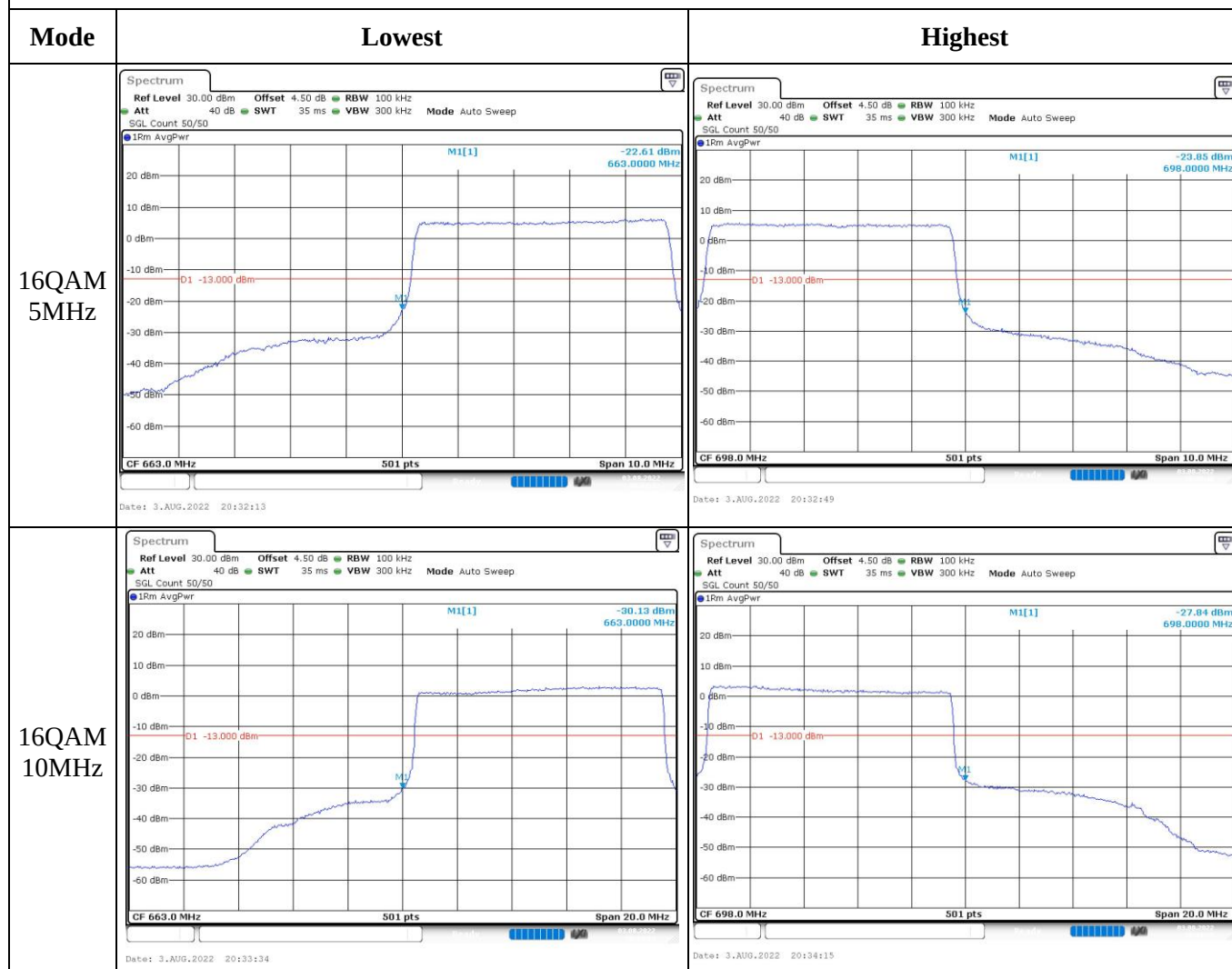
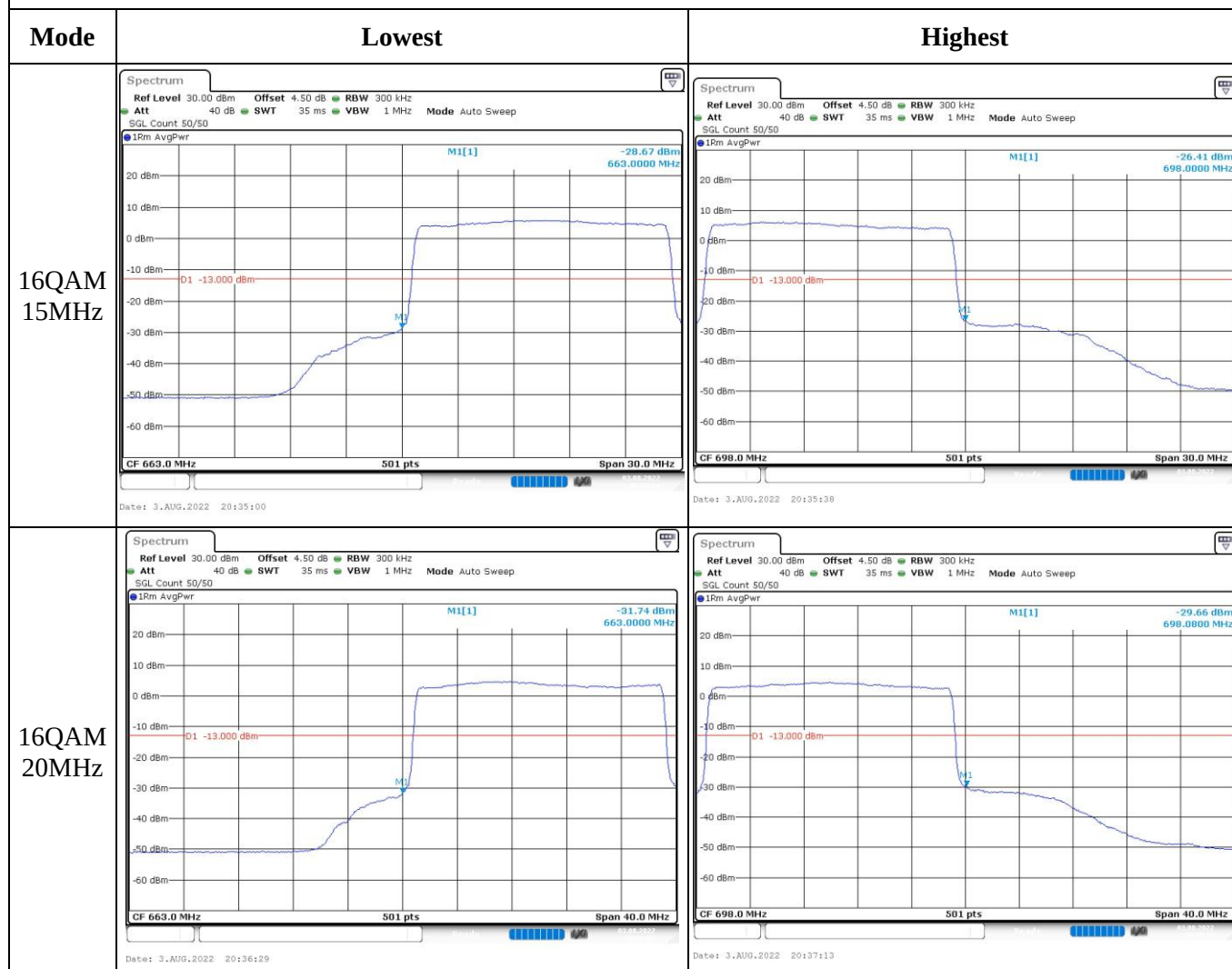


Out of band emission, Band Edge



Out of band emission, Band Edge



4.13 Radiated Spurious Emissions

Serial Number:	CR22070025-RF-S1	Test Date:	2022-07-25~2022-08-02
Test Site:	966-1~966-2	Test Mode:	Transmit
Tester:	Gary Ling, Mark Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5~28.1	Relative Humidity: (%)	44~46	ATM Pressure: (kPa)	100.3
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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	2022-07-15	2023-07-14
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2022-07-17	2023-07-16
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2022-07-17	2023-07-16
Sonoma	Amplifier	310N	186165	2022-07-17	2023-07-16
EMCO	Adjustable Dipole Antenna	3121C	9109-756	N/A	N/A
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2022-07-17	2023-07-16
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	2022-07-15	2023-07-14
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
PASTERNAK	Horn Antenna	PE9852/2F-20	112002	2021-02-05	2024-02-04
PASTERNAK	Horn Antenna	PE9852/2F-20	112001	2021-02-05	2024-02-04
AH	Preamplifier	PAM-1840VH	190	2021-11-19	2022-11-18
PASTERNAK	Horn Antenna	PE9850/2F-20	072001	2021-02-05	2024-02-04
PASTERNAK	Horn Antenna	PE9850/2F-20	072002	2021-02-05	2024-02-04
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**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)			
GPRS 850 Frequency:824.2MHz								
556.36	H	31.25	-74.45	0.00	0.48	-74.93	-13.00	61.93
41.57	V	41.01	-50.84	-24.33	0.12	-75.29	-13.00	62.29
1648.40	H	40.68	-63.65	8.68	0.80	-55.77	-13.00	42.77
1648.40	V	40.80	-63.61	8.68	0.80	-55.73	-13.00	42.73
2472.60	H	38.59	-62.19	9.38	1.00	-53.81	-13.00	40.81
2472.60	V	39.10	-61.63	9.38	1.00	-53.25	-13.00	40.25
3296.80	H	36.90	-59.78	10.32	1.15	-50.61	-13.00	37.61
3296.80	V	36.92	-59.52	10.32	1.15	-50.35	-13.00	37.35
GPRS 850 Frequency:836.6MHz								
452.18	H	32.65	-75.33	0.00	0.43	-75.76	-13.00	62.76
41.57	V	40.85	-51.00	-24.33	0.12	-75.45	-13.00	62.45
1673.20	H	41.41	-62.90	8.71	0.85	-55.04	-13.00	42.04
1673.20	V	41.55	-62.86	8.71	0.85	-55.00	-13.00	42.00
2509.80	H	38.64	-61.97	9.42	1.01	-53.56	-13.00	40.56
2509.80	V	39.24	-61.38	9.42	1.01	-52.97	-13.00	39.97
3346.40	H	37.92	-59.25	10.34	1.16	-50.07	-13.00	37.07
3346.40	V	37.99	-59.04	10.34	1.16	-49.86	-13.00	36.86
GPRS 850 Frequency:848.8MHz								
700.36	H	32.13	-72.47	0.00	0.55	-73.02	-13.00	60.02
35.38	V	41.24	-44.07	-24.18	0.11	-68.36	-13.00	55.36
1697.60	H	41.53	-62.76	8.74	0.90	-54.92	-13.00	41.92
1697.60	V	41.75	-62.67	8.74	0.90	-54.83	-13.00	41.83
2546.40	H	37.83	-62.50	9.47	1.01	-54.04	-13.00	41.04
2546.40	V	38.26	-62.02	9.47	1.01	-53.56	-13.00	40.56
3395.20	H	38.52	-59.17	10.36	1.19	-50.00	-13.00	37.00
3395.20	V	38.62	-59.04	10.36	1.19	-49.87	-13.00	36.87

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								
207.85	H	40.72	-72.01	0.00	0.26	-72.27	-13.00	59.27
35.38	V	41.63	-43.68	-24.18	0.11	-67.97	-13.00	54.97
1652.80	H	40.61	-63.72	8.68	0.81	-55.85	-13.00	42.85
1652.80	V	42.27	-62.14	8.68	0.81	-54.27	-13.00	41.27
2479.20	H	40.25	-60.51	9.39	1.01	-52.13	-13.00	39.13
2479.20	V	40.90	-59.83	9.39	1.01	-51.45	-13.00	38.45
3305.60	H	38.98	-57.75	10.32	1.15	-48.58	-13.00	35.58
3305.60	V	38.79	-57.71	10.32	1.15	-48.54	-13.00	35.54
WCDMA Band 5 Frequency:836.6MHz								
205.00	H	38.28	-74.51	0.00	0.26	-74.77	-13.00	61.77
35.38	V	40.23	-45.08	-24.18	0.11	-69.37	-13.00	56.37
1673.20	H	41.00	-63.31	8.71	0.85	-55.45	-13.00	42.45
1673.20	V	42.68	-61.73	8.71	0.85	-53.87	-13.00	40.87
2509.80	H	40.06	-60.55	9.42	1.01	-52.14	-13.00	39.14
2509.80	V	40.76	-59.86	9.42	1.01	-51.45	-13.00	38.45
3346.40	H	39.68	-57.49	10.34	1.16	-48.31	-13.00	35.31
3346.40	V	39.54	-57.49	10.34	1.16	-48.31	-13.00	35.31
WCDMA Band 5 Frequency:846.6MHz								
295.15	H	37.82	-73.01	0.00	0.33	-73.34	-13.00	60.34
35.38	V	41.23	-44.08	-24.18	0.11	-68.37	-13.00	55.37
1693.20	H	41.38	-62.92	8.73	0.89	-55.08	-13.00	42.08
1693.20	V	43.08	-61.34	8.73	0.89	-53.50	-13.00	40.50
2539.80	H	39.62	-60.76	9.46	1.01	-52.31	-13.00	39.31
2539.80	V	40.18	-60.16	9.46	1.01	-51.71	-13.00	38.71
3386.40	H	40.37	-57.22	10.35	1.18	-48.05	-13.00	35.05
3386.40	V	40.28	-57.26	10.35	1.18	-48.09	-13.00	35.09

PCS Band

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)			
GPRS 1900 Frequency:1850.2MHz								
333.53	H	31.61	-78.60	0.00	0.35	-78.95	-13.00	65.95
40.85	V	38.96	-51.96	-25.28	0.12	-77.36	-13.00	64.36
3700.40	H	39.55	-57.77	10.60	1.25	-48.42	-13.00	35.42
3700.40	V	39.63	-57.67	10.60	1.25	-48.32	-13.00	35.32
5550.60	H	38.78	-54.48	11.44	1.49	-44.53	-13.00	31.53
5550.60	V	39.25	-53.85	11.44	1.49	-43.90	-13.00	30.90
GPRS 1900 Frequency:1880MHz								
206.39	H	38.28	-74.48	0.00	0.26	-74.74	-13.00	61.74
41.67	V	39.42	-52.56	-24.20	0.12	-76.88	-13.00	63.88
3760.00	H	39.04	-57.37	10.66	1.24	-47.95	-13.00	34.95
3760.00	V	39.93	-56.36	10.66	1.24	-46.94	-13.00	33.94
5640.00	H	39.67	-53.78	11.33	1.54	-43.99	-13.00	30.99
5640.00	V	39.19	-54.14	11.33	1.54	-44.35	-13.00	31.35
GPRS 1900 Frequency:1909.8MHz								
204.96	H	35.43	-77.36	0.00	0.26	-77.62	-13.00	64.62
40.85	V	40.33	-50.59	-25.28	0.12	-75.99	-13.00	62.99
3819.60	H	38.99	-56.87	10.72	1.29	-47.44	-13.00	34.44
3819.60	V	39.89	-55.83	10.72	1.29	-46.40	-13.00	33.40
5729.40	H	39.81	-53.67	11.22	1.59	-44.04	-13.00	31.04
5729.40	V	39.25	-54.11	11.22	1.59	-44.48	-13.00	31.48

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								
207.89	H	38.96	-73.77	0.00	0.26	-74.03	-13.00	61.03
36.40	V	40.40	-45.91	-24.67	0.11	-70.69	-13.00	57.69
3704.80	H	39.63	-57.63	10.60	1.25	-48.28	-13.00	35.28
3704.80	V	40.51	-56.72	10.60	1.25	-47.37	-13.00	34.37
5557.20	H	39.25	-54.03	11.43	1.49	-44.09	-13.00	31.09
5557.20	V	38.73	-54.40	11.43	1.49	-44.46	-13.00	31.46
WCDMA Band II, Frequency:1880 MHz								
209.31	H	38.36	-74.35	0.00	0.26	-74.61	-13.00	61.61
35.00	V	40.16	-44.78	-24.00	0.11	-68.89	-13.00	55.89
3760.00	H	39.28	-57.13	10.66	1.24	-47.71	-13.00	34.71
3760.00	V	40.04	-56.25	10.66	1.24	-46.83	-13.00	33.83
5640.00	H	39.78	-53.67	11.33	1.54	-43.88	-13.00	30.88
5640.00	V	39.30	-54.03	11.33	1.54	-44.24	-13.00	31.24
WCDMA Band II, Frequency:1907.6MHz								
207.92	H	39.14	-73.59	0.00	0.26	-73.85	-13.00	60.85
35.87	V	41.35	-44.44	-24.42	0.11	-68.97	-13.00	55.97
3815.20	H	40.08	-55.77	10.72	1.29	-46.34	-13.00	33.34
3815.20	V	40.98	-54.71	10.72	1.29	-45.28	-13.00	32.28
5722.80	H	40.88	-52.61	11.23	1.58	-42.96	-13.00	29.96
5722.80	V	40.30	-53.05	11.23	1.58	-43.40	-13.00	30.40

AWS Band**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								
204.24	H	37.36	-75.45	0.00	0.26	-75.71	-13.00	62.71
35.00	V	40.18	-44.76	-24.00	0.11	-68.87	-13.00	55.87
3424.80	H	40.86	-56.91	10.37	1.17	-47.71	-13.00	34.71
3424.80	V	41.40	-56.34	10.37	1.17	-47.14	-13.00	34.14
5137.20	H	38.84	-54.78	11.28	1.46	-44.96	-13.00	31.96
5137.20	V	39.41	-54.09	11.28	1.46	-44.27	-13.00	31.27
WCDMA Band IV, Frequency:1732.6 MHz								
916.01	H	41.88	-56.94	0.00	0.58	-57.52	-13.00	44.52
35.00	V	40.16	-44.78	-24.00	0.11	-68.89	-13.00	55.89
3465.20	H	41.55	-56.26	10.39	1.15	-47.02	-13.00	34.02
3465.20	V	41.97	-55.80	10.39	1.15	-46.56	-13.00	33.56
5197.80	H	41.35	-52.78	11.32	1.44	-42.90	-13.00	29.90
5197.80	V	41.34	-52.64	11.32	1.44	-42.76	-13.00	29.76
WCDMA Band IV, Frequency:1752.6MHz								
190.41	H	37.18	-75.52	0.00	0.26	-75.78	-13.00	62.78
35.00	V	40.67	-44.27	-24.00	0.11	-68.38	-13.00	55.38
3505.20	H	40.98	-56.85	10.41	1.18	-47.62	-13.00	34.62
3505.20	V	41.80	-55.97	10.41	1.18	-46.74	-13.00	33.74
5257.80	H	40.03	-53.70	11.35	1.47	-43.82	-13.00	30.82
5257.80	V	39.27	-54.24	11.35	1.47	-44.36	-13.00	31.36

LTE Band 4 (30MHz-20GHz):

EYE Band 4 (50MHz to 5GHz)								
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								
158.69	H	32.15	-79.50	0.00	0.23	-79.73	-13.00	66.73
41.89	V	35.62	-56.65	-23.91	0.12	-80.68	-13.00	67.68
3421.40	H	40.47	-57.29	10.37	1.17	-48.09	-13.00	35.09
3421.40	V	41.24	-56.49	10.37	1.17	-47.29	-13.00	34.29
5132.10	H	39.71	-53.86	11.28	1.47	-44.05	-13.00	31.05
5132.10	V	42.15	-51.31	11.28	1.47	-41.50	-13.00	28.50
QPSK, Frequency: 1732.5 MHz								
711.91	H	32.15	-72.19	0.00	0.51	-72.70	-13.00	59.70
42.15	V	33.88	-58.73	-23.56	0.12	-82.41	-13.00	69.41
3465.00	H	40.75	-57.06	10.39	1.15	-47.82	-13.00	34.82
3465.00	V	41.55	-56.22	10.39	1.15	-46.98	-13.00	33.98
5197.50	H	40.90	-53.23	11.32	1.44	-43.35	-13.00	30.35
5197.50	V	43.13	-50.85	11.32	1.44	-40.97	-13.00	27.97
QPSK, Frequency: 1752.6MHz								
148.62	H	31.58	-80.42	0.00	0.22	-80.64	-13.00	67.64
41.64	V	36.77	-55.18	-24.24	0.12	-79.54	-13.00	66.54
3505.20	H	40.67	-57.16	10.41	1.18	-47.93	-13.00	34.93
3505.20	V	41.64	-56.13	10.41	1.18	-46.90	-13.00	33.90
5257.80	H	39.79	-53.94	11.35	1.47	-44.06	-13.00	31.06
5257.80	V	41.89	-51.62	11.35	1.47	-41.74	-13.00	28.74

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								
465.31	H	33.16	-74.52	0.00	0.42	-74.94	-13.00	61.94
49.19	V	47.31	-53.12	-15.69	0.12	-68.93	-13.00	55.93
1649.40	H	40.50	-63.83	8.68	0.80	-55.95	-13.00	42.95
1649.40	V	41.01	-63.40	8.68	0.80	-55.52	-13.00	42.52
2474.10	H	39.84	-60.94	9.38	1.00	-52.56	-13.00	39.56
2474.10	V	42.14	-58.59	9.38	1.00	-50.21	-13.00	37.21
3298.80	H	38.76	-57.92	10.32	1.15	-48.75	-13.00	35.75
3298.80	V	39.73	-56.71	10.32	1.15	-47.54	-13.00	34.54
QPSK, Frequency: 836.5 MHz								
270.68	H	32.26	-79.15	0.00	0.31	-79.46	-13.00	66.46
41.57	V	34.93	-56.92	-24.33	0.12	-81.37	-13.00	68.37
1673.00	H	41.22	-63.09	8.71	0.85	-55.23	-13.00	42.23
1673.00	V	41.75	-62.66	8.71	0.85	-54.80	-13.00	41.80
2509.50	H	39.91	-60.70	9.42	1.01	-52.29	-13.00	39.29
2509.50	V	42.32	-58.30	9.42	1.01	-49.89	-13.00	36.89
3346.00	H	39.48	-57.68	10.34	1.16	-48.50	-13.00	35.50
3346.00	V	40.77	-56.25	10.34	1.16	-47.07	-13.00	34.07
QPSK, Frequency: 848.3 MHz								
145.36	H	33.67	-78.44	0.00	0.23	-78.67	-13.00	65.67
41.57	V	35.49	-56.36	-24.33	0.12	-80.81	-13.00	67.81
1696.60	H	41.86	-62.43	8.74	0.89	-54.58	-13.00	41.58
1696.60	V	42.42	-62.00	8.74	0.89	-54.15	-13.00	41.15
2544.90	H	39.58	-60.76	9.47	1.01	-52.30	-13.00	39.30
2544.90	V	41.84	-58.46	9.47	1.01	-50.00	-13.00	37.00
3393.20	H	40.37	-57.30	10.36	1.19	-48.13	-13.00	35.13
3393.20	V	40.46	-57.17	10.36	1.19	-48.00	-13.00	35.00

LTE Band 12 (30MHz-10GHz):

EYE Band 12 (50.0MHz to 60.0MHz)								
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								
629.55	H	32.99	-71.76	0.00	0.48	-72.24	-13.00	59.24
43.62	V	35.49	-59.02	-21.62	0.12	-80.76	-13.00	67.76
1399.40	H	39.87	-63.83	8.22	0.71	-56.32	-13.00	43.32
1399.40	V	40.64	-63.11	8.22	0.71	-55.60	-13.00	42.60
2099.10	H	40.69	-61.19	9.16	0.91	-52.94	-13.00	39.94
2099.10	V	42.71	-59.12	9.16	0.91	-50.87	-13.00	37.87
2798.80	H	40.53	-59.40	9.88	1.04	-50.56	-13.00	37.56
2798.80	V	40.67	-59.13	9.88	1.04	-50.29	-13.00	37.29
QPSK, Frequency: 707.5 MHz								
903.31	H	39.80	-59.40	0.00	0.58	-59.98	-13.00	46.98
42.01	V	35.13	-57.29	-23.75	0.12	-81.16	-13.00	68.16
1415.00	H	39.51	-64.16	8.26	0.72	-56.62	-13.00	43.62
1415.00	V	40.35	-63.37	8.26	0.72	-55.83	-13.00	42.83
2122.50	H	40.63	-61.36	9.17	0.92	-53.11	-13.00	40.11
2122.50	V	42.86	-59.11	9.17	0.92	-50.86	-13.00	37.86
2830.00	H	37.90	-61.90	9.93	1.06	-53.03	-13.00	40.03
2830.00	V	38.93	-60.80	9.93	1.06	-51.93	-13.00	38.93
QPSK, Frequency: 715.3 MHz								
454.51	H	32.69	-75.24	0.00	0.42	-75.66	-13.00	62.66
41.86	V	32.29	-59.94	-23.94	0.12	-84.00	-13.00	71.00
1430.60	H	39.17	-64.46	8.31	0.73	-56.88	-13.00	43.88
1430.60	V	40.17	-63.52	8.31	0.73	-55.94	-13.00	42.94
2145.90	H	40.78	-61.32	9.19	0.93	-53.06	-13.00	40.06
2145.90	V	42.98	-59.13	9.19	0.93	-50.87	-13.00	37.87
2861.20	H	40.10	-59.55	9.98	1.07	-50.64	-13.00	37.64
2861.20	V	40.16	-59.51	9.98	1.07	-50.60	-13.00	37.60

LTE Band 7 (30MHz-26.5GHz):

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: 2502.5 MHz								
550.21	H	31.20	-74.63	0.00	0.47	-75.10	-25.00	50.10
42.61	V	34.85	-58.35	-22.95	0.12	-81.42	-25.00	56.42
5005.00	H	38.89	-54.07	11.20	1.47	-44.34	-25.00	19.34
5005.00	V	40.09	-52.73	11.20	1.47	-43.00	-25.00	18.00
7507.50	H	43.18	-46.61	10.90	1.95	-37.66	-25.00	12.66
7507.50	V	45.54	-44.75	10.90	1.95	-35.80	-25.00	10.80
QPSK, Frequency:2535 MHz								
719.20	H	33.07	-71.10	0.00	0.49	-71.59	-25.00	46.59
42.75	V	34.58	-58.80	-22.77	0.12	-81.69	-25.00	56.69
5070.00	H	40.15	-53.04	11.24	1.47	-43.27	-25.00	18.27
5070.00	V	41.40	-51.69	11.24	1.47	-41.92	-25.00	16.92
7605.00	H	42.86	-46.61	10.88	2.01	-37.74	-25.00	12.74
7605.00	V	45.43	-44.76	10.88	2.01	-35.89	-25.00	10.89
QPSK, Frequency: 2567.5 MHz								
642.36	H	31.26	-73.47	0.00	0.52	-73.99	-25.00	48.99
42.16	V	35.69	-56.93	-23.55	0.12	-80.60	-25.00	55.60
5135.00	H	41.30	-52.30	11.28	1.47	-42.49	-25.00	17.49
5135.00	V	42.49	-51.00	11.28	1.47	-41.19	-25.00	16.19
7702.50	H	42.99	-46.53	10.86	1.97	-37.64	-25.00	12.64
7702.50	V	45.49	-44.69	10.86	1.97	-35.80	-25.00	10.80

LTE Band 71 (30MHz-10GHz):

EYE Band 71 (50MHz to 6GHz).								
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: 665.5 MHz								
356.98	H	31.25	-78.61	0.00	0.36	-78.97	-13.00	65.97
42.76	V	34.46	-58.94	-22.76	0.12	-81.82	-13.00	68.82
1331.00	H	39.12	-63.91	8.03	0.76	-56.64	-13.00	43.64
1331.00	V	40.83	-62.53	8.03	0.76	-55.26	-13.00	42.26
1996.50	H	38.72	-63.44	9.10	0.89	-55.23	-13.00	42.23
1996.50	V	37.92	-63.62	9.10	0.89	-55.41	-13.00	42.41
2662.00	H	38.31	-61.65	9.66	1.06	-53.05	-13.00	40.05
2662.00	V	38.46	-61.42	9.66	1.06	-52.82	-13.00	39.82
QPSK, Frequency:680.5 MHz								
248.69	H	31.66	-80.27	0.00	0.30	-80.57	-13.00	67.57
42.36	V	35.68	-57.20	-23.28	0.12	-80.60	-13.00	67.60
1361.00	H	39.79	-63.54	8.11	0.77	-56.20	-13.00	43.20
1361.00	V	41.52	-62.01	8.11	0.77	-54.67	-13.00	41.67
2041.50	H	39.25	-62.78	9.12	0.91	-54.57	-13.00	41.57
2041.50	V	38.74	-62.90	9.12	0.91	-54.69	-13.00	41.69
2722.00	H	38.68	-61.29	9.76	1.05	-52.58	-13.00	39.58
2722.00	V	38.95	-60.96	9.76	1.05	-52.25	-13.00	39.25
QPSK, Frequency: 695.5 MHz								
125.67	H	30.96	-81.19	0.00	0.21	-81.40	-13.00	68.40
42.85	V	34.87	-58.64	-22.64	0.12	-81.40	-13.00	68.40
1391.00	H	40.39	-63.23	8.19	0.72	-55.76	-13.00	42.76
1391.00	V	42.10	-61.60	8.19	0.72	-54.13	-13.00	41.13
2086.50	H	40.01	-61.90	9.15	0.91	-53.66	-13.00	40.66
2086.50	V	39.99	-61.80	9.15	0.91	-53.56	-13.00	40.56
2782.00	H	38.46	-61.48	9.85	1.05	-52.68	-13.00	39.68
2782.00	V	38.62	-61.21	9.85	1.05	-52.41	-13.00	39.41

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								
612.30	H	30.69	-74.10	0.00	0.47	-74.57	-13.00	61.57
42.45	V	34.87	-58.13	-23.17	0.12	-81.42	-13.00	68.42
3421.40	H	41.42	-56.34	10.37	1.17	-47.14	-13.00	34.14
3421.40	V	42.59	-55.14	10.37	1.17	-45.94	-13.00	32.94
5132.10	H	41.42	-52.15	11.28	1.47	-42.34	-13.00	29.34
5132.10	V	43.47	-49.99	11.28	1.47	-40.18	-13.00	27.18
QPSK, Frequency:1745 MHz								
63.65	H	30.59	-73.25	-8.37	0.14	-81.76	-13.00	68.76
42.75	V	35.06	-58.32	-22.77	0.12	-81.21	-13.00	68.21
3490.00	H	41.54	-56.30	10.40	1.17	-47.07	-13.00	34.07
3490.00	V	42.75	-55.03	10.40	1.17	-45.80	-13.00	32.80
5235.00	H	41.78	-52.12	11.34	1.46	-42.24	-13.00	29.24
5235.00	V	43.58	-50.13	11.34	1.46	-40.25	-13.00	27.25
QPSK, Frequency: 1779.3 MHz								
523.32	H	31.85	-74.53	0.00	0.42	-74.95	-13.00	61.95
42.15	V	35.21	-57.40	-23.56	0.12	-81.08	-13.00	68.08
3558.60	H	41.77	-55.90	10.46	1.22	-46.66	-13.00	33.66
3558.60	V	43.81	-53.76	10.46	1.22	-44.52	-13.00	31.52
5337.90	H	39.97	-53.50	11.40	1.47	-43.57	-13.00	30.57
5337.90	V	40.10	-53.23	11.40	1.47	-43.30	-13.00	30.30

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 =====