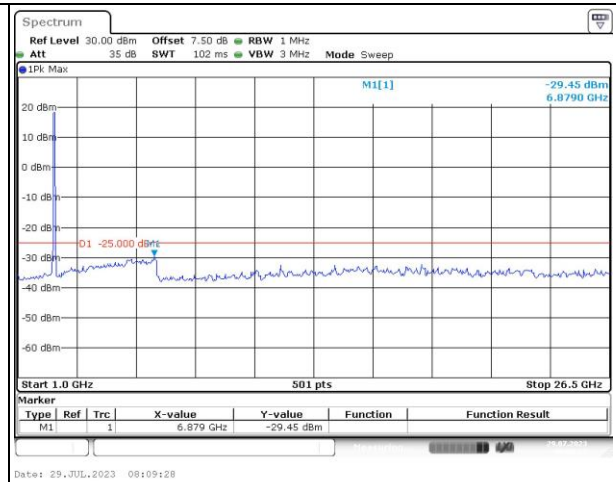
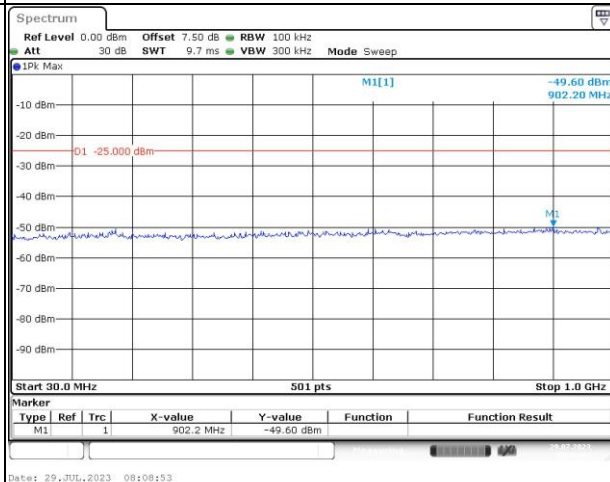


### Spurious Emissions at Antenna Terminal

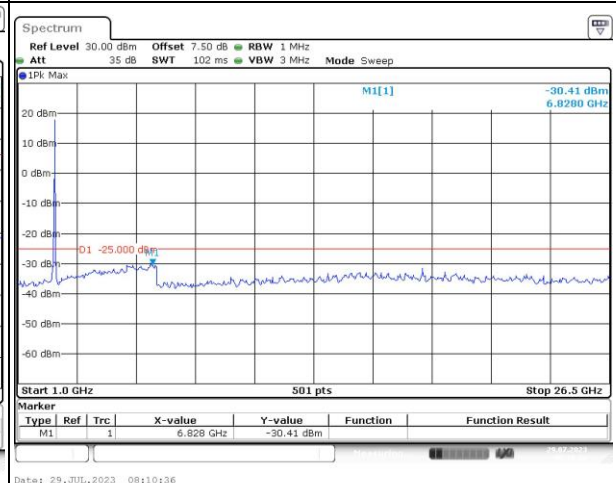
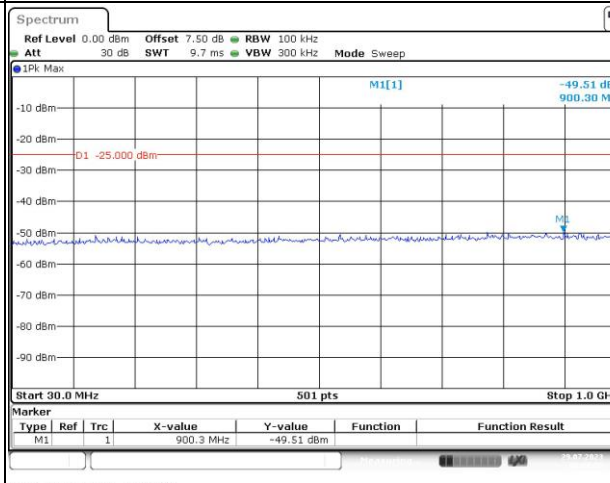
Channel

15MHz Bandwidth QPSK

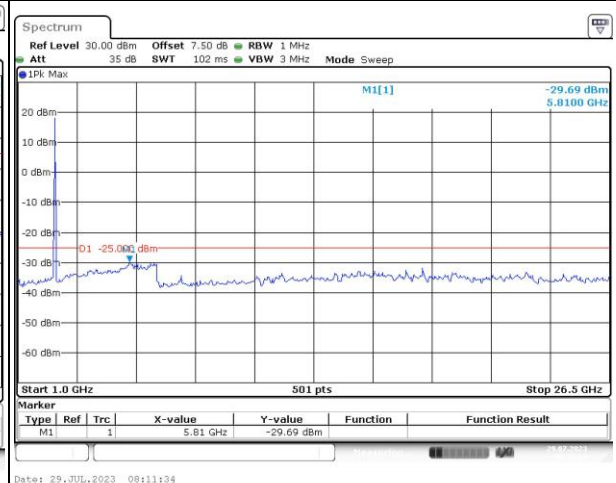
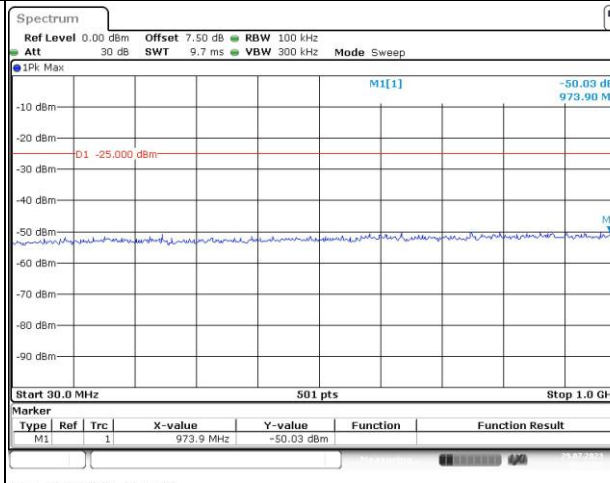
Lowest



Middle



Highest

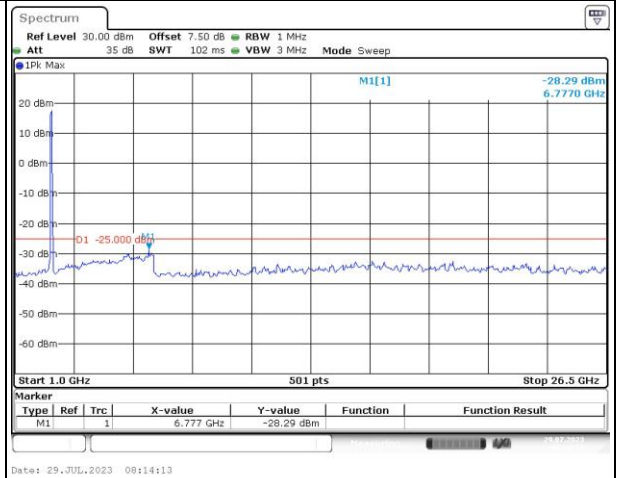
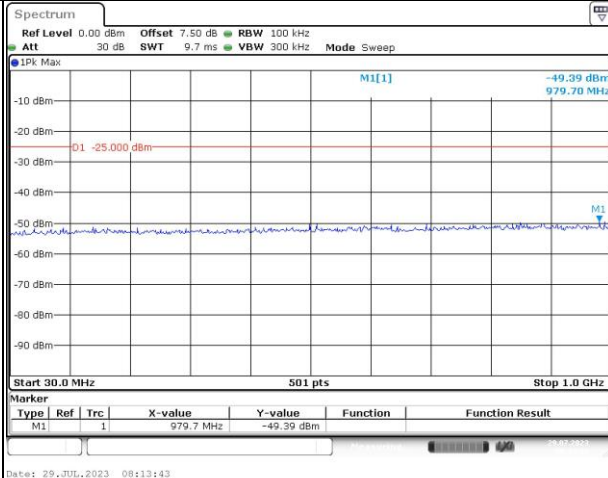


### Spurious Emissions at Antenna Terminal

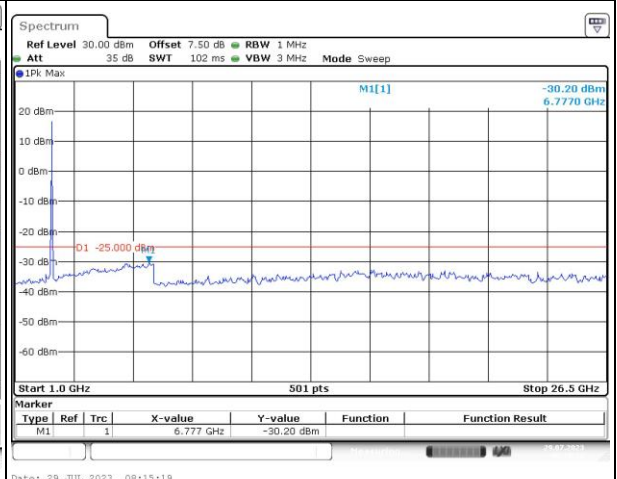
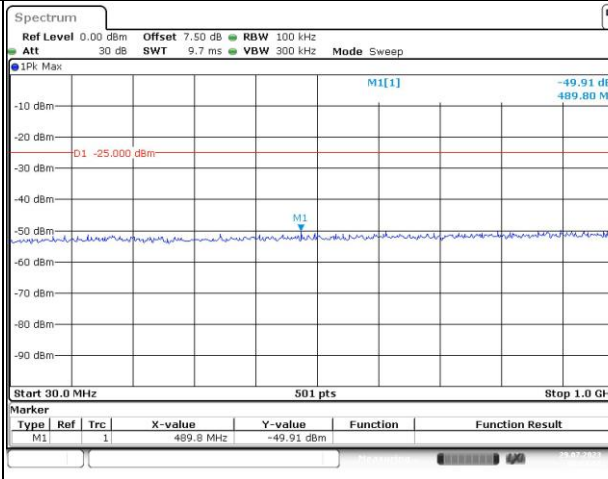
Channel

20MHz Bandwidth QPSK

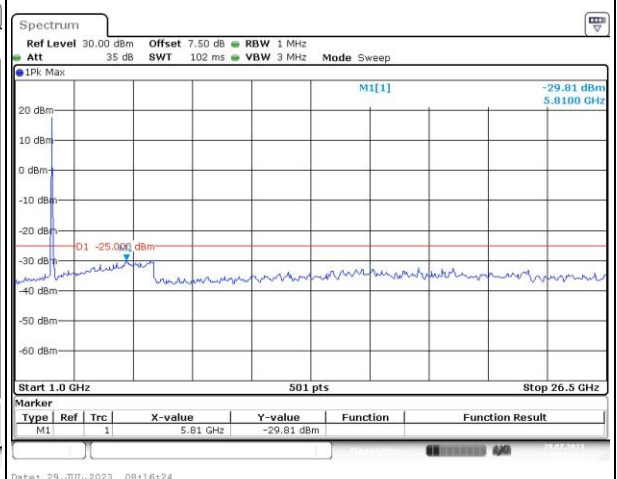
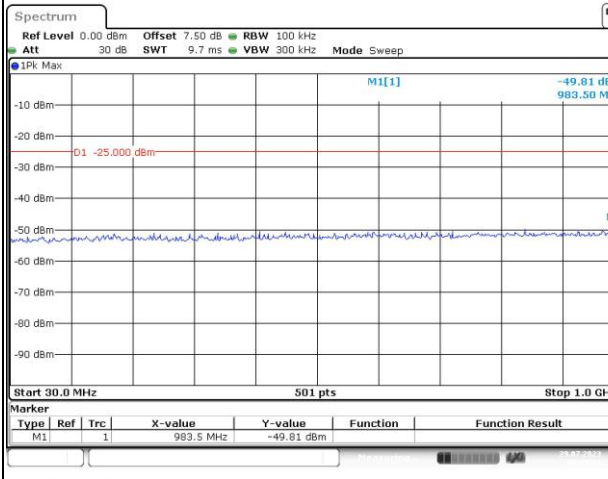
Lowest



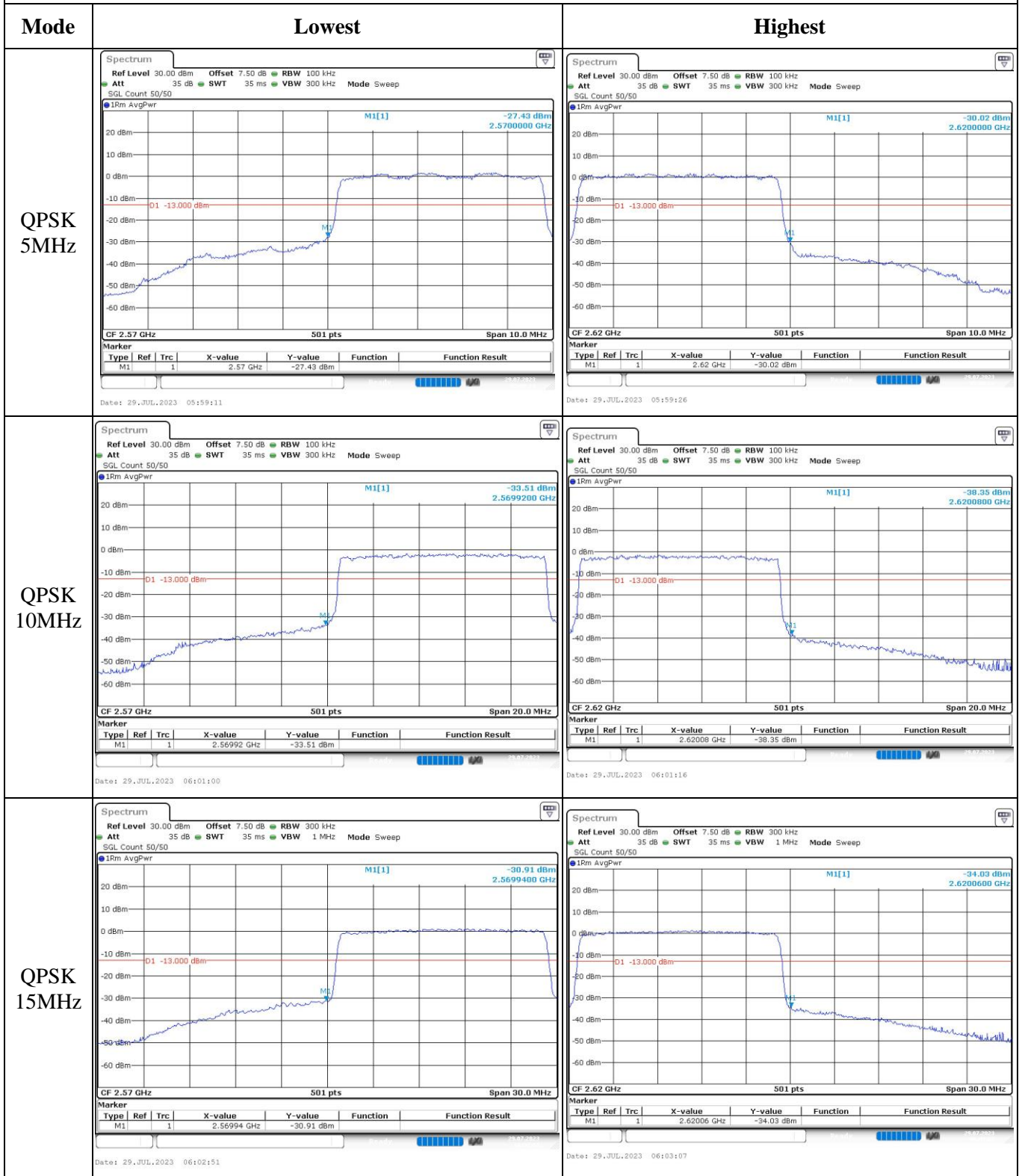
Middle



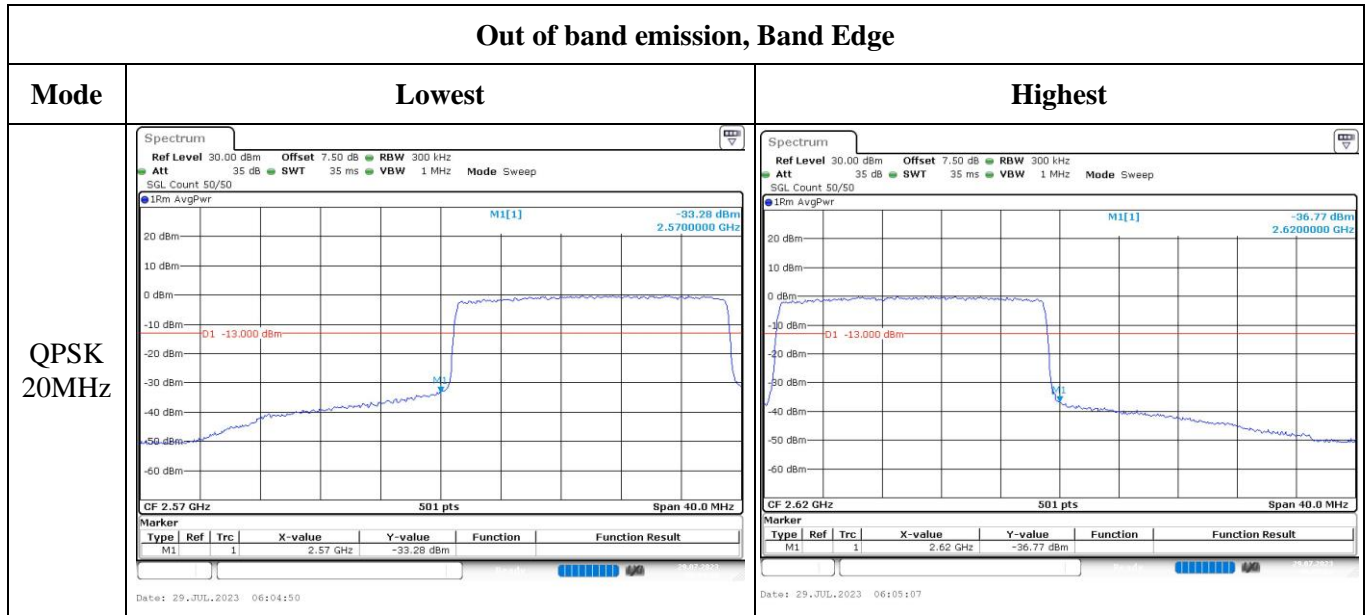
Highest



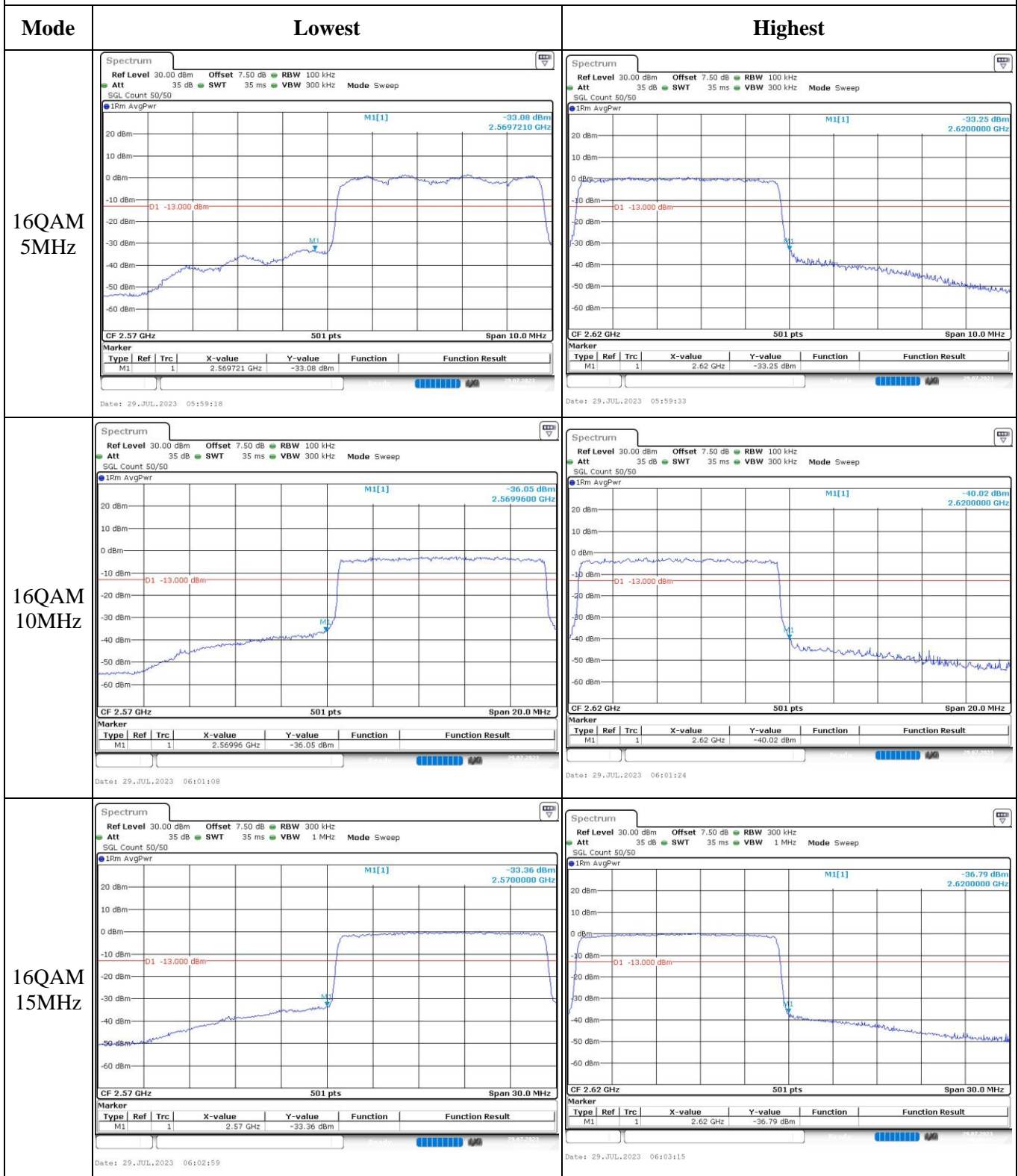
Out of band emission, Band Edge



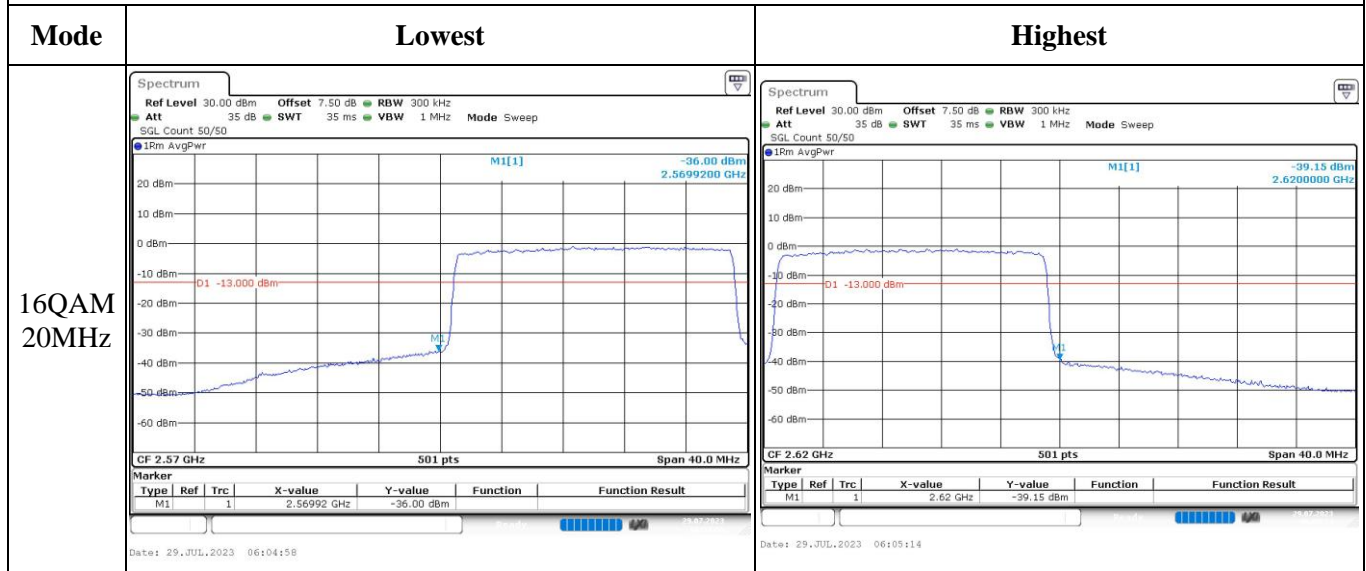
Out of band emission, Band Edge



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 (dB $\mu$ V)	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 (dB $\mu$ V)	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 (dB $\mu$ V)	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 (dB $\mu$ V)	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 (dB $\mu$ V)	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):**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB $\mu$ V)	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):**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB $\mu$ V)	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 (dB $\mu$ V)	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):**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB $\mu$ V)	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 (dB $\mu$ V)	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**

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

## **6. TEST SETUP PHOTOGRAPHS**

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

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