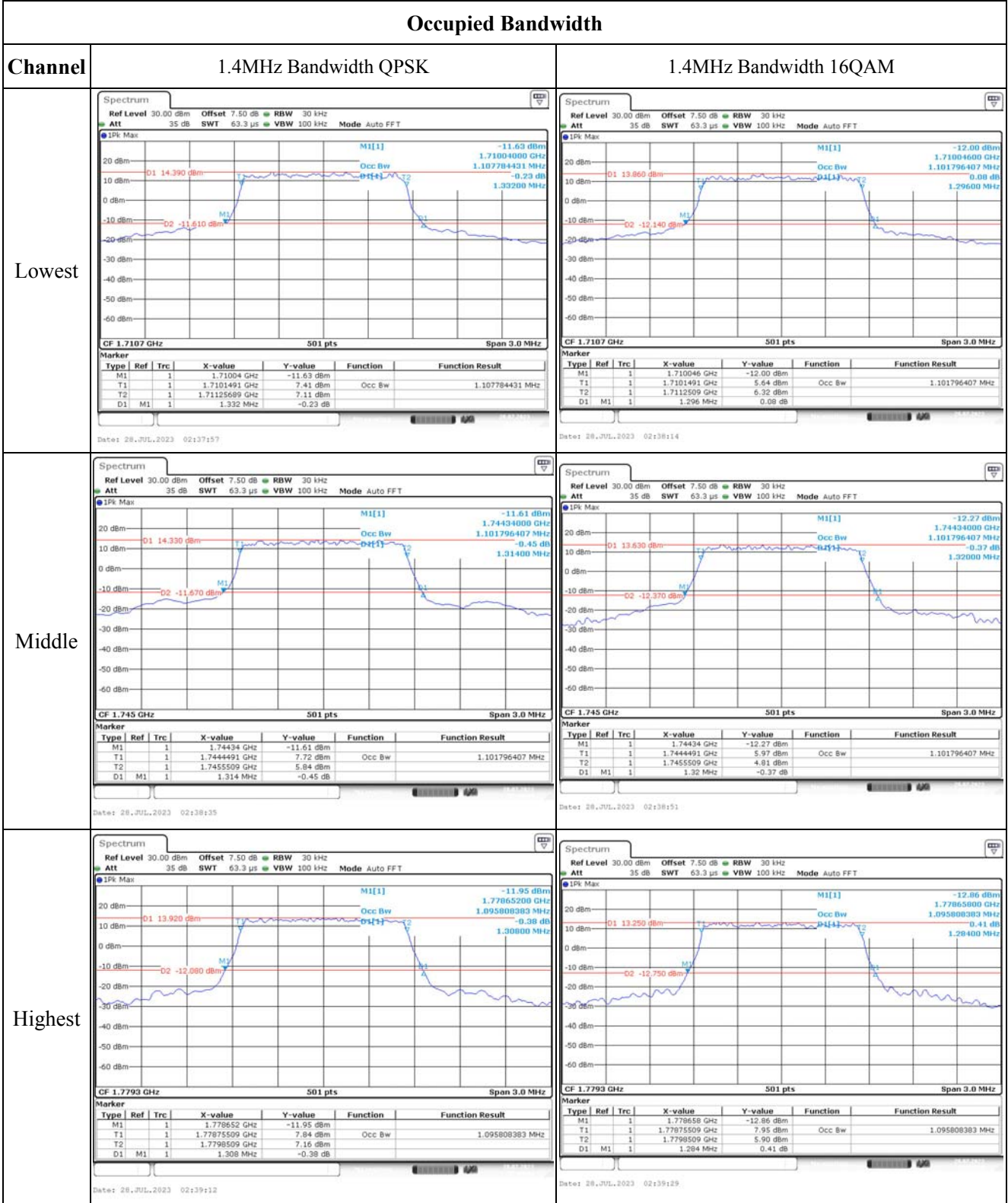
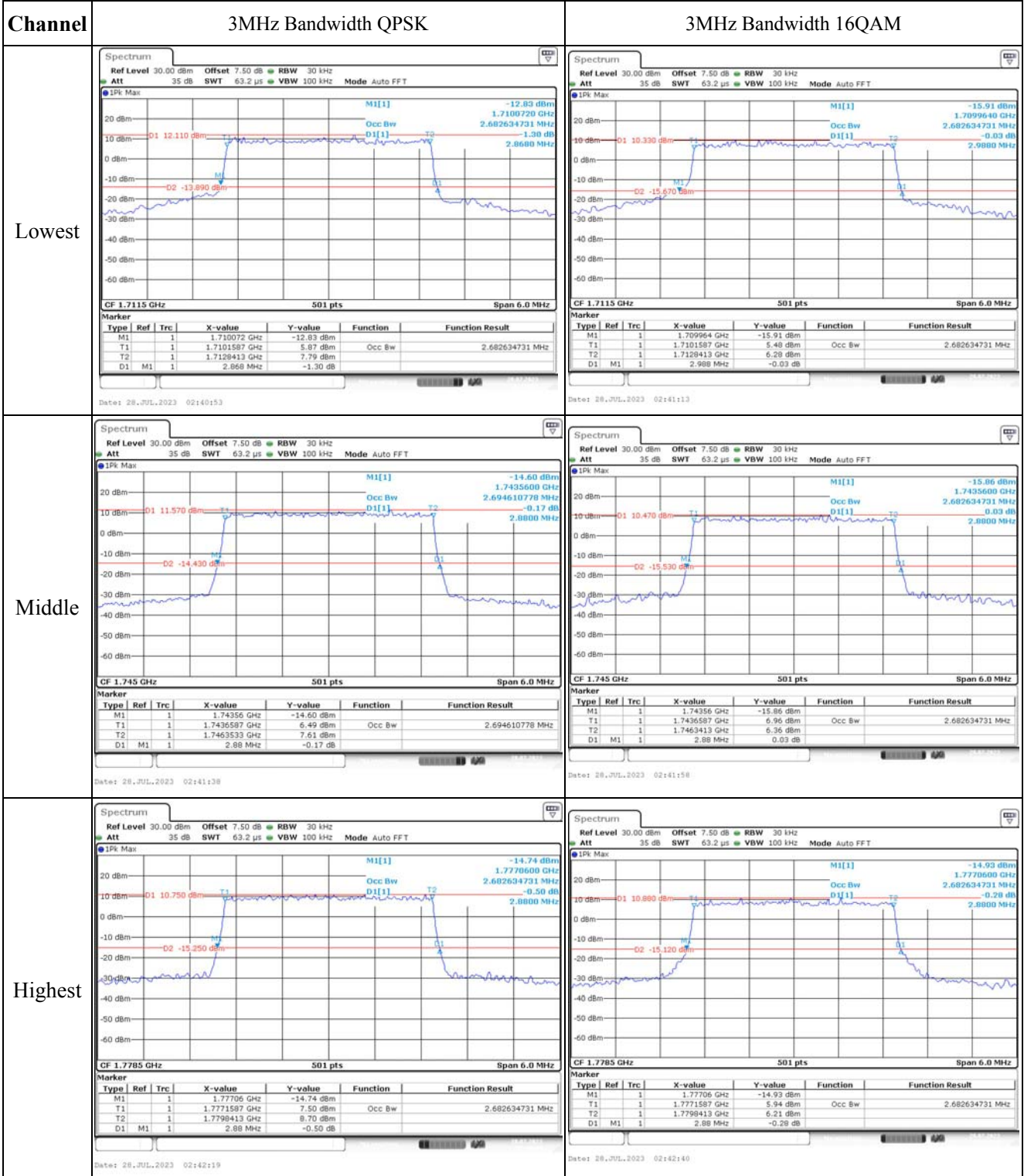


Test Plots(Note: The 7.5dB is the Insertion loss of the RF cable, Power Splitter and DC Block, which was offset into the Spectrum Analyzer):

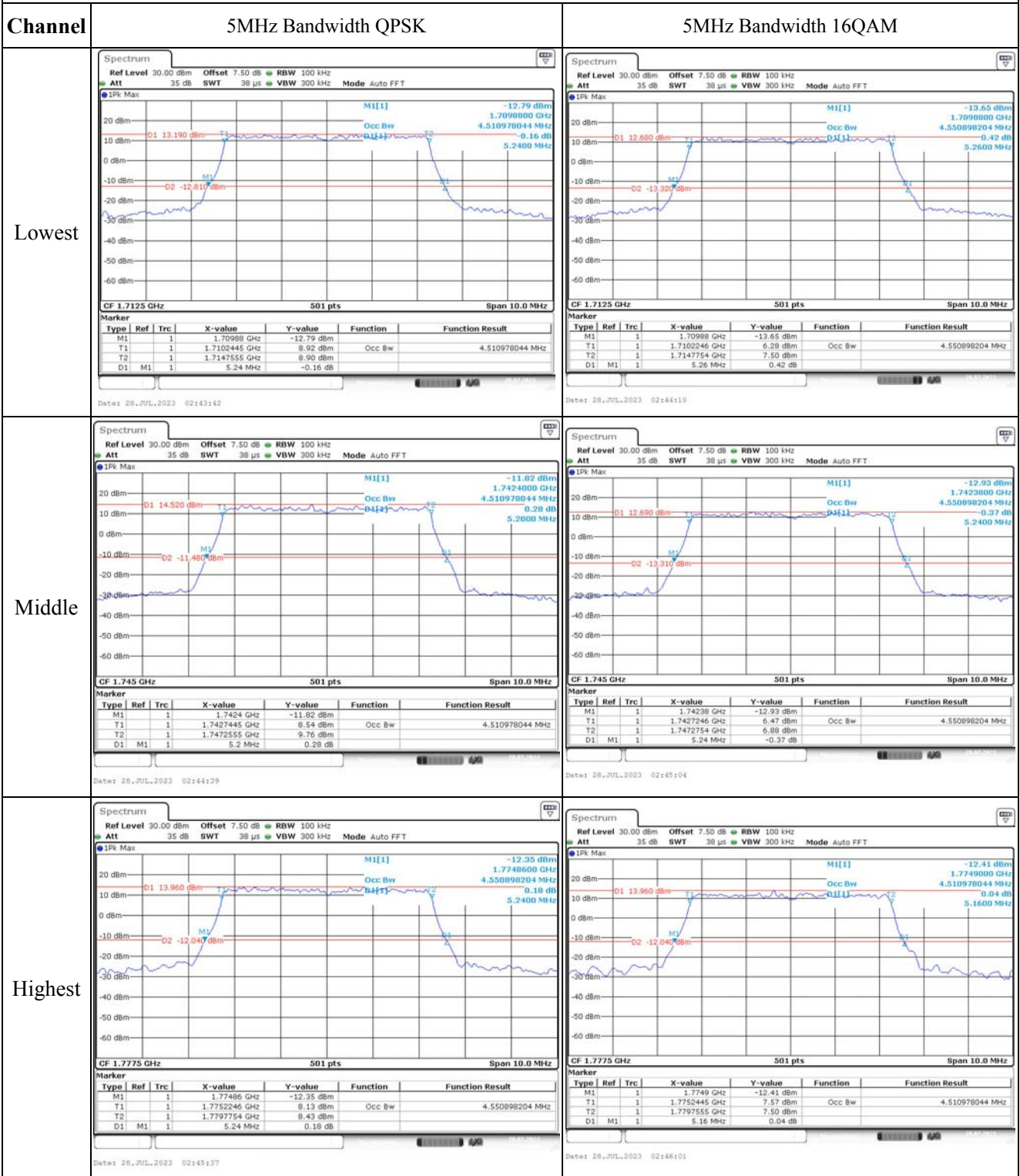
Occupied Bandwidth



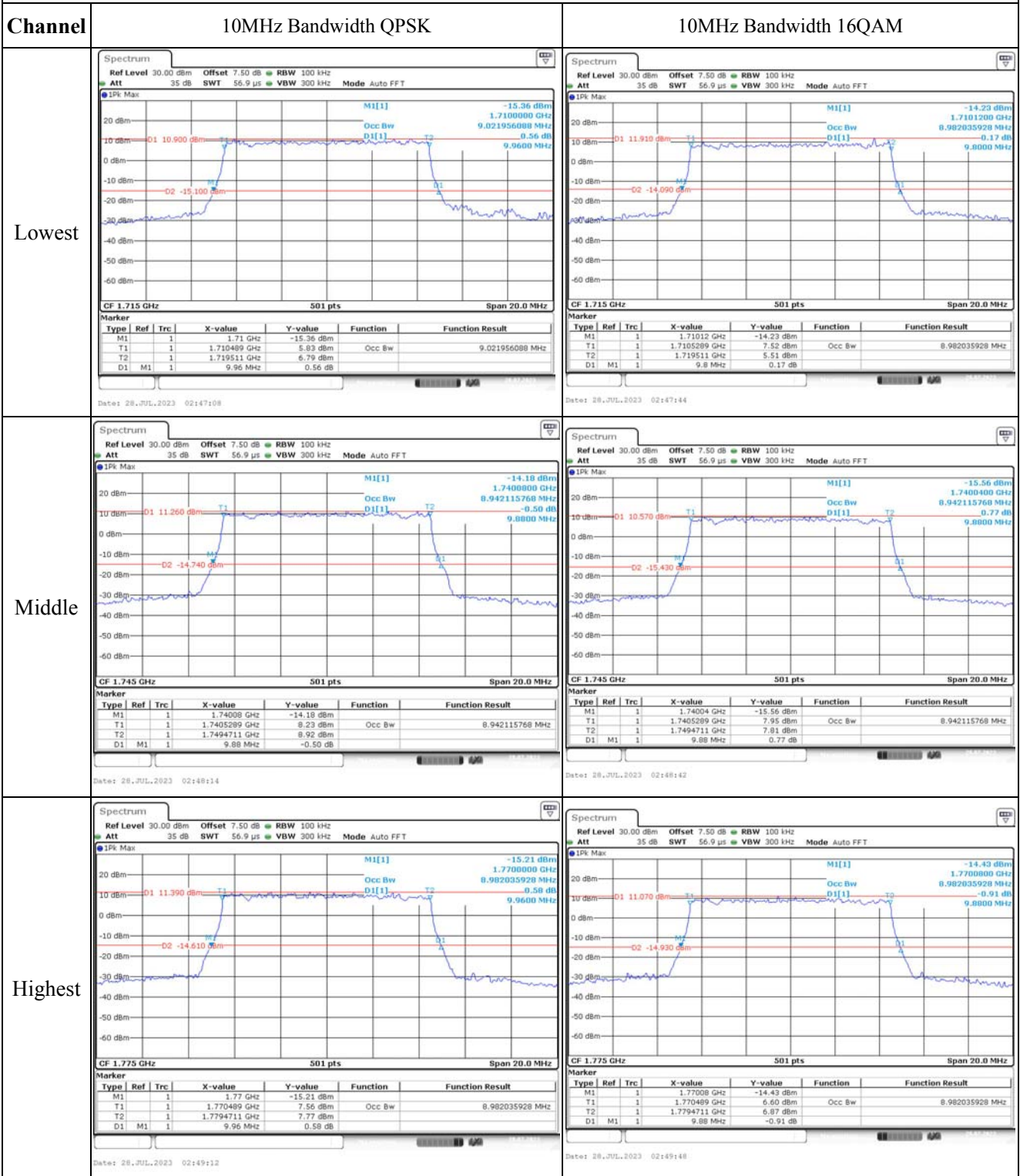
Occupied Bandwidth



Occupied Bandwidth



Occupied Bandwidth



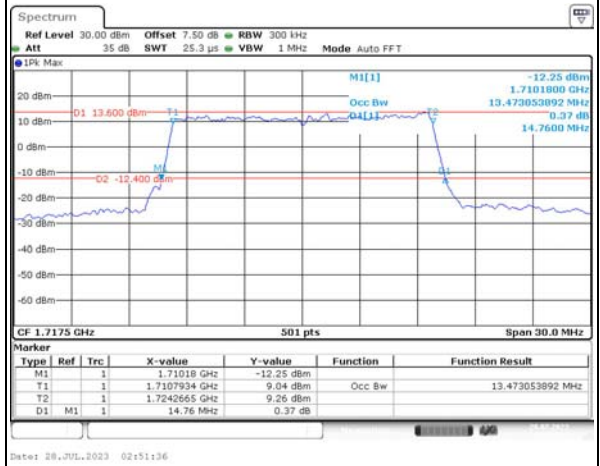
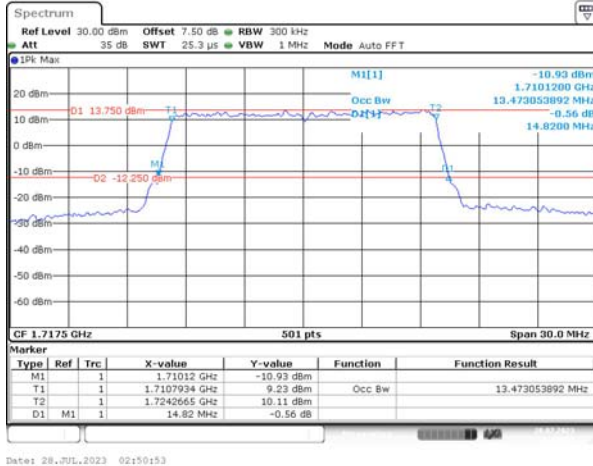
Occupied Bandwidth

Channel

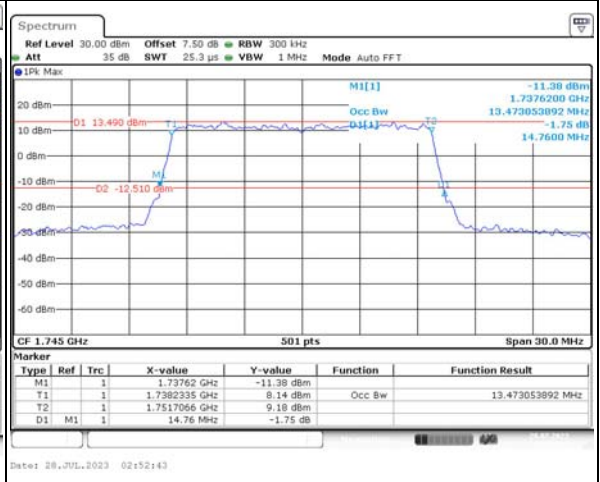
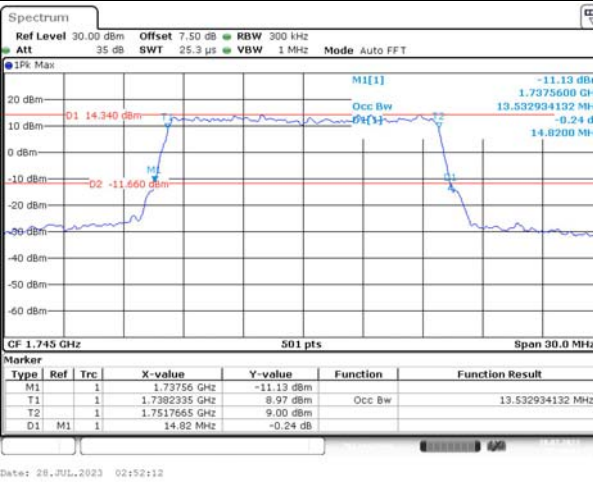
15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

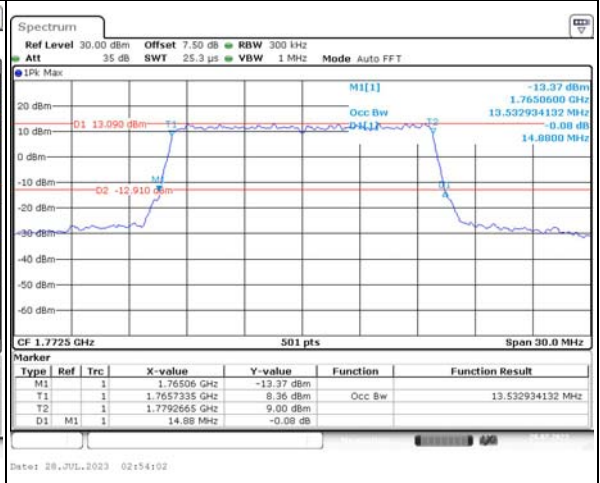
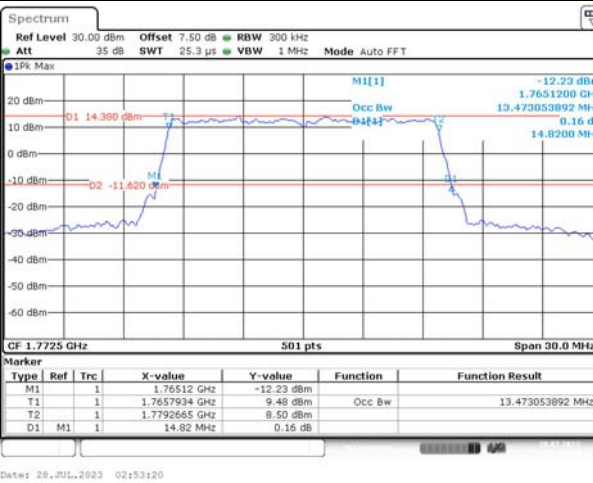
Lowest



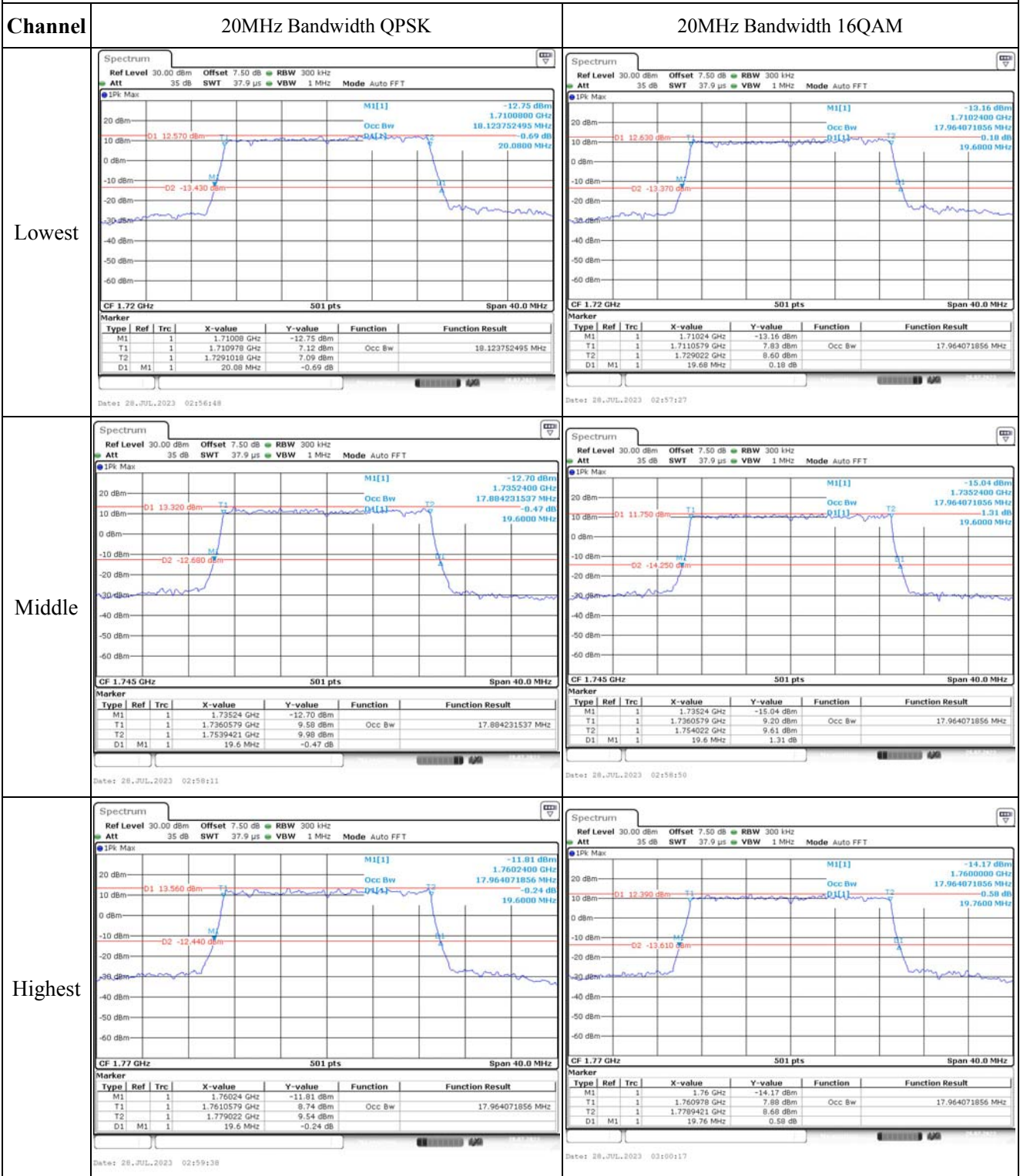
Middle



Highest



Occupied Bandwidth

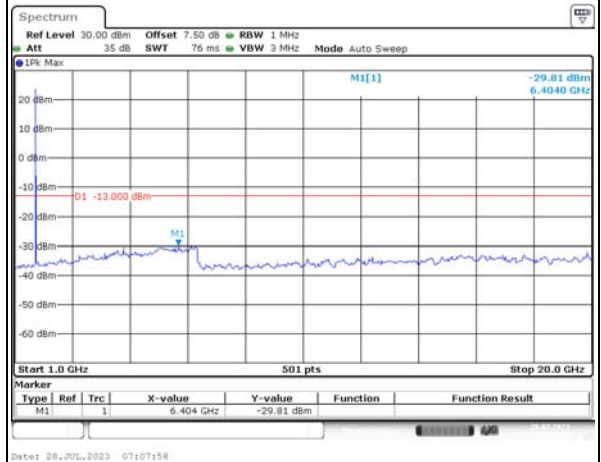
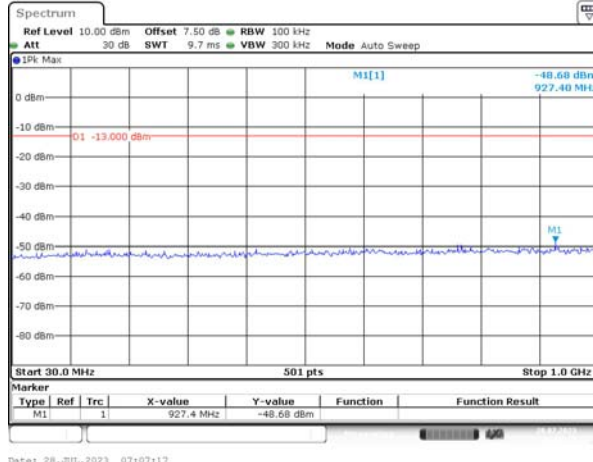


Spurious Emissions at Antenna Terminal

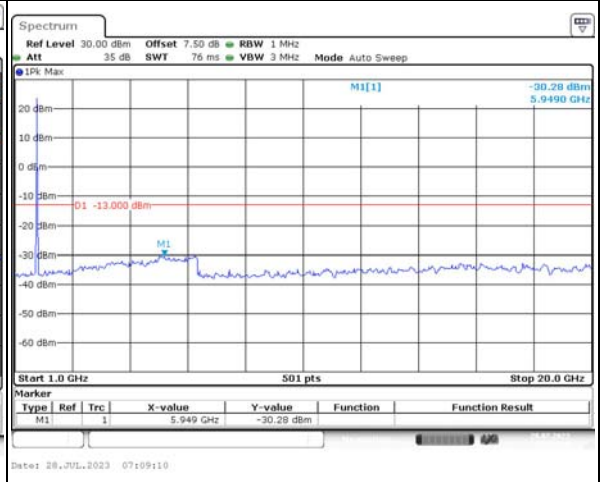
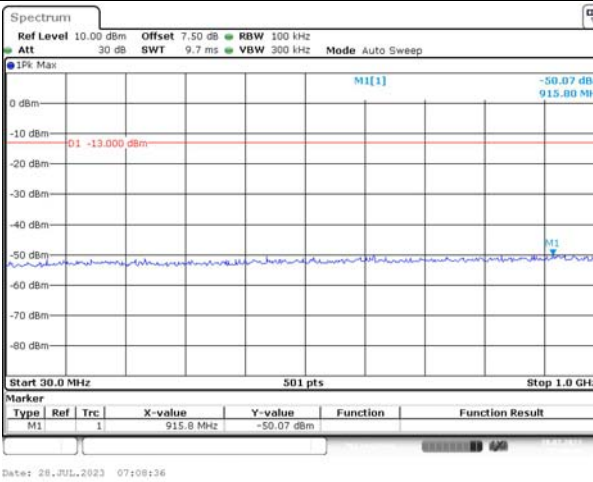
Channel

1.4MHz Bandwidth QPSK

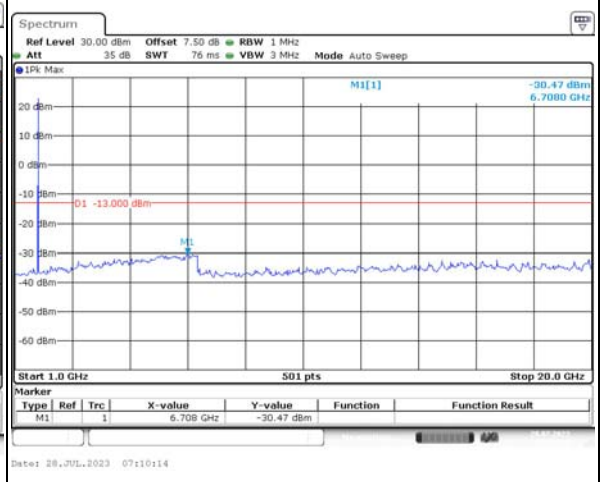
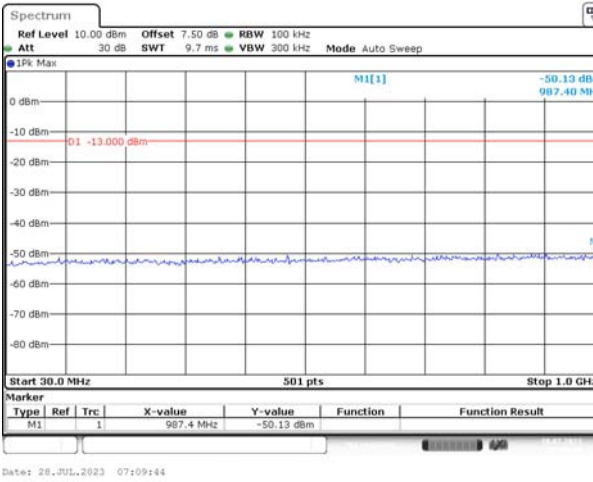
Lowest



Middle



Highest

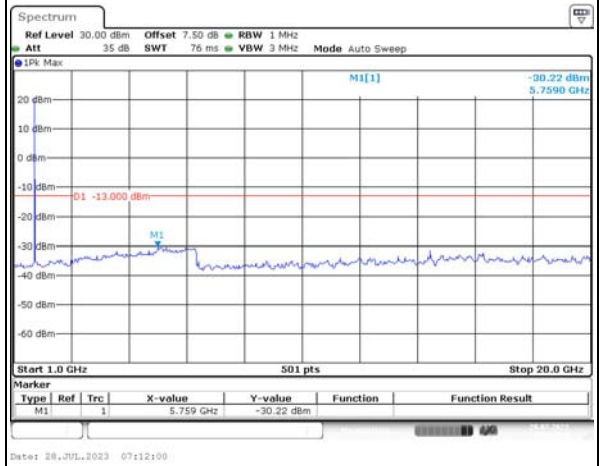
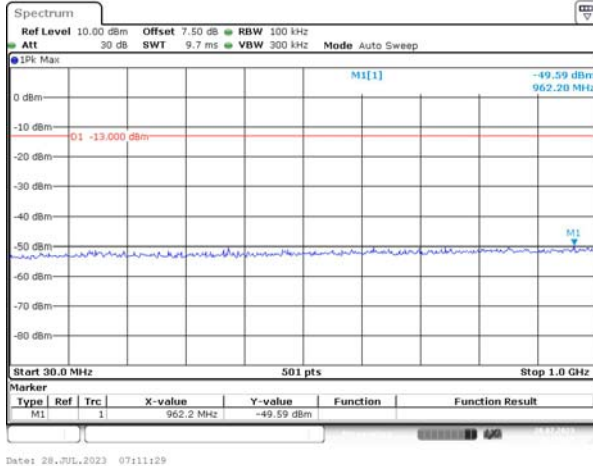


Spurious Emissions at Antenna Terminal

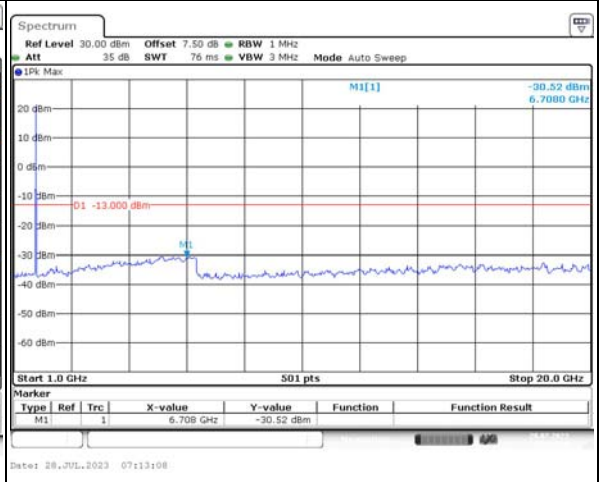
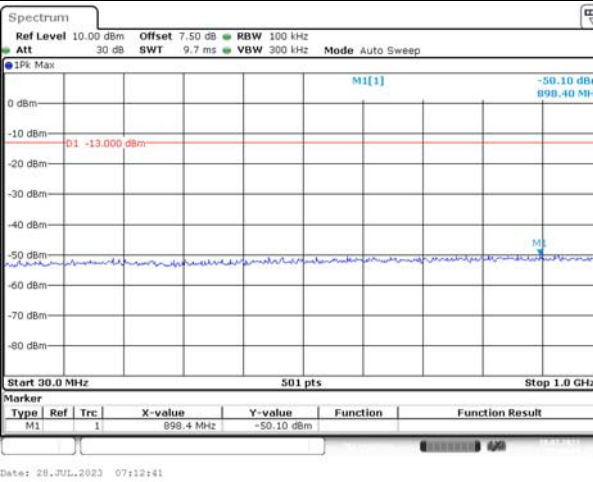
Channel

3MHz Bandwidth QPSK

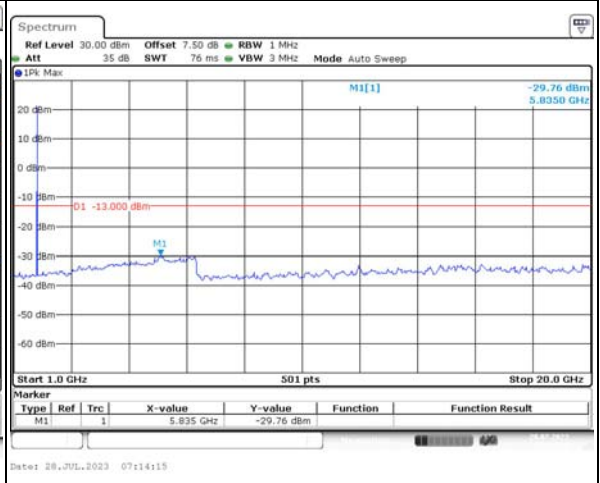
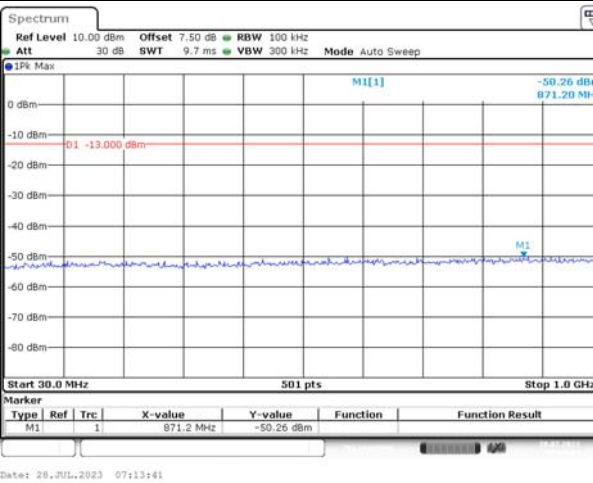
Lowest



Middle



Highest

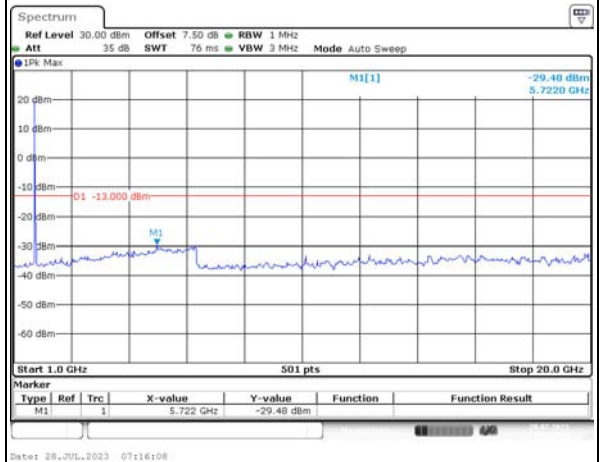
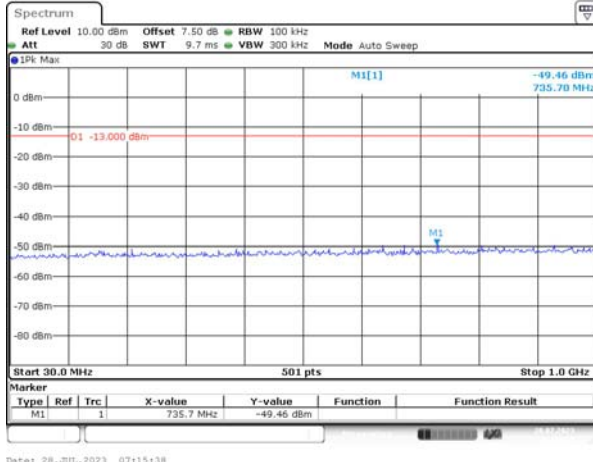


Spurious Emissions at Antenna Terminal

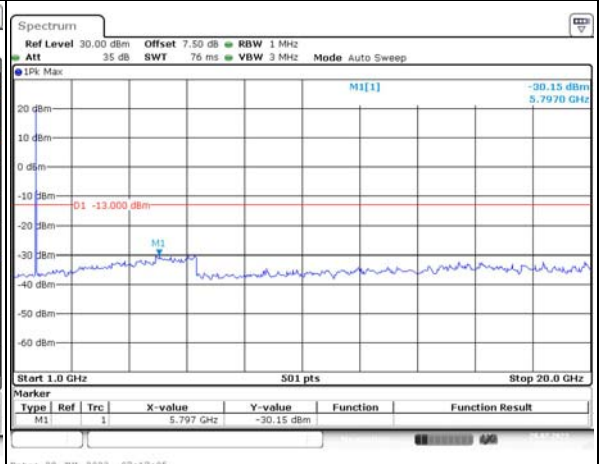
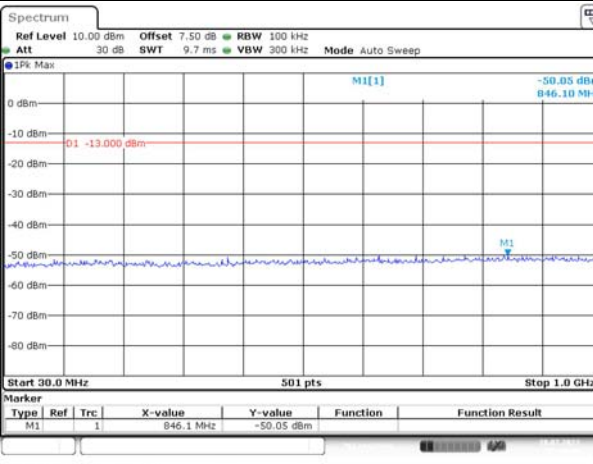
Channel

5MHz Bandwidth QPSK

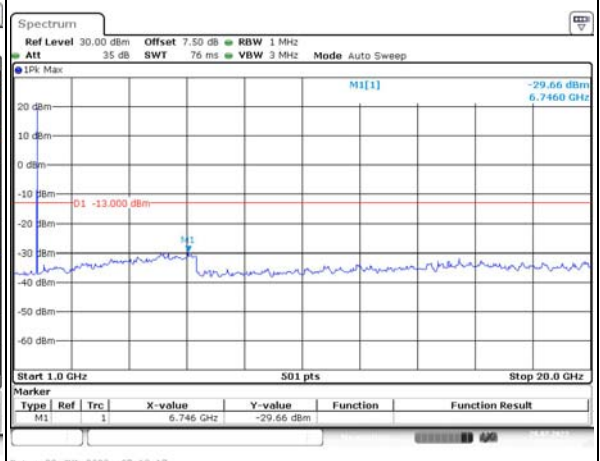
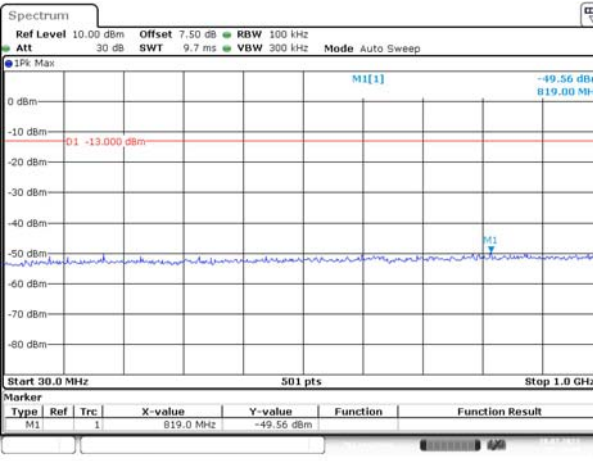
Lowest



Middle



Highest

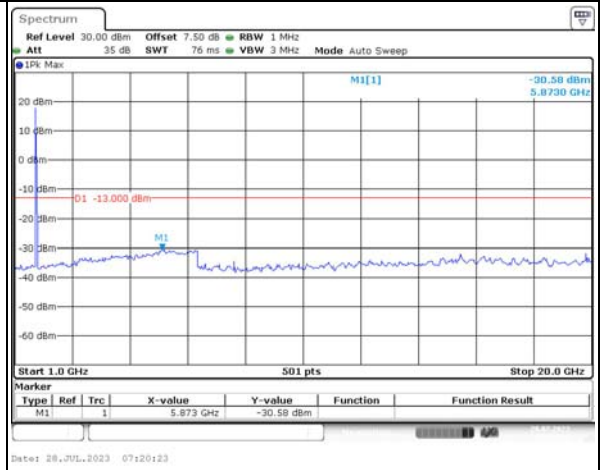
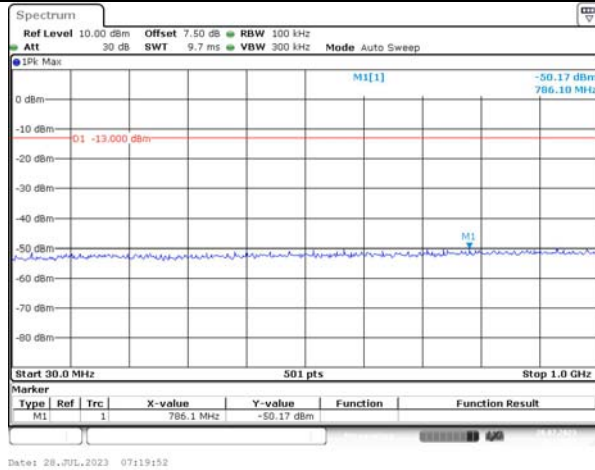


Spurious Emissions at Antenna Terminal

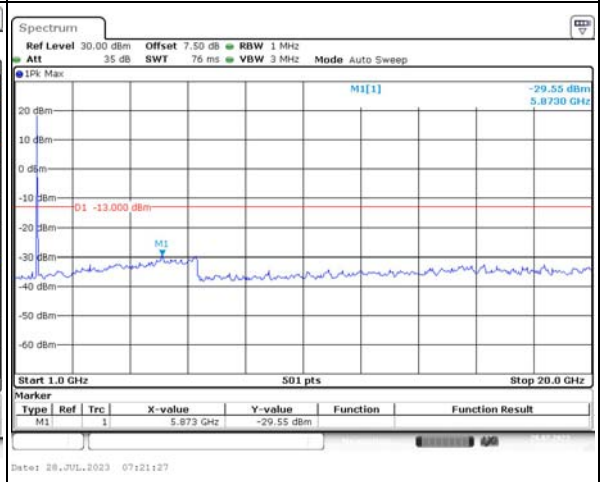
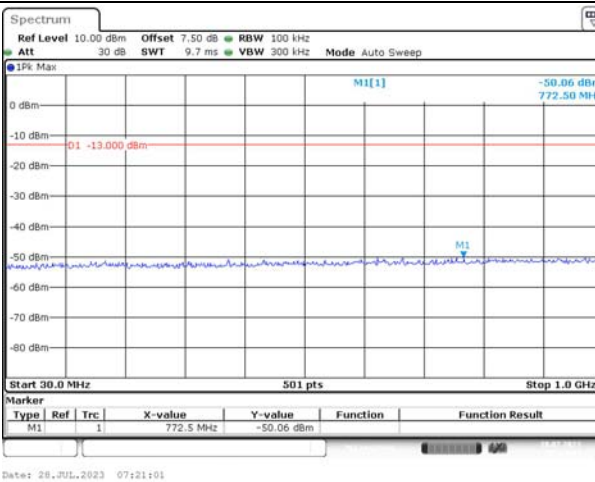
Channel

10MHz Bandwidth QPSK

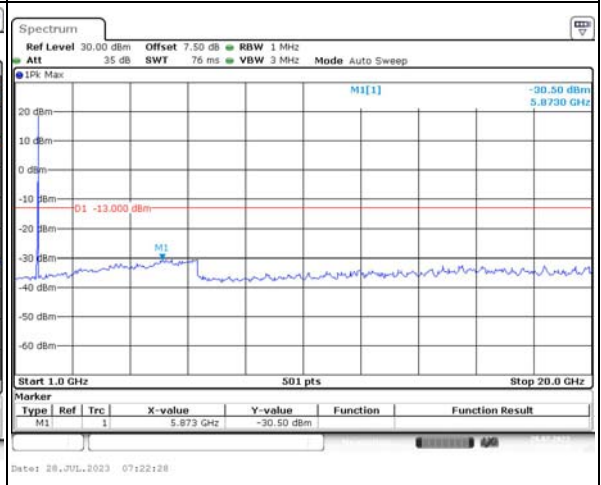
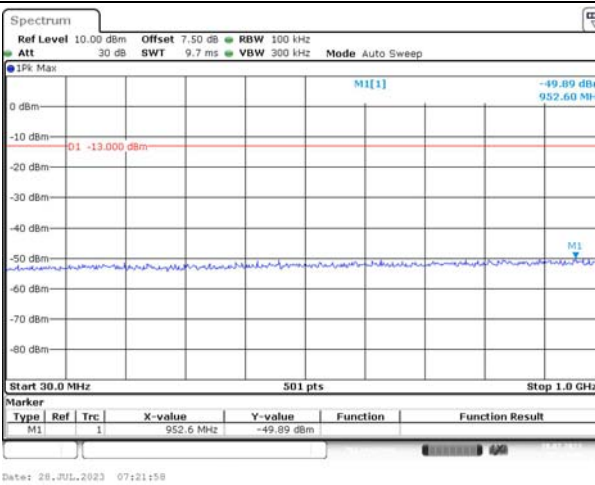
Lowest



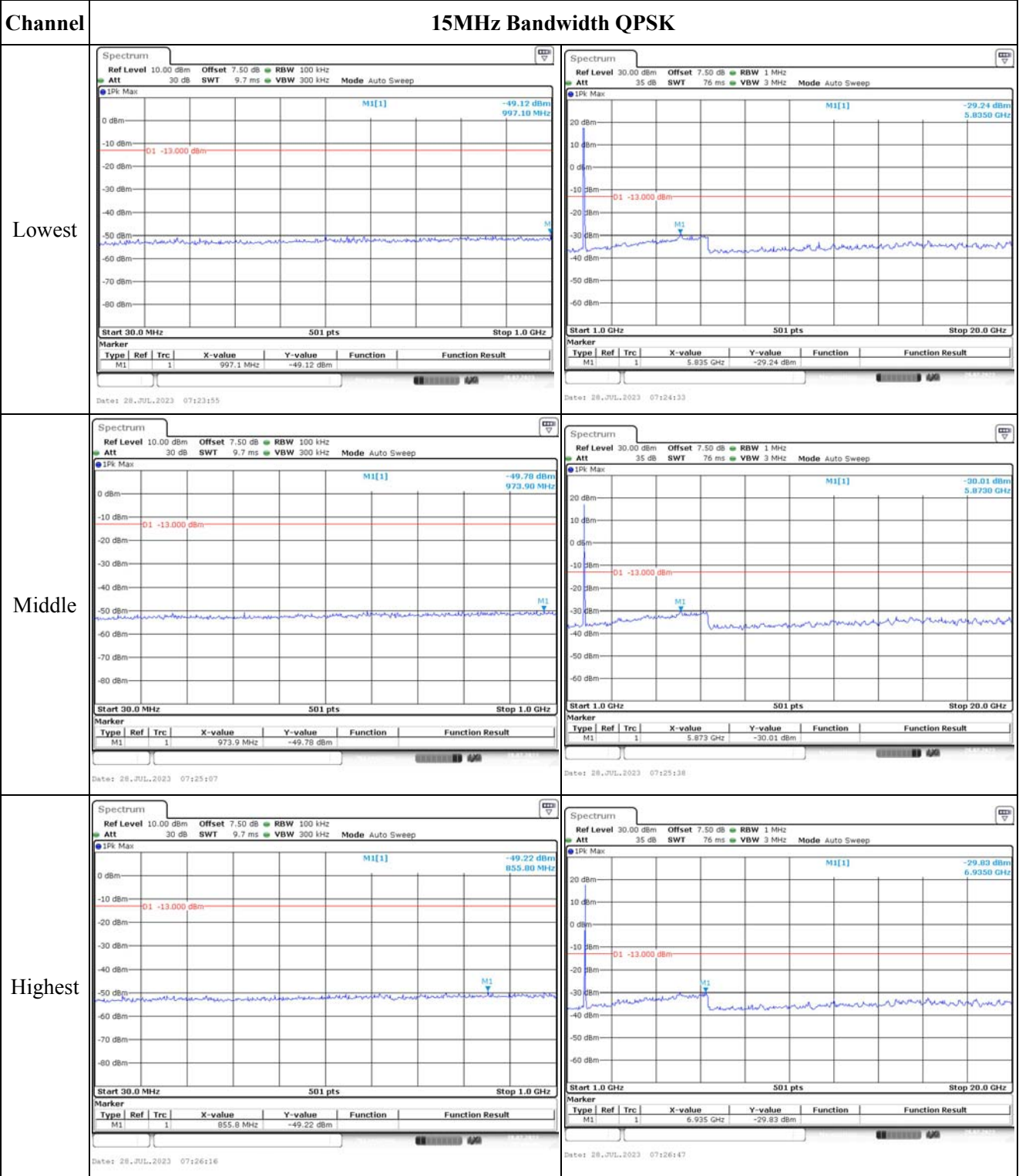
Middle



Highest



Spurious Emissions at Antenna Terminal

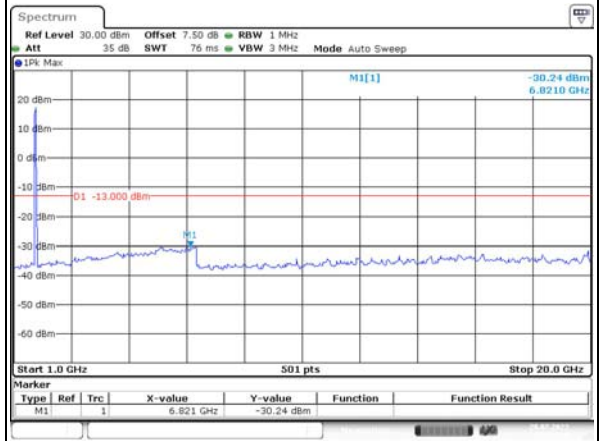
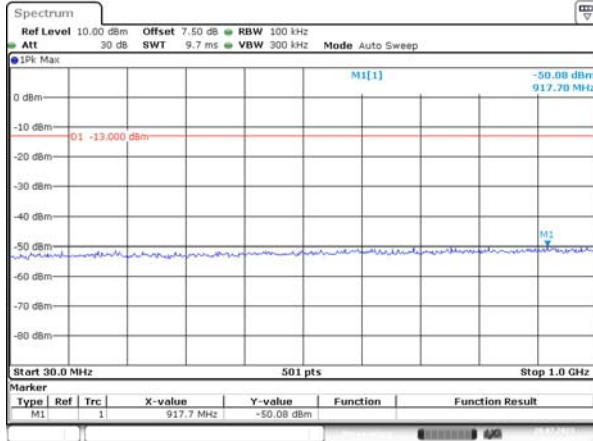


Spurious Emissions at Antenna Terminal

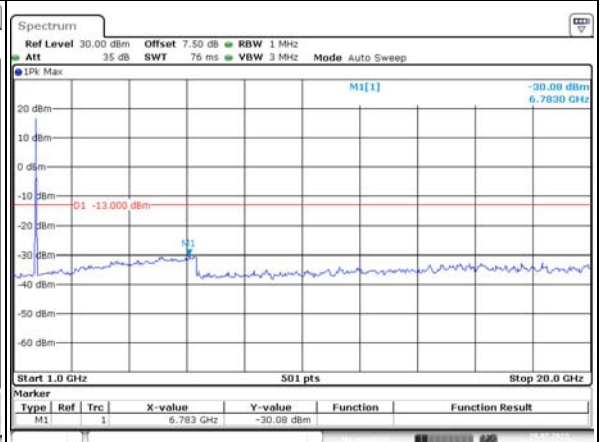
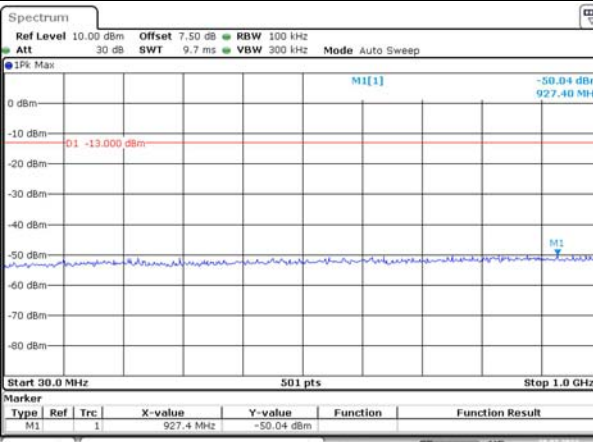
Channel

20MHz Bandwidth QPSK

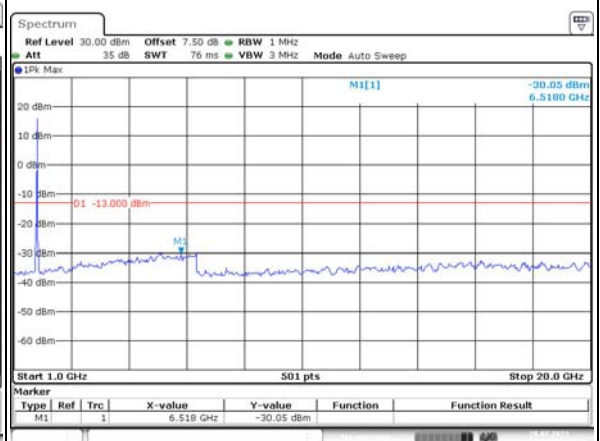
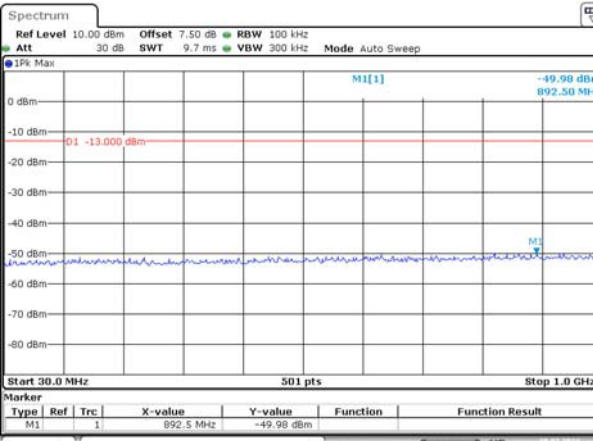
Lowest



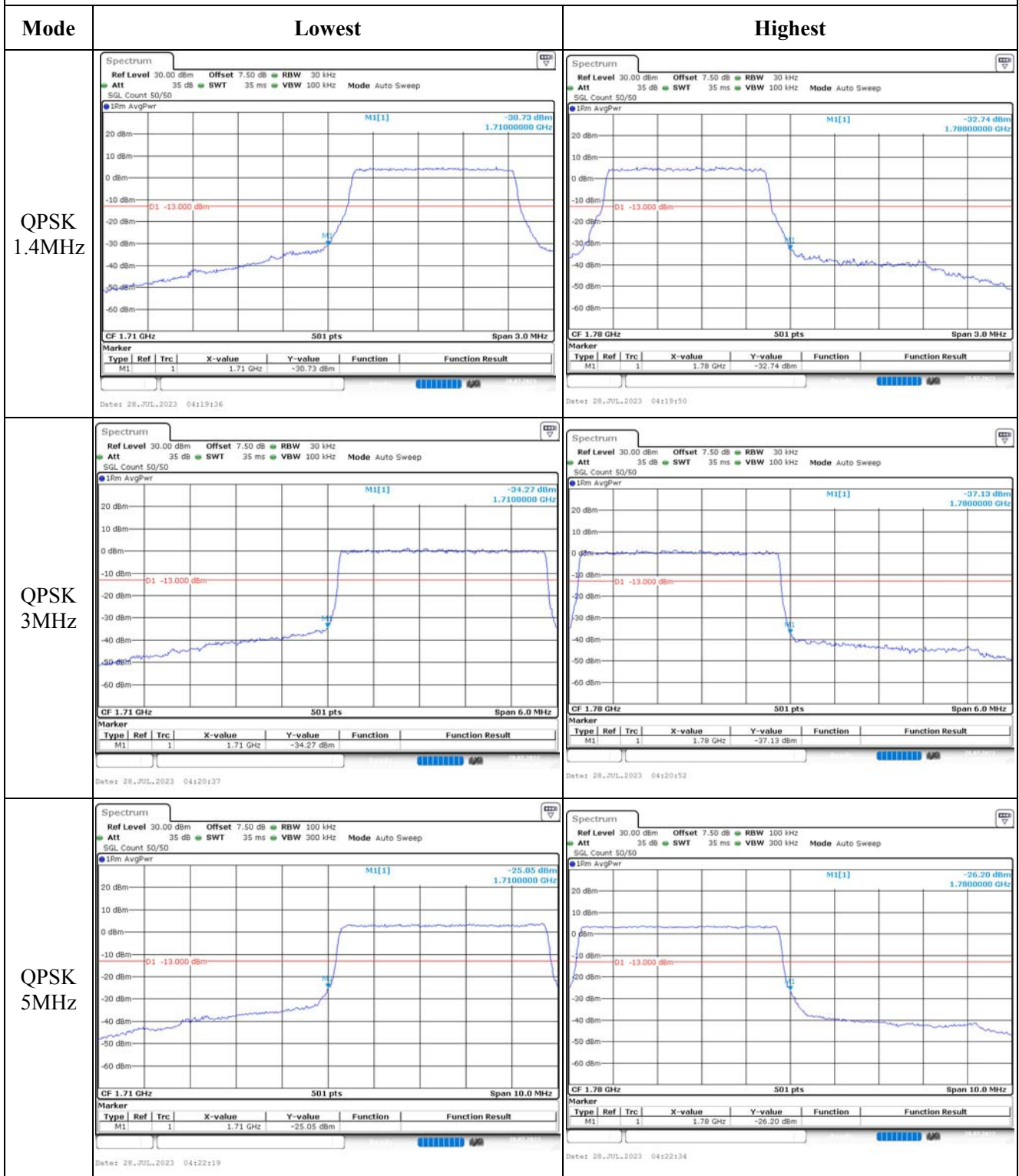
Middle



Highest



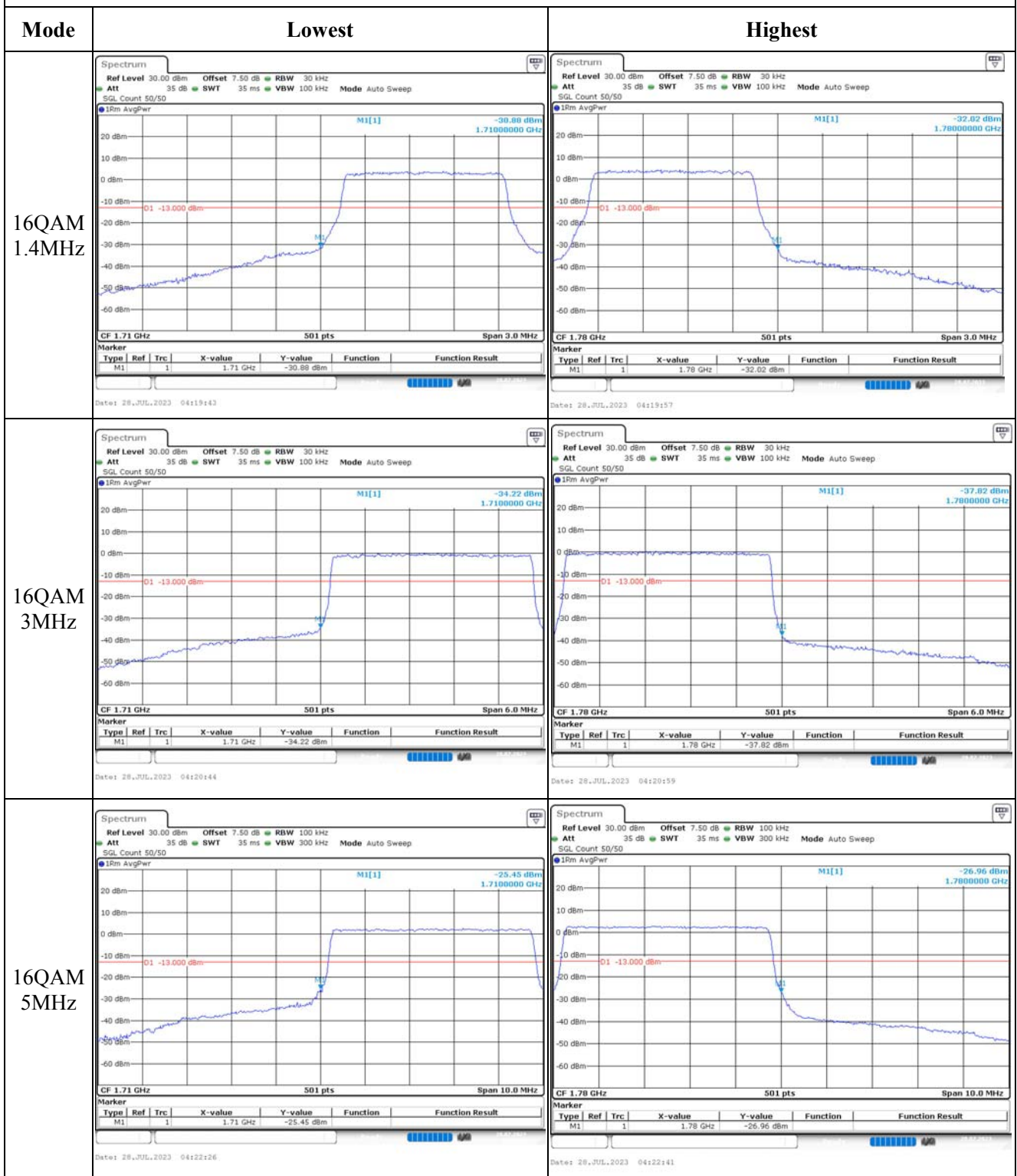
Out of band emission, Band Edge



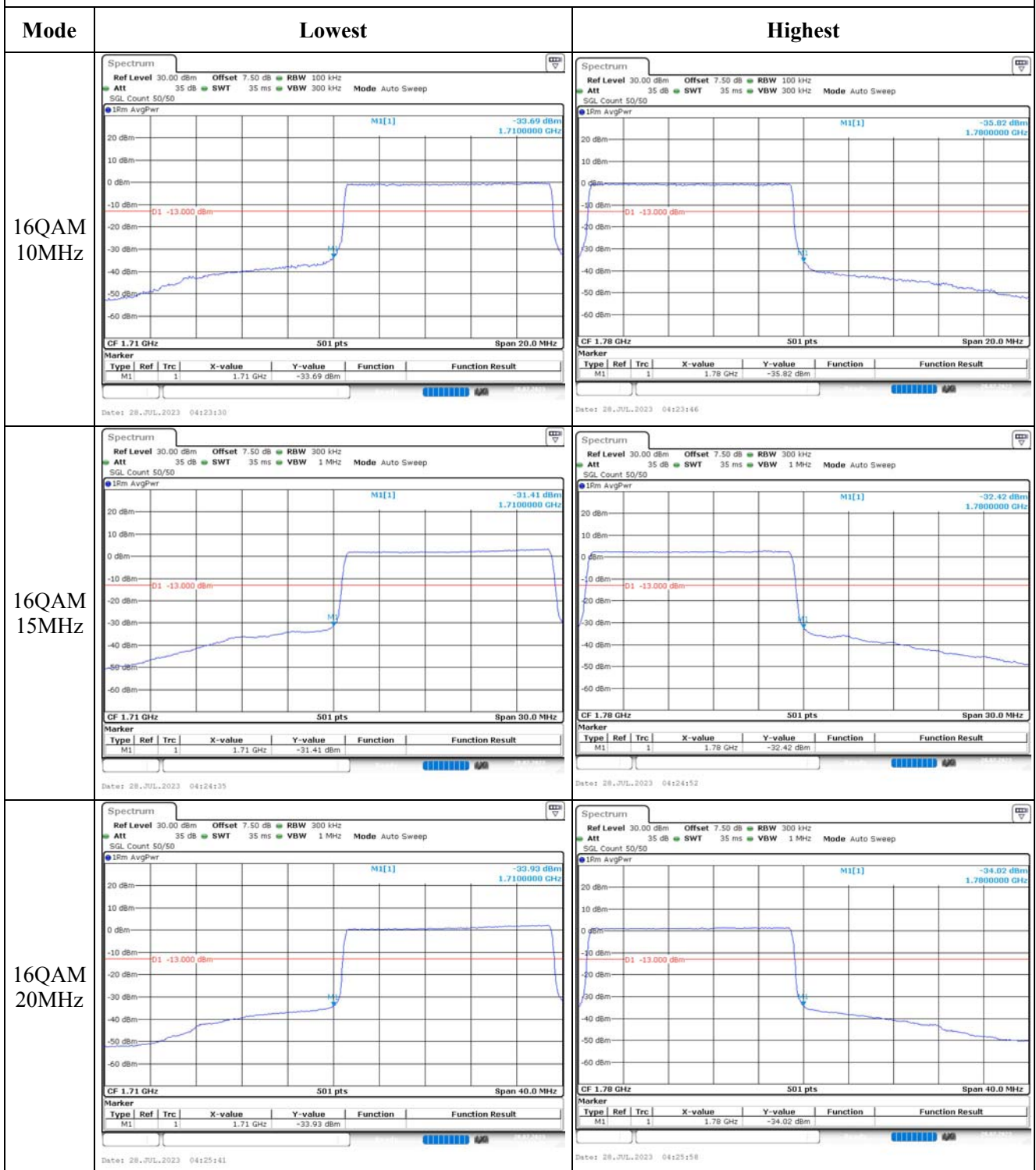
Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 10MHz	<p>Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Auto Sweep SQL Count 50/50 15m AvgPwr M1[1] -32.71 dBm 1.7099600 GHz -13.000 dBm CF 1.71 GHz 501 pts Span 20.0 MHz Marker Type Ref Trc X-value Y-value Function Function Result M1 1 1.70996 GHz -32.71 dBm</p> <p>Date: 28.JUL.2023 04:23:23</p>	<p>Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Auto Sweep SQL Count 50/50 15m AvgPwr M1[1] -33.63 dBm 1.7800000 GHz -13.000 dBm CF 1.78 GHz 501 pts Span 20.0 MHz Marker Type Ref Trc X-value Y-value Function Function Result M1 1 1.78 GHz -33.63 dBm</p> <p>Date: 28.JUL.2023 04:23:39</p>
QPSK 15MHz	<p>Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Auto Sweep SQL Count 50/50 15m AvgPwr M1[1] -30.22 dBm 1.7100000 GHz -13.000 dBm CF 1.71 GHz 501 pts Span 30.0 MHz Marker Type Ref Trc X-value Y-value Function Function Result M1 1 1.71 GHz -30.22 dBm</p> <p>Date: 28.JUL.2023 04:24:28</p>	<p>Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Auto Sweep SQL Count 50/50 15m AvgPwr M1[1] -31.57 dBm 1.7800000 GHz -13.000 dBm CF 1.78 GHz 501 pts Span 30.0 MHz Marker Type Ref Trc X-value Y-value Function Function Result M1 1 1.78 GHz -31.57 dBm</p> <p>Date: 28.JUL.2023 04:24:44</p>
QPSK 20MHz	<p>Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Auto Sweep SQL Count 50/50 15m AvgPwr M1[1] -33.36 dBm 1.7100000 GHz -13.000 dBm CF 1.71 GHz 501 pts Span 40.0 MHz Marker Type Ref Trc X-value Y-value Function Function Result M1 1 1.71 GHz -33.36 dBm</p> <p>Date: 28.JUL.2023 04:25:33</p>	<p>Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Auto Sweep SQL Count 50/50 15m AvgPwr M1[1] -33.37 dBm 1.7800000 GHz -13.000 dBm CF 1.78 GHz 501 pts Span 40.0 MHz Marker Type Ref Trc X-value Y-value Function Function Result M1 1 1.78 GHz -33.37 dBm</p> <p>Date: 28.JUL.2023 04:25:50</p>

Out of band emission, Band Edge



Out of band emission, Band Edge



4.15 Antenna Port Test Data and Results for LTE Band 71

Serial Number:	28LK-1	Test Date:	2023/7/28~2023/8/31
Test Site:	RF	Test Mode:	Transmitting
Tester:	One Luo	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2~26.8	Relative Humidity: (%)	42~55	ATM Pressure: (kPa)	99.7~100.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
Weinschel	Power Splitter	1515	RA914	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	143458	2023/3/31	2024/3/30
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2023/3/31	2024/3/30
UNI-T	Multimeter	UT39A+	C210582554	2022/9/29	2023/9/28
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	N/A

* 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 Frequency for Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
5MHz	665.5	680.5	695.5
10MHz	668	680.5	693
15MHz	670.5	680.5	690.5
20MHz	673	680.5	688

Test Data:**FCC§2.1046;§ 27.50(c) (10)****RF Output Power:**

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum ERP (dBm)	ERP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
5MHz QPSK	RB1#0	23.7	23.49	23.24	20.94	34.77
	RB1#13	23.78	23.54	23.39		
	RB1#24	23.68	23.43	23.29		
	RB15#0	22.64	22.55	22.39		
	RB15#10	22.78	22.6	22.34		
	RB25#0	22.71	22.55	22.34		
5MHz 16QAM	RB1#0	22.55	22.54	22.18	19.78	34.77
	RB1#13	22.55	22.62	22.23		
	RB1#24	22.55	22.5	22.18		
	RB15#0	21.66	21.6	21.38		
	RB15#10	21.84	21.67	21.37		
	RB25#0	21.79	21.62	21.42		
10MHz QPSK	RB1#0	23.71	23.59	23.4	20.96	34.77
	RB1#25	23.8	23.74	23.54		
	RB1#49	23.73	23.56	23.41		
	RB25#0	22.65	22.62	22.59		
	RB25#25	22.82	22.65	22.38		
	RB50#0	22.74	22.66	22.48		
10MHz 16QAM	RB1#0	23.25	22.56	22.49	20.54	34.77
	RB1#25	23.38	22.68	22.71		
	RB1#49	23.31	22.55	22.51		
	RB25#0	21.71	21.76	21.57		
	RB25#25	21.91	21.75	21.38		
	RB50#0	21.78	21.68	21.44		
15MHz QPSK	RB1#0	23.62	23.49	23.34	20.96	34.77
	RB1#38	23.8	23.59	23.39		
	RB1#74	23.68	23.48	23.34		
	RB36#0	22.71	22.66	22.51		
	RB36#39	22.73	22.69	22.42		
	RB75#0	22.69	22.64	22.44		
15MHz 16QAM	RB1#0	22.93	22.92	22.88	20.3	34.77
	RB1#38	23.14	23	23		
	RB1#74	22.97	22.82	22.91		
	RB36#0	21.69	21.64	21.47		
	RB36#39	21.77	21.63	21.42		
	RB75#0	21.7	21.64	21.43		
20MHz QPSK	RB1#0	23.47	23.33	23.29	21.05	34.77
	RB1#50	23.89	23.73	23.59		
	RB1#99	23.47	23.23	23.22		

	RB50#0	22.51	22.7	22.43		
	RB50#50	22.64	22.66	22.34		
	RB100#0	22.58	22.65	22.39		
20MHz 16QAM	RB1#0	22.63	22.87	22.51	20.47	34.77
	RB1#50	23.08	23.31	22.9		
	RB1#99	22.64	22.83	22.55		
	RB50#0	21.57	21.73	21.49		
	RB50#50	21.66	21.67	21.38		
	RB100#0	21.66	21.67	21.4		

Note:

ERP= Conducted Power(dBm) - Lc(dB) + Gr(dBd)

Gr(dBd)=Gr(dBi)-2.15

Note: ERP=Conducted Power(dBm) - Cable loss(dB) + Antenna Gain(dBd)

Result:**Pass****Peak-to-average Ratio (PAR)**

Test Bandwidth & Modulation	Resource Block & RB offset	Peak-to-average Ratio(dB)			Limit (dB)
		Lowest Channel	Middle Channel	Highest Channel	
20MHz QPSK	RB1#0	5.3	5.3	5.74	13
	RB100#0	4.26	4.32	4.2	13
20MHz 16QAM	RB1#0	5.8	5.8	6.9	13
	RB100#0	5.86	5.86	5.86	13
Result:					Pass

FCC §2.1049, §27.53: Occupied Bandwidth

Operation Mode	99% Occupied Bandwidth (MHz)			26 dB Occupied Bandwidth (MHz)		
	Low Channel	Middle channel	High Channel	Low Channel	Middle Channel	High Channel
5MHz QPSK	4.531	4.531	4.511	5.22	5.16	5.2
5MHz 16QAM	4.531	4.551	4.551	5.18	5.24	5.18
10MHz QPSK	8.942	8.982	8.982	9.96	9.92	9.96
10MHz 16QAM	8.942	8.982	8.942	9.88	9.96	9.88
15MHz QPSK	13.473	13.593	13.653	15.12	15.96	17.58
15MHz 16QAM	13.473	13.593	13.653	15.06	15.18	18.06
20MHz QPSK	17.964	17.964	18.044	19.92	19.68	20.4
20MHz 16QAM	17.964	17.964	17.964	19.68	19.76	19.68

Note: The test plots please refer to the Plots of Occupied Bandwidth

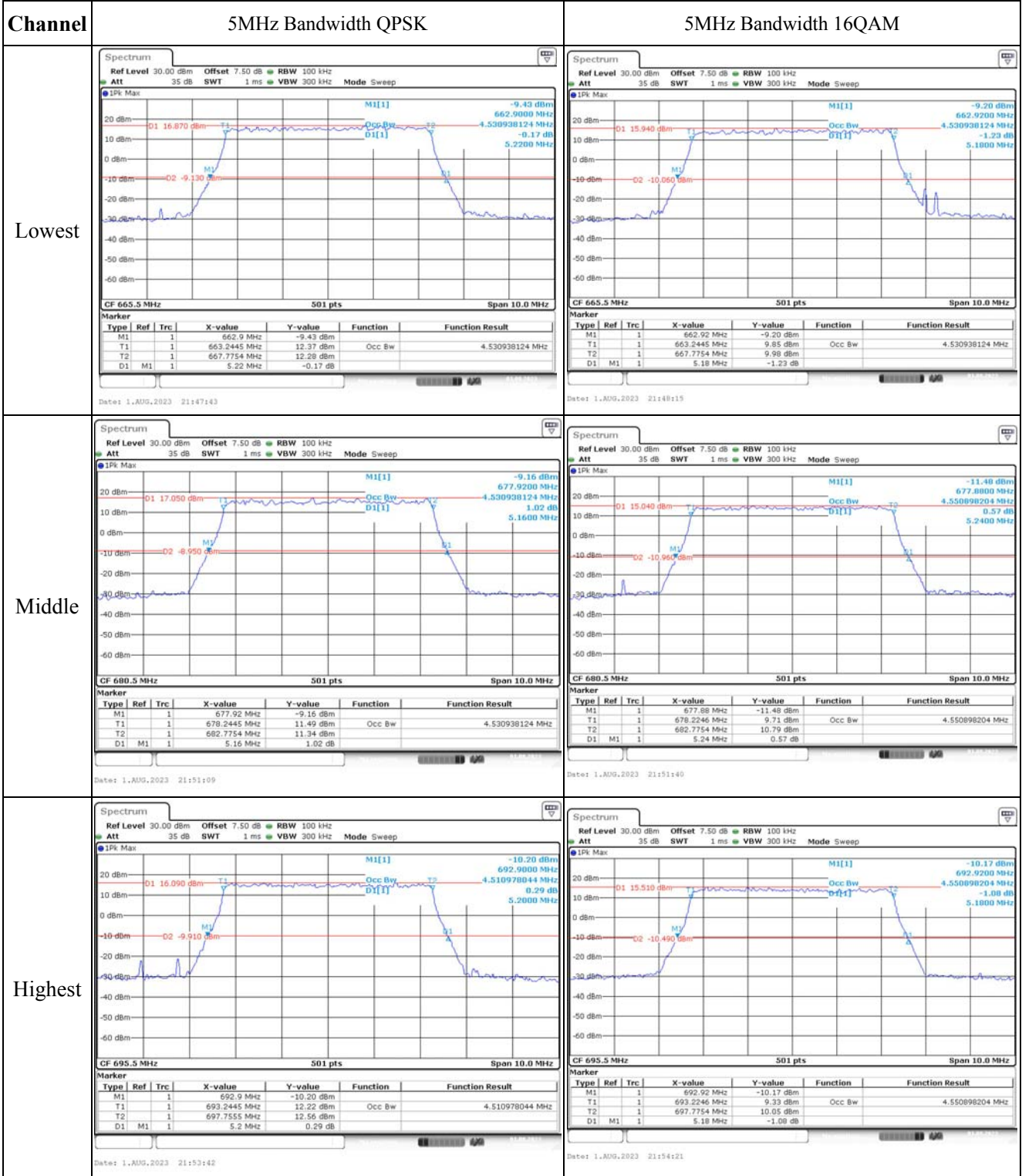
FCC §2.1051, §27.53:Spurious Emissions at Antenna Terminal**Result:** Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.**FCC §2.1051, §27.53:Out of band emission, Band Edge****Result:** Pass, Please refer to the test plots of Out of band emission, Band Edge.

FCC §2.1055, §27.54: Frequency Stability						
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge, Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.8	664.034	663.00	697.045	698.00
	-20	3.8	664.060	663.00	697.069	698.00
	-10	3.8	664.030	663.00	697.096	698.00
	0	3.8	664.001	663.00	697.006	698.00
	10	3.8	664.063	663.00	697.013	698.00
	20	3.8	664.058	663.00	697.022	698.00
	30	3.8	664.051	663.00	697.086	698.00
	40	3.8	664.013	663.00	697.032	698.00
	50	3.8	664.029	663.00	697.037	698.00
Frequency Stability vs. Voltage	20	3.65	664.053	663.00	697.046	698.00
	20	4.35	664.100	663.00	697.065	698.00
					Result:	Pass

Test Mode:	20M 16QAM	Test Channel: Lowest for Lower Edge, Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.8	664.047	663.00	697.062	698.00
	-20	3.8	664.051	663.00	697.002	698.00
	-10	3.8	664.052	663.00	697.076	698.00
	0	3.8	664.087	663.00	697.010	698.00
	10	3.8	664.019	663.00	697.090	698.00
	20	3.8	664.058	663.00	697.022	698.00
	30	3.8	664.076	663.00	697.082	698.00
	40	3.8	664.061	663.00	697.070	698.00
	50	3.8	664.095	663.00	697.045	698.00
Frequency Stability vs. Voltage	20	3.65	664.022	663.00	697.052	698.00
	20	4.35	664.077	663.00	697.064	698.00
					Result:	Pass

Test Plots(Note: The 7.5dB is the Insertion loss of the RF cable, Power Splitter and DC Block, which was offset into the Spectrum Analyzer):

Occupied Bandwidth



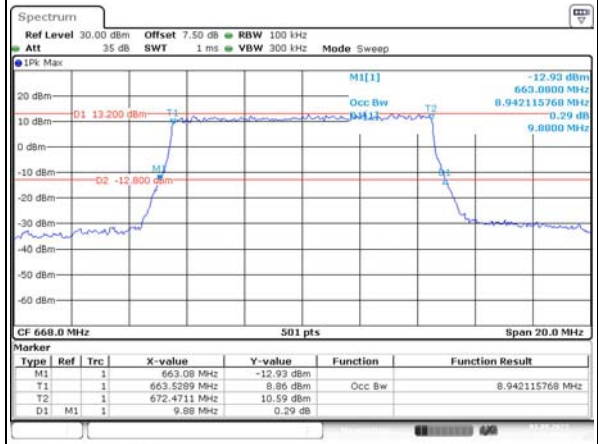
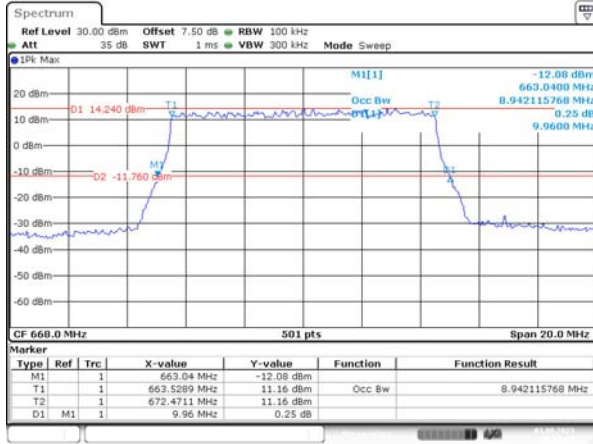
Occupied Bandwidth

Channel

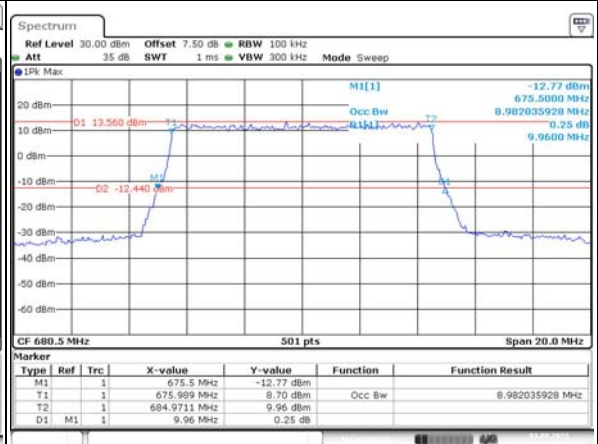
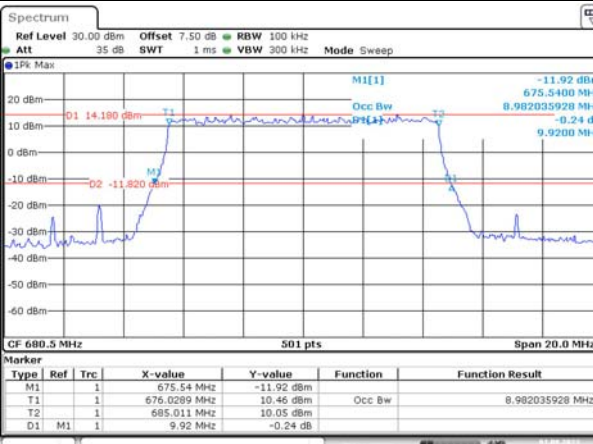
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

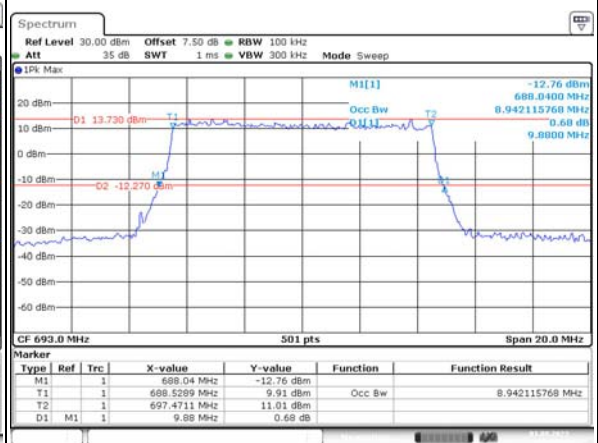
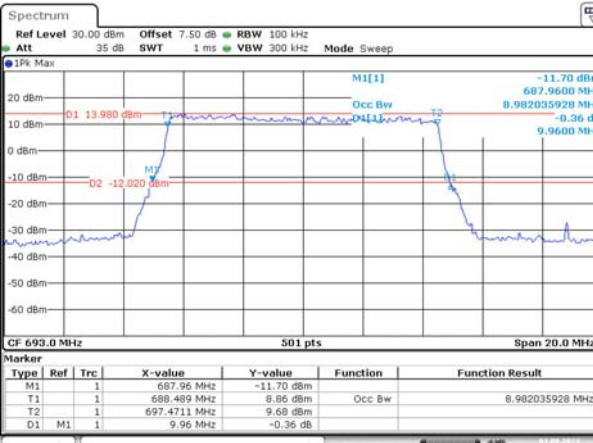
Lowest



Middle



Highest



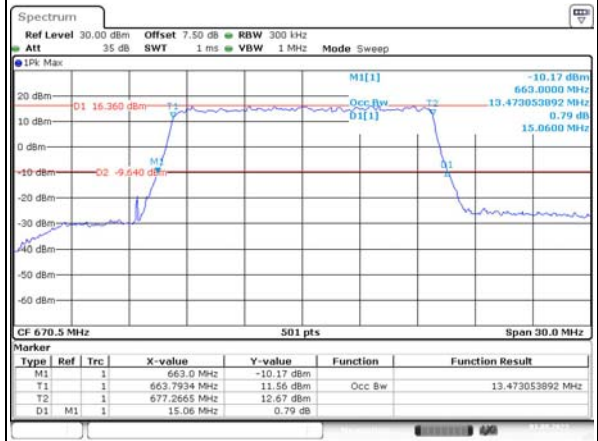
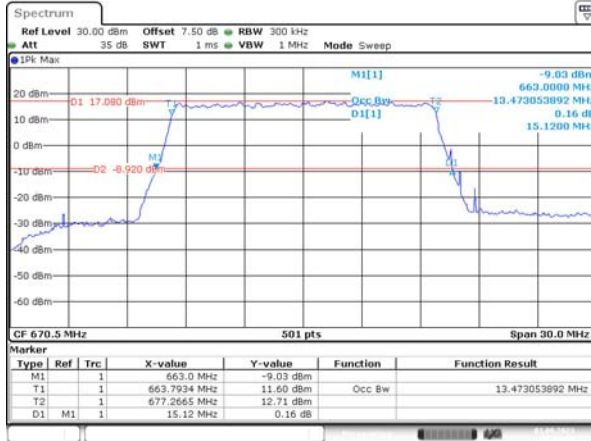
Occupied Bandwidth

Channel

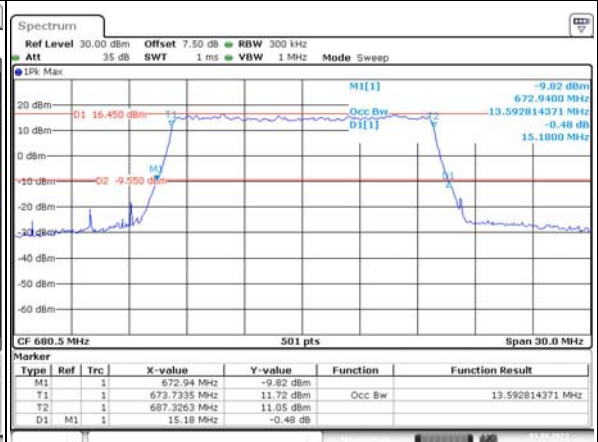
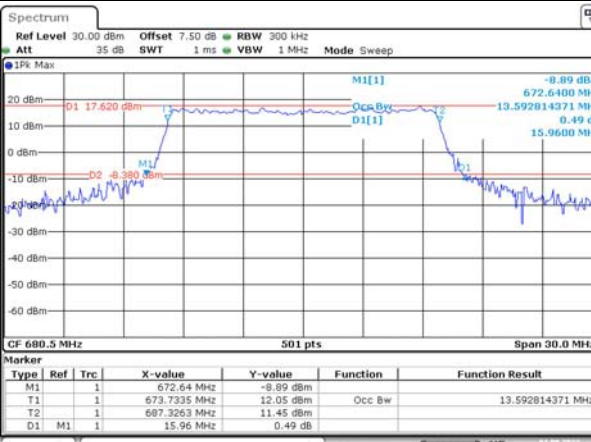
15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

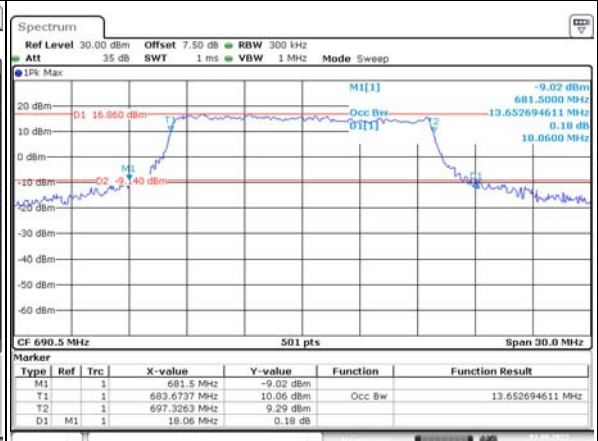
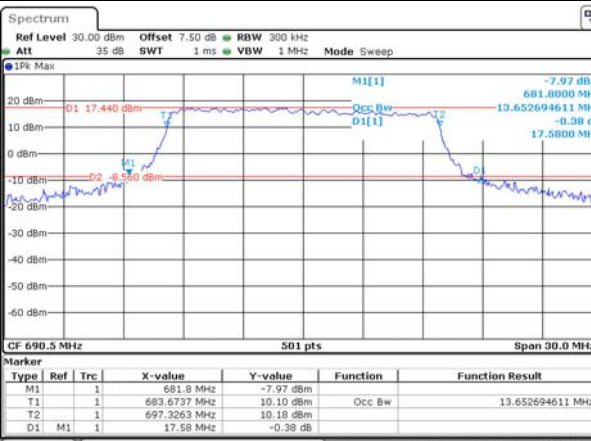
Lowest



Middle



Highest



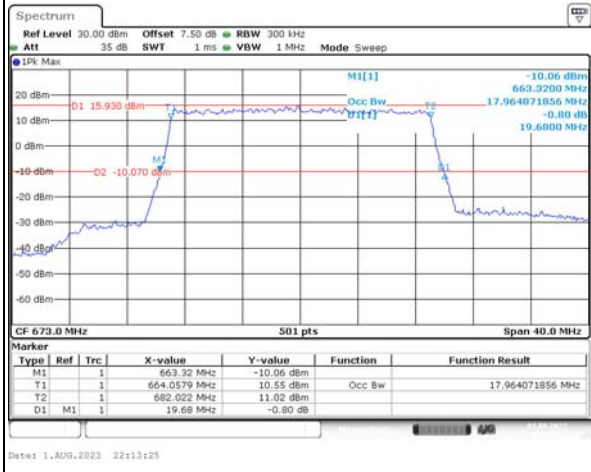
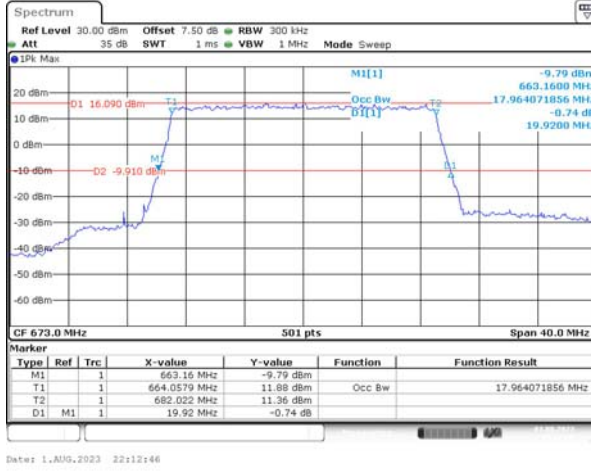
Occupied Bandwidth

Channel

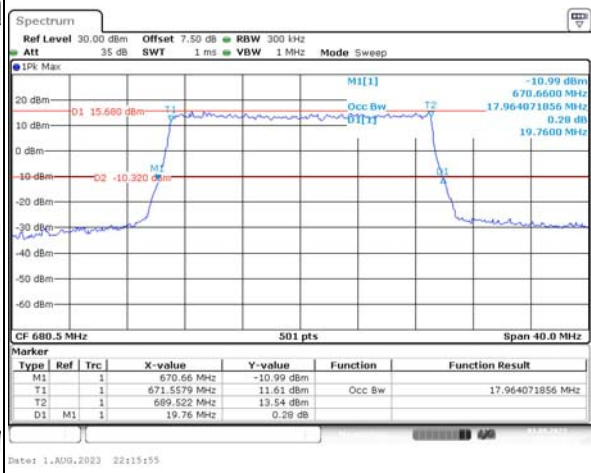
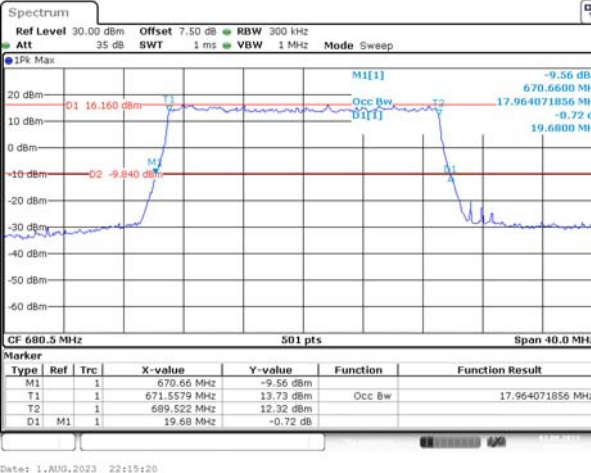
20MHz Bandwidth QPSK

20MHz Bandwidth 16QAM

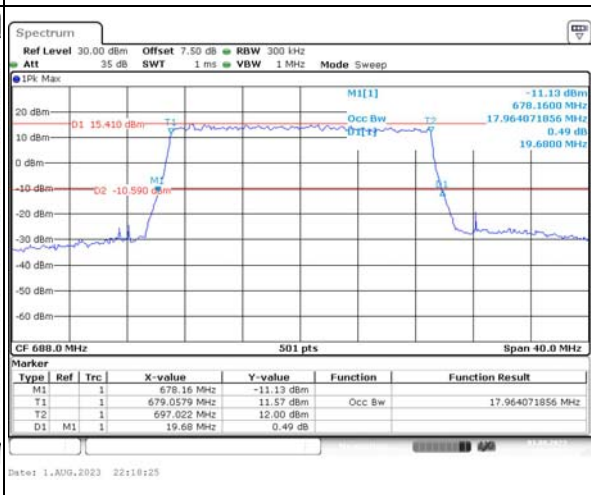
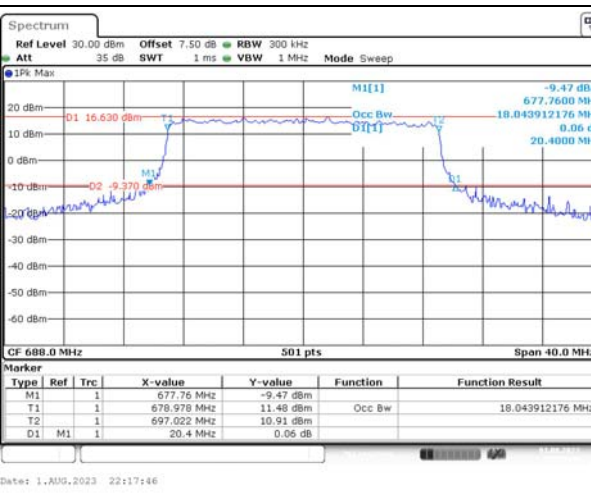
Lowest



Middle



Highest

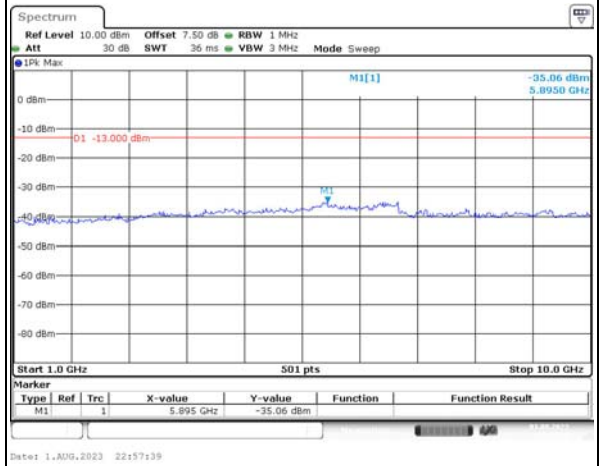
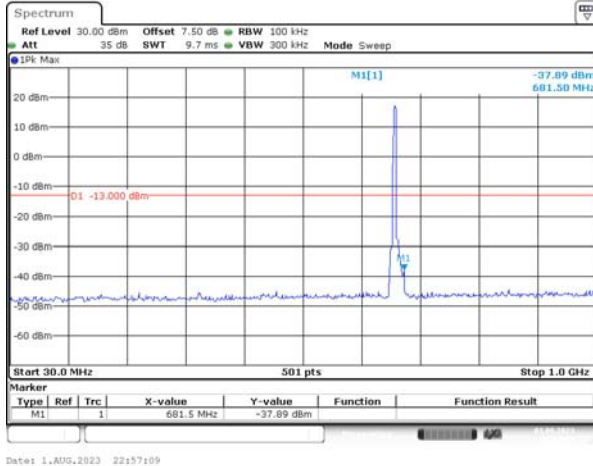


Spurious Emissions at Antenna Terminal

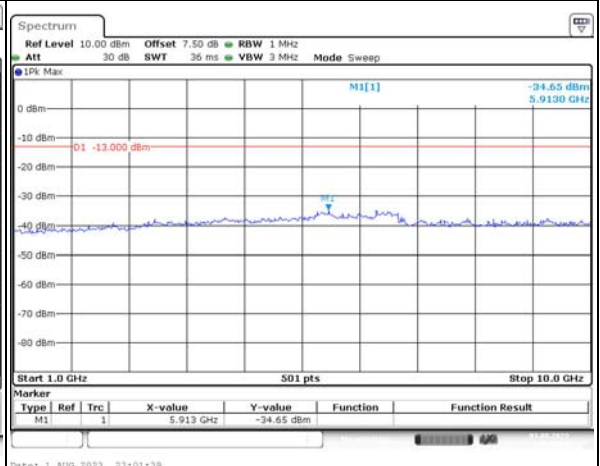
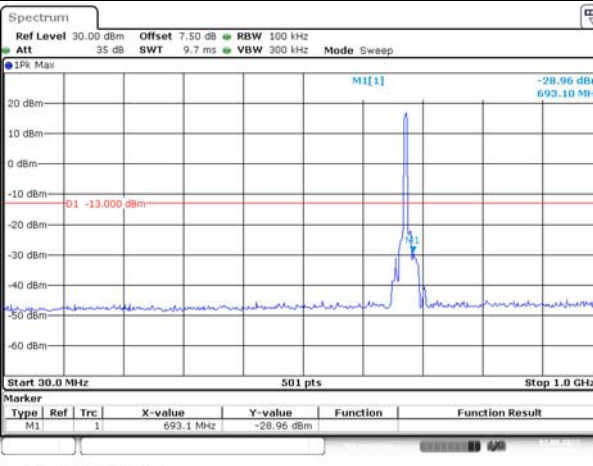
Channel

5MHz Bandwidth QPSK

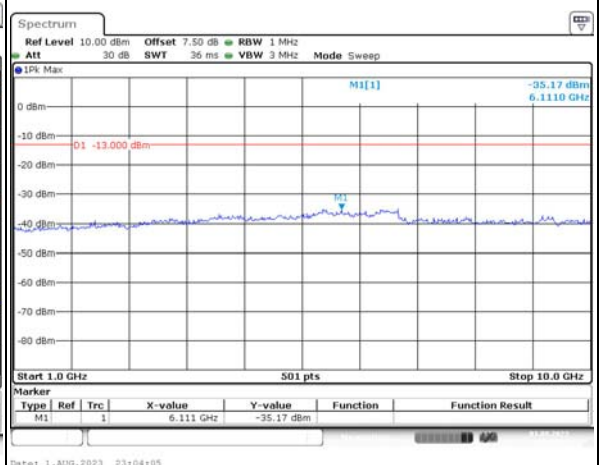
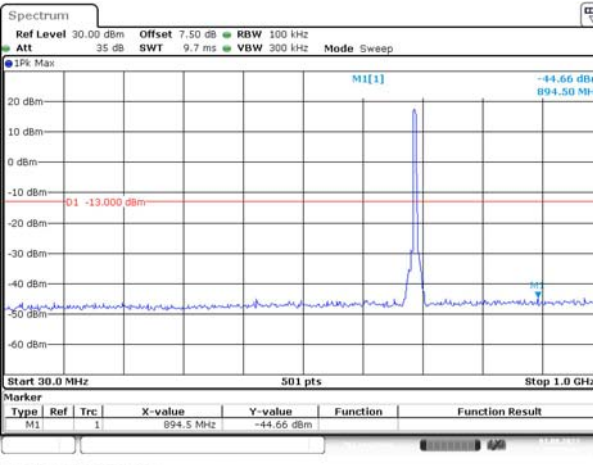
Lowest



Middle



Highest

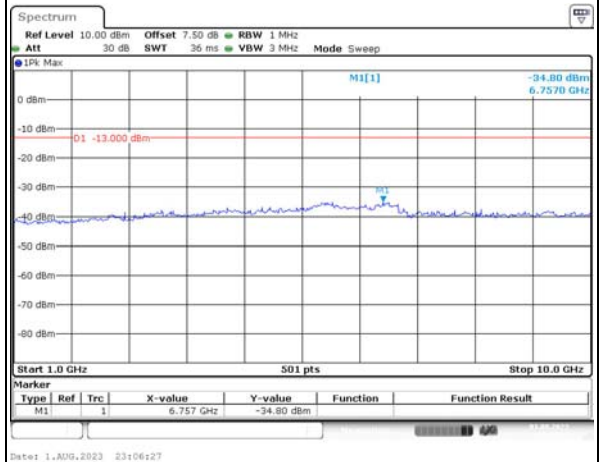
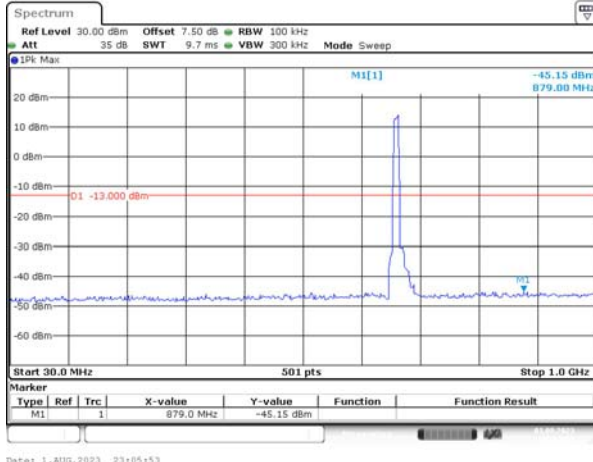


Spurious Emissions at Antenna Terminal

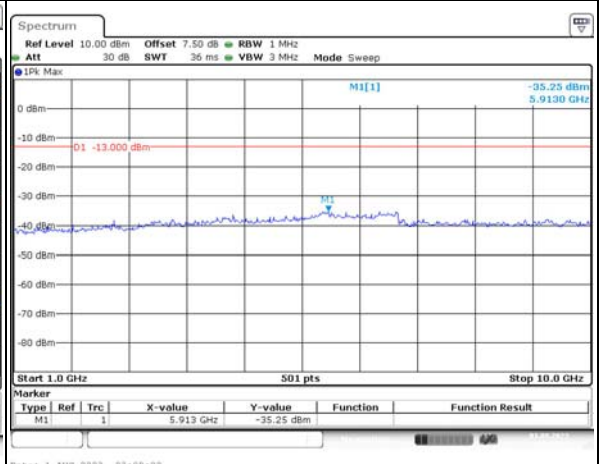
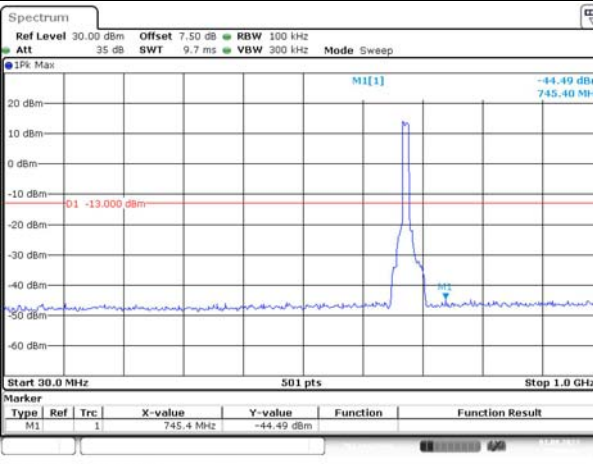
Channel

10MHz Bandwidth QPSK

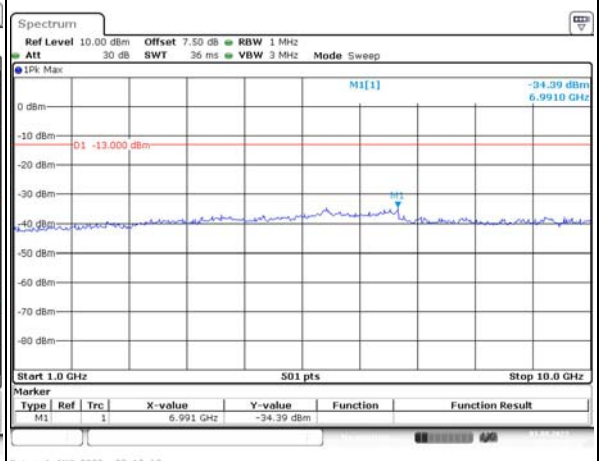
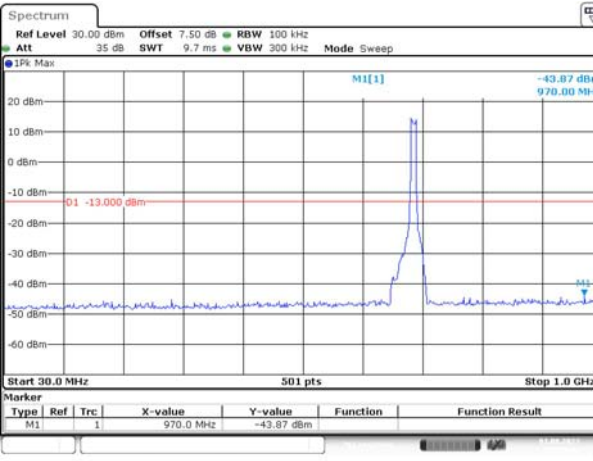
Lowest



Middle



Highest

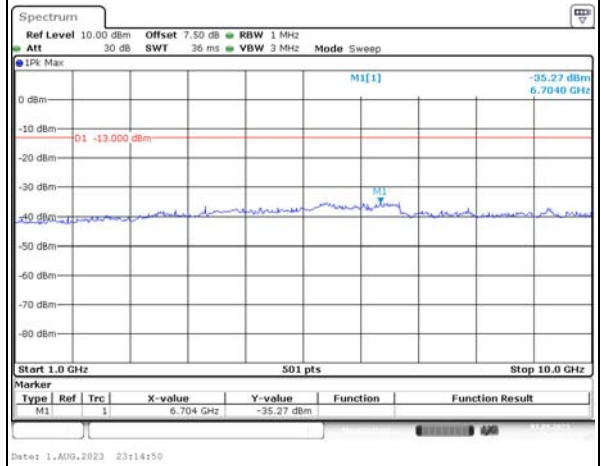
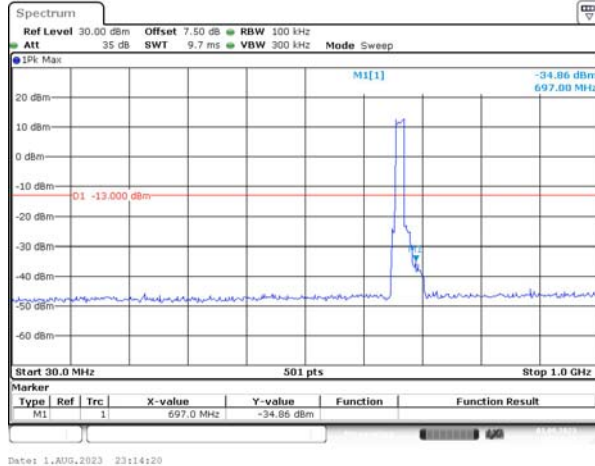


Spurious Emissions at Antenna Terminal

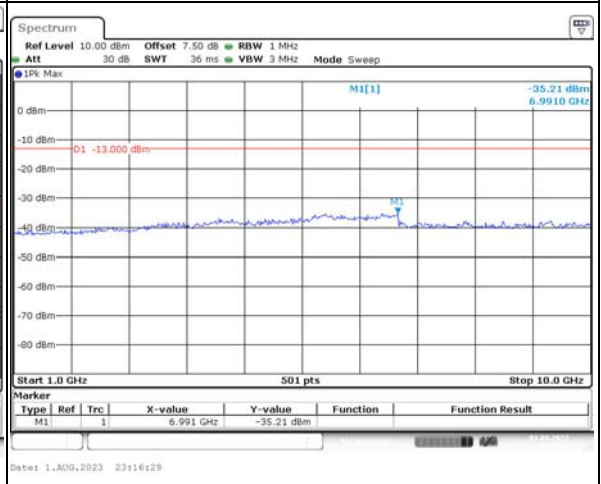
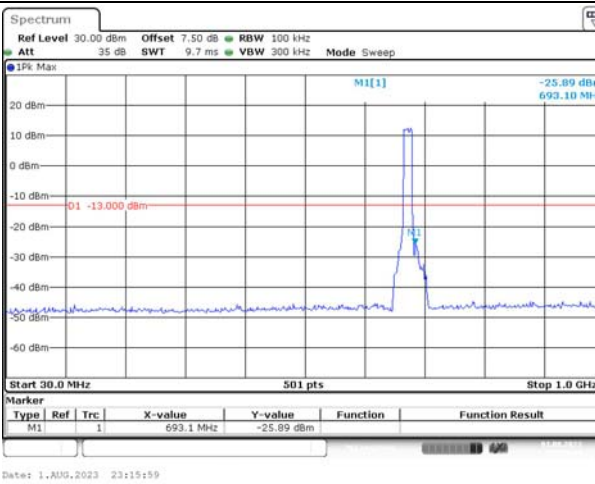
Channel

15MHz Bandwidth QPSK

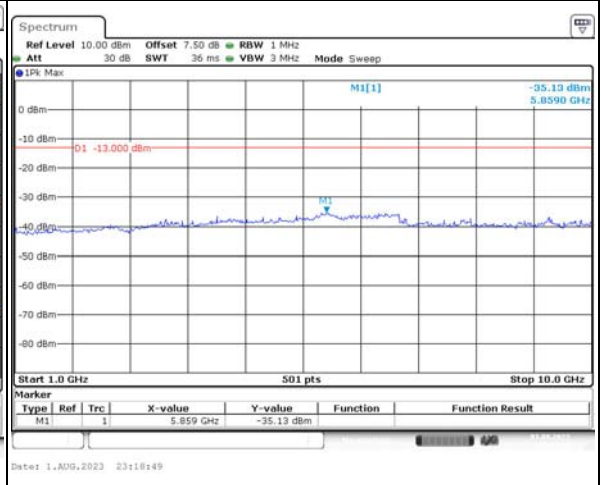
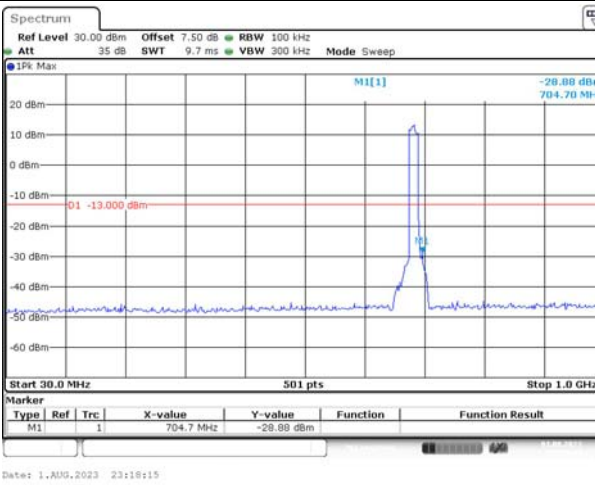
Lowest



Middle



Highest

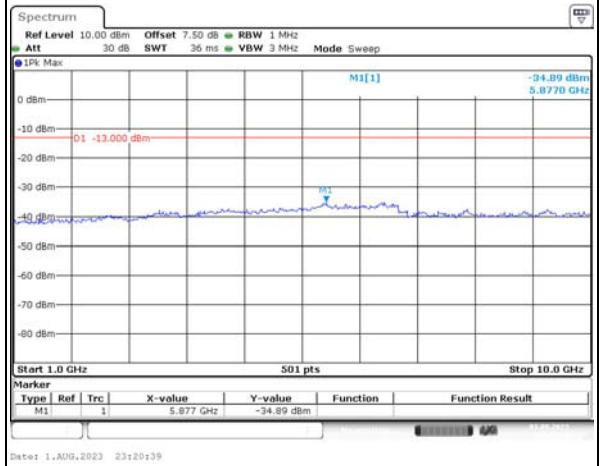
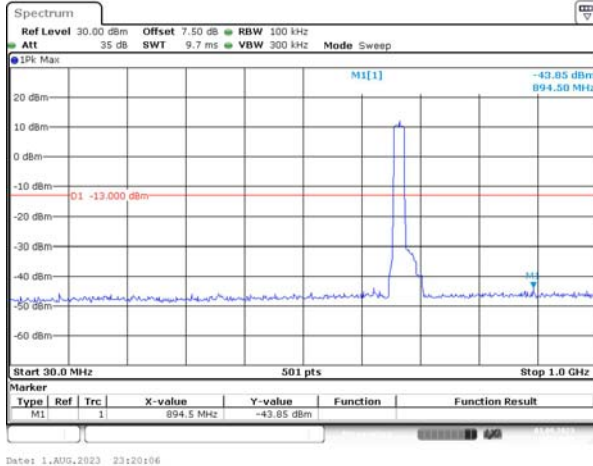


Spurious Emissions at Antenna Terminal

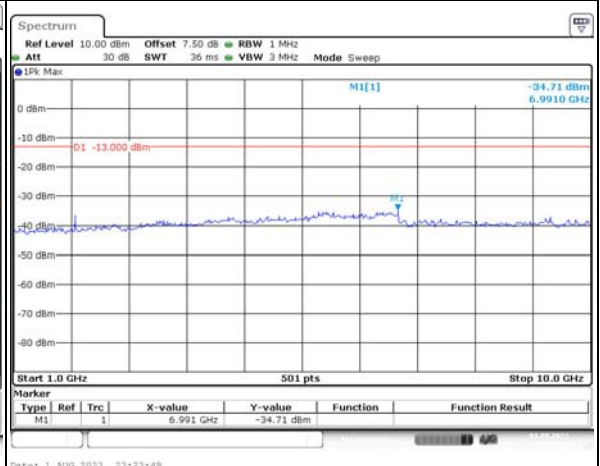
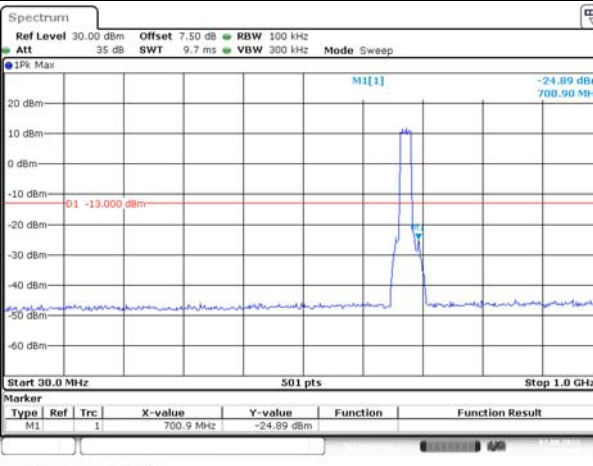
Channel

20MHz Bandwidth QPSK

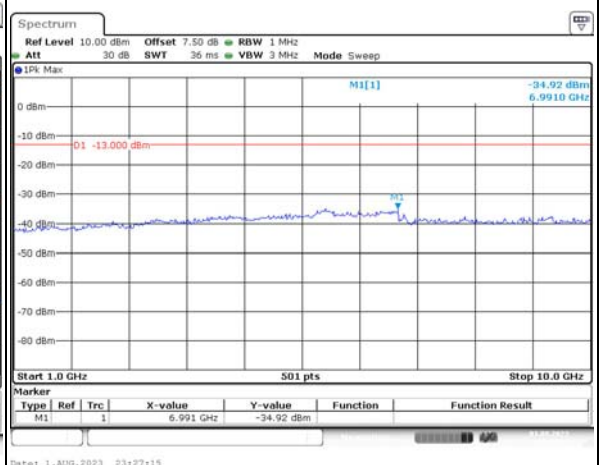
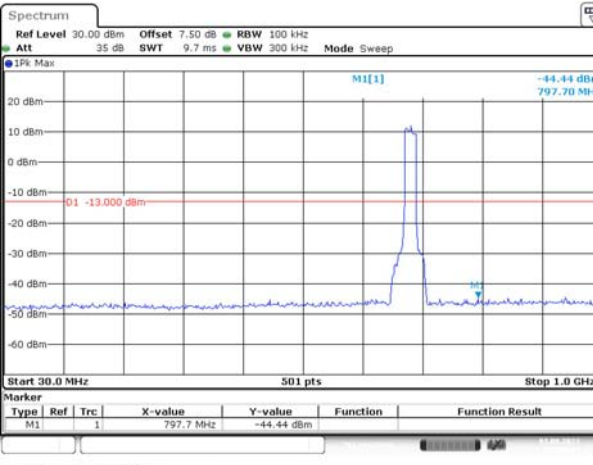
Lowest



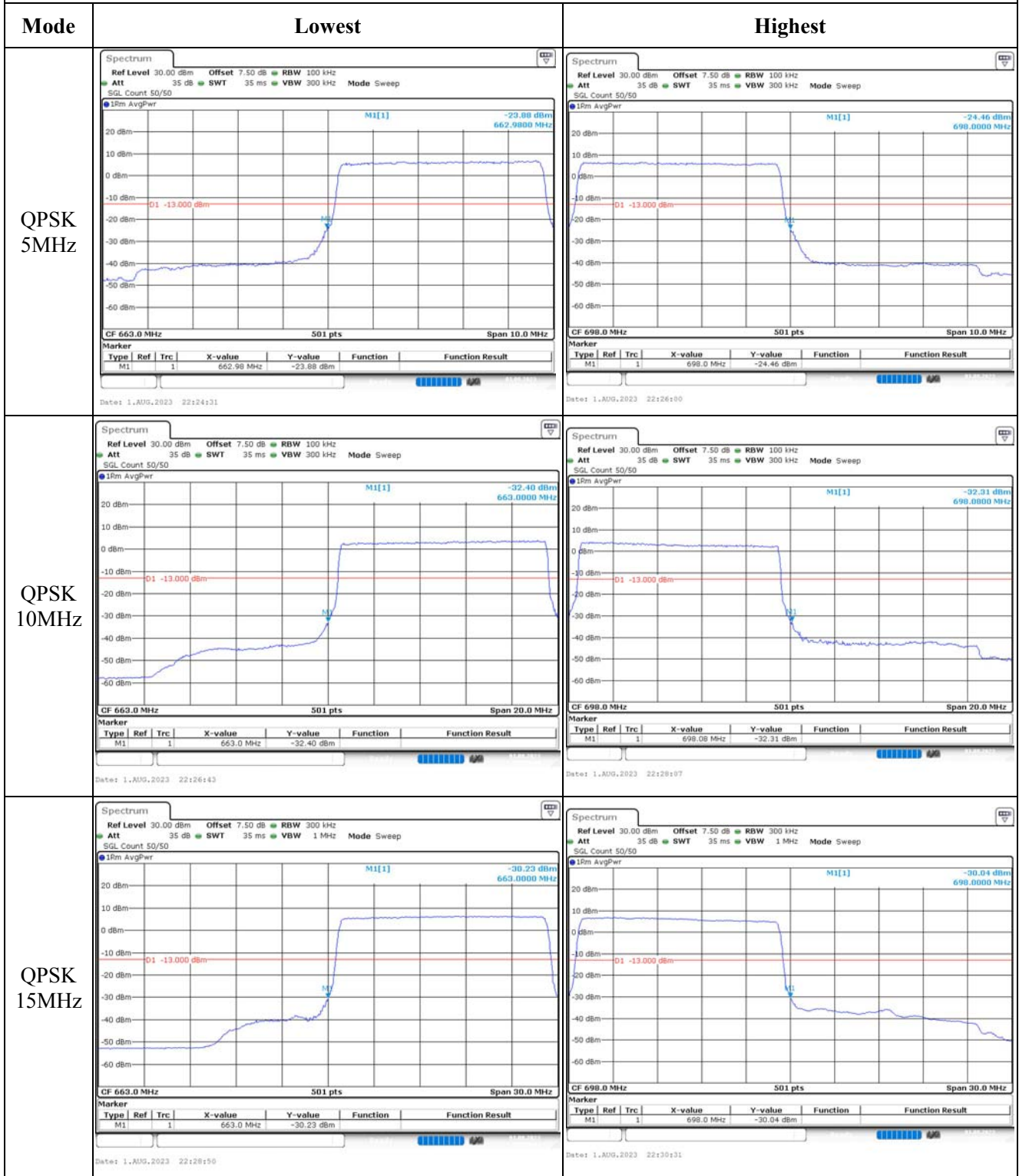
Middle



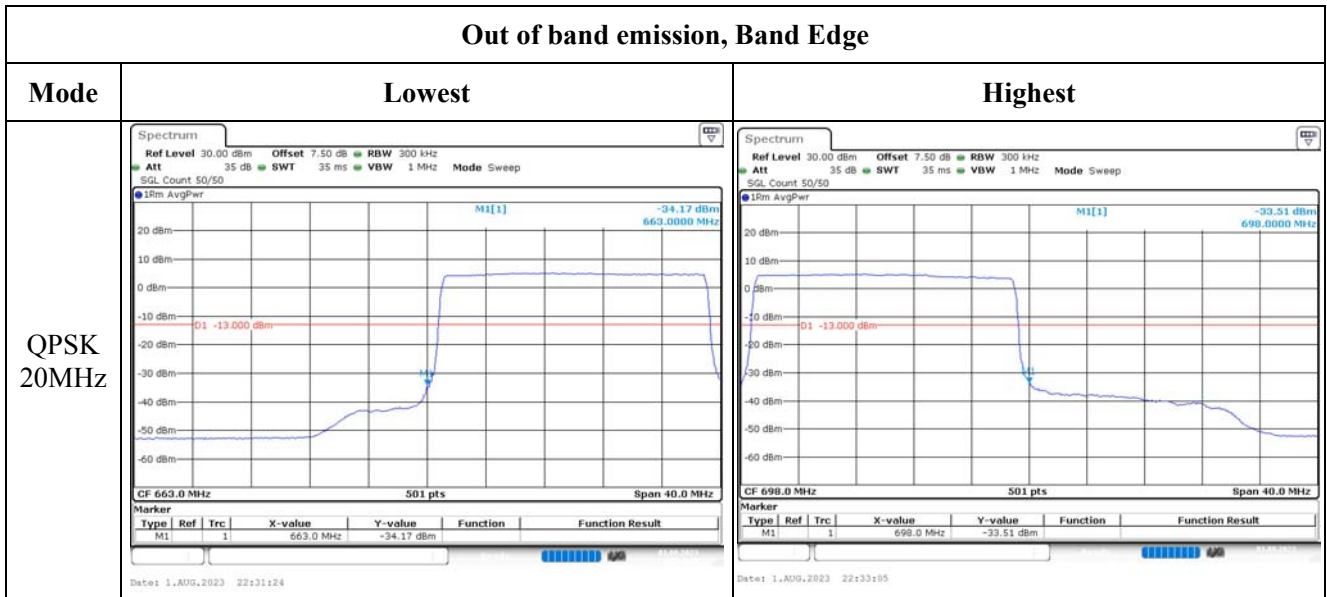
Highest



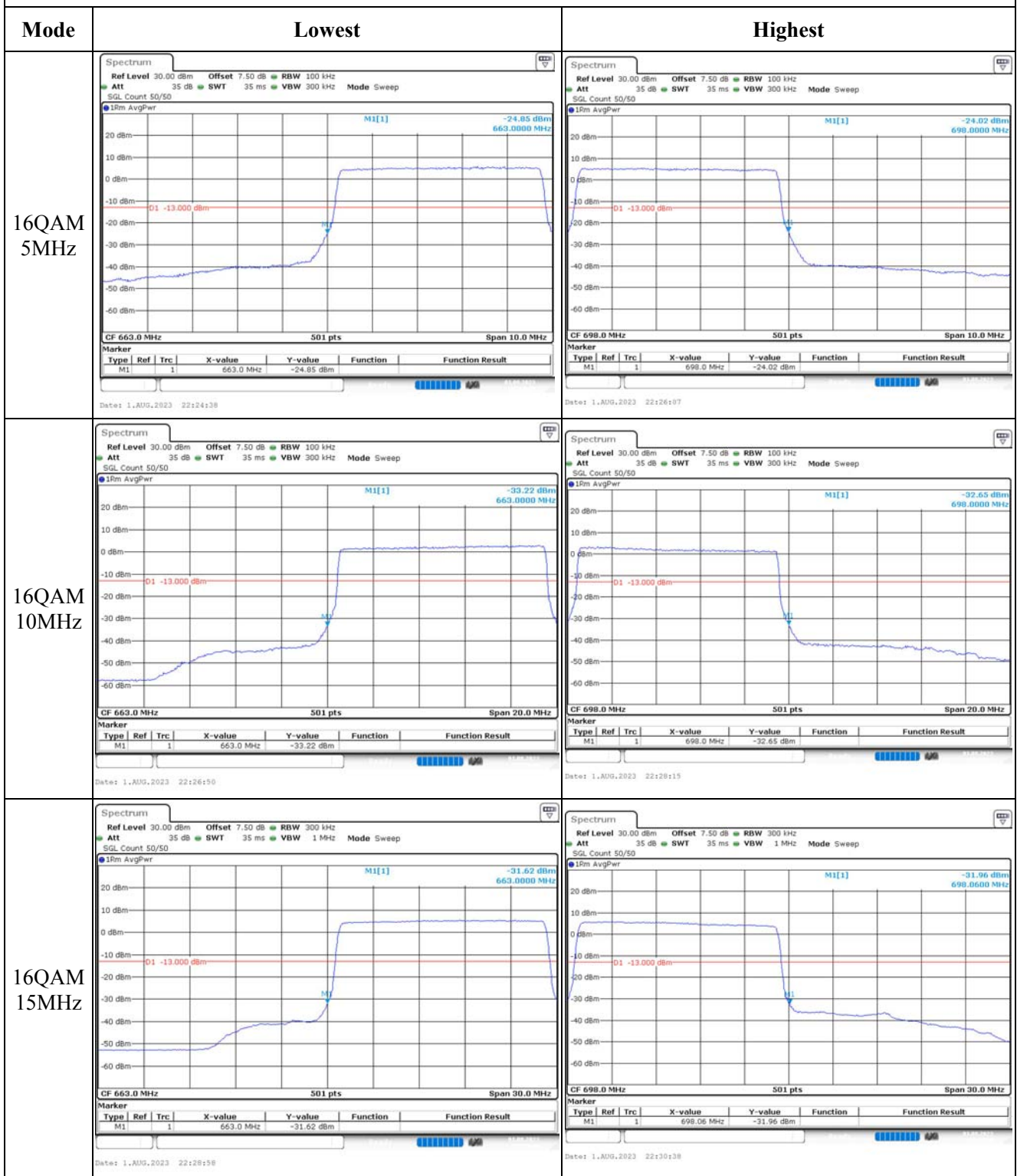
Out of band emission, Band Edge



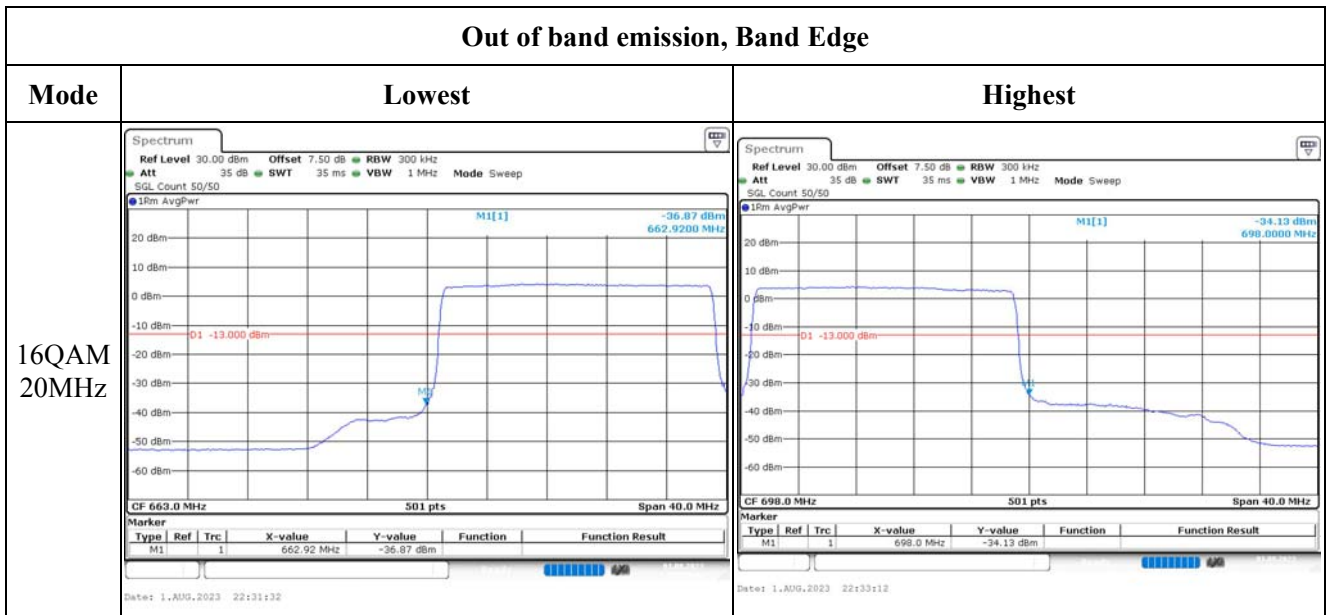
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.16 Radiated Spurious Emissions

Serial Number:	28LK-2	Test Date:	2023/7/29~2023/8/6
Test Site:	966-1, 966-2	Test Mode:	Transmitting
Tester:	Carl Xue, coco Tian	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.3~27.4	Relative Humidity: (%)	51~68	ATM Pressure: (kPa)	99.5~100
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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	2022/8/7	2023/8/6
MICRO-COAX	Coaxial Cable	UFA210A-1-2362- 300300	235780-001	2022/8/7	2023/8/6
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
Agilent	Signal Generator	E8247C	MY43321352	2022/11/18	2023/11/17
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	2022/8/7	2023/8/6

* **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 tables.

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								
653.22	H	20.95	-52.62	0.00	0.52	-53.14	-13.00	40.14
700.63	V	21.05	-48.86	0.00	0.55	-49.41	-13.00	36.41
1648.400	H	58.79	-45.54	8.68	0.80	-37.66	-13.00	24.66
1648.400	V	54.67	-49.74	8.68	0.80	-41.86	-13.00	28.86
2472.600	H	58.46	-42.32	9.38	1.00	-33.94	-13.00	20.94
2472.600	V	60.36	-40.38	9.38	1.00	-32.00	-13.00	19.00
3296.800	H	42.35	-54.33	10.32	1.15	-45.16	-13.00	32.16
3296.800	V	36.97	-59.47	10.32	1.15	-50.30	-13.00	37.30
GSM 850 Frequency:836.6MHz								
581.91	H	21.11	-53.11	0.00	0.46	-53.57	-13.00	40.57
713.01	V	21.32	-48.32	0.00	0.51	-48.83	-13.00	35.83
1673.200	H	57.68	-46.63	8.71	0.85	-38.77	-13.00	25.77
1673.200	V	55.13	-49.28	8.71	0.85	-41.42	-13.00	28.42
2509.800	H	59.64	-40.97	9.42	1.01	-32.56	-13.00	19.56
2509.800	V	59.87	-40.75	9.42	1.01	-32.34	-13.00	19.34
3346.400	H	41.26	-55.91	10.34	1.16	-46.73	-13.00	33.73
3346.400	V	38.67	-58.36	10.34	1.16	-49.18	-13.00	36.18
GSM 850 Frequency:848.8MHz								
710.52	H	21.19	-51.92	0.00	0.52	-52.44	-13.00	39.44
579.88	V	20.91	-50.79	0.00	0.46	-51.25	-13.00	38.25
1697.600	H	58.03	-46.26	8.74	0.90	-38.42	-13.00	25.42
1697.600	V	53.41	-51.01	8.74	0.90	-43.17	-13.00	30.17
2546.400	H	59.06	-41.27	9.47	1.01	-32.81	-13.00	19.81
2546.400	V	59.78	-40.50	9.47	1.01	-32.04	-13.00	19.04
3395.200	H	39.67	-58.02	10.36	1.19	-48.85	-13.00	35.85
3395.200	V	37.74	-59.92	10.36	1.19	-50.75	-13.00	37.75

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								
728.16	H	20.83	-51.92	0.00	0.52	-52.44	-13.00	39.44
698.18	V	20.96	-48.99	0.00	0.55	-49.54	-13.00	36.54
1652.800	H	46.71	-57.62	8.68	0.81	-49.75	-13.00	36.75
1652.800	V	47.68	-56.73	8.68	0.81	-48.86	-13.00	35.86
2479.200	H	43.57	-57.19	9.39	1.01	-48.81	-13.00	35.81
2479.200	V	42.58	-58.15	9.39	1.01	-49.77	-13.00	36.77
3305.600	H	34.62	-62.11	10.32	1.15	-52.94	-13.00	39.94
3305.600	V	35.17	-61.33	10.32	1.15	-52.16	-13.00	39.16
WCDMA Band 5 Frequency:836.6MHz								
713.01	H	20.92	-52.14	0.00	0.51	-52.65	-13.00	39.65
728.16	V	21.10	-48.21	0.00	0.52	-48.73	-13.00	35.73
1673.200	H	42.10	-62.21	8.71	0.85	-54.35	-13.00	41.35
1673.200	V	42.30	-62.11	8.71	0.85	-54.25	-13.00	41.25
2509.800	H	43.56	-57.05	9.42	1.01	-48.64	-13.00	35.64
2509.800	V	41.67	-58.95	9.42	1.01	-50.54	-13.00	37.54
3346.400	H	35.76	-61.41	10.34	1.16	-52.23	-13.00	39.23
3346.400	V	35.23	-61.80	10.34	1.16	-52.62	-13.00	39.62
WCDMA Band 5 Frequency:846.6MHz								
667.10	H	21.27	-52.23	0.00	0.50	-52.73	-13.00	39.73
650.84	V	20.90	-49.91	0.00	0.52	-50.43	-13.00	37.43
1693.200	H	46.37	-57.93	8.73	0.89	-50.09	-13.00	37.09
1693.200	V	47.34	-57.08	8.73	0.89	-49.24	-13.00	36.24
2539.800	H	42.57	-57.81	9.46	1.01	-49.36	-13.00	36.36
2539.800	V	41.59	-58.75	9.46	1.01	-50.30	-13.00	37.30
3386.400	H	34.28	-63.31	10.35	1.18	-54.14	-13.00	41.14
3386.400	V	34.83	-62.71	10.35	1.18	-53.54	-13.00	40.54

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								
75.97	H	36.48	-70.88	-2.02	0.16	-73.06	-13.00	60.06
77.04	V	40.14	-66.67	-1.48	0.16	-68.31	-13.00	55.31
3700.400	H	47.65	-49.67	10.60	1.25	-40.32	-13.00	27.32
3700.400	V	43.67	-53.63	10.60	1.25	-44.28	-13.00	31.28
5550.600	H	34.59	-58.67	11.44	1.49	-48.72	-13.00	35.72
5550.600	V	34.72	-58.38	11.44	1.49	-48.43	-13.00	35.43
GSM 1900 Frequency:1880MHz								
77.59	H	36.30	-72.03	-1.21	0.16	-73.40	-13.00	60.40
70.58	V	40.39	-62.57	-4.71	0.15	-67.43	-13.00	54.43
3760.000	H	46.53	-49.88	10.66	1.24	-40.46	-13.00	27.46
3760.000	V	44.26	-52.03	10.66	1.24	-42.61	-13.00	29.61
5640.000	H	34.69	-58.76	11.33	1.54	-48.97	-13.00	35.97
5640.000	V	34.53	-58.80	11.33	1.54	-49.01	-13.00	36.01
GSM 1900 Frequency:1909.8MHz								
77.86	H	36.70	-71.80	-1.07	0.16	-73.03	-13.00	60.03
60.07	V	39.96	-66.03	-10.26	0.14	-76.43	-13.00	63.43
3819.600	H	48.61	-47.25	10.72	1.29	-37.82	-13.00	24.82
3819.600	V	45.59	-50.13	10.72	1.29	-40.70	-13.00	27.70
5729.400	H	34.29	-59.19	11.22	1.59	-49.56	-13.00	36.56
5729.400	V	34.37	-58.99	11.22	1.59	-49.36	-13.00	36.36

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB μ 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								
136.46	H	39.94	-72.32	0.00	0.22	-72.54	-13.00	59.54
85.29	V	37.21	-71.77	0.00	0.17	-71.94	-13.00	58.94
3704.800	H	70.38	-26.88	10.60	1.25	-17.53	-13.00	4.53
3704.800	V	66.08	-31.15	10.60	1.25	-21.80	-13.00	8.80
5557.200	H	46.54	-46.74	11.43	1.49	-36.80	-13.00	23.80
5557.200	V	46.75	-46.38	11.43	1.49	-36.44	-13.00	23.44
WCDMA Band II, Frequency: 1880 MHz								
137.90	H	40.44	-71.84	0.00	0.22	-72.06	-13.00	59.06
84.11	V	37.29	-71.60	0.00	0.17	-71.77	-13.00	58.77
3760.000	H	66.47	-29.94	10.66	1.24	-20.52	-13.00	7.52
3760.000	V	63.55	-32.74	10.66	1.24	-23.32	-13.00	10.32
5640.000	H	39.27	-54.18	11.33	1.54	-44.39	-13.00	31.39
5640.000	V	38.56	-54.77	11.33	1.54	-44.98	-13.00	31.98
WCDMA Band II, Frequency: 1907.6MHz								
135.98	H	40.06	-72.20	0.00	0.22	-72.42	-13.00	59.42
46.99	V	37.39	-60.87	-17.85	0.12	-78.84	-13.00	65.84
3815.200	H	69.68	-26.17	10.72	1.29	-16.74	-13.00	3.74
3815.200	V	68.51	-27.18	10.72	1.29	-17.75	-13.00	4.75
5722.800	H	48.02	-45.47	11.23	1.58	-35.82	-13.00	22.82
5722.800	V	46.20	-47.15	11.23	1.58	-37.50	-13.00	24.50

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB μ V)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band VI Frequency:			1712.4	MHz				
138.87	H	38.43	-73.86	0.00	0.22	-74.08	-13.00	61.08
84.11	V	37.86	-71.03	0.00	0.17	-71.20	-13.00	58.20
3424.800	H	47.24	-50.53	10.37	1.17	-41.33	-13.00	28.33
3424.800	V	46.50	-51.24	10.37	1.17	-42.04	-13.00	29.04
5137.200	H	44.35	-49.27	11.28	1.46	-39.45	-13.00	26.45
5137.200	V	45.35	-48.15	11.28	1.46	-38.33	-13.00	25.33
WCDMA Band VI Frequency:			1732.6	MHz				
139.36	H	38.36	-73.93	0.00	0.22	-74.15	-13.00	61.15
84.11	V	37.69	-71.20	0.00	0.17	-71.37	-13.00	58.37
3465.200	H	47.56	-50.25	10.39	1.15	-41.01	-13.00	28.01
3465.200	V	46.08	-51.69	10.39	1.15	-42.45	-13.00	29.45
5197.800	H	45.67	-48.46	11.32	1.44	-38.58	-13.00	25.58
5197.800	V	44.97	-49.01	11.32	1.44	-39.13	-13.00	26.13
WCDMA Band VI Frequency:			1752.6	MHz				
140.83	H	38.56	-73.71	0.00	0.22	-73.93	-13.00	60.93
84.40	V	37.77	-71.14	0.00	0.17	-71.31	-13.00	58.31
3505.200	H	48.56	-49.27	10.41	1.18	-40.04	-13.00	27.04
3505.200	V	47.14	-50.63	10.41	1.18	-41.40	-13.00	28.40
5257.800	H	45.33	-48.40	11.35	1.47	-38.52	-13.00	25.52
5257.800	V	44.78	-48.73	11.35	1.47	-38.85	-13.00	25.85

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

LTE Band 2 (30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB μ 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								
76.51	H	36.66	-71.03	-1.75	0.16	-72.94	-13.00	59.94
71.30	V	40.90	-62.49	-4.35	0.15	-66.99	-13.00	53.99
3701.400	H	61.35	-35.96	10.60	1.25	-26.61	-13.00	13.61
3701.400	V	58.79	-38.50	10.60	1.25	-29.15	-13.00	16.15
5552.100	H	38.64	-54.63	11.44	1.49	-44.68	-13.00	31.68
5552.100	V	38.07	-55.03	11.44	1.49	-45.08	-13.00	32.08
QPSK, Frequency:1880 MHz								
77.86	H	36.83	-71.67	-1.07	0.16	-72.90	-13.00	59.90
46.83	V	40.91	-57.19	-18.01	0.12	-75.32	-13.00	62.32
3760.000	H	55.64	-40.77	10.66	1.24	-31.35	-13.00	18.35
3760.000	V	50.35	-45.94	10.66	1.24	-36.52	-13.00	23.52
5640.000	H	40.47	-52.98	11.33	1.54	-43.19	-13.00	30.19
5640.000	V	38.79	-54.54	11.33	1.54	-44.75	-13.00	31.75
QPSK, Frequency:1909.3 MHz								
139.85	H	36.73	-75.57	0.00	0.22	-75.79	-13.00	62.79
73.70	V	40.68	-64.14	-3.15	0.16	-67.45	-13.00	54.45
3818.600	H	65.75	-30.11	10.72	1.29	-20.68	-13.00	7.68
3818.600	V	61.54	-34.17	10.72	1.29	-24.74	-13.00	11.74
5727.900	H	40.03	-53.45	11.23	1.59	-43.81	-13.00	30.81
5727.900	V	38.56	-54.80	11.23	1.59	-45.16	-13.00	32.16

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								
144.83	H	36.68	-75.45	0.00	0.23	-75.68	-13.00	62.68
45.07	V	39.70	-56.67	-19.73	0.12	-76.52	-13.00	63.52
3421.400	H	41.16	-56.60	10.37	1.17	-47.40	-13.00	34.40
3421.400	V	41.78	-55.95	10.37	1.17	-46.75	-13.00	33.75
5132.100	H	35.46	-58.11	11.28	1.47	-48.30	-13.00	35.30
5132.100	V	34.65	-58.81	11.28	1.47	-49.00	-13.00	36.00
QPSK, Frequency:1732.5 MHz								
73.87	H	36.80	-69.30	-3.07	0.16	-72.53	-13.00	59.53
67.20	V	39.43	-64.13	-6.48	0.15	-70.76	-13.00	57.76
3465.000	H	41.59	-56.22	10.39	1.15	-46.98	-13.00	33.98
3465.000	V	42.09	-55.68	10.39	1.15	-46.44	-13.00	33.44
5197.500	H	35.68	-58.45	11.32	1.44	-48.57	-13.00	35.57
5197.500	V	36.03	-57.95	11.32	1.44	-48.07	-13.00	35.07
QPSK, Frequency:1754.3MHz								
139.85	H	36.44	-75.86	0.00	0.22	-76.08	-13.00	63.08
75.43	V	39.27	-66.58	-2.29	0.16	-69.03	-13.00	56.03
3508.600	H	41.56	-56.26	10.41	1.19	-47.04	-13.00	34.04
3508.600	V	41.42	-56.34	10.41	1.19	-47.12	-13.00	34.12
5262.900	H	35.79	-57.91	11.36	1.47	-48.02	-13.00	35.02
5262.900	V	36.07	-57.40	11.36	1.47	-47.51	-13.00	34.51

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								
720.54	H	21.37	-51.54	0.00	0.49	-52.03	-13.00	39.03
725.61	V	21.15	-48.21	0.00	0.51	-48.72	-13.00	35.72
1649.400	H	46.79	-57.54	8.68	0.80	-49.66	-13.00	36.66
1649.400	V	44.38	-60.03	8.68	0.80	-52.15	-13.00	39.15
2474.100	H	43.57	-57.21	9.38	1.00	-48.83	-13.00	35.83
2474.100	V	46.38	-54.35	9.38	1.00	-45.97	-13.00	32.97
3298.800	H	34.62	-62.06	10.32	1.15	-52.89	-13.00	39.89
3298.800	V	35.17	-61.27	10.32	1.15	-52.10	-13.00	39.10
QPSK, Frequency: 836.5 MHz								
695.74	H	21.20	-52.14	0.00	0.55	-52.69	-13.00	39.69
713.01	V	20.96	-48.68	0.00	0.51	-49.19	-13.00	36.19
1673.000	H	42.17	-62.14	8.71	0.85	-54.28	-13.00	41.28
1673.000	V	41.49	-62.92	8.71	0.85	-55.06	-13.00	42.06
2509.500	H	43.56	-57.05	9.42	1.01	-48.64	-13.00	35.64
2509.500	V	38.49	-62.13	9.42	1.01	-53.72	-13.00	40.72
3346.000	H	36.47	-60.69	10.34	1.16	-51.51	-13.00	38.51
3346.000	V	35.18	-61.84	10.34	1.16	-52.66	-13.00	39.66
QPSK, Frequency: 848.3 MHz								
688.47	H	21.61	-51.77	0.00	0.54	-52.31	-13.00	39.31
512.97	V	21.09	-50.51	0.00	0.44	-50.95	-13.00	37.95
1696.600	H	40.35	-63.94	8.74	0.89	-56.09	-13.00	43.09
1696.600	V	56.00	-48.42	8.74	0.89	-40.57	-13.00	27.57
2544.900	H	39.64	-60.70	9.47	1.01	-52.24	-13.00	39.24
2544.900	V	38.97	-61.33	9.47	1.01	-52.87	-13.00	39.87
3393.200	H	34.67	-63.00	10.36	1.19	-53.83	-13.00	40.83
3393.200	V	35.89	-61.74	10.36	1.19	-52.57	-13.00	39.57

LTE Band 12(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB μ V)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, Frequency:			699.7	MHz				
615.45	H	20.69	-53.09	0.00	0.48	-53.57	-13.00	40.57
542.54	V	20.64	-51.00	0.00	0.47	-51.47	-13.00	38.47
1399.400	H	40.01	-63.69	8.22	0.71	-56.18	-13.00	43.18
1399.400	V	39.64	-64.11	8.22	0.71	-56.60	-13.00	43.60
2099.100	H	37.49	-64.39	9.16	0.91	-56.14	-13.00	43.14
2099.100	V	37.61	-64.22	9.16	0.91	-55.97	-13.00	42.97
2798.800	H	35.43	-64.50	9.88	1.04	-55.66	-13.00	42.66
2798.800	V	34.70	-65.10	9.88	1.04	-56.26	-13.00	43.26
QPSK, Frequency:			707.5	MHz				
490.13	H	20.65	-55.38	0.00	0.44	-55.82	-13.00	42.82
630.74	V	20.44	-50.73	0.00	0.49	-51.22	-13.00	38.22
1415.000	H	39.87	-63.80	8.26	0.72	-56.26	-13.00	43.26
1415.000	V	40.16	-63.56	8.26	0.72	-56.02	-13.00	43.02
2122.500	H	38.06	-63.93	9.17	0.92	-55.68	-13.00	42.68
2122.500	V	37.64	-64.33	9.17	0.92	-56.08	-13.00	43.08
2830.000	H	34.76	-65.04	9.93	1.06	-56.17	-13.00	43.17
2830.000	V	35.12	-64.61	9.93	1.06	-55.74	-13.00	42.74
QPSK, Frequency:			715.3	MHz				
588.06	H	20.79	-53.31	0.00	0.47	-53.78	-13.00	40.78
517.70	V	20.70	-50.91	0.00	0.42	-51.33	-13.00	38.33
1430.600	H	40.13	-63.50	8.31	0.73	-55.92	-13.00	42.92
1430.600	V	39.89	-63.80	8.31	0.73	-56.22	-13.00	43.22
2145.900	H	37.55	-64.55	9.19	0.93	-56.29	-13.00	43.29
2145.900	V	38.01	-64.10	9.19	0.93	-55.84	-13.00	42.84
2861.200	H	34.52	-65.13	9.98	1.07	-56.22	-13.00	43.22
2861.200	V	34.79	-64.88	9.98	1.07	-55.97	-13.00	42.97

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)			
5MHz QPSK, Frequency:			706.5 MHz					
504.06	H	20.64	-55.11	0.00	0.45	-55.56	-13.00	42.56
531.25	V	20.60	-51.03	0.00	0.45	-51.48	-13.00	38.48
1413.000	H	40.73	-62.94	8.26	0.72	-55.40	-13.00	42.40
1413.000	V	39.76	-63.96	8.26	0.72	-56.42	-13.00	43.42
2119.500	H	37.88	-64.09	9.17	0.92	-55.84	-13.00	42.84
2119.500	V	36.85	-65.10	9.17	0.92	-56.85	-13.00	43.85
2826.000	H	34.56	-65.25	9.92	1.06	-56.39	-13.00	43.39
2826.000	V	34.37	-65.37	9.92	1.06	-56.51	-13.00	43.51
5MHz QPSK, Frequency:			710 MHz					
586.08	H	20.69	-53.44	0.00	0.46	-53.90	-13.00	40.90
577.85	V	20.87	-50.83	0.00	0.46	-51.29	-13.00	38.29
1420.000	H	38.79	-64.87	8.28	0.73	-57.32	-13.00	44.32
1420.000	V	37.99	-65.72	8.28	0.73	-58.17	-13.00	45.17
2130.000	H	35.84	-66.18	9.18	0.92	-57.92	-13.00	44.92
2130.000	V	36.52	-65.49	9.18	0.92	-57.23	-13.00	44.23
2840.000	H	34.28	-65.47	9.94	1.06	-56.59	-13.00	43.59
2840.000	V	35.16	-64.55	9.94	1.06	-55.67	-13.00	42.67
5MHz QPSK, Frequency:			713.5 MHz					
579.80	H	20.54	-53.72	0.00	0.46	-54.18	-13.00	41.18
512.97	V	20.65	-50.95	0.00	0.44	-51.39	-13.00	38.39
1427.000	H	38.97	-64.67	8.30	0.73	-57.10	-13.00	44.10
1427.000	V	38.16	-65.53	8.30	0.73	-57.96	-13.00	44.96
2140.500	H	37.44	-64.63	9.18	0.93	-56.38	-13.00	43.38
2140.500	V	36.58	-65.50	9.18	0.93	-57.25	-13.00	44.25
2854.000	H	34.16	-65.53	9.97	1.07	-56.63	-13.00	43.63
2854.000	V	34.59	-65.09	9.97	1.07	-56.19	-13.00	43.19

LTE Band 25(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB μ 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								
136.46	H	36.68	-75.58	0.00	0.22	-75.80	-13.00	62.80
74.65	V	39.97	-65.42	-2.68	0.16	-68.26	-13.00	55.26
3701.400	H	43.25	-54.06	10.60	1.25	-44.71	-13.00	31.71
3701.400	V	42.15	-55.14	10.60	1.25	-45.79	-13.00	32.79
5552.100	H	34.27	-59.00	11.44	1.49	-49.05	-13.00	36.05
5552.100	V	34.38	-58.72	11.44	1.49	-48.77	-13.00	35.77
QPSK, Frequency: 1882.5 MHz								
143.83	H	36.23	-75.94	0.00	0.22	-76.16	-13.00	63.16
71.58	V	40.34	-63.21	-4.21	0.15	-67.57	-13.00	54.57
3765.000	H	43.65	-52.68	10.67	1.25	-43.26	-13.00	30.26
3765.000	V	41.02	-55.19	10.67	1.25	-45.77	-13.00	32.77
5647.500	H	35.46	-57.99	11.32	1.55	-48.22	-13.00	35.22
5647.500	V	34.75	-58.58	11.32	1.55	-48.81	-13.00	35.81
QPSK, Frequency: 1914.3 MHz								
74.96	H	36.79	-69.97	-2.52	0.16	-72.65	-13.00	59.65
67.44	V	40.13	-63.35	-6.36	0.15	-69.86	-13.00	56.86
3828.600	H	42.54	-53.36	10.73	1.28	-43.91	-13.00	30.91
3828.600	V	42.51	-53.26	10.73	1.28	-43.81	-13.00	30.81
5742.900	H	34.26	-59.22	11.21	1.60	-49.61	-13.00	36.61
5742.900	V	34.49	-58.87	11.21	1.60	-49.26	-13.00	36.26

LTE Band 26 for Part 90s (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB μ V)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, Frequency:			814.7	MHz				
718.02	H	20.49	-52.47	0.00	0.49	-52.96	-13.00	39.96
674.15	V	20.84	-49.55	0.00	0.50	-50.05	-13.00	37.05
1629.400	H	44.69	-59.66	8.66	0.81	-51.81	-13.00	38.81
1629.400	V	42.16	-62.25	8.66	0.81	-54.40	-13.00	41.40
2444.100	H	44.62	-56.27	9.37	1.00	-47.90	-13.00	34.90
2444.100	V	43.05	-57.70	9.37	1.00	-49.33	-13.00	36.33
3258.800	H	34.08	-62.78	10.30	1.17	-53.65	-13.00	40.65
3258.800	V	34.36	-62.25	10.30	1.17	-53.12	-13.00	40.12
QPSK, Frequency:			823.3	MHz				
699.41	H	21.47	-51.85	0.00	0.55	-52.40	-13.00	39.40
702.56	V	23.95	-45.91	0.00	0.55	-46.46	-13.00	33.46
1646.600	H	39.58	-64.75	8.68	0.80	-56.87	-13.00	43.87
1646.600	V	41.22	-63.19	8.68	0.80	-55.31	-13.00	42.31
2469.900	H	44.59	-56.20	9.38	1.00	-47.82	-13.00	34.82
2469.900	V	40.28	-60.45	9.38	1.00	-52.07	-13.00	39.07
3293.200	H	33.94	-62.76	10.32	1.15	-53.59	-13.00	40.59
3293.200	V	36.85	-59.61	10.32	1.15	-50.44	-13.00	37.44

LTE Band 26 for Part 22H (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				
694.75	H	22.59	-50.76	0.00	0.55	-51.31	-13.00	38.31
724.63	V	21.73	-47.65	0.00	0.51	-48.16	-13.00	35.16
1649.400	H	41.36	-62.97	8.68	0.80	-55.09	-13.00	42.09
1649.400	V	43.69	-60.72	8.68	0.80	-52.84	-13.00	39.84
2474.100	H	45.74	-55.04	9.38	1.00	-46.66	-13.00	33.66
2474.100	V	42.11	-58.62	9.38	1.00	-50.24	-13.00	37.24
3298.800	H	36.54	-60.14	10.32	1.15	-50.97	-13.00	37.97
3298.800	V	34.87	-61.57	10.32	1.15	-52.40	-13.00	39.40
QPSK, Frequency:			831.5	MHz				
695.74	H	20.83	-52.51	0.00	0.55	-53.06	-13.00	40.06
715.51	V	20.76	-48.82	0.00	0.50	-49.32	-13.00	36.32
1663.000	H	40.02	-64.30	8.70	0.83	-56.43	-13.00	43.43
1663.000	V	39.45	-64.96	8.70	0.83	-57.09	-13.00	44.09
2494.500	H	43.15	-57.55	9.40	1.01	-49.16	-13.00	36.16
2494.500	V	40.23	-60.48	9.40	1.01	-52.09	-13.00	39.09
3326.000	H	34.21	-62.74	10.33	1.16	-53.57	-13.00	40.57
3326.000	V	33.97	-62.80	10.33	1.16	-53.63	-13.00	40.63
QPSK, Frequency:			848.3	MHz				
722.16	H	20.62	-52.25	0.00	0.50	-52.75	-13.00	39.75
723.07	V	20.88	-48.54	0.00	0.50	-49.04	-13.00	36.04
1696.600	H	41.35	-62.94	8.74	0.89	-55.09	-13.00	42.09
1696.600	V	41.11	-63.31	8.74	0.89	-55.46	-13.00	42.46
2544.900	H	42.65	-57.69	9.47	1.01	-49.23	-13.00	36.23
2544.900	V	38.56	-61.74	9.47	1.01	-53.28	-13.00	40.28
3393.200	H	33.89	-63.78	10.36	1.19	-54.61	-13.00	41.61
3393.200	V	34.16	-63.47	10.36	1.19	-54.30	-13.00	41.30

LTE Band 41 (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: 2498.5 MHz								
78.13	H	36.71	-71.95	-0.94	0.16	-73.05	-25.00	48.05
72.59	V	40.10	-64.06	-3.71	0.16	-67.93	-25.00	42.93
4997.000	H	35.69	-57.25	11.20	1.48	-47.53	-25.00	22.53
4997.000	V	35.17	-57.63	11.20	1.48	-47.91	-25.00	22.91
7495.500	H	33.53	-56.26	10.90	1.94	-47.30	-25.00	22.30
7495.500	V	34.06	-56.23	10.90	1.94	-47.27	-25.00	22.27
QPSK, Frequency: 2593 MHz								
140.26	H	36.63	-75.66	0.00	0.22	-75.88	-25.00	50.88
78.41	V	40.12	-67.51	-0.80	0.16	-68.47	-25.00	43.47
5186.000	H	34.25	-59.78	11.31	1.44	-49.91	-25.00	24.91
5186.000	V	34.69	-59.20	11.31	1.44	-49.33	-25.00	24.33
7779.000	H	33.87	-55.62	10.84	1.99	-46.77	-25.00	21.77
QPSK, Frequency: 2687.5 MHz								
79.24	H	38.86	-70.46	-0.38	0.16	-71.00	-25.00	46.00
77.86	V	40.13	-67.17	-1.07	0.16	-68.40	-25.00	43.40
5375.000	H	36.84	-56.67	11.43	1.49	-46.73	-25.00	21.73
5375.000	V	35.79	-57.71	11.43	1.49	-47.77	-25.00	22.77
8062.500	H	35.13	-53.09	10.81	2.12	-44.40	-25.00	19.40
8062.500	V	34.77	-53.95	10.81	2.12	-45.26	-25.00	20.26

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: 1710.7MHz								
145.35	H	36.59	-75.52	0.00	0.23	-75.75	-13.00	62.75
76.24	V	40.04	-66.30	-1.88	0.16	-68.34	-13.00	55.34
3421.400	H	35.69	-62.07	10.37	1.17	-52.87	-13.00	39.87
3421.400	V	34.88	-62.85	10.37	1.17	-53.65	-13.00	40.65
5132.100	H	34.29	-59.28	11.28	1.47	-49.47	-13.00	36.47
5132.100	V	35.11	-58.35	11.28	1.47	-48.54	-13.00	35.54
QPSK, Frequency:1745 MHz								
143.26	H	36.66	-75.53	0.00	0.22	-75.75	-13.00	62.75
74.91	V	39.97	-65.57	-2.55	0.16	-68.28	-13.00	55.28
3490.000	H	34.52	-63.32	10.40	1.17	-54.09	-13.00	41.09
3490.000	V	35.16	-62.62	10.40	1.17	-53.39	-13.00	40.39
5235.000	H	34.78	-59.12	11.34	1.46	-49.24	-13.00	36.24
5235.000	V	35.07	-58.64	11.34	1.46	-48.76	-13.00	35.76
QPSK, Frequency: 1779.3 MHz								
140.83	H	36.85	-75.42	0.00	0.22	-75.64	-13.00	62.64
66.04	V	40.15	-63.81	-7.10	0.15	-71.06	-13.00	58.06
3558.600	H	34.76	-62.91	10.46	1.22	-53.67	-13.00	40.67
3558.600	V	35.17	-62.40	10.46	1.22	-53.16	-13.00	40.16
5337.900	H	34.59	-58.88	11.40	1.47	-48.95	-13.00	35.95
5337.900	V	35.21	-58.12	11.40	1.47	-48.19	-13.00	35.19

LTE Band 71 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dB μ V)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
QPSK, Frequency: 665.5 MHz								
488.41	H	20.63	-55.44	0.00	0.44	-55.88	-13.00	42.88
573.81	V	20.52	-51.17	0.00	0.46	-51.63	-13.00	38.63
1331.000	H	36.47	-66.56	8.03	0.76	-59.29	-13.00	46.29
1331.000	V	35.19	-68.17	8.03	0.76	-60.90	-13.00	47.90
1996.500	H	38.64	-63.52	9.10	0.89	-55.31	-13.00	42.31
1996.500	V	39.54	-62.00	9.10	0.89	-53.79	-13.00	40.79
2662.000	H	35.29	-64.67	9.66	1.06	-56.07	-13.00	43.07
2662.000	V	34.67	-65.21	9.66	1.06	-56.61	-13.00	43.61
QPSK, Frequency: 680.5 MHz								
579.88	H	20.61	-53.65	0.00	0.46	-54.11	-13.00	41.11
533.12	V	20.46	-51.17	0.00	0.46	-51.63	-13.00	38.63
1361.000	H	36.45	-66.88	8.11	0.77	-59.54	-13.00	46.54
1361.000	V	35.74	-67.79	8.11	0.77	-60.45	-13.00	47.45
2041.500	H	37.84	-64.19	9.12	0.91	-55.98	-13.00	42.98
2041.500	V	36.29	-65.35	9.12	0.91	-57.14	-13.00	44.14
2722.000	H	34.62	-65.35	9.76	1.05	-56.64	-13.00	43.64
2722.000	V	35.13	-64.78	9.76	1.05	-56.07	-13.00	43.07
QPSK, Frequency: 695.5 MHz								
527.54	H	20.72	-54.57	0.00	0.44	-55.01	-13.00	42.01
583.95	V	20.71	-51.00	0.00	0.46	-51.46	-13.00	38.46
1391.000	H	34.69	-68.93	8.19	0.72	-61.46	-13.00	48.46
1391.000	V	37.52	-66.18	8.19	0.72	-58.71	-13.00	45.71
2086.500	H	35.17	-66.74	9.15	0.91	-58.50	-13.00	45.50
2086.500	V	34.69	-67.10	9.15	0.91	-58.86	-13.00	45.86
2782.000	H	39.51	-60.43	9.85	1.05	-51.63	-13.00	38.63
2782.000	V	36.58	-63.25	9.85	1.05	-54.45	-13.00	41.45

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 CR230742218-EXP EUT EXTERNAL PHOTOGRAPHS and CR230742218-INP EUT INTERNAL PHOTOGRAPHS

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR230742218-00F-TSP TEST SETUP PHOTOGRAPHS

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