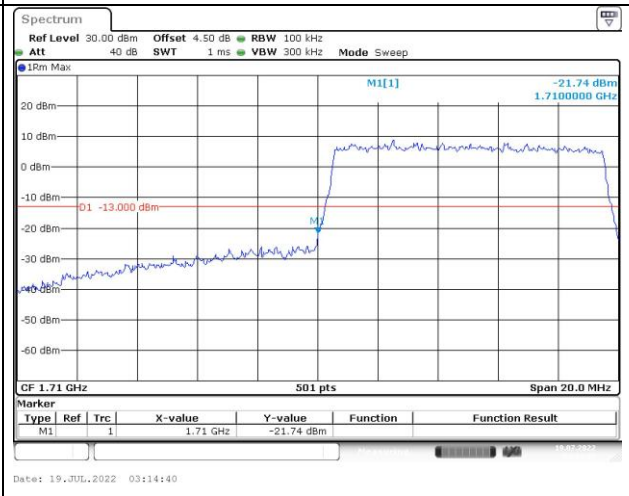
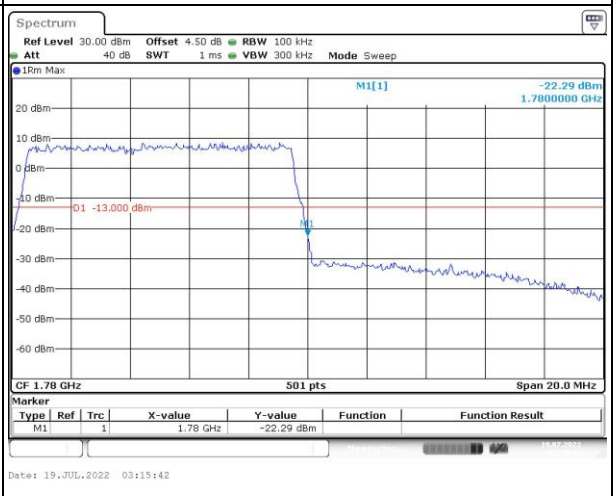
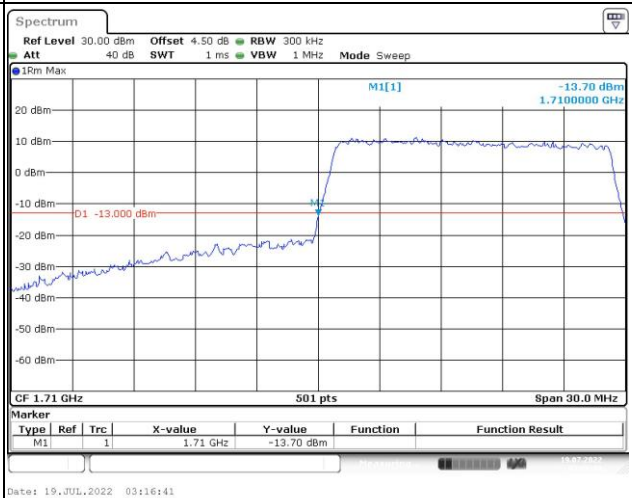
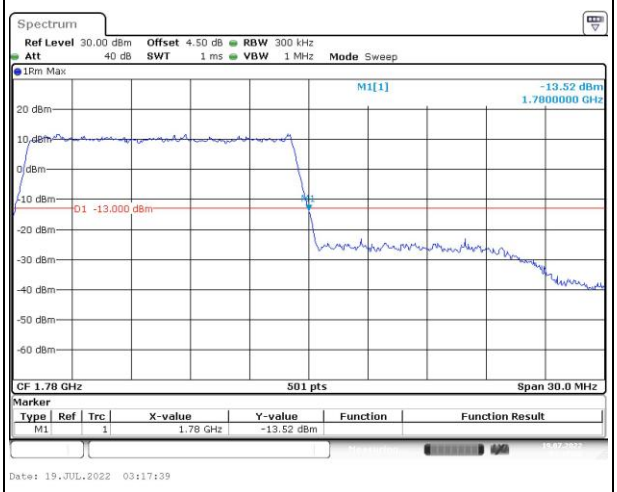
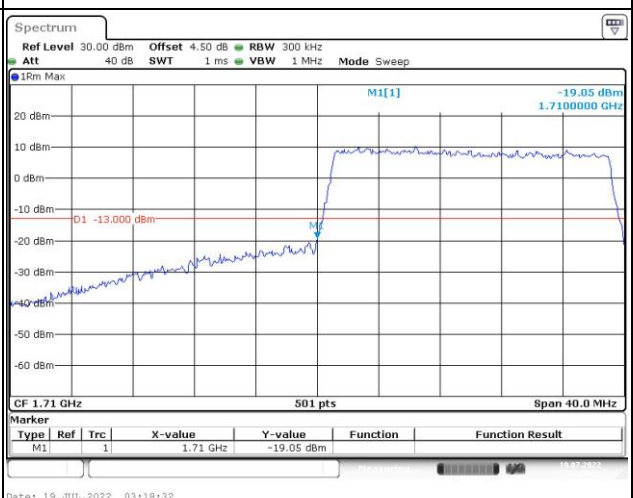
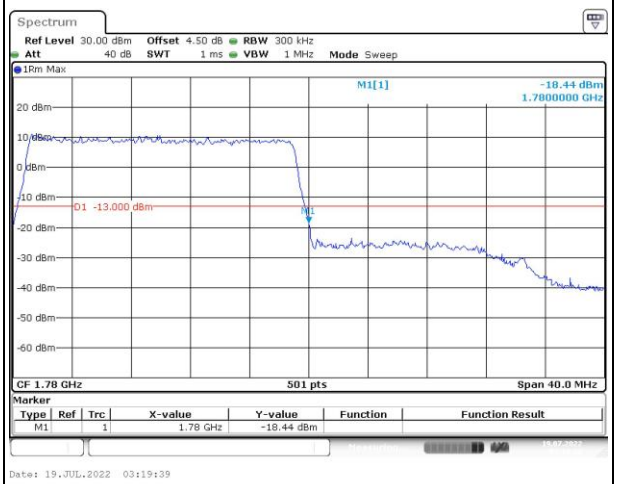
Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
16QAM 10MHz		
16QAM 15MHz		
16QAM 20MHz		

4.13 Radiated Spurious Emissions

Serial Number:	CR22060051-RF-S1	Test Date:	2022-07-06~2022-07-07
Test Site:	966-2, 966-1	Test Mode:	Transmitting
Tester:	Gary Ling, Nick Tang	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.2~27.3	Relative Humidity: (%)	53~60	ATM Pressure: (kPa)	100~100.2

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2020-10-19	2023-10-18
R&S	EMI Test Receiver	ESR3	102724	2021-07-22	2022-07-21
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2021-07-18	2022-07-17
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2021-07-18	2022-07-17
Sonoma	Amplifier	310N	186165	2021-07-18	2022-07-17
EMCO	Adjustable Dipole Antenna	3121C	9109-756	N/A	N/A
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2021-07-25	2022-07-24
Agilent	Signal Generator	E8247C	MY43321352	2022-04-01	2023-03-31
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020-10-13	2023-10-12
R&S	Spectrum Analyzer	FSV40	101591	2021-07-22	2022-07-21
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2021-08-08	2022-08-07
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2021-08-08	2022-08-07
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2021-11-10	2022-11-09
AH	Double Ridge Guide Horn Antenna	SAS-571	1396	2021-10-18	2024-10-17
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2021-07-25	2022-07-24
PASTERNACK	Horn Antenna	PE9852/2F-20	112002	2021-02-05	2024-02-04
PASTERNACK	Horn Antenna	PE9852/2F-20	112001	2021-02-05	2024-02-04
AH	Preamplifier	PAM-1840VH	190	2021-11-19	2022-11-18
MICRO-COAX	Coaxial Cable	UFB142A-1-2362-200200	235772-001	2021-08-08	2022-08-07

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

Please refer to the below table and plots.

Note: The device can be mounted in multiple orientations, test was performed with X,Y, Z Axis according to C63.26 figure 5, the worst orientation was photographed and it`s data was recorded.

Cellular Band (PART 22H)

30 MHz-10 GHz:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 850 Frequency:824.2MHz								
714.98	H	39.26	-65.01	0.00	0.50	-65.51	-13.00	52.51
69.60	V	40.98	-61.77	-5.21	0.15	-67.13	-13.00	54.13
1648.40	H	49.85	-54.48	8.68	0.80	-46.60	-13.00	33.60
1648.40	V	49.37	-55.04	8.68	0.80	-47.16	-13.00	34.16
2472.60	H	53.33	-47.45	9.38	1.00	-39.07	-13.00	26.07
2472.60	V	52.66	-48.07	9.38	1.00	-39.69	-13.00	26.69
3296.80	H	47.03	-49.65	10.32	1.15	-40.48	-13.00	27.48
3296.80	V	42.72	-53.72	10.32	1.15	-44.55	-13.00	31.55
GSM 850 Frequency:836.6MHz								
66.27	H	40.79	-63.03	-6.98	0.15	-70.16	-13.00	57.16
794.21	V	40.68	-58.21	0.00	0.61	-58.82	-13.00	45.82
1673.20	H	45.19	-59.12	8.71	0.85	-51.26	-13.00	38.26
1673.20	V	43.48	-60.93	8.71	0.85	-53.07	-13.00	40.07
2509.80	H	46.20	-54.41	9.42	1.01	-46.00	-13.00	33.00
2509.80	V	50.78	-49.84	9.42	1.01	-41.43	-13.00	28.43
3346.40	H	45.83	-51.34	10.34	1.16	-42.16	-13.00	29.16
3346.40	V	42.81	-54.22	10.34	1.16	-45.04	-13.00	32.04
GSM 850 Frequency:848.8MHz								
66.27	H	39.51	-64.31	-6.98	0.15	-71.44	-13.00	58.44
48.01	V	38.28	-60.99	-16.85	0.12	-77.96	-13.00	64.96
1697.60	H	41.14	-63.15	8.74	0.90	-55.31	-13.00	42.31
1697.60	V	42.11	-62.31	8.74	0.90	-54.47	-13.00	41.47
2546.40	H	51.93	-48.40	9.47	1.01	-39.94	-13.00	26.94
2546.40	V	42.39	-57.89	9.47	1.01	-49.43	-13.00	36.43
3395.20	H	43.45	-54.24	10.36	1.19	-45.07	-13.00	32.07
3395.20	V	39.33	-58.33	10.36	1.19	-49.16	-13.00	36.16

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 5 Frequency:826.4 MHz								
45.86	H	36.13	-57.63	-18.96	0.12	-76.71	-13.00	63.71
45.22	V	39.35	-57.17	-19.58	0.12	-76.87	-13.00	63.87
1652.80	H	46.52	-57.81	8.68	0.81	-49.94	-13.00	36.94
1652.80	V	46.45	-57.96	8.68	0.81	-50.09	-13.00	37.09
2479.20	H	41.18	-59.58	9.39	1.01	-51.20	-13.00	38.20
2479.20	V	40.46	-60.27	9.39	1.01	-51.89	-13.00	38.89
3305.60	H	35.53	-61.20	10.32	1.15	-52.03	-13.00	39.03
3305.60	V	34.93	-61.57	10.32	1.15	-52.40	-13.00	39.40
WCDMA Band 5 Frequency:836.6MHz								
42.75	H	34.77	-53.97	-22.77	0.12	-76.86	-13.00	63.86
43.81	V	40.82	-53.94	-21.37	0.12	-75.43	-13.00	62.43
1673.20	H	46.03	-58.28	8.71	0.85	-50.42	-13.00	37.42
1673.20	V	46.28	-58.13	8.71	0.85	-50.27	-13.00	37.27
2509.80	H	41.67	-58.94	9.42	1.01	-50.53	-13.00	37.53
2509.80	V	43.52	-57.10	9.42	1.01	-48.69	-13.00	35.69
3346.40	H	35.02	-62.15	10.34	1.16	-52.97	-13.00	39.97
3346.40	V	34.86	-62.17	10.34	1.16	-52.99	-13.00	39.99
WCDMA Band 5 Frequency:846.6MHz								
801.79	H	37.27	-65.01	0.00	0.57	-65.58	-13.00	52.58
42.90	V	41.64	-51.94	-22.57	0.12	-74.63	-13.00	61.63
1693.20	H	47.40	-56.90	8.73	0.89	-49.06	-13.00	36.06
1693.20	V	47.26	-57.16	8.73	0.89	-49.32	-13.00	36.32
2539.80	H	38.21	-62.17	9.46	1.01	-53.72	-13.00	40.72
2539.80	V	41.94	-58.40	9.46	1.01	-49.95	-13.00	36.95
3386.40	H	36.11	-61.48	10.35	1.18	-52.31	-13.00	39.31
3386.40	V	36.28	-61.26	10.35	1.18	-52.09	-13.00	39.09

PCS Band (PART 24E)

30 MHz-20 GHz:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 1900 Frequency:1850.2MHz								
99.85	H	31.20	-81.18	0.00	0.19	-81.37	-13.00	68.37
66.27	V	40.36	-63.52	-6.98	0.15	-70.65	-13.00	57.65
3700.40	H	49.32	-48.00	10.60	1.25	-38.65	-13.00	25.65
3700.40	V	46.02	-51.28	10.60	1.25	-41.93	-13.00	28.93
5550.60	H	41.63	-51.63	11.44	1.49	-41.68	-13.00	28.68
5550.60	V	42.23	-50.87	11.44	1.49	-40.92	-13.00	27.92
GSM 1900 Frequency:1880MHz								
37.55	H	29.61	-51.34	-25.22	0.11	-76.67	-13.00	63.67
66.27	V	40.57	-63.31	-6.98	0.15	-70.44	-13.00	57.44
3760.00	H	50.44	-45.97	10.66	1.24	-36.55	-13.00	23.55
3760.00	V	45.28	-51.01	10.66	1.24	-41.59	-13.00	28.59
5640.00	H	42.17	-51.28	11.33	1.54	-41.49	-13.00	28.49
5640.00	V	42.88	-50.45	11.33	1.54	-40.66	-13.00	27.66
GSM 1900 Frequency:1909.8MHz								
36.51	H	30.21	-49.27	-24.72	0.12	-74.11	-13.00	61.11
40.99	V	38.57	-52.53	-25.09	0.12	-77.74	-13.00	64.74
3819.60	H	53.06	-42.80	10.72	1.29	-33.37	-13.00	20.37
3819.60	V	44.85	-50.87	10.72	1.29	-41.44	-13.00	28.44
5729.40	H	38.81	-54.67	11.22	1.59	-45.04	-13.00	32.04
5729.40	V	43.45	-49.91	11.22	1.59	-40.28	-13.00	27.28

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band II, Frequency:1852.4 MHz								
194.45	H	32.28	-80.50	0.00	0.26	-80.76	-13.00	67.76
47.99	V	38.41	-60.84	-16.87	0.12	-77.83	-13.00	64.83
3704.80	H	39.77	-57.49	10.60	1.25	-48.14	-13.00	35.14
3704.80	V	37.89	-59.34	10.60	1.25	-49.99	-13.00	36.99
5557.20	H	34.86	-58.42	11.43	1.49	-48.48	-13.00	35.48
5557.20	V	34.60	-58.53	11.43	1.49	-48.59	-13.00	35.59
WCDMA Band II, Frequency:1880 MHz								
211.53	H	33.07	-79.59	0.00	0.26	-79.85	-13.00	66.85
52.39	V	37.94	-64.43	-13.80	0.13	-78.36	-13.00	65.36
3760.00	H	39.61	-56.80	10.66	1.24	-47.38	-13.00	34.38
3760.00	V	39.47	-56.82	10.66	1.24	-47.40	-13.00	34.40
5640.00	H	35.66	-57.79	11.33	1.54	-48.00	-13.00	35.00
5640.00	V	38.72	-54.61	11.33	1.54	-44.82	-13.00	31.82
WCDMA Band II, Frequency:1907.6MHz								
351.71	H	32.79	-77.15	0.00	0.36	-77.51	-13.00	64.51
47.99	V	39.87	-59.38	-16.87	0.12	-76.37	-13.00	63.37
3815.20	H	42.64	-53.21	10.72	1.29	-43.78	-13.00	30.78
3815.20	V	43.18	-52.51	10.72	1.29	-43.08	-13.00	30.08
5722.80	H	37.09	-56.40	11.23	1.58	-46.75	-13.00	33.75
5722.80	V	37.18	-56.17	11.23	1.58	-46.52	-13.00	33.52

AWS Band(Part 27)

30 MHz-20 GHz:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band Ⅳ, Frequency:1712.4 MHz								
235.64	H	32.71	-79.47	0.00	0.29	-79.76	-13.00	66.76
66.27	V	39.31	-64.57	-6.98	0.15	-71.70	-13.00	58.70
3424.80	H	40.12	-57.65	10.37	1.17	-48.45	-13.00	35.45
3424.80	V	38.55	-59.19	10.37	1.17	-49.99	-13.00	36.99
5137.20	H	34.36	-59.26	11.28	1.46	-49.44	-13.00	36.44
5137.20	V	35.45	-58.05	11.28	1.46	-48.23	-13.00	35.23
WCDMA Band Ⅳ, Frequency:1732.6 MHz								
562.66	H	32.85	-72.73	0.00	0.46	-73.19	-13.00	60.19
66.27	V	38.44	-65.44	-6.98	0.15	-72.57	-13.00	59.57
3465.20	H	37.57	-60.24	10.39	1.15	-51.00	-13.00	38.00
3465.20	V	37.31	-60.46	10.39	1.15	-51.22	-13.00	38.22
5197.80	H	35.17	-58.96	11.32	1.44	-49.08	-13.00	36.08
5197.80	V	35.10	-58.88	11.32	1.44	-49.00	-13.00	36.00
WCDMA Band Ⅳ, Frequency:1752.6MHz								
824.60	H	33.34	-68.24	0.00	0.57	-68.81	-13.00	55.81
47.99	V	39.87	-59.38	-16.87	0.12	-76.37	-13.00	63.37
3505.20	H	35.98	-61.85	10.41	1.18	-52.62	-13.00	39.62
3505.20	V	35.84	-61.93	10.41	1.18	-52.70	-13.00	39.70
5257.80	H	34.04	-59.69	11.35	1.47	-49.81	-13.00	36.81
5257.80	V	34.18	-59.33	11.35	1.47	-49.45	-13.00	36.45

LTE Bands:

LTE Band 2 (30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK,Frequency:1850.7 MHz								
900.15	H	33.86	-65.44	0.00	0.63	-66.07	-13.00	53.07
52.39	V	44.28	-58.09	-13.80	0.13	-72.02	-13.00	59.02
3701.40	H	40.47	-56.84	10.60	1.25	-47.49	-13.00	34.49
3701.40	V	39.72	-57.57	10.60	1.25	-48.22	-13.00	35.22
5552.10	H	38.78	-54.49	11.44	1.49	-44.54	-13.00	31.54
5552.10	V	37.74	-55.36	11.44	1.49	-45.41	-13.00	32.41
QPSK,Frequency:1880 MHz								
238.31	H	33.66	-78.47	0.00	0.29	-78.76	-13.00	65.76
52.39	V	44.29	-58.08	-13.80	0.13	-72.01	-13.00	59.01
3760.00	H	40.46	-55.95	10.66	1.24	-46.53	-13.00	33.53
3760.00	V	40.45	-55.84	10.66	1.24	-46.42	-13.00	33.42
5640.00	H	37.95	-55.50	11.33	1.54	-45.71	-13.00	32.71
5640.00	V	37.77	-55.56	11.33	1.54	-45.77	-13.00	32.77
QPSK,Frequency:1909.3 MHz								
230.41	H	33.82	-78.47	0.00	0.29	-78.76	-13.00	65.76
52.39	V	44.36	-58.01	-13.80	0.13	-71.94	-13.00	58.94
3818.60	H	44.51	-51.35	10.72	1.29	-41.92	-13.00	28.92
3818.60	V	43.68	-52.03	10.72	1.29	-42.60	-13.00	29.60
5727.90	H	38.39	-55.09	11.23	1.59	-45.45	-13.00	32.45
5727.90	V	39.21	-54.15	11.23	1.59	-44.51	-13.00	31.51

LTE Band 4 (30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK,Frequency:1710.7 MHz								
52.39	H	34.21	-67.38	-13.80	0.13	-81.31	-13.00	68.31
52.39	V	43.36	-59.01	-13.80	0.13	-72.94	-13.00	59.94
3421.40	H	39.74	-58.02	10.37	1.17	-48.82	-13.00	35.82
3421.40	V	38.77	-58.96	10.37	1.17	-49.76	-13.00	36.76
5132.10	H	38.78	-54.79	11.28	1.47	-44.98	-13.00	31.98
5132.10	V	34.47	-58.99	11.28	1.47	-49.18	-13.00	36.18
QPSK,Frequency:1732.5 MHz								
52.39	H	33.77	-67.82	-13.80	0.13	-81.75	-13.00	68.75
52.39	V	43.19	-59.18	-13.80	0.13	-73.11	-13.00	60.11
3465.00	H	37.57	-60.24	10.39	1.15	-51.00	-13.00	38.00
3465.00	V	36.74	-61.03	10.39	1.15	-51.79	-13.00	38.79
5197.50	H	35.08	-59.05	11.32	1.44	-49.17	-13.00	36.17
5197.50	V	34.66	-59.32	11.32	1.44	-49.44	-13.00	36.44
QPSK,Frequency:1752.6MHz								
52.39	H	33.43	-68.16	-13.80	0.13	-82.09	-13.00	69.09
52.39	V	43.58	-58.79	-13.80	0.13	-72.72	-13.00	59.72
3505.20	H	36.29	-61.54	10.41	1.18	-52.31	-13.00	39.31
3505.20	V	35.81	-61.96	10.41	1.18	-52.73	-13.00	39.73
5257.80	H	36.09	-57.64	11.35	1.47	-47.76	-13.00	34.76
5257.80	V	35.80	-57.71	11.35	1.47	-47.83	-13.00	34.83

LTE Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, Frequency: 824.7 MHz								
222.17	H	33.73	-78.72	0.00	0.27	-78.99	-13.00	65.99
52.39	V	43.99	-58.38	-13.80	0.13	-72.31	-13.00	59.31
1649.40	H	48.27	-56.06	8.68	0.80	-48.18	-13.00	35.18
1649.40	V	45.47	-58.94	8.68	0.80	-51.06	-13.00	38.06
2474.10	H	43.69	-57.09	9.38	1.00	-48.71	-13.00	35.71
2474.10	V	44.70	-56.03	9.38	1.00	-47.65	-13.00	34.65
3298.80	H	35.69	-60.99	10.32	1.15	-51.82	-13.00	38.82
3298.80	V	35.62	-60.82	10.32	1.15	-51.65	-13.00	38.65
QPSK, Frequency: 836.5 MHz								
793.34	H	35.42	-67.06	0.00	0.61	-67.67	-13.00	54.67
884.41	V	38.62	-58.17	0.00	0.60	-58.77	-13.00	45.77
1673.00	H	46.58	-57.73	8.71	0.85	-49.87	-13.00	36.87
1673.00	V	49.84	-54.57	8.71	0.85	-46.71	-13.00	33.71
2509.50	H	44.48	-56.13	9.42	1.01	-47.72	-13.00	34.72
2509.50	V	41.08	-59.54	9.42	1.01	-51.13	-13.00	38.13
3346.00	H	35.34	-61.82	10.34	1.16	-52.64	-13.00	39.64
3346.00	V	35.31	-61.71	10.34	1.16	-52.53	-13.00	39.53
QPSK, Frequency: 848.3 MHz								
141.34	H	33.23	-79.02	0.00	0.22	-79.24	-13.00	66.24
51.46	V	42.31	-59.62	-14.23	0.13	-73.98	-13.00	60.98
1696.60	H	45.88	-58.41	8.74	0.89	-50.56	-13.00	37.56
1696.60	V	49.79	-54.63	8.74	0.89	-46.78	-13.00	33.78
2544.90	H	44.16	-56.18	9.47	1.01	-47.72	-13.00	34.72
2544.90	V	41.93	-58.37	9.47	1.01	-49.91	-13.00	36.91
3393.20	H	35.26	-62.41	10.36	1.19	-53.24	-13.00	40.24
3393.20	V	34.47	-63.16	10.36	1.19	-53.99	-13.00	40.99

LTE Band 12 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, Frequency: 699.7 MHz								
47.99	H	38.84	-58.58	-16.87	0.12	-75.57	-13.00	62.57
66.27	V	38.59	-65.29	-6.98	0.15	-72.42	-13.00	59.42
1399.40	H	52.68	-51.02	8.22	0.71	-43.51	-13.00	30.51
1399.40	V	50.38	-53.37	8.22	0.71	-45.86	-13.00	32.86
2099.10	H	47.22	-54.66	9.16	0.91	-46.41	-13.00	33.41
2099.10	V	48.94	-52.89	9.16	0.91	-44.64	-13.00	31.64
2798.80	H	37.92	-62.01	9.88	1.04	-53.17	-13.00	40.17
2798.80	V	36.17	-63.63	9.88	1.04	-54.79	-13.00	41.79
QPSK, Frequency:707.5 MHz								
737.01	H	41.19	-62.58	0.00	0.54	-63.12	-13.00	50.12
66.27	V	38.59	-65.29	-6.98	0.15	-72.42	-13.00	59.42
1415.00	H	50.49	-53.18	8.26	0.72	-45.64	-13.00	32.64
1415.00	V	49.84	-53.88	8.26	0.72	-46.34	-13.00	33.34
2122.50	H	43.62	-58.37	9.17	0.92	-50.12	-13.00	37.12
2122.50	V	46.36	-55.61	9.17	0.92	-47.36	-13.00	34.36
2830.00	H	35.55	-64.25	9.93	1.06	-55.38	-13.00	42.38
2830.00	V	36.31	-63.42	9.93	1.06	-54.55	-13.00	41.55
QPSK, Frequency: 715.3 MHz								
739.66	H	39.42	-64.29	0.00	0.55	-64.84	-13.00	51.84
66.27	V	40.65	-63.23	-6.98	0.15	-70.36	-13.00	57.36
1430.60	H	51.37	-52.26	8.31	0.73	-44.68	-13.00	31.68
1430.60	V	52.49	-51.20	8.31	0.73	-43.62	-13.00	30.62
2145.90	H	46.11	-55.99	9.19	0.93	-47.73	-13.00	34.73
2145.90	V	45.05	-57.06	9.19	0.93	-48.80	-13.00	35.80
2861.20	H	36.69	-62.96	9.98	1.07	-54.05	-13.00	41.05
2861.20	V	35.98	-63.69	9.98	1.07	-54.78	-13.00	41.78

LTE Band 17 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, Frequency: 706.5 MHz								
739.66	H	39.64	-64.07	0.00	0.55	-64.62	-13.00	51.62
66.27	V	42.31	-61.57	-6.98	0.15	-68.70	-13.00	55.70
1413.00	H	45.24	-58.43	8.26	0.72	-50.89	-13.00	37.89
1413.00	V	45.55	-58.17	8.26	0.72	-50.63	-13.00	37.63
2119.50	H	36.85	-65.12	9.17	0.92	-56.87	-13.00	43.87
2119.50	V	35.76	-66.19	9.17	0.92	-57.94	-13.00	44.94
2826.00	H	35.24	-64.57	9.92	1.06	-55.71	-13.00	42.71
2826.00	V	35.96	-63.78	9.92	1.06	-54.92	-13.00	41.92
QPSK, Frequency:710 MHz								
739.66	H	38.56	-65.15	0.00	0.55	-65.70	-13.00	52.70
66.27	V	40.35	-63.53	-6.98	0.15	-70.66	-13.00	57.66
1420.00	H	47.01	-56.65	8.28	0.73	-49.10	-13.00	36.10
1420.00	V	48.48	-55.23	8.28	0.73	-47.68	-13.00	34.68
2130.00	H	40.52	-61.50	9.18	0.92	-53.24	-13.00	40.24
2130.00	V	40.47	-61.54	9.18	0.92	-53.28	-13.00	40.28
2840.00	H	35.30	-64.45	9.94	1.06	-55.57	-13.00	42.57
2840.00	V	35.80	-63.91	9.94	1.06	-55.03	-13.00	42.03
QPSK, Frequency: 713.5 MHz								
739.66	H	38.96	-64.75	0.00	0.55	-65.30	-13.00	52.30
66.27	V	41.10	-62.78	-6.98	0.15	-69.91	-13.00	56.91
1427.00	H	46.79	-56.85	8.30	0.73	-49.28	-13.00	36.28
1427.00	V	48.60	-55.09	8.30	0.73	-47.52	-13.00	34.52
2140.50	H	38.64	-63.43	9.18	0.93	-55.18	-13.00	42.18
2140.50	V	38.02	-64.06	9.18	0.93	-55.81	-13.00	42.81
2854.00	H	36.01	-63.68	9.97	1.07	-54.78	-13.00	41.78
2854.00	V	35.71	-63.97	9.97	1.07	-55.07	-13.00	42.07

LTE Band 66(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, Frequency: 1710.7 MHz								
582.83	H	32.40	-72.76	0.00	0.46	-73.22	-13.00	60.22
52.57	V	38.34	-64.12	-13.72	0.13	-77.97	-13.00	64.97
3421.40	H	39.15	-58.61	10.37	1.17	-49.41	-13.00	36.41
3421.40	V	37.23	-60.50	10.37	1.17	-51.30	-13.00	38.30
5132.10	H	37.32	-56.25	11.28	1.47	-46.44	-13.00	33.44
5132.10	V	34.16	-59.30	11.28	1.47	-49.49	-13.00	36.49
QPSK, Frequency:1745 MHz								
672.84	H	32.14	-72.52	0.00	0.50	-73.02	-13.00	60.02
66.27	V	37.98	-65.90	-6.98	0.15	-73.03	-13.00	60.03
3490.00	H	36.95	-60.89	10.40	1.17	-51.66	-13.00	38.66
3490.00	V	35.86	-61.92	10.40	1.17	-52.69	-13.00	39.69
5235.00	H	38.53	-55.37	11.34	1.46	-45.49	-13.00	32.49
5235.00	V	34.53	-59.18	11.34	1.46	-49.30	-13.00	36.30
QPSK, Frequency: 1779.3 MHz								
41.83	H	32.00	-55.29	-23.98	0.12	-79.39	-13.00	66.39
66.27	V	38.77	-65.11	-6.98	0.15	-72.24	-13.00	59.24
3558.60	H	36.07	-61.60	10.46	1.22	-52.36	-13.00	39.36
3558.60	V	36.35	-61.22	10.46	1.22	-51.98	-13.00	38.98
5337.90	H	37.67	-55.80	11.40	1.47	-45.87	-13.00	32.87
5337.90	V	34.94	-58.39	11.40	1.47	-48.46	-13.00	35.46

Note:
1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
3) Margin = Limit-Absolute Level

==== END OF REPORT =====