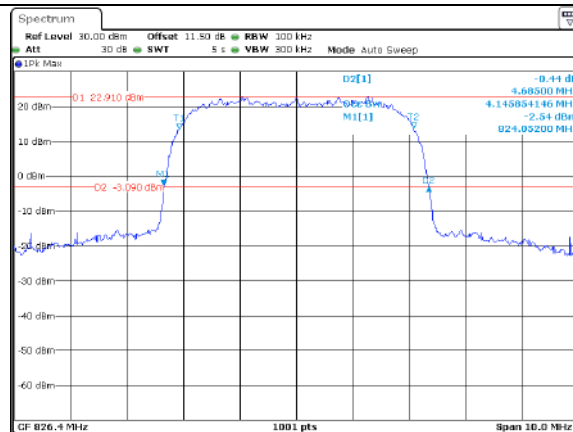


Occupied Bandwidth

Channel

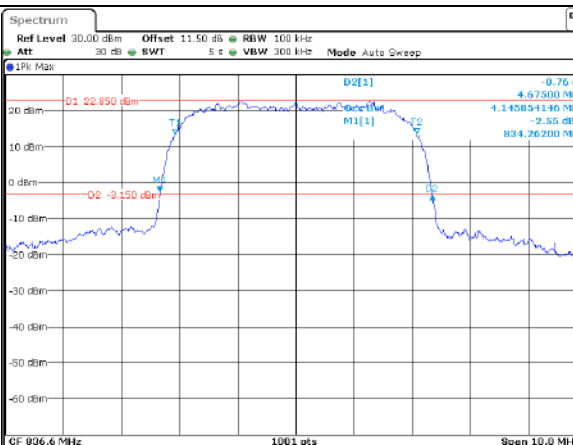
HSUPA

Lowest



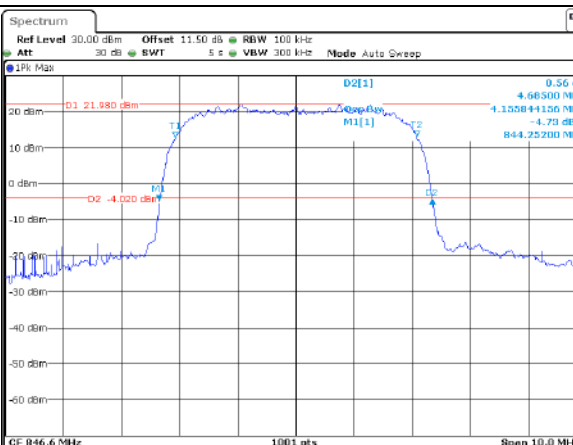
ProjectNo.:CR231058582 Tester:Len Huang
Date: 7.NOV.2023 14:06:54

Middle



ProjectNo.:CR231058582 Tester:Len Huang
Date: 7.NOV.2023 14:01:42

Highest



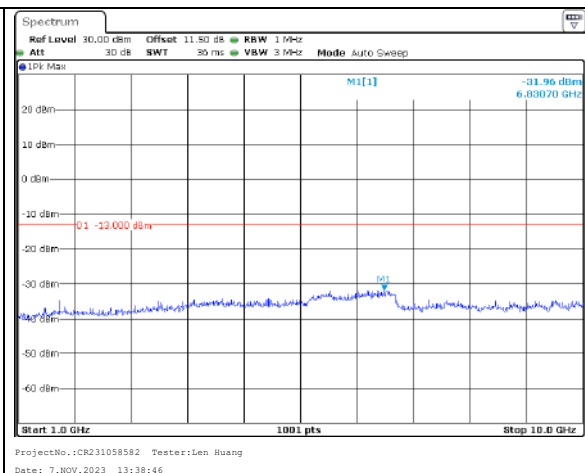
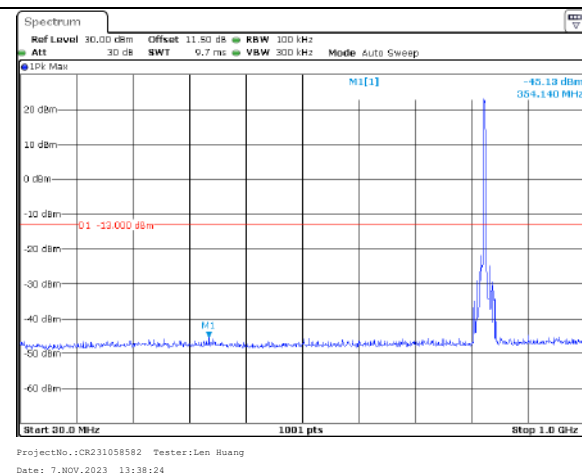
ProjectNo.:CR231058582 Tester:Len Huang
Date: 7.NOV.2023 13:56:13

Spurious Emissions at Antenna Terminal

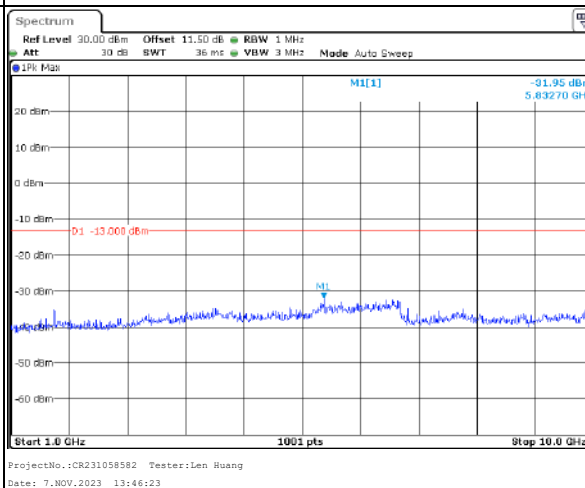
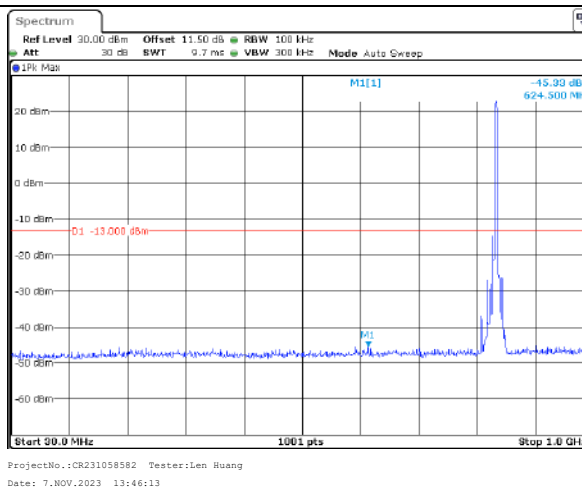
Channel

WCDMA R99

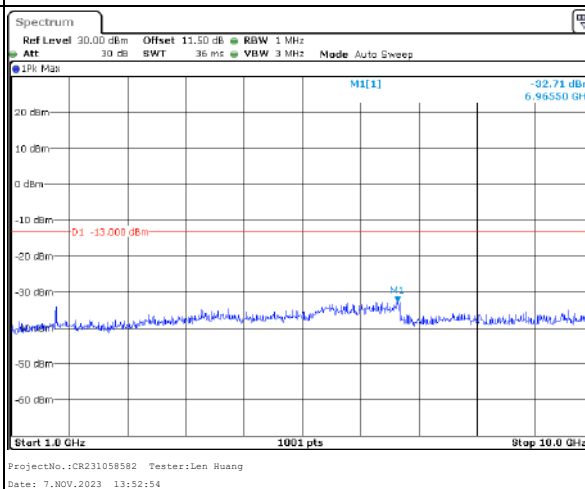
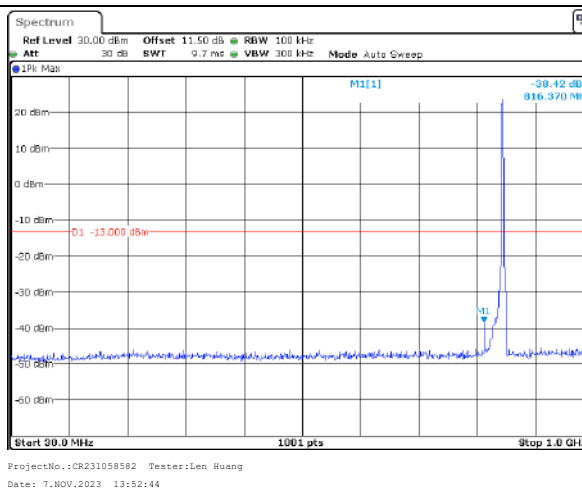
Lowest



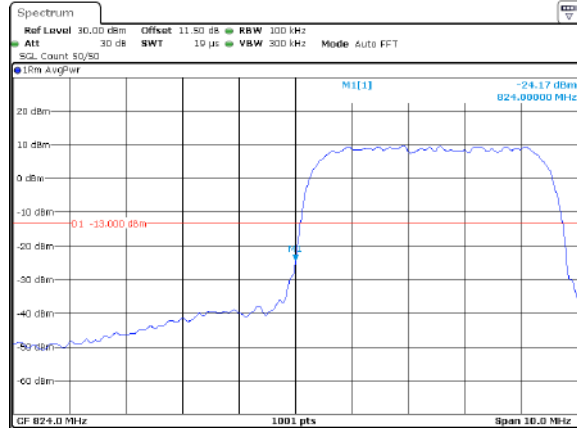
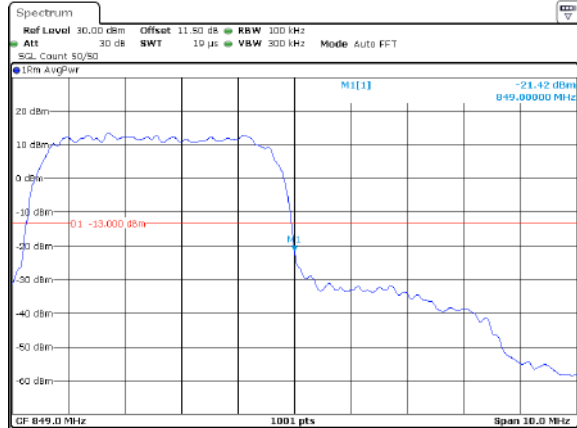
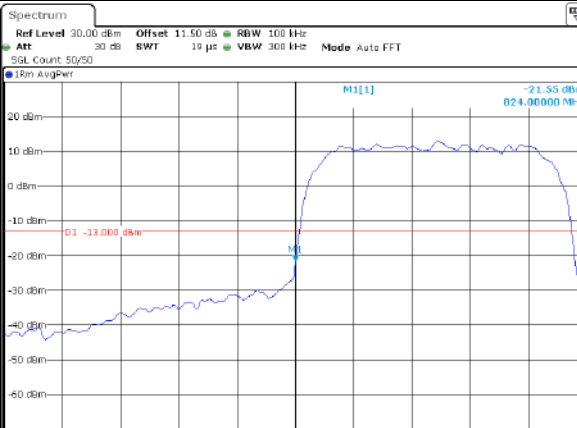
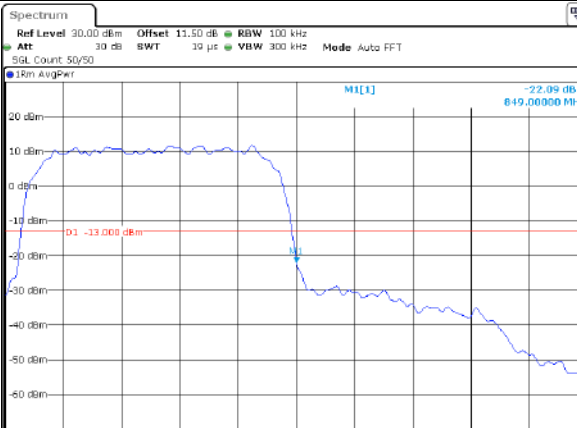
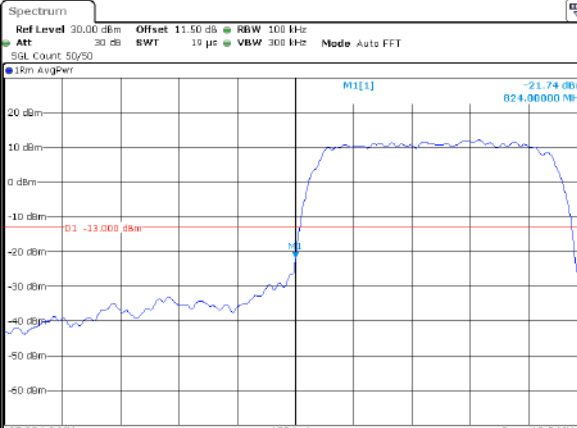
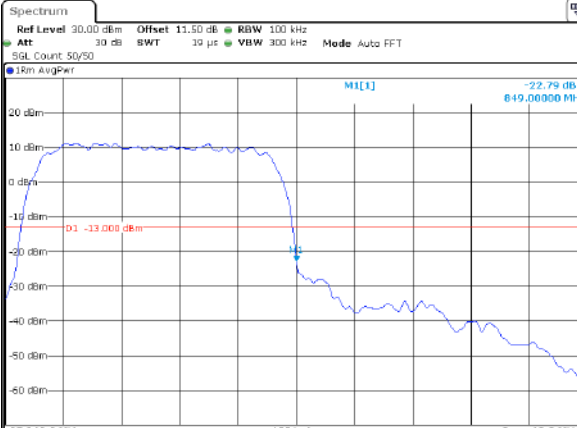
Middle



Highest



Out of band emission, Band Edge

Mode	Lowest	Highest
R99	 ProjectNo.:CR231058582 Tester:Len Huang Date: 7.NOV.2023 13:35:48	 ProjectNo.:CR231058582 Tester:Len Huang Date: 7.NOV.2023 13:51:41
HSUPA	 ProjectNo.:CR231058582 Tester:Len Huang Date: 7.NOV.2023 14:07:06	 ProjectNo.:CR231058582 Tester:Len Huang Date: 7.NOV.2023 13:56:26
HSDPA	 ProjectNo.:CR231058582 Tester:Len Huang Date: 7.NOV.2023 14:11:39	 ProjectNo.:CR231058582 Tester:Len Huang Date: 7.NOV.2023 14:20:07

4.6 Antenna Port Test Data and Results for LTE Band 2

Serial Number:	2BZE-3	Test Date:	2023/10/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Len Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40-N	102259	2023/4/18	2024/4/17
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Minl-Circuits	Power Splitter	ZFRSC-183-S+	S F448201619	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	2023/9/28	2024/9/27
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	1850.7	1880	1909.3
3MHz	1851.5	1880	1908.5
5MHz	1852.5	1880	1907.5
10MHz	1855	1880	1905
15MHz	1857.5	1880	1902.5
20MHz	1860	1880	1900

Test Data:**FCC§2.1046;§ 24.232****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	18.47	18.53	18.13	17.29	33
	RB1#3	18.64	18.69	18.24		
	RB1#5	18.44	18.5	18.01		
	RB3#0	18.6	18.64	18.21		
	RB3#3	18.59	18.62	18.14		
	RB6#0	17.69	17.69	17.21		
1.4MHz 16QAM	RB1#0	17.6	17.6	17.29	16.53	33
	RB1#3	17.77	17.78	17.43		
	RB1#5	17.58	17.6	17.2		
	RB3#0	17.81	17.93	17.25		
	RB3#3	17.78	17.92	17.2		
	RB6#0	16.7	16.75	16.35		
3MHz QPSK	RB1#0	18.53	18.28	18.38	17.26	33
	RB1#8	18.56	18.66	18.44		
	RB1#14	18.37	18.48	18.24		
	RB6#0	17.67	17.72	17.57		
	RB6#9	17.57	17.71	17.55		
	RB15#0	17.66	17.75	17.59		
3MHz 16QAM	RB1#0	17.76	17.64	18.06	16.77	33
	RB1#8	17.81	17.77	18.17		
	RB1#14	17.62	17.59	17.96		
	RB6#0	16.75	16.7	16.71		
	RB6#9	16.66	16.67	16.7		
	RB15#0	16.66	16.81	16.68		
5MHz QPSK	RB1#0	18.58	18.39	18.2	17.55	33
	RB1#13	18.91	18.95	18.62		
	RB1#24	18.3	18.33	18.18		
	RB15#0	17.92	17.88	17.7		
	RB15#10	17.82	17.88	17.68		
	RB25#0	17.83	17.83	17.63		
5MHz 16QAM	RB1#0	17.93	17.55	17.23	16.9	33
	RB1#13	18.3	18.1	17.69		
	RB1#24	17.68	17.51	17.15		
	RB15#0	16.94	17.01	16.7		
	RB15#10	16.85	17.01	16.67		
	RB25#0	16.88	17	16.65		
10MHz QPSK	RB1#0	19.06	18.31	18.41	17.87	33

Page 64 of 294

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	5.30	5.57	5.65	13
	RB100#0	5.71	5.54	5.54	13
20MHz 16QAM	RB1#0	5.71	6.14	6.72	13
	RB100#0	6.49	6.35	6.38	13
Result:					Pass

FCC §2.1049, §24.238: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	1.096	1.102	1.260	1.254	1.254
1.4MHz 16QAM	1.102	1.102	1.09	1.254	1.248	1.25
3MHz QPSK	2.695	2.683	2.695	3.012	3.012	2.988
3MHz 16QAM	2.695	2.695	2.695	3.000	3.036	3.000
5MHz QPSK	4.511	4.511	4.531	5.020	5.000	5.000
5MHz 16QAM	4.531	4.531	4.511	5.040	5.020	5.000
10MHz QPSK	8.942	8.942	8.942	9.800	9.840	9.760
10MHz 16QAM	8.942	8.942	8.942	9.840	9.840	9.720
15MHz QPSK	13.533	13.533	13.533	14.940	15.060	15.000
15MHz 16QAM	13.593	13.533	13.533	15.180	15.000	15.060
20MHz QPSK	17.964	17.964	17.964	19.680	19.600	19.600
20MHz 16QAM	18.044	18.044	17.884	19.680	19.760	19.600

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

FCC §2.1051, § 24.238 (a):Spurious Emissions at Antenna Terminal

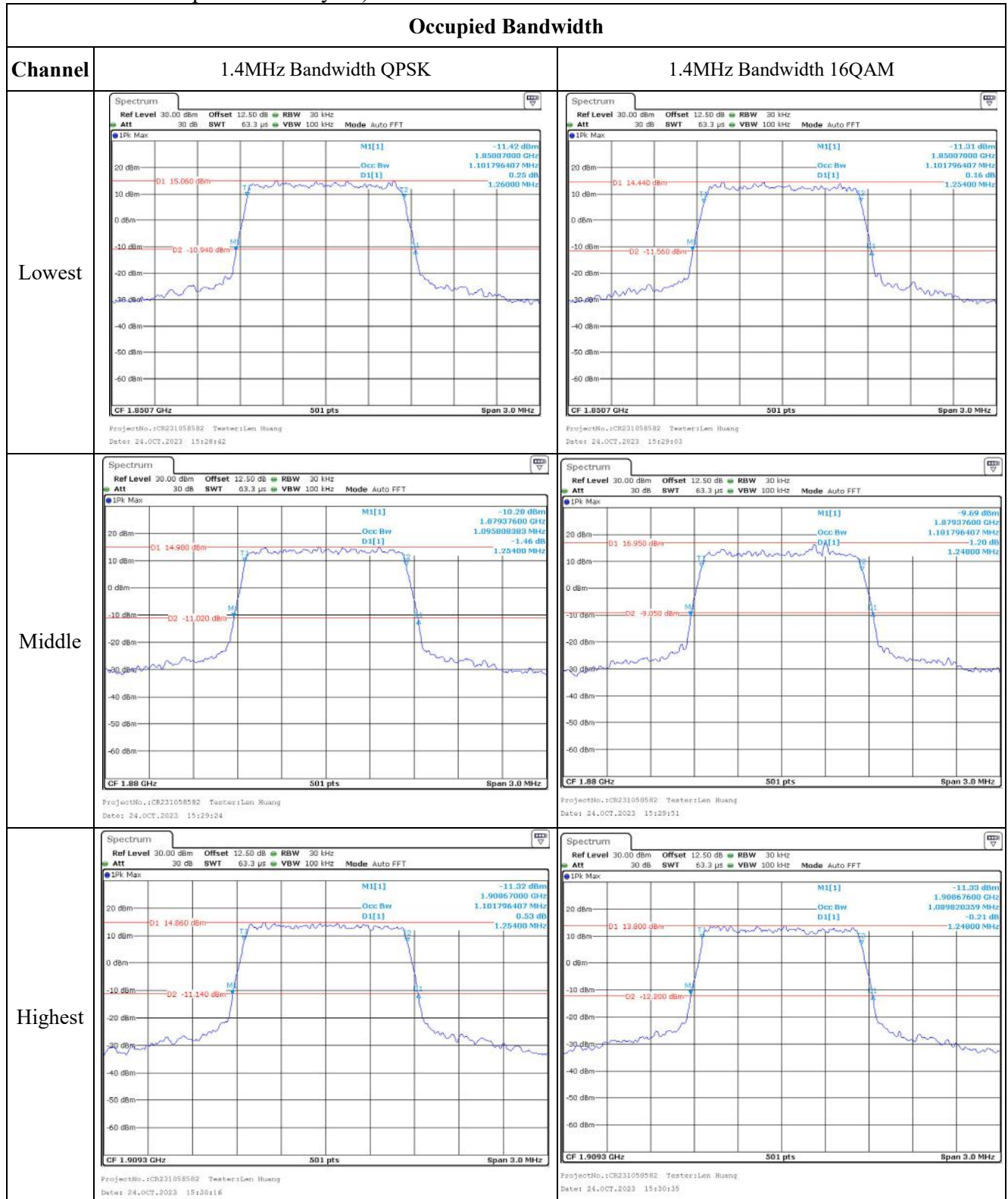
Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.
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FCC §2.1051, § 24.238 (a):Out of band emission, Band Edge

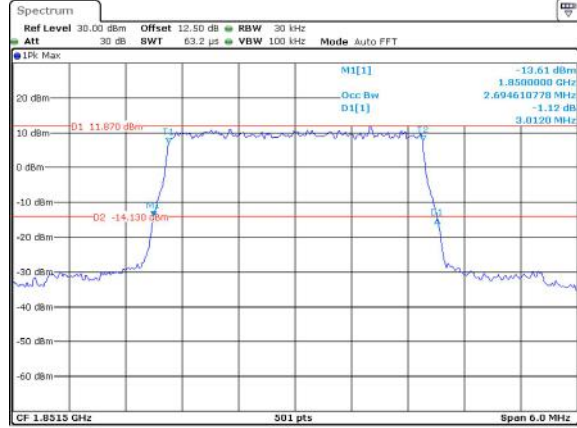
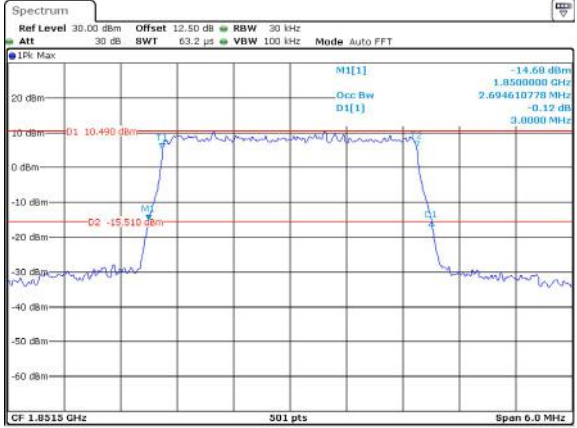
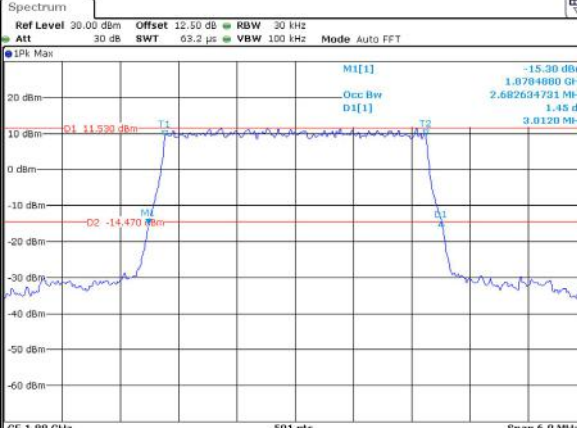
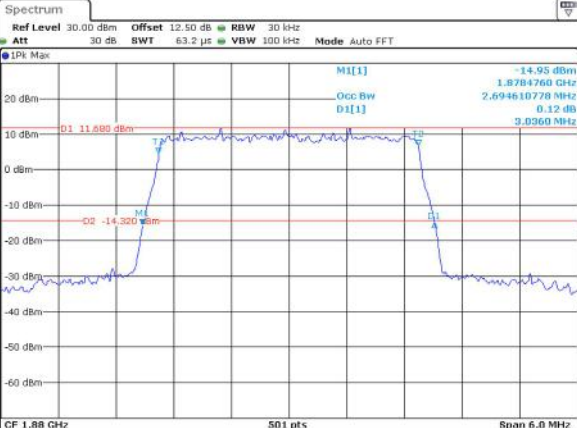
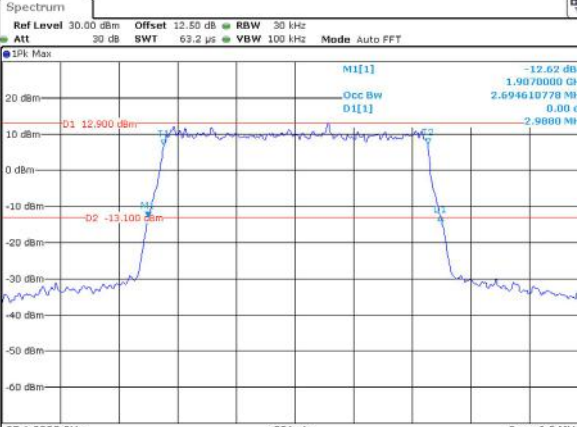
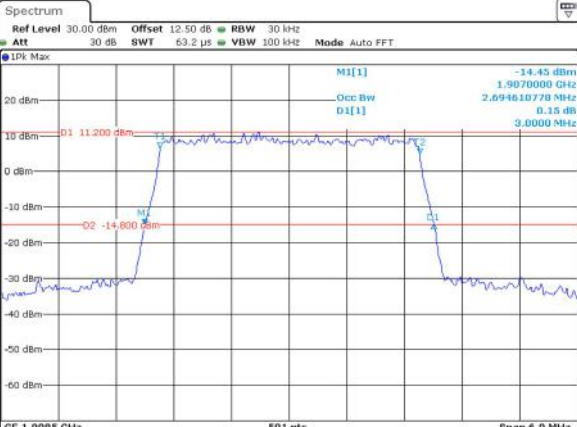
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.
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FCC §2.1055, §24.235: Frequency Stability						
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1850.124	1850.000	1909.887	1910.000
	-20	3.85	1850.116	1850.000	1909.860	1910.000
	-10	3.85	1850.104	1850.000	1909.888	1910.000
	0	3.85	1850.117	1850.000	1909.850	1910.000
	10	3.85	1850.125	1850.000	1909.873	1910.000
	20	3.85	1850.123	1850.000	1909.843	1910.000
	30	3.85	1850.110	1850.000	1909.876	1910.000
	40	3.85	1850.118	1850.000	1909.870	1910.000
	50	3.85	1850.121	1850.000	1909.871	1910.000
Frequency Stability vs. Voltage	20	3.27	1850.140	1850.000	1909.836	1910.000
	20	4.43	1850.113	1850.000	1909.866	1910.000
					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	3.85	1850.100	1850.000	1909.861	1910.000
	-20	3.85	1850.126	1850.000	1909.881	1910.000
	-10	3.85	1850.102	1850.000	1909.877	1910.000
	0	3.85	1850.122	1850.000	1909.880	1910.000
	10	3.85	1850.112	1850.000	1909.881	1910.000
	20	3.85	1850.117	1850.000	1909.862	1910.000
	30	3.85	1850.125	1850.000	1909.880	1910.000
	40	3.85	1850.113	1850.000	1909.886	1910.000
	50	3.85	1850.113	1850.000	1909.874	1910.000
Frequency Stability vs. Voltage	20	3.27	1850.132	1850.000	1909.884	1910.000
	20	4.43	1850.083	1850.000	1909.861	1910.000
					Result:	Pass

Test Plots(Note: The 11.5 dB is the Insertion loss of the RF cable and Power Splitter, which was offset into the Spectrum Analyzer):



Occupied Bandwidth

Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:30:59	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:31:12
Middle	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:31:47	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:32:08
Highest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:32:26	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:32:47

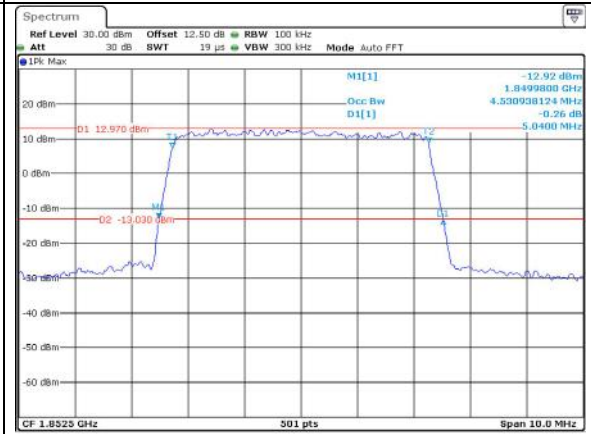
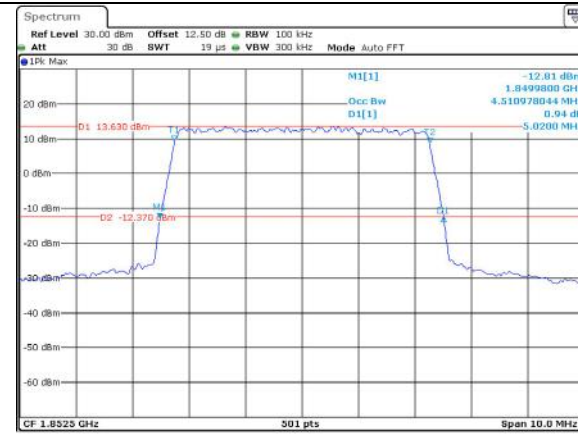
Occupied Bandwidth

Channel

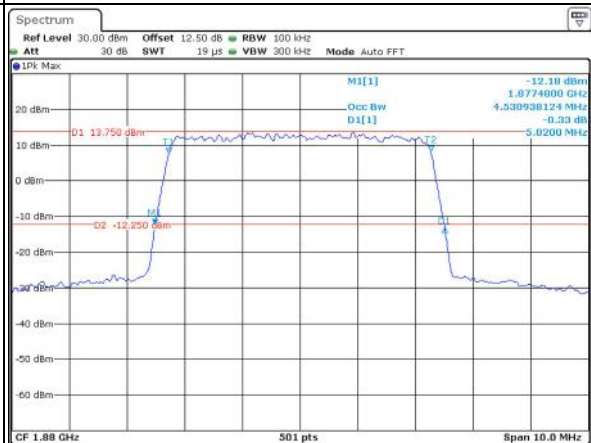
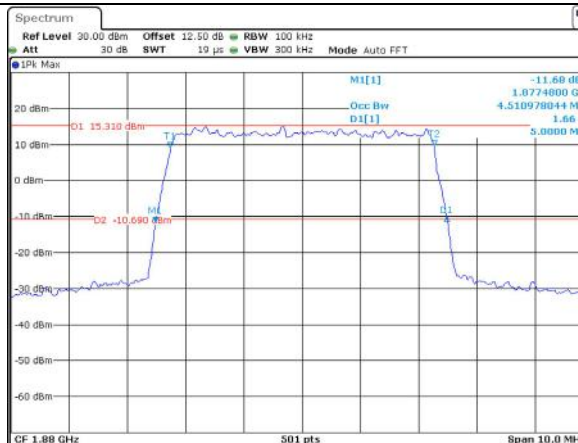
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

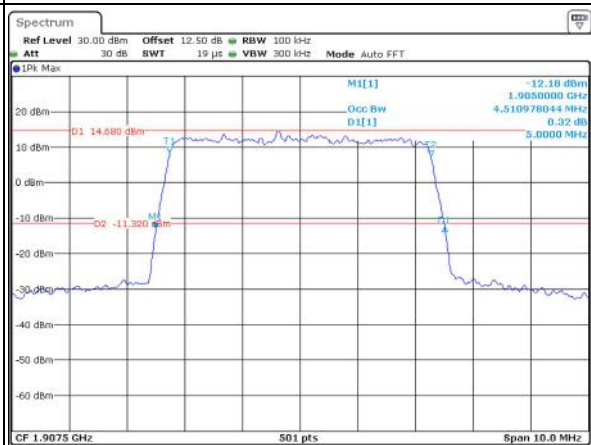
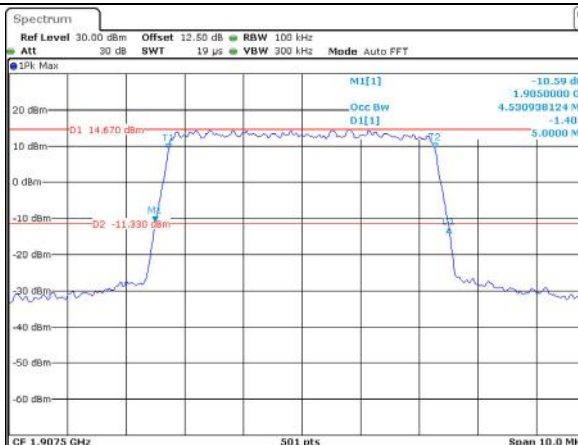
Lowest



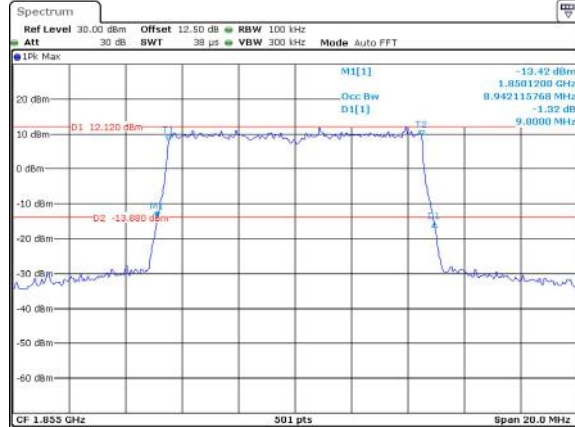
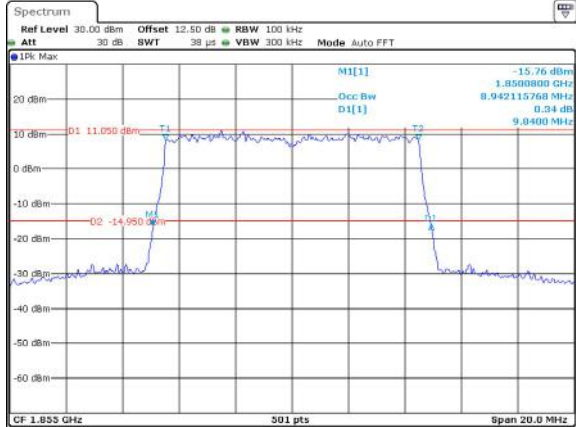
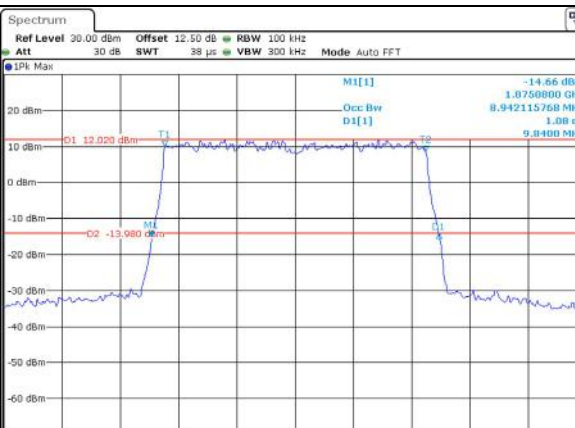
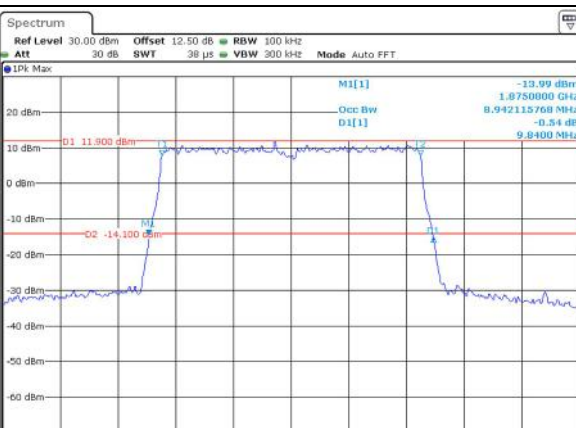
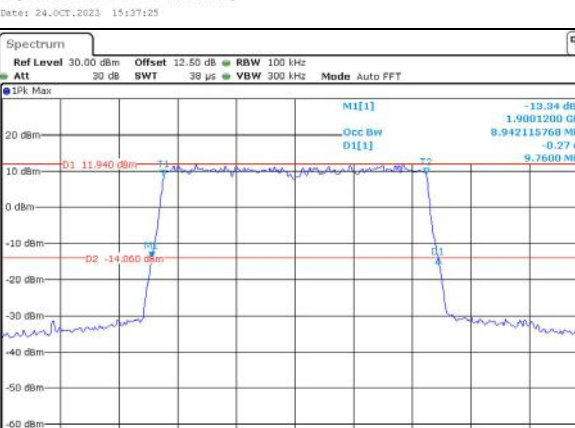
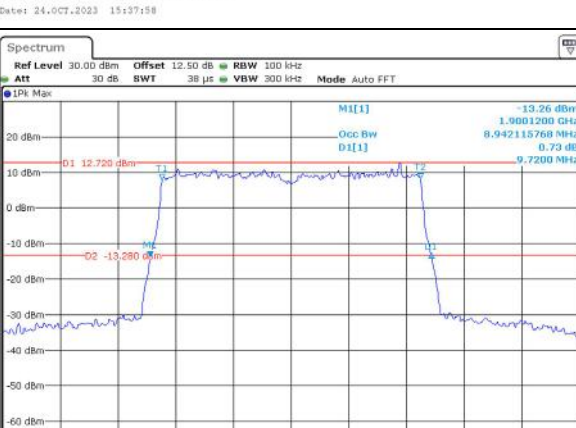
Middle



Highest



Occupied Bandwidth

Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:35:59	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:37:00
Middle	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:37:25	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:37:58
Highest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:38:10	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:38:57

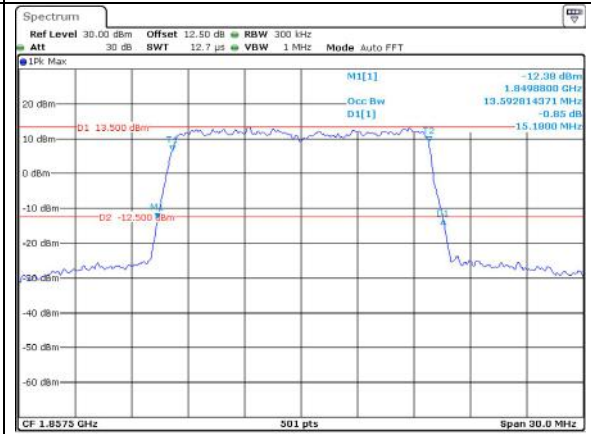
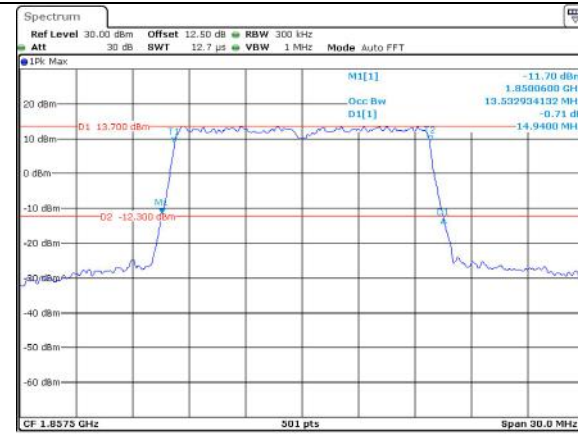
Occupied Bandwidth

Channel

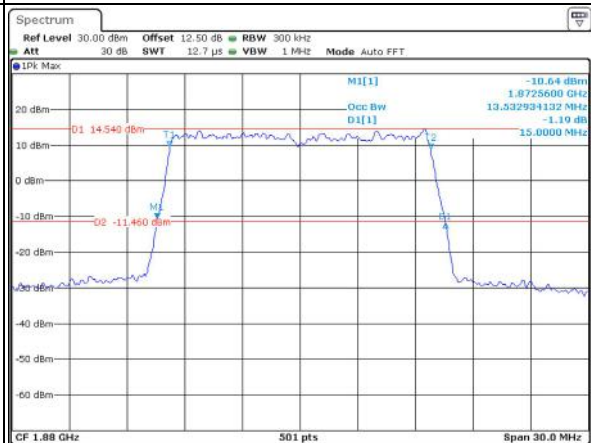
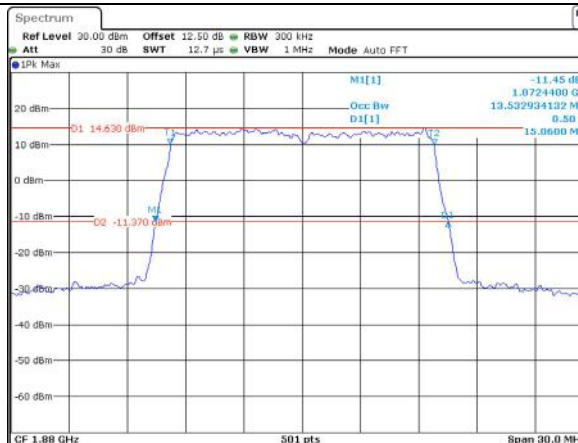
15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

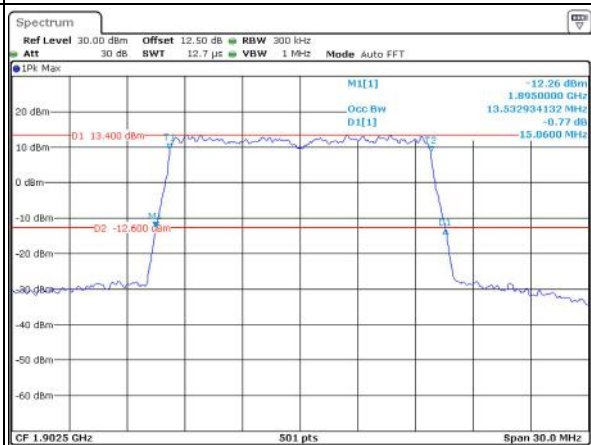
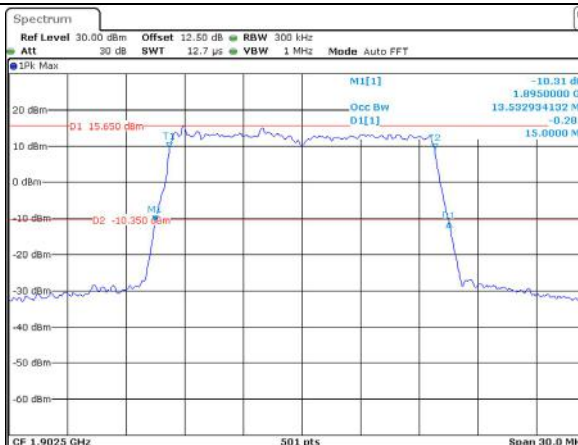
Lowest



Middle



Highest



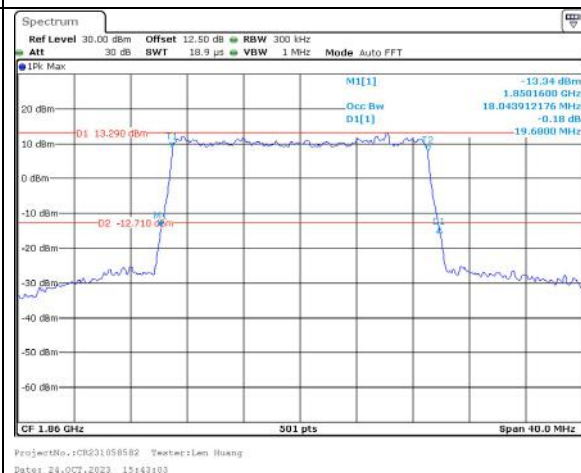
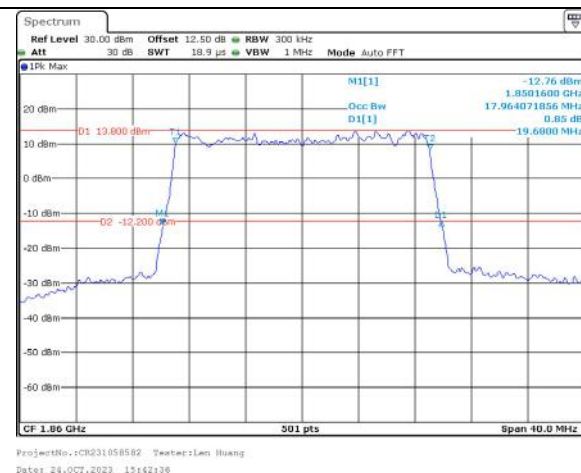
Occupied Bandwidth

Channel

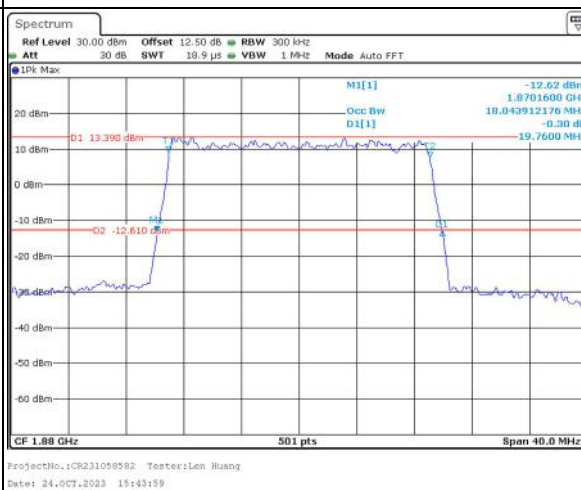
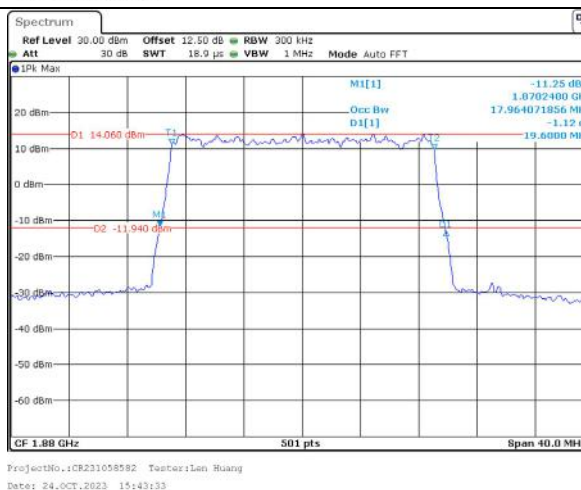
20MHz Bandwidth QPSK

20MHz Bandwidth 16QAM

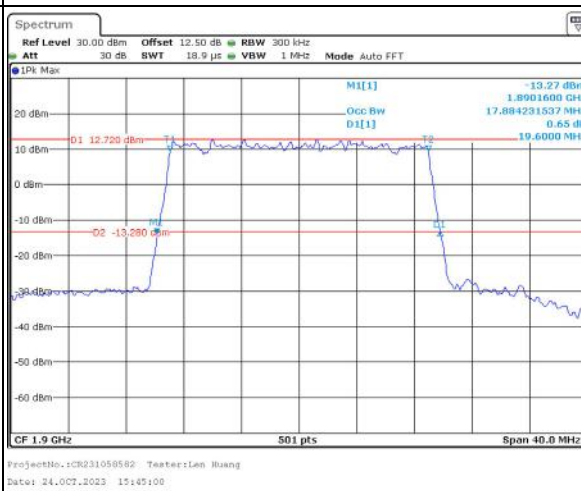
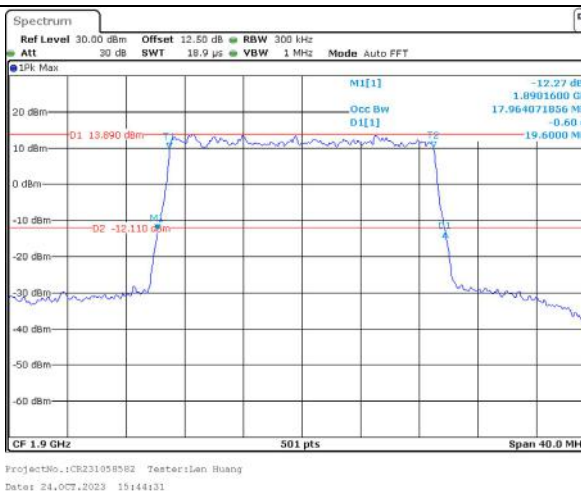
Lowest



Middle



Highest

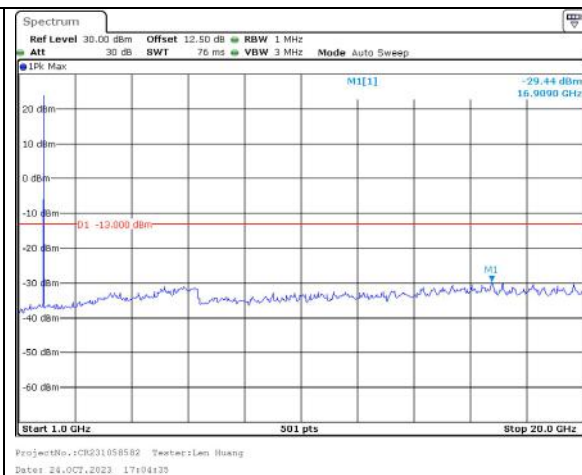
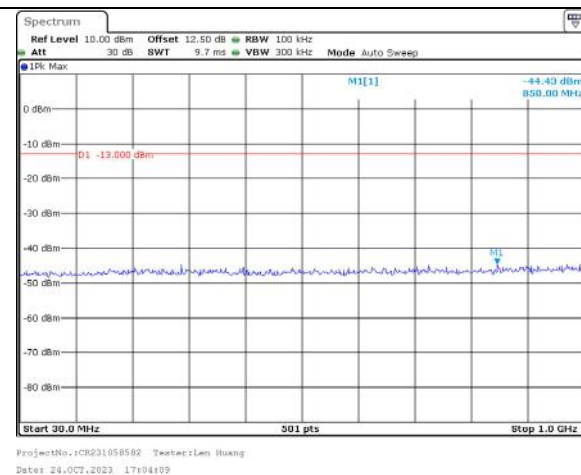


Spurious Emissions at Antenna Terminal

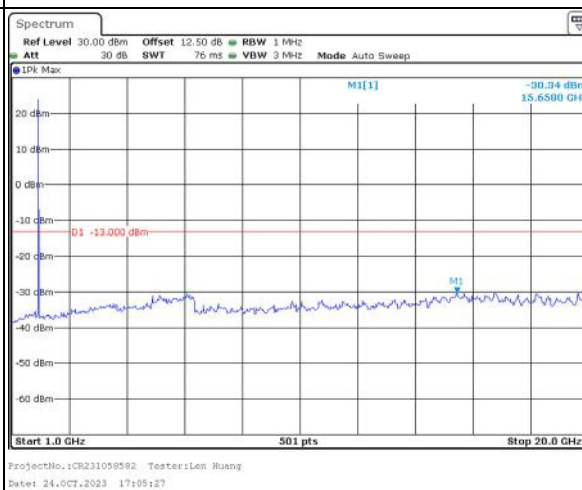
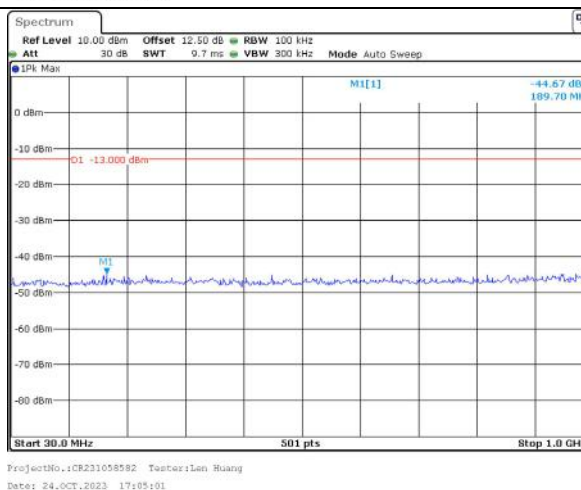
Channel

1.4MHz Bandwidth QPSK

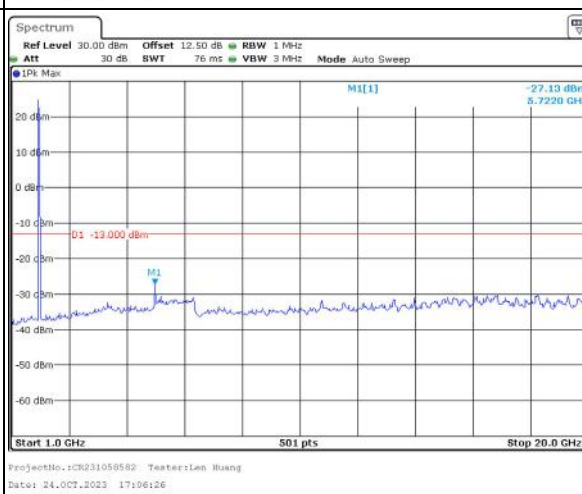
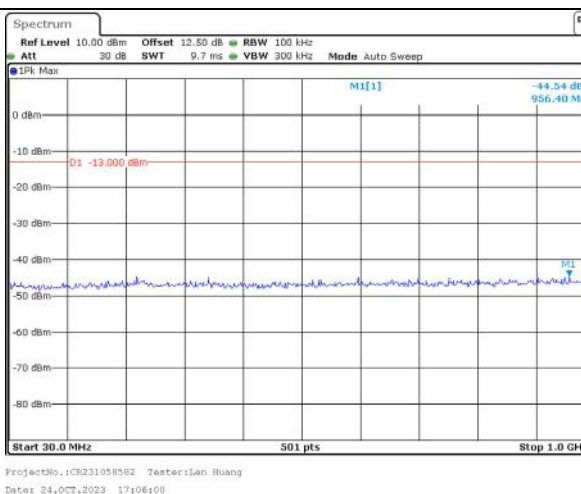
Lowest



Middle



Highest

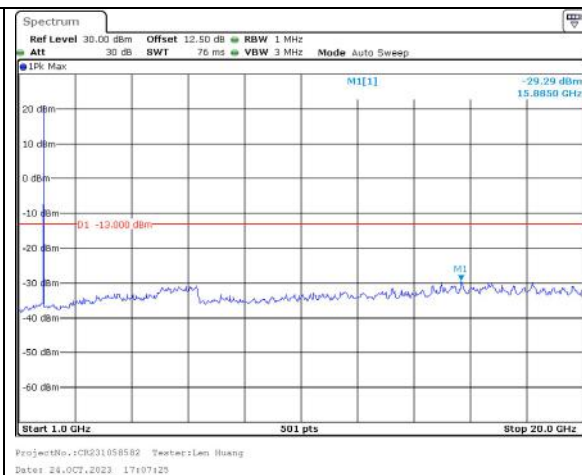
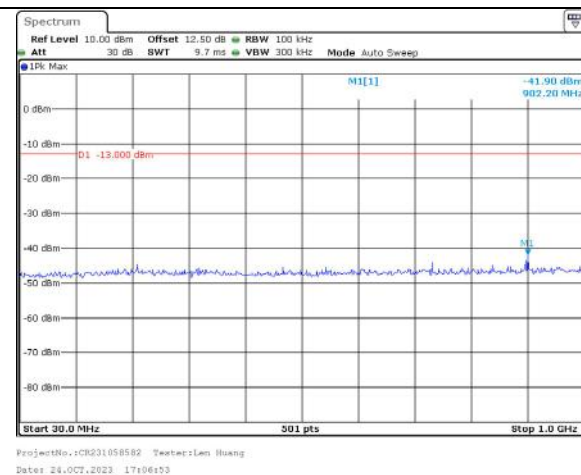


Spurious Emissions at Antenna Terminal

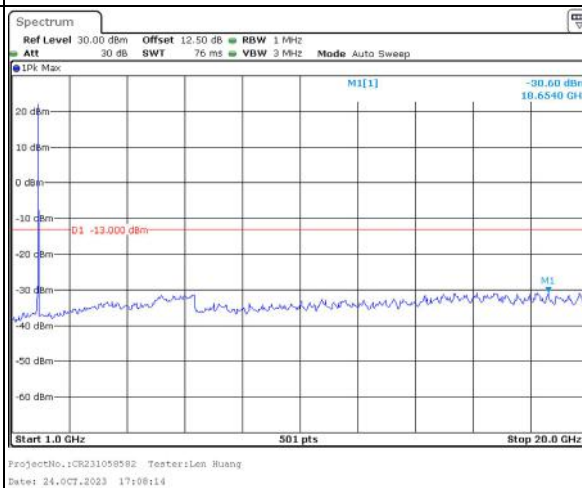
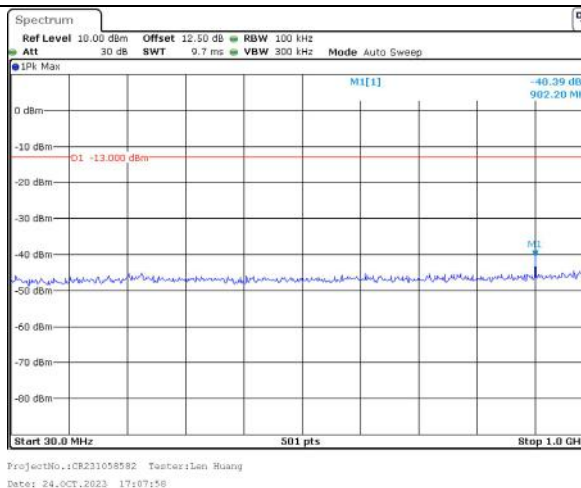
Channel

3MHz Bandwidth QPSK

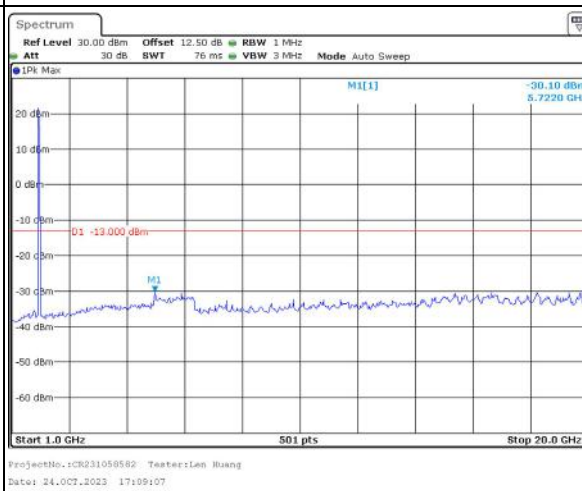
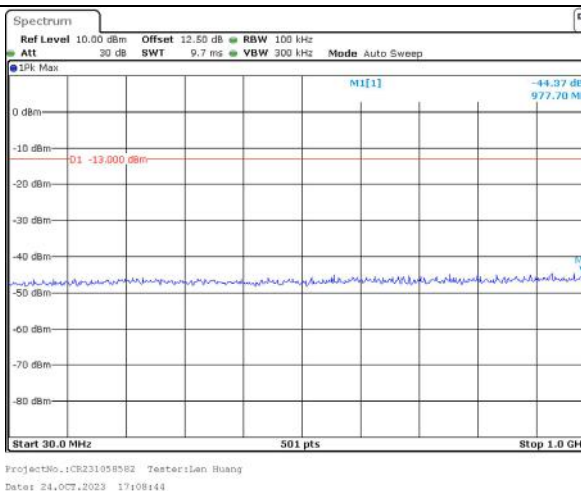
Lowest



Middle



Highest

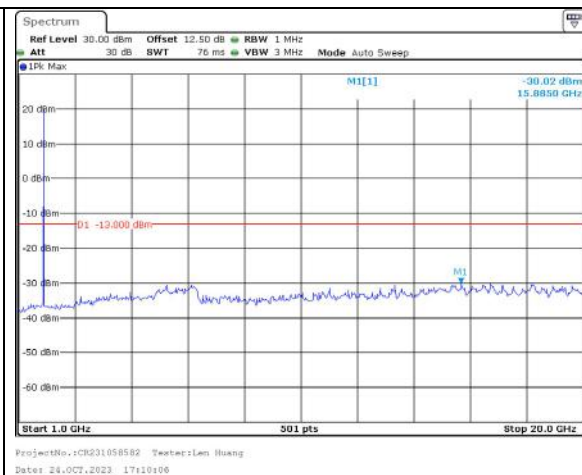
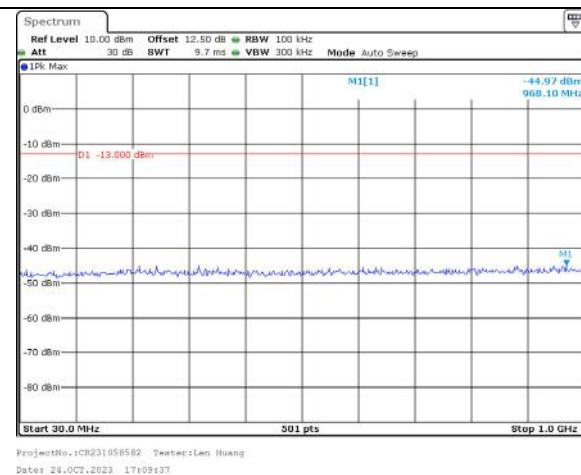


Spurious Emissions at Antenna Terminal

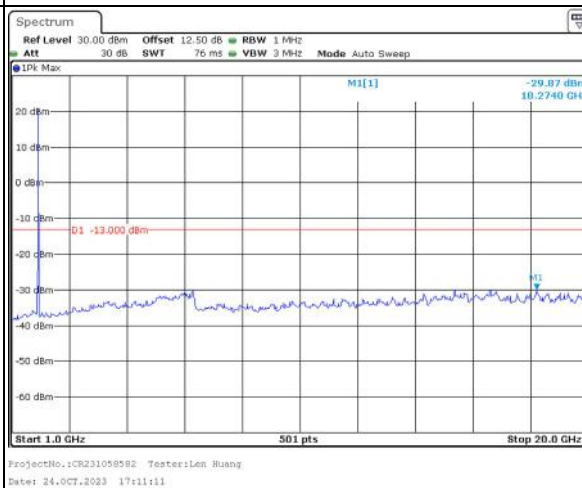
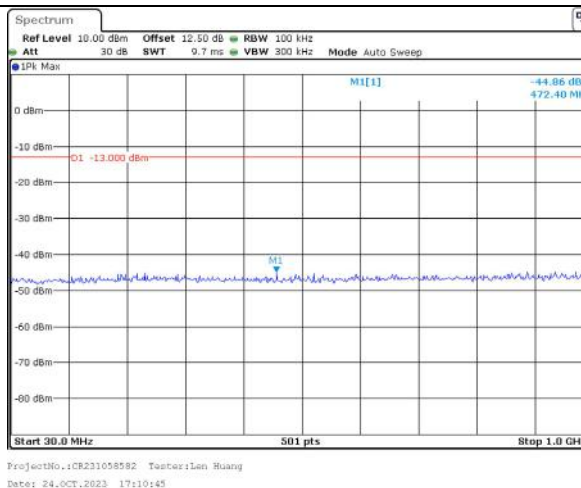
Channel

5MHz Bandwidth QPSK

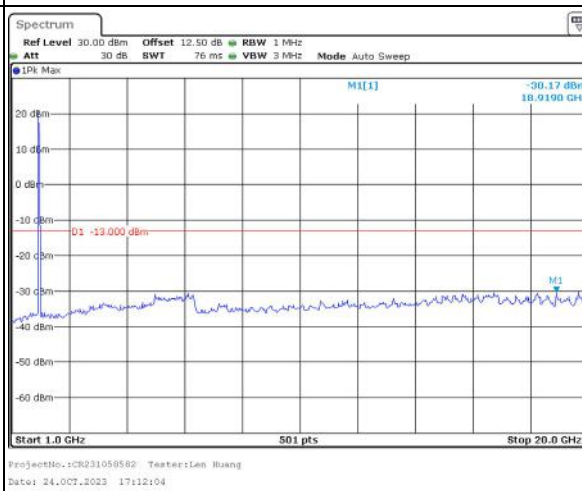
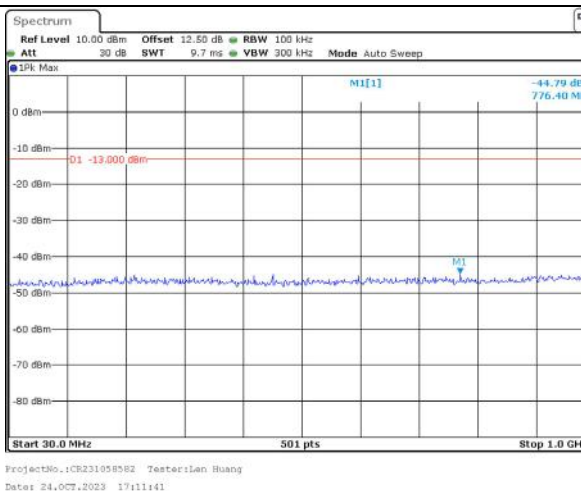
Lowest



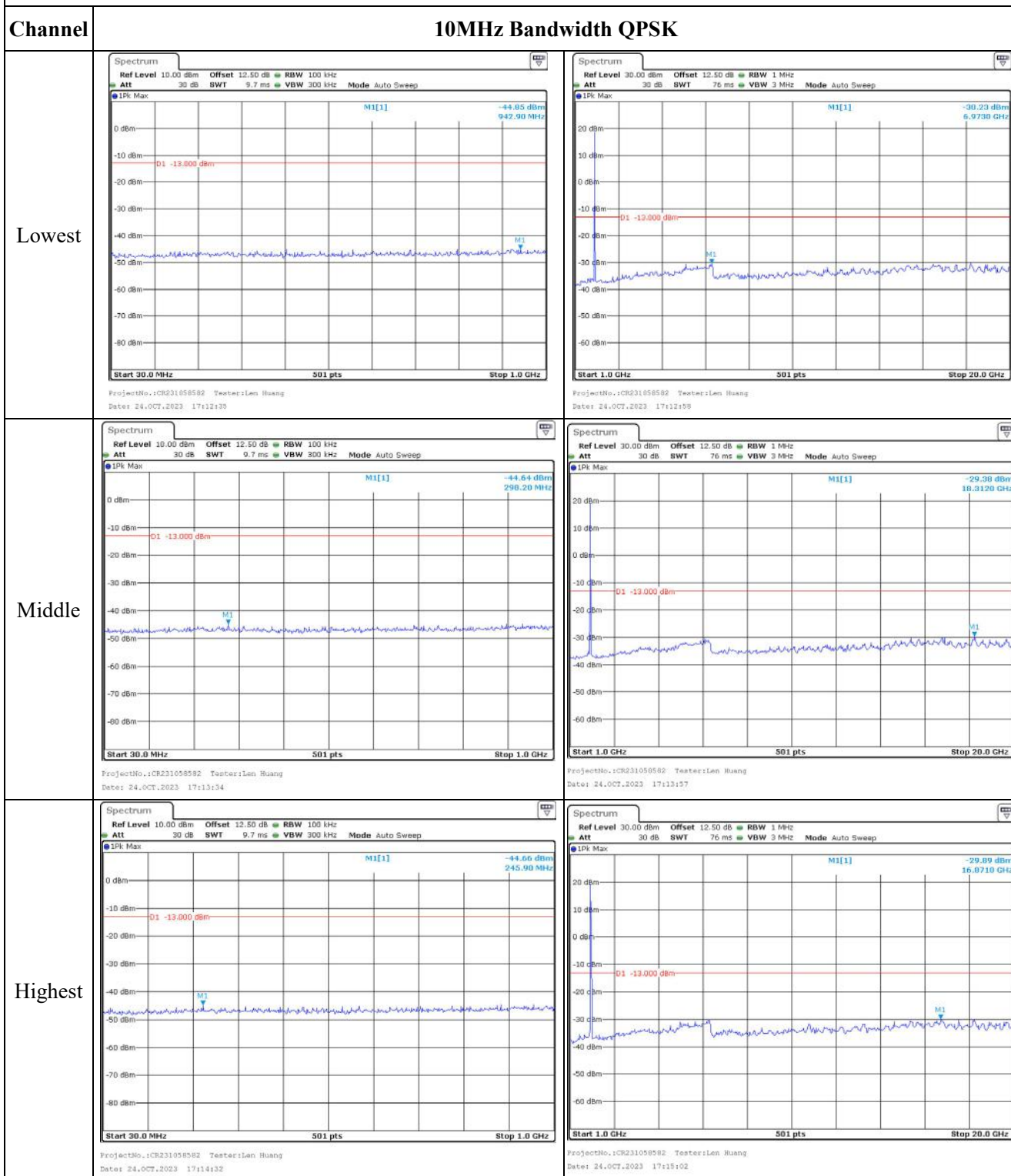
Middle



Highest



Spurious Emissions at Antenna Terminal

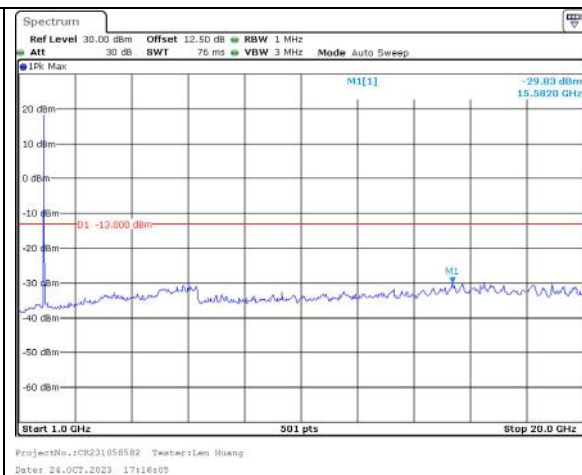
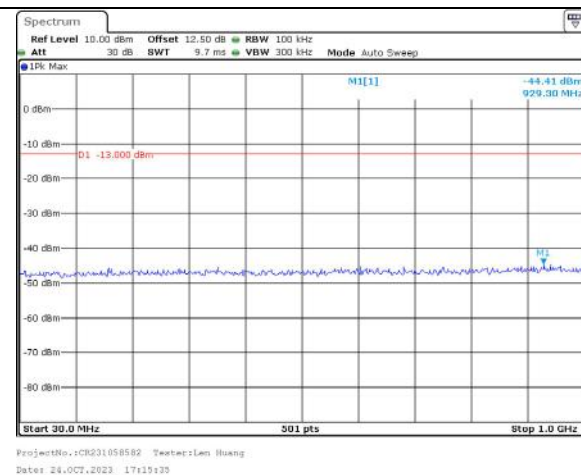


Spurious Emissions at Antenna Terminal

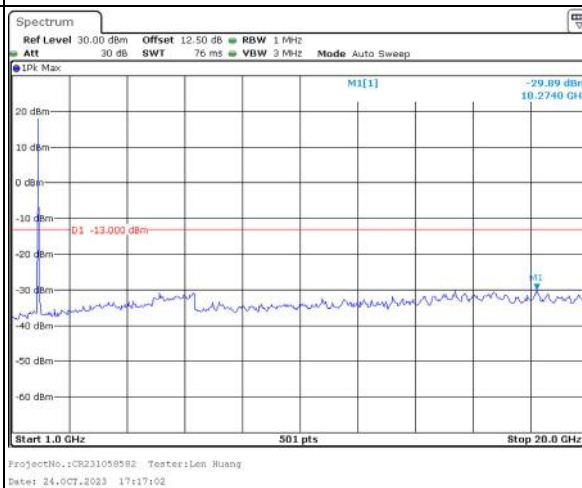
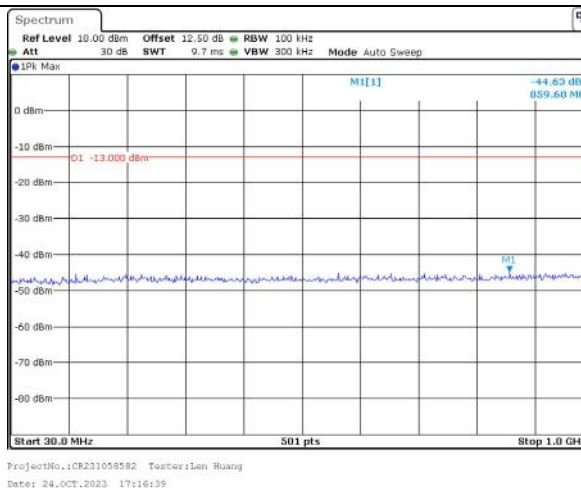
Channel

15MHz Bandwidth QPSK

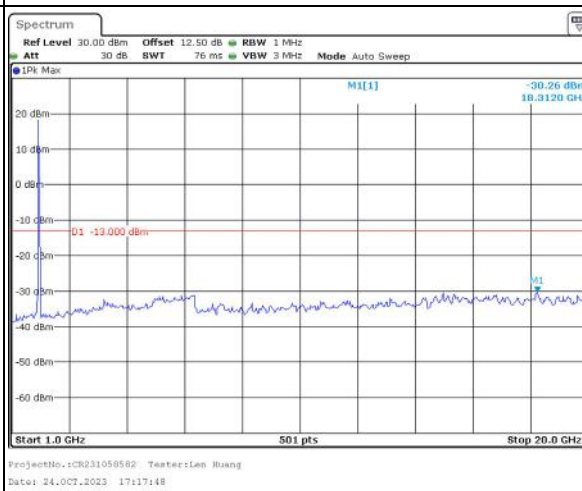
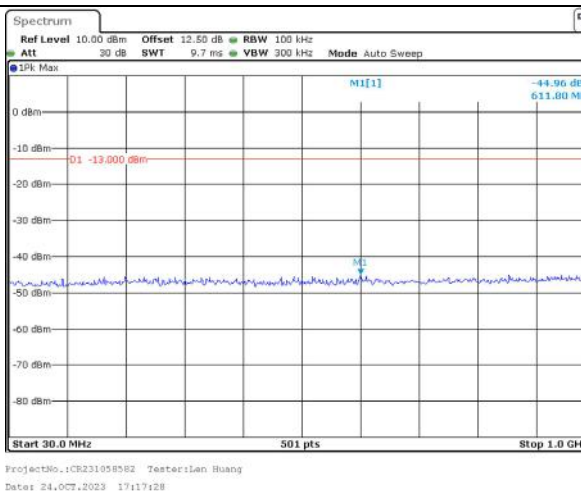
Lowest



Middle



Highest

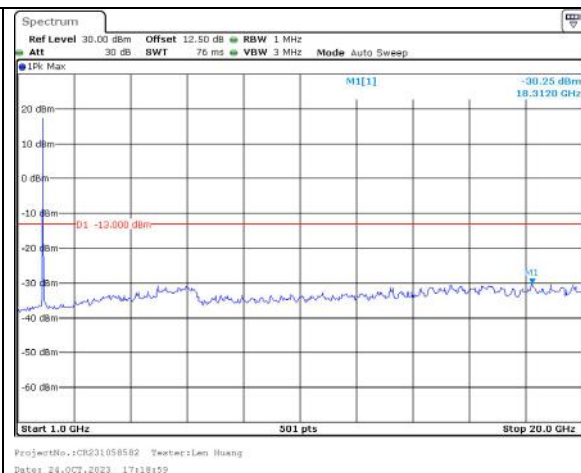
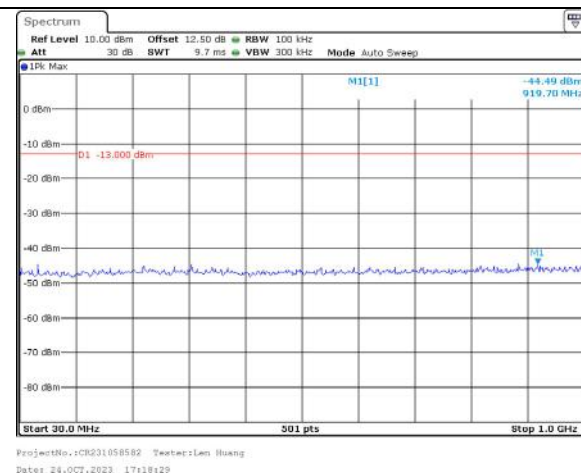


Spurious Emissions at Antenna Terminal

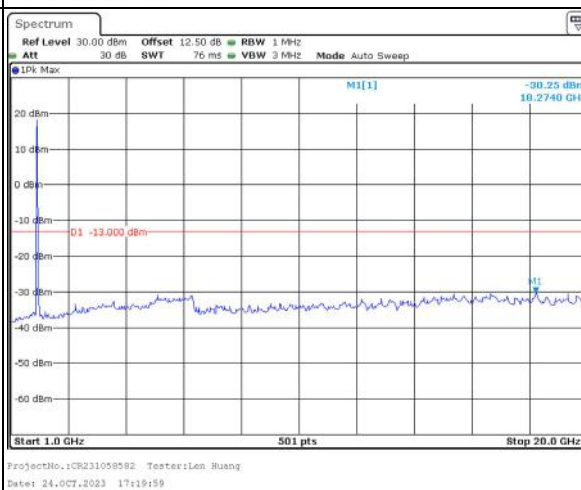
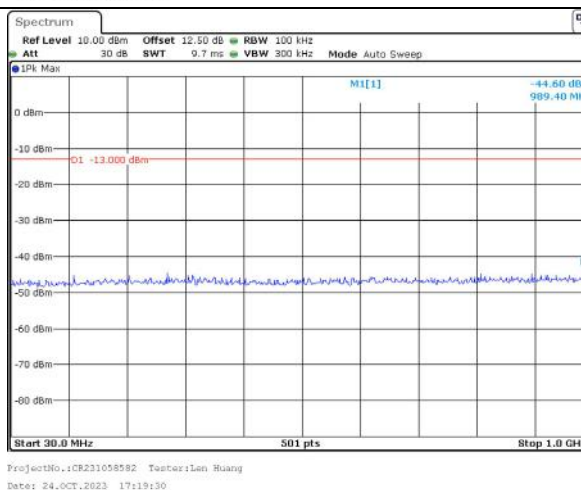
Channel

20MHz Bandwidth QPSK

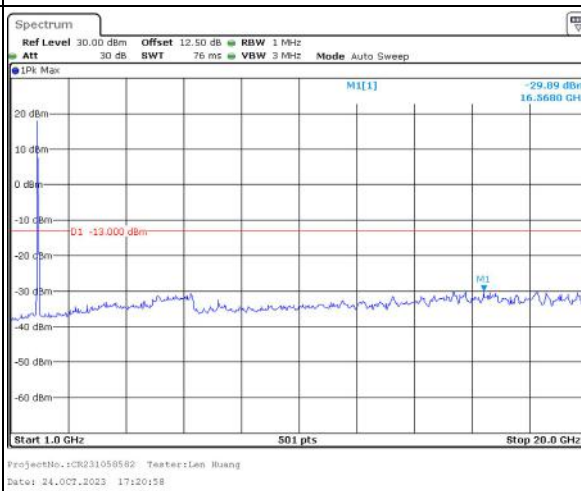
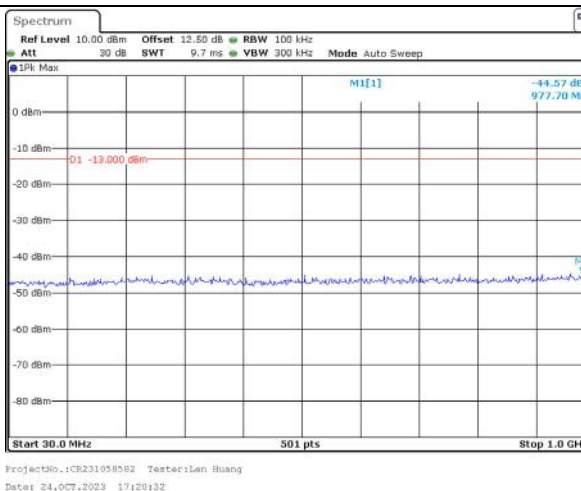
Lowest



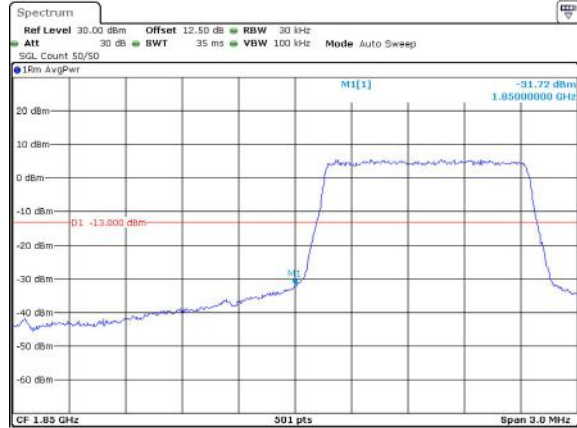
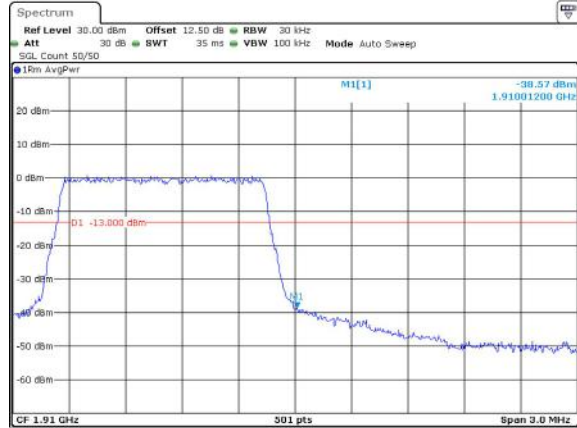
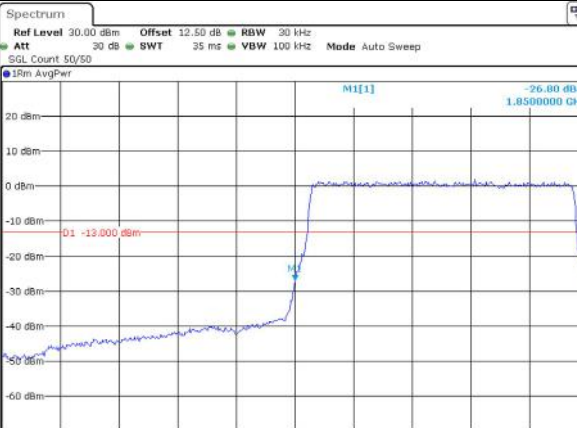
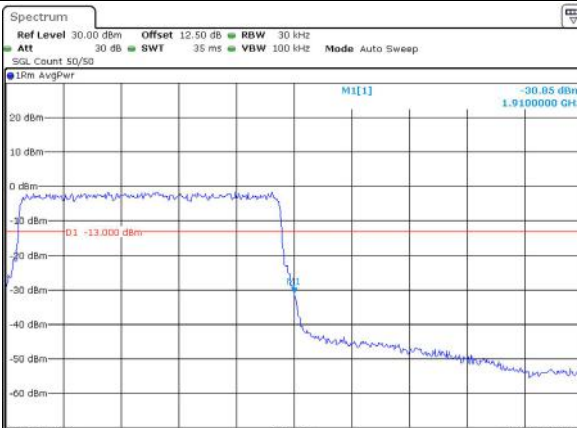
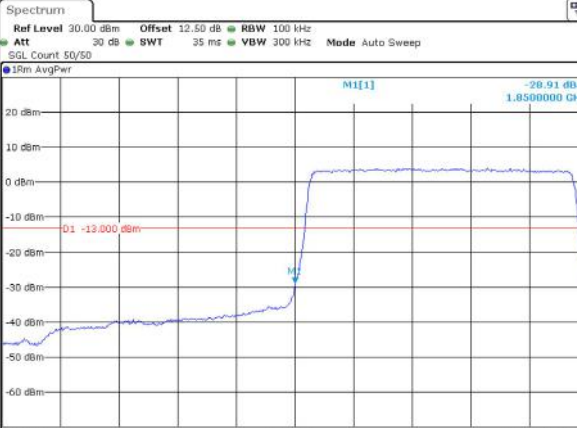
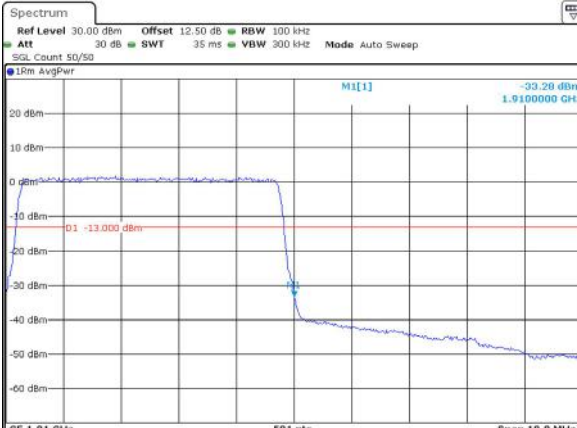
Middle



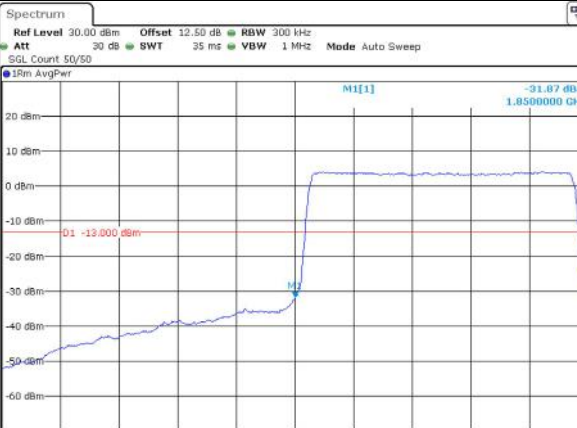
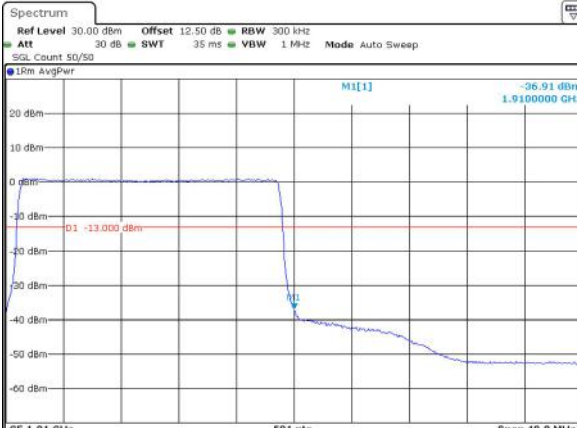
Highest



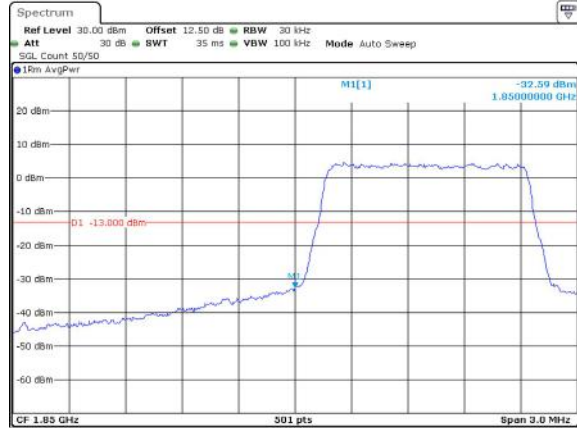
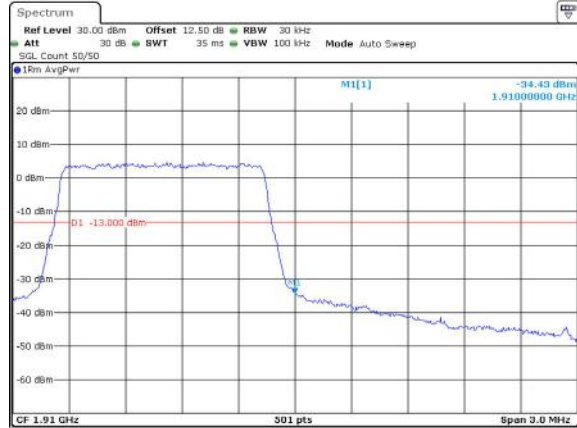
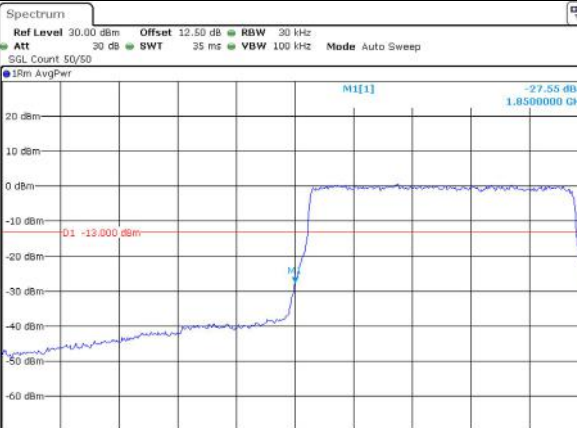
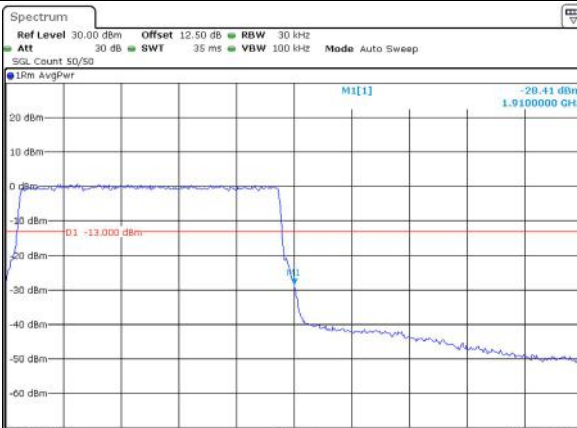
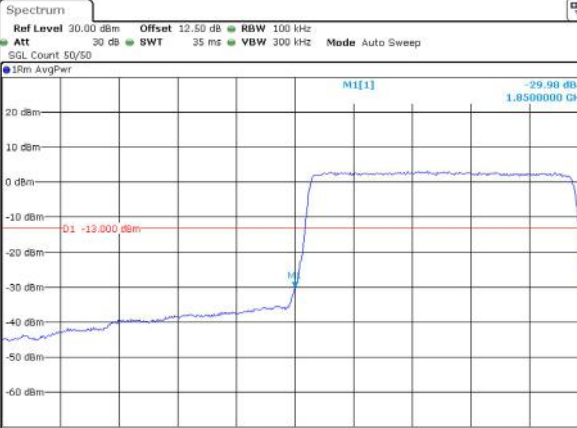
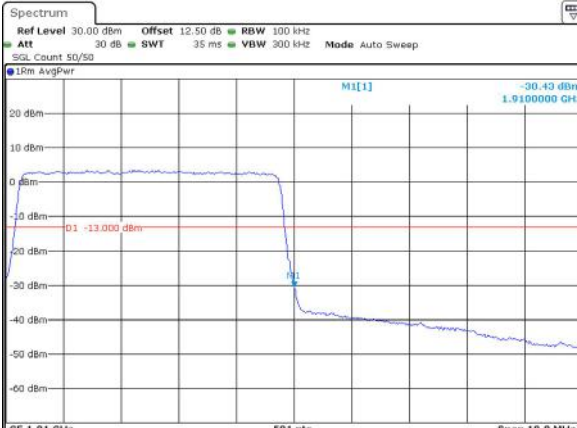
Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 1.4MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:32:15	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:32:30
QPSK 3MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:32:49	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:33:04
QPSK 5MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:33:24	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:33:40

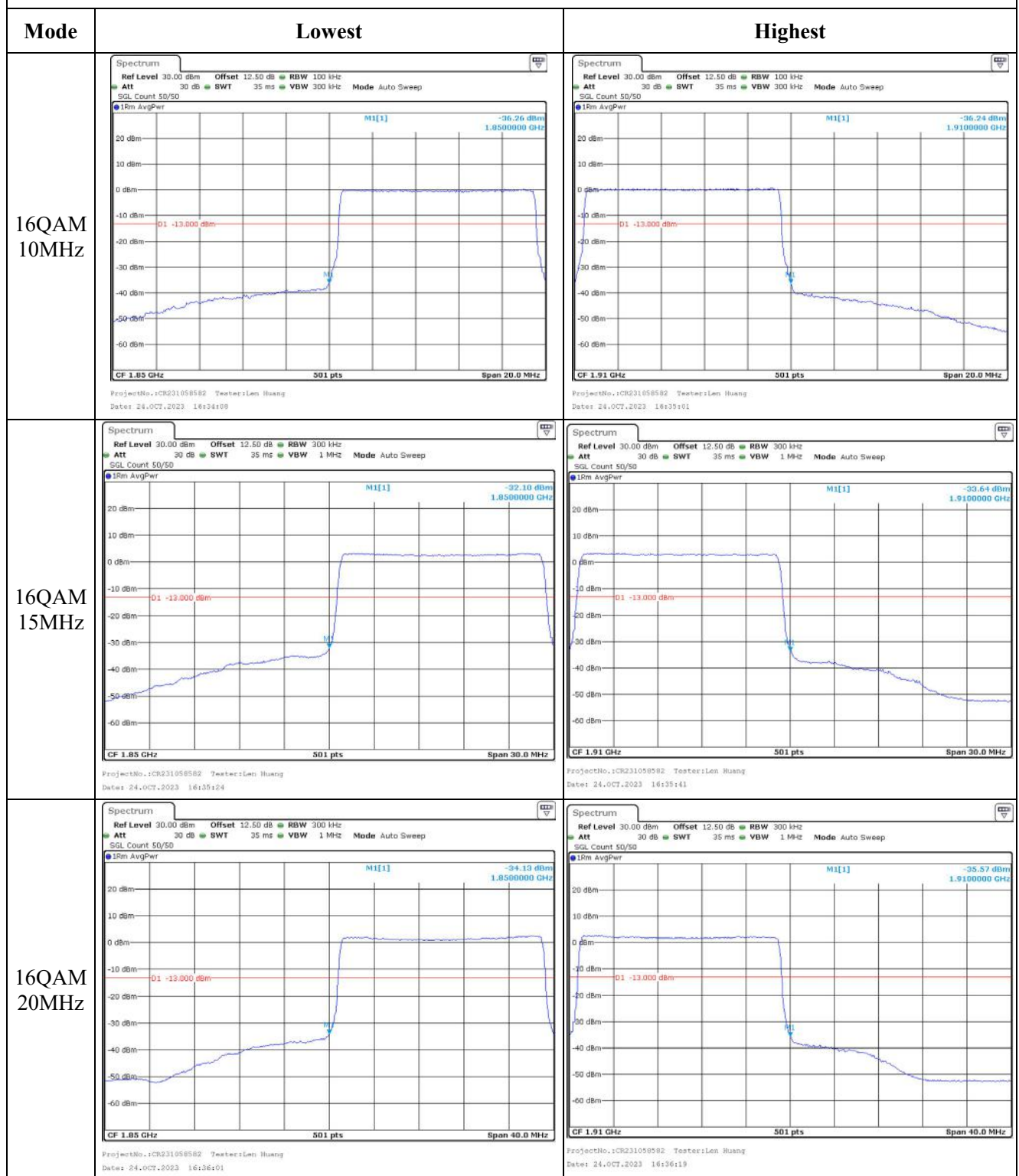
Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 10MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:34:01	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:34:53
QPSK 15MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:35:15	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:35:32
QPSK 20MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:35:54	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:36:09

Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:32:22	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:32:37
16QAM 3MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:32:56	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:33:11
16QAM 5MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:33:32	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:33:48

Out of band emission, Band Edge



4.7 Antenna Port Test Data and Results for LTE Band 4

Serial Number:	2BZE-3	Test Date:	2023/10/24-2023/10/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Len Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6-26	Relative Humidity: (%)	50-52	ATM Pressure: (kPa)	101-101.4
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40-N	102259	2023/4/18	2024/4/17
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Minl-Circuits	Power Splitter	ZFRSC-183-S+	S F448201619	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	2023/9/28	2024/9/27
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:**FCC§2.1046;§ 27.50(d)(4)****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	18.97	19.11	19.2	18.15	30
	RB1#3	19.21	19.31	19.35		
	RB1#5	19.04	19.12	19.15		
	RB3#0	19.06	19.23	19.3		
	RB3#3	19.1	19.25	19.27		
	RB6#0	18.09	18.24	18.31		
1.4MHz 16QAM	RB1#0	18.09	18.15	18.25	17.37	30
	RB1#3	18.35	18.37	18.41		
	RB1#5	18.2	18.2	18.23		
	RB3#0	18.1	18.39	18.57		
	RB3#3	18.17	18.4	18.55		
	RB6#0	17.24	17.28	17.41		
3MHz QPSK	RB1#0	18.38	18.7	19.25	18.15	30
	RB1#8	19.29	18.82	19.35		
	RB1#14	19.23	18.71	19.18		
	RB6#0	18.06	17.76	18.39		
	RB6#9	18.37	18.33	18.37		
	RB15#0	18.31	18.32	18.41		
3MHz 16QAM	RB1#0	18.22	18.22	18.93	17.85	30
	RB1#8	18.5	18.38	19.05		
	RB1#14	18.47	18.27	18.87		
	RB6#0	17.32	17.29	17.54		
	RB6#9	17.5	17.34	17.51		
	RB15#0	17.36	17.45	17.56		
5MHz QPSK	RB1#0	18.14	18.32	19.05	18.35	30
	RB1#13	18.93	19.45	19.55		
	RB1#24	18.51	18.95	19		
	RB15#0	18.16	18.32	18.45		
	RB15#10	18.32	18.36	18.41		
	RB25#0	18.26	18.29	18.38		
5MHz 16QAM	RB1#0	18.14	18.02	18.07	17.69	30
	RB1#13	18.89	18.57	18.43		
	RB1#24	18.5	18.08	17.92		
	RB15#0	17.36	17.4	17.45		
	RB15#10	17.51	17.39	17.41		
	RB25#0	17.38	17.29	17.4		
10MHz QPSK	RB1#0	18.61	19.07	19.33	18.57	30

	RB1#25	19.16	19.37	19.45		
	RB1#49	19.45	19.77	19.75		
	RB25#0	18.07	18.31	18.58		
	RB25#25	18.36	18.67	18.75		
	RB50#0	18.22	18.5	18.66		
10MHz 16QAM	RB1#0	17.85	18.09	19.09	18.21	30
	RB1#25	18.38	18.43	19.13		
	RB1#49	18.6	18.82	19.41		
	RB25#0	17.16	17.48	17.65		
	RB25#25	17.42	17.84	17.76		
	RB50#0	17.3	17.56	17.63		
15MHz QPSK	RB1#0	18.08	15.68	20.05	18.85	30
	RB1#38	19.23	19.55	20.02		
	RB1#74	19.53	19.74	19.92		
	RB36#0	18.31	18.49	19.33		
	RB36#39	18.35	18.63	19.23		
	RB75#0	18.29	18.53	19.26		
15MHz 16QAM	RB1#0	18.15	18.82	19.93	18.73	30
	RB1#38	18.22	18.84	19.7		
	RB1#74	18.59	19.1	19.82		
	RB36#0	17.39	17.54	18.44		
	RB36#39	17.46	17.72	18.36		
	RB75#0	17.4	17.63	18.39		
20MHz QPSK	RB1#0	19.27	19.5	20.46	19.26	30
	RB1#50	19.16	19.31	19.96		
	RB1#99	19.48	19.67	20.45		
	RB50#0	18.49	18.63	19.6		
	RB50#50	18.57	18.79	19.54		
	RB100#0	18.52	18.69	19.55		
20MHz 16QAM	RB1#0	18.82	19.48	20.26	19.06	30
	RB1#50	18.39	18.94	19.45		
	RB1#99	19.09	19.66	20.17		
	RB50#0	17.5	17.65	18.69		
	RB50#50	17.58	17.82	18.59		
	RB100#0	17.52	17.73	18.57		
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	5.83	5.97	5.30	13
	RB100#0	5.65	6.32	5.48	13
20MHz 16QAM	RB1#0	6.41	6.96	5.74	13
	RB100#0	6.46	6.43	6.29	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
1.4MHz QPSK	1.102	1.102	1.096	1.254	1.230	1.254
1.4MHz 16QAM	1.090	1.102	1.102	1.254	1.254	1.266
3MHz QPSK	2.695	2.695	2.683	3.012	3.024	3.024
3MHz 16QAM	2.683	2.695	2.683	3.012	3.012	3.012
5MHz QPSK	4.491	4.511	4.511	4.960	5.020	5.020
5MHz 16QAM	4.511	4.511	4.531	5.020	5.000	5.040
10MHz QPSK	8.942	8.942	8.942	9.800	9.800	9.800
10MHz 16QAM	8.942	8.942	8.942	9.840	9.880	9.840
15MHz QPSK	13.473	13.533	13.533	14.880	15.060	15.060
15MHz 16QAM	13.533	13.533	13.533	15.120	15.120	14.880
20MHz QPSK	17.964	18.044	18.044	19.600	19.680	19.520
20MHz 16QAM	17.964	17.964	17.964	19.680	19.840	19.520

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.
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FCC §2.1051, § 27.53:Out of band emission, Band Edge

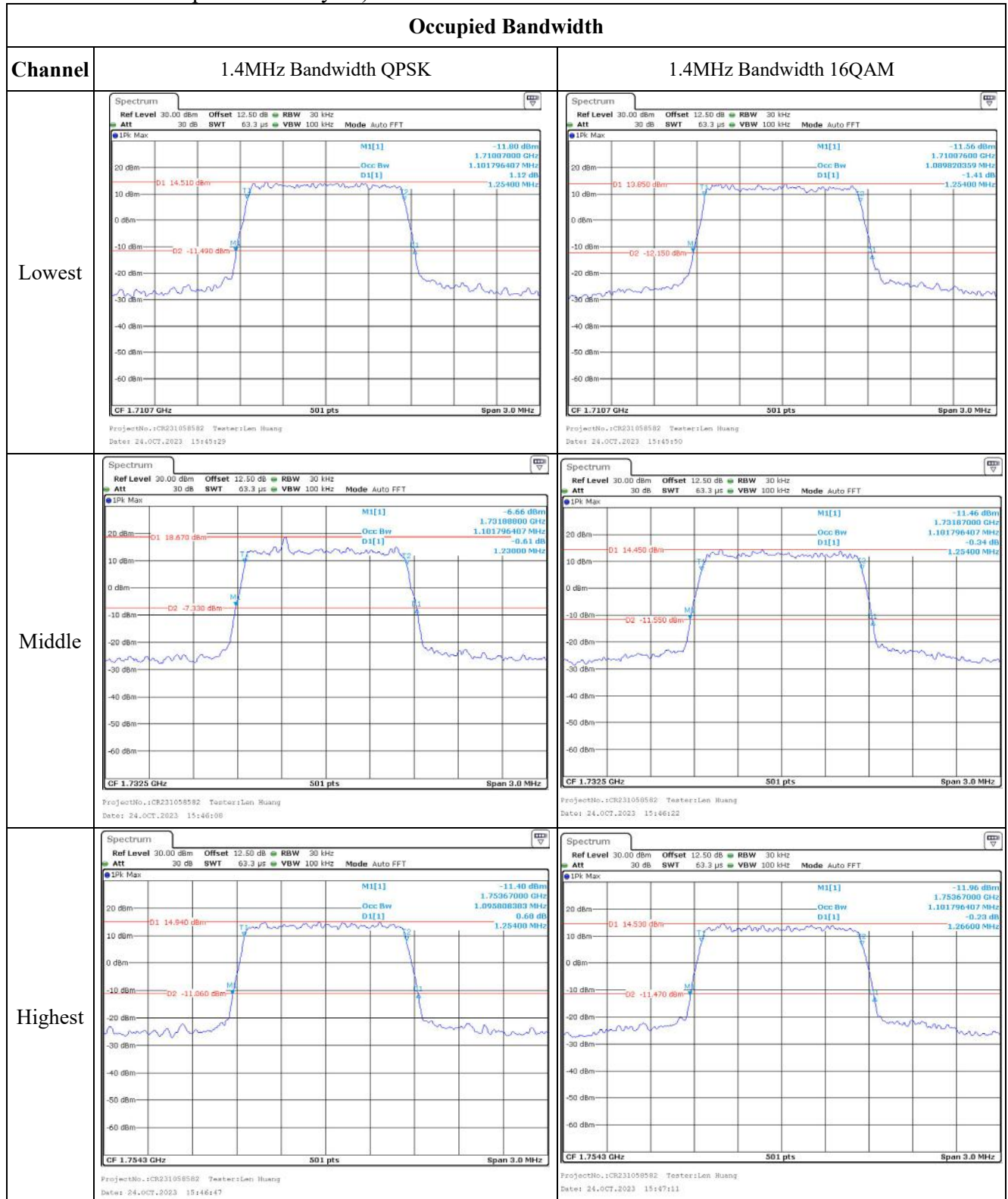
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.
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FCC §2.1055, §27.54: Frequency Stability

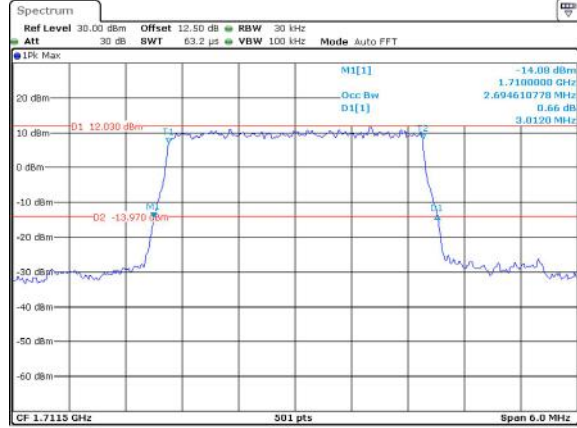
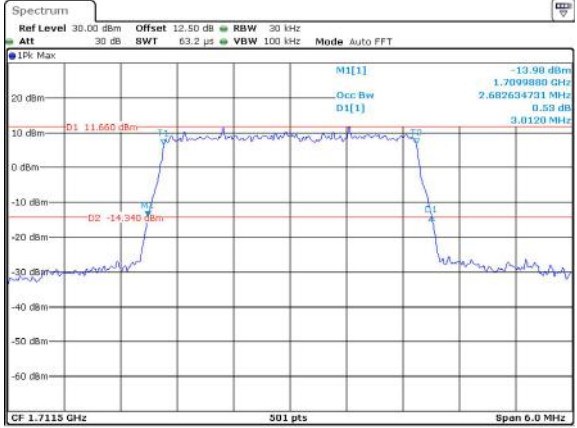
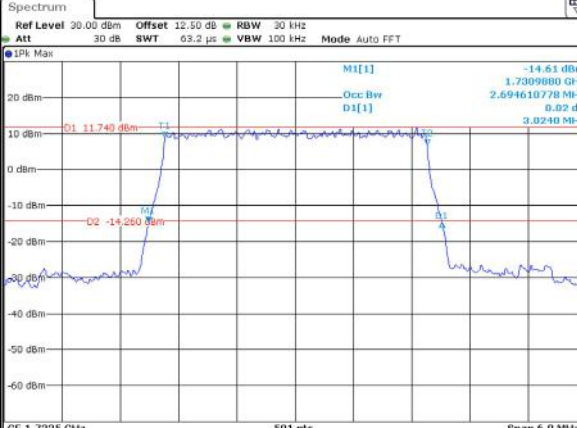
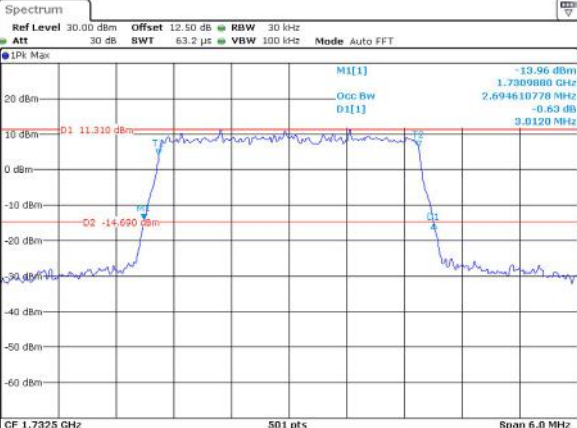
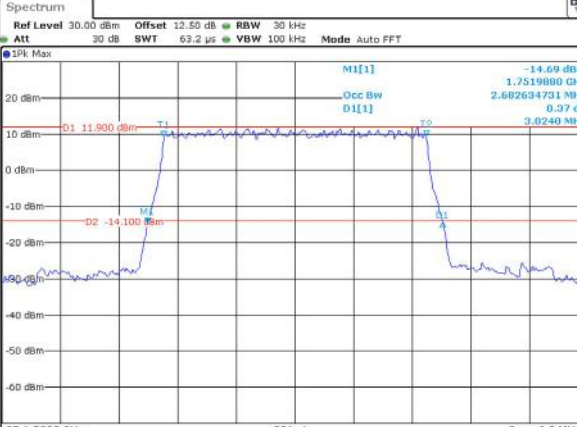
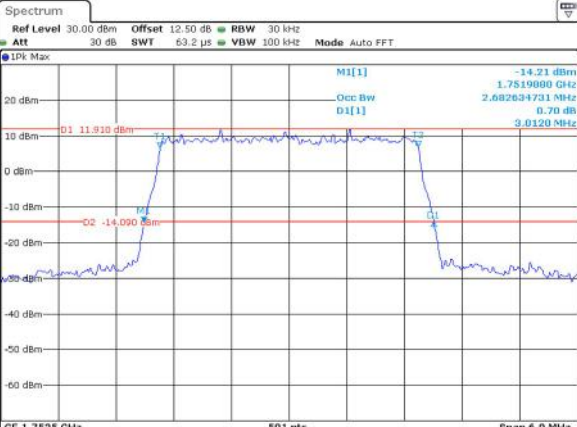
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1710.304	1710.00	1754.768	1755
	-20	3.85	1710.291	1710.00	1754.753	1755
	-10	3.85	1710.278	1710.00	1754.767	1755
	0	3.85	1710.256	1710.00	1754.749	1755
	10	3.85	1710.286	1710.00	1754.730	1755
	20	3.85	1710.264	1710.00	1754.756	1755
	30	3.85	1710.252	1710.00	1754.778	1755
	40	3.85	1710.252	1710.00	1754.755	1755
	50	3.85	1710.245	1710.00	1754.764	1755
Frequency Stability vs. Voltage	20	3.27	1710.248	1710.00	1754.747	1755
	20	4.43	1710.254	1710.00	1754.738	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	3.85	1710.119	1710.00	1754.871	1755
	-20	3.85	1710.123	1710.00	1754.862	1755
	-10	3.85	1710.113	1710.00	1754.877	1755
	0	3.85	1710.113	1710.00	1754.868	1755
	10	3.85	1710.110	1710.00	1754.890	1755
	20	3.85	1710.125	1710.00	1754.871	1755
	30	3.85	1710.116	1710.00	1754.872	1755
	40	3.85	1710.103	1710.00	1754.888	1755
	50	3.85	1710.128	1710.00	1754.871	1755
Frequency Stability vs. Voltage	20	3.27	1710.094	1710.00	1754.890	1755
	20	4.43	1710.088	1710.00	1754.867	1755
					Result:	Pass

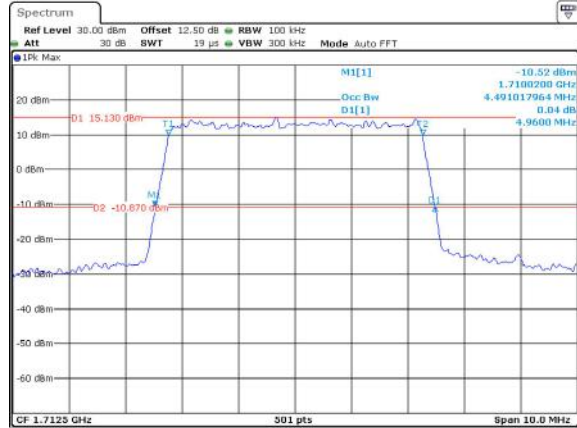
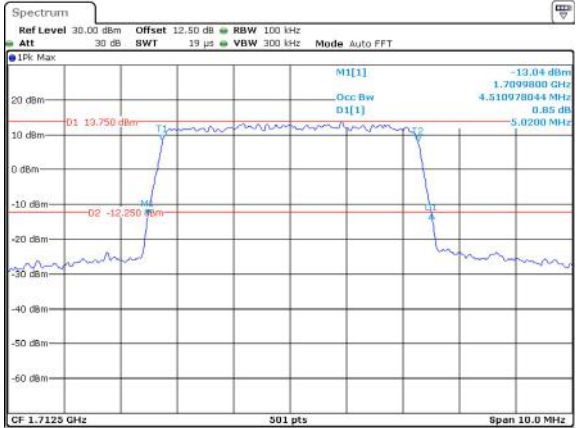
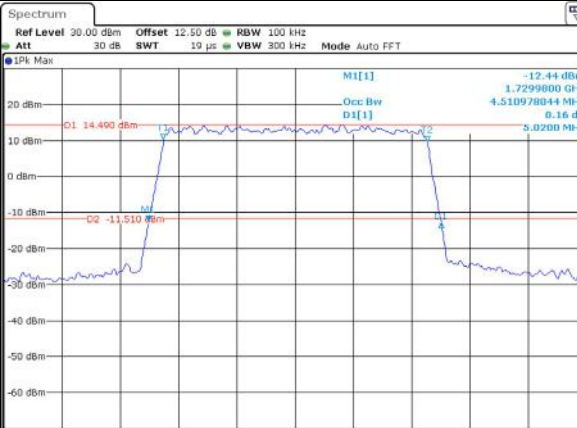
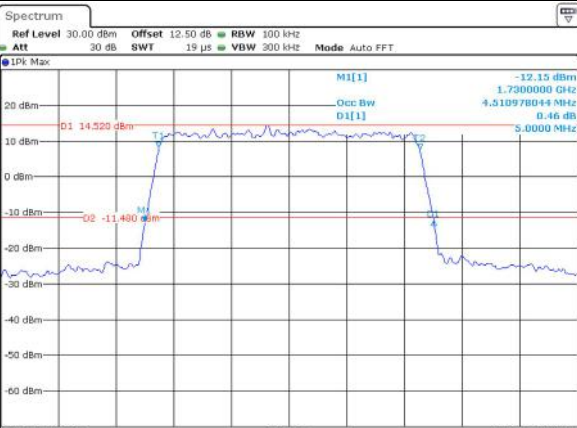
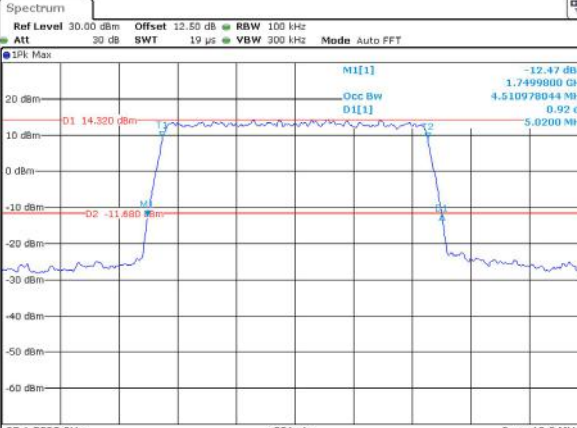
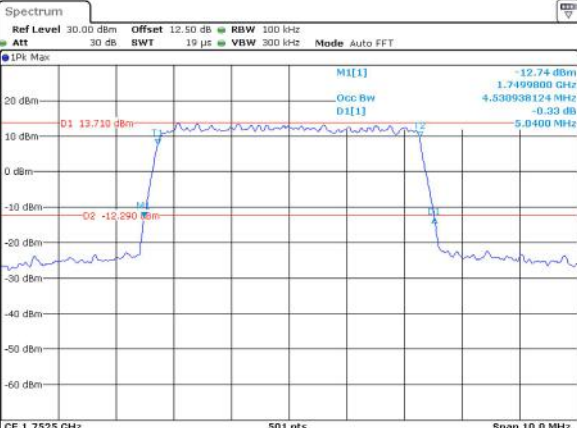
Test Plots(Note: The 11.5 dB is the Insertion loss of the RF cable and Power Splitter, which was offset into the Spectrum Analyzer):



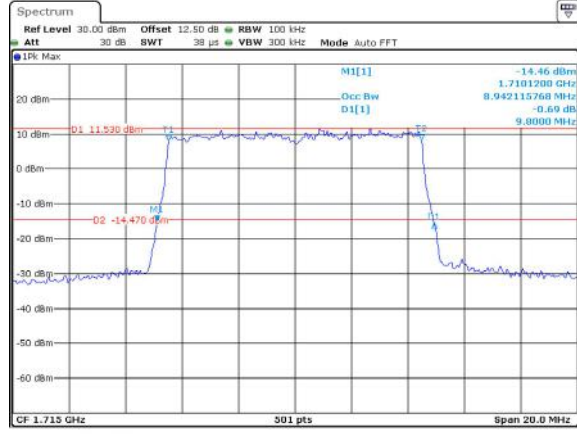
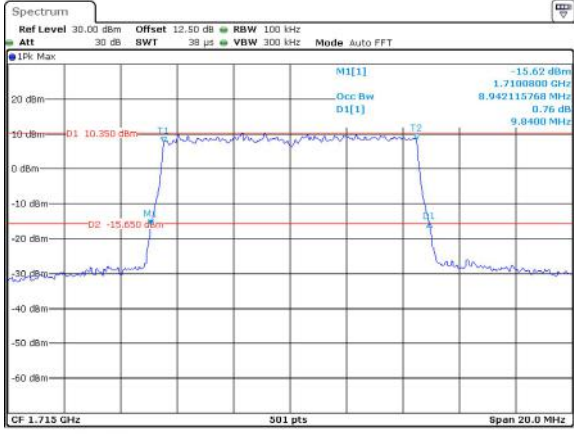
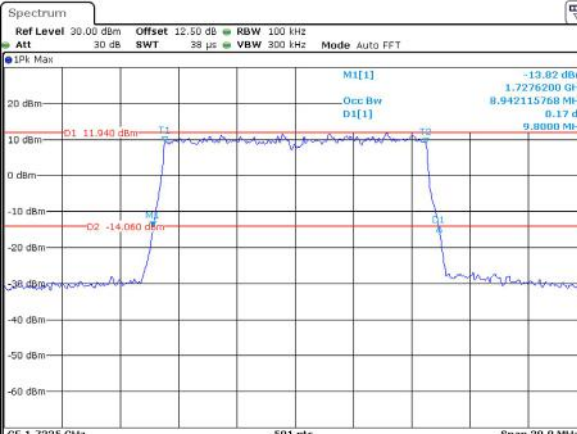
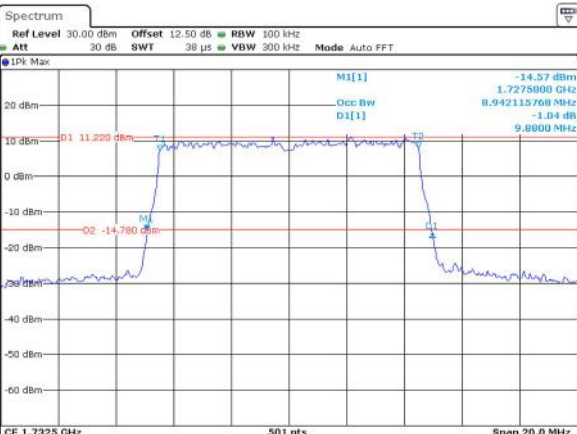
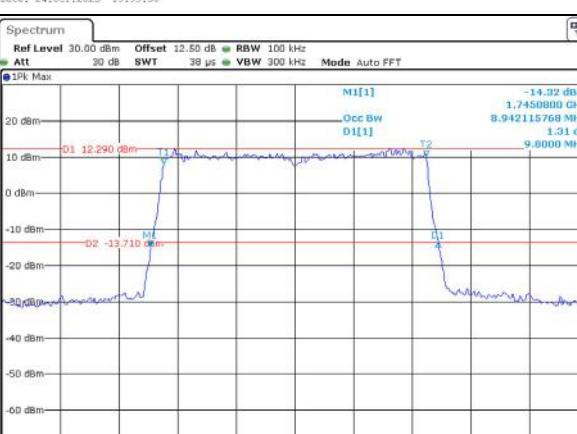
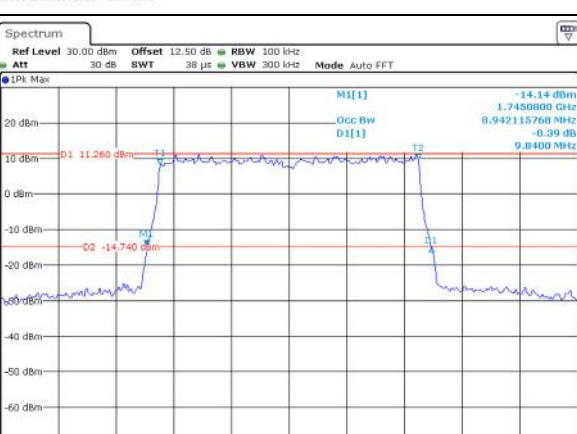
Occupied Bandwidth

Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:47:37	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:27:35
Middle	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:48:45	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:48:59
Highest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:50:08	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:50:22

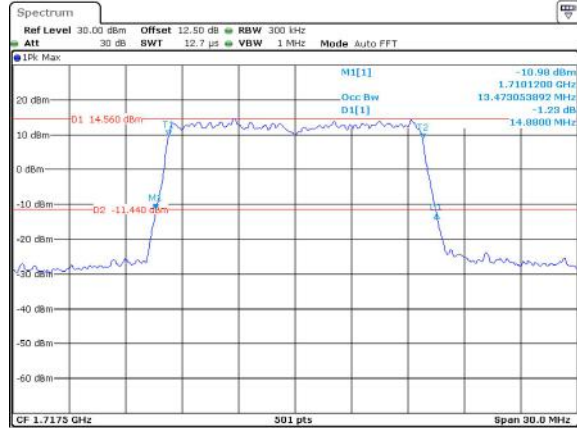
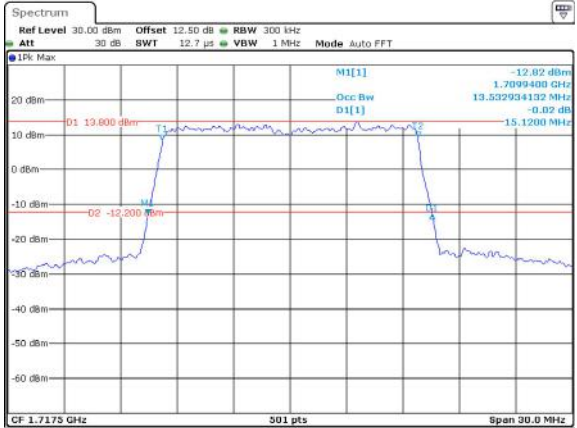
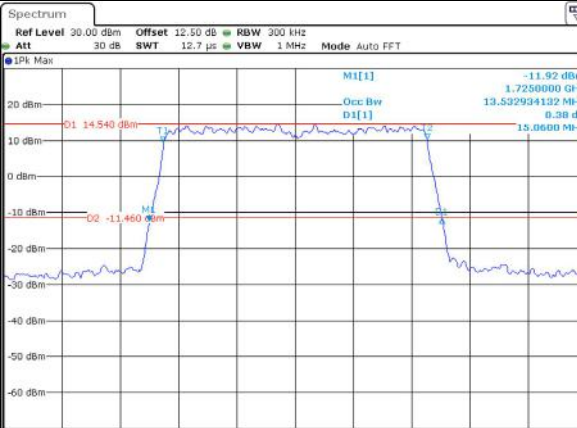
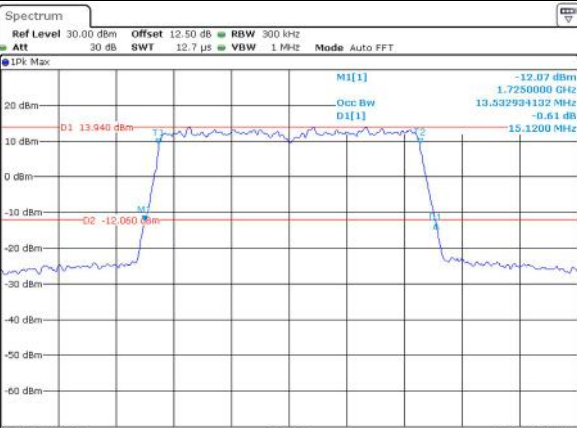
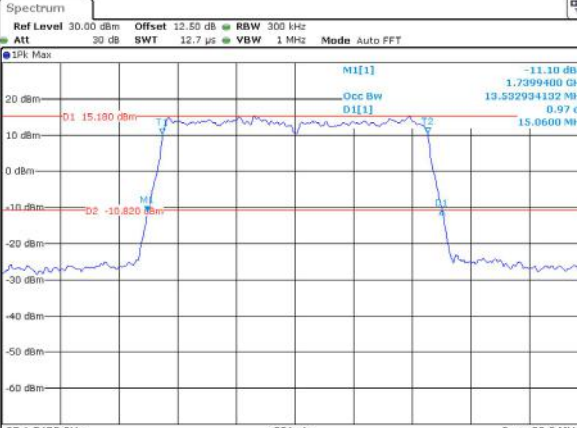
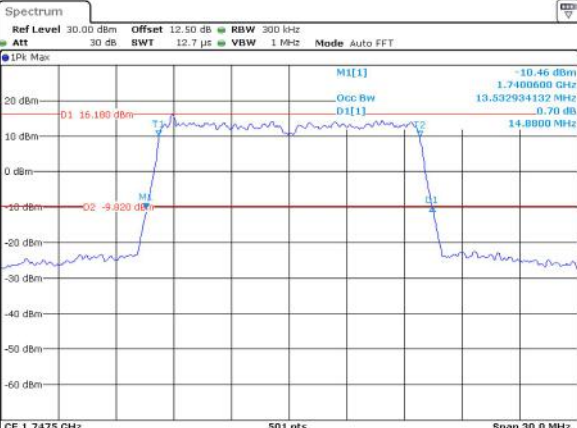
Occupied Bandwidth

Channel	5MHz Bandwidth QPSK	5MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

Occupied Bandwidth

Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:54:37	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:55:04
Middle	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:55:30	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:56:03
Highest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:56:35	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:57:05

Occupied Bandwidth

Channel	15MHz Bandwidth QPSK	15MHz Bandwidth 16QAM
Lowest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:57:33	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:58:07
Middle	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:58:37	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:59:29
Highest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 15:59:56	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:00:29

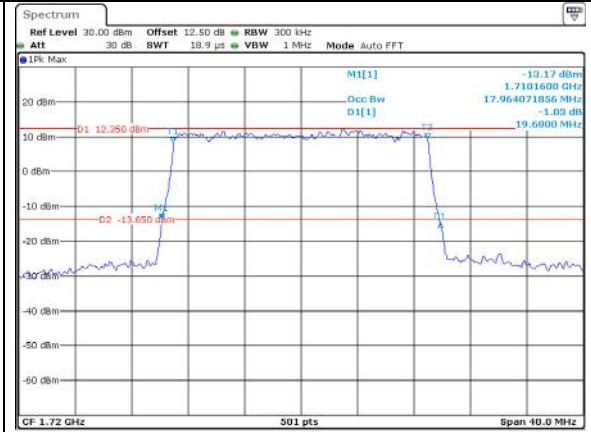
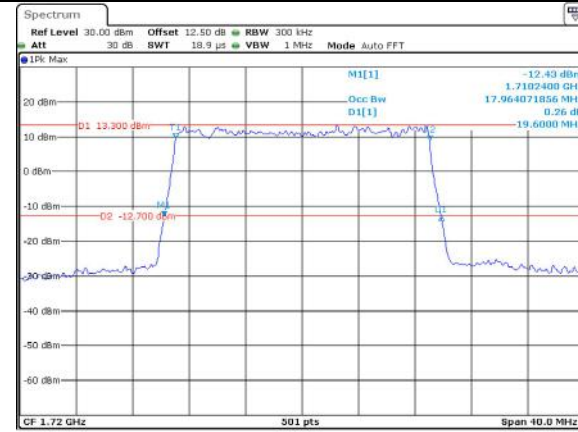
Occupied Bandwidth

Channel

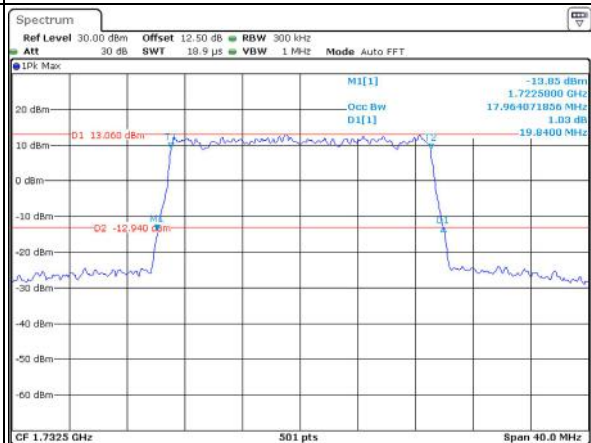
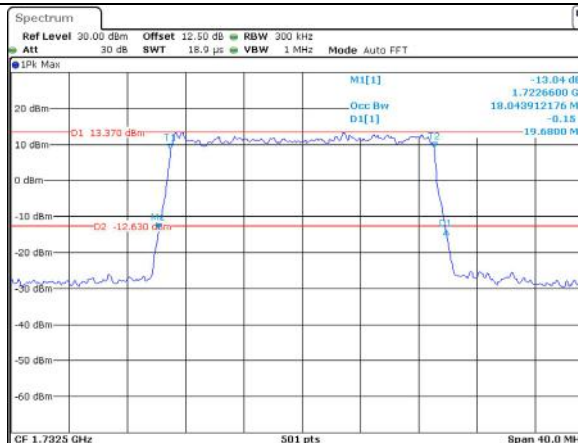
20MHz Bandwidth QPSK

20MHz Bandwidth 16QAM

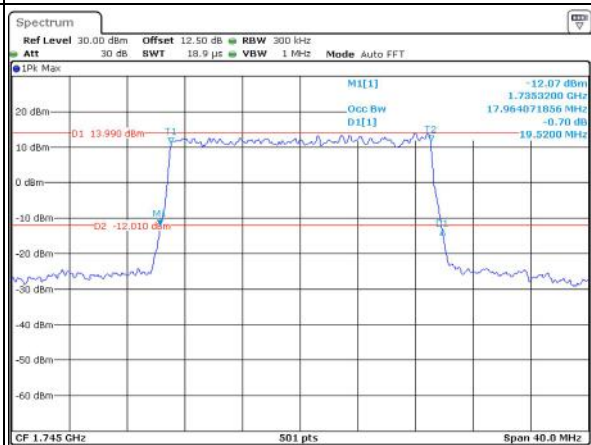
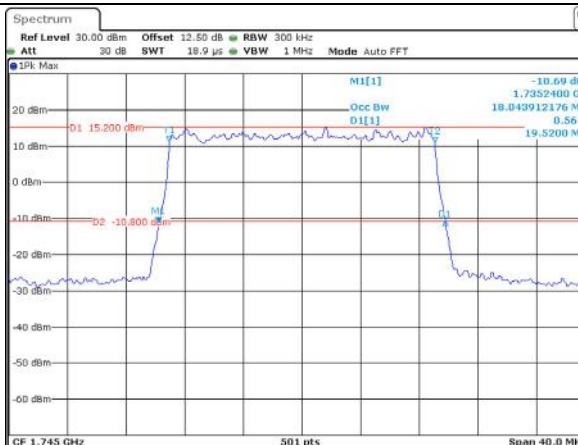
Lowest



Middle



Highest

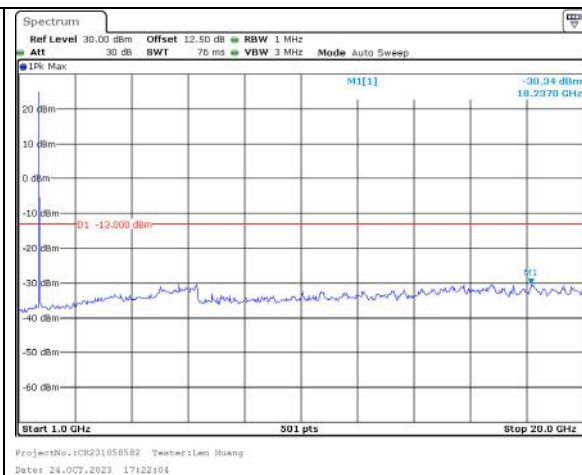
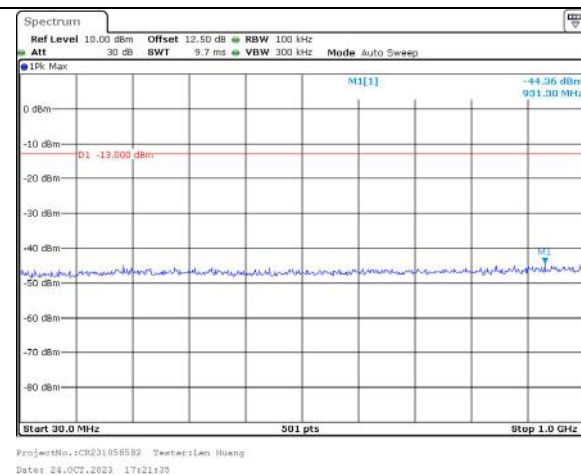


Spurious Emissions at Antenna Terminal

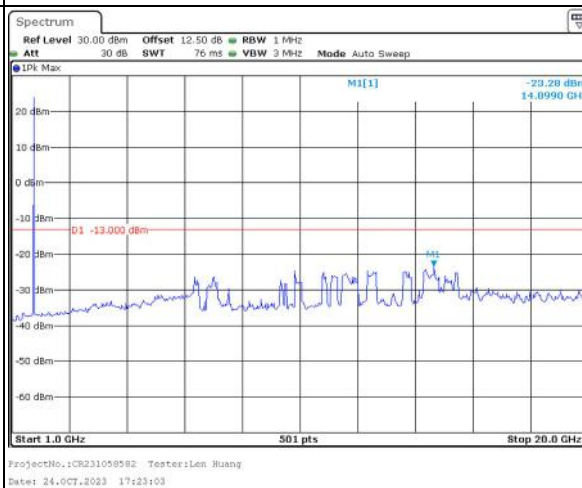
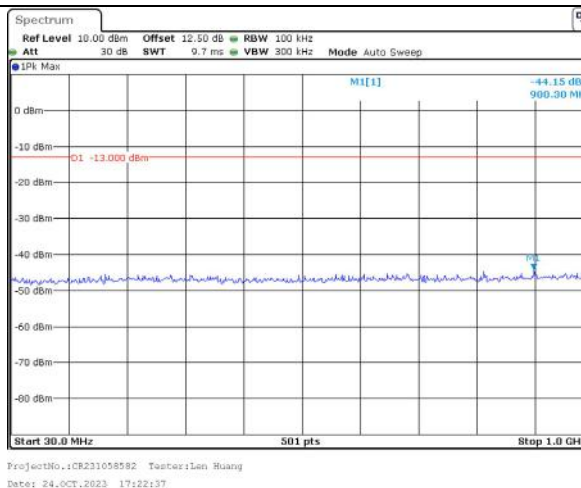
Channel

1.4MHz Bandwidth QPSK

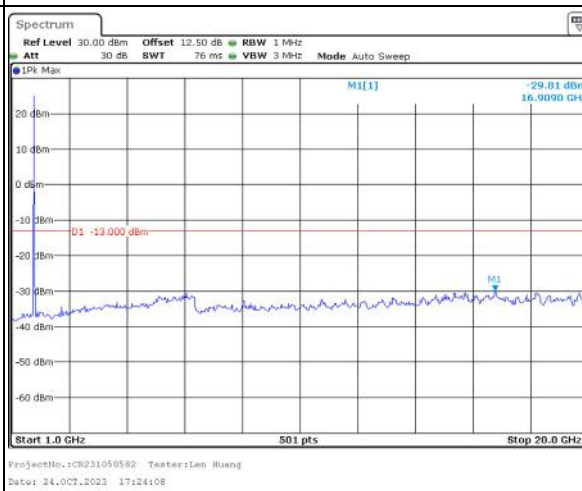
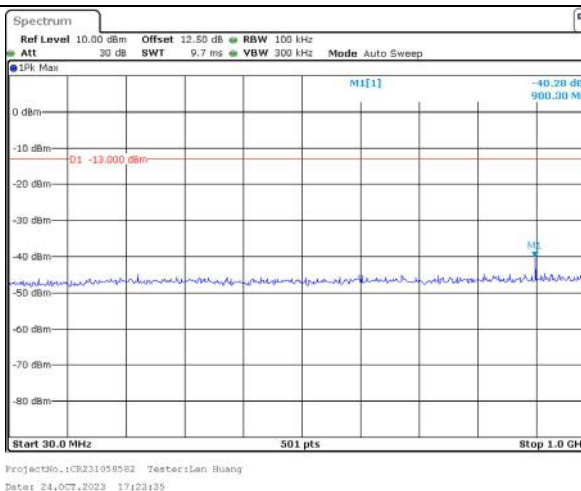
Lowest



Middle



Highest

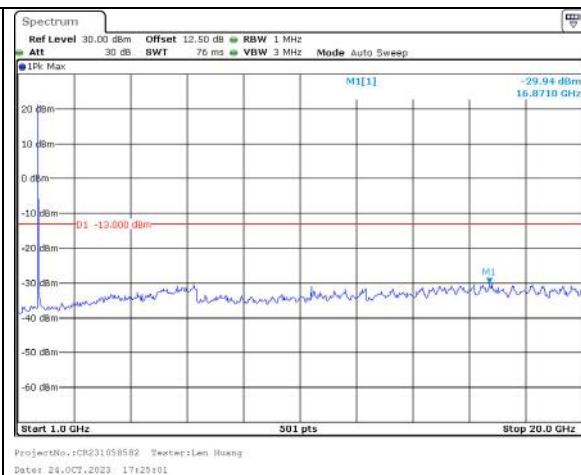
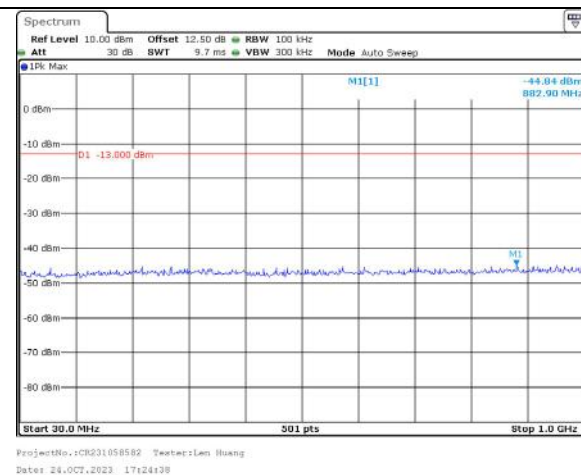


Spurious Emissions at Antenna Terminal

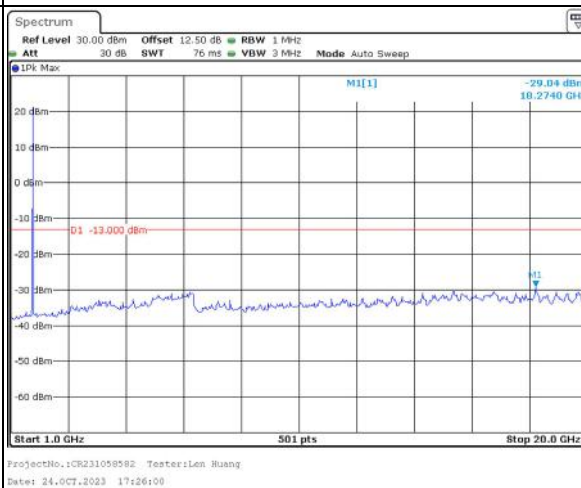
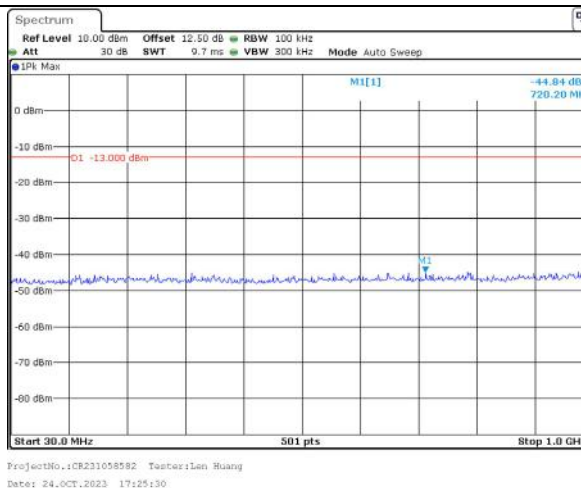
Channel

3MHz Bandwidth QPSK

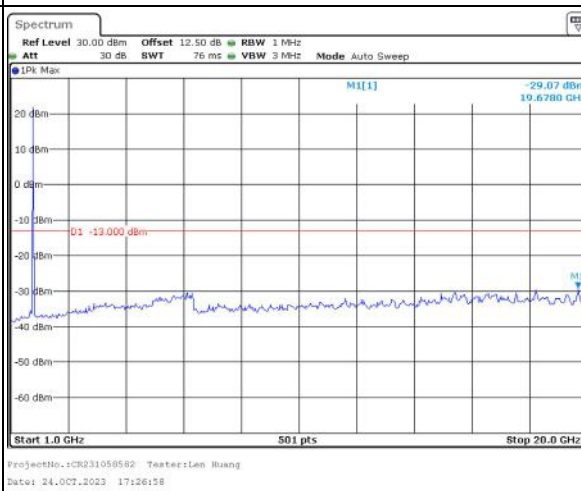
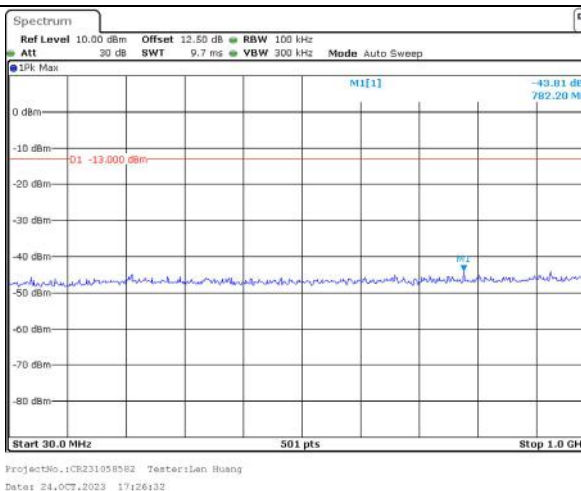
Lowest



Middle



Highest

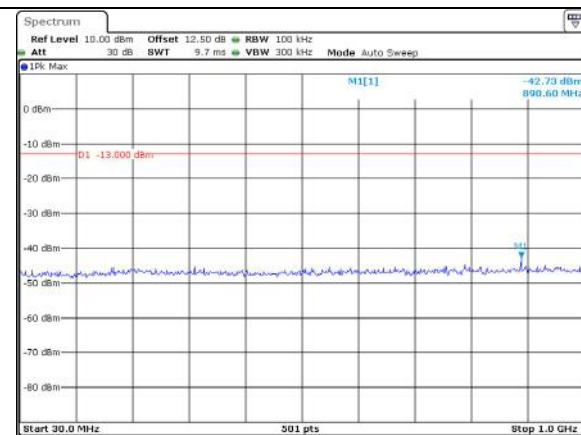


Spurious Emissions at Antenna Terminal

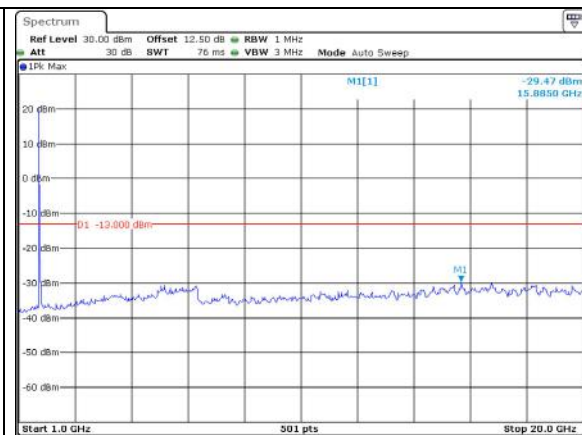
Channel

5MHz Bandwidth QPSK

Lowest

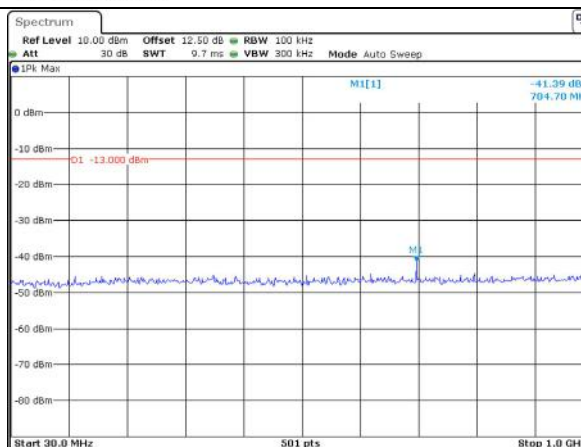


ProjectNo.:CR231058582 Tester:Len Huang
Date: 24.OCT.2023 17:27:30

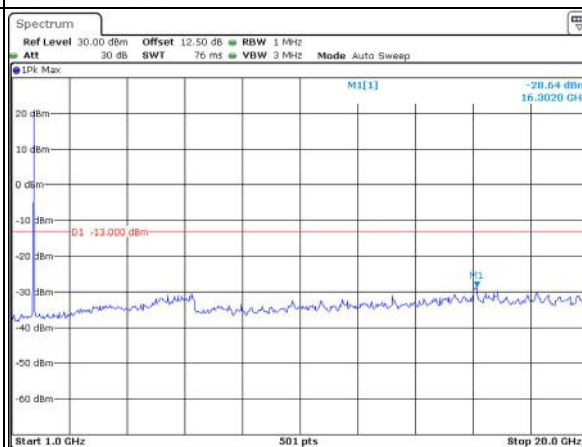


ProjectNo.:CR231058582 Tester:Len Huang
Date: 24.OCT.2023 17:27:56

Middle

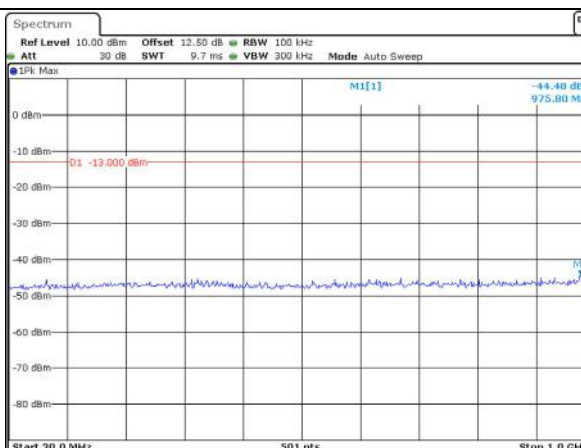


ProjectNo.:CR231058582 Tester:Len Huang
Date: 24.OCT.2023 17:28:29

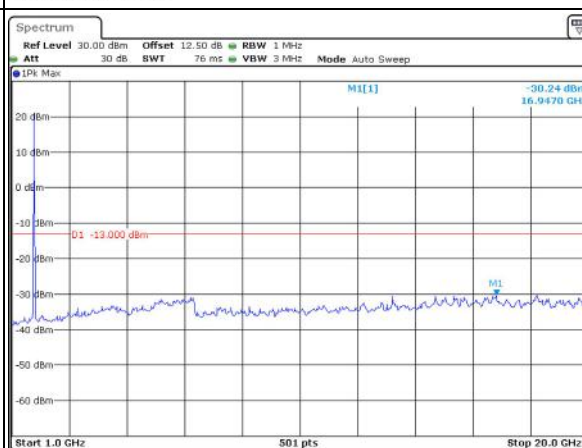


ProjectNo.:CR231058582 Tester:Len Huang
Date: 24.OCT.2023 17:28:52

Highest



ProjectNo.:CR231058582 Tester:Len Huang
Date: 25.OCT.2023 08:47:57



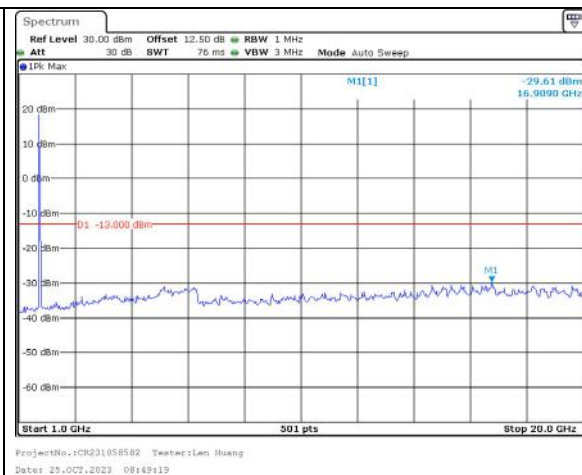
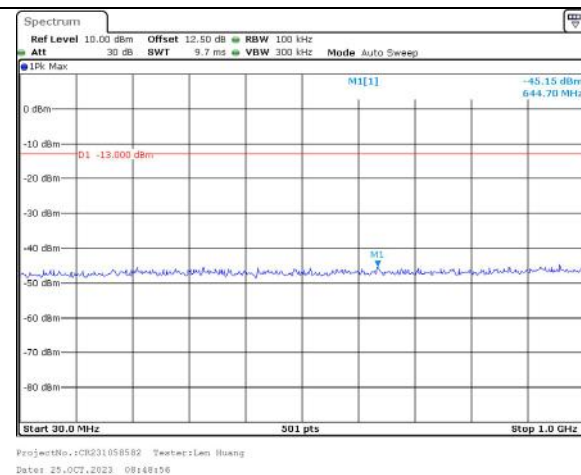
ProjectNo.:CR231058582 Tester:Len Huang
Date: 25.OCT.2023 08:48:23

Spurious Emissions at Antenna Terminal

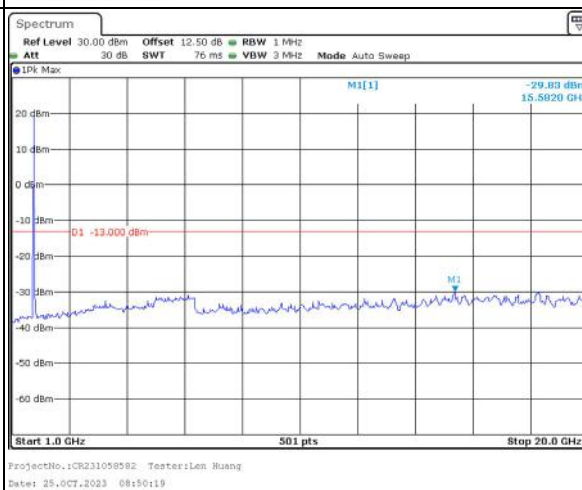
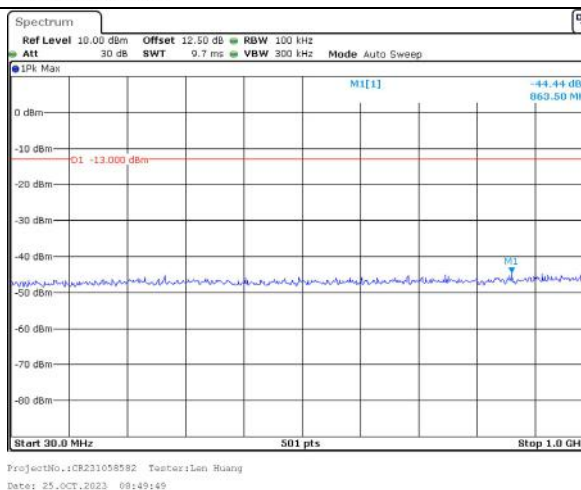
Channel

10MHz Bandwidth QPSK

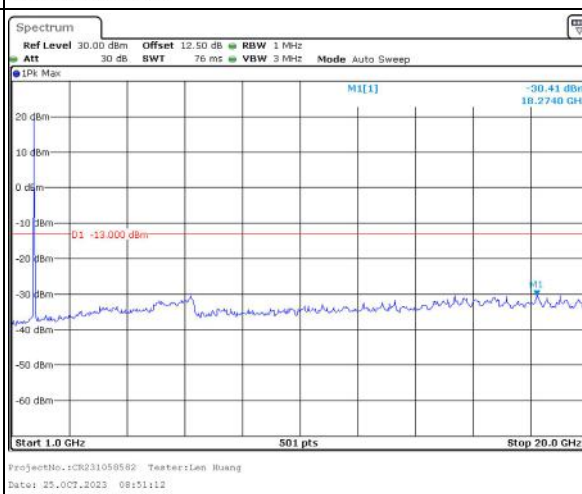
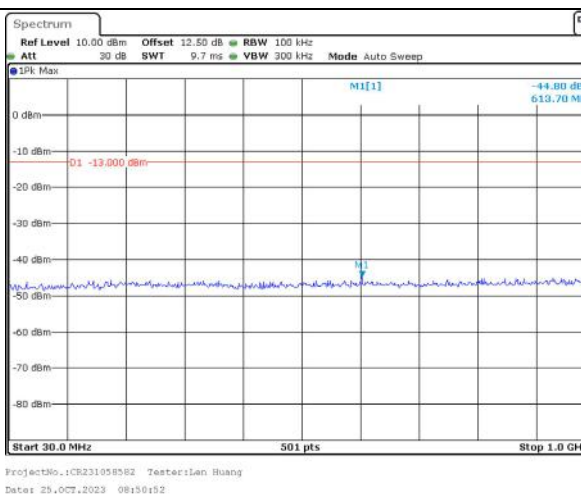
Lowest



Middle



Highest

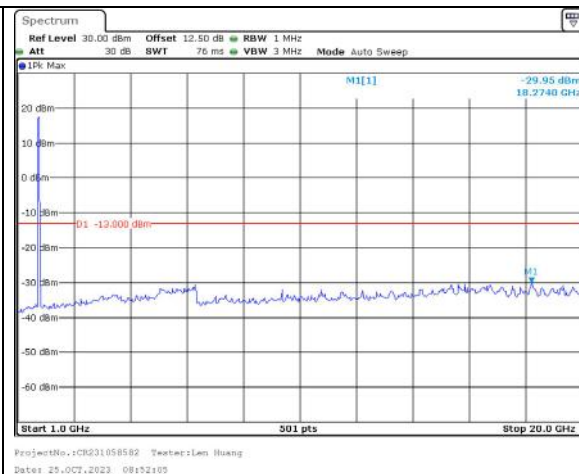
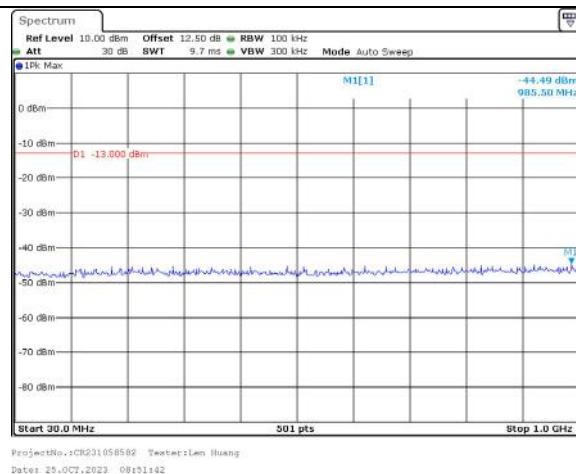


Spurious Emissions at Antenna Terminal

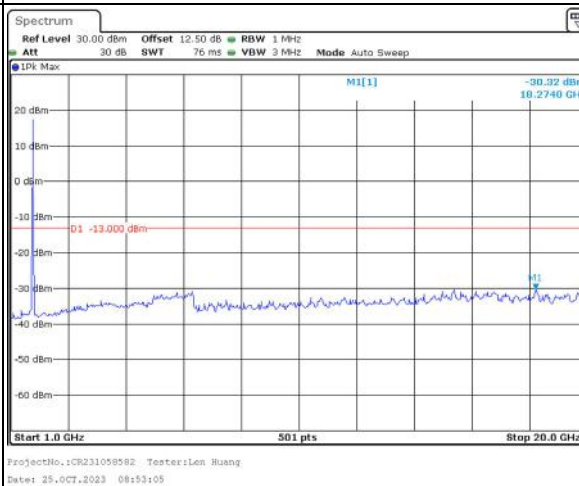
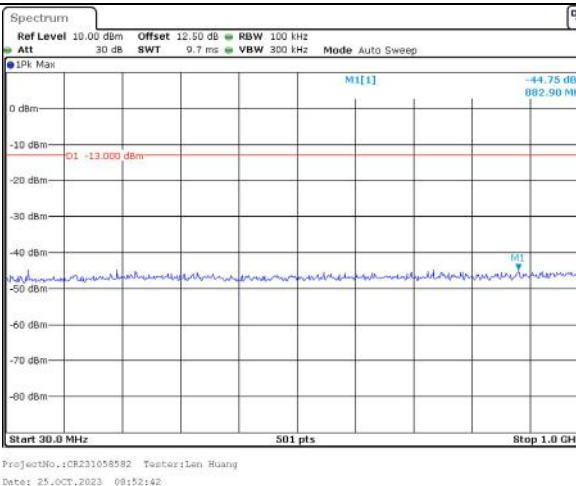
Channel

15MHz Bandwidth QPSK

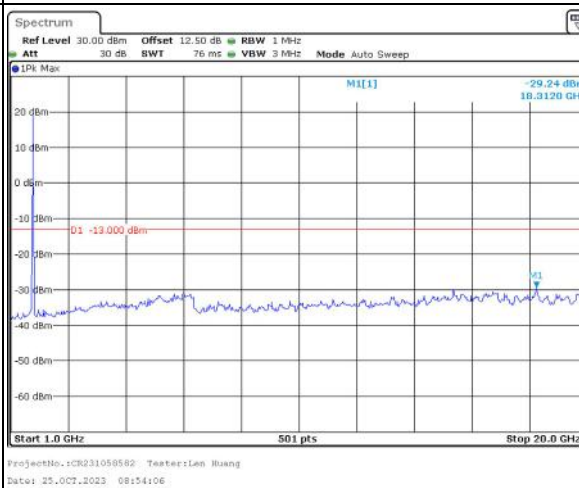
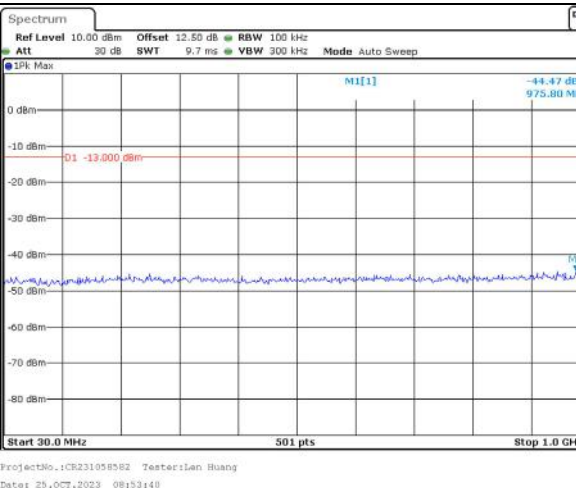
Lowest



Middle



Highest

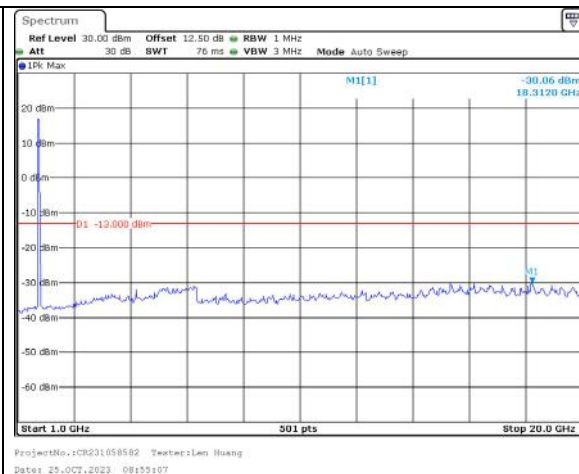
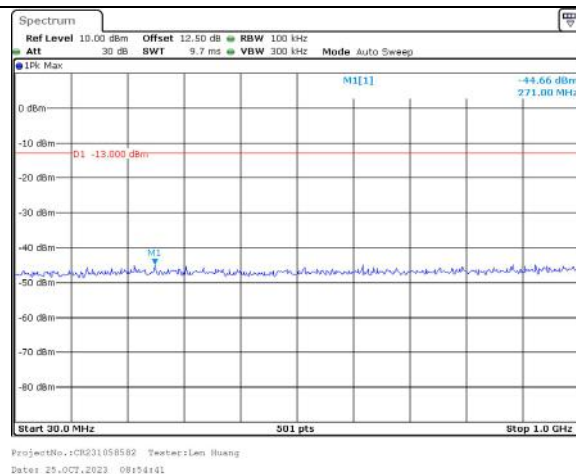


Spurious Emissions at Antenna Terminal

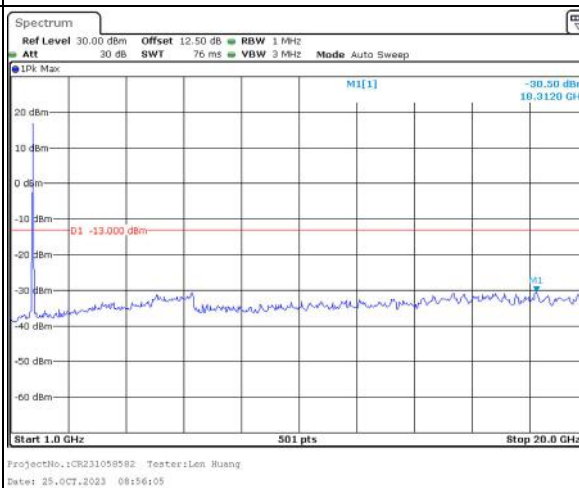
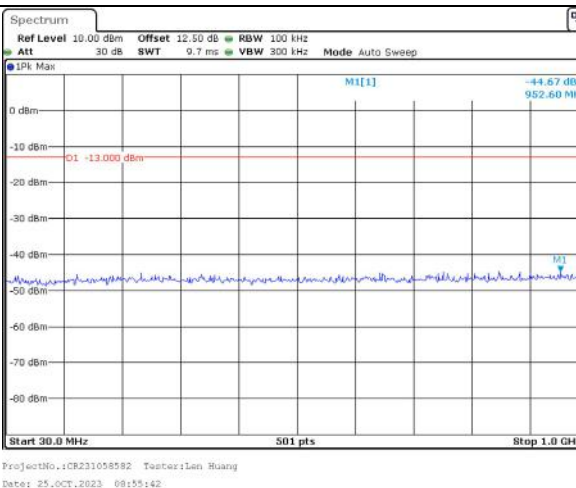
Channel

20MHz Bandwidth QPSK

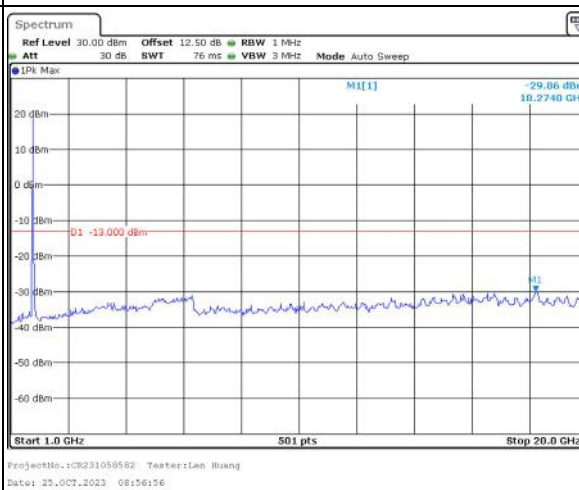
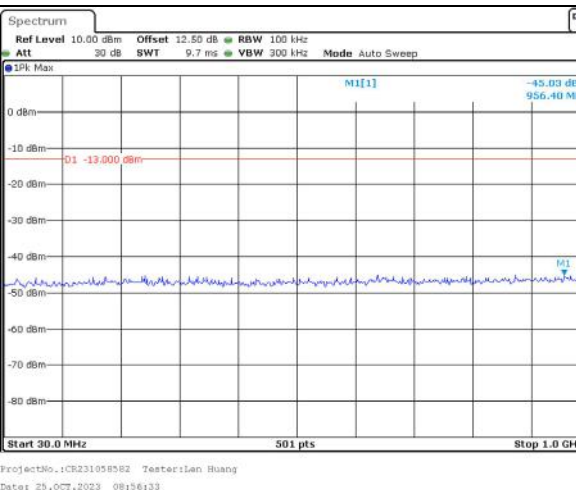
Lowest



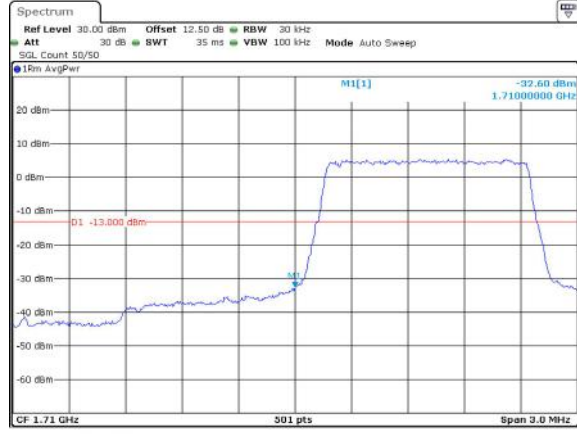
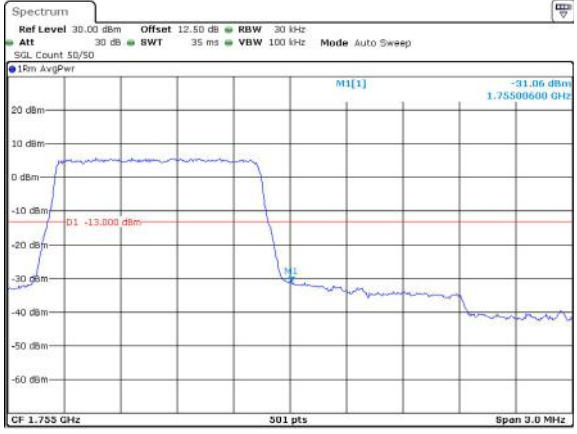
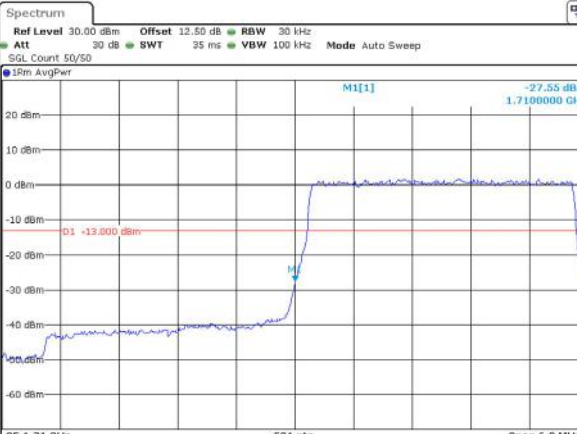
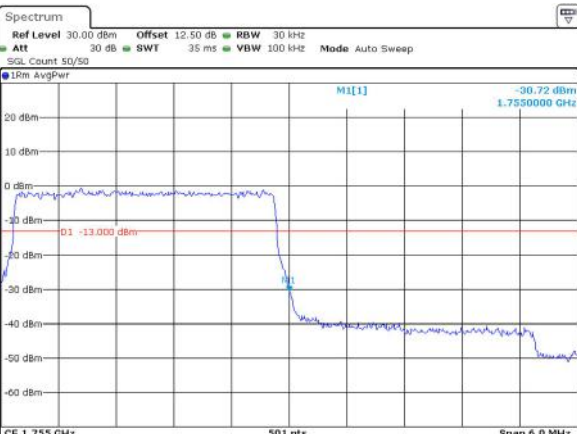
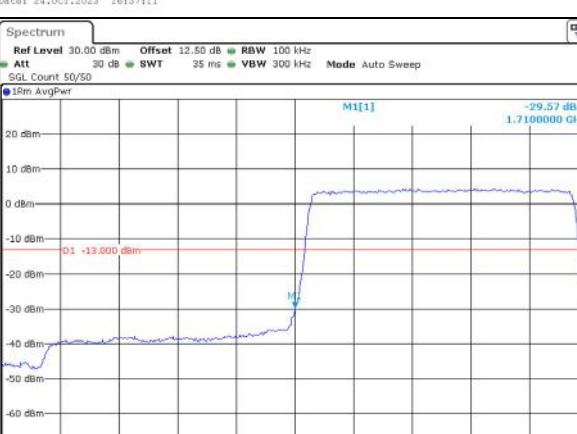
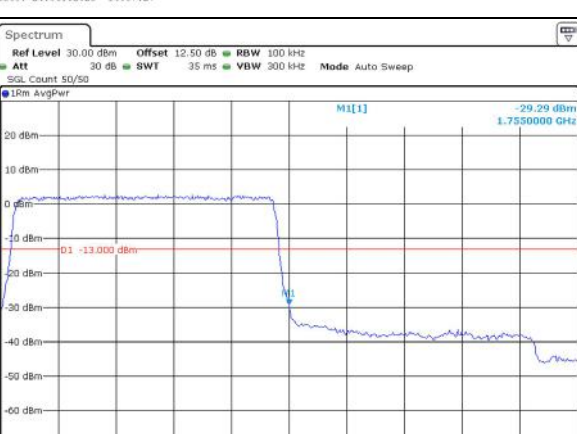
Middle



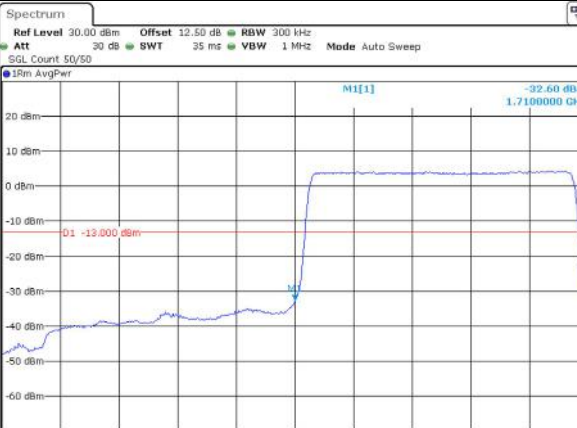
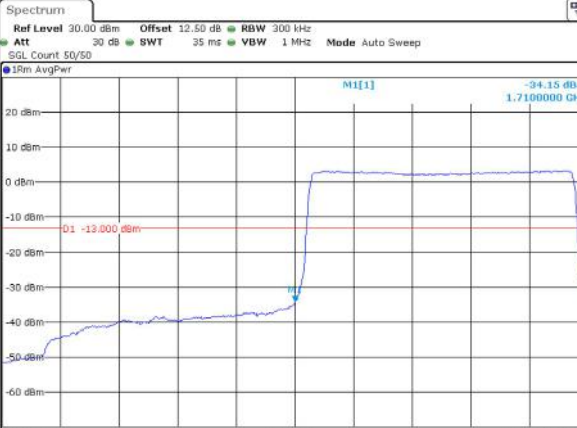
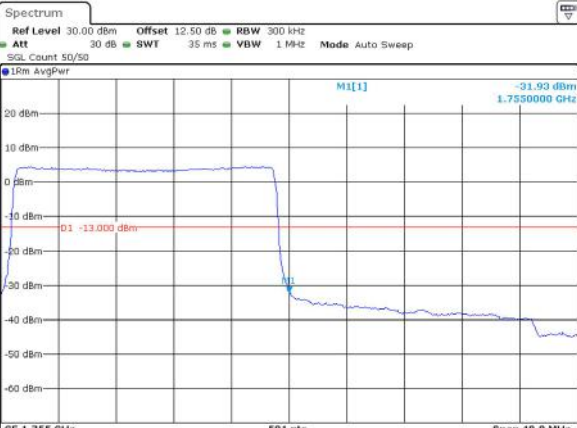
Highest



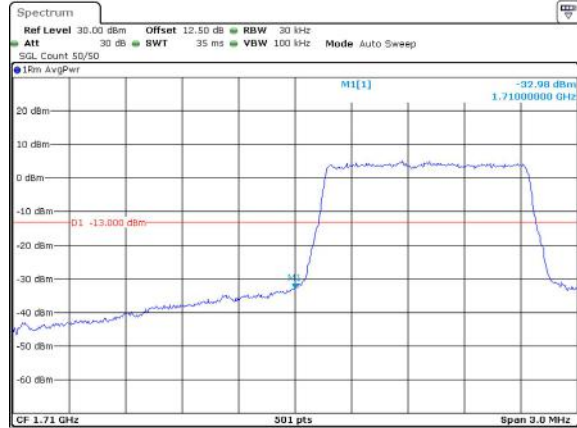
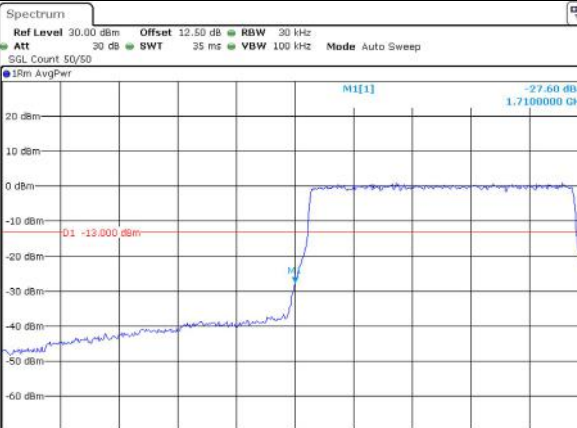
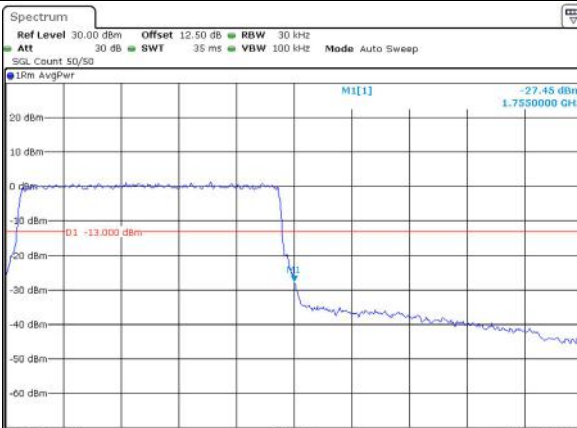
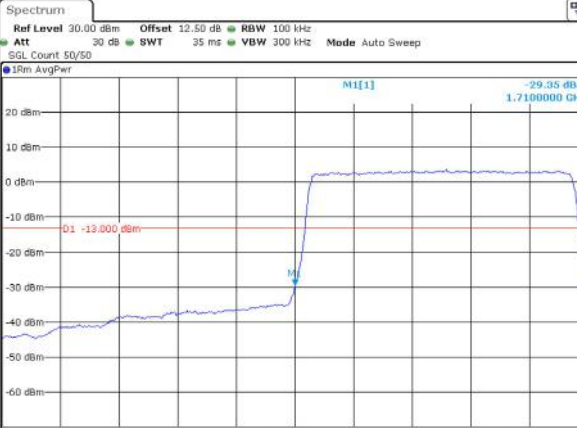
Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 1.4MHz		
QPSK 3MHz		
QPSK 5MHz		

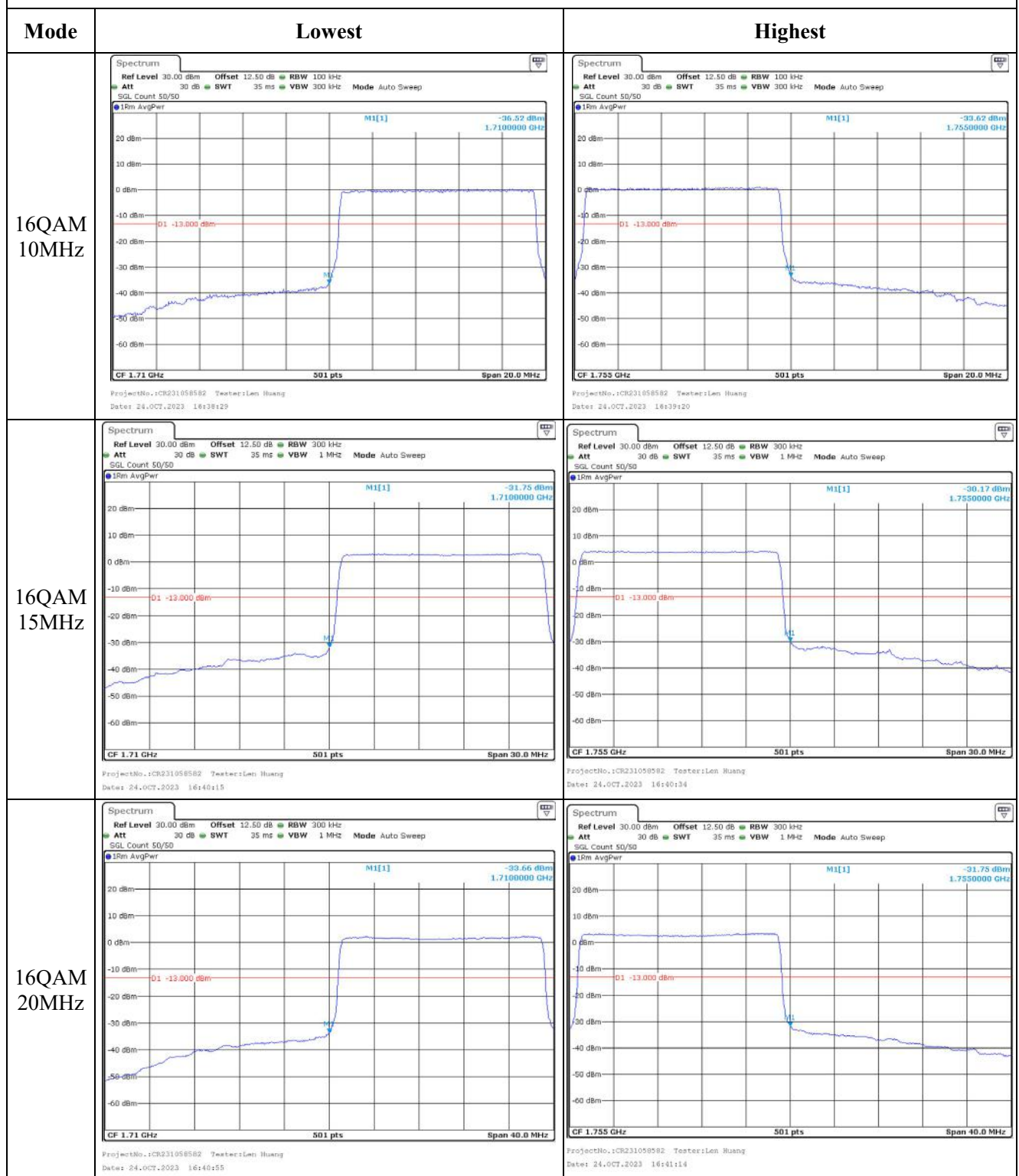
Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 10MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:39:22	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:39:13
QPSK 15MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:40:06	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:40:26
QPSK 20MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:40:47	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:41:05

Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:36:43	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:36:59
16QAM 3MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:37:18	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:37:34
16QAM 5MHz	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:37:53	 ProjectNo.:CR231058582 Tester:Len Huang Date: 24.OCT.2023 16:38:09

Out of band emission, Band Edge



4.8 Antenna Port Test Data and Results for LTE Band 5

Serial Number:	2BZE-3	Test Date:	2023/10/25-2023/10/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Len Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26-26.5	Relative Humidity: (%)	52-54	ATM Pressure: (kPa)	101.4-101.5
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40-N	102259	2023/4/18	2024/4/17
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Minl-Circuits	Power Splitter	ZFRSC-183-S+	S F448201619	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	2023/9/28	2024/9/27
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	824.7	836.5	848.3
3MHz	825.5	836.5	847.5
5MHz	826.5	836.5	846.5
10MHz	829	836.5	844

Test Data:**FCC§2.1046;§ 22.913 (a)****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		
1.4MHz QPSK	RB1#0	24.24	24.31	24.28	17.64	38.45
	RB1#3	24.24	24.31	24.49		
	RB1#5	24.23	24.43	24.45		
	RB3#0	23.96	24.22	24.07		
	RB3#3	23.92	24.18	24.14		
	RB6#0	22.94	23.2	23.04		
1.4MHz 16QAM	RB1#0	23.26	23.15	23.75	17	38.45
	RB1#3	23.24	23.15	23.85		
	RB1#5	23.24	23.19	23.83		
	RB3#0	22.96	23.33	23.14		
	RB3#3	22.95	23.06	23.24		
	RB6#0	22.08	22.27	22.34		
3MHz QPSK	RB1#0	23.74	23.88	23.85	17.05	38.45
	RB1#8	23.7	23.9	23.78		
	RB1#14	23.73	23.9	23.89		
	RB6#0	22.44	22.65	22.62		
	RB6#9	22.45	22.64	22.58		
	RB15#0	22.35	22.73	22.6		
3MHz 16QAM	RB1#0	22.75	22.71	23.06	16.27	38.45
	RB1#8	22.72	22.57	22.99		
	RB1#14	22.71	22.68	23.12		
	RB6#0	21.62	21.99	21.71		
	RB6#9	21.65	21.97	21.73		
	RB15#0	21.48	21.8	21.71		
5MHz QPSK	RB1#0	23.64	23.93	23.95	17.12	38.45
	RB1#13	23.6	23.92	23.88		
	RB1#24	23.59	23.83	23.97		
	RB15#0	22.48	22.67	22.69		
	RB15#10	22.33	22.64	22.61		
	RB25#0	22.45	22.71	22.56		
5MHz 16QAM	RB1#0	22.35	22.07	23.01	16.18	38.45
	RB1#13	22.39	22.03	23.03		
	RB1#24	22.37	21.99	23		
	RB15#0	21.48	21.88	21.52		
	RB15#10	21.5	21.82	21.6		
	RB25#0	21.43	21.81	21.69		
10MHz QPSK	RB1#0	23.69	23.54	24	17.19	38.45

	RB1#25	23.62	23.81	24.01		
	RB1#49	23.96	23.79	24.04		
	RB25#0	22.35	22.75	22.65		
	RB25#25	22.39	22.61	22.65		
	RB50#0	22.44	22.75	22.64		
10MHz 16QAM	RB1#0	22.16	22.87	23.03	16.75	38.45
	RB1#25	22.14	23.14	23.07		
	RB1#49	22.43	23.05	23.6		
	RB25#0	21.64	21.83	21.74		
	RB25#25	21.56	21.65	21.76		
	RB50#0	21.52	21.77	21.76		

Note: ERP= Conducted Power(dBm) - Lc(dB) + Gr(dBd)
Gr(dBd)=Gr(dBi)-2.15

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	
10MHz QPSK	RB1#0	4.90	4.46	4.67	13
	RB50#0	5.13	4.14	5.22	13
10MHz 16QAM	RB1#0	5.77	5.54	5.68	13
	RB50#0	6.06	5.88	6.17	13
				Result:	Pass

FCC §2.1049, §22.905: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	1.096	1.102	1.254	1.248	1.254
1.4MHz 16QAM	1.102	1.102	1.090	1.254	1.27	1.25
3MHz QPSK	2.695	2.683	2.707	3.012	3.012	2.988
3MHz 16QAM	2.683	2.695	2.695	3.000	3.012	3.000
5MHz QPSK	4.511	4.511	4.531	5.000	5.020	5.000
5MHz 16QAM	4.531	4.531	4.491	5.020	5.020	4.980
10MHz QPSK	8.942	8.982	8.982	9.760	9.840	9.800
10MHz 16QAM	8.982	8.982	8.942	9.800	9.840	9.800

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

FCC §2.1051, §22.917(a):Spurious Emissions at Antenna Terminal

Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.
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FCC §2.1051, §22.917(a): Out of band emission, Band Edge

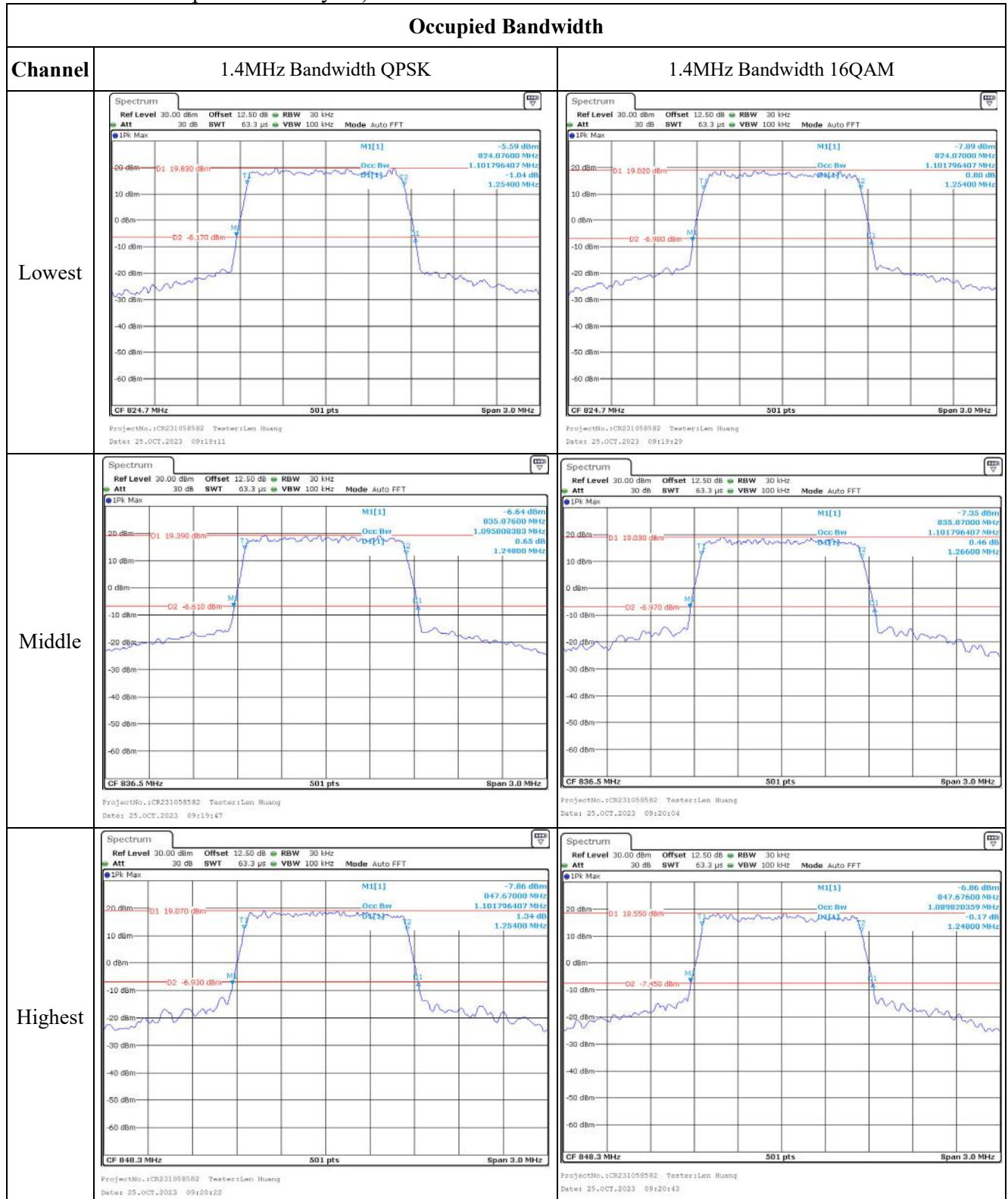
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.
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FCC §2.1055, §22.355: Frequency Stability

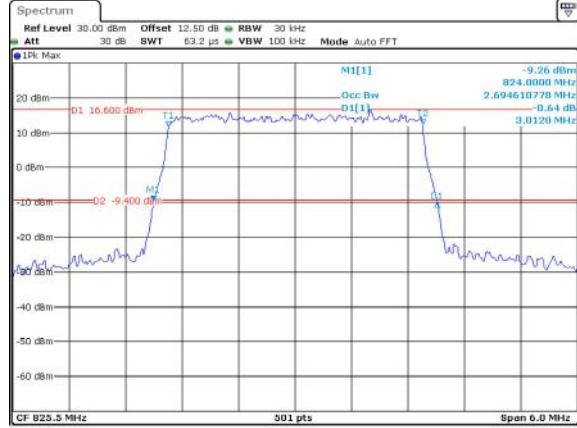
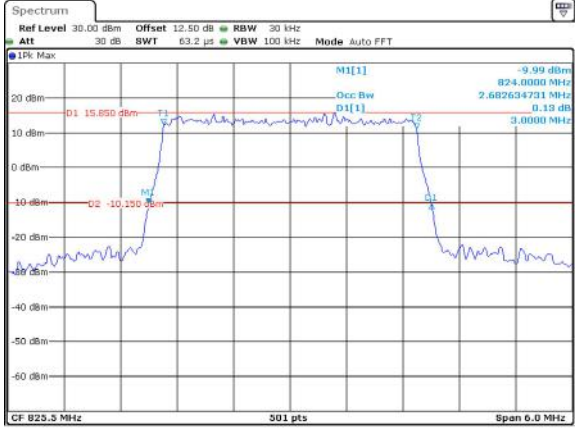
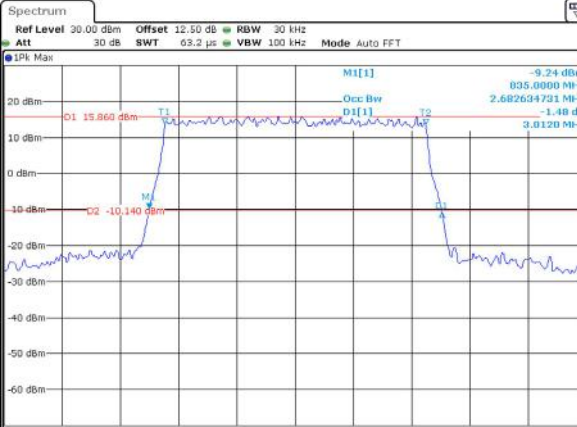
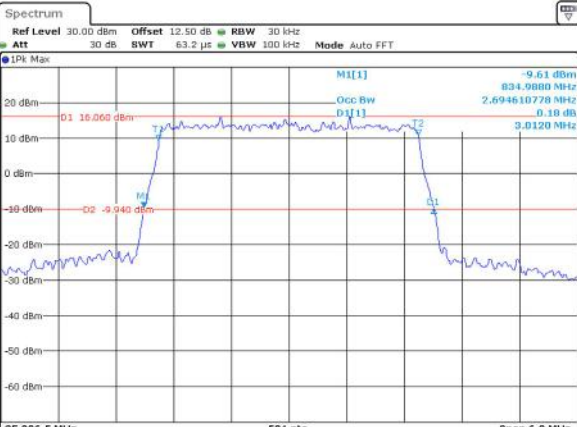
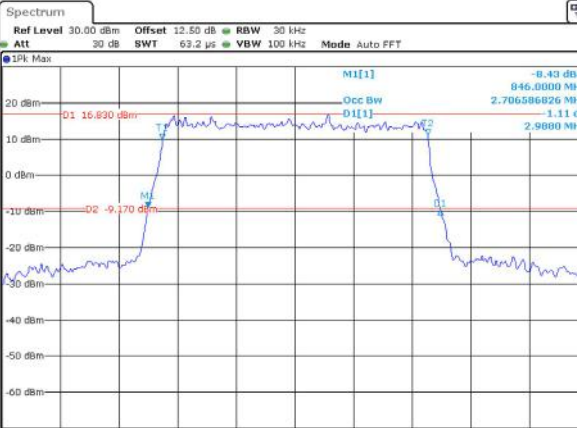
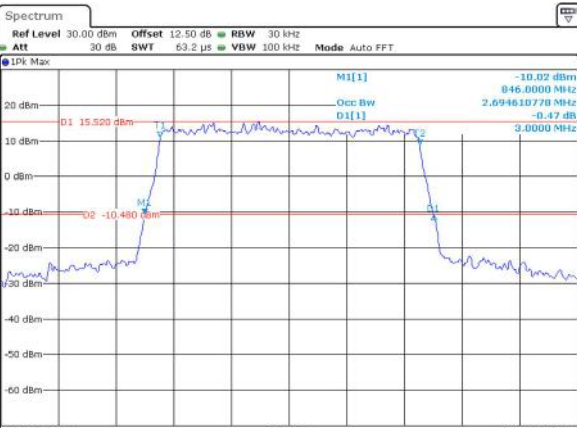
Test Modulation:	10 MHz QPSK		Test Channel:	836.5	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.85	6.86	0.008	2.5
	-20	3.85	-9.92	-0.012	2.5
	-10	3.85	8.6	0.010	2.5
	0	3.85	-7.04	-0.008	2.5
	10	3.85	-8.33	-0.010	2.5
	20	3.85	4.39	0.005	2.5
	30	3.85	10.77	0.013	2.5
	40	3.85	-7.94	-0.009	2.5
Frequency Stability vs. Voltage	50	3.85	8.96	0.011	2.5
	20	3.27	4.05	0.005	2.5
	20	4.43	11.26	0.013	2.5
Result:				Pass	

Test Modulation:	10 MHz 16QAM		Test Channel:	836.5	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.85	-16.3	-0.019	2.5
	-20	3.85	8.09	0.010	2.5
	-10	3.85	4.68	0.006	2.5
	0	3.85	7.71	0.009	2.5
	10	3.85	-4.61	-0.006	2.5
	20	3.85	7.09	0.008	2.5
	30	3.85	-6.09	-0.007	2.5
	40	3.85	6.32	0.008	2.5
Frequency Stability vs. Voltage	50	3.85	12.38	0.015	2.5
	20	3.27	11.25	0.013	2.5
	20	4.43	5.6	0.007	2.5
Result:				Pass	

Test Plots(Note: The 10.5 dB is the Insertion loss of the RF cable and Power Splitter, which was offset into the Spectrum Analyzer):



Occupied Bandwidth

Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:21:02	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:21:22
Middle	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:21:41	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:21:58
Highest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:22:16	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:22:34

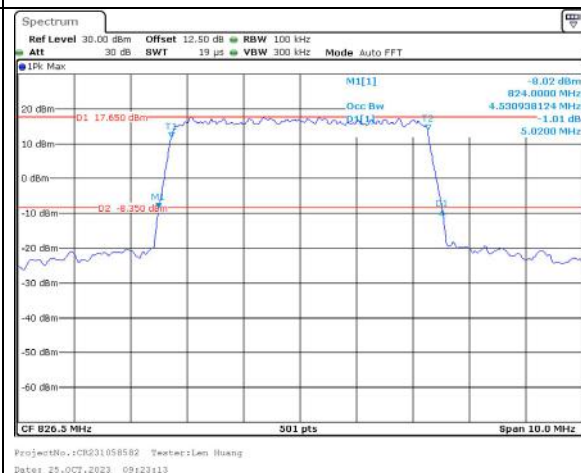
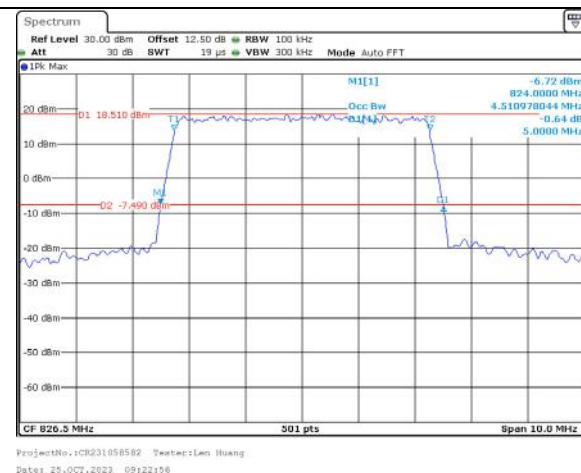
Occupied Bandwidth

Channel

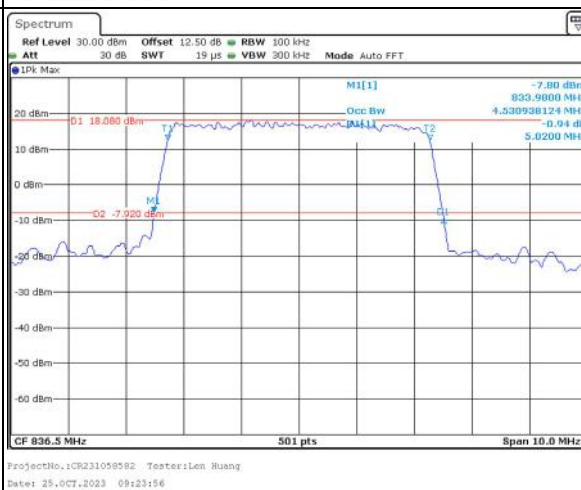
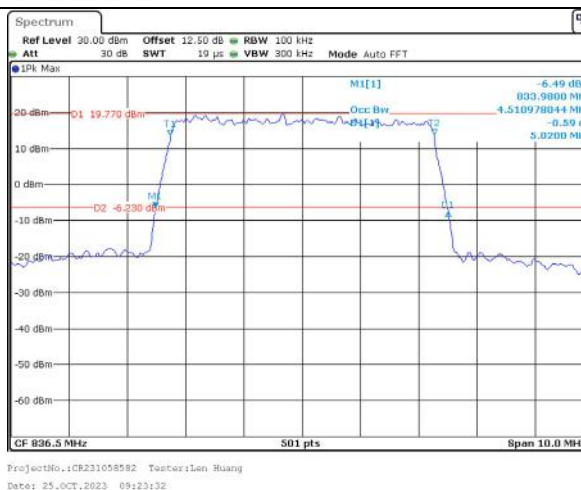
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

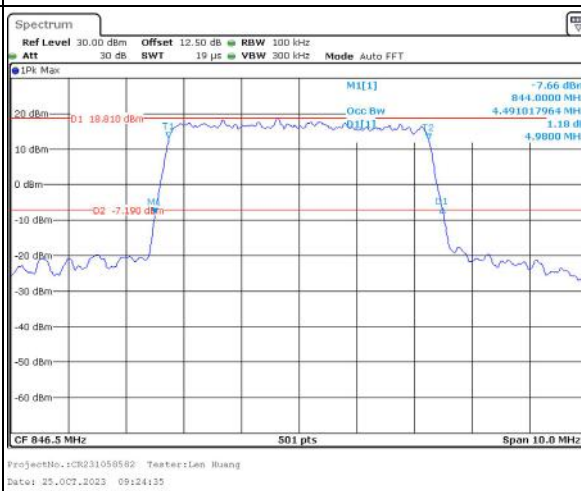
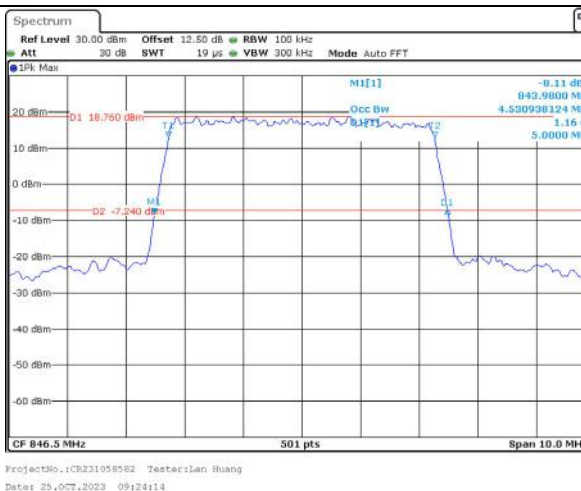
Lowest



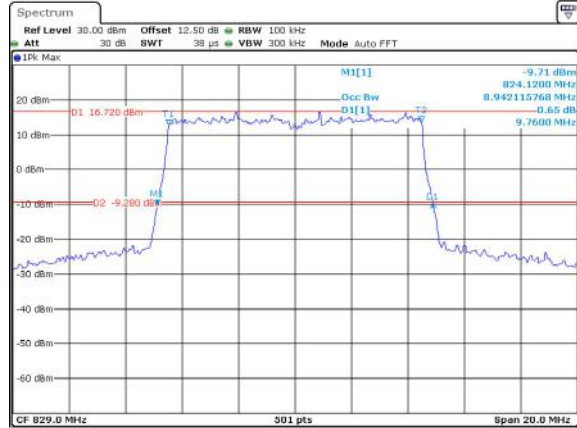
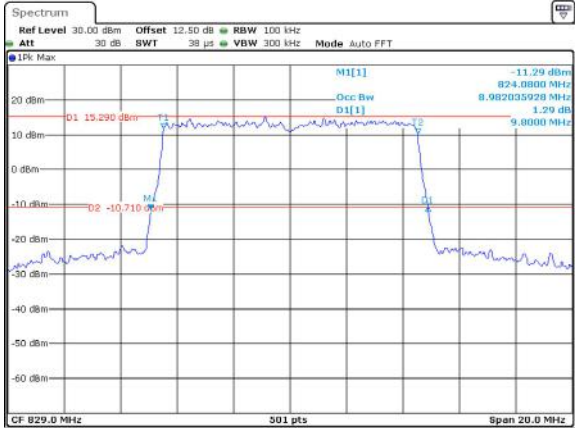
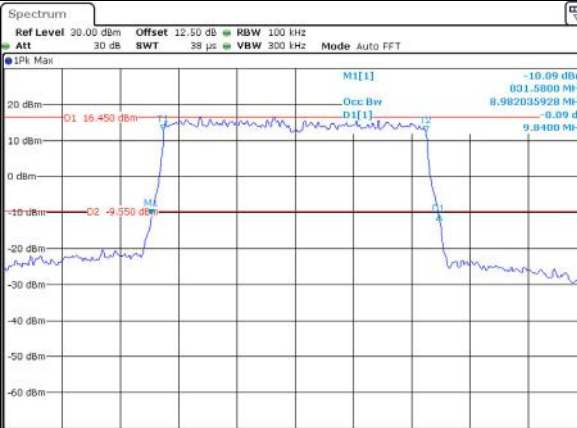
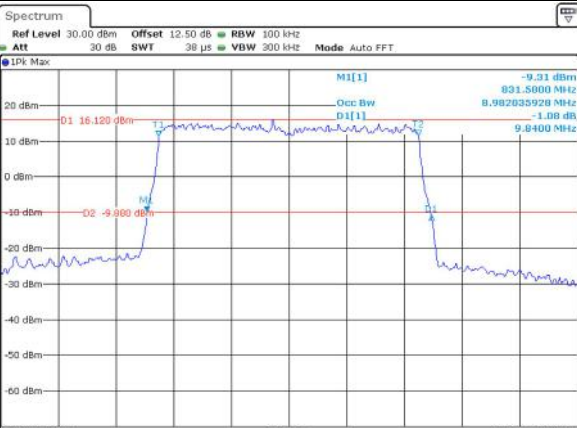
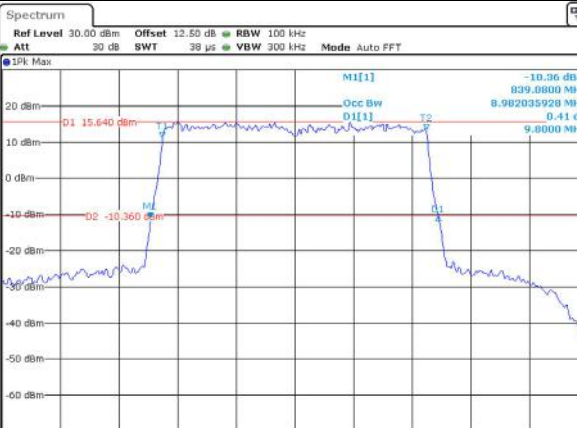
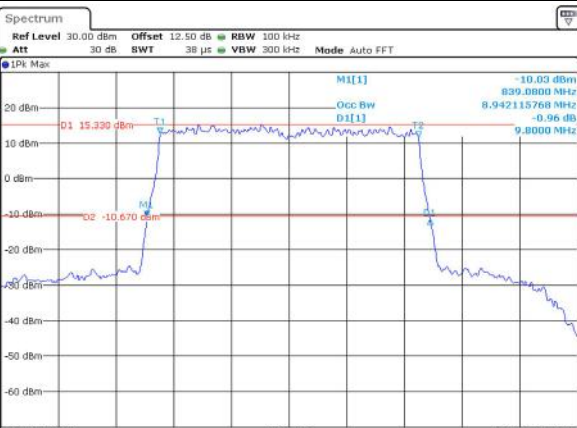
Middle



Highest



Occupied Bandwidth

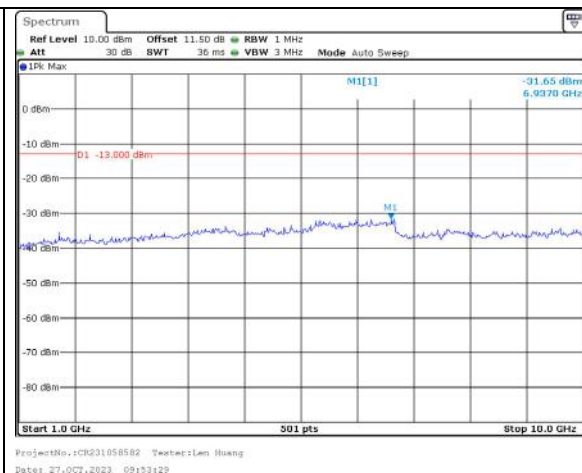
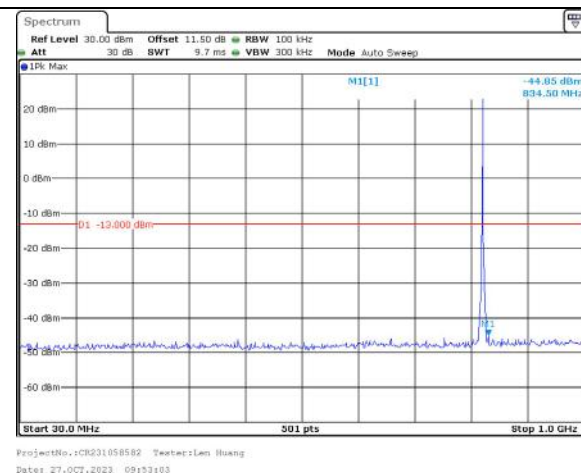
Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:25:04	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:25:22
Middle	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:25:50	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:26:17
Highest	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:26:38	 ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 09:27:05

Spurious Emissions at Antenna Terminal

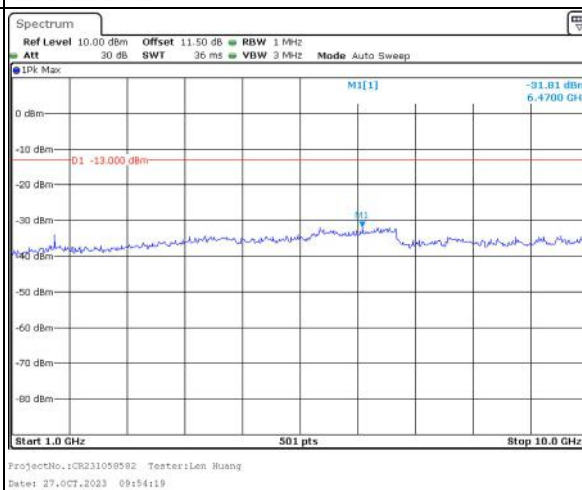
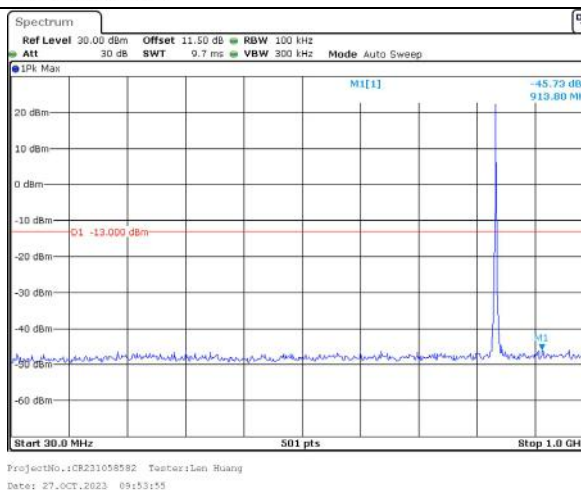
Channel

1.4MHz Bandwidth QPSK

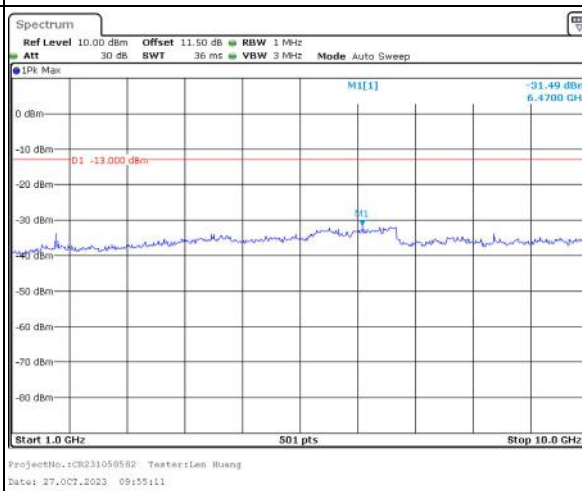
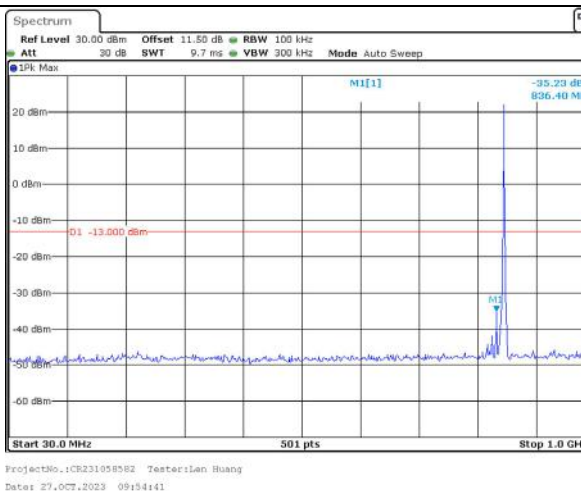
Lowest



Middle



Highest

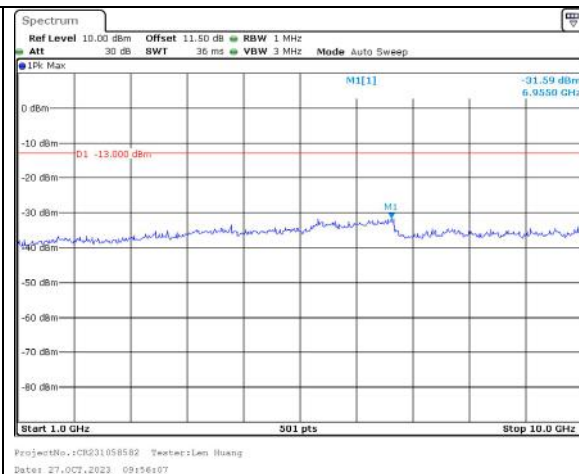
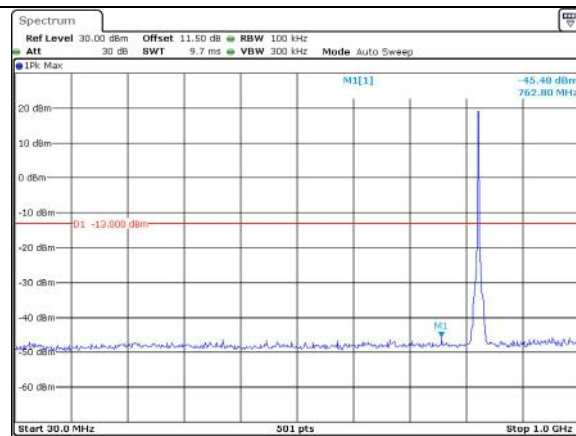


Spurious Emissions at Antenna Terminal

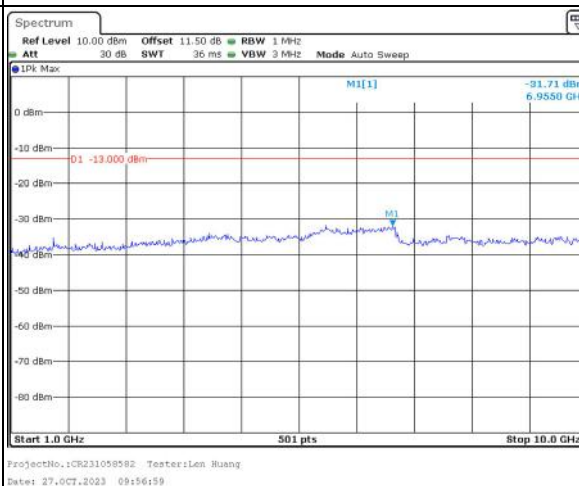
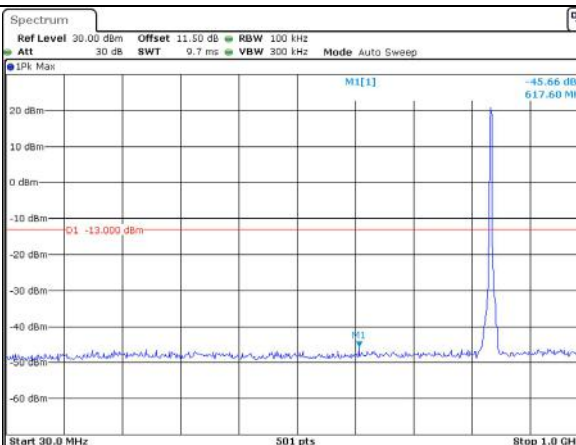
Channel

3MHz Bandwidth QPSK

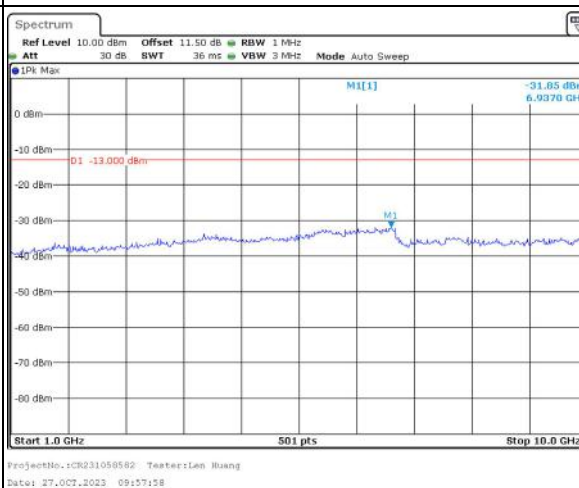
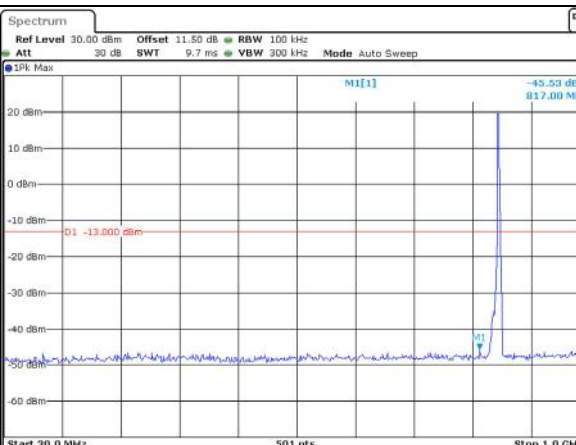
Lowest



Middle



Highest

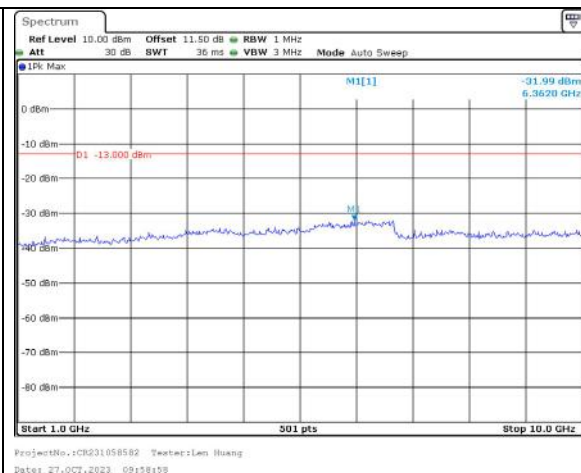
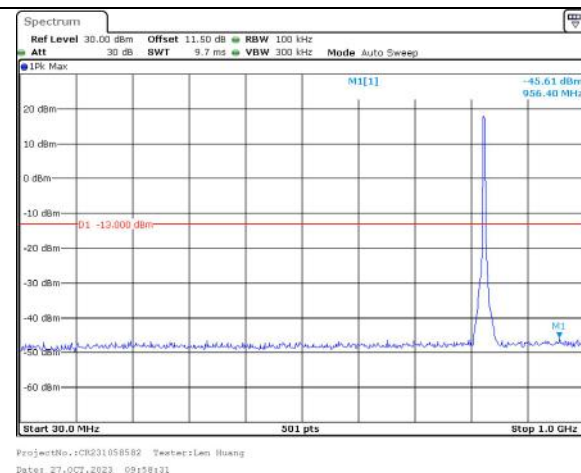


Spurious Emissions at Antenna Terminal

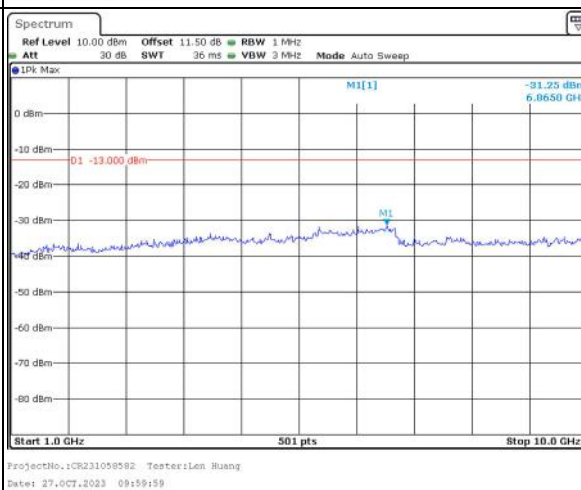
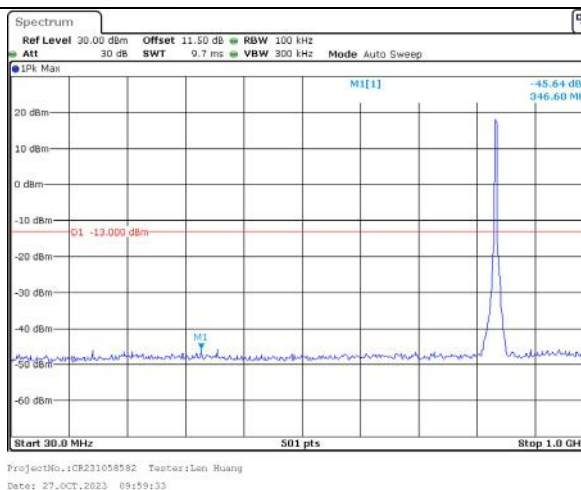
Channel

5MHz Bandwidth QPSK

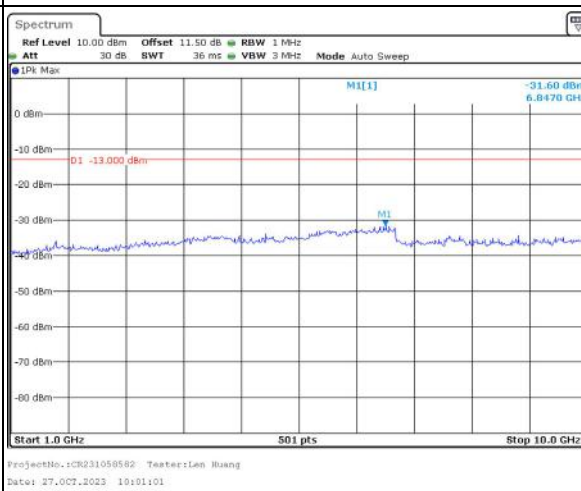
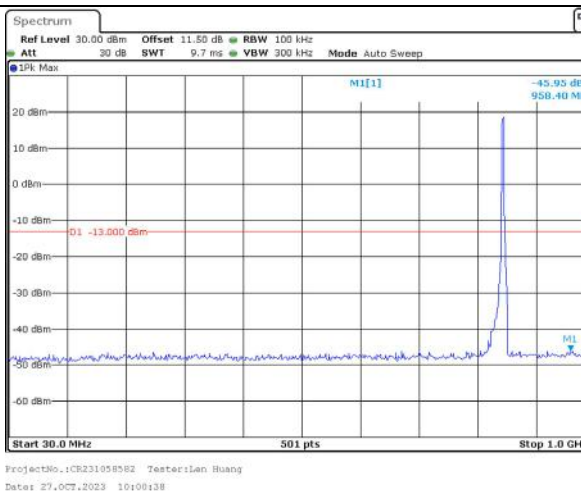
Lowest



Middle



Highest

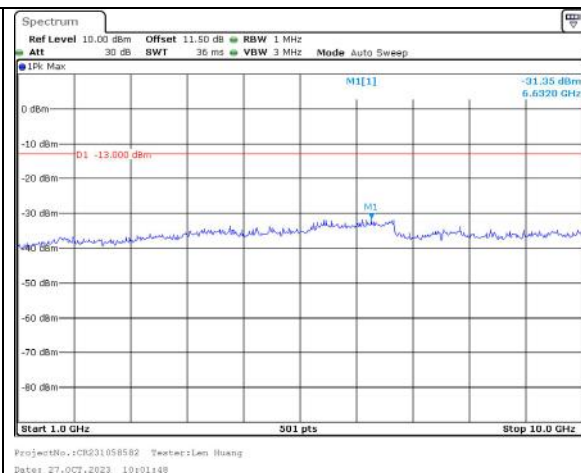
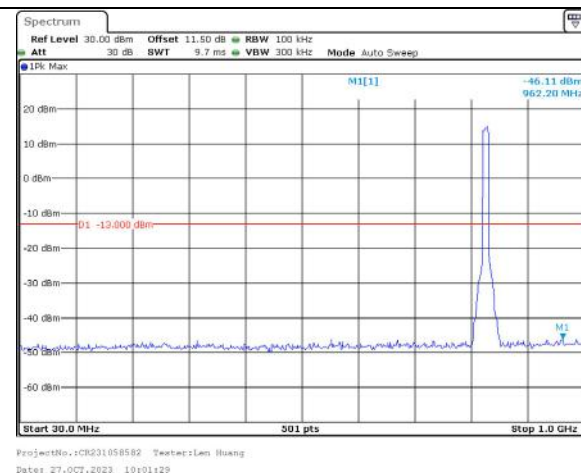


Spurious Emissions at Antenna Terminal

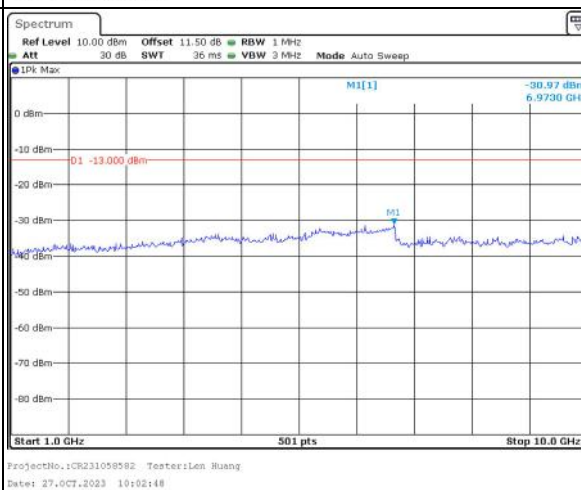
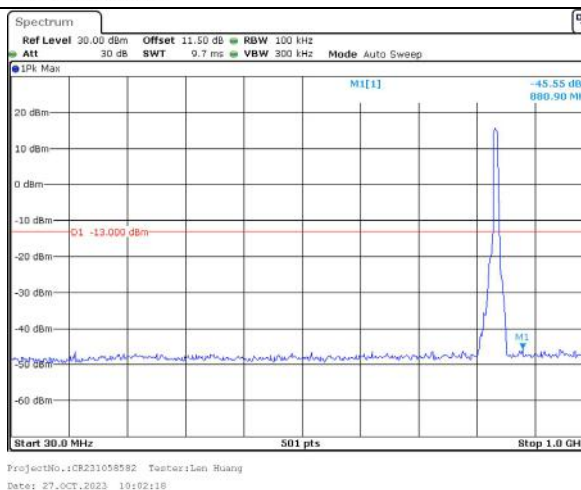
Channel

10MHz Bandwidth QPSK

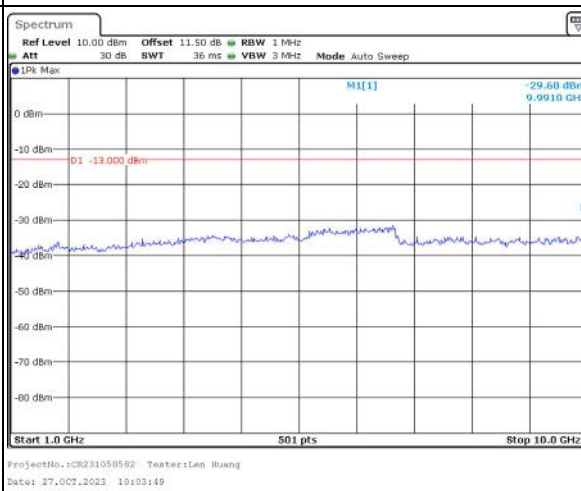
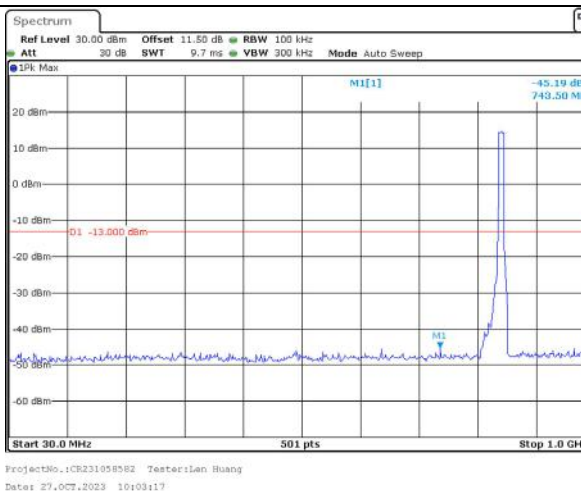
Lowest



Middle



Highest



Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 1.4MHz	Spectrum Ref Level 30.00 dBm Offset 11.50 dB RBW 30 kHz Att 30 dB SWT 35 ms VBW 100 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPer M1[1] -31.11 dBm 823.97600 MHz CF 824.0 MHz 501 pts Span 3.0 MHz ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 10:01:02	Spectrum Ref Level 30.00 dBm Offset 11.50 dB RBW 30 kHz Att 30 dB SWT 35 ms VBW 100 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPer M1[1] -27.00 dBm 849.00000 MHz CF 849.0 MHz 501 pts Span 3.0 MHz ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 10:01:10
QPSK 3MHz	Spectrum Ref Level 30.00 dBm Offset 11.50 dB RBW 30 kHz Att 30 dB SWT 35 ms VBW 100 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPer M1[1] -29.09 dBm 824.00000 MHz CF 824.0 MHz 501 pts Span 6.0 MHz ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 10:01:38	Spectrum Ref Level 30.00 dBm Offset 11.50 dB RBW 30 kHz Att 30 dB SWT 35 ms VBW 100 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPer M1[1] -29.56 dBm 849.00000 MHz CF 849.0 MHz 501 pts Span 6.0 MHz ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 10:01:54
QPSK 5MHz	Spectrum Ref Level 30.00 dBm Offset 11.50 dB RBW 100 kHz Att 30 dB SWT 35 ms VBW 300 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPer M1[1] -24.76 dBm 824.00000 MHz CF 824.0 MHz 501 pts Span 10.0 MHz ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 10:02:14	Spectrum Ref Level 30.00 dBm Offset 11.50 dB RBW 100 kHz Att 30 dB SWT 35 ms VBW 300 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPer M1[1] -25.91 dBm 849.00000 MHz CF 849.0 MHz 501 pts Span 10.0 MHz ProjectNo.:CR231058582 Tester:Len Huang Date: 25.OCT.2023 10:02:31