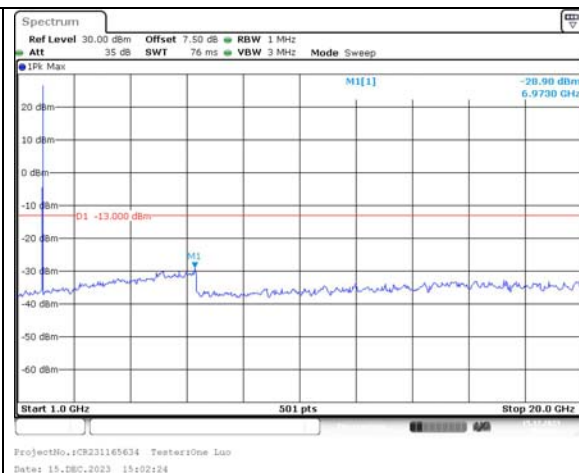
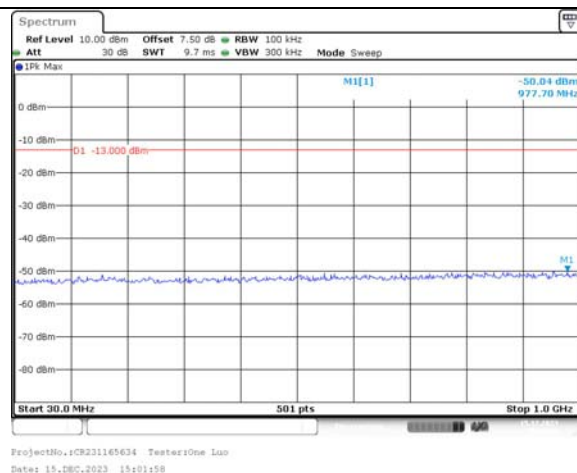


Spurious Emissions at Antenna Terminal

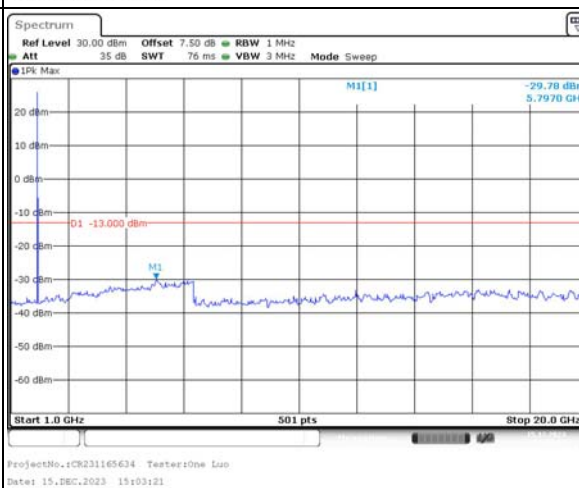
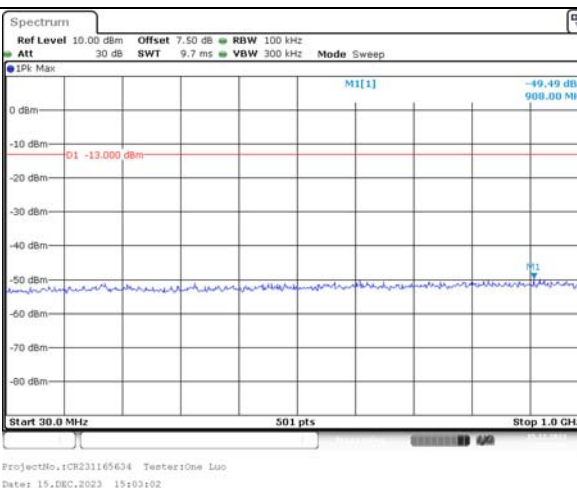
Channel

5MHz Bandwidth QPSK

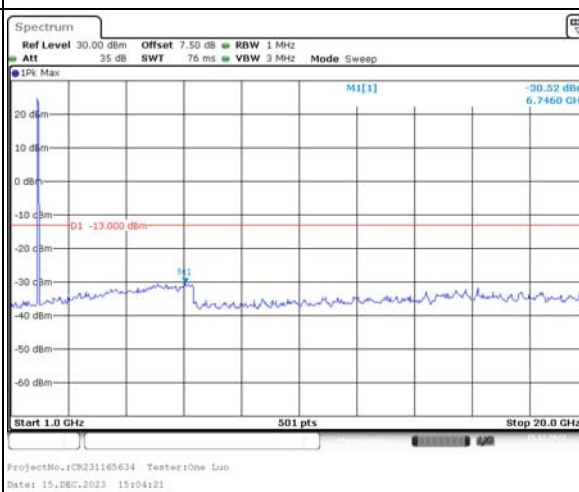
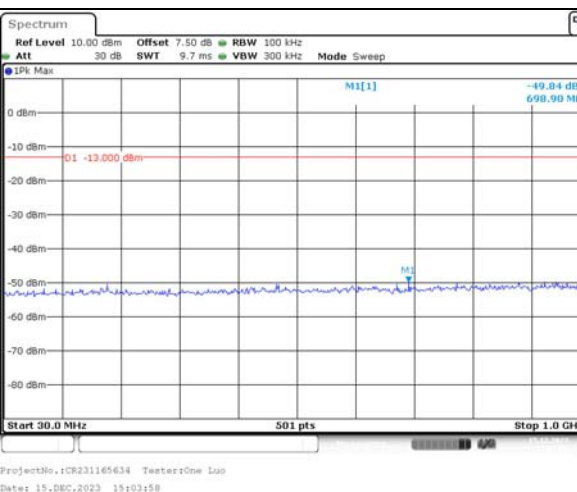
Lowest



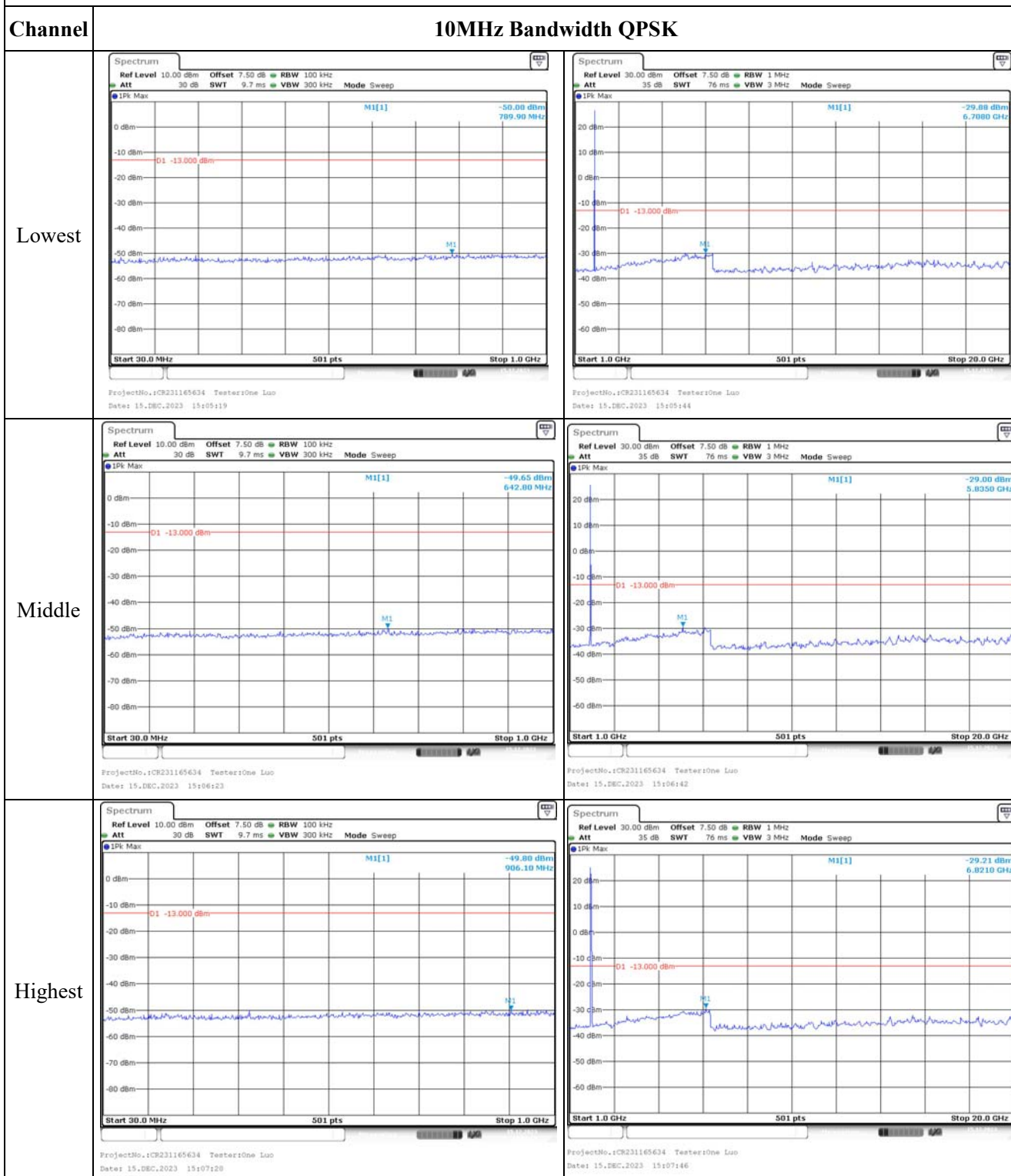
Middle



Highest



Spurious Emissions at Antenna Terminal

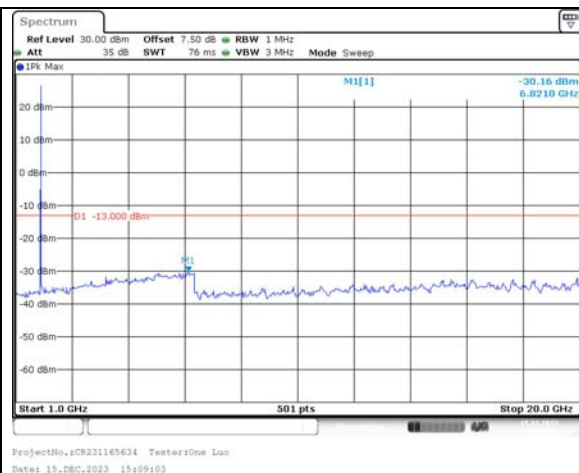
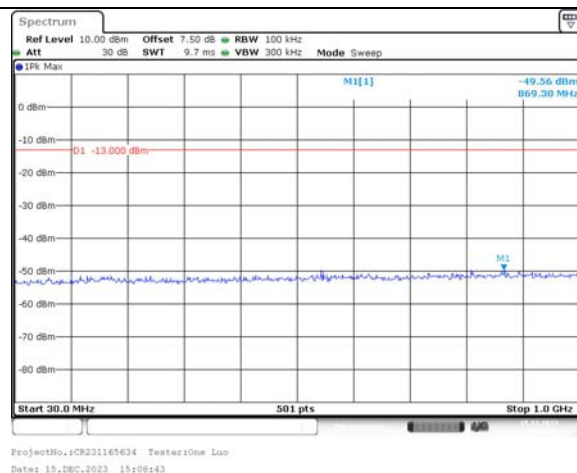


Spurious Emissions at Antenna Terminal

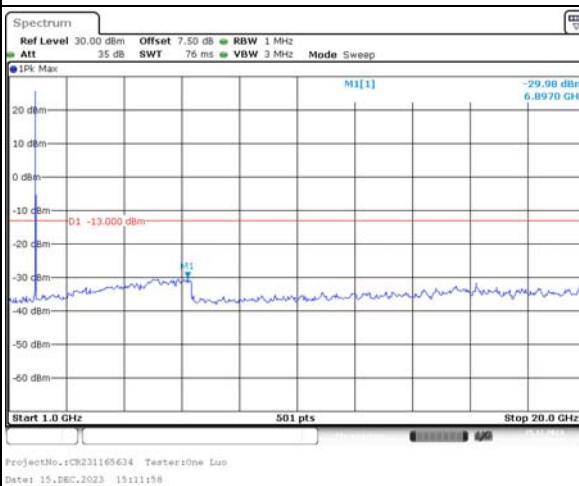
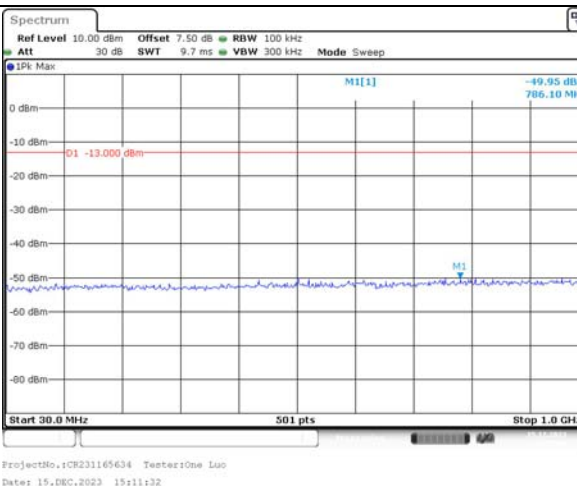
Channel

15MHz Bandwidth QPSK

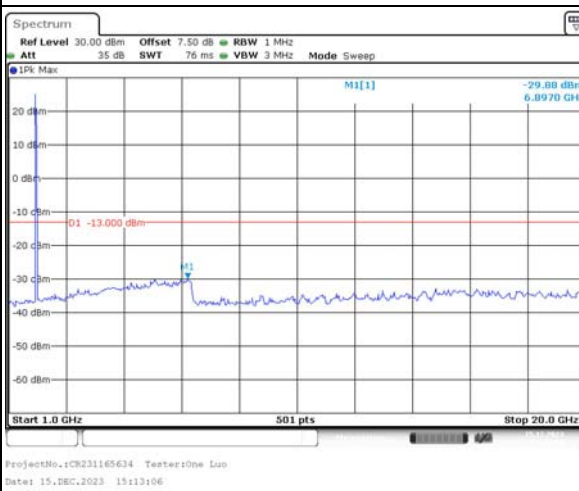
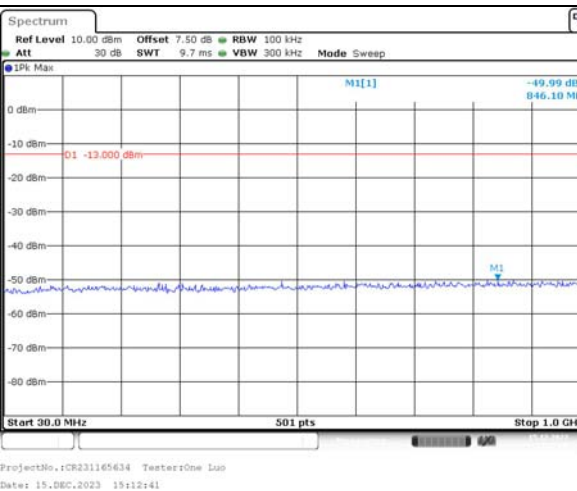
Lowest



Middle



Highest

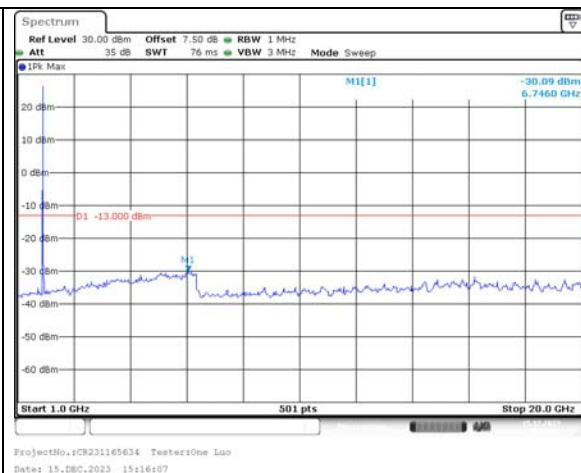
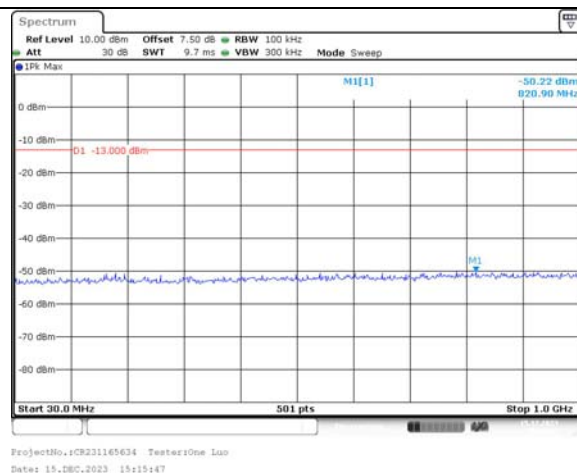


Spurious Emissions at Antenna Terminal

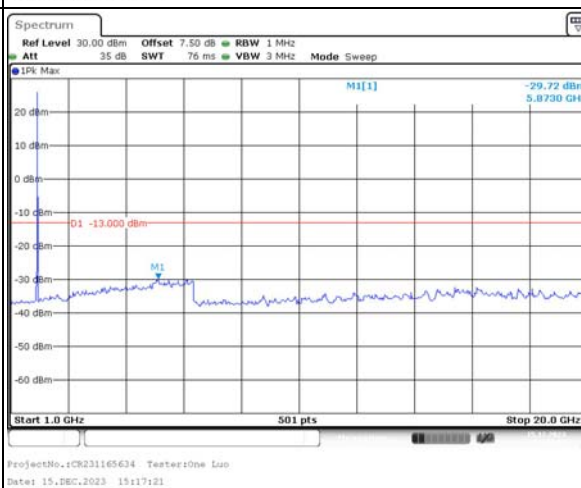
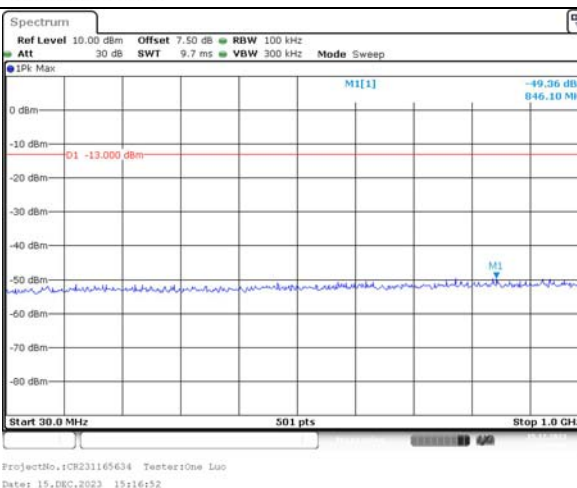
Channel

20MHz Bandwidth QPSK

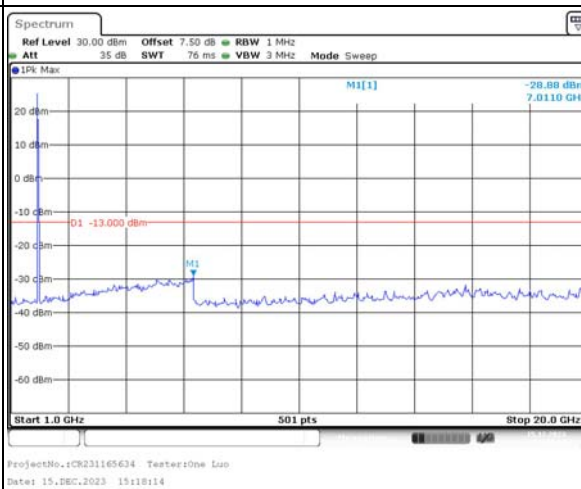
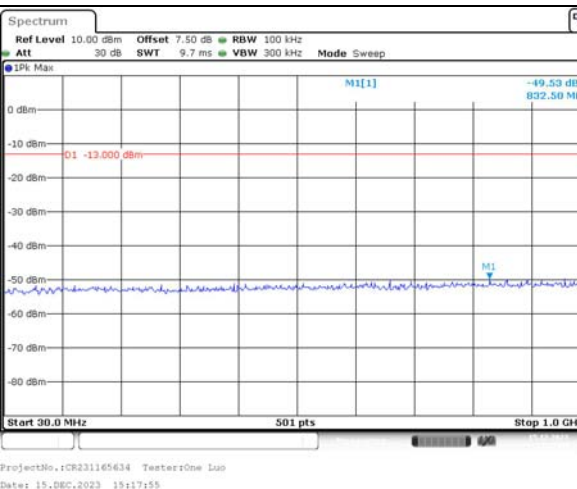
Lowest



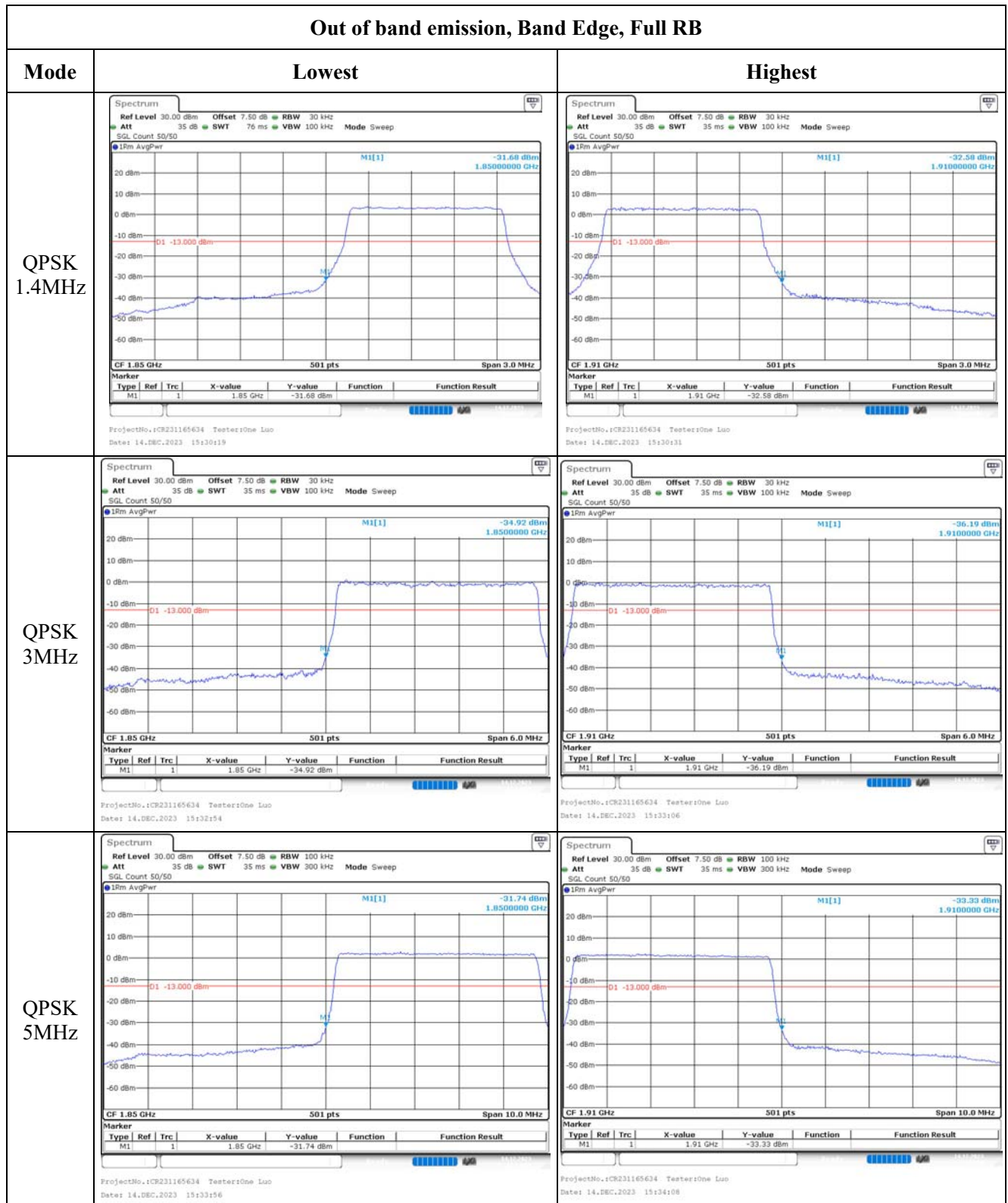
Middle



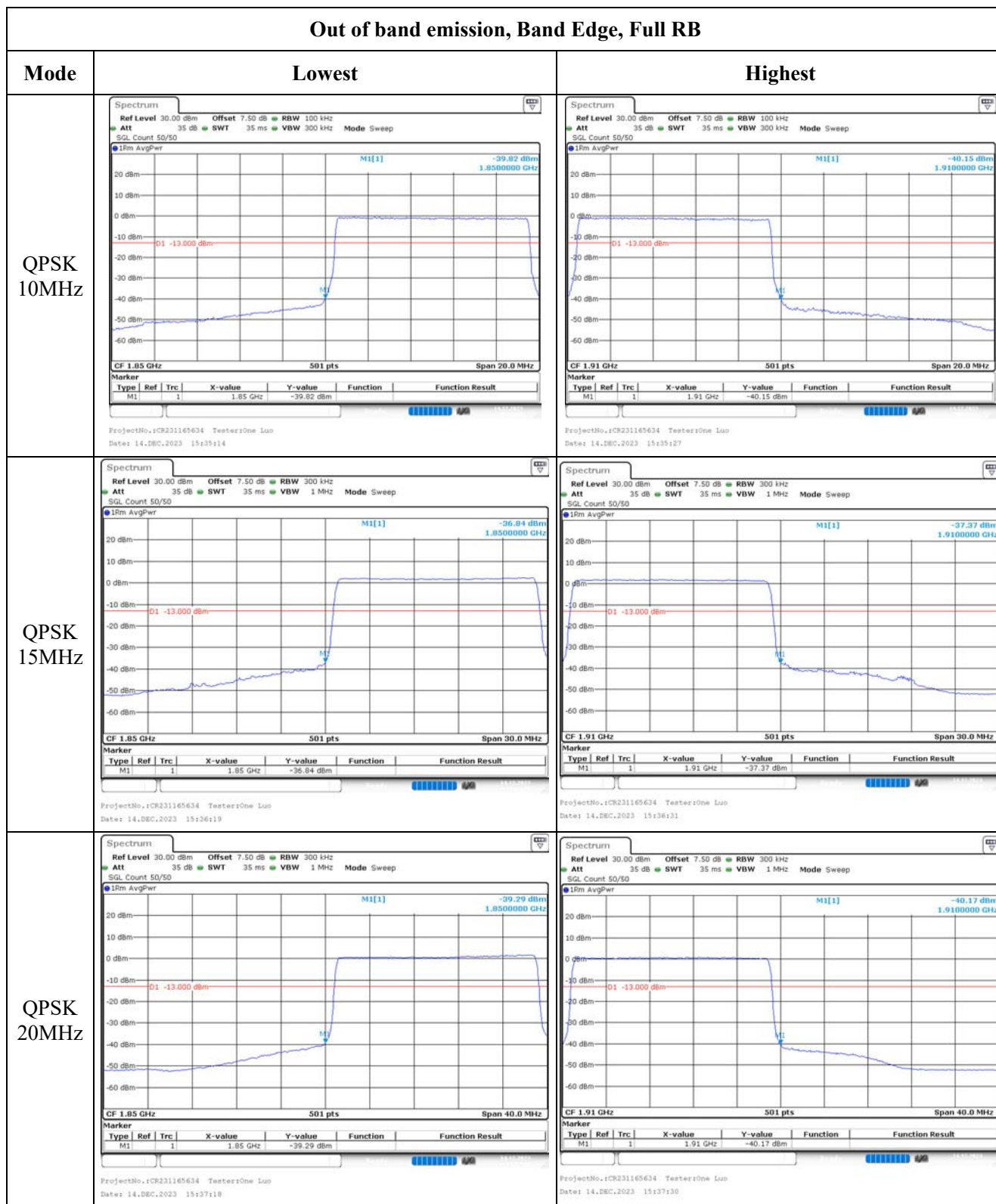
Highest



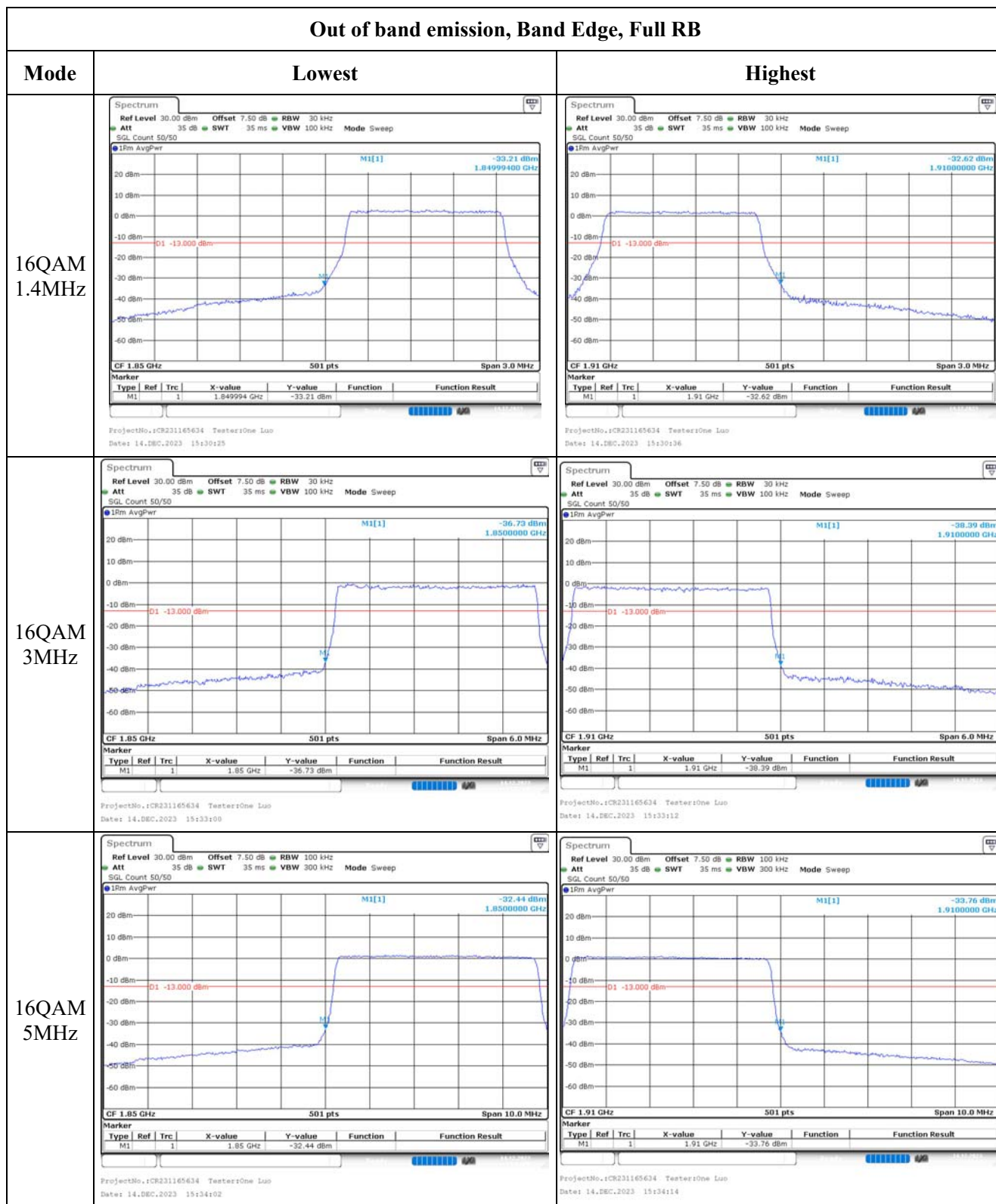
Out of band emission, Band Edge, Full RB



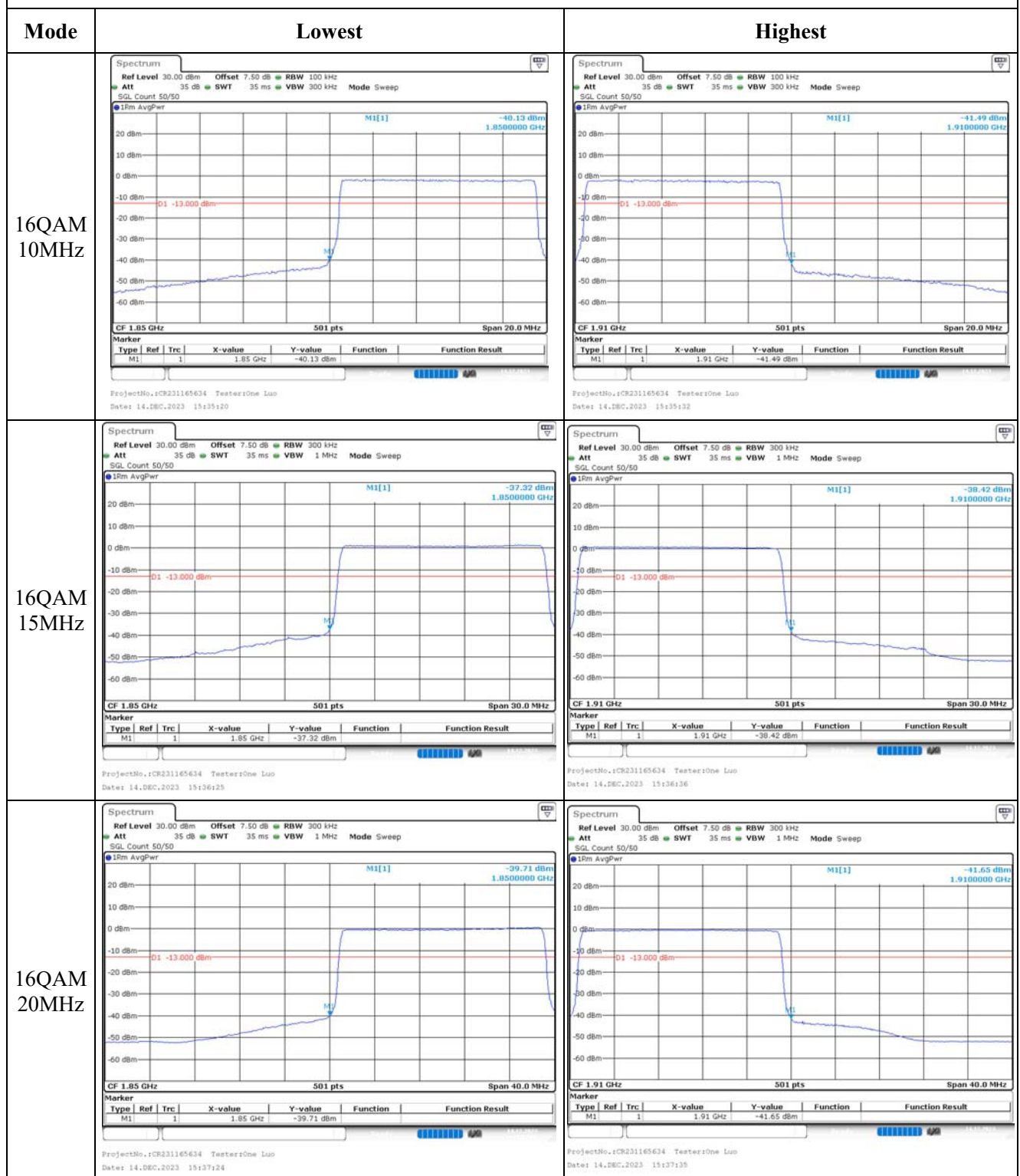
Out of band emission, Band Edge, Full RB



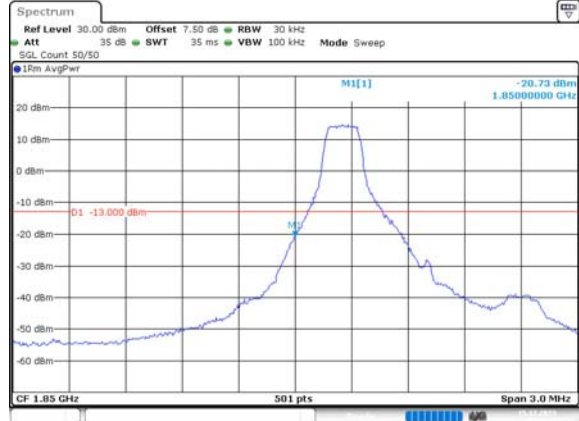
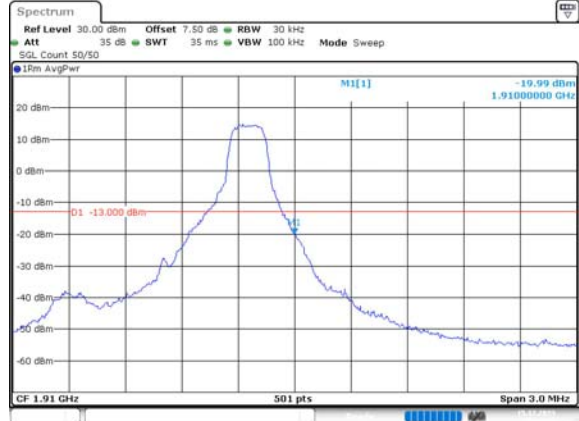
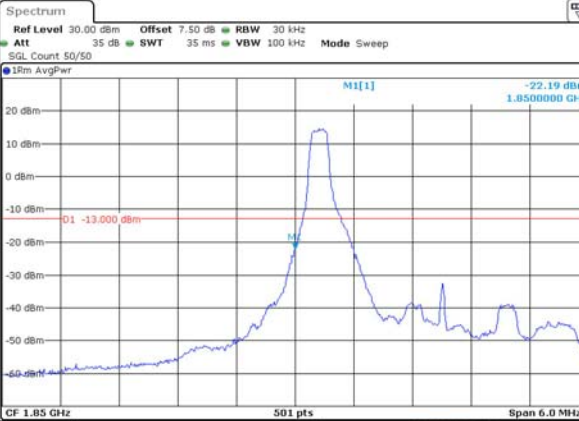
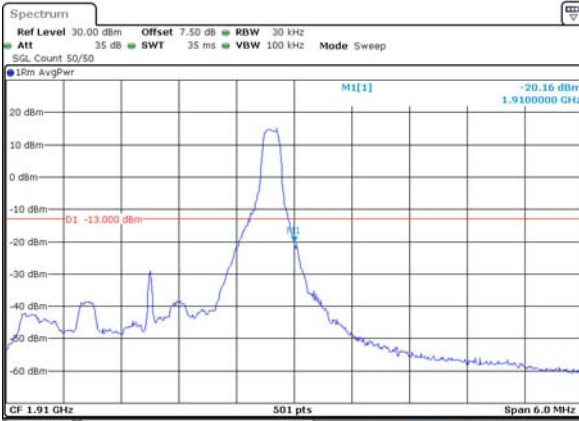
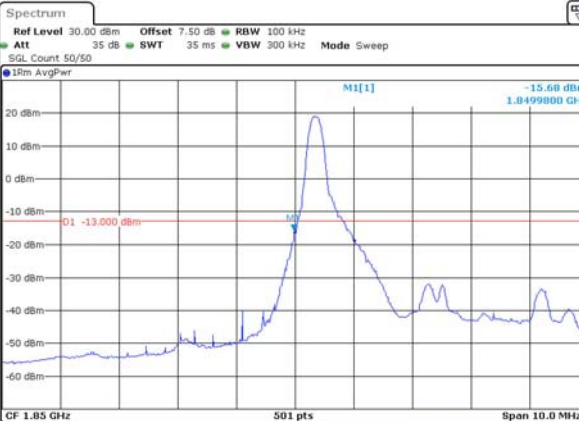
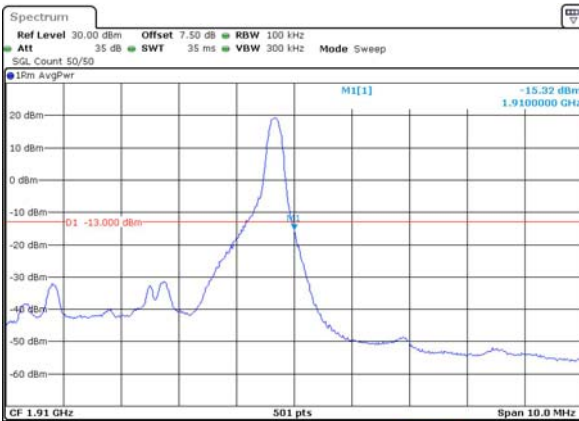
Out of band emission, Band Edge, Full RB



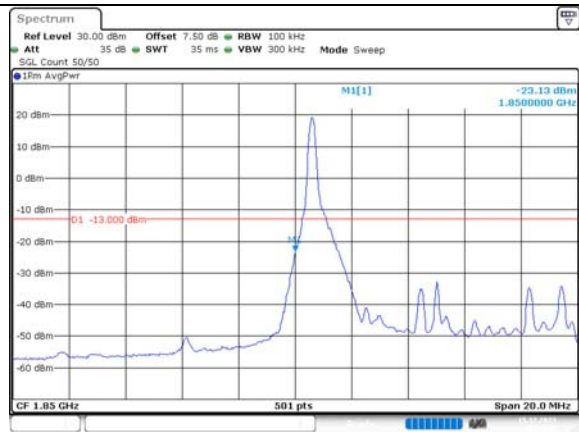
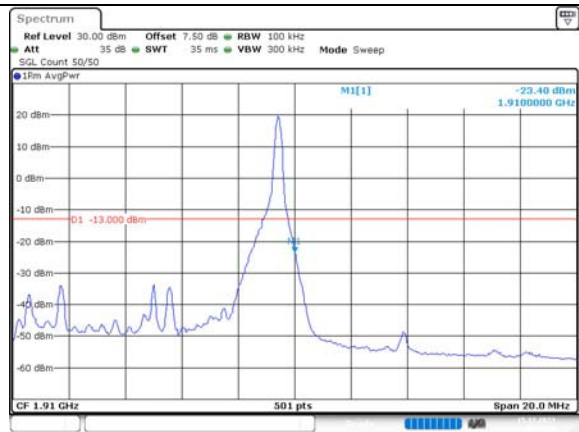
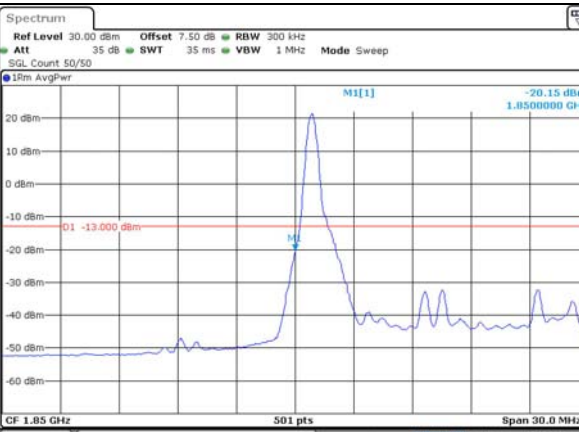
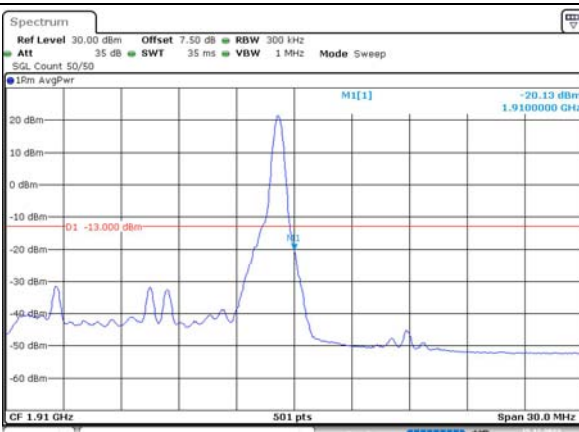
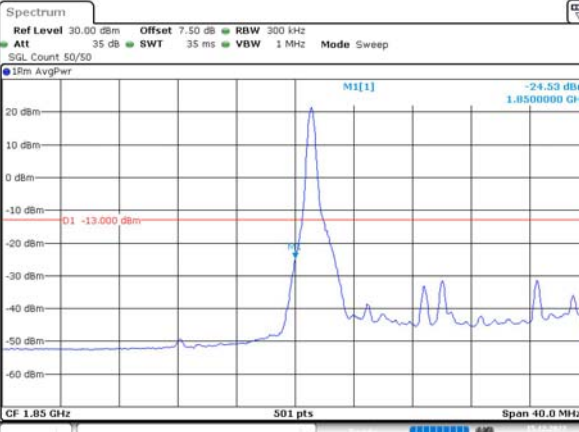
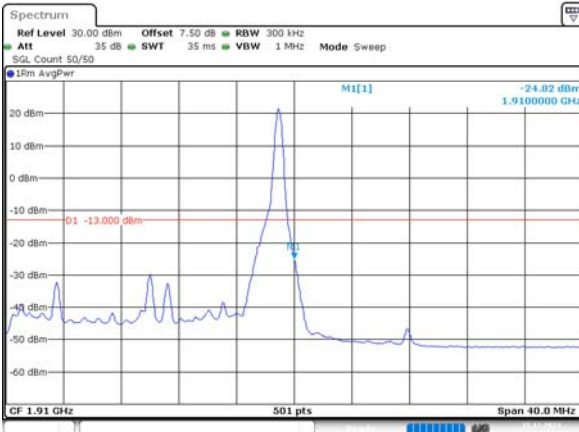
Out of band emission, Band Edge, Full RB



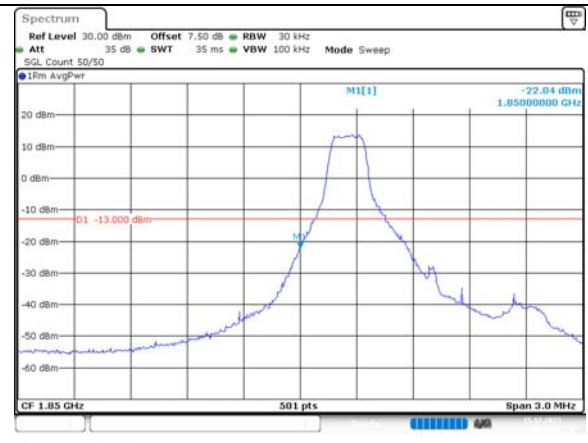
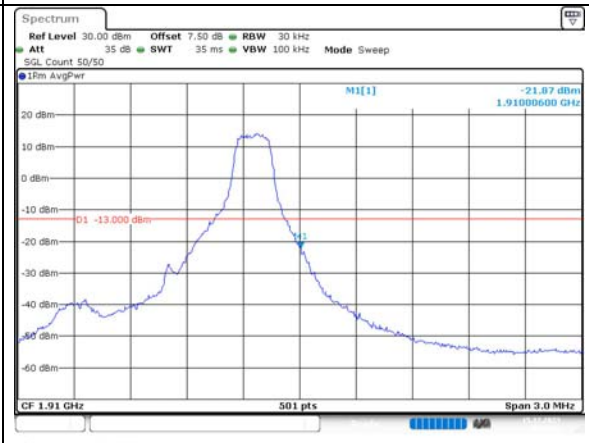
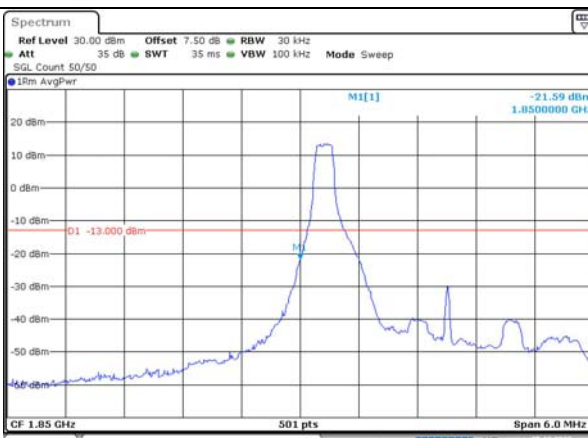
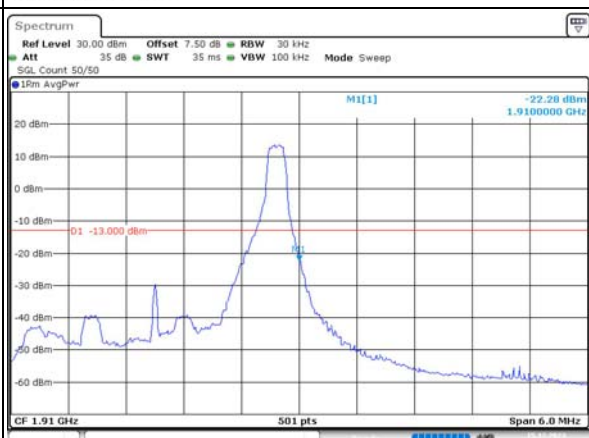
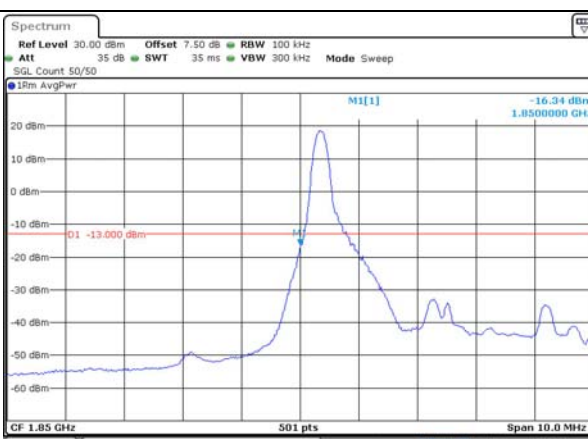
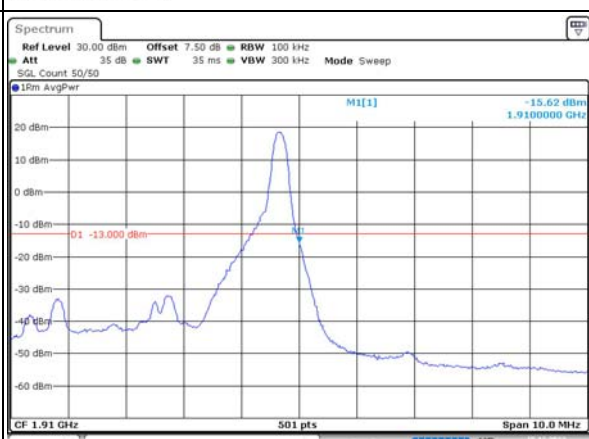
Out of band emission, Band Edge-Minimum RB

Mode	Lowest(1#0)	Highest(1#Max)
QPSK 1.4MHz	 ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 10:29:42	 ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 11:16:23
QPSK 3MHz	 ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 10:31:33	 ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 11:19:53
QPSK 5MHz	 ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 10:33:11	 ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 11:21:25

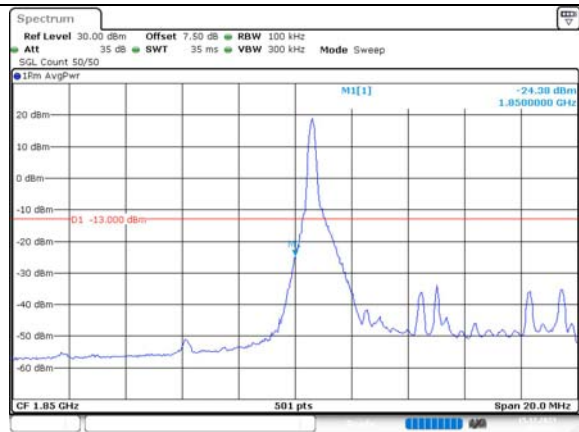
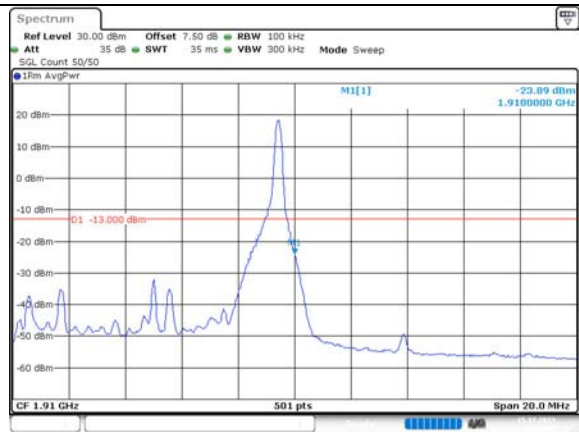
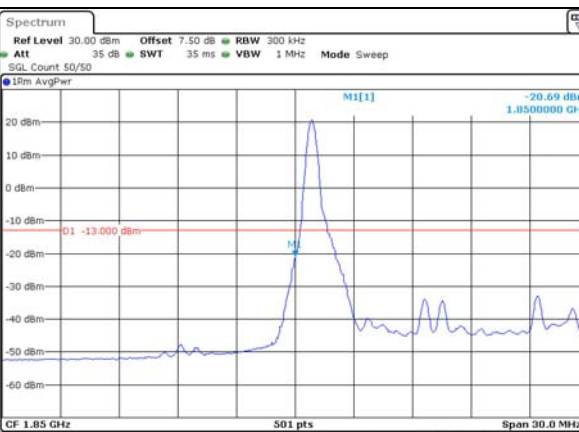
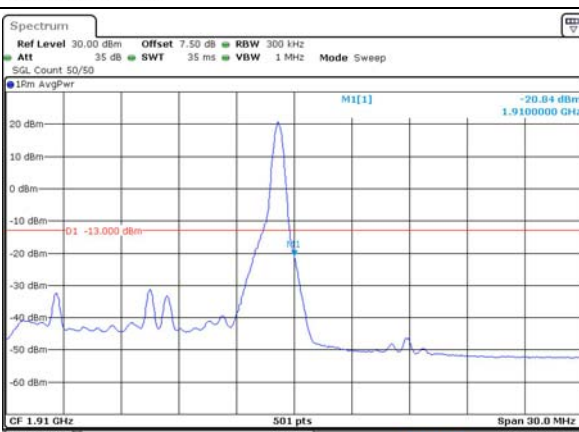
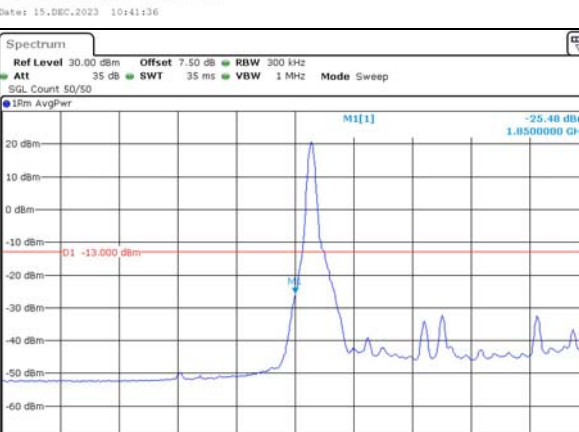
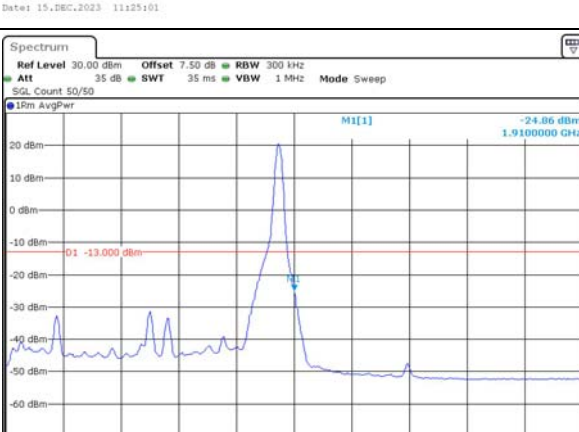
Out of band emission, Band Edge-Minimum RB

Mode	Lowest(1#0)	Highest(1#Max)
QPSK 10MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:39:28	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:23:10
QPSK 15MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:41:22	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:24:39
QPSK 20MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:43:01	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:26:07

Out of band emission, Band Edge-Minimum RB

Mode	Lowest(1#0)	Highest(1#Max)
16QAM 1.4MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:29:55	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:10:36
16QAM 3MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:31:51	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:10:08
16QAM 5MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:34:27	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:21:40

Out of band emission, Band Edge-Minimum RB

Mode	Lowest(1#0)	Highest(1#Max)
16QAM 10MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15 DEC 2023 10:39:53	 ProjectNo.:CR231165634 TestersOne Luo Date: 15 DEC 2023 11:23:35
16QAM 15MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15 DEC 2023 10:41:36	 ProjectNo.:CR231165634 TestersOne Luo Date: 15 DEC 2023 11:25:01
16QAM 20MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15 DEC 2023 10:49:39	 ProjectNo.:CR231165634 TestersOne Luo Date: 15 DEC 2023 11:26:19

4.7 Antenna Port Test Data and Results for LTE Band 4

Serial Number:	2BD2-1	Test Date:	2023/12/13~2024/1/8
Test Site:	RF	Test Mode:	Transmitting
Tester:	One Luo	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.5~25.6	Relative Humidity: (%)	45~49	ATM Pressure: (kPa)	101.2~101.4
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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	2023/9/29	2024/9/28
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)
1.4MHz	1710.7	1732.5	1754.3
3MHz	1711.5	1732.5	1753.5
5MHz	1712.5	1732.5	1752.5
10MHz	1715	1732.5	1750
15MHz	1717.5	1732.5	1747.5
20MHz	1720	1732.5	1745

Test Data:

RF Output Power						
Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
1.4MHz QPSK	RB1#0	22.01	22.01	21.92	15.75	30
	RB1#3	22.08	22.03	21.89		
	RB1#5	22.06	22.06	21.91		
	RB3#0	22.15	22.09	22.03		
	RB3#3	22.14	22.09	22.04		
	RB6#0	21.19	21.06	20.99		
1.4MHz 16QAM	RB1#0	21.29	21.05	21.04	14.89	30
	RB1#3	21.28	21.07	21.08		
	RB1#5	21.28	21.1	21.03		
	RB3#0	21.11	21.11	21.12		
	RB3#3	21.11	21.09	21.13		
	RB6#0	20.18	19.94	19.98		
1.4MHz 64QAM	RB1#0	20.79	21.25	20.95	14.85	30
	RB1#3	20.6	21.06	21.09		
	RB1#5	20.58	20.71	20.82		
	RB3#0	20.52	20.88	21.07		
	RB3#3	20.51	20.98	21.02		
	RB6#0	20.4	20.36	20.67		
3MHz QPSK	RB1#0	21.97	22.08	22.04	15.68	30
	RB1#8	21.93	22.03	22.03		
	RB1#14	21.95	22.05	22.05		
	RB6#0	21.13	21.08	21		
	RB6#9	21.11	21.05	21.01		
	RB15#0	21.11	21.08	20.97		
3MHz 16QAM	RB1#0	21.32	21.16	21.48	15.09	30
	RB1#8	21.17	21.09	21.49		
	RB1#14	21.18	21.14	21.48		
	RB6#0	20.22	19.99	20.07		
	RB6#9	20.12	19.98	20.04		
	RB15#0	20	20.05	20.07		
3MHz 64QAM	RB1#0	20.87	20.96	21.29	14.89	30
	RB1#8	20.72	21.1	20.75		
	RB1#14	20.7	20.87	21.06		
	RB6#0	20.6	21.03	20.68		
	RB6#9	20.43	20.63	20.5		
	RB15#0	20.26	20.42	20.82		

5MHz QPSK	RB1#0	22.32	22.17	22.07	15.93	30
	RB1#13	22.27	22.1	22.03		
	RB1#24	22.33	22.16	22.11		
	RB15#0	21.12	21.08	21		
	RB15#10	21.09	21.06	20.93		
	RB25#0	21.07	21.06	20.99		
5MHz 16QAM	RB1#0	21.05	21.44	21.05	15.04	30
	RB1#13	20.97	21.38	20.99		
	RB1#24	21.06	21.42	21.08		
	RB15#0	20.15	20.06	20.02		
	RB15#10	20.13	20.03	19.93		
	RB25#0	20.16	20.05	19.93		
5MHz 64QAM	RB1#0	20.08	20.59	20.48	14.19	30
	RB1#13	20.01	20.48	20.3		
	RB1#24	19.92	20.14	20.06		
	RB15#0	19.86	20.23	20.14		
	RB15#10	19.73	19.74	19.93		
	RB25#0	19.55	19.52	20.11		
10MHz QPSK	RB1#0	22.13	22.12	22.31	15.91	30
	RB1#25	22.12	22.09	22		
	RB1#49	22.15	22.11	22.12		
	RB25#0	21.06	21.08	21.06		
	RB25#25	21.09	21.08	21.02		
	RB50#0	21.11	21.09	21		
10MHz 16QAM	RB1#0	21.67	21.29	21.64	15.27	30
	RB1#25	21.6	21.26	21.52		
	RB1#49	21.66	21.3	21.57		
	RB25#0	20.12	20.09	20.05		
	RB25#25	20.18	20.07	20.06		
	RB50#0	20.1	20.13	19.99		
10MHz 64QAM	RB1#0	19.93	20.09	20.12	13.91	30
	RB1#25	19.90	20.31	20.02		
	RB1#49	19.88	20.25	19.96		
	RB25#0	19.81	20.17	20.02		
	RB25#25	19.61	19.73	19.76		
	RB50#0	19.52	19.59	19.76		
15MHz QPSK	RB1#0	22.17	22.14	22.07	15.77	30
	RB1#38	22.03	22.09	21.96		
	RB1#74	22.04	22.13	22		
	RB36#0	21.1	21.05	21.12		
	RB36#39	21.1	21.12	21.05		
	RB75#0	21.15	21.11	21.09		

15MHz 16QAM	RB1#0	21.69	21.31	21.54	15.29	30
	RB1#38	21.61	21.25	21.42		
	RB1#74	21.69	21.3	21.46		
	RB36#0	20.11	20.09	20.08		
	RB36#39	20.16	20.1	19.98		
	RB75#0	20.13	20.1	20.01		
15MHz 64QAM	RB1#0	20.82	20.83	20.94	14.67	30
	RB1#38	20.72	20.88	20.85		
	RB1#74	20.59	20.75	21.07		
	RB36#0	20.47	20.71	21.02		
	RB36#39	20.45	20.41	20.57		
	RB75#0	20.42	20.86	20.92		
20MHz QPSK	RB1#0	22.14	22.22	22.16	15.83	30
	RB1#50	22.06	22.12	22.05		
	RB1#99	22.19	22.23	22.12		
	RB50#0	21.15	21.13	21.09		
	RB50#50	21.17	21.18	21.11		
	RB100#0	21.15	21.18	21.07		
20MHz 16QAM	RB1#0	21.51	21.4	21.81	15.41	30
	RB1#50	21.38	21.35	21.71		
	RB1#99	21.55	21.43	21.8		
	RB50#0	20.09	20.1	20.04		
	RB50#50	20.09	20.1	20.03		
	RB100#0	20.12	20.11	20		
20MHz 64QAM	RB1#0	20.71	20.87	21.15	14.75	30
	RB1#50	20.7	20.7	21.04		
	RB1#99	20.66	20.71	21.15		
	RB50#0	20.55	20.94	21.13		
	RB50#50	20.54	20.85	20.76		
	RB100#0	20.49	20.71	20.59		

Note: EIRP=Conducted Power(dBm) - Lc(dB) + Gr(dBi)

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	4.06	4.23	4.75	13
	RB100#0	4.17	4.23	4.2	13
20MHz 16QAM	RB1#0	4.96	4.96	5.62	13
	RB100#0	5.88	5.94	5.91	13
				Result:	Pass

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
1.4MHz QPSK	1.102	1.108	1.102	1.314	1.29	1.296
1.4MHz 16QAM	1.096	1.096	1.102	1.29	1.302	1.326
1.4MHz 64QAM	/	1.098	/	/	1.329	/
3MHz QPSK	2.695	2.695	2.695	2.916	2.904	2.904
3MHz 16QAM	2.683	2.683	2.683	2.916	2.916	2.928
3MHz 64QAM	/	2.683	/	/	2.926	/
5MHz QPSK	4.511	4.491	4.511	4.98	5.08	4.98
5MHz 16QAM	4.531	4.531	4.491	4.96	5	4.92
5MHz 64QAM	/	4.486	/	/	4.978	/
10MHz QPSK	8.942	8.942	8.942	9.72	9.64	9.68
10MHz 16QAM	8.942	8.942	8.942	9.56	9.72	9.68
10MHz 64QAM	/	8.944	/	/	9.638	/
15MHz QPSK	13.473	13.473	13.473	14.76	14.88	14.88
15MHz 16QAM	13.473	13.533	13.473	14.82	14.88	14.82
15MHz 64QAM	/	13.502	/	/	15.34	/
20MHz QPSK	17.964	17.964	17.964	19.28	19.36	19.6
20MHz 16QAM	17.964	17.964	17.964	19.36	19.36	19.6
20MHz 64QAM	/	17.887	/	/	19.392	/
Note: The test plots please refer to the Plots of Occupied Bandwidth 64QAM only test with middle channel.						

Spurious Emissions at Antenna Terminal	
Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.

Out of band emission, Band Edge	
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.

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	3.91	1711.028	1710.00	1754.007	1755
	-20	3.91	1711.029	1710.00	1754.019	1755
	-10	3.91	1711.095	1710.00	1754.027	1755
	0	3.91	1711.041	1710.00	1754.007	1755
	10	3.91	1711.033	1710.00	1754.040	1755
	20	3.91	1711.058	1710.00	1754.022	1755
	30	3.91	1711.094	1710.00	1754.082	1755
	40	3.91	1711.093	1710.00	1754.029	1755
	50	3.91	1711.002	1710.00	1754.053	1755
Frequency Stability vs. Voltage	20	3.45	1711.061	1710.00	1754.030	1755
	20	4.5	1711.055	1710.00	1754.085	1755
					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	3.91	1711.018	1710.00	1754.079	1755
	-20	3.91	1711.048	1710.00	1754.016	1755
	-10	3.91	1711.030	1710.00	1754.017	1755
	0	3.91	1711.066	1710.00	1754.097	1755
	10	3.91	1711.061	1710.00	1754.040	1755
	20	3.91	1711.058	1710.00	1754.022	1755
	30	3.91	1711.015	1710.00	1754.048	1755
	40	3.91	1711.064	1710.00	1754.023	1755
	50	3.91	1711.060	1710.00	1754.097	1755
Frequency Stability vs. Voltage	20	3.45	1711.010	1710.00	1754.013	1755
	20	4.5	1711.018	1710.00	1754.029	1755
					Result:	Pass

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

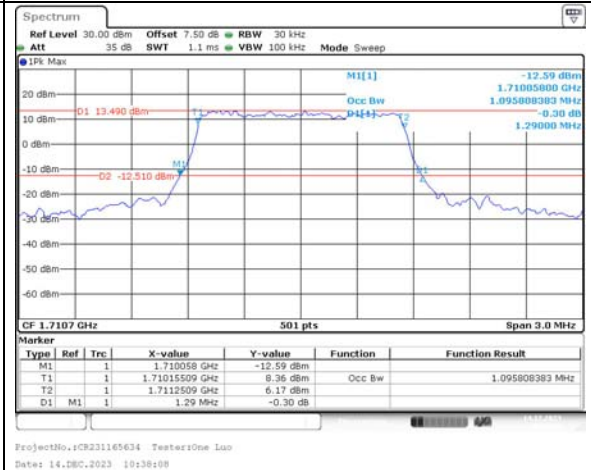
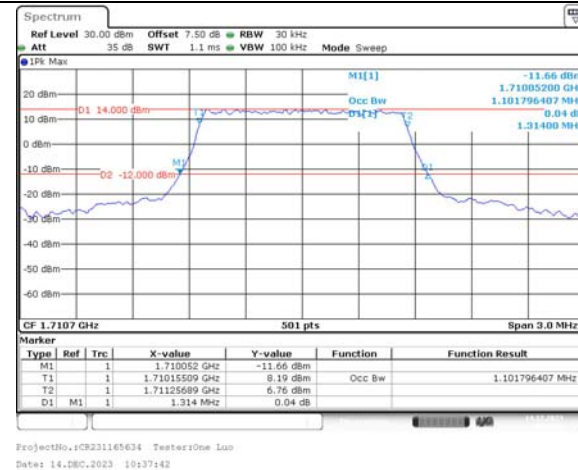
Occupied Bandwidth

Channel

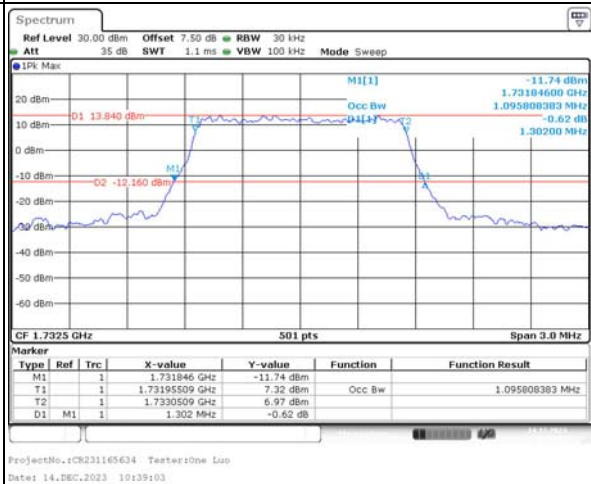
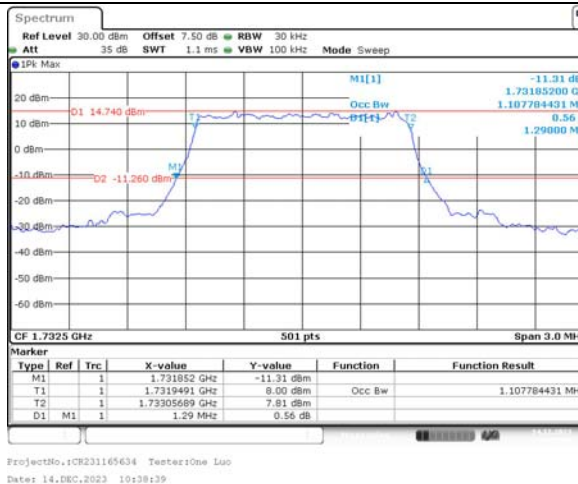
1.4MHz Bandwidth QPSK

1.4MHz Bandwidth 16QAM

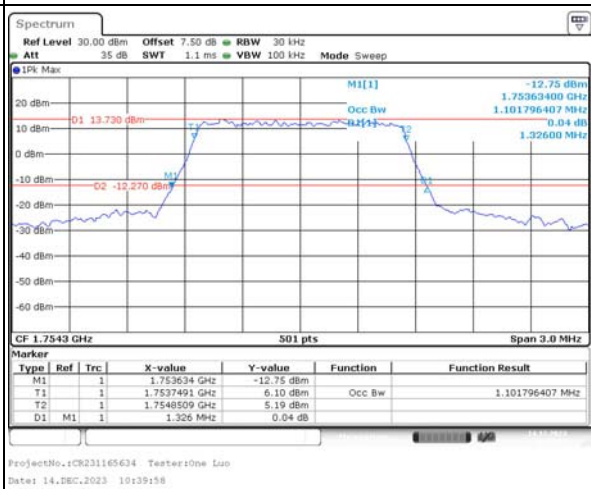
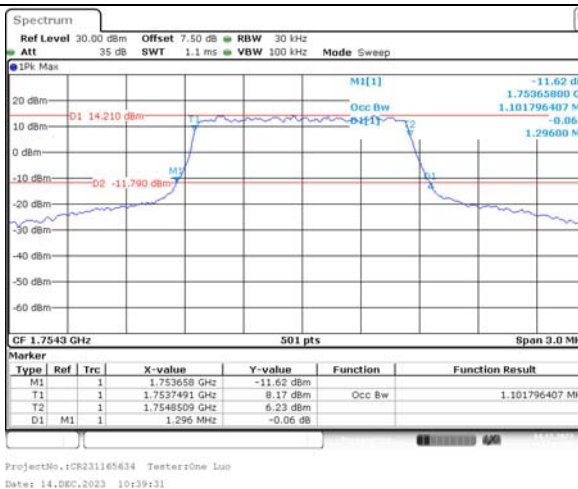
Lowest



Middle



Highest



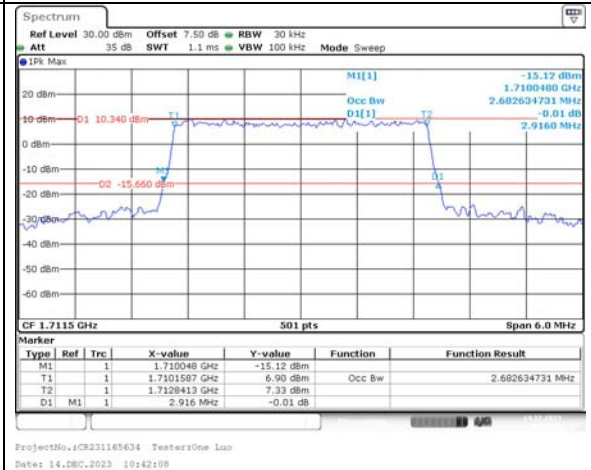
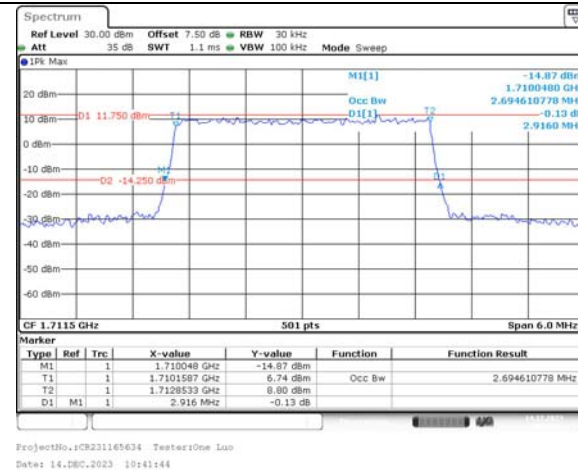
Occupied Bandwidth

Channel

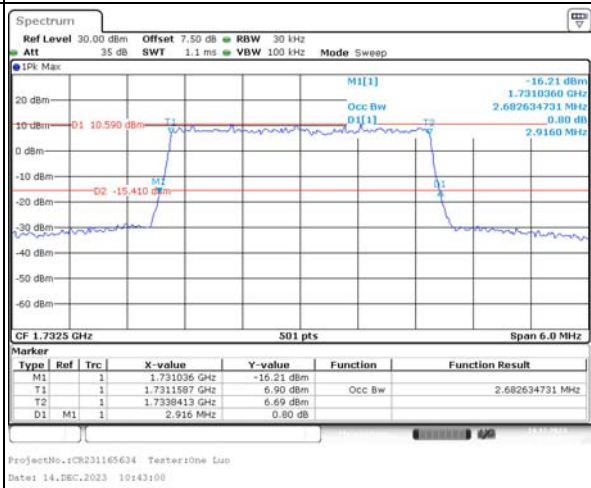
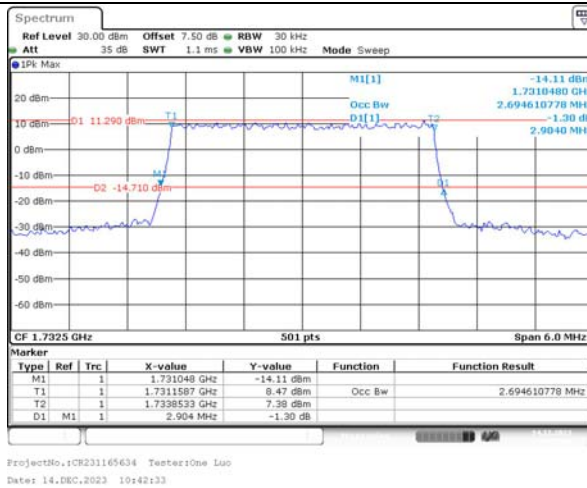
3MHz Bandwidth QPSK

3MHz Bandwidth 16QAM

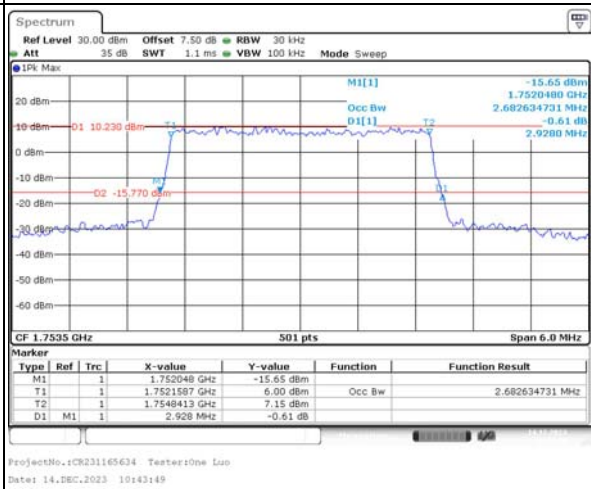
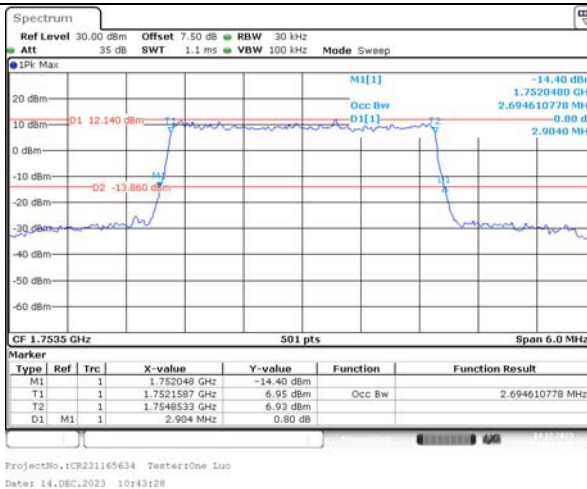
Lowest



Middle



Highest



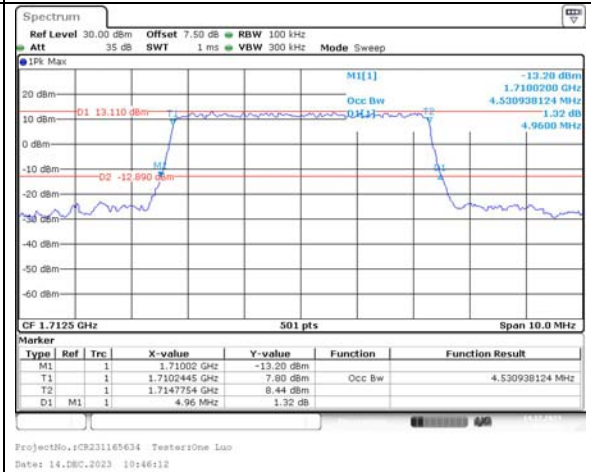
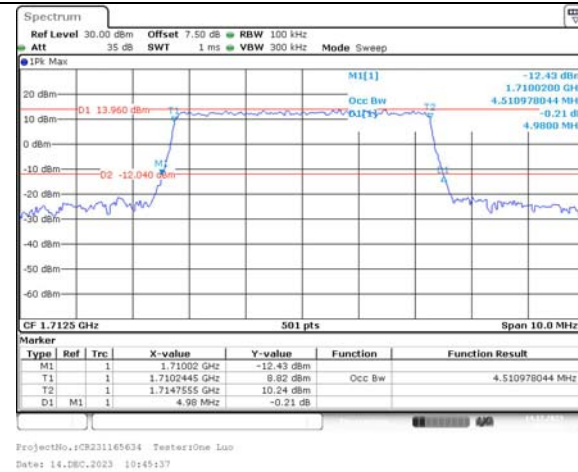
Occupied Bandwidth

Channel

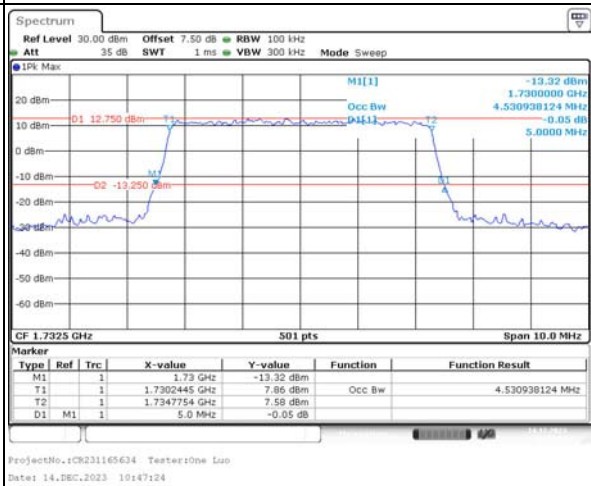
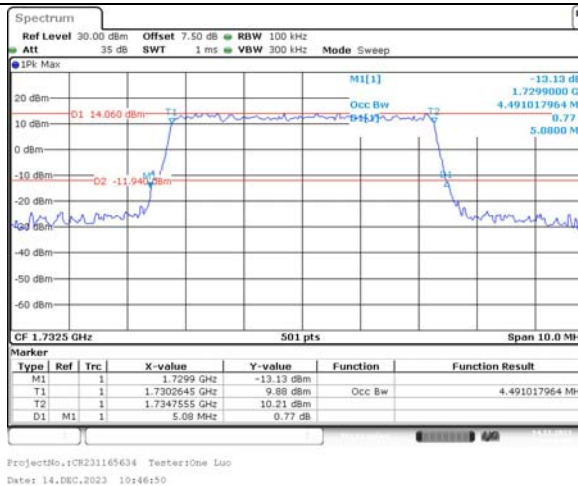
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

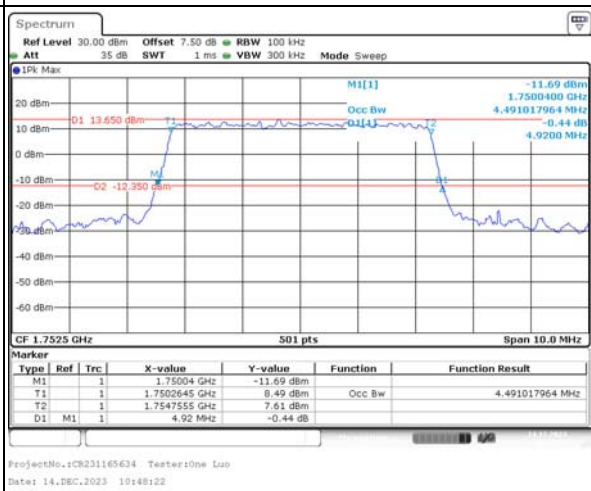
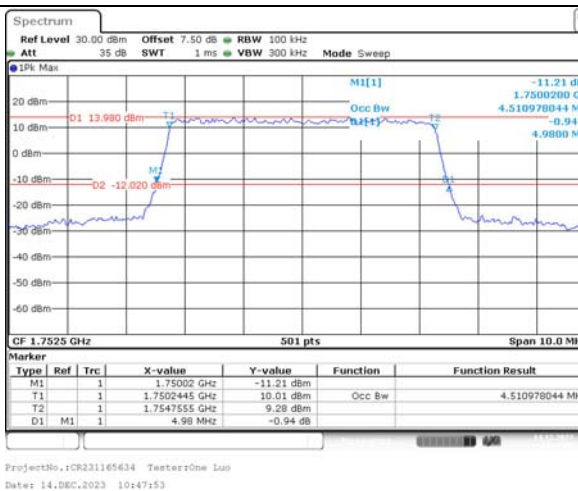
Lowest



Middle



Highest



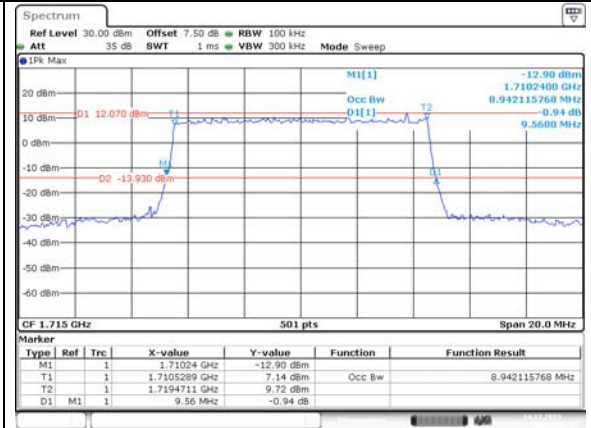
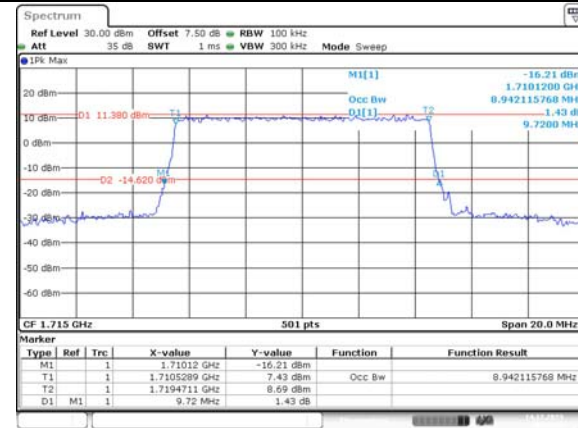
Occupied Bandwidth

Channel

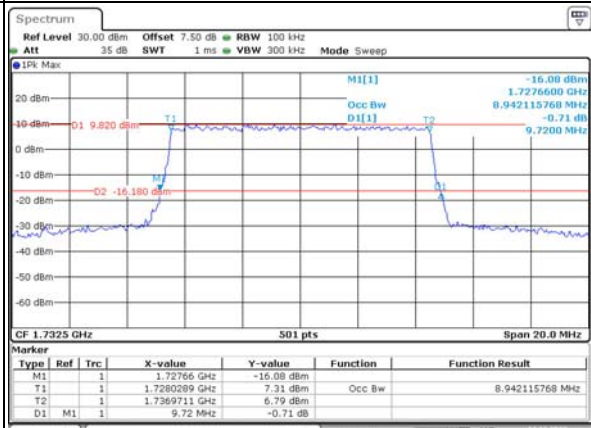
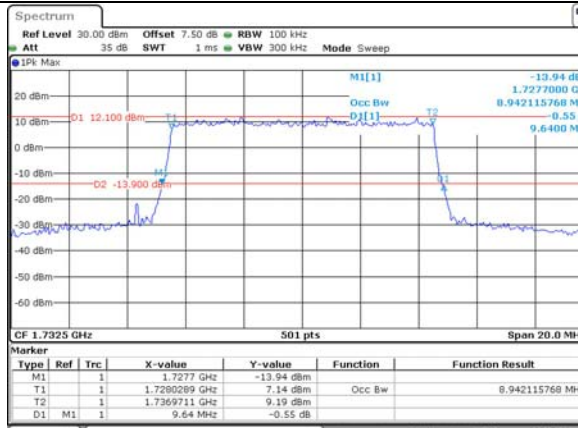
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

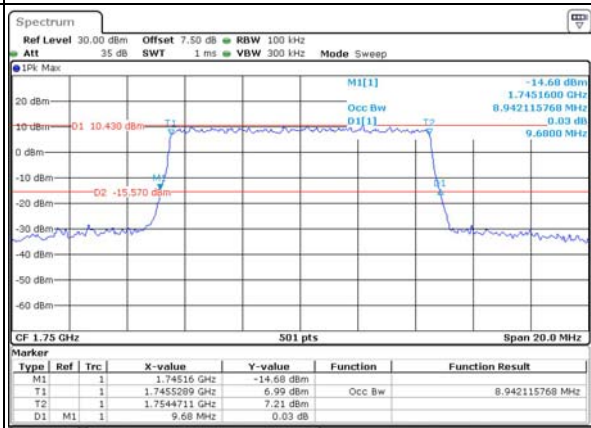
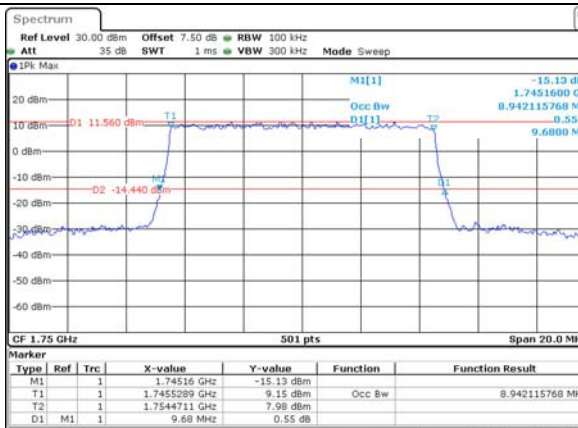
Lowest



Middle



Highest



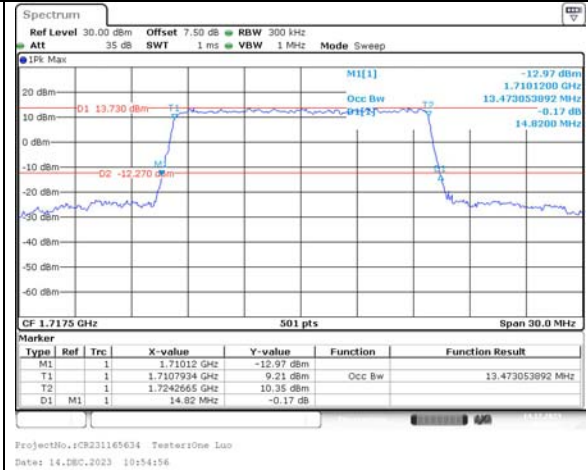
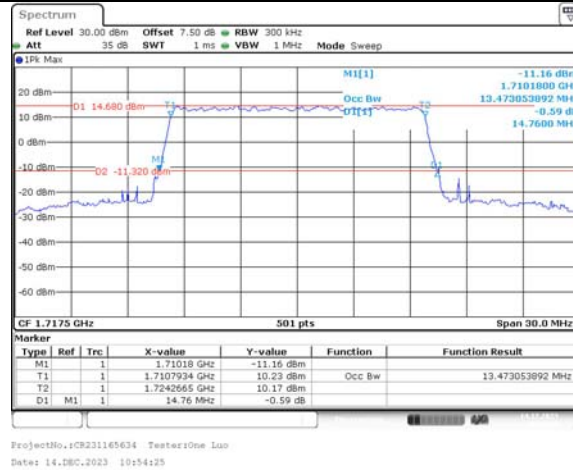
Occupied Bandwidth

Channel

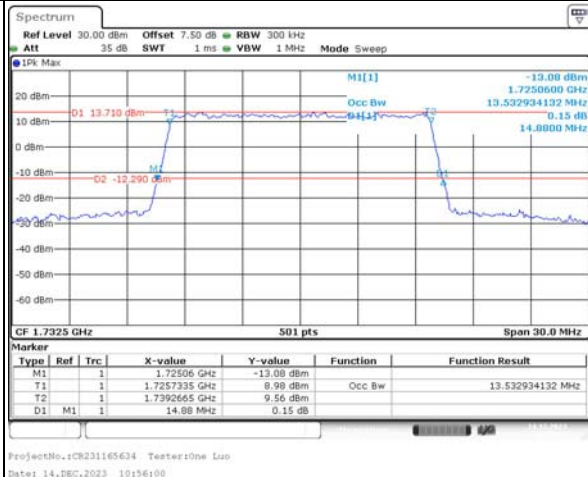
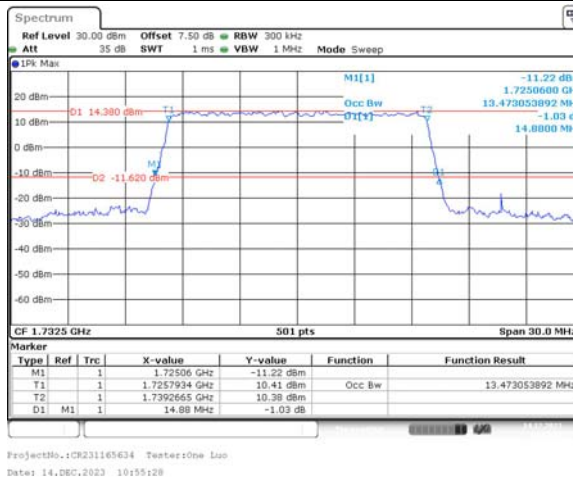
15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

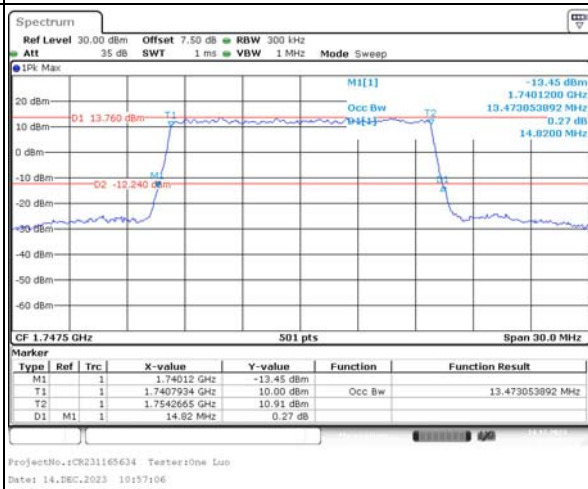
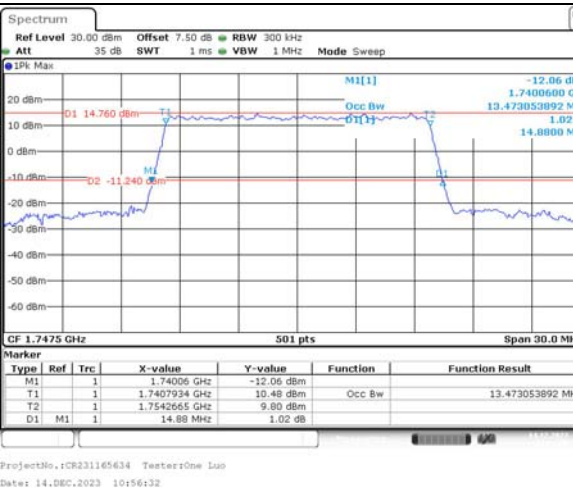
Lowest



Middle



Highest



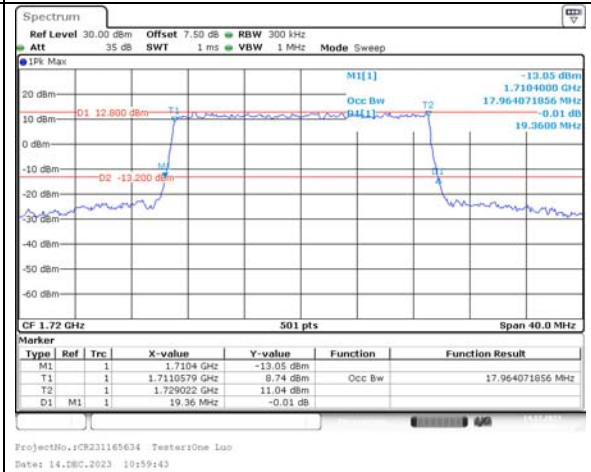
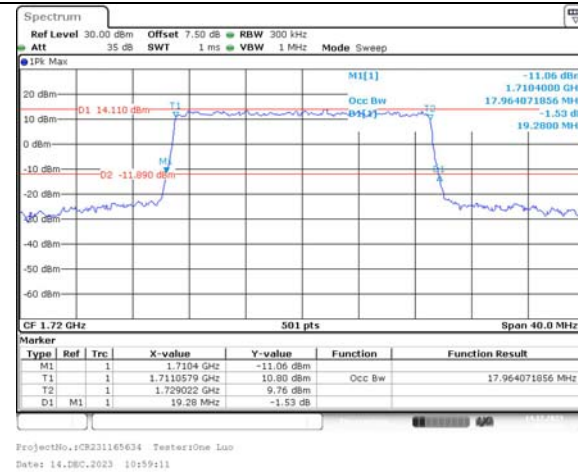
Occupied Bandwidth

Channel

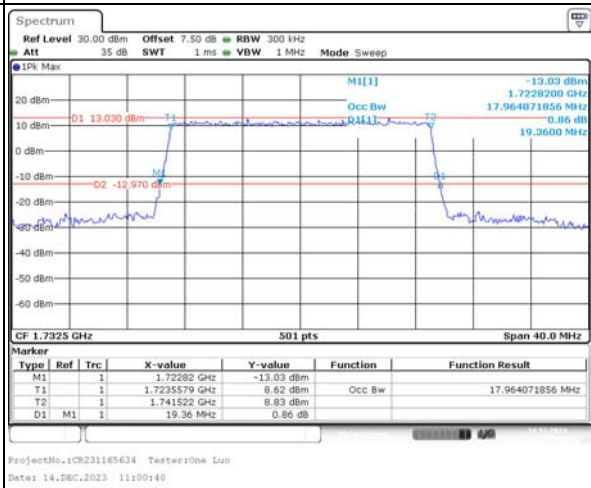
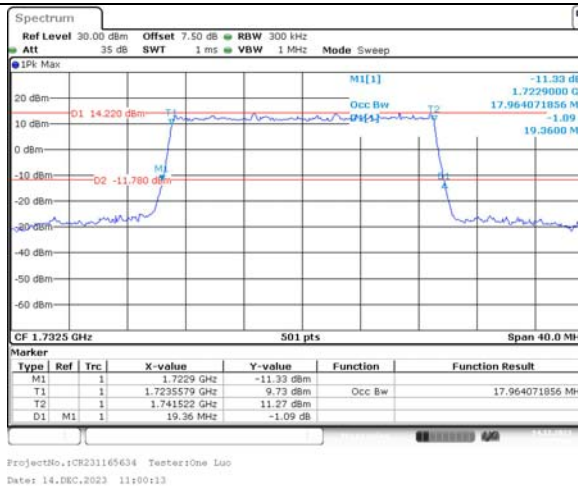
20MHz Bandwidth QPSK

20MHz Bandwidth 16QAM

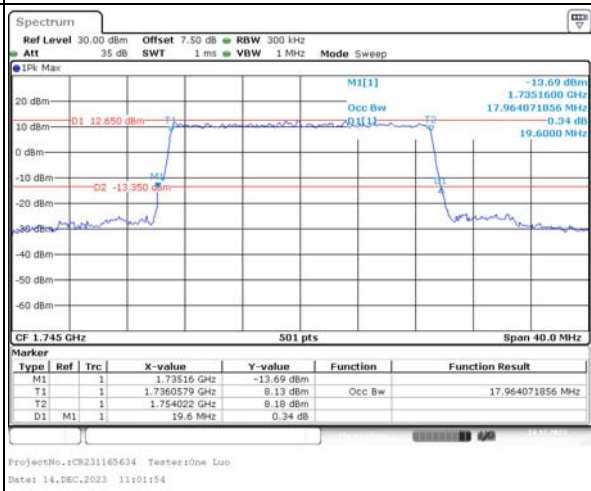
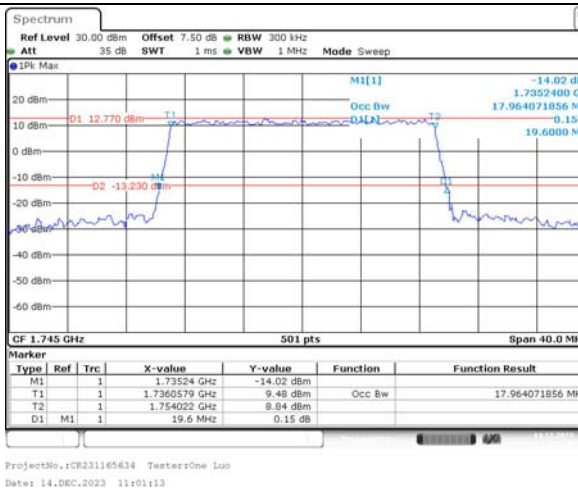
Lowest



Middle



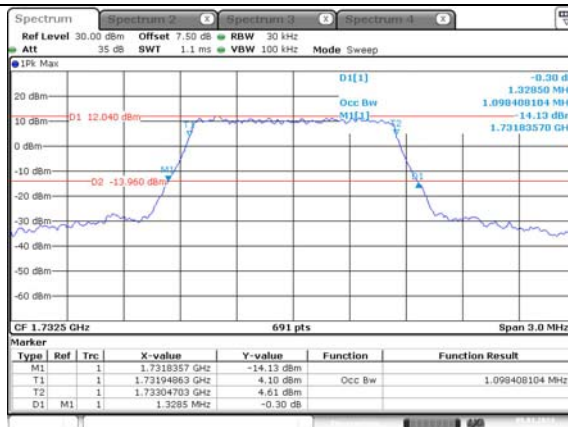
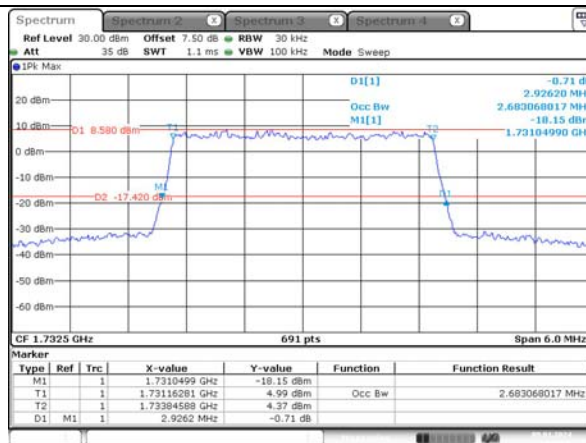
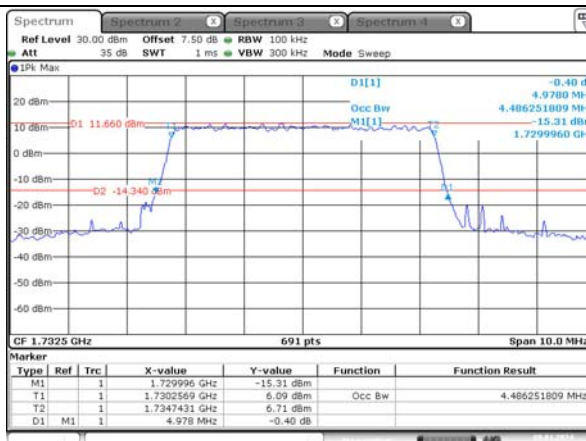
Highest



Occupied Bandwidth

Channel

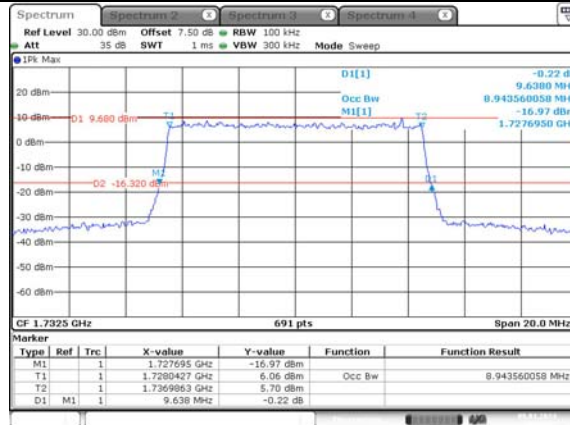
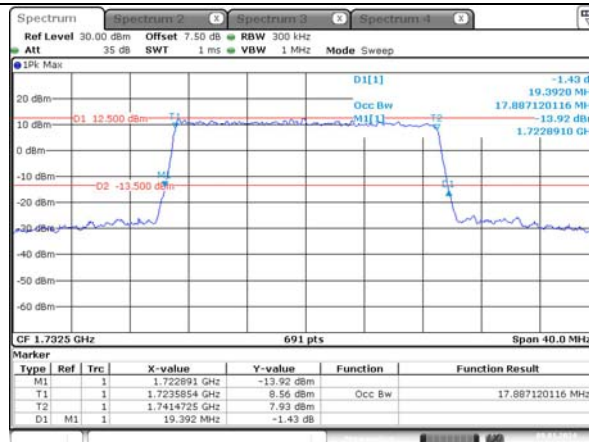
Middle

1.4MHz
Bandwidth
64QAMProjectNo.:CR231165634 TestersOne Luo
Date: 8.JAN.2024 13:37:053MHz
Bandwidth
64QAMProjectNo.:CR231165634 TestersOne Luo
Date: 8.JAN.2024 13:34:495MHz
Bandwidth
64QAMProjectNo.:CR231165634 TestersOne Luo
Date: 8.JAN.2024 13:33:08

Occupied Bandwidth

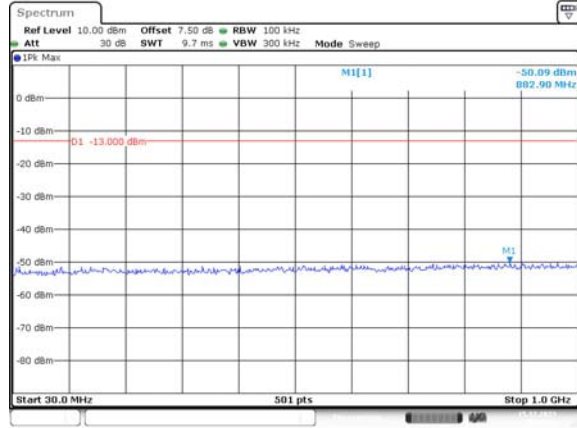
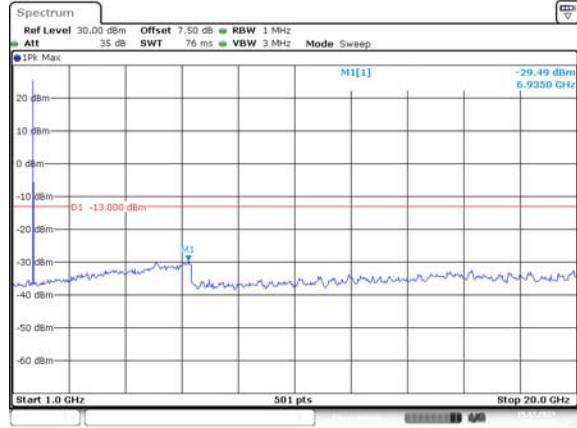
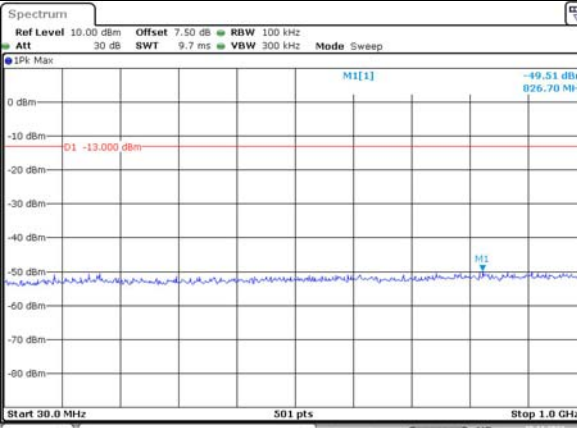
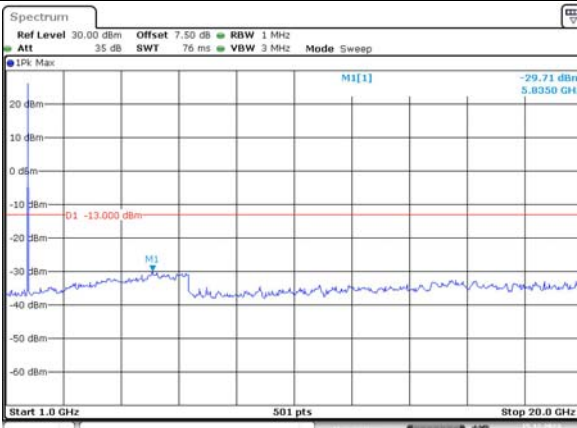
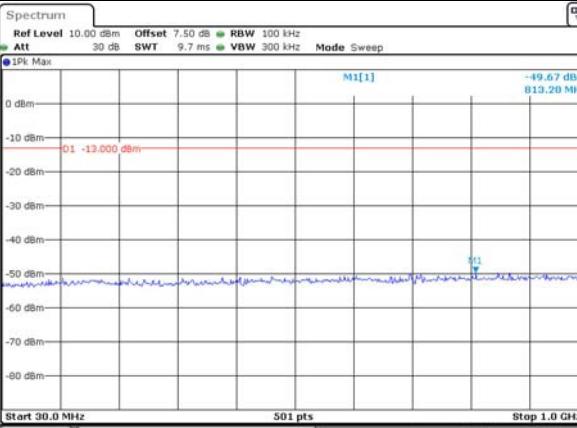
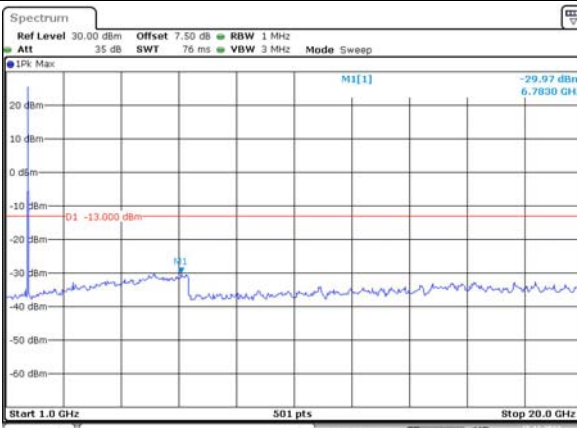
Channel

Middle

10MHz
Bandwidth
64QAMProjectNo.:CR231165634 TestersOne Luo
Date: 8.JAN.2024 13:30:5615MHz
Bandwidth
64QAMProjectNo.:CR231165634 TestersOne Luo
Date: 8.JAN.2024 13:26:1920MHz
Bandwidth
64QAMProjectNo.:CR231165634 TestersOne Luo
Date: 8.JAN.2024 13:23:48

Note: The test was performed with RB 1#0.

Spurious Emissions at Antenna Terminal

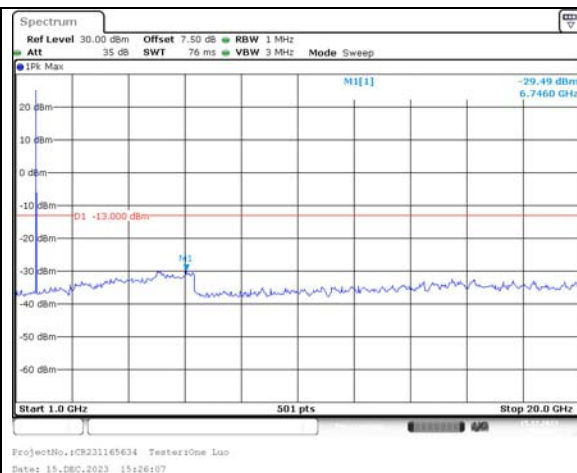
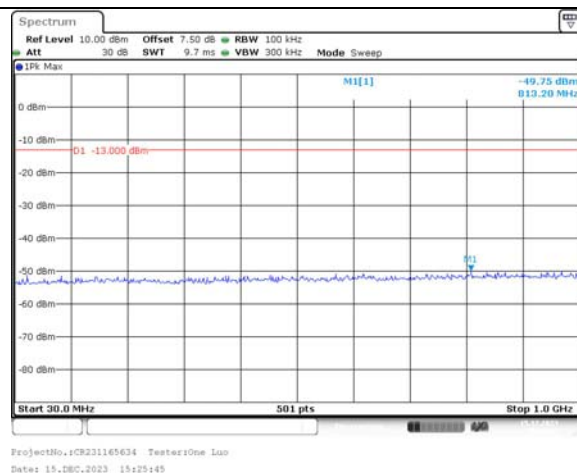
Channel	1.4MHz Bandwidth QPSK	
Lowest	 ProjectNo.:CR231165634 TestersOne Luo Date: 15,DEC,2023 15:18:57	 ProjectNo.:CR231165634 TestersOne Luo Date: 15,DEC,2023 15:19:19
Middle	 ProjectNo.:CR231165634 TestersOne Luo Date: 15,DEC,2023 15:19:54	 ProjectNo.:CR231165634 TestersOne Luo Date: 15,DEC,2023 15:20:23
Highest	 ProjectNo.:CR231165634 TestersOne Luo Date: 15,DEC,2023 15:21:05	 ProjectNo.:CR231165634 TestersOne Luo Date: 15,DEC,2023 15:21:28

Spurious Emissions at Antenna Terminal

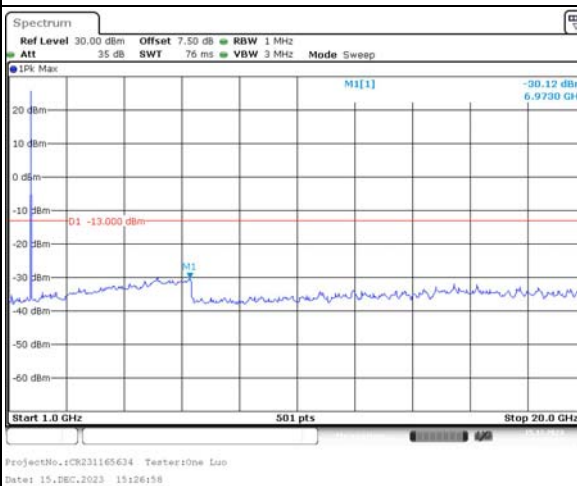
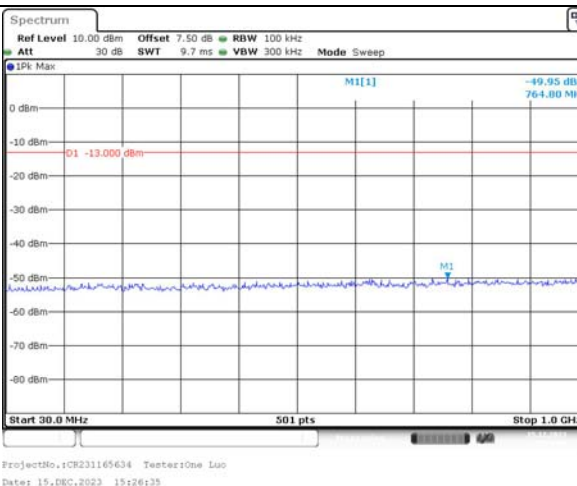
Channel

3MHz Bandwidth QPSK

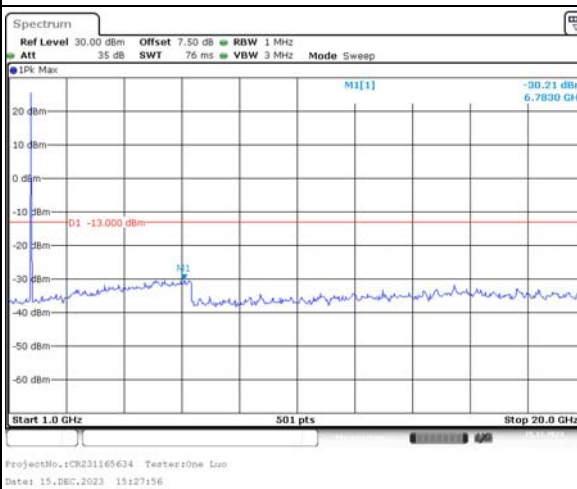
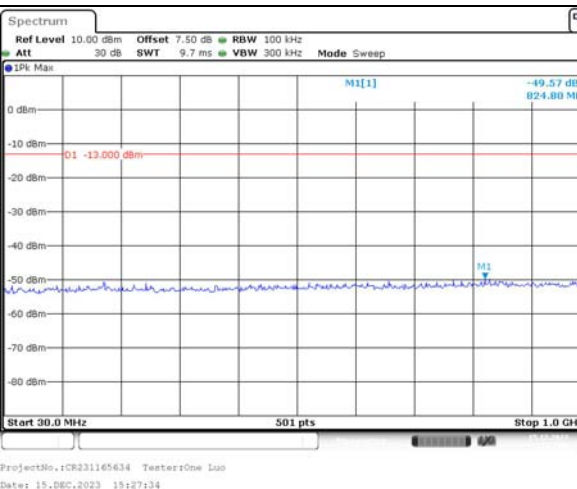
Lowest



Middle



Highest

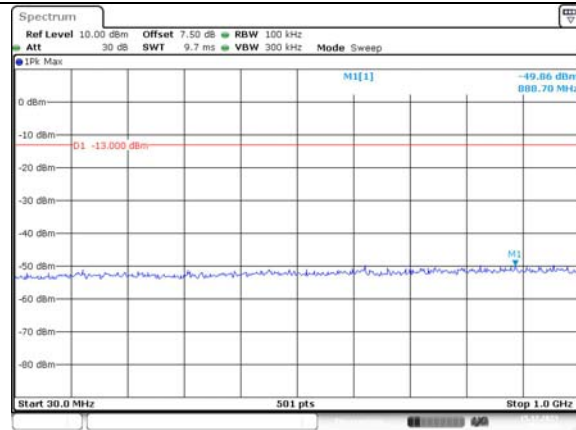


Spurious Emissions at Antenna Terminal

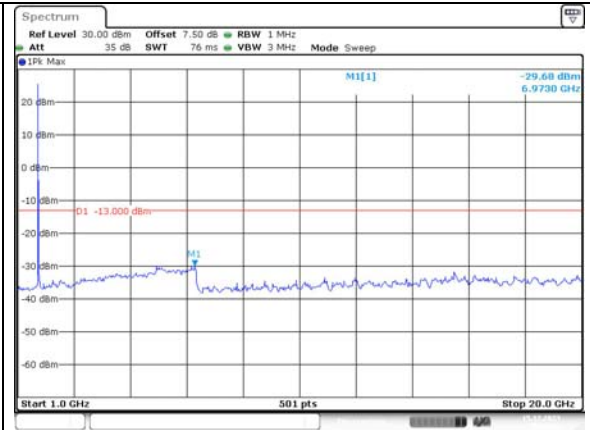
Channel

5MHz Bandwidth QPSK

Lowest

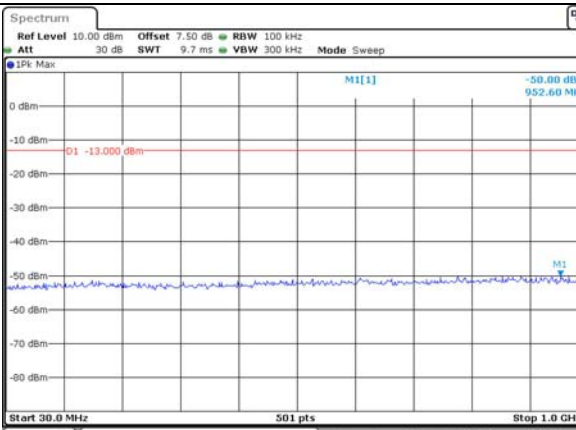


ProjectNo.:CR231165634 TestersOne Luo
Date: 15.DEC.2023 15:28:55

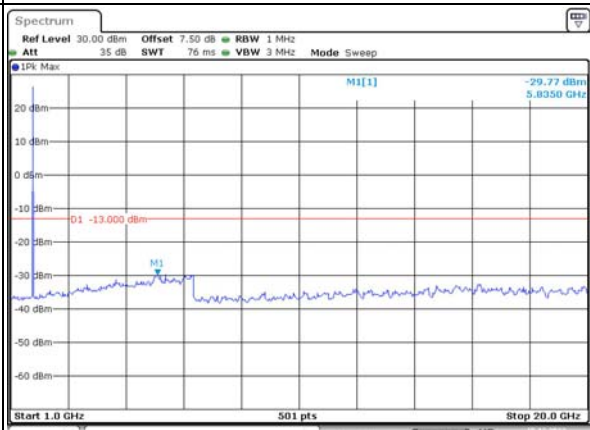


ProjectNo.:CR231165634 TestersOne Luo
Date: 15.DEC.2023 15:29:20

Middle

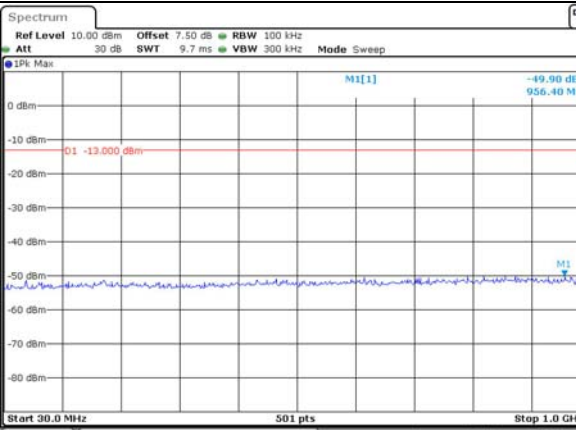


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Date: 15.DEC.2023 15:29:58

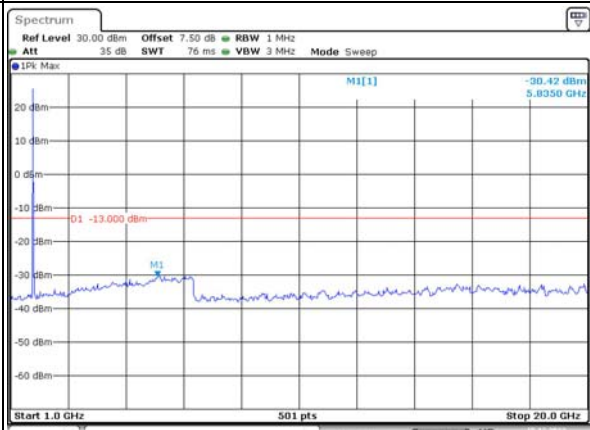


ProjectNo.:CR231165634 TestersOne Luo
Date: 15.DEC.2023 15:30:23

Highest



ProjectNo.:CR231165634 TestersOne Luo
Date: 15.DEC.2023 15:30:58



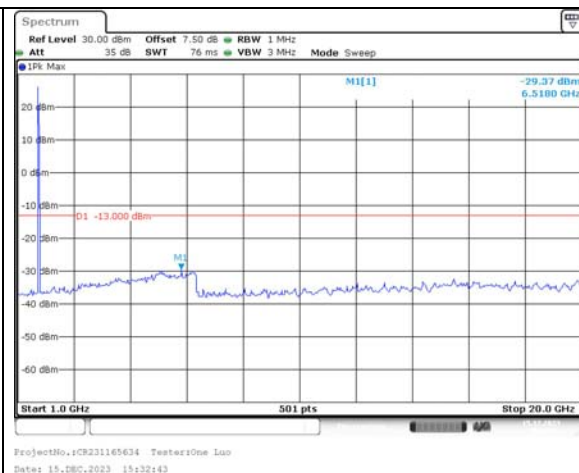
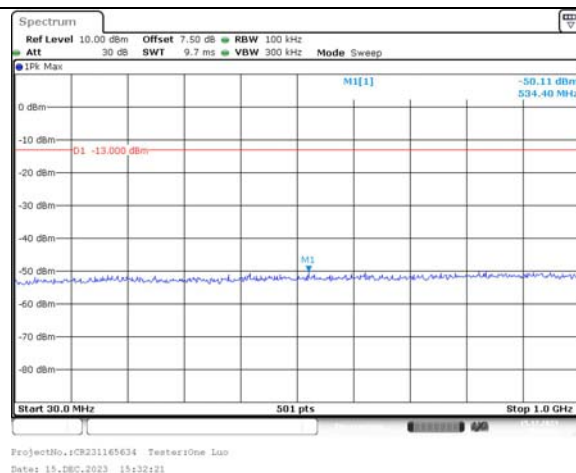
ProjectNo.:CR231165634 TestersOne Luo
Date: 15.DEC.2023 15:31:23

Spurious Emissions at Antenna Terminal

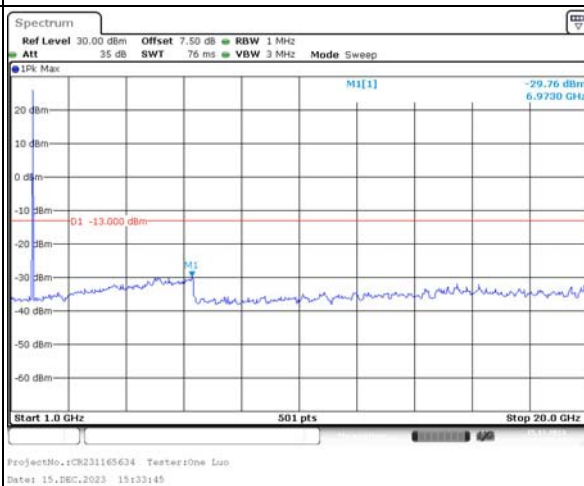
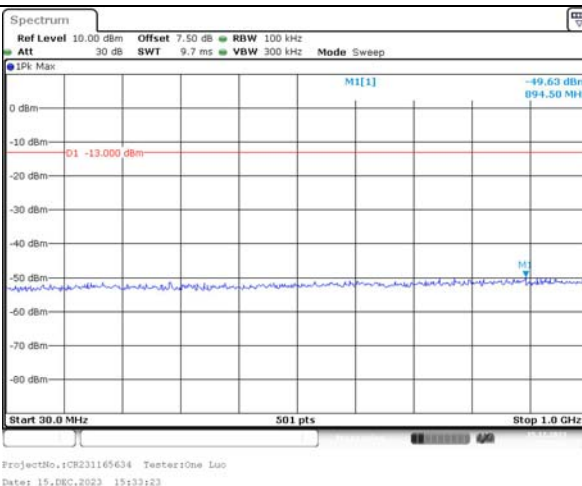
Channel

10MHz Bandwidth QPSK

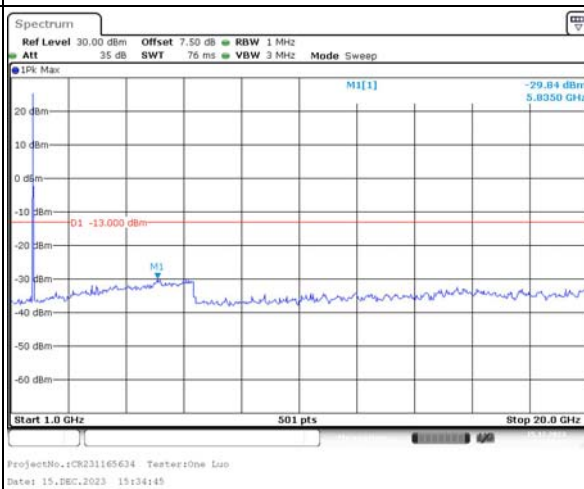
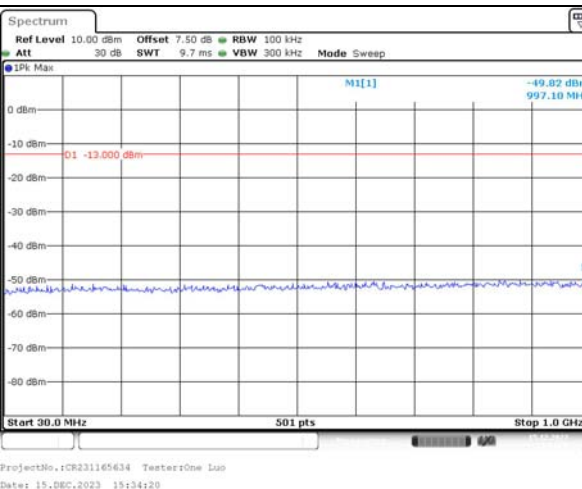
Lowest



Middle



Highest

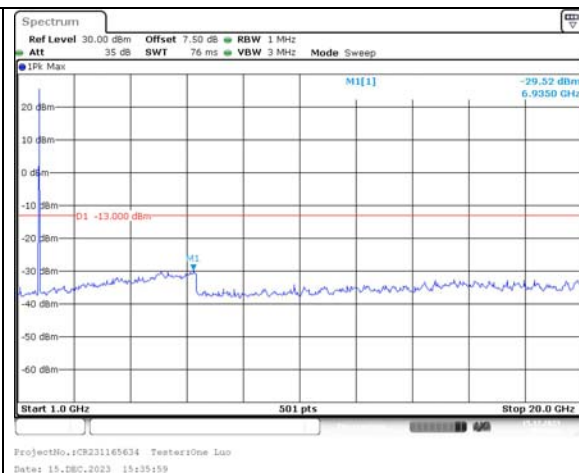
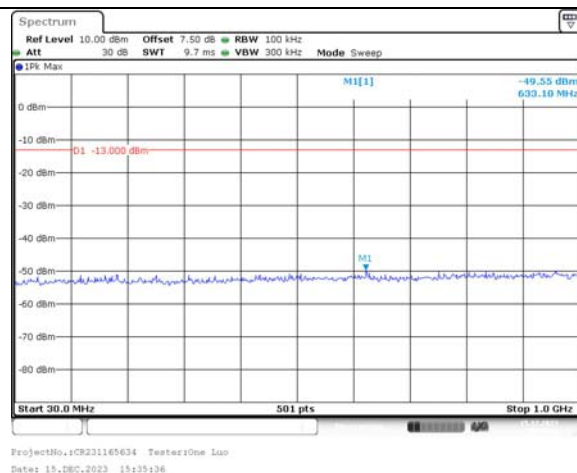


Spurious Emissions at Antenna Terminal

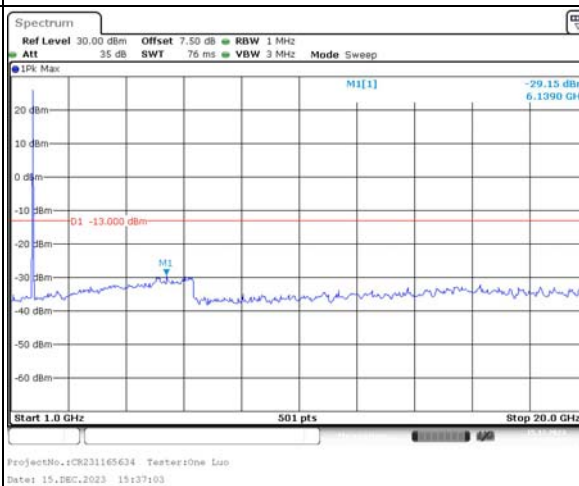
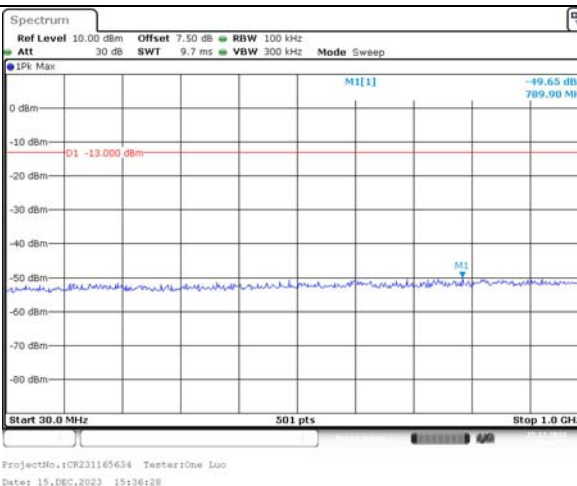
Channel

15MHz Bandwidth QPSK

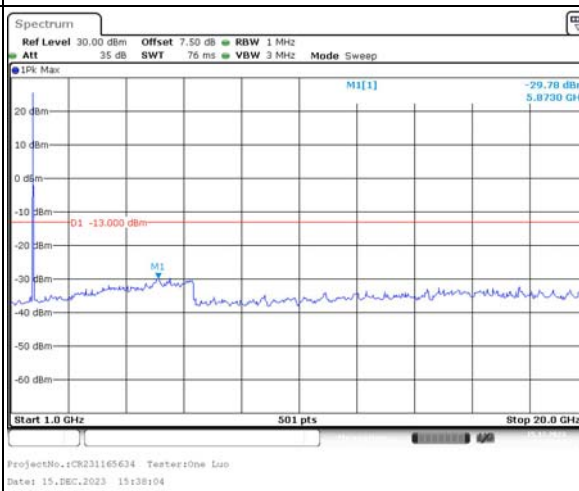
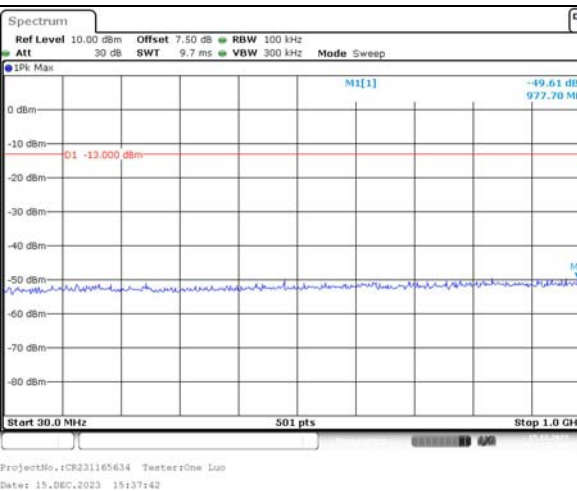
Lowest



Middle



Highest

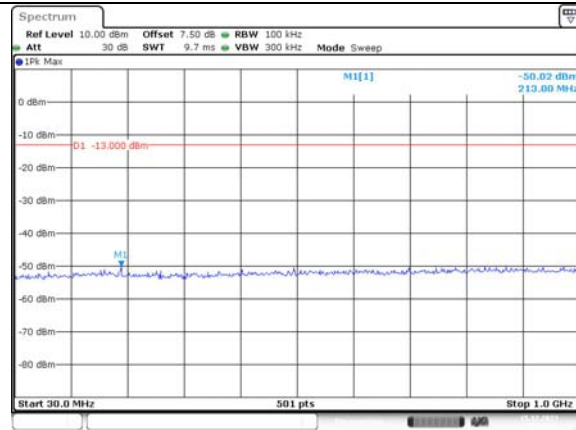


Spurious Emissions at Antenna Terminal

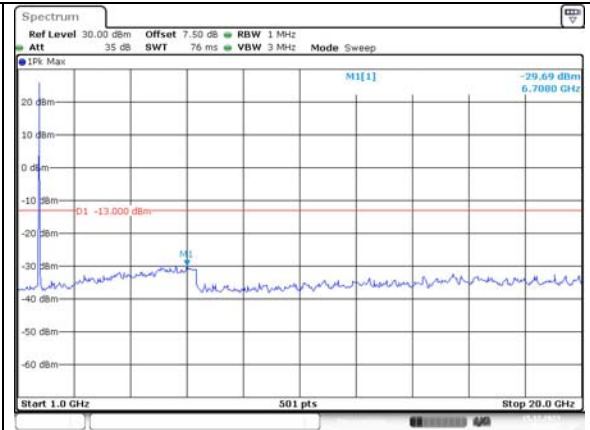
Channel

20MHz Bandwidth QPSK

Lowest

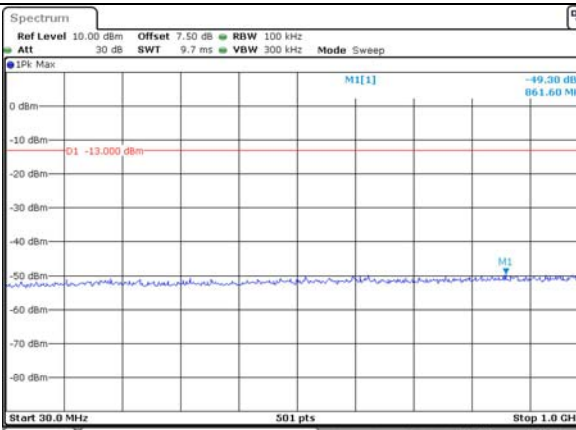


ProjectNo.:CR231165634 TestersOne Luo
Date: 15,DEC,2023 15:39:03

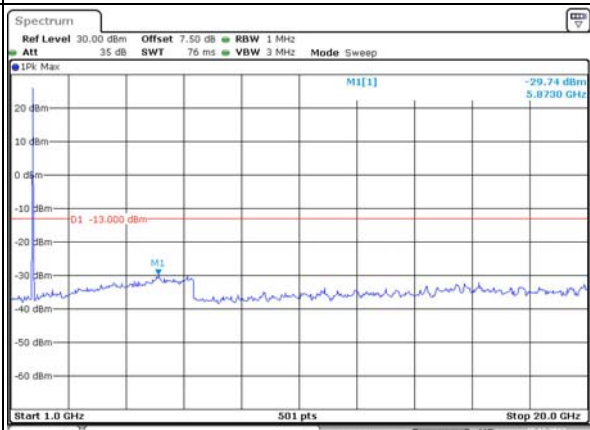


ProjectNo.:CR231165634 TestersOne Luo
Date: 15,DEC,2023 15:39:25

Middle

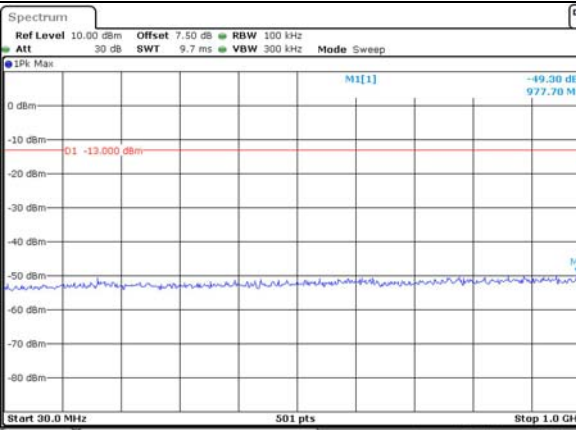


ProjectNo.:CR231165634 TestersOne Luo
Date: 15,DEC,2023 15:41:05

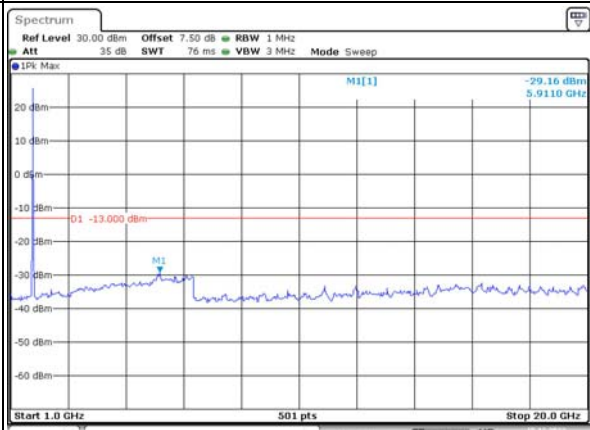


ProjectNo.:CR231165634 TestersOne Luo
Date: 15,DEC,2023 15:41:27

Highest

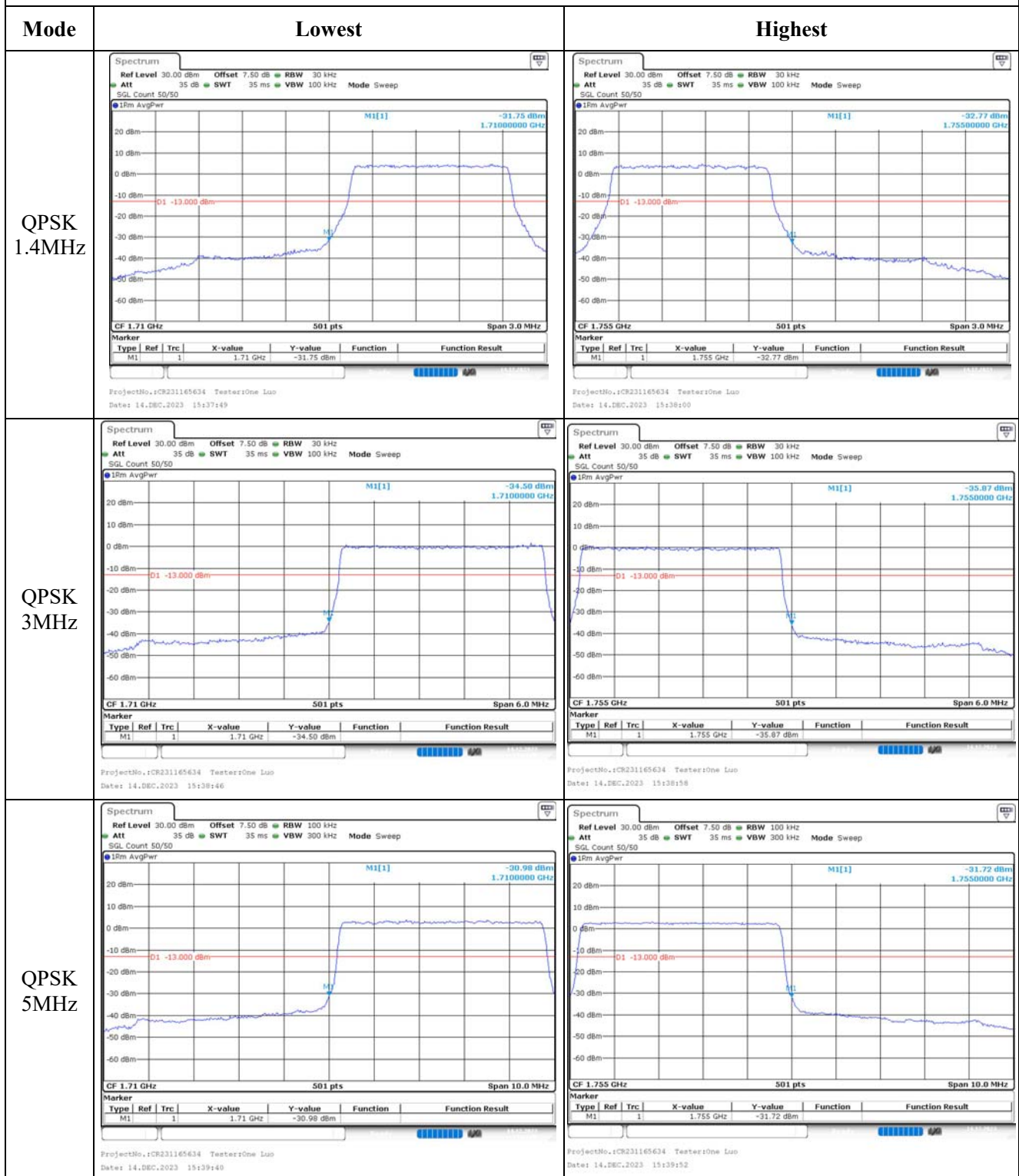


ProjectNo.:CR231165634 TestersOne Luo
Date: 15,DEC,2023 15:42:02

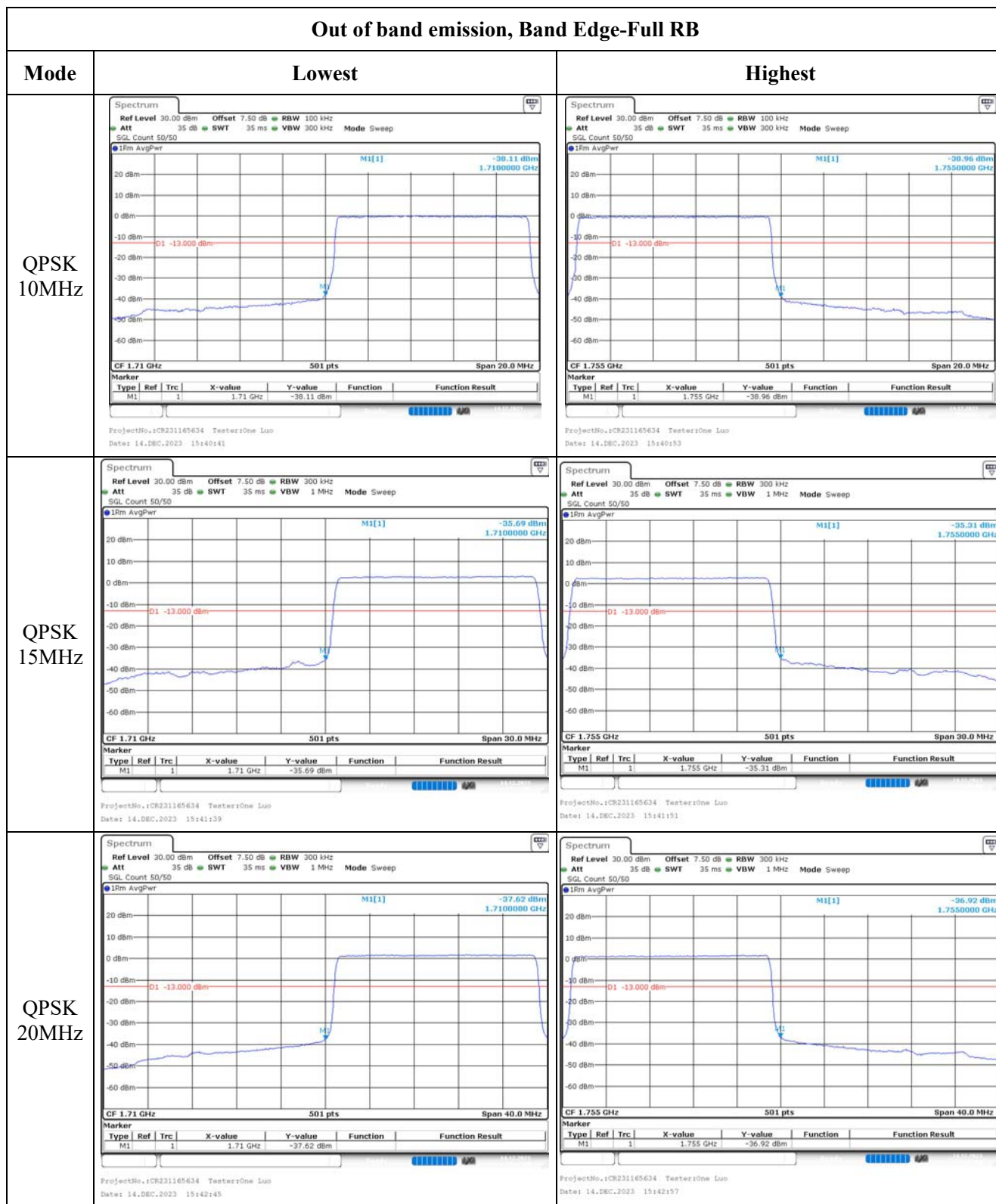


ProjectNo.:CR231165634 TestersOne Luo
Date: 15,DEC,2023 15:42:24

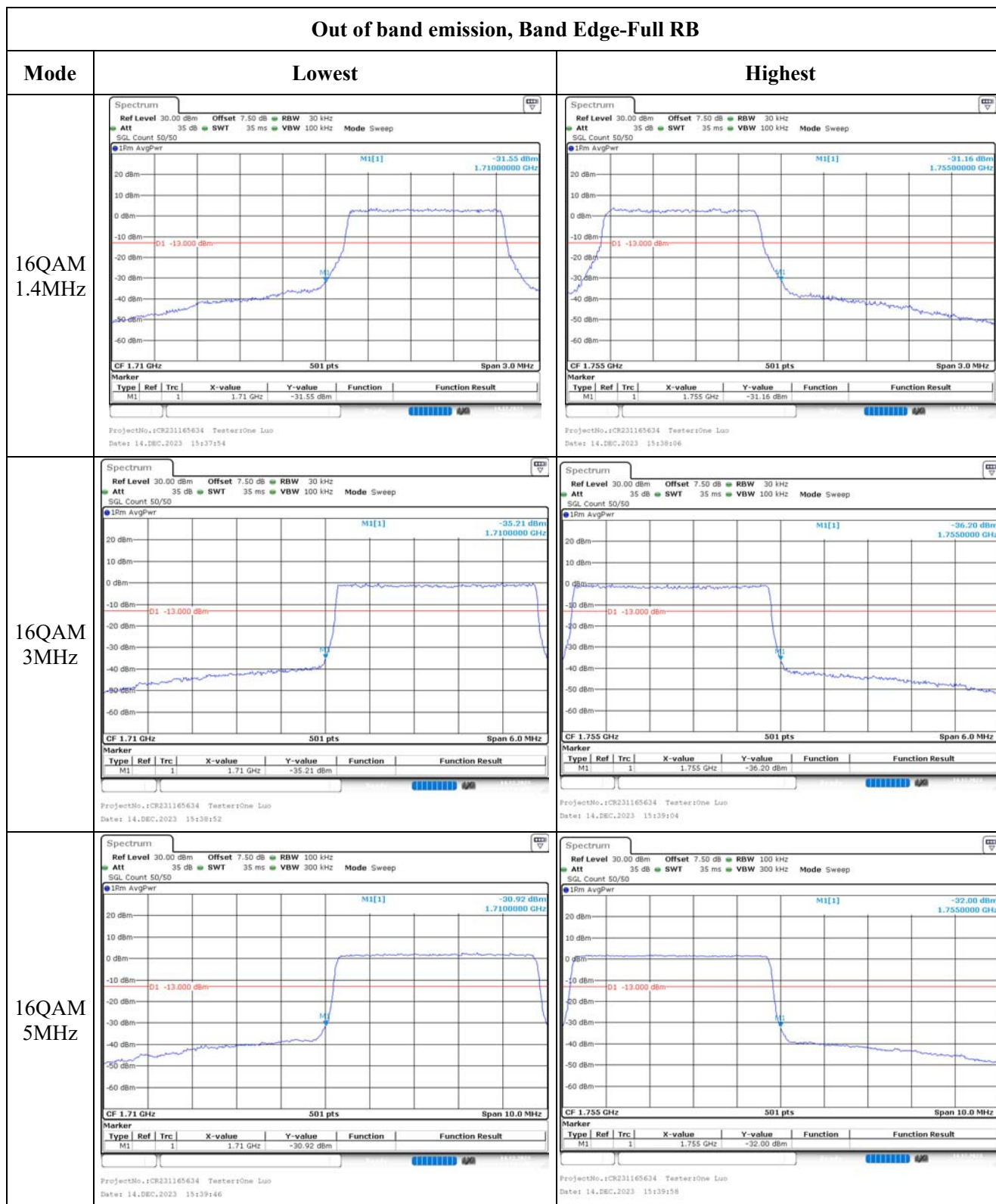
Out of band emission, Band Edge-Full RB



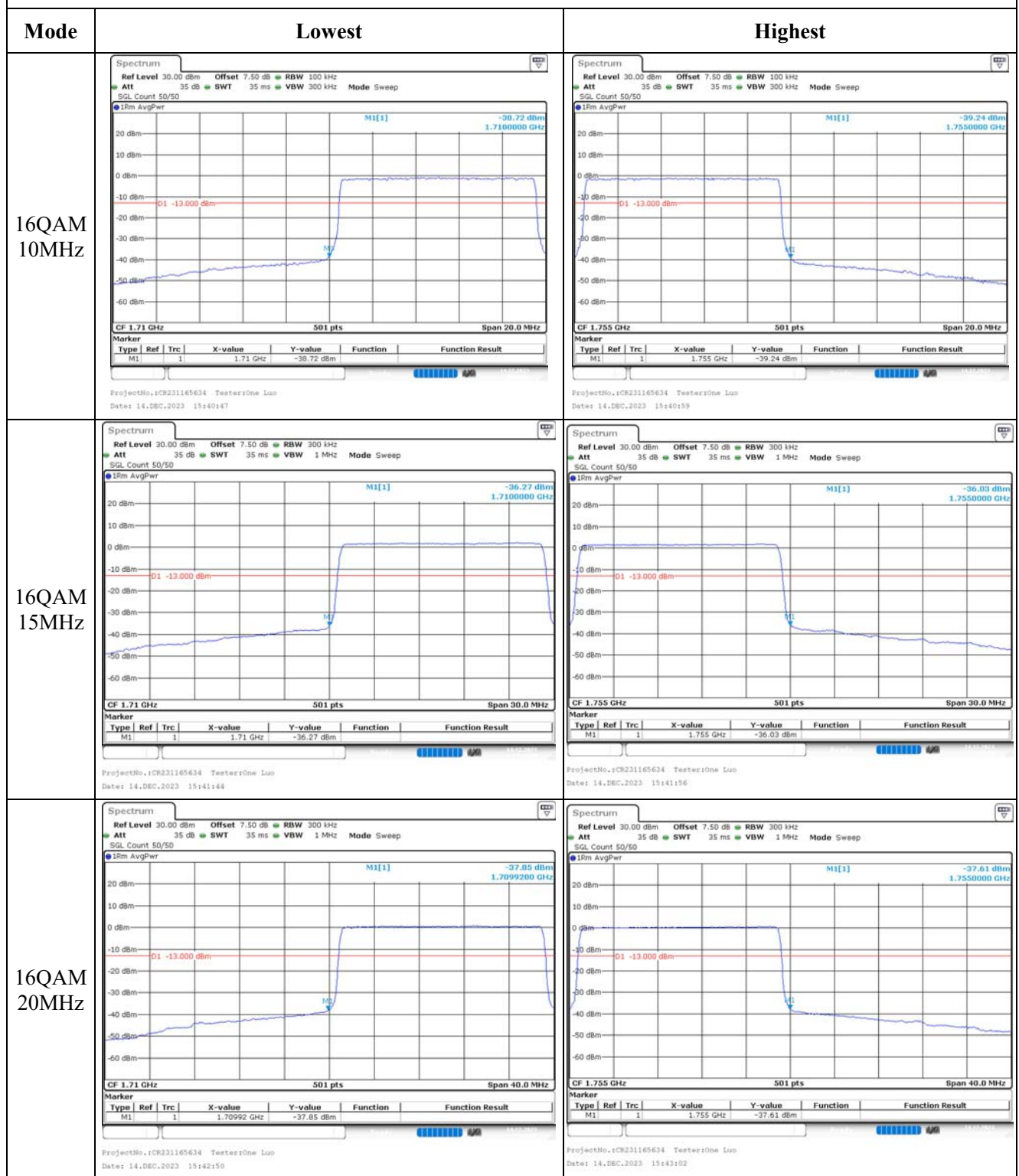
Out of band emission, Band Edge-Full RB



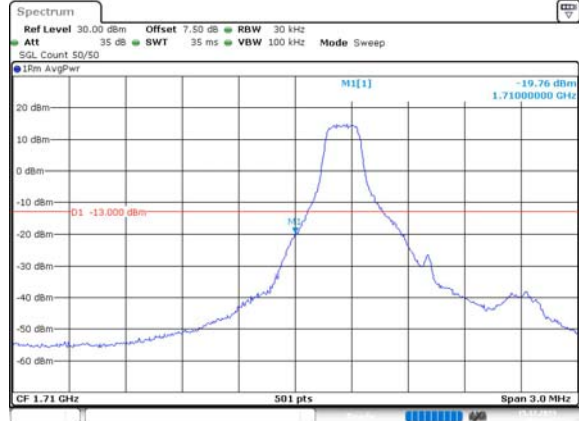
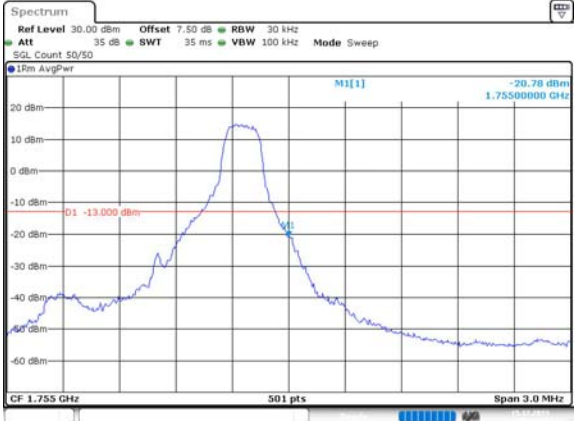
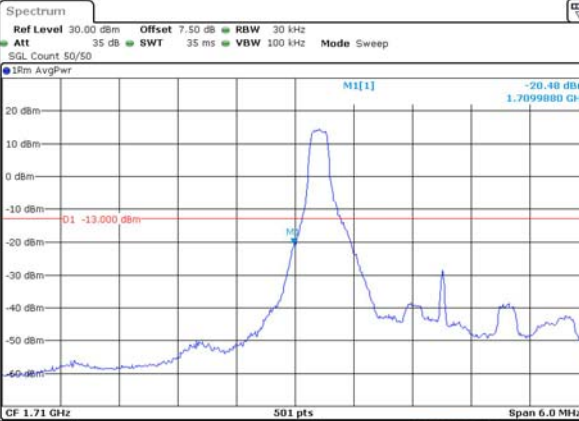
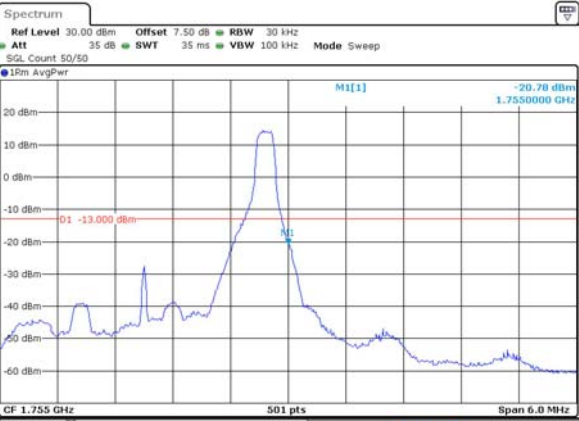
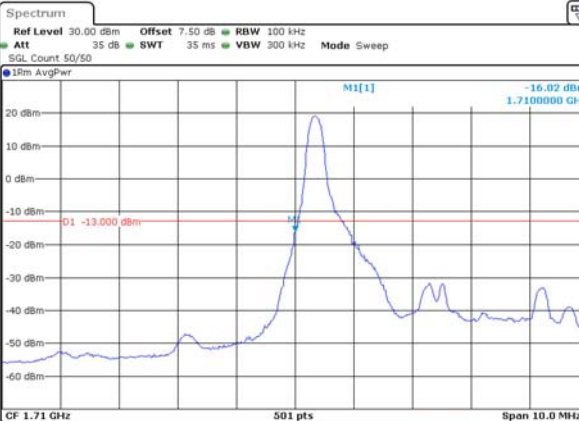
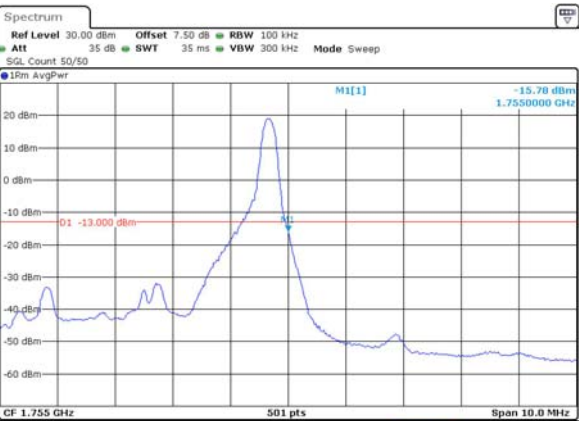
Out of band emission, Band Edge-Full RB



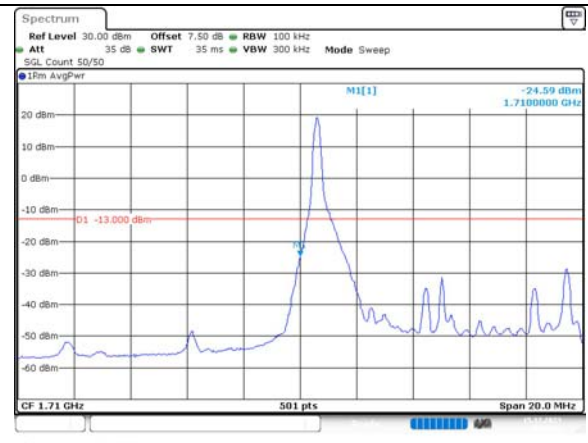
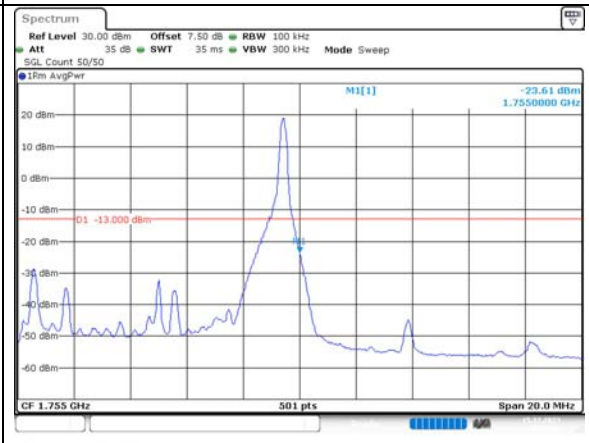
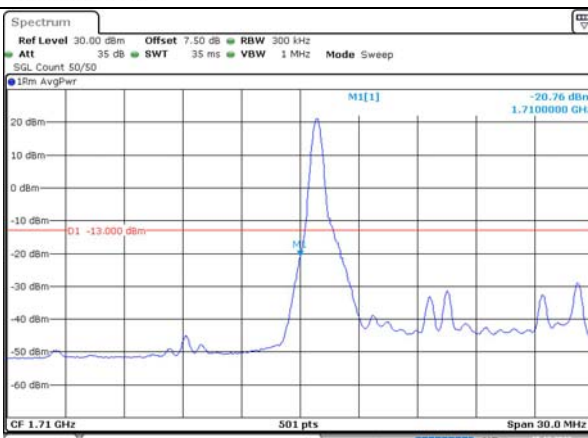
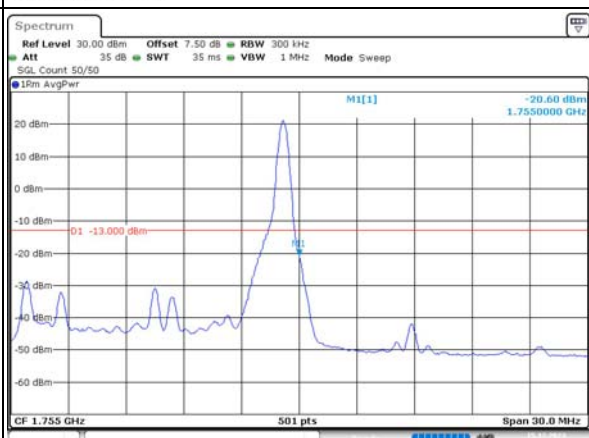
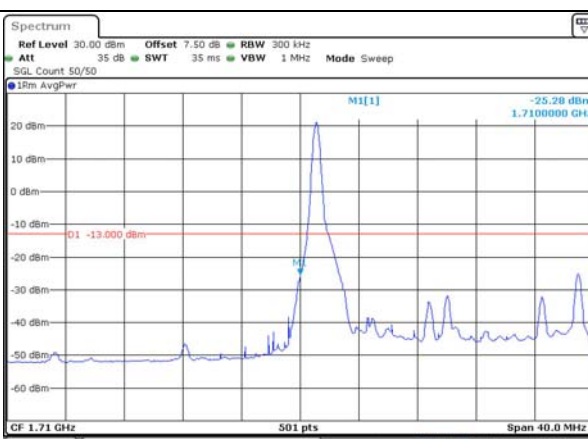
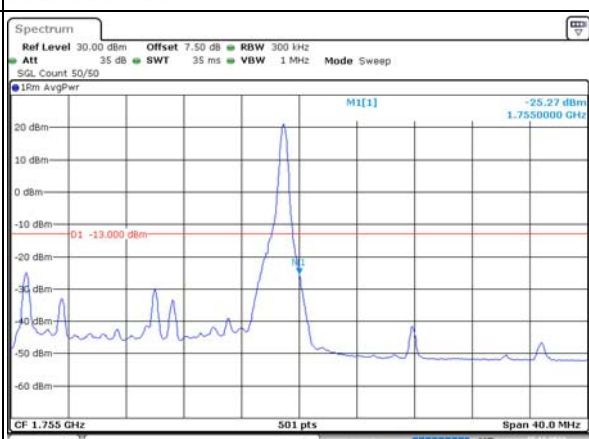
Out of band emission, Band Edge-Full RB



Out of band emission, Band Edge-Minimum RB

Mode	Lowest-RB 1#0	Highest RB 1#Max
QPSK 1.4MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -19.76 dBm 1.7100000 GHz M2 -13.000 dBm CF 1.71 GHz 501 pts Span 3.0 MHz ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 10:50:52	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -20.78 dBm 1.7550000 GHz M2 -13.000 dBm CF 1.755 GHz 501 pts Span 3.0 MHz ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 11:27:14
QPSK 3MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -20.48 dBm 1.7099880 GHz M2 -13.000 dBm CF 1.71 GHz 501 pts Span 6.0 MHz ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 10:52:56	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -20.78 dBm 1.7550000 GHz M2 -13.000 dBm CF 1.755 GHz 501 pts Span 6.0 MHz ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 11:28:53
QPSK 5MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -16.02 dBm 1.7100000 GHz M2 -13.000 dBm CF 1.71 GHz 501 pts Span 10.0 MHz ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 10:54:17	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -15.78 dBm 1.7550000 GHz M2 -13.000 dBm CF 1.755 GHz 501 pts Span 10.0 MHz ProjectNo.:CR231165634 Testers:One Luo Date: 15,DEC,2023 11:30:10

Out of band emission, Band Edge-Minimum RB

Mode	Lowest-RB 1#0	Highest RB 1#Max
QPSK 10MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:56:07	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:31:31
QPSK 15MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:57:35	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:32:56
QPSK 20MHz	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 10:59:10	 ProjectNo.:CR231165634 TestersOne Luo Date: 15.DEC.2023 11:34:12