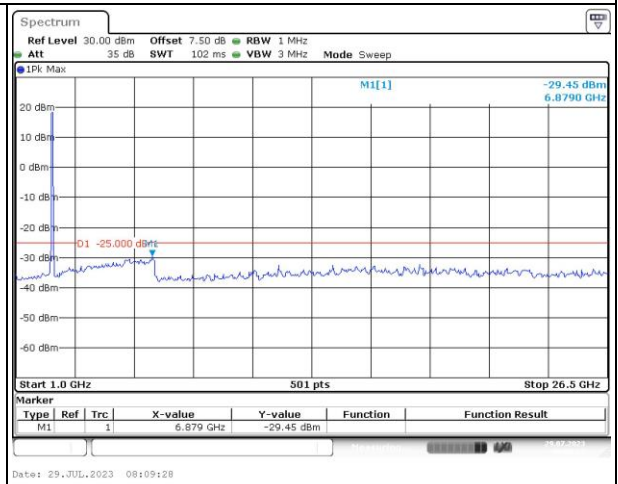
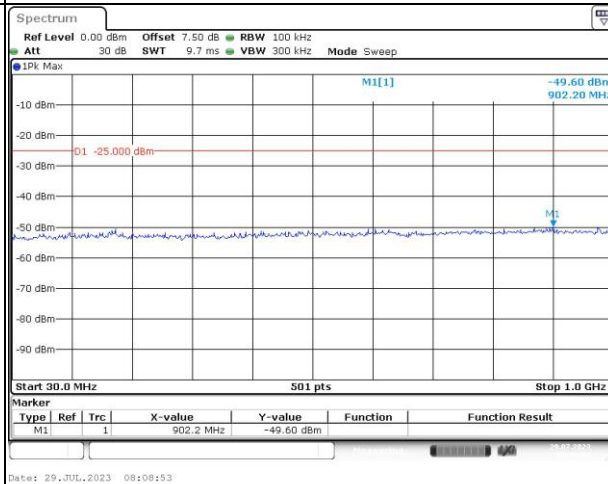


Spurious Emissions at Antenna Terminal

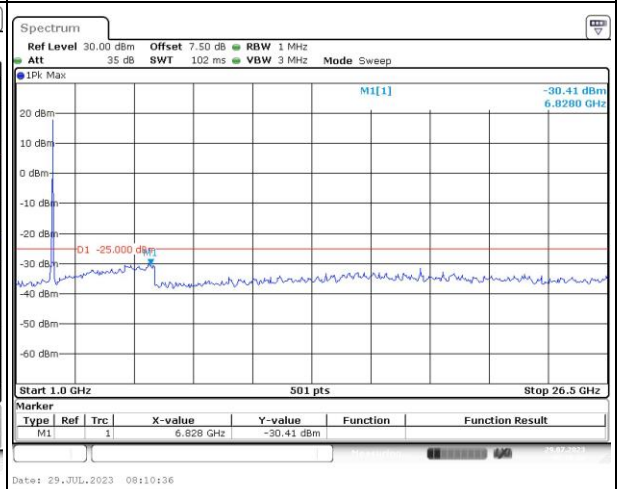
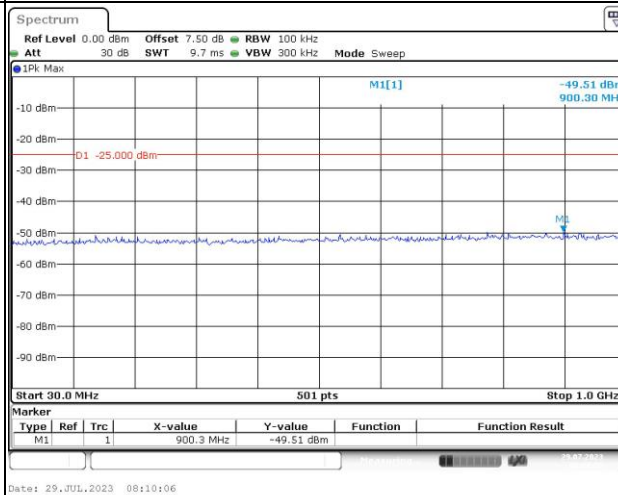
Channel

15MHz Bandwidth QPSK

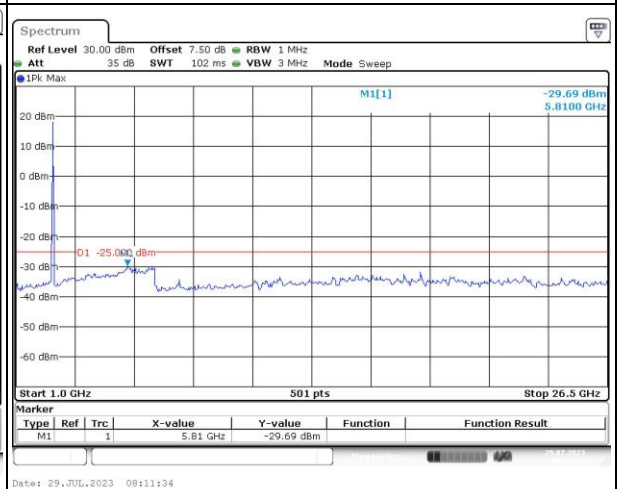
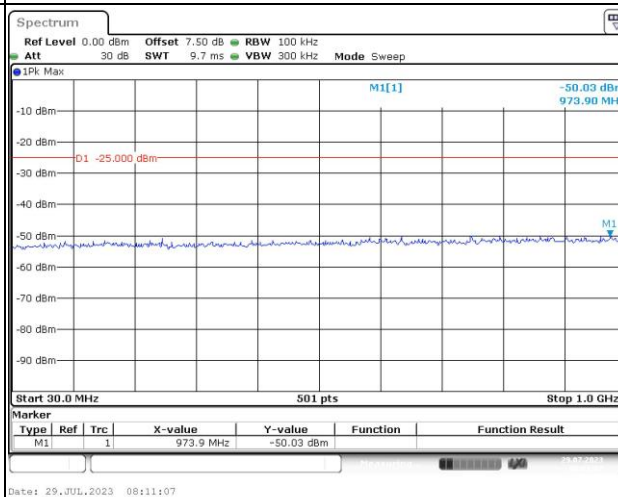
Lowest



Middle



Highest

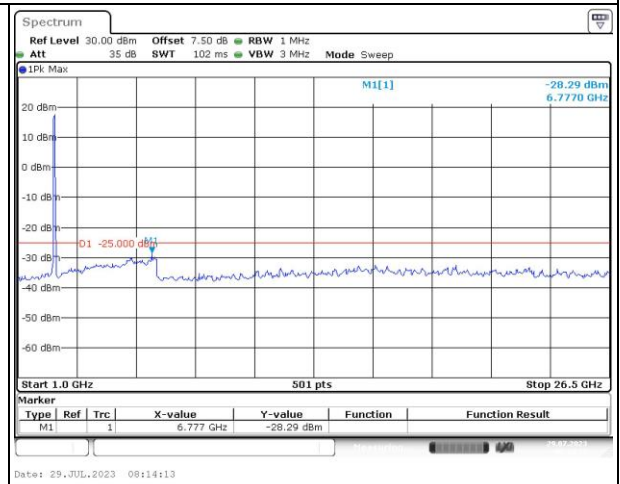
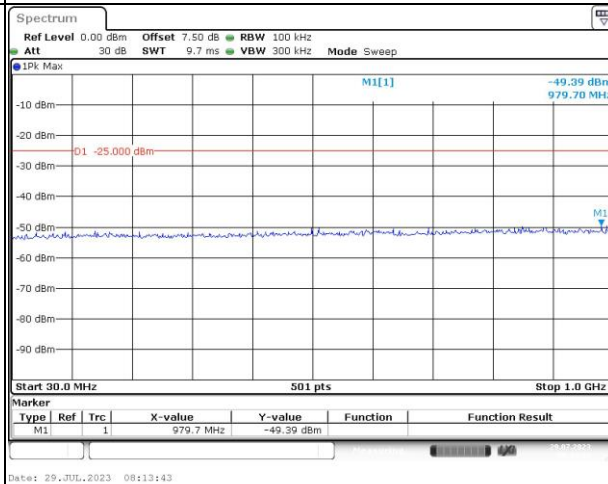


Spurious Emissions at Antenna Terminal

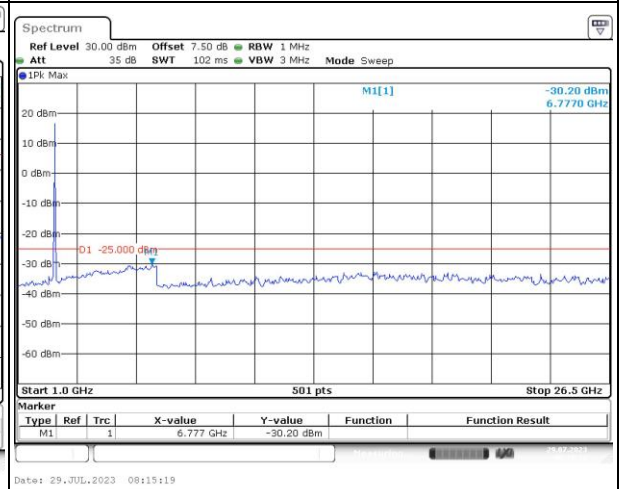
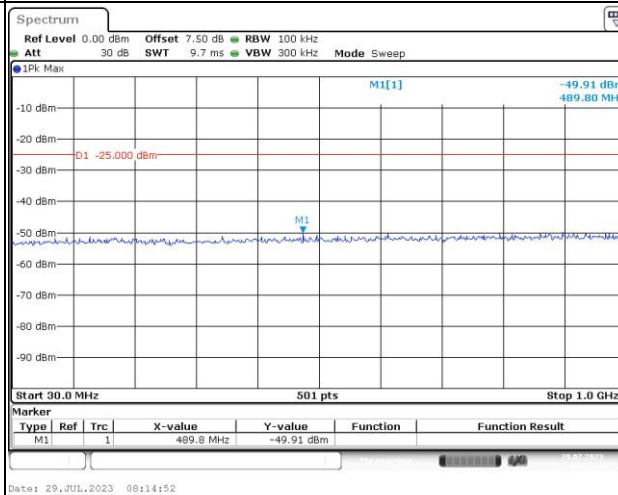
Channel

20MHz Bandwidth QPSK

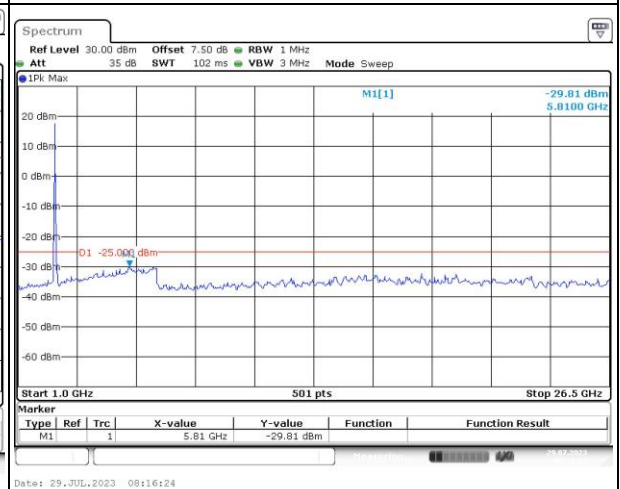
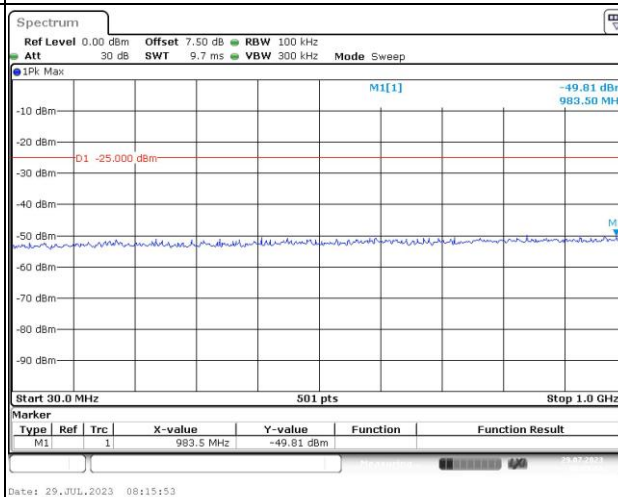
Lowest



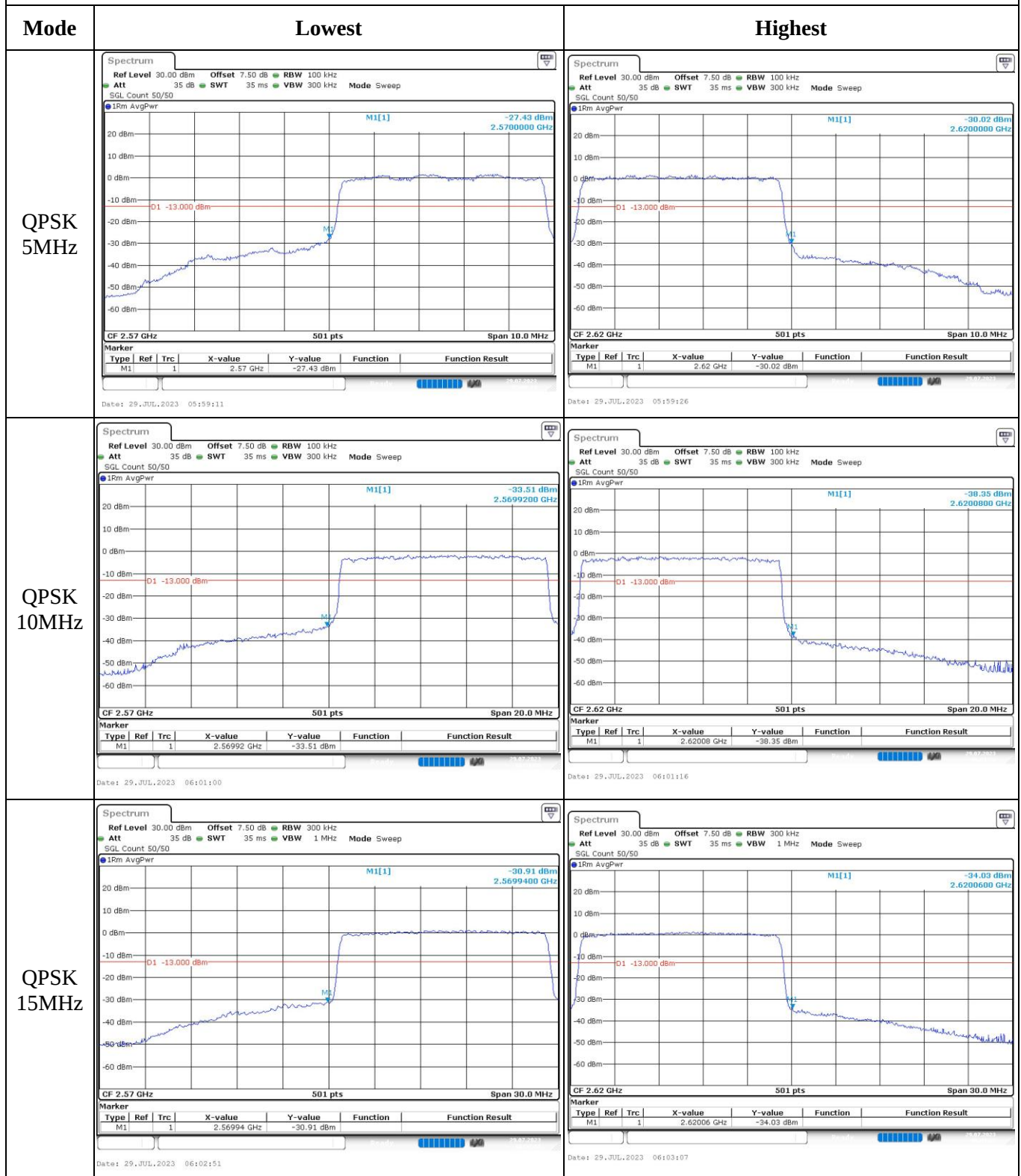
Middle



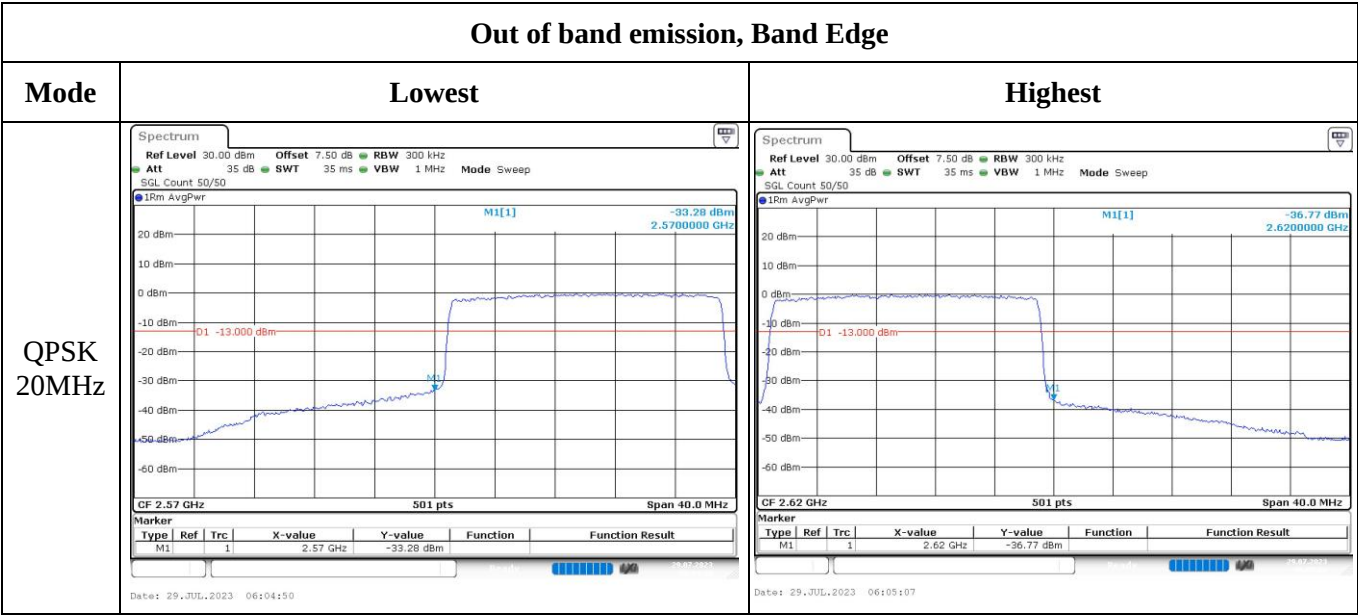
Highest



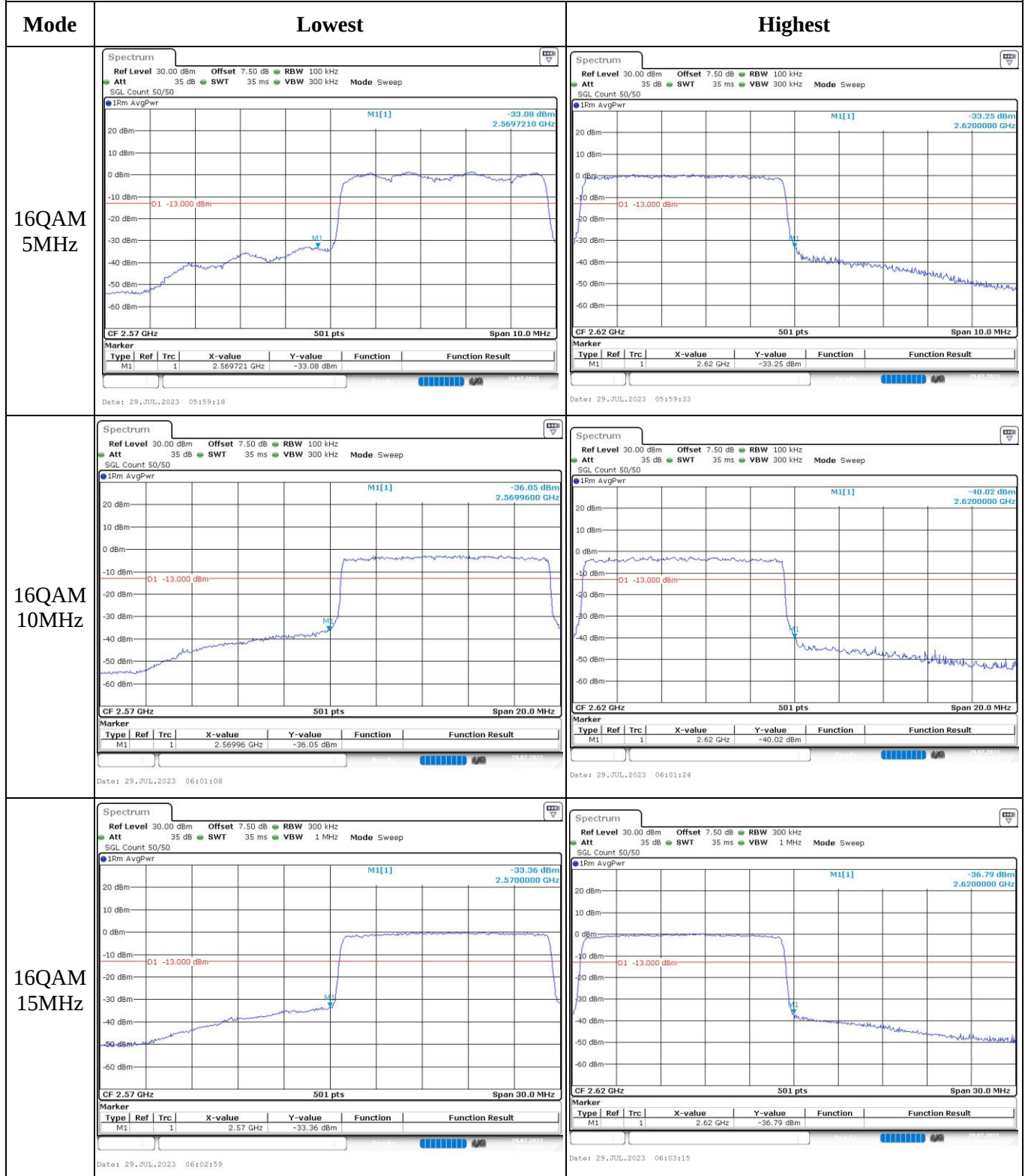
Out of band emission, Band Edge



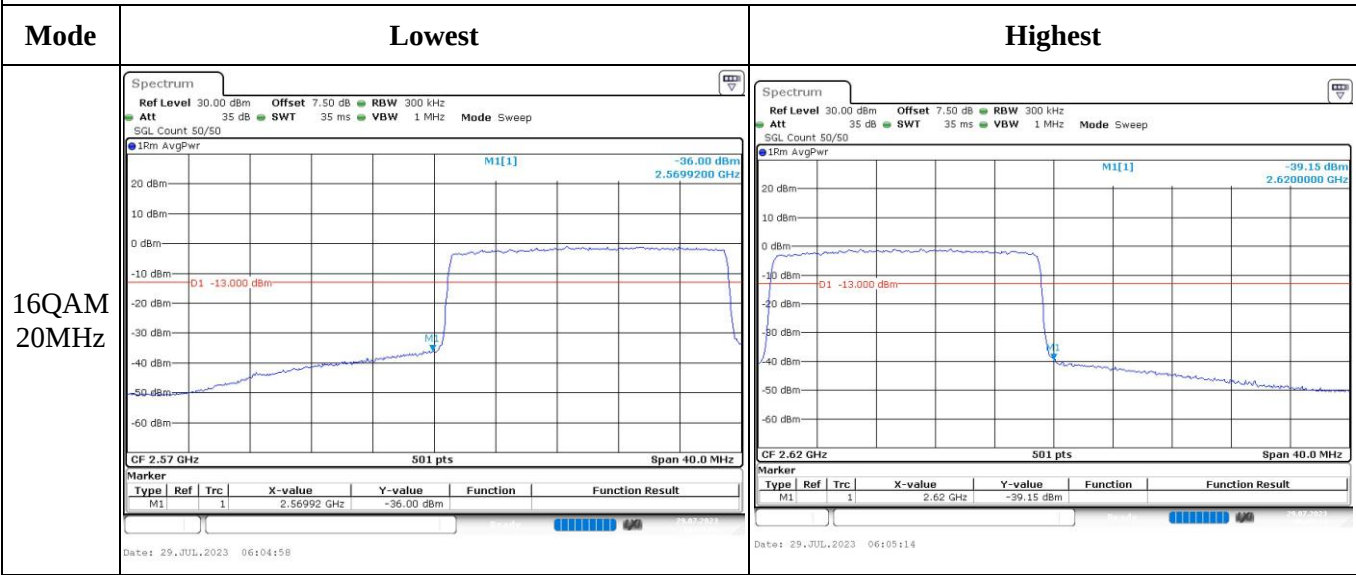
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.11 Radiated Spurious Emissions

Serial Number:	27Z1-1	Test Date:	2023/8/7~2023/8/8
Test Site:	996-1/966-2	Test Mode:	Transmitting
Tester:	Carl Xue,coco Tian	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9~27.3	Relative Humidity: (%)	66~81	ATM Pressure: (kPa)	99.6~99.8
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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	2023/3/31	2024/3/30
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2023/7/16	2024/7/15
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2023/7/16	2024/7/15
Sonoma	Amplifier	310N	186165	2023/7/16	2024/7/15
EMCO	Adjustable Dipole Antenna	3121C	9109-756	N/A	N/A
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2022/7/16	2024/7/15
Agilent	Signal Generator	E8247C	MY43321352	2022/11/18	2023/11/17
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020/10/13	2023/10/12
R&S	Spectrum Analyzer	FSV40	101591	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2023/8/6	2024/8/5
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2023/8/6	2024/8/5
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2022/11/9	2023/11/8
AH	Double Ridge Guide Horn Antenna	SAS-571	1396	2021/10/18	2024/10/17
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2022/7/16	2024/7/15
PASTERNAK	Horn Antenna	PE9852/2F-20	112002	2021/2/5	2024/2/4
PASTERNAK	Horn Antenna	PE9852/2F-20	112001	2021/2/5	2024/2/4
Quinstar	Preamplifier	QLW-18405536-JO	15964001005	2022/9/16	2023/9/15
PASTERNAK	Horn Antenna	PE9850/2F-20	072001	2021/2/5	2024/2/4
PASTERNAK	Horn Antenna	PE9850/2F-20	072002	2021/2/5	2024/2/4
MICRO-COAX	Coaxial Cable	UFB142A-1-2362-200200	235772-001	2023/8/6	2024/8/5

*** 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.

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

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								
668.68	H	21.08	-52.41	0.00	0.50	-52.91	-13.00	39.91
654.77	V	20.87	-49.87	0.00	0.52	-50.39	-13.00	37.39
1648.400	H	61.38	-42.95	8.68	0.80	-35.07	-13.00	22.07
1648.400	V	55.37	-49.04	8.68	0.80	-41.16	-13.00	28.16
2472.600	H	51.41	-49.37	9.38	1.00	-40.99	-13.00	27.99
2472.600	V	49.68	-51.05	9.38	1.00	-42.67	-13.00	29.67
3296.800	H	36.49	-60.19	10.32	1.15	-51.02	-13.00	38.02
3296.800	V	38.42	-58.02	10.32	1.15	-48.85	-13.00	35.85
GSM 850 Frequency:836.6MHz								
727.35	H	21.21	-51.56	0.00	0.52	-52.08	-13.00	39.08
714.70	V	20.63	-48.97	0.00	0.50	-49.47	-13.00	36.47
1673.200	H	61.75	-42.56	8.71	0.85	-34.70	-13.00	21.70
1673.200	V	58.84	-45.57	8.71	0.85	-37.71	-13.00	24.71
2509.800	H	52.69	-47.92	9.42	1.01	-39.51	-13.00	26.51
2509.800	V	50.05	-50.57	9.42	1.01	-42.16	-13.00	29.16
3346.400	H	37.56	-59.61	10.34	1.16	-50.43	-13.00	37.43
3346.400	V	38.70	-58.33	10.34	1.16	-49.15	-13.00	36.15
GSM 850 Frequency:848.8MHz								
704.76	H	20.91	-52.31	0.00	0.55	-52.86	-13.00	39.86
694.95	V	20.82	-49.19	0.00	0.55	-49.74	-13.00	36.74
1697.600	H	62.41	-41.88	8.74	0.90	-34.04	-13.00	21.04
1697.600	V	59.78	-44.64	8.74	0.90	-36.80	-13.00	23.80
2546.400	H	54.13	-46.20	9.47	1.01	-37.74	-13.00	24.74
2546.400	V	50.79	-49.49	9.47	1.01	-41.03	-13.00	28.03
3395.200	H	37.82	-59.87	10.36	1.19	-50.70	-13.00	37.70
3395.200	V	39.48	-58.18	10.36	1.19	-49.01	-13.00	36.01

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								
729.88	H	20.92	-51.80	0.00	0.53	-52.33	-13.00	39.33
682.88	V	21.20	-49.03	0.00	0.53	-49.56	-13.00	36.56
1652.800	H	48.67	-55.66	8.68	0.81	-47.79	-13.00	34.79
1652.800	V	43.58	-60.83	8.68	0.81	-52.96	-13.00	39.96
2479.200	H	51.36	-49.40	9.39	1.01	-41.02	-13.00	28.02
2479.200	V	53.12	-47.61	9.39	1.01	-39.23	-13.00	26.23
3305.600	H	35.67	-61.06	10.32	1.15	-51.89	-13.00	38.89
3305.600	V	34.65	-61.85	10.32	1.15	-52.68	-13.00	39.68
WCDMA Band 5 Frequency:836.6MHz								
724.79	H	20.79	-52.03	0.00	0.51	-52.54	-13.00	39.54
659.38	V	21.57	-49.09	0.00	0.51	-49.60	-13.00	36.60
1673.200	H	46.79	-57.52	8.71	0.85	-49.66	-13.00	36.66
1673.200	V	42.58	-61.83	8.71	0.85	-53.97	-13.00	40.97
2509.800	H	53.64	-46.97	9.42	1.01	-38.56	-13.00	25.56
2509.800	V	52.17	-48.45	9.42	1.01	-40.04	-13.00	27.04
3346.400	H	36.54	-60.63	10.34	1.16	-51.45	-13.00	38.45
3346.400	V	36.49	-60.54	10.34	1.16	-51.36	-13.00	38.36
WCDMA Band 5 Frequency:846.6MHz								
714.70	H	21.26	-51.76	0.00	0.50	-52.26	-13.00	39.26
719.73	V	20.93	-48.56	0.00	0.49	-49.05	-13.00	36.05
1693.200	H	48.16	-56.14	8.73	0.89	-48.30	-13.00	35.30
1693.200	V	45.67	-58.75	8.73	0.89	-50.91	-13.00	37.91
2539.800	H	52.63	-47.75	9.46	1.01	-39.30	-13.00	26.30
2539.800	V	50.69	-49.65	9.46	1.01	-41.20	-13.00	28.20
3386.400	H	35.47	-62.12	10.35	1.18	-52.95	-13.00	39.95
3386.400	V	36.42	-61.12	10.35	1.18	-51.95	-13.00	38.95

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								
420.15	H	28.80	-79.94	0.00	0.39	-80.33	-13.00	67.33
45.03	V	37.49	-58.84	-19.77	0.12	-78.73	-13.00	65.73
3700.400	H	51.55	-45.77	10.60	1.25	-36.42	-13.00	23.42
3700.400	V	50.36	-46.94	10.60	1.25	-37.59	-13.00	24.59
5550.600	H	44.52	-48.74	11.44	1.49	-38.79	-13.00	25.79
5550.600	V	44.61	-48.49	11.44	1.49	-38.54	-13.00	25.54
GSM 1900 Frequency:1880MHz								
584.01	H	28.64	-76.50	0.00	0.46	-76.96	-13.00	63.96
45.21	V	37.81	-58.70	-19.59	0.12	-78.41	-13.00	65.41
3760.000	H	51.46	-44.95	10.66	1.24	-35.53	-13.00	22.53
3760.000	V	50.67	-45.62	10.66	1.24	-36.20	-13.00	23.20
5640.000	H	46.37	-47.08	11.33	1.54	-37.29	-13.00	24.29
5640.000	V	43.79	-49.54	11.33	1.54	-39.75	-13.00	26.75
GSM 1900 Frequency:1909.8MHz								
728.22	H	28.95	-75.02	0.00	0.52	-75.54	-13.00	62.54
45.69	V	37.44	-59.54	-19.12	0.12	-78.78	-13.00	65.78
3819.600	H	53.61	-42.25	10.72	1.29	-32.82	-13.00	19.82
3819.600	V	51.09	-44.63	10.72	1.29	-35.20	-13.00	22.20
5729.400	H	43.97	-49.51	11.22	1.59	-39.88	-13.00	26.88
5729.400	V	40.39	-52.97	11.22	1.59	-43.34	-13.00	30.34

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								
323.81	H	28.78	-81.58	0.00	0.34	-81.92	-13.00	68.92
45.21	V	38.05	-58.46	-19.59	0.12	-78.17	-13.00	65.17
3704.800	H	36.47	-60.79	10.60	1.25	-51.44	-13.00	38.44
3704.800	V	35.84	-61.39	10.60	1.25	-52.04	-13.00	39.04
5557.200	H	39.48	-53.80	11.43	1.49	-43.86	-13.00	30.86
5557.200	V	38.52	-54.61	11.43	1.49	-44.67	-13.00	31.67
WCDMA Band II, Frequency:1880 MHz								
514.18	H	29.07	-77.50	0.00	0.44	-77.94	-13.00	64.94
45.69	V	38.11	-58.87	-19.12	0.12	-78.11	-13.00	65.11
3760.000	H	37.54	-58.87	10.66	1.24	-49.45	-13.00	36.45
3760.000	V	38.09	-58.20	10.66	1.24	-48.78	-13.00	35.78
5640.000	H	40.50	-52.95	11.33	1.54	-43.16	-13.00	30.16
5640.000	V	39.15	-54.18	11.33	1.54	-44.39	-13.00	31.39
WCDMA Band II, Frequency:1907.6MHz								
430.06	H	28.85	-79.65	0.00	0.40	-80.05	-13.00	67.05
45.69	V	38.27	-58.71	-19.12	0.12	-77.95	-13.00	64.95
3815.200	H	36.77	-59.08	10.72	1.29	-49.65	-13.00	36.65
3815.200	V	36.49	-59.20	10.72	1.29	-49.77	-13.00	36.77
5722.800	H	39.78	-53.71	11.23	1.58	-44.06	-13.00	31.06
5722.800	V	38.45	-54.90	11.23	1.58	-45.25	-13.00	32.25

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								
74.35	H	28.91	-77.48	-2.83	0.16	-80.47	-13.00	67.47
45.21	V	37.70	-58.81	-19.59	0.12	-78.52	-13.00	65.52
3424.800	H	38.76	-59.01	10.37	1.17	-49.81	-13.00	36.81
3424.800	V	39.54	-58.20	10.37	1.17	-49.00	-13.00	36.00
5137.200	H	37.98	-55.64	11.28	1.46	-45.82	-13.00	32.82
5137.200	V	38.64	-54.86	11.28	1.46	-45.04	-13.00	32.04
WCDMA Band IV, Frequency:1732.6 MHz								
519.61	H	28.88	-77.58	0.00	0.41	-77.99	-13.00	64.99
45.21	V	37.83	-58.68	-19.59	0.12	-78.39	-13.00	65.39
3465.200	H	39.64	-58.17	10.39	1.15	-48.93	-13.00	35.93
3465.200	V	40.21	-57.56	10.39	1.15	-48.32	-13.00	35.32
5197.800	H	38.52	-55.61	11.32	1.44	-45.73	-13.00	32.73
5197.800	V	36.47	-57.51	11.32	1.44	-47.63	-13.00	34.63
WCDMA Band IV, Frequency:1752.6MHz								
237.91	H	29.01	-83.13	0.00	0.29	-83.42	-13.00	70.42
45.69	V	38.13	-58.85	-19.12	0.12	-78.09	-13.00	65.09
3505.200	H	37.64	-60.19	10.41	1.18	-50.96	-13.00	37.96
3505.200	V	38.59	-59.18	10.41	1.18	-49.95	-13.00	36.95
5257.800	H	38.64	-55.09	11.35	1.47	-45.21	-13.00	32.21
5257.800	V	37.94	-55.57	11.35	1.47	-45.69	-13.00	32.69

LTE Bands:
(The Worst modulation and bandwidth was below)

LTE Band 2 (30MHz-20GHz):

ETE Band 2 (50MHz - 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								
706.70	H	29.84	-74.62	0.00	0.54	-75.16	-13.00	62.16
45.69	V	37.77	-59.21	-19.12	0.12	-78.45	-13.00	65.45
3701.400	H	41.95	-55.36	10.60	1.25	-46.01	-13.00	33.01
3701.400	V	40.38	-56.91	10.60	1.25	-47.56	-13.00	34.56
5552.100	H	34.77	-58.50	11.44	1.49	-48.55	-13.00	35.55
5552.100	V	36.58	-56.52	11.44	1.49	-46.57	-13.00	33.57
QPSK, Frequency: 1880 MHz								
470.71	H	29.88	-77.67	0.00	0.43	-78.10	-13.00	65.10
45.21	V	37.68	-58.83	-19.59	0.12	-78.54	-13.00	65.54
3760.000	H	42.56	-53.85	10.66	1.24	-44.43	-13.00	31.43
3760.000	V	40.59	-55.70	10.66	1.24	-46.28	-13.00	33.28
5640.000	H	34.79	-58.66	11.33	1.54	-48.87	-13.00	35.87
5640.000	V	35.17	-58.16	11.33	1.54	-48.37	-13.00	35.37
QPSK, Frequency: 1909.3 MHz								
419.35	H	29.63	-79.13	0.00	0.39	-79.52	-13.00	66.52
45.69	V	38.34	-58.64	-19.12	0.12	-77.88	-13.00	64.88
3818.600	H	41.37	-54.49	10.72	1.29	-45.06	-13.00	32.06
3818.600	V	40.56	-55.15	10.72	1.29	-45.72	-13.00	32.72
5727.900	H	35.84	-57.64	11.23	1.59	-48.00	-13.00	35.00
5727.900	V	36.15	-57.21	11.23	1.59	-47.57	-13.00	34.57

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								
667.96	H	28.85	-75.82	0.00	0.50	-76.32	-13.00	63.32
45.53	V	37.74	-59.08	-19.28	0.12	-78.48	-13.00	65.48
3421.400	H	40.67	-57.09	10.37	1.17	-47.89	-13.00	34.89
3421.400	V	42.97	-54.76	10.37	1.17	-45.56	-13.00	32.56
5132.100	H	37.94	-55.63	11.28	1.47	-45.82	-13.00	32.82
5132.100	V	39.15	-54.31	11.28	1.47	-44.50	-13.00	31.50
QPSK,Frequency:1732.5 MHz								
228.67	H	28.89	-83.43	0.00	0.29	-83.72	-13.00	70.72
45.21	V	37.45	-59.06	-19.59	0.12	-78.77	-13.00	65.77
3465.000	H	42.15	-55.66	10.39	1.15	-46.42	-13.00	33.42
3465.000	V	43.56	-54.21	10.39	1.15	-44.97	-13.00	31.97
5197.500	H	39.64	-54.49	11.32	1.44	-44.61	-13.00	31.61
5197.500	V	38.85	-55.13	11.32	1.44	-45.25	-13.00	32.25
QPSK,Frequency:1754.3MHz								
515.43	H	29.13	-77.41	0.00	0.44	-77.85	-13.00	64.85
45.21	V	37.60	-58.91	-19.59	0.12	-78.62	-13.00	65.62
3508.600	H	41.23	-56.59	10.41	1.19	-47.37	-13.00	34.37
3508.600	V	44.58	-53.18	10.41	1.19	-43.96	-13.00	30.96
5262.900	H	37.64	-56.06	11.36	1.47	-46.17	-13.00	33.17
5262.900	V	40.31	-53.16	11.36	1.47	-43.27	-13.00	30.27

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								
685.28	H	20.94	-52.46	0.00	0.53	-52.99	-13.00	39.99
702.29	V	21.16	-48.71	0.00	0.55	-49.26	-13.00	36.26
1649.400	H	60.35	-43.98	8.68	0.80	-36.10	-13.00	23.10
1649.400	V	53.47	-50.94	8.68	0.80	-43.06	-13.00	30.06
2474.100	H	50.37	-50.41	9.38	1.00	-42.03	-13.00	29.03
2474.100	V	46.78	-53.95	9.38	1.00	-45.57	-13.00	32.57
3298.800	H	36.42	-60.26	10.32	1.15	-51.09	-13.00	38.09
3298.800	V	35.79	-60.65	10.32	1.15	-51.48	-13.00	38.48
QPSK, Frequency: 836.5 MHz								
719.73	H	21.18	-51.74	0.00	0.49	-52.23	-13.00	39.23
727.33	V	21.38	-47.94	0.00	0.52	-48.46	-13.00	35.46
1673.000	H	59.31	-45.00	8.71	0.85	-37.14	-13.00	24.14
1673.000	V	52.61	-51.80	8.71	0.85	-43.94	-13.00	30.94
2509.500	H	50.49	-50.12	9.42	1.01	-41.71	-13.00	28.71
2509.500	V	45.78	-54.84	9.42	1.01	-46.43	-13.00	33.43
3346.000	H	36.12	-61.04	10.34	1.16	-51.86	-13.00	38.86
3346.000	V	35.71	-61.31	10.34	1.16	-52.13	-13.00	39.13
QPSK, Frequency: 848.3 MHz								
709.71	H	20.82	-52.30	0.00	0.52	-52.82	-13.00	39.82
654.77	V	20.98	-49.76	0.00	0.52	-50.28	-13.00	37.28
1696.600	H	58.46	-45.83	8.74	0.89	-37.98	-13.00	24.98
1696.600	V	53.17	-51.25	8.74	0.89	-43.40	-13.00	30.40
2544.900	H	52.46	-47.88	9.47	1.01	-39.42	-13.00	26.42
2544.900	V	44.63	-55.67	9.47	1.01	-47.21	-13.00	34.21
3393.200	H	35.24	-62.43	10.36	1.19	-53.26	-13.00	40.26
3393.200	V	35.49	-62.14	10.36	1.19	-52.97	-13.00	39.97

LTE Band 7 (30MHz-26.5GHz):

EYE Band 7 (50MHz 20.5GHz)								
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								
467.42	H	29.19	-78.44	0.00	0.42	-78.86	-25.00	53.86
45.21	V	38.22	-58.29	-19.59	0.12	-78.00	-25.00	53.00
5005.000	H	35.45	-57.51	11.20	1.47	-47.78	-25.00	22.78
5005.000	V	34.62	-58.20	11.20	1.47	-48.47	-25.00	23.47
7507.500	H	33.47	-56.32	10.90	1.95	-47.37	-25.00	22.37
7507.500	V	34.36	-55.93	10.90	1.95	-46.98	-25.00	21.98
QPSK, Frequency:2535 MHz								
706.69	H	29.49	-74.97	0.00	0.54	-75.51	-25.00	50.51
45.21	V	37.79	-58.72	-19.59	0.12	-78.43	-25.00	53.43
5070.000	H	35.64	-57.55	11.24	1.47	-47.78	-25.00	22.78
5070.000	V	34.57	-58.52	11.24	1.47	-48.75	-25.00	23.75
7605.000	H	34.69	-54.78	10.88	2.01	-45.91	-25.00	20.91
7605.000	V	34.37	-55.82	10.88	2.01	-46.95	-25.00	21.95
QPSK, Frequency: 2567.5 MHz								
259.49	H	28.95	-82.73	0.00	0.31	-83.04	-25.00	58.04
45.69	V	38.10	-58.88	-19.12	0.12	-78.12	-25.00	53.12
5135.000	H	36.02	-57.58	11.28	1.47	-47.77	-25.00	22.77
5135.000	V	34.57	-58.92	11.28	1.47	-49.11	-25.00	24.11
7702.500	H	36.17	-53.35	10.86	1.97	-44.46	-25.00	19.46
7702.500	V	35.84	-54.34	10.86	1.97	-45.45	-25.00	20.45

LTE Band 38 (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: 2572.5MHz								
275.96	H	29.37	-81.92	0.00	0.32	-82.24	-25.00	57.24
45.69	V	37.96	-59.02	-19.12	0.12	-78.26	-25.00	53.26
5145.000	H	39.64	-54.04	11.29	1.44	-44.19	-25.00	19.19
5145.000	V	37.99	-55.58	11.29	1.44	-45.73	-25.00	20.73
7717.500	H	35.63	-53.88	10.86	1.99	-45.01	-25.00	20.01
7717.500	V	35.42	-54.71	10.86	1.99	-45.84	-25.00	20.84
QPSK, Frequency:2595 MHz								
569.86	H	28.96	-76.47	0.00	0.46	-76.93	-25.00	51.93
45.21	V	38.02	-58.49	-19.59	0.12	-78.20	-25.00	53.20
5190.000	H	40.15	-53.92	11.31	1.44	-44.05	-25.00	19.05
5190.000	V	38.67	-55.25	11.31	1.44	-45.38	-25.00	20.38
7785.000	H	35.64	-53.85	10.84	1.99	-45.00	-25.00	20.00
7785.000	V	34.74	-55.18	10.84	1.99	-46.33	-25.00	21.33
QPSK, Frequency: 2617.5 MHz								
170.70	H	29.05	-83.03	0.00	0.24	-83.27	-25.00	58.27
45.53	V	37.84	-58.98	-19.28	0.12	-78.38	-25.00	53.38
5235.000	H	40.06	-53.84	11.34	1.46	-43.96	-25.00	18.96
5235.000	V	39.47	-54.24	11.34	1.46	-44.36	-25.00	19.36
7852.500	H	36.15	-53.04	10.83	2.03	-44.24	-25.00	19.24
7852.500	V	35.49	-54.09	10.83	2.03	-45.29	-25.00	20.29

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

5. EUT PHOTOGRAPHS

Please refer to the attachment CR230739149-EXP EUT EXTERNAL PHOTOGRAPHS and
CR230739149-INP EUT INTERNAL PHOTOGRAPHS

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR230739149-00D-TSP TEST SETUP PHOTOGRAPHS.

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