

# Appendix for Band 7

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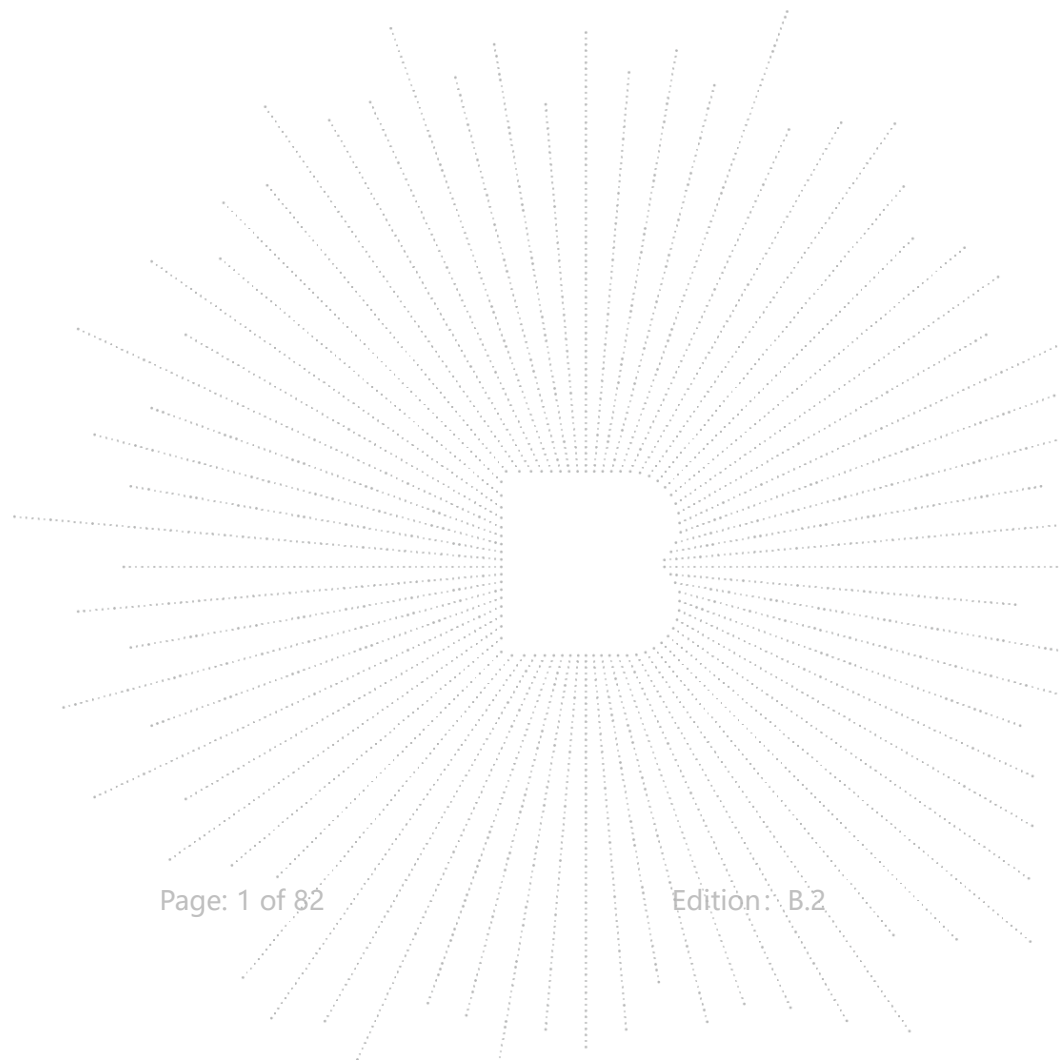
Tested Date: 2025-04-09 to 2025-05-26

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

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

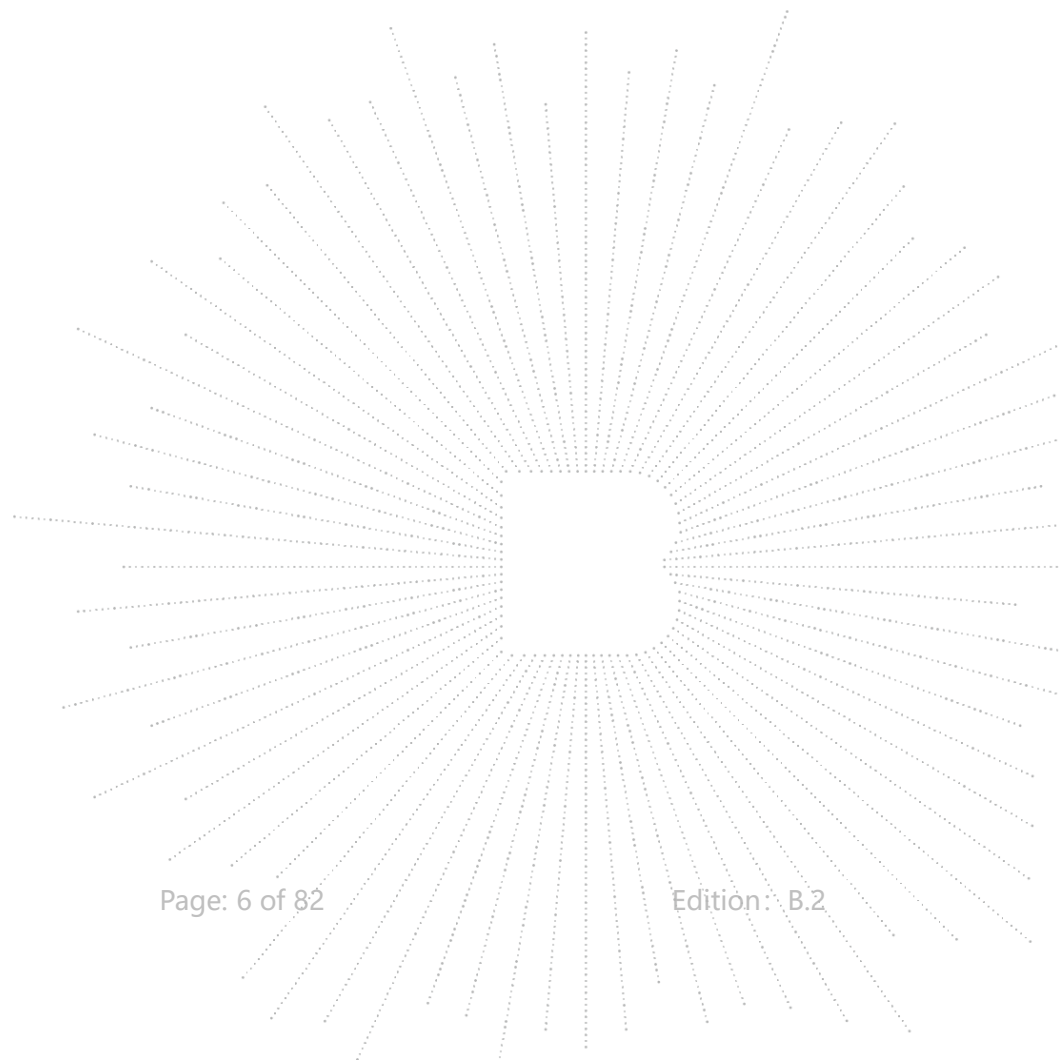
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band7	5	20775	1	#0	QPSK	21.16	0.88	22.04	PASS
NVNT	Band7	5	20775	1	#Mid	QPSK	21.12	0.88	22.00	PASS
NVNT	Band7	5	20775	1	#Max	QPSK	21.14	0.88	22.02	PASS
NVNT	Band7	5	20775	12	#0	QPSK	20.23	0.88	21.11	PASS
NVNT	Band7	5	20775	12	#Mid	QPSK	20.07	0.88	20.95	PASS
NVNT	Band7	5	20775	12	#Max	QPSK	20.18	0.88	21.06	PASS
NVNT	Band7	5	20775	25	#0	QPSK	20.16	0.88	21.04	PASS
NVNT	Band7	5	20775	1	#0	16QAM	20.53	0.88	21.41	PASS
NVNT	Band7	5	20775	1	#Mid	16QAM	20.61	0.88	21.49	PASS
NVNT	Band7	5	20775	1	#Max	16QAM	20.64	0.88	21.52	PASS
NVNT	Band7	5	20775	12	#0	16QAM	19.15	0.88	20.03	PASS
NVNT	Band7	5	20775	12	#Mid	16QAM	19.11	0.88	19.99	PASS
NVNT	Band7	5	20775	12	#Max	16QAM	19.16	0.88	20.04	PASS
NVNT	Band7	5	20775	25	#0	16QAM	19.33	0.88	20.21	PASS
NVNT	Band7	5	21100	1	#0	QPSK	21.38	0.88	22.26	PASS
NVNT	Band7	5	21100	1	#Mid	QPSK	21.44	0.88	22.32	PASS
NVNT	Band7	5	21100	1	#Max	QPSK	21.56	0.88	22.44	PASS
NVNT	Band7	5	21100	12	#0	QPSK	20.74	0.88	21.62	PASS
NVNT	Band7	5	21100	12	#Mid	QPSK	20.79	0.88	21.67	PASS
NVNT	Band7	5	21100	12	#Max	QPSK	20.80	0.88	21.68	PASS
NVNT	Band7	5	21100	25	#0	QPSK	20.86	0.88	21.74	PASS
NVNT	Band7	5	21100	1	#0	16QAM	21.72	0.88	22.60	PASS
NVNT	Band7	5	21100	1	#Mid	16QAM	21.89	0.88	22.77	PASS
NVNT	Band7	5	21100	1	#Max	16QAM	21.93	0.88	22.81	PASS
NVNT	Band7	5	21100	12	#0	16QAM	19.82	0.88	20.70	PASS
NVNT	Band7	5	21100	12	#Mid	16QAM	19.89	0.88	20.77	PASS
NVNT	Band7	5	21100	12	#Max	16QAM	19.93	0.88	20.81	PASS
NVNT	Band7	5	21100	25	#0	16QAM	20.04	0.88	20.92	PASS
NVNT	Band7	5	21425	1	#0	QPSK	21.73	0.88	22.61	PASS
NVNT	Band7	5	21425	1	#Mid	QPSK	21.74	0.88	22.62	PASS
NVNT	Band7	5	21425	1	#Max	QPSK	21.69	0.88	22.57	PASS
NVNT	Band7	5	21425	12	#0	QPSK	20.90	0.88	21.78	PASS
NVNT	Band7	5	21425	12	#Mid	QPSK	20.86	0.88	21.74	PASS
NVNT	Band7	5	21425	12	#Max	QPSK	20.83	0.88	21.71	PASS
NVNT	Band7	5	21425	25	#0	QPSK	20.88	0.88	21.76	PASS

NVNT	Band7	5	21425	1	#0	16QAM	21.79	0.88	22.67	PASS
NVNT	Band7	5	21425	1	#Mid	16QAM	21.68	0.88	22.56	PASS
NVNT	Band7	5	21425	1	#Max	16QAM	21.87	0.88	22.75	PASS
NVNT	Band7	5	21425	12	#0	16QAM	19.91	0.88	20.79	PASS
NVNT	Band7	5	21425	12	#Mid	16QAM	19.90	0.88	20.78	PASS
NVNT	Band7	5	21425	12	#Max	16QAM	19.82	0.88	20.70	PASS
NVNT	Band7	5	21425	25	#0	16QAM	20.09	0.88	20.97	PASS
NVNT	Band7	10	20800	1	#0	QPSK	21.11	0.88	21.99	PASS
NVNT	Band7	10	20800	1	#Mid	QPSK	21.21	0.88	22.09	PASS
NVNT	Band7	10	20800	1	#Max	QPSK	21.24	0.88	22.12	PASS
NVNT	Band7	10	20800	25	#0	QPSK	20.13	0.88	21.01	PASS
NVNT	Band7	10	20800	25	#Mid	QPSK	20.30	0.88	21.18	PASS
NVNT	Band7	10	20800	25	#Max	QPSK	20.28	0.88	21.16	PASS
NVNT	Band7	10	20800	50	#0	QPSK	20.26	0.88	21.14	PASS
NVNT	Band7	10	20800	1	#0	16QAM	21.86	0.88	22.74	PASS
NVNT	Band7	10	20800	1	#Mid	16QAM	22.17	0.88	23.05	PASS
NVNT	Band7	10	20800	1	#Max	16QAM	22.19	0.88	23.07	PASS
NVNT	Band7	10	20800	25	#0	16QAM	19.33	0.88	20.21	PASS
NVNT	Band7	10	20800	25	#Mid	16QAM	19.44	0.88	20.32	PASS
NVNT	Band7	10	20800	25	#Max	16QAM	19.40	0.88	20.28	PASS
NVNT	Band7	10	20800	50	#0	16QAM	19.54	0.88	20.42	PASS
NVNT	Band7	10	21100	1	#0	QPSK	21.52	0.88	22.40	PASS
NVNT	Band7	10	21100	1	#Mid	QPSK	21.53	0.88	22.41	PASS
NVNT	Band7	10	21100	1	#Max	QPSK	21.62	0.88	22.50	PASS
NVNT	Band7	10	21100	25	#0	QPSK	20.84	0.88	21.72	PASS
NVNT	Band7	10	21100	25	#Mid	QPSK	20.77	0.88	21.65	PASS
NVNT	Band7	10	21100	25	#Max	QPSK	20.84	0.88	21.72	PASS
NVNT	Band7	10	21100	50	#0	QPSK	20.91	0.88	21.79	PASS
NVNT	Band7	10	21100	1	#0	16QAM	22.08	0.88	22.96	PASS
NVNT	Band7	10	21100	1	#Mid	16QAM	22.21	0.88	23.09	PASS
NVNT	Band7	10	21100	1	#Max	16QAM	22.30	0.88	23.18	PASS
NVNT	Band7	10	21100	25	#0	16QAM	19.86	0.88	20.74	PASS
NVNT	Band7	10	21100	25	#Mid	16QAM	19.98	0.88	20.86	PASS
NVNT	Band7	10	21100	25	#Max	16QAM	20.03	0.88	20.91	PASS
NVNT	Band7	10	21100	50	#0	16QAM	20.05	0.88	20.93	PASS
NVNT	Band7	10	21400	1	#0	QPSK	21.88	0.88	22.76	PASS
NVNT	Band7	10	21400	1	#Mid	QPSK	21.93	0.88	22.81	PASS
NVNT	Band7	10	21400	1	#Max	QPSK	21.88	0.88	22.76	PASS
NVNT	Band7	10	21400	25	#0	QPSK	20.90	0.88	21.78	PASS
NVNT	Band7	10	21400	25	#Mid	QPSK	20.87	0.88	21.75	PASS
NVNT	Band7	10	21400	25	#Max	QPSK	20.96	0.88	21.84	PASS
NVNT	Band7	10	21400	50	#0	QPSK	20.86	0.88	21.74	PASS

NVNT	Band7	10	21400	1	#0	16QAM	22.01	0.88	22.89	PASS
NVNT	Band7	10	21400	1	#Mid	16QAM	21.96	0.88	22.84	PASS
NVNT	Band7	10	21400	1	#Max	16QAM	21.81	0.88	22.69	PASS
NVNT	Band7	10	21400	25	#0	16QAM	20.12	0.88	21.00	PASS
NVNT	Band7	10	21400	25	#Mid	16QAM	20.09	0.88	20.97	PASS
NVNT	Band7	10	21400	25	#Max	16QAM	20.01	0.88	20.89	PASS
NVNT	Band7	10	21400	50	#0	16QAM	20.09	0.88	20.97	PASS
NVNT	Band7	15	20825	1	#0	QPSK	21.13	0.88	22.01	PASS
NVNT	Band7	15	20825	1	#Mid	QPSK	21.25	0.88	22.13	PASS
NVNT	Band7	15	20825	1	#Max	QPSK	21.25	0.88	22.13	PASS
NVNT	Band7	15	20825	36	#0	QPSK	20.30	0.88	21.18	PASS
NVNT	Band7	15	20825	36	#Mid	QPSK	20.30	0.88	21.18	PASS
NVNT	Band7	15	20825	36	#Max	QPSK	20.31	0.88	21.19	PASS
NVNT	Band7	15	20825	75	#0	QPSK	20.30	0.88	21.18	PASS
NVNT	Band7	15	20825	1	#0	16QAM	21.94	0.88	22.82	PASS
NVNT	Band7	15	20825	1	#Mid	16QAM	22.03	0.88	22.91	PASS
NVNT	Band7	15	20825	1	#Max	16QAM	22.10	0.88	22.98	PASS
NVNT	Band7	15	20825	36	#0	16QAM	19.43	0.88	20.31	PASS
NVNT	Band7	15	20825	36	#Mid	16QAM	19.41	0.88	20.29	PASS
NVNT	Band7	15	20825	36	#Max	16QAM	19.47	0.88	20.35	PASS
NVNT	Band7	15	20825	75	#0	16QAM	19.38	0.88	20.26	PASS
NVNT	Band7	15	21100	1	#0	QPSK	21.48	0.88	22.36	PASS
NVNT	Band7	15	21100	1	#Mid	QPSK	21.69	0.88	22.57	PASS
NVNT	Band7	15	21100	1	#Max	QPSK	21.86	0.88	22.74	PASS
NVNT	Band7	15	21100	36	#0	QPSK	20.71	0.88	21.59	PASS
NVNT	Band7	15	21100	36	#Mid	QPSK	20.87	0.88	21.75	PASS
NVNT	Band7	15	21100	36	#Max	QPSK	20.87	0.88	21.75	PASS
NVNT	Band7	15	21100	75	#0	QPSK	20.77	0.88	21.65	PASS
NVNT	Band7	15	21100	1	#0	16QAM	22.00	0.88	22.88	PASS
NVNT	Band7	15	21100	1	#Mid	16QAM	22.18	0.88	23.06	PASS
NVNT	Band7	15	21100	1	#Max	16QAM	22.31	0.88	23.19	PASS
NVNT	Band7	15	21100	36	#0	16QAM	19.96	0.88	20.84	PASS
NVNT	Band7	15	21100	36	#Mid	16QAM	20.13	0.88	21.01	PASS
NVNT	Band7	15	21100	36	#Max	16QAM	20.11	0.88	20.99	PASS
NVNT	Band7	15	21100	75	#0	16QAM	19.92	0.88	20.80	PASS
NVNT	Band7	15	21375	1	#0	QPSK	21.84	0.88	22.72	PASS
NVNT	Band7	15	21375	1	#Mid	QPSK	21.78	0.88	22.66	PASS
NVNT	Band7	15	21375	1	#Max	QPSK	21.79	0.88	22.67	PASS
NVNT	Band7	15	21375	36	#0	QPSK	21.04	0.88	21.92	PASS
NVNT	Band7	15	21375	36	#Mid	QPSK	20.98	0.88	21.86	PASS
NVNT	Band7	15	21375	36	#Max	QPSK	20.90	0.88	21.78	PASS
NVNT	Band7	15	21375	75	#0	QPSK	21.00	0.88	21.88	PASS

NVNT	Band7	15	21375	1	#0	16QAM	22.71	0.88	23.59	PASS
NVNT	Band7	15	21375	1	#Mid	16QAM	22.57	0.88	23.45	PASS
NVNT	Band7	15	21375	1	#Max	16QAM	22.34	0.88	23.22	PASS
NVNT	Band7	15	21375	36	#0	16QAM	20.10	0.88	20.98	PASS
NVNT	Band7	15	21375	36	#Mid	16QAM	20.00	0.88	20.88	PASS
NVNT	Band7	15	21375	36	#Max	16QAM	20.03	0.88	20.91	PASS
NVNT	Band7	15	21375	75	#0	16QAM	20.06	0.88	20.94	PASS
NVNT	Band7	20	20850	1	#0	QPSK	21.18	0.88	22.06	PASS
NVNT	Band7	20	20850	1	#Mid	QPSK	21.26	0.88	22.14	PASS
NVNT	Band7	20	20850	1	#Max	QPSK	21.41	0.88	22.29	PASS
NVNT	Band7	20	20850	50	#0	QPSK	20.27	0.88	21.15	PASS
NVNT	Band7	20	20850	50	#Mid	QPSK	20.40	0.88	21.28	PASS
NVNT	Band7	20	20850	50	#Max	QPSK	20.29	0.88	21.17	PASS
NVNT	Band7	20	20850	100	#0	QPSK	20.34	0.88	21.22	PASS
NVNT	Band7	20	20850	1	#0	16QAM	21.09	0.88	21.97	PASS
NVNT	Band7	20	20850	1	#Mid	16QAM	21.22	0.88	22.10	PASS
NVNT	Band7	20	20850	1	#Max	16QAM	21.33	0.88	22.21	PASS
NVNT	Band7	20	20850	50	#0	16QAM	19.44	0.88	20.32	PASS
NVNT	Band7	20	20850	50	#Mid	16QAM	19.56	0.88	20.44	PASS
NVNT	Band7	20	20850	50	#Max	16QAM	19.62	0.88	20.50	PASS
NVNT	Band7	20	20850	100	#0	16QAM	19.56	0.88	20.44	PASS
NVNT	Band7	20	21100	1	#0	QPSK	22.06	0.88	22.94	PASS
NVNT	Band7	20	21100	1	#Mid	QPSK	22.26	0.88	23.14	PASS
NVNT	Band7	20	21100	1	#Max	QPSK	22.32	0.88	23.20	PASS
NVNT	Band7	20	21100	50	#0	QPSK	20.68	0.88	21.56	PASS
NVNT	Band7	20	21100	50	#Mid	QPSK	20.88	0.88	21.76	PASS
NVNT	Band7	20	21100	50	#Max	QPSK	20.88	0.88	21.76	PASS
NVNT	Band7	20	21100	100	#0	QPSK	20.86	0.88	21.74	PASS
NVNT	Band7	20	21100	1	#0	16QAM	21.33	0.88	22.21	PASS
NVNT	Band7	20	21100	1	#Mid	16QAM	21.55	0.88	22.43	PASS
NVNT	Band7	20	21100	1	#Max	16QAM	21.75	0.88	22.63	PASS
NVNT	Band7	20	21100	50	#0	16QAM	19.87	0.88	20.75	PASS
NVNT	Band7	20	21100	50	#Mid	16QAM	20.03	0.88	20.91	PASS
NVNT	Band7	20	21100	50	#Max	16QAM	20.08	0.88	20.96	PASS
NVNT	Band7	20	21100	100	#0	16QAM	20.00	0.88	20.88	PASS
NVNT	Band7	20	21350	1	#0	QPSK	22.08	0.88	22.96	PASS
NVNT	Band7	20	21350	1	#Mid	QPSK	22.06	0.88	22.94	PASS
NVNT	Band7	20	21350	1	#Max	QPSK	22.09	0.88	22.97	PASS
NVNT	Band7	20	21350	50	#0	QPSK	21.00	0.88	21.88	PASS
NVNT	Band7	20	21350	50	#Mid	QPSK	20.99	0.88	21.87	PASS
NVNT	Band7	20	21350	50	#Max	QPSK	21.00	0.88	21.88	PASS
NVNT	Band7	20	21350	100	#0	QPSK	21.04	0.88	21.92	PASS

NVNT	Band7	20	21350	1	#0	16QAM	21.13	0.88	22.01	PASS
NVNT	Band7	20	21350	1	#Mid	16QAM	21.43	0.88	22.31	PASS
NVNT	Band7	20	21350	1	#Max	16QAM	21.63	0.88	22.51	PASS
NVNT	Band7	20	21350	50	#0	16QAM	20.06	0.88	20.94	PASS
NVNT	Band7	20	21350	50	#Mid	16QAM	20.21	0.88	21.09	PASS
NVNT	Band7	20	21350	50	#Max	16QAM	20.16	0.88	21.04	PASS
NVNT	Band7	20	21350	100	#0	16QAM	20.23	0.88	21.11	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 7	5	20775	25	#0	QPSK	LV	NT	-36.89	-0.015	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	NT	-34.20	-0.014	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	HV	NT	-38.54	-0.015	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	LV	NT	-15.94	-0.006	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	NT	-42.60	-0.017	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	HV	NT	-17.57	-0.007	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	LV	NT	-24.72	-0.010	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	NT	-28.84	-0.011	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	HV	NT	-49.68	-0.020	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	LV	NT	-21.54	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	NT	-4.41	-0.002	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	HV	NT	-23.52	-0.009	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	LV	NT	-46.81	-0.018	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	NT	-43.93	-0.017	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	HV	NT	-12.73	-0.005	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	LV	NT	-16.92	-0.007	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	NT	-15.61	-0.006	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	HV	NT	-23.90	-0.009	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	LV	NT	-42.36	-0.017	PASS



NVNT	Band 7	10	20800	50	#0	QPSK	NV	NT	-31.76	-0.013	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	HV	NT	-36.22	-0.014	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	LV	NT	-40.45	-0.016	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	NT	-38.60	-0.015	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	HV	NT	-0.17	0.000	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	LV	NT	28.00	0.011	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	NT	33.04	0.013	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	HV	NT	27.21	0.011	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	LV	NT	27.32	0.011	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	NT	18.12	0.007	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	HV	NT	-1.02	0.000	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	LV	NT	-20.27	-0.008	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	NT	-46.05	-0.018	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	HV	NT	-36.15	-0.014	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	LV	NT	-41.51	-0.016	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	NT	-19.54	-0.008	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	HV	NT	-14.33	-0.006	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	LV	NT	-49.84	-0.020	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	NT	-41.06	-0.016	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	HV	NT	-21.29	-0.008	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	LV	NT	-19.24	-0.008	PASS
NVNT	Band	15	20825	75	#0	16QAM	NV	NT	-0.14	0.000	PASS

	7										
NVNT	Band 7	15	20825	75	#0	16QAM	HV	NT	42.83	0.017	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	LV	NT	32.94	0.013	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	NT	5.35	0.002	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	HV	NT	30.64	0.012	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	LV	NT	14.68	0.006	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	NT	30.96	0.012	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	HV	NT	21.94	0.009	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	LV	NT	-10.67	-0.004	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	NT	-32.13	-0.013	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	HV	NT	-16.45	-0.006	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	LV	NT	34.49	0.013	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	NT	29.15	0.011	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	HV	NT	22.19	0.009	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	LV	NT	-34.45	-0.014	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	NT	-27.31	-0.011	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	HV	NT	-37.16	-0.015	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	LV	NT	-48.47	-0.019	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	NT	-11.69	-0.005	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	HV	NT	30.90	0.012	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	LV	NT	16.34	0.006	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	NT	26.41	0.010	PASS

NVNT	Band 7	20	21100	100	#0	QPSK	HV	NT	21.04	0.008	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	LV	NT	35.08	0.014	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	NT	33.00	0.013	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	HV	NT	19.05	0.008	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	LV	NT	-18.73	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	NT	-11.92	-0.005	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	HV	NT	17.34	0.007	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	LV	NT	24.22	0.009	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	NT	9.84	0.004	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	HV	NT	32.99	0.013	PASS

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 7	5	20775	25	#0	QPSK	NV	-30	12.35	0.005	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	-20	19.88	0.008	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	0	9.57	0.004	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	10	7.35	0.003	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	20	-1.87	-0.001	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	30	-10.97	-0.004	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	40	-22.57	-0.009	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	50	-30.40	-0.012	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	-30	-45.36	-0.018	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	-20	7.61	0.003	PASS

	7										
NVNT	Band 7	5	20775	25	#0	16QAM	NV	0	-3.33	-0.001	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	10	-11.33	-0.005	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	20	-26.78	-0.011	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	30	-41.70	-0.017	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	40	-13.75	-0.005	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	50	-3.40	-0.001	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	-30	-13.88	-0.005	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	-20	-21.47	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	0	-28.70	-0.011	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	10	-38.38	-0.015	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	20	-19.07	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	30	-15.66	-0.006	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	40	-21.03	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	50	-32.37	-0.013	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	-30	4.49	0.002	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	-20	4.91	0.002	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	0	-8.58	-0.003	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	10	-10.93	-0.004	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	20	-17.91	-0.007	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	30	-18.55	-0.007	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	40	-18.51	-0.007	PASS

NVNT	Band 7	5	21100	25	#0	16QAM	NV	50	-39.08	-0.015	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	-30	23.69	0.009	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	-20	15.06	0.006	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	0	-0.33	0.000	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	10	-4.08	-0.002	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	20	-11.26	-0.004	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	30	-20.31	-0.008	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	40	-31.19	-0.012	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	50	-33.80	-0.013	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	-30	-45.78	-0.018	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	-20	-17.57	-0.007	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	0	-21.03	-0.008	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	10	-28.48	-0.011	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	20	-35.55	-0.014	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	30	-36.91	-0.014	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	40	-43.79	-0.017	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	50	-43.56	-0.017	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	-30	8.58	0.003	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	-20	7.27	0.003	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	0	3.18	0.001	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	10	-16.97	-0.007	PASS
NVNT	Band	10	20800	50	#0	QPSK	NV	20	-29.55	-0.012	PASS

	7										
NVNT	Band 7	10	20800	50	#0	QPSK	NV	30	-37.16	-0.015	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	40	11.26	0.004	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	50	4.29	0.002	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	-30	-2.12	-0.001	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	-20	-9.56	-0.004	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	0	-19.43	-0.008	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	10	-18.20	-0.007	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	20	-27.65	-0.011	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	30	-26.89	-0.011	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	40	-18.07	-0.007	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	50	-25.45	-0.010	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	-30	2.27	0.001	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	-20	2.13	0.001	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	0	-1.57	-0.001	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	10	-8.57	-0.003	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	20	-19.73	-0.008	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	30	-21.44	-0.008	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	40	-33.50	-0.013	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	50	8.33	0.003	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	-30	-2.39	-0.001	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	-20	-11.43	-0.005	PASS

NVNT	Band 7	10	21100	50	#0	16QAM	NV	0	-16.18	-0.006	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	10	-34.03	-0.013	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	20	-43.13	-0.017	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	30	-22.83	-0.009	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	40	-39.94	-0.016	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	50	-1.30	-0.001	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	-30	10.99	0.004	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	-20	3.58	0.001	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	0	-14.43	-0.006	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	10	-27.34	-0.011	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	20	-42.17	-0.016	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	30	-25.35	-0.010	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	40	-42.64	-0.017	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	50	-55.09	-0.021	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	-30	-1.19	0.000	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	-20	-11.92	-0.005	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	0	-22.24	-0.009	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	10	-32.29	-0.013	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	20	-42.21	-0.016	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	30	-29.40	-0.011	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	40	-21.37	-0.008	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	50	-36.22	-0.014	PASS



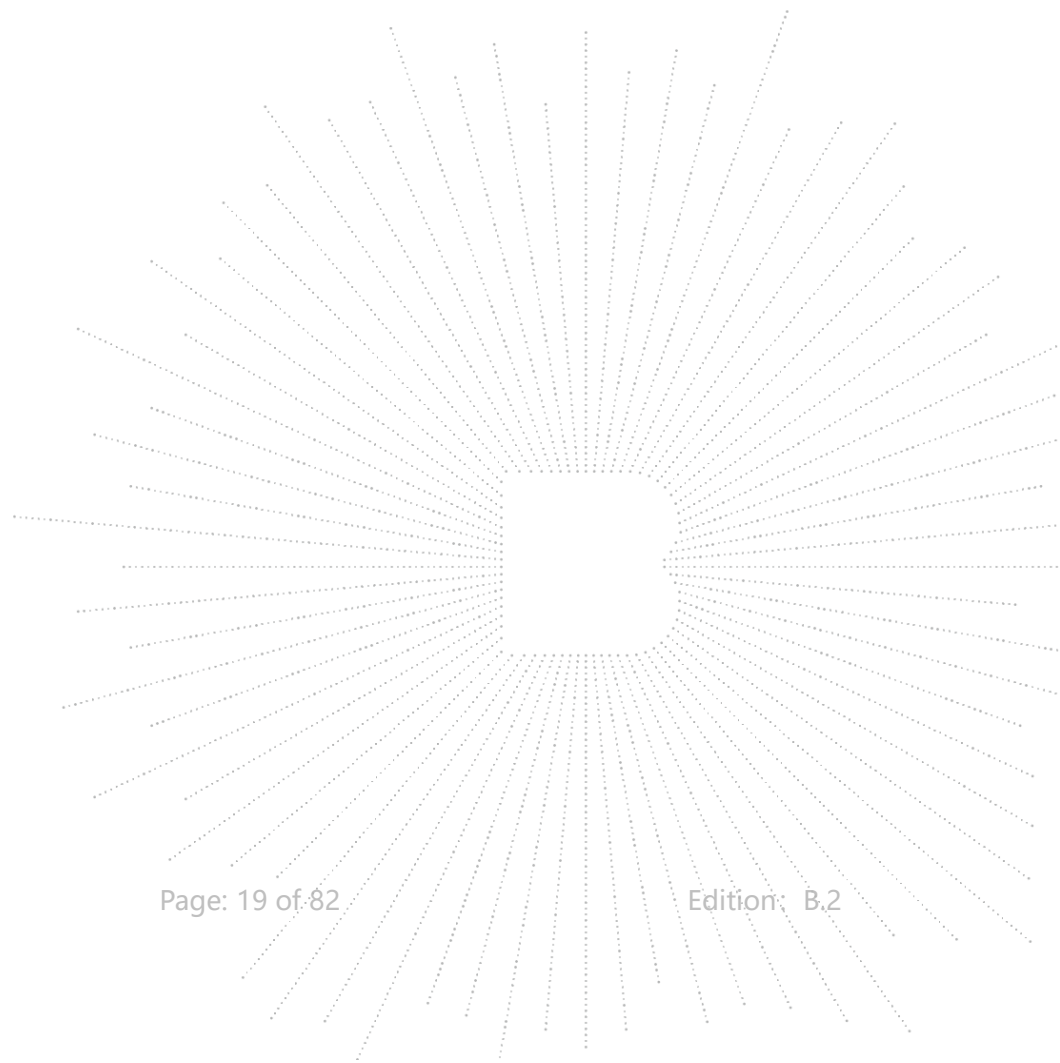
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NVNT	Band 7	15	20825	75	#0	QPSK	NV	-30	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	-20	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	0	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	10	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	20	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	30	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	40	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	50	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	-30	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	-20	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	0	0.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	10	0.00	0.000	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	-30	-31.10	-0.012	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	-20	-37.44	-0.015	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	0	-42.67	-0.017	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	10	-52.47	-0.021	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	20	10.59	0.004	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	30	-31.53	-0.012	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	40	-0.56	0.000	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	50	-31.76	-0.013	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	-30	-31.54	-0.012	PASS

NVNT	Band 7	15	21100	75	#0	16QAM	NV	-20	-19.54	-0.008	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	0	-36.35	-0.014	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	10	-16.62	-0.007	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	20	-24.25	-0.010	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	30	-13.90	-0.005	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	40	0.00	0.000	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	50	0.00	0.000	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	-30	-37.75	-0.015	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	-20	-38.38	-0.015	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	0	-32.22	-0.013	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	10	-15.49	-0.006	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	20	-19.48	-0.008	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	30	-11.66	-0.005	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	40	4.06	0.002	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	50	-3.19	-0.001	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	-30	-1.73	-0.001	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	-20	5.62	0.002	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	0	5.55	0.002	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	10	9.97	0.004	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	20	-2.99	-0.001	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	30	10.71	0.004	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	40	10.54	0.004	PASS

	7										
NVNT	Band 7	15	21375	75	#0	16QAM	NV	50	17.17	0.007	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	-30	30.40	0.012	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	-20	15.45	0.006	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	0	6.01	0.002	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	10	0.56	0.000	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	20	1.39	0.001	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	30	-1.95	-0.001	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	40	-7.00	-0.003	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	50	-2.70	-0.001	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	-30	-12.92	-0.005	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	-20	-4.63	-0.002	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	0	4.09	0.002	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	10	3.68	0.001	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	20	1.95	0.001	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	30	-10.20	-0.004	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	40	0.83	0.000	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	50	2.16	0.001	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	-30	-18.37	-0.007	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	-20	-35.81	-0.014	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	0	-43.64	-0.017	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	10	-32.80	-0.013	PASS

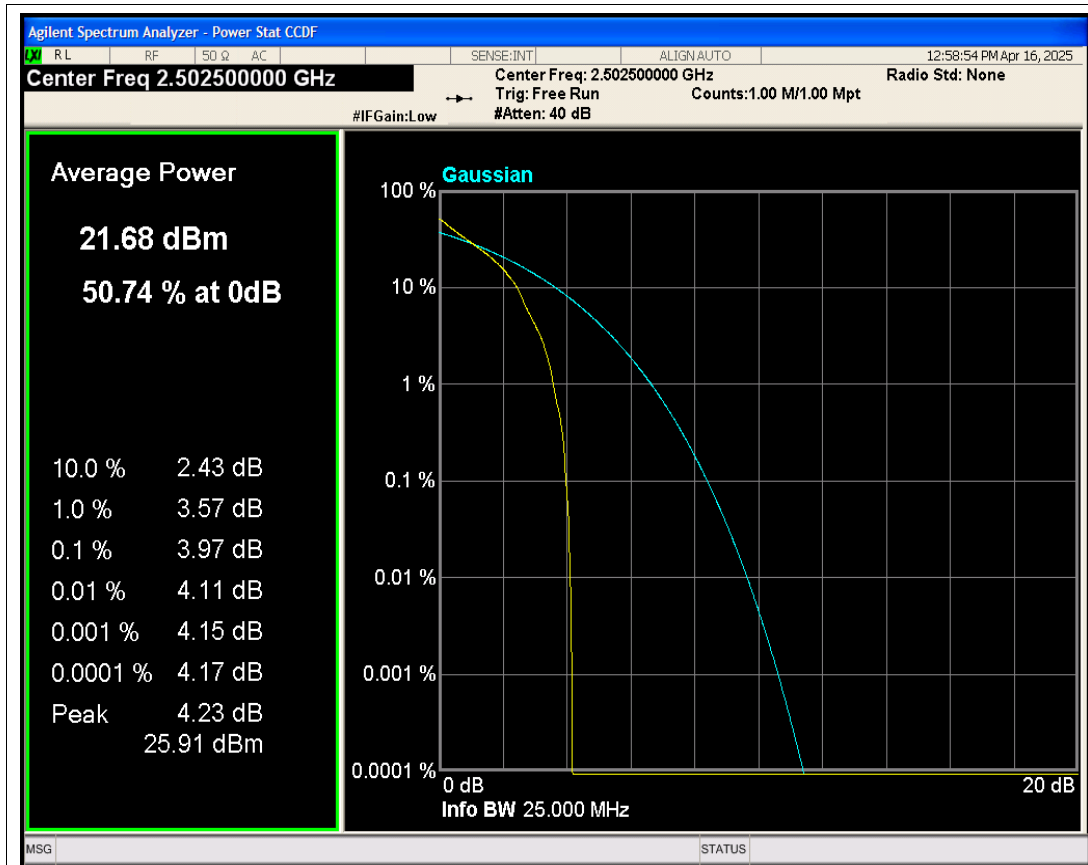
NVNT	Band 7	20	21100	100	#0	QPSK	NV	20	-10.29	-0.004	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	30	-3.06	-0.001	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	40	2.20	0.001	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	50	15.76	0.006	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	-30	17.31	0.007	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	-20	27.27	0.011	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	0	29.51	0.012	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	10	29.23	0.012	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	20	32.11	0.013	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	30	32.01	0.013	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	40	23.19	0.009	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	50	20.04	0.008	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	-30	-4.45	-0.002	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	-20	-6.94	-0.003	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	0	-4.98	-0.002	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	10	0.60	0.000	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	20	-9.81	-0.004	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	30	-15.35	-0.006	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	40	-19.70	-0.008	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	50	-9.16	-0.004	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	-30	-3.00	-0.001	PASS
NVNT	Band	20	21350	100	#0	16QAM	NV	-20	5.91	0.002	PASS

	7										
NVNT	Band 7	20	21350	100	#0	16QAM	NV	0	8.80	0.003	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	10	9.36	0.004	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	20	14.26	0.006	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	30	8.88	0.003	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	40	-1.83	-0.001	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	50	5.84	0.002	PASS

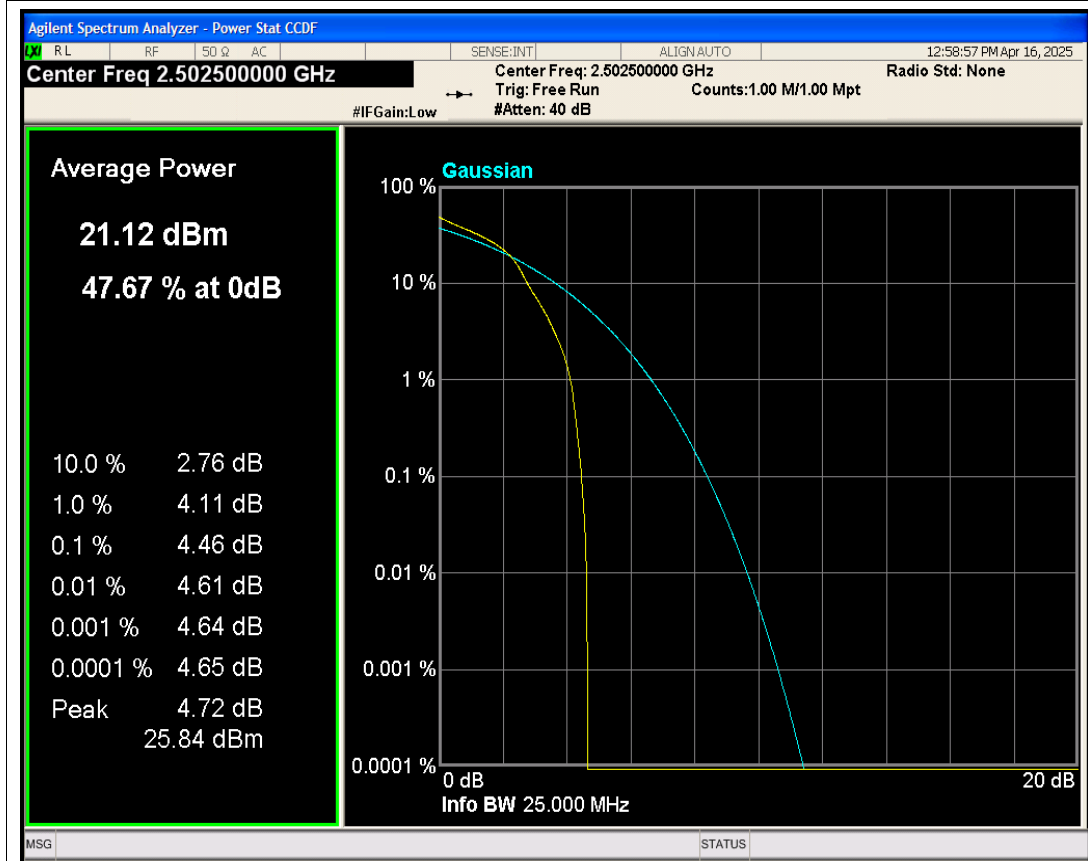


### Appendix 3. Peak-to-Average Ratio

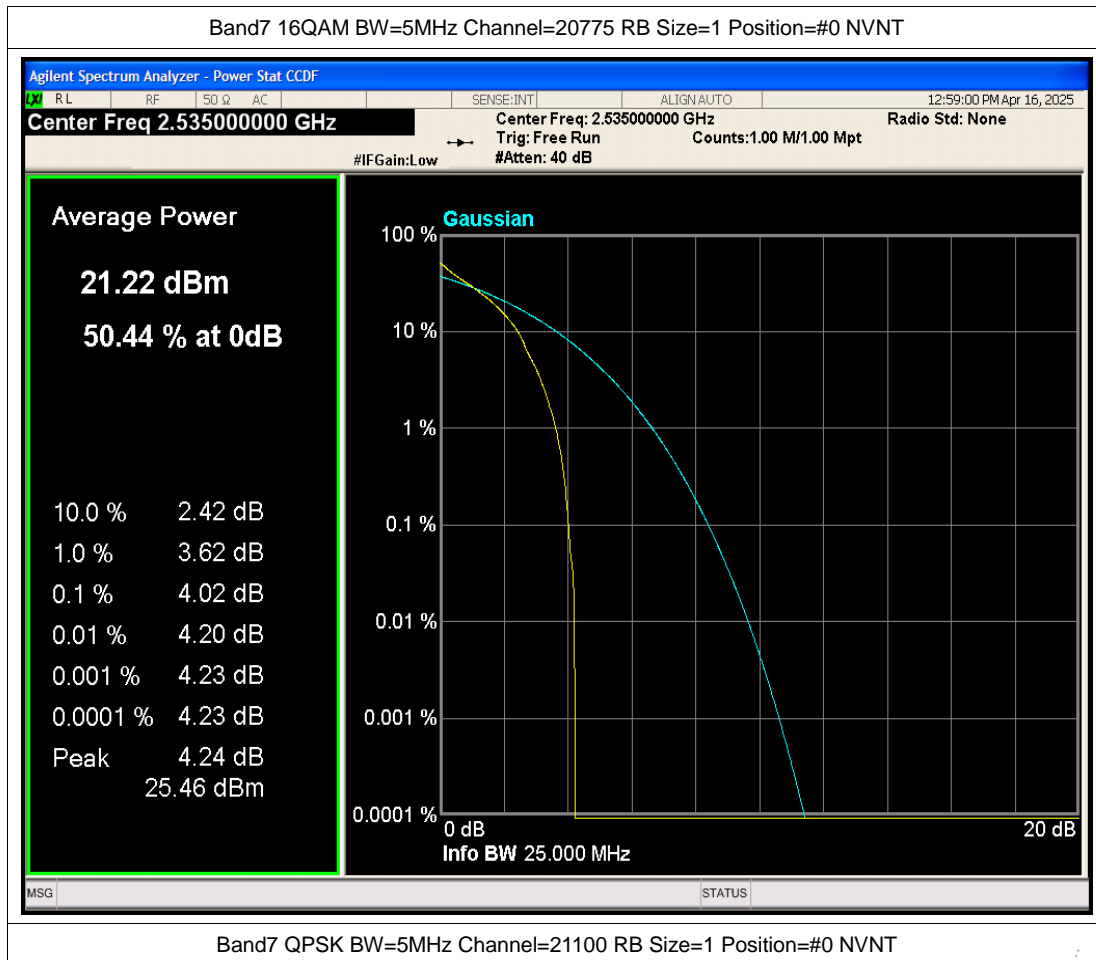
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band7	5	20775	1	#0	QPSK	3.97	13	PASS
NVNT	Band7	5	20775	1	#0	16QAM	4.46	13	PASS
NVNT	Band7	5	21100	1	#0	QPSK	4.02	13	PASS
NVNT	Band7	5	21100	1	#0	16QAM	4.41	13	PASS
NVNT	Band7	5	21425	1	#0	QPSK	3.56	13	PASS
NVNT	Band7	5	21425	1	#0	16QAM	4.09	13	PASS
NVNT	Band7	10	20800	1	#0	QPSK	3.84	13	PASS
NVNT	Band7	10	20800	1	#0	16QAM	4.29	13	PASS
NVNT	Band7	10	21100	1	#0	QPSK	4.15	13	PASS
NVNT	Band7	10	21100	1	#0	16QAM	4.74	13	PASS
NVNT	Band7	10	21400	1	#0	QPSK	3.98	13	PASS
NVNT	Band7	10	21400	1	#0	16QAM	4.71	13	PASS
NVNT	Band7	15	20825	1	#0	QPSK	3.94	13	PASS
NVNT	Band7	15	20825	1	#0	16QAM	4.25	13	PASS
NVNT	Band7	15	21100	1	#0	QPSK	4.25	13	PASS
NVNT	Band7	15	21100	1	#0	16QAM	4.68	13	PASS
NVNT	Band7	15	21375	1	#0	QPSK	4.34	13	PASS
NVNT	Band7	15	21375	1	#0	16QAM	4.61	13	PASS
NVNT	Band7	20	20850	1	#0	QPSK	3.80	13	PASS
NVNT	Band7	20	20850	1	#0	16QAM	4.23	13	PASS
NVNT	Band7	20	21100	1	#0	QPSK	4.28	13	PASS
NVNT	Band7	20	21100	1	#0	16QAM	4.70	13	PASS
NVNT	Band7	20	21350	1	#0	QPSK	4.87	13	PASS
NVNT	Band7	20	21350	1	#0	16QAM	5.33	13	PASS

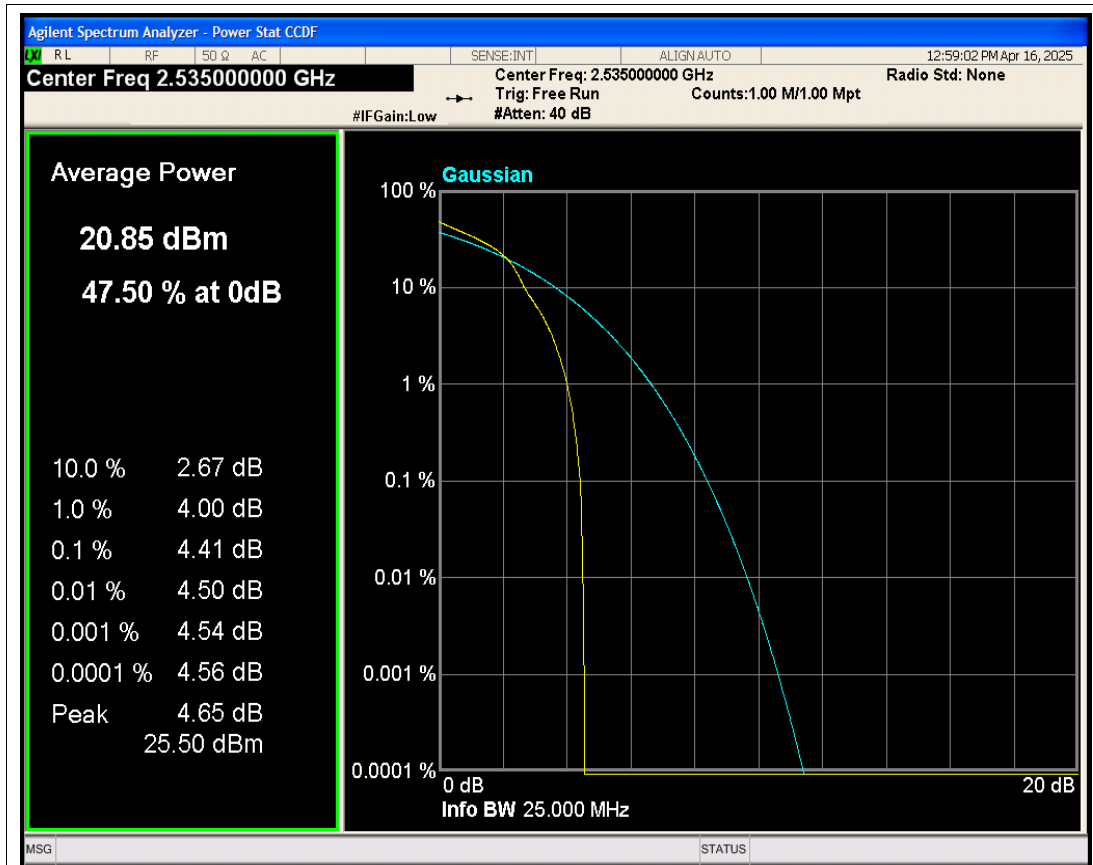


Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT

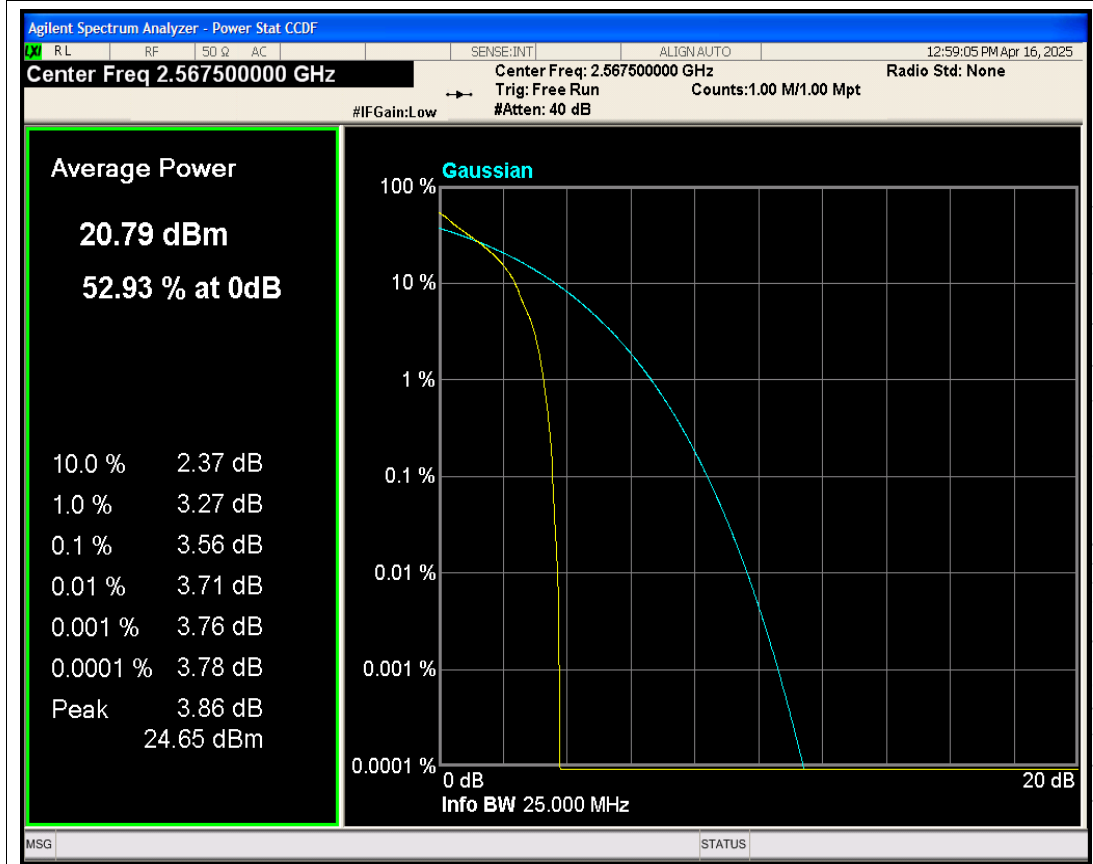


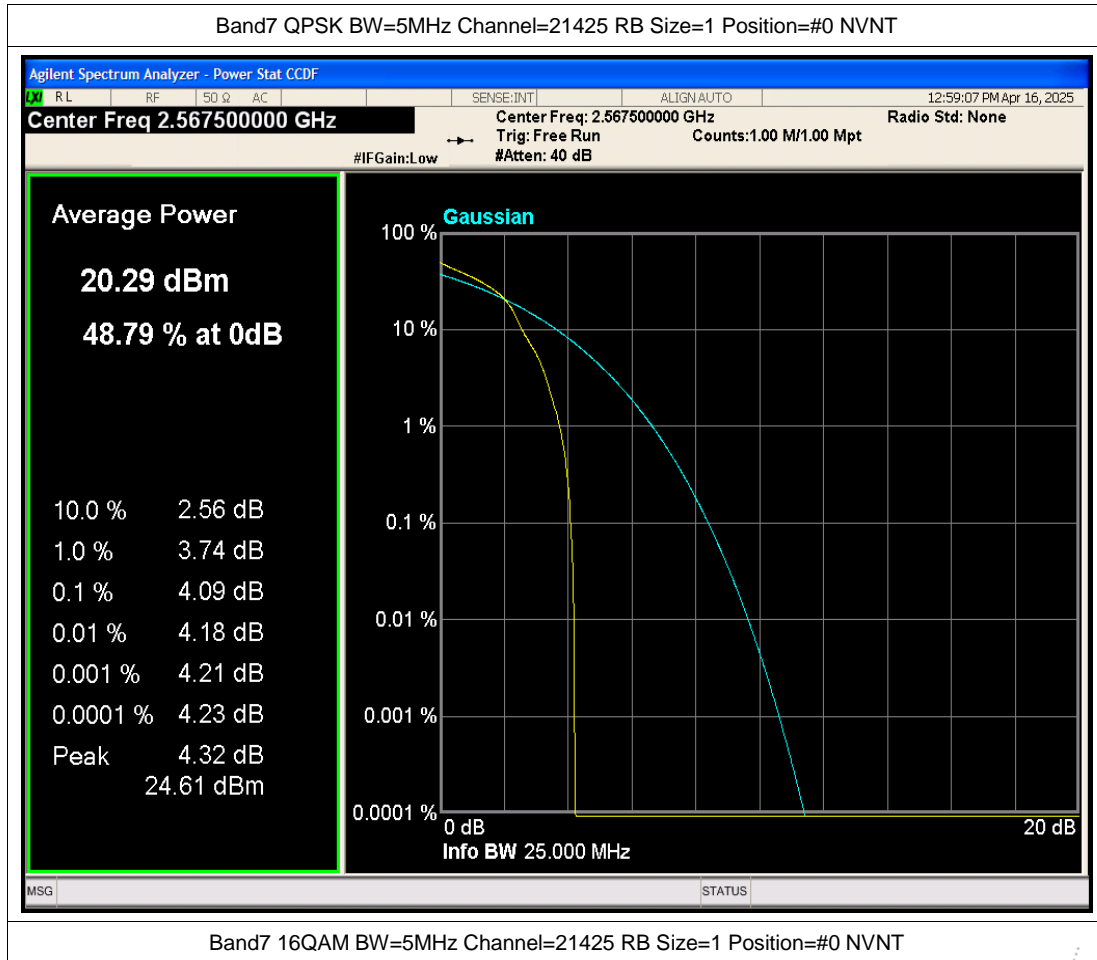


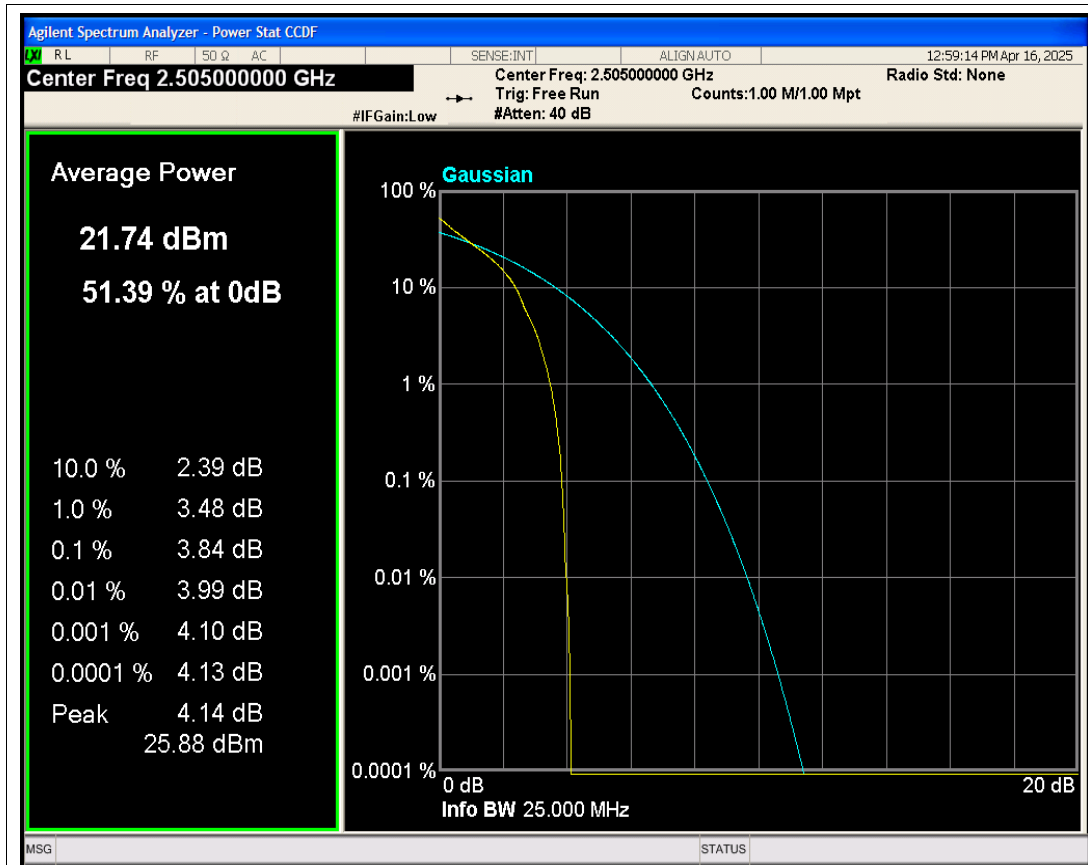




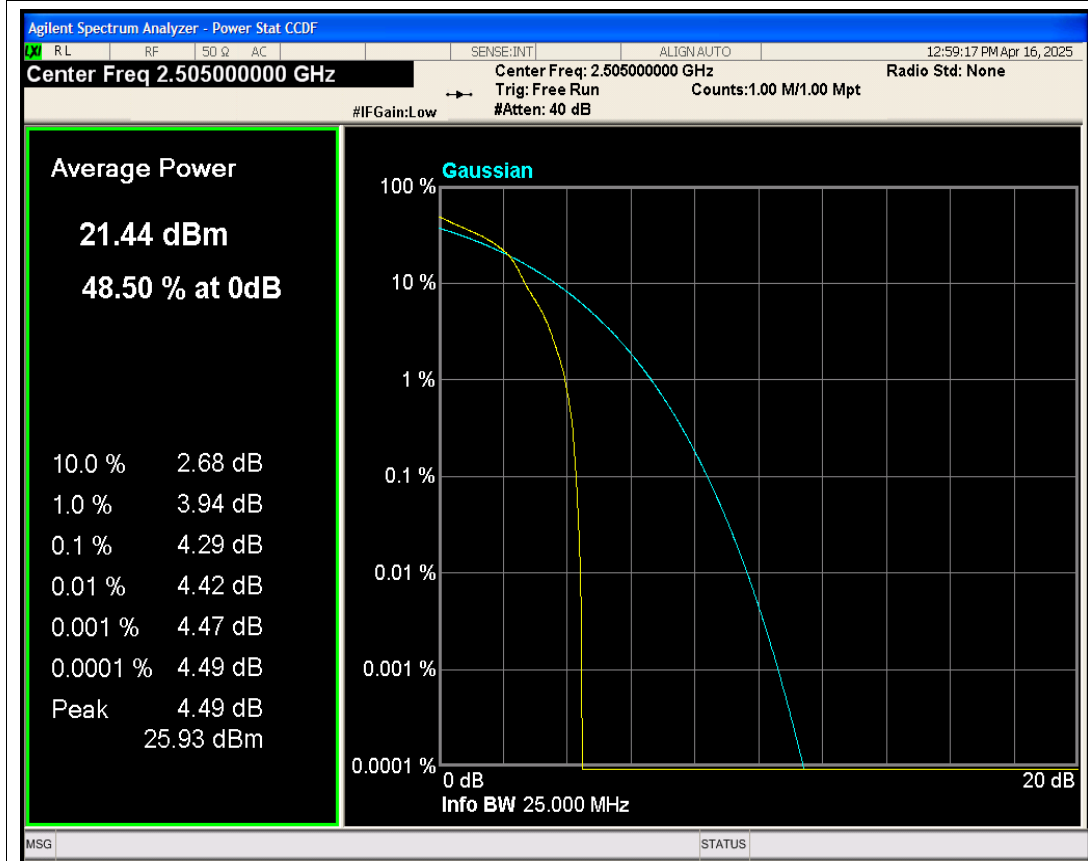
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0 NVNT

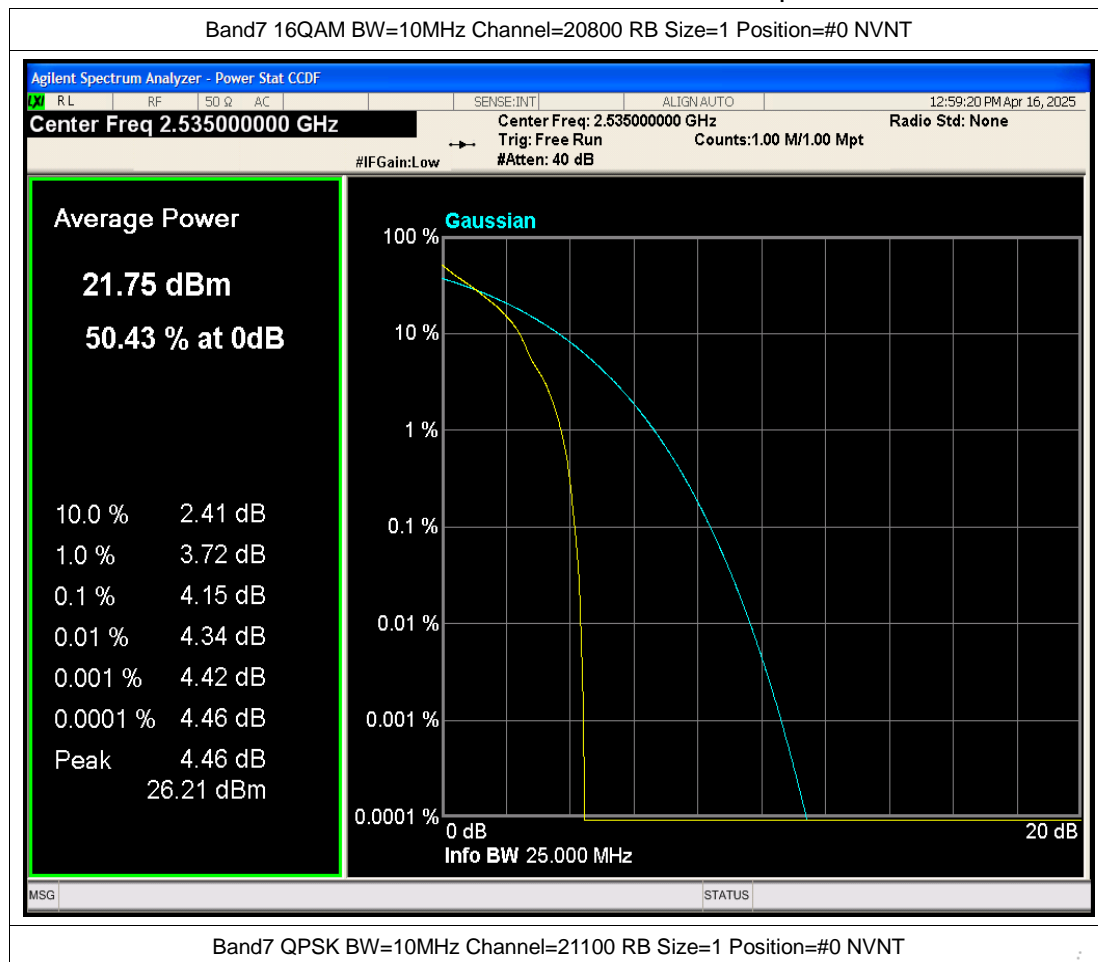


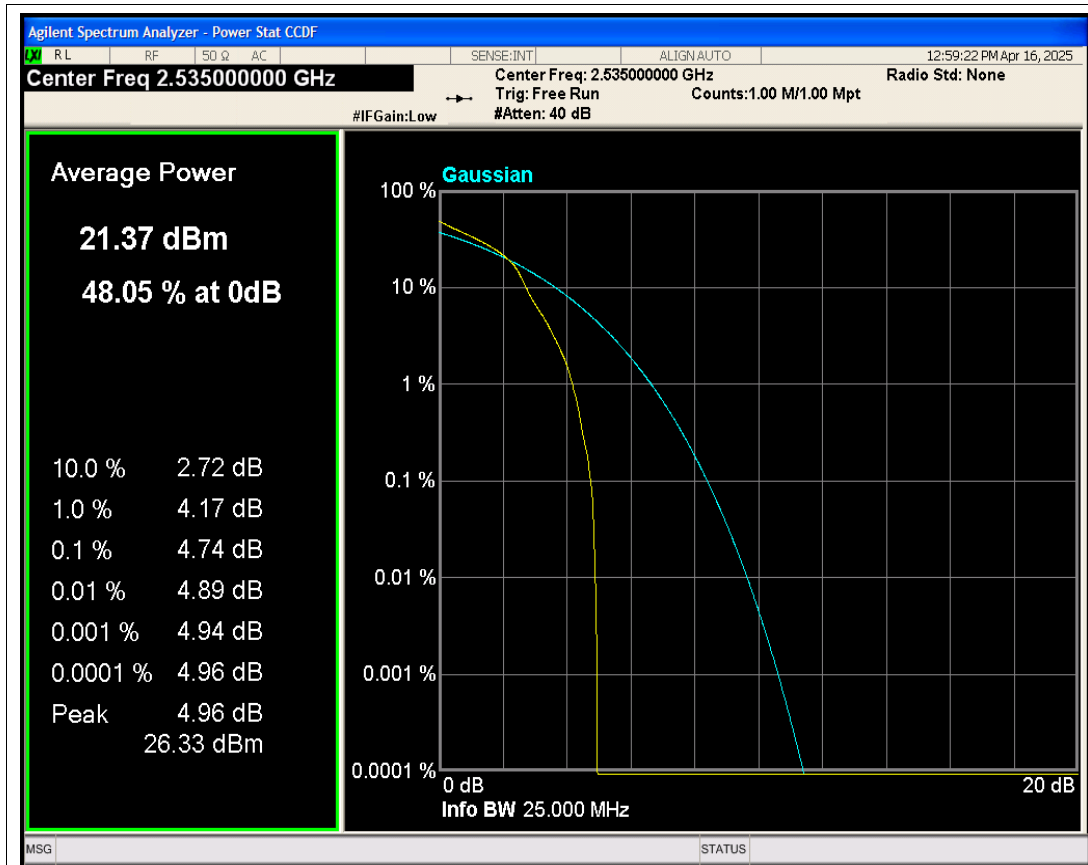




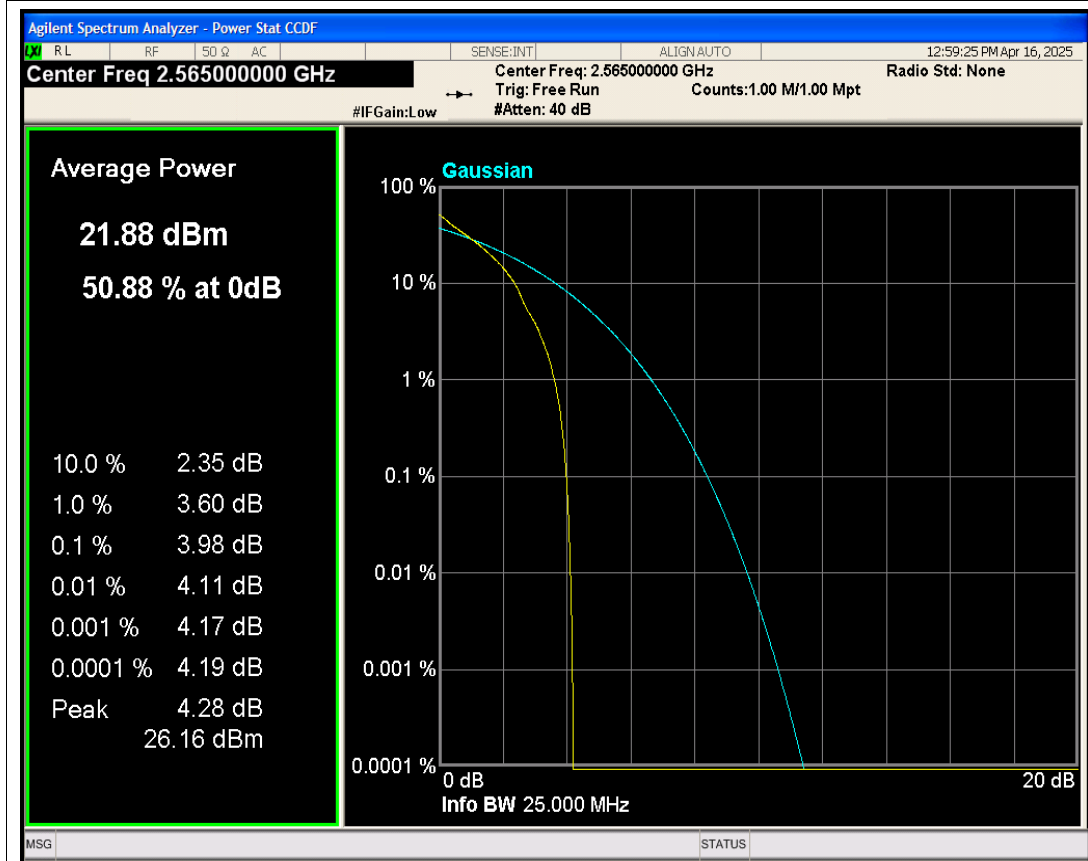
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT

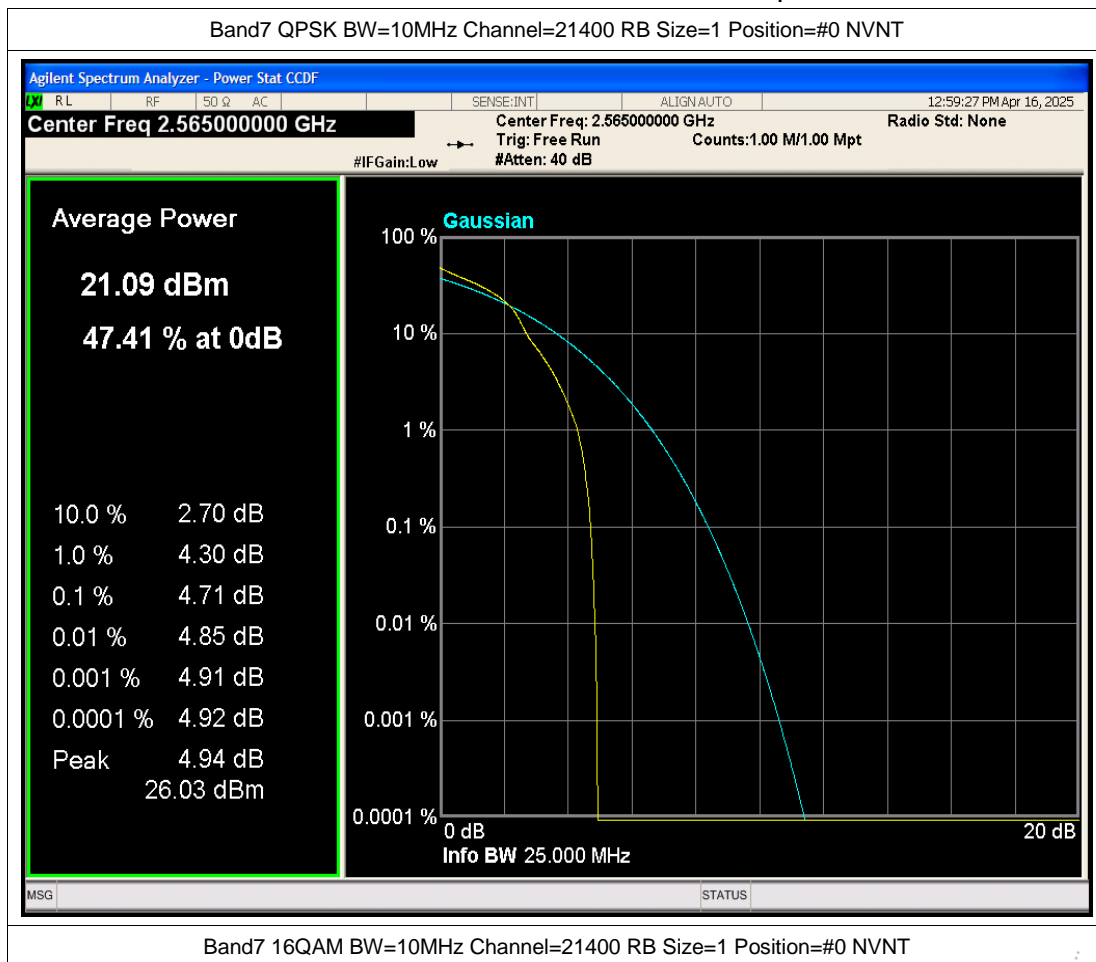




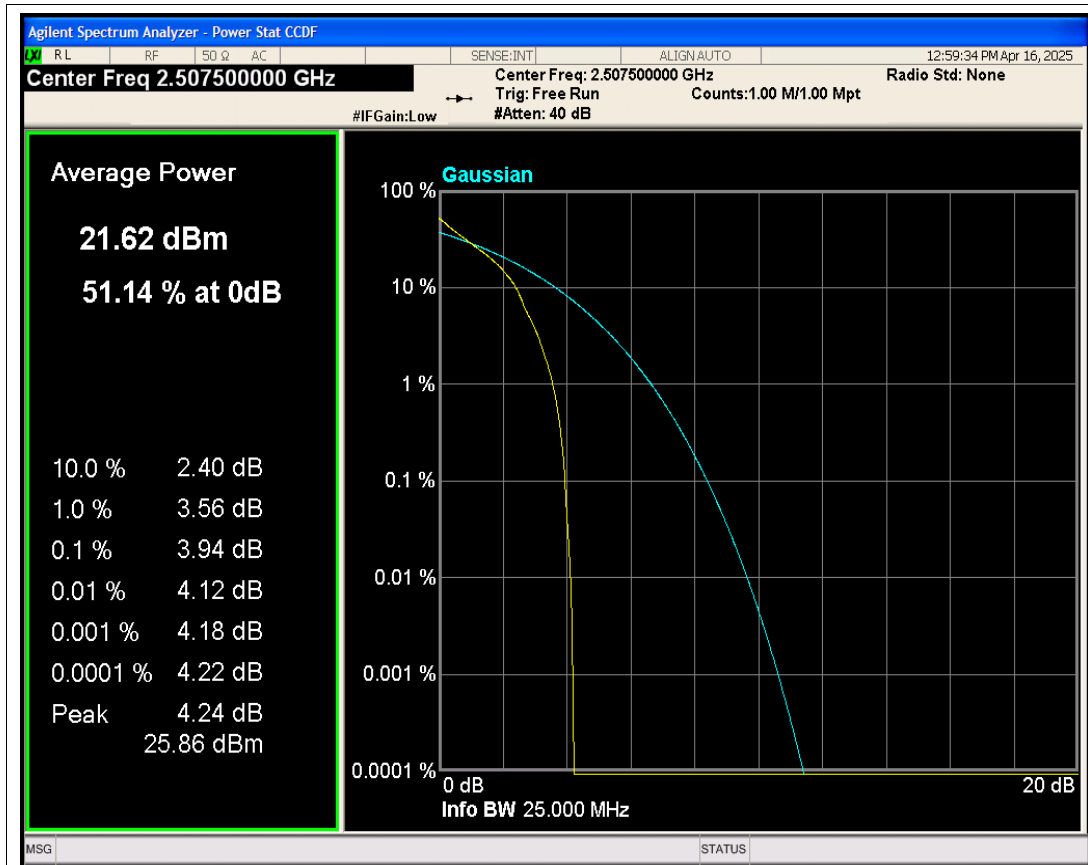


Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0 NVNT

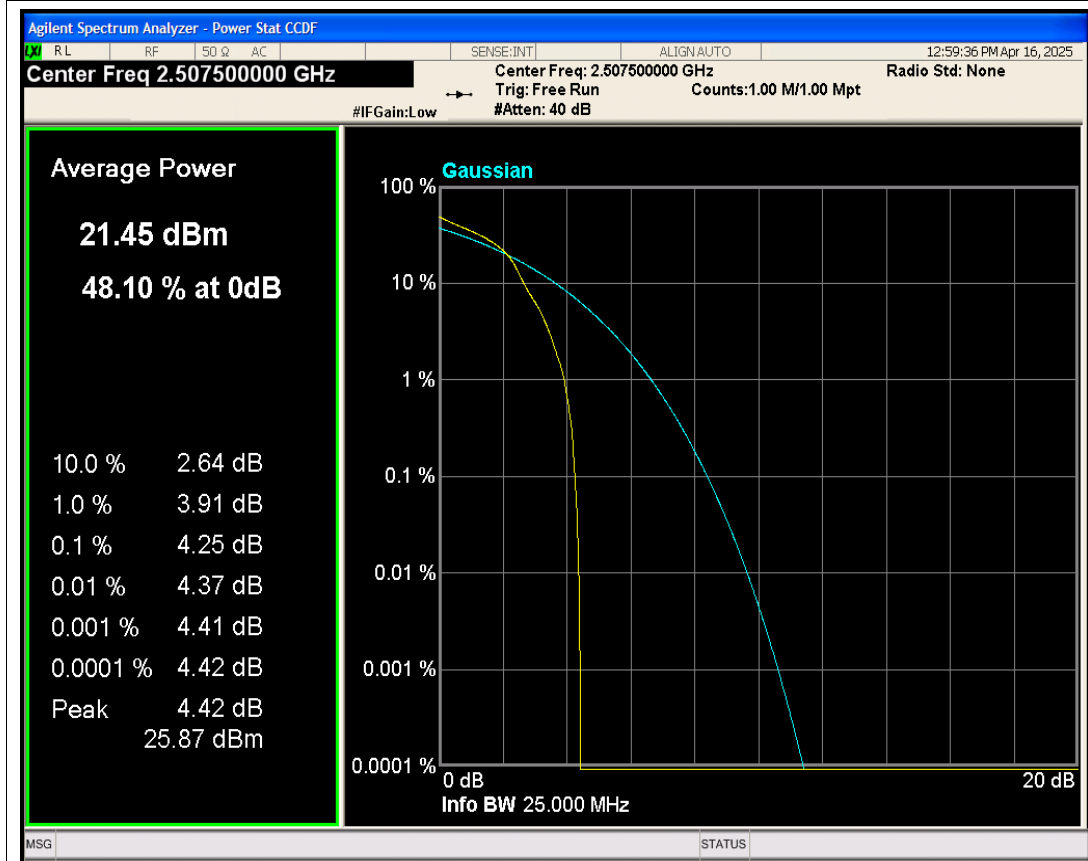


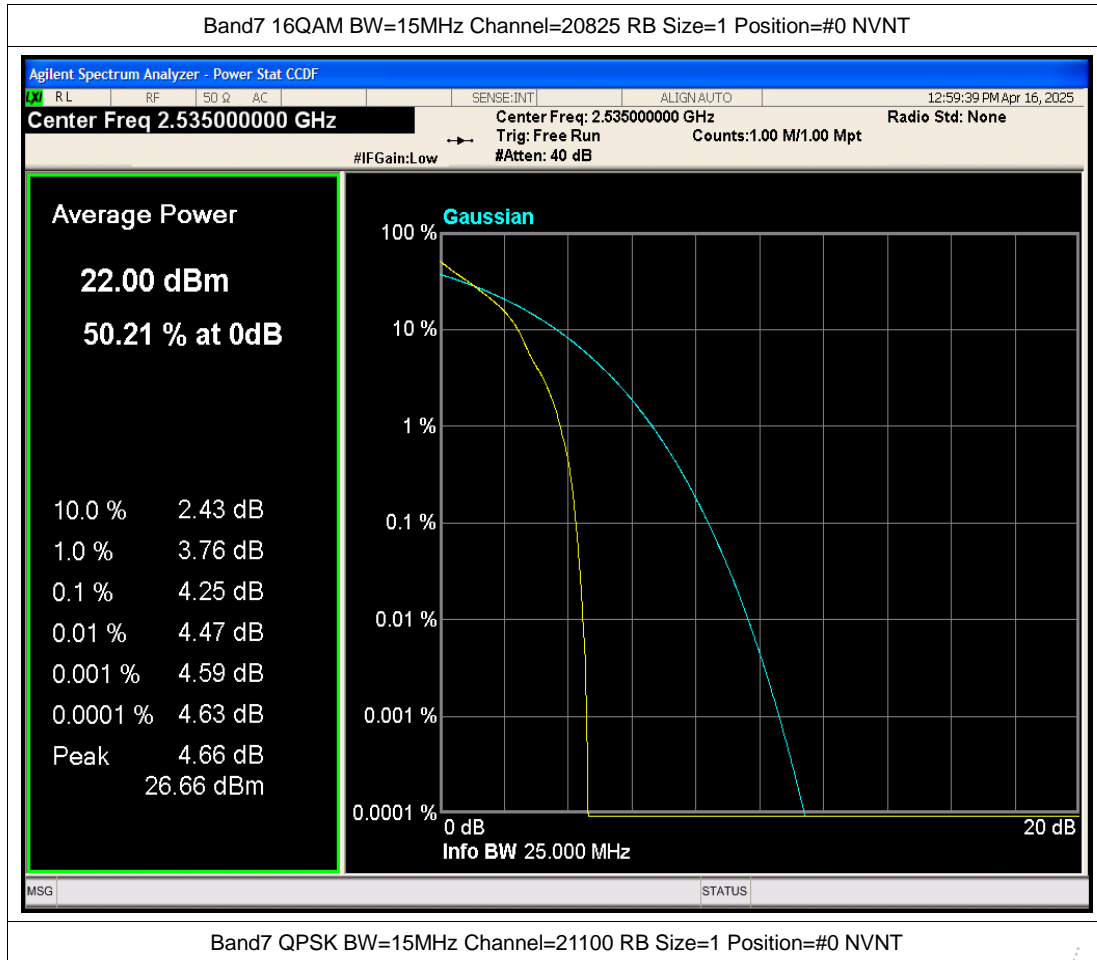


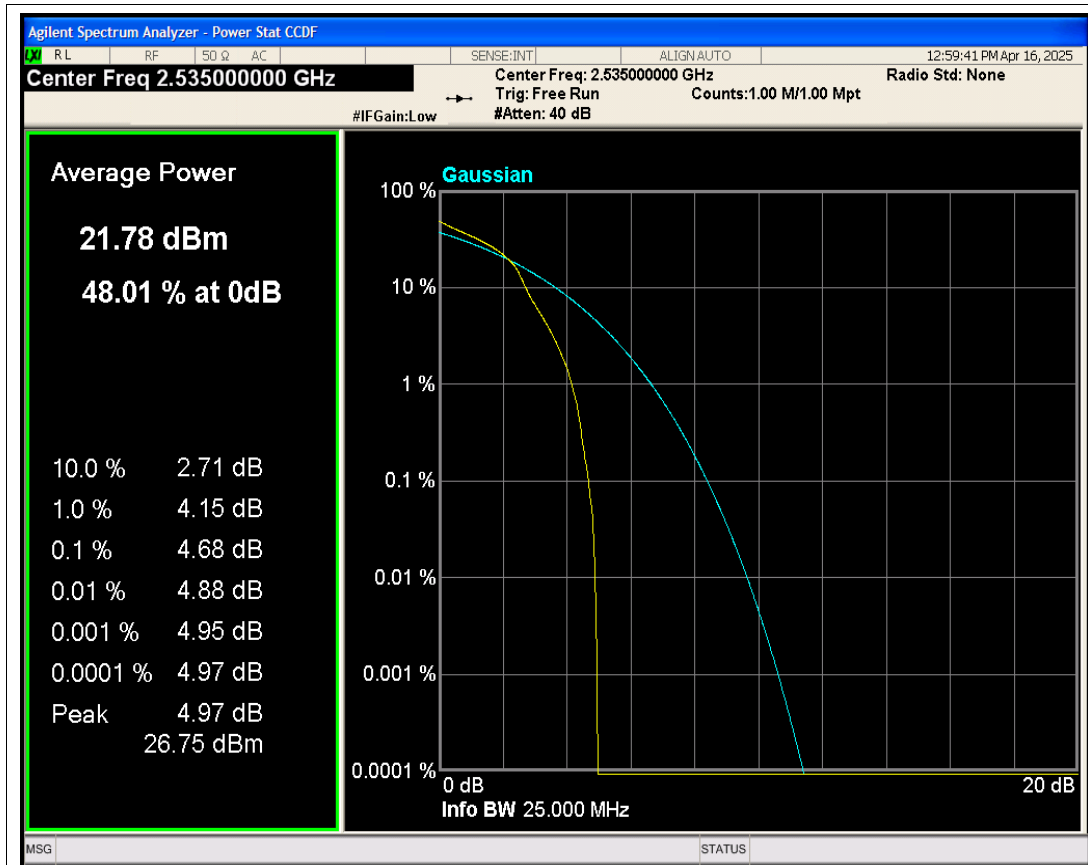




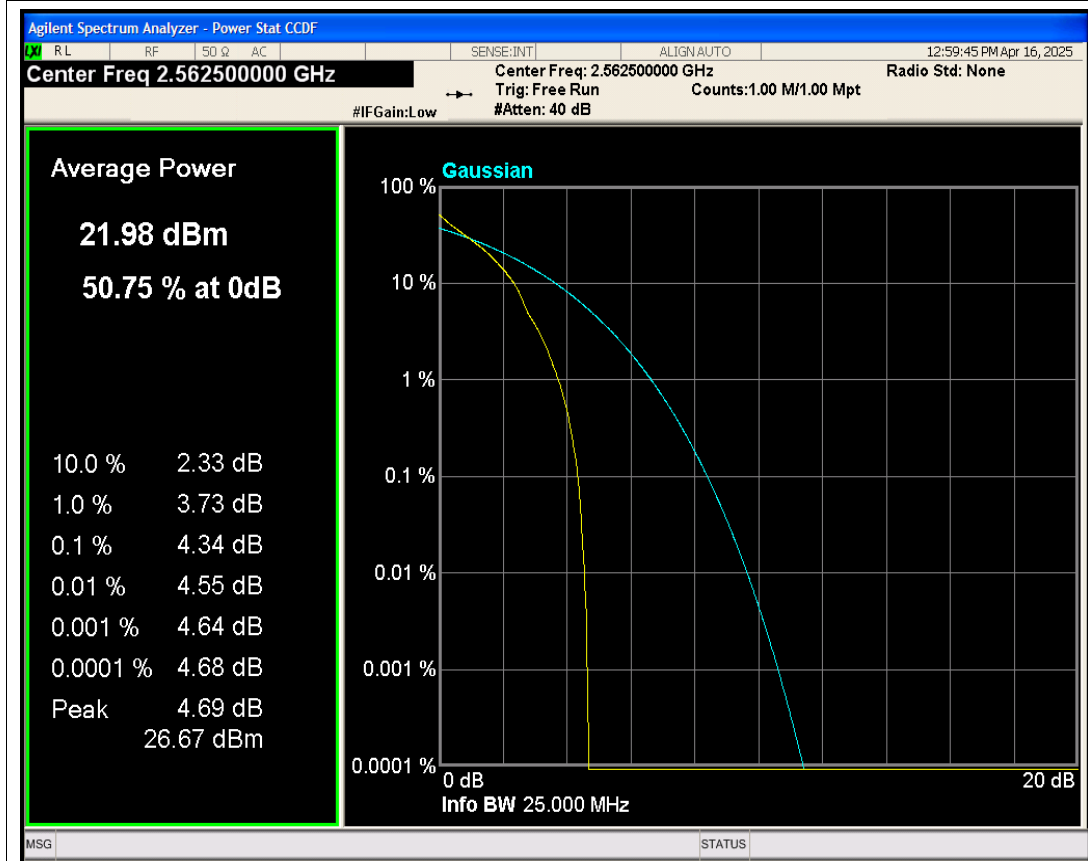
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT

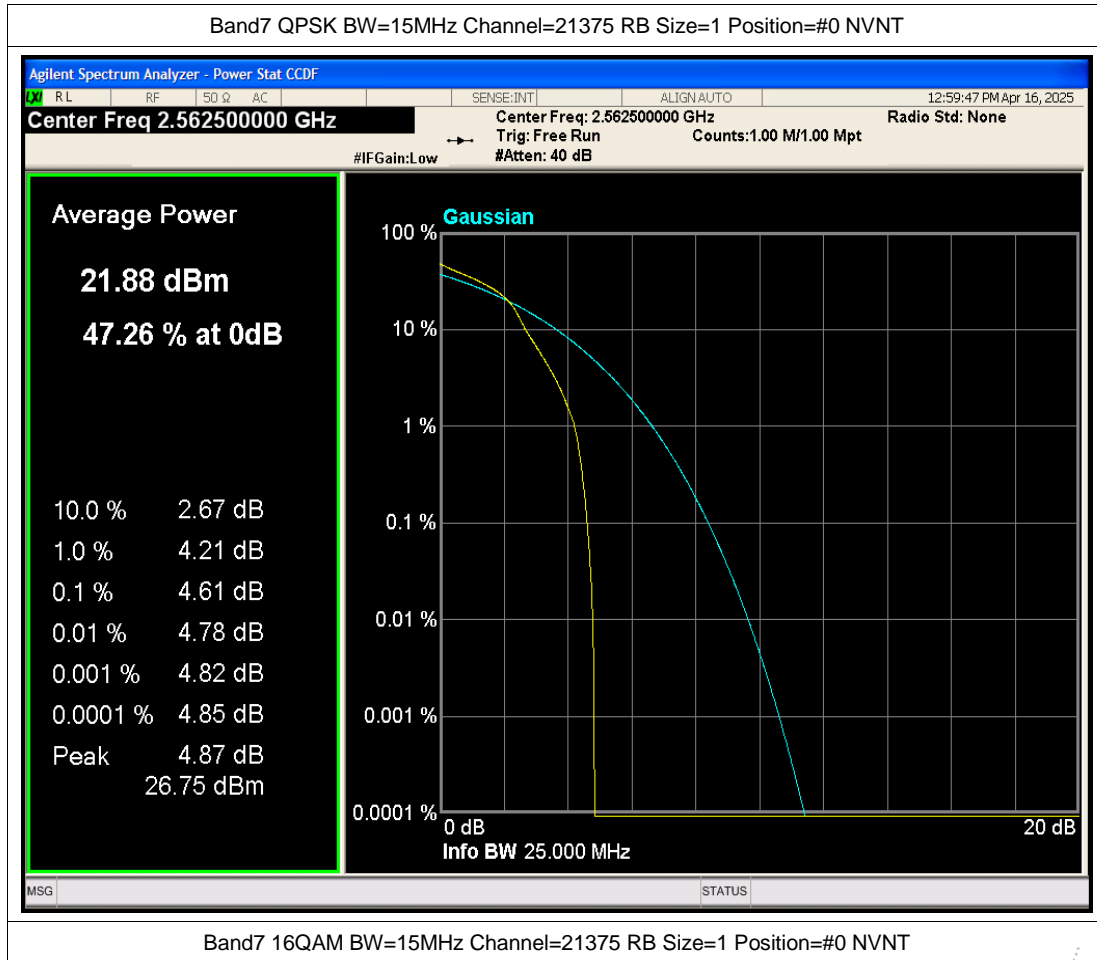


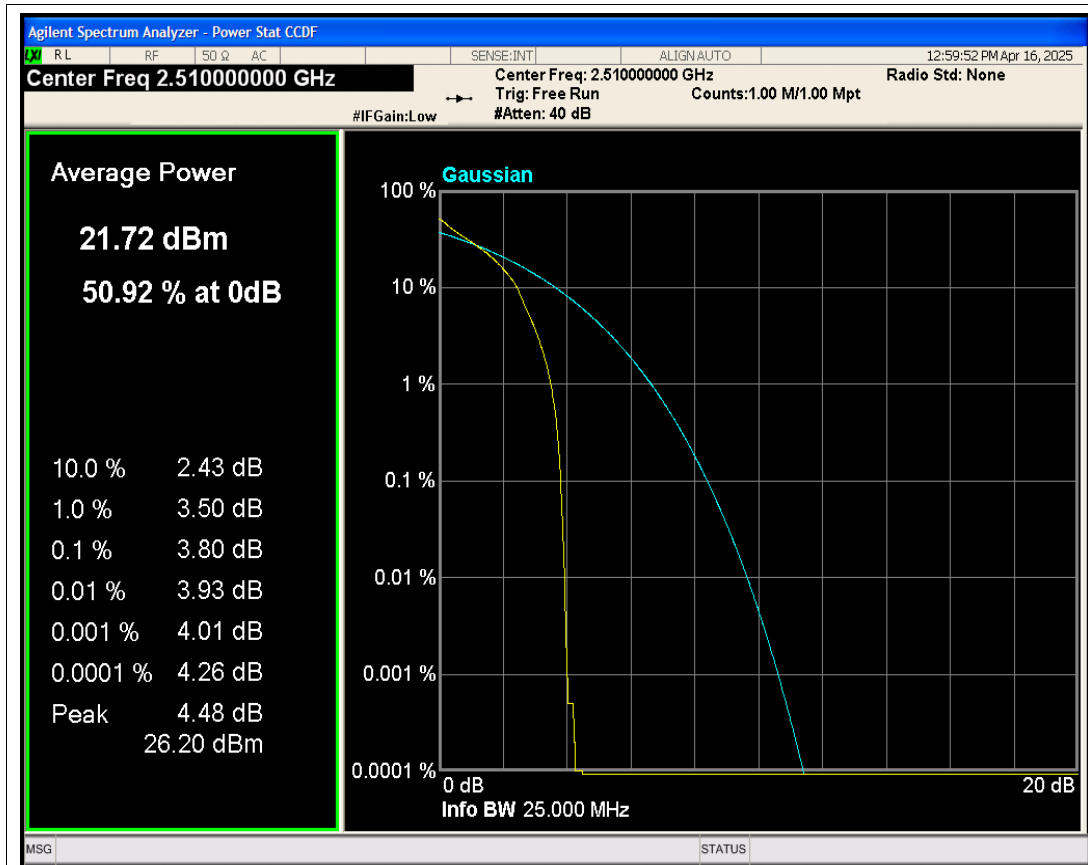




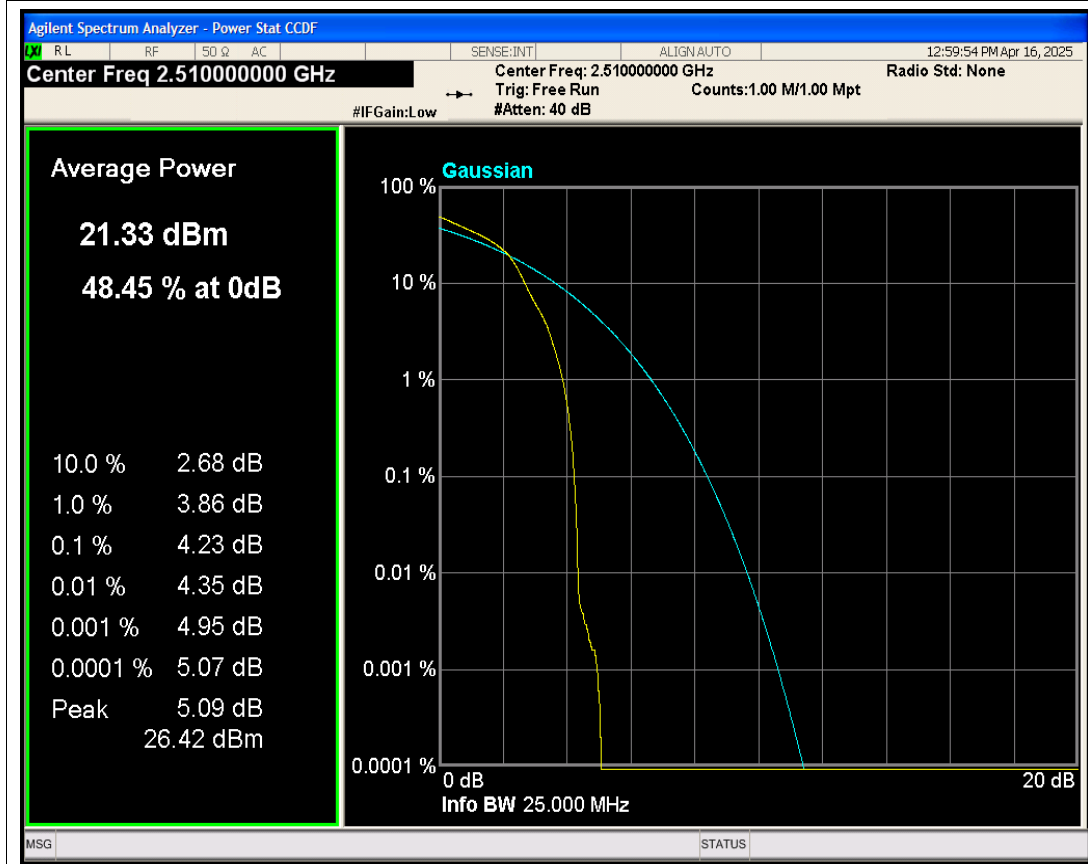
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT

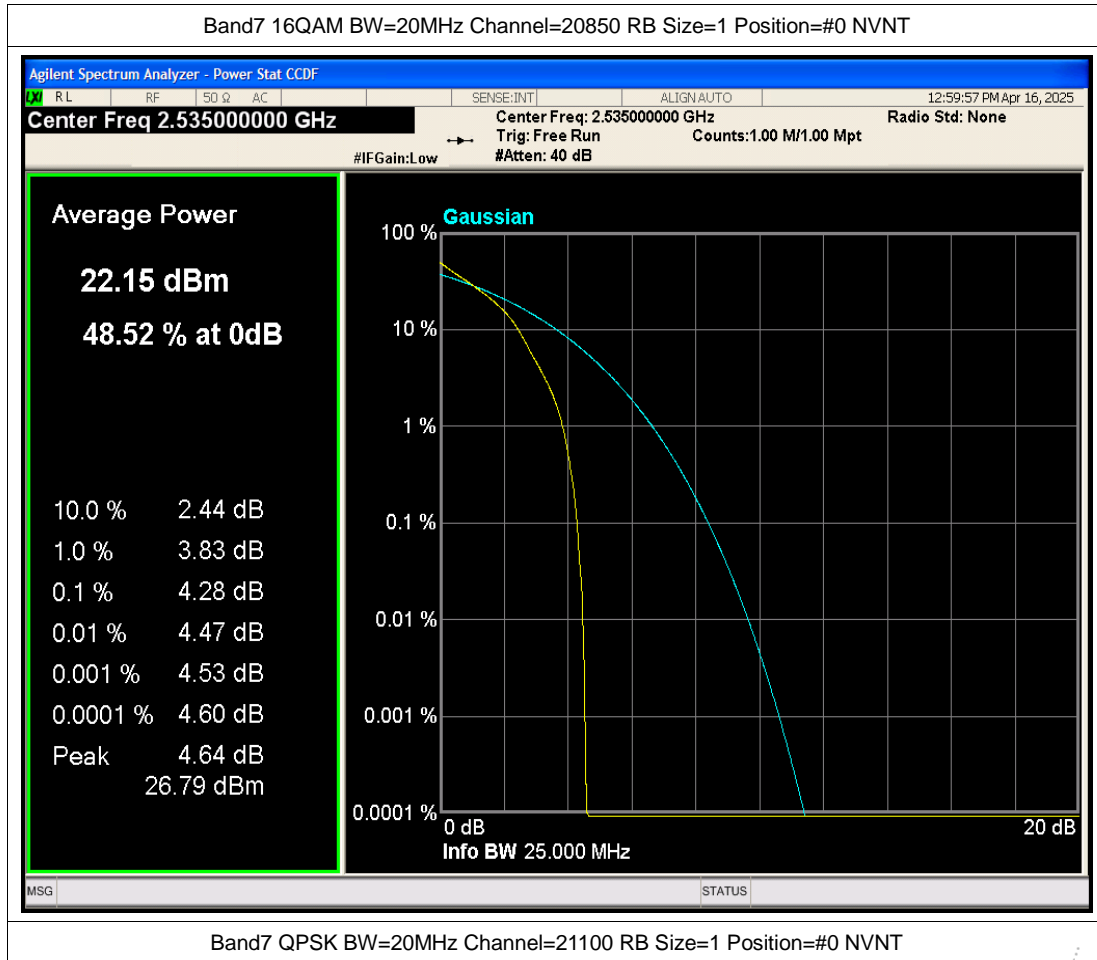


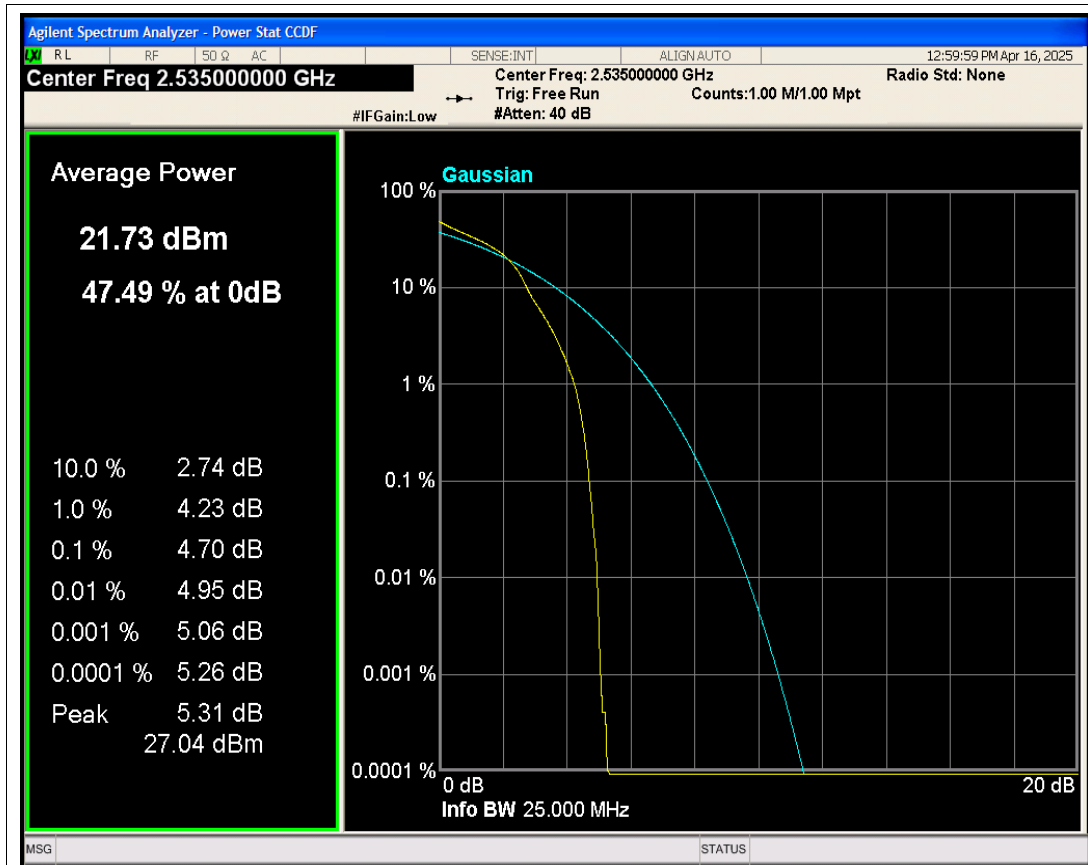




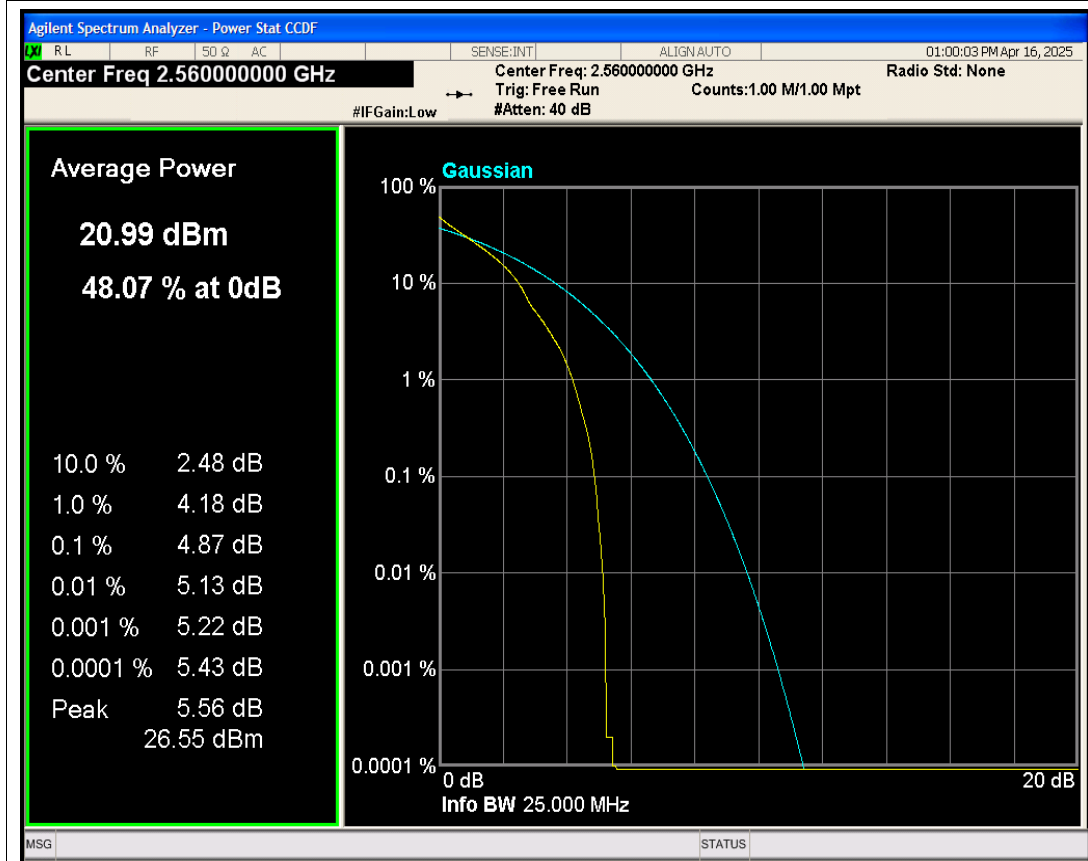
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT



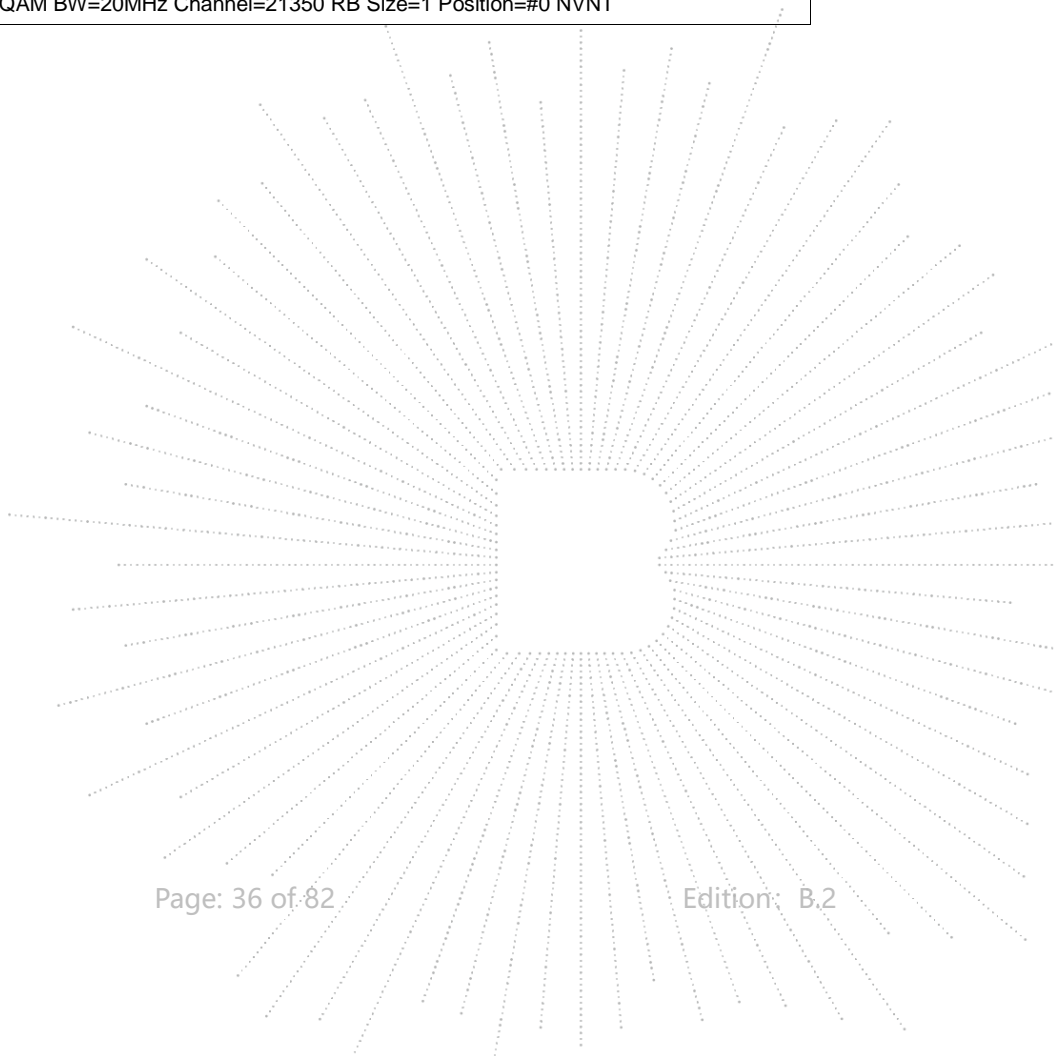
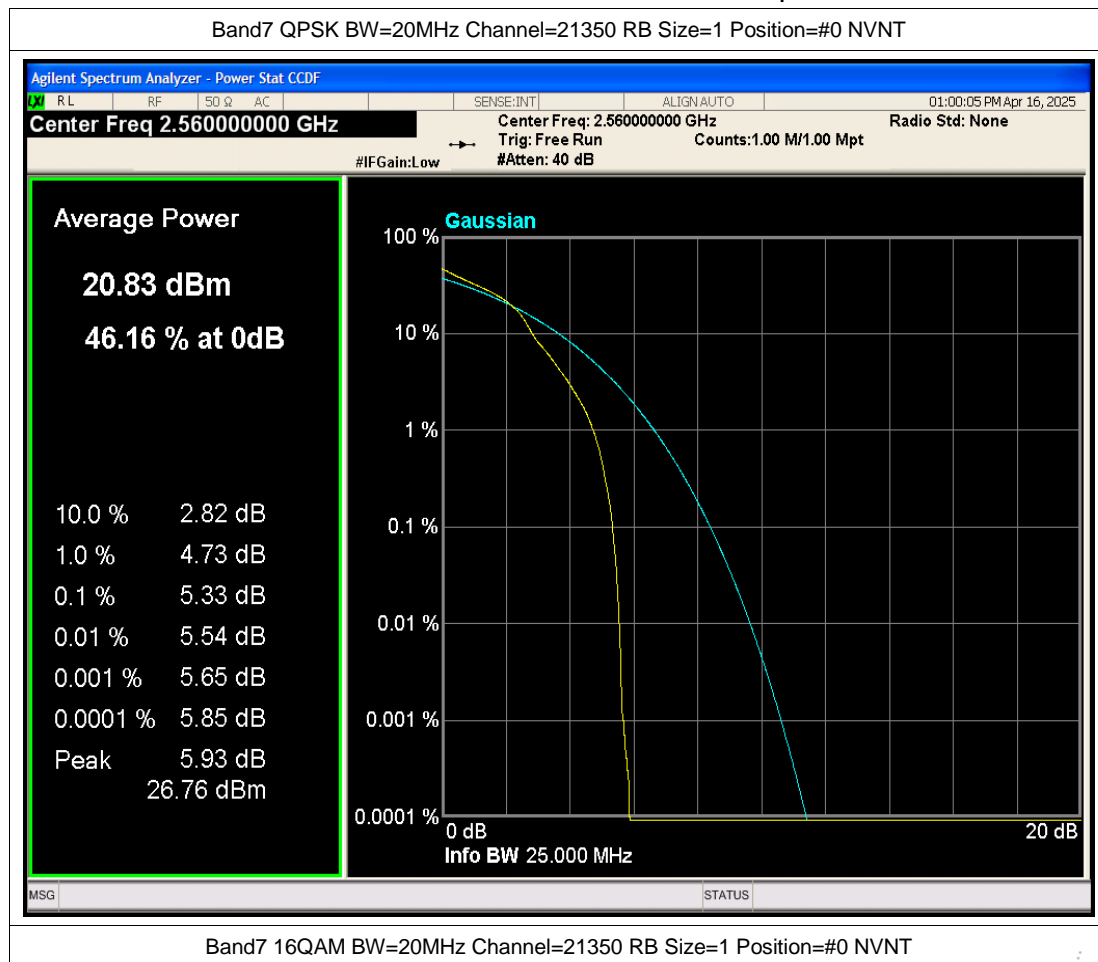




Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0 NVNT

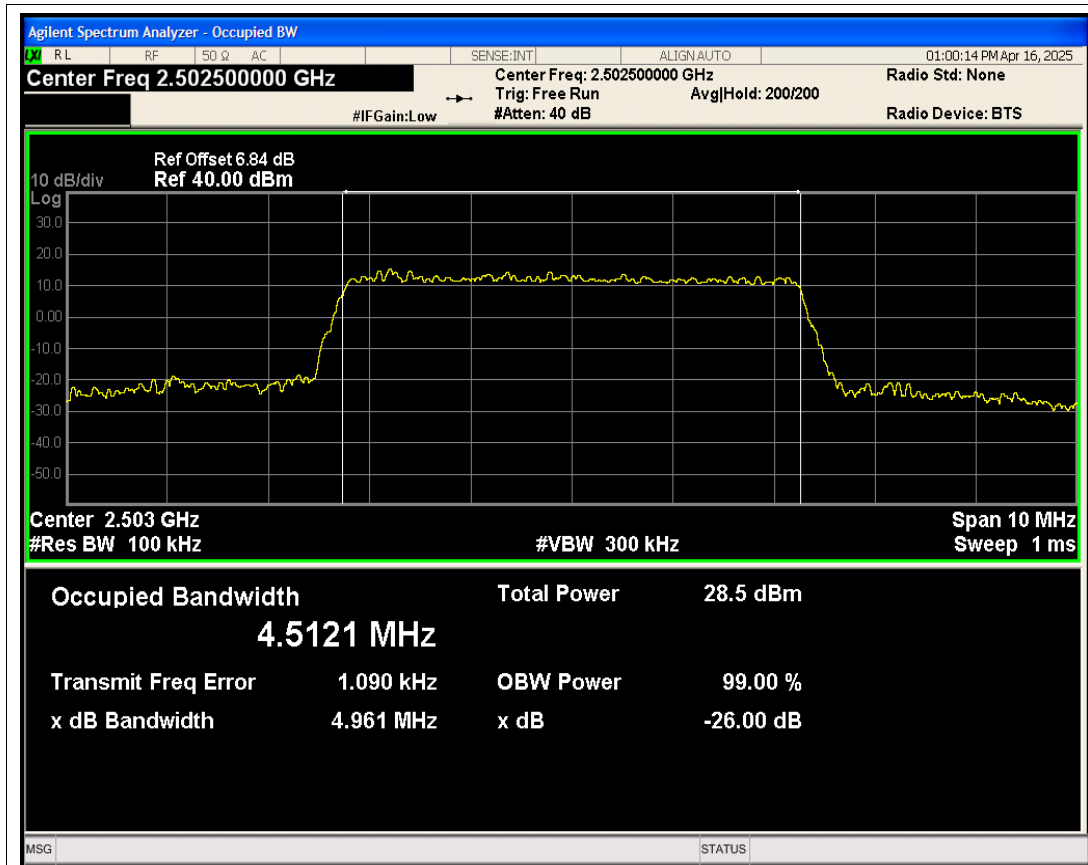




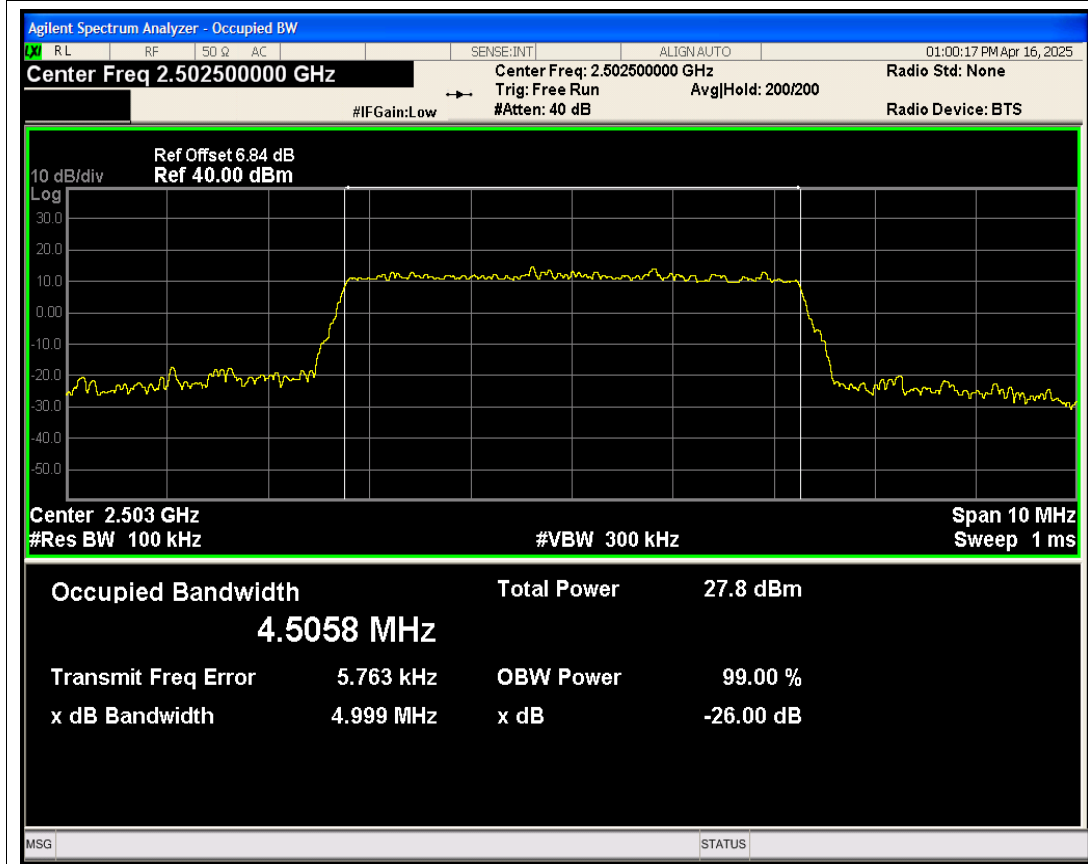


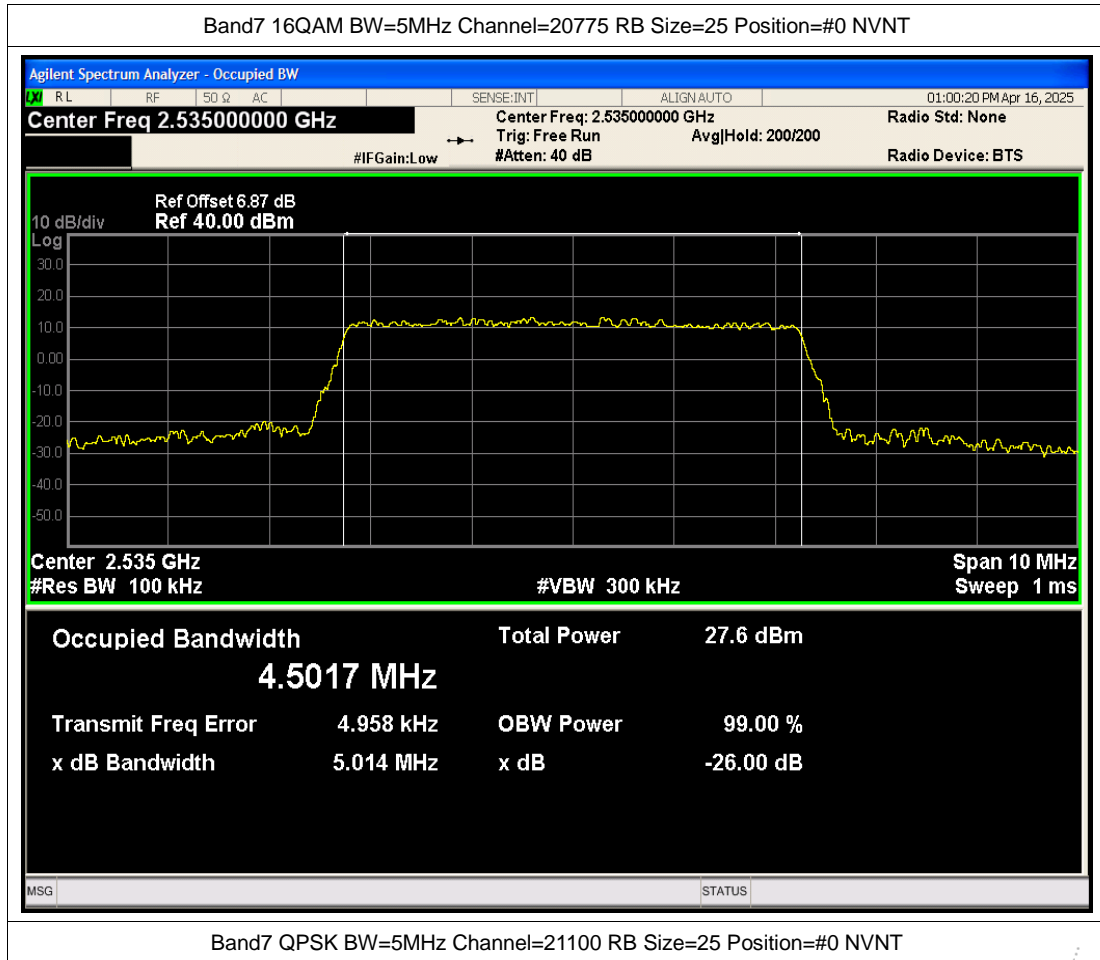
## Appendix 4.Occupied bandwidth

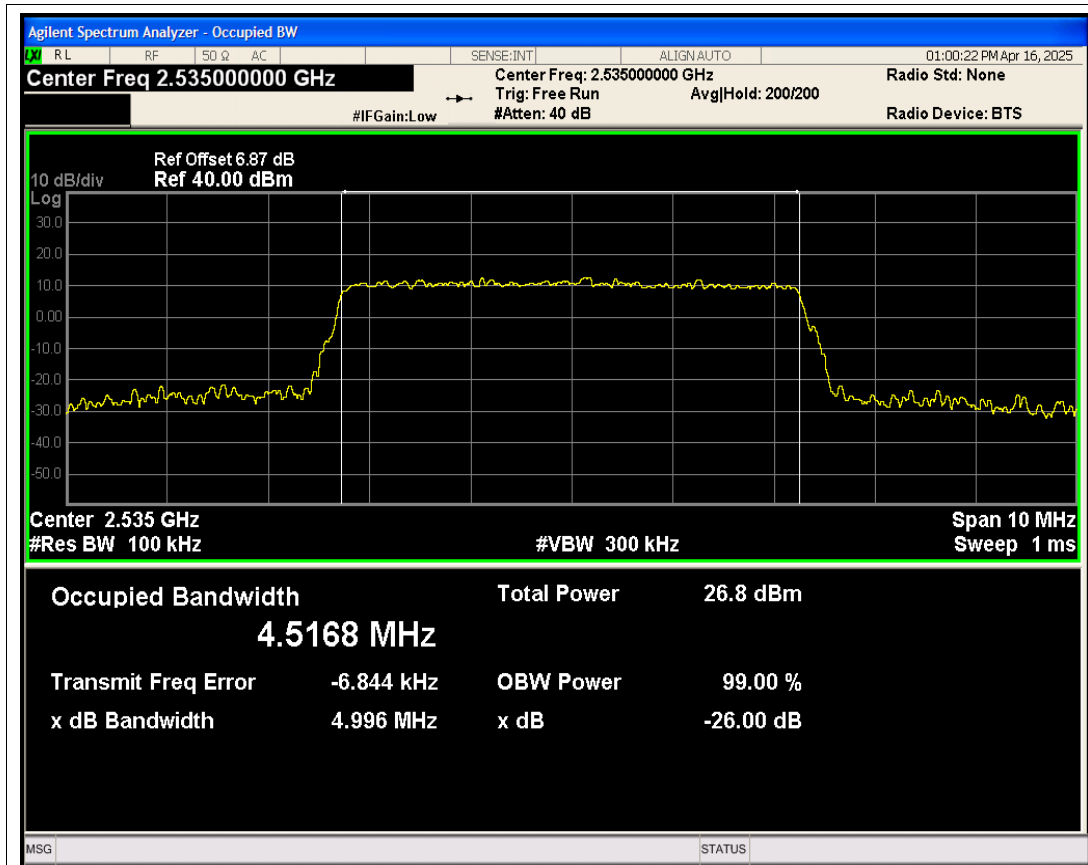
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	4.512	4.961	PASS
NVNT	Band7	5	20775	25	#0	16QAM	4.506	4.999	PASS
NVNT	Band7	5	21100	25	#0	QPSK	4.502	5.014	PASS
NVNT	Band7	5	21100	25	#0	16QAM	4.517	4.996	PASS
NVNT	Band7	5	21425	25	#0	QPSK	4.514	4.987	PASS
NVNT	Band7	5	21425	25	#0	16QAM	4.529	4.933	PASS
NVNT	Band7	10	20800	50	#0	QPSK	9.014	9.930	PASS
NVNT	Band7	10	20800	50	#0	16QAM	9.012	9.843	PASS
NVNT	Band7	10	21100	50	#0	QPSK	8.997	9.740	PASS
NVNT	Band7	10	21100	50	#0	16QAM	8.972	9.846	PASS
NVNT	Band7	10	21400	50	#0	QPSK	8.983	9.888	PASS
NVNT	Band7	10	21400	50	#0	16QAM	9.001	9.879	PASS
NVNT	Band7	15	20825	75	#0	QPSK	13.492	14.843	PASS
NVNT	Band7	15	20825	75	#0	16QAM	13.475	14.677	PASS
NVNT	Band7	15	21100	75	#0	QPSK	13.422	14.726	PASS
NVNT	Band7	15	21100	75	#0	16QAM	13.419	14.816	PASS
NVNT	Band7	15	21375	75	#0	QPSK	13.501	14.820	PASS
NVNT	Band7	15	21375	75	#0	16QAM	13.486	14.890	PASS
NVNT	Band7	20	20850	100	#0	QPSK	18.057	19.590	PASS
NVNT	Band7	20	20850	100	#0	16QAM	18.066	19.757	PASS
NVNT	Band7	20	21100	100	#0	QPSK	17.961	19.531	PASS
NVNT	Band7	20	21100	100	#0	16QAM	17.945	19.527	PASS
NVNT	Band7	20	21350	100	#0	QPSK	17.947	19.663	PASS
NVNT	Band7	20	21350	100	#0	16QAM	17.928	19.669	PASS



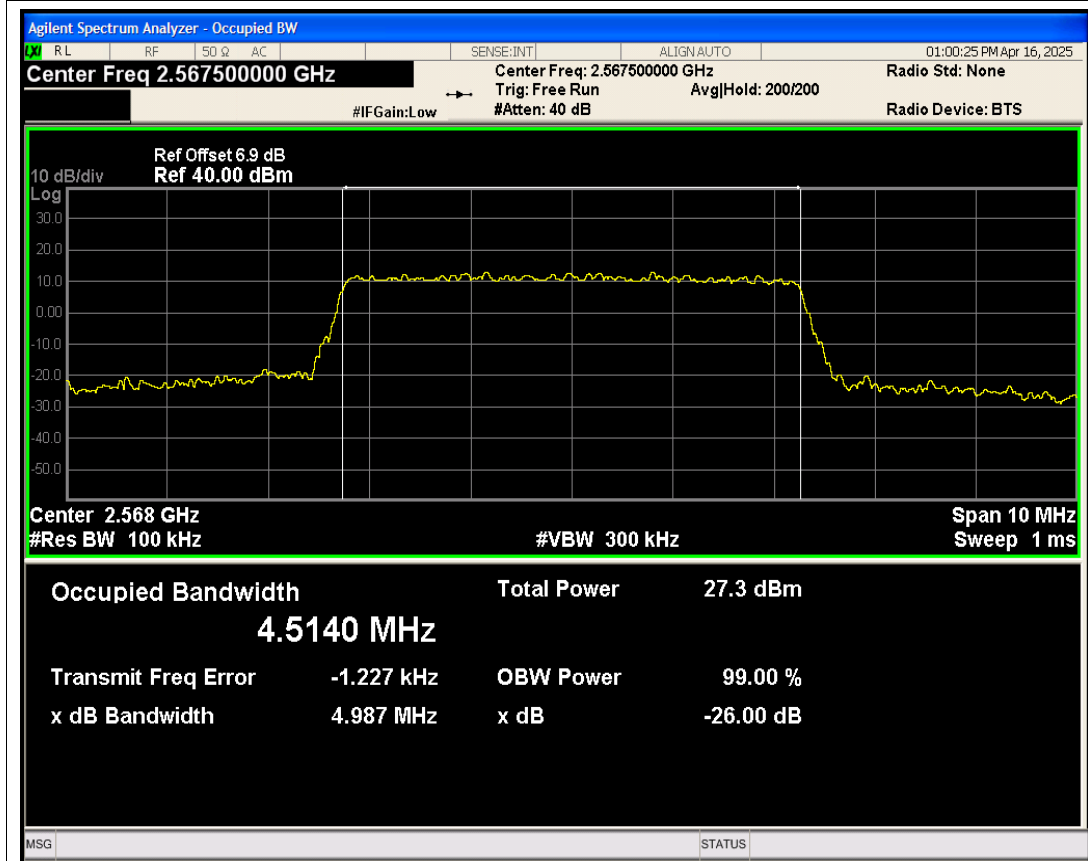
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

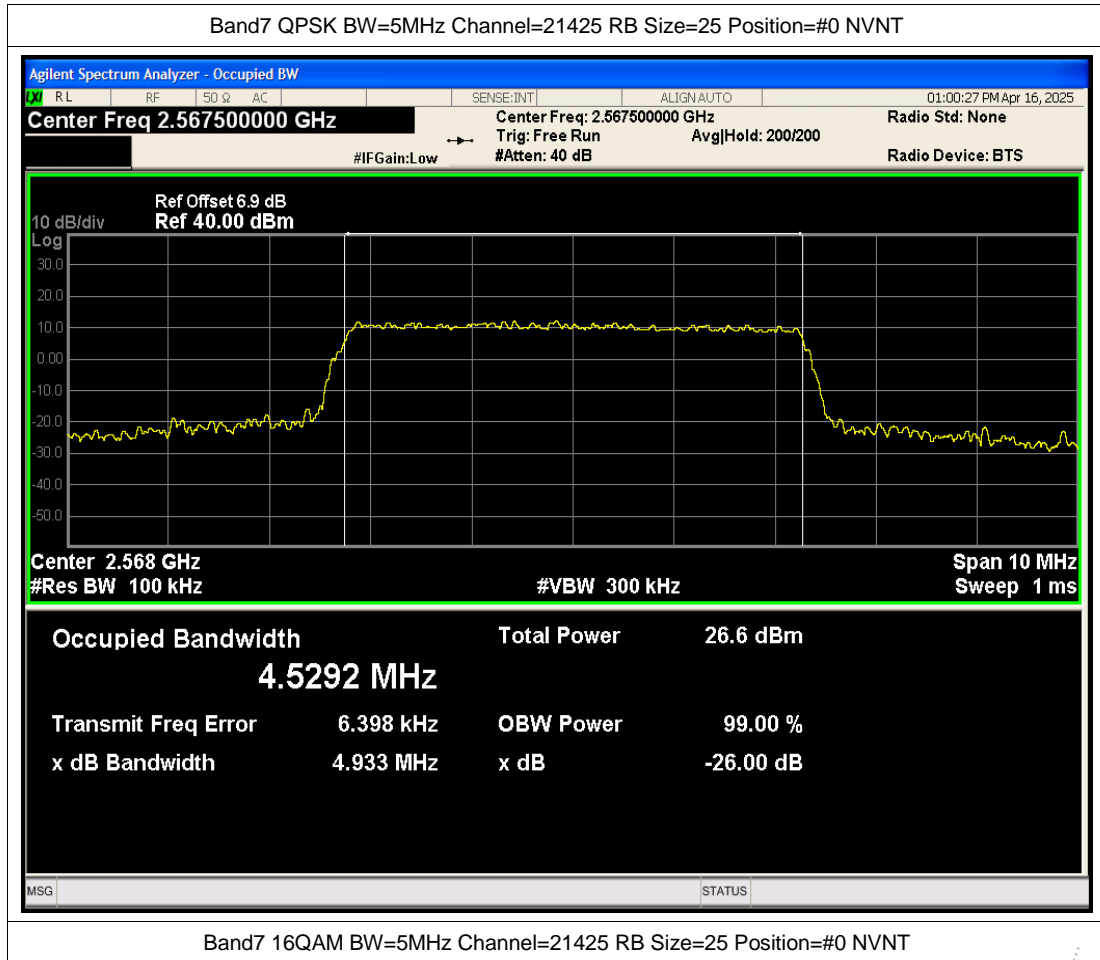


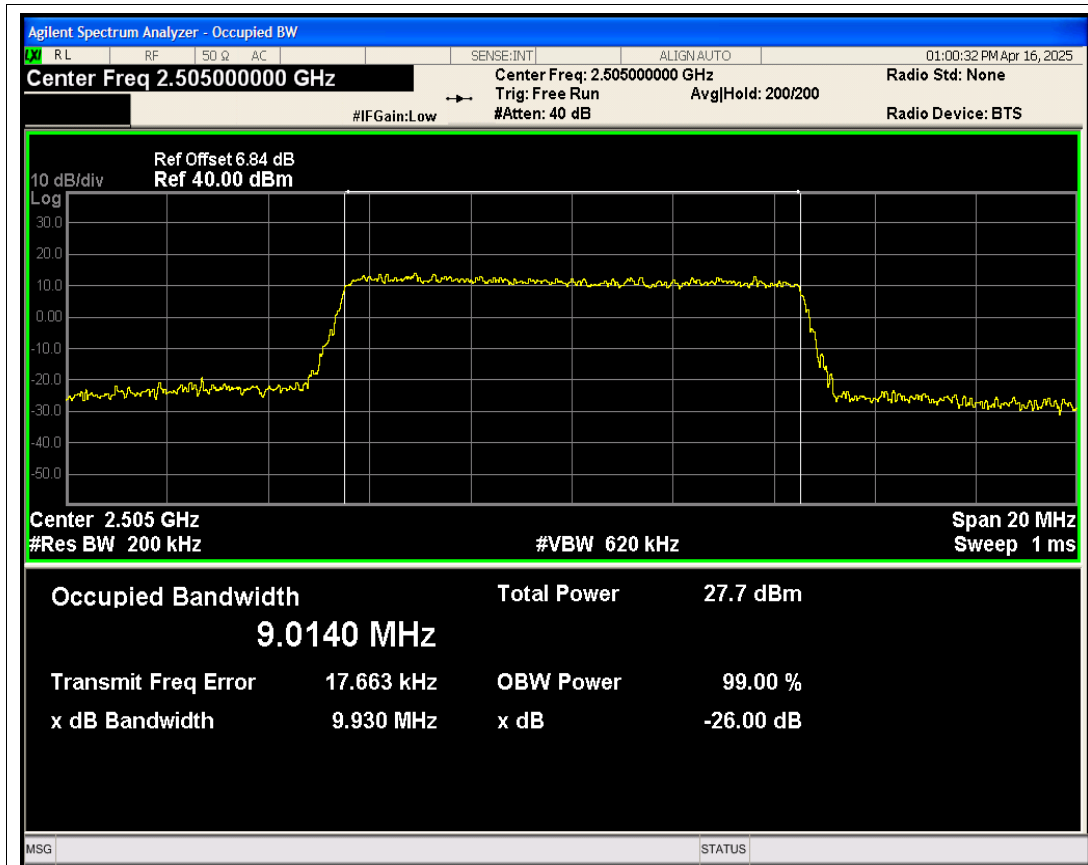




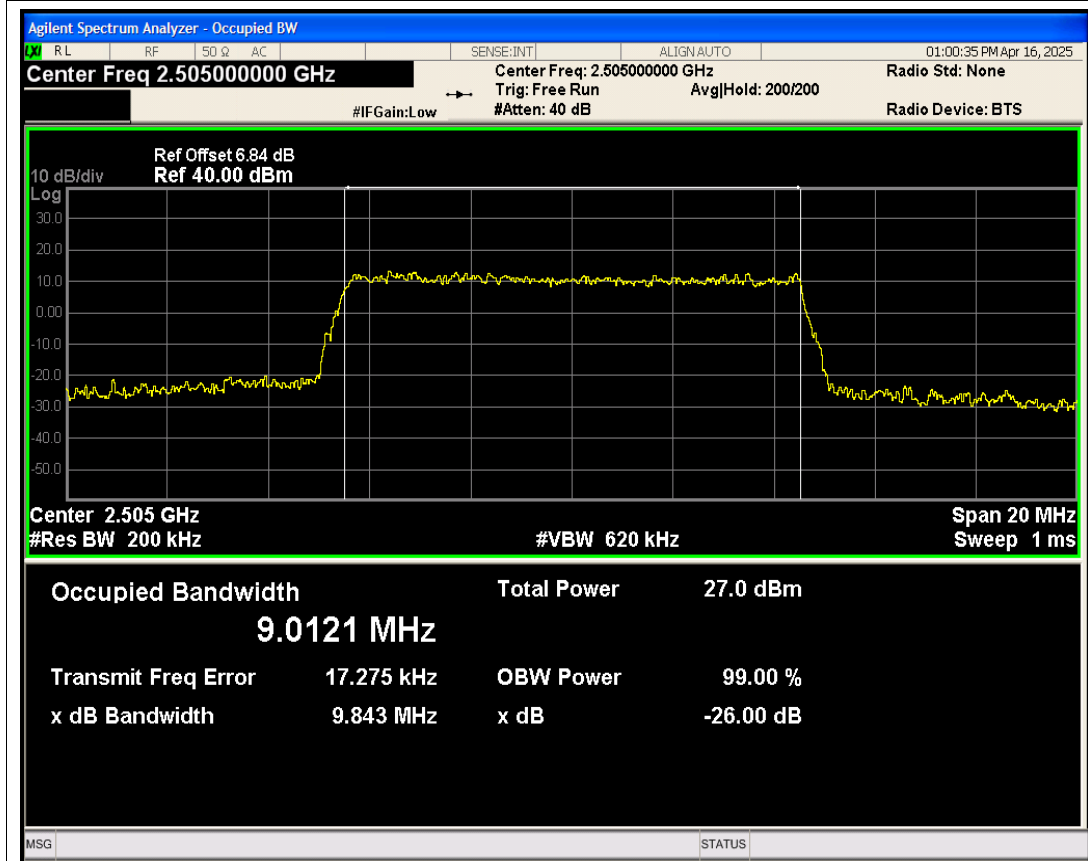
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT

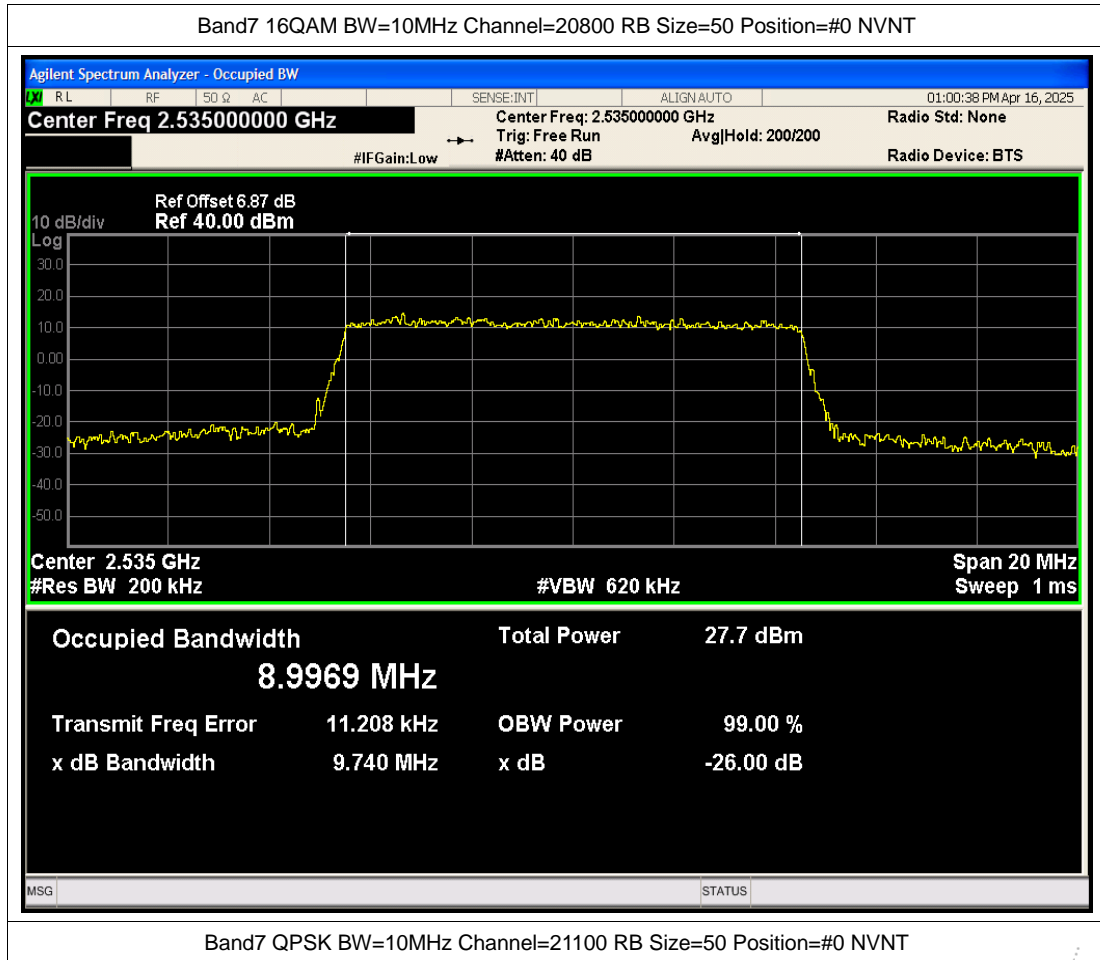




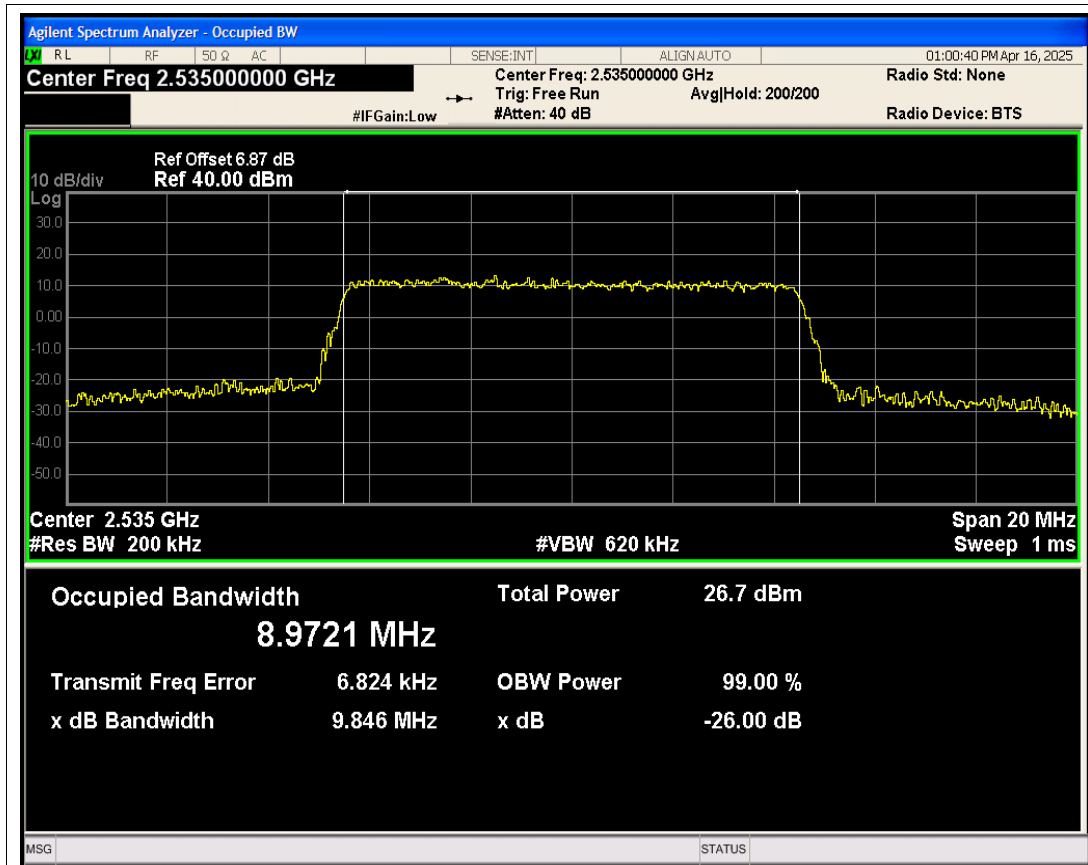


Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT

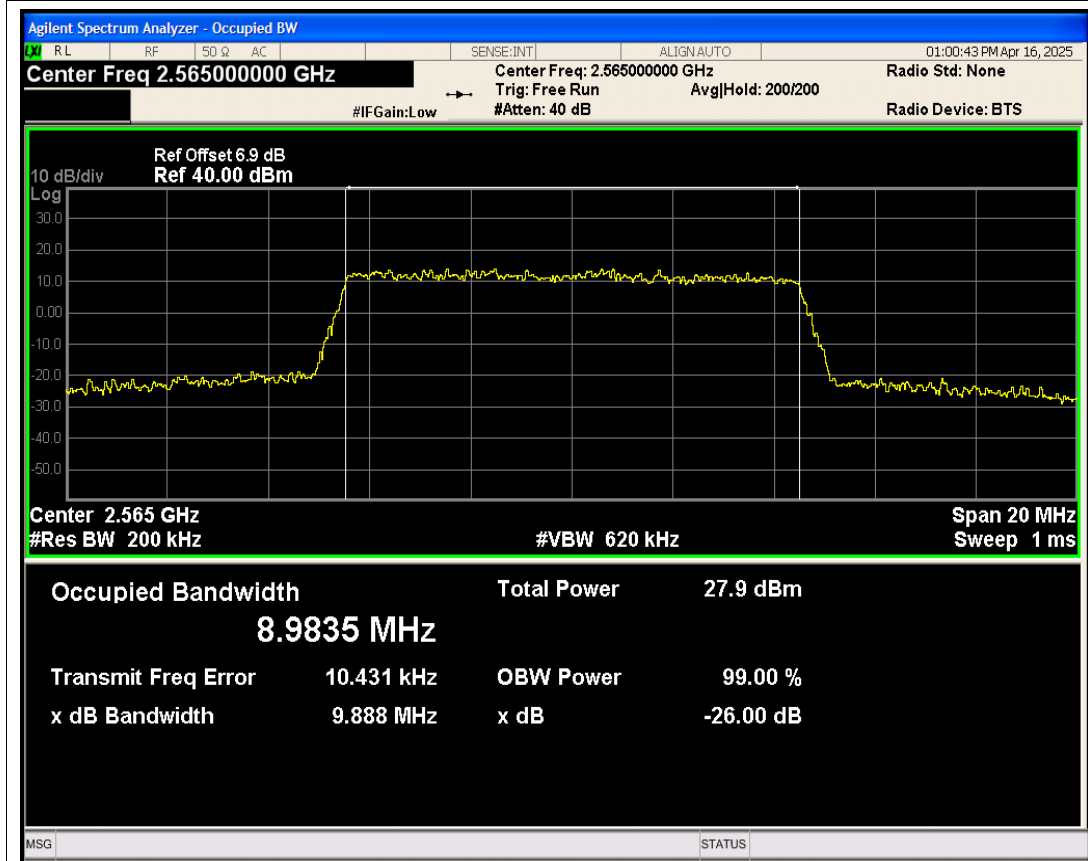


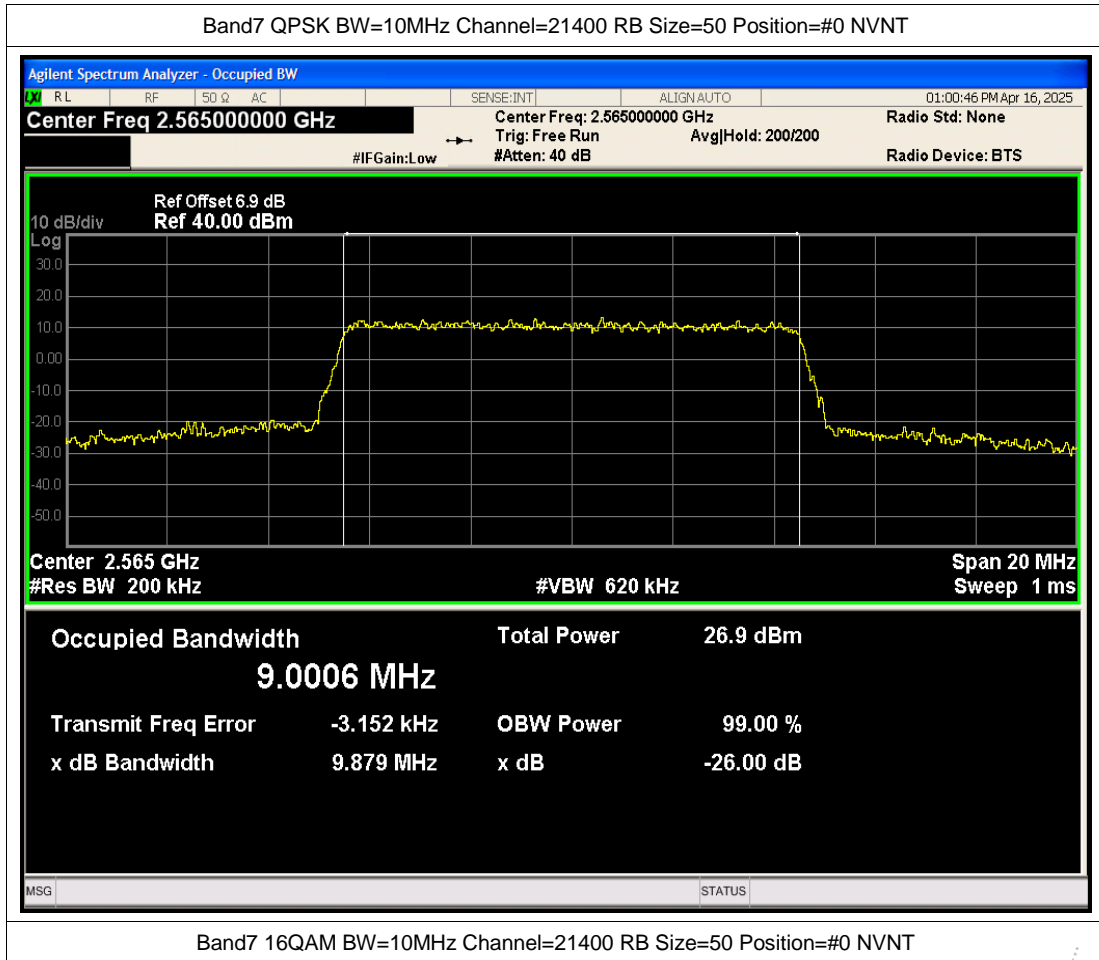


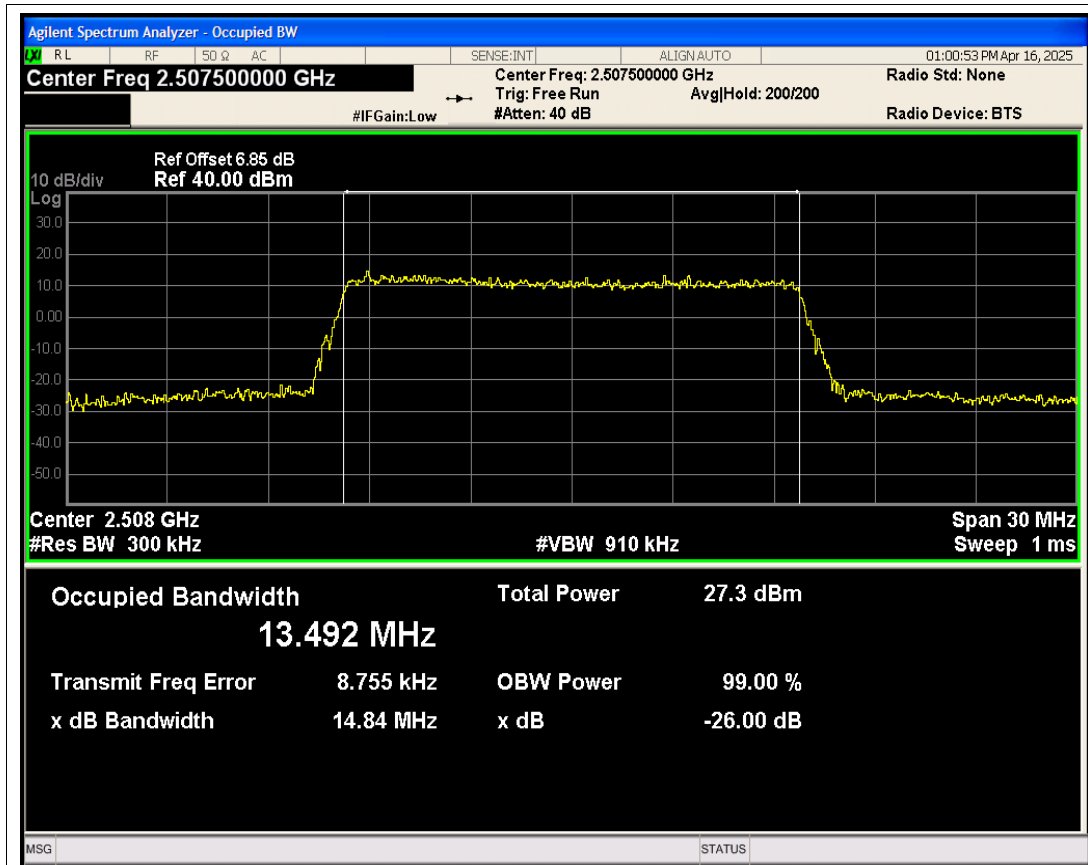




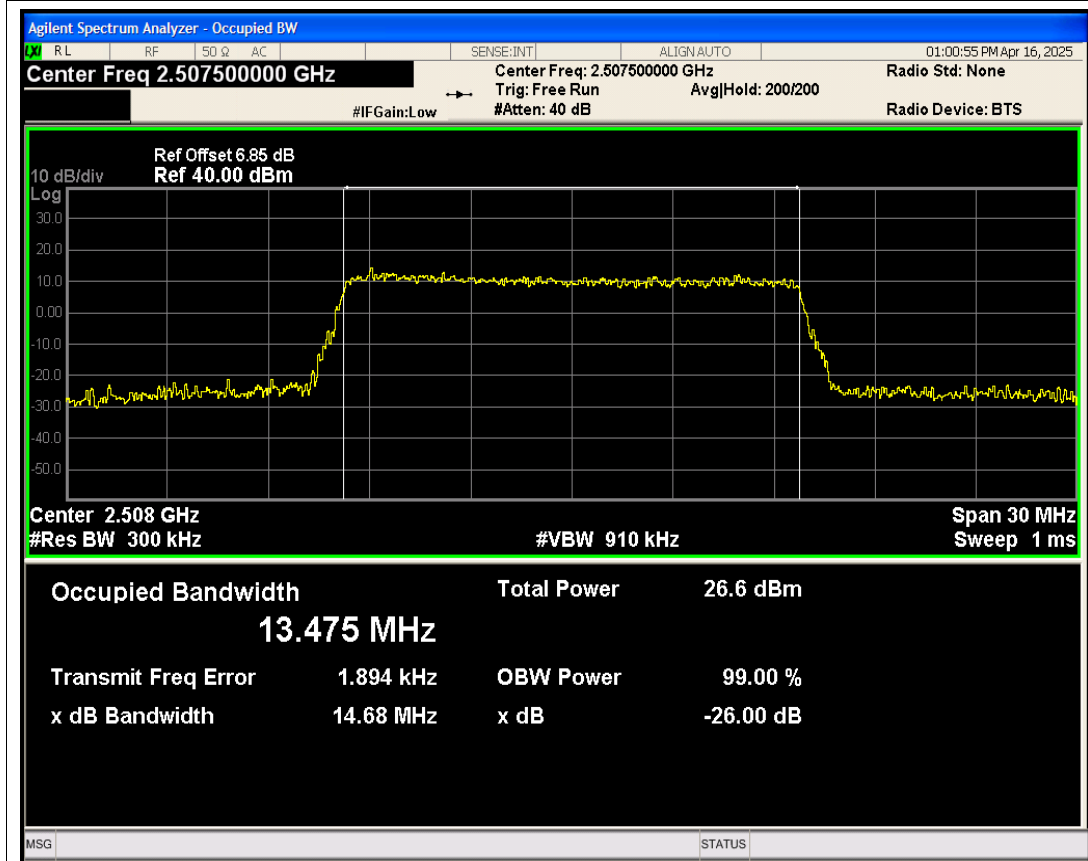
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT

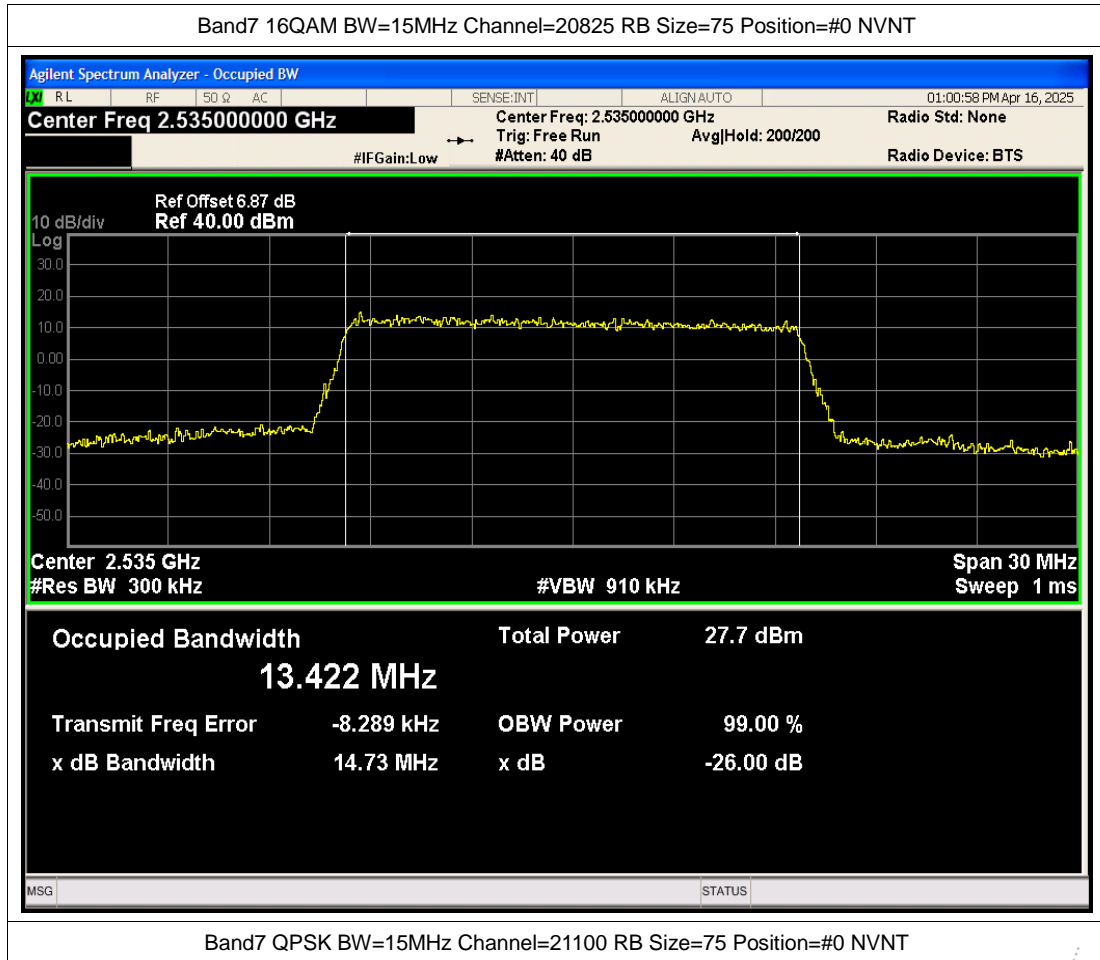


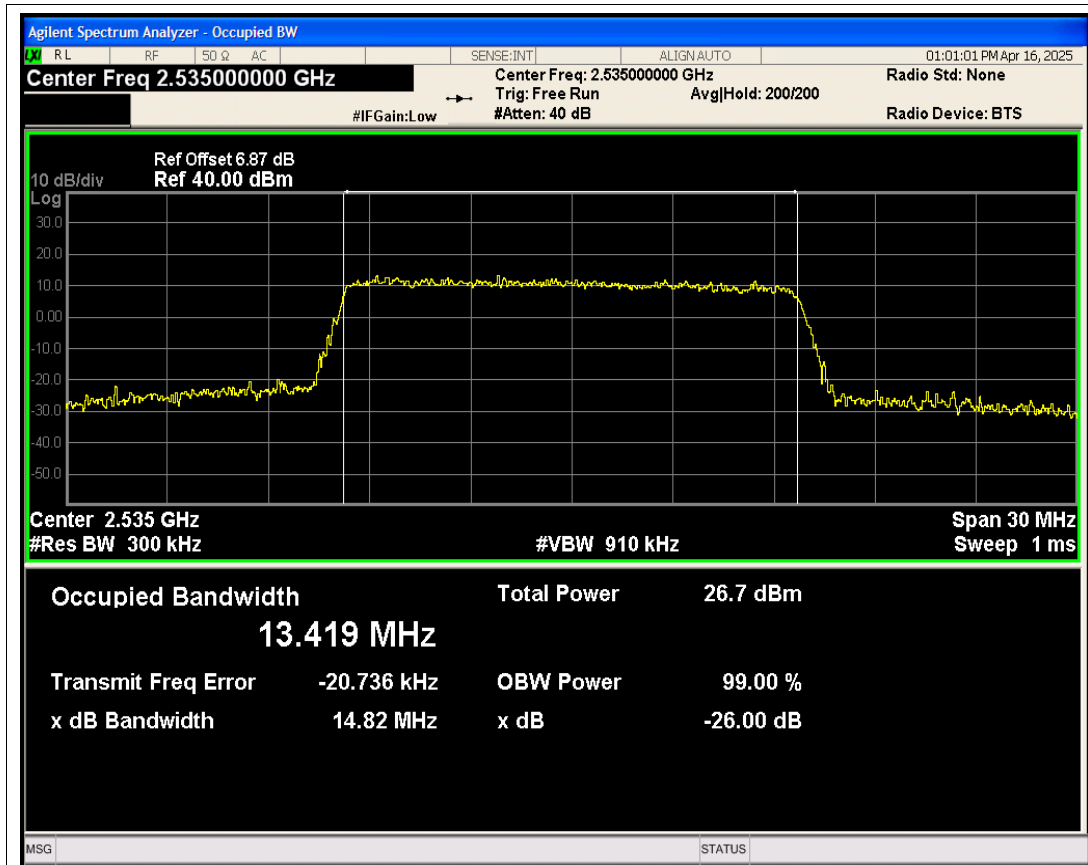




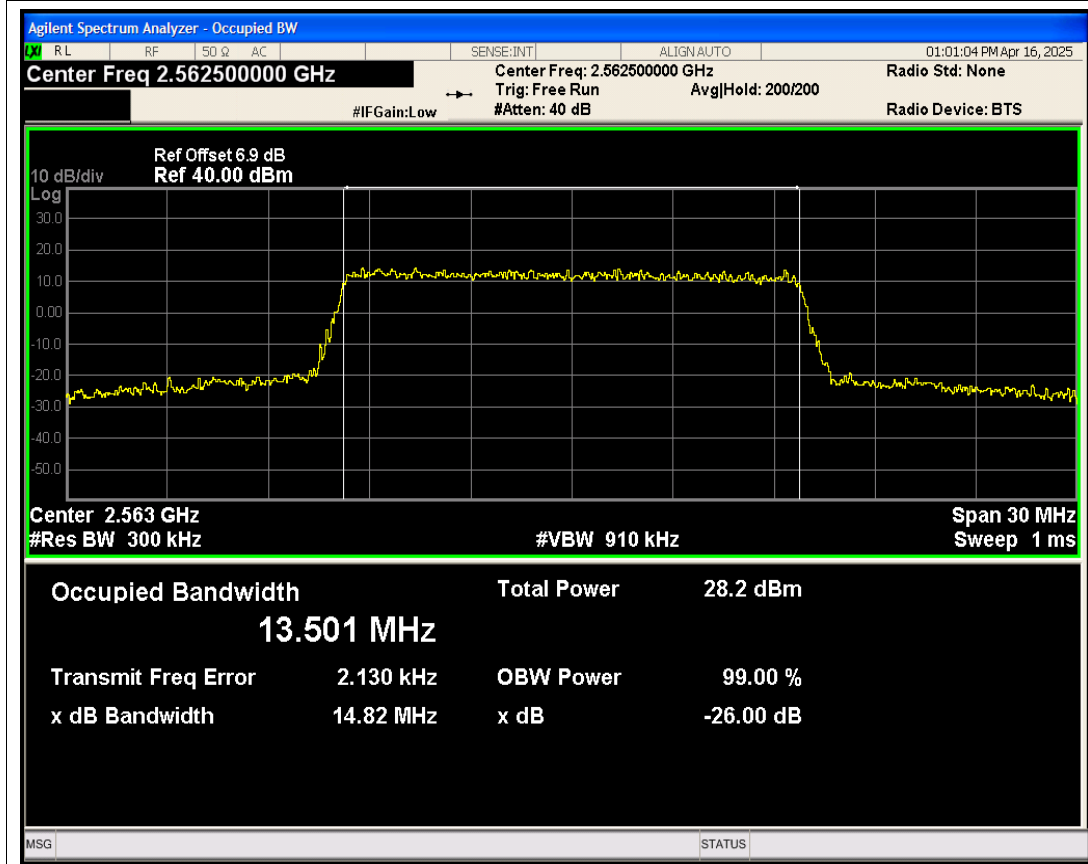
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

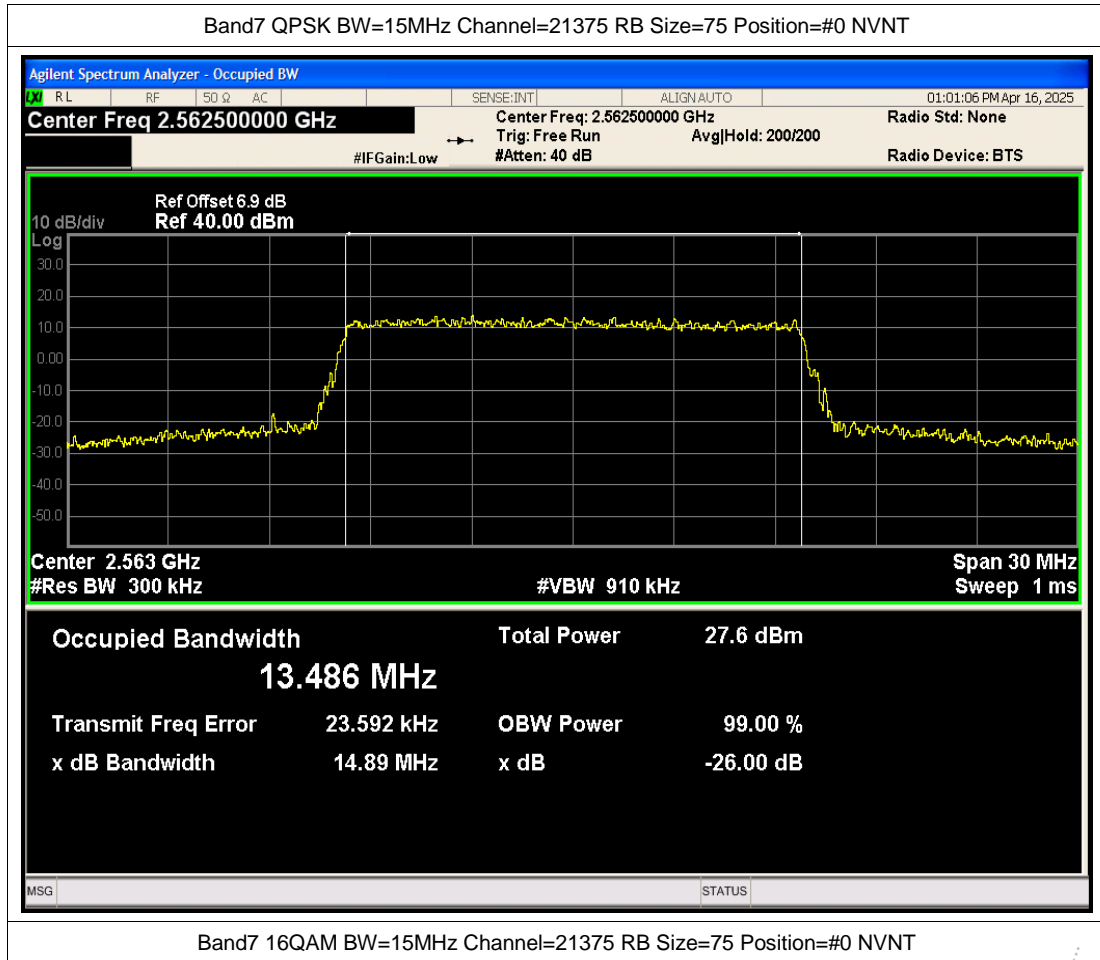


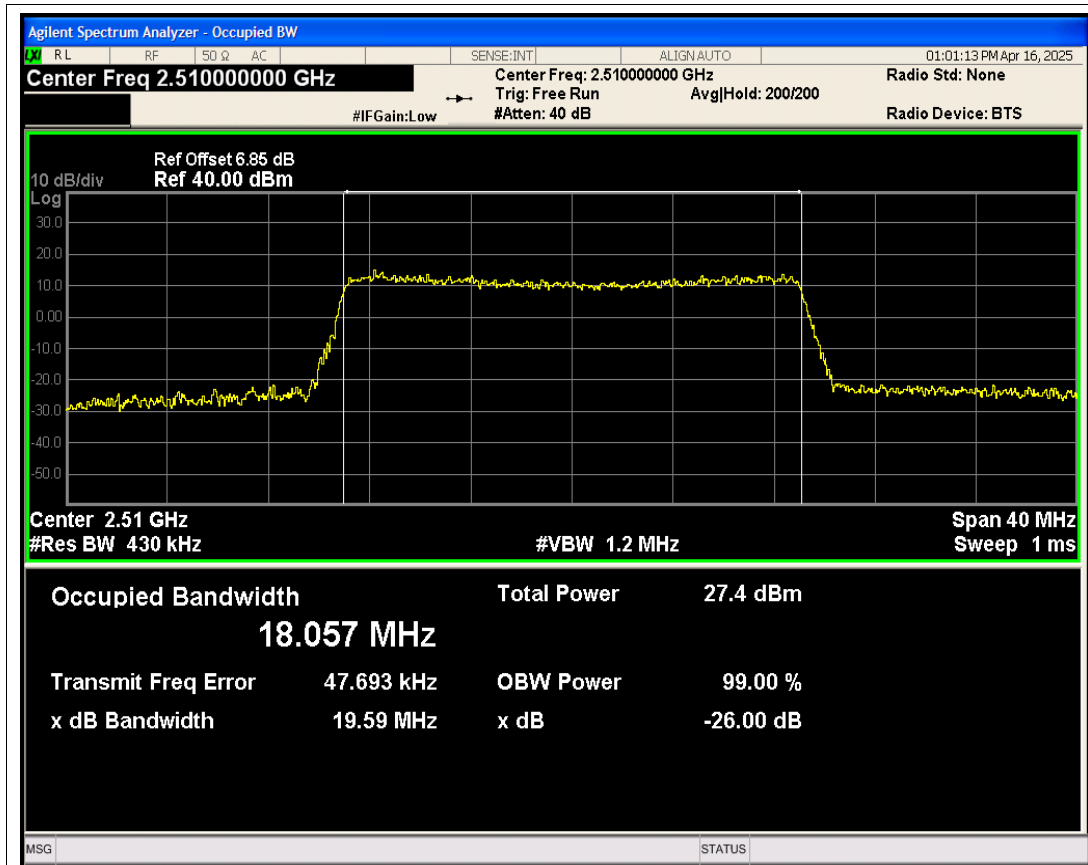




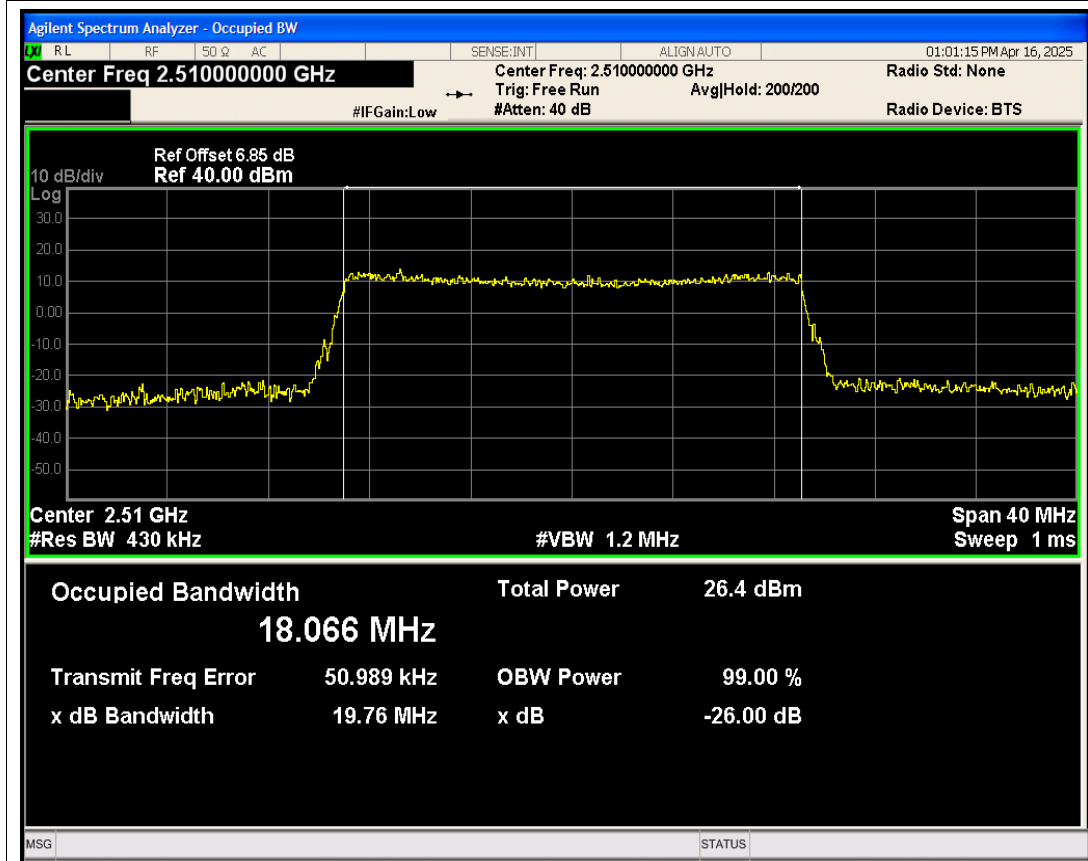
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT

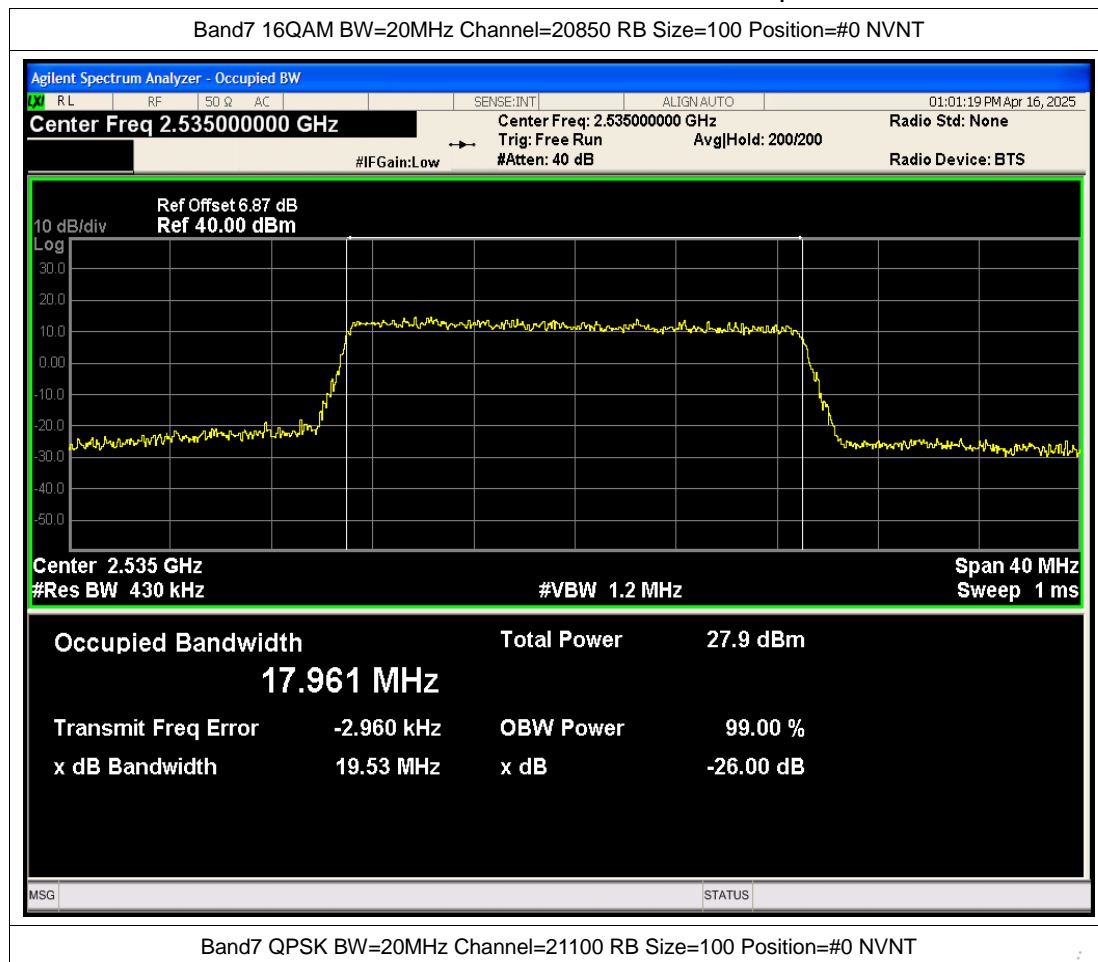




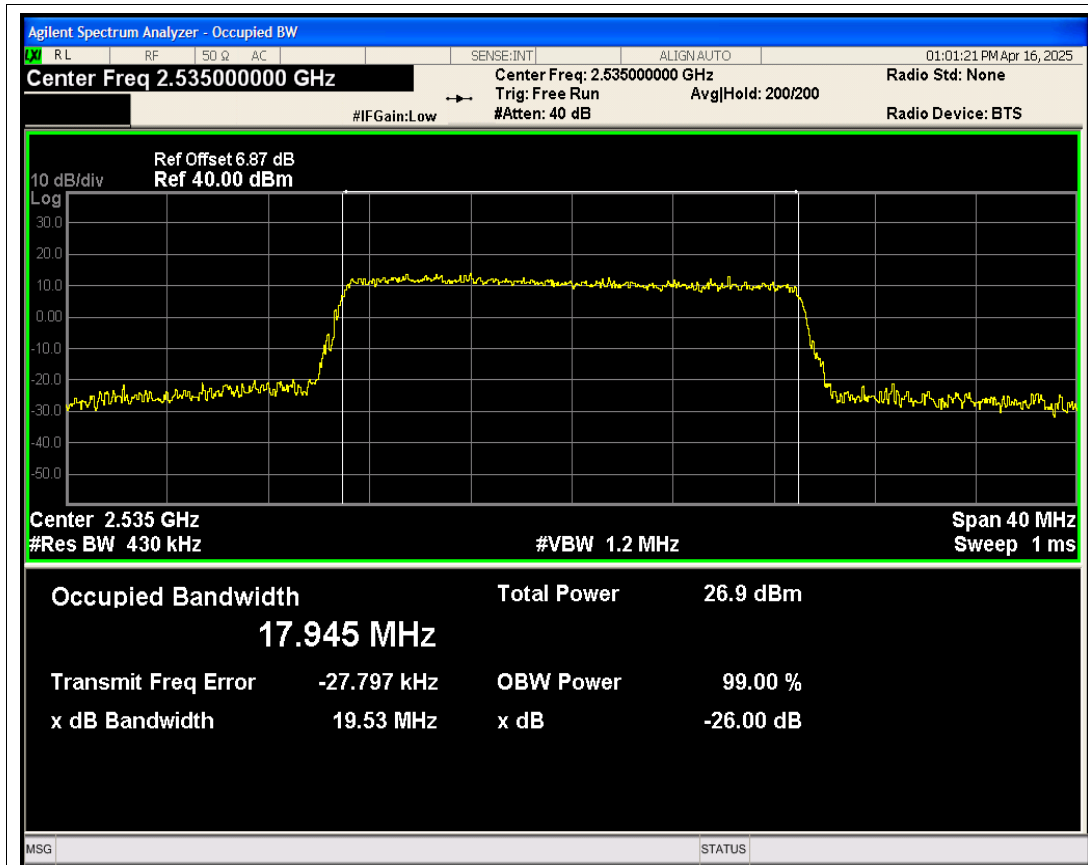


Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

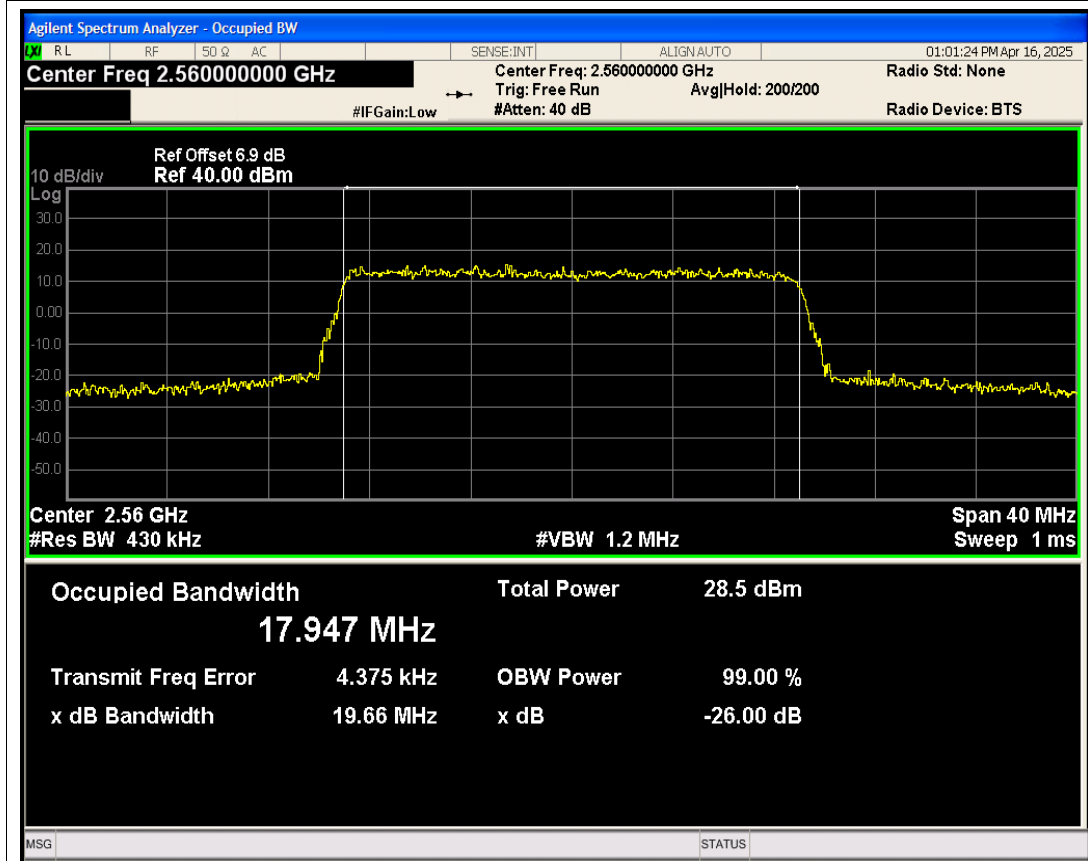


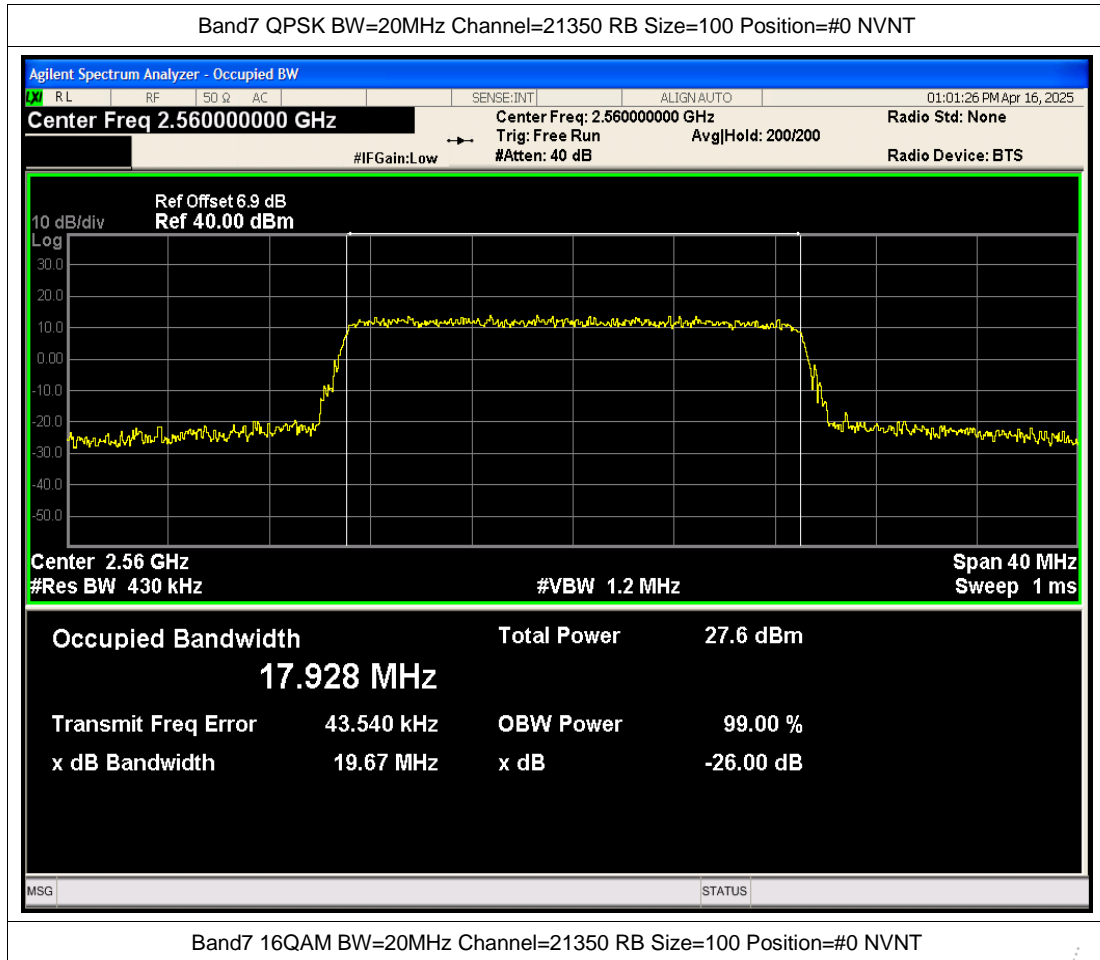






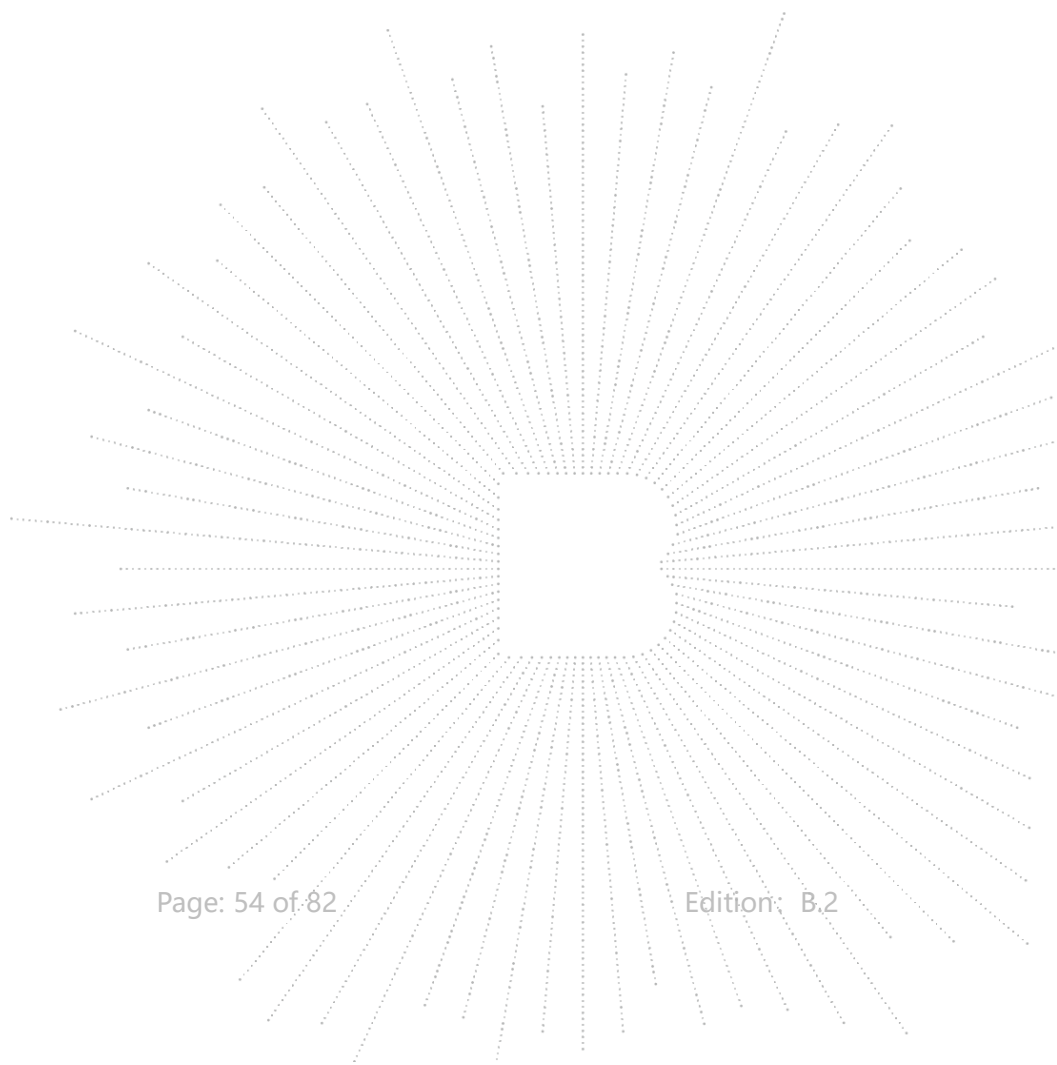
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT

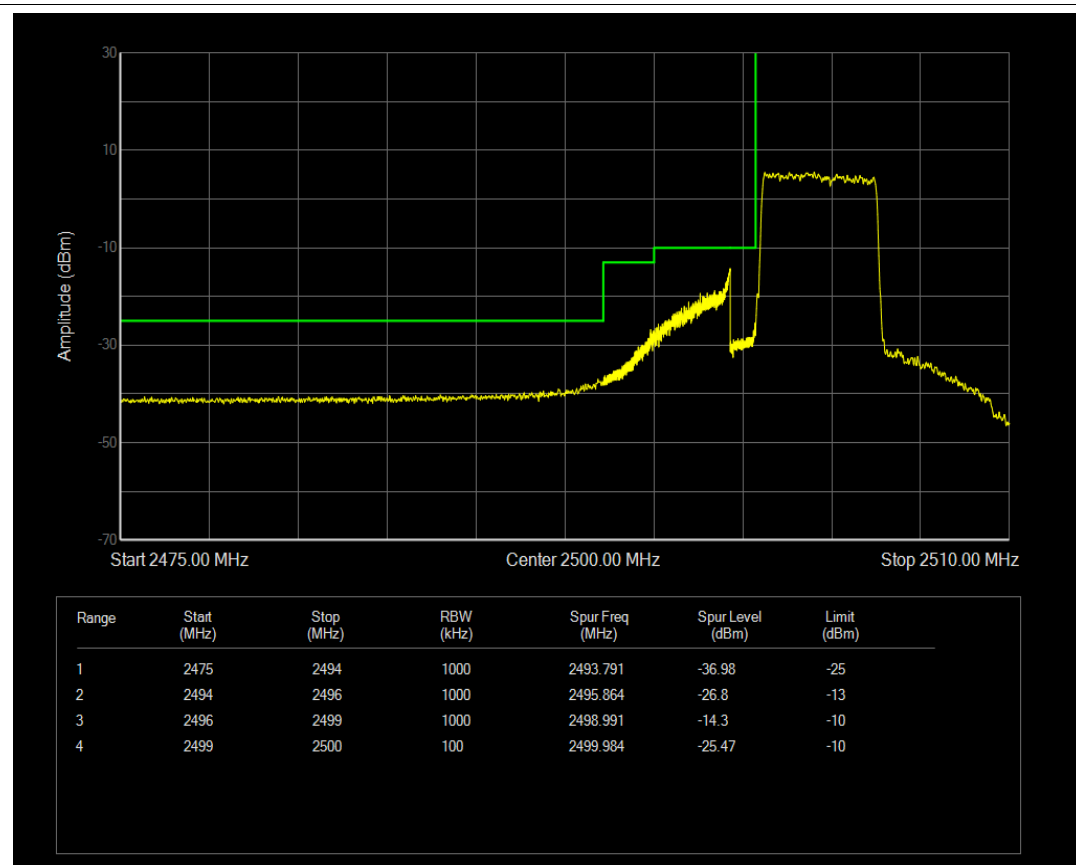




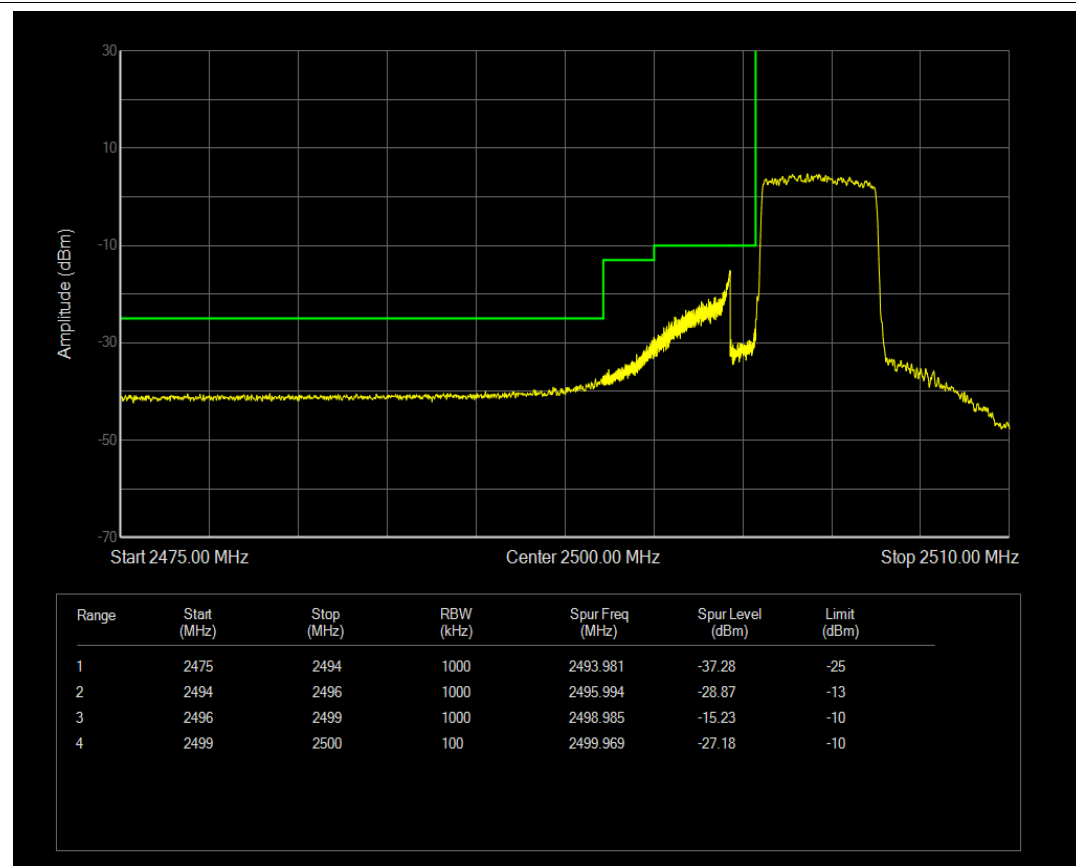
## Appendix 5.Band edge

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	2498.99	-14.30	-10	PASS
NVNT	Band7	5	20775	25	#0	16QAM	2498.99	-15.23	-10	PASS
NVNT	Band7	5	21425	25	#0	QPSK	2571.02	-17.02	-10	PASS
NVNT	Band7	5	21425	25	#0	16QAM	2571.00	-17.62	-10	PASS
NVNT	Band7	10	20800	50	#0	QPSK	2495.95	-24.73	-13	PASS
NVNT	Band7	10	20800	50	#0	16QAM	2498.87	-22.85	-10	PASS
NVNT	Band7	10	21400	50	#0	QPSK	2571.01	-23.46	-10	PASS
NVNT	Band7	10	21400	50	#0	16QAM	2580.02	-38.84	-25	PASS
NVNT	Band7	15	20825	75	#0	QPSK	2495.99	-26.47	-13	PASS
NVNT	Band7	15	20825	75	#0	16QAM	2484.73	-39.69	-25	PASS
NVNT	Band7	15	21375	75	#0	QPSK	2571.02	-24.14	-10	PASS
NVNT	Band7	15	21375	75	#0	16QAM	2585.29	-39.81	-25	PASS
NVNT	Band7	20	20850	100	#0	QPSK	2479.15	-40.34	-25	PASS
NVNT	Band7	20	20850	100	#0	16QAM	2478.39	-40.20	-25	PASS
NVNT	Band7	20	21350	100	#0	QPSK	2592.61	-39.82	-25	PASS
NVNT	Band7	20	21350	100	#0	16QAM	2594.53	-40.02	-25	PASS

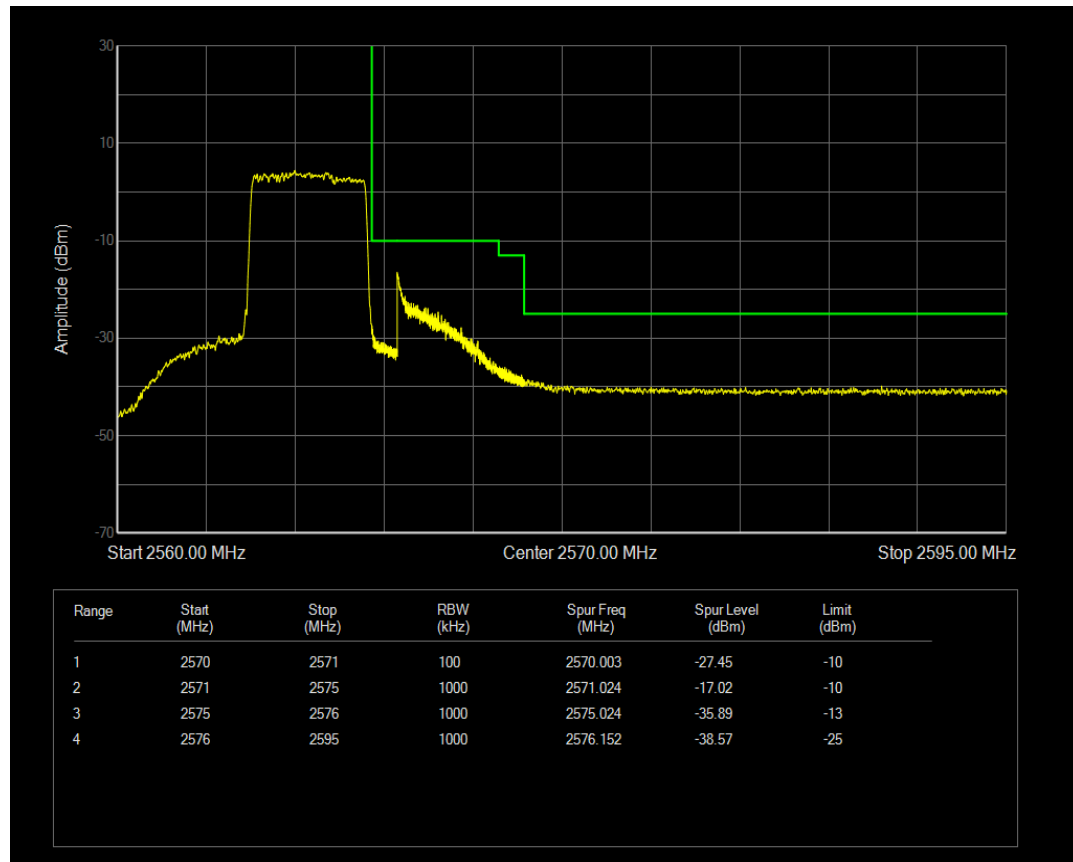




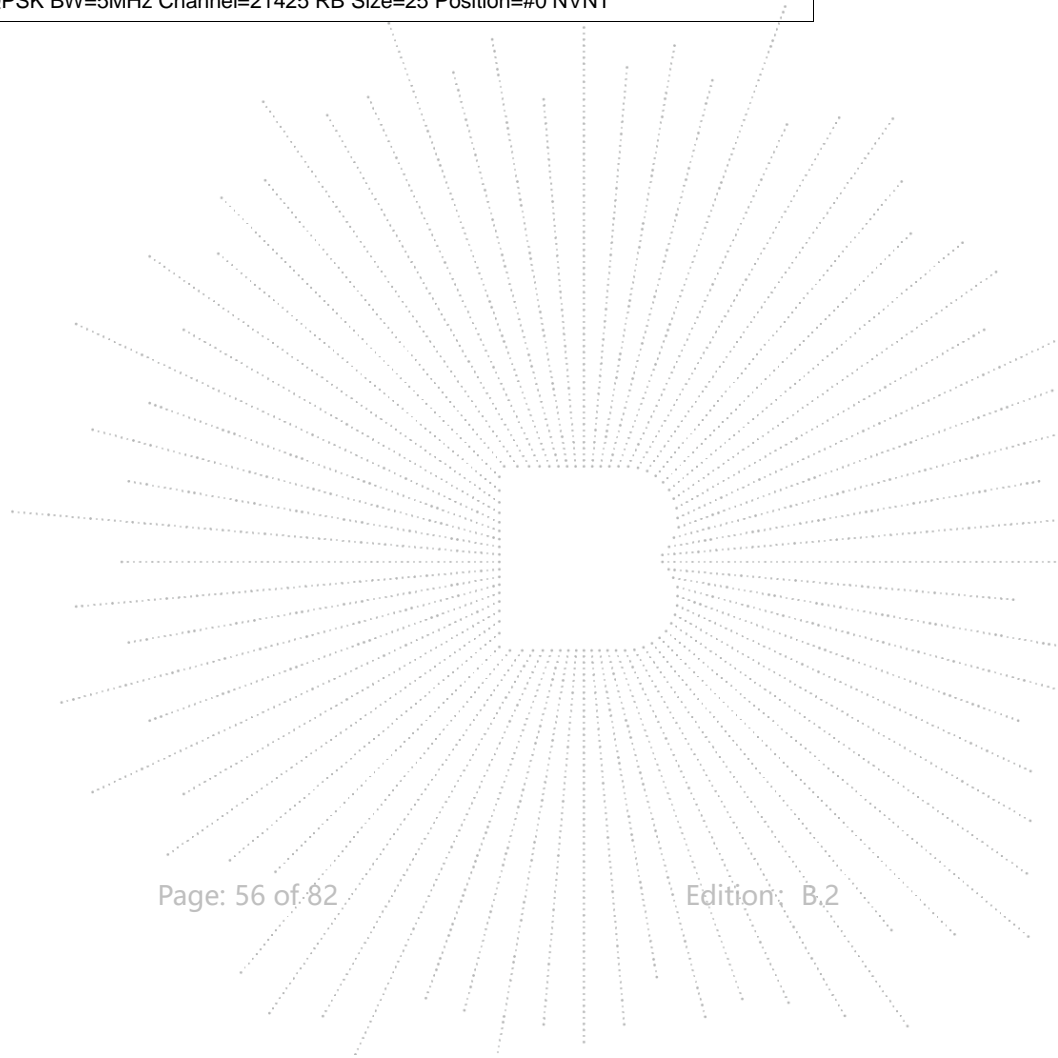
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

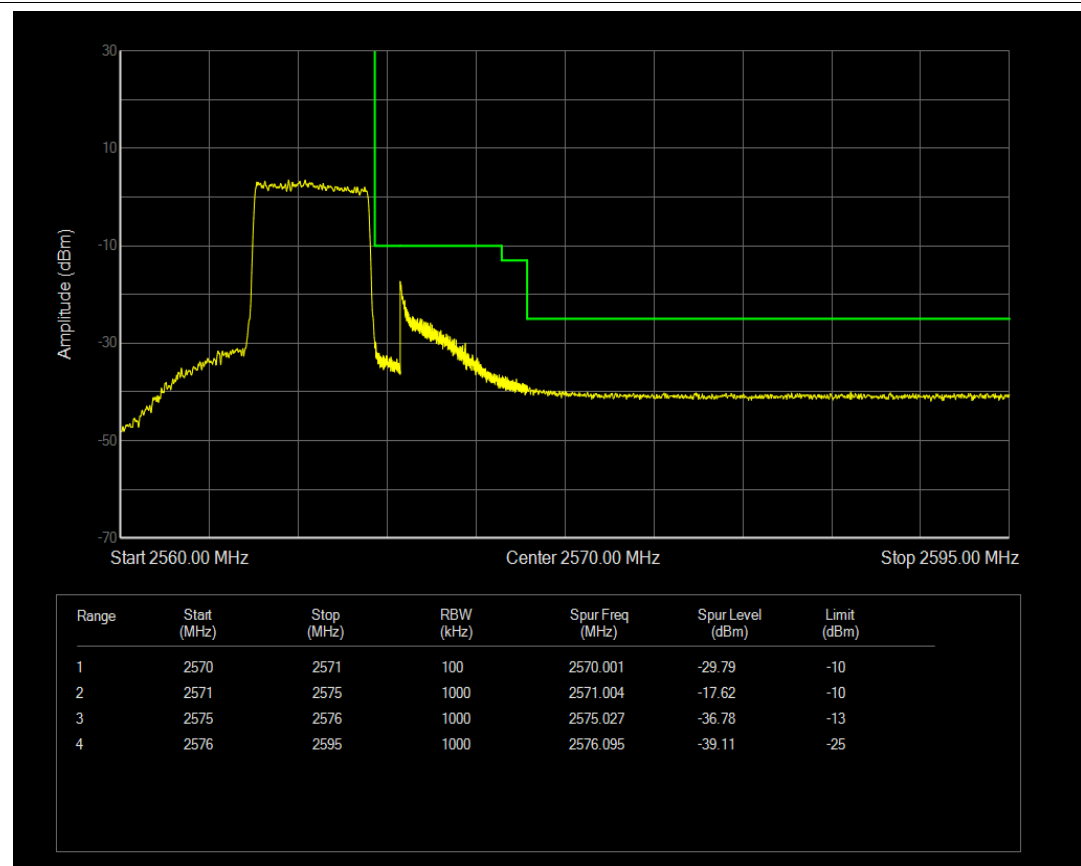


Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

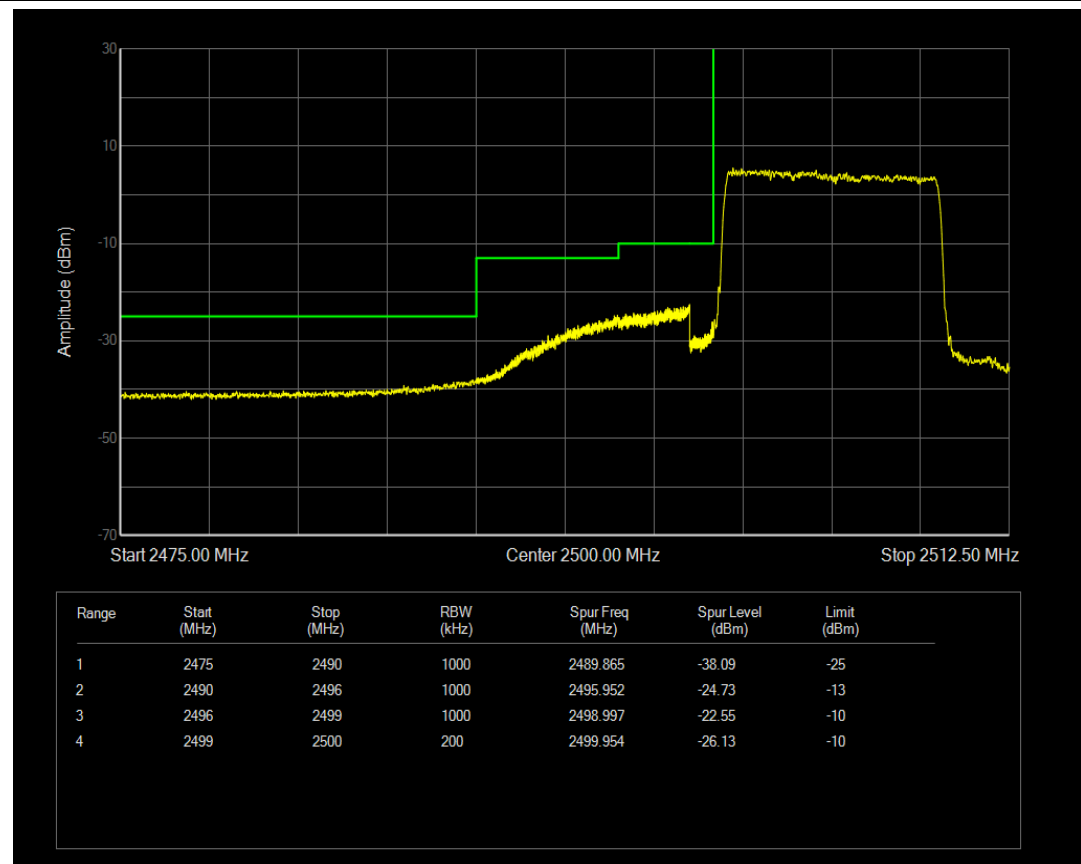


Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT





Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT

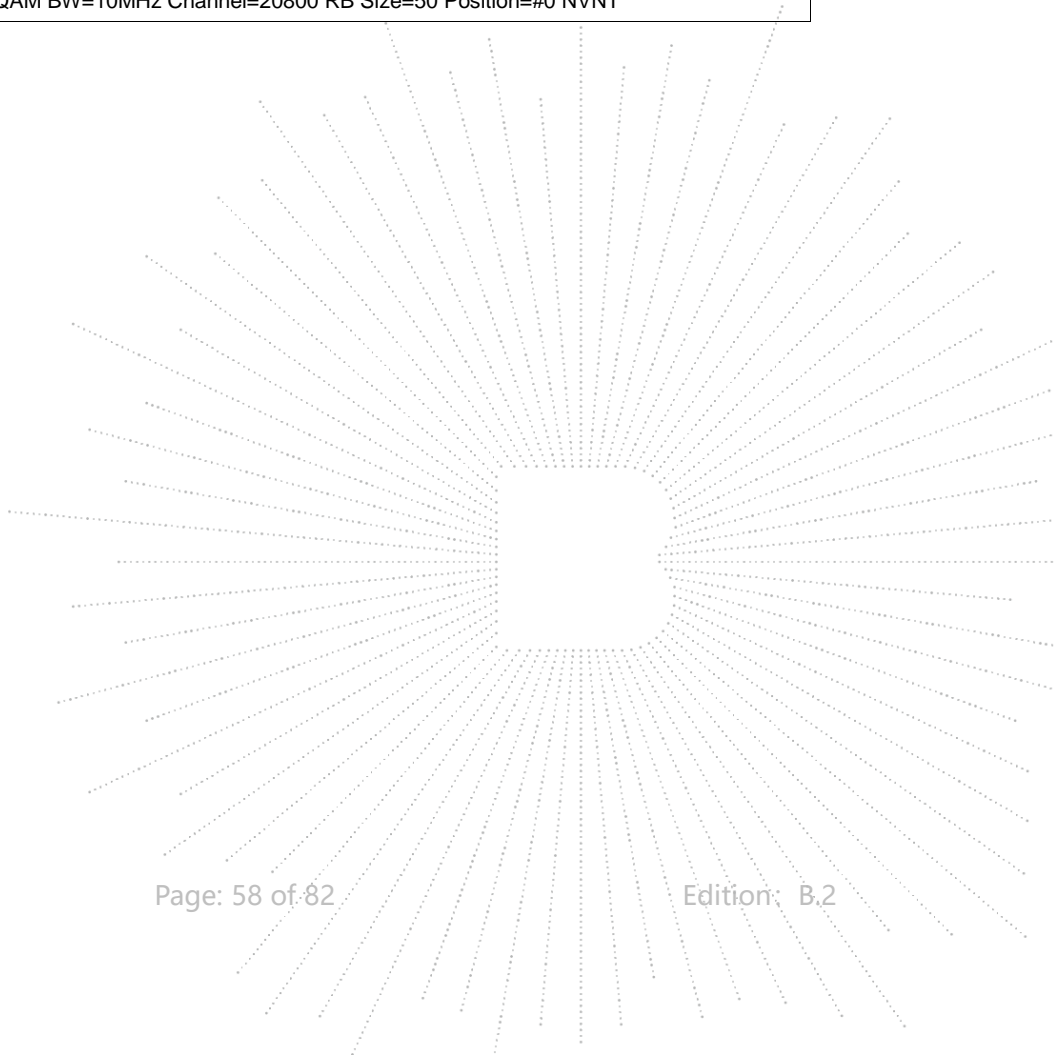


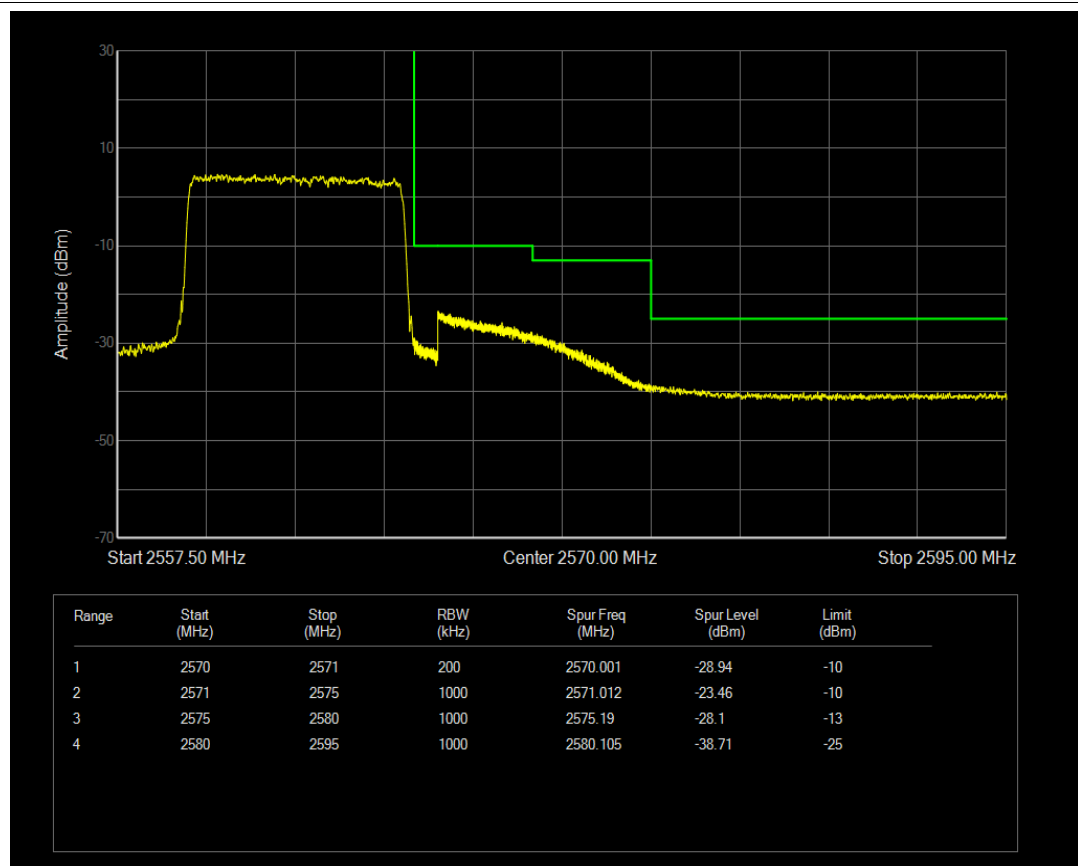
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



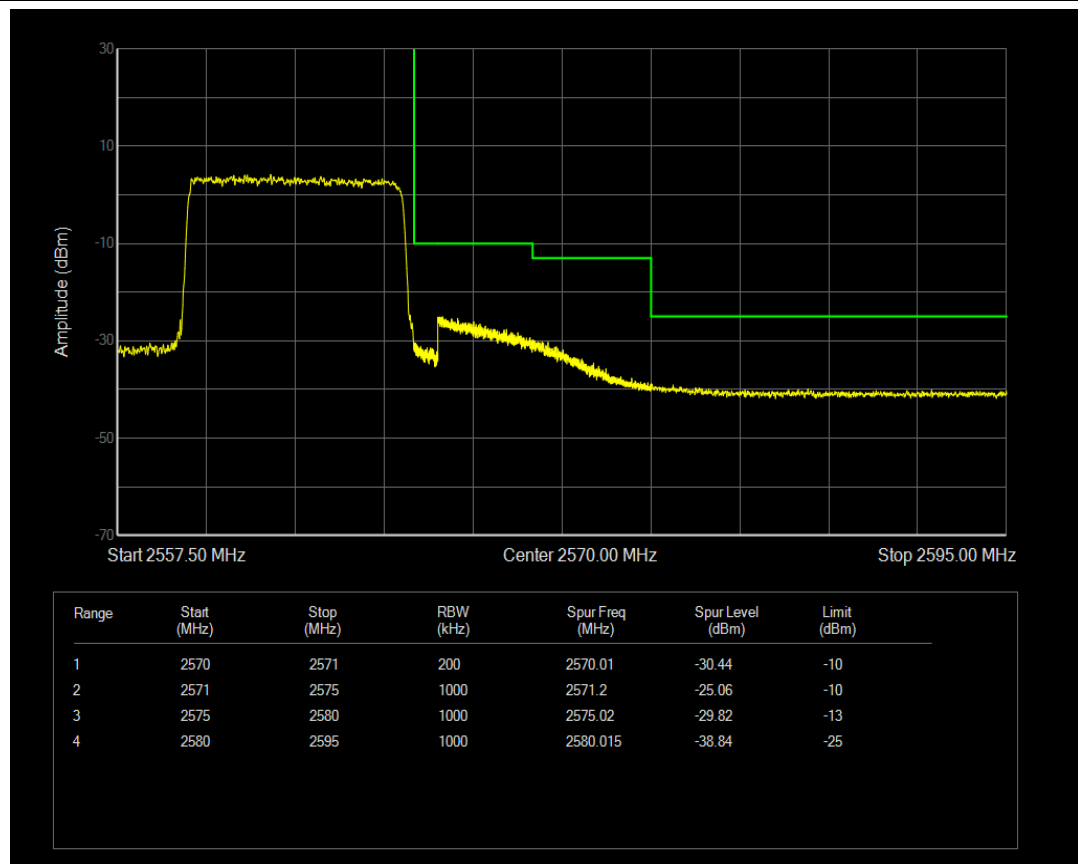
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.985	-37.93	-25
2	2490	2496	1000	2495.814	-26.74	-13
3	2496	2499	1000	2498.868	-22.85	-10
4	2499	2500	200	2499.997	-29.1	-10

Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



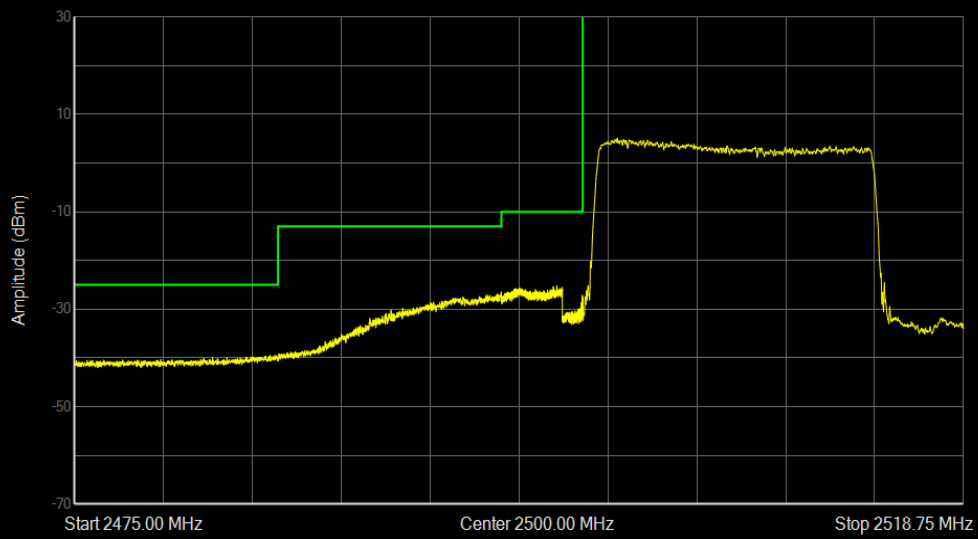


Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



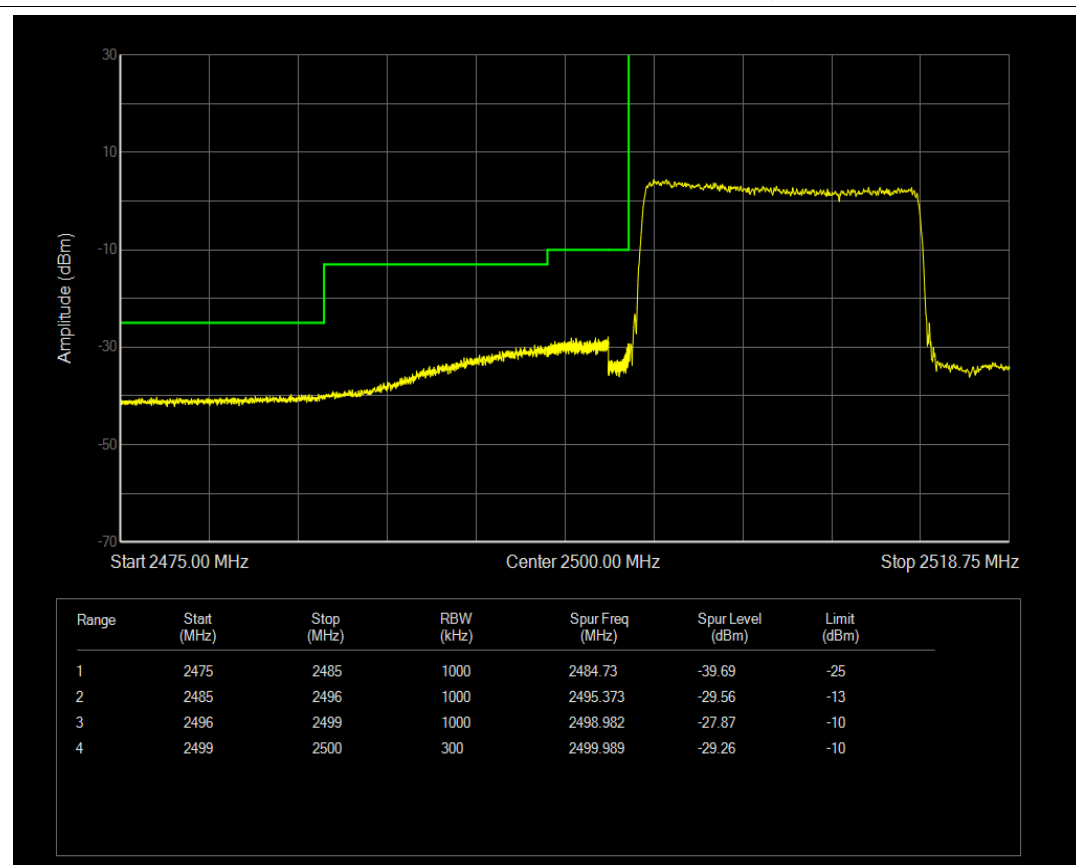


Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT

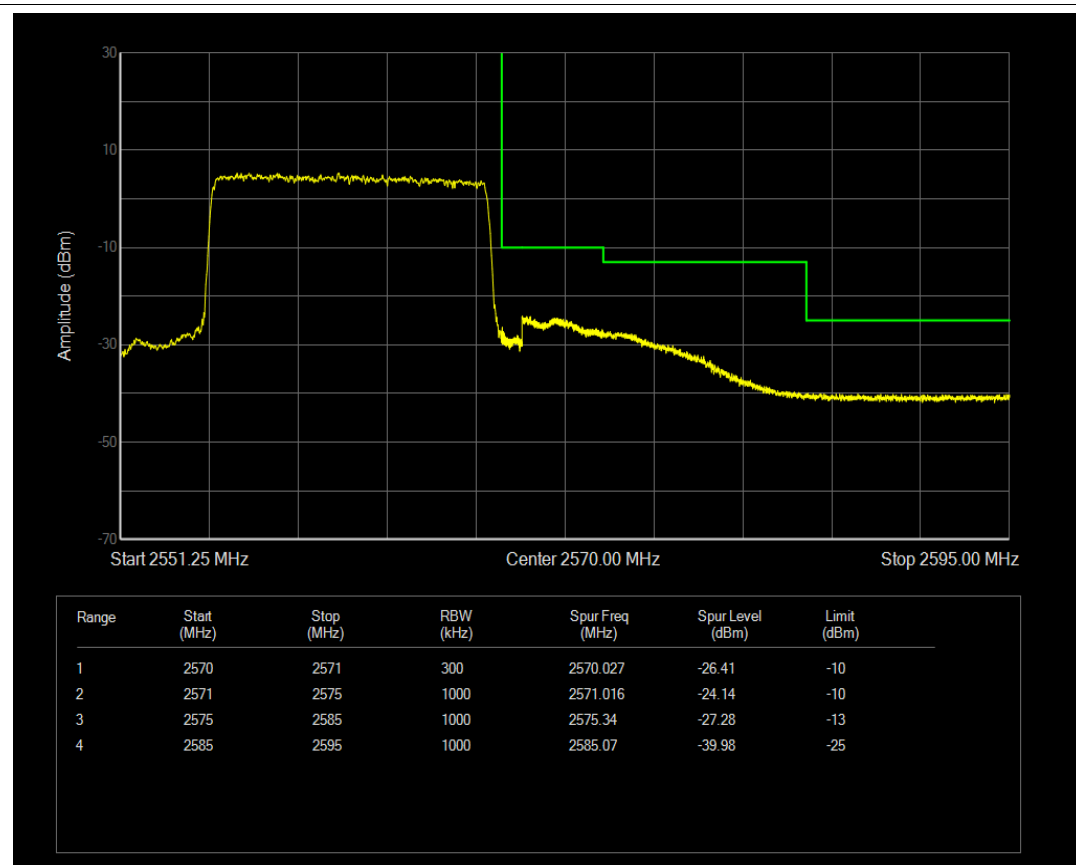


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.62	-39.5	-25
2	2485	2496	1000	2495.989	-26.47	-13
3	2496	2499	1000	2498.721	-25.15	-10
4	2499	2500	300	2499.984	-27.16	-10

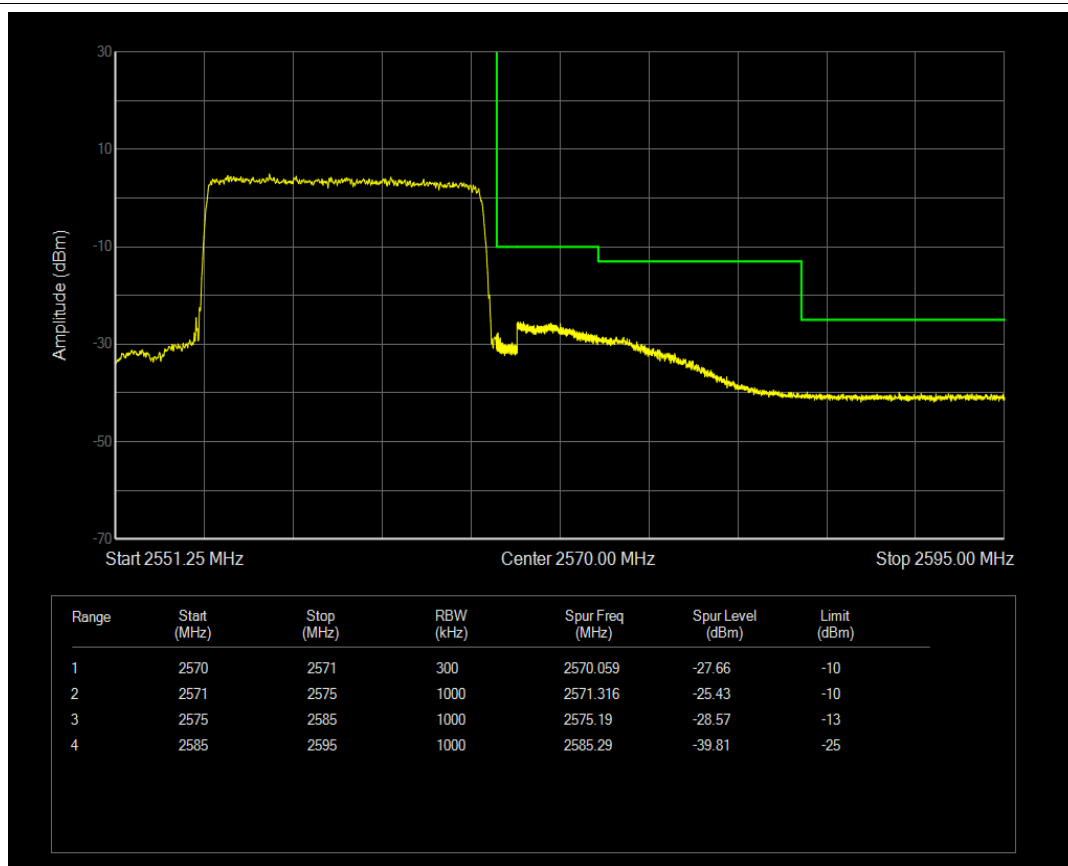
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



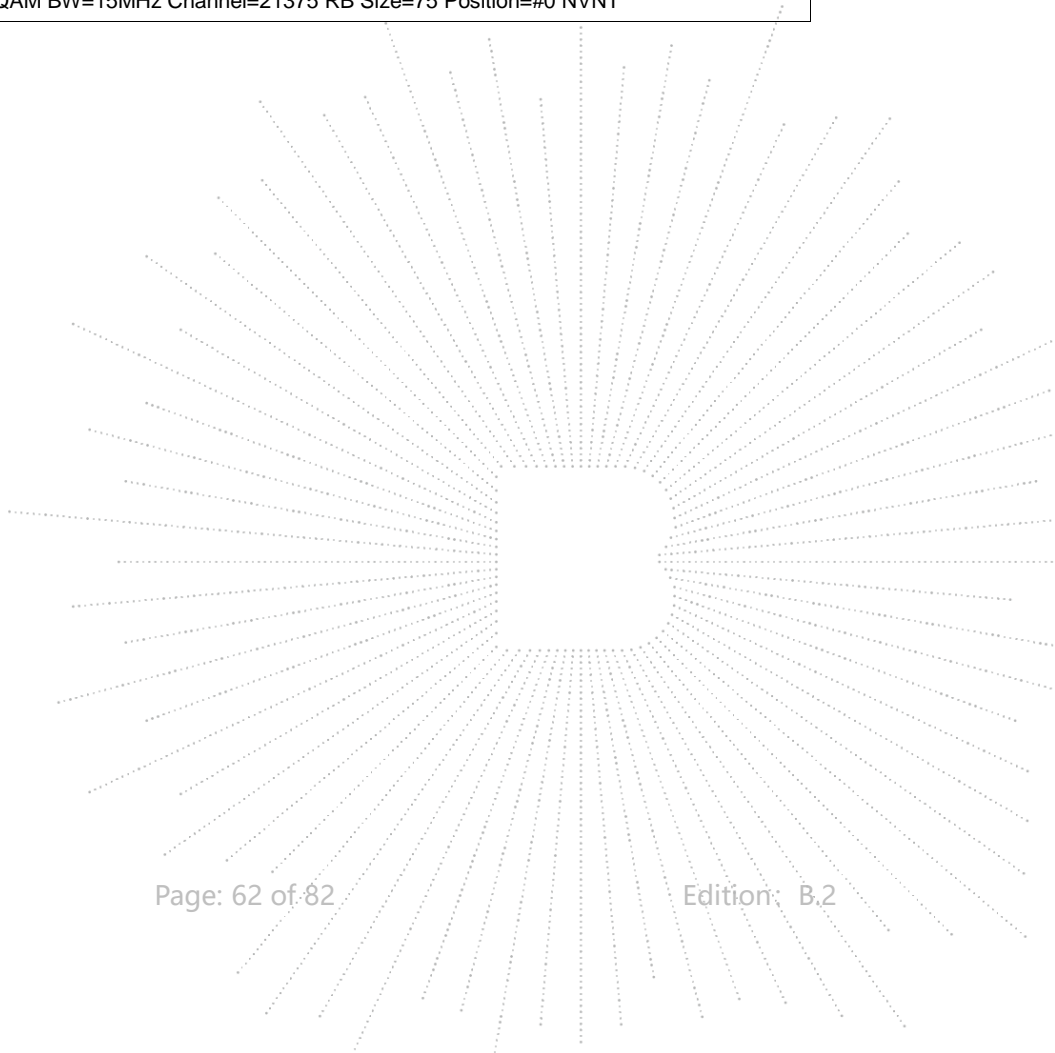
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

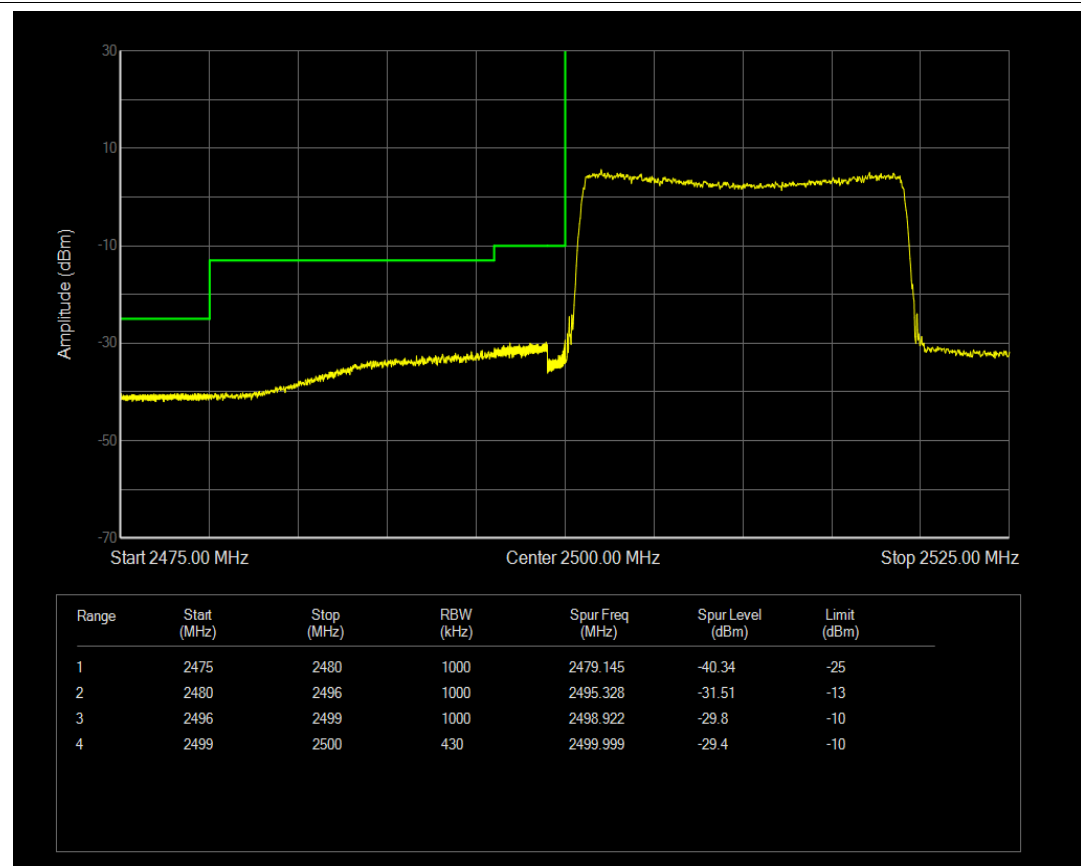


Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT

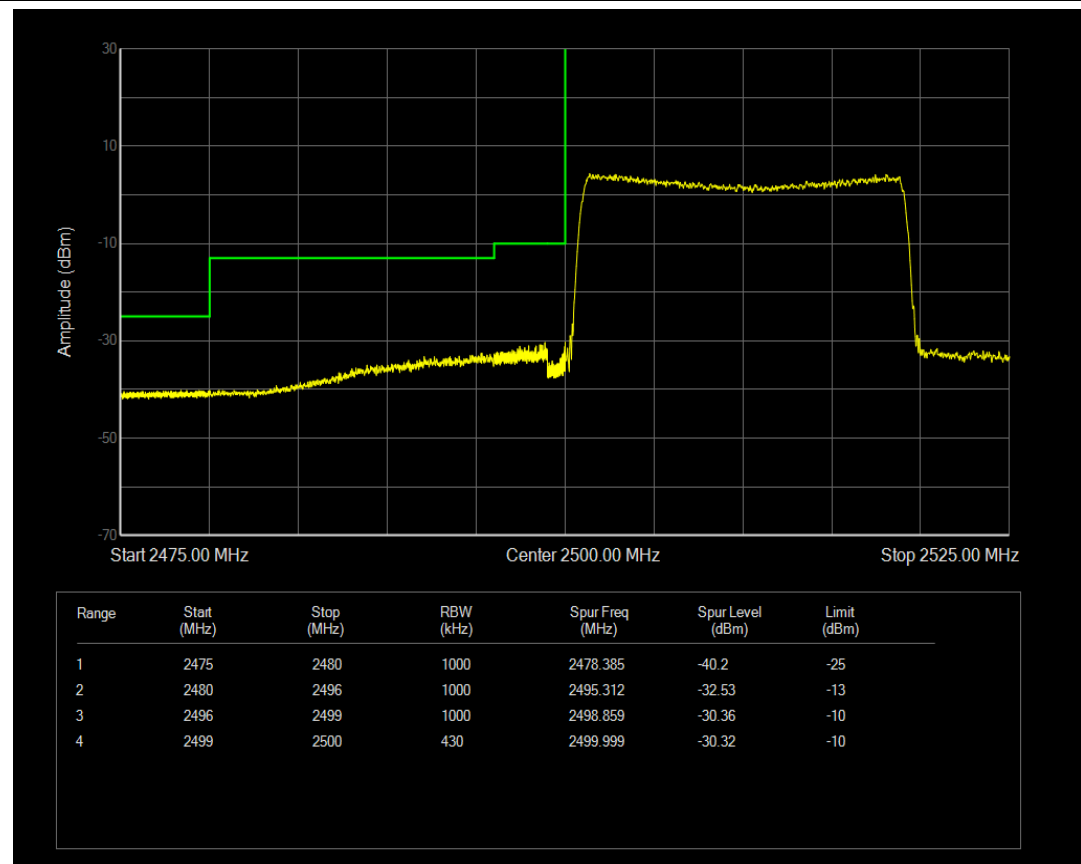


Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT

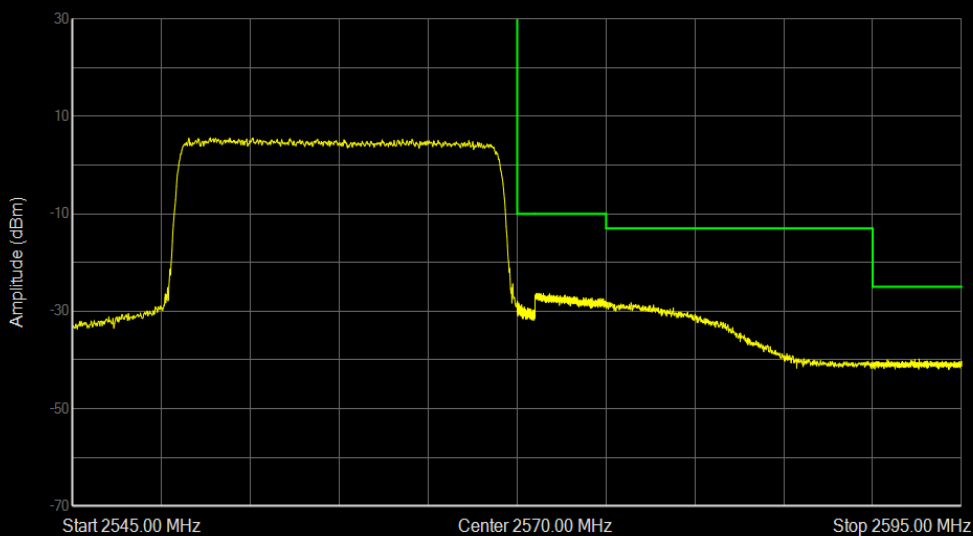




Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

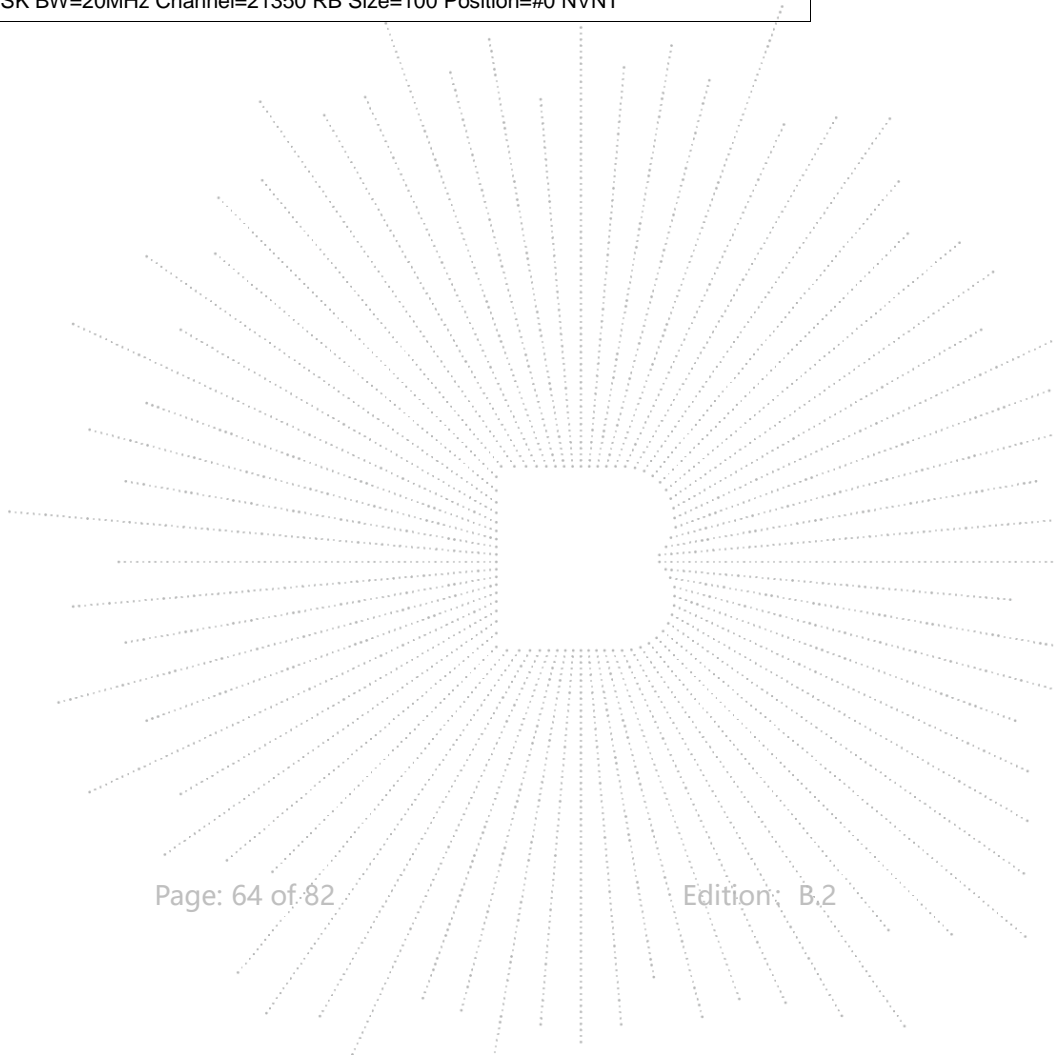


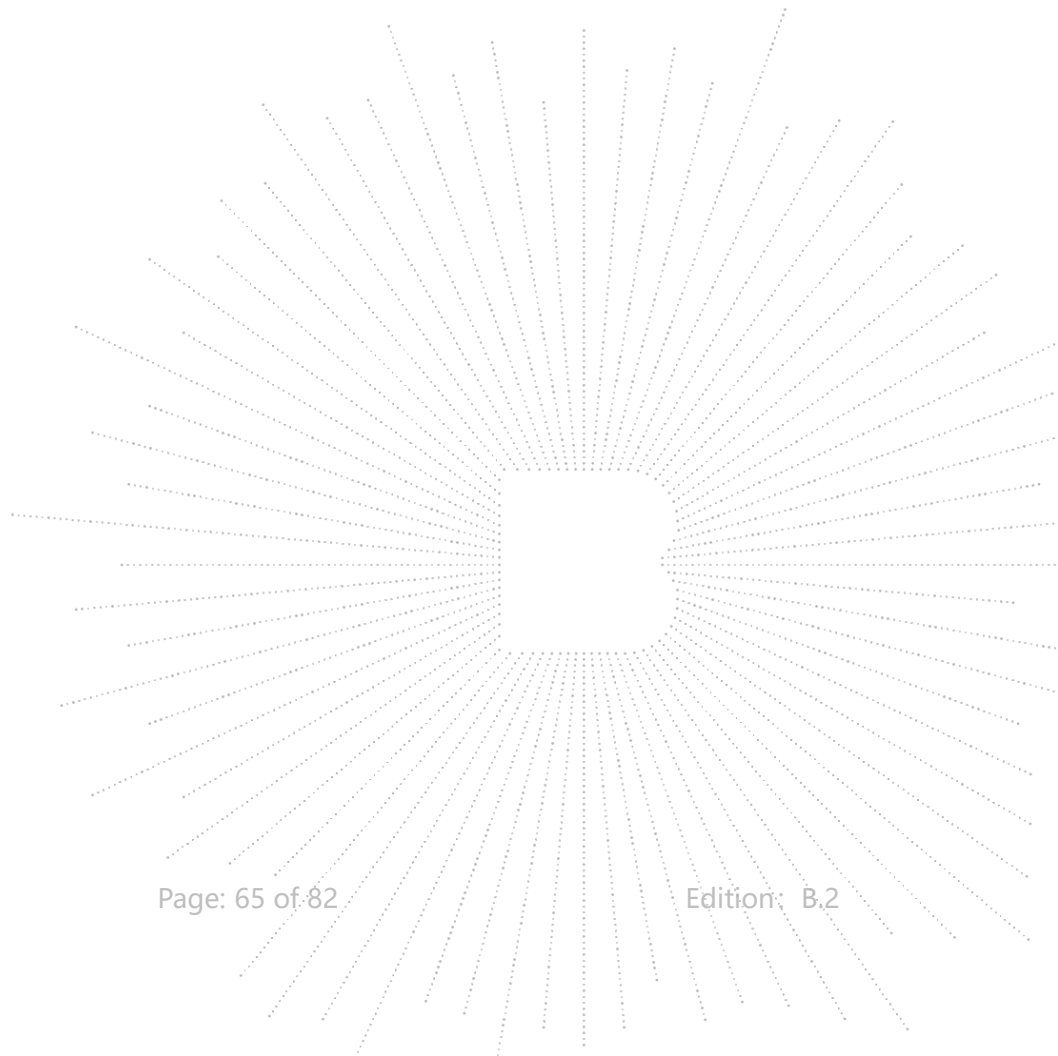
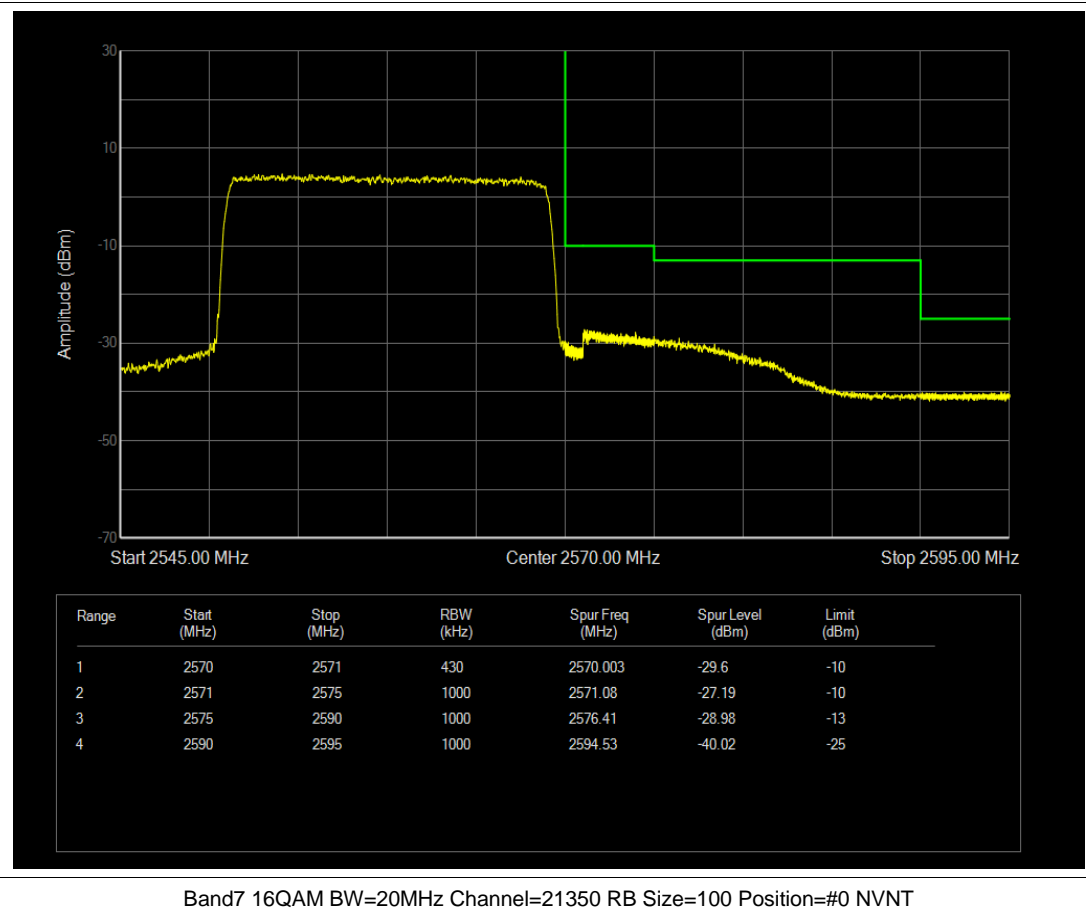
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.009	-27.91	-10
2	2571	2575	1000	2571.076	-26.38	-10
3	2575	2590	1000	2575.09	-28.22	-13
4	2590	2595	1000	2592.61	-39.82	-25

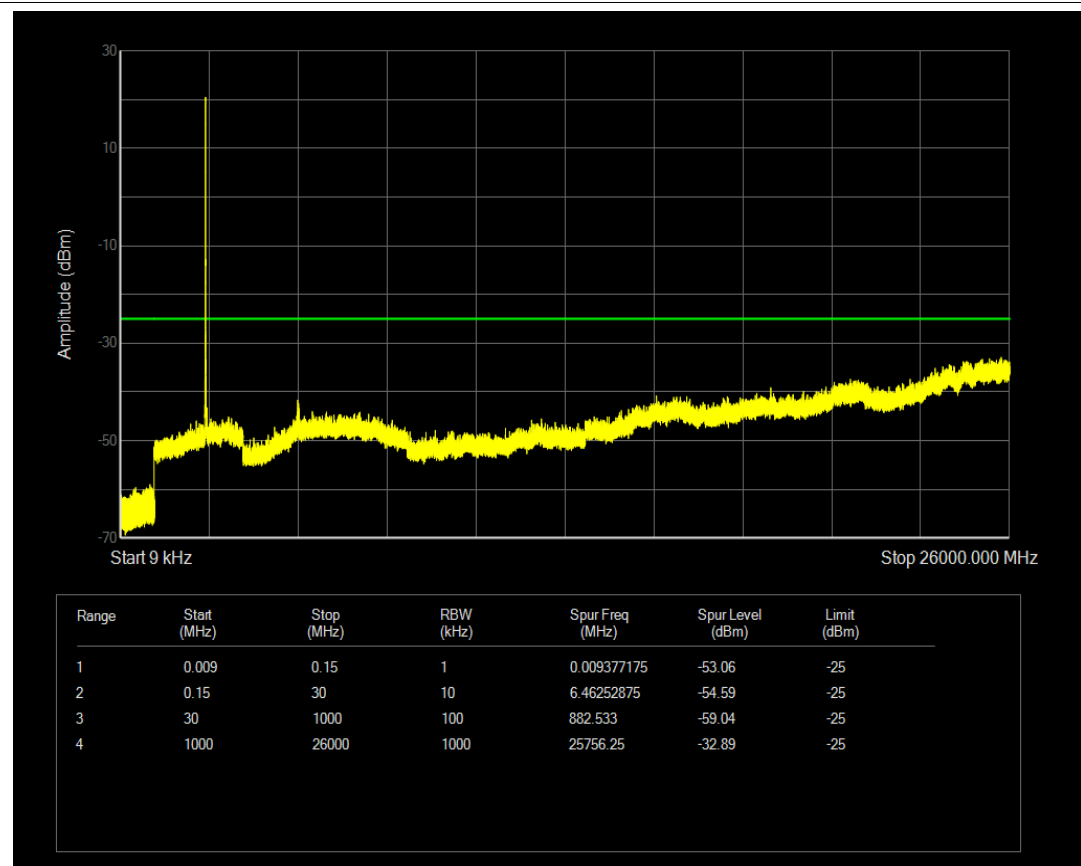
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



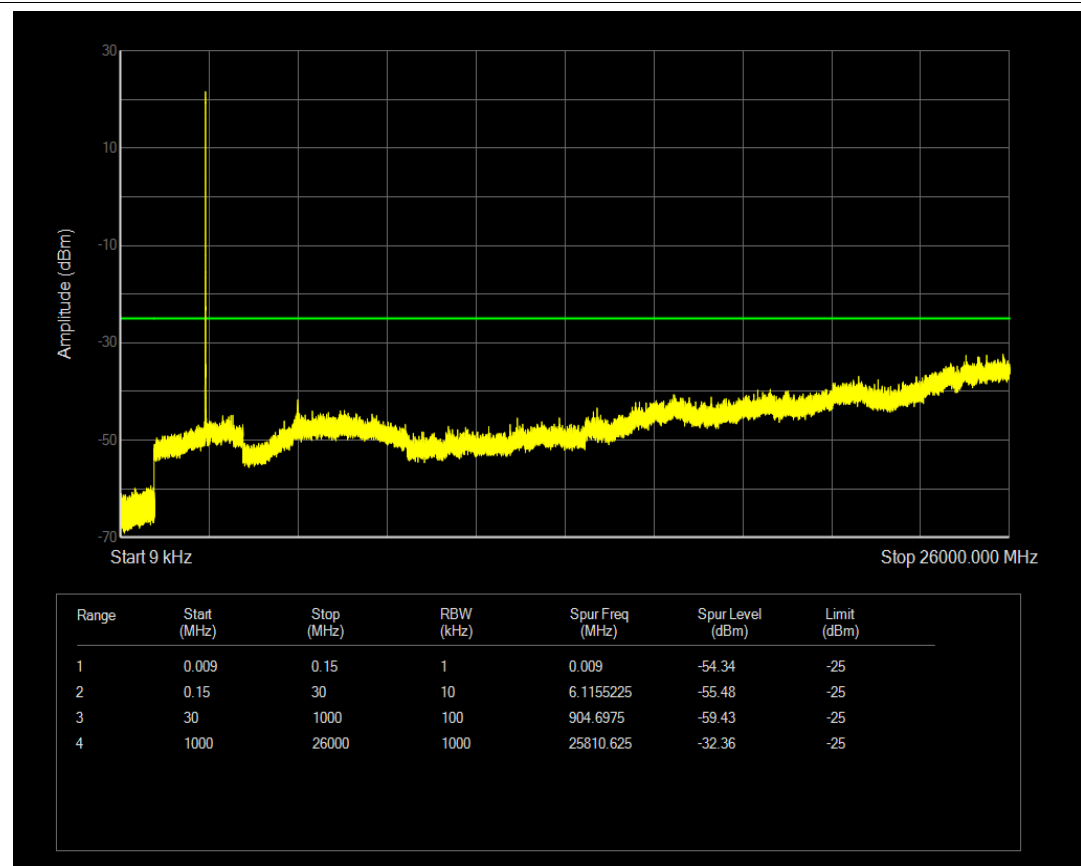


## Appendix 6.Out-of-band emissions

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	25756.25	-32.89	-25	PASS
NVNT	Band7	5	20775	25	#0	16QAM	25810.63	-32.36	-25	PASS
NVNT	Band7	5	21100	25	#0	QPSK	25802.50	-32.82	-25	PASS
NVNT	Band7	5	21100	25	#0	16QAM	25036.25	-32.07	-25	PASS
NVNT	Band7	5	21425	25	#0	QPSK	25032.50	-32.17	-25	PASS
NVNT	Band7	5	21425	25	#0	16QAM	25683.13	-32.31	-25	PASS
NVNT	Band7	10	20800	50	#0	QPSK	25860.63	-32.77	-25	PASS
NVNT	Band7	10	20800	50	#0	16QAM	25776.88	-32.60	-25	PASS
NVNT	Band7	10	21100	50	#0	QPSK	25103.75	-31.62	-25	PASS
NVNT	Band7	10	21100	50	#0	16QAM	25078.13	-32.62	-25	PASS
NVNT	Band7	10	21400	50	#0	QPSK	25486.88	-31.66	-25	PASS
NVNT	Band7	10	21400	50	#0	16QAM	25814.38	-32.60	-25	PASS
NVNT	Band7	15	20825	75	#0	QPSK	25758.13	-32.39	-25	PASS
NVNT	Band7	15	20825	75	#0	16QAM	25576.88	-32.56	-25	PASS
NVNT	Band7	15	21100	75	#0	QPSK	25833.13	-32.46	-25	PASS
NVNT	Band7	15	21100	75	#0	16QAM	25086.88	-32.38	-25	PASS
NVNT	Band7	15	21375	75	#0	QPSK	25834.38	-32.59	-25	PASS
NVNT	Band7	15	21375	75	#0	16QAM	25831.25	-32.89	-25	PASS
NVNT	Band7	20	20850	100	#0	QPSK	25466.88	-32.44	-25	PASS
NVNT	Band7	20	20850	100	#0	16QAM	25743.75	-32.54	-25	PASS
NVNT	Band7	20	21100	100	#0	QPSK	25941.25	-32.93	-25	PASS
NVNT	Band7	20	21100	100	#0	16QAM	25501.88	-31.47	-25	PASS
NVNT	Band7	20	21350	100	#0	QPSK	25808.75	-32.22	-25	PASS
NVNT	Band7	20	21350	100	#0	16QAM	25593.13	-32.51	-25	PASS

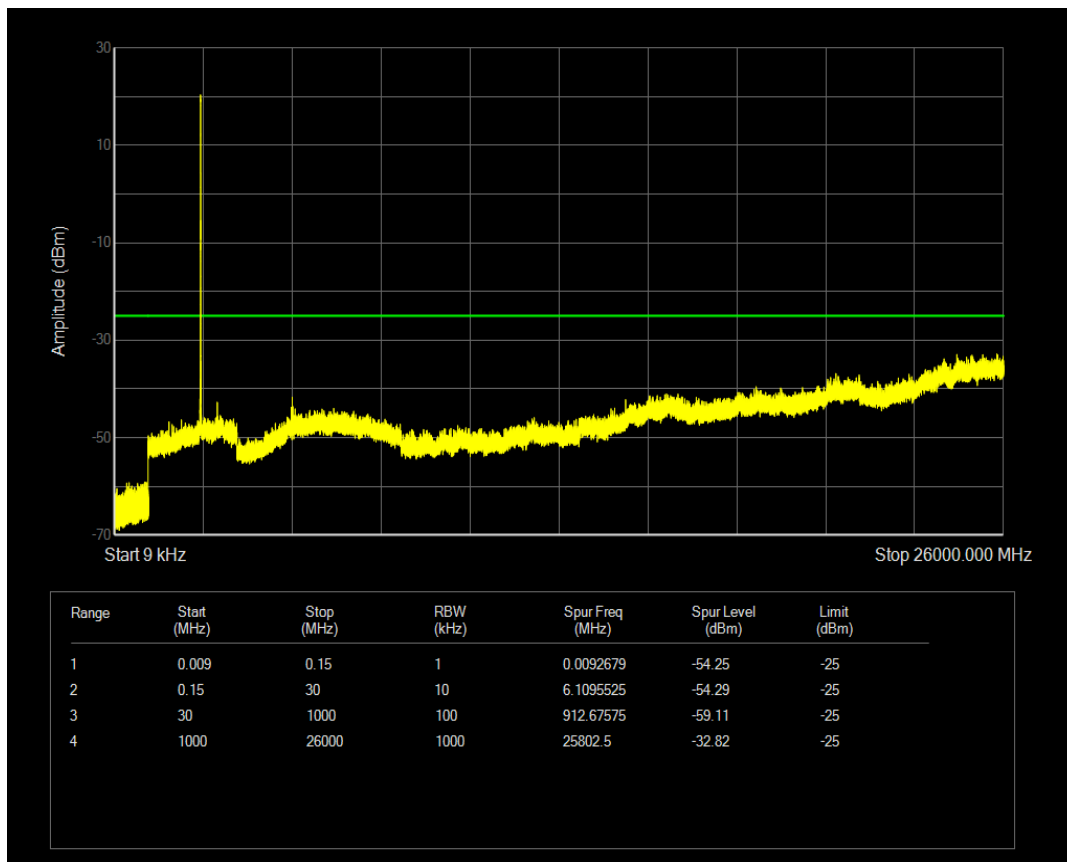


Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

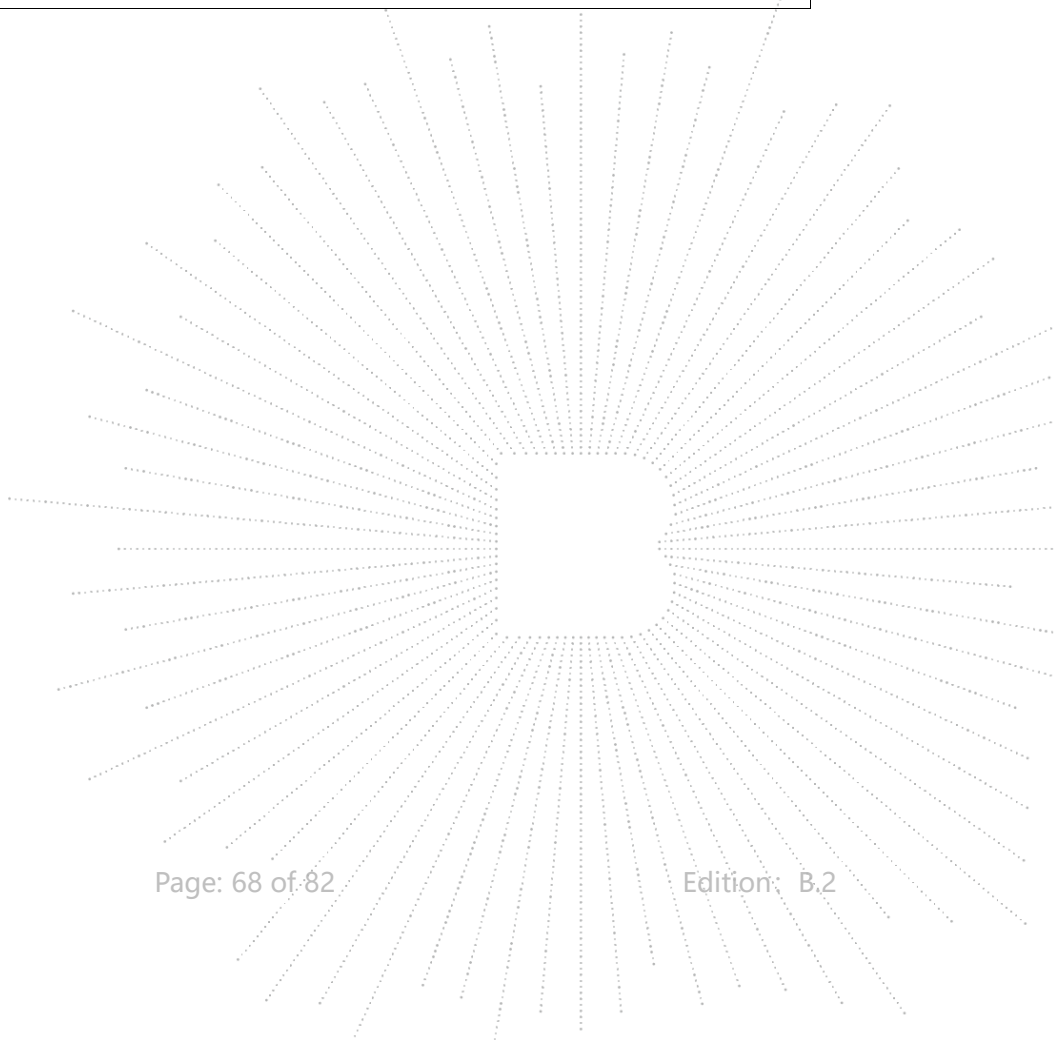


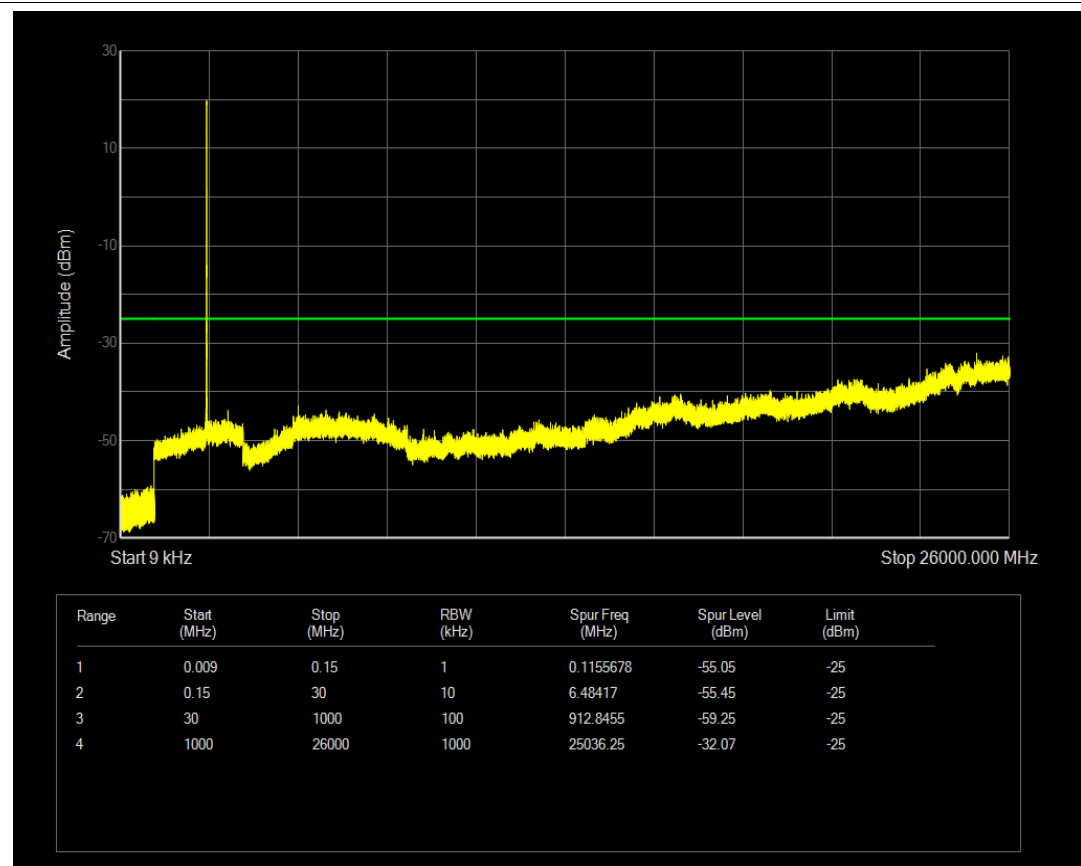


Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

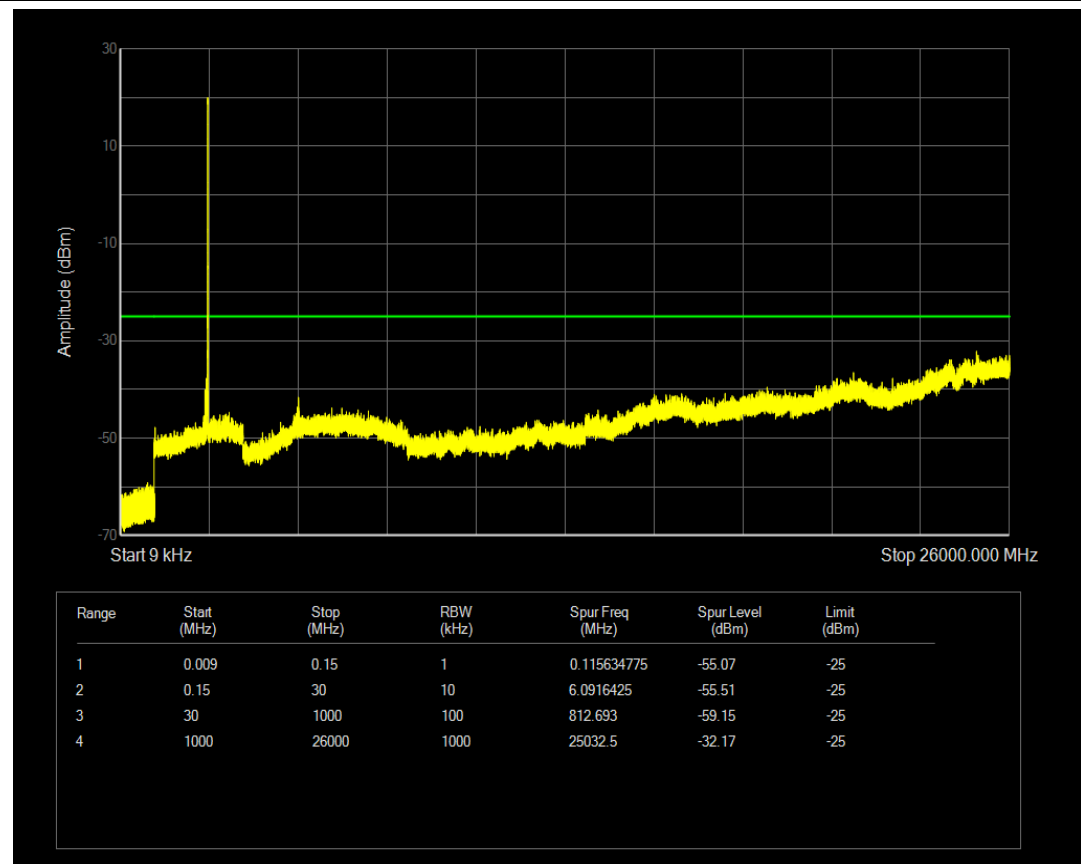


Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT

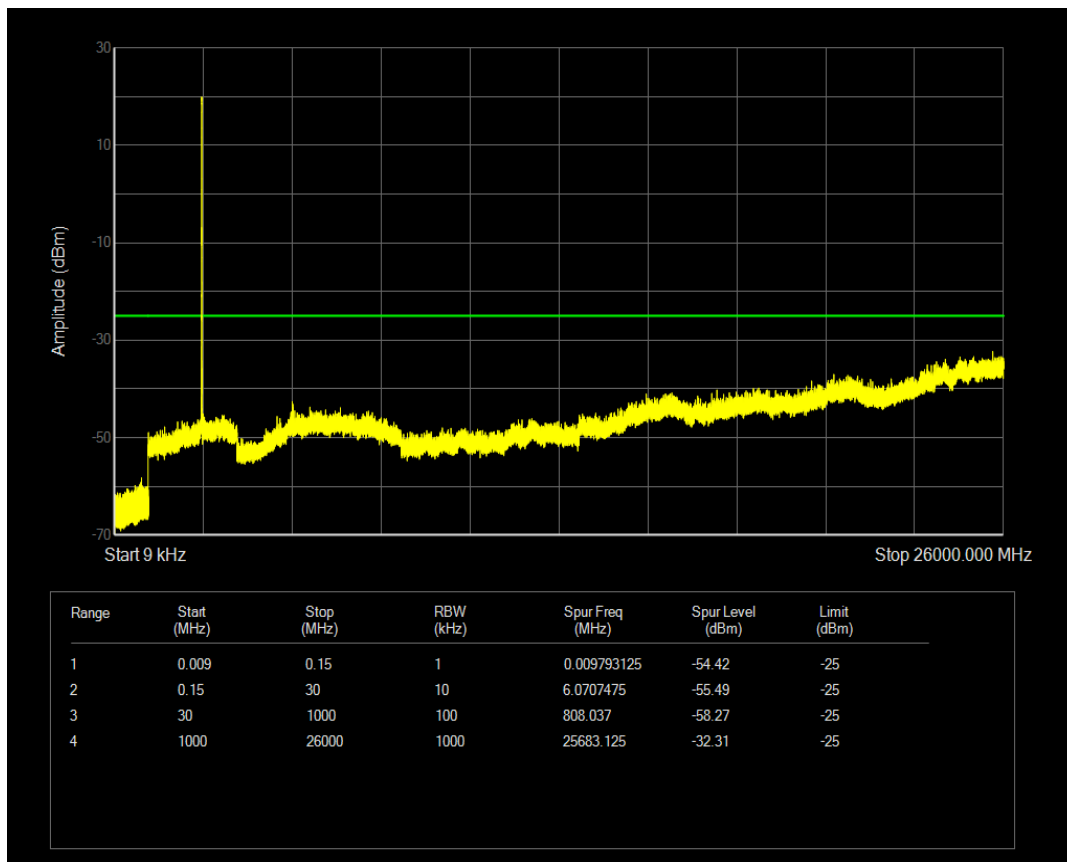




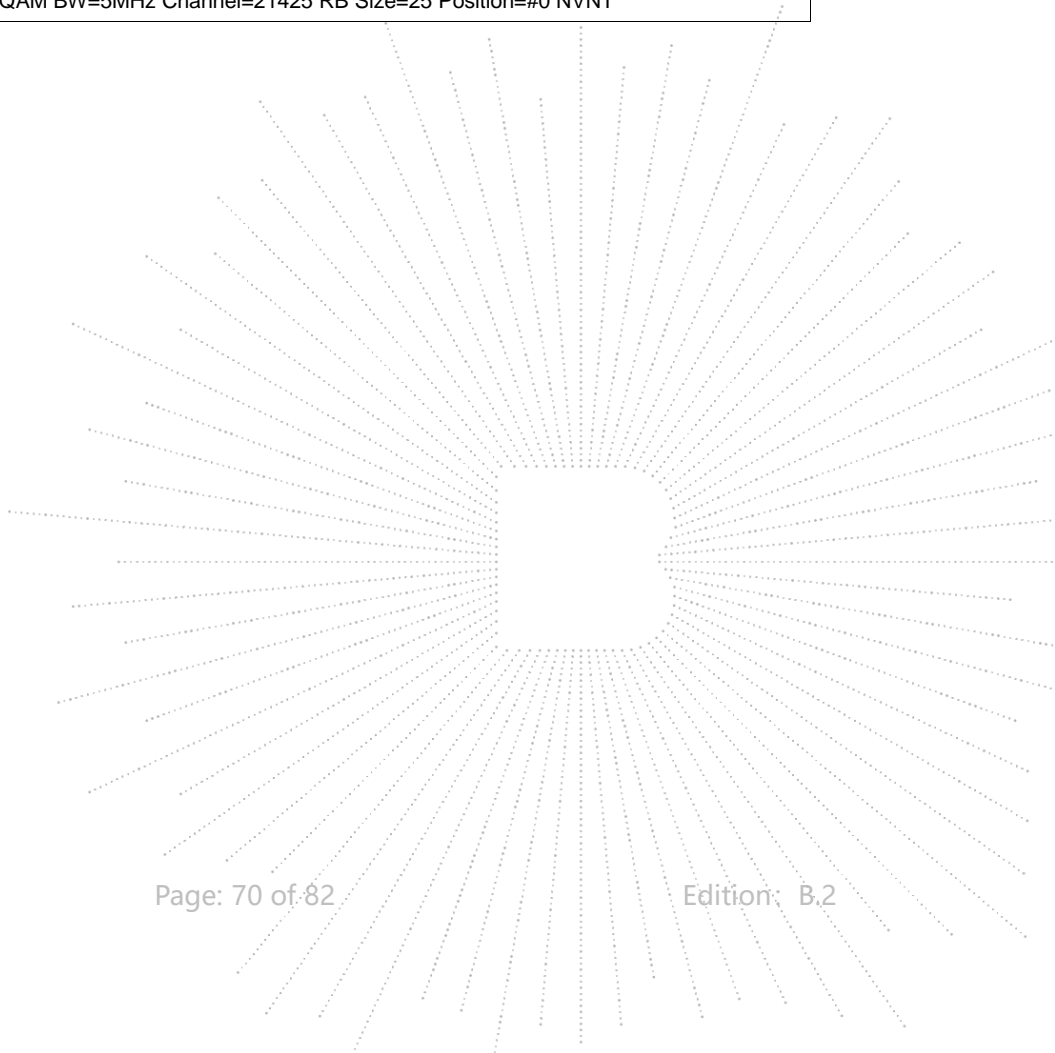
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT

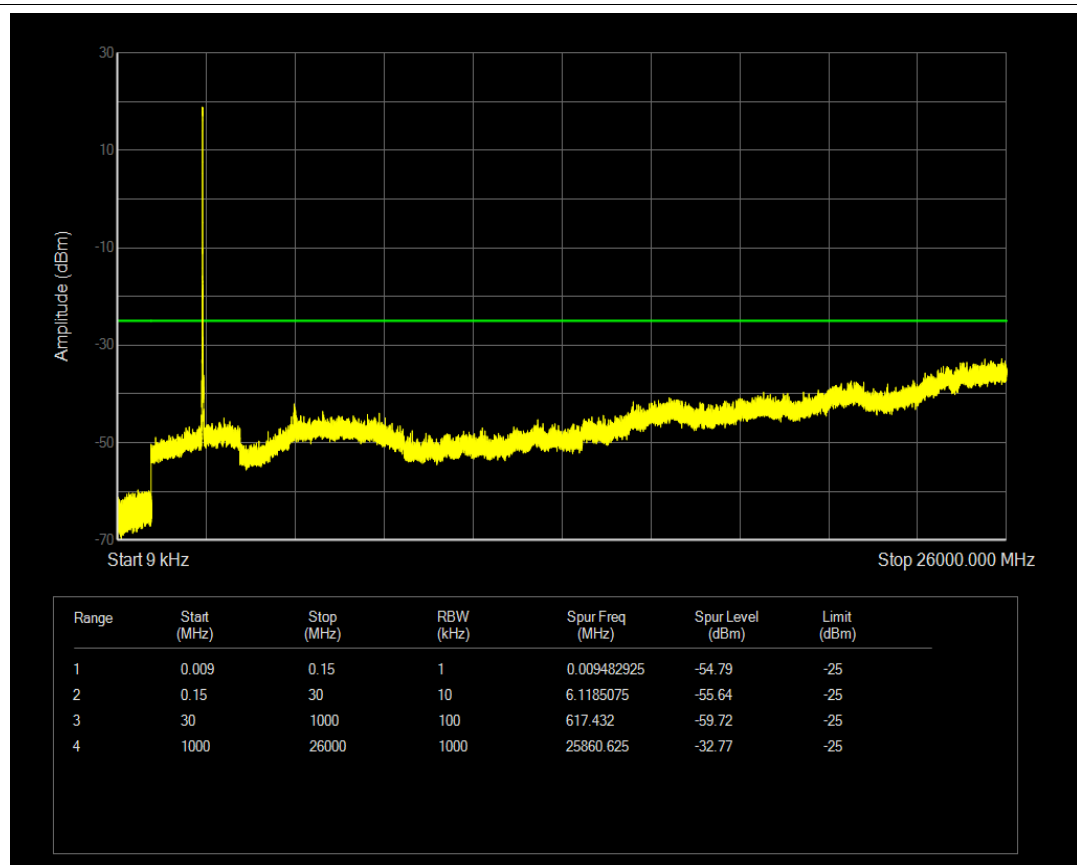


Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT

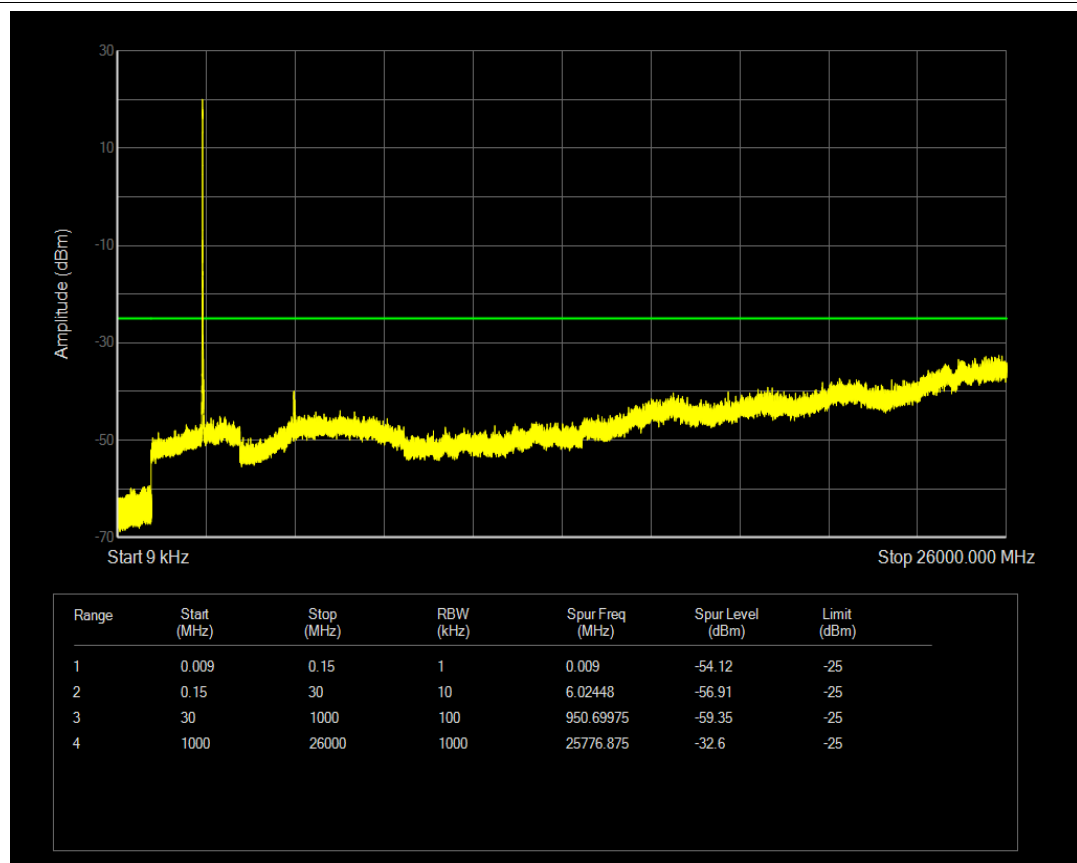


Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT

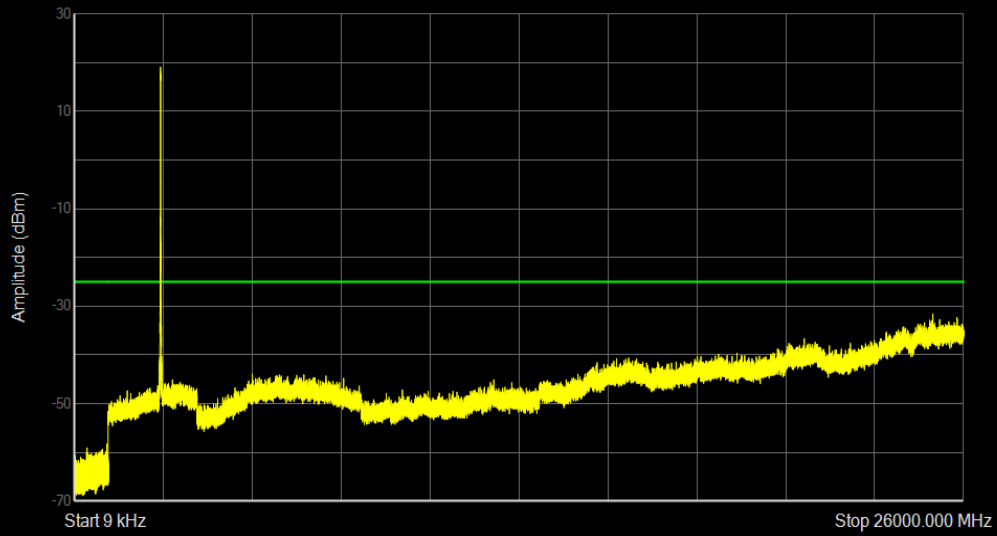




Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT

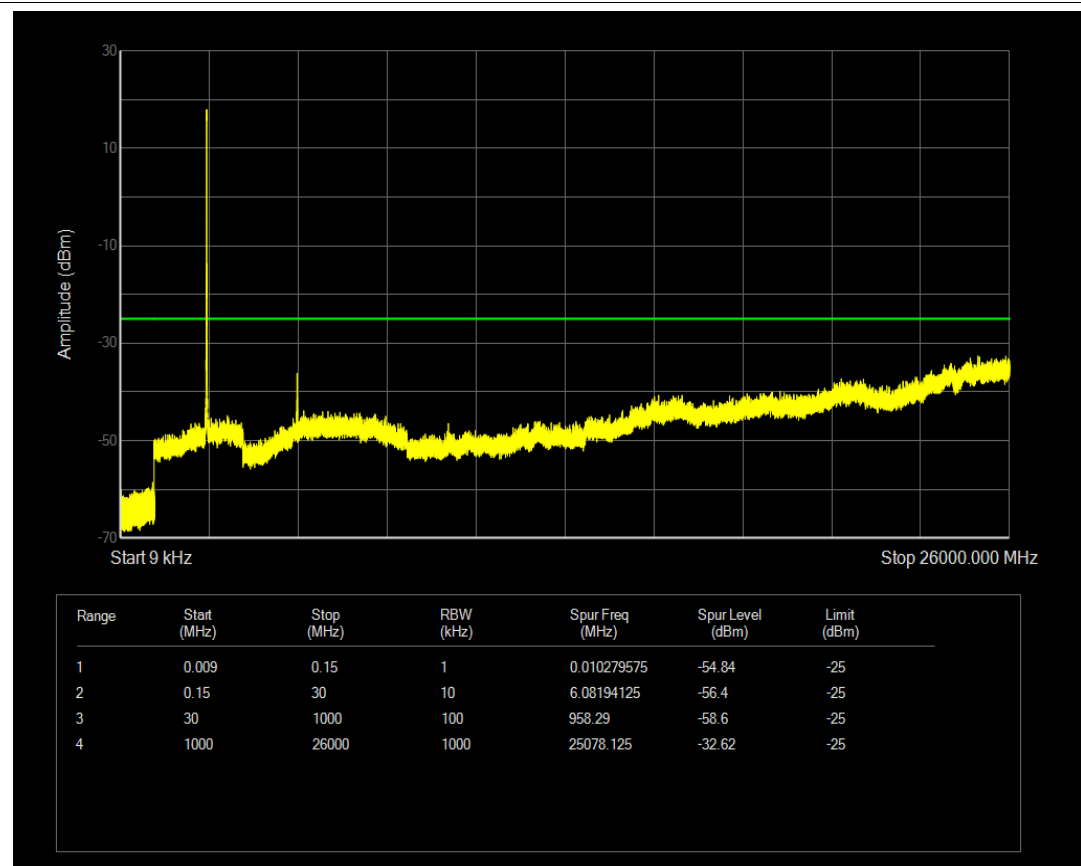


Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT

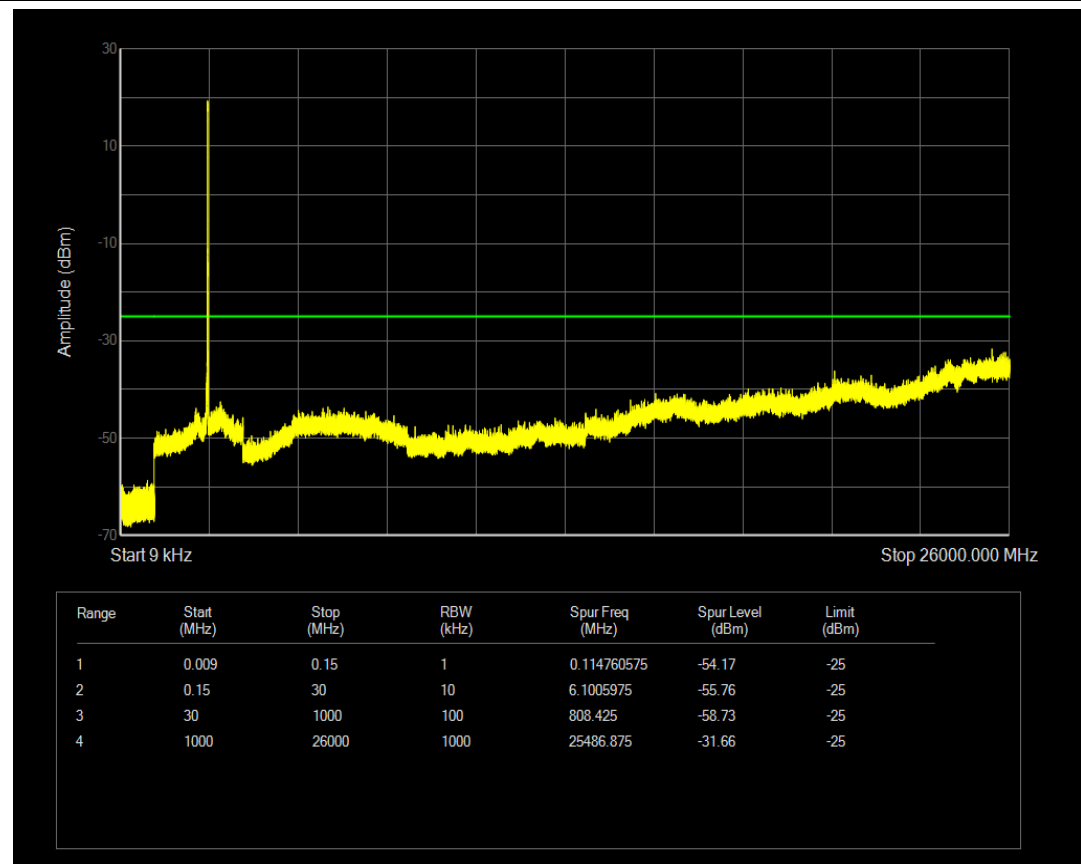


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00913395	-54.57	-25
2	0.15	30	10	6.03045	-56.51	-25
3	30	1000	100	964.401	-58.27	-25
4	1000	26000	1000	25103.75	-31.62	-25

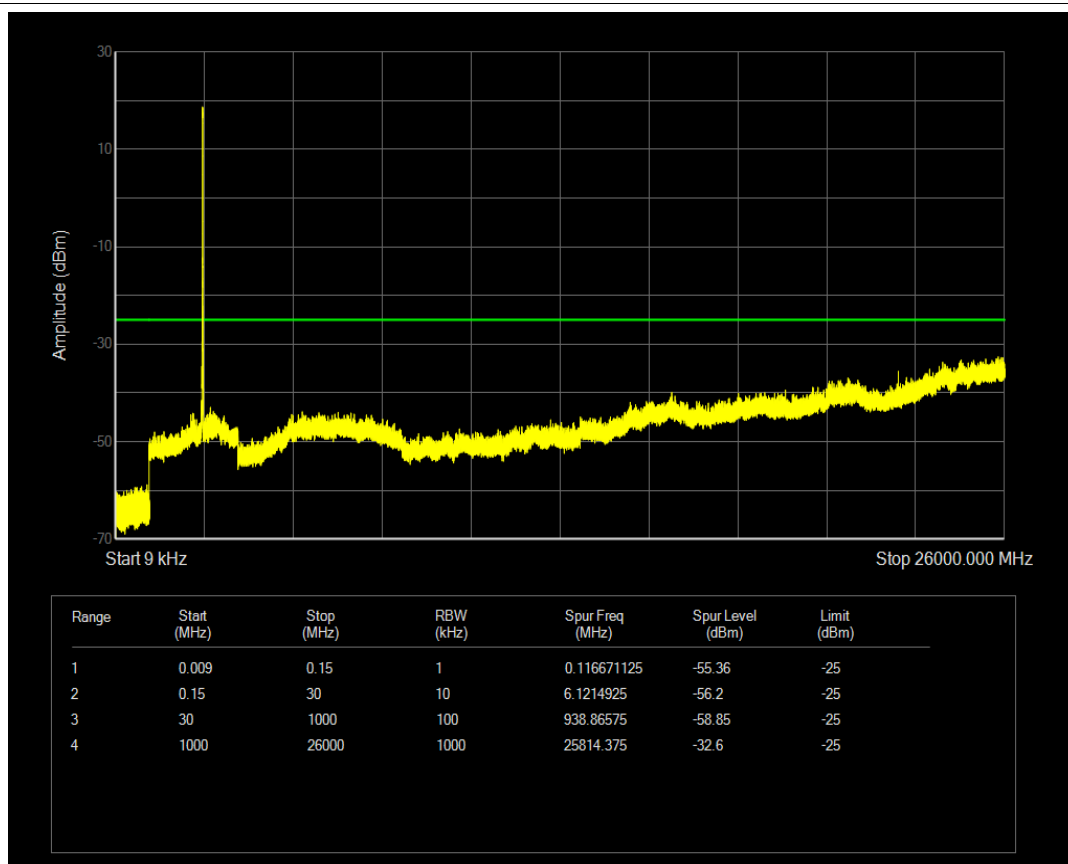
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



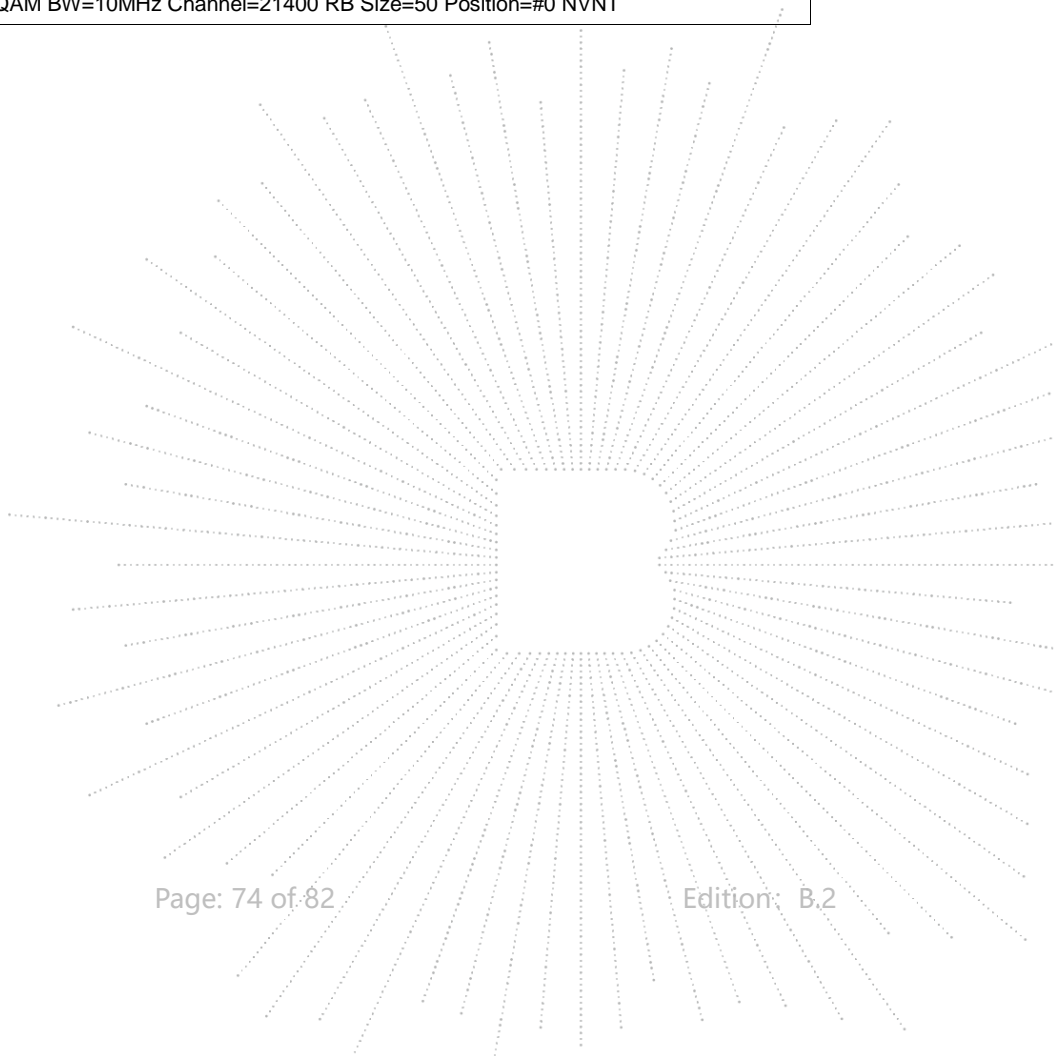
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT

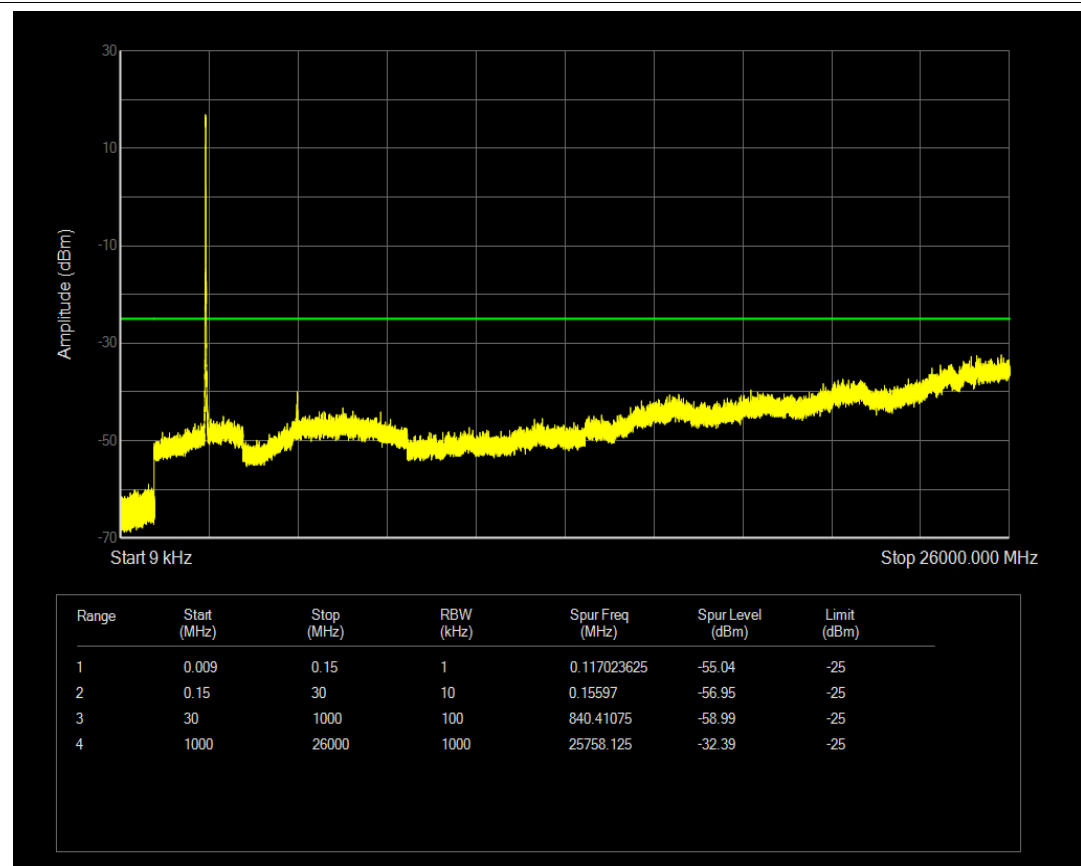


Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT

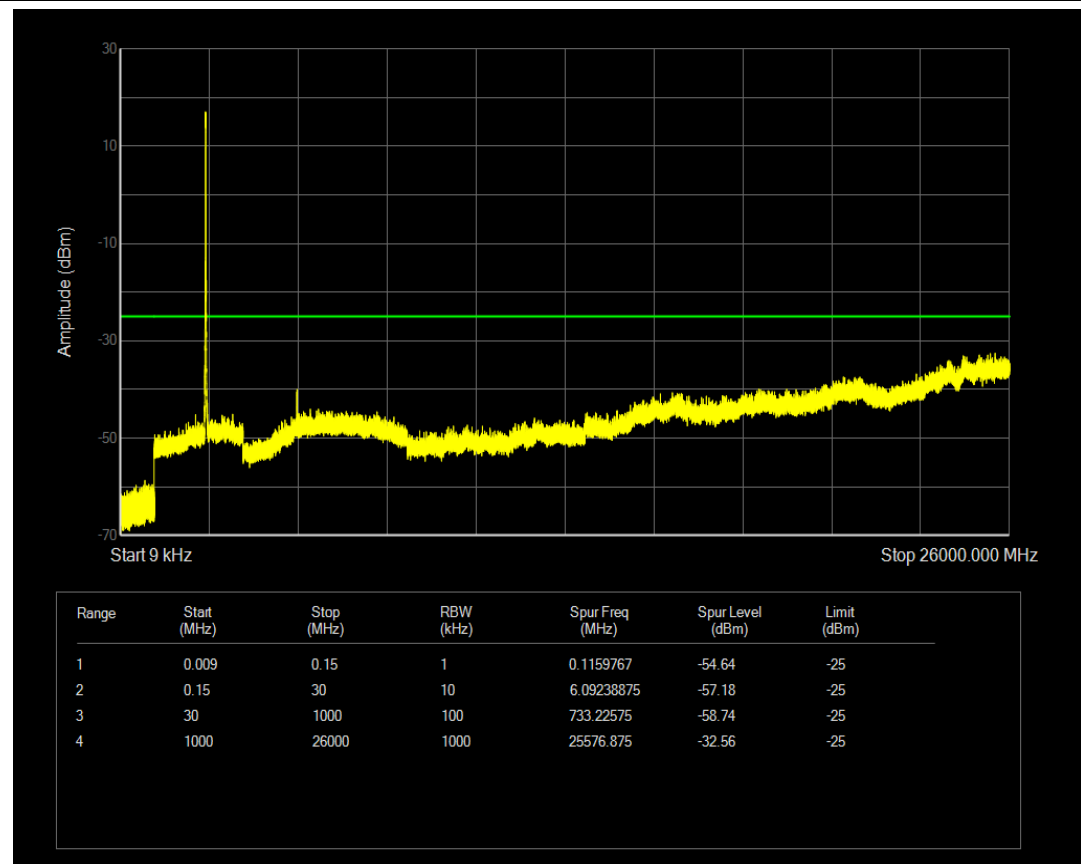


Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



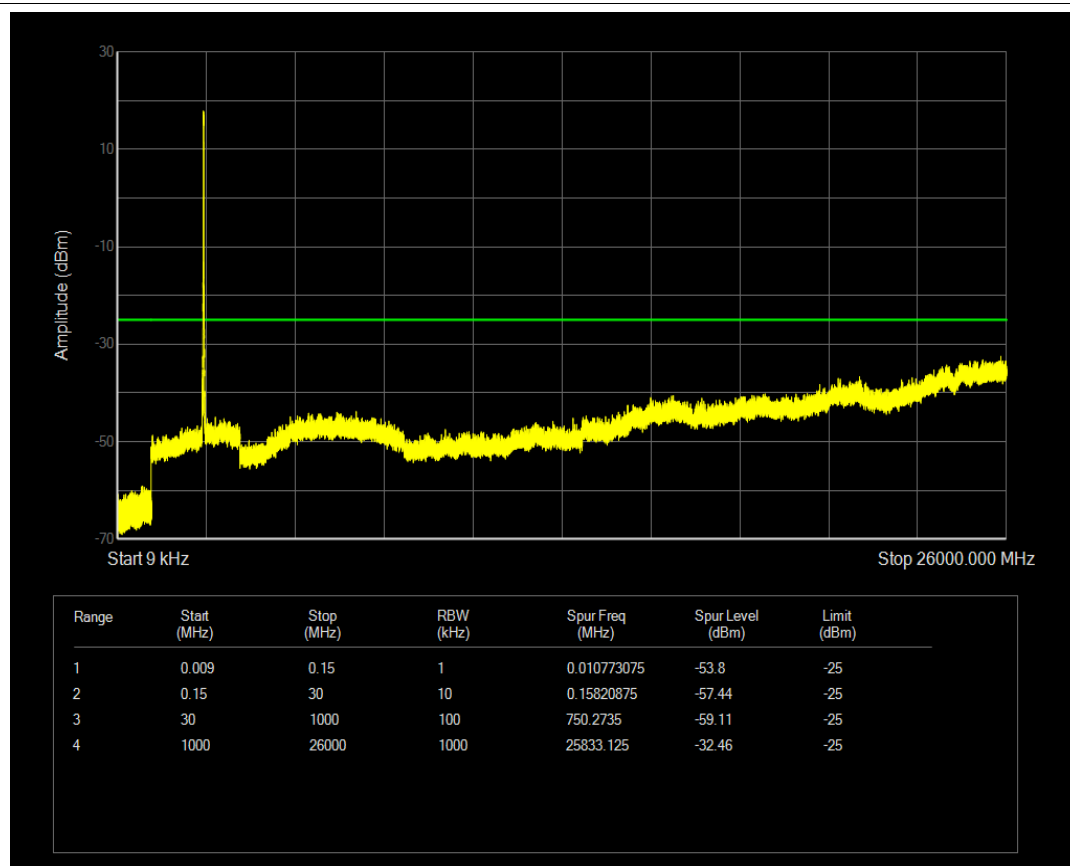


Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

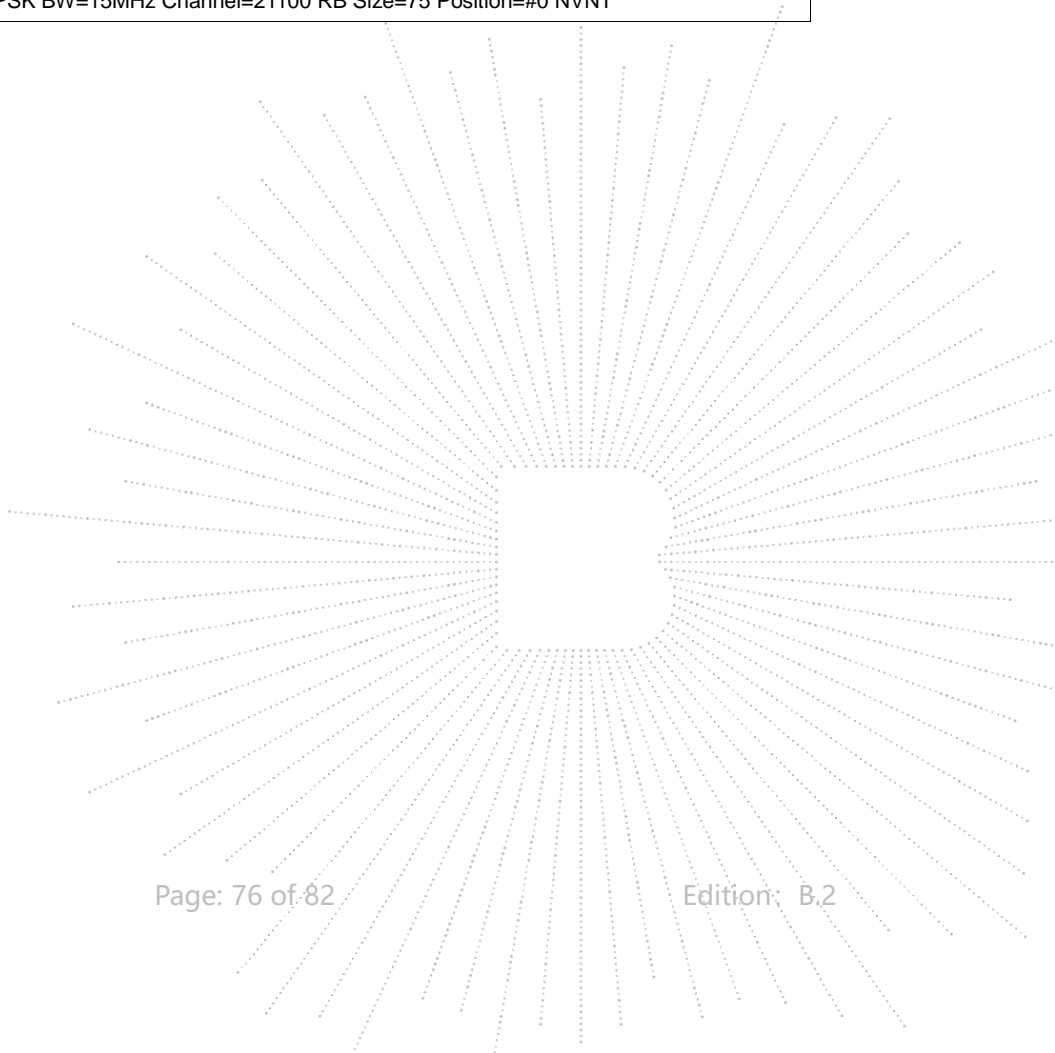


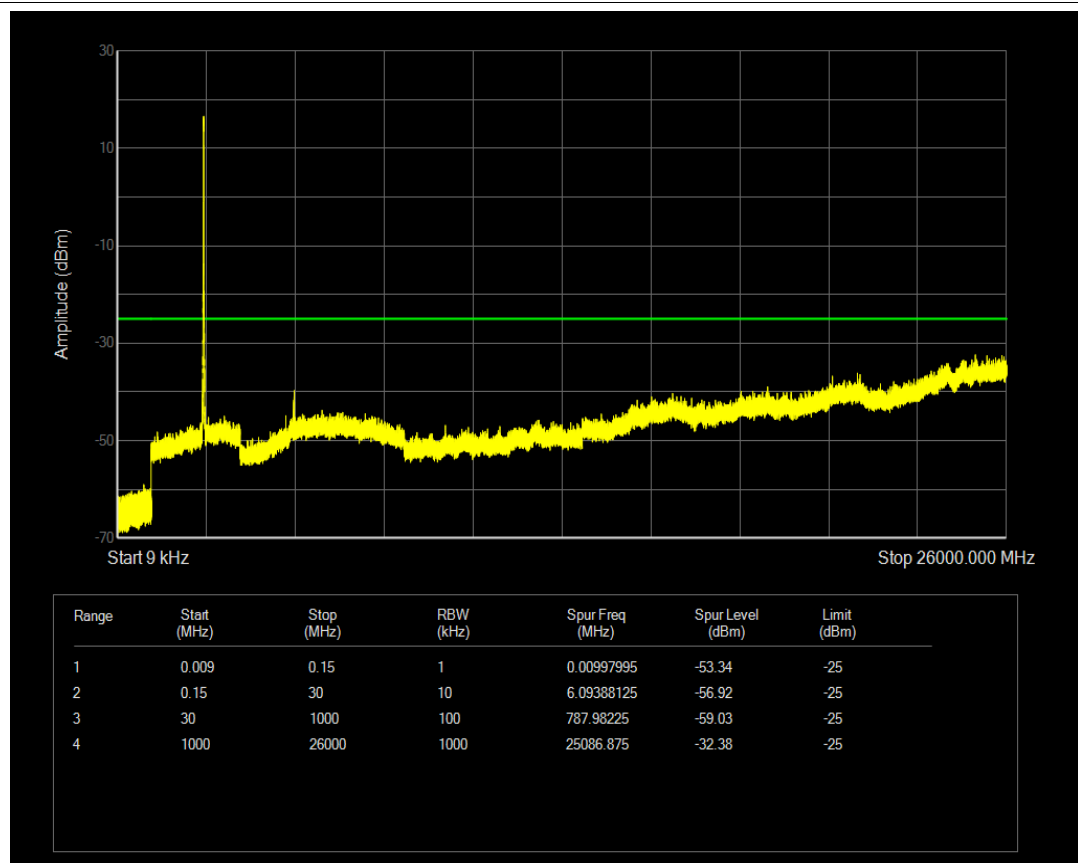


Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

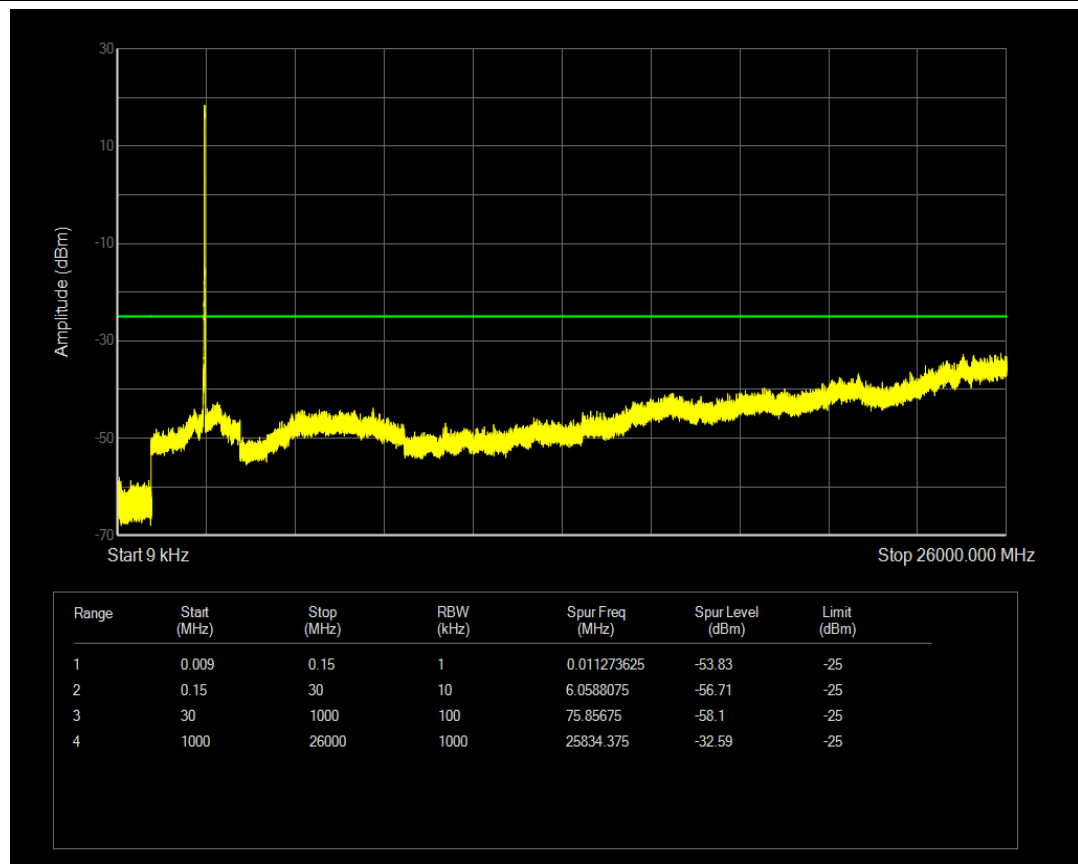


Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT

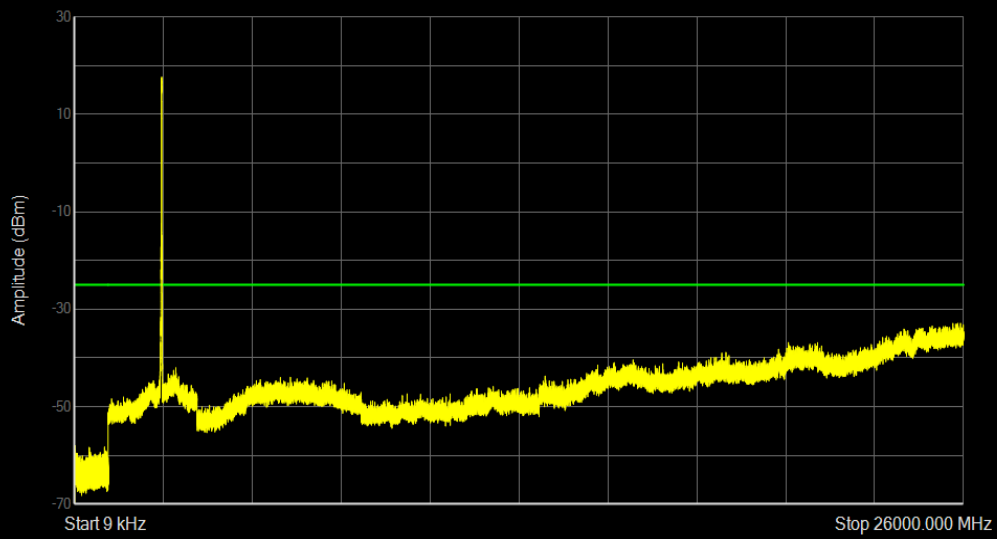




Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT

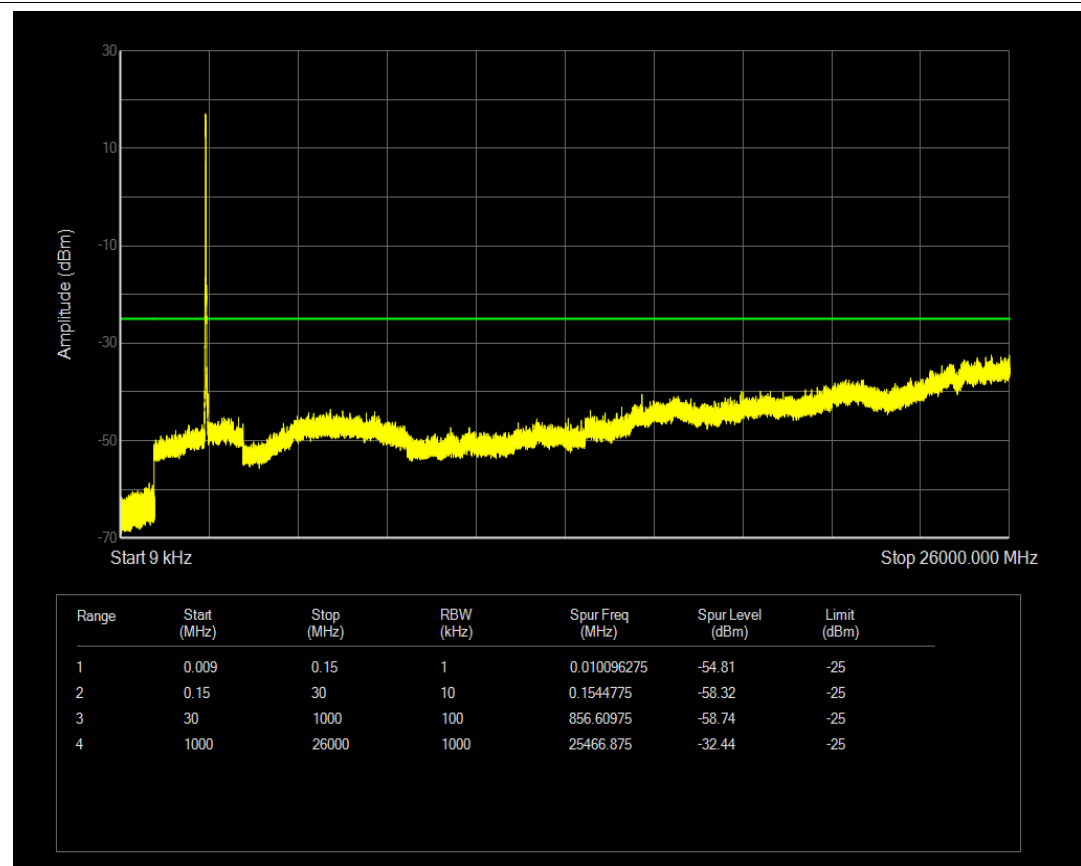


Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT

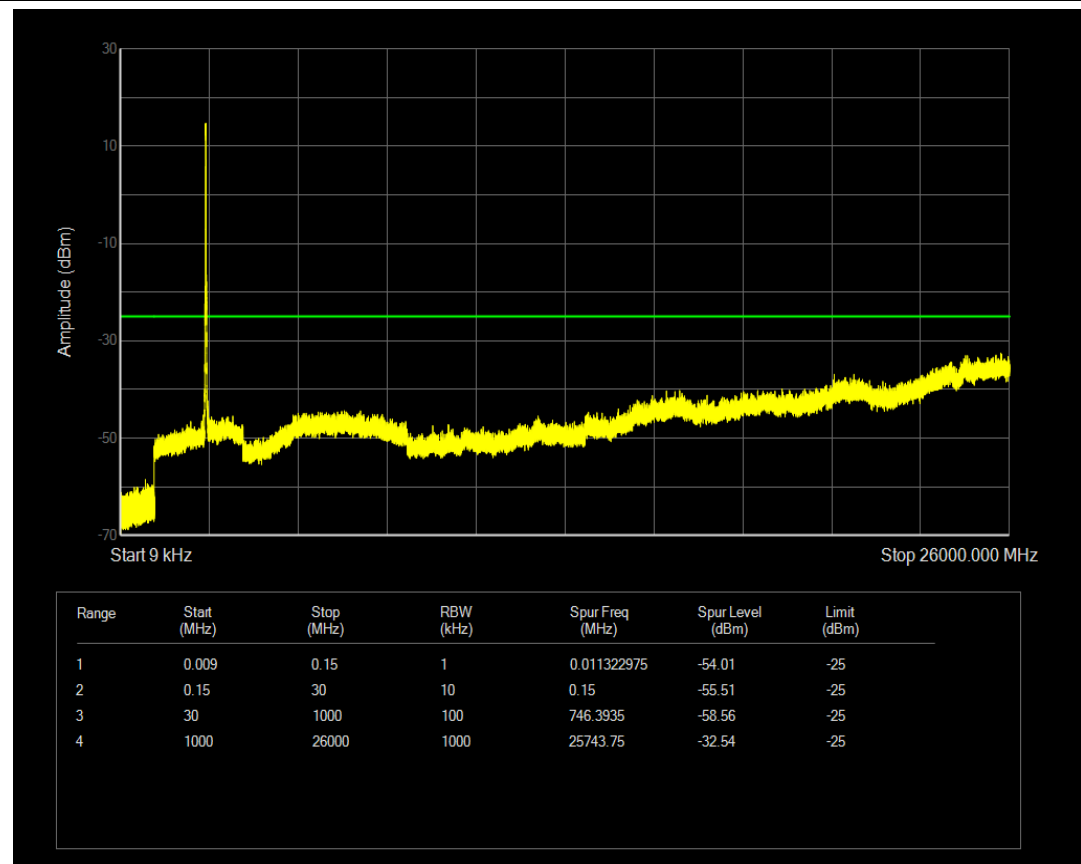


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009482925	-55.04	-25
2	0.15	30	10	6.1125375	-57.47	-25
3	30	1000	100	32.15825	-58.02	-25
4	1000	26000	1000	25831.25	-32.89	-25

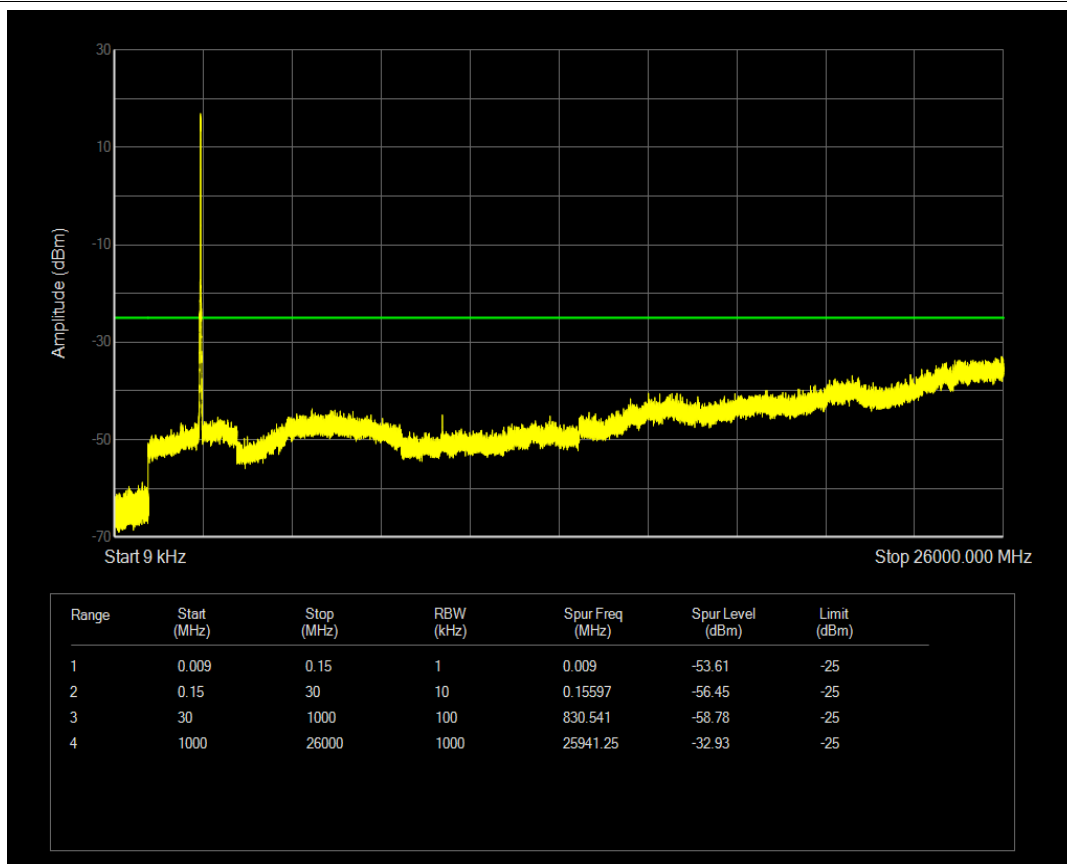
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



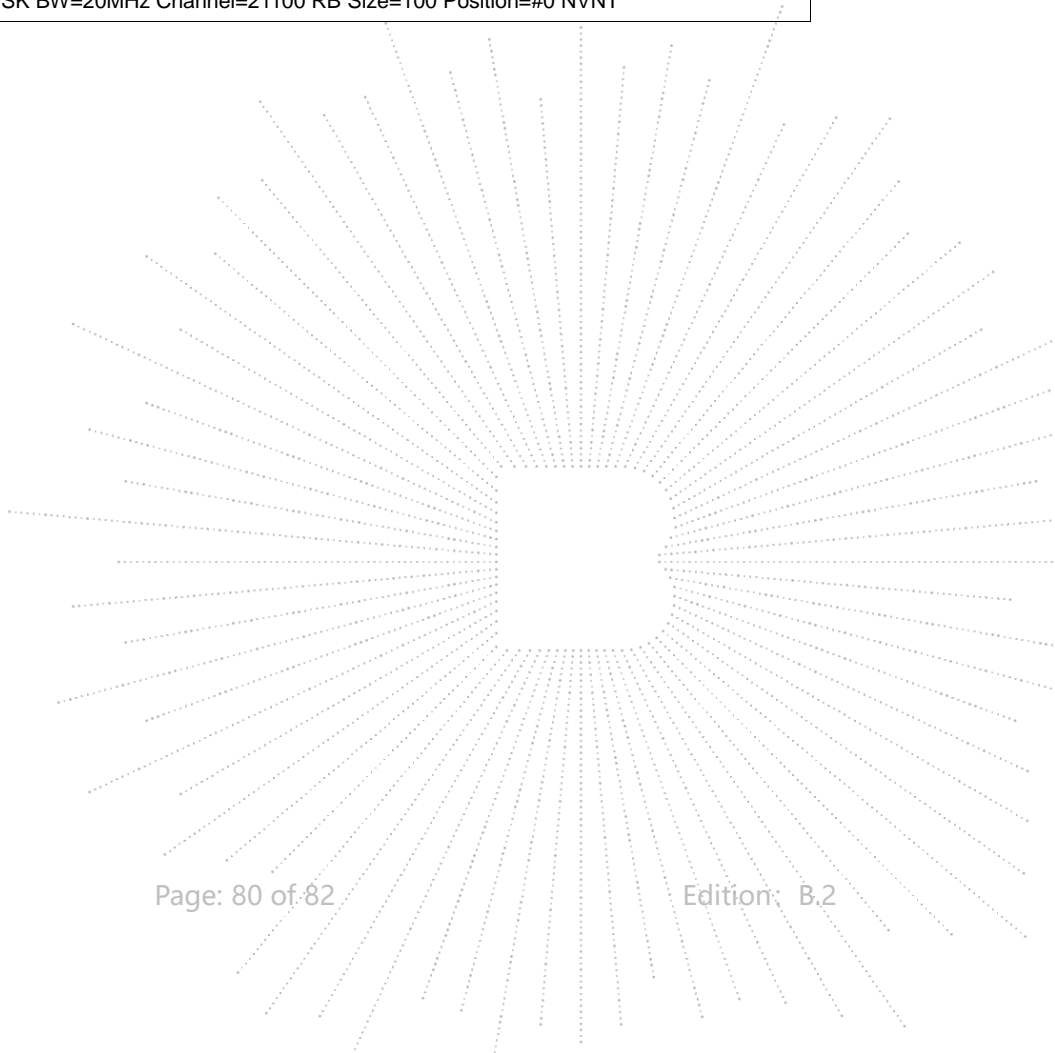
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

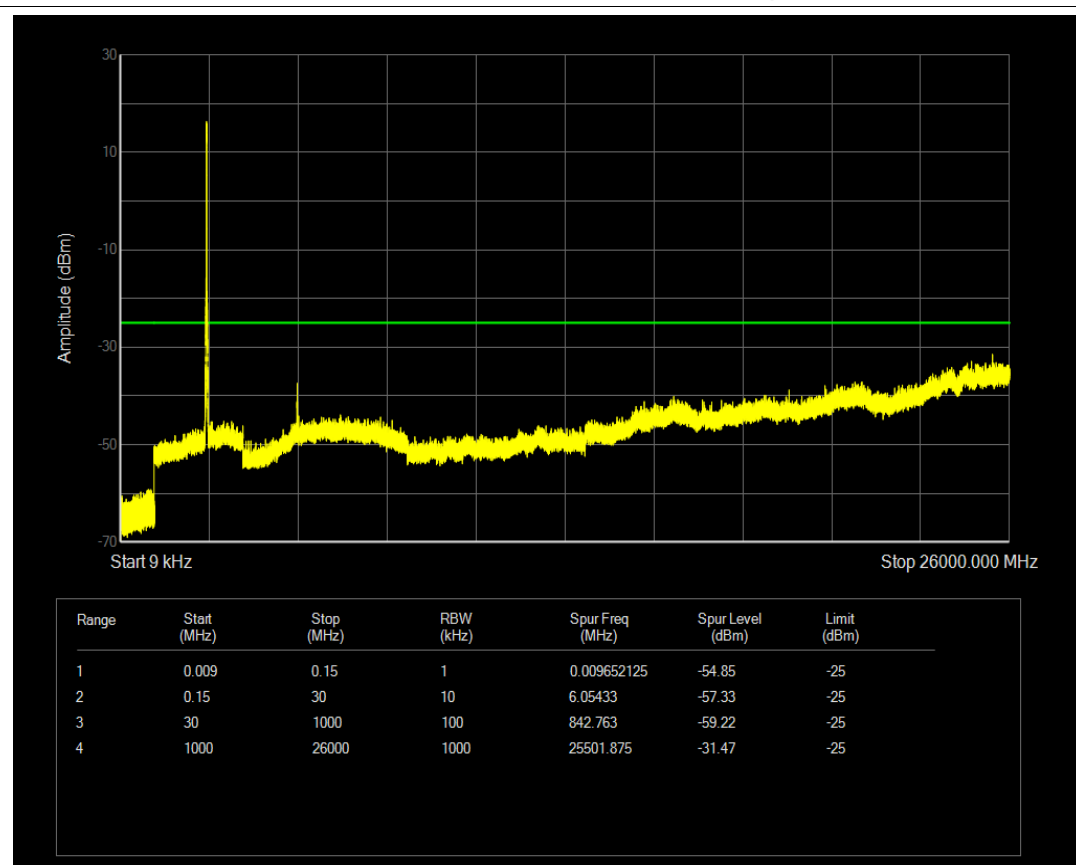


Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

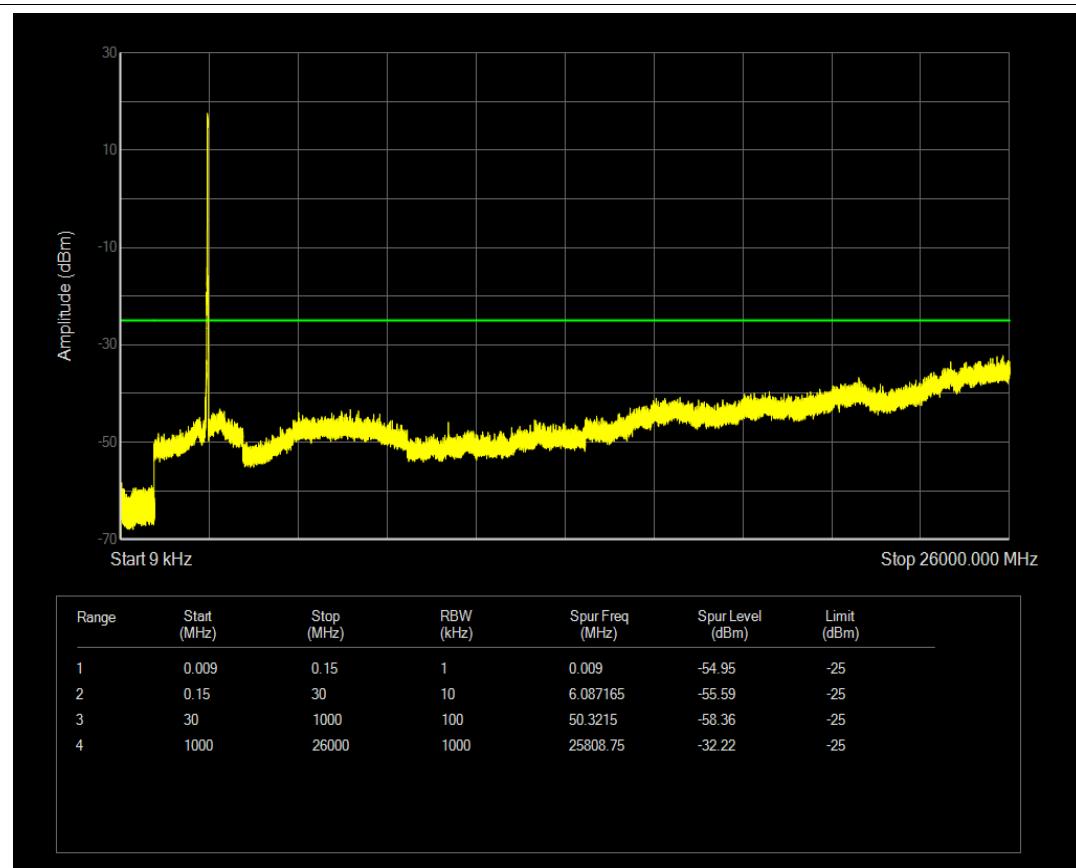


Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT

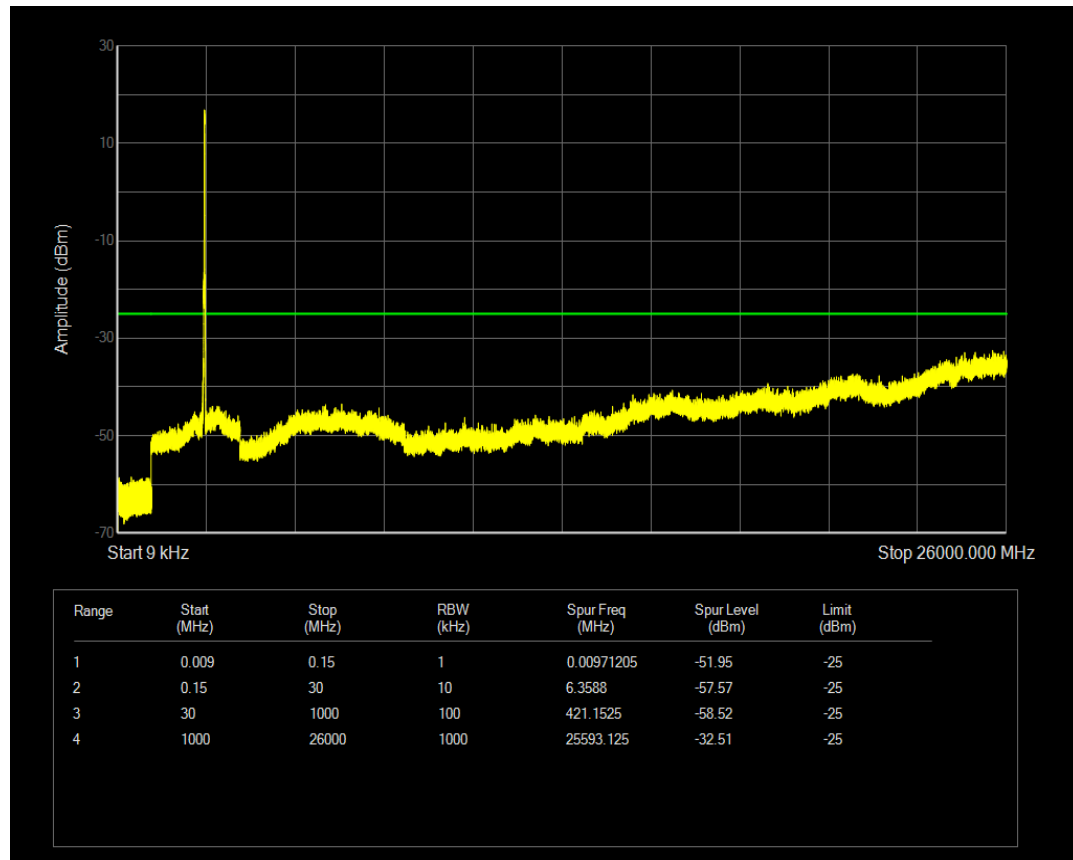




Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT

