

# Appendix for Band 2

Report No.: BCTC2504054763-6E

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Applicant: Shenzhen Huafurui Technology Co., Ltd.

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Product Name: Smartphone

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Test Model: KINGKONG ES 3

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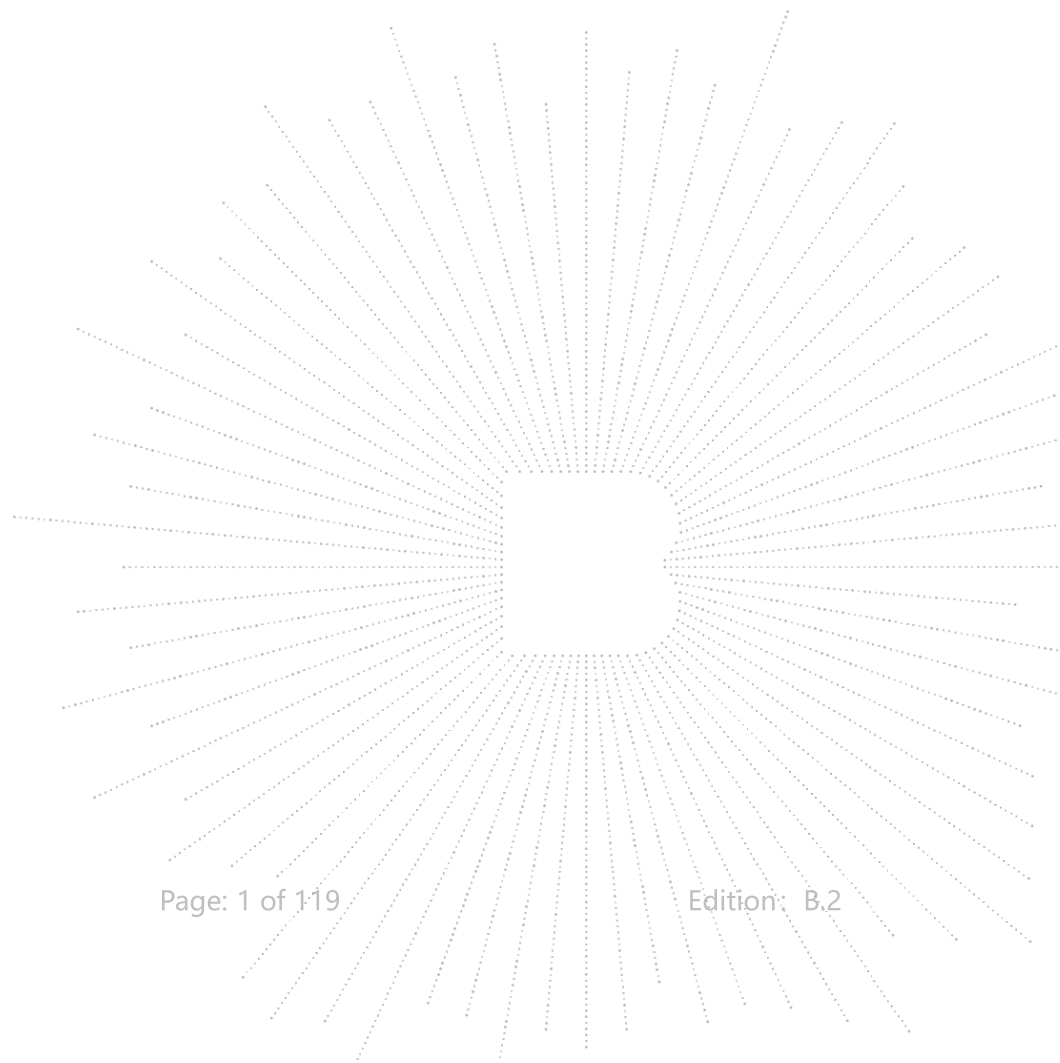
Tested Date: 2025-04-09 to 2025-05-26

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**Shenzhen BCTC Testing Co., Ltd.**

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## Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band2	1.4	18607	1	#0	QPSK	23.36	0.23	23.59	PASS
NVNT	Band2	1.4	18607	1	#Mid	QPSK	23.39	0.23	23.62	PASS
NVNT	Band2	1.4	18607	1	#Max	QPSK	23.34	0.23	23.57	PASS
NVNT	Band2	1.4	18607	3	#0	QPSK	23.15	0.23	23.38	PASS
NVNT	Band2	1.4	18607	3	#Mid	QPSK	23.19	0.23	23.42	PASS
NVNT	Band2	1.4	18607	3	#Max	QPSK	23.16	0.23	23.39	PASS
NVNT	Band2	1.4	18607	6	#0	QPSK	22.17	0.23	22.40	PASS
NVNT	Band2	1.4	18607	1	#0	16QAM	23.85	0.23	24.08	PASS
NVNT	Band2	1.4	18607	1	#Mid	16QAM	23.88	0.23	24.11	PASS
NVNT	Band2	1.4	18607	1	#Max	16QAM	23.89	0.23	24.12	PASS
NVNT	Band2	1.4	18607	3	#0	16QAM	22.57	0.23	22.80	PASS
NVNT	Band2	1.4	18607	3	#Mid	16QAM	22.56	0.23	22.79	PASS
NVNT	Band2	1.4	18607	3	#Max	16QAM	22.53	0.23	22.76	PASS
NVNT	Band2	1.4	18607	6	#0	16QAM	21.52	0.23	21.75	PASS
NVNT	Band2	1.4	18900	1	#0	QPSK	22.93	0.23	23.16	PASS
NVNT	Band2	1.4	18900	1	#Mid	QPSK	22.92	0.23	23.15	PASS
NVNT	Band2	1.4	18900	1	#Max	QPSK	22.95	0.23	23.18	PASS
NVNT	Band2	1.4	18900	3	#0	QPSK	22.99	0.23	23.22	PASS
NVNT	Band2	1.4	18900	3	#Mid	QPSK	23.03	0.23	23.26	PASS
NVNT	Band2	1.4	18900	3	#Max	QPSK	22.98	0.23	23.21	PASS
NVNT	Band2	1.4	18900	6	#0	QPSK	22.04	0.23	22.27	PASS
NVNT	Band2	1.4	18900	1	#0	16QAM	21.99	0.23	22.22	PASS
NVNT	Band2	1.4	18900	1	#Mid	16QAM	22.03	0.23	22.26	PASS
NVNT	Band2	1.4	18900	1	#Max	16QAM	22.02	0.23	22.25	PASS
NVNT	Band2	1.4	18900	3	#0	16QAM	21.96	0.23	22.19	PASS
NVNT	Band2	1.4	18900	3	#Mid	16QAM	21.91	0.23	22.14	PASS
NVNT	Band2	1.4	18900	3	#Max	16QAM	21.95	0.23	22.18	PASS
NVNT	Band2	1.4	18900	6	#0	16QAM	21.23	0.23	21.46	PASS
NVNT	Band2	1.4	19193	1	#0	QPSK	22.88	0.23	23.11	PASS
NVNT	Band2	1.4	19193	1	#Mid	QPSK	22.79	0.23	23.02	PASS
NVNT	Band2	1.4	19193	1	#Max	QPSK	22.86	0.23	23.09	PASS
NVNT	Band2	1.4	19193	3	#0	QPSK	22.76	0.23	22.99	PASS
NVNT	Band2	1.4	19193	3	#Mid	QPSK	22.81	0.23	23.04	PASS
NVNT	Band2	1.4	19193	3	#Max	QPSK	22.82	0.23	23.05	PASS
NVNT	Band2	1.4	19193	6	#0	QPSK	21.83	0.23	22.06	PASS

NVNT	Band2	1.4	19193	1	#0	16QAM	22.32	0.23	22.55	PASS
NVNT	Band2	1.4	19193	1	#Mid	16QAM	22.39	0.23	22.62	PASS
NVNT	Band2	1.4	19193	1	#Max	16QAM	22.59	0.23	22.82	PASS
NVNT	Band2	1.4	19193	3	#0	16QAM	21.87	0.23	22.10	PASS
NVNT	Band2	1.4	19193	3	#Mid	16QAM	21.83	0.23	22.06	PASS
NVNT	Band2	1.4	19193	3	#Max	16QAM	21.84	0.23	22.07	PASS
NVNT	Band2	1.4	19193	6	#0	16QAM	20.99	0.23	21.22	PASS
NVNT	Band2	3	18615	1	#0	QPSK	23.25	0.23	23.48	PASS
NVNT	Band2	3	18615	1	#Mid	QPSK	23.25	0.23	23.48	PASS
NVNT	Band2	3	18615	1	#Max	QPSK	23.26	0.23	23.49	PASS
NVNT	Band2	3	18615	8	#0	QPSK	22.20	0.23	22.43	PASS
NVNT	Band2	3	18615	8	#Mid	QPSK	22.24	0.23	22.47	PASS
NVNT	Band2	3	18615	8	#Max	QPSK	22.24	0.23	22.47	PASS
NVNT	Band2	3	18615	15	#0	QPSK	22.21	0.23	22.44	PASS
NVNT	Band2	3	18615	1	#0	16QAM	23.98	0.23	24.21	PASS
NVNT	Band2	3	18615	1	#Mid	16QAM	23.94	0.23	24.17	PASS
NVNT	Band2	3	18615	1	#Max	16QAM	23.94	0.23	24.17	PASS
NVNT	Band2	3	18615	8	#0	16QAM	21.25	0.23	21.48	PASS
NVNT	Band2	3	18615	8	#Mid	16QAM	21.21	0.23	21.44	PASS
NVNT	Band2	3	18615	8	#Max	16QAM	21.28	0.23	21.51	PASS
NVNT	Band2	3	18615	15	#0	16QAM	21.36	0.23	21.59	PASS
NVNT	Band2	3	18900	1	#0	QPSK	22.88	0.23	23.11	PASS
NVNT	Band2	3	18900	1	#Mid	QPSK	22.97	0.23	23.20	PASS
NVNT	Band2	3	18900	1	#Max	QPSK	22.94	0.23	23.17	PASS
NVNT	Band2	3	18900	8	#0	QPSK	21.94	0.23	22.17	PASS
NVNT	Band2	3	18900	8	#Mid	QPSK	21.98	0.23	22.21	PASS
NVNT	Band2	3	18900	8	#Max	QPSK	21.96	0.23	22.19	PASS
NVNT	Band2	3	18900	15	#0	QPSK	21.94	0.23	22.17	PASS
NVNT	Band2	3	18900	1	#0	16QAM	22.02	0.23	22.25	PASS
NVNT	Band2	3	18900	1	#Mid	16QAM	21.93	0.23	22.16	PASS
NVNT	Band2	3	18900	1	#Max	16QAM	21.98	0.23	22.21	PASS
NVNT	Band2	3	18900	8	#0	16QAM	21.02	0.23	21.25	PASS
NVNT	Band2	3	18900	8	#Mid	16QAM	21.06	0.23	21.29	PASS
NVNT	Band2	3	18900	8	#Max	16QAM	21.04	0.23	21.27	PASS
NVNT	Band2	3	18900	15	#0	16QAM	21.03	0.23	21.26	PASS
NVNT	Band2	3	19185	1	#0	QPSK	22.82	0.23	23.05	PASS
NVNT	Band2	3	19185	1	#Mid	QPSK	22.86	0.23	23.09	PASS
NVNT	Band2	3	19185	1	#Max	QPSK	22.86	0.23	23.09	PASS
NVNT	Band2	3	19185	8	#0	QPSK	21.81	0.23	22.04	PASS
NVNT	Band2	3	19185	8	#Mid	QPSK	21.87	0.23	22.10	PASS
NVNT	Band2	3	19185	8	#Max	QPSK	21.84	0.23	22.07	PASS
NVNT	Band2	3	19185	15	#0	QPSK	21.83	0.23	22.06	PASS

NVNT	Band2	3	19185	1	#0	16QAM	22.41	0.23	22.64	PASS
NVNT	Band2	3	19185	1	#Mid	16QAM	22.52	0.23	22.75	PASS
NVNT	Band2	3	19185	1	#Max	16QAM	22.41	0.23	22.64	PASS
NVNT	Band2	3	19185	8	#0	16QAM	20.88	0.23	21.11	PASS
NVNT	Band2	3	19185	8	#Mid	16QAM	20.92	0.23	21.15	PASS
NVNT	Band2	3	19185	8	#Max	16QAM	20.90	0.23	21.13	PASS
NVNT	Band2	3	19185	15	#0	16QAM	21.04	0.23	21.27	PASS
NVNT	Band2	5	18625	1	#0	QPSK	23.19	0.23	23.42	PASS
NVNT	Band2	5	18625	1	#Mid	QPSK	23.15	0.23	23.38	PASS
NVNT	Band2	5	18625	1	#Max	QPSK	23.10	0.23	23.33	PASS
NVNT	Band2	5	18625	12	#0	QPSK	22.25	0.23	22.48	PASS
NVNT	Band2	5	18625	12	#Mid	QPSK	22.19	0.23	22.42	PASS
NVNT	Band2	5	18625	12	#Max	QPSK	22.20	0.23	22.43	PASS
NVNT	Band2	5	18625	25	#0	QPSK	22.26	0.23	22.49	PASS
NVNT	Band2	5	18625	1	#0	16QAM	22.94	0.23	23.17	PASS
NVNT	Band2	5	18625	1	#Mid	16QAM	22.85	0.23	23.08	PASS
NVNT	Band2	5	18625	1	#Max	16QAM	22.82	0.23	23.05	PASS
NVNT	Band2	5	18625	12	#0	16QAM	21.26	0.23	21.49	PASS
NVNT	Band2	5	18625	12	#Mid	16QAM	21.31	0.23	21.54	PASS
NVNT	Band2	5	18625	12	#Max	16QAM	21.25	0.23	21.48	PASS
NVNT	Band2	5	18625	25	#0	16QAM	21.51	0.23	21.74	PASS
NVNT	Band2	5	18900	1	#0	QPSK	22.96	0.23	23.19	PASS
NVNT	Band2	5	18900	1	#Mid	QPSK	22.91	0.23	23.14	PASS
NVNT	Band2	5	18900	1	#Max	QPSK	23.05	0.23	23.28	PASS
NVNT	Band2	5	18900	12	#0	QPSK	21.94	0.23	22.17	PASS
NVNT	Band2	5	18900	12	#Mid	QPSK	21.93	0.23	22.16	PASS
NVNT	Band2	5	18900	12	#Max	QPSK	22.02	0.23	22.25	PASS
NVNT	Band2	5	18900	25	#0	QPSK	21.96	0.23	22.19	PASS
NVNT	Band2	5	18900	1	#0	16QAM	22.57	0.23	22.80	PASS
NVNT	Band2	5	18900	1	#Mid	16QAM	22.58	0.23	22.81	PASS
NVNT	Band2	5	18900	1	#Max	16QAM	22.59	0.23	22.82	PASS
NVNT	Band2	5	18900	12	#0	16QAM	20.89	0.23	21.12	PASS
NVNT	Band2	5	18900	12	#Mid	16QAM	20.85	0.23	21.08	PASS
NVNT	Band2	5	18900	12	#Max	16QAM	20.88	0.23	21.11	PASS
NVNT	Band2	5	18900	25	#0	16QAM	21.11	0.23	21.34	PASS
NVNT	Band2	5	19175	1	#0	QPSK	22.69	0.23	22.92	PASS
NVNT	Band2	5	19175	1	#Mid	QPSK	22.62	0.23	22.85	PASS
NVNT	Band2	5	19175	1	#Max	QPSK	22.61	0.23	22.84	PASS
NVNT	Band2	5	19175	12	#0	QPSK	21.83	0.23	22.06	PASS
NVNT	Band2	5	19175	12	#Mid	QPSK	21.81	0.23	22.04	PASS
NVNT	Band2	5	19175	12	#Max	QPSK	21.73	0.23	21.96	PASS
NVNT	Band2	5	19175	25	#0	QPSK	21.79	0.23	22.02	PASS

NVNT	Band2	5	19175	1	#0	16QAM	23.00	0.23	23.23	PASS
NVNT	Band2	5	19175	1	#Mid	16QAM	22.96	0.23	23.19	PASS
NVNT	Band2	5	19175	1	#Max	16QAM	22.90	0.23	23.13	PASS
NVNT	Band2	5	19175	12	#0	16QAM	20.89	0.23	21.12	PASS
NVNT	Band2	5	19175	12	#Mid	16QAM	20.85	0.23	21.08	PASS
NVNT	Band2	5	19175	12	#Max	16QAM	20.88	0.23	21.11	PASS
NVNT	Band2	5	19175	25	#0	16QAM	21.08	0.23	21.31	PASS
NVNT	Band2	10	18650	1	#0	QPSK	23.20	0.23	23.43	PASS
NVNT	Band2	10	18650	1	#Mid	QPSK	23.04	0.23	23.27	PASS
NVNT	Band2	10	18650	1	#Max	QPSK	22.95	0.23	23.18	PASS
NVNT	Band2	10	18650	25	#0	QPSK	22.31	0.23	22.54	PASS
NVNT	Band2	10	18650	25	#Mid	QPSK	22.18	0.23	22.41	PASS
NVNT	Band2	10	18650	25	#Max	QPSK	22.18	0.23	22.41	PASS
NVNT	Band2	10	18650	50	#0	QPSK	22.24	0.23	22.47	PASS
NVNT	Band2	10	18650	1	#0	16QAM	23.90	0.23	24.13	PASS
NVNT	Band2	10	18650	1	#Mid	16QAM	23.86	0.23	24.09	PASS
NVNT	Band2	10	18650	1	#Max	16QAM	23.73	0.23	23.96	PASS
NVNT	Band2	10	18650	25	#0	16QAM	21.37	0.23	21.60	PASS
NVNT	Band2	10	18650	25	#Mid	16QAM	21.36	0.23	21.59	PASS
NVNT	Band2	10	18650	25	#Max	16QAM	21.25	0.23	21.48	PASS
NVNT	Band2	10	18650	50	#0	16QAM	21.27	0.23	21.50	PASS
NVNT	Band2	10	18900	1	#0	QPSK	22.92	0.23	23.15	PASS
NVNT	Band2	10	18900	1	#Mid	QPSK	22.87	0.23	23.10	PASS
NVNT	Band2	10	18900	1	#Max	QPSK	22.93	0.23	23.16	PASS
NVNT	Band2	10	18900	25	#0	QPSK	22.02	0.23	22.25	PASS
NVNT	Band2	10	18900	25	#Mid	QPSK	21.88	0.23	22.11	PASS
NVNT	Band2	10	18900	25	#Max	QPSK	21.89	0.23	22.12	PASS
NVNT	Band2	10	18900	50	#0	QPSK	21.99	0.23	22.22	PASS
NVNT	Band2	10	18900	1	#0	16QAM	23.21	0.23	23.44	PASS
NVNT	Band2	10	18900	1	#Mid	16QAM	23.30	0.23	23.53	PASS
NVNT	Band2	10	18900	1	#Max	16QAM	23.33	0.23	23.56	PASS
NVNT	Band2	10	18900	25	#0	16QAM	21.08	0.23	21.31	PASS
NVNT	Band2	10	18900	25	#Mid	16QAM	21.03	0.23	21.26	PASS
NVNT	Band2	10	18900	25	#Max	16QAM	21.08	0.23	21.31	PASS
NVNT	Band2	10	18900	50	#0	16QAM	21.09	0.23	21.32	PASS
NVNT	Band2	10	19150	1	#0	QPSK	22.85	0.23	23.08	PASS
NVNT	Band2	10	19150	1	#Mid	QPSK	22.83	0.23	23.06	PASS
NVNT	Band2	10	19150	1	#Max	QPSK	22.83	0.23	23.06	PASS
NVNT	Band2	10	19150	25	#0	QPSK	21.98	0.23	22.21	PASS
NVNT	Band2	10	19150	25	#Mid	QPSK	21.85	0.23	22.08	PASS
NVNT	Band2	10	19150	25	#Max	QPSK	21.78	0.23	22.01	PASS
NVNT	Band2	10	19150	50	#0	QPSK	21.77	0.23	22.00	PASS

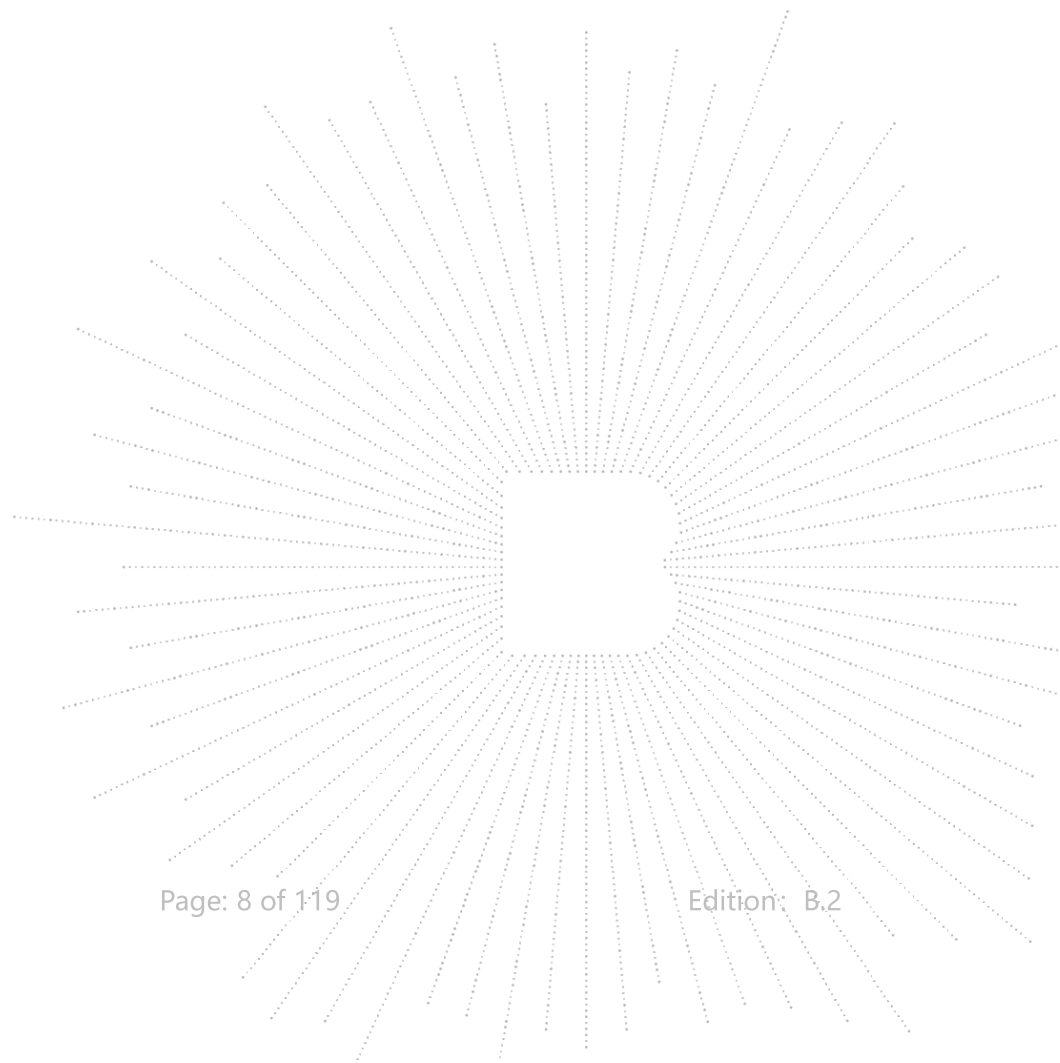


NVNT	Band2	10	19150	1	#0	16QAM	22.47	0.23	22.70	PASS
NVNT	Band2	10	19150	1	#Mid	16QAM	22.45	0.23	22.68	PASS
NVNT	Band2	10	19150	1	#Max	16QAM	22.37	0.23	22.60	PASS
NVNT	Band2	10	19150	25	#0	16QAM	20.97	0.23	21.20	PASS
NVNT	Band2	10	19150	25	#Mid	16QAM	20.94	0.23	21.17	PASS
NVNT	Band2	10	19150	25	#Max	16QAM	20.90	0.23	21.13	PASS
NVNT	Band2	10	19150	50	#0	16QAM	20.93	0.23	21.16	PASS
NVNT	Band2	15	18675	1	#0	QPSK	23.18	0.23	23.41	PASS
NVNT	Band2	15	18675	1	#Mid	QPSK	23.02	0.23	23.25	PASS
NVNT	Band2	15	18675	1	#Max	QPSK	22.89	0.23	23.12	PASS
NVNT	Band2	15	18675	36	#0	QPSK	22.25	0.23	22.48	PASS
NVNT	Band2	15	18675	36	#Mid	QPSK	22.07	0.23	22.30	PASS
NVNT	Band2	15	18675	36	#Max	QPSK	21.97	0.23	22.20	PASS
NVNT	Band2	15	18675	75	#0	QPSK	22.17	0.23	22.40	PASS
NVNT	Band2	15	18675	1	#0	16QAM	24.05	0.23	24.28	PASS
NVNT	Band2	15	18675	1	#Mid	16QAM	23.79	0.23	24.02	PASS
NVNT	Band2	15	18675	1	#Max	16QAM	23.66	0.23	23.89	PASS
NVNT	Band2	15	18675	36	#0	16QAM	21.33	0.23	21.56	PASS
NVNT	Band2	15	18675	36	#Mid	16QAM	21.23	0.23	21.46	PASS
NVNT	Band2	15	18675	36	#Max	16QAM	21.14	0.23	21.37	PASS
NVNT	Band2	15	18675	75	#0	16QAM	21.26	0.23	21.49	PASS
NVNT	Band2	15	18900	1	#0	QPSK	22.90	0.23	23.13	PASS
NVNT	Band2	15	18900	1	#Mid	QPSK	23.00	0.23	23.23	PASS
NVNT	Band2	15	18900	1	#Max	QPSK	23.01	0.23	23.24	PASS
NVNT	Band2	15	18900	36	#0	QPSK	21.94	0.23	22.17	PASS
NVNT	Band2	15	18900	36	#Mid	QPSK	21.96	0.23	22.19	PASS
NVNT	Band2	15	18900	36	#Max	QPSK	21.94	0.23	22.17	PASS
NVNT	Band2	15	18900	75	#0	QPSK	21.94	0.23	22.17	PASS
NVNT	Band2	15	18900	1	#0	16QAM	23.20	0.23	23.43	PASS
NVNT	Band2	15	18900	1	#Mid	16QAM	23.32	0.23	23.55	PASS
NVNT	Band2	15	18900	1	#Max	16QAM	23.39	0.23	23.62	PASS
NVNT	Band2	15	18900	36	#0	16QAM	21.22	0.23	21.45	PASS
NVNT	Band2	15	18900	36	#Mid	16QAM	21.19	0.23	21.42	PASS
NVNT	Band2	15	18900	36	#Max	16QAM	21.21	0.23	21.44	PASS
NVNT	Band2	15	18900	75	#0	16QAM	21.13	0.23	21.36	PASS
NVNT	Band2	15	19125	1	#0	QPSK	22.83	0.23	23.06	PASS
NVNT	Band2	15	19125	1	#Mid	QPSK	22.72	0.23	22.95	PASS
NVNT	Band2	15	19125	1	#Max	QPSK	22.65	0.23	22.88	PASS
NVNT	Band2	15	19125	36	#0	QPSK	21.94	0.23	22.17	PASS
NVNT	Band2	15	19125	36	#Mid	QPSK	21.88	0.23	22.11	PASS
NVNT	Band2	15	19125	36	#Max	QPSK	21.91	0.23	22.14	PASS
NVNT	Band2	15	19125	75	#0	QPSK	21.91	0.23	22.14	PASS

NVNT	Band2	15	19125	1	#0	16QAM	23.39	0.23	23.62	PASS
NVNT	Band2	15	19125	1	#Mid	16QAM	23.36	0.23	23.59	PASS
NVNT	Band2	15	19125	1	#Max	16QAM	23.26	0.23	23.49	PASS
NVNT	Band2	15	19125	36	#0	16QAM	21.03	0.23	21.26	PASS
NVNT	Band2	15	19125	36	#Mid	16QAM	20.97	0.23	21.20	PASS
NVNT	Band2	15	19125	36	#Max	16QAM	20.92	0.23	21.15	PASS
NVNT	Band2	15	19125	75	#0	16QAM	21.04	0.23	21.27	PASS
NVNT	Band2	20	18700	1	#0	QPSK	23.28	0.23	23.51	PASS
NVNT	Band2	20	18700	1	#Mid	QPSK	23.08	0.23	23.31	PASS
NVNT	Band2	20	18700	1	#Max	QPSK	23.00	0.23	23.23	PASS
NVNT	Band2	20	18700	50	#0	QPSK	22.13	0.23	22.36	PASS
NVNT	Band2	20	18700	50	#Mid	QPSK	22.10	0.23	22.33	PASS
NVNT	Band2	20	18700	50	#Max	QPSK	21.97	0.23	22.20	PASS
NVNT	Band2	20	18700	100	#0	QPSK	22.12	0.23	22.35	PASS
NVNT	Band2	20	18700	1	#0	16QAM	22.87	0.23	23.10	PASS
NVNT	Band2	20	18700	1	#Mid	16QAM	22.74	0.23	22.97	PASS
NVNT	Band2	20	18700	1	#Max	16QAM	22.62	0.23	22.85	PASS
NVNT	Band2	20	18700	50	#0	16QAM	21.43	0.23	21.66	PASS
NVNT	Band2	20	18700	50	#Mid	16QAM	21.28	0.23	21.51	PASS
NVNT	Band2	20	18700	50	#Max	16QAM	21.21	0.23	21.44	PASS
NVNT	Band2	20	18700	100	#0	16QAM	21.18	0.23	21.41	PASS
NVNT	Band2	20	18900	1	#0	QPSK	23.16	0.23	23.39	PASS
NVNT	Band2	20	18900	1	#Mid	QPSK	23.26	0.23	23.49	PASS
NVNT	Band2	20	18900	1	#Max	QPSK	23.34	0.23	23.57	PASS
NVNT	Band2	20	18900	50	#0	QPSK	21.85	0.23	22.08	PASS
NVNT	Band2	20	18900	50	#Mid	QPSK	22.00	0.23	22.23	PASS
NVNT	Band2	20	18900	50	#Max	QPSK	22.00	0.23	22.23	PASS
NVNT	Band2	20	18900	100	#0	QPSK	21.91	0.23	22.14	PASS
NVNT	Band2	20	18900	1	#0	16QAM	22.16	0.23	22.39	PASS
NVNT	Band2	20	18900	1	#Mid	16QAM	22.09	0.23	22.32	PASS
NVNT	Band2	20	18900	1	#Max	16QAM	22.27	0.23	22.50	PASS
NVNT	Band2	20	18900	50	#0	16QAM	21.05	0.23	21.28	PASS
NVNT	Band2	20	18900	50	#Mid	16QAM	21.09	0.23	21.32	PASS
NVNT	Band2	20	18900	50	#Max	16QAM	21.10	0.23	21.33	PASS
NVNT	Band2	20	18900	100	#0	16QAM	21.13	0.23	21.36	PASS
NVNT	Band2	20	19100	1	#0	QPSK	23.13	0.23	23.36	PASS
NVNT	Band2	20	19100	1	#Mid	QPSK	22.93	0.23	23.16	PASS
NVNT	Band2	20	19100	1	#Max	QPSK	22.91	0.23	23.14	PASS
NVNT	Band2	20	19100	50	#0	QPSK	21.98	0.23	22.21	PASS
NVNT	Band2	20	19100	50	#Mid	QPSK	21.96	0.23	22.19	PASS
NVNT	Band2	20	19100	50	#Max	QPSK	21.89	0.23	22.12	PASS
NVNT	Band2	20	19100	100	#0	QPSK	21.91	0.23	22.14	PASS



NVNT	Band2	20	19100	1	#0	16QAM	22.91	0.23	23.14	PASS
NVNT	Band2	20	19100	1	#Mid	16QAM	22.78	0.23	23.01	PASS
NVNT	Band2	20	19100	1	#Max	16QAM	22.68	0.23	22.91	PASS
NVNT	Band2	20	19100	50	#0	16QAM	21.18	0.23	21.41	PASS
NVNT	Band2	20	19100	50	#Mid	16QAM	21.14	0.23	21.37	PASS
NVNT	Band2	20	19100	50	#Max	16QAM	20.97	0.23	21.20	PASS
NVNT	Band2	20	19100	100	#0	16QAM	21.08	0.23	21.31	PASS



## Appendix 2.Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 2	1.4	18607	6	#0	QPSK	LV	NT	-7.91	-0.004	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	NT	-17.25	-0.009	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	HV	NT	-30.64	-0.017	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	LV	NT	-20.61	-0.011	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	NT	-21.34	-0.012	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	HV	NT	-40.77	-0.022	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	LV	NT	1.82	0.001	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	NT	-1.67	-0.001	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	HV	NT	-1.79	-0.001	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	LV	NT	-1.02	-0.001	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	NT	0.74	0.000	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	HV	NT	-0.92	0.000	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	LV	NT	-4.95	-0.003	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	NT	-2.47	-0.001	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	HV	NT	-0.92	0.000	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	LV	NT	2.06	0.001	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	NT	5.52	0.003	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	HV	NT	6.29	0.003	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	LV	NT	-11.59	-0.006	PASS

NVNT	Band 2	3	18615	15	#0	QPSK	NV	NT	-34.89	-0.019	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	HV	NT	-4.73	-0.003	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	LV	NT	-25.73	-0.014	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	NT	-33.77	-0.018	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	HV	NT	-38.11	-0.021	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	LV	NT	-4.22	-0.002	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	NT	-0.17	0.000	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	HV	NT	-6.78	-0.004	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	LV	NT	1.95	0.001	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	NT	1.63	0.001	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	HV	NT	4.36	0.002	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	LV	NT	5.18	0.003	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	NT	-9.31	-0.005	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	HV	NT	-5.09	-0.003	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	LV	NT	-1.34	-0.001	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	NT	2.16	0.001	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	HV	NT	12.33	0.006	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	LV	NT	-40.31	-0.022	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	NT	-3.16	-0.002	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	HV	NT	-22.73	-0.012	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	LV	NT	-37.19	-0.020	PASS
NVNT	Band	5	18625	25	#0	16QAM	NV	NT	-6.94	-0.004	PASS

	2										
NVNT	Band 2	5	18625	25	#0	16QAM	HV	NT	-6.09	-0.003	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	LV	NT	-0.39	0.000	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	NT	-1.56	-0.001	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	HV	NT	-3.10	-0.002	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	LV	NT	4.55	0.002	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	NT	6.27	0.003	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	HV	NT	13.76	0.007	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	LV	NT	4.16	0.002	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	NT	6.95	0.004	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	HV	NT	13.22	0.007	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	LV	NT	13.70	0.007	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	NT	22.36	0.012	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	HV	NT	29.23	0.015	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	LV	NT	-44.35	-0.024	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	NT	-32.59	-0.018	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	HV	NT	-13.50	-0.007	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	LV	NT	-27.25	-0.015	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	NT	-29.75	-0.016	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	HV	NT	-15.88	-0.009	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	LV	NT	-20.90	-0.011	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	NT	-18.70	-0.010	PASS

NVNT	Band 2	10	18900	50	#0	QPSK	HV	NT	-9.93	-0.005	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	LV	NT	-6.01	-0.003	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	NT	9.67	0.005	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	HV	NT	18.60	0.010	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	LV	NT	-2.46	-0.001	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	NT	7.72	0.004	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	HV	NT	12.77	0.007	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	LV	NT	22.16	0.012	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	NV	NT	27.47	0.014	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	HV	NT	36.06	0.019	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	LV	NT	-17.51	-0.009	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	NT	-43.09	-0.023	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	HV	NT	-17.92	-0.010	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	LV	NT	-17.77	-0.010	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	NT	-12.57	-0.007	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	HV	NT	-8.07	-0.004	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	LV	NT	3.92	0.002	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	NT	4.39	0.002	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	HV	NT	11.04	0.006	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	LV	NT	17.72	0.009	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	NT	26.87	0.014	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	HV	NT	27.45	0.015	PASS

	2										
NVNT	Band 2	15	19125	75	#0	QPSK	LV	NT	-23.43	-0.012	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	NT	-24.69	-0.013	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	HV	NT	-36.55	-0.019	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	LV	NT	-12.97	-0.007	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	NT	12.52	0.007	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	HV	NT	36.03	0.019	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	LV	NT	-33.86	-0.018	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	NT	-11.34	-0.006	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	HV	NT	-36.03	-0.019	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	LV	NT	-38.19	-0.021	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	NT	-26.52	-0.014	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	HV	NT	-20.08	-0.011	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	LV	NT	14.82	0.008	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	NT	20.63	0.011	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	HV	NT	28.11	0.015	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	LV	NT	32.56	0.017	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	NT	11.44	0.006	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	HV	NT	11.20	0.006	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	LV	NT	8.41	0.004	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	NT	18.53	0.010	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	HV	NT	25.85	0.014	PASS



NVNT	Band 2	20	19100	100	#0	16QAM	LV	NT	41.48	0.022	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	NT	1.95	0.001	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	HV	NT	16.65	0.009	PASS

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	-30	28.80	0.016	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	-20	10.63	0.006	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	0	22.39	0.012	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	10	13.19	0.007	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	20	10.60	0.006	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	30	4.69	0.003	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	40	-8.93	-0.005	PASS
NVNT	Band 2	1.4	18607	6	#0	QPSK	NV	50	-18.02	-0.010	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	-30	-26.99	-0.015	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	-20	-38.45	-0.021	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	0	-47.62	-0.026	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	10	-1.49	-0.001	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	20	-13.90	-0.008	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	30	-24.95	-0.013	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	40	-28.88	-0.016	PASS
NVNT	Band 2	1.4	18607	6	#0	16QAM	NV	50	-41.58	-0.022	PASS
NVNT	Band	1.4	18900	6	#0	QPSK	NV	-30	-24.59	-0.013	PASS

	2										
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	-20	-33.06	-0.018	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	0	-40.88	-0.022	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	10	-44.26	-0.024	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	20	-9.60	-0.005	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	30	-12.80	-0.007	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	40	-20.70	-0.011	PASS
NVNT	Band 2	1.4	18900	6	#0	QPSK	NV	50	-28.85	-0.015	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	-30	-41.80	-0.022	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	-20	11.00	0.006	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	0	0.33	0.000	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	10	-7.72	-0.004	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	20	-17.38	-0.009	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	30	-25.42	-0.014	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	40	-31.60	-0.017	PASS
NVNT	Band 2	1.4	18900	6	#0	16QAM	NV	50	-31.66	-0.017	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	-30	-19.25	-0.010	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	-20	-21.72	-0.011	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	0	-23.10	-0.012	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	10	-29.01	-0.015	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	20	-36.94	-0.019	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	30	-46.08	-0.024	PASS

NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	40	-26.38	-0.014	PASS
NVNT	Band 2	1.4	19193	6	#0	QPSK	NV	50	-24.33	-0.013	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	-30	-34.98	-0.018	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	-20	-43.79	-0.023	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	0	-17.28	-0.009	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	10	-41.63	-0.022	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	20	-44.99	-0.024	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	30	-24.59	-0.013	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	40	7.64	0.004	PASS
NVNT	Band 2	1.4	19193	6	#0	16QAM	NV	50	1.66	0.001	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	-30	7.11	0.004	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	-20	15.96	0.009	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	0	23.12	0.012	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	10	27.92	0.015	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	20	20.90	0.011	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	30	21.24	0.011	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	40	13.93	0.008	PASS
NVNT	Band 2	3	18615	15	#0	QPSK	NV	50	12.42	0.007	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	-30	10.34	0.006	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	-20	10.64	0.006	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	0	8.45	0.005	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	10	9.11	0.005	PASS

	2										
NVNT	Band 2	3	18615	15	#0	16QAM	NV	20	8.54	0.005	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	30	8.03	0.004	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	40	7.95	0.004	PASS
NVNT	Band 2	3	18615	15	#0	16QAM	NV	50	10.31	0.006	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	-30	-17.54	-0.009	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	-20	-19.50	-0.010	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	0	-18.75	-0.010	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	10	-16.32	-0.009	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	20	-16.09	-0.009	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	30	-11.14	-0.006	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	40	-10.37	-0.006	PASS
NVNT	Band 2	3	18900	15	#0	QPSK	NV	50	-15.82	-0.008	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	-30	-16.57	-0.009	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	-20	-16.89	-0.009	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	0	-16.24	-0.009	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	10	-20.43	-0.011	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	20	-18.44	-0.010	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	30	-20.83	-0.011	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	40	-41.46	-0.022	PASS
NVNT	Band 2	3	18900	15	#0	16QAM	NV	50	-0.77	0.000	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	-30	-14.05	-0.007	PASS

NVNT	Band 2	3	19185	15	#0	QPSK	NV	-20	-11.46	-0.006	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	0	-11.63	-0.006	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	10	-12.86	-0.007	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	20	-11.30	-0.006	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	30	-16.85	-0.009	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	40	-22.80	-0.012	PASS
NVNT	Band 2	3	19185	15	#0	QPSK	NV	50	-22.70	-0.012	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	-30	-35.56	-0.019	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	-20	-39.54	-0.021	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	0	-40.41	-0.021	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	10	-47.94	-0.025	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	20	-11.12	-0.006	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	30	-13.76	-0.007	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	40	-24.83	-0.013	PASS
NVNT	Band 2	3	19185	15	#0	16QAM	NV	50	-26.26	-0.014	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	-30	17.24	0.009	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	-20	35.49	0.019	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	0	33.37	0.018	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	10	37.28	0.020	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	20	6.01	0.003	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	30	2.03	0.001	PASS
NVNT	Band 2	5	18625	25	#0	QPSK	NV	40	-1.82	-0.001	PASS

	2										
NVNT	Band 2	5	18625	25	#0	QPSK	NV	50	-2.72	-0.001	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	-30	-3.29	-0.002	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	-20	-4.23	-0.002	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	0	-0.04	0.000	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	10	-2.60	-0.001	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	20	-5.19	-0.003	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	30	-6.55	-0.004	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	40	-3.42	-0.002	PASS
NVNT	Band 2	5	18625	25	#0	16QAM	NV	50	-8.57	-0.005	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	-30	-16.64	-0.009	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	-20	-16.99	-0.009	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	0	-18.88	-0.010	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	10	-20.36	-0.011	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	20	-18.11	-0.010	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	30	-20.36	-0.011	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	40	-25.56	-0.014	PASS
NVNT	Band 2	5	18900	25	#0	QPSK	NV	50	-36.88	-0.020	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	-30	-46.42	-0.025	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	-20	-45.23	-0.024	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	0	-46.75	-0.025	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	10	-44.57	-0.024	PASS



NVNT	Band 2	5	18900	25	#0	16QAM	NV	20	-38.47	-0.020	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	30	-41.84	-0.022	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	40	-38.35	-0.020	PASS
NVNT	Band 2	5	18900	25	#0	16QAM	NV	50	-31.49	-0.017	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	-30	-9.94	-0.005	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	-20	1.93	0.001	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	0	-3.06	-0.002	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	10	-8.83	-0.005	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	20	-14.32	-0.008	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	30	-23.45	-0.012	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	40	-27.78	-0.015	PASS
NVNT	Band 2	5	19175	25	#0	QPSK	NV	50	-22.02	-0.012	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	-30	-29.68	-0.016	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	-20	-34.96	-0.018	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	0	-39.88	-0.021	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	10	-37.22	-0.020	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	20	-44.95	-0.024	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	30	21.33	0.011	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	40	14.55	0.008	PASS
NVNT	Band 2	5	19175	25	#0	16QAM	NV	50	17.21	0.009	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	-30	40.24	0.022	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	-20	18.07	0.010	PASS

	2										
NVNT	Band 2	10	18650	50	#0	QPSK	NV	0	18.25	0.010	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	10	18.32	0.010	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	20	10.90	0.006	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	30	-10.16	-0.005	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	40	-33.95	-0.018	PASS
NVNT	Band 2	10	18650	50	#0	QPSK	NV	50	-14.39	-0.008	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	-30	-36.32	-0.020	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	-20	10.29	0.006	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	0	-7.85	-0.004	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	10	-10.80	-0.006	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	20	-18.44	-0.010	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	30	-25.13	-0.014	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	40	-34.83	-0.019	PASS
NVNT	Band 2	10	18650	50	#0	16QAM	NV	50	-24.26	-0.013	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	-30	0.14	0.000	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	-20	1.95	0.001	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	0	-1.65	-0.001	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	10	-8.81	-0.005	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	20	-14.15	-0.008	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	30	-17.98	-0.010	PASS
NVNT	Band 2	10	18900	50	#0	QPSK	NV	40	-21.73	-0.012	PASS

NVNT	Band 2	10	18900	50	#0	QPSK	NV	50	-28.88	-0.015	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	-30	-34.49	-0.018	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	-20	-33.90	-0.018	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	0	-41.46	-0.022	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	10	-2.83	-0.002	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	20	-1.02	-0.001	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	30	-4.28	-0.002	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	40	-7.10	-0.004	PASS
NVNT	Band 2	10	18900	50	#0	16QAM	NV	50	-18.15	-0.010	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	-30	-14.09	-0.007	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	-20	-18.65	-0.010	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	0	-26.72	-0.014	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	10	-42.16	-0.022	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	20	-7.31	-0.004	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	30	-14.68	-0.008	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	40	-23.78	-0.012	PASS
NVNT	Band 2	10	19150	50	#0	QPSK	NV	50	-29.83	-0.016	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	NV	-30	-39.41	-0.021	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	NV	-20	-44.78	-0.024	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	NV	0	3.69	0.002	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	NV	10	-6.11	-0.003	PASS
NVNT	Band	10	19150	50	#0	16QAM	NV	20	-9.70	-0.005	PASS

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NVNT	Band 2	10	19150	50	#0	16QAM	NV	30	-13.58	-0.007	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	NV	40	-18.38	-0.010	PASS
NVNT	Band 2	10	19150	50	#0	16QAM	NV	50	-18.95	-0.010	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	-30	40.48	0.022	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	-20	-9.68	-0.005	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	0	-16.57	-0.009	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	10	-29.45	-0.016	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	20	-36.03	-0.019	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	30	-42.70	-0.023	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	40	13.38	0.007	PASS
NVNT	Band 2	15	18675	75	#0	QPSK	NV	50	0.00	0.000	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	-30	-4.38	-0.002	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	-20	-20.56	-0.011	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	0	-22.14	-0.012	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	10	-26.97	-0.015	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	20	-25.39	-0.014	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	30	-27.62	-0.015	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	40	-30.53	-0.016	PASS
NVNT	Band 2	15	18675	75	#0	16QAM	NV	50	-34.09	-0.018	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	-30	-17.15	-0.009	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	-20	-12.56	-0.007	PASS

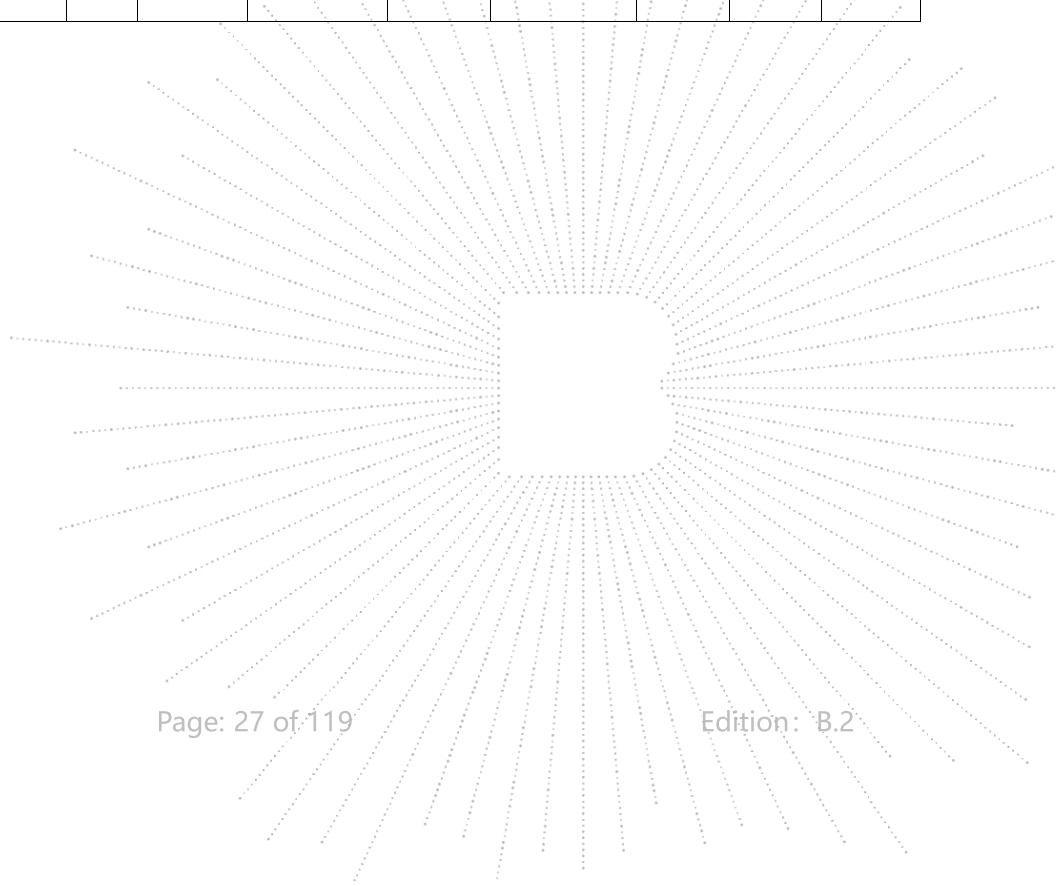
NVNT	Band 2	15	18900	75	#0	QPSK	NV	0	-17.84	-0.009	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	10	-28.31	-0.015	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	20	-28.78	-0.015	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	30	-37.08	-0.020	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	40	-20.21	-0.011	PASS
NVNT	Band 2	15	18900	75	#0	QPSK	NV	50	-34.03	-0.018	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	-30	-14.41	-0.008	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	-20	-22.96	-0.012	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	0	-23.50	-0.013	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	10	-32.24	-0.017	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	20	-22.96	-0.012	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	30	1.29	0.001	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	40	-6.91	-0.004	PASS
NVNT	Band 2	15	18900	75	#0	16QAM	NV	50	-11.24	-0.006	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	-30	11.07	0.006	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	-20	0.79	0.000	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	0	-0.03	0.000	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	10	-14.71	-0.008	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	20	-27.28	-0.014	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	30	-37.14	-0.020	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	40	-40.38	-0.021	PASS
NVNT	Band 2	15	19125	75	#0	QPSK	NV	50	-9.73	-0.005	PASS

	2										
NVNT	Band 2	15	19125	75	#0	16QAM	NV	-30	-16.11	-0.008	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	-20	-20.90	-0.011	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	0	-28.24	-0.015	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	10	-31.07	-0.016	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	20	0.23	0.000	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	30	-6.82	-0.004	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	40	-19.48	-0.010	PASS
NVNT	Band 2	15	19125	75	#0	16QAM	NV	50	-29.80	-0.016	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	-30	28.77	0.015	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	-20	5.18	0.003	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	0	2.62	0.001	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	10	-5.24	-0.003	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	20	-13.95	-0.008	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	30	-17.55	-0.009	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	40	-30.48	-0.016	PASS
NVNT	Band 2	20	18700	100	#0	QPSK	NV	50	-32.99	-0.018	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	-30	-44.02	-0.024	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	-20	-43.95	-0.024	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	0	-32.99	-0.018	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	10	-4.02	-0.002	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	20	-4.66	-0.003	PASS



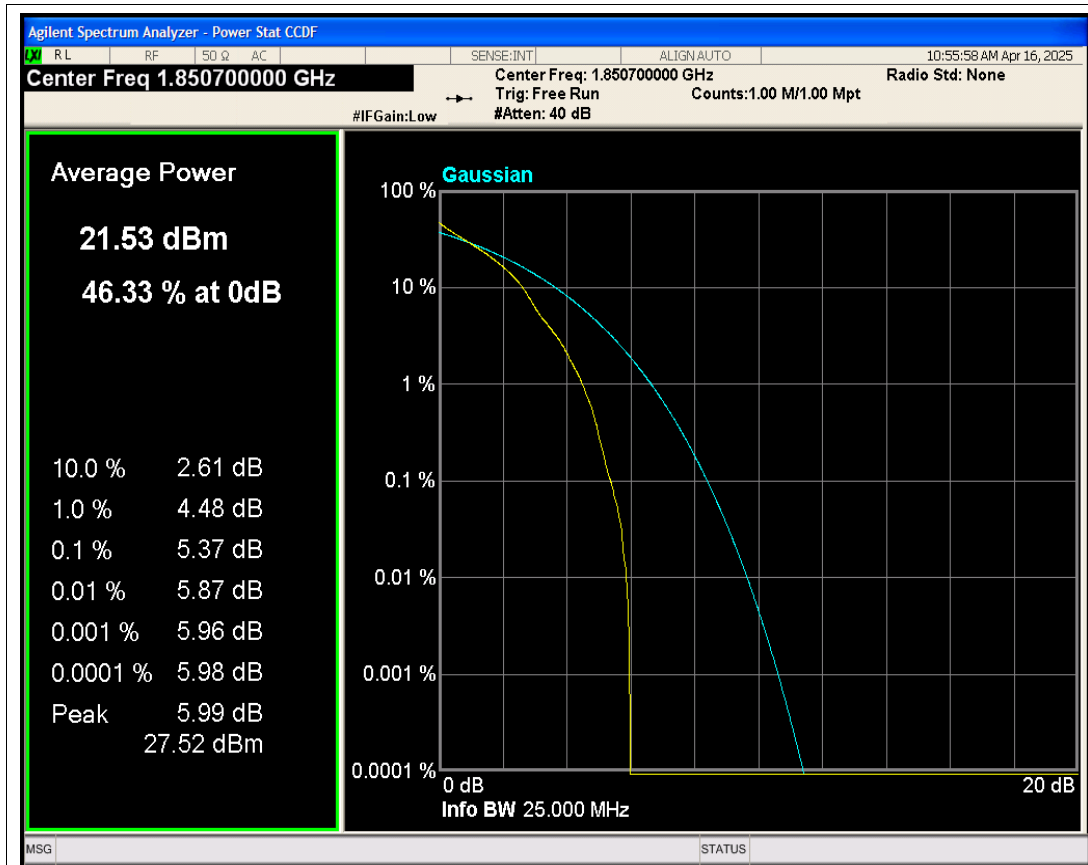
NVNT	Band 2	20	18700	100	#0	16QAM	NV	30	-8.00	-0.004	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	40	-11.14	-0.006	PASS
NVNT	Band 2	20	18700	100	#0	16QAM	NV	50	-15.19	-0.008	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	-30	2.23	0.001	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	-20	8.61	0.005	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	0	0.04	0.000	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	10	-3.89	-0.002	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	20	-7.34	-0.004	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	30	-13.12	-0.007	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	40	-22.30	-0.012	PASS
NVNT	Band 2	20	18900	100	#0	QPSK	NV	50	-24.93	-0.013	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	-30	-28.45	-0.015	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	-20	-32.67	-0.017	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	0	-33.87	-0.018	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	10	-1.36	-0.001	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	20	1.82	0.001	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	30	-5.85	-0.003	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	40	-3.85	-0.002	PASS
NVNT	Band 2	20	18900	100	#0	16QAM	NV	50	-1.59	-0.001	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	-30	3.06	0.002	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	-20	9.04	0.005	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	0	2.95	0.002	PASS

	2										
NVNT	Band 2	20	19100	100	#0	QPSK	NV	10	-1.06	-0.001	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	20	-8.37	-0.004	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	30	-12.66	-0.007	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	40	-21.04	-0.011	PASS
NVNT	Band 2	20	19100	100	#0	QPSK	NV	50	-37.11	-0.020	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	-30	-15.84	-0.008	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	-20	-16.32	-0.009	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	0	-23.59	-0.012	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	10	-13.83	-0.007	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	20	-7.32	-0.004	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	30	-4.76	-0.003	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	40	-8.25	-0.004	PASS
NVNT	Band 2	20	19100	100	#0	16QAM	NV	50	-8.55	-0.005	PASS

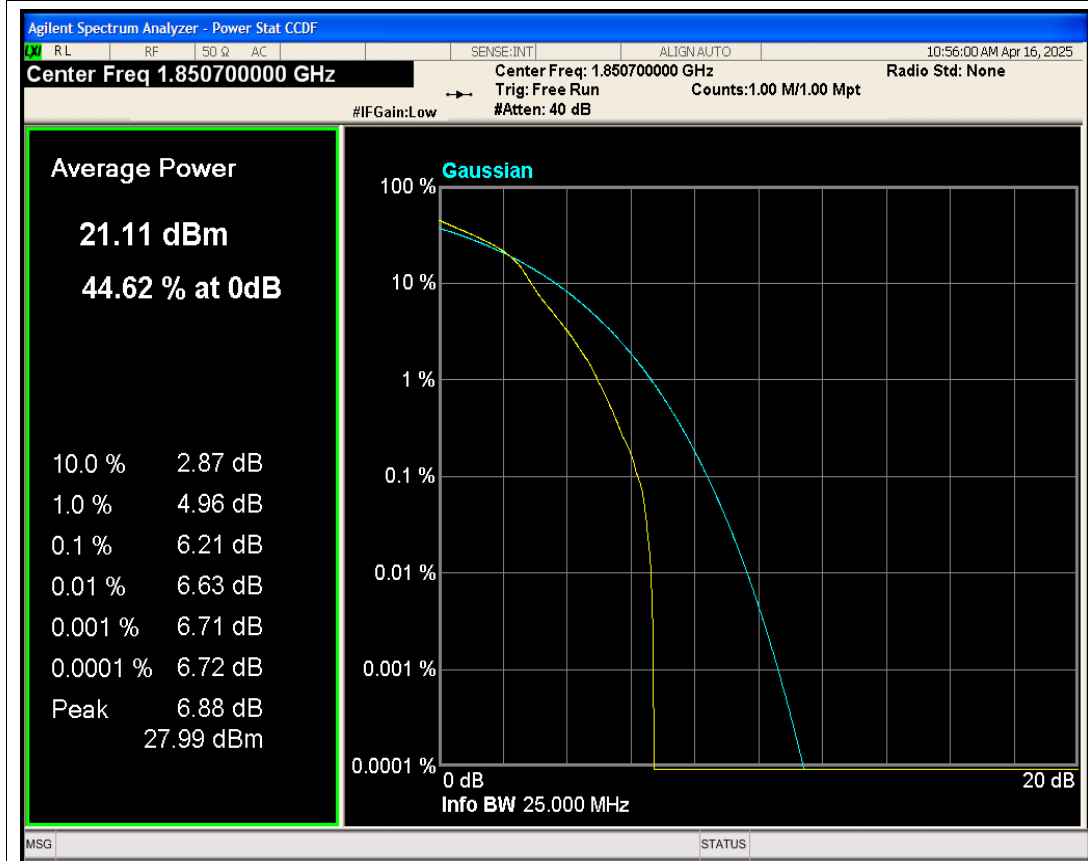


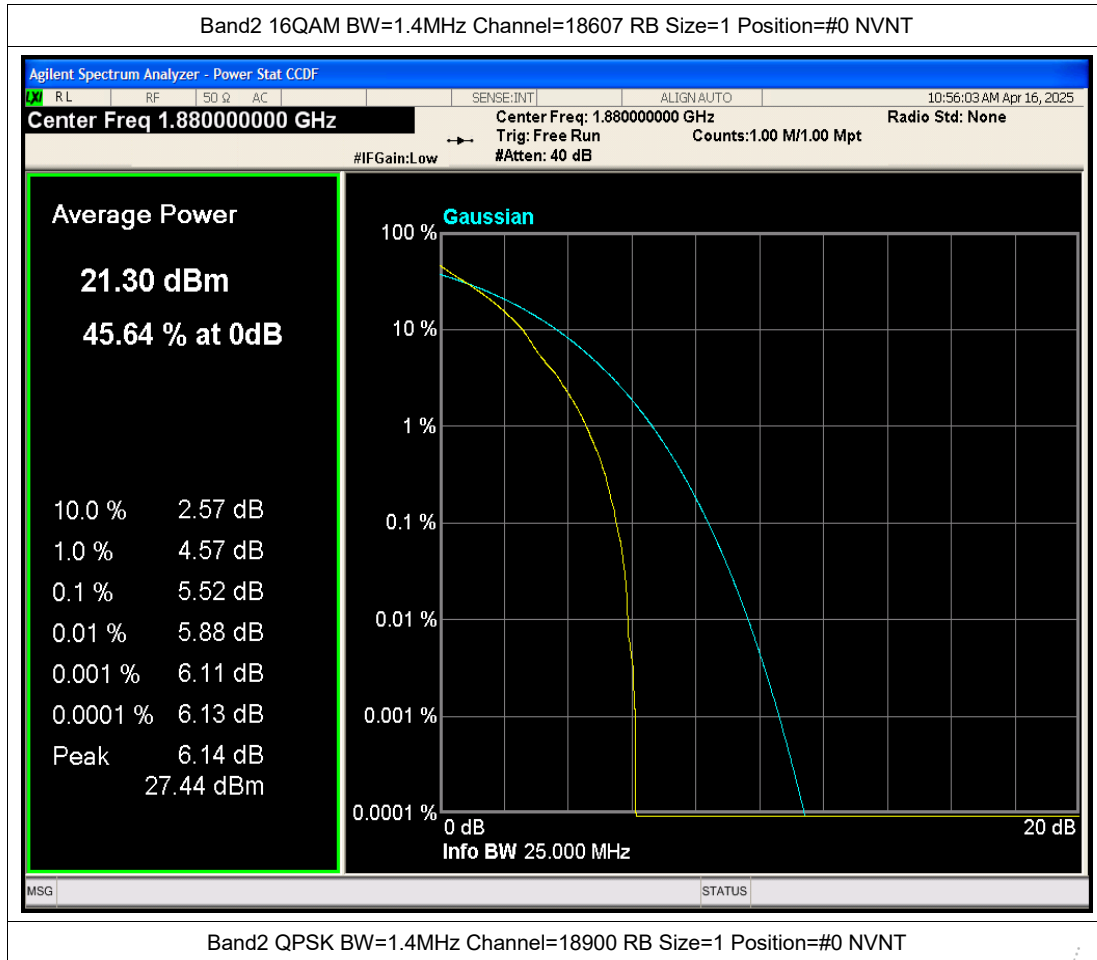
### Appendix 3. Peak-to-Average Ratio

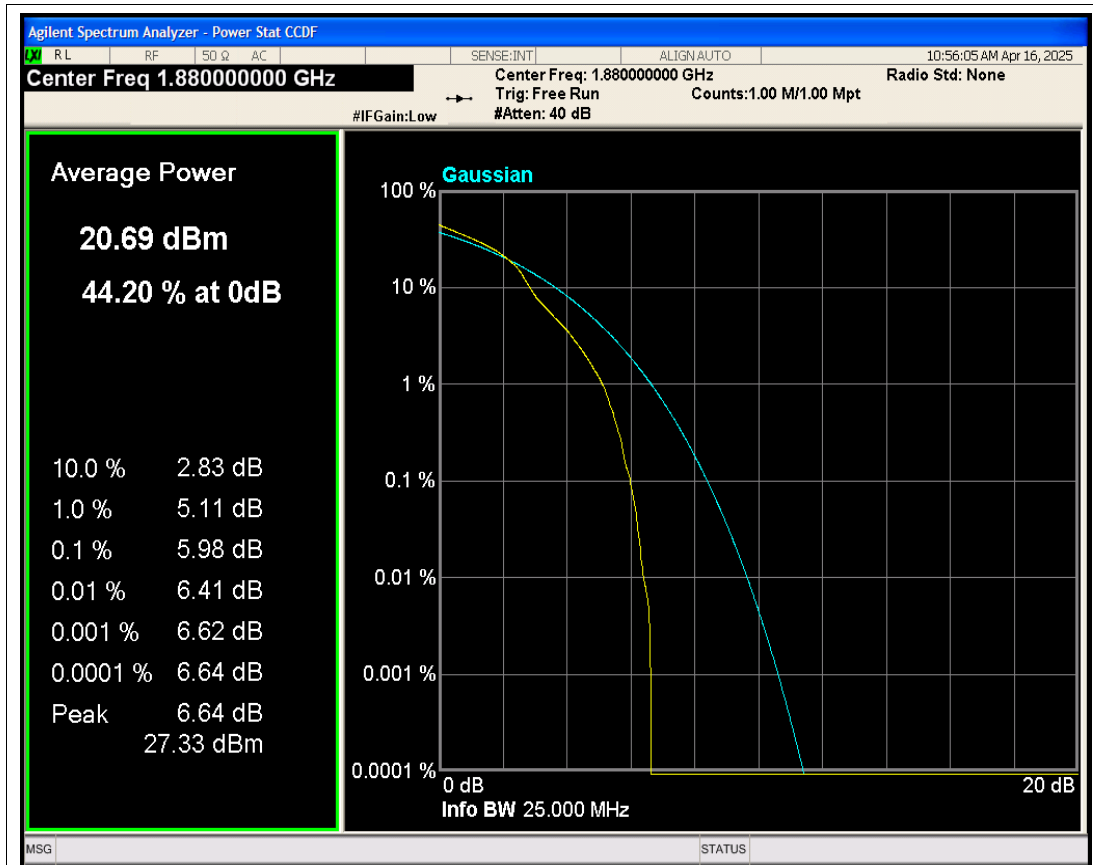
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band2	1.4	18607	1	#0	QPSK	5.37	13	PASS
NVNT	Band2	1.4	18607	1	#0	16QAM	6.21	13	PASS
NVNT	Band2	1.4	18900	1	#0	QPSK	5.52	13	PASS
NVNT	Band2	1.4	18900	1	#0	16QAM	5.98	13	PASS
NVNT	Band2	1.4	19193	1	#0	QPSK	5.37	13	PASS
NVNT	Band2	1.4	19193	1	#0	16QAM	5.37	13	PASS
NVNT	Band2	3	18615	1	#0	QPSK	5.43	13	PASS
NVNT	Band2	3	18615	1	#0	16QAM	6.22	13	PASS
NVNT	Band2	3	18900	1	#0	QPSK	5.69	13	PASS
NVNT	Band2	3	18900	1	#0	16QAM	6.16	13	PASS
NVNT	Band2	3	19185	1	#0	QPSK	5.27	13	PASS
NVNT	Band2	3	19185	1	#0	16QAM	5.70	13	PASS
NVNT	Band2	5	18625	1	#0	QPSK	5.75	13	PASS
NVNT	Band2	5	18625	1	#0	16QAM	6.12	13	PASS
NVNT	Band2	5	18900	1	#0	QPSK	5.44	13	PASS
NVNT	Band2	5	18900	1	#0	16QAM	5.82	13	PASS
NVNT	Band2	5	19175	1	#0	QPSK	5.22	13	PASS
NVNT	Band2	5	19175	1	#0	16QAM	5.77	13	PASS
NVNT	Band2	10	18650	1	#0	QPSK	5.32	13	PASS
NVNT	Band2	10	18650	1	#0	16QAM	5.96	13	PASS
NVNT	Band2	10	18900	1	#0	QPSK	5.09	13	PASS
NVNT	Band2	10	18900	1	#0	16QAM	5.90	13	PASS
NVNT	Band2	10	19150	1	#0	QPSK	3.73	13	PASS
NVNT	Band2	10	19150	1	#0	16QAM	4.53	13	PASS
NVNT	Band2	15	18675	1	#0	QPSK	5.31	13	PASS
NVNT	Band2	15	18675	1	#0	16QAM	5.98	13	PASS
NVNT	Band2	15	18900	1	#0	QPSK	4.48	13	PASS
NVNT	Band2	15	18900	1	#0	16QAM	5.13	13	PASS
NVNT	Band2	15	19125	1	#0	QPSK	4.48	13	PASS
NVNT	Band2	15	19125	1	#0	16QAM	4.80	13	PASS
NVNT	Band2	20	18700	1	#0	QPSK	5.16	13	PASS
NVNT	Band2	20	18700	1	#0	16QAM	5.52	13	PASS
NVNT	Band2	20	18900	1	#0	QPSK	3.85	13	PASS
NVNT	Band2	20	18900	1	#0	16QAM	4.58	13	PASS
NVNT	Band2	20	19100	1	#0	QPSK	5.21	13	PASS
NVNT	Band2	20	19100	1	#0	16QAM	5.69	13	PASS



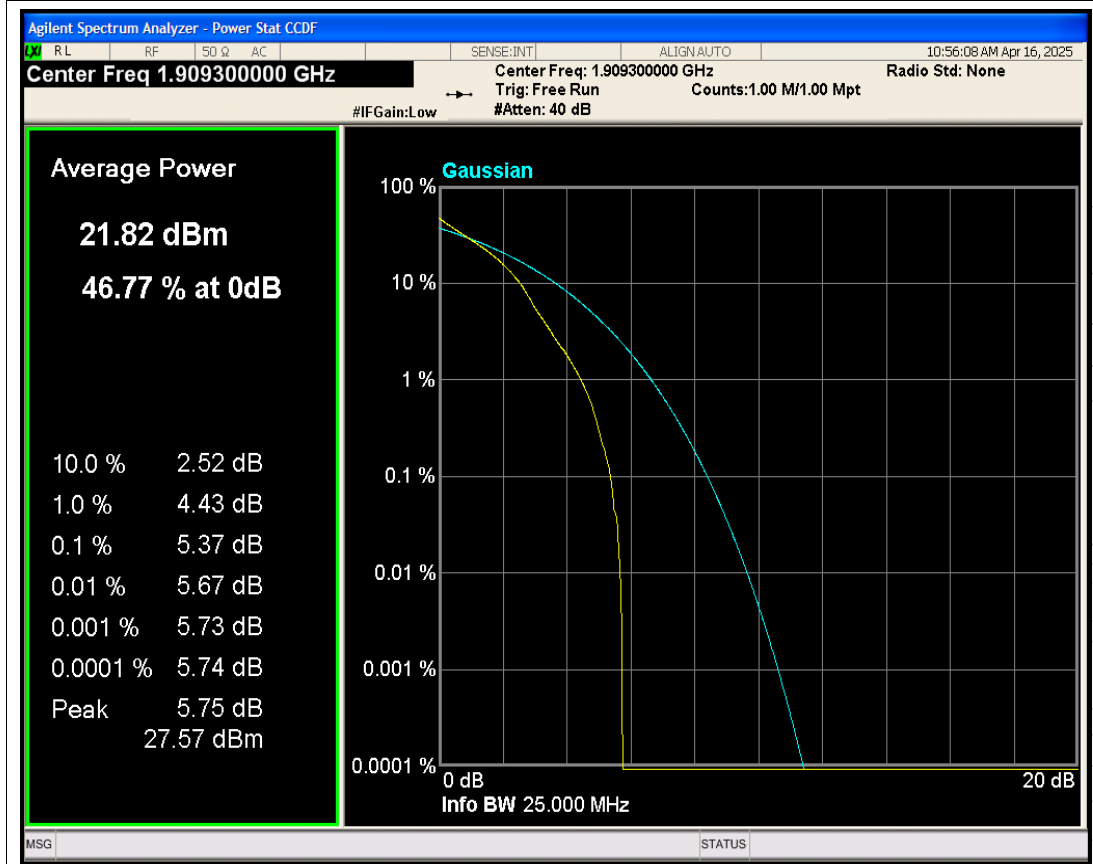
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0 NVNT



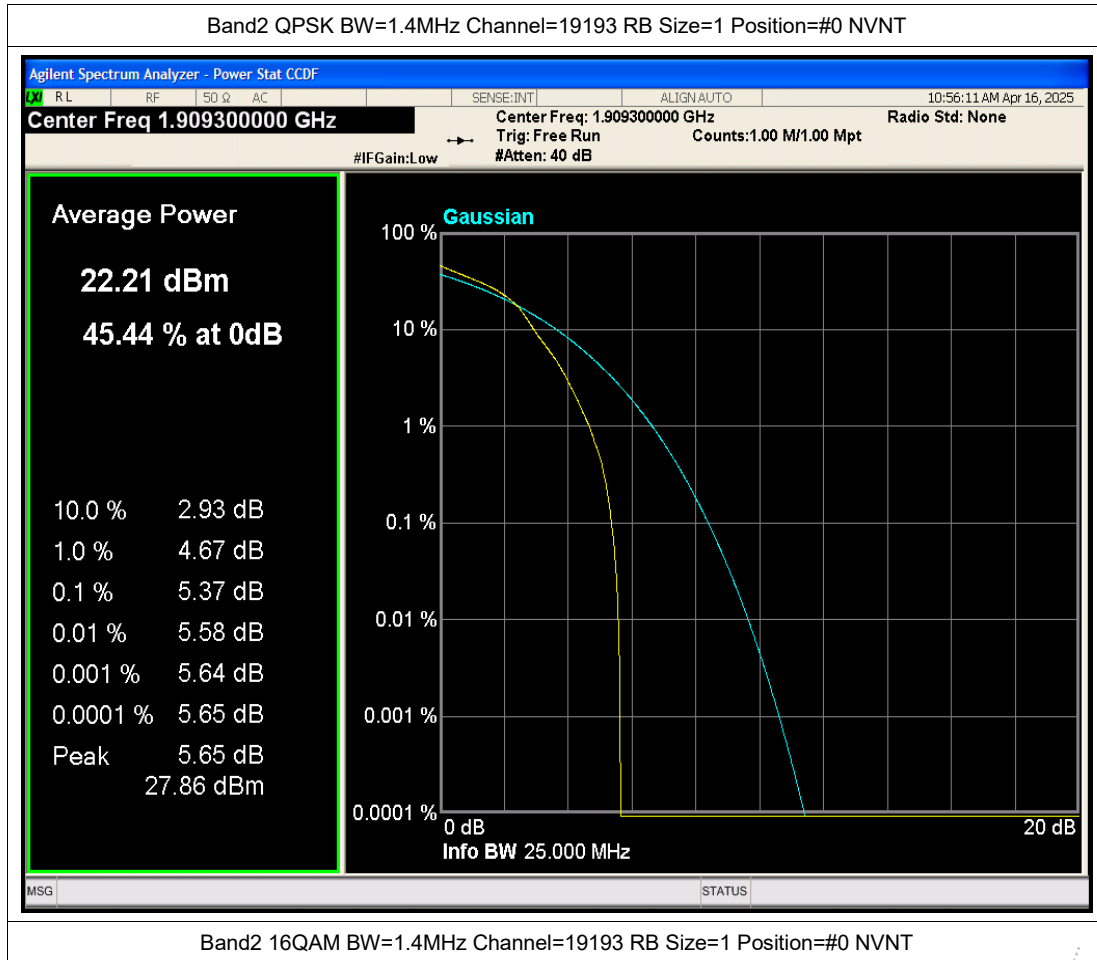


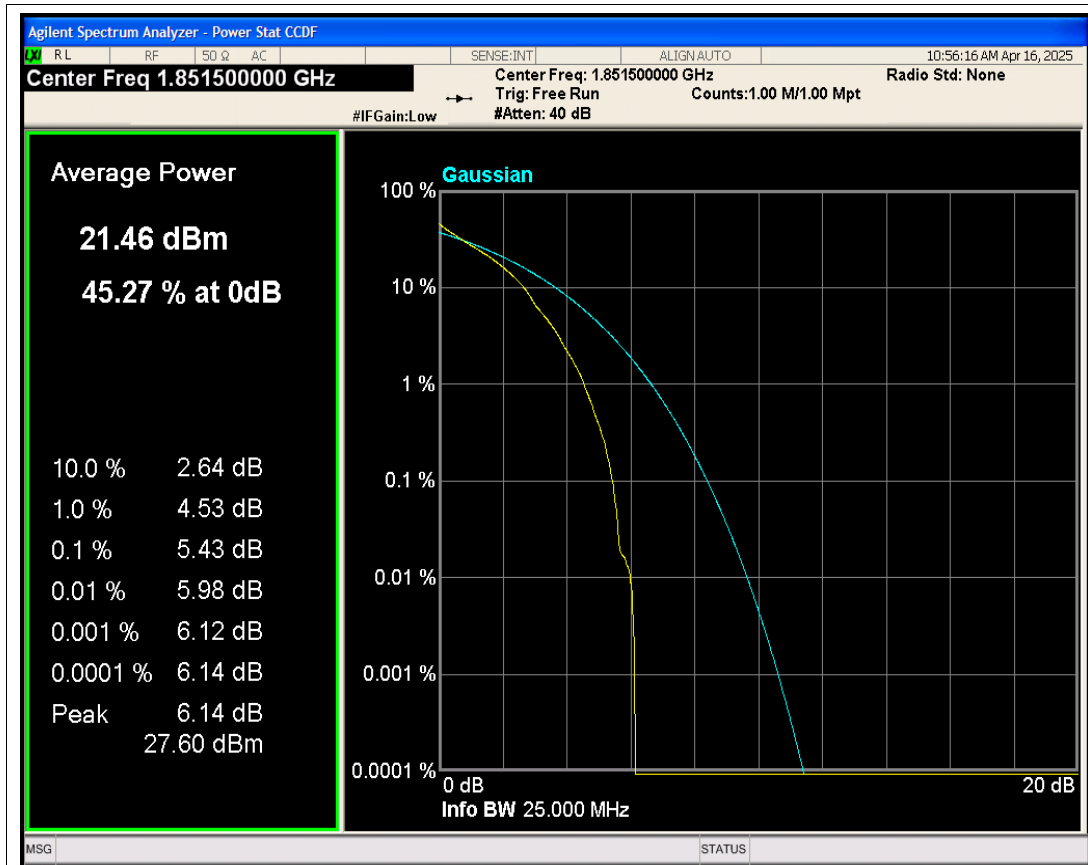


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0 NVNT

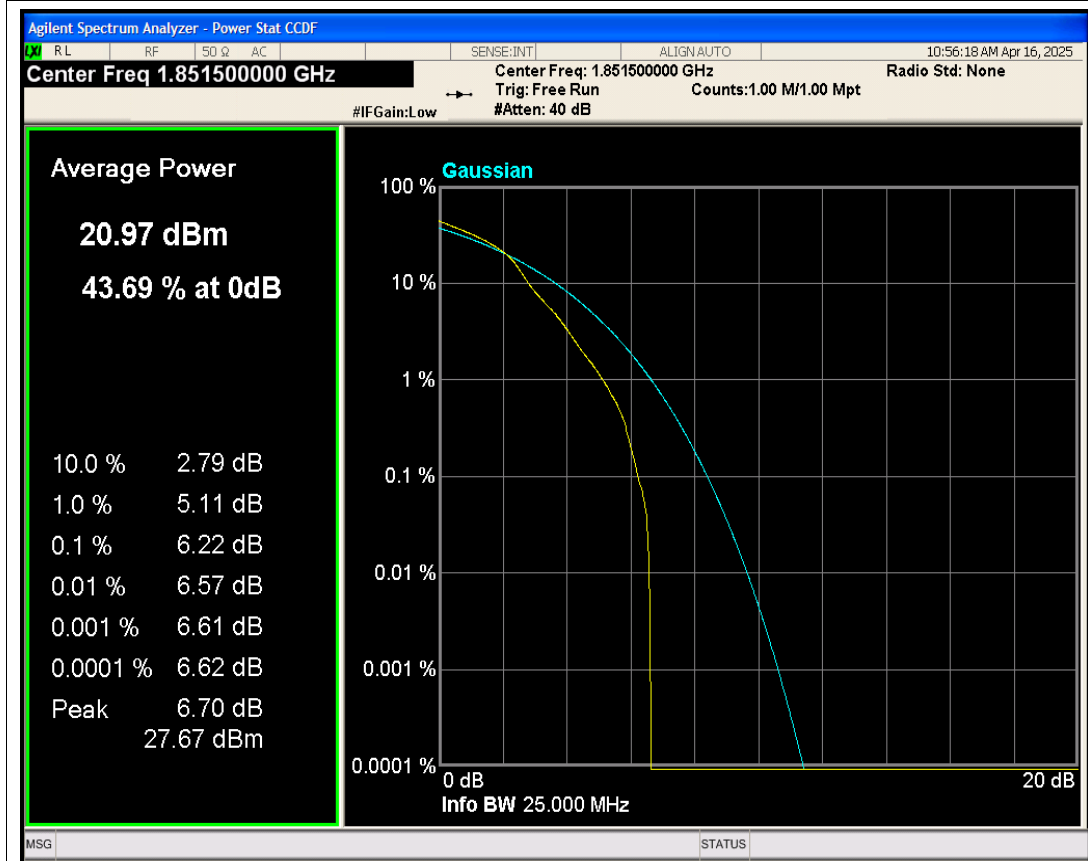


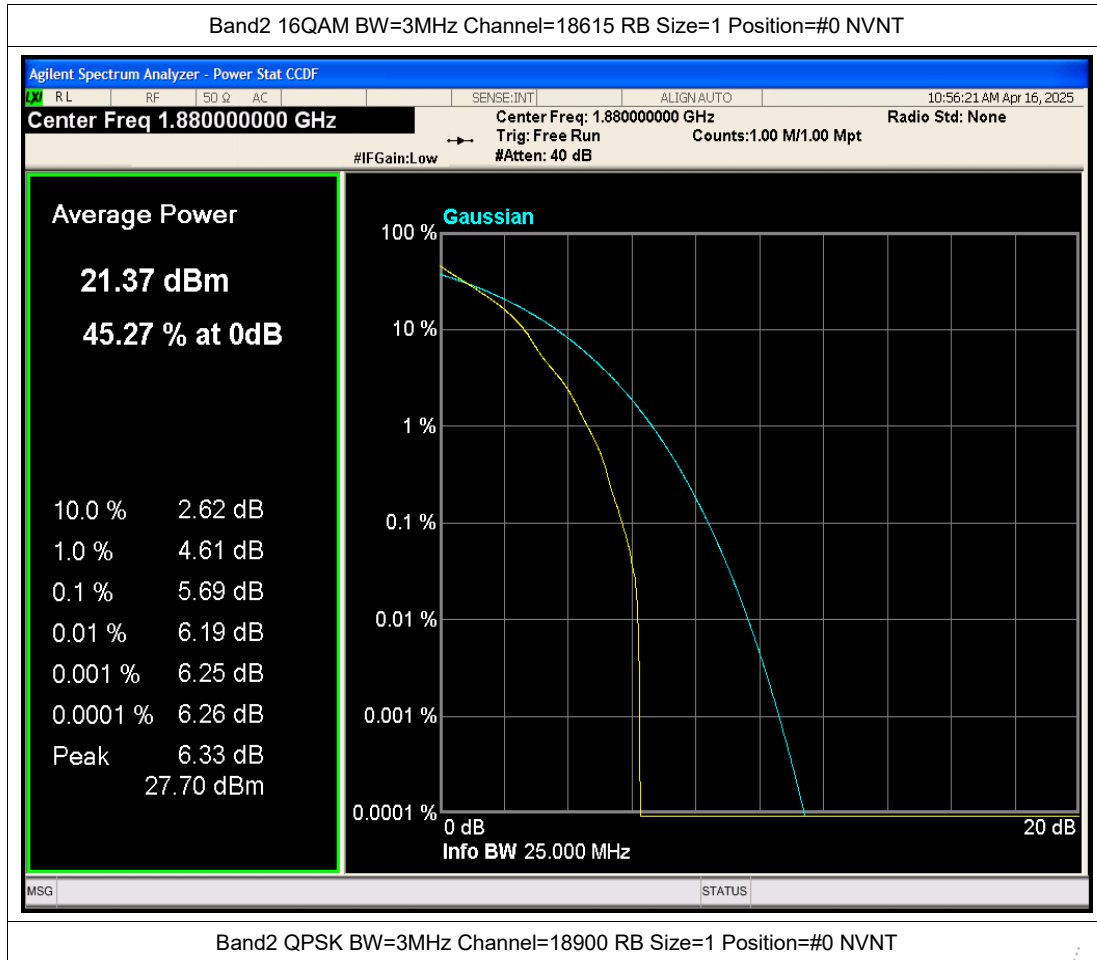


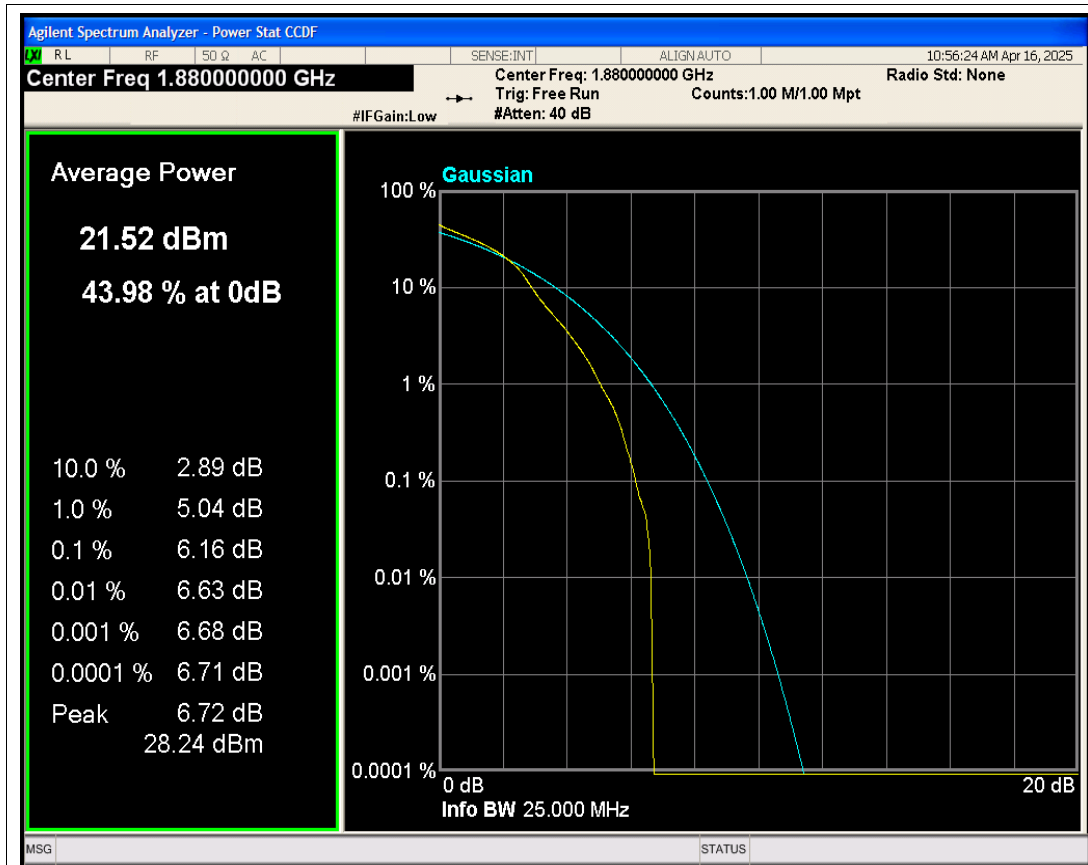




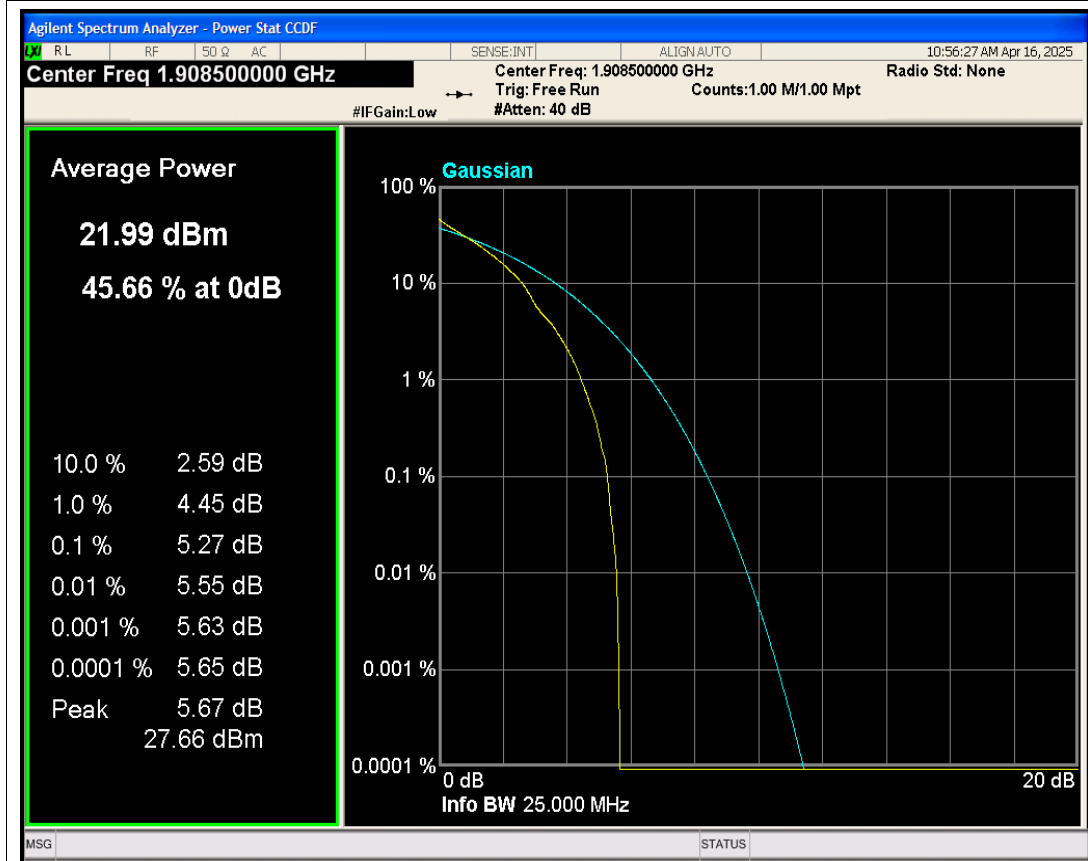
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0 NVNT

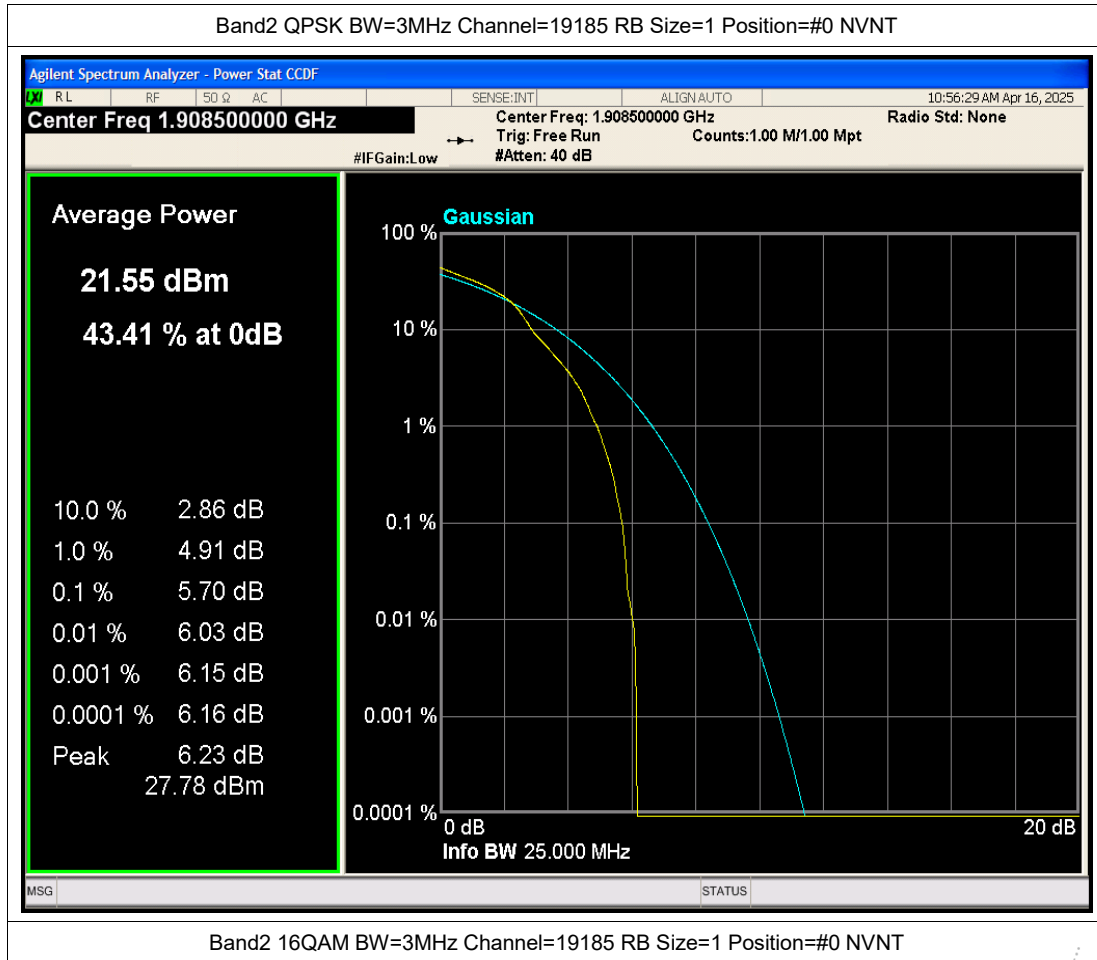


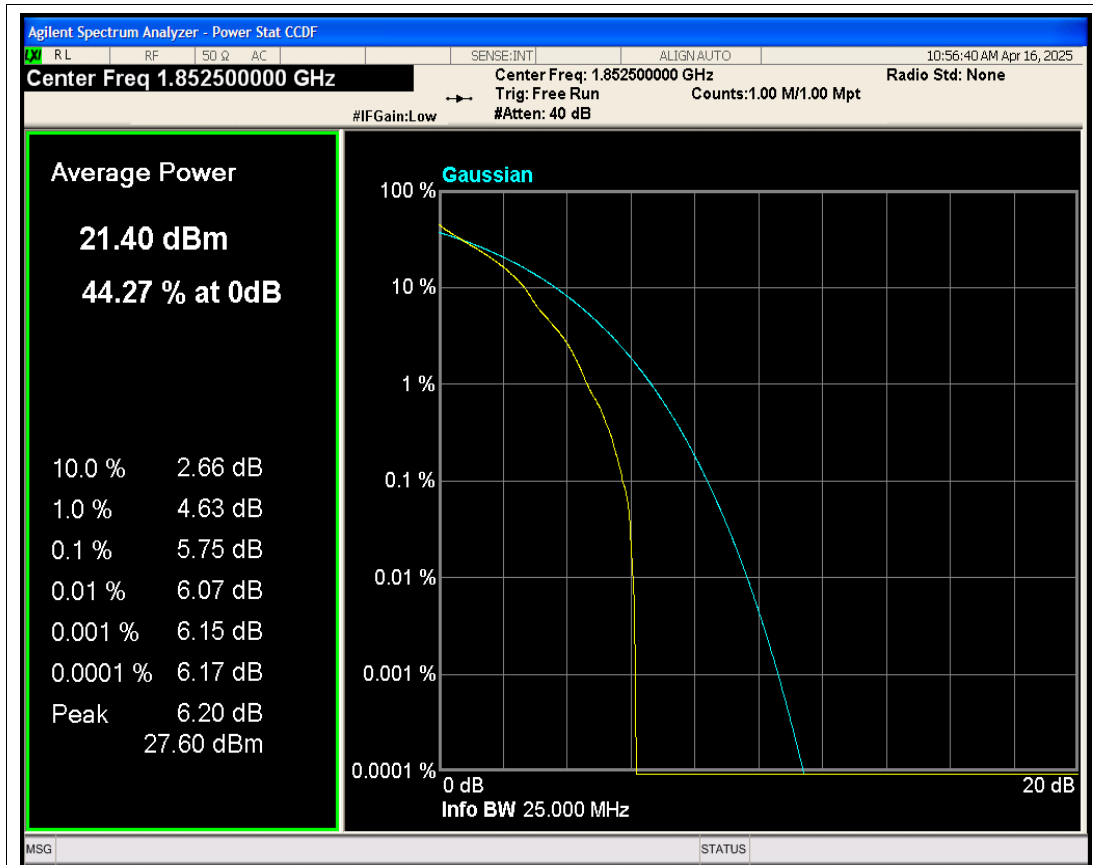




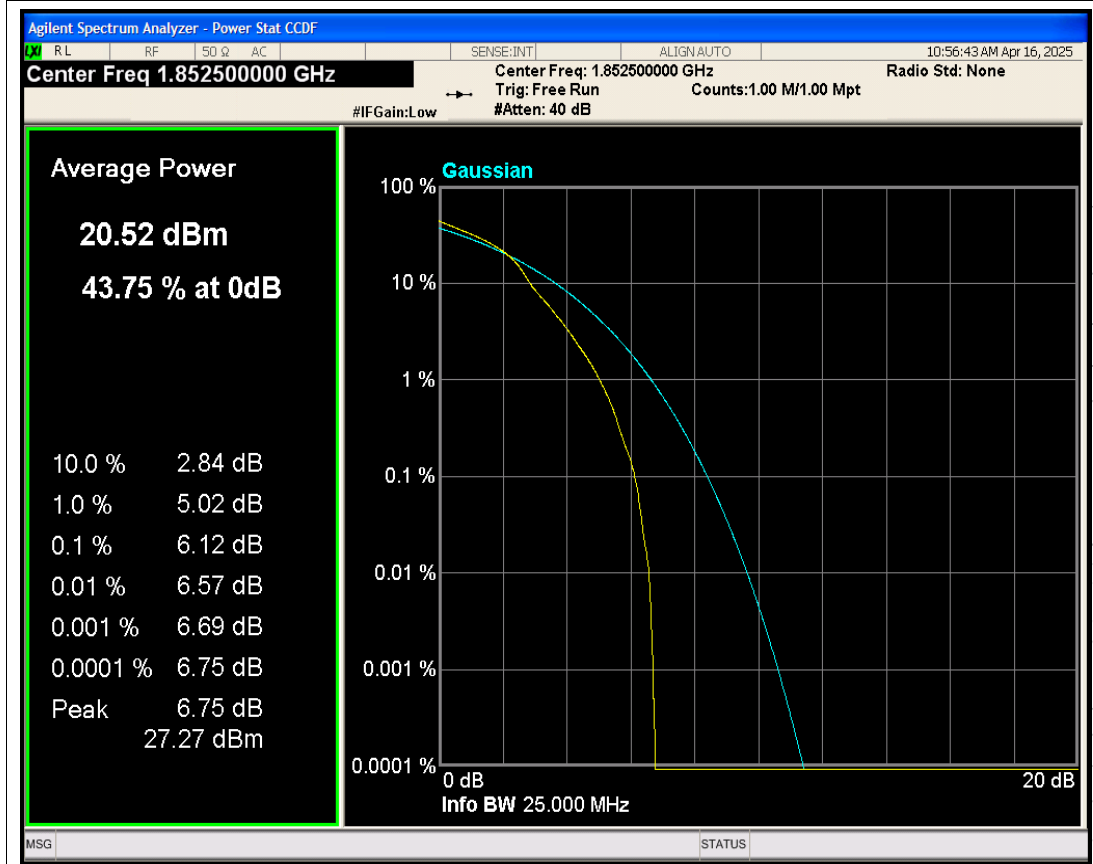
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0 NVNT





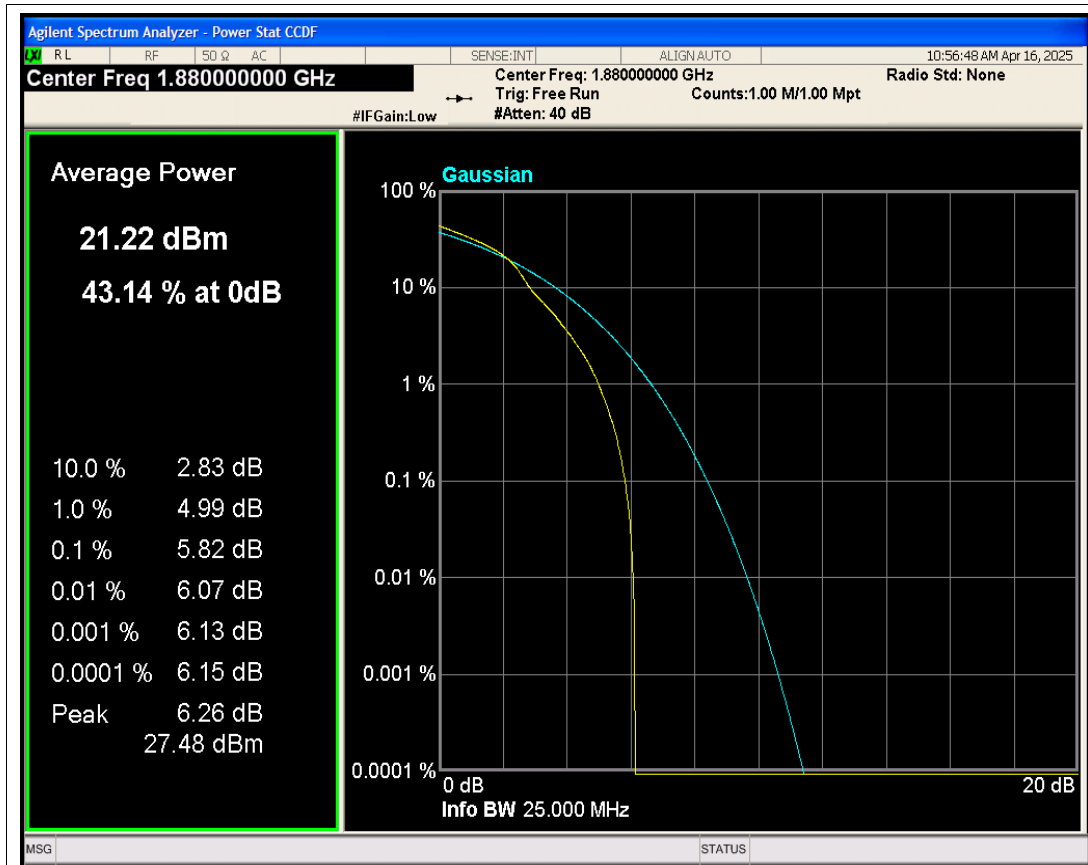


Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0 NVNT

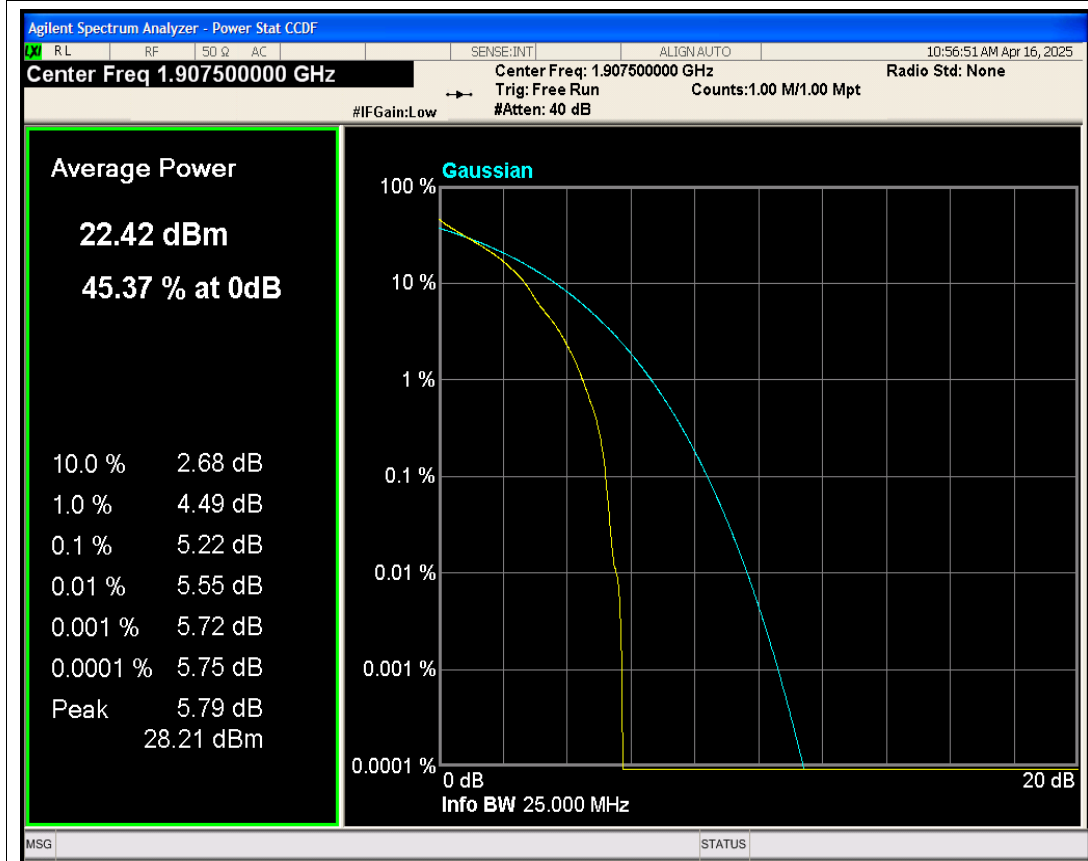


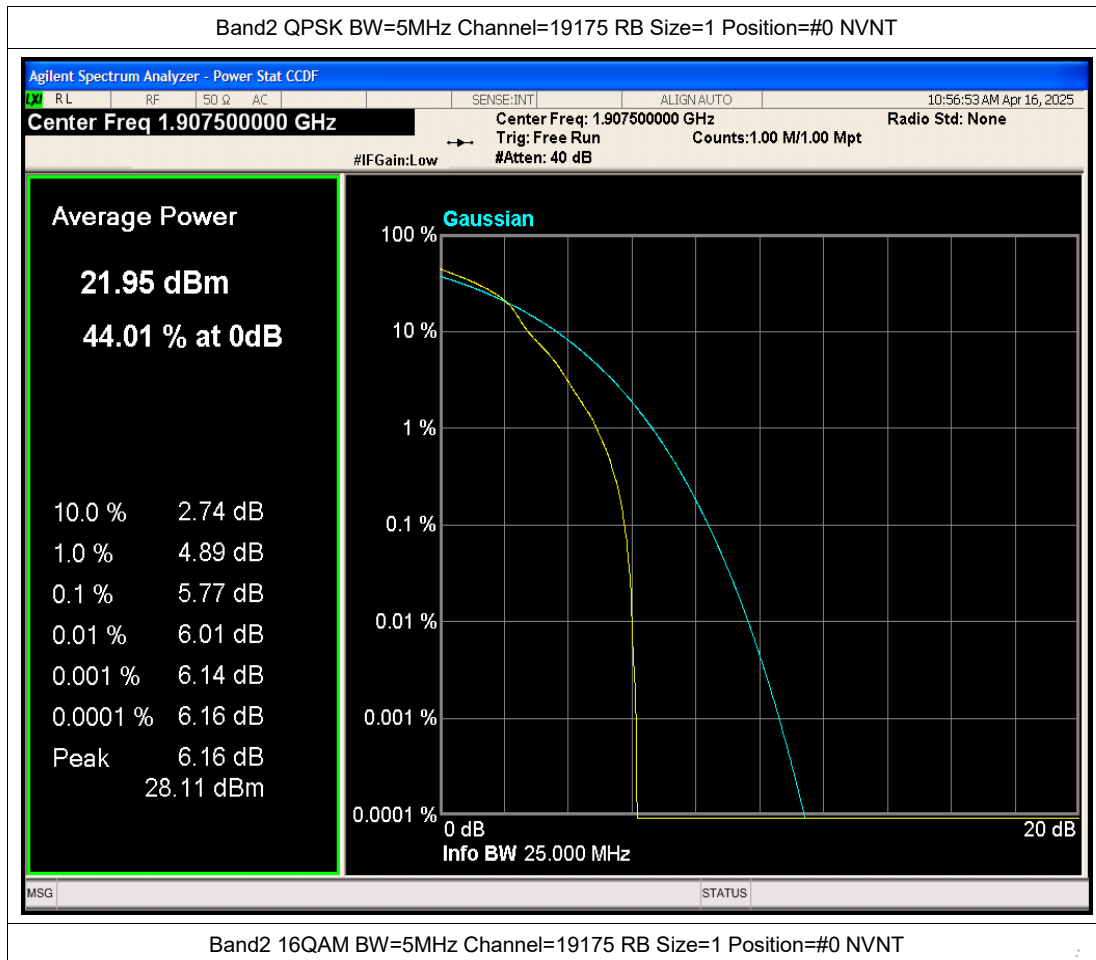


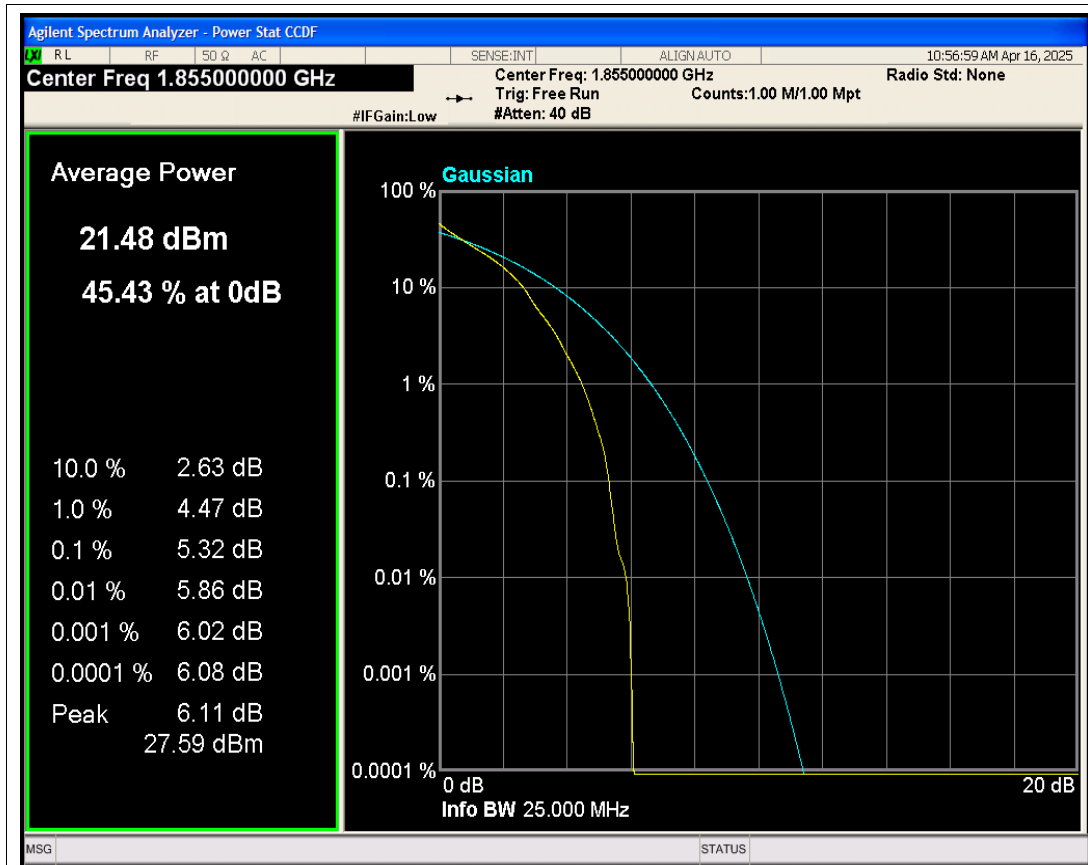




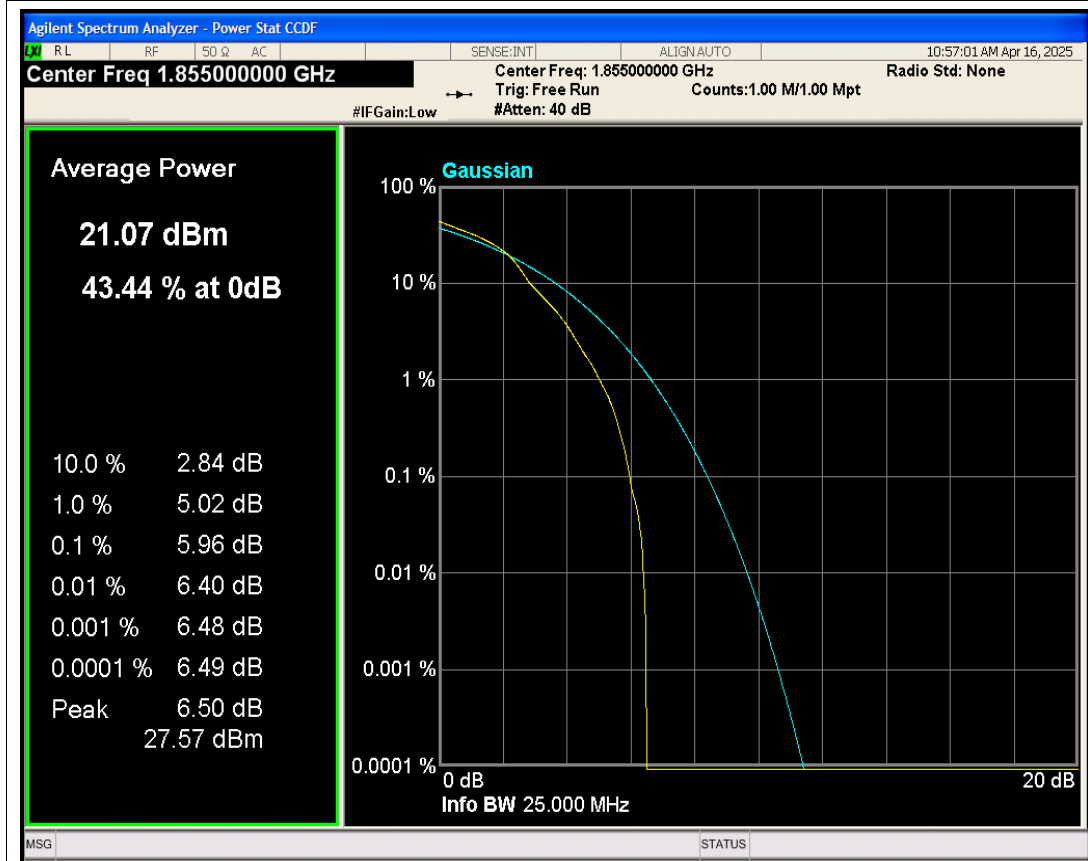
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0 NVNT

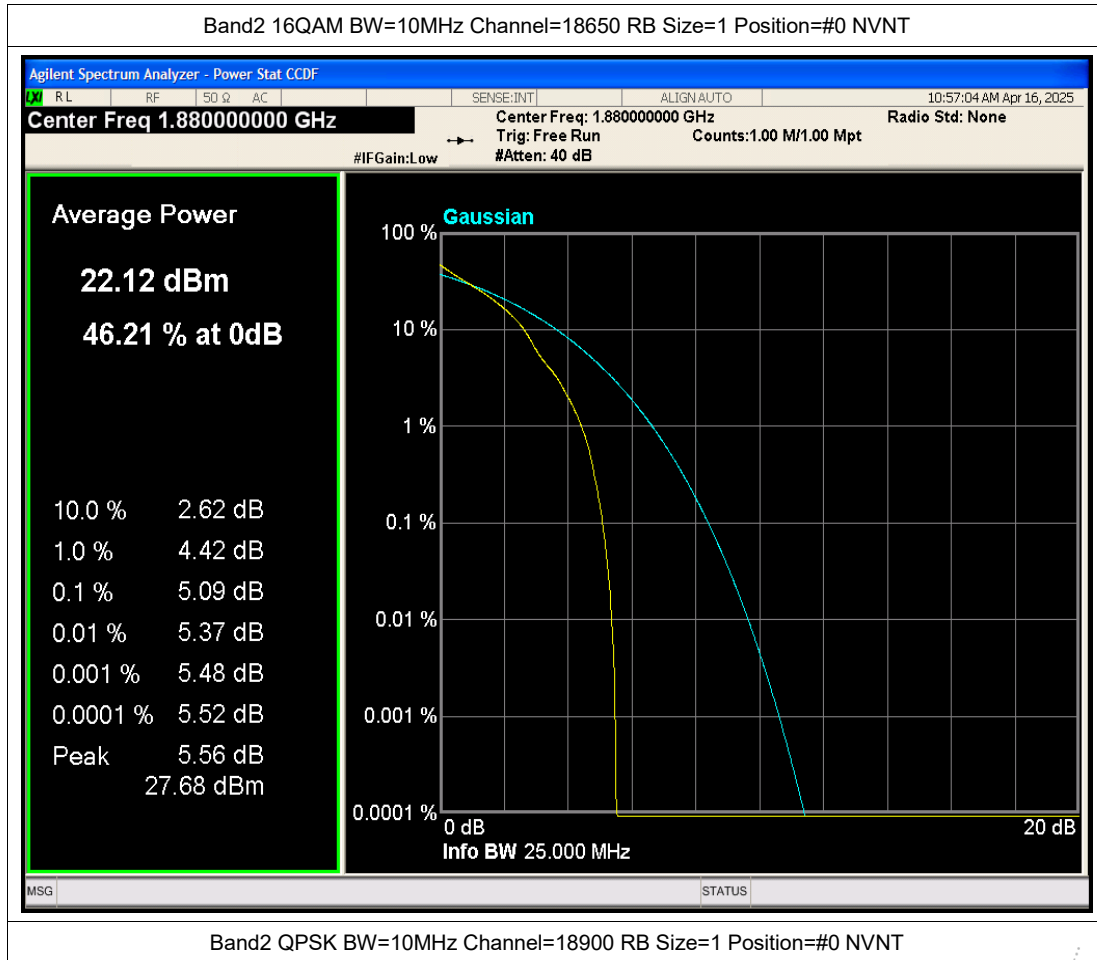


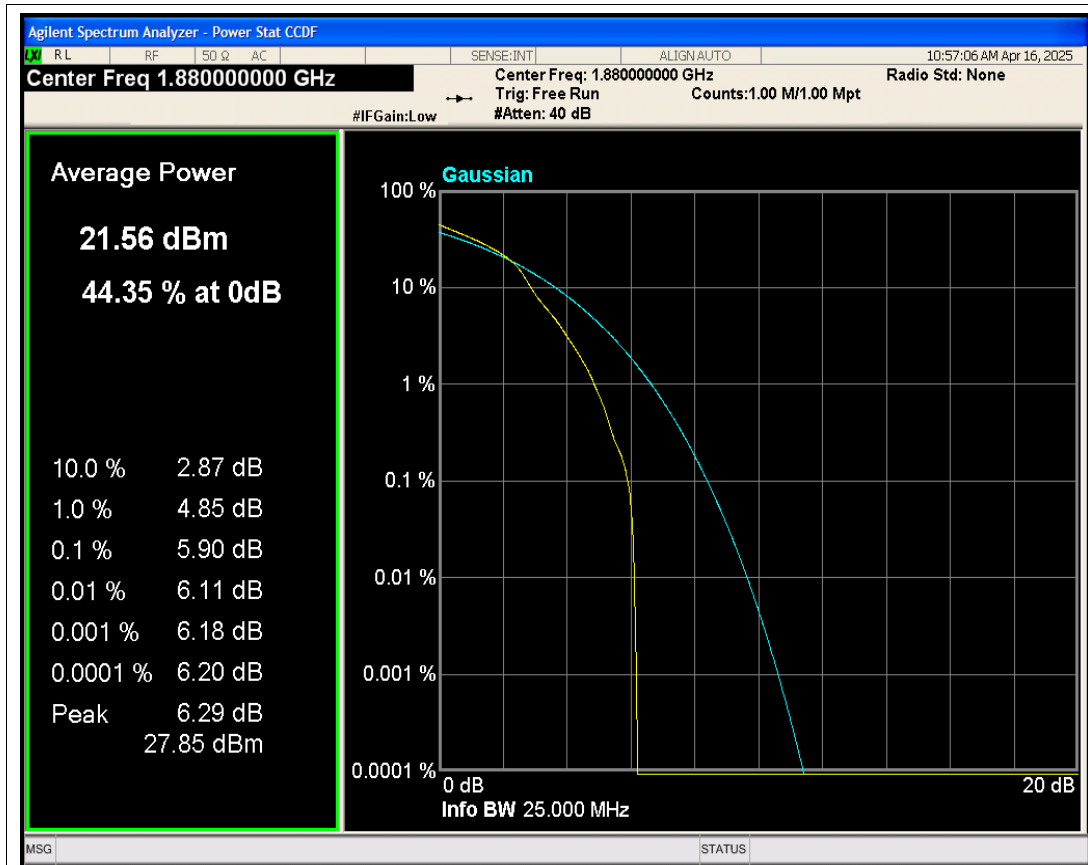




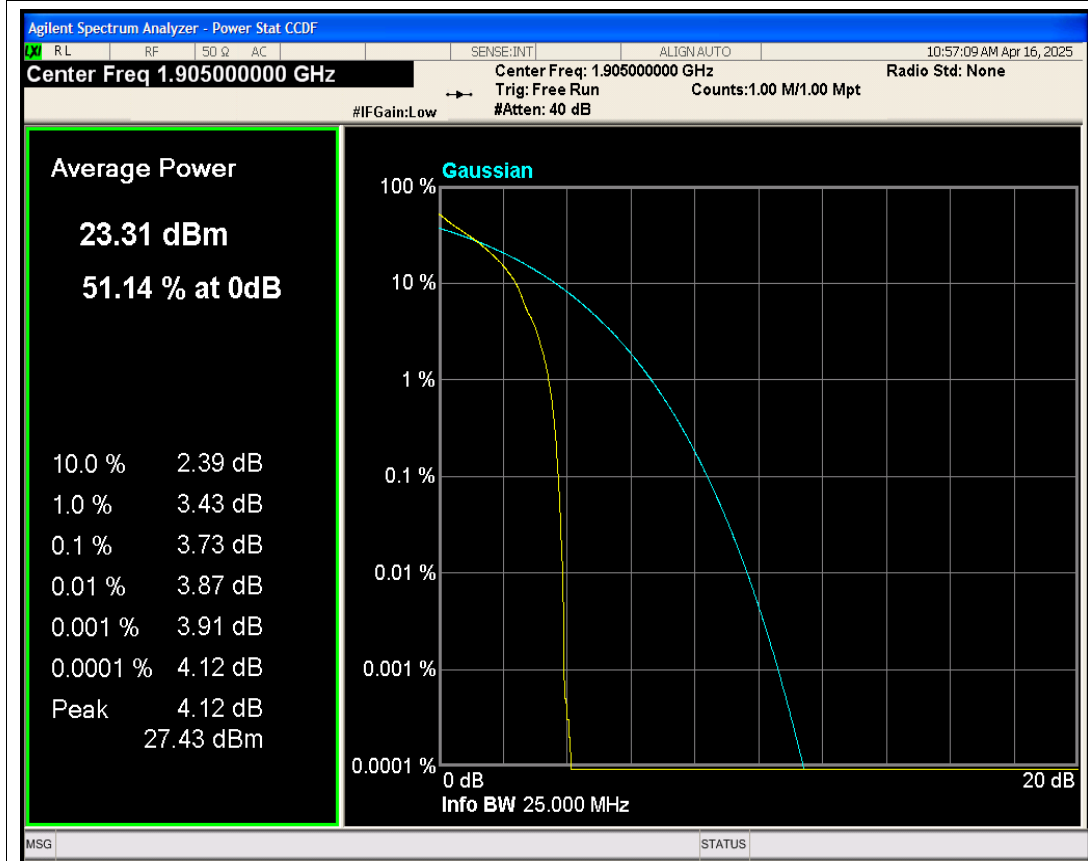
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0 NVNT

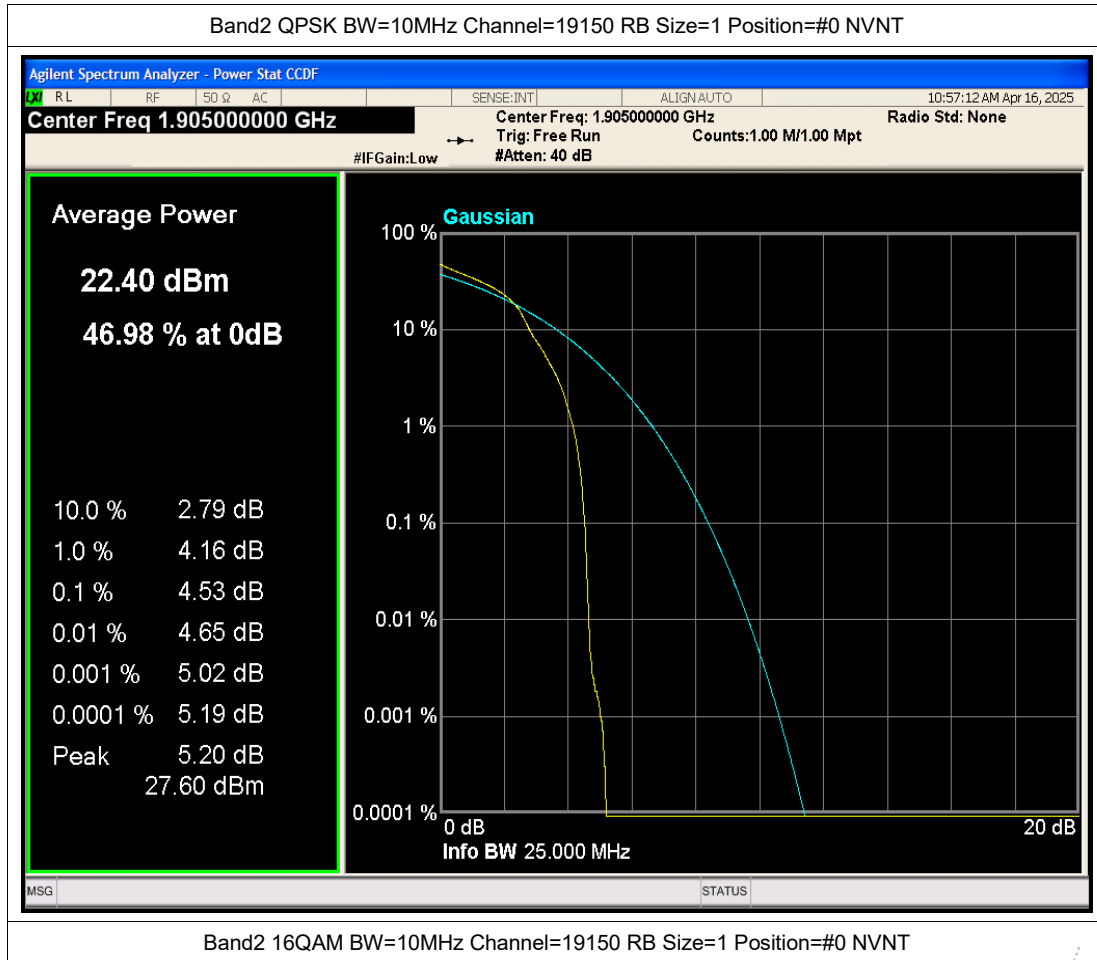


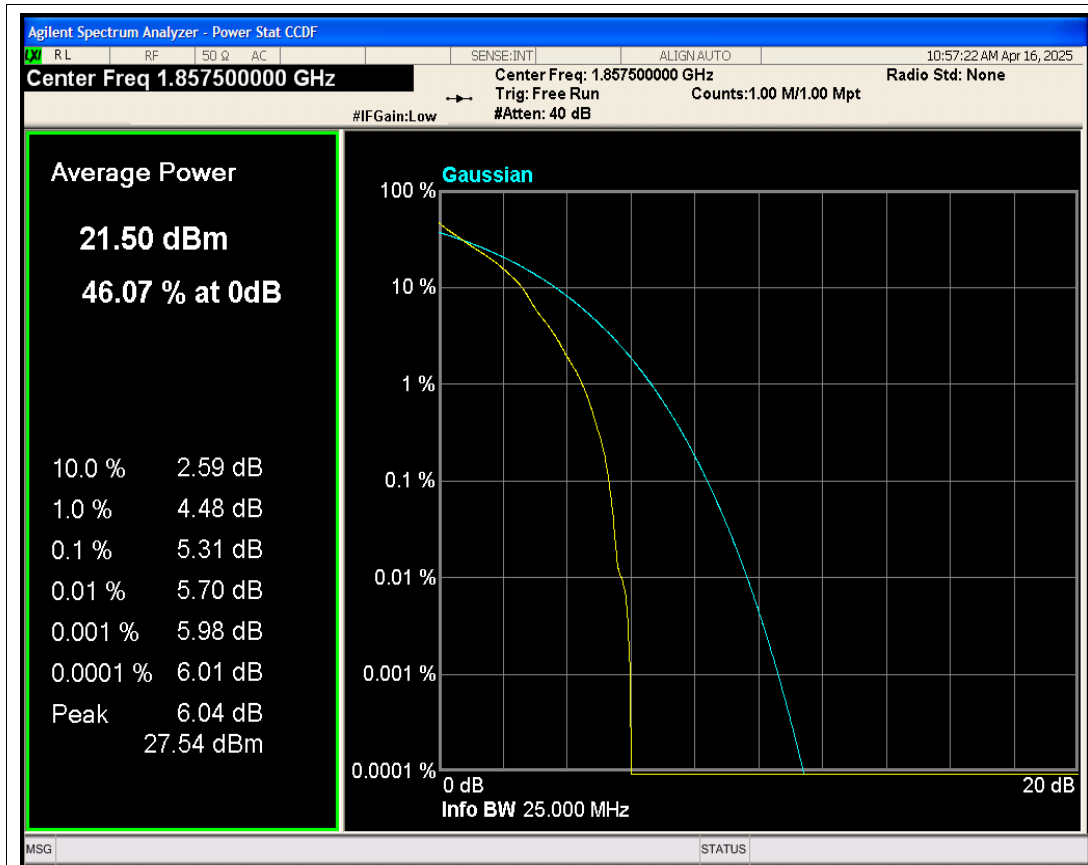




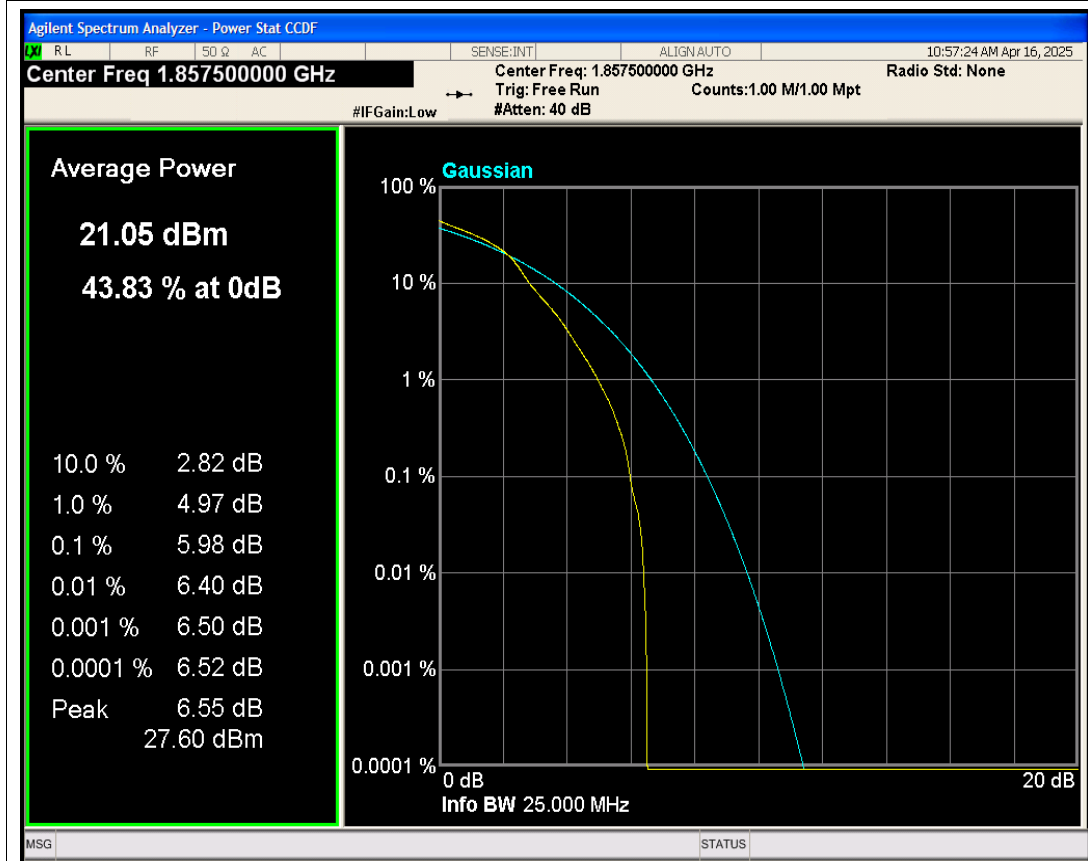
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0 NVNT



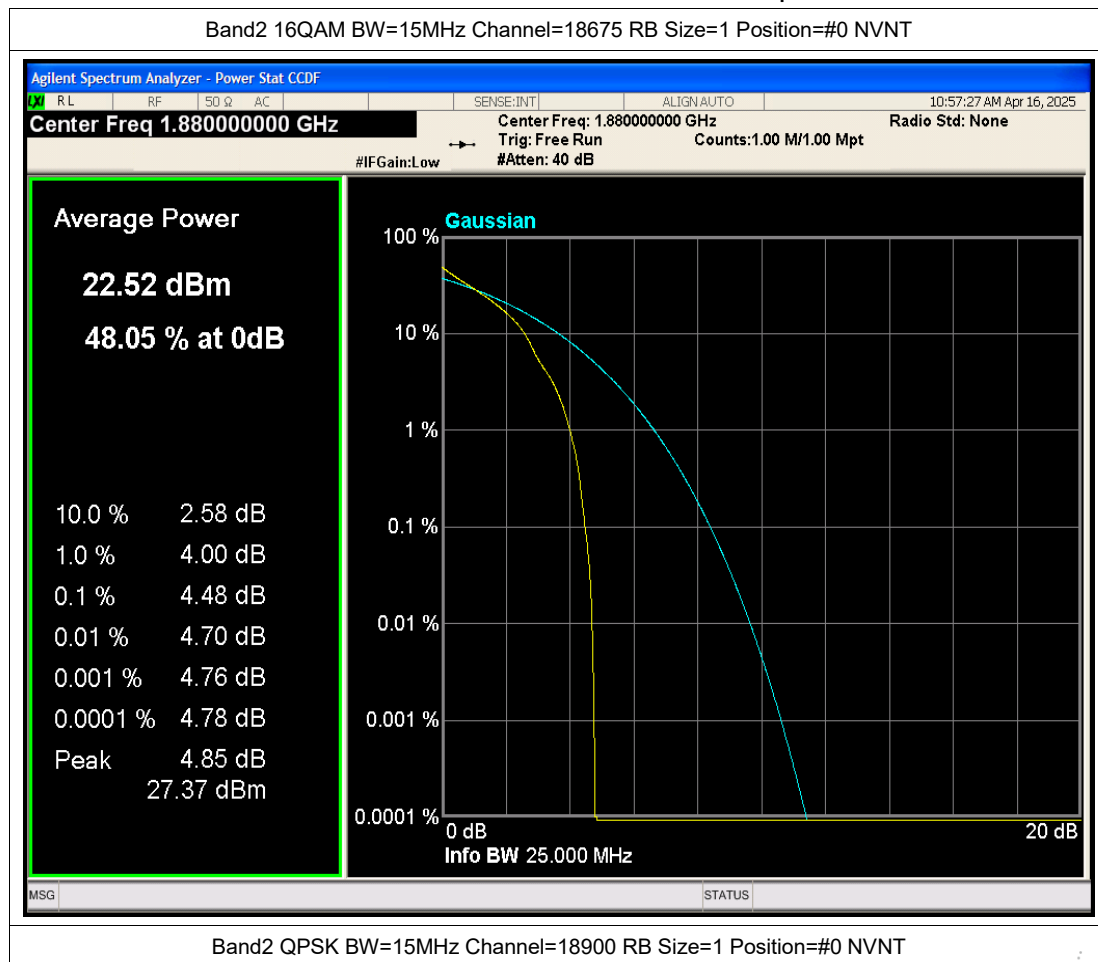


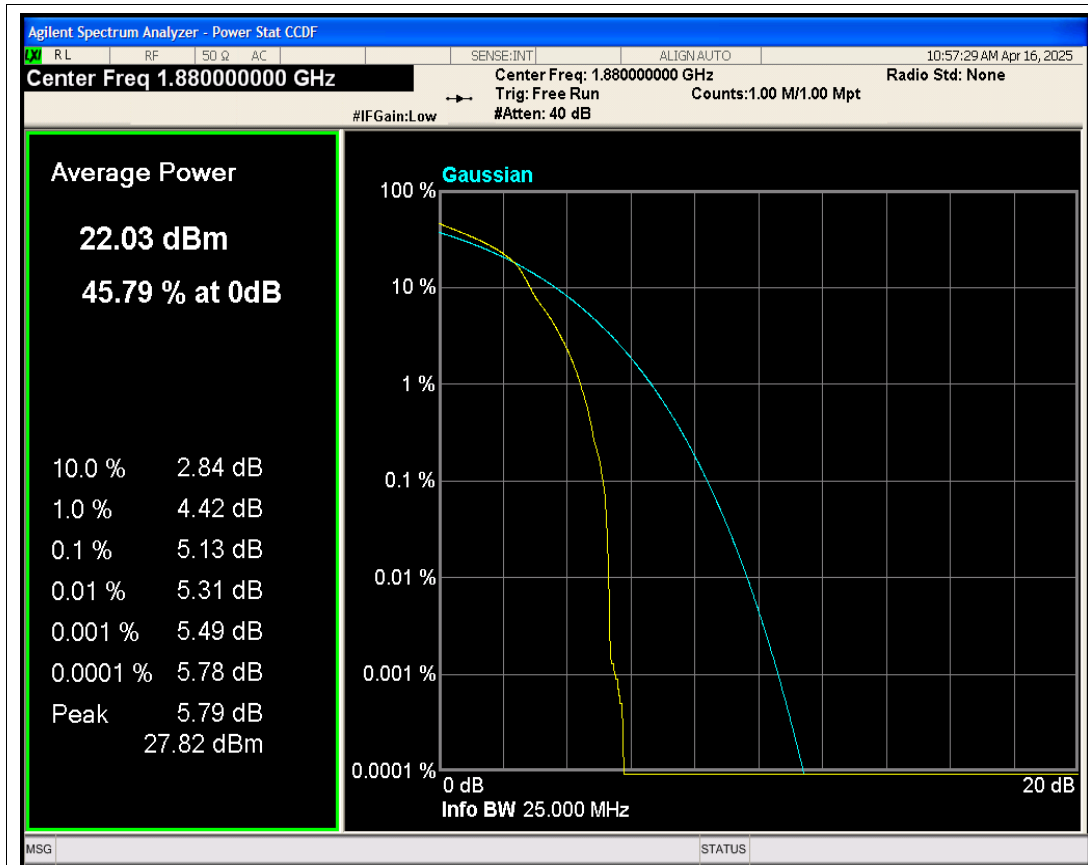


Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0 NVNT

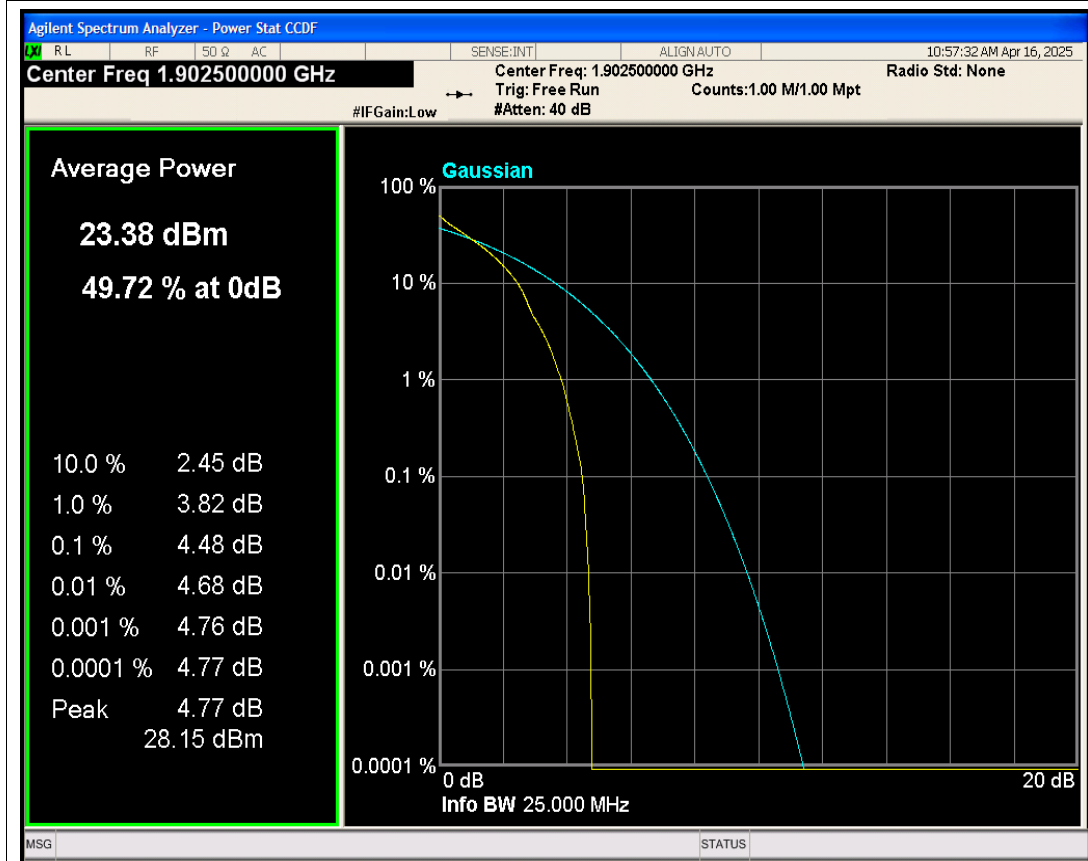


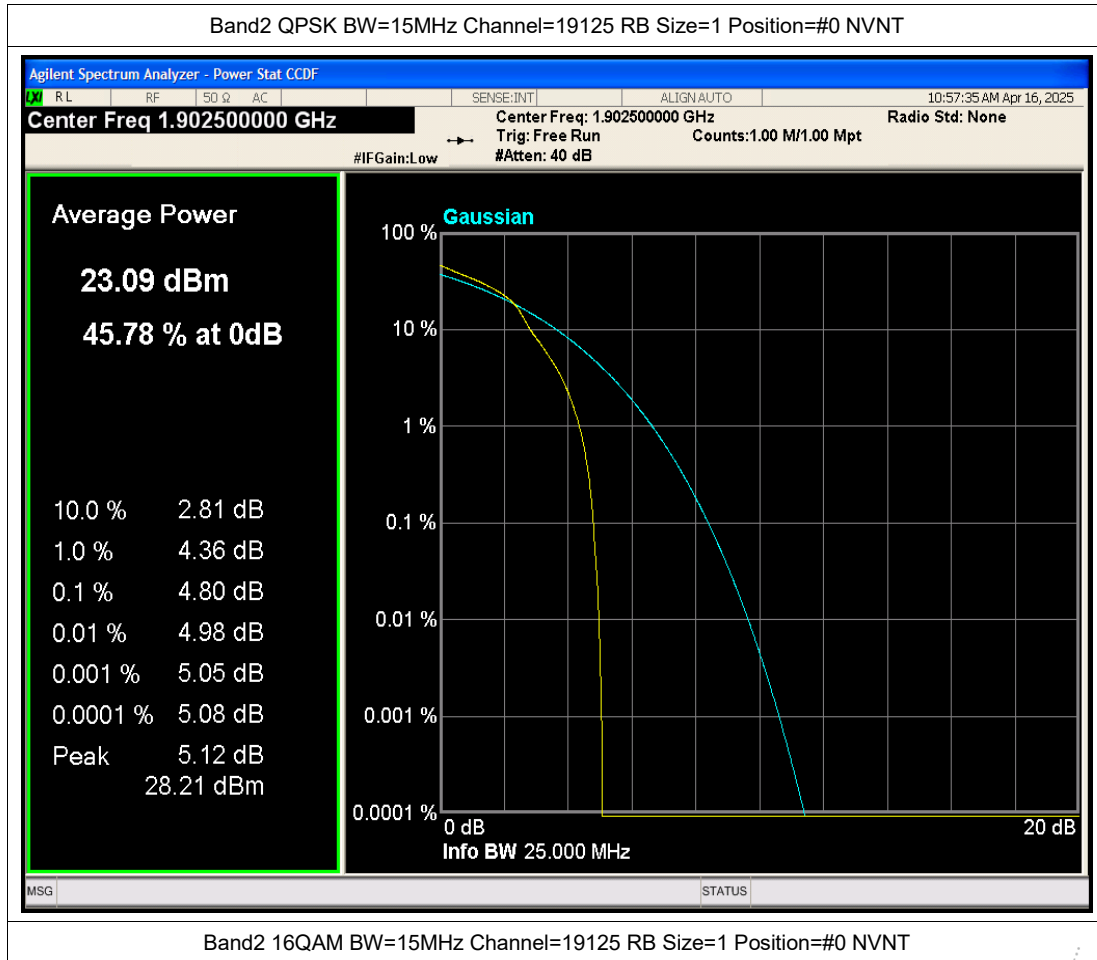


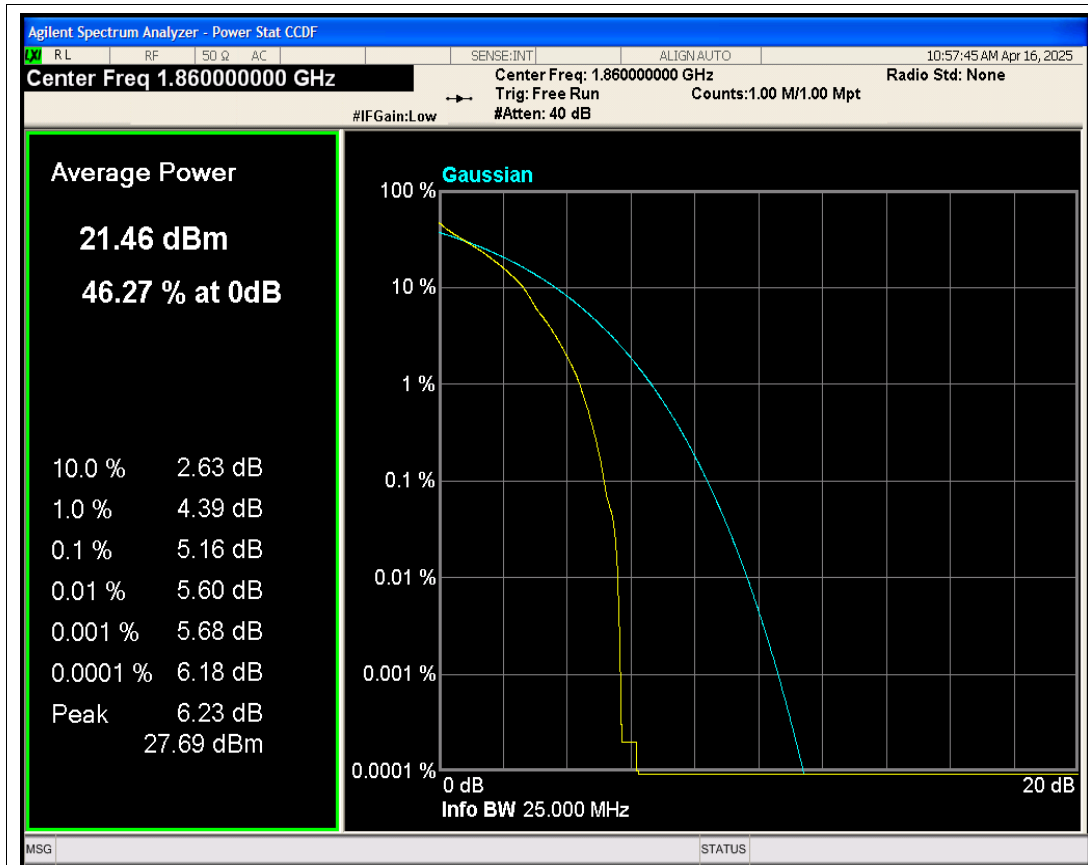




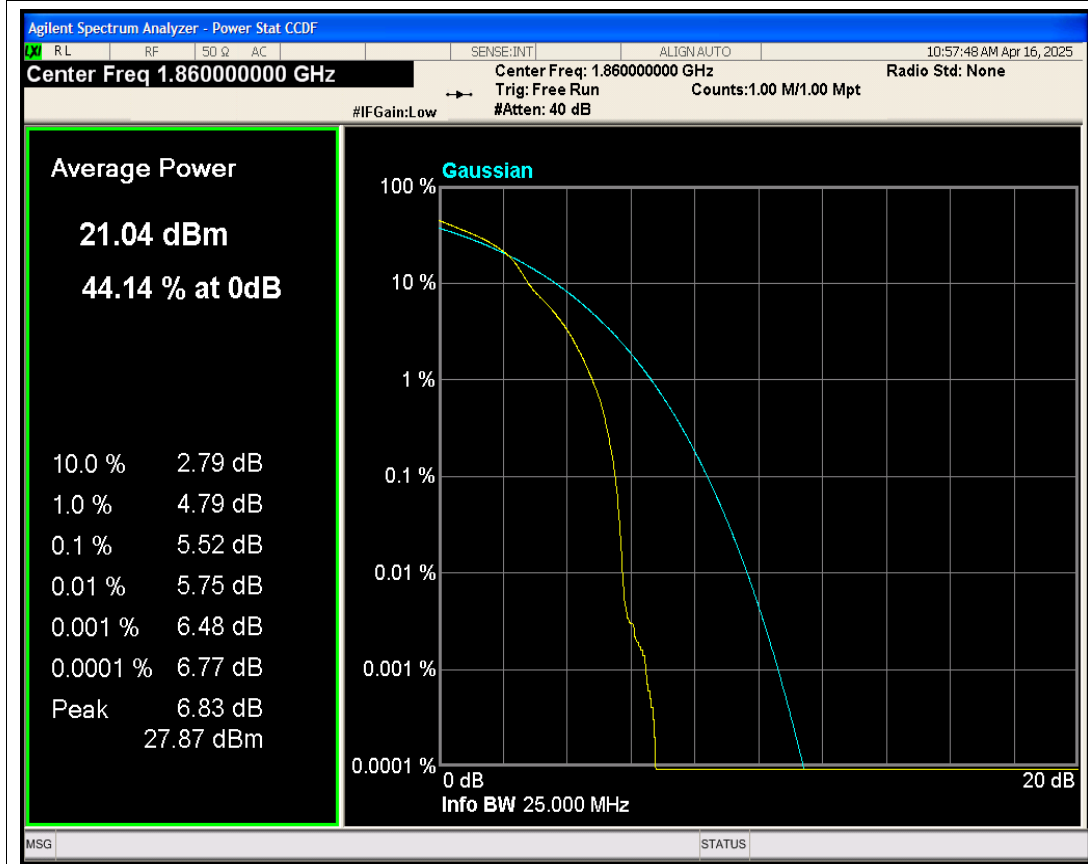
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0 NVNT

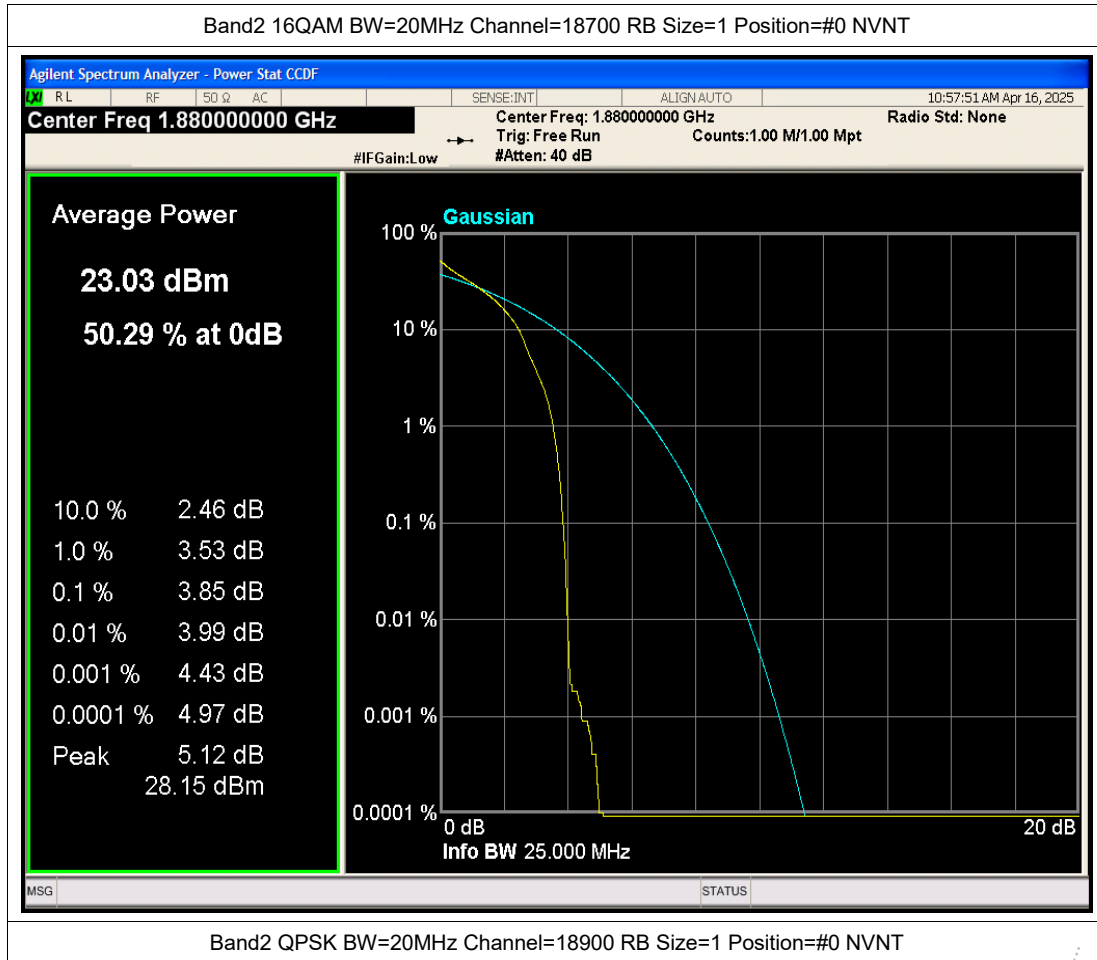


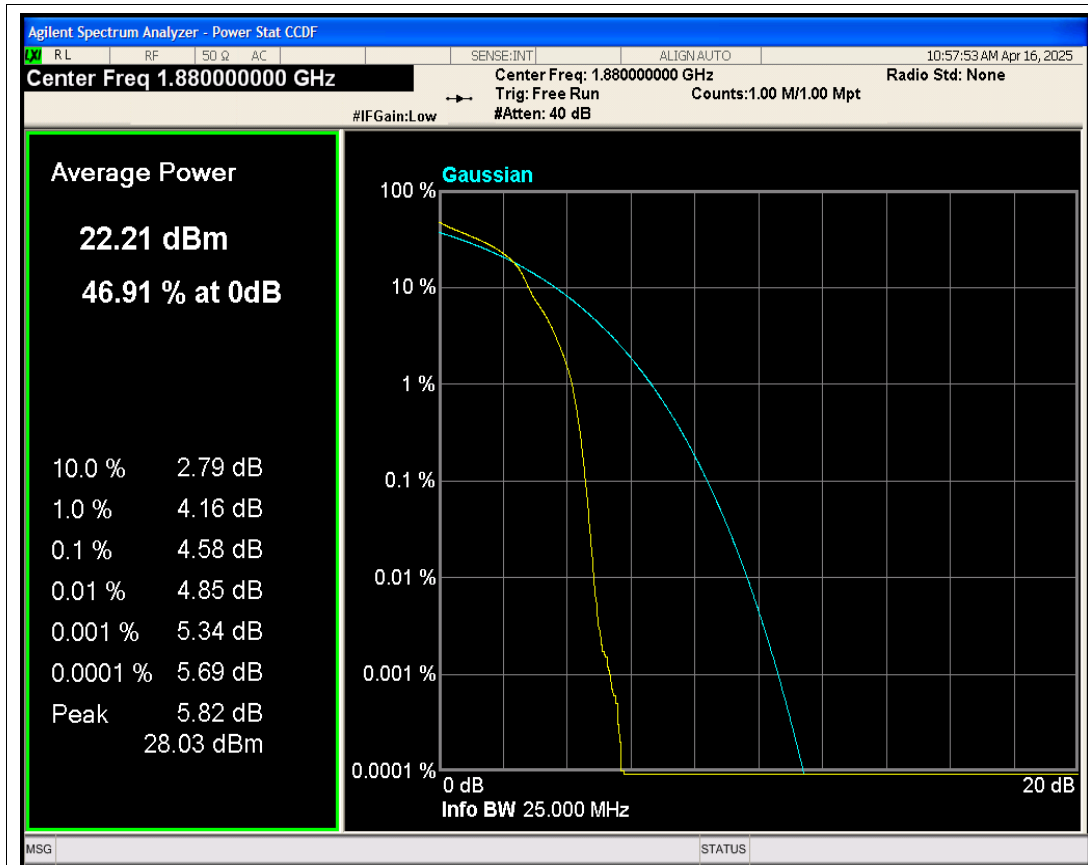




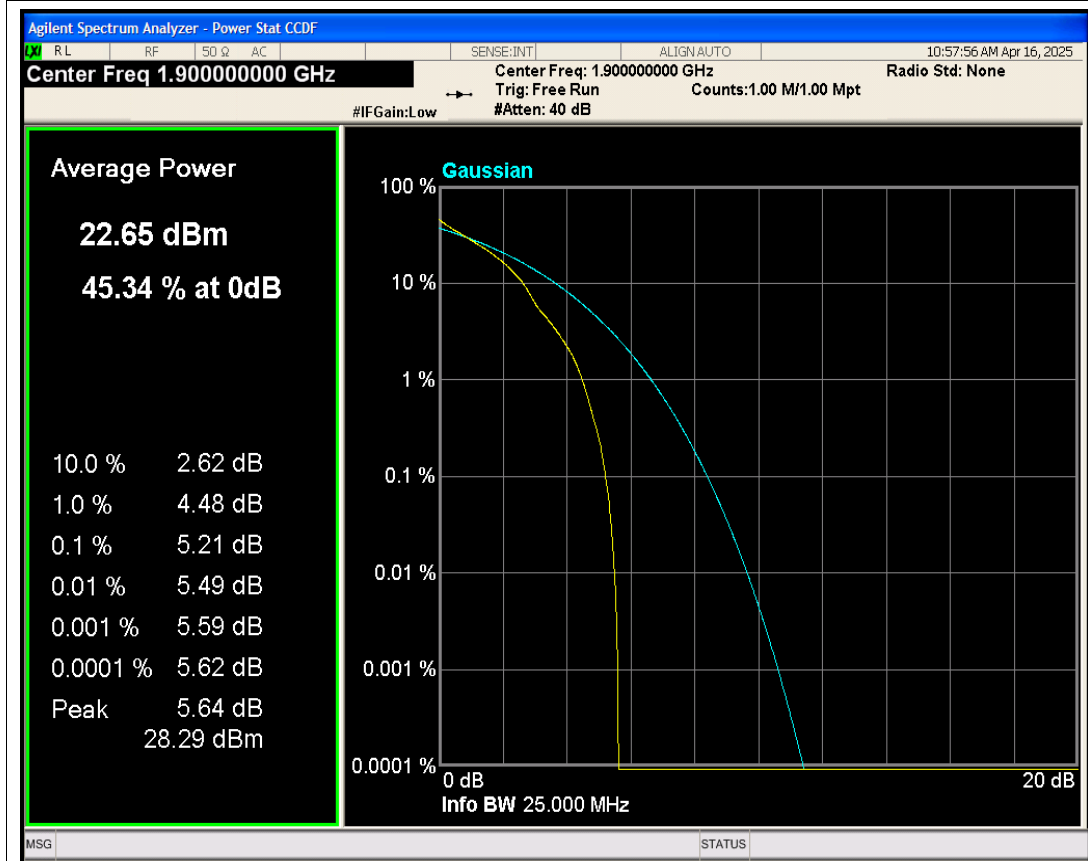
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0 NVNT

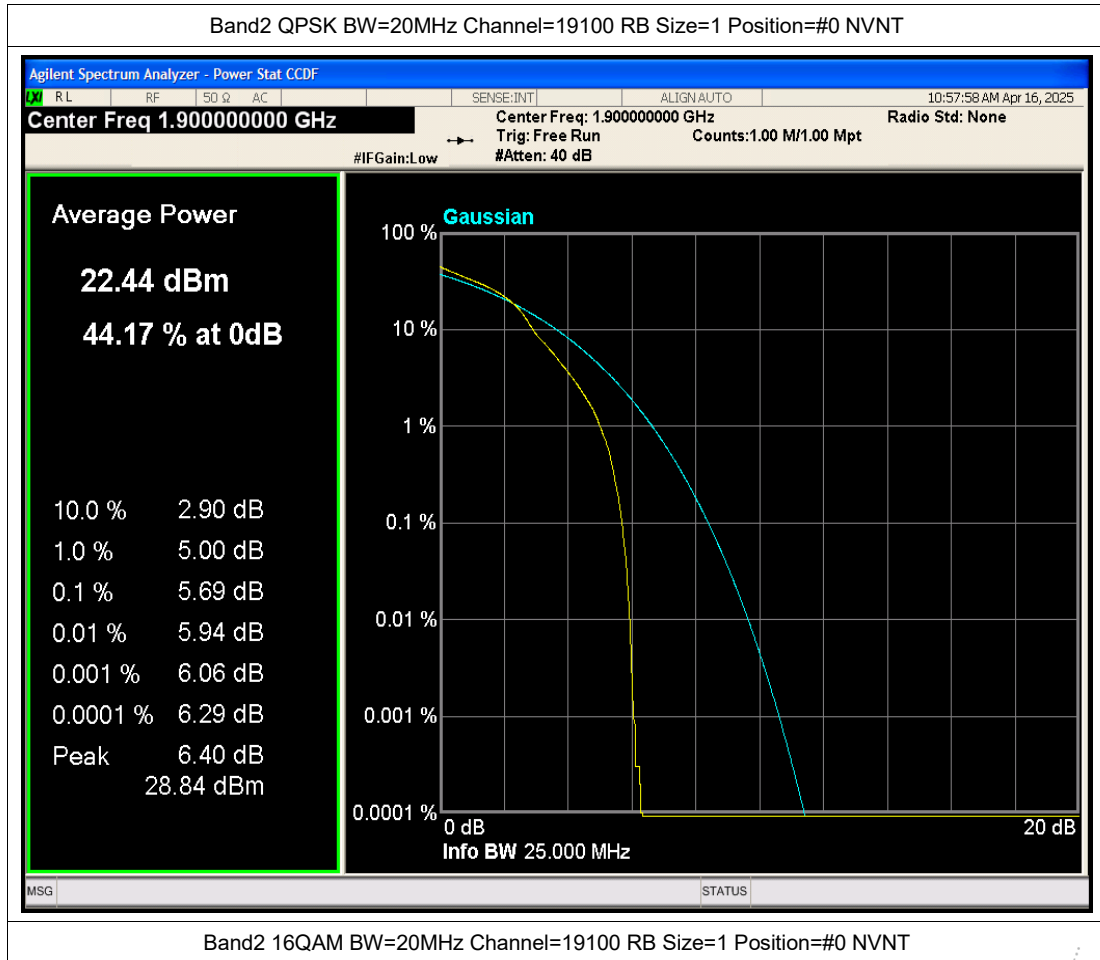






Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0 NVNT

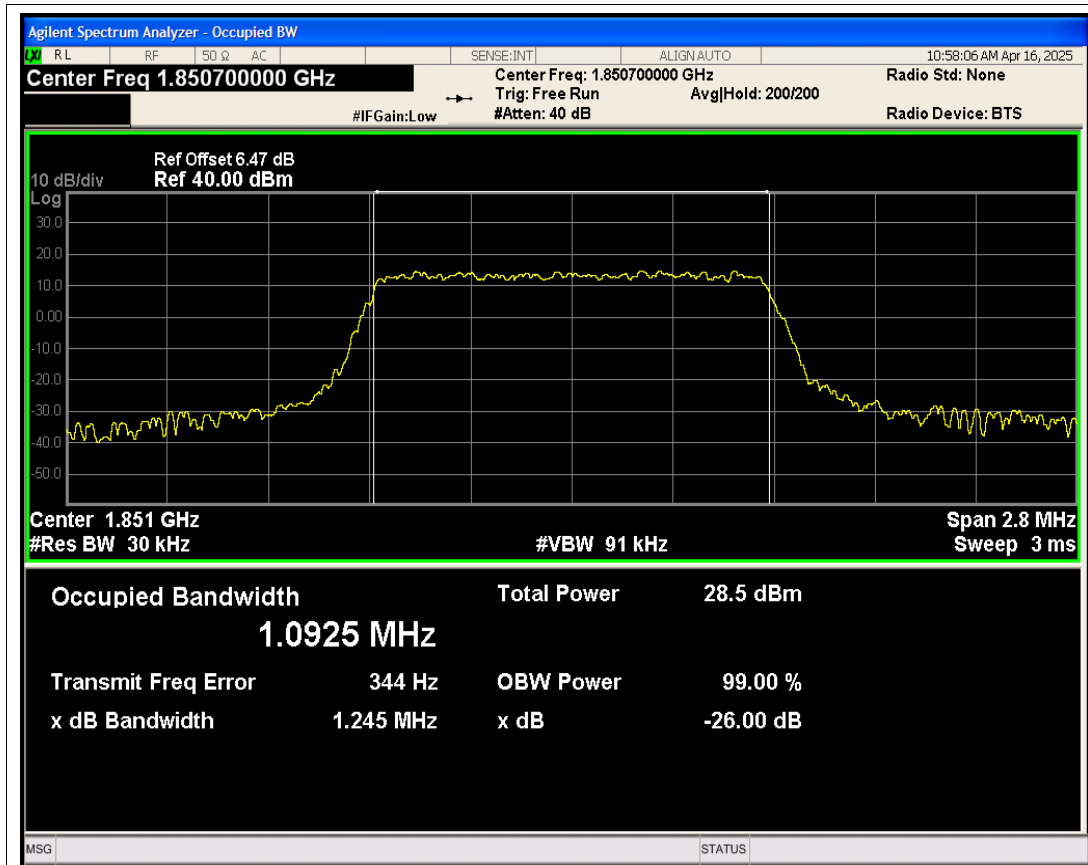




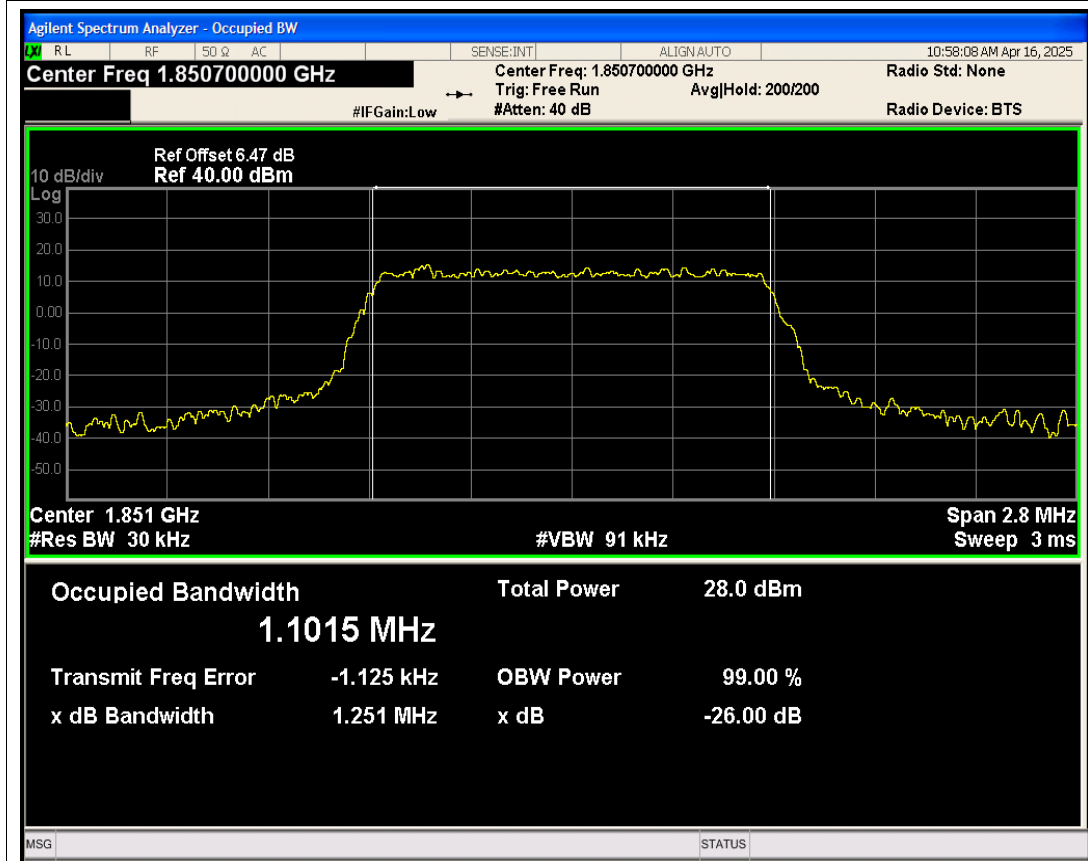


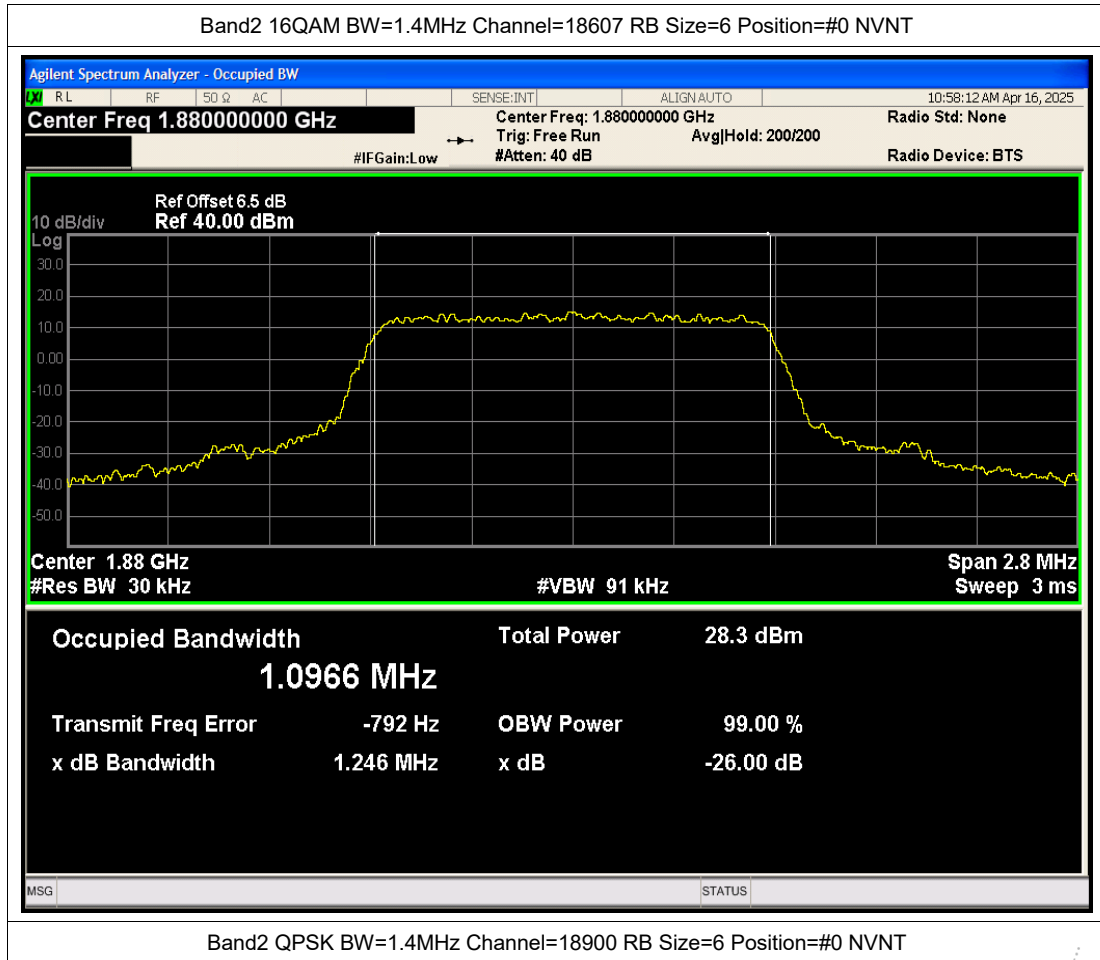
## Appendix 4.Occupied bandwidth

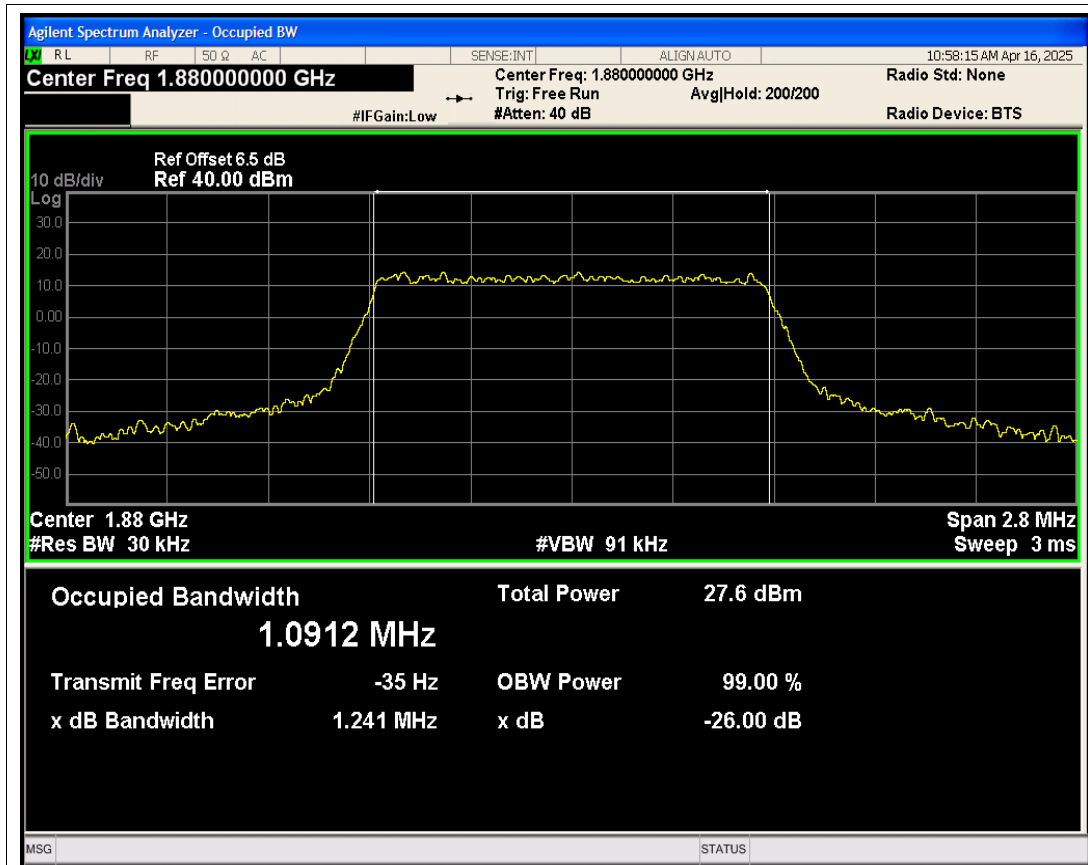
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band2	1.4	18607	6	#0	QPSK	1.093	1.245	PASS
NVNT	Band2	1.4	18607	6	#0	16QAM	1.101	1.251	PASS
NVNT	Band2	1.4	18900	6	#0	QPSK	1.097	1.246	PASS
NVNT	Band2	1.4	18900	6	#0	16QAM	1.091	1.241	PASS
NVNT	Band2	1.4	19193	6	#0	QPSK	1.100	1.254	PASS
NVNT	Band2	1.4	19193	6	#0	16QAM	1.094	1.243	PASS
NVNT	Band2	3	18615	15	#0	QPSK	2.712	3.045	PASS
NVNT	Band2	3	18615	15	#0	16QAM	2.710	3.022	PASS
NVNT	Band2	3	18900	15	#0	QPSK	2.694	3.034	PASS
NVNT	Band2	3	18900	15	#0	16QAM	2.708	3.021	PASS
NVNT	Band2	3	19185	15	#0	QPSK	2.703	3.010	PASS
NVNT	Band2	3	19185	15	#0	16QAM	2.720	3.043	PASS
NVNT	Band2	5	18625	25	#0	QPSK	4.513	4.937	PASS
NVNT	Band2	5	18625	25	#0	16QAM	4.515	4.928	PASS
NVNT	Band2	5	18900	25	#0	QPSK	4.506	5.023	PASS
NVNT	Band2	5	18900	25	#0	16QAM	4.521	4.945	PASS
NVNT	Band2	5	19175	25	#0	QPSK	4.498	4.933	PASS
NVNT	Band2	5	19175	25	#0	16QAM	4.521	4.971	PASS
NVNT	Band2	10	18650	50	#0	QPSK	8.982	9.856	PASS
NVNT	Band2	10	18650	50	#0	16QAM	8.999	9.911	PASS
NVNT	Band2	10	18900	50	#0	QPSK	8.989	9.809	PASS
NVNT	Band2	10	18900	50	#0	16QAM	9.002	9.849	PASS
NVNT	Band2	10	19150	50	#0	QPSK	9.037	9.949	PASS
NVNT	Band2	10	19150	50	#0	16QAM	8.997	9.984	PASS
NVNT	Band2	15	18675	75	#0	QPSK	13.498	14.706	PASS
NVNT	Band2	15	18675	75	#0	16QAM	13.506	14.775	PASS
NVNT	Band2	15	18900	75	#0	QPSK	13.470	14.862	PASS
NVNT	Band2	15	18900	75	#0	16QAM	13.465	14.883	PASS
NVNT	Band2	15	19125	75	#0	QPSK	13.516	14.946	PASS
NVNT	Band2	15	19125	75	#0	16QAM	13.527	14.725	PASS
NVNT	Band2	20	18700	100	#0	QPSK	17.968	19.668	PASS
NVNT	Band2	20	18700	100	#0	16QAM	18.016	19.756	PASS
NVNT	Band2	20	18900	100	#0	QPSK	18.009	19.645	PASS
NVNT	Band2	20	18900	100	#0	16QAM	18.013	19.651	PASS
NVNT	Band2	20	19100	100	#0	QPSK	17.988	19.427	PASS
NVNT	Band2	20	19100	100	#0	16QAM	17.990	19.550	PASS



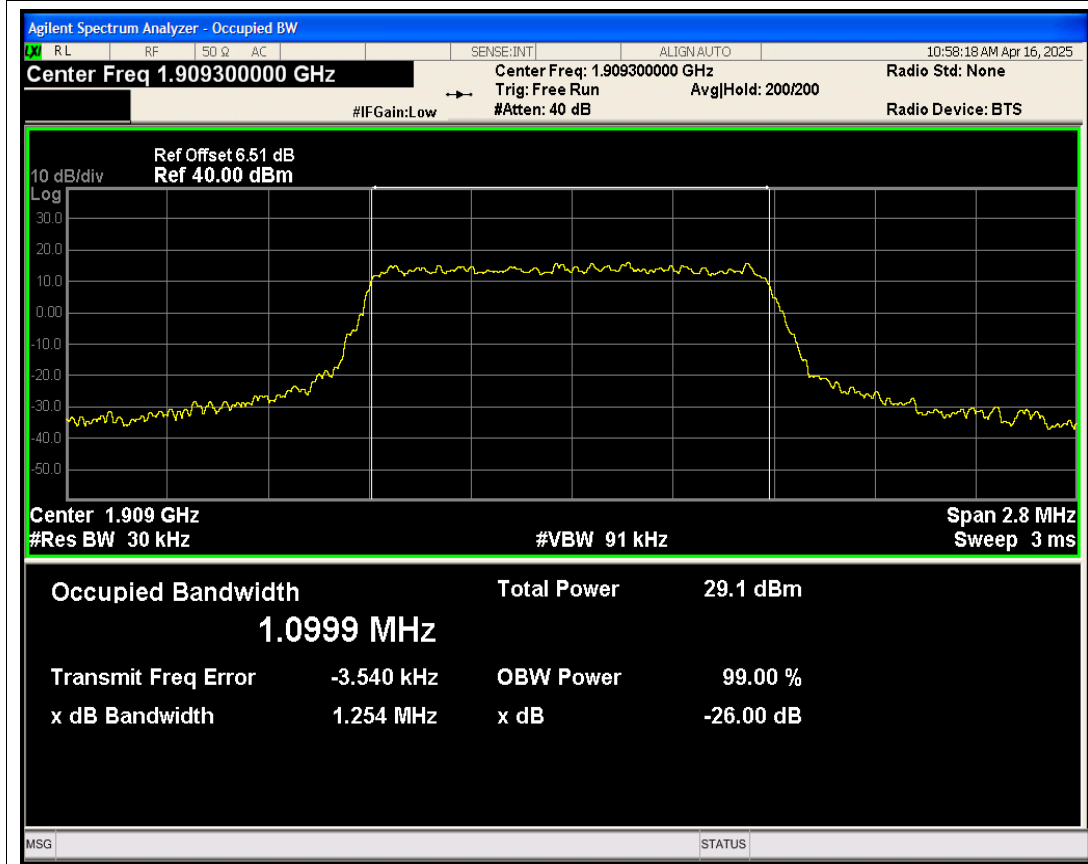
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0 NVNT

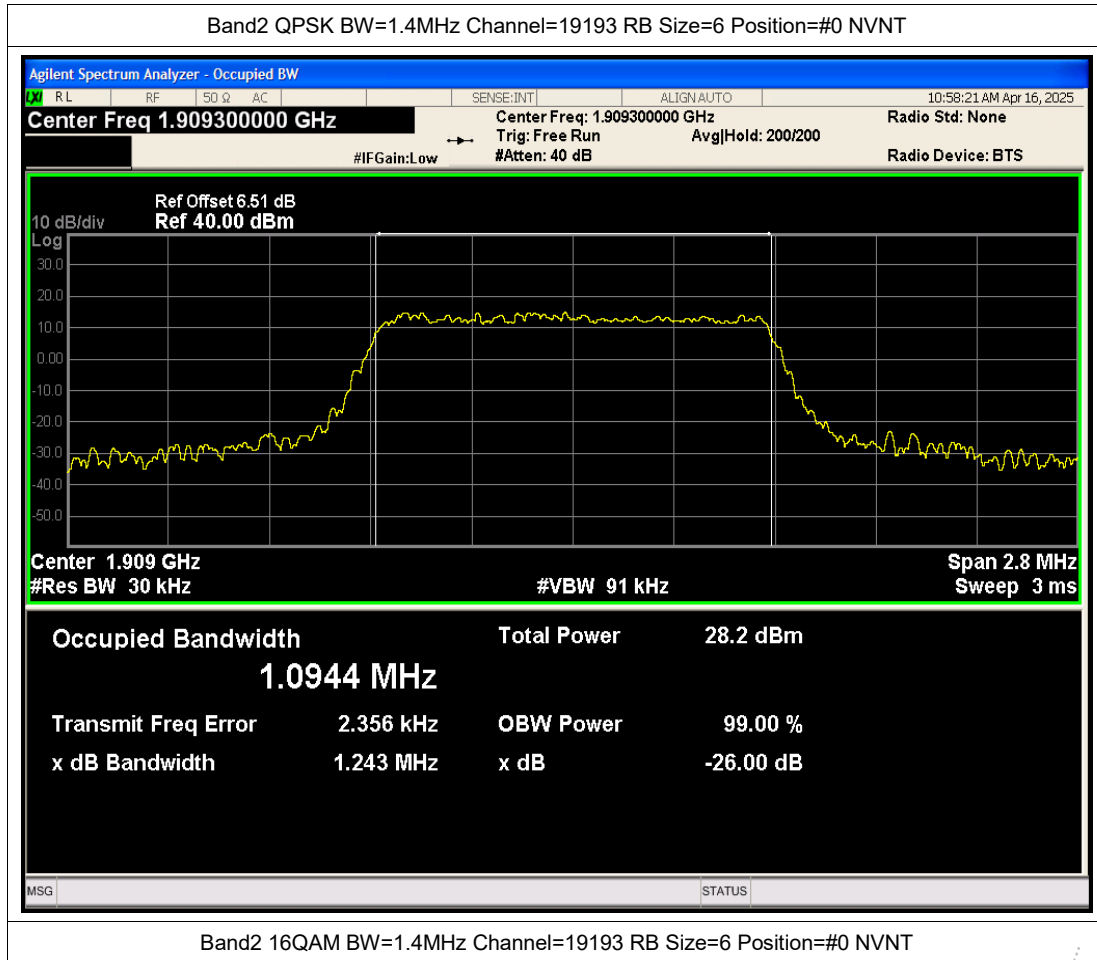


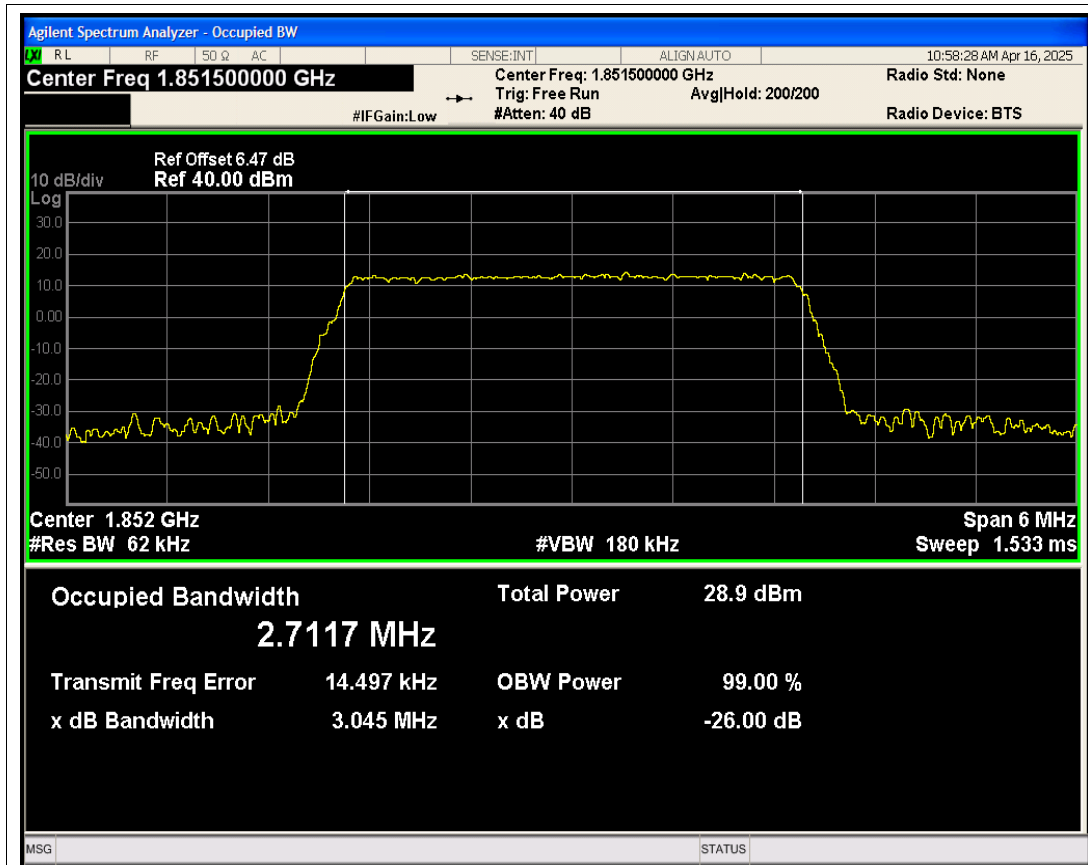




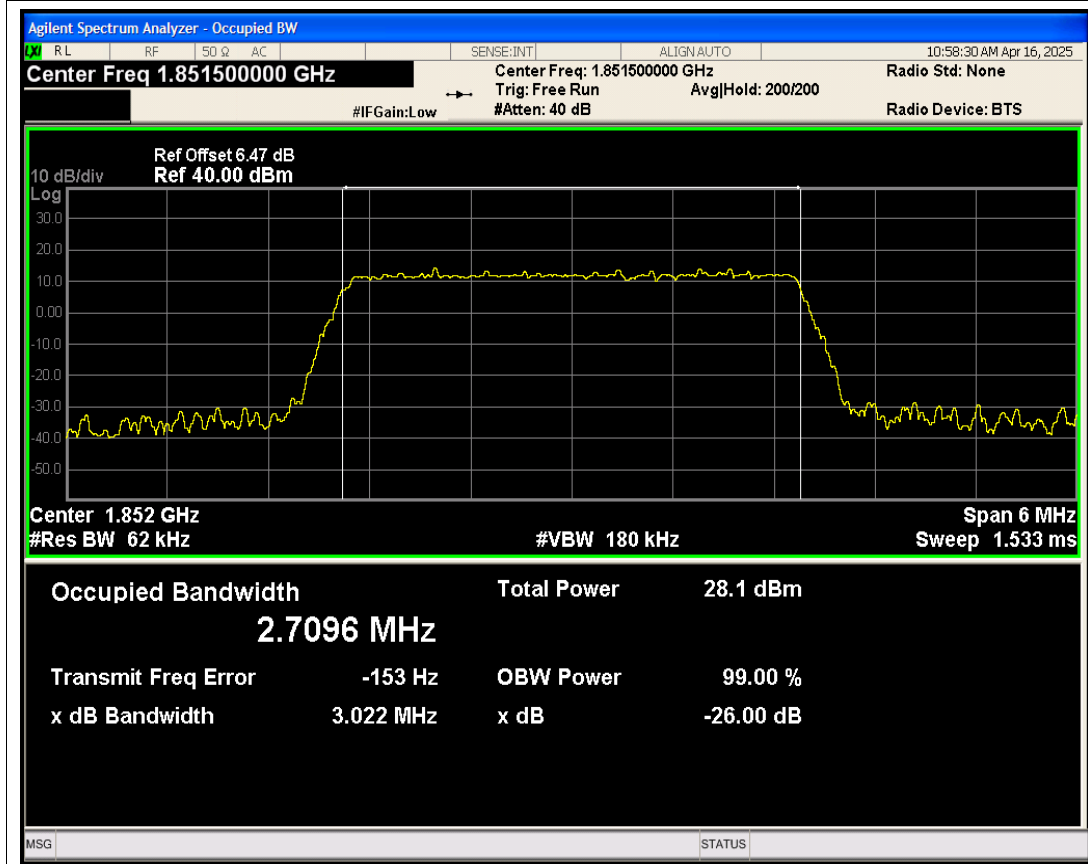
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0 NVNT

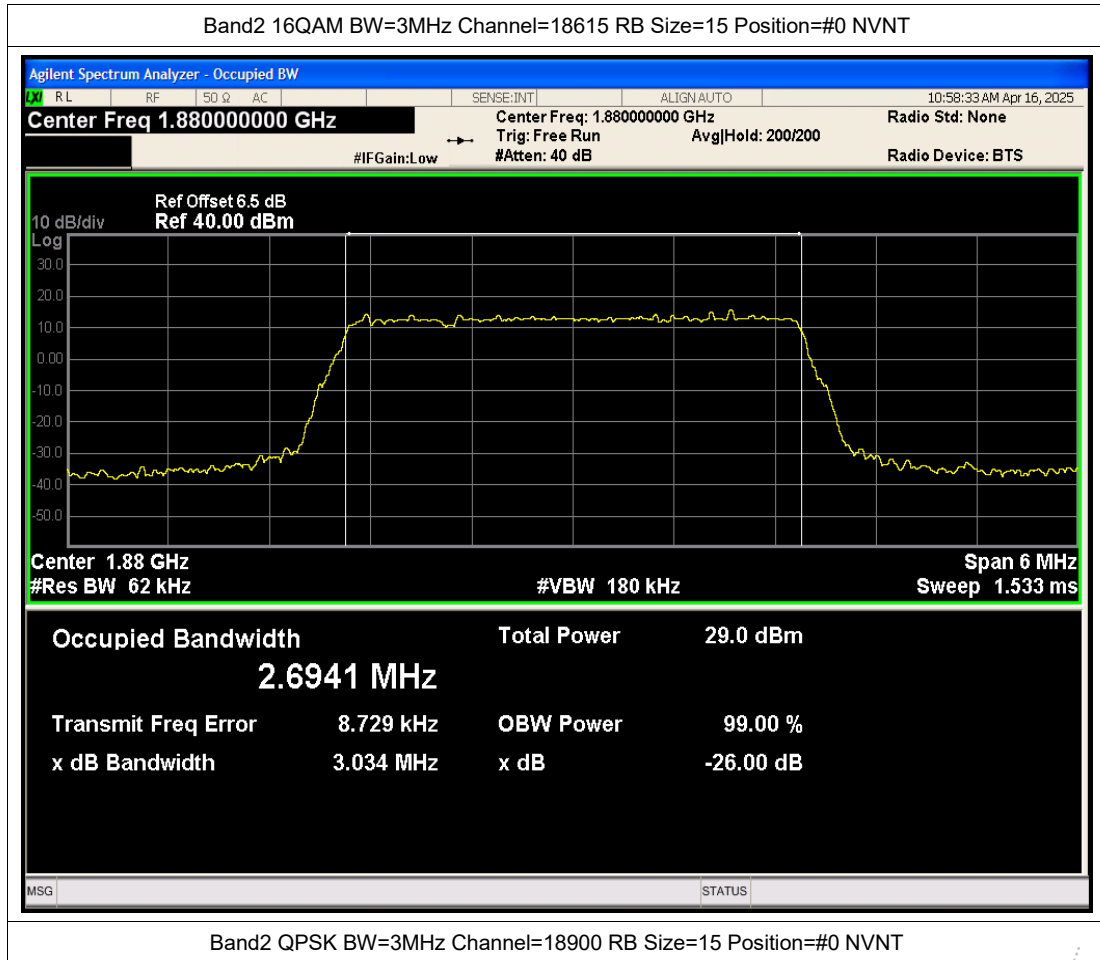


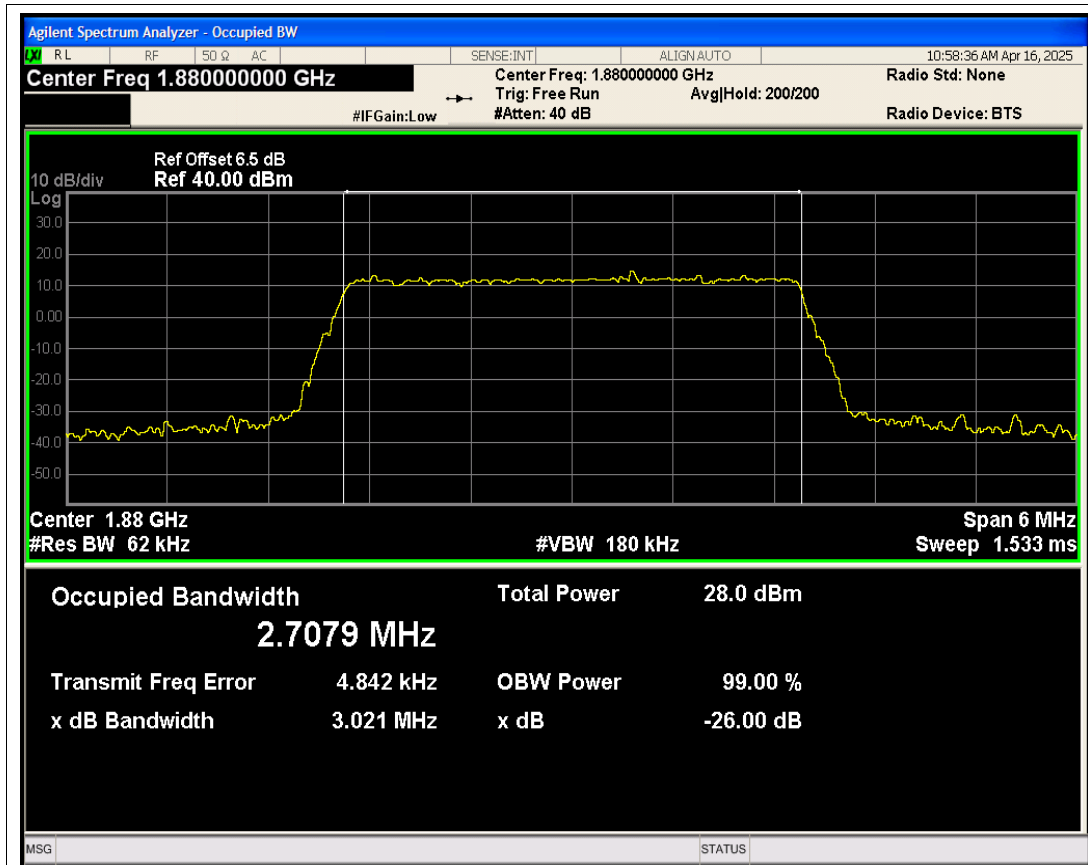




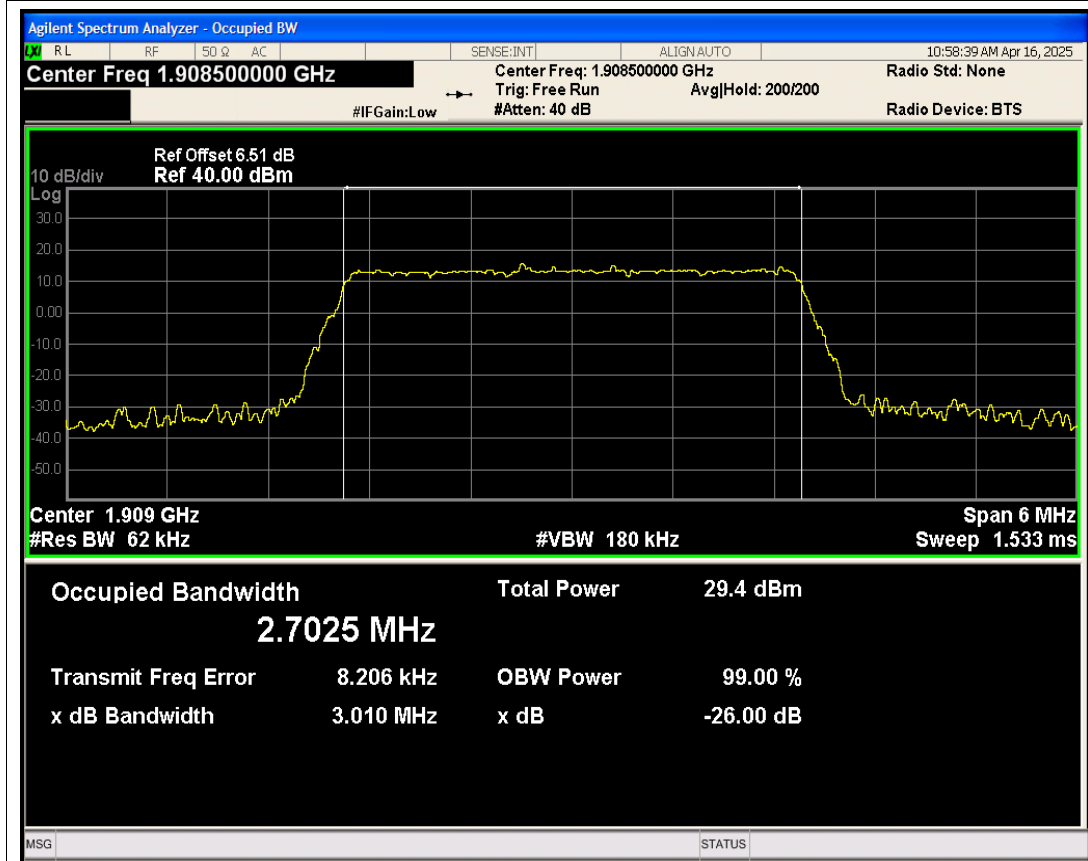
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0 NVNT



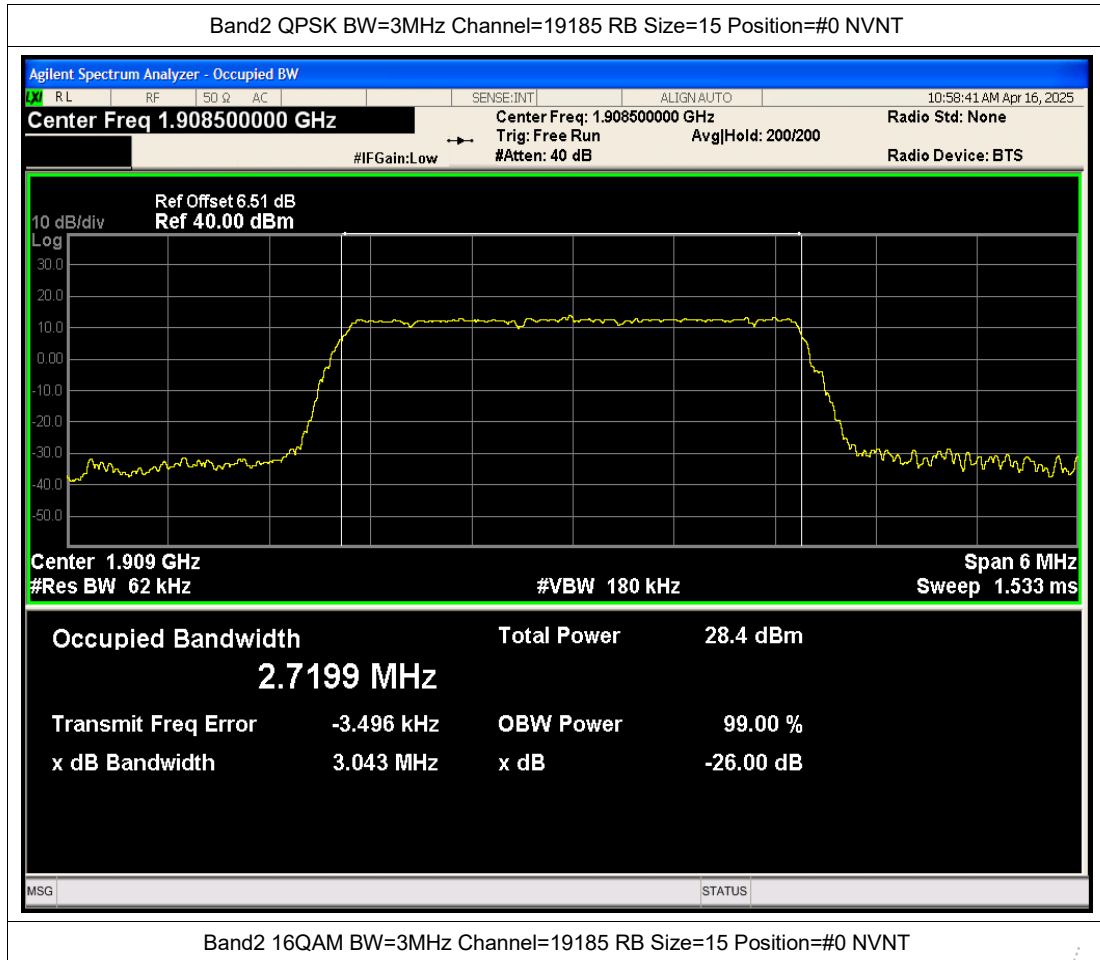


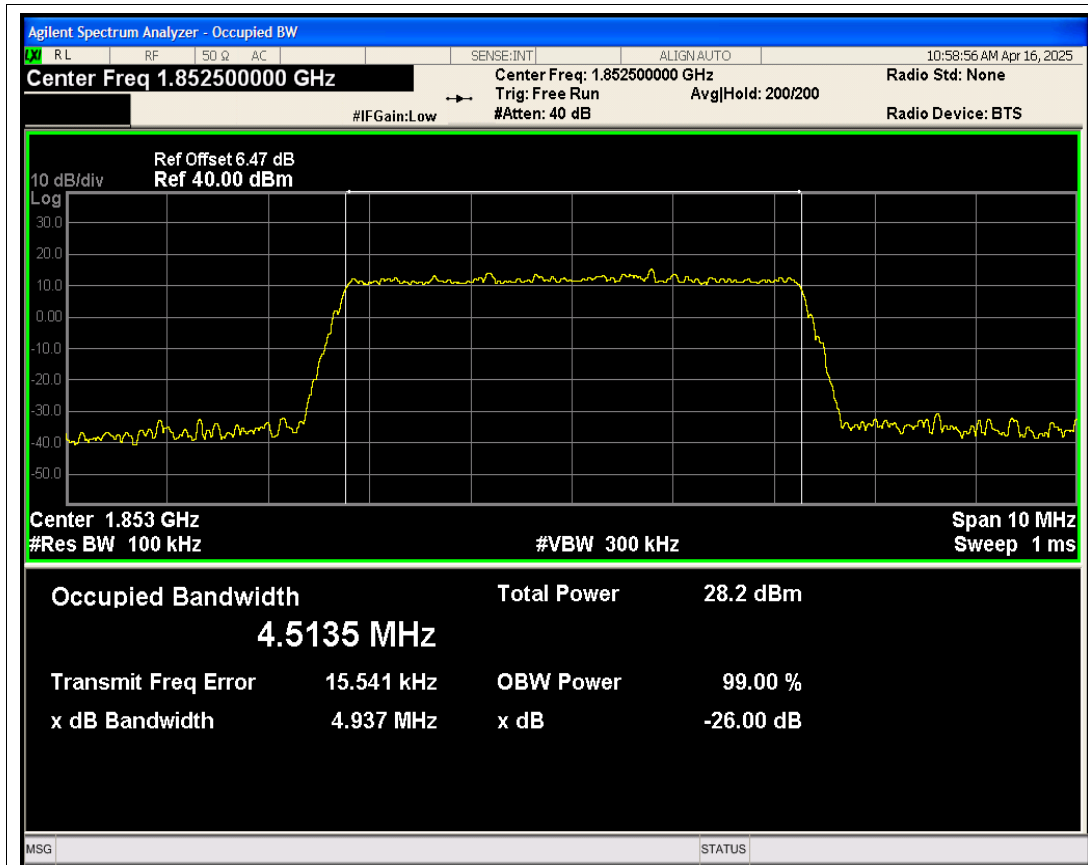


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0 NVNT

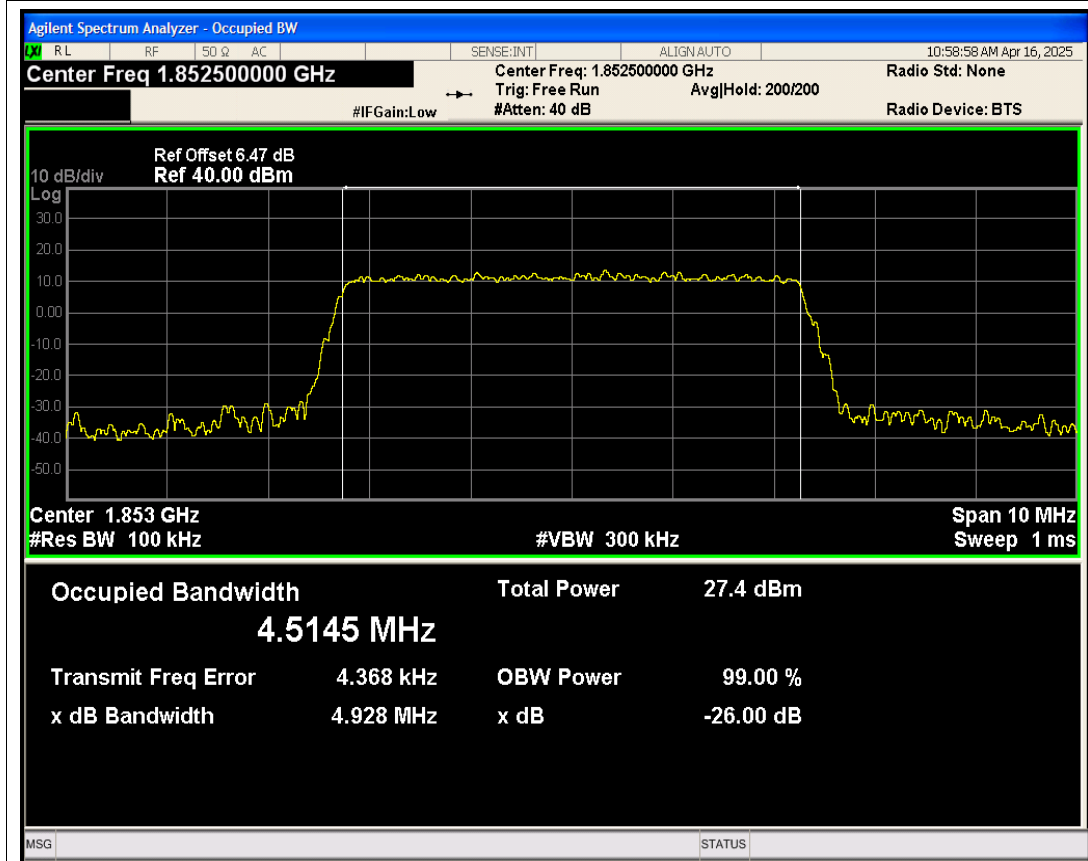






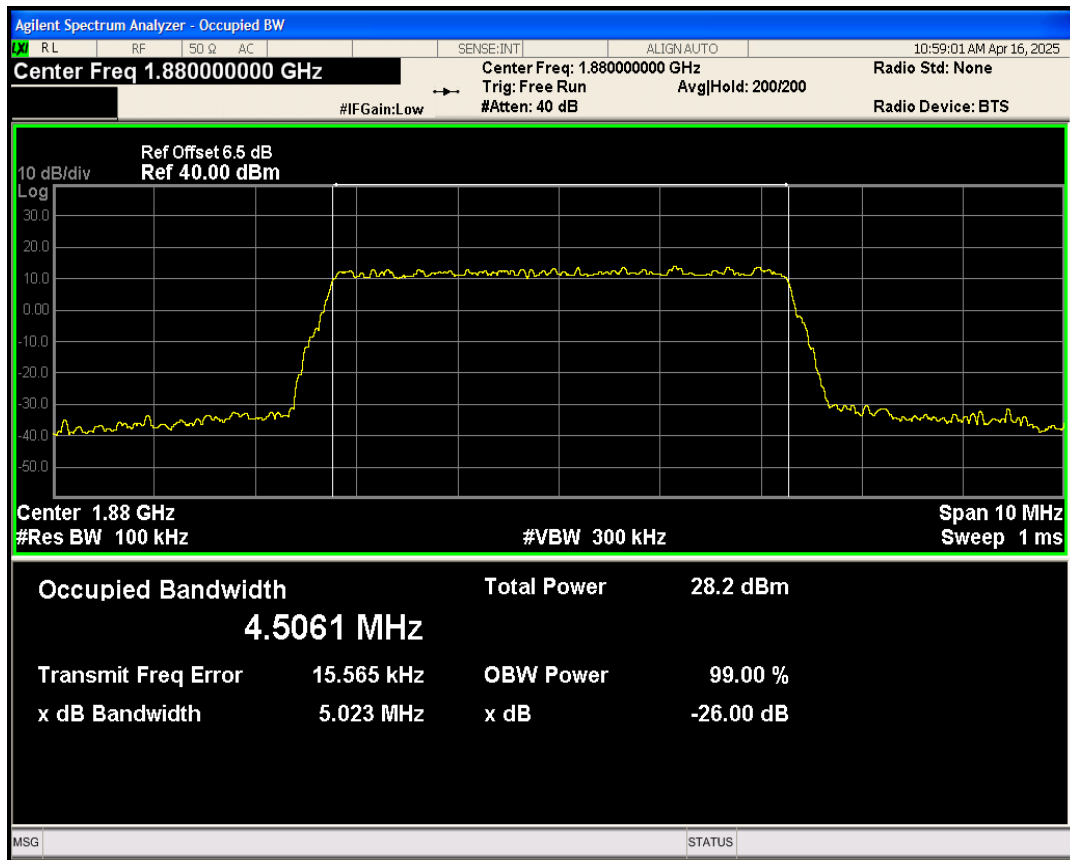


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0 NVNT

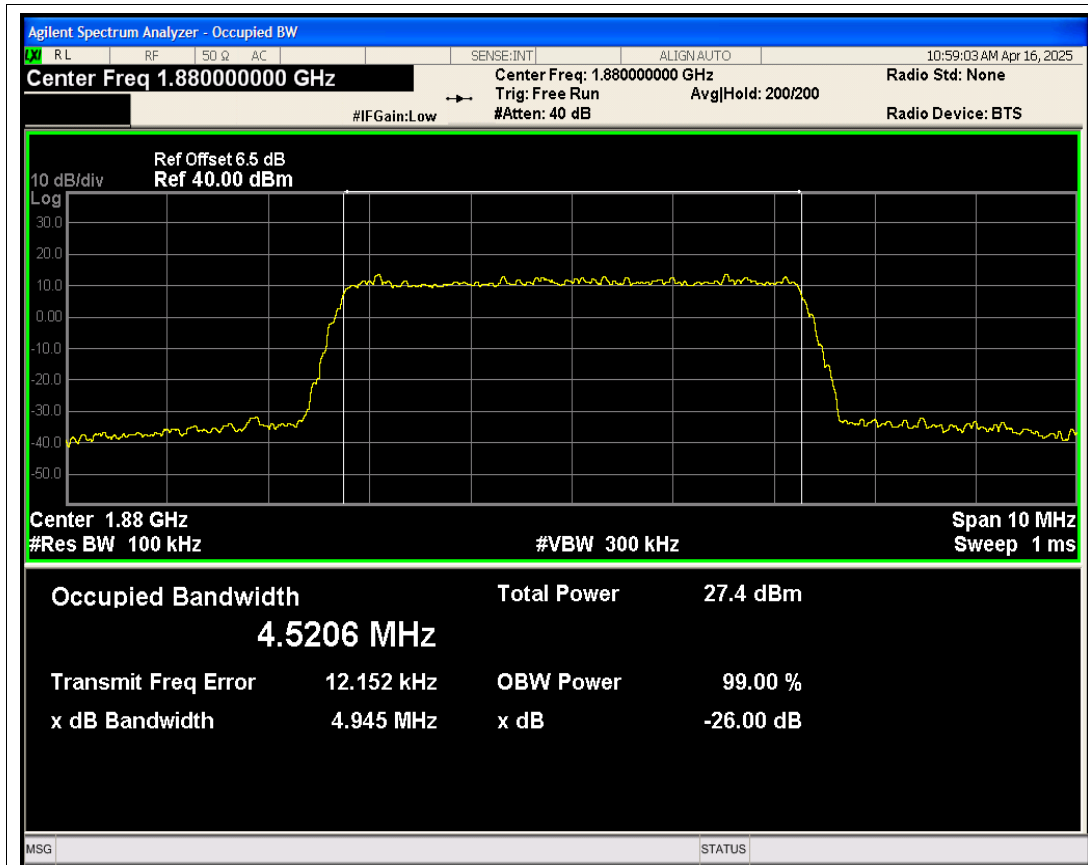




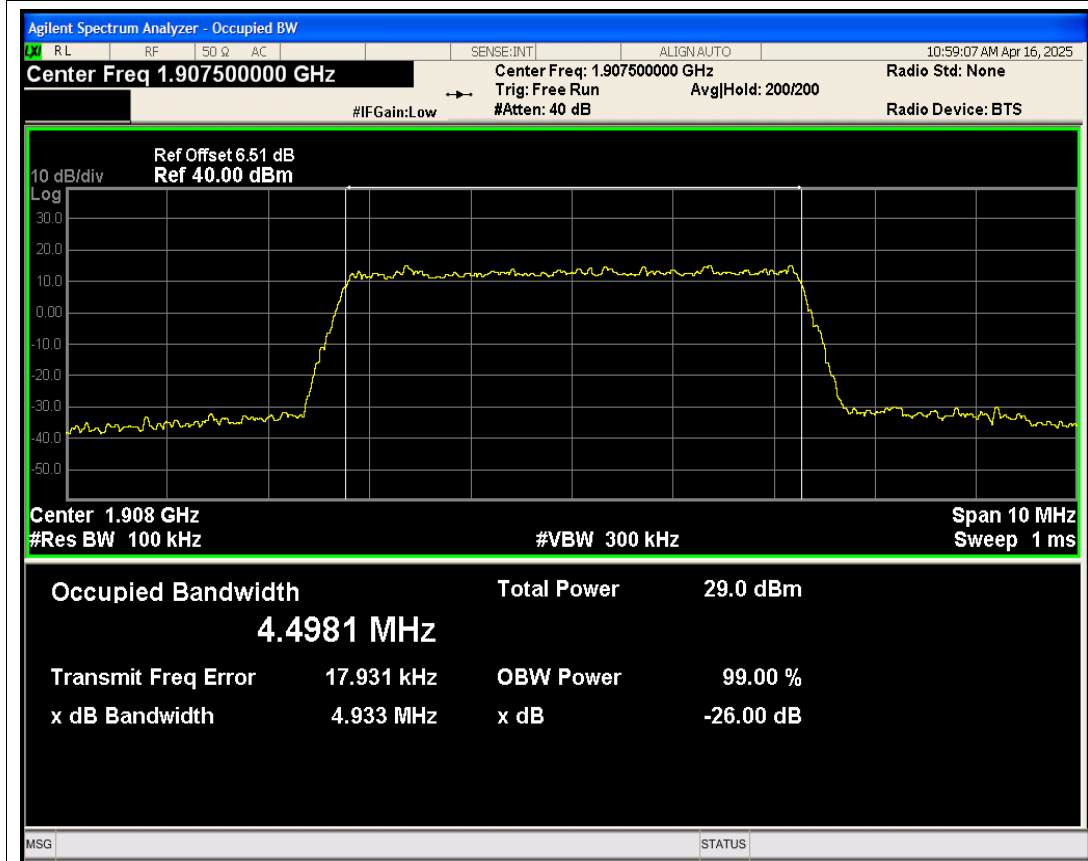
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0 NVNT

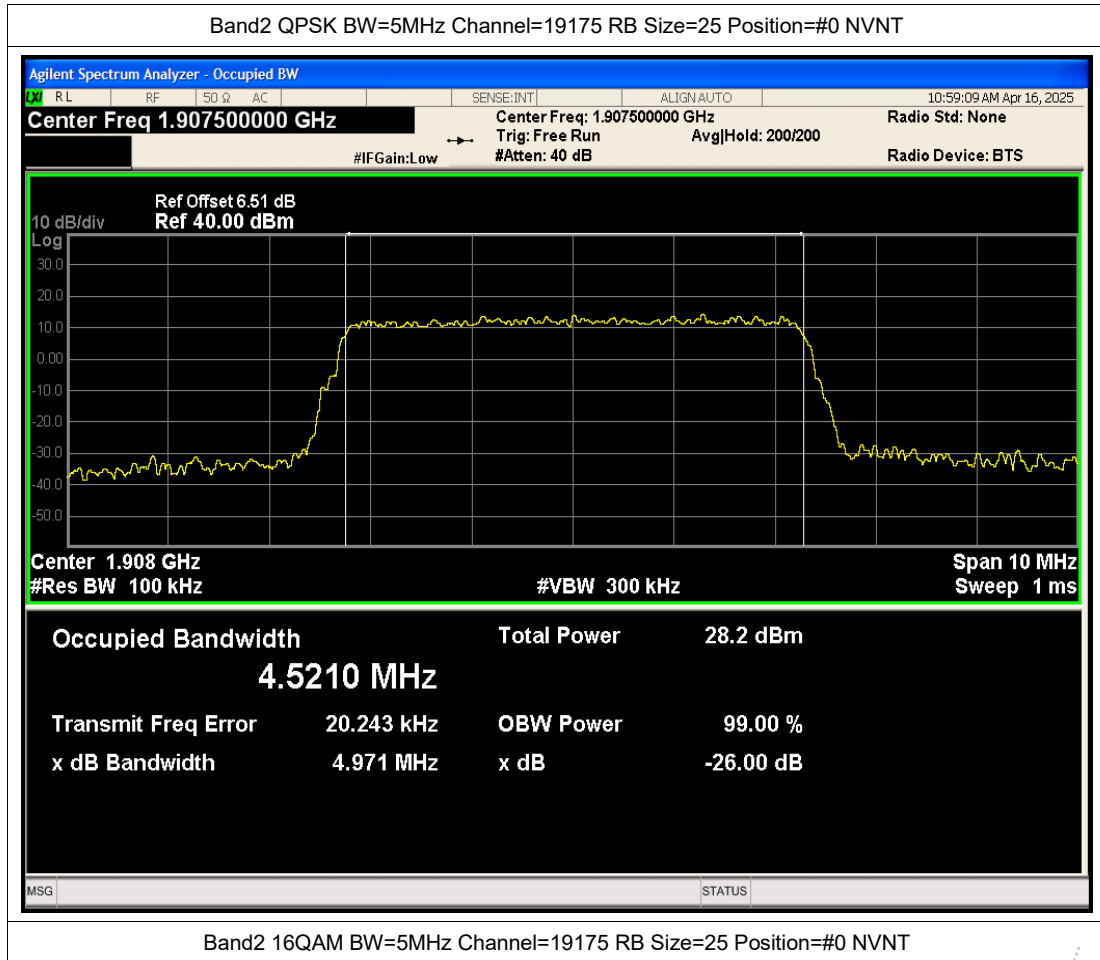


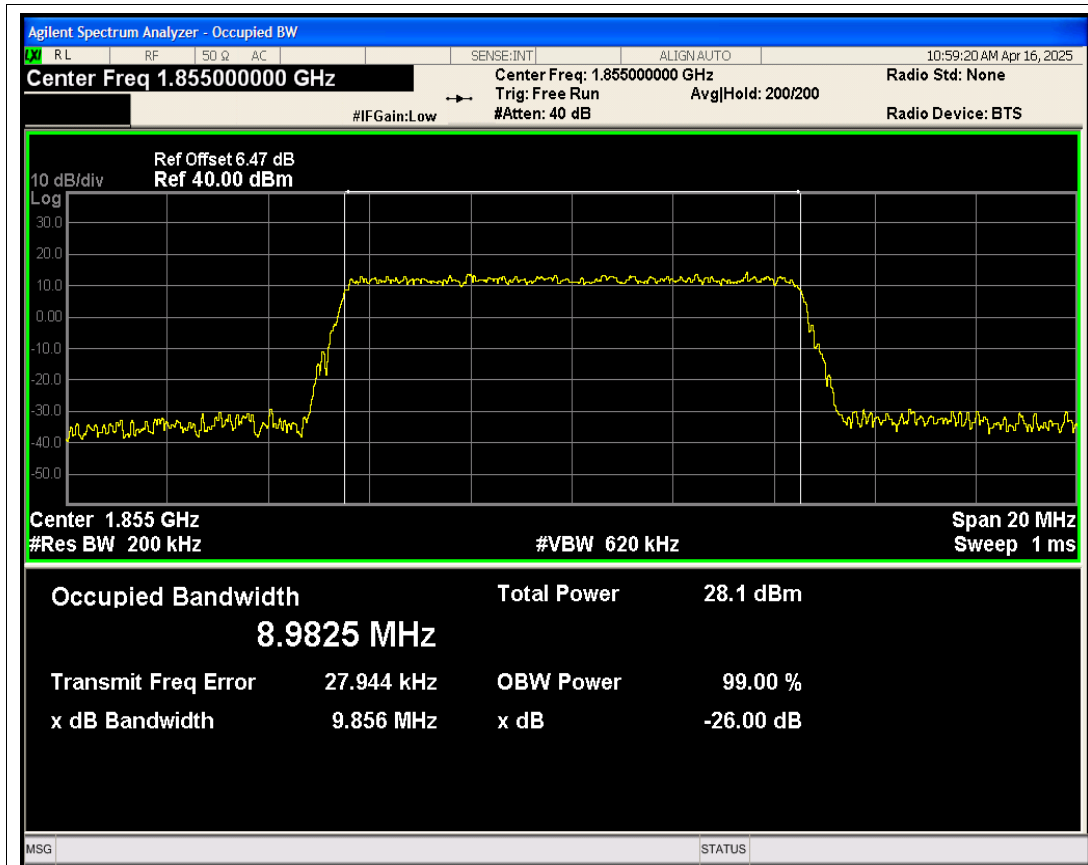
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0 NVNT



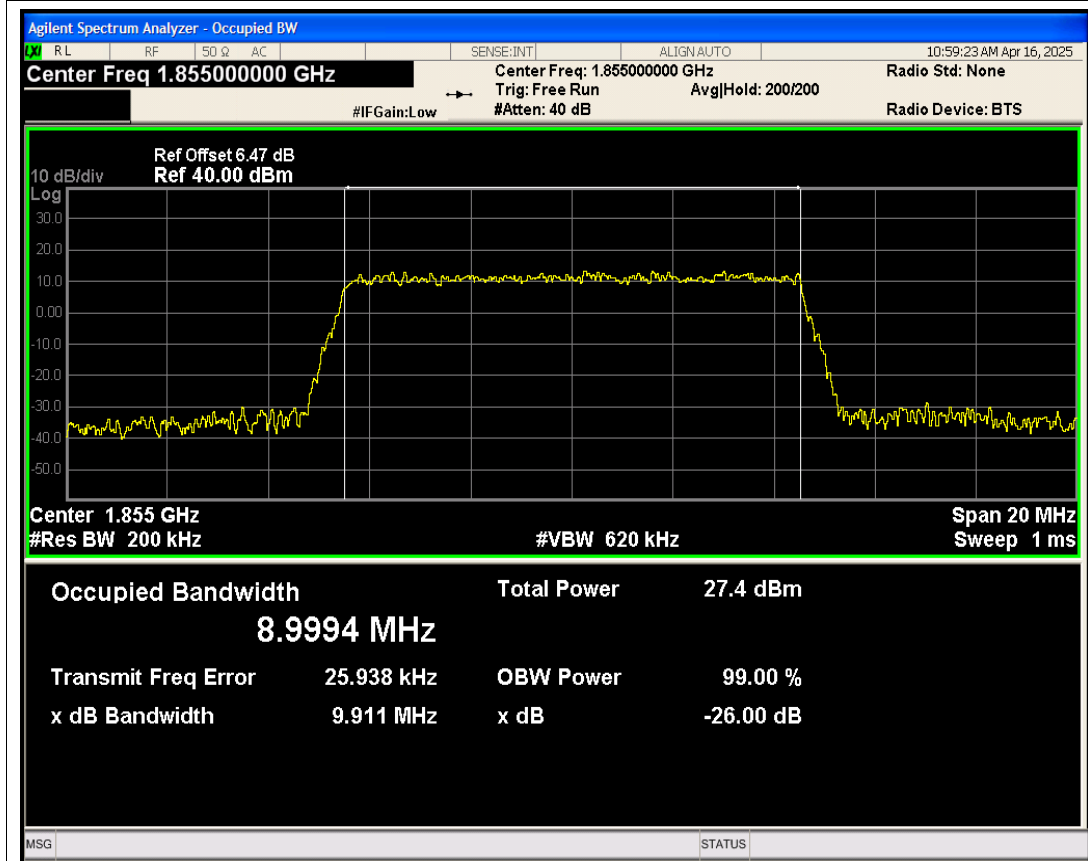
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0 NVNT

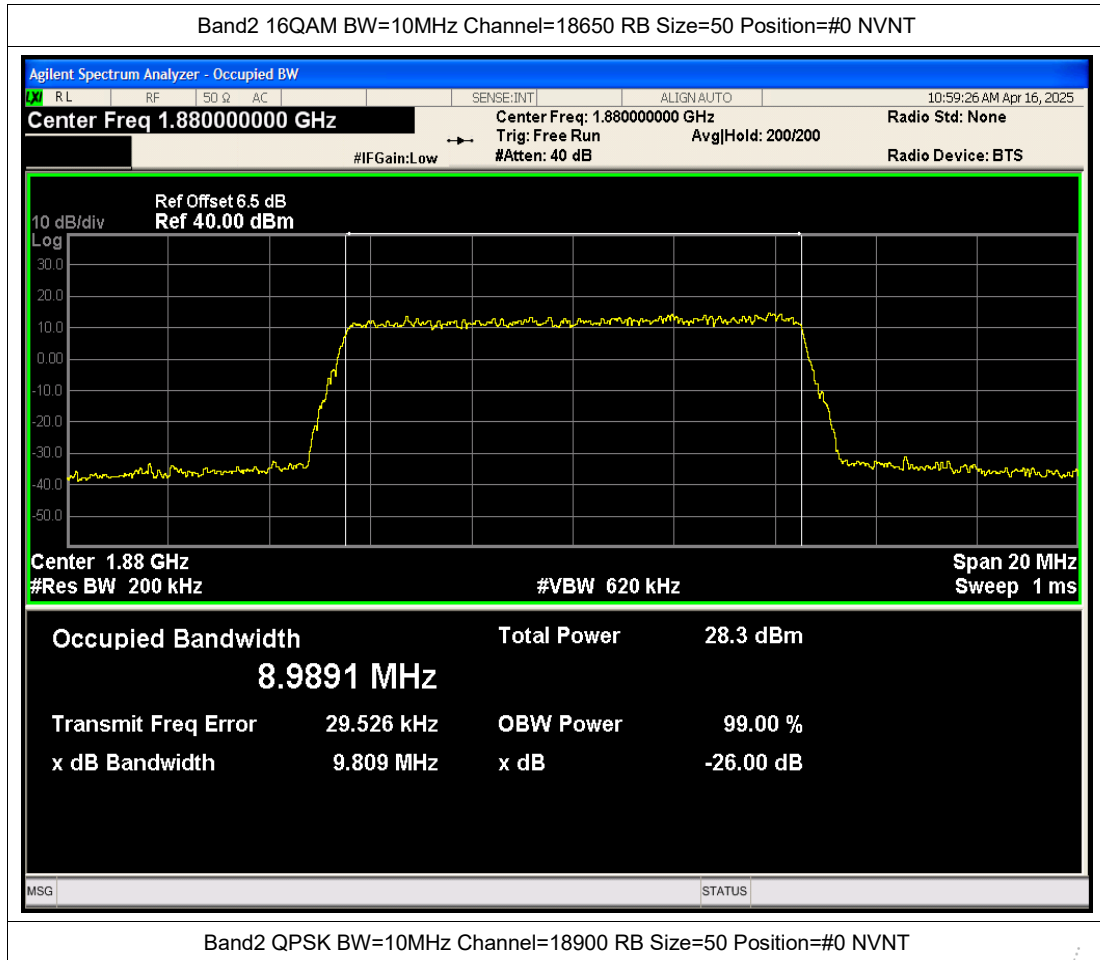


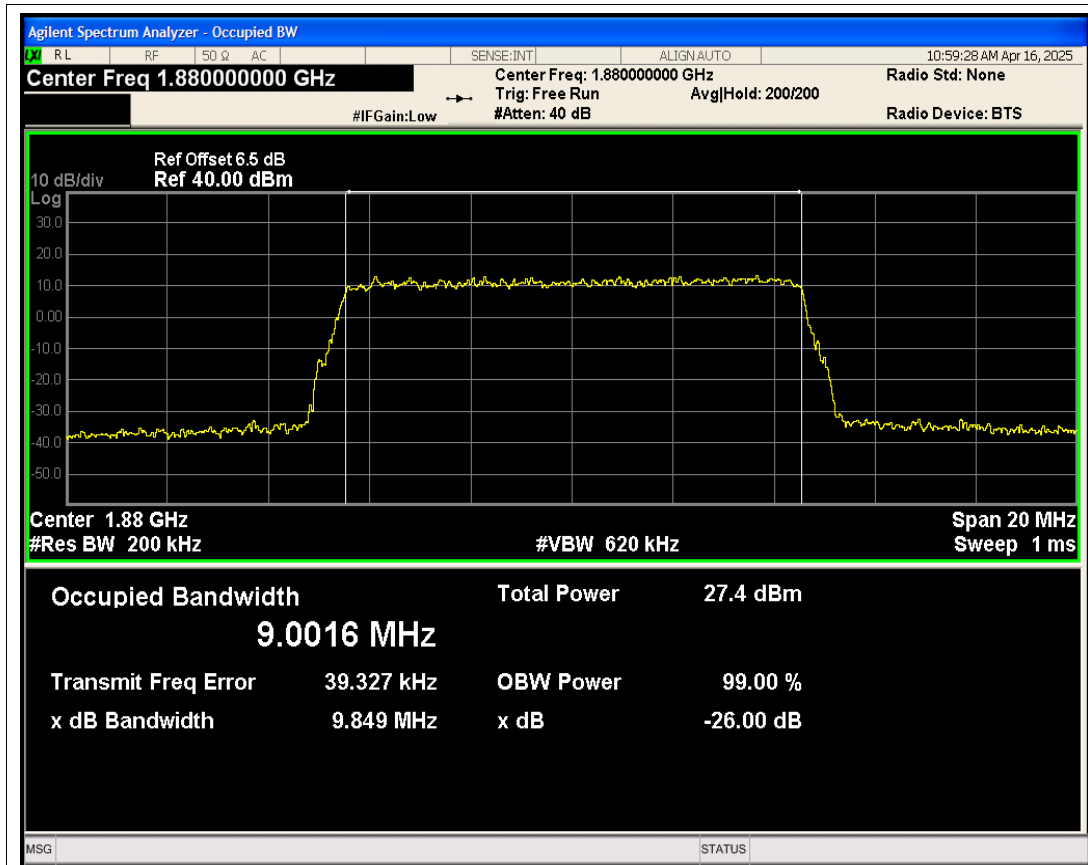




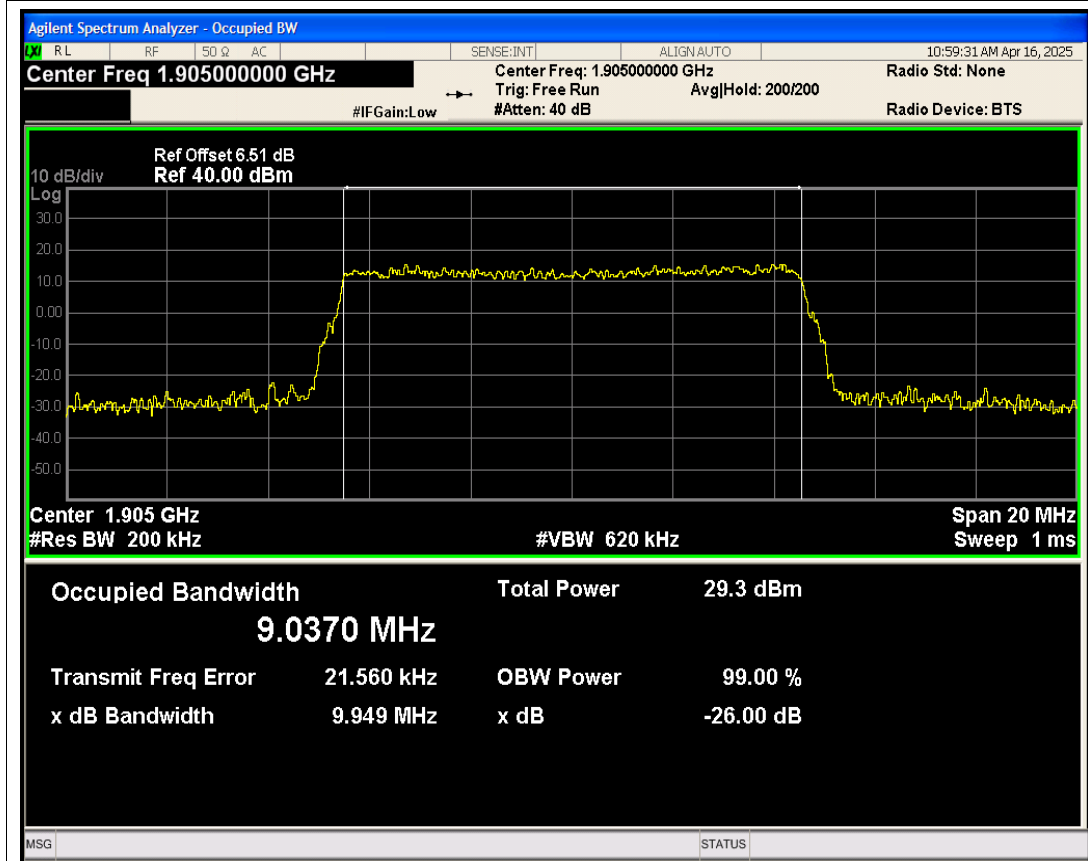
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0 NVNT



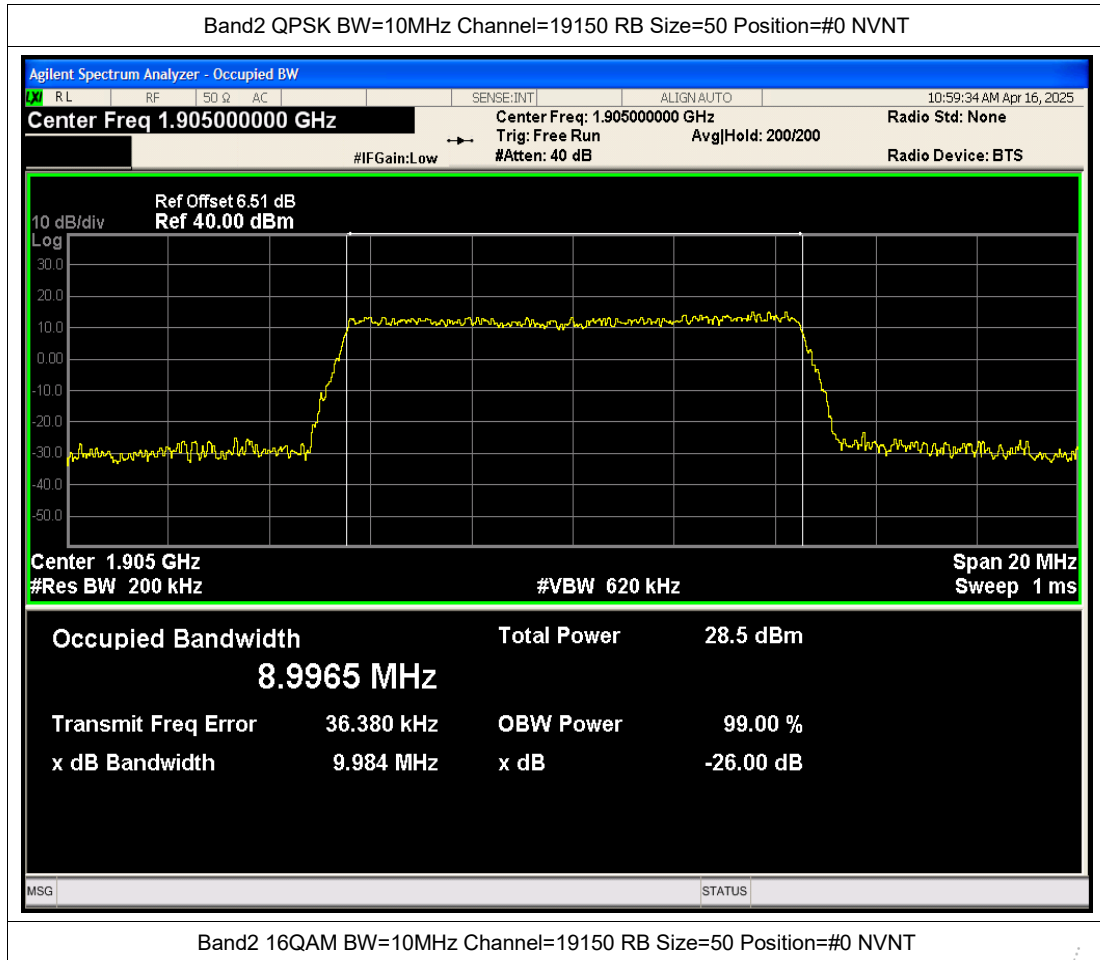


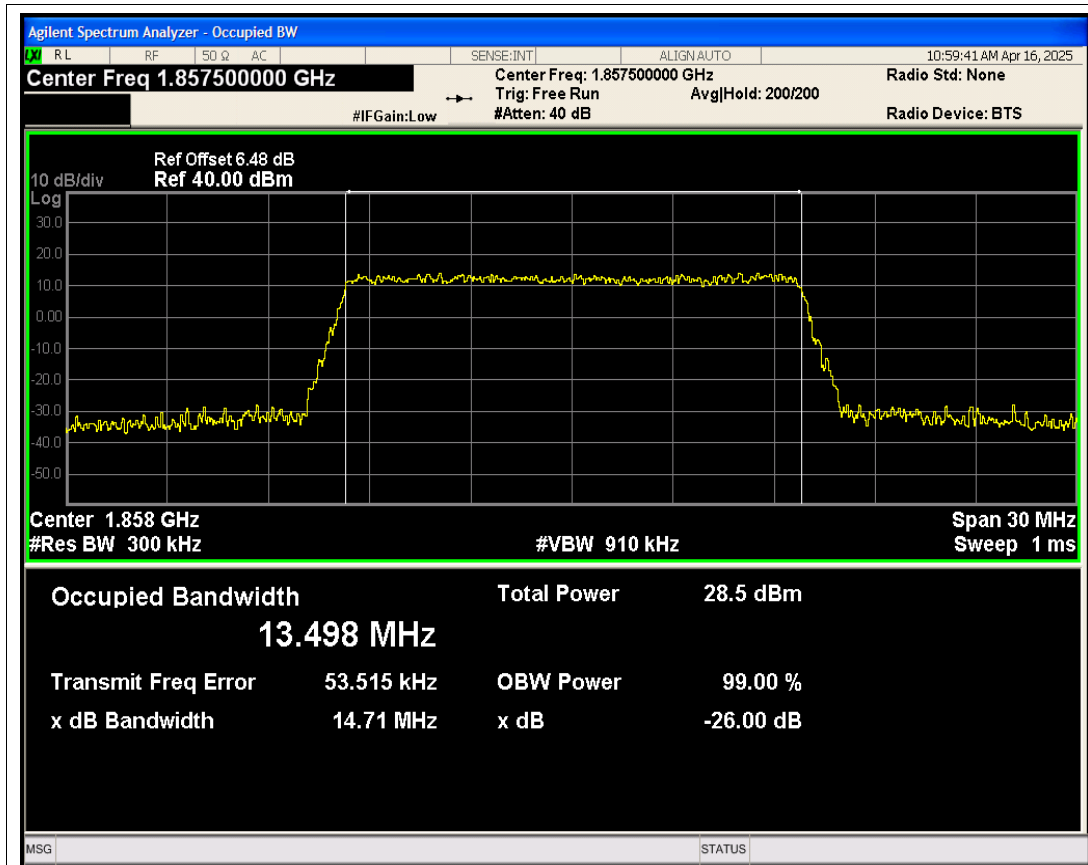


Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0 NVNT

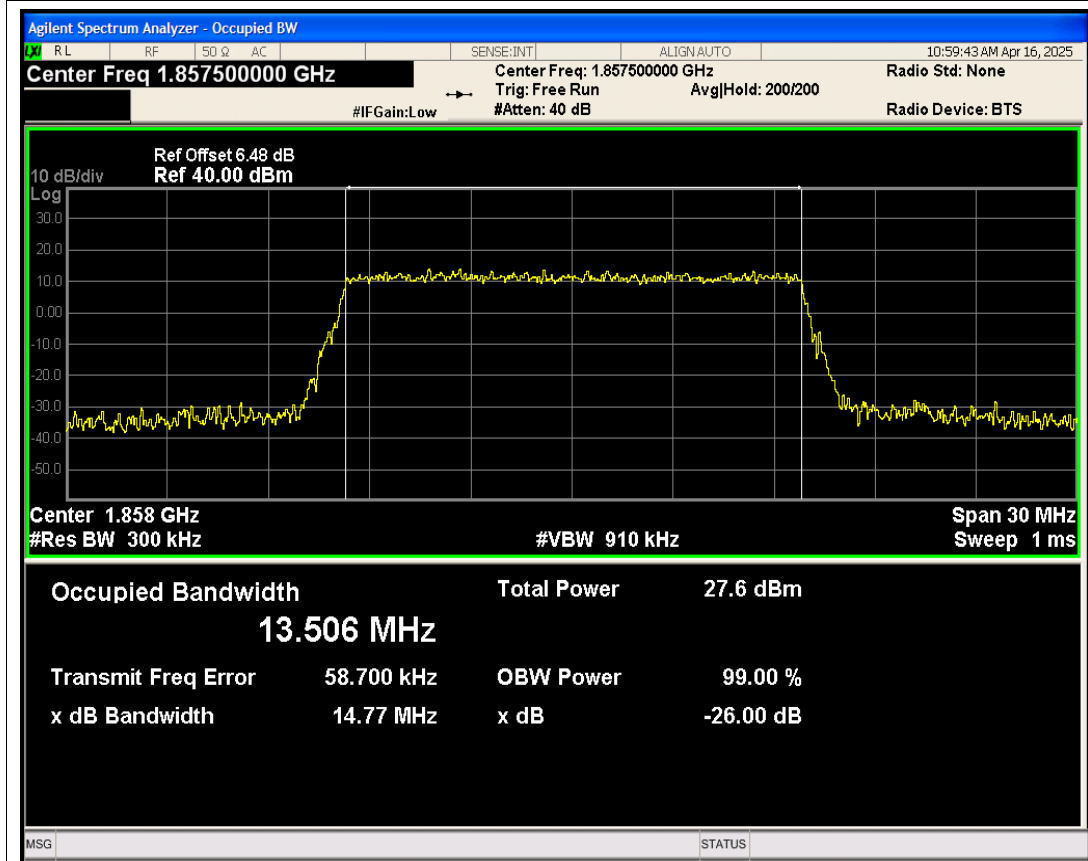






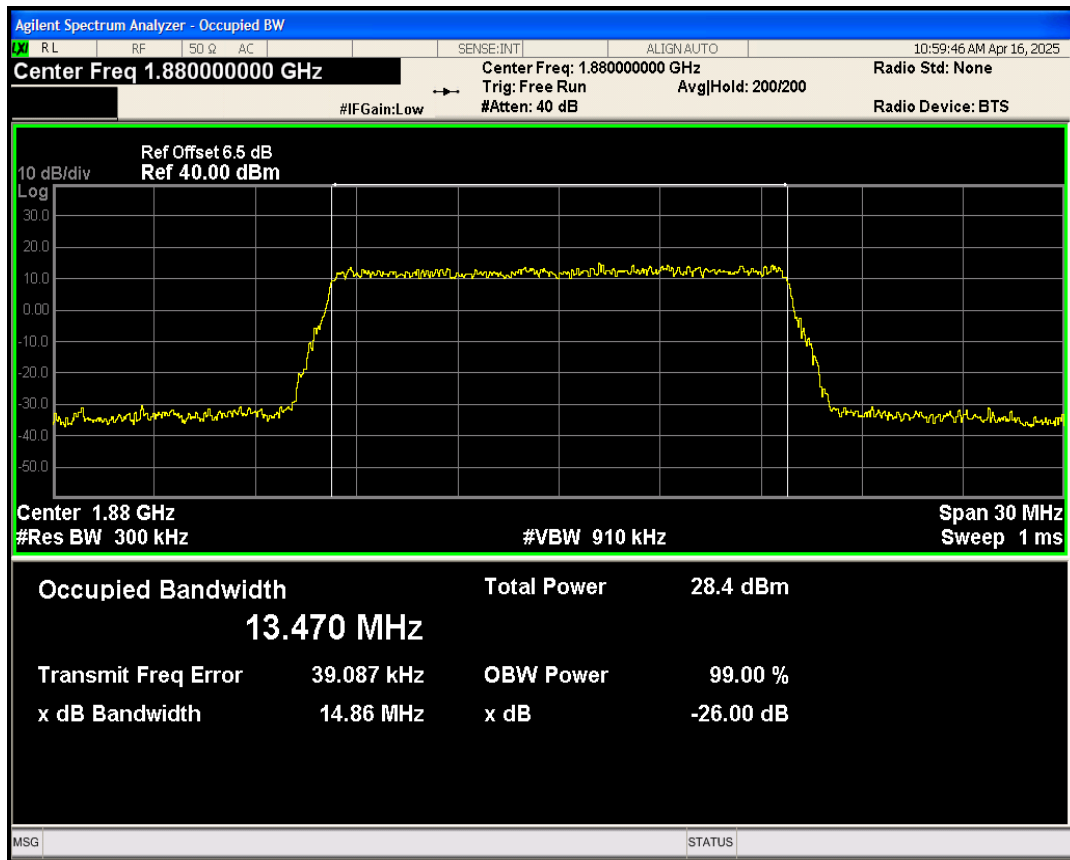


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0 NVNT

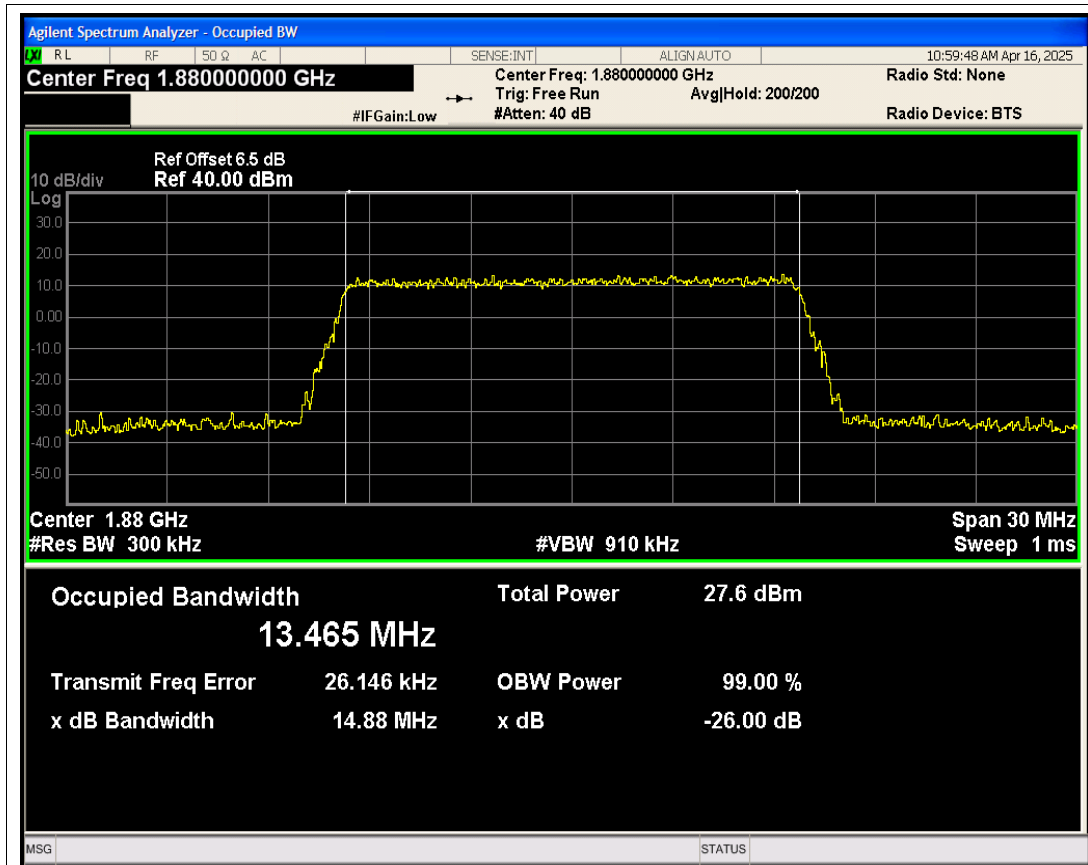




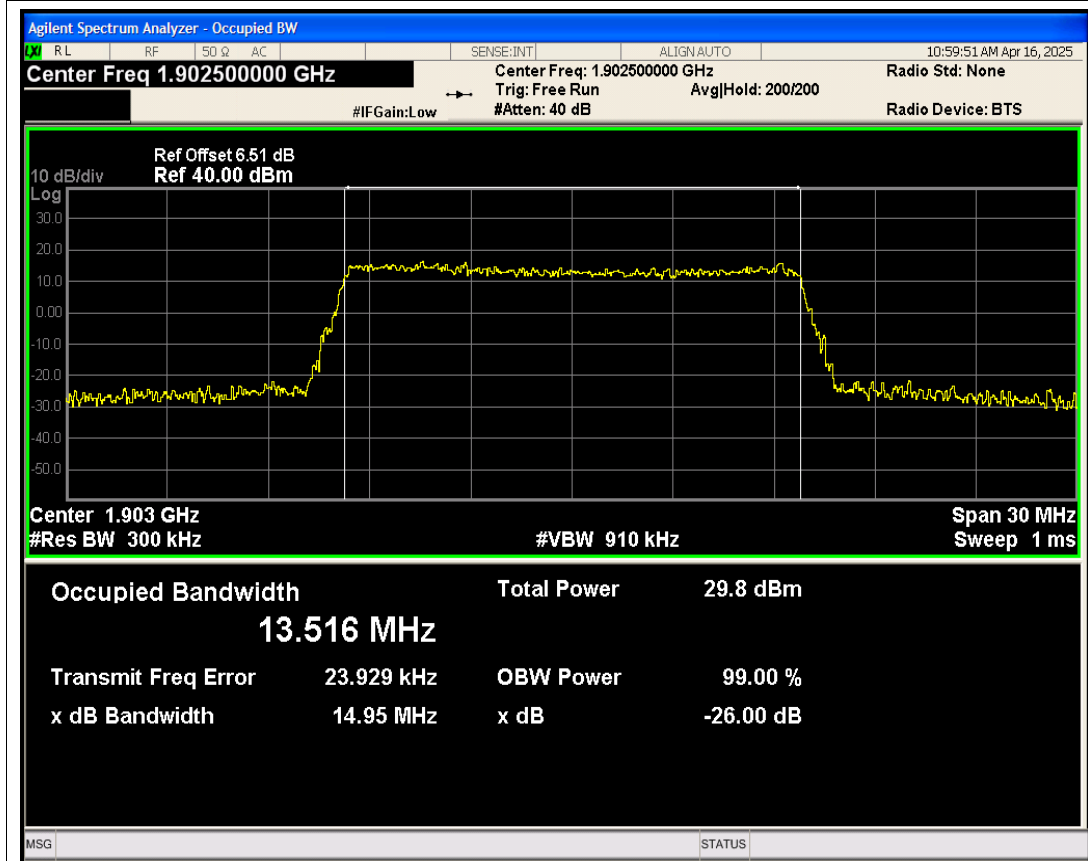
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0 NVNT

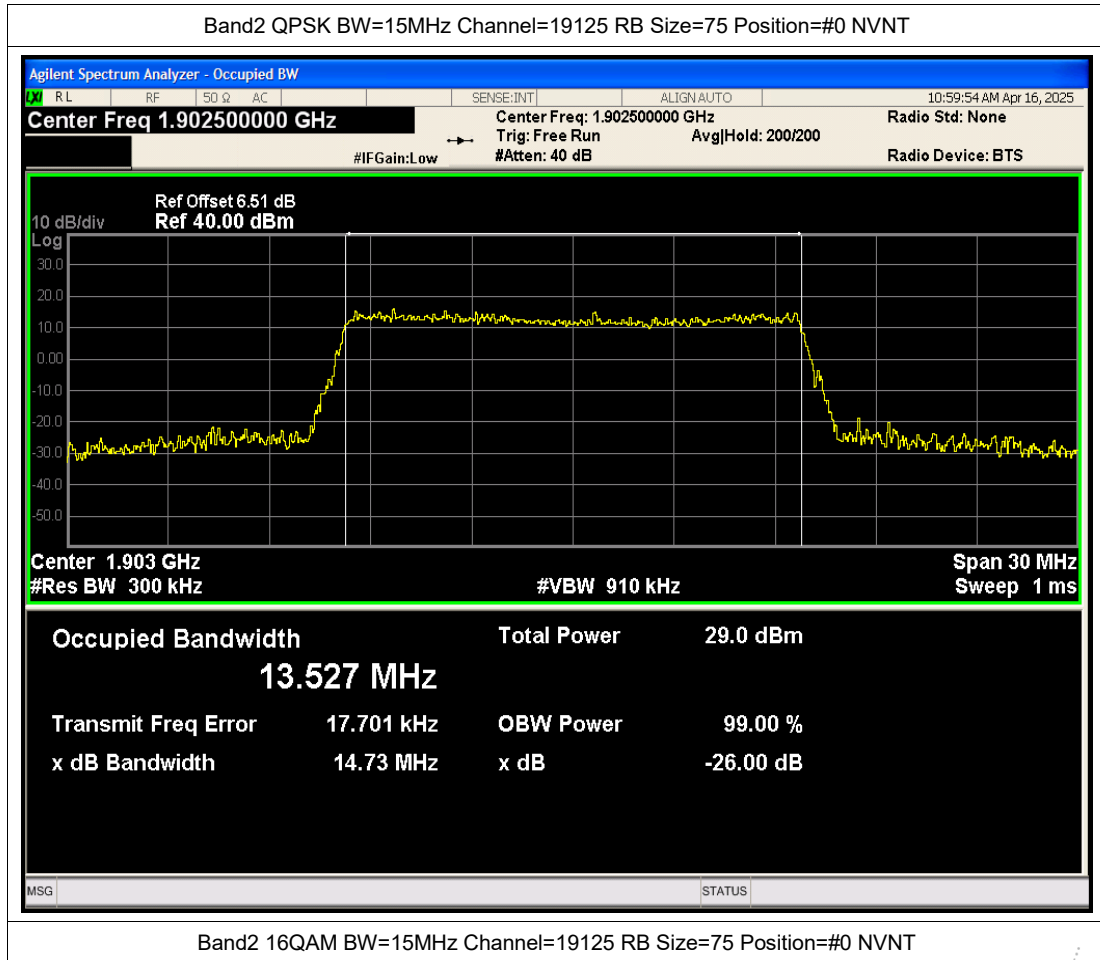


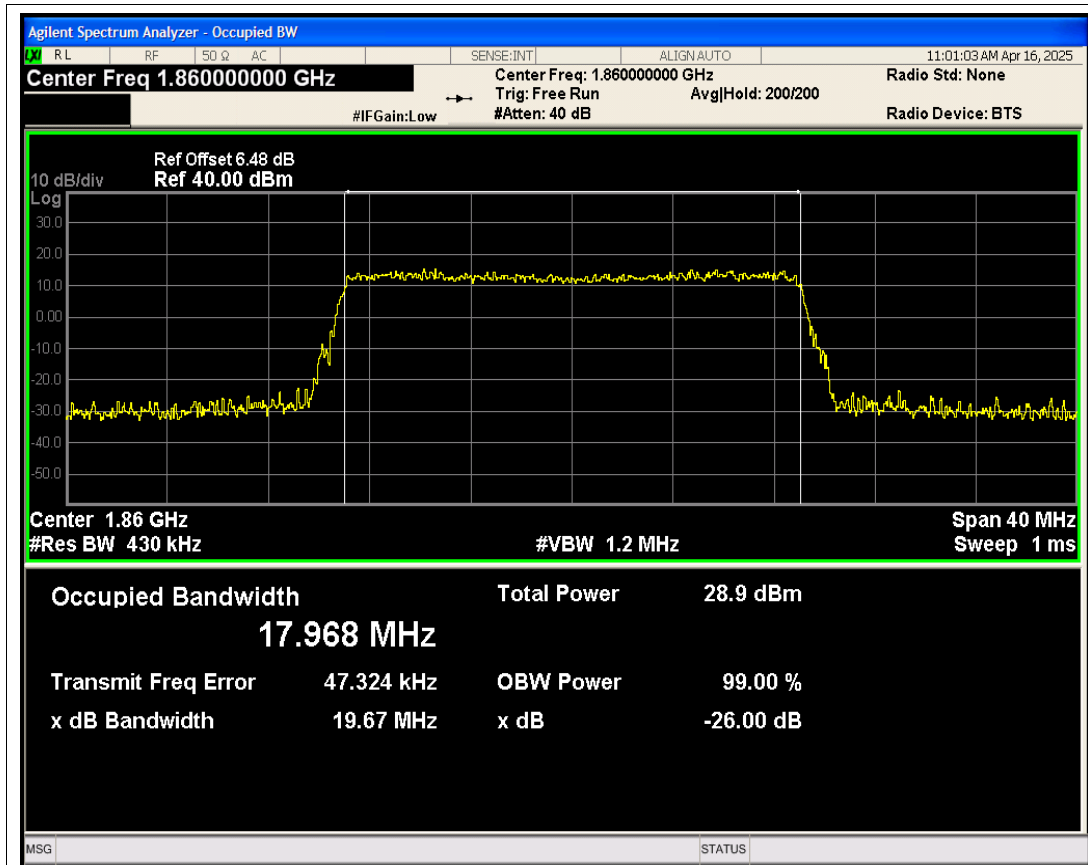
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0 NVNT



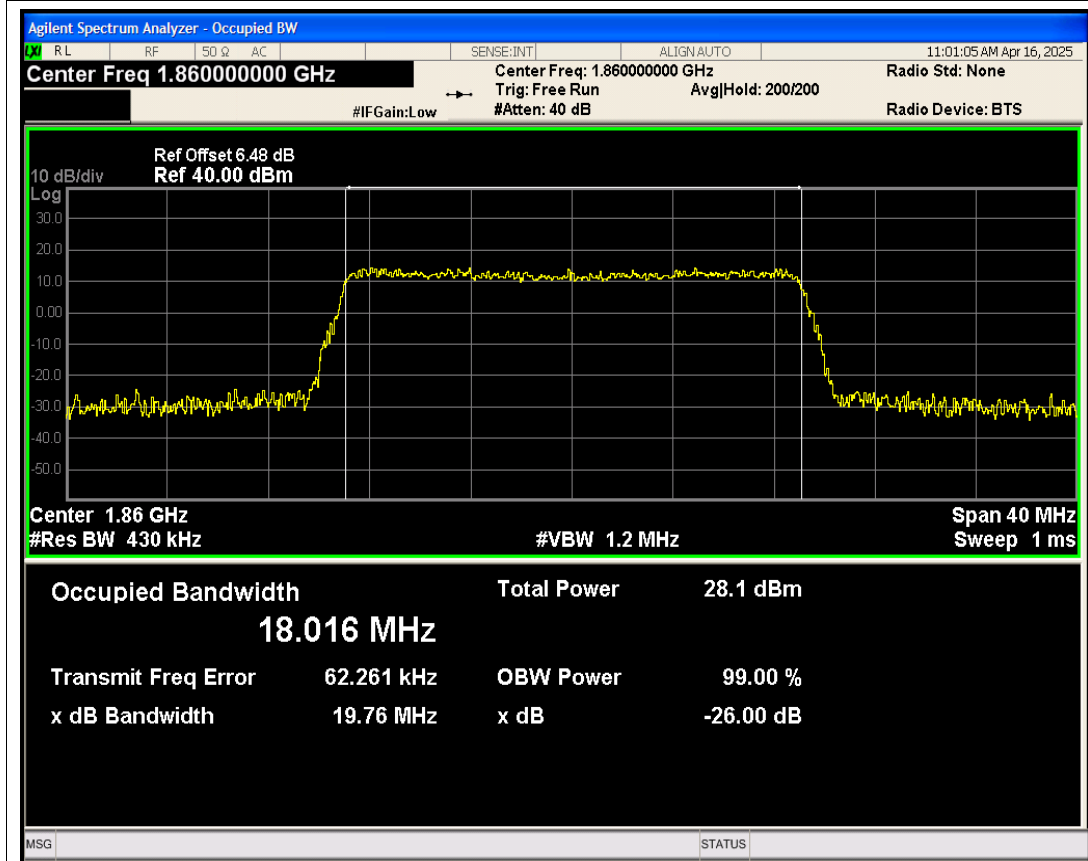
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0 NVNT

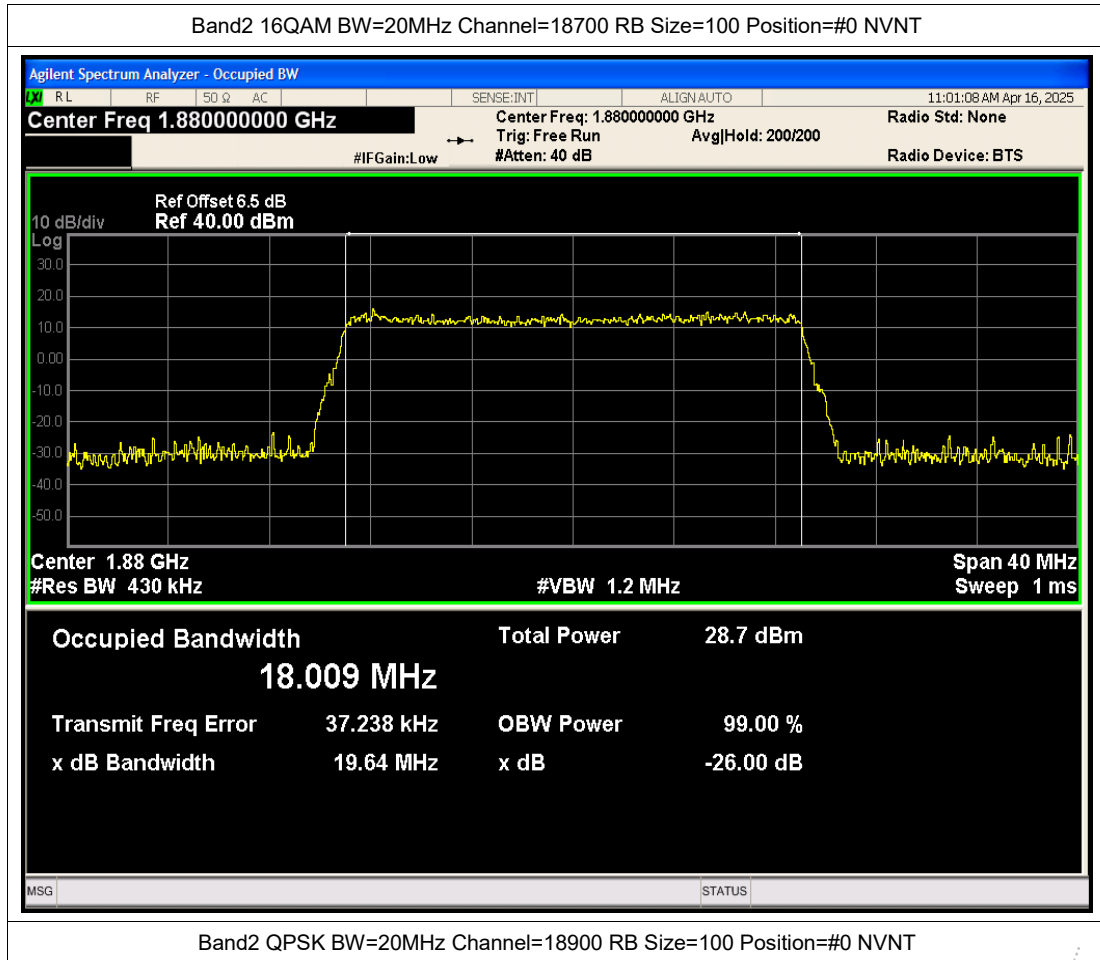


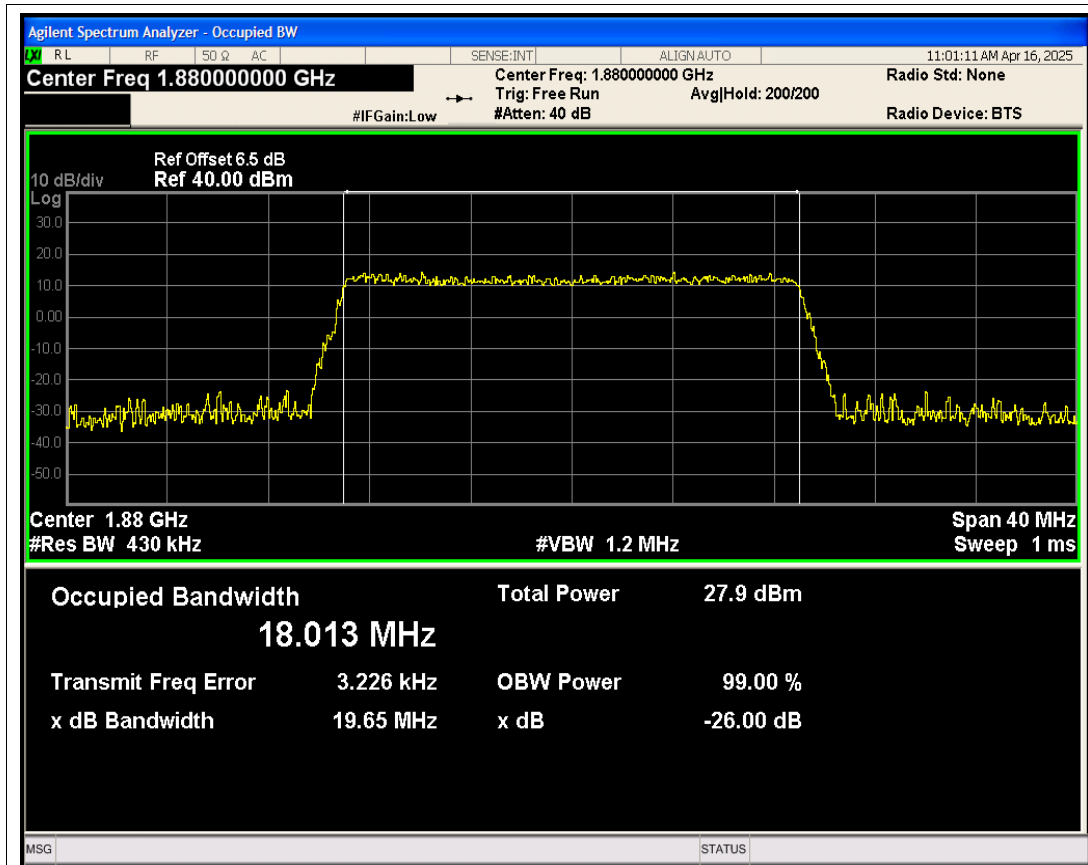




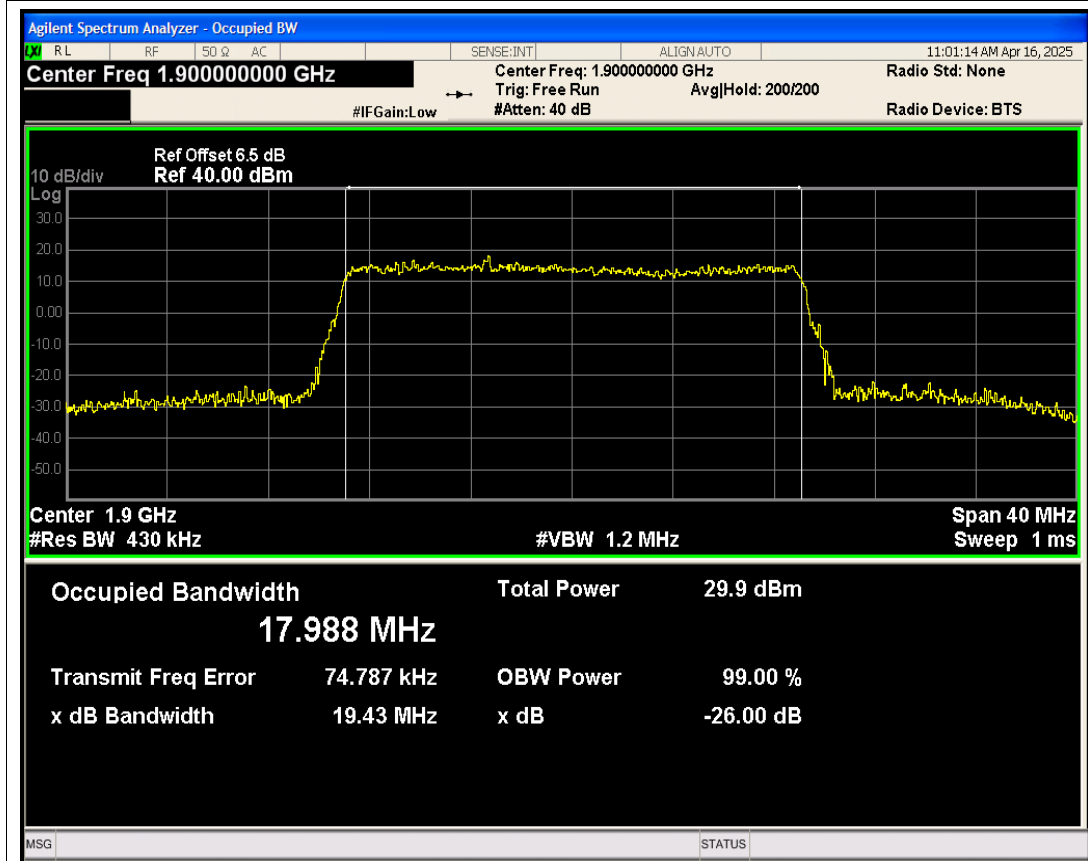
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0 NVNT



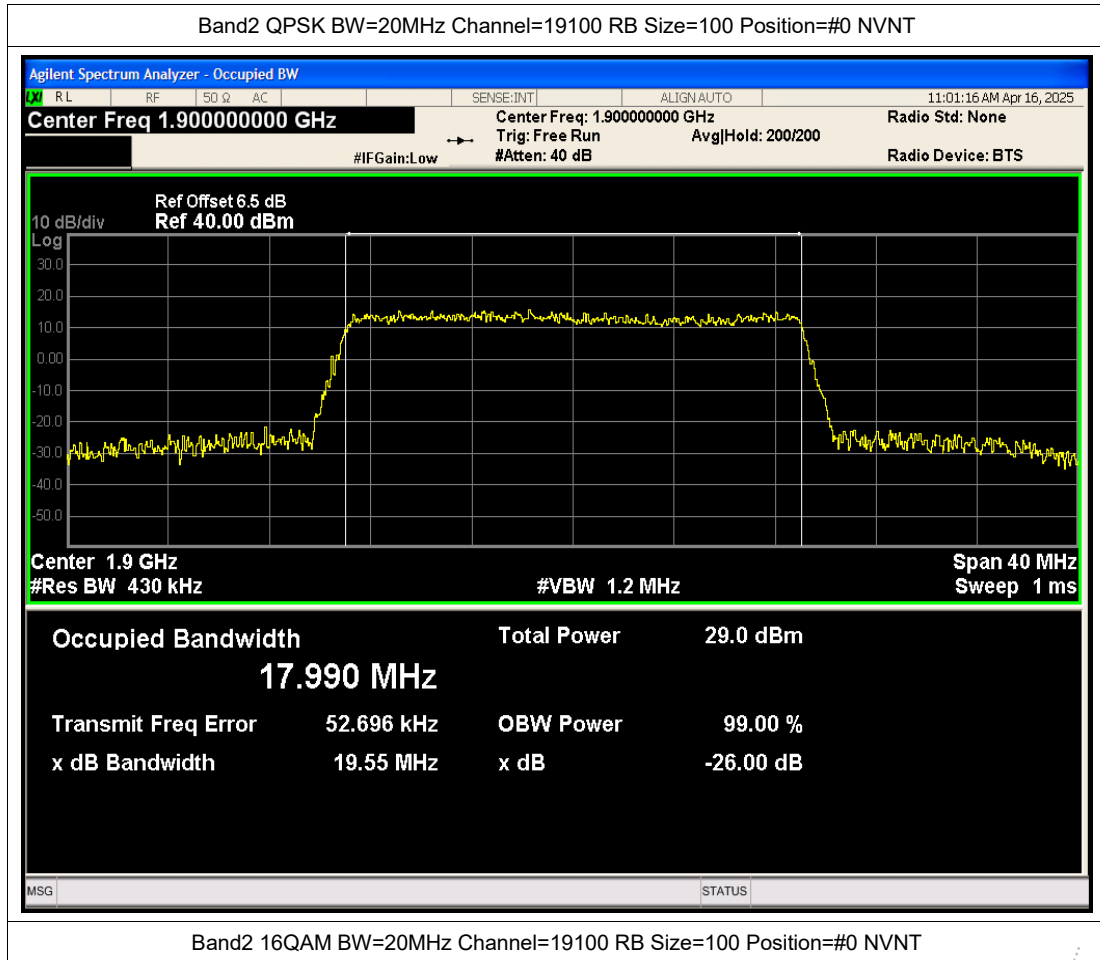




Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0 NVNT

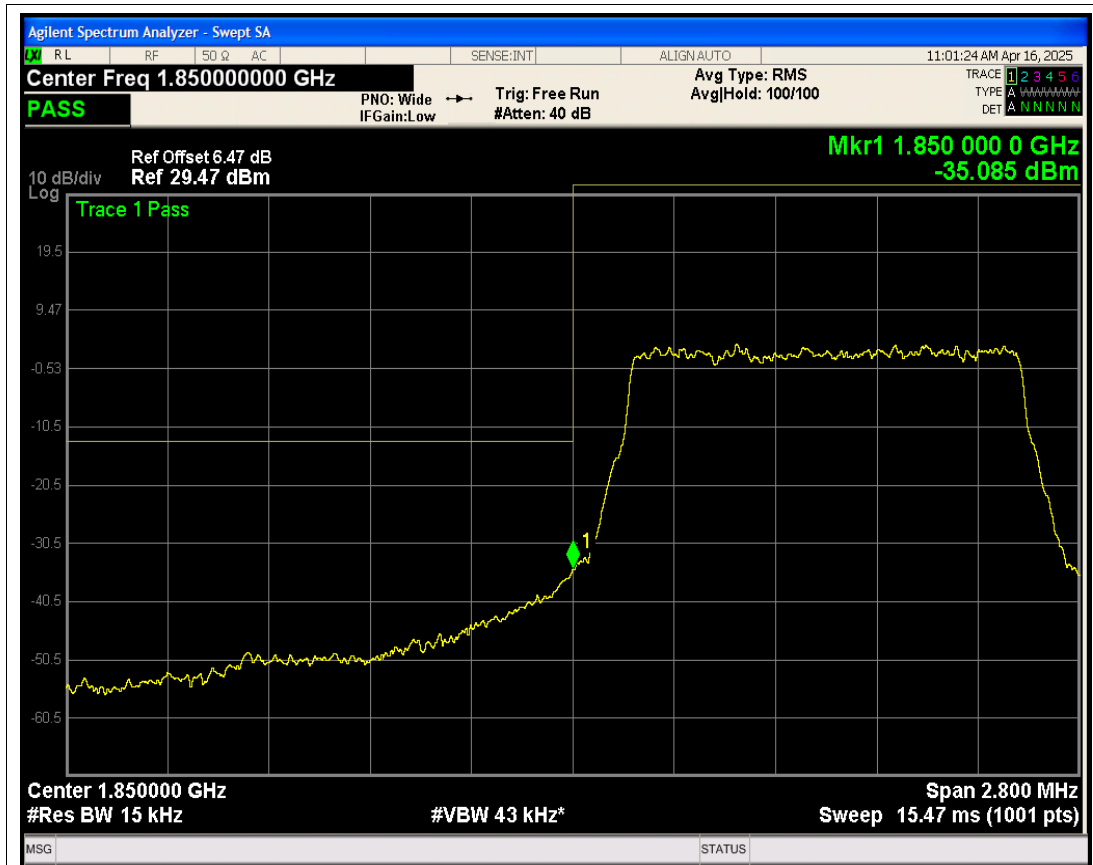




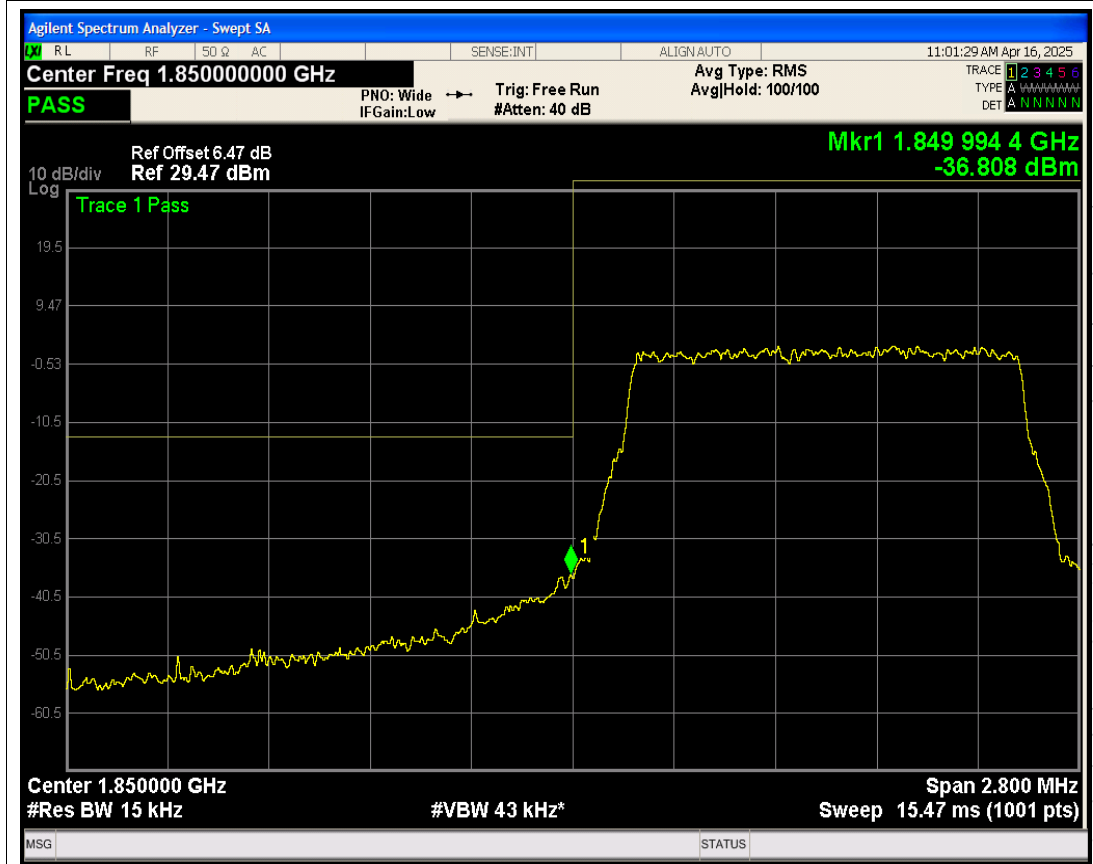


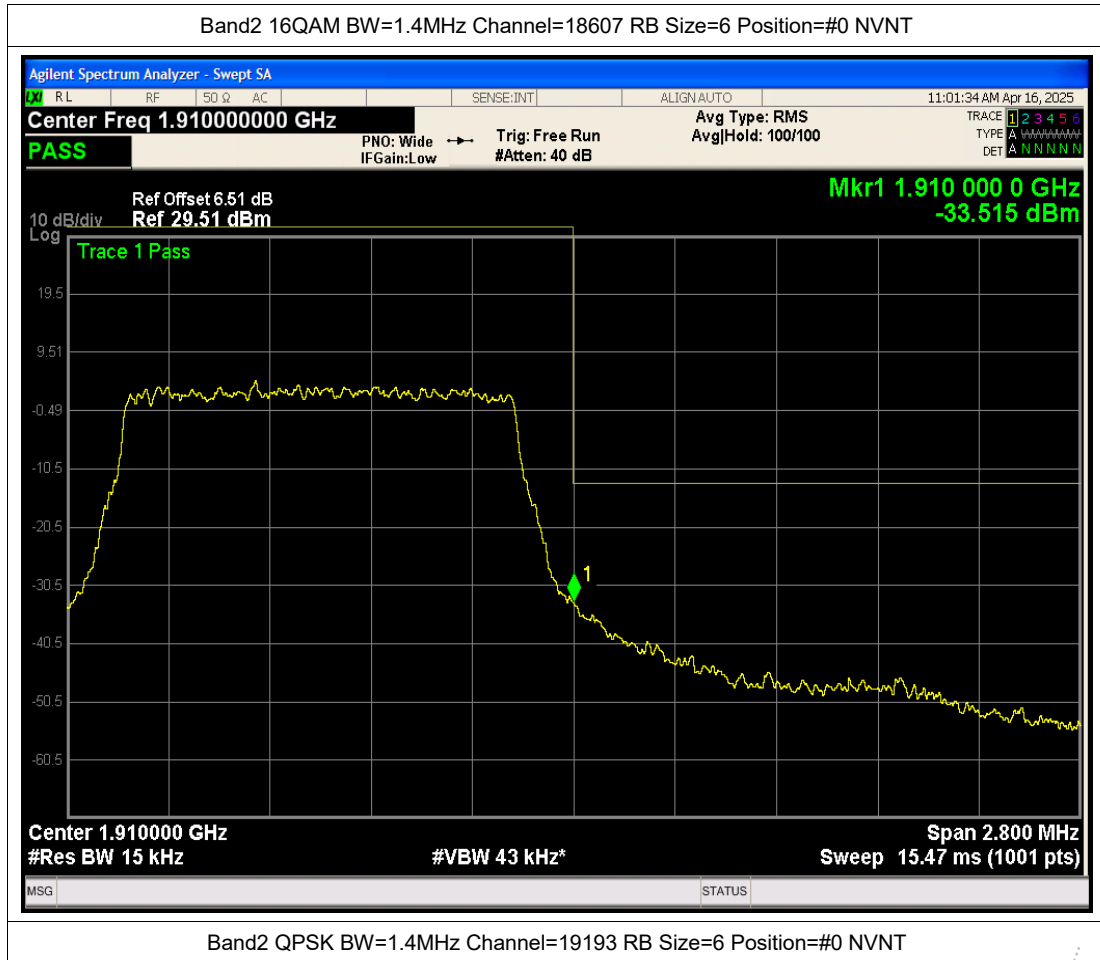
## Appendix 5.Band edge

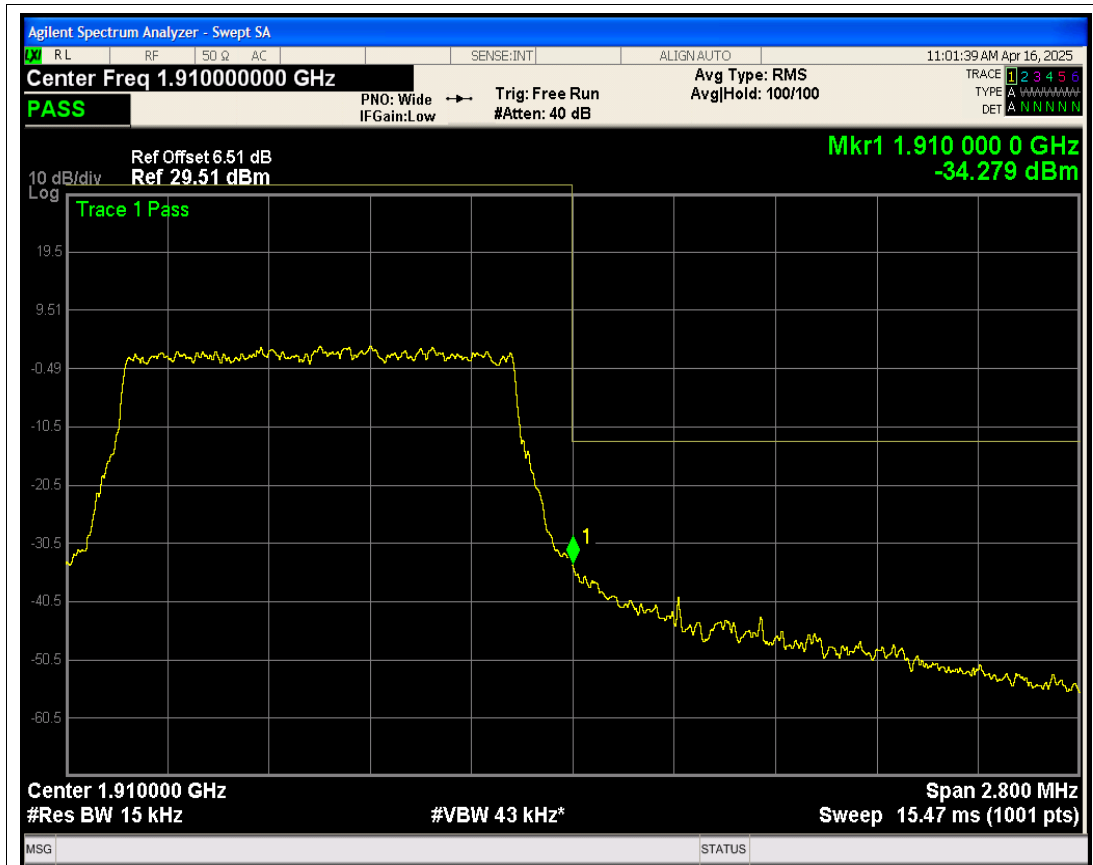
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band2	1.4	18607	6	#0	QPSK	1850.00	-35.08	-13	PASS
NVNT	Band2	1.4	18607	6	#0	16QAM	1849.99	-36.80	-13	PASS
NVNT	Band2	1.4	19193	6	#0	QPSK	1910.00	-33.51	-13	PASS
NVNT	Band2	1.4	19193	6	#0	16QAM	1910.00	-34.27	-13	PASS
NVNT	Band2	3	18615	15	#0	QPSK	1850.00	-25.84	-13	PASS
NVNT	Band2	3	18615	15	#0	16QAM	1850.00	-28.44	-13	PASS
NVNT	Band2	3	19185	15	#0	QPSK	1910.00	-27.41	-13	PASS
NVNT	Band2	3	19185	15	#0	16QAM	1910.00	-25.68	-13	PASS
NVNT	Band2	5	18625	25	#0	QPSK	1850.00	-36.05	-13	PASS
NVNT	Band2	5	18625	25	#0	16QAM	1850.00	-35.66	-13	PASS
NVNT	Band2	5	19175	25	#0	QPSK	1910.01	-31.70	-13	PASS
NVNT	Band2	5	19175	25	#0	16QAM	1910.01	-32.88	-13	PASS
NVNT	Band2	10	18650	50	#0	QPSK	1850.00	-37.71	-13	PASS
NVNT	Band2	10	18650	50	#0	16QAM	1850.00	-41.17	-13	PASS
NVNT	Band2	10	19150	50	#0	QPSK	1910.00	-34.98	-13	PASS
NVNT	Band2	10	19150	50	#0	16QAM	1910.00	-33.54	-13	PASS
NVNT	Band2	15	18675	75	#0	QPSK	1850.00	-38.20	-13	PASS
NVNT	Band2	15	18675	75	#0	16QAM	1850.00	-40.13	-13	PASS
NVNT	Band2	15	19125	75	#0	QPSK	1910.00	-30.89	-13	PASS
NVNT	Band2	15	19125	75	#0	16QAM	1910.21	-35.36	-13	PASS
NVNT	Band2	20	18700	100	#0	QPSK	1850.00	-39.58	-13	PASS
NVNT	Band2	20	18700	100	#0	16QAM	1850.00	-40.35	-13	PASS
NVNT	Band2	20	19100	100	#0	QPSK	1910.00	-36.84	-13	PASS
NVNT	Band2	20	19100	100	#0	16QAM	1910.00	-35.60	-13	PASS



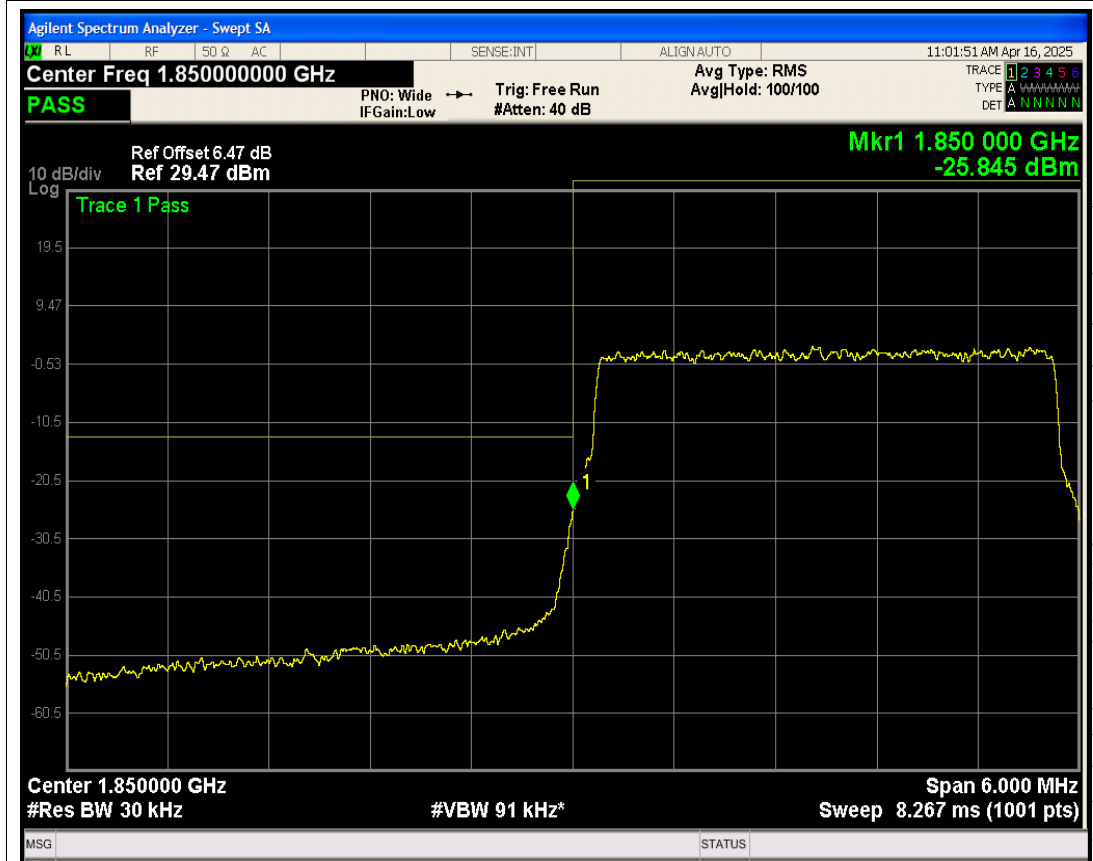
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0 NVNT

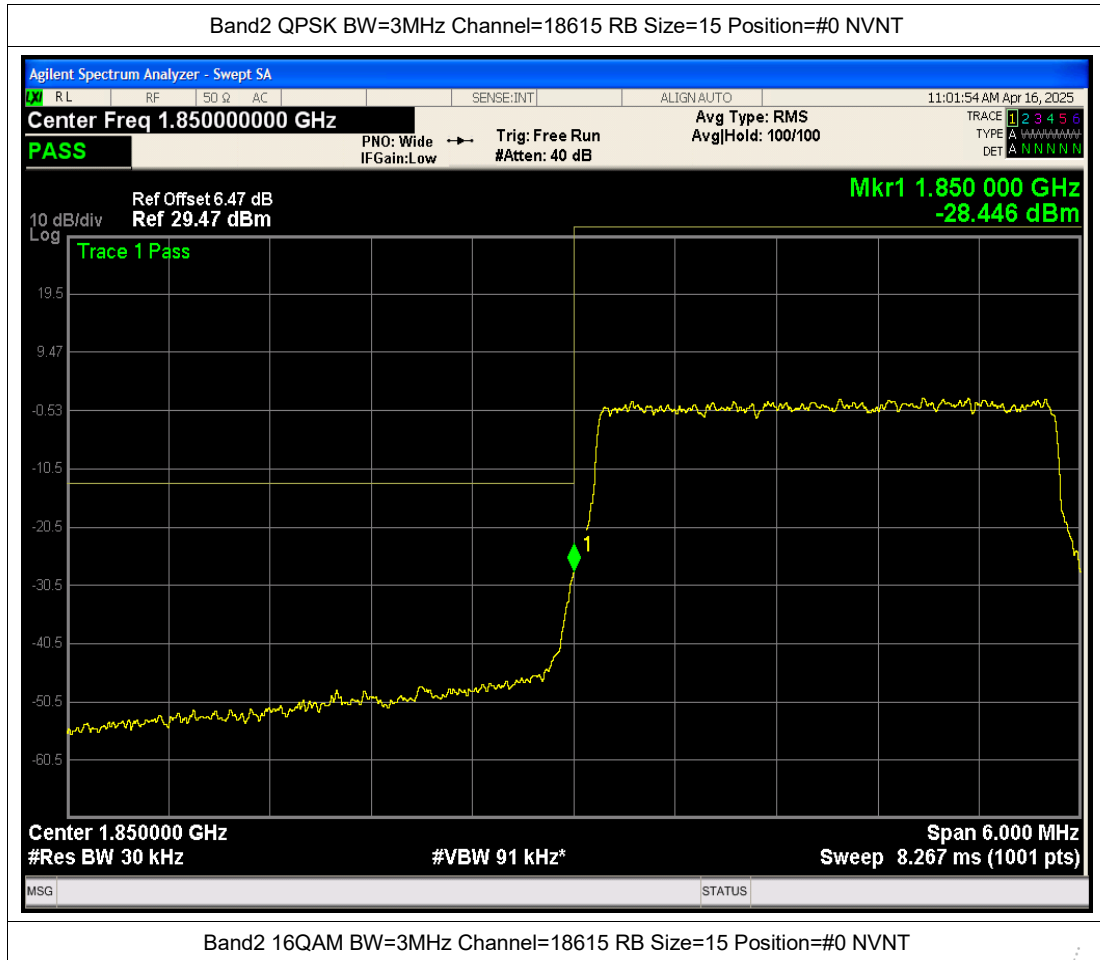


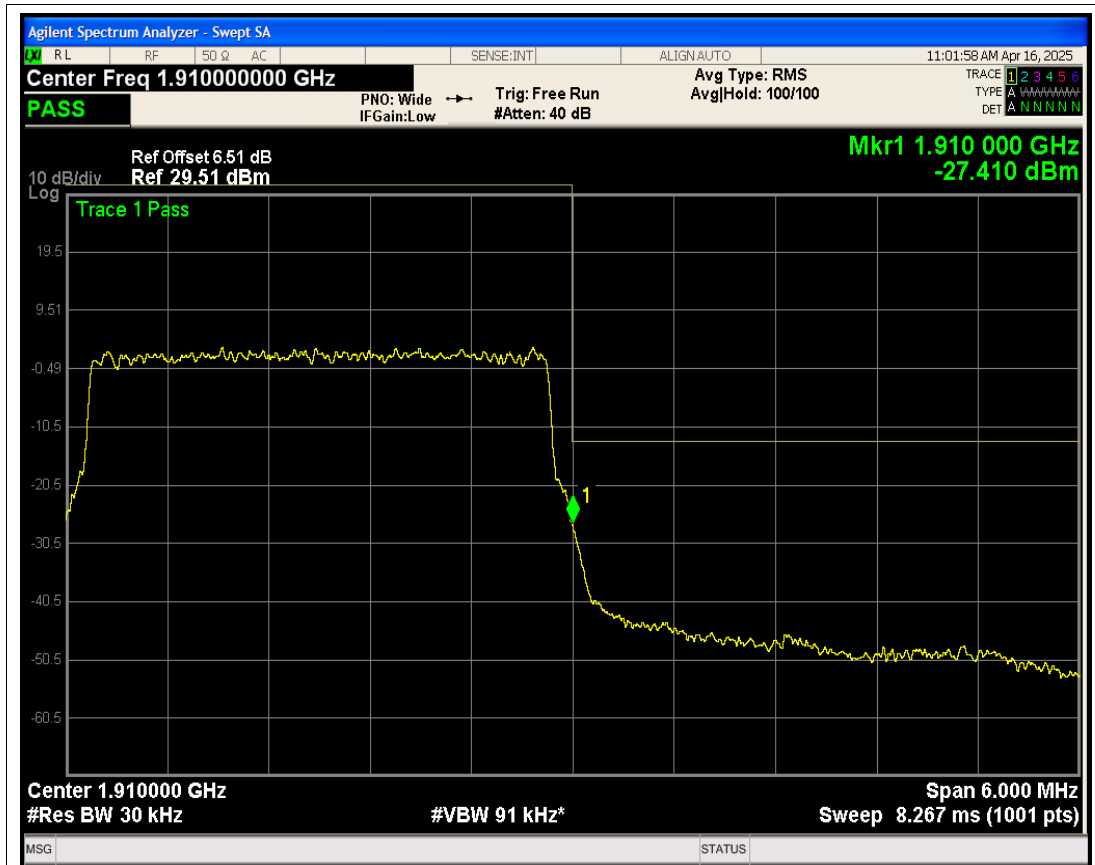




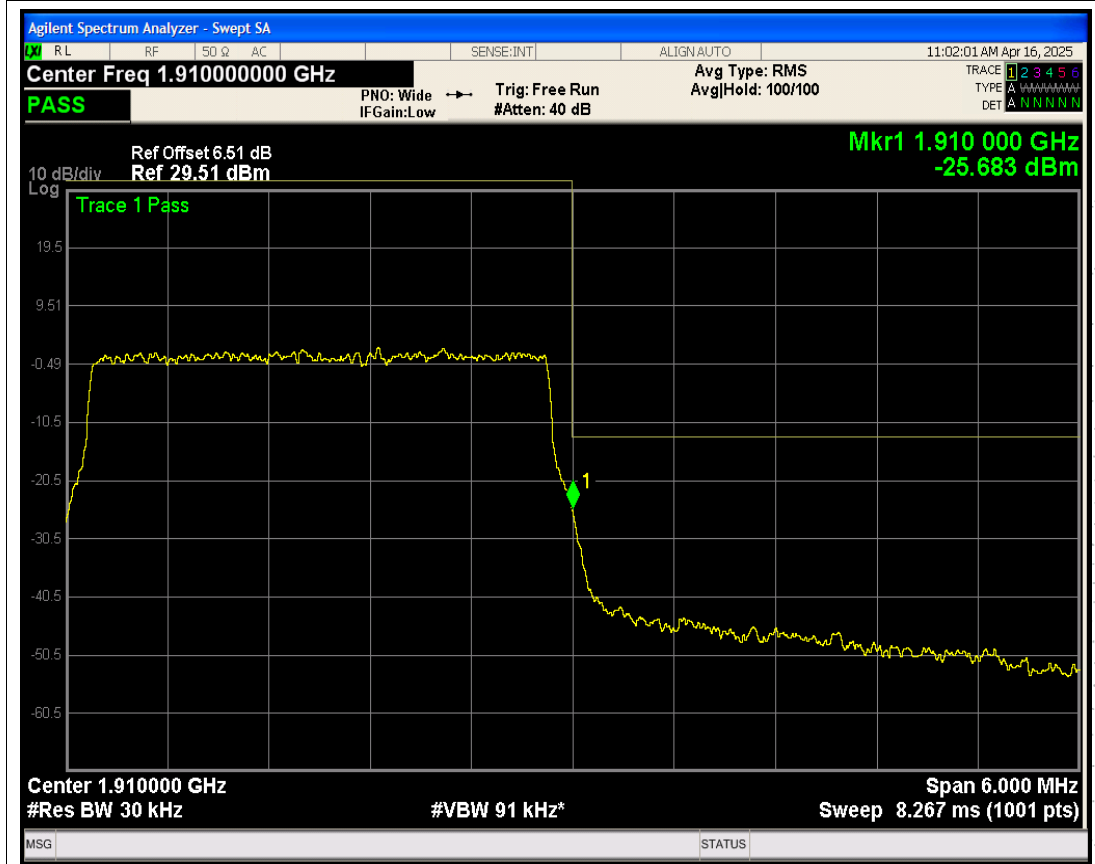
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0 NVNT

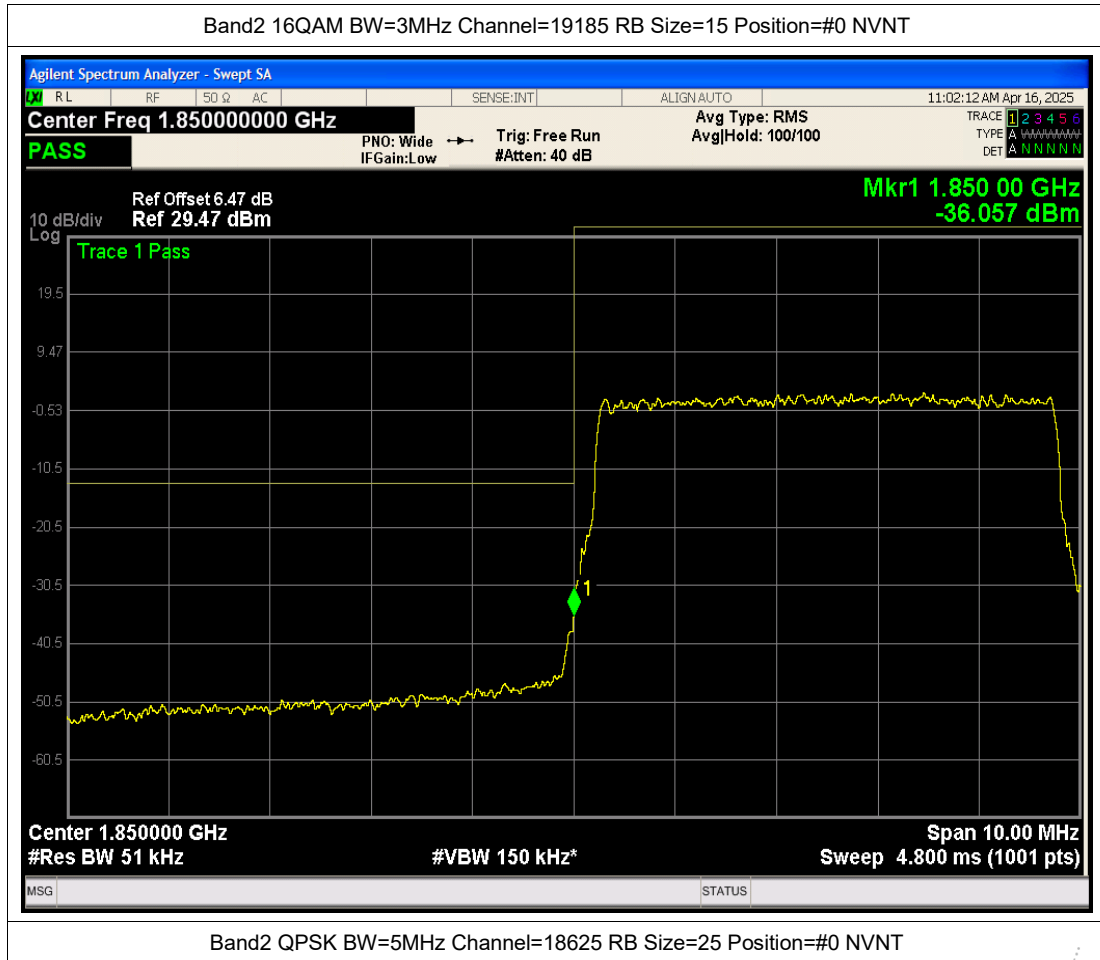




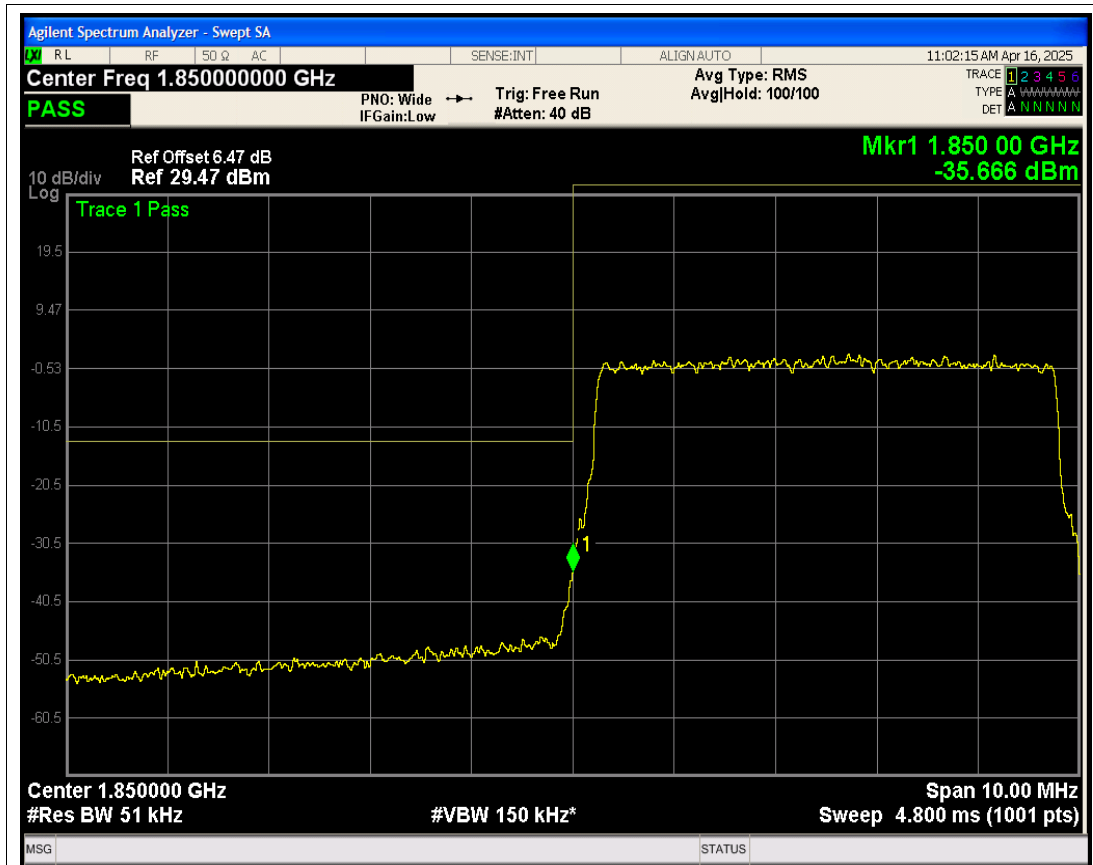


Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0 NVNT

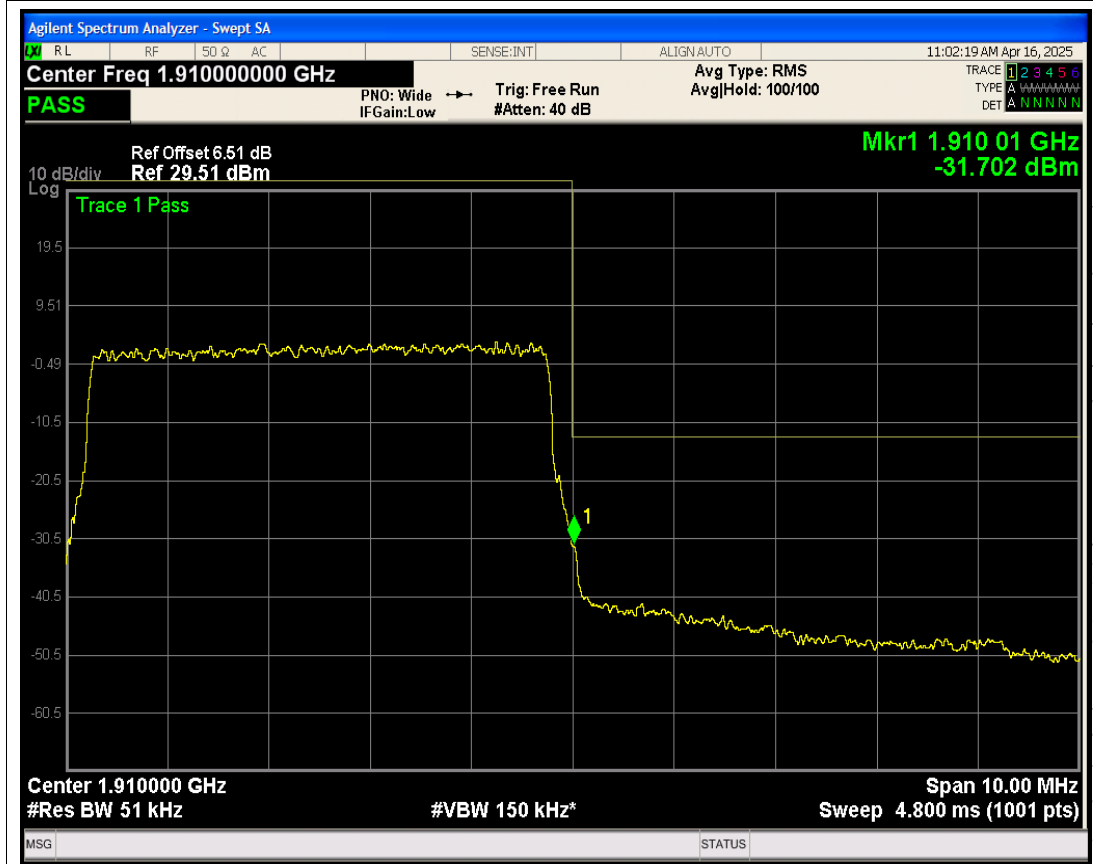






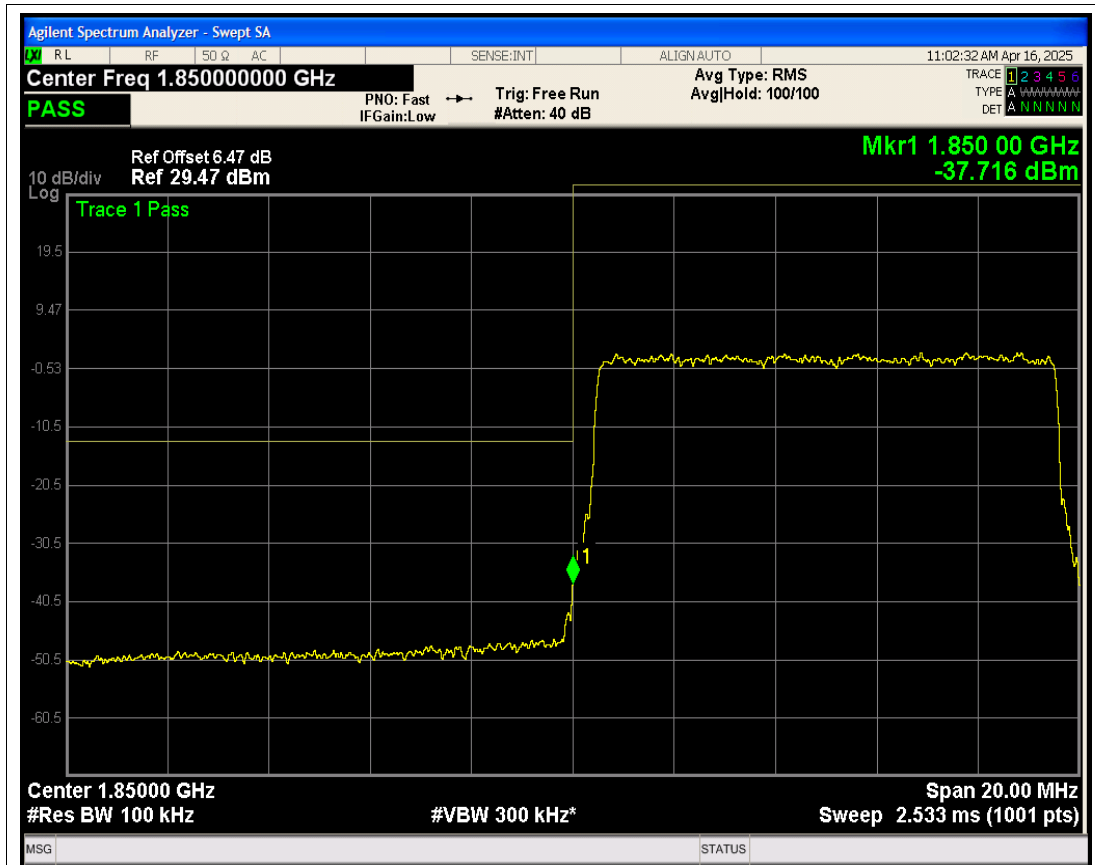


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0 NVNT

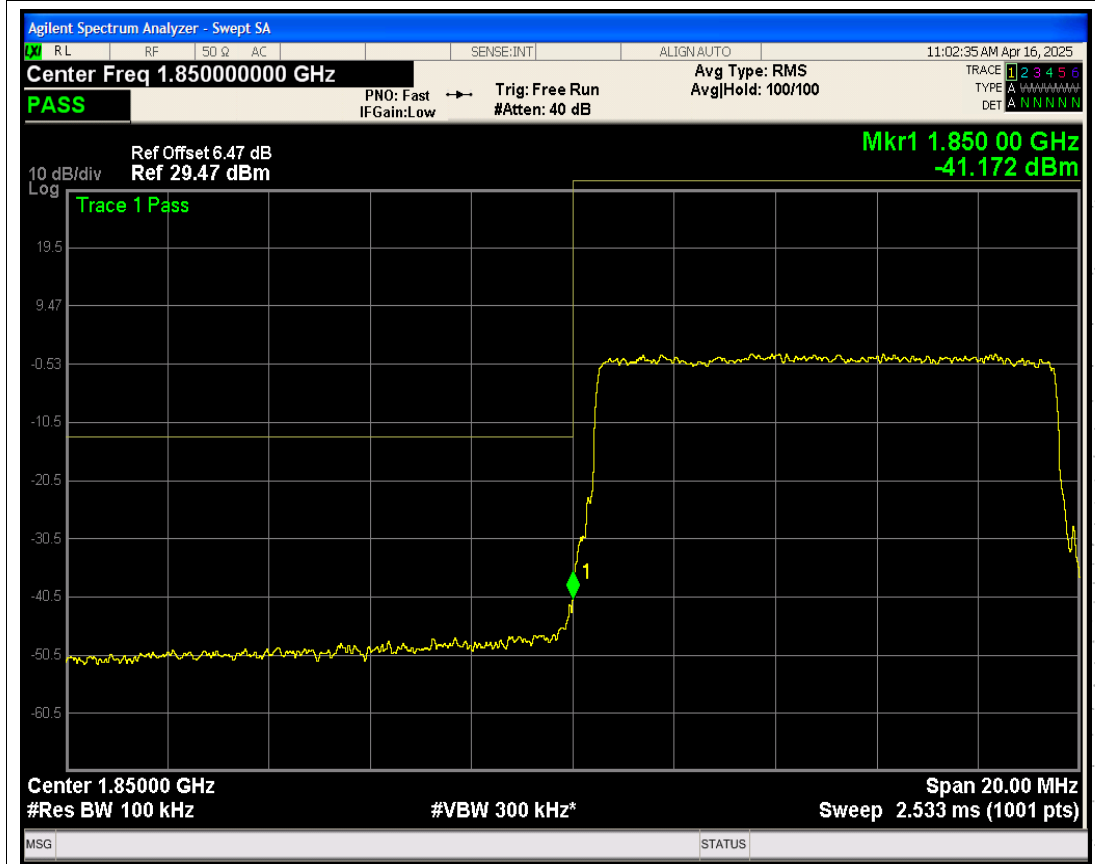


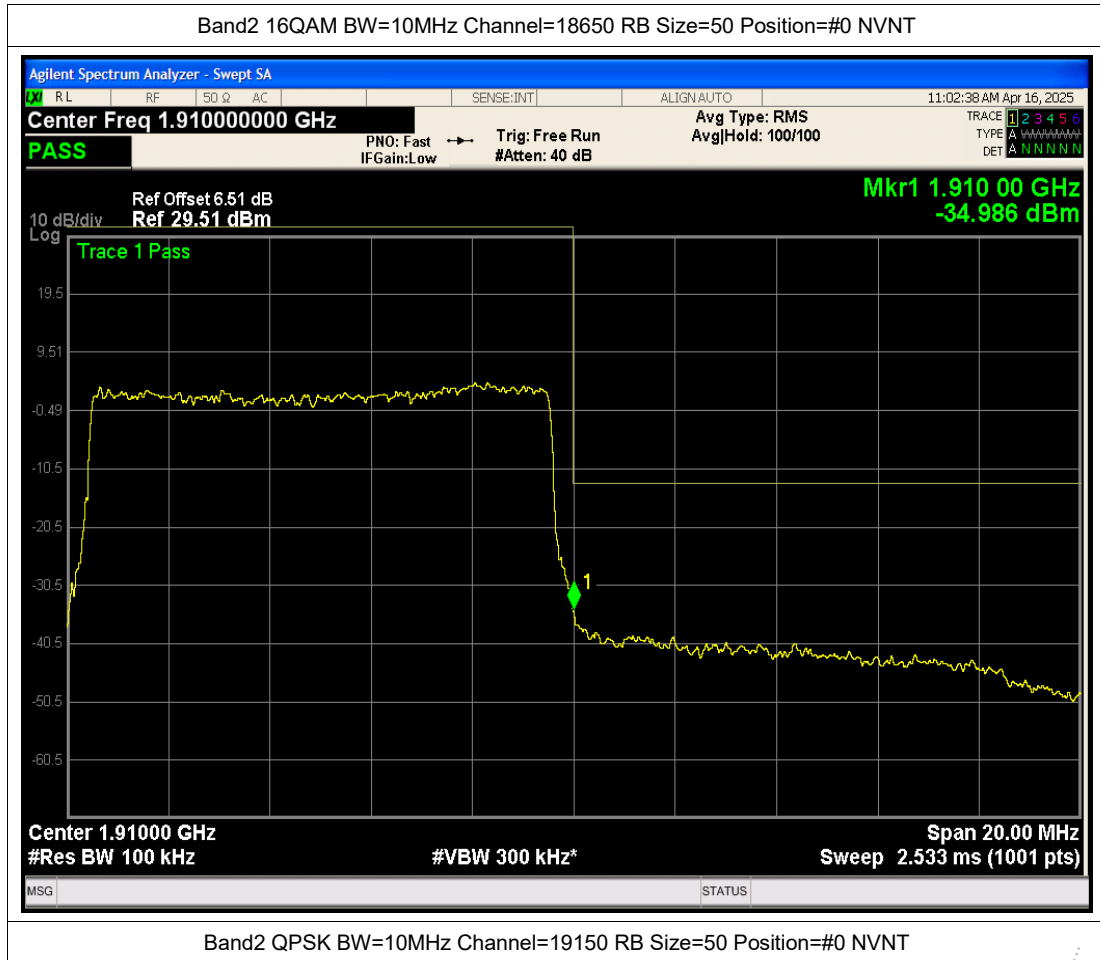


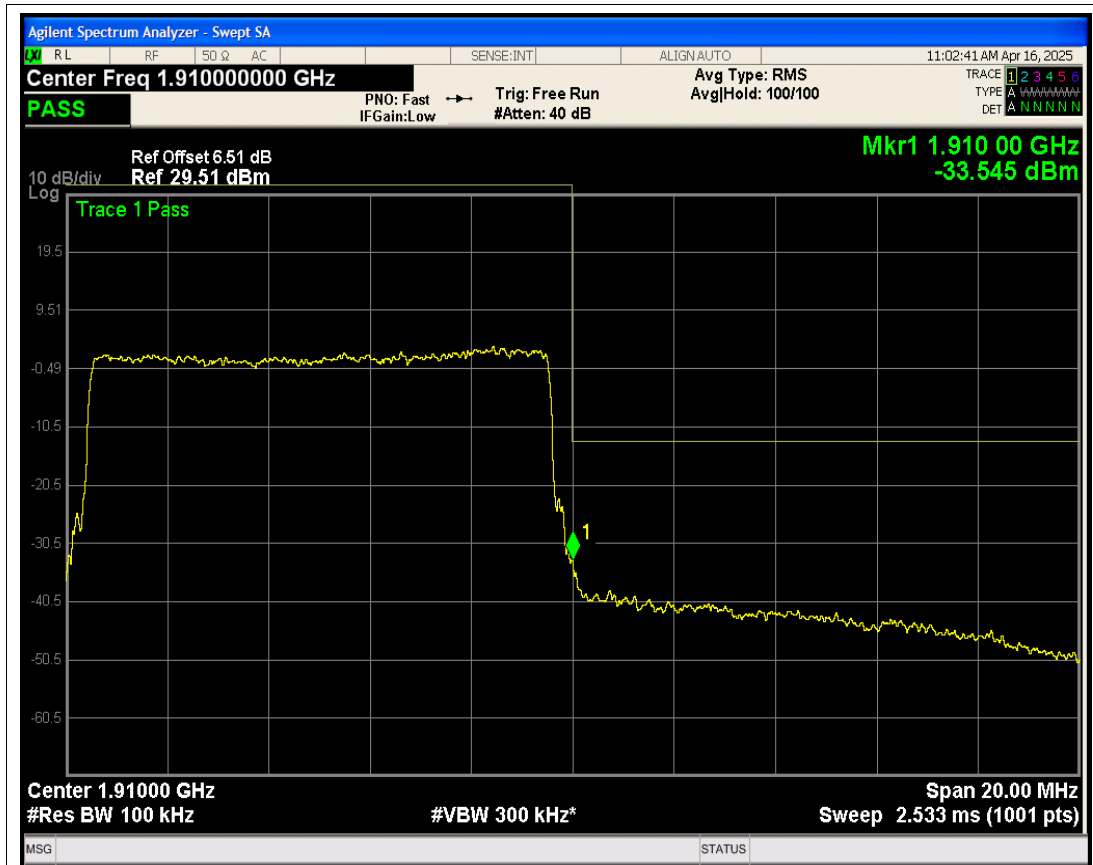
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0 NVNT



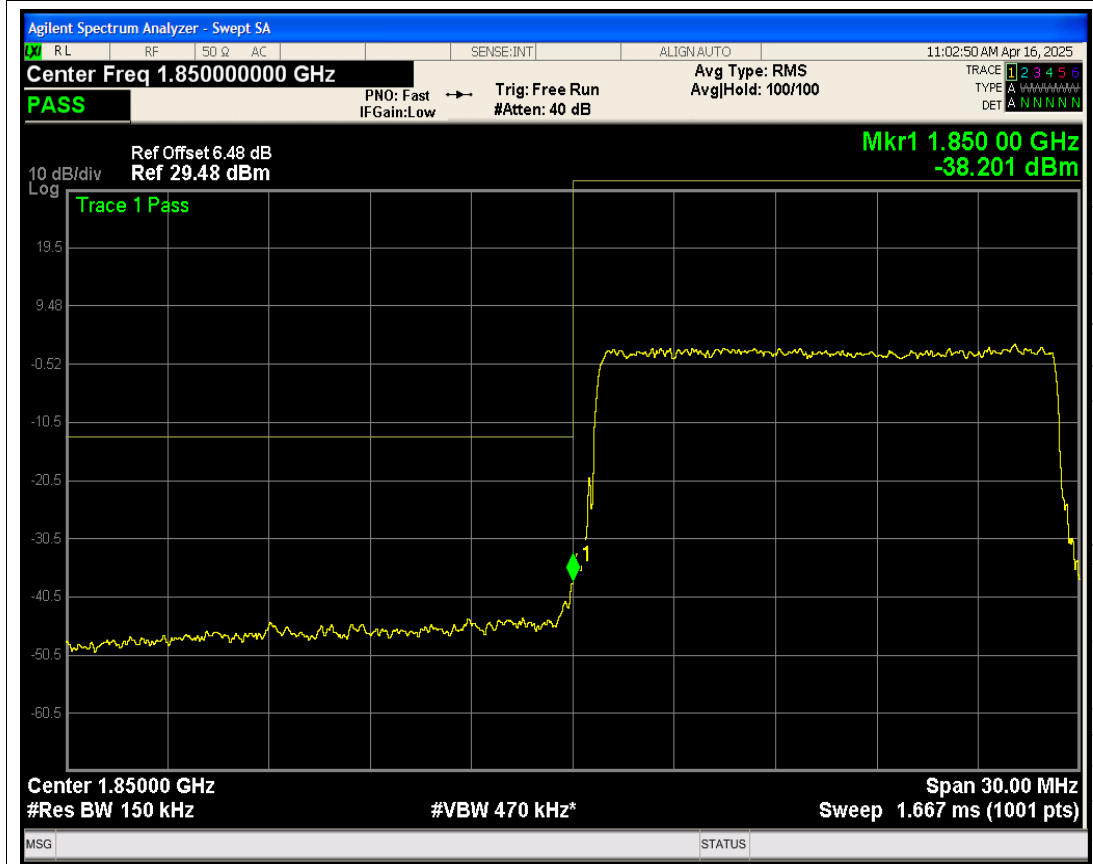
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0 NVNT

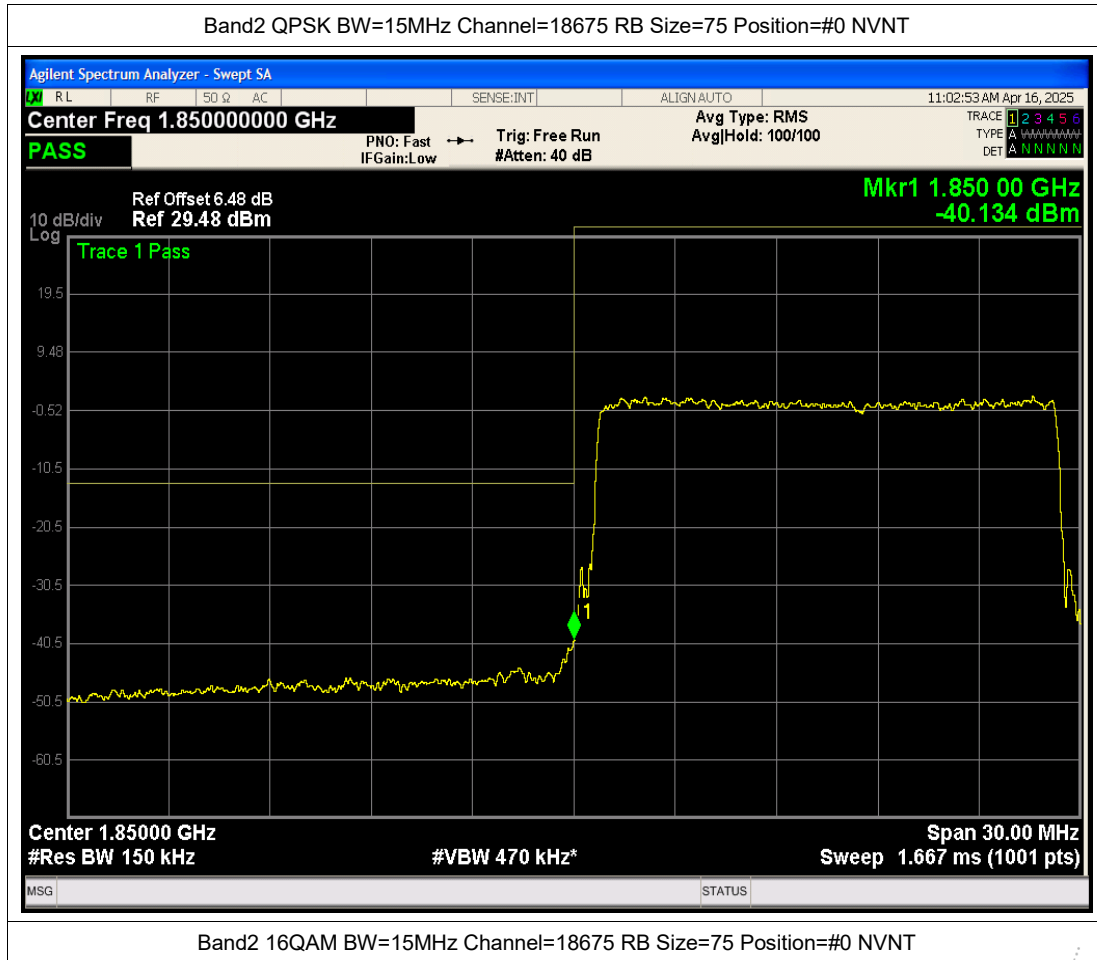






Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0 NVNT

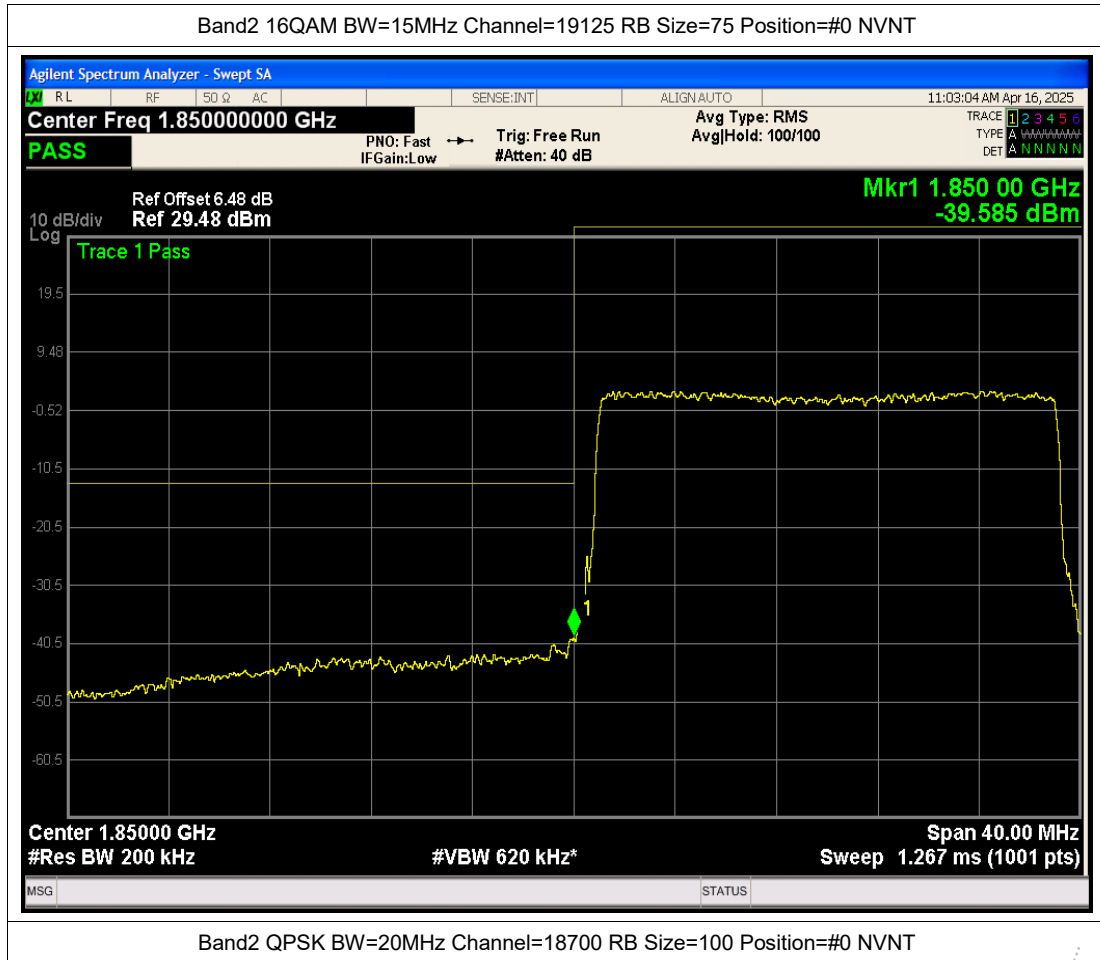




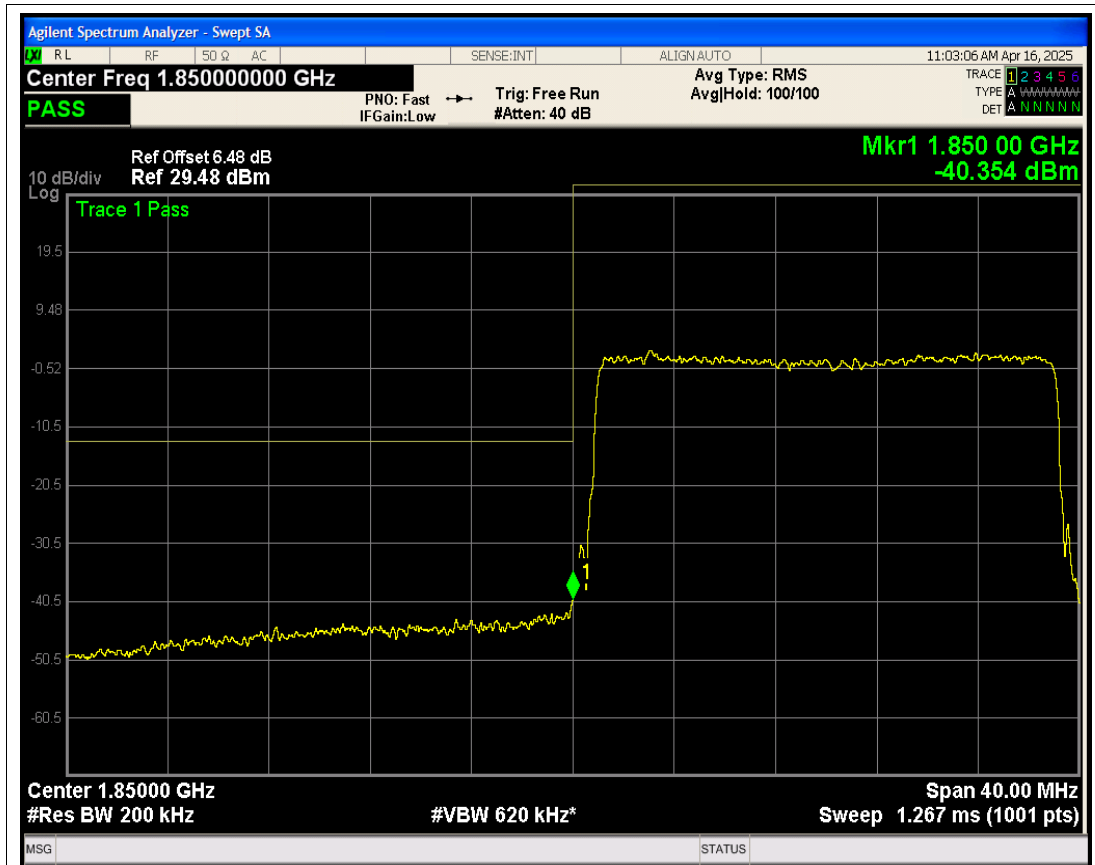


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0 NVNT

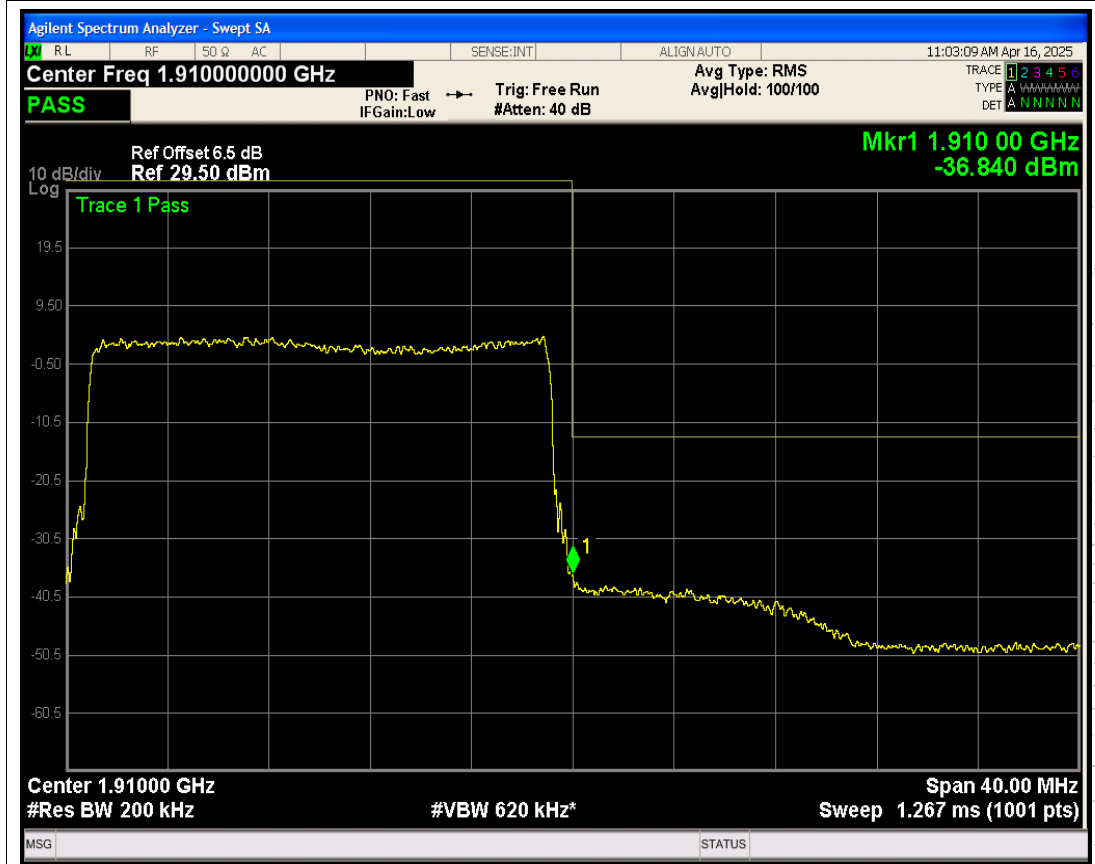


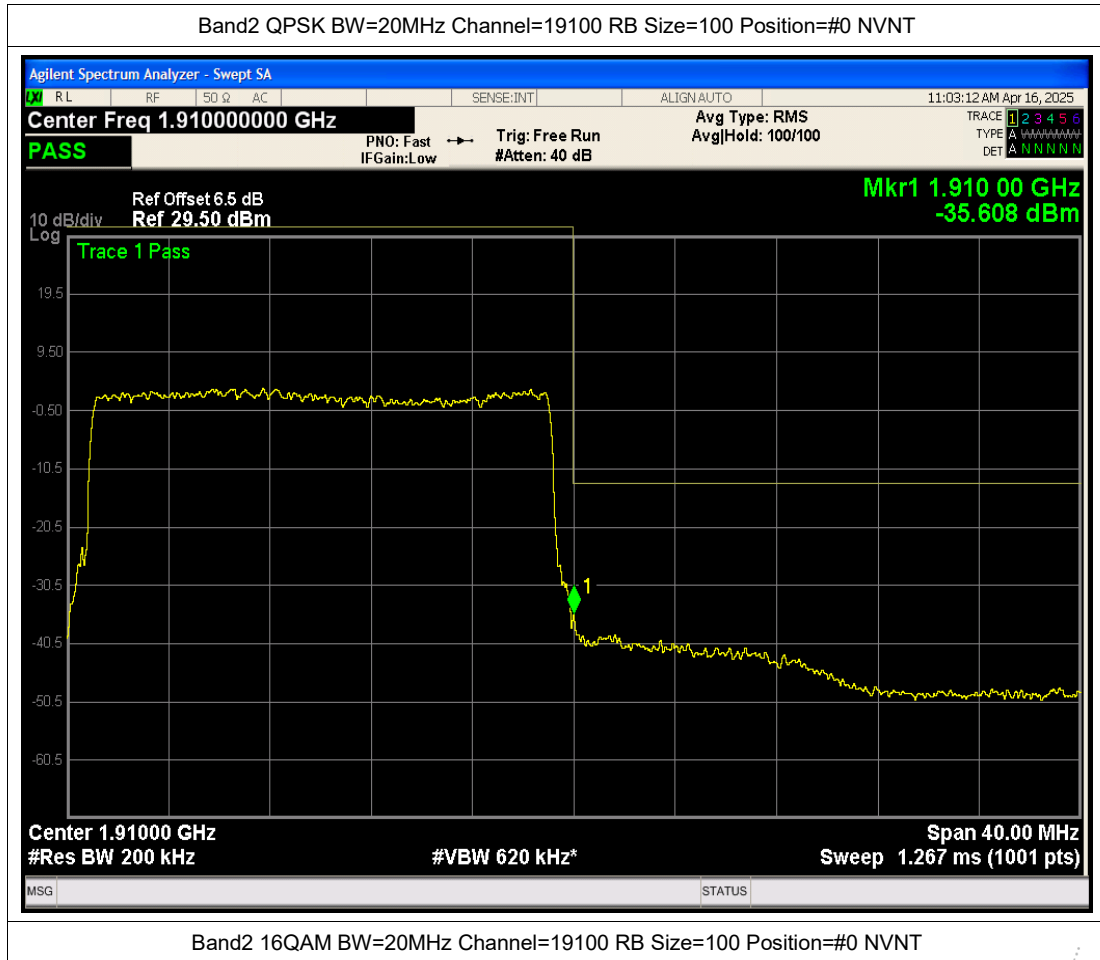






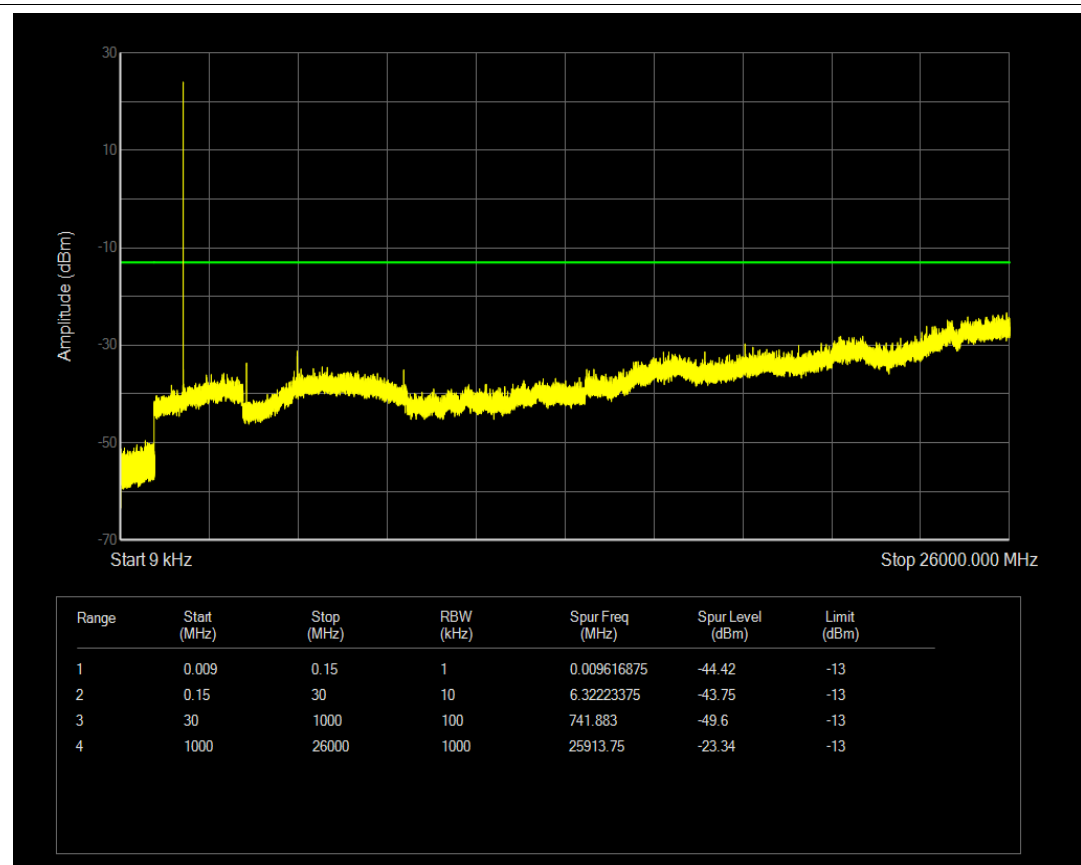
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0 NVNT



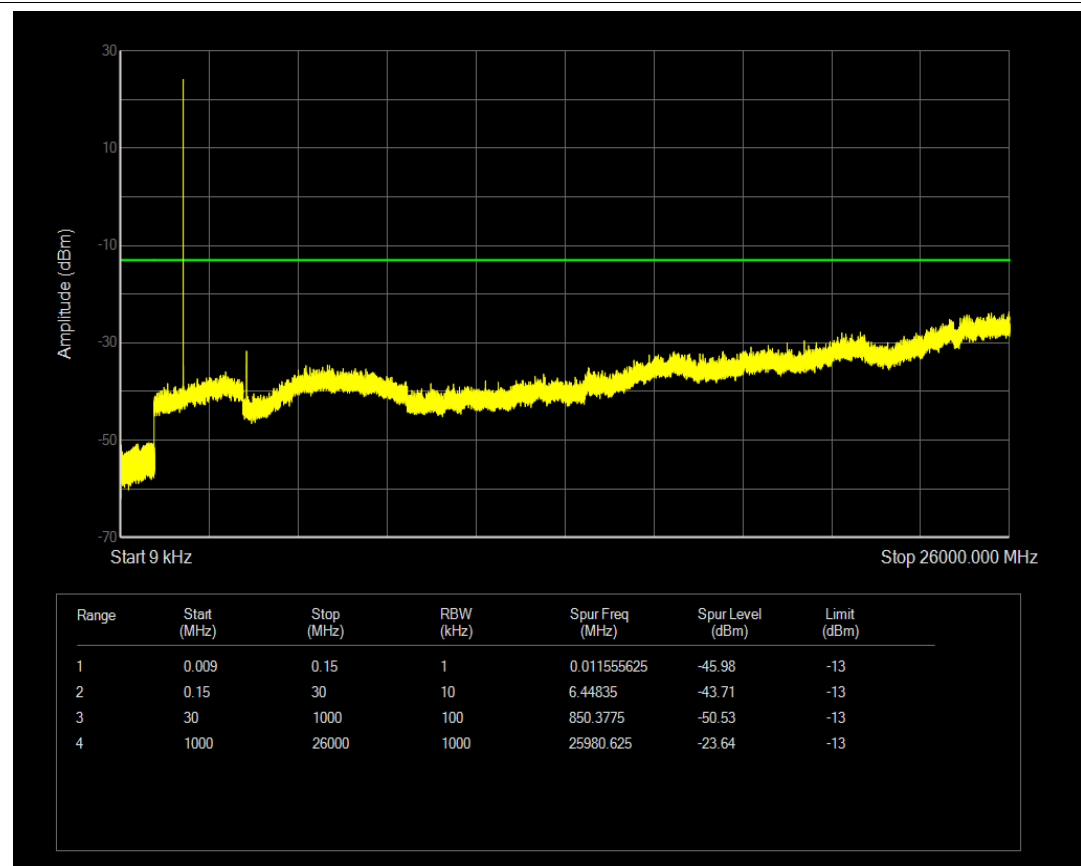


## Appendix 6.Out-of-band emissions

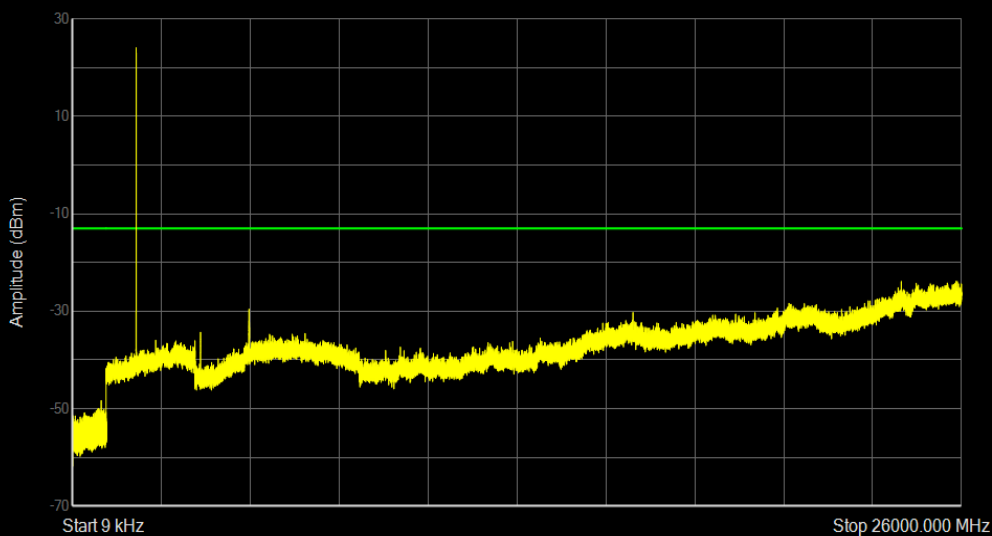
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band2	1.4	18607	6	#0	QPSK	25913.75	-23.34	-13	PASS
NVNT	Band2	1.4	18607	6	#0	16QAM	25980.63	-23.64	-13	PASS
NVNT	Band2	1.4	18900	6	#0	QPSK	25841.88	-23.87	-13	PASS
NVNT	Band2	1.4	18900	6	#0	16QAM	25972.50	-23.72	-13	PASS
NVNT	Band2	1.4	19193	6	#0	QPSK	25136.88	-23.49	-13	PASS
NVNT	Band2	1.4	19193	6	#0	16QAM	25351.88	-23.03	-13	PASS
NVNT	Band2	3	18615	15	#0	QPSK	25795.63	-23.57	-13	PASS
NVNT	Band2	3	18615	15	#0	16QAM	25080.63	-23.27	-13	PASS
NVNT	Band2	3	18900	15	#0	QPSK	25351.88	-22.93	-13	PASS
NVNT	Band2	3	18900	15	#0	16QAM	25921.25	-23.35	-13	PASS
NVNT	Band2	3	19185	15	#0	QPSK	25453.13	-23.59	-13	PASS
NVNT	Band2	3	19185	15	#0	16QAM	25918.13	-23.53	-13	PASS
NVNT	Band2	5	18625	25	#0	QPSK	25989.38	-23.52	-13	PASS
NVNT	Band2	5	18625	25	#0	16QAM	25478.13	-23.61	-13	PASS
NVNT	Band2	5	18900	25	#0	QPSK	24719.38	-23.11	-13	PASS
NVNT	Band2	5	18900	25	#0	16QAM	25658.13	-23.45	-13	PASS
NVNT	Band2	5	19175	25	#0	QPSK	25081.88	-22.20	-13	PASS
NVNT	Band2	5	19175	25	#0	16QAM	25128.75	-23.75	-13	PASS
NVNT	Band2	10	18650	50	#0	QPSK	25598.13	-23.89	-13	PASS
NVNT	Band2	10	18650	50	#0	16QAM	25066.25	-23.80	-13	PASS
NVNT	Band2	10	18900	50	#0	QPSK	24748.13	-23.63	-13	PASS
NVNT	Band2	10	18900	50	#0	16QAM	25116.88	-24.12	-13	PASS
NVNT	Band2	10	19150	50	#0	QPSK	25969.38	-22.36	-13	PASS
NVNT	Band2	10	19150	50	#0	16QAM	24277.50	-23.76	-13	PASS
NVNT	Band2	15	18675	75	#0	QPSK	25927.50	-23.43	-13	PASS
NVNT	Band2	15	18675	75	#0	16QAM	25777.50	-23.35	-13	PASS
NVNT	Band2	15	18900	75	#0	QPSK	25943.13	-23.37	-13	PASS
NVNT	Band2	15	18900	75	#0	16QAM	25584.38	-23.43	-13	PASS
NVNT	Band2	15	19125	75	#0	QPSK	25781.88	-23.05	-13	PASS
NVNT	Band2	15	19125	75	#0	16QAM	25592.50	-22.77	-13	PASS
NVNT	Band2	20	18700	100	#0	QPSK	25865.63	-22.99	-13	PASS
NVNT	Band2	20	18700	100	#0	16QAM	25955.00	-22.56	-13	PASS
NVNT	Band2	20	18900	100	#0	QPSK	25389.38	-23.15	-13	PASS
NVNT	Band2	20	18900	100	#0	16QAM	25208.13	-23.74	-13	PASS
NVNT	Band2	20	19100	100	#0	QPSK	25695.63	-22.92	-13	PASS
NVNT	Band2	20	19100	100	#0	16QAM	25105.63	-23.05	-13	PASS



Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0 NVNT

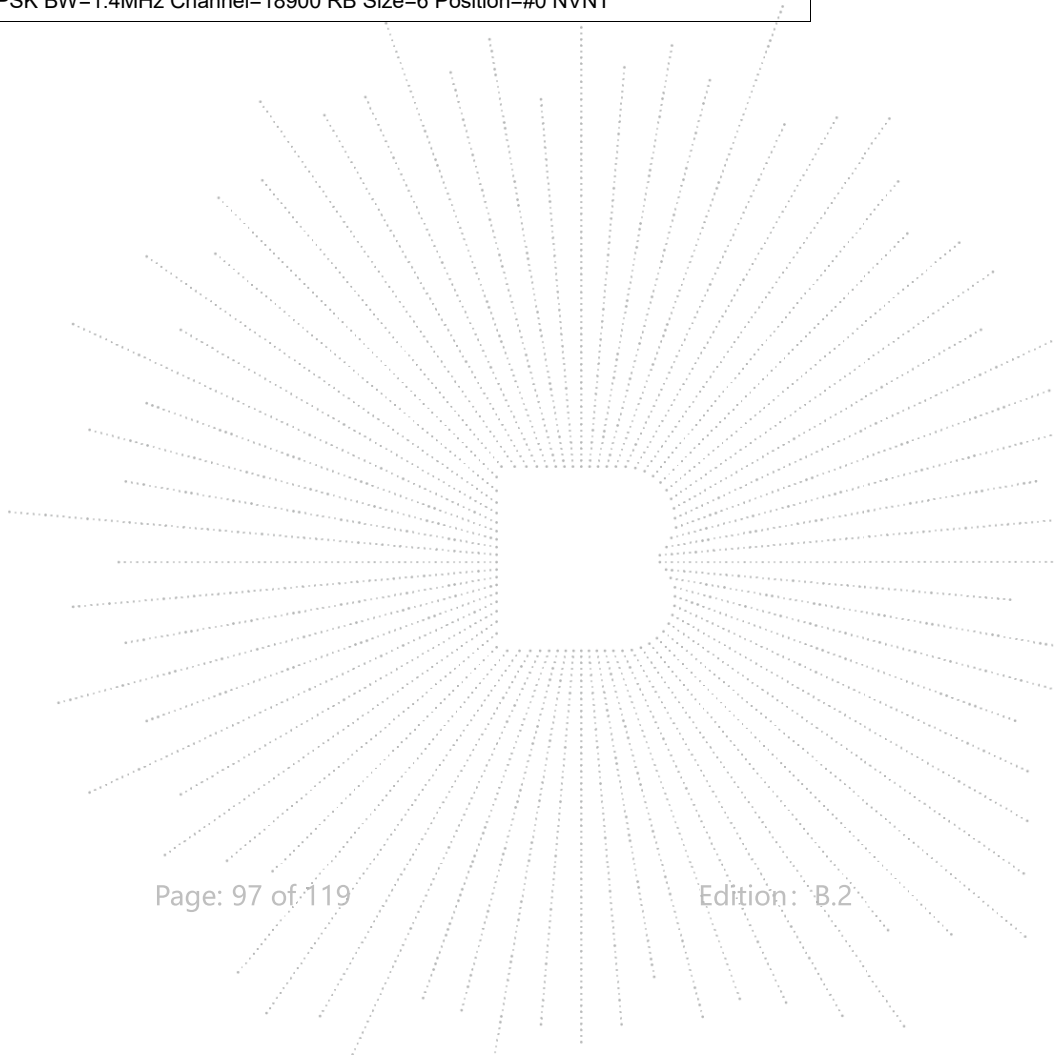


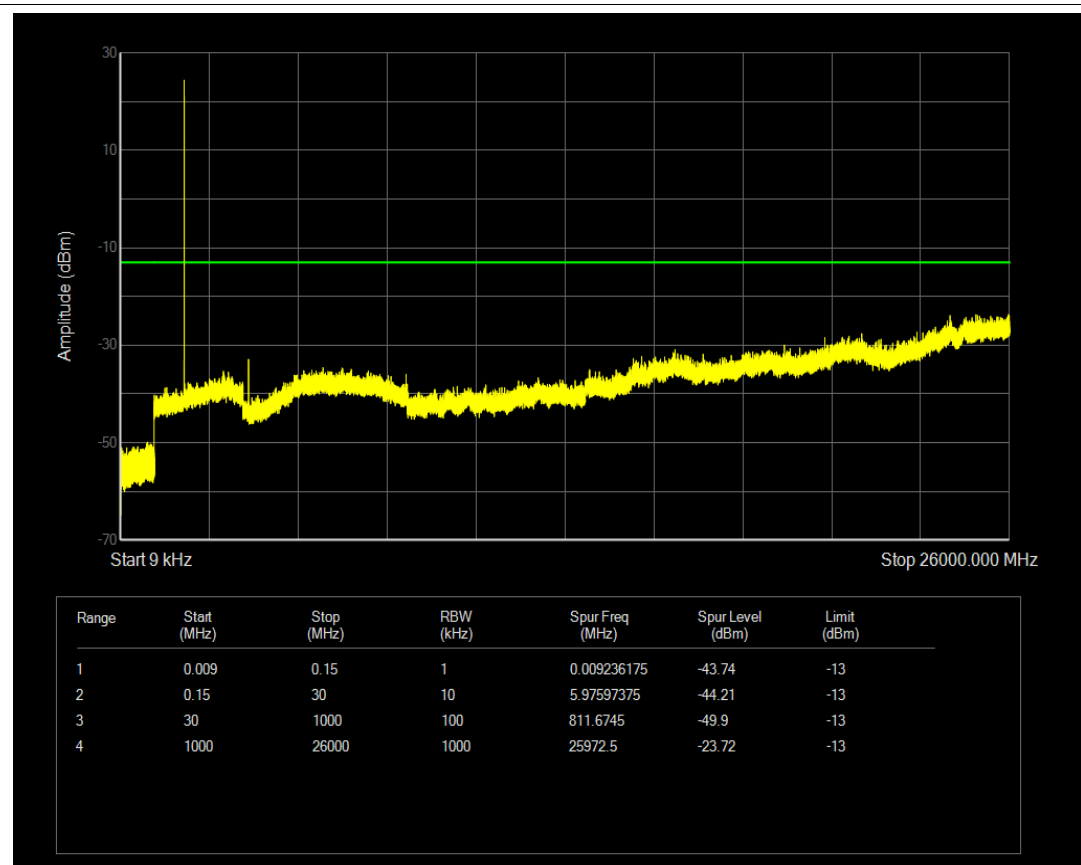
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0 NVNT



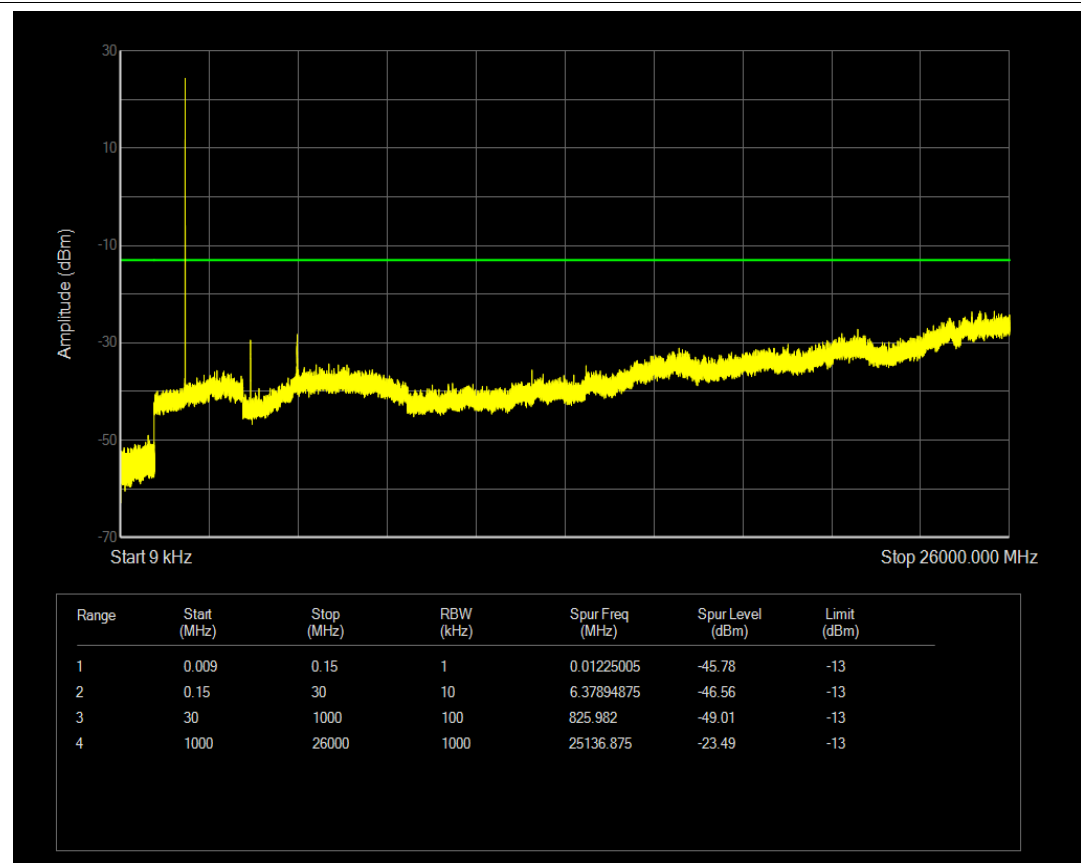
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.23	-13
2	0.15	30	10	6.05358375	-43.28	-13
3	30	1000	100	859.35	-48.38	-13
4	1000	26000	1000	25841.875	-23.87	-13

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0 NVNT

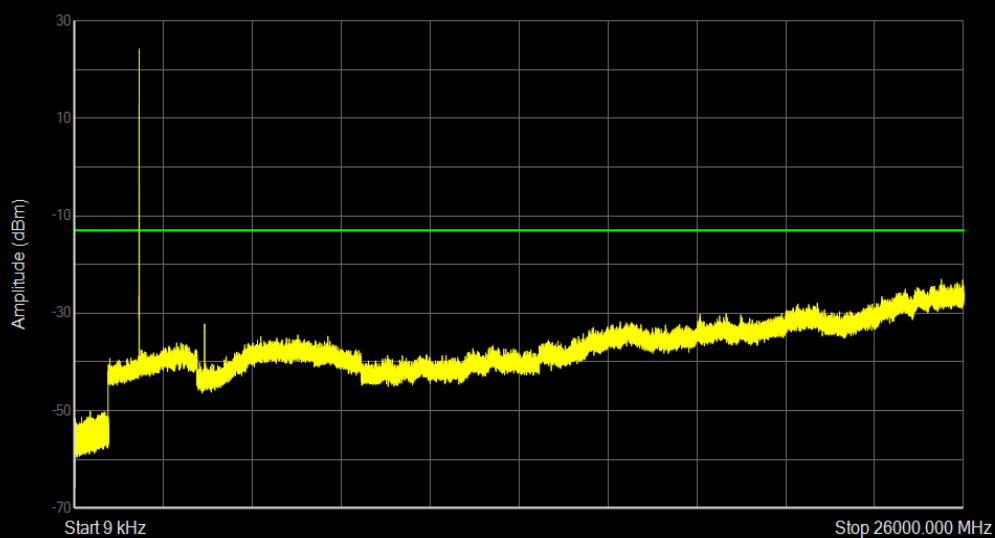




Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0 NVNT

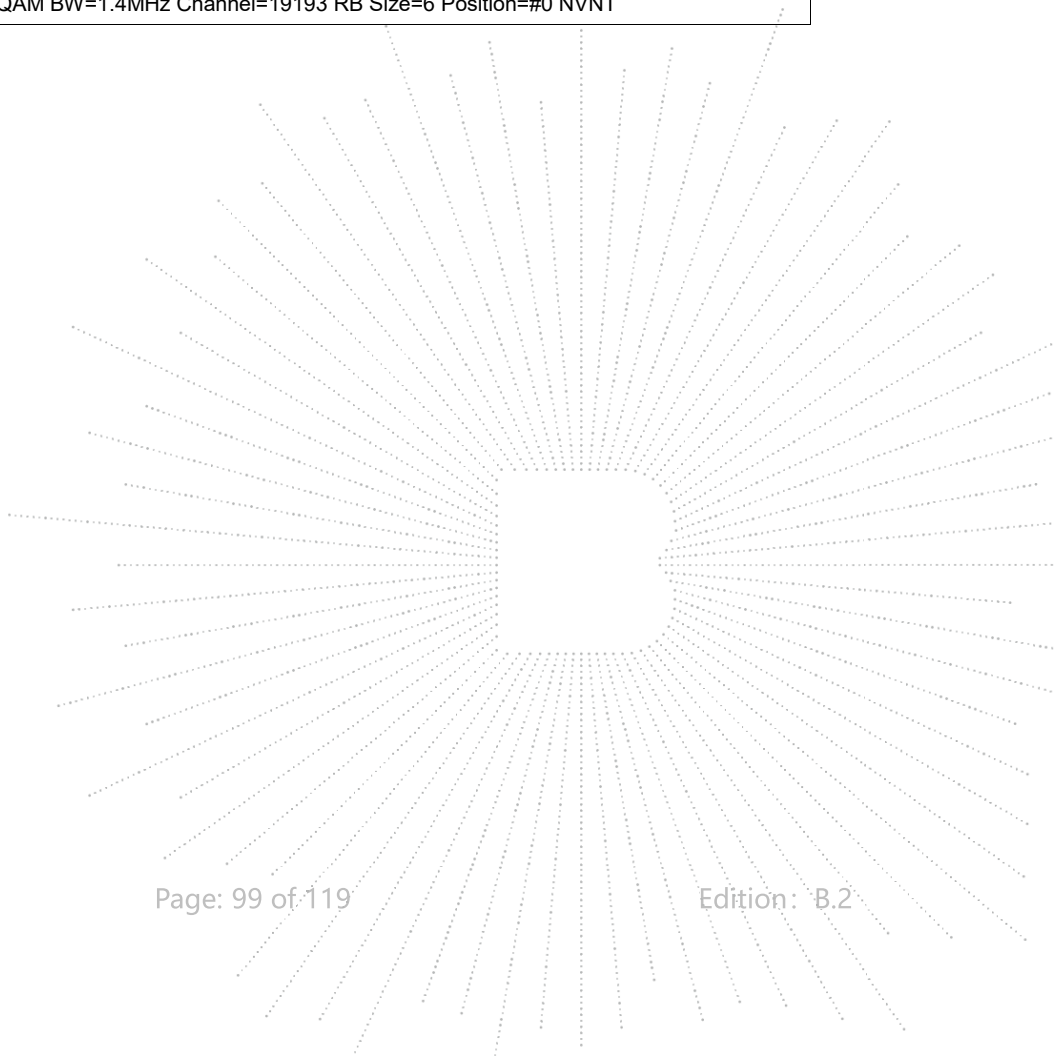


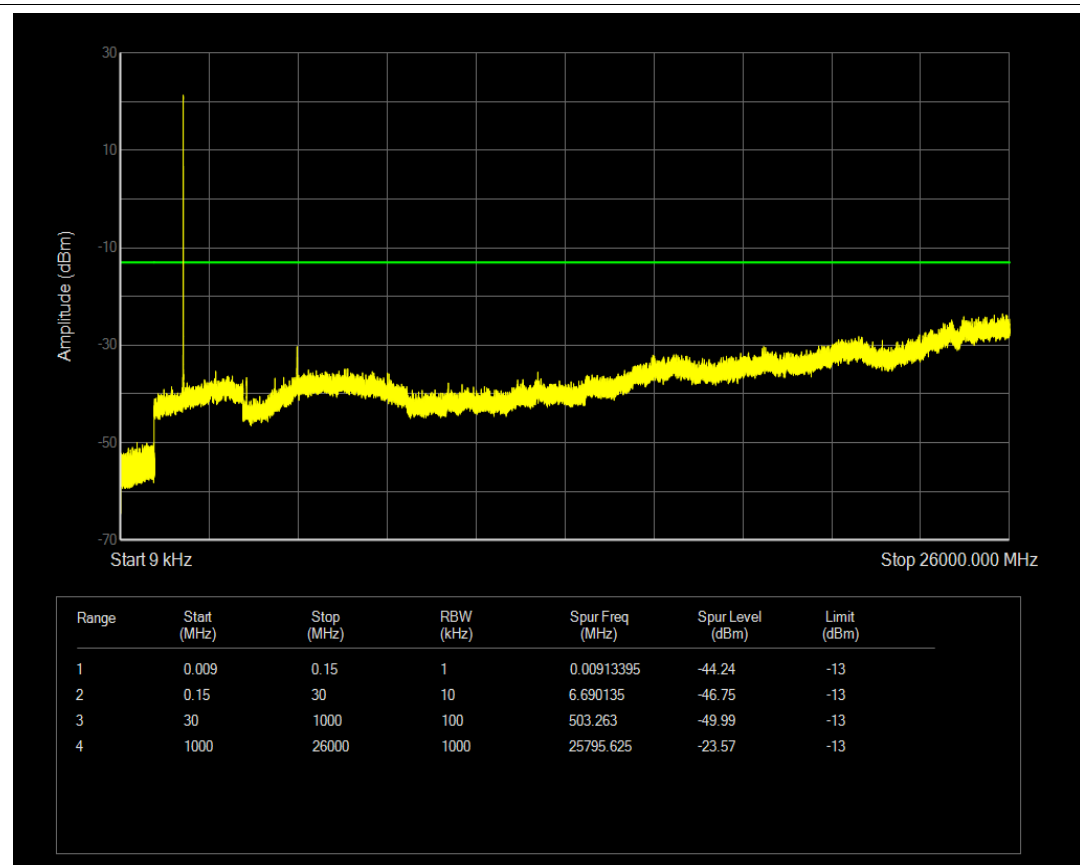
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0 NVNT



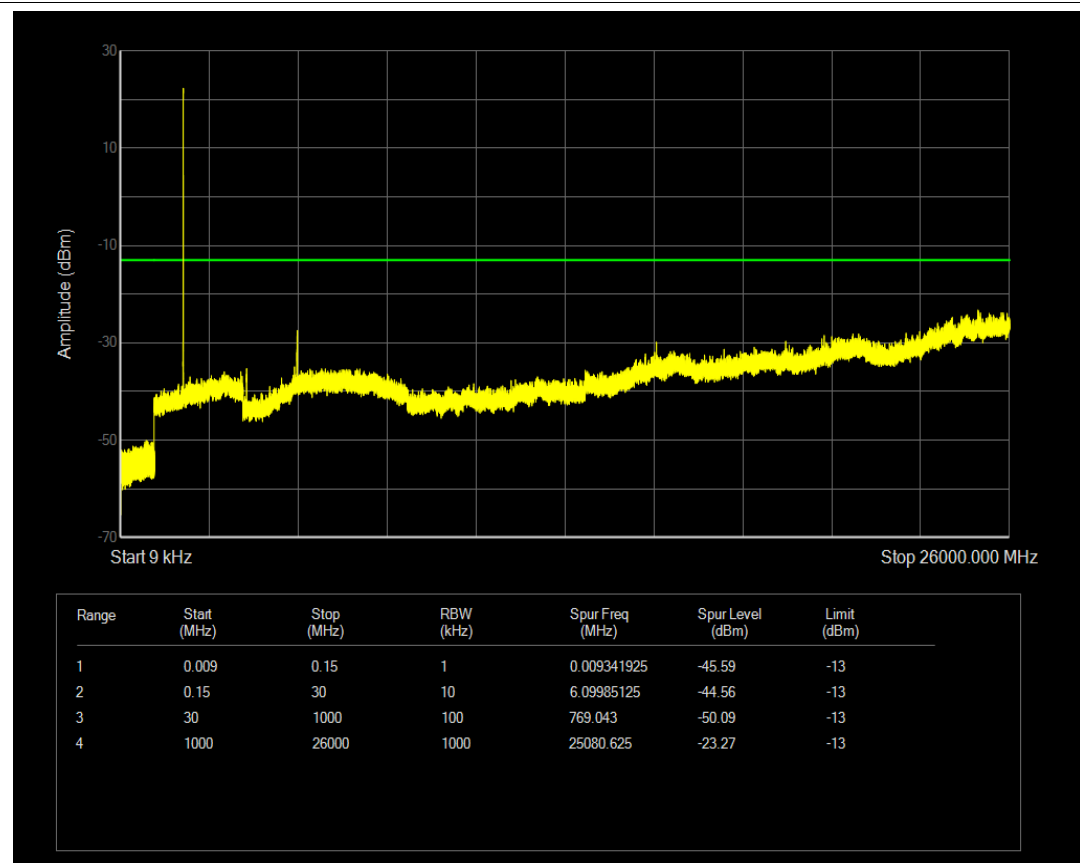
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010265475	-45.14	-13
2	0.15	30	10	6.09835875	-46.29	-13
3	30	1000	100	481.244	-50.14	-13
4	1000	26000	1000	25351.875	-23.03	-13

Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0 NVNT



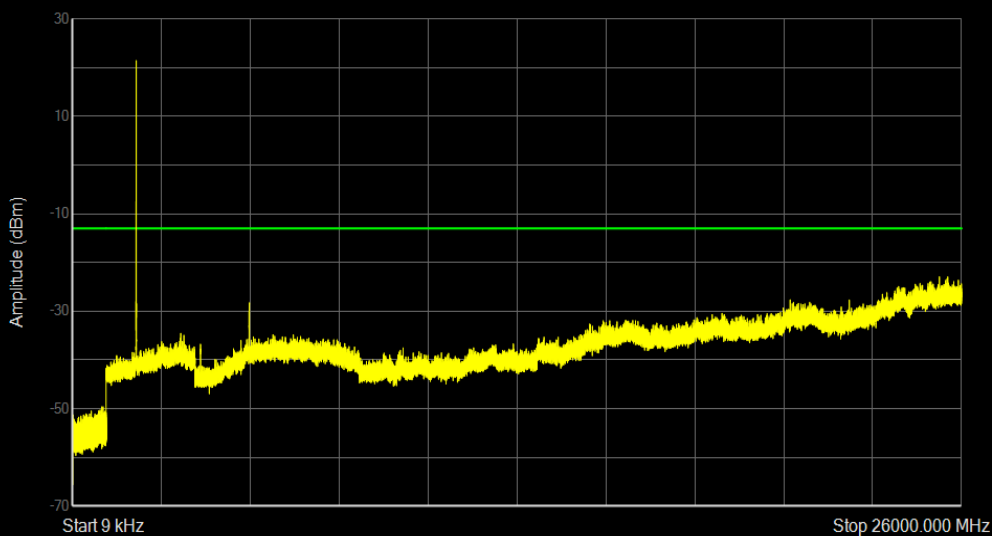


Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0 NVNT



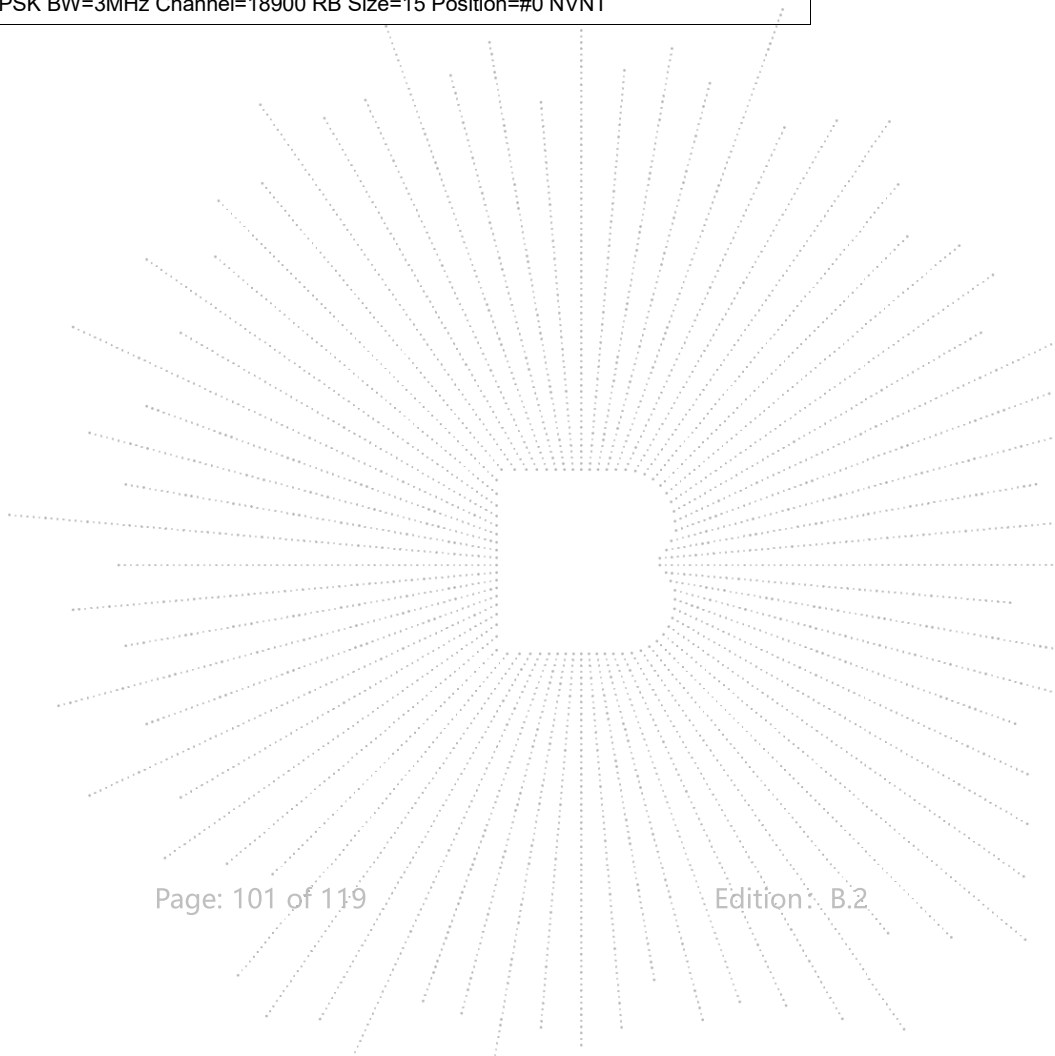


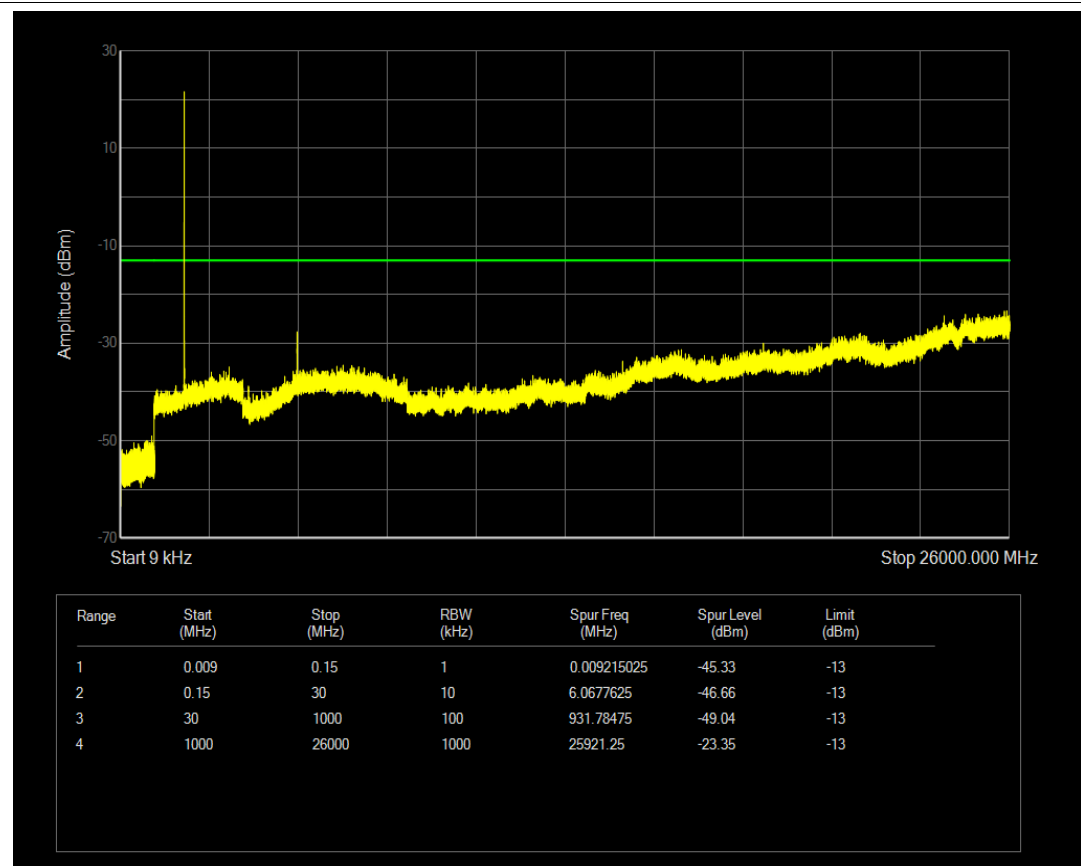
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0 NVNT



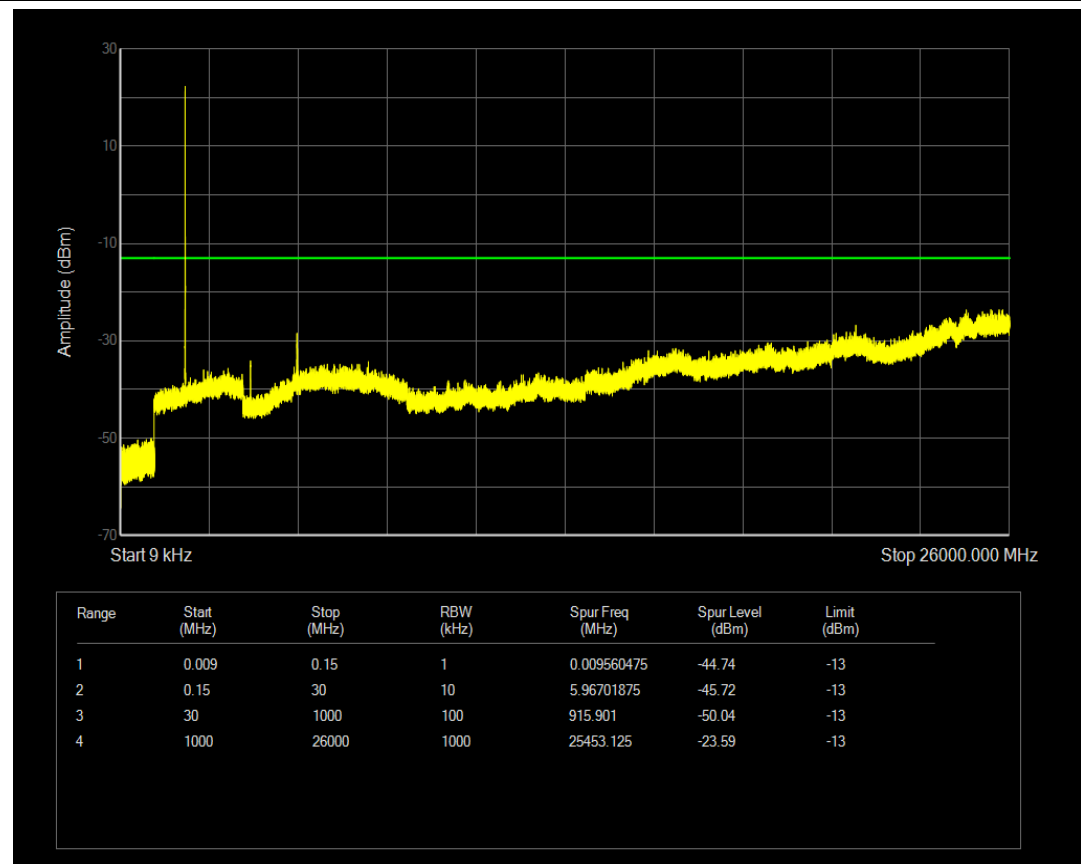
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00950055	-45.4	-13
2	0.15	30	10	6.04462875	-45.41	-13
3	30	1000	100	913.54875	-49.63	-13
4	1000	26000	1000	25351.875	-22.93	-13

Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0 NVNT

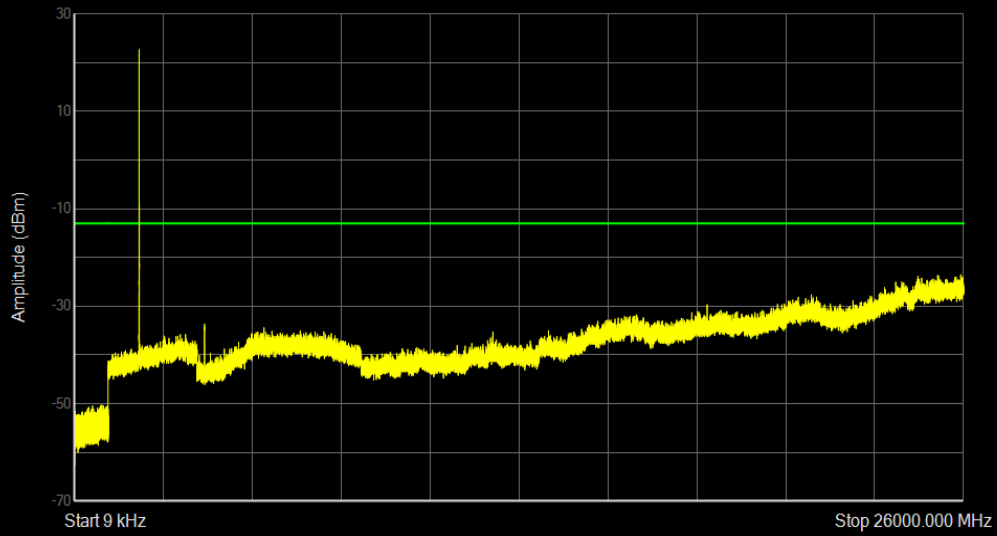




Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0 NVNT

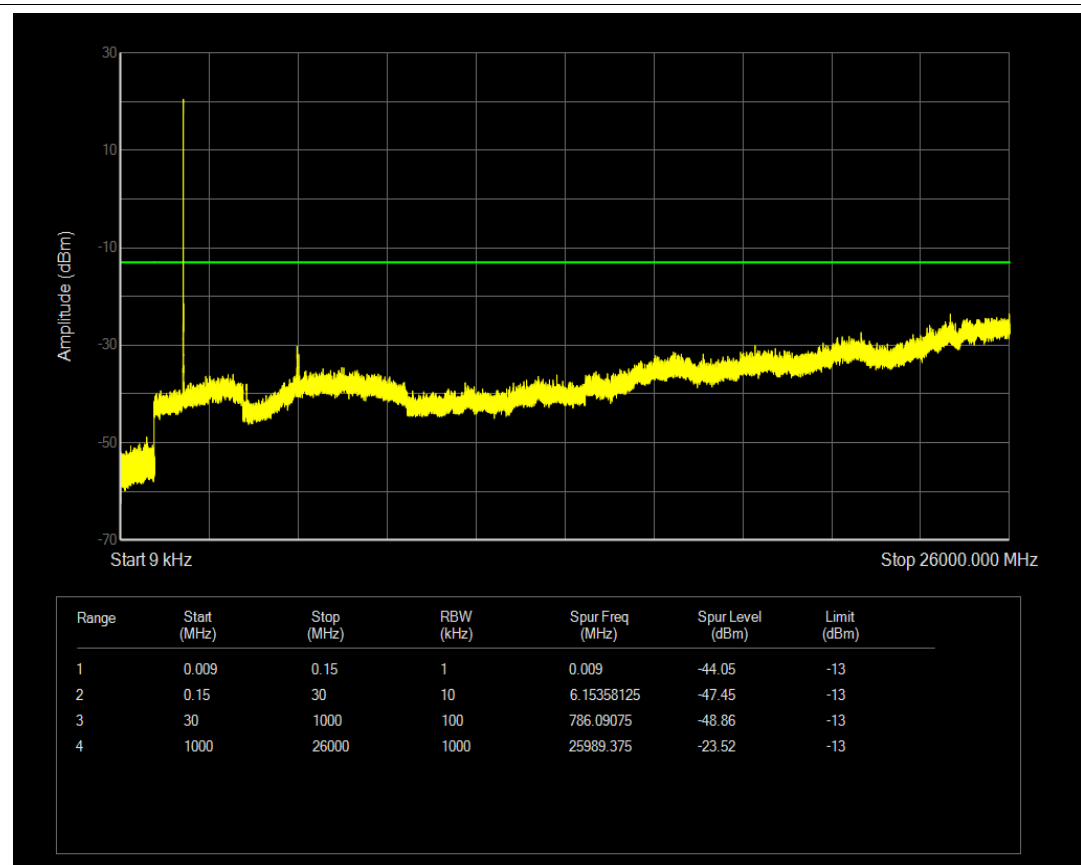


Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0 NVNT

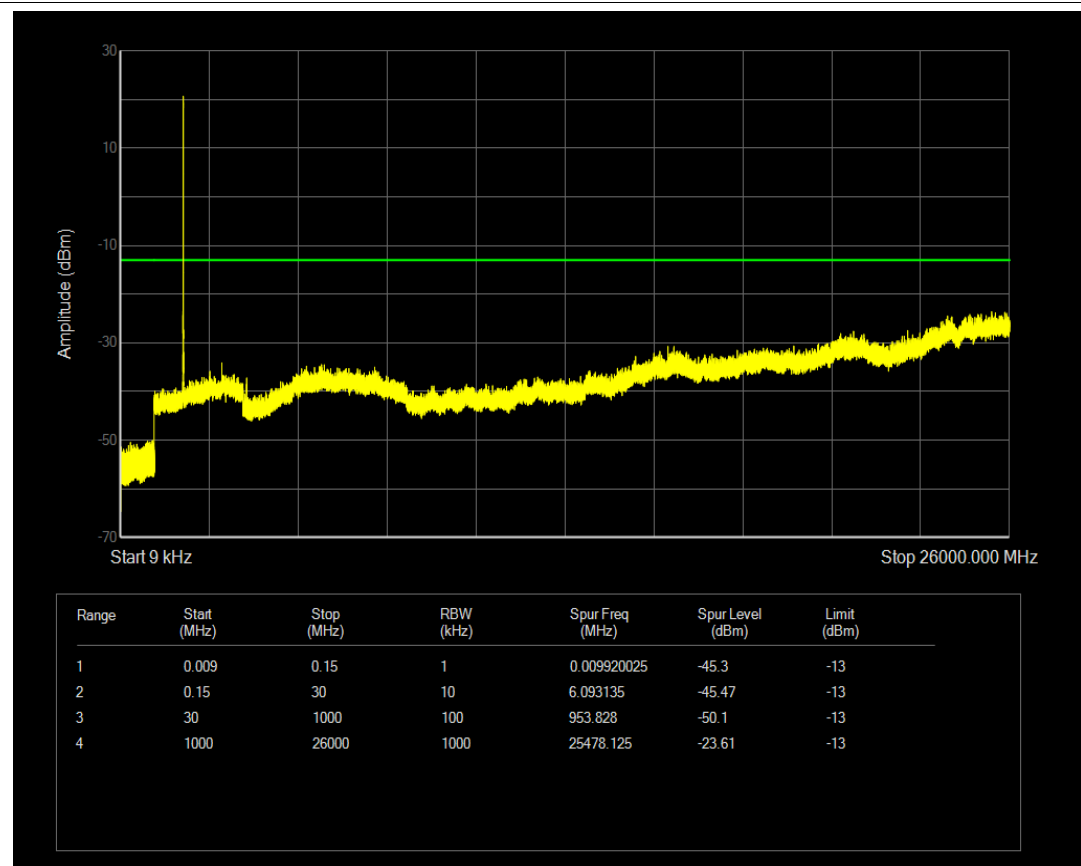


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009941175	-44.12	-13
2	0.15	30	10	6.09015	-45.19	-13
3	30	1000	100	818.58575	-50.28	-13
4	1000	26000	1000	25918.125	-23.53	-13

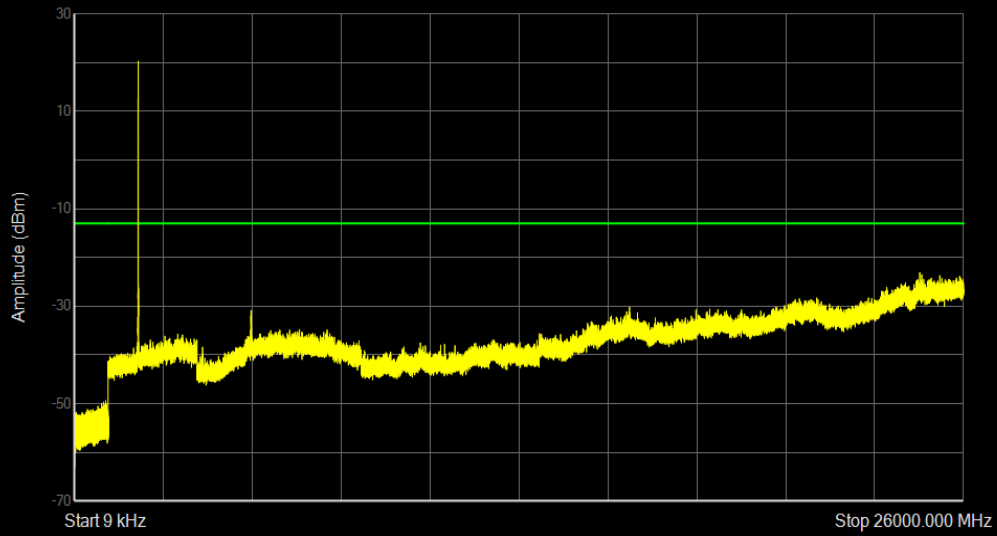
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0 NVNT



Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0 NVNT

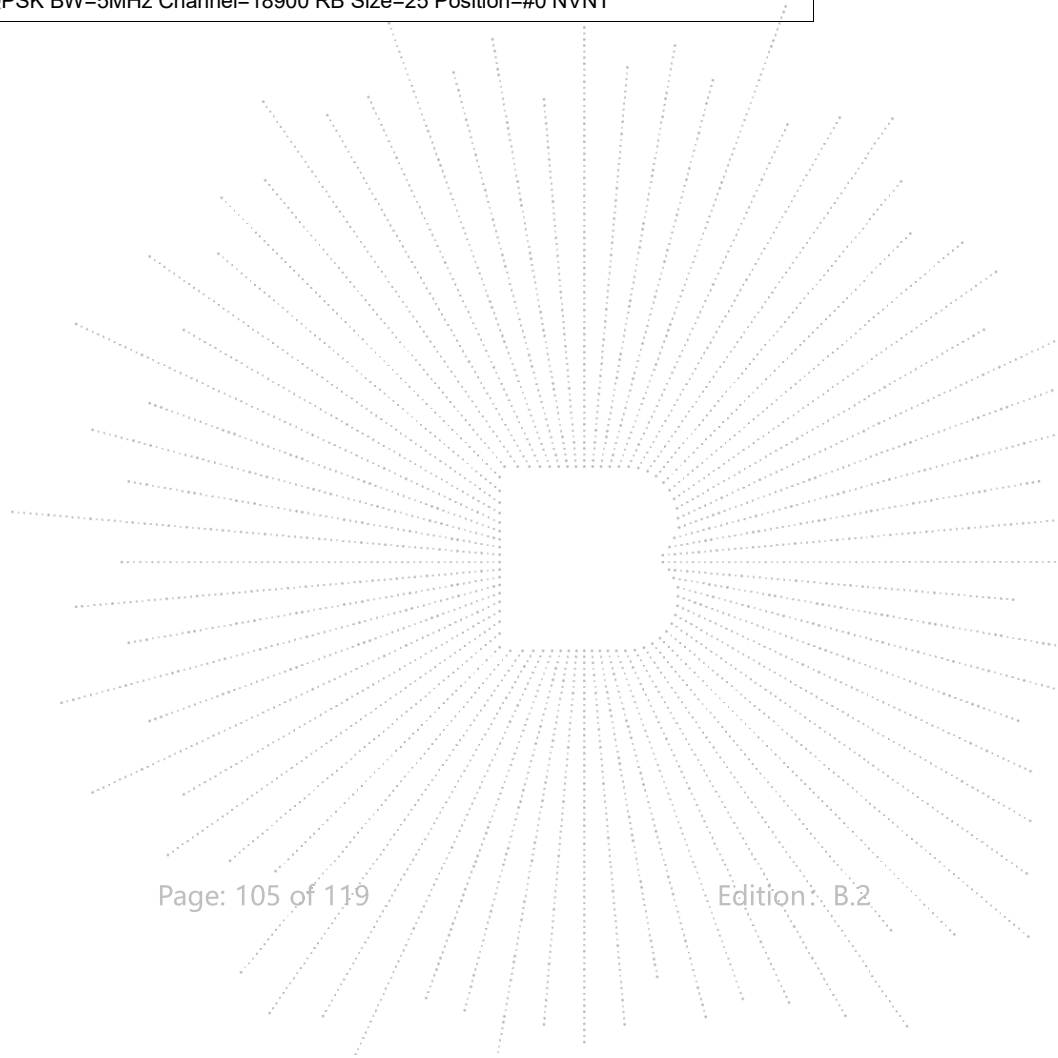


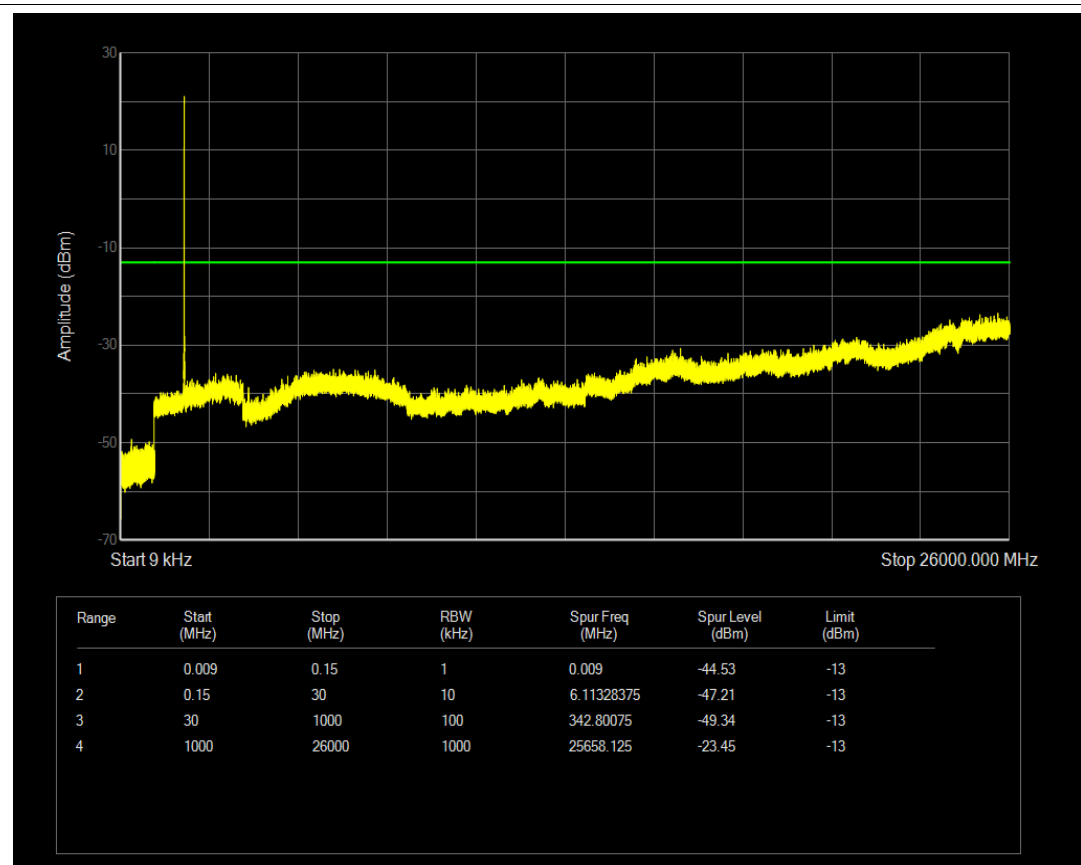
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0 NVNT



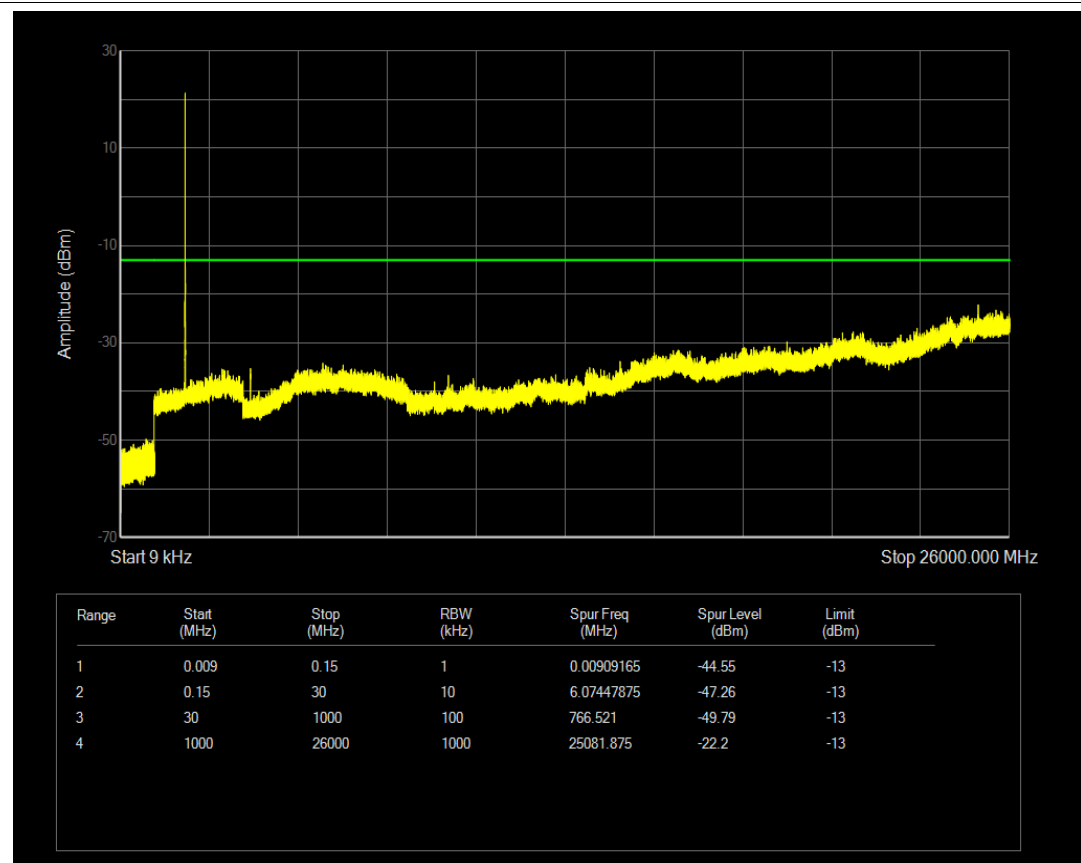
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009574575	-45.46	-13
2	0.15	30	10	6.10806	-46.36	-13
3	30	1000	100	931.78475	-49.39	-13
4	1000	26000	1000	24719.375	-23.11	-13

Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0 NVNT

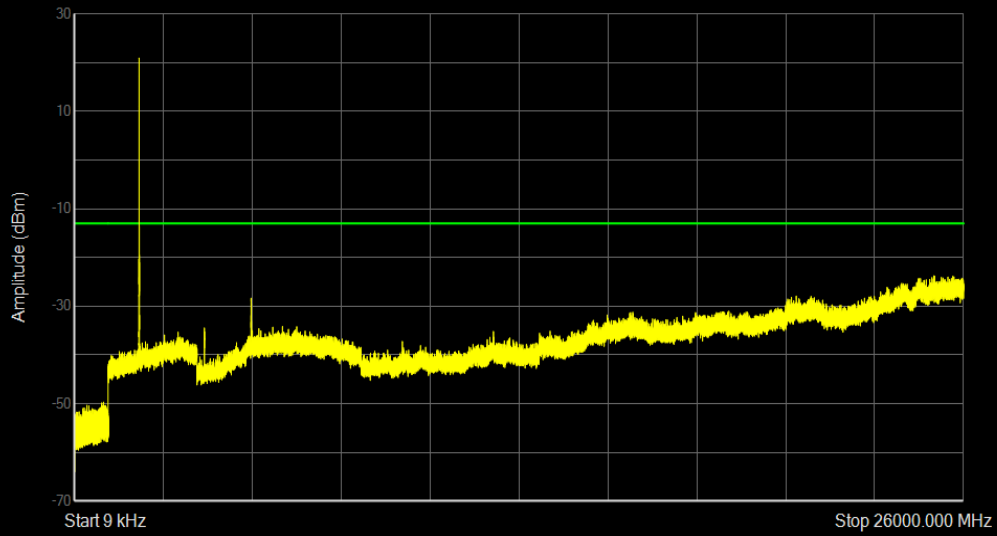




Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0 NVNT

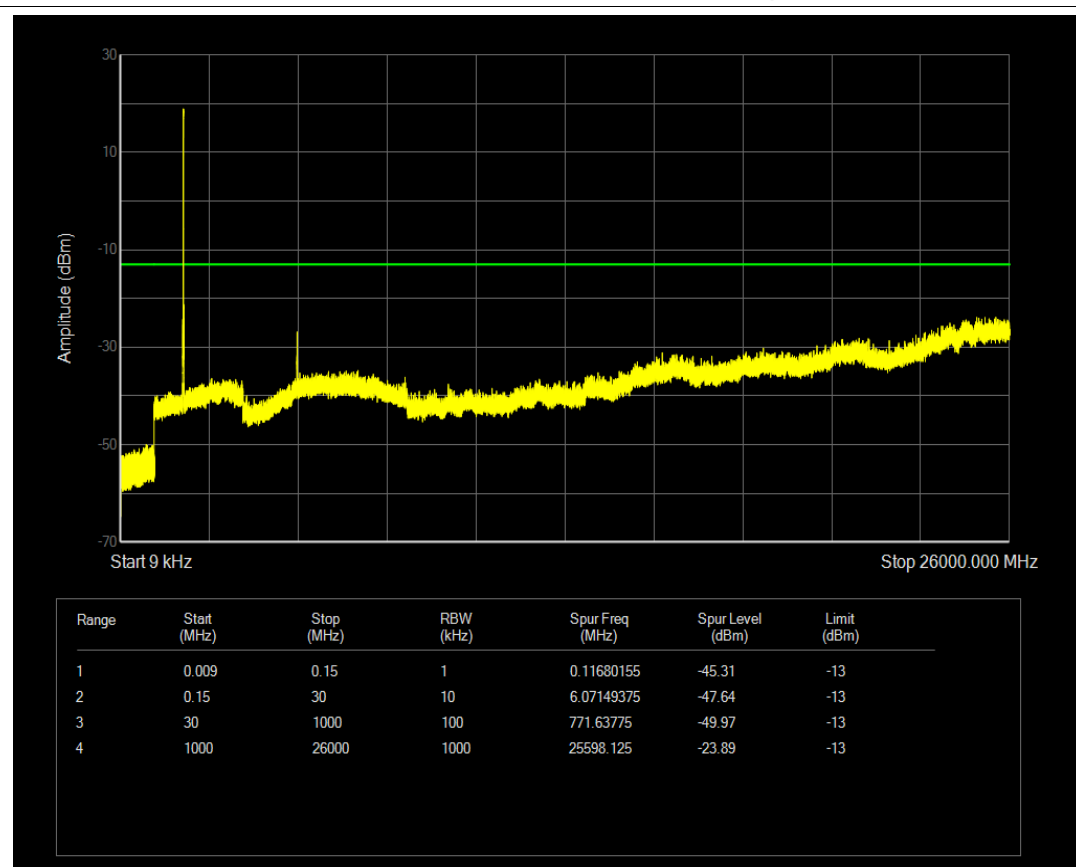


Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0 NVNT

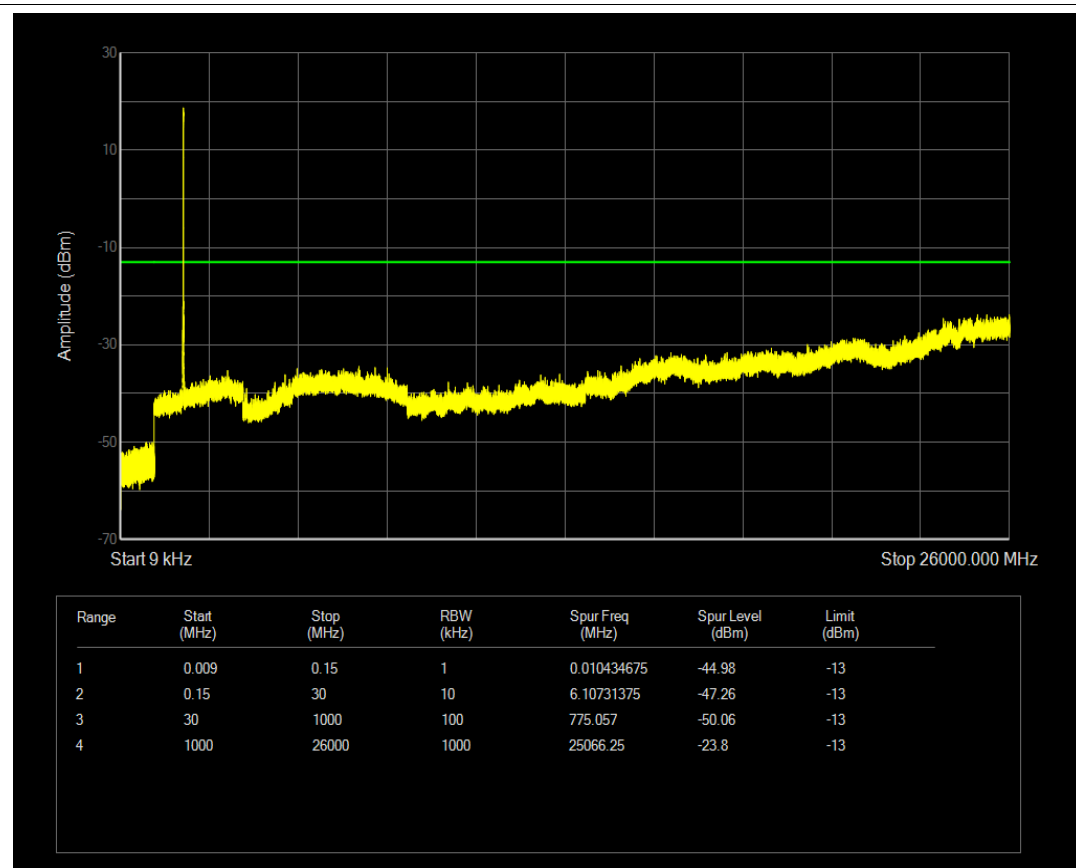


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00944415	-44.39	-13
2	0.15	30	10	6.09238875	-46.83	-13
3	30	1000	100	868.468	-49.68	-13
4	1000	26000	1000	25128.75	-23.75	-13

Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0 NVNT

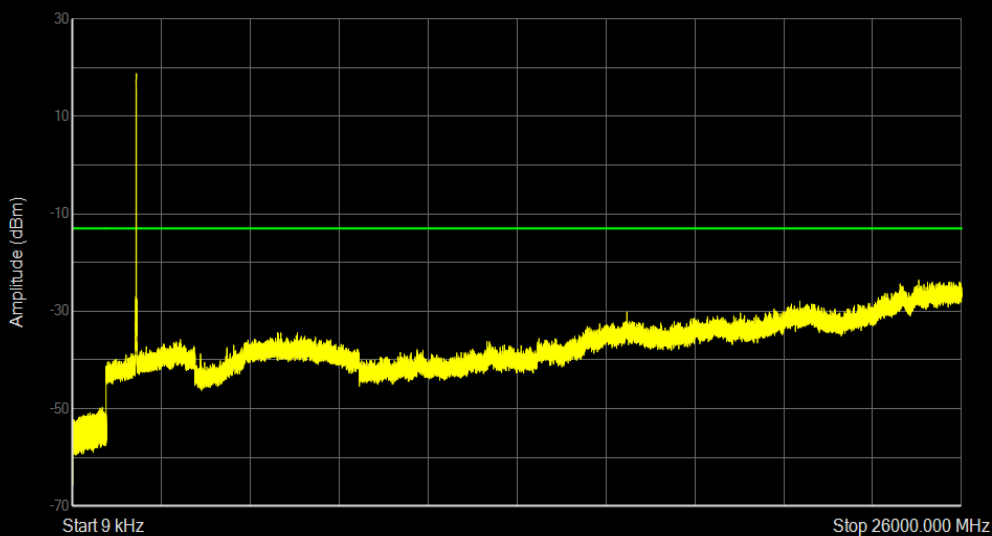


Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0 NVNT



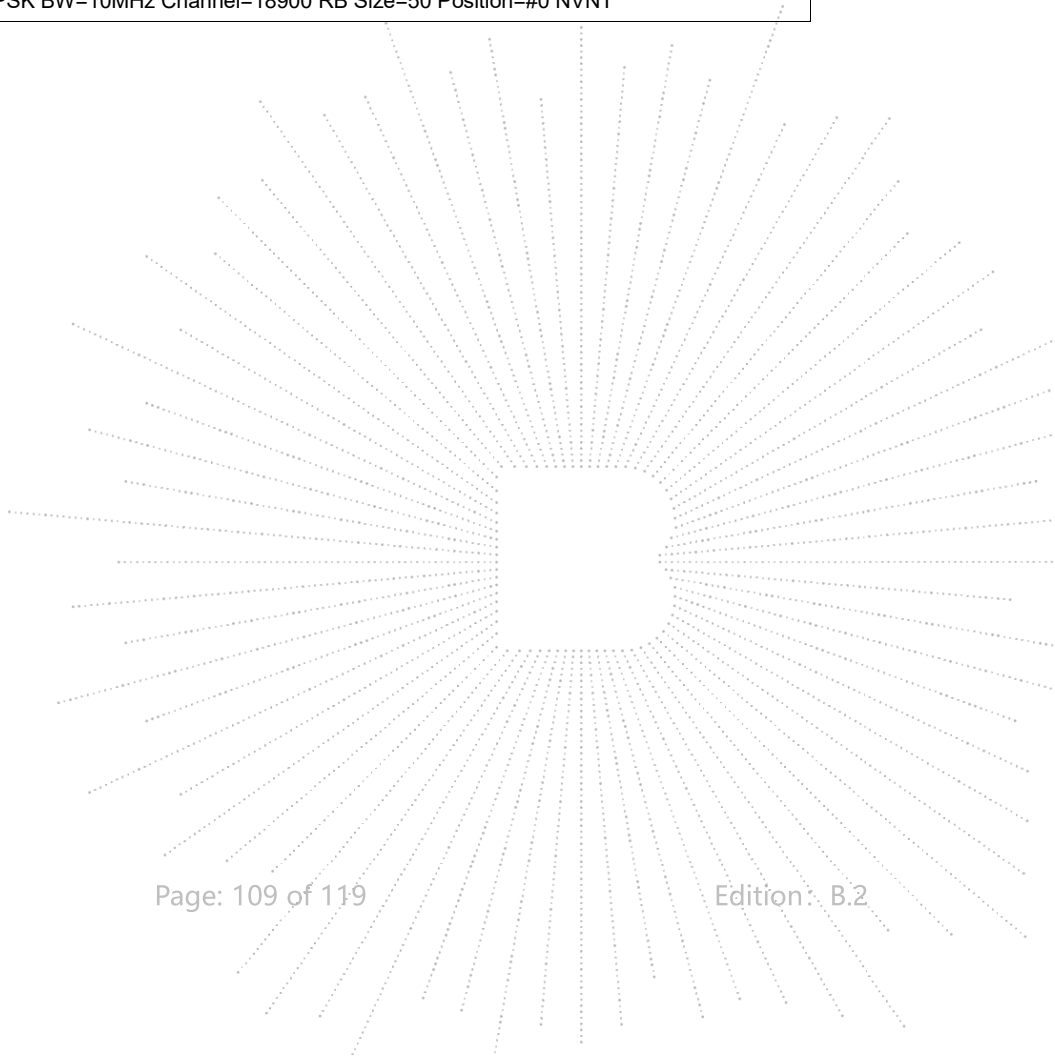


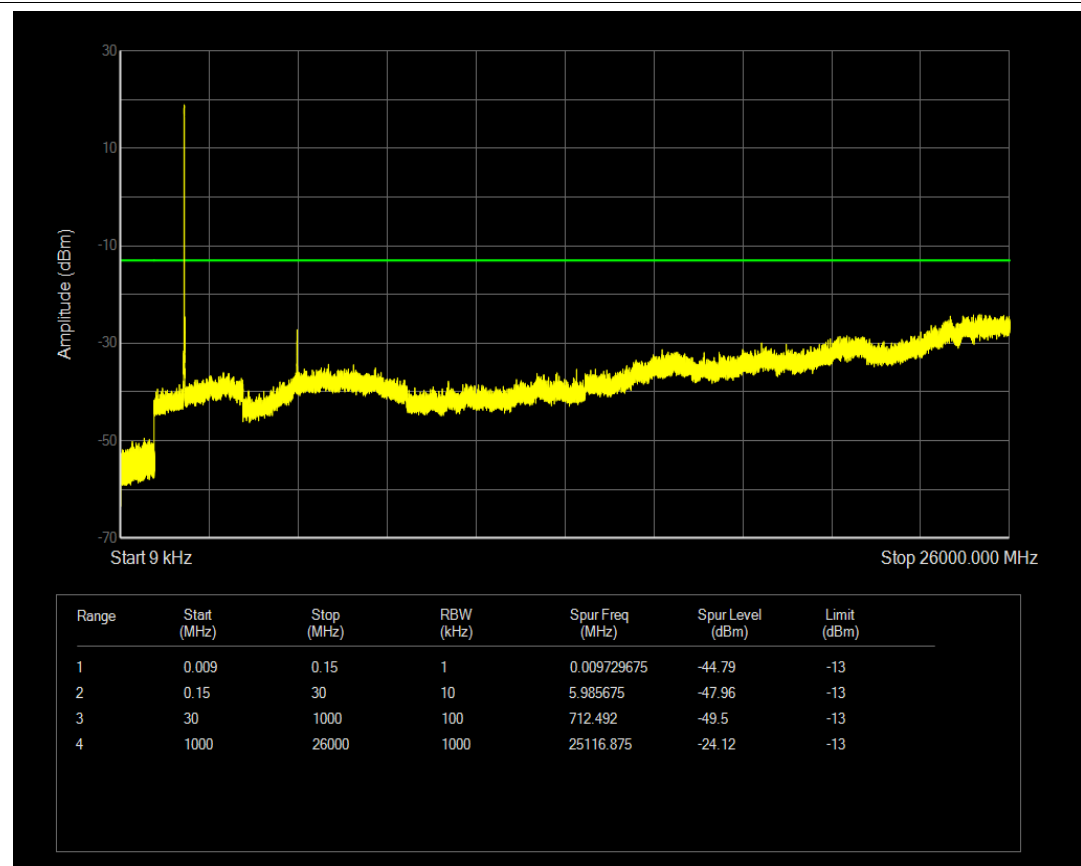
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0 NVNT



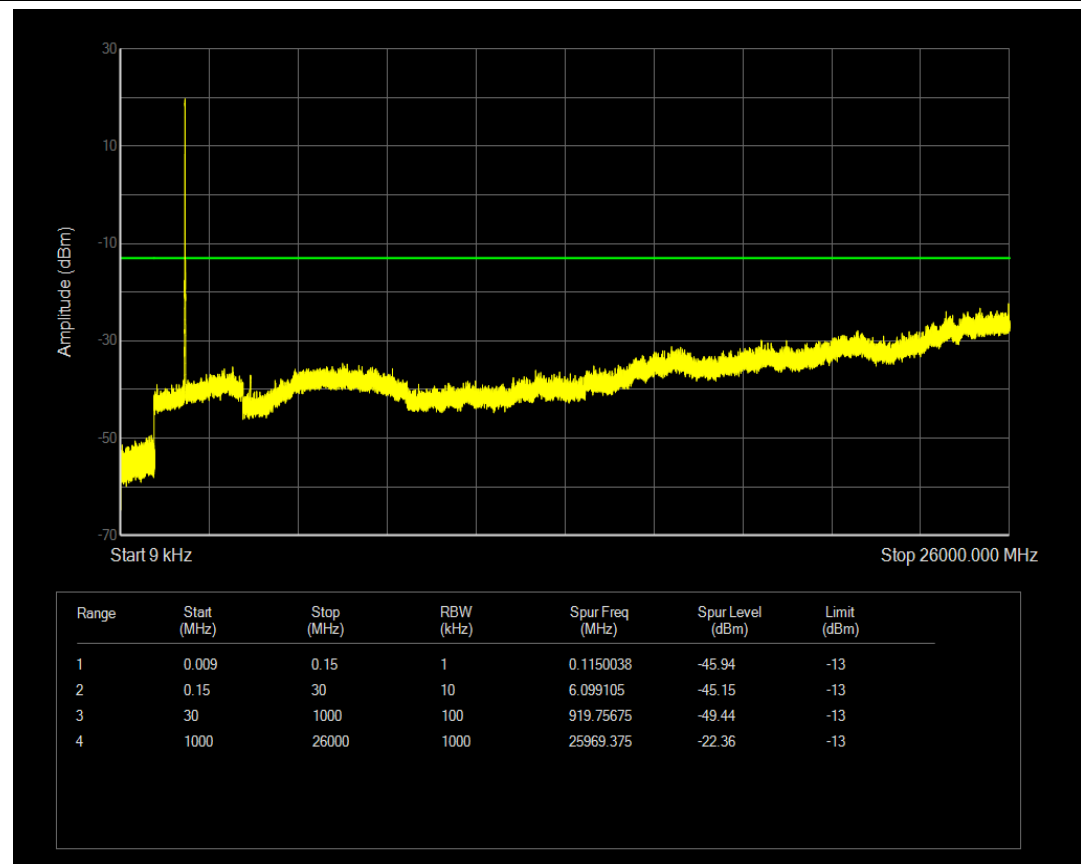
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009207975	-44.58	-13
2	0.15	30	10	6.37894875	-47.09	-13
3	30	1000	100	894.43975	-49.76	-13
4	1000	26000	1000	24748.125	-23.63	-13

Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0 NVNT

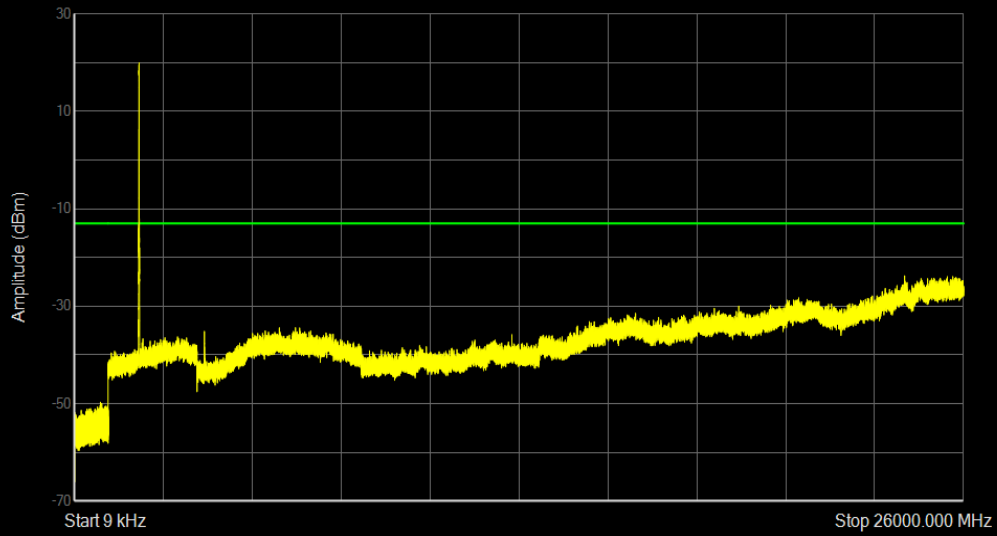




Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0 NVNT

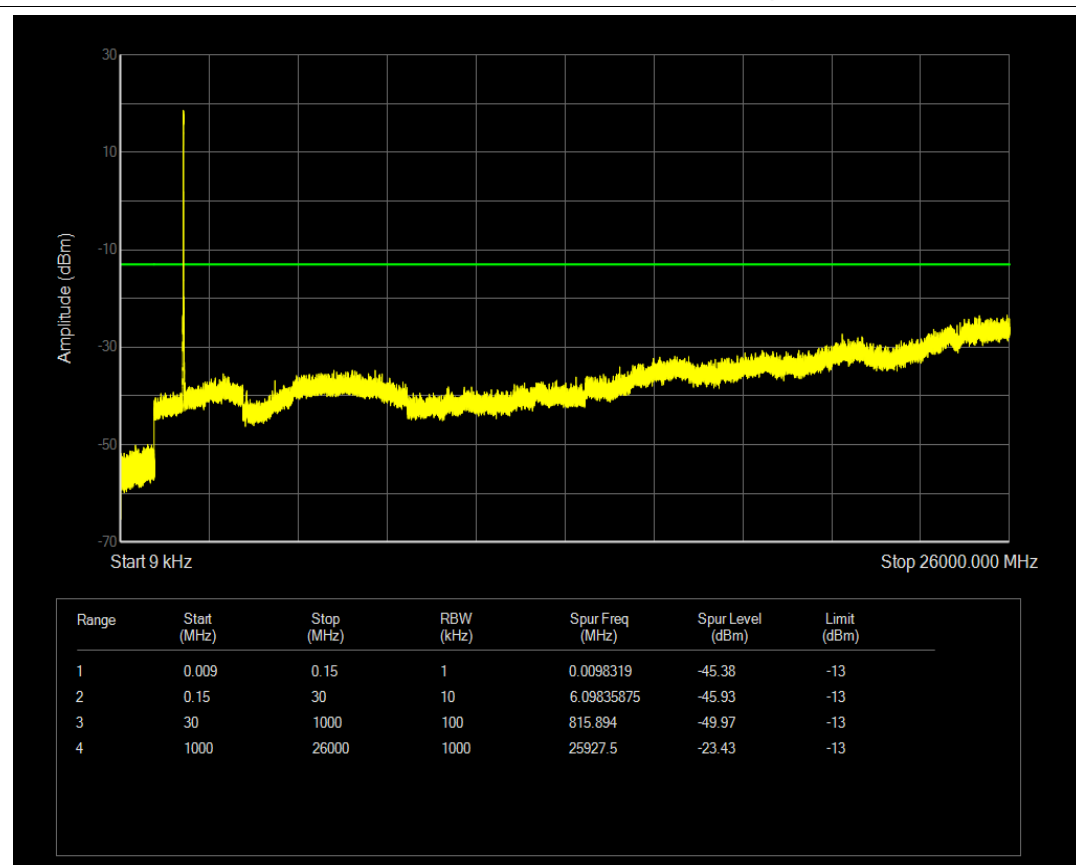


Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0 NVNT

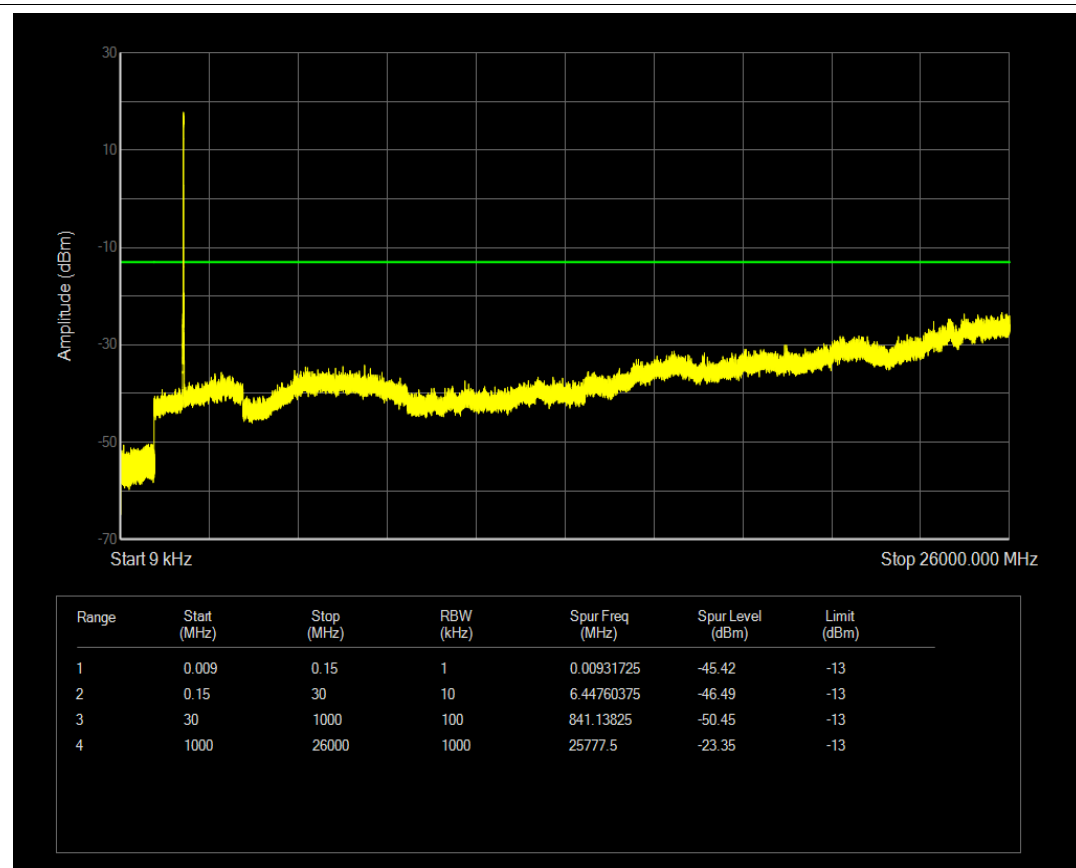


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097614	-44.62	-13
2	0.15	30	10	6.10209	-46.1	-13
3	30	1000	100	777.11825	-49.71	-13
4	1000	26000	1000	24277.5	-23.76	-13

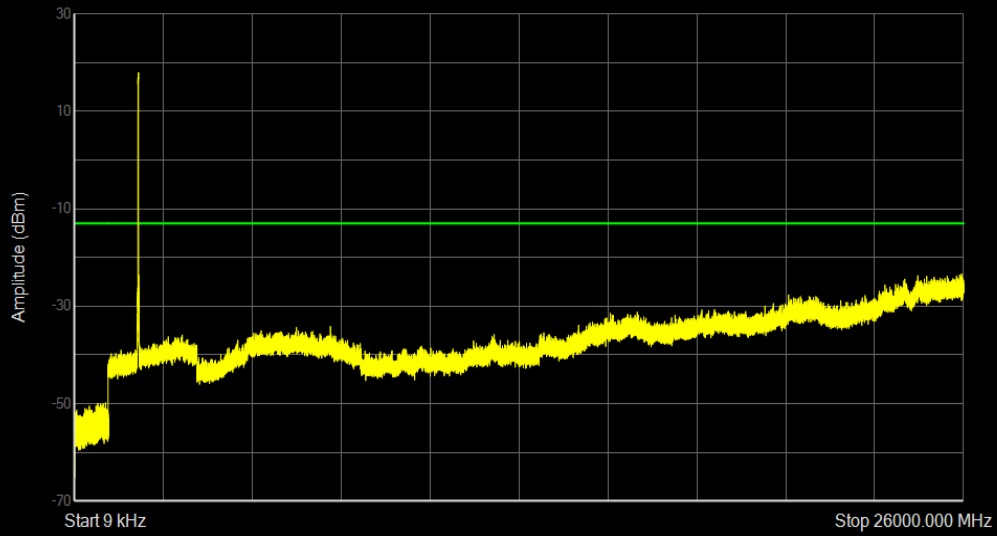
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0 NVNT



Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0 NVNT

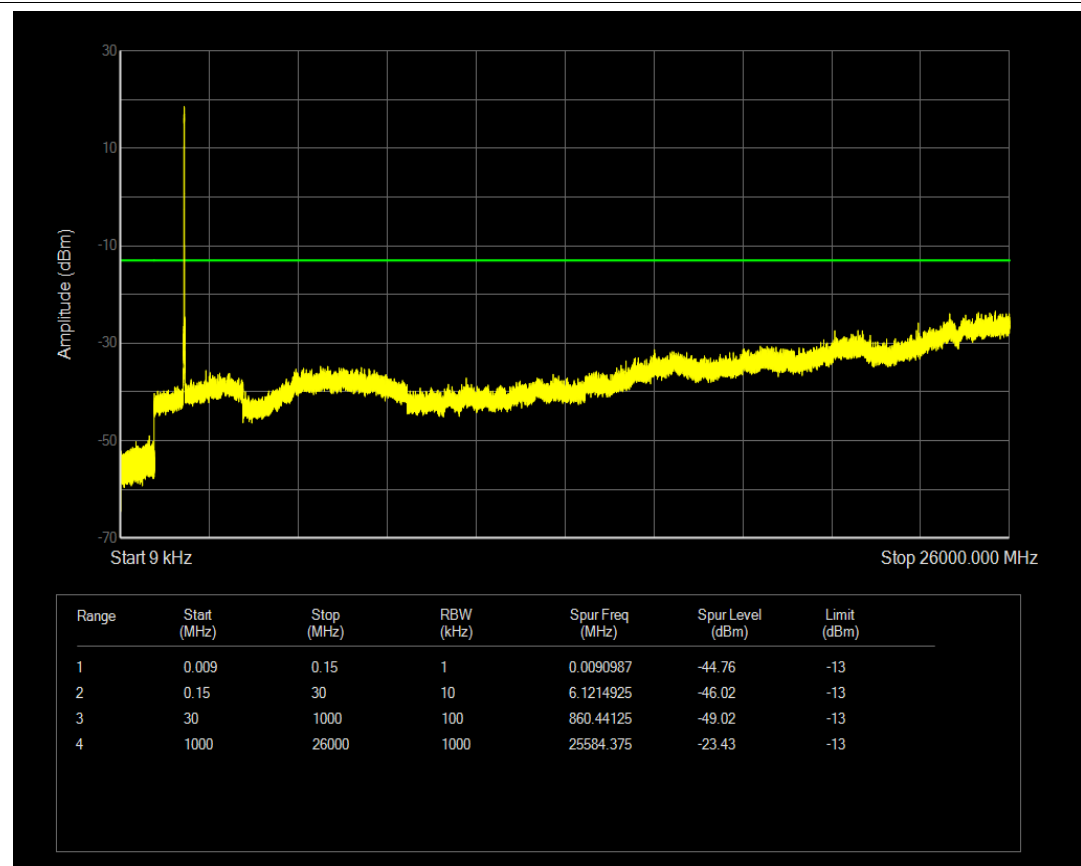


Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0 NVNT

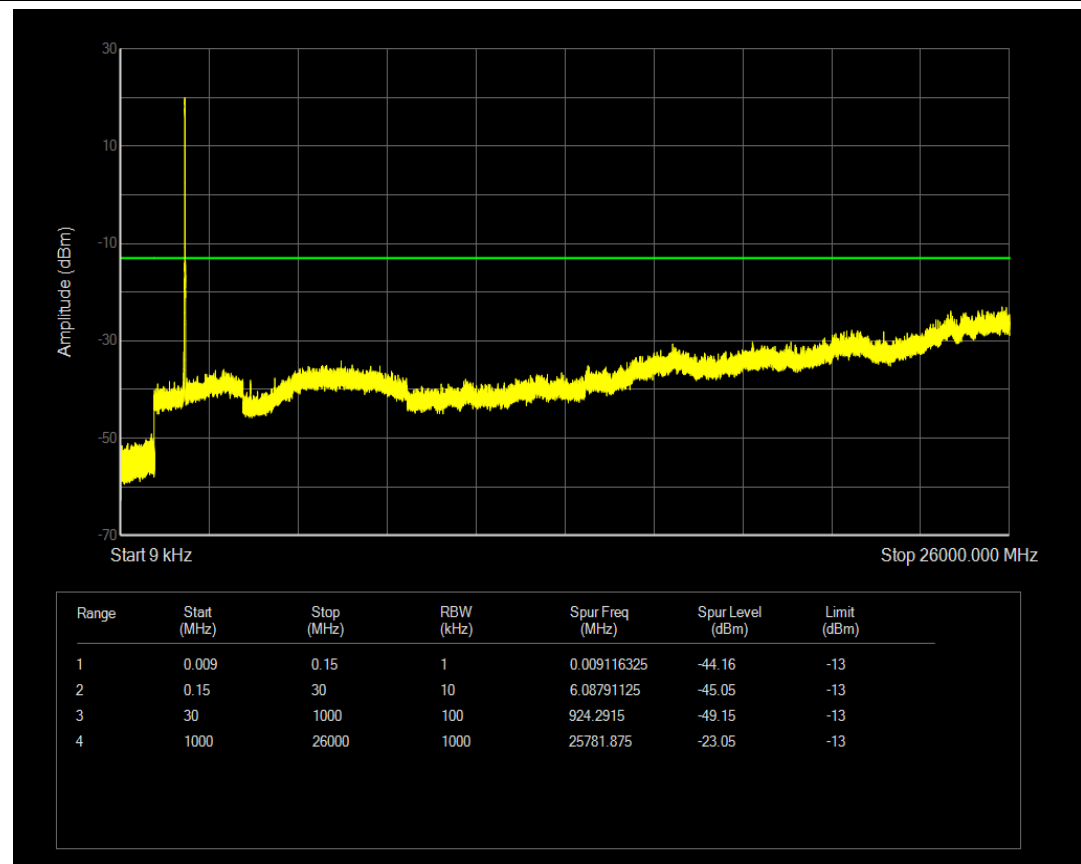


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010138575	-45.44	-13
2	0.15	30	10	6.105075	-45.01	-13
3	30	1000	100	929.093	-49.83	-13
4	1000	26000	1000	25943.125	-23.37	-13

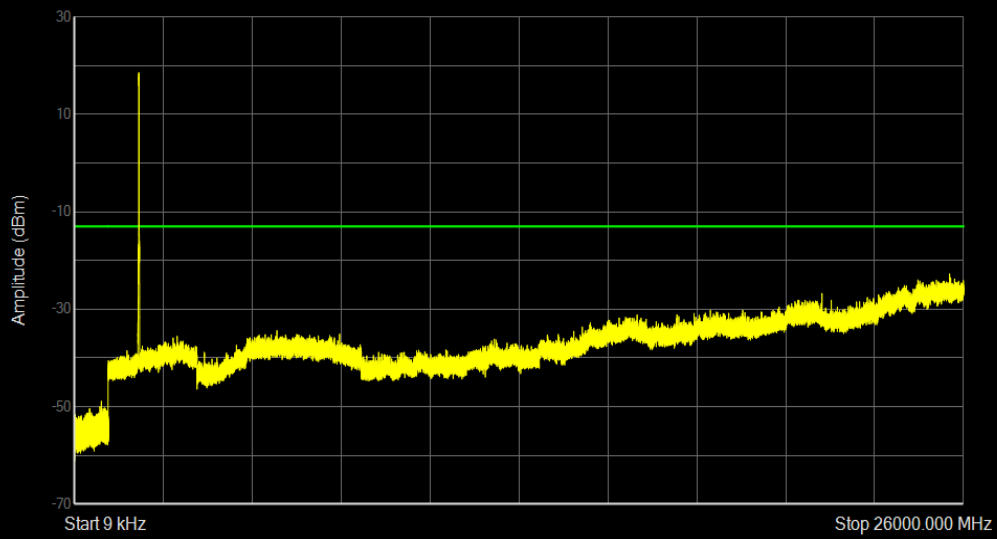
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0 NVNT



Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0 NVNT

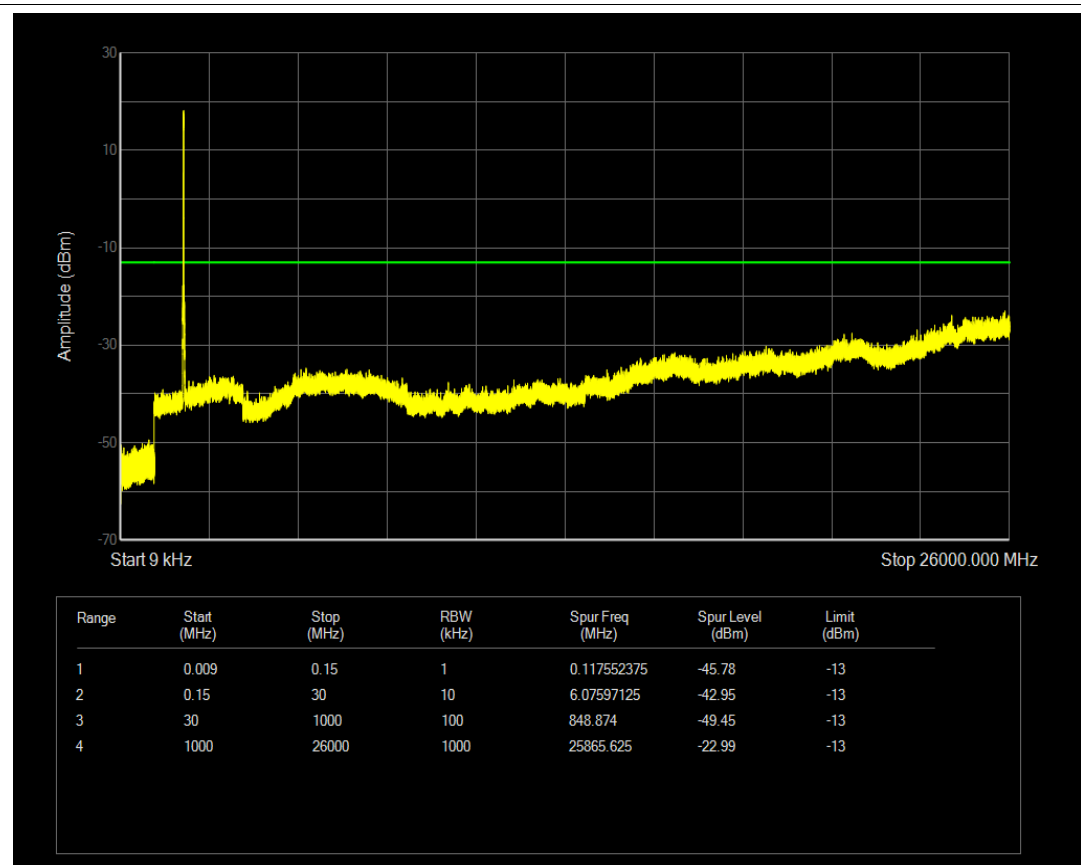


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0 NVNT

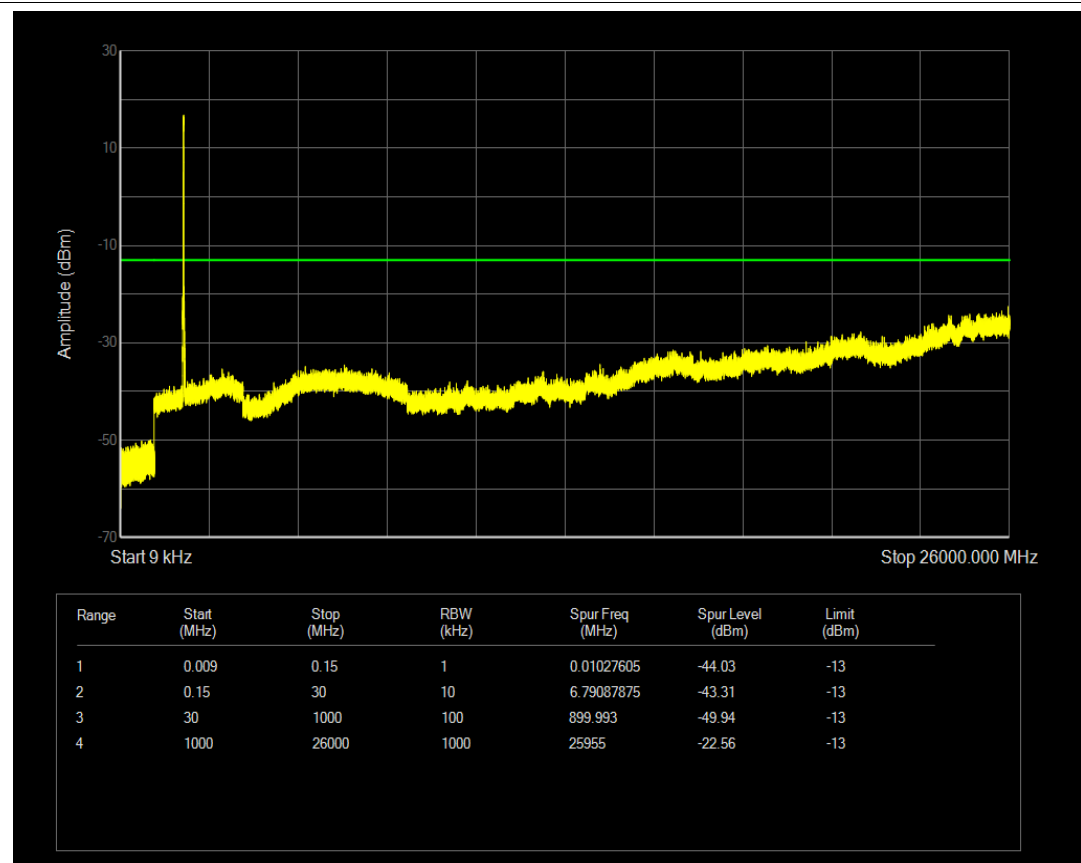


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.63	-13
2	0.15	30	10	6.0797025	-46.15	-13
3	30	1000	100	803.30825	-48.92	-13
4	1000	26000	1000	25592.5	-22.77	-13

Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0 NVNT

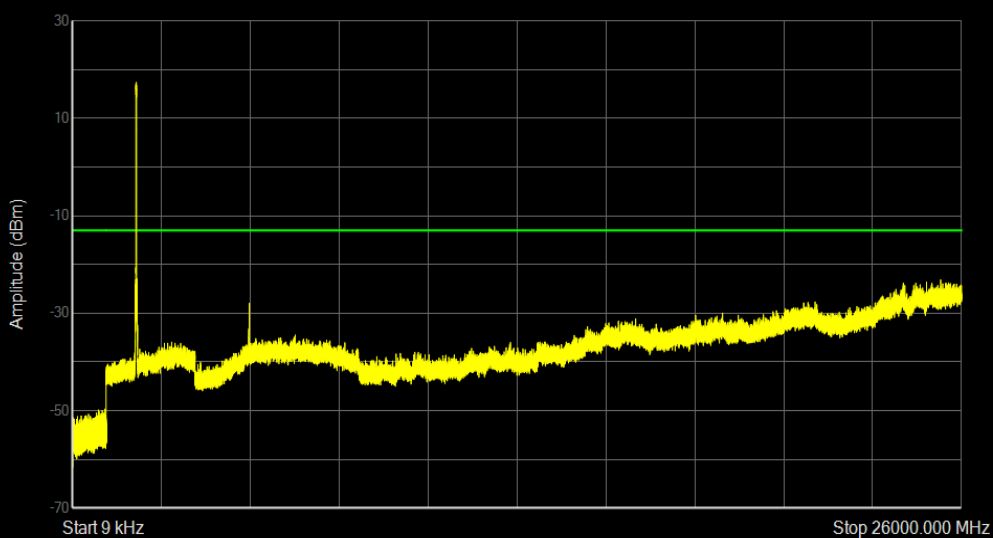


Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0 NVNT



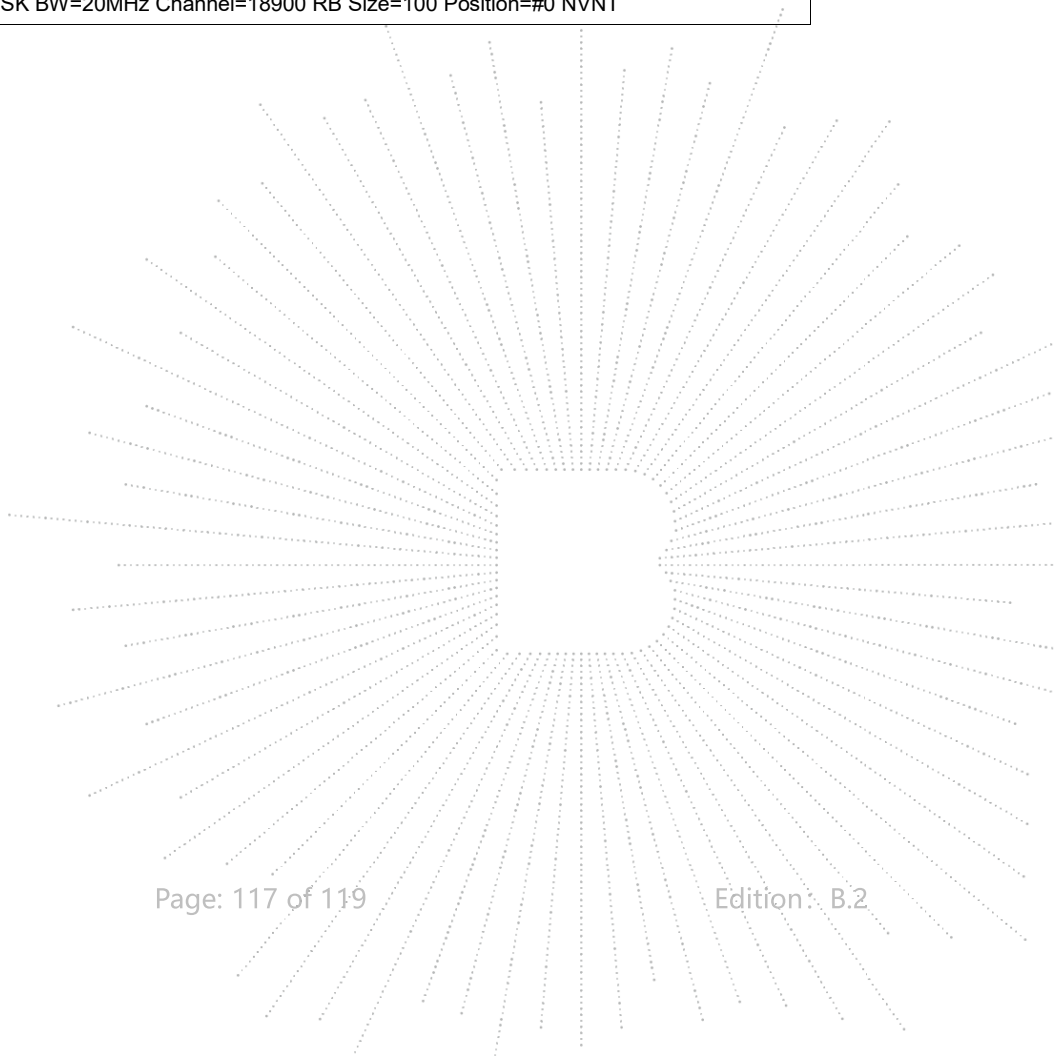


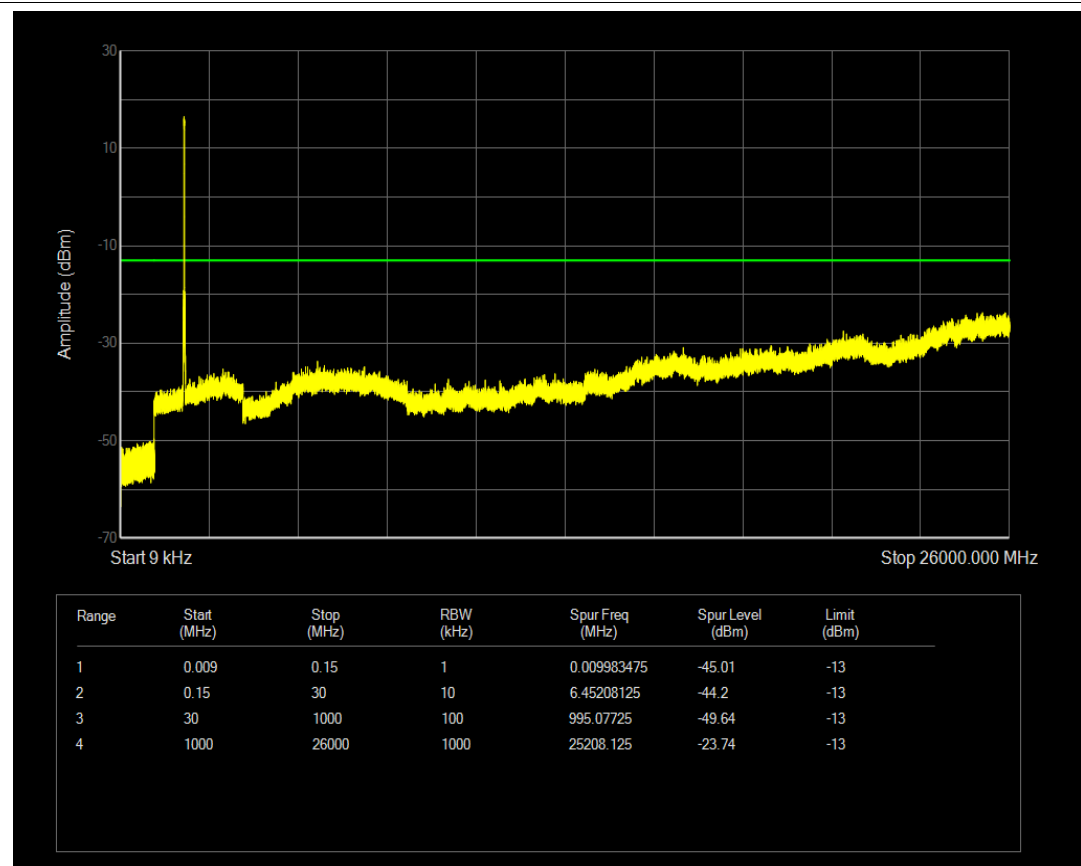
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0 NVNT



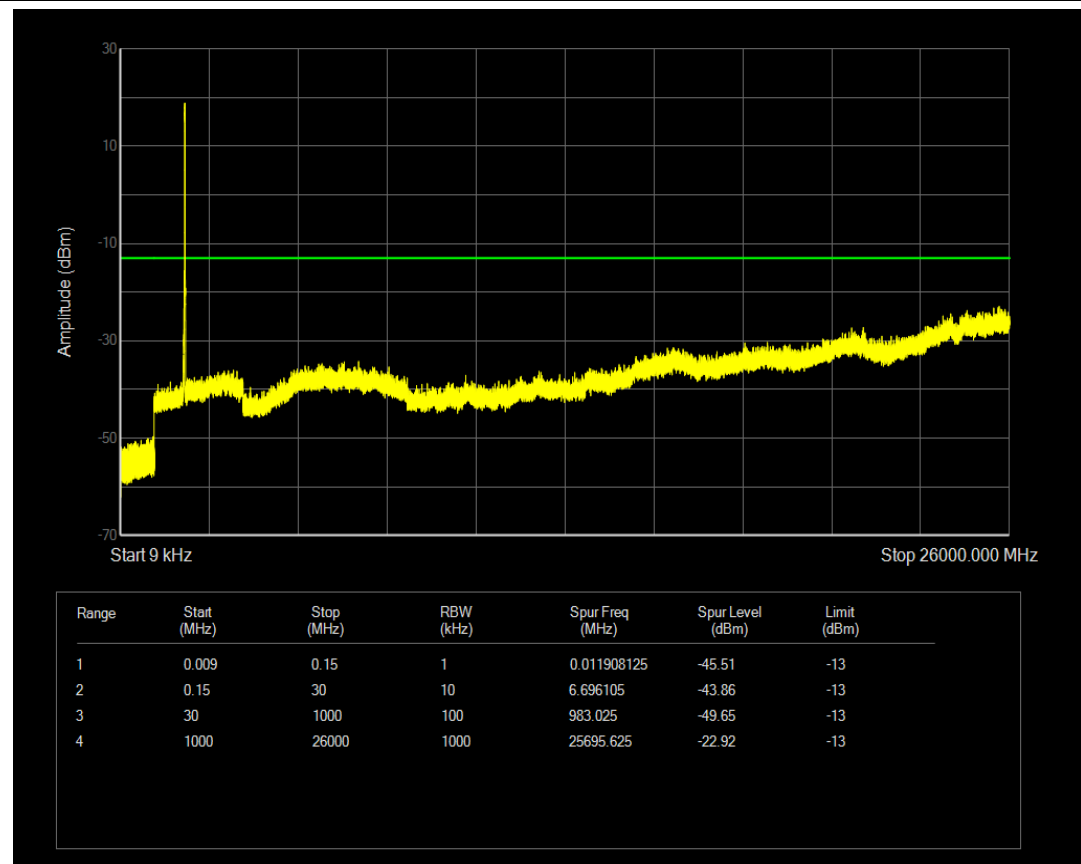
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010138575	-43.56	-13
2	0.15	30	10	6.09612	-42.13	-13
3	30	1000	100	967.86875	-49.67	-13
4	1000	26000	1000	25389.375	-23.15	-13

Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0 NVNT

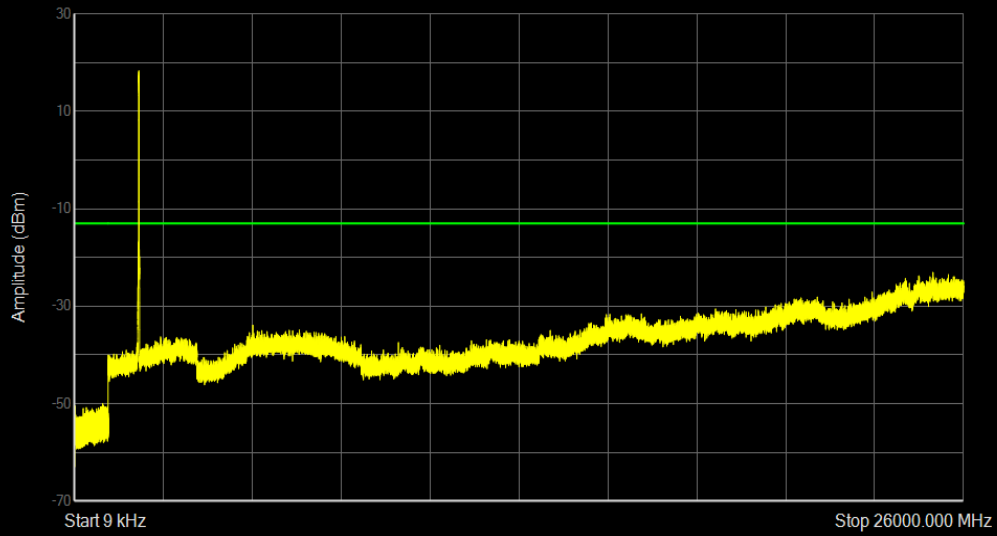




Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0 NVNT



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0 NVNT



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00993765	-44.13	-13
2	0.15	30	10	6.6468525	-43.53	-13
3	30	1000	100	842.44775	-49.98	-13
4	1000	26000	1000	25105.625	-23.05	-13

Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0 NVNT