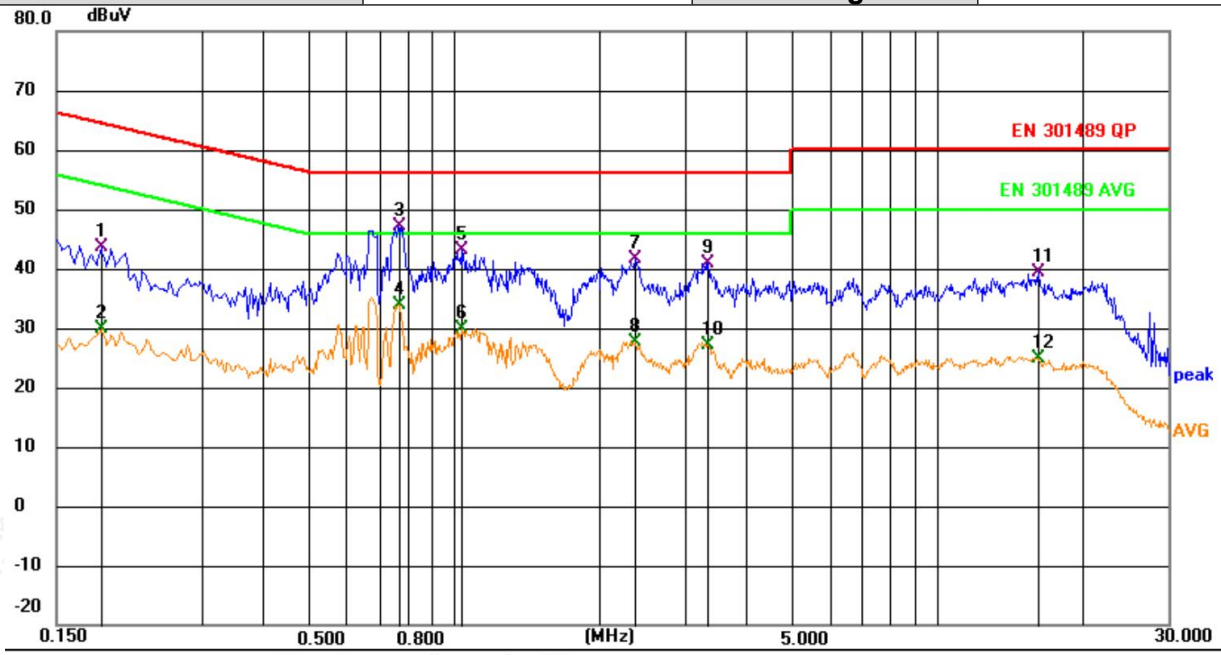
Appendix A for Emission and Immunity test results

Product Name: Smartphone

Test Model: NOTE 40

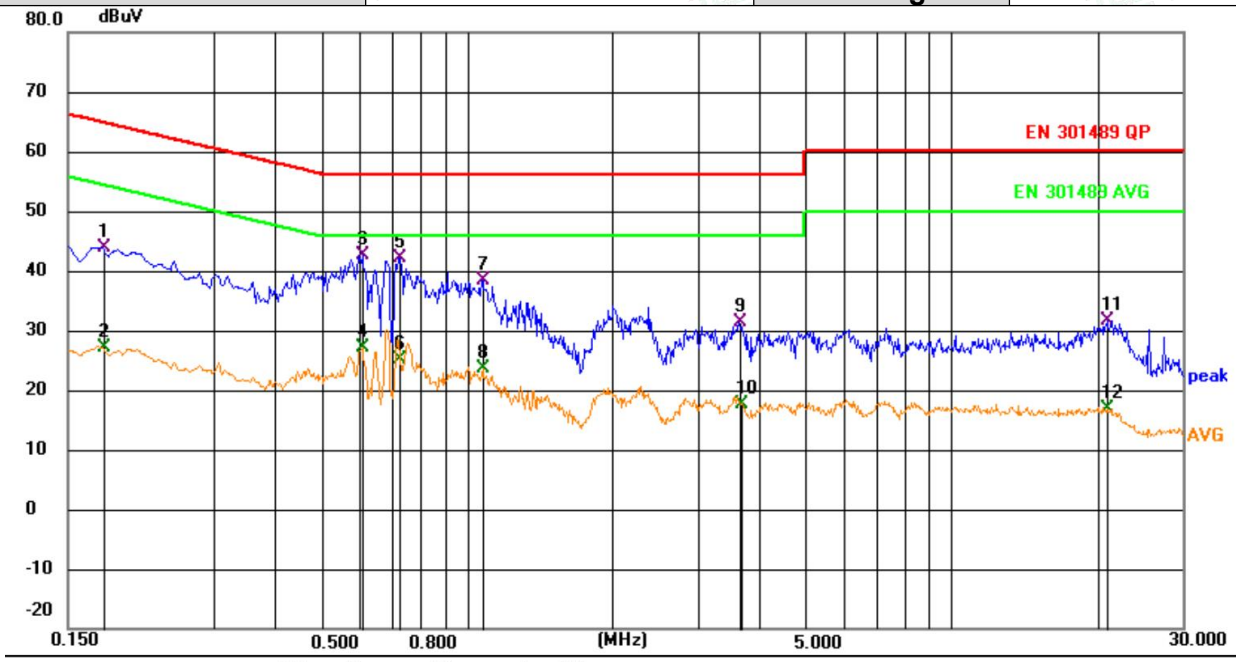
A.1 Line Conducted Emission

Test Model	NOTE 40	Test Mode	TM1
Environmental Conditions	22.5℃, 53.7% RH	Test Engineer	Taylor Hu
Pol.	Line	Test Voltage	AC 230V/50Hz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1861	23.89	19.63	43.52	64.21	-20.69	QP	
2		0.1861	10.20	19.63	29.83	54.21	-24.38	AVG	
3	*	0.7665	27.60	19.64	47.24	56.00	-8.76	QP	
4		0.7665	14.17	19.64	33.81	46.00	-12.19	AVG	
5		1.0320	23.46	19.65	43.11	56.00	-12.89	QP	
6		1.0320	10.12	19.65	29.77	46.00	-16.23	AVG	
7		2.3594	21.99	19.68	41.67	56.00	-14.33	QP	
8		2.3594	8.01	19.68	27.69	46.00	-18.31	AVG	
9		3.3316	21.10	19.70	40.80	56.00	-15.20	QP	
10		3.3316	7.35	19.70	27.05	46.00	-18.95	AVG	
11		16.1701	19.51	19.93	39.44	60.00	-20.56	QP	
12		16.1701	4.93	19.93	24.86	50.00	-25.14	AVG	

Test Model	NOTE 40	Test Mode	TM1
Environmental Conditions	22.5℃, 53.7% RH	Test Engineer	Taylor Hu
Pol.	Neutral	Test Voltage	AC 230V/50Hz

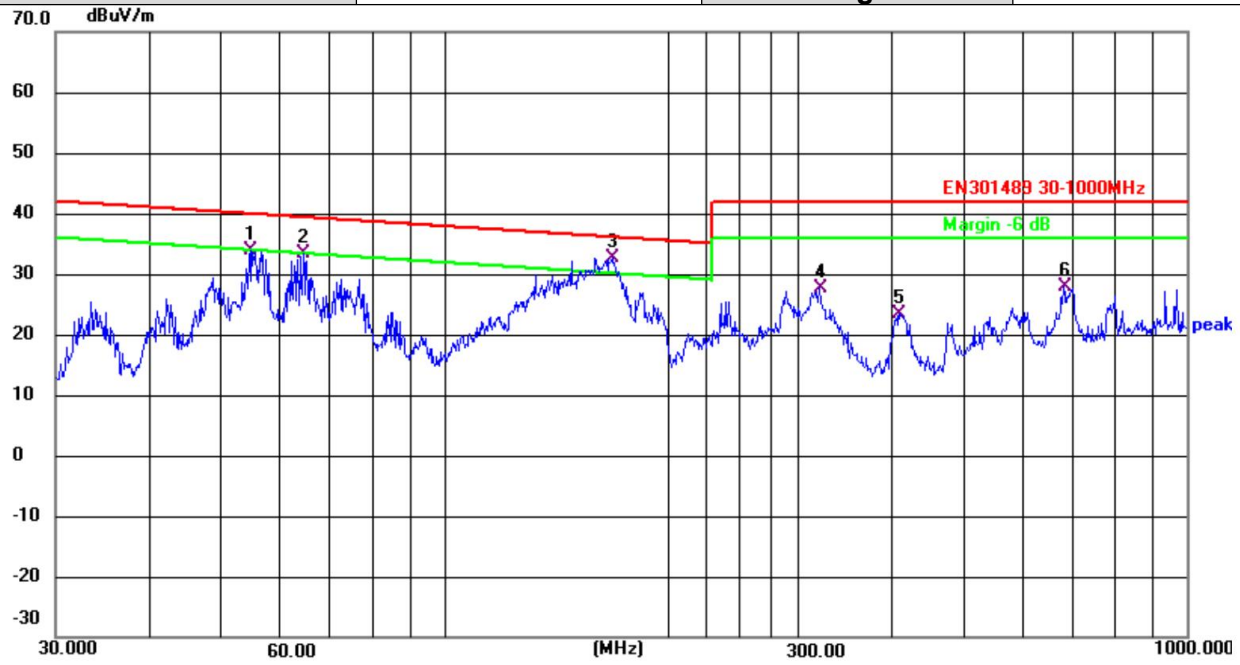


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1768	24.30	19.63	43.93	64.63	-20.70	QP	
2		0.1768	7.46	19.63	27.09	54.63	-27.54	AVG	
3	*	0.6075	23.00	19.66	42.66	56.00	-13.34	QP	
4		0.6075	7.58	19.66	27.24	46.00	-18.76	AVG	
5		0.7273	22.54	19.65	42.19	56.00	-13.81	QP	
6		0.7273	5.57	19.65	25.22	46.00	-20.78	AVG	
7		1.0766	18.85	19.65	38.50	56.00	-17.50	QP	
8		1.0766	3.99	19.65	23.64	46.00	-22.36	AVG	
9		3.6418	11.49	19.78	31.27	56.00	-24.73	QP	
10		3.6611	-2.19	19.78	17.59	46.00	-28.41	AVG	
11		20.9243	11.47	20.15	31.62	60.00	-28.38	QP	
12		20.9243	-3.21	20.15	16.94	50.00	-33.06	AVG	

Note: For conducted emission and radiated emission test, a power supply of 230VAC and 120VAC was used for testing respectively, and only recorded the worst case of 230VAC.
Margin= Reading Level + Correct Factor – Limit
Correct Factor=Lisn Factor+Cable Factor

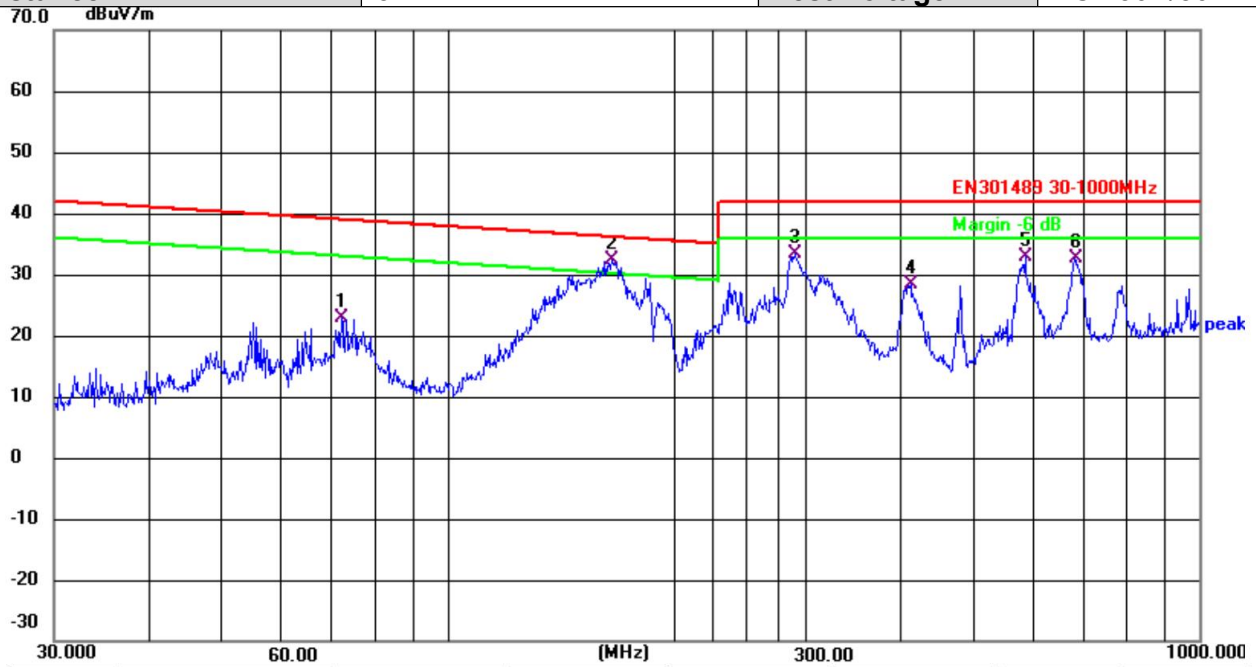
A.3 Radiated Disturbance

Test Model	NOTE 40	Test Mode	TM1
Environmental Conditions	23.8℃, 52.1% RH	Test Engineer	Taylor Hu
Pol.	Vertical	Detector Function	Quasi-peak
Distance	3m	Test Voltage	AC 230V/50Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	54.8348	51.73	-17.92	33.81	39.93	-6.12	QP
2	64.6594	52.41	-19.14	33.27	39.36	-6.09	QP
3	168.4137	52.28	-19.56	32.72	36.07	-3.35	QP
4	319.9369	42.02	-14.48	27.54	42.00	-14.46	QP
5	410.3824	37.92	-14.42	23.50	42.00	-18.50	QP
6	682.3484	38.84	-11.03	27.81	42.00	-14.19	QP

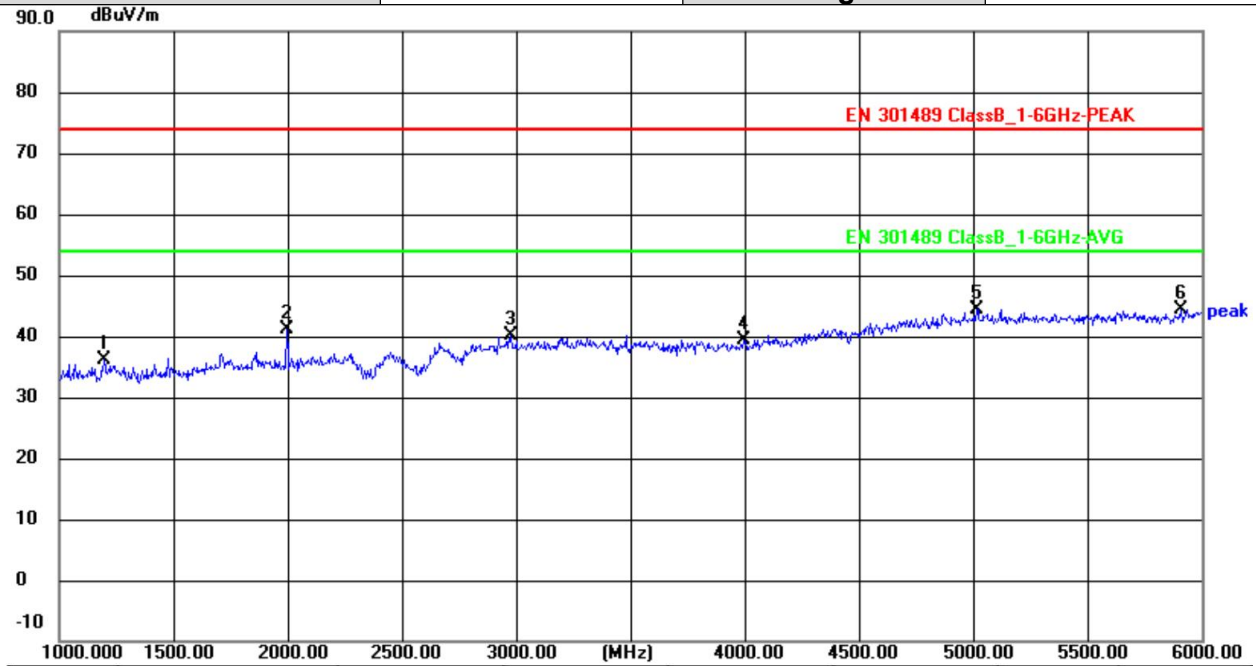
Test Model	NOTE 40	Test Mode	TM1
Environmental Conditions	23.8℃, 52.1% RH	Test Engineer	Taylor Hu
Pol.	Horizontal	Detector Function	Quasi-peak
Distance	3m	Test Voltage	AC 230V/50Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	72.3375	42.44	-19.56	22.88	38.98	-16.10	QP
2	165.4866	51.99	-19.60	32.39	36.13	-3.74	QP
3	290.0172	48.87	-15.52	33.35	42.00	-8.65	QP
4	413.2706	42.29	-13.98	28.31	42.00	-13.69	QP
5	586.8436	43.55	-10.66	32.89	42.00	-9.11	QP
6	682.3484	43.56	-11.03	32.53	42.00	-9.47	QP

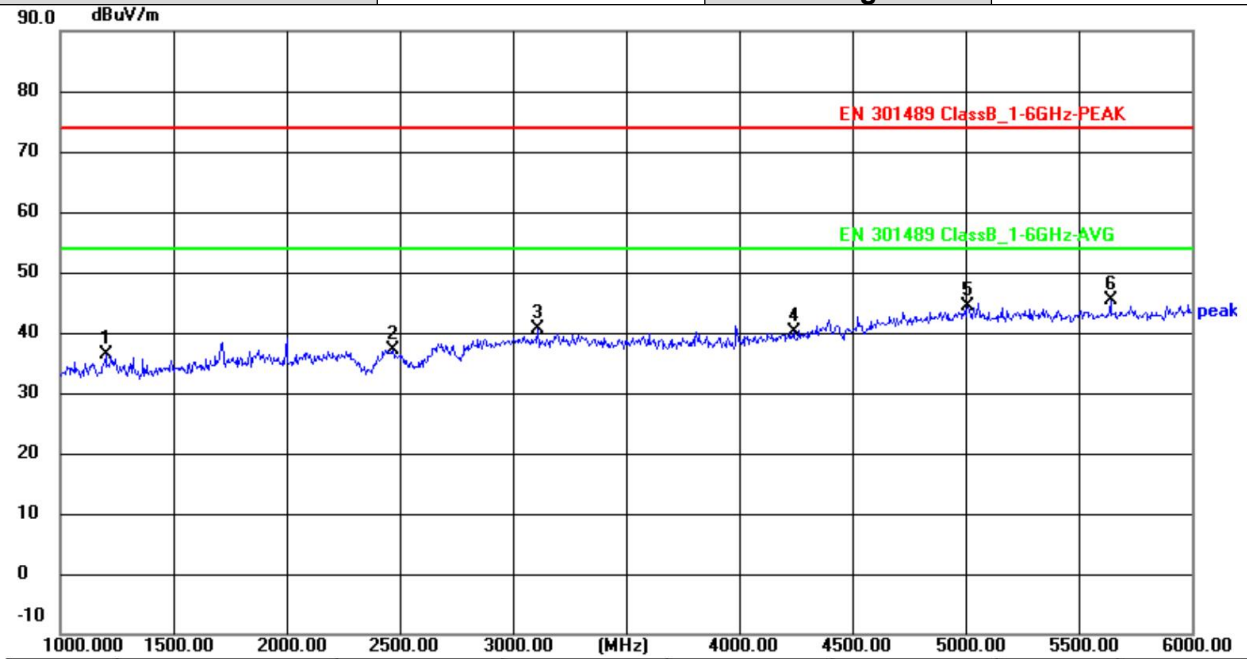
Note: Margin= Reading Level + Correct Factor – Limit
Correct Factor=Antenna Factor+Cable Factor – Pre-Amplifier Factor

Test Model	NOTE 40	Test Mode	TM1(Above 1GHz)
Environmental Conditions	23.9℃, 52.1% RH	Test Engineer	Taylor Hu
Pol.	Vertical	Detector Function	Peak + AV
Distance	3m	Test Voltage	AC 230V/50Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1195.000	51.36	-15.21	36.15	74.00	-37.85	peak
2	1995.000	54.29	-13.13	41.16	74.00	-32.84	peak
3	2975.000	49.70	-9.68	40.02	74.00	-33.98	peak
4	3995.000	47.97	-8.55	39.42	74.00	-34.58	peak
5	5015.000	48.58	-4.09	44.49	74.00	-29.51	peak
6	5910.000	47.96	-3.60	44.36	74.00	-29.64	peak

Test Model	NOTE 40	Test Mode	TM1(Above 1GHz)
Environmental Conditions	23.9℃, 52.1% RH	Test Engineer	Taylor Hu
Pol.	Horizontal	Detector Function	Peak + AV
Distance	3m	Test Voltage	AC 230V/50Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1200.000	51.51	-15.21	36.30	74.00	-37.70	peak
2	2470.000	48.58	-11.45	37.13	74.00	-36.87	peak
3	3110.000	50.20	-9.55	40.65	74.00	-33.35	peak
4	4240.000	47.78	-7.60	40.18	74.00	-33.82	peak
5	5010.000	48.41	-4.11	44.30	74.00	-29.70	peak
6	5640.000	48.70	-3.34	45.36	74.00	-28.64	peak

Note:
1. Field strength limits for frequency above 1000MHz are based on average limits. However, Peak mode field strength shall not exceed the average limits specified plus 20dB.
2. Measurements above show only up to 6 maximum emissions noted.
3. Data of measurement within this frequency range shown " -- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
4. Factor = Antenna Factor + Cable Loss + Amplifier Factor
   Emission Level = Reading level + Factor
   Margin = Emission Level - Limit

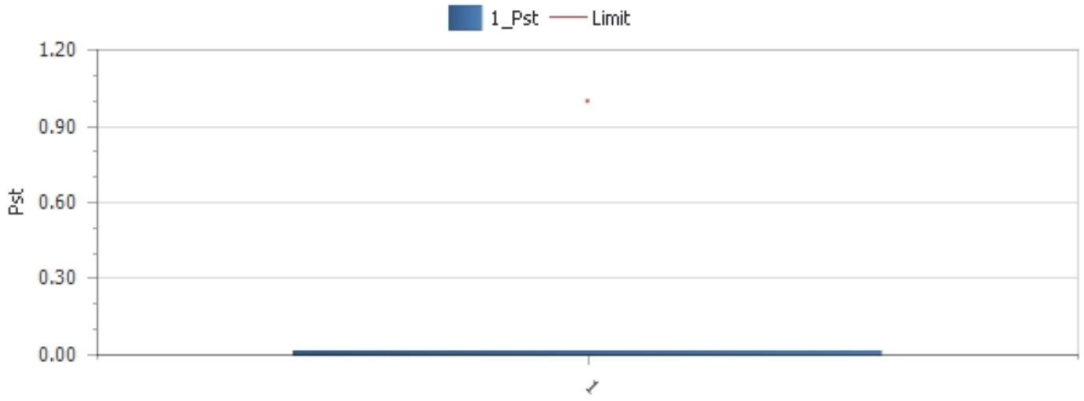
A.4 Harmonic Current Emissions

Because power of EUT less than 75W, according to standard EN 61000-3-2, Harmonic current unnecessary to test.

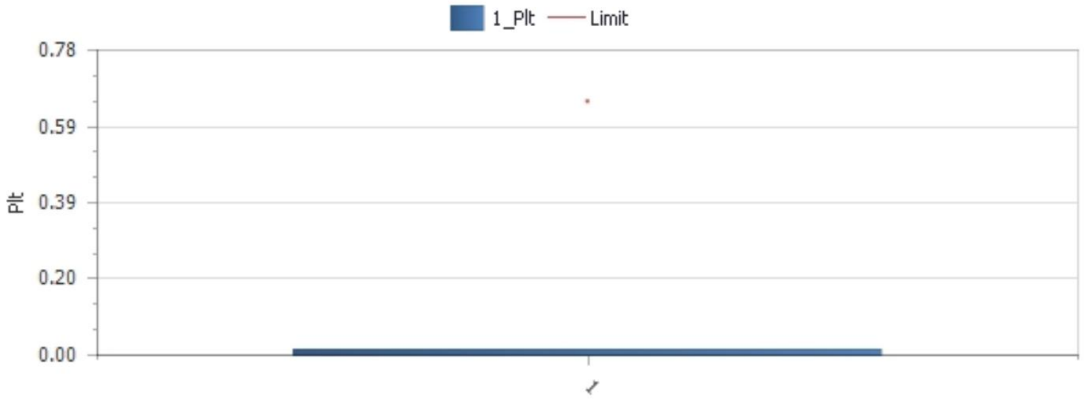
A.5 Voltage Fluctuation and Flicker

Test Model	NOTE 40	Test Mode	TM1
Test Engineer	Taylor Hu	Test Voltage	AC 230V/50Hz
Environmental Conditions	23.2℃, 55.4% RH		

Pst and Limit



Plt and Limit



Relevant Parameter and Judgement During Test Period

Vrms at the end of test(V)	229.94			
Error Max(%)		Test Limit(%)		
T-max(ms)	0.00	Test Limit(ms)	500	Pass
dc(%)	0.00	Test Limit(%)	3.30	Pass
dmax(%)	0.00	Test Limit(%)	4.00	Pass
Pst	0.016	Test Limit	1.000	Pass
Plt	0.016	Test Limit	0.650	Pass

A.6 RF Electromagnetic Field (80 MHz - 6000 MHz)

Test Model	NOTE 40	Test Engineer	Taylor Hu
Environmental Conditions	23.2℃, 52.4% RH	Test Voltage	AC 230V/50Hz

TM1-TM18 Test Result:

EUT Working Mode	Antenna Polarity	Frequency (MHz)	Fielded Strength (V/m)	Observation	Position	Conclusion
GSM/GPRS/EGPRS 900 MHz, Traffic	Vertical	80-6000	3	CT, CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT, CR	Front, Right, Left, Back	Pass
GSM/GPRS/EGPRS 900 MHz, Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
DCS/GPRS/EGPRS 1800 MHz, Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
DCS/GPRS/EGPRS 1800 MHz, Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
WCDMA/ HSDPA/HSUPA Band I 2100 MHz, Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
WCDMA HSDPA/HSUPA Band I 2100MHz, Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
WCDMA/ HSDPA/HSUPA Band VIII 900MHz, Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
WCDMA HSDPA/HSUPA Band VIII 900MHz, Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
E-UTRA Band 1 Traffic	Vertical	80-6000	3	CT, CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT, CR	Front, Right, Left, Back	Pass
E-UTRA Band 1 Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
E-UTRA Band 3 Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
E-UTRA Band 3	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass

Idle	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
E-UTRA Band 7 Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
E-UTRA Band 7 Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
E-UTRA Band 8 Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
E-UTRA Band 8 Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
E-UTRA Band 20 Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
E-UTRA Band 20 Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
E-UTRA Band 28 Traffic	Vertical	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT,CR	Front, Right, Left, Back	Pass
E-UTRA Band 28 Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass

TM19-TM22 Test Result:

EUT Working Mode	Antenna Polarity	Frequency (MHz)	Fielded Strength (V/m)	Observation	Position	Conclusion
Operating Mode	Vertical	80-6000	3	CT, CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CT, CR	Front, Right, Left, Back	Pass

TM23-TM26 Test Result:

EUT Working Mode	Antenna Polarity	Frequency (MHz)	Fielded Strength (V/m)	Observation	Position	Conclusion
Operating Mode	Vertical	80-6000	3	CR	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	CR	Front, Right, Left, Back	Pass
	Vertical	80MHz;104MHz; 136MHz;165MHz; 200MHz;260MHz; 330MHz;430MHz; 560MHz; 715MHz ± 1MHz; 920MHz ± 1MHz (spot test)	3	CR	Front, Right, Left, Back	Pass
	Horizontal	80MHz;104MHz; 136MHz;165MHz; 200MHz;260MHz; 330MHz;430MHz; 560MHz; 715MHz ± 1MHz; 920MHz ± 1MHz (spot test)	3	CR	Front, Right, Left, Back	Pass

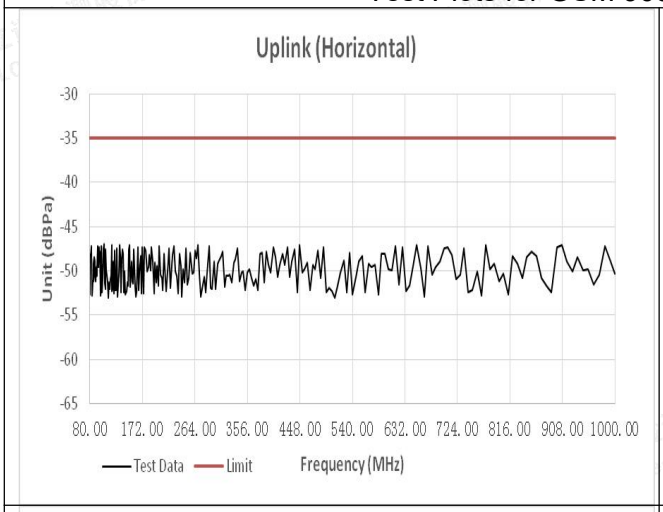
TM27-TM32 Test Result:

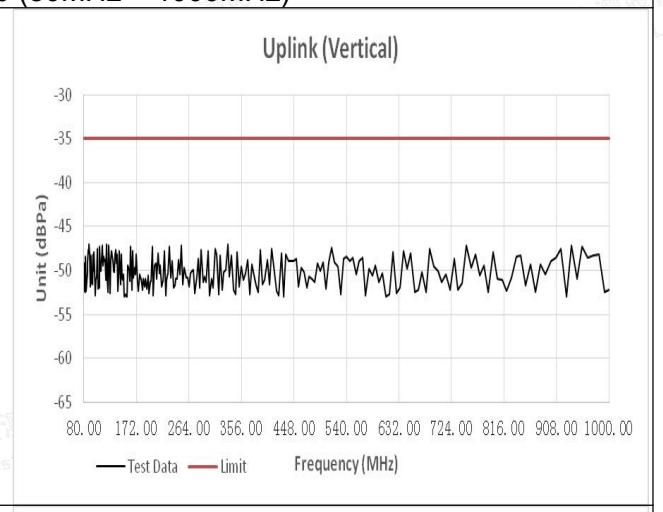
EUT Working Mode	Antenna Polarity	Frequency (MHz)	Fielded Strength (V/m)	Observation	Position	Conclusion
Operating Mode	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass
Idle	Vertical	80-6000	3	See Note	Front, Right, Left, Back	Pass
	Horizontal	80-6000	3	See Note	Front, Right, Left, Back	Pass

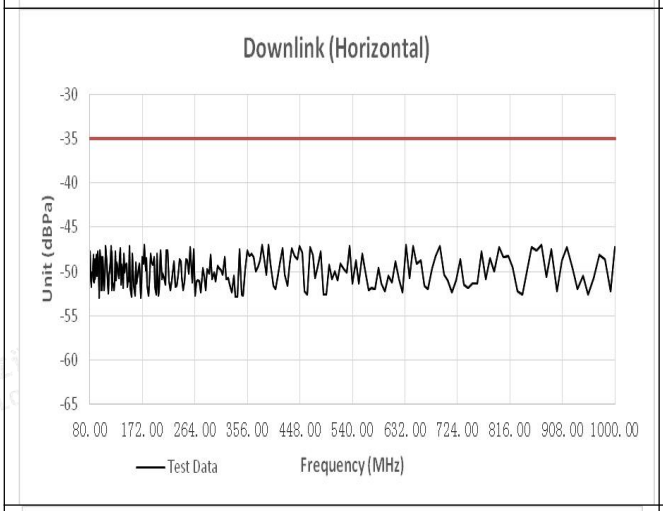
Special conditions for EMC immunity tests

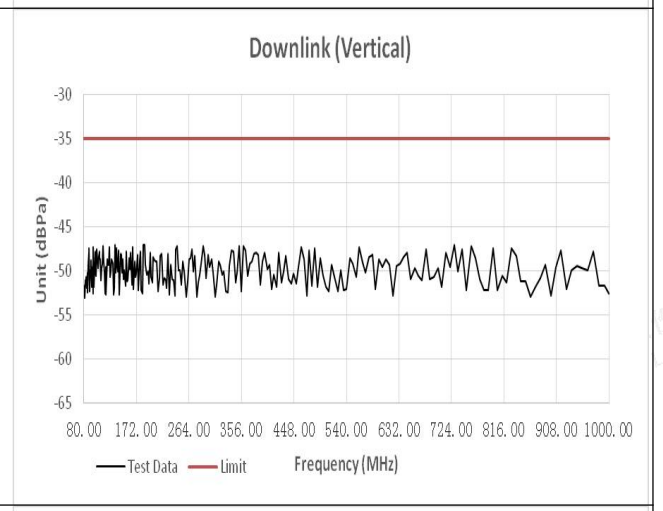
EUT Operating Mode		Polarity	Conclusion
GSM 900	Uplink	H	Pass
		V	Pass
	Downlink	H	Pass
		V	Pass
	RX Quality	H	Pass
		V	Pass
DCS 1800	Uplink	H	Pass
		V	Pass
	Downlink	H	Pass
		V	Pass
	RX Quality	H	Pass
		V	Pass
WCDMA HSDPA/HSUPA Band I 2100MHz	Uplink	H	Pass
		V	Pass
	Downlink	H	Pass
		V	Pass
	BER	H	Pass
		V	Pass
WCDMA HSDPA/HSUPA Band VIII 900MHz	Uplink	H	Pass
		V	Pass
	Downlink	H	Pass
		V	Pass
	BER	H	Pass
		V	Pass

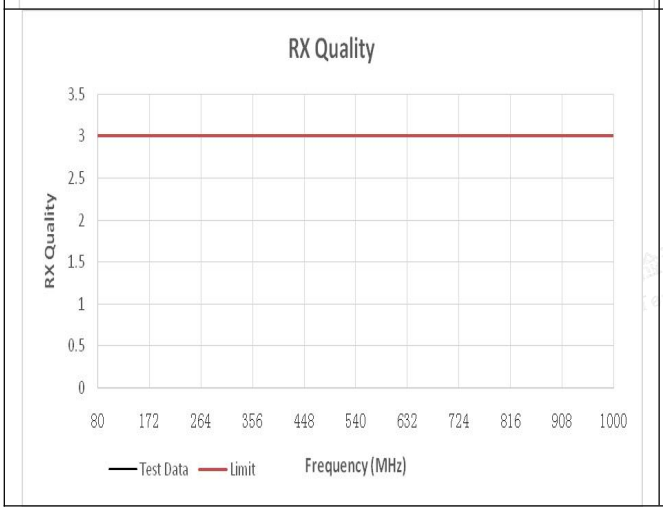
Test Plots for GSM 900 (80MHz ~ 1000MHz)

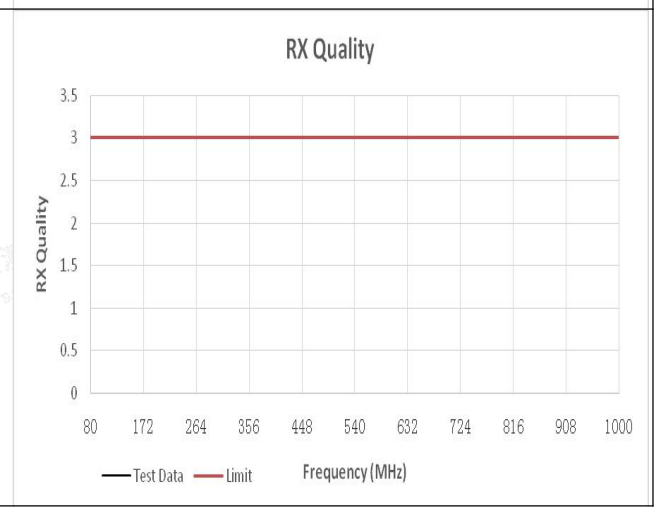




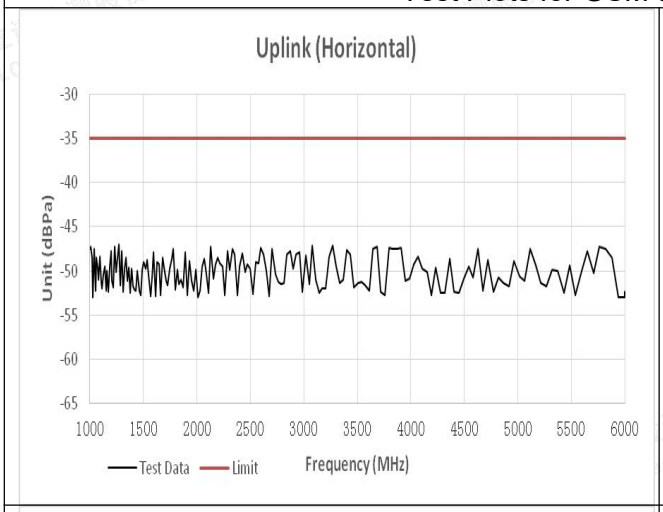


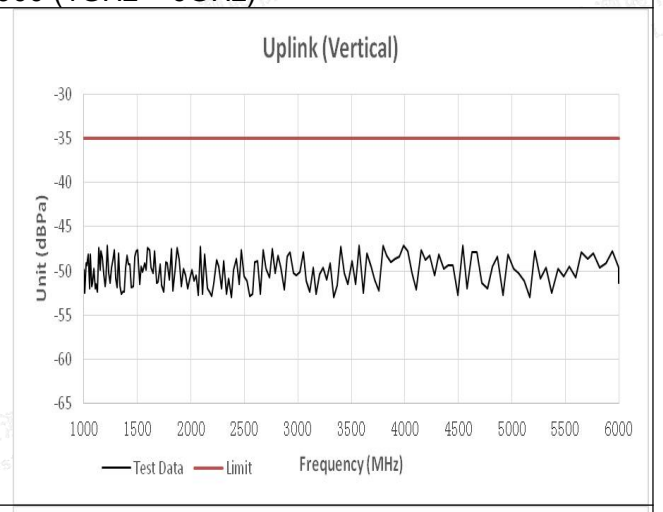


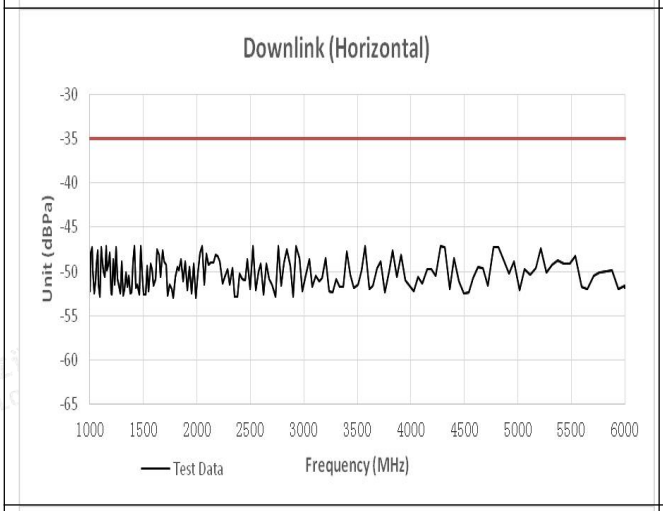


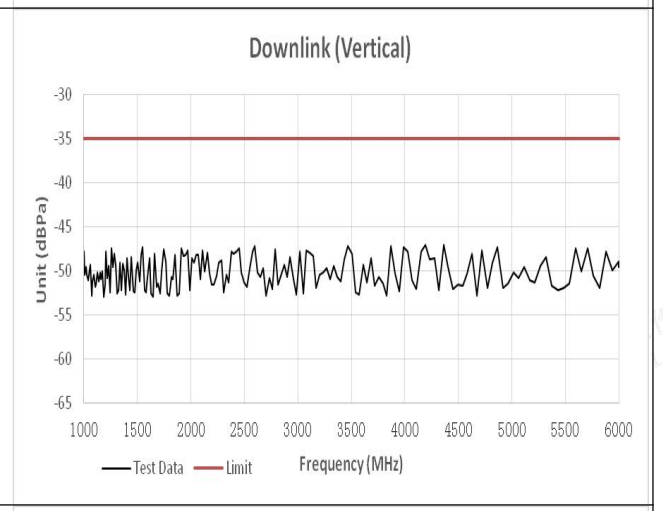


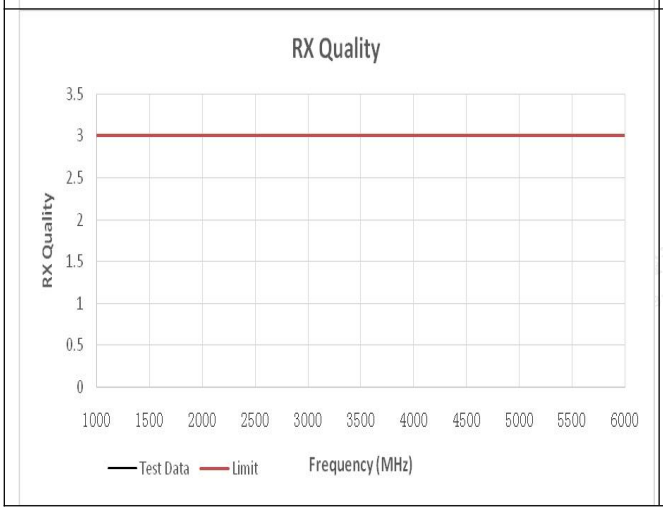
Test Plots for GSM 900 (1GHz ~ 6GHz)

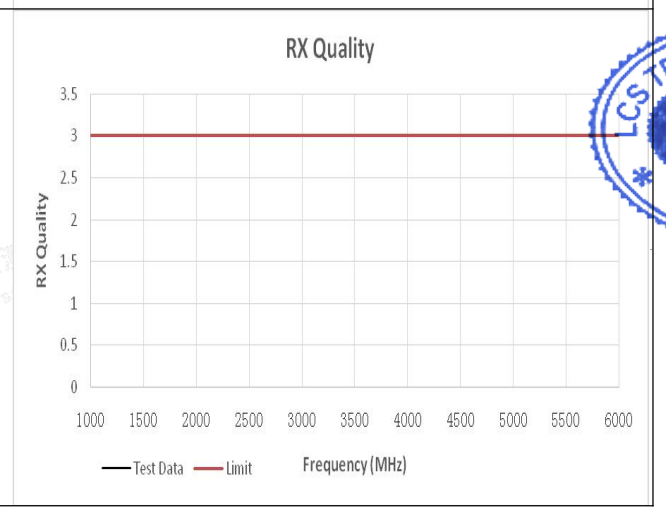




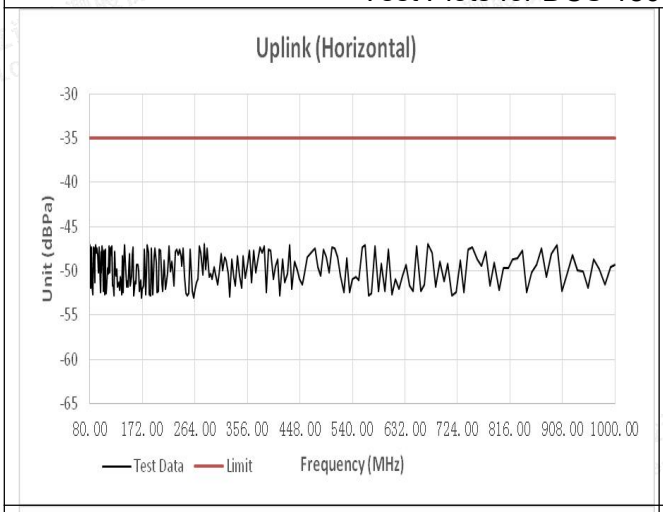


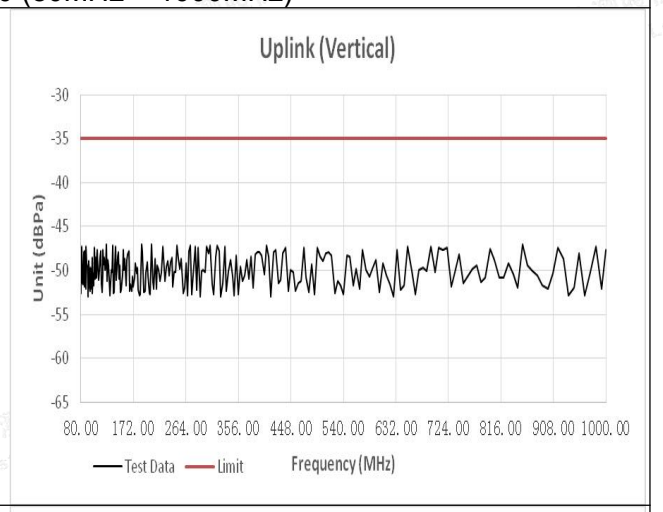


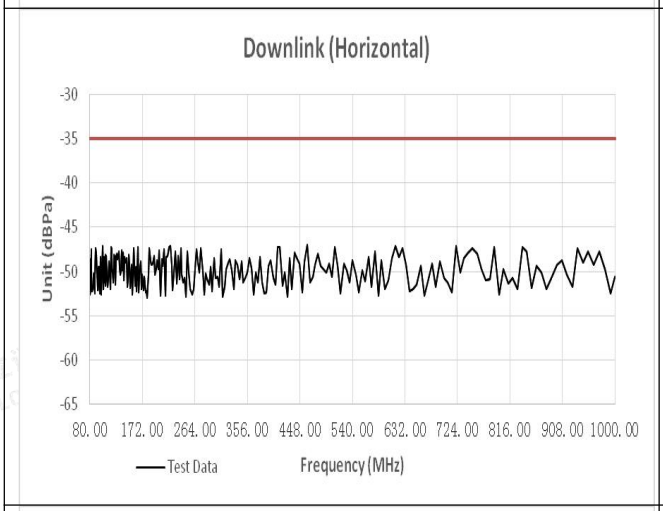


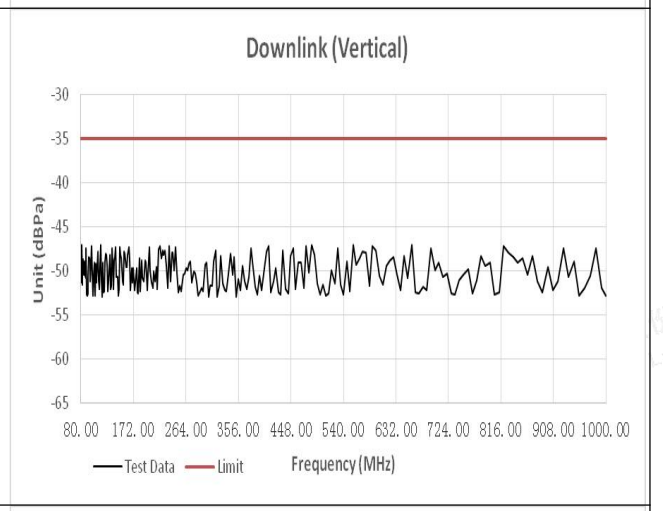


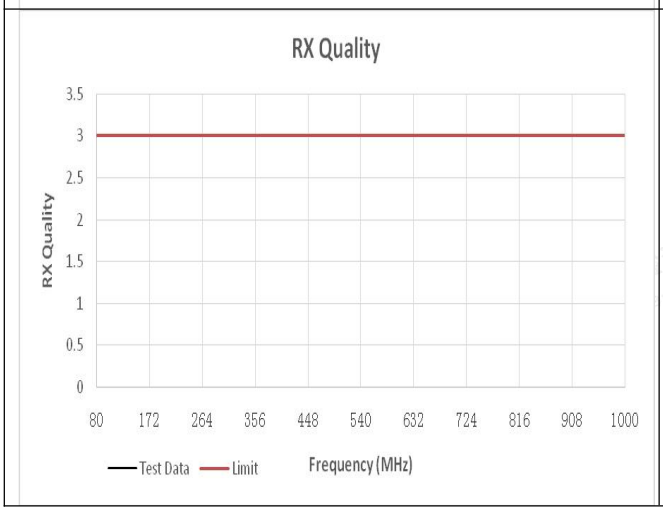
Test Plots for DCS 1800 (80MHz ~ 1000MHz)

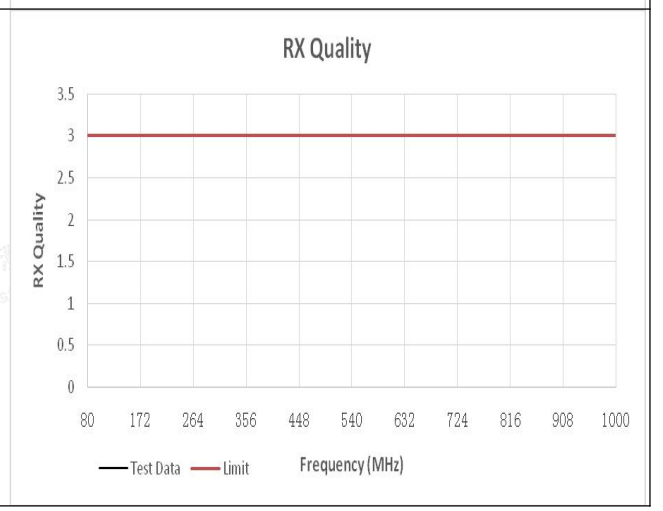




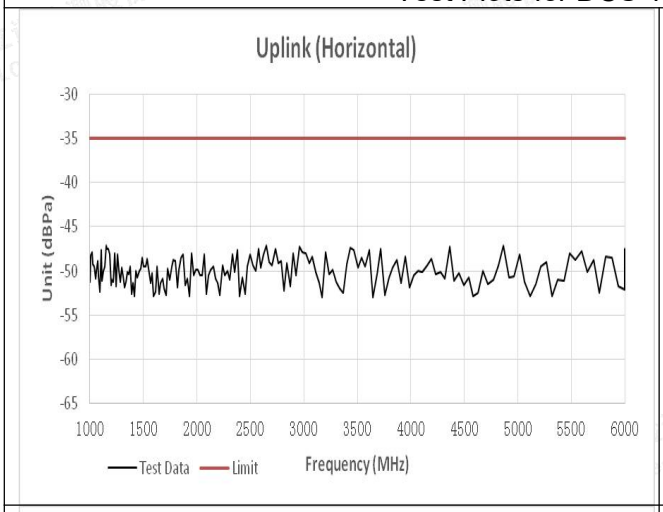


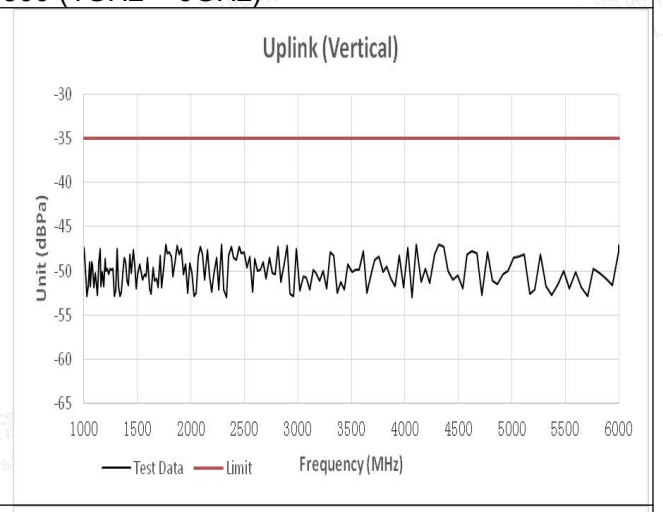


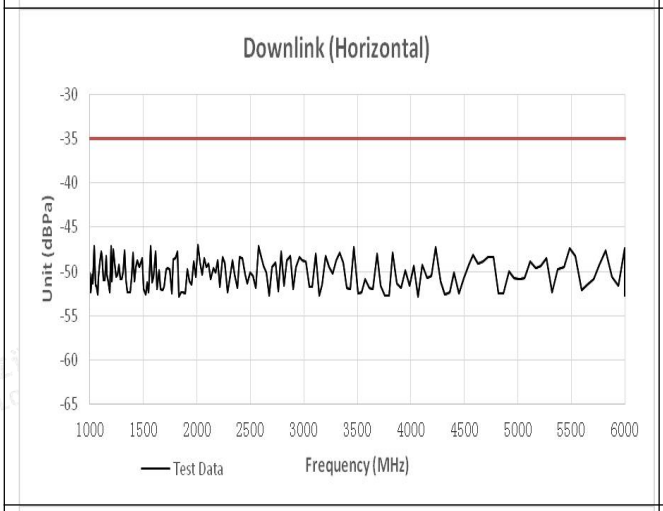


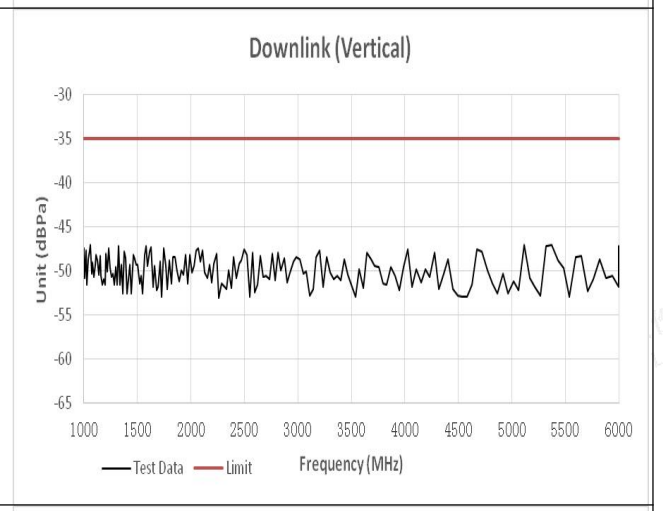


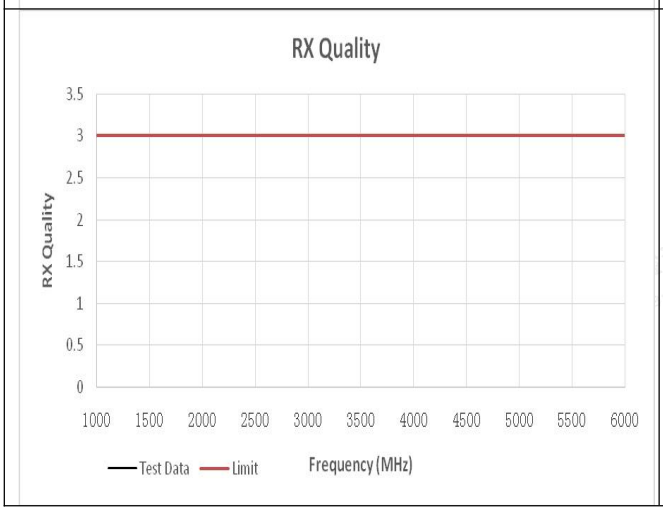
Test Plots for DCS 1800 (1GHz ~ 6GHz)

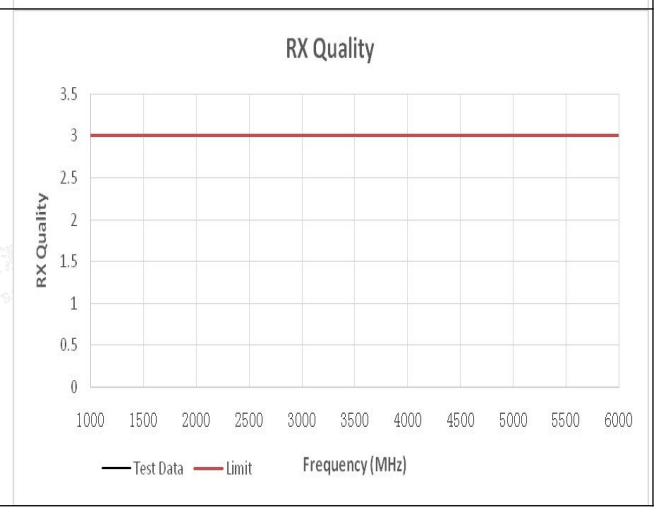




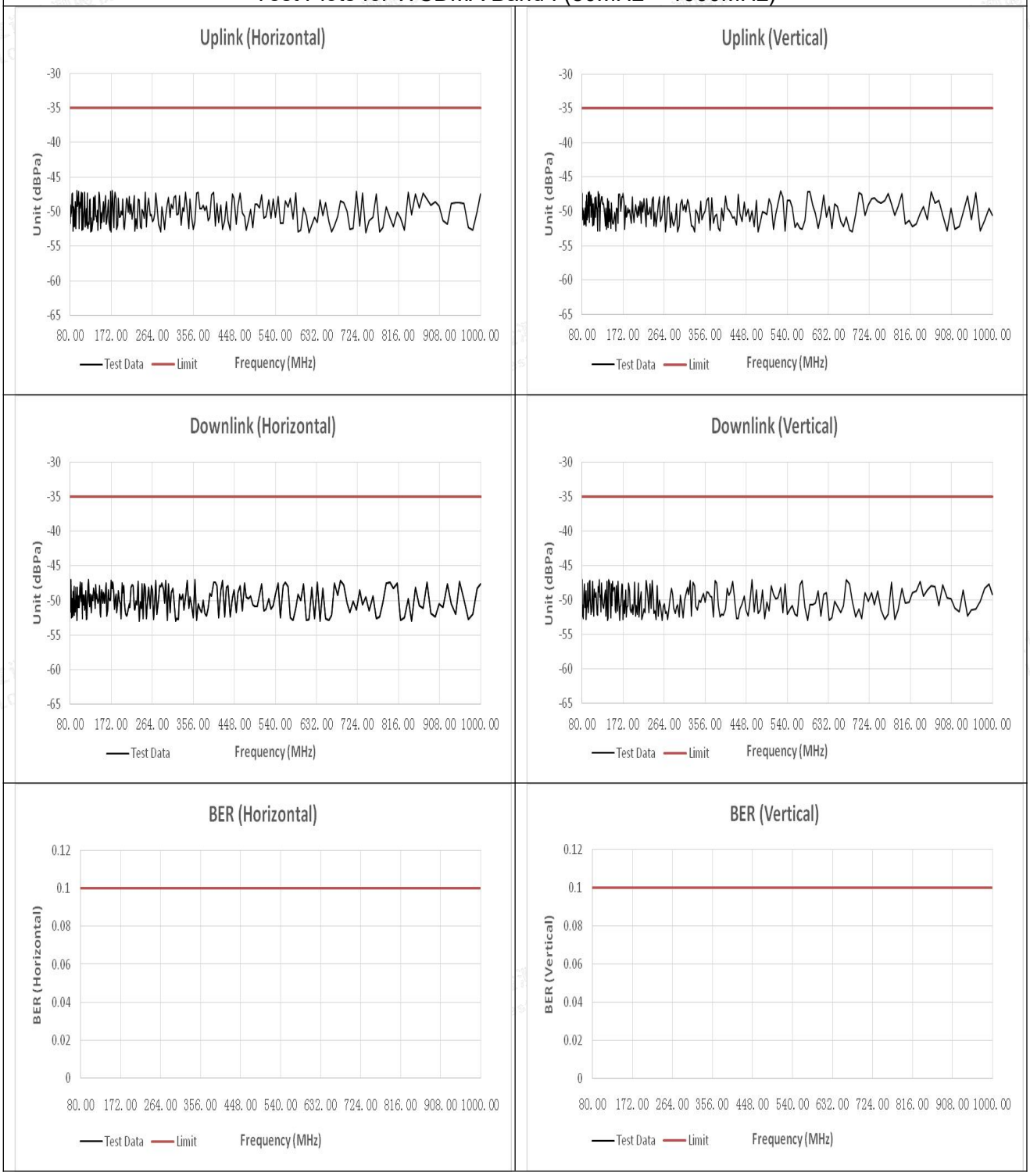




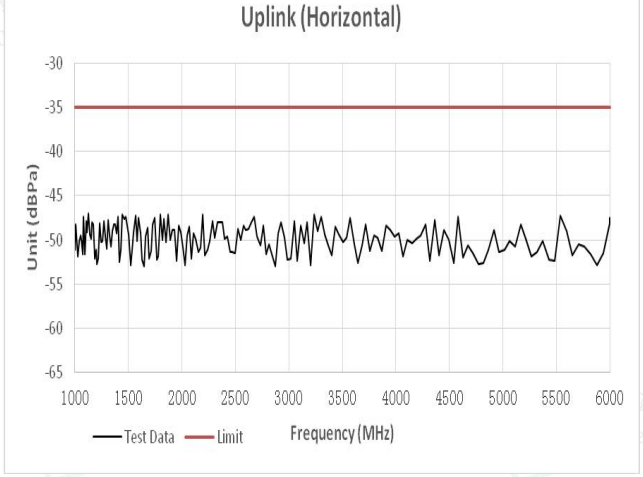


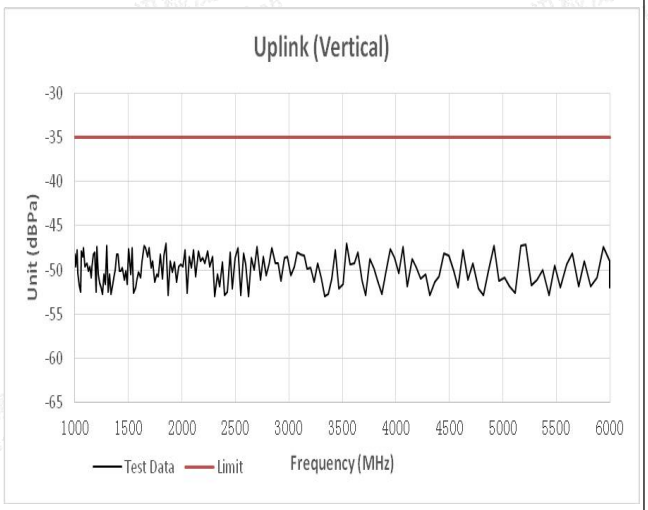


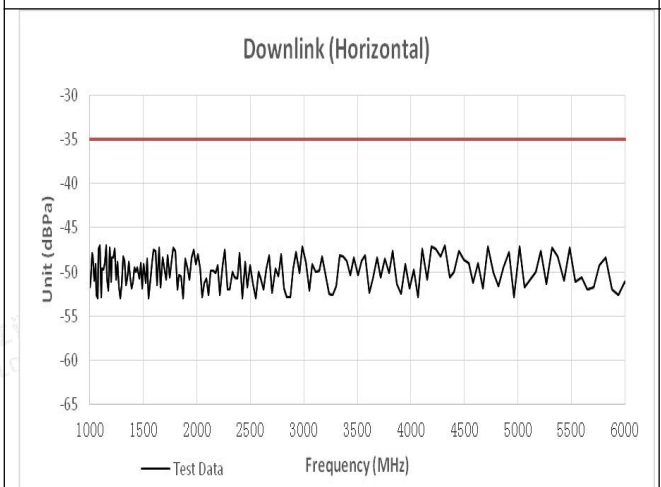
Test Plots for WCDMA Band I (80MHz ~ 1000MHz)

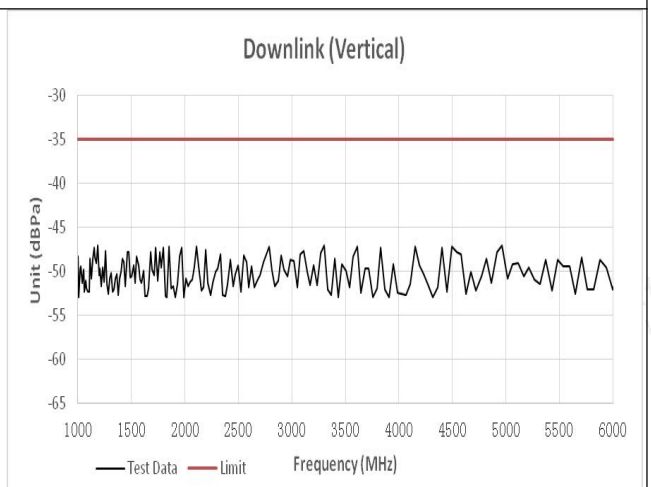


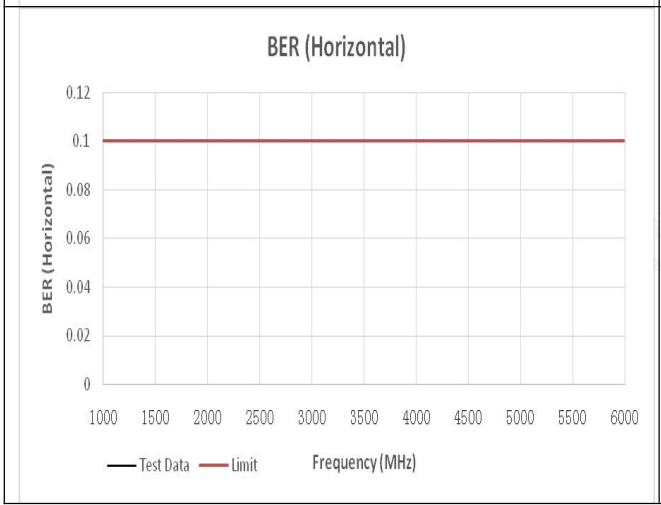
Test Plots for WCDMA Band I (1GHz ~ 6GHz)

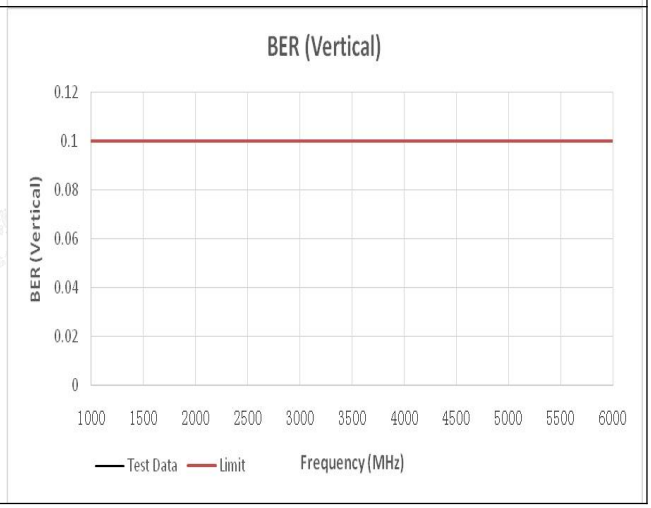




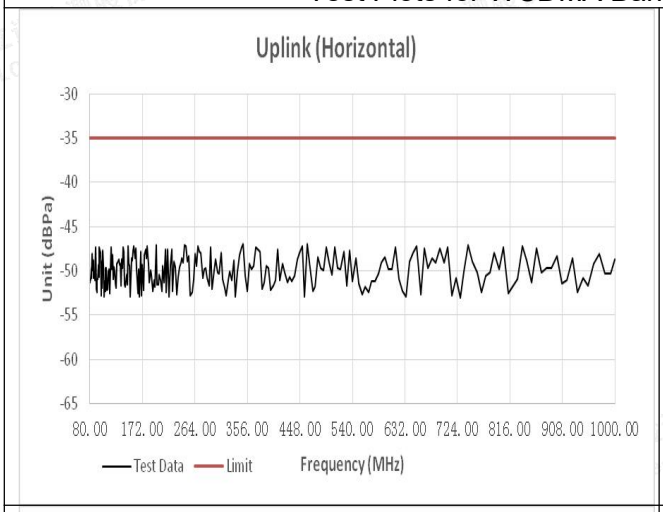


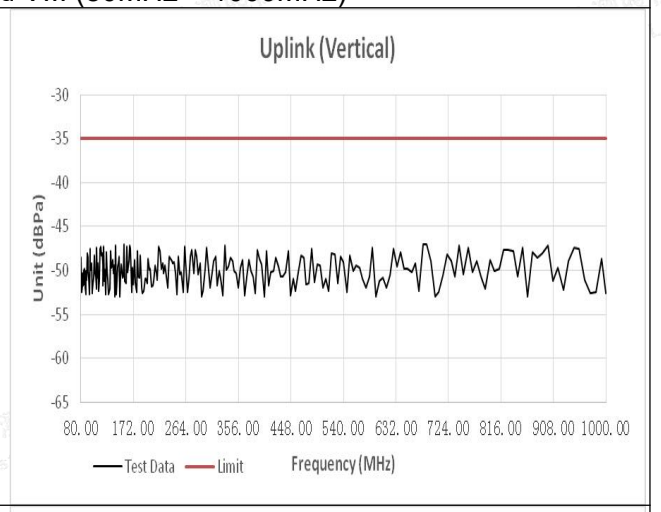


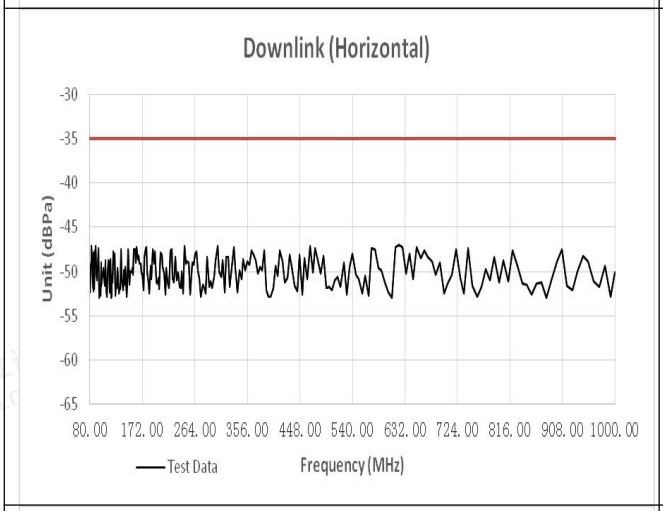


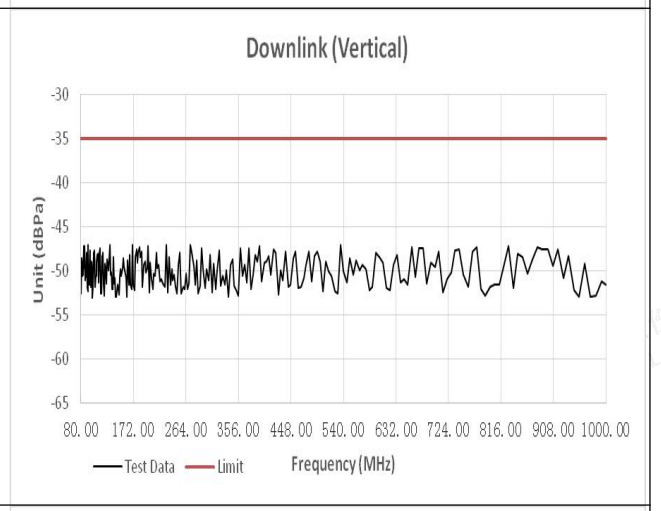


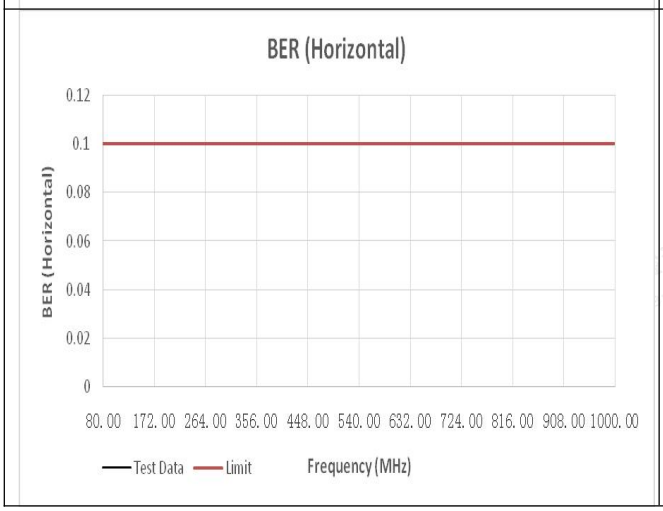
Test Plots for WCDMA Band VIII (80MHz ~ 1000MHz)

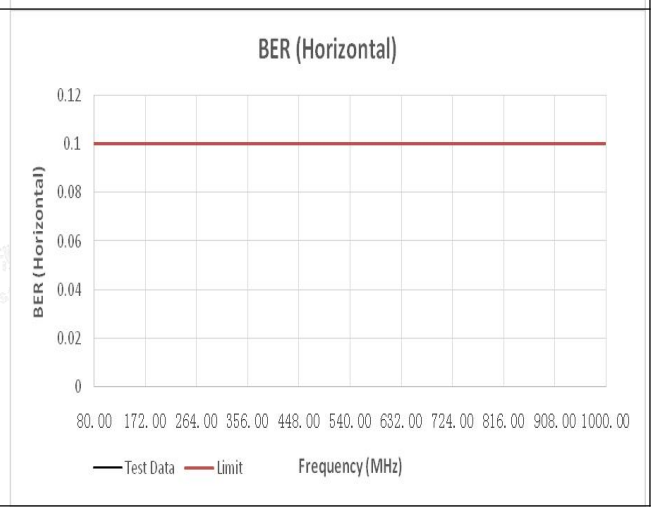




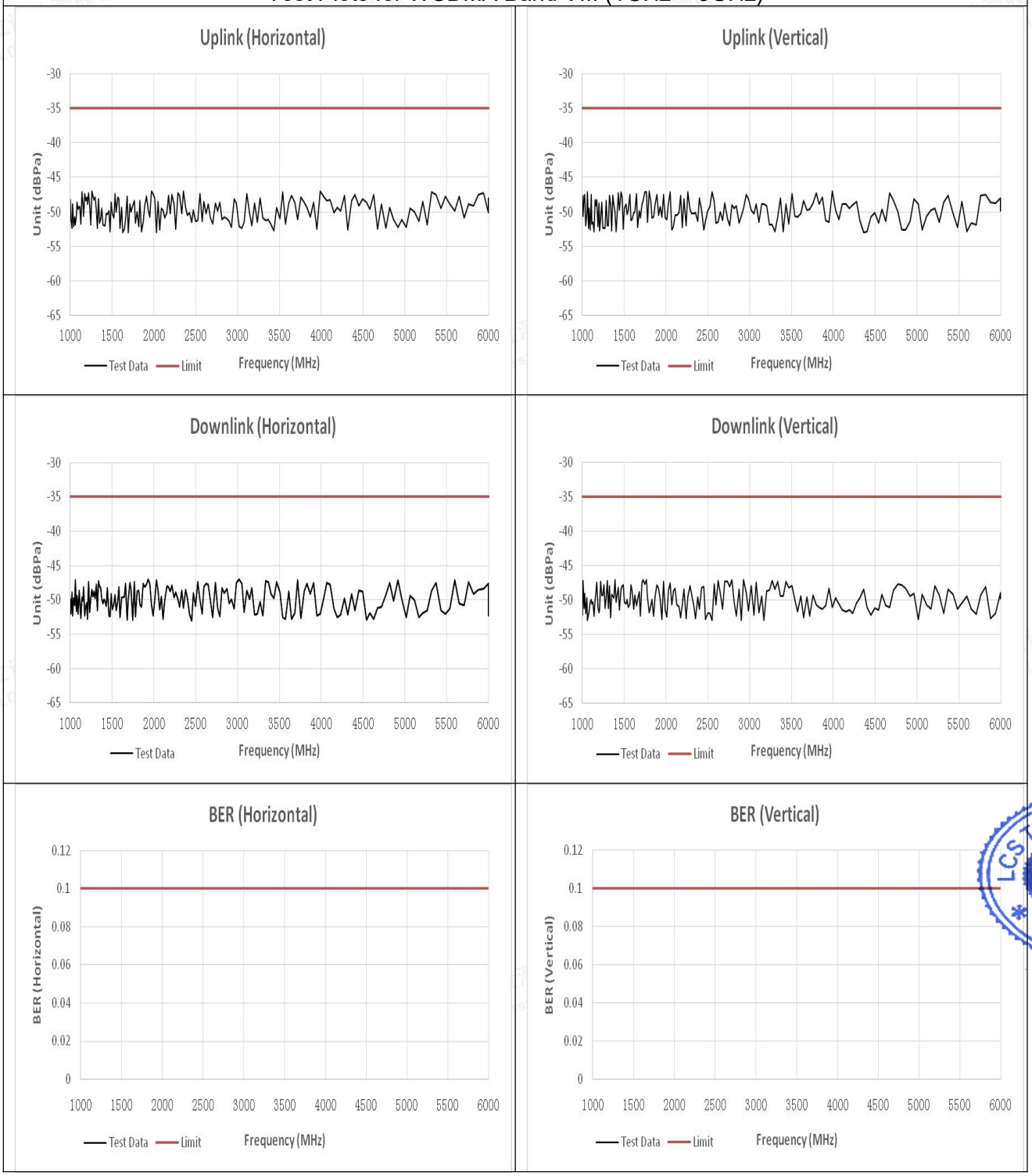








Test Plots for WCDMA Band VIII (1GHz ~ 6GHz)



Note: The EUT performance complied with performance criteria for CT&CR to MS Function and there is no any degradation of performance and function.
During the test, the Maximum Bit Error Ratio was less than 0.001
During the test, the Maximum Block Error Ratio was less than 0.01
For E-UTRA Band 1/3/7/8/20/28 (In the data transfer mode), the throughput is ≥ 95 % of the maximum throughput of the reference measurement channel as specified in annex C in TS 136 101 [13] with parameters specified in tables 7.3.1-1 and 7.3.1-2 in TS 136 101 [13] during the test sequence.

A.7 Electrostatic Discharge

Electrostatic Discharge Test Results			
Standard	☐ IEC 61000-4-2 ☑ EN 61000-4-2		
Applicant	Shenzhen Huafurui Technology Co., Ltd.		
EUT	Smartphone	**Temperature**	22.6℃
M/N	NOTE 40	**Humidity**	53.1%
Criterion	B	**Pressure**	1021mbar
Test Mode	TM1-TM32	**Test Engineer**	Taylor Hu

TEST RESULT OF TM1-TM22

Test Voltage	Coupling	Observation	Result (Pass/Fail)
±2KV, ±4kV	Contact Discharge	TT, TR	Pass
±2KV, ±4kV, ±8kV	Air Discharge	TT, TR	Pass
±2KV, ±4kV	Indirect Discharge HCP	TT, TR	Pass
±2KV, ±4kV	Indirect Discharge VCP	TT, TR	Pass

TEST RESULT OF TM23-TM26

Test Voltage	Coupling	Observation	Result (Pass/Fail)
±2KV, ±4kV	Contact Discharge	TR	Pass
±2KV, ±4kV, ±8kV	Air Discharge	TR	Pass
±2KV, ±4kV	Indirect Discharge HCP	TR	Pass
±2KV, ±4kV	Indirect Discharge VCP	TR	Pass

TEST RESULT OF TM27-TM32

Test Voltage	Coupling	Result (Pass/Fail)
±2KV, ±4kV	Contact Discharge	Pass
±2KV, ±4kV, ±8kV	Air Discharge	Pass
±2KV, ±4kV	Indirect Discharge HCP	Pass
±2KV, ±4kV	Indirect Discharge VCP	Pass

Note: The EUT performance complied with performance criteria for TT&TR to MS Function and there is no any degradation of performance and function.

A.8 Electrical Fast Transient Immunity

Electrical Fast Transient/Burst Test Results			
Standard	☐ IEC 61000-4-4 ☑ EN 61000-4-4		
Applicant	Shenzhen Huafurui Technology Co., Ltd.		
EUT	Smartphone	**Temperature**	22.2℃
M/N	NOTE 40	**Humidity**	52.1%
Test Mode	TM1-TM32	**Criterion**	B
Test Engineer	Taylor Hu		

TEST RESULT OF TM1-TM22				
Line	**Test Voltage**	**Polarity**	**Observation**	**Result (Pass/Fail)**
L	1KV	+/-	TT, TR	Pass
N	1KV	+/-	TT, TR	Pass
L-N	1KV	+/-	TT, TR	Pass

TEST RESULT OF TM23-TM26				
Line	**Test Voltage**	**Polarity**	**Observation**	**Result (Pass/Fail)**
L	1KV	+/-	TR	Pass
N	1KV	+/-	TR	Pass
L-N	1KV	+/-	TR	Pass

TEST RESULT OF TM27-TM32			
Line	**Test Voltage**	**Polarity**	**Result (Pass/Fail)**
L	1KV	+/-	Pass
N	1KV	+/-	Pass
L-N	1KV	+/-	Pass

A.9 RF Common Mode

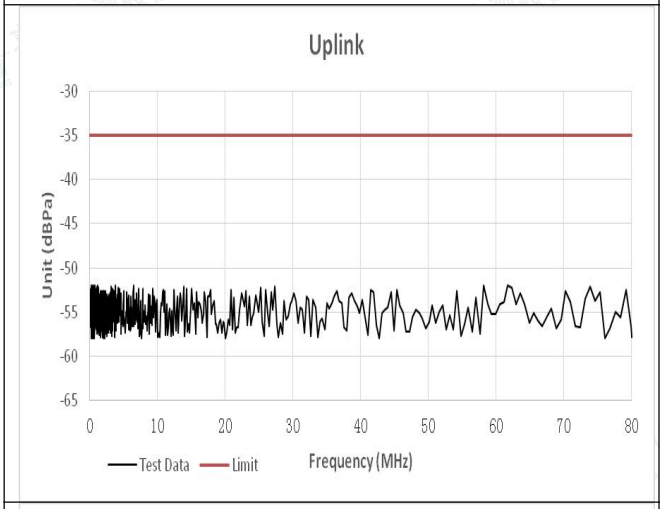
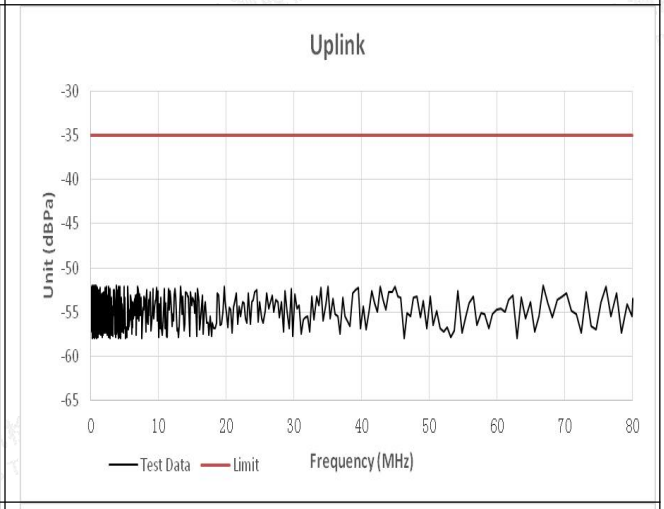
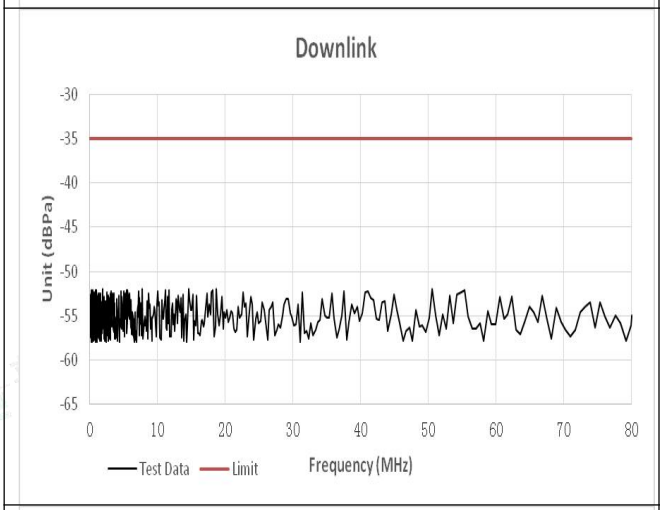
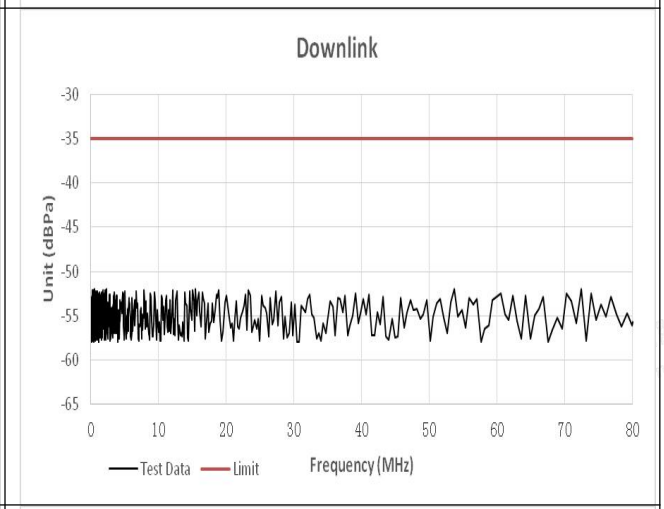
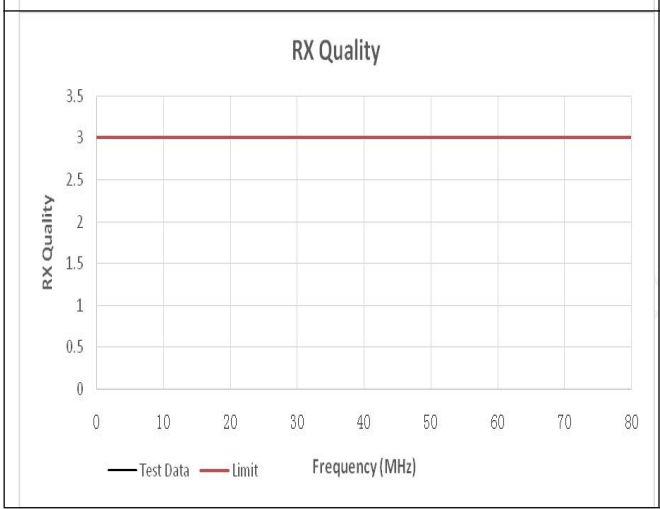
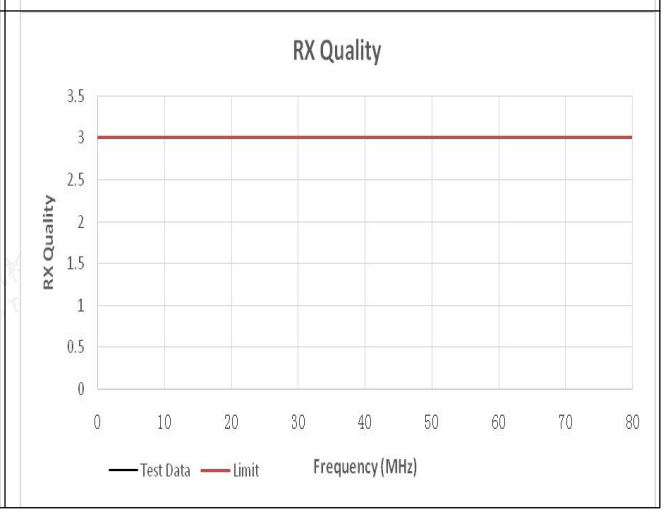
Injected Currents Susceptibility Test Results			
Standard	☐ IEC 61000-4-6 ☑ EN 61000-4-6		
Applicant	Shenzhen Huafurui Technology Co., Ltd.		
EUT	Smartphone	**Temperature**	24.2℃
M/N	NOTE 40	**Humidity**	53.4%
Test Mode	TM1-TM32	**Criterion**	A
Test Engineer	Taylor Hu		

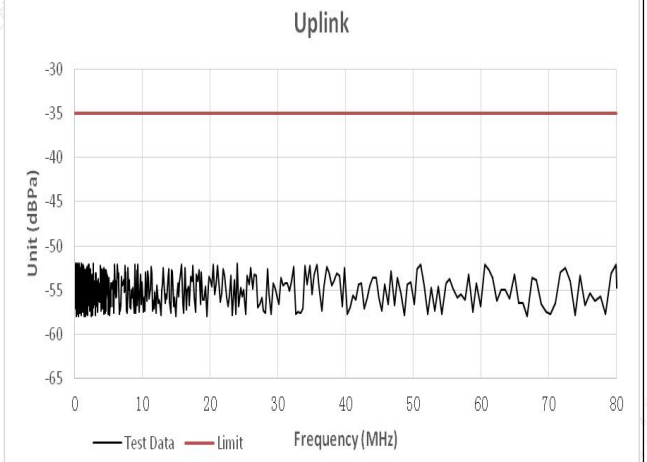
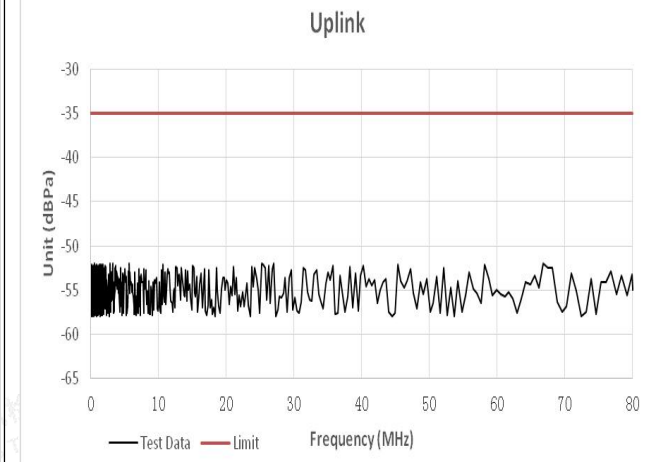
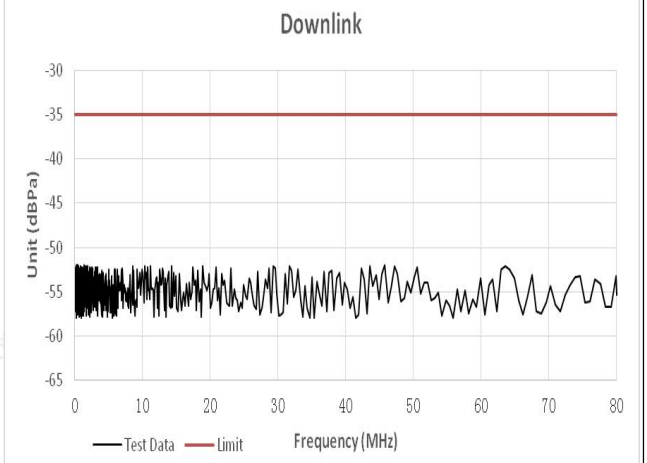
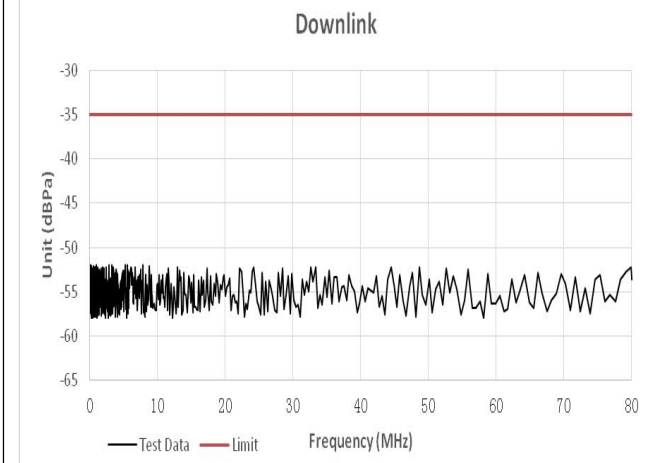
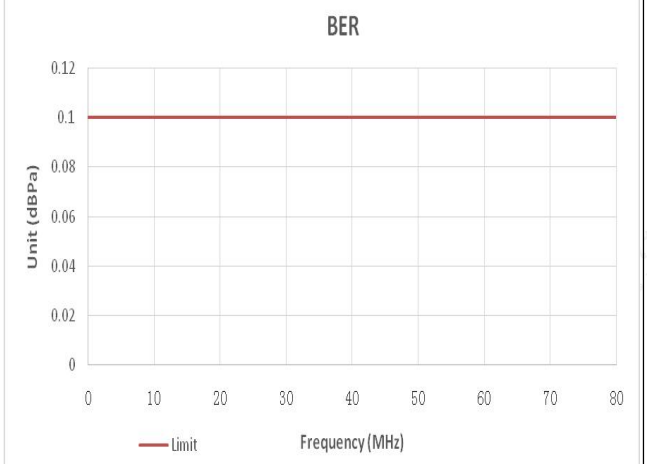
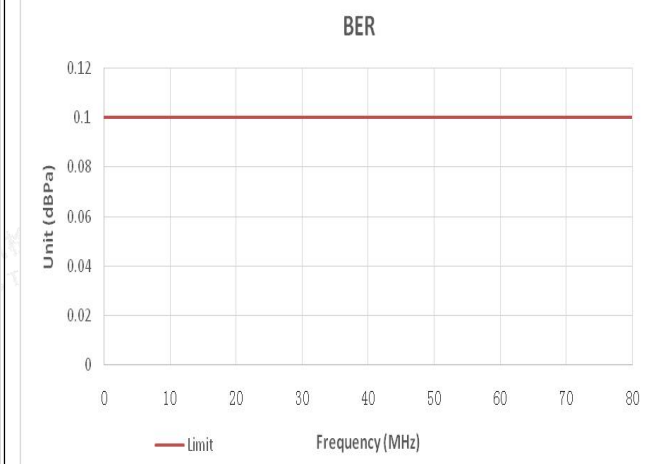
TEST RESULT OF TM1-TM22				
Frequency Range (MHz)	**Strength (Unmodulated)**	**Injected Position**	**Observation**	**Result (Pass/Fail)**
0.15 ~ 80	3V	AC Mains	CT, CR	Pass

TEST RESULT OF TM23-TM26				
Frequency Range (MHz)	**Strength (Unmodulated)**	**Injected Position**	**Observation**	**Result (Pass/Fail)**
0.15 ~ 80	3V	AC Mains	CR	Pass

TEST RESULT OF TM27-TM32			
Frequency Range (MHz)	**Strength (Unmodulated)**	**Injected Position**	**Result (Pass/Fail)**
0.15 ~ 80	3V	AC Mains	Pass

Remark:
1. Modulation Signal:1kHz 80% AM

Test Plots for GSM 900	Test Plots for DCS 1800
	
	
	

Test Plots for WCDMA Band I	Test Plots for WCDMA Band VIII
	
	
	

Note: The EUT performance complied with performance criteria for CT&CR to MS Function and there is no any degradation of performance and function.
During the test, the Maximum Bit Error Ratio was less than 0.001
During the test, the Maximum Block Error Ratio was less than 0.01
For E-UTRA Band 1/3/7/8/20/28 (In the data transfer mode), the throughput is ≥ 95 % of the maximum throughput of the reference measurement channel as specified in annex C in TS 136 101 [13] with parameters specified in tables 7.3.1-1 and 7.3.1-2 in TS 136 101 [13] during the test sequence.

A.10 Surges, Line to Line and Line to Ground

Surge Immunity Test Result			
Standard	☐ IEC 61000-4-5 ☑ EN 61000-4-5		
Applicant	Shenzhen Huafurui Technology Co., Ltd.		
EUT	Smartphone	**Temperature**	24.3℃
M/N	NOTE 40	**Humidity**	52.2%
Test Mode	TM1-TM32	**Criterion**	B
Test Engineer	Taylor Hu		

TEST RESULT OF TM1-TM22

Location	Polarity	Phase Angle	Number of Pulse	Pulse Voltage (KV)	Observation	Result (Pass/Fail)
L-N	+	0°, 90°, 180°, 270°	5	1.0	TT, TR	Pass
	-	0°, 90°, 180°, 270°	5	1.0	TT, TR	Pass

TEST RESULT OF TM23-TM26

Location	Polarity	Phase Angle	Number of Pulse	Pulse Voltage (KV)	Observation	Result (Pass/Fail)
L-N	+	0°, 90°, 180°, 270°	5	1.0	TR	Pass
	-	0°, 90°, 180°, 270°	5	1.0	TR	Pass

TEST RESULT OF TM27-TM32

Location	Polarity	Phase Angle	Number of Pulse	Pulse Voltage (KV)	Result (Pass/Fail)
L-N	+	0°, 90°, 180°, 270°	5	1.0	Pass
	-	0°, 90°, 180°, 270°	5	1.0	Pass

A.11 Voltage Dips/Interruptions Immunity Test

Voltage Dips And Interruptions Test Results			
Standard	☐ IEC 61000-4-11 ☑ EN 61000-4-11		
Applicant	Shenzhen Huafurui Technology Co., Ltd.		
EUT	Smartphone	**Temperature**	23.3℃
M/N	NOTE 40	**Humidity**	54.5%
Test Mode	TM1-TM32	**Criterion**	B&C
Test Engineer	Taylor Hu		

TEST RESULT OF TM1-TM22				
Test Level % U_T	**Voltage Dips & Short Interruptions % U_T**	**Duration (in periods)**	**Observation**	**Result (Pass/Fail)**
0	100	0.5P	TT, TR	Pass
0	100	1P	TT, TR	Pass
70	30	25P	TT, TR	Pass
0	100	250P	TT, TR	Pass

TEST RESULT OF TM23-TM26				
Test Level % U_T	**Voltage Dips & Short Interruptions % U_T**	**Duration (in periods)**	**Observation**	**Result (Pass/Fail)**
0	100	0.5P	TR	Pass
0	100	1P	TR	Pass
70	30	25P	TR	Pass
0	100	250P	TR	Pass

TEST RESULT OF TM27-TM32			
Test Level % U_T	**Voltage Dips & Short Interruptions % U_T**	**Duration (in periods)**	**Result (Pass/Fail)**
0	100	0.5P	Pass
0	100	1P	Pass
70	30	25P	Pass
0	100	250P	Pass