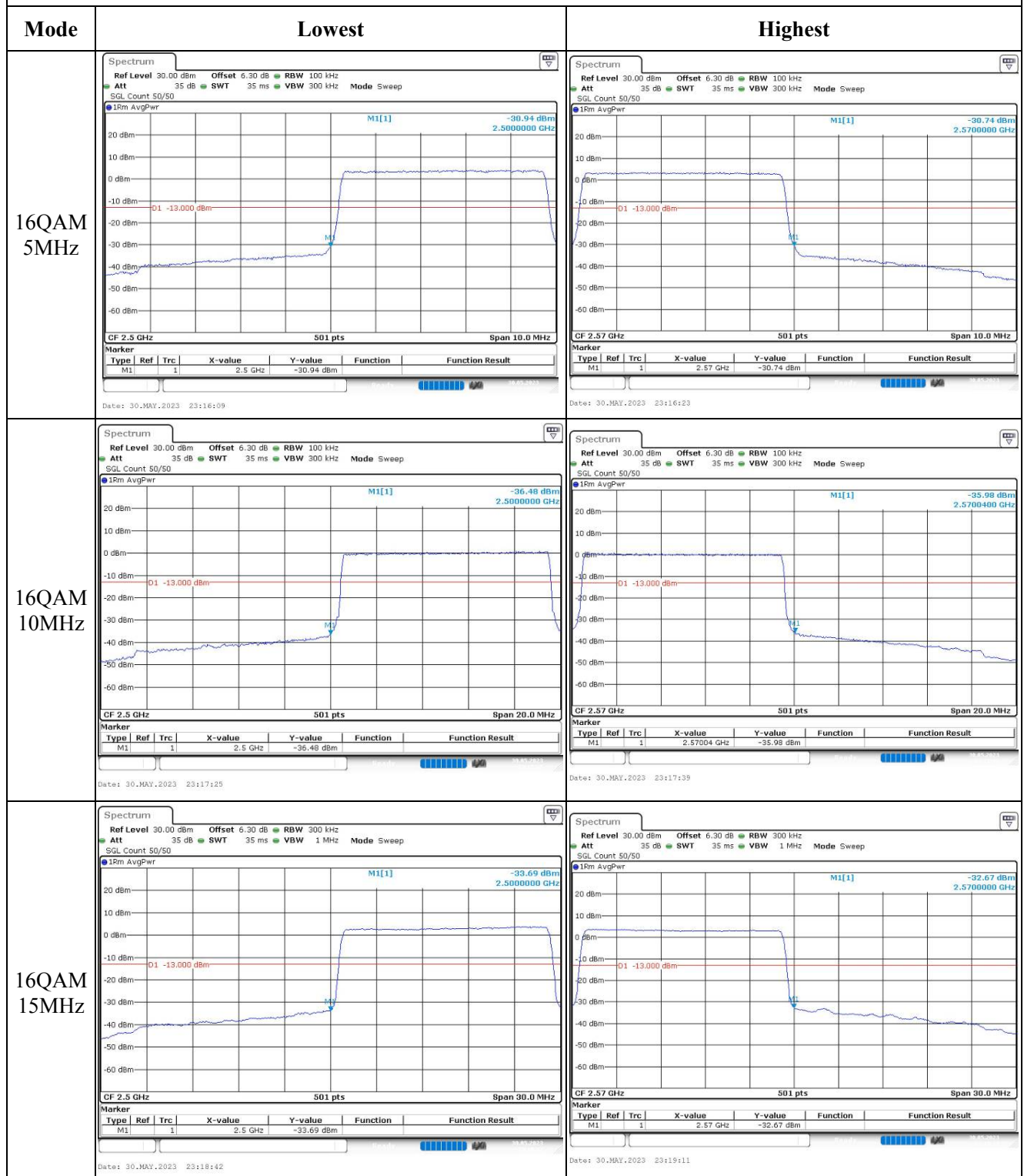
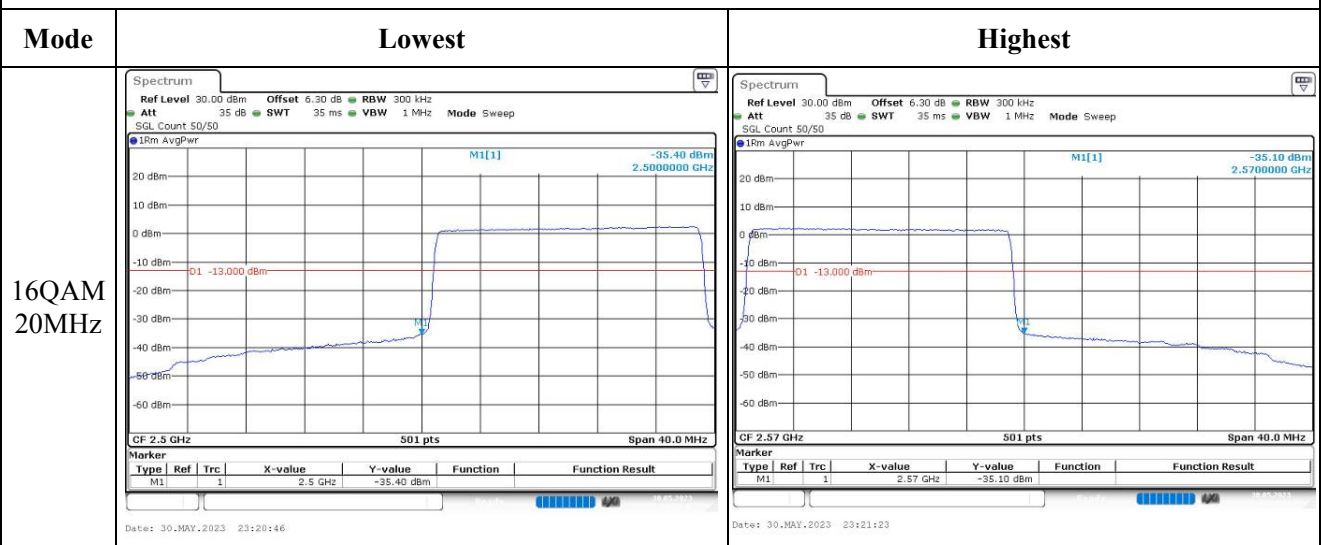


Out of band emission, Band Edge



Out of band emission, Band Edge



4.10 Antenna Port Test Data and Results for LTE Band 12

Serial Number:	25K9-3	Test Date:	2023/05/30~2023/05/31
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chen	Test Result:	Pass

Environmental Conditions:

Temperature:	26.7~27.2	Relative Humidity:	49~55	ATM Pressure:	99.6~100.0
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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
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2023/3/31	2024/3/30
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2023/3/31	2024/3/30
UNI-T	Multimeter	UT39A+	C210582554	2022/9/29	2023/9/28
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
1.4MHz	699.7	707.5	715.3
3MHz	700.5	707.5	714.5
5MHz	701.5	707.5	713.5
10MHz	704	707.5	711

Test Data:**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	22.81	22.78	22.74	16.19	34.77
	RB1#3	22.95	22.97	22.94		
	RB1#5	22.8	22.75	22.78		
	RB3#0	22.92	22.86	22.87		
	RB3#3	22.89	22.87	22.85		
	RB6#0	21.9	21.86	21.86		
1.4MHz 16QAM	RB1#0	21.8	21.91	21.74	15.32	34.77
	RB1#3	22.02	22.1	21.99		
	RB1#5	21.8	21.88	21.78		
	RB3#0	22.02	21.82	21.89		
	RB3#3	22.04	21.84	21.91		
	RB6#0	20.94	20.92	20.84		
3MHz QPSK	RB1#0	22.83	22.82	22.83	16.05	34.77
	RB1#8	22.8	22.83	22.81		
	RB1#14	22.83	22.79	22.81		
	RB6#0	21.82	21.78	21.72		
	RB6#9	21.79	21.75	21.8		
	RB15#0	21.82	21.79	21.78		
3MHz 16QAM	RB1#0	22.38	21.93	21.83	15.62	34.77
	RB1#8	22.4	21.94	21.81		
	RB1#14	22.39	21.93	21.81		
	RB6#0	20.94	20.84	20.77		
	RB6#9	20.89	20.85	20.78		
	RB15#0	20.94	20.78	20.86		
5MHz QPSK	RB1#0	22.76	22.69	22.72	16.12	34.77
	RB1#13	22.9	22.8	22.87		
	RB1#24	22.77	22.72	22.74		
	RB15#0	21.91	21.83	21.87		
	RB15#10	21.85	21.83	21.77		
	RB25#0	21.85	21.81	21.83		
5MHz 16QAM	RB1#0	22.02	21.73	21.62	15.41	34.77
	RB1#13	22.19	21.9	21.72		
	RB1#24	22.05	21.78	21.65		
	RB15#0	20.92	20.91	20.95		
	RB15#10	20.84	20.9	20.85		
	RB25#0	20.92	20.82	20.92		

10MHz QPSK	RB1#0	22.77	22.77	22.78	16.2	34.77
	RB1#25	22.97	22.95	22.98		
	RB1#49	22.83	22.86	22.87		
	RB25#0	21.87	21.72	21.82		
	RB25#25	21.9	21.83	21.79		
	RB50#0	21.93	21.82	21.82		
10MHz 16QAM	RB1#0	22.34	21.91	21.75	15.73	34.77
	RB1#25	22.51	22.09	21.94		
	RB1#49	22.37	21.99	21.85		
	RB25#0	21	20.82	20.98		
	RB25#25	20.95	20.94	20.95		
	RB50#0	20.95	20.87	20.89		

Note:

ERP= Conducted Power(dBm) - Lc(dB) + G_T(dBd)G_T(dBd)=G_T(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	5.16	5.07	4.78	13
	RB50#0	5.3	5.19	5.16	13
10MHz 16QAM	RB1#0	6	6.03	5.51	13
	RB50#0	6.12	6.12	6.09	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	1.096	1.102	1.302	1.314	1.296
1.4MHz 16QAM	1.108	1.096	1.096	1.374	1.296	1.29
3MHz QPSK	2.683	2.695	2.683	2.88	2.88	2.892
3MHz 16QAM	2.683	2.683	2.683	2.892	2.88	2.88
5MHz QPSK	4.551	4.511	4.511	5.22	5.2	5.16
5MHz 16QAM	4.511	4.531	4.551	5.2	5.18	5.2
10MHz QPSK	8.942	8.982	8.942	9.96	10.04	9.8
10MHz 16QAM	8.982	8.982	8.982	9.96	9.76	9.92

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

Spurious Emissions at Antenna Terminal

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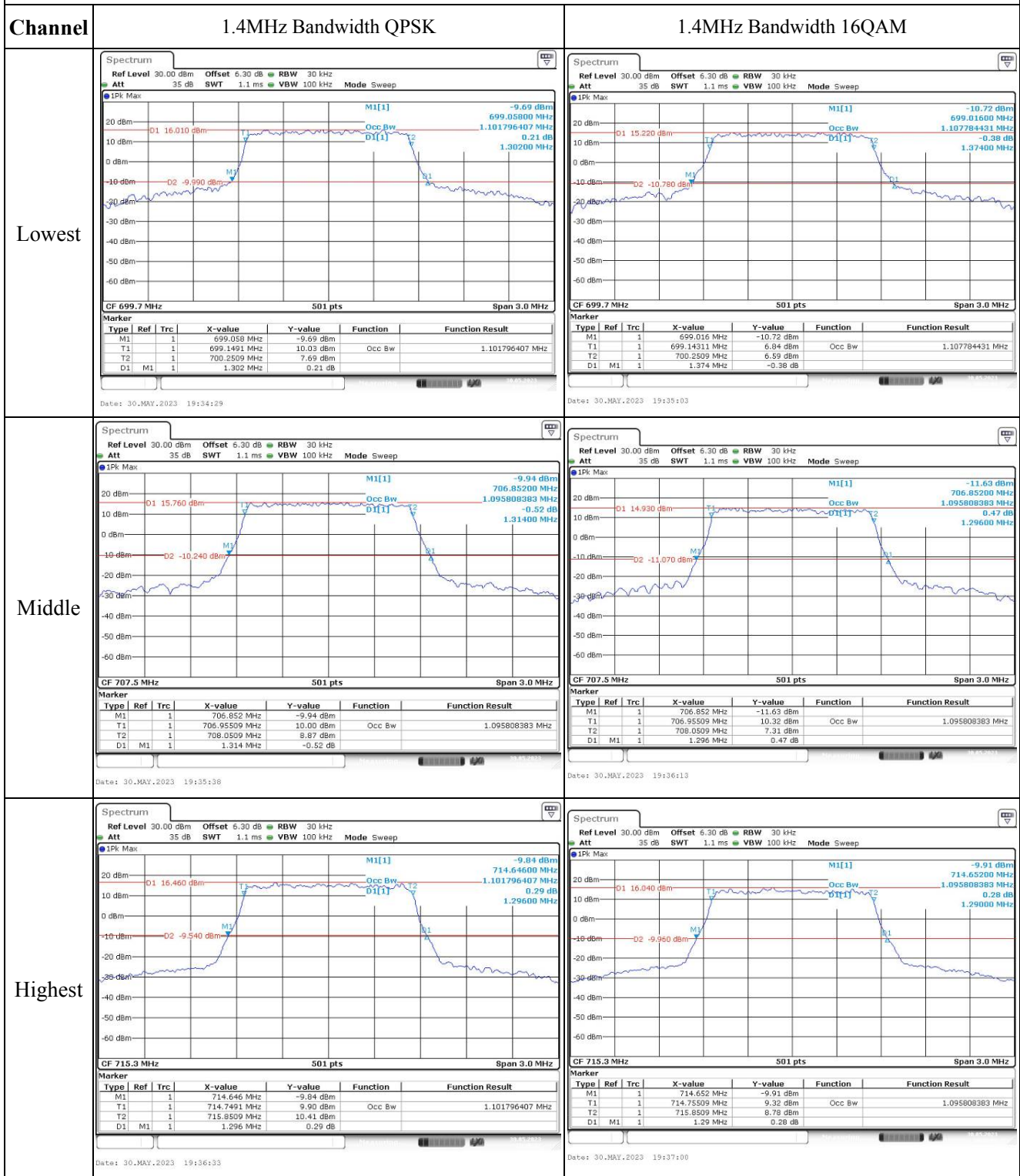
Frequency Stability

Test Mode:	10M 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	3.87	699.551	699.00	715.503	716.00
	-20	3.87	699.514	699.00	715.484	716.00
	-10	3.87	699.566	699.00	715.513	716.00
	0	3.87	699.561	699.00	715.499	716.00
	10	3.87	699.540	699.00	715.494	716.00
	20	3.87	699.529	699.00	715.471	716.00
	30	3.87	699.557	699.00	715.474	716.00
	40	3.87	699.553	699.00	715.472	716.00
	50	3.87	699.528	699.00	715.494	716.00
Frequency Stability vs. Voltage	20	3.47	699.512	699.00	715.460	716.00
	20	4.45	699.544	699.00	715.451	716.00
					Result:	Pass

Test Mode:	10M 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	3.87	699.493	699.00	715.579	716.00
	-20	3.87	699.534	699.00	715.562	716.00
	-10	3.87	699.528	699.00	715.572	716.00
	0	3.87	699.457	699.00	715.556	716.00
	10	3.87	699.477	699.00	715.521	716.00
	20	3.87	699.489	699.00	715.511	716.00
	30	3.87	699.449	699.00	715.557	716.00
	40	3.87	699.442	699.00	715.559	716.00
	50	3.87	699.506	699.00	715.543	716.00
Frequency Stability vs. Voltage	20	3.47	699.466	699.00	715.545	716.00
	20	4.45	699.461	699.00	715.549	716.00
					Result:	Pass

Test Plots(Note: The 6.3dB is the Insertion loss of the RF cable, Coaxial tee connector and DC Block, which was offset into the Spectrum Analyzer):

Occupied Bandwidth



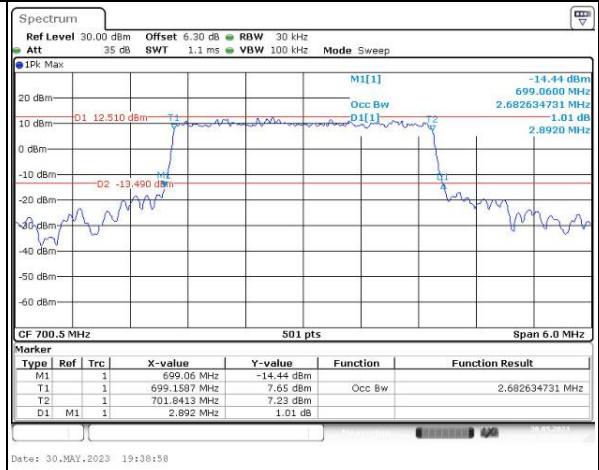
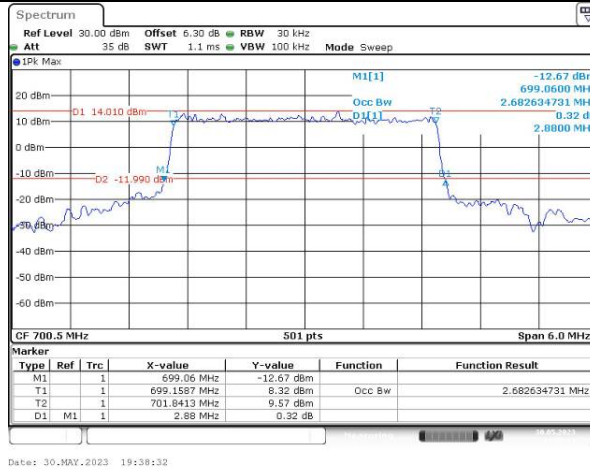
Occupied Bandwidth

Channel

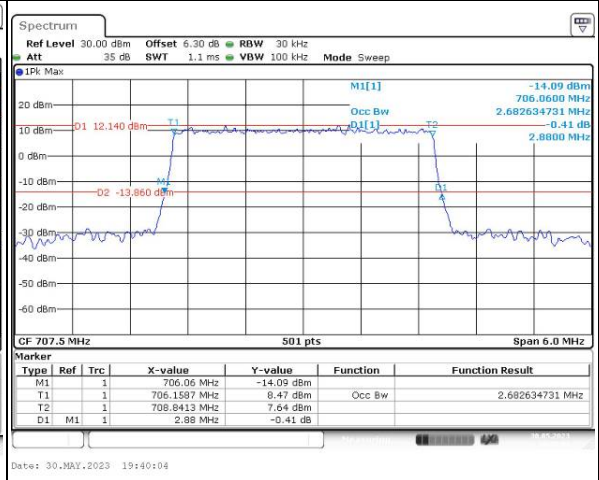
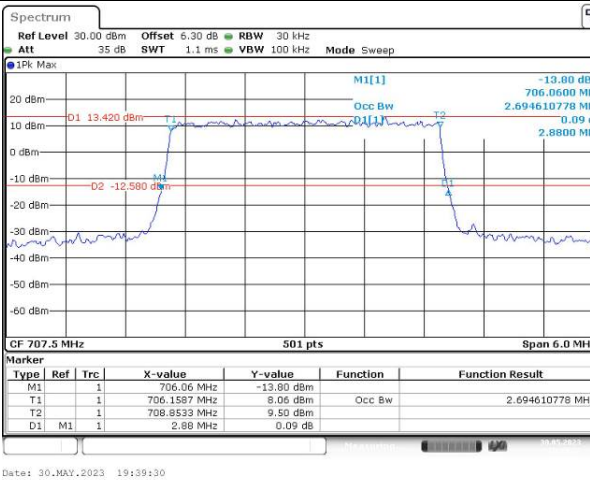
3MHz Bandwidth QPSK

3MHz Bandwidth 16QAM

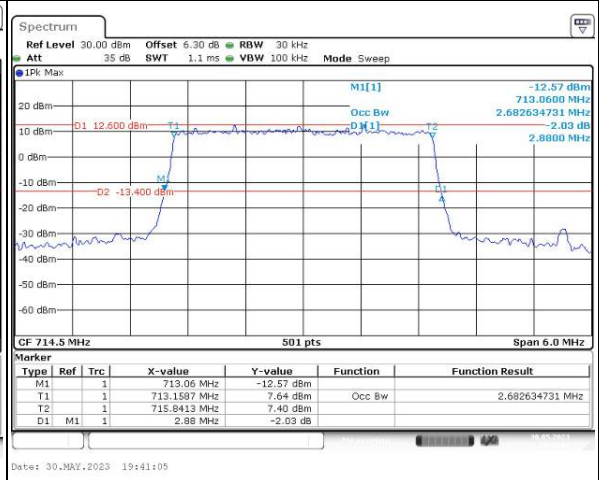
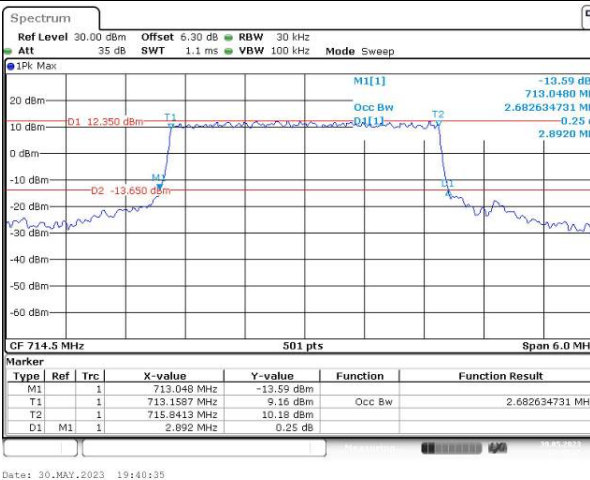
Lowest



Middle



Highest



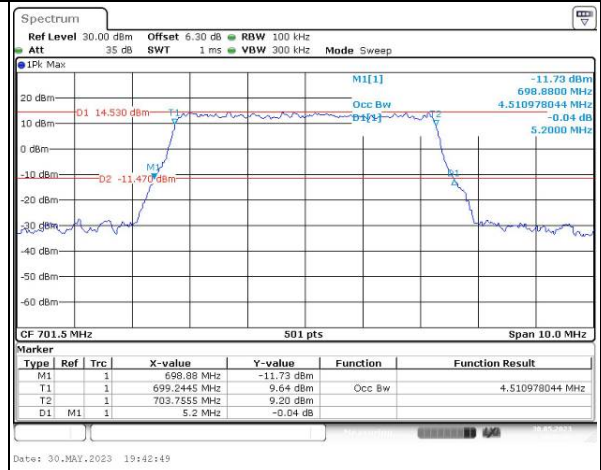
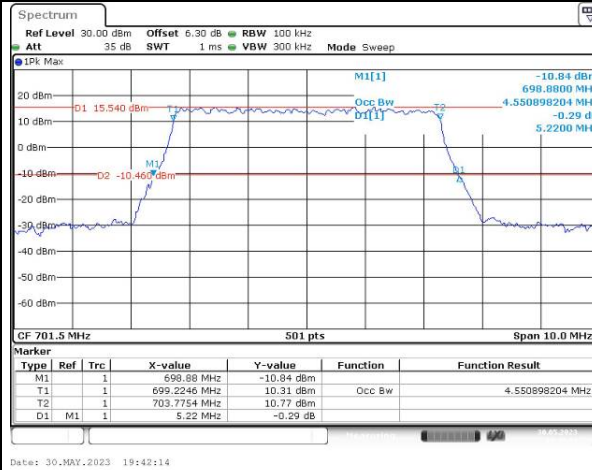
Occupied Bandwidth

Channel

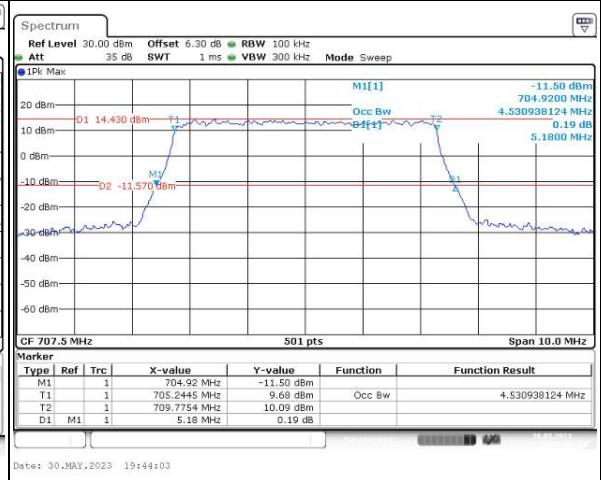
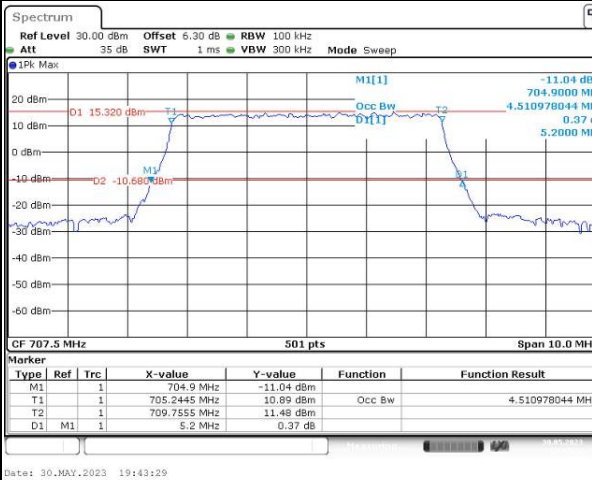
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

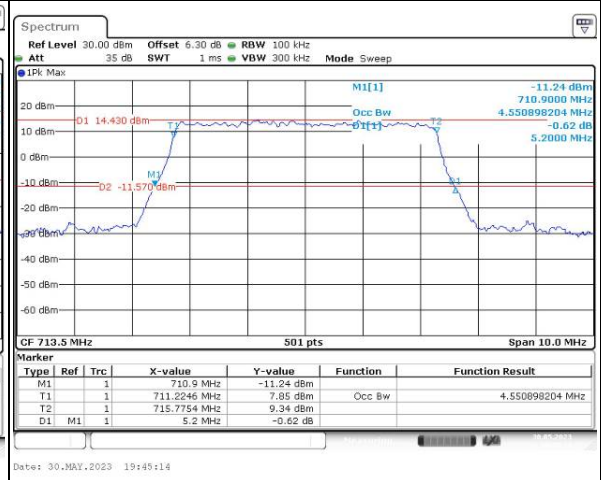
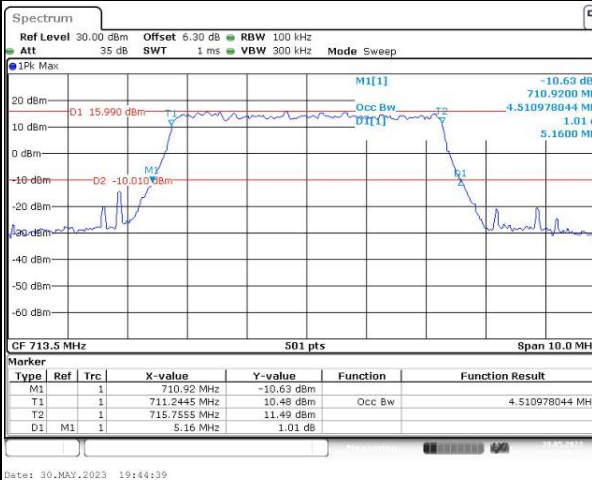
Lowest



Middle



Highest



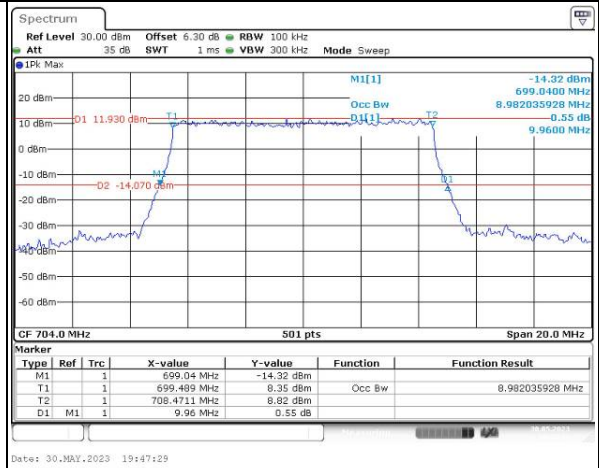
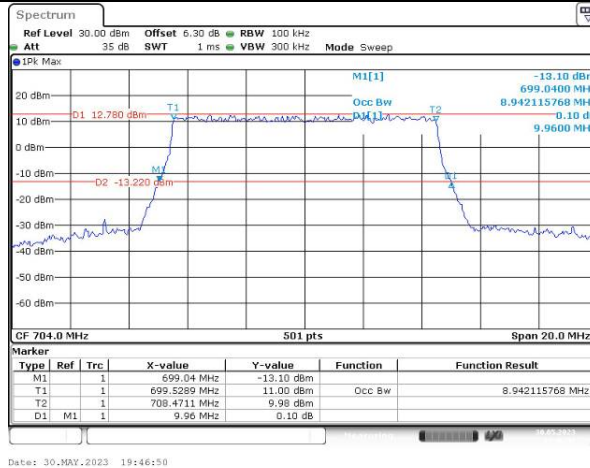
Occupied Bandwidth

Channel

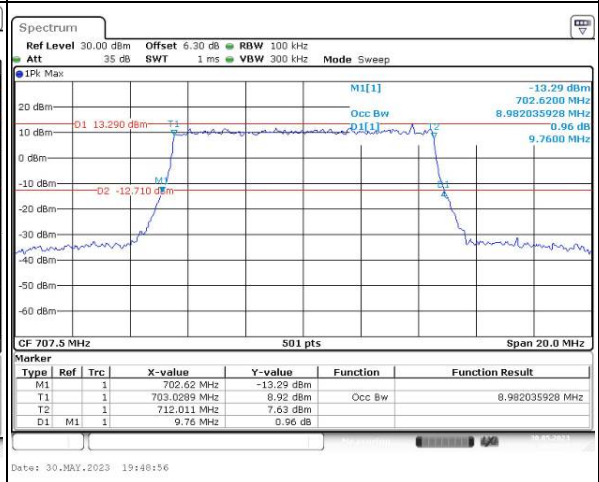
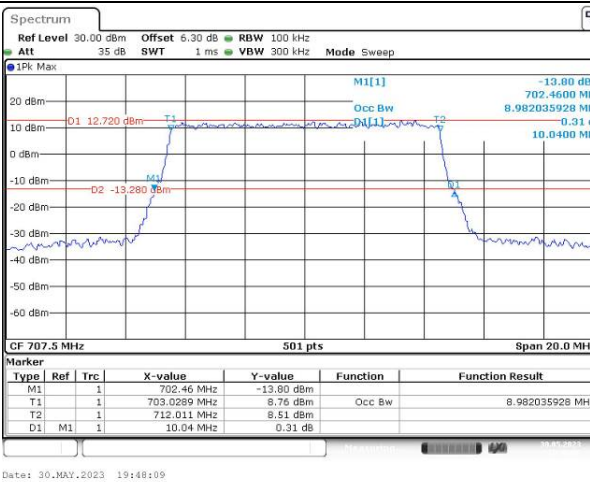
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

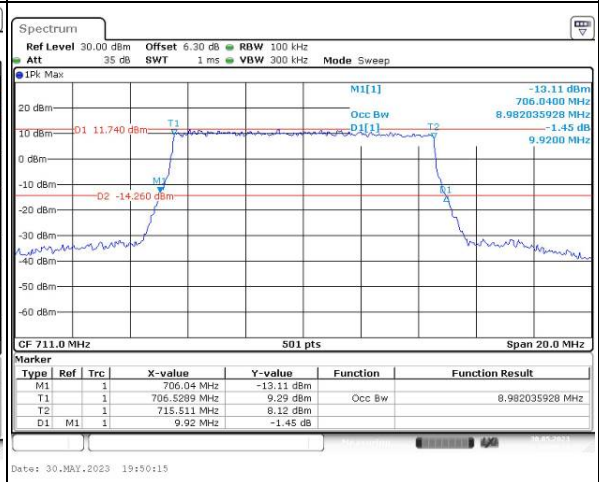
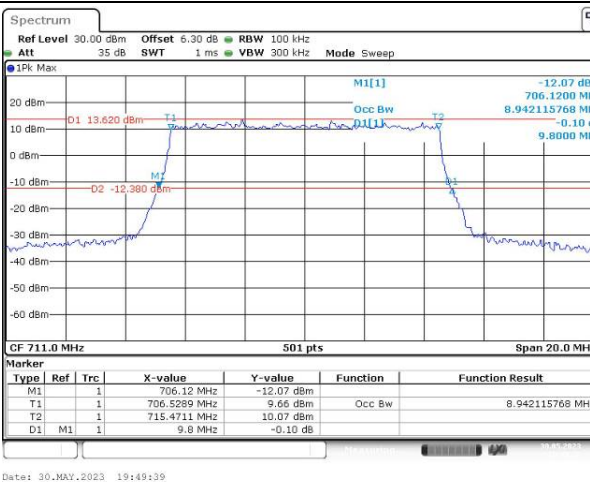
Lowest



Middle



Highest

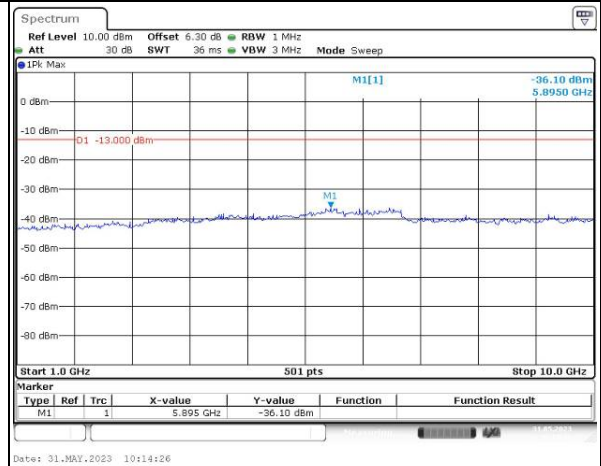
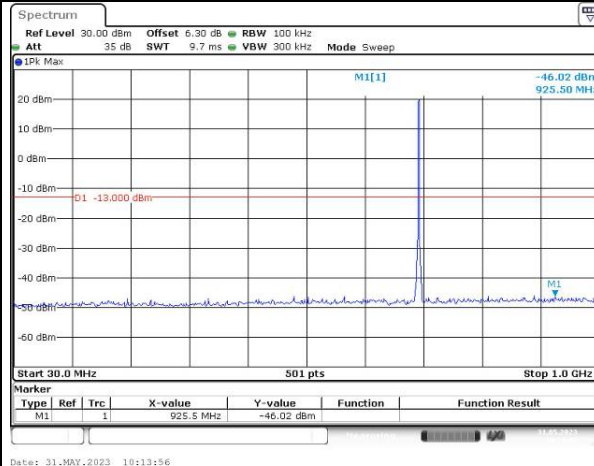


Spurious Emissions at Antenna Terminal

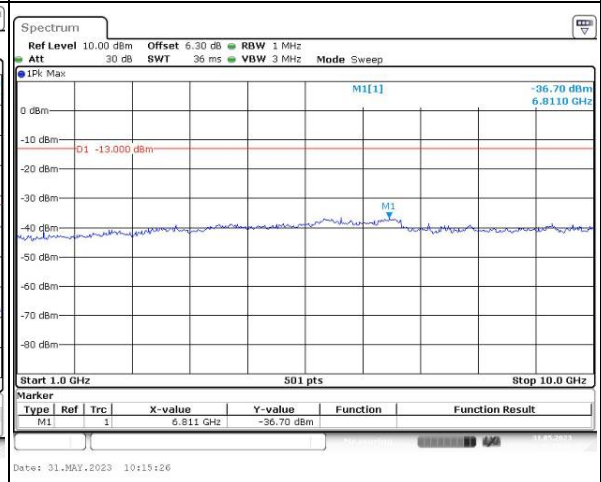
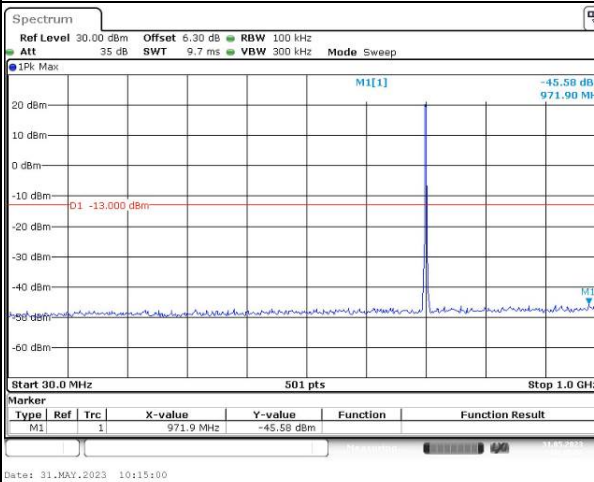
Channel

1.4MHz Bandwidth QPSK

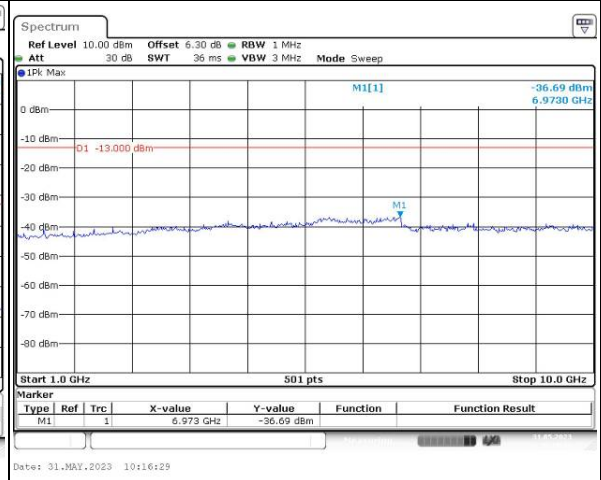
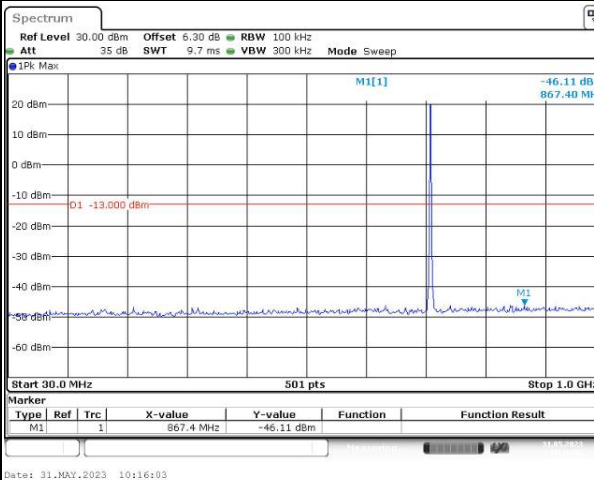
Lowest



Middle



Highest

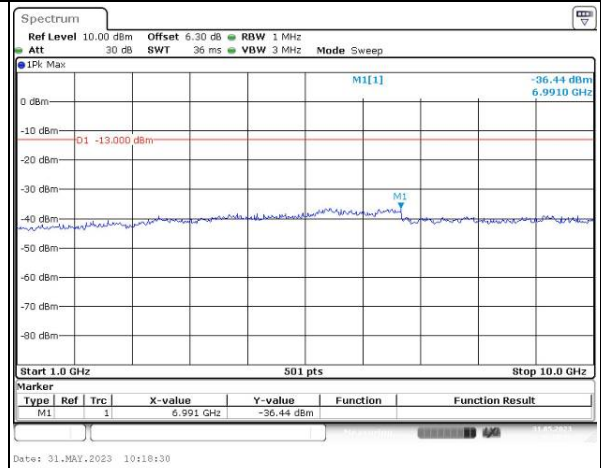
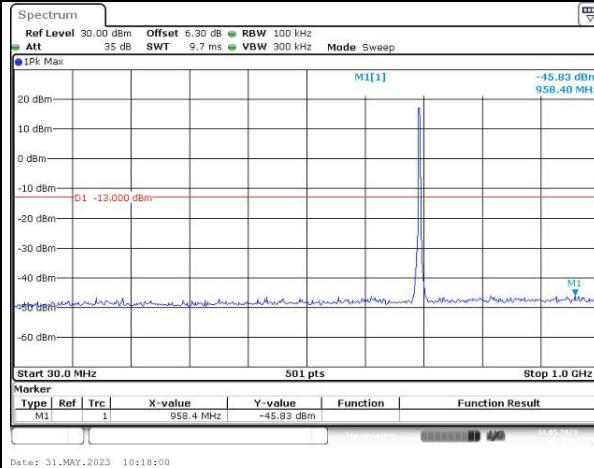


Spurious Emissions at Antenna Terminal

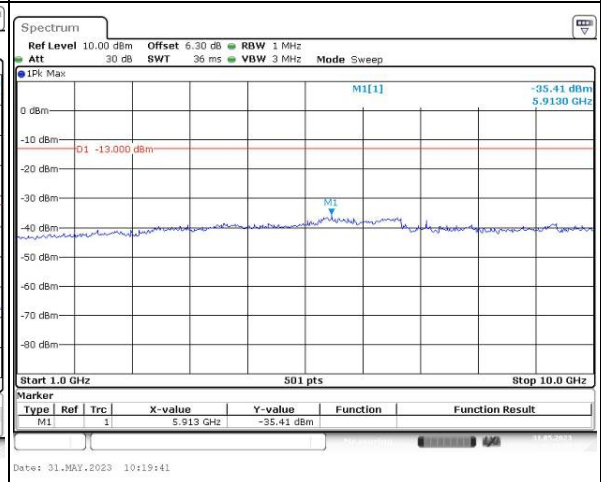
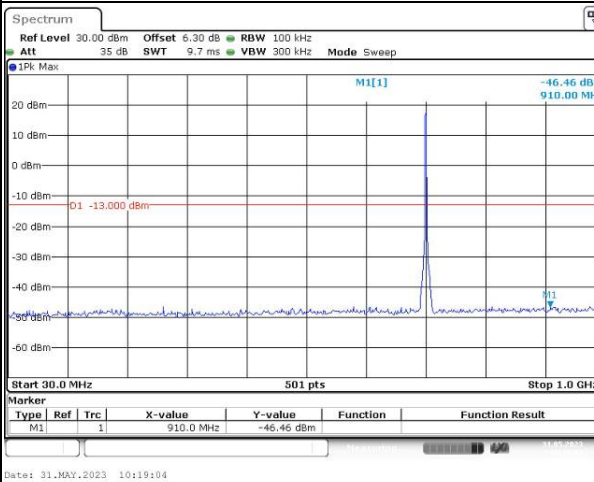
Channel

3MHz Bandwidth QPSK

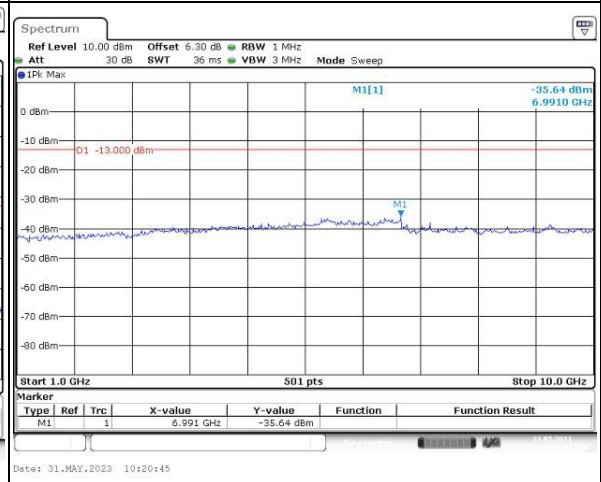
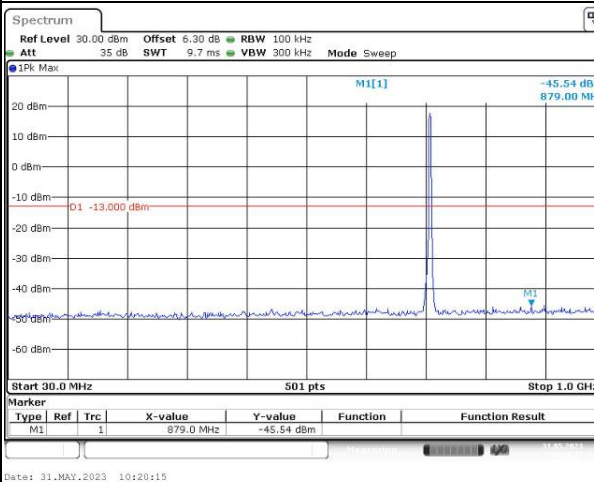
Lowest



Middle



Highest

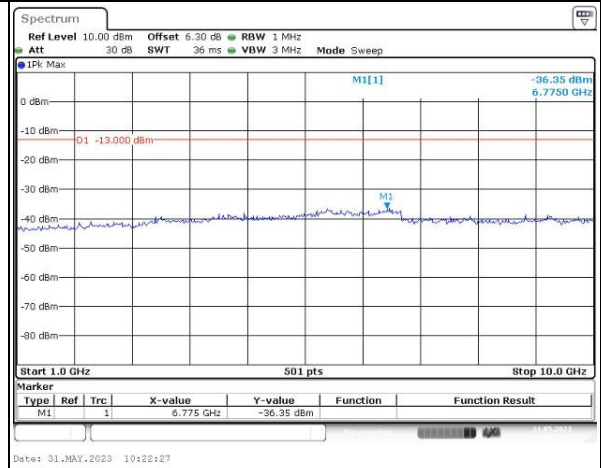
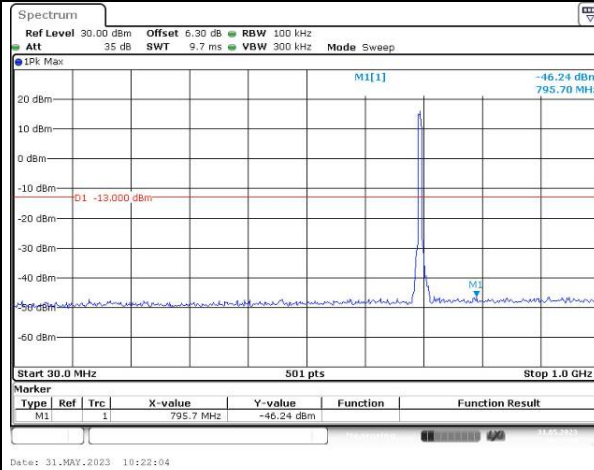


Spurious Emissions at Antenna Terminal

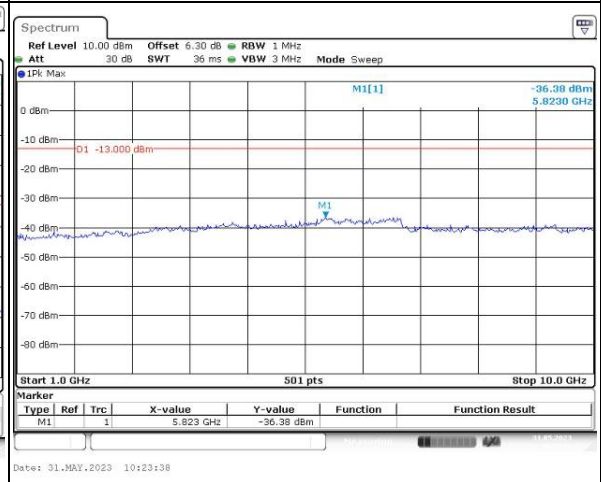
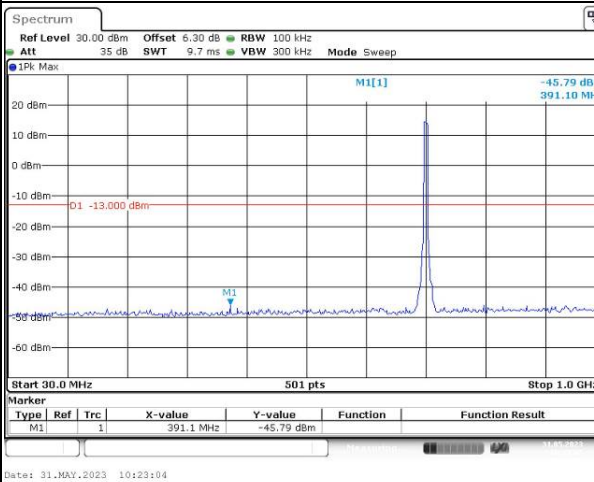
Channel

5MHz Bandwidth QPSK

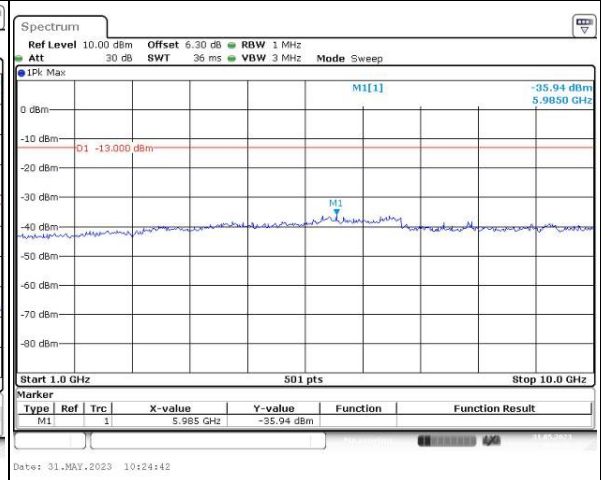
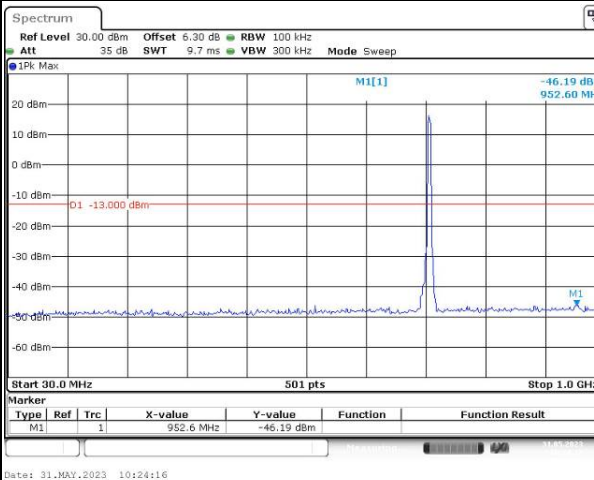
Lowest



Middle



Highest

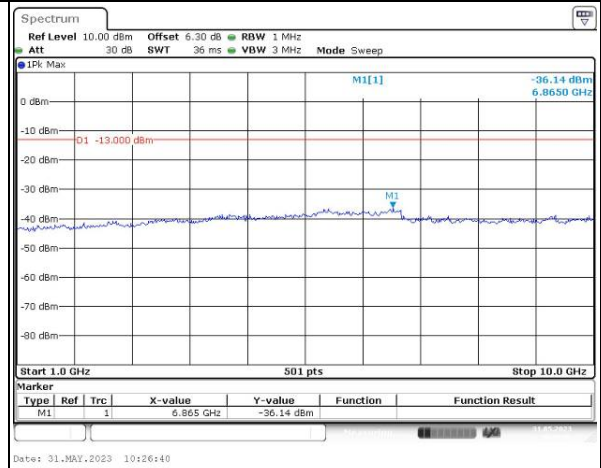
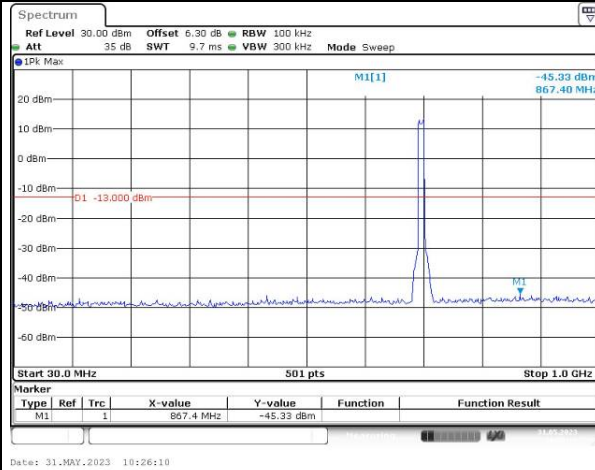


Spurious Emissions at Antenna Terminal

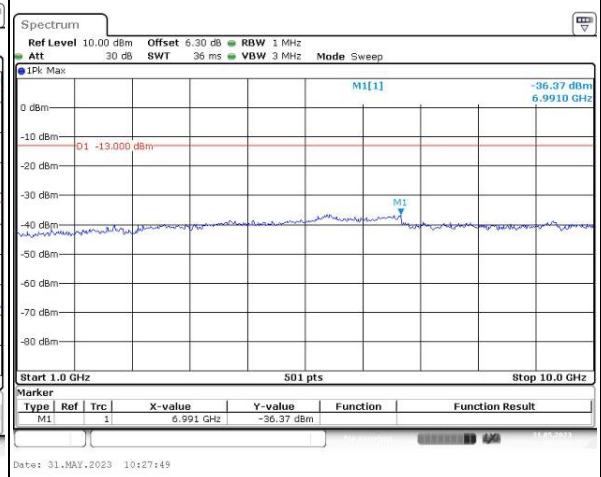
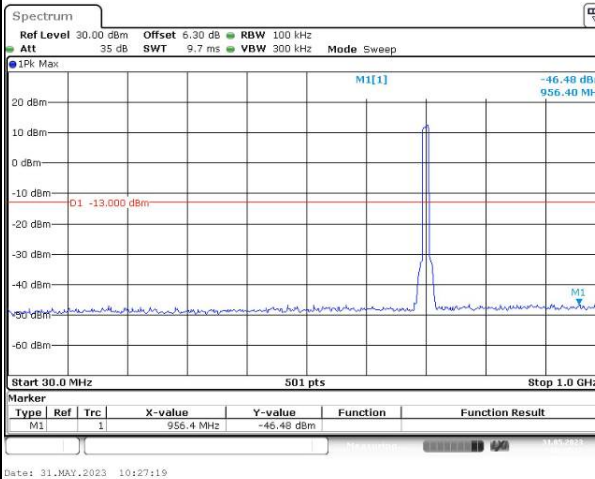
Channel

10MHz Bandwidth QPSK

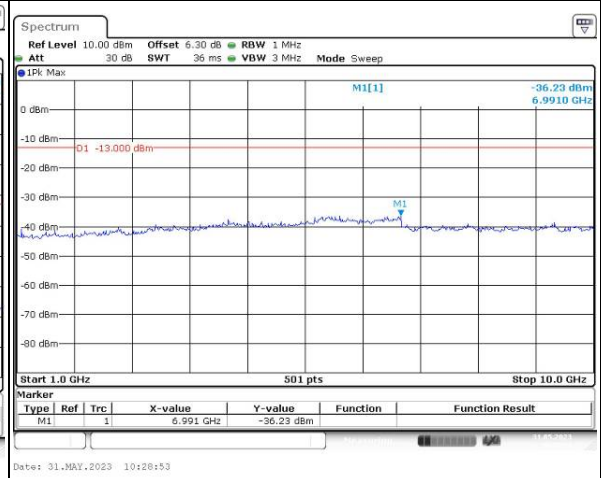
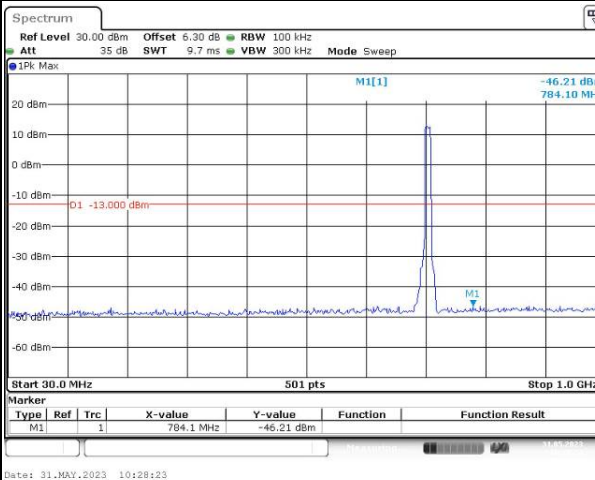
Lowest



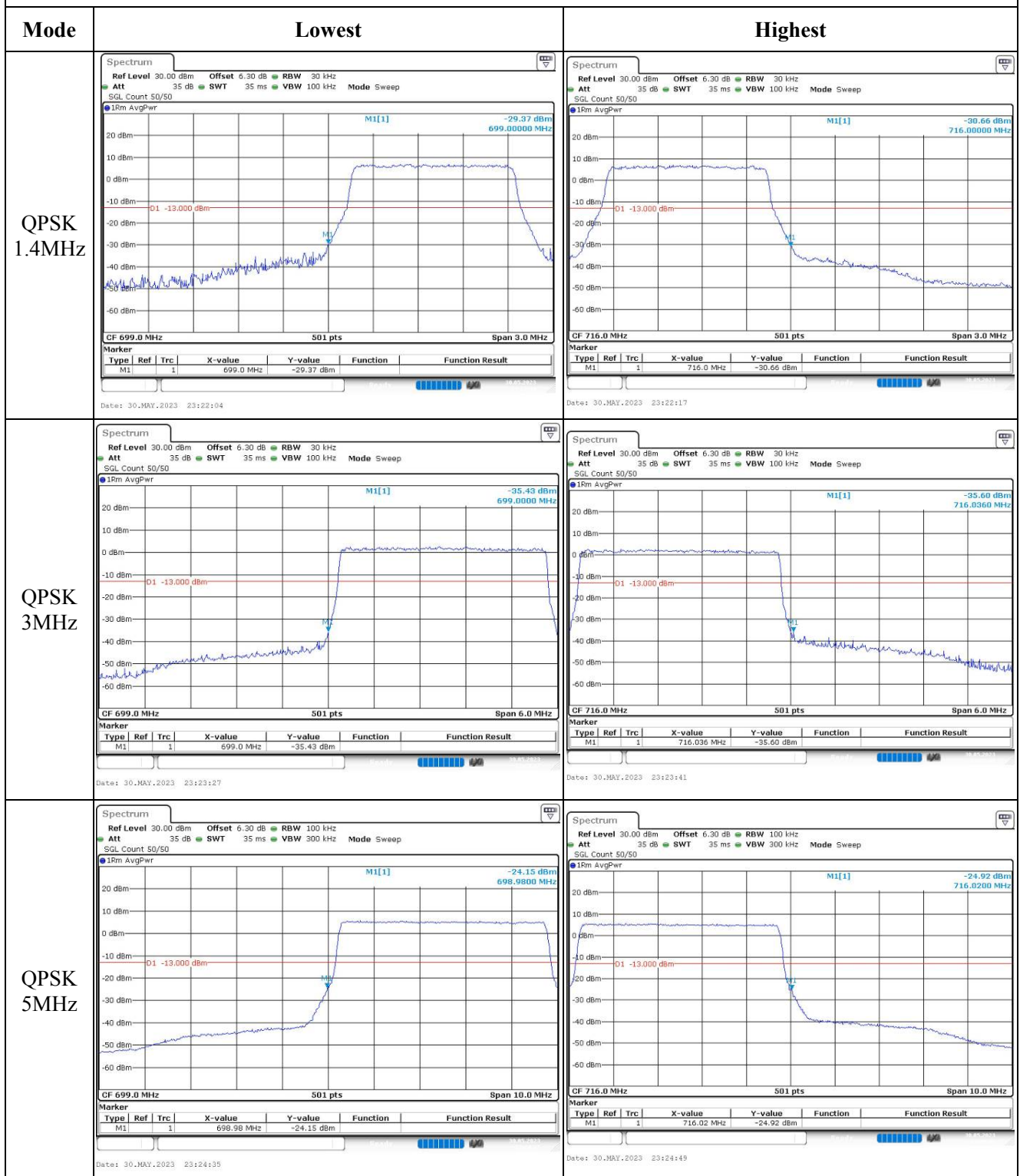
Middle



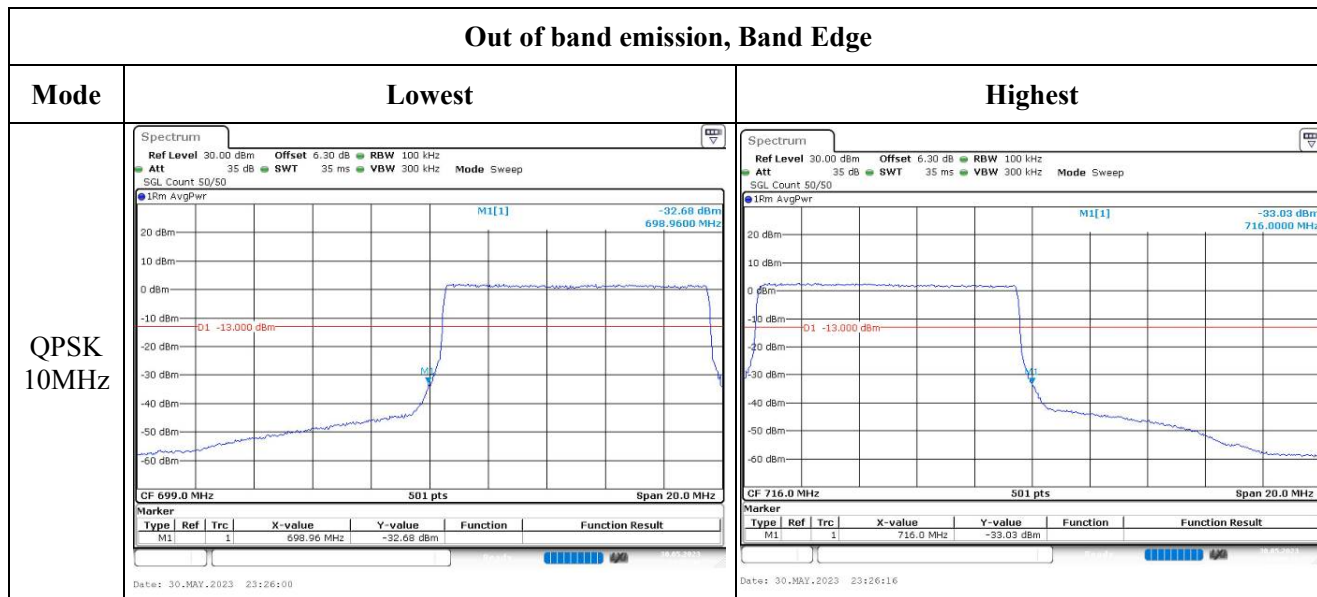
Highest



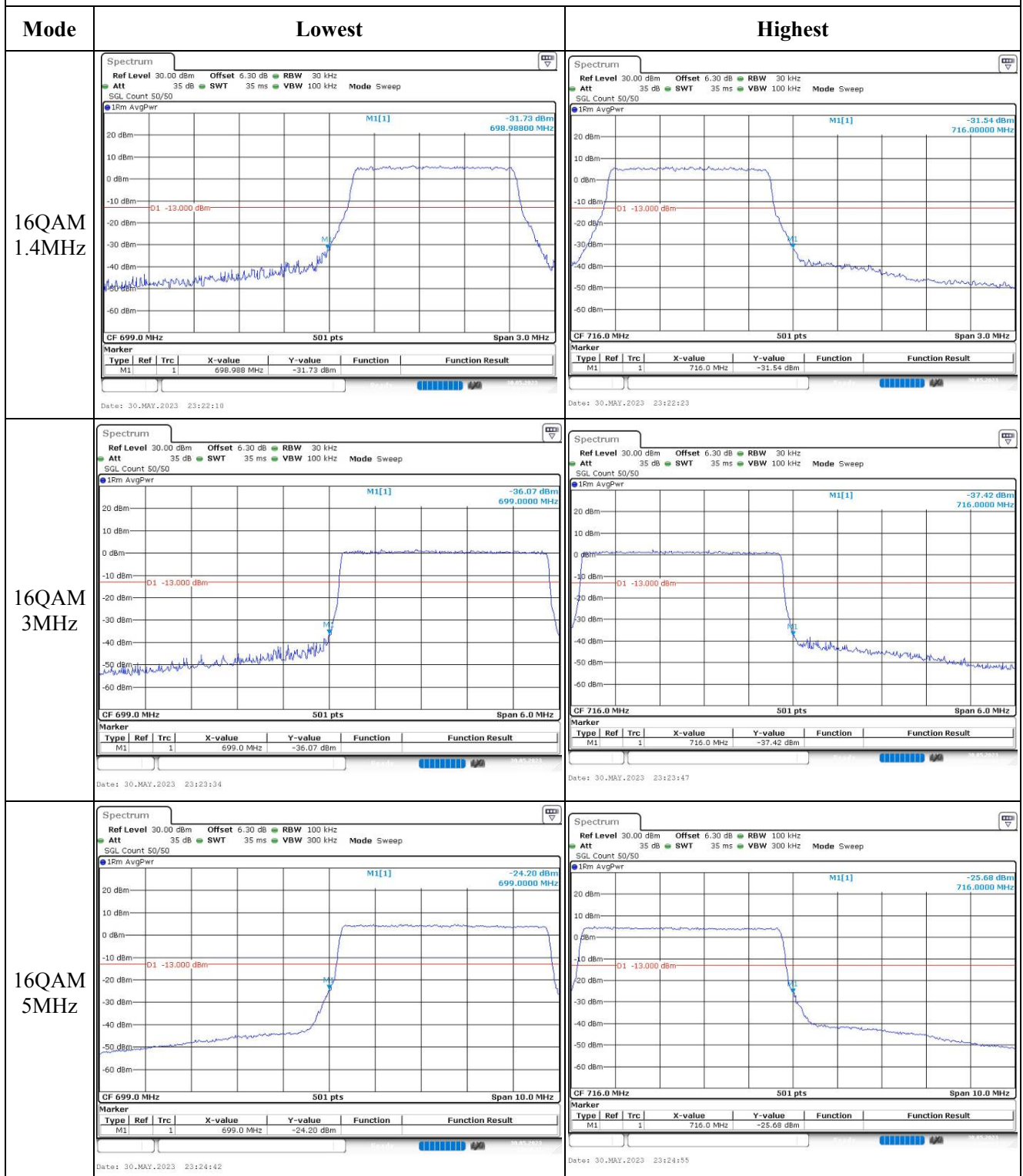
Out of band emission, Band Edge



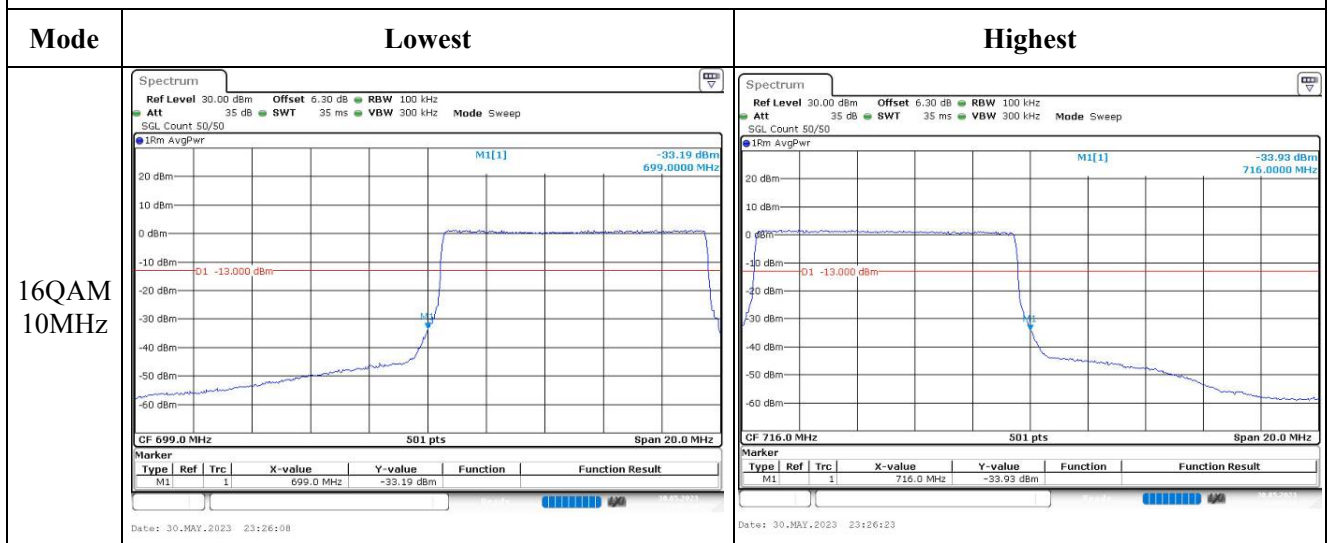
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.11 Antenna Port Test Data and Results for LTE Band 13

Serial Number:	25K9-3	Test Date:	2023/06/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.3	Relative Humidity: (%)	41	ATM Pressure: (kPa)	99.8
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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
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2023/3/31	2024/3/30
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2023/3/31	2024/3/30
UNI-T	Multimeter	UT39A+	C210582554	2022/9/29	2023/9/28
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
5MHz	779.5	/	784.5
10MHz	/	782	/

Test Data:**RF Output Power:**

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum ERP (dBm)	ERP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
5MHz QPSK	RB1#0	22.96	/	22.98	17.95	34.77
	RB1#13	23.16	/	23.12		
	RB1#24	23.04	/	23.07		
	RB15#0	22.16	/	22.16		
	RB15#10	22.11	/	22.11		
	RB25#0	22.11	/	22.11		
5MHz 16QAM	RB1#0	21.88	/	22.05	17	34.77
	RB1#13	22	/	22.21		
	RB1#24	21.91	/	22.12		
	RB15#0	21.16	/	21.19		
	RB15#10	21.19	/	21.18		
	RB25#0	21.17	/	21.14		
10MHz QPSK	RB1#0	/	23.01	/	18.03	34.77
	RB1#25	/	23.24	/		
	RB1#49	/	23.12	/		
	RB25#0	/	22.17	/		
	RB25#25	/	22.24	/		
	RB50#0	/	22.21	/		
10MHz 16QAM	RB1#0	/	22.55	/	17.62	34.77
	RB1#25	/	22.83	/		
	RB1#49	/	22.79	/		
	RB25#0	/	21.24	/		
	RB25#25	/	21.29	/		
	RB50#0	/	21.22	/		

Note:

ERP= Conducted Power(dBm) - Lc(dB) + G_T(dBd)G_T(dBd)=G_T(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	/	4.87	/	13
	RB50#0	/	5.36	/	13
10MHz 16QAM	RB1#0	/	5.88	/	13
	RB50#0	/	6.29	/	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
5MHz QPSK	4.511	/	4.531	5.24	/	5.18
5MHz 16QAM	4.551	/	4.511	5.2	/	5.18
10MHz QPSK	/	8.942	/	/	9.84	/
10MHz 16QAM	/	8.982	/	/	9.92	/

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

Spurious Emissions at Antenna Terminal

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

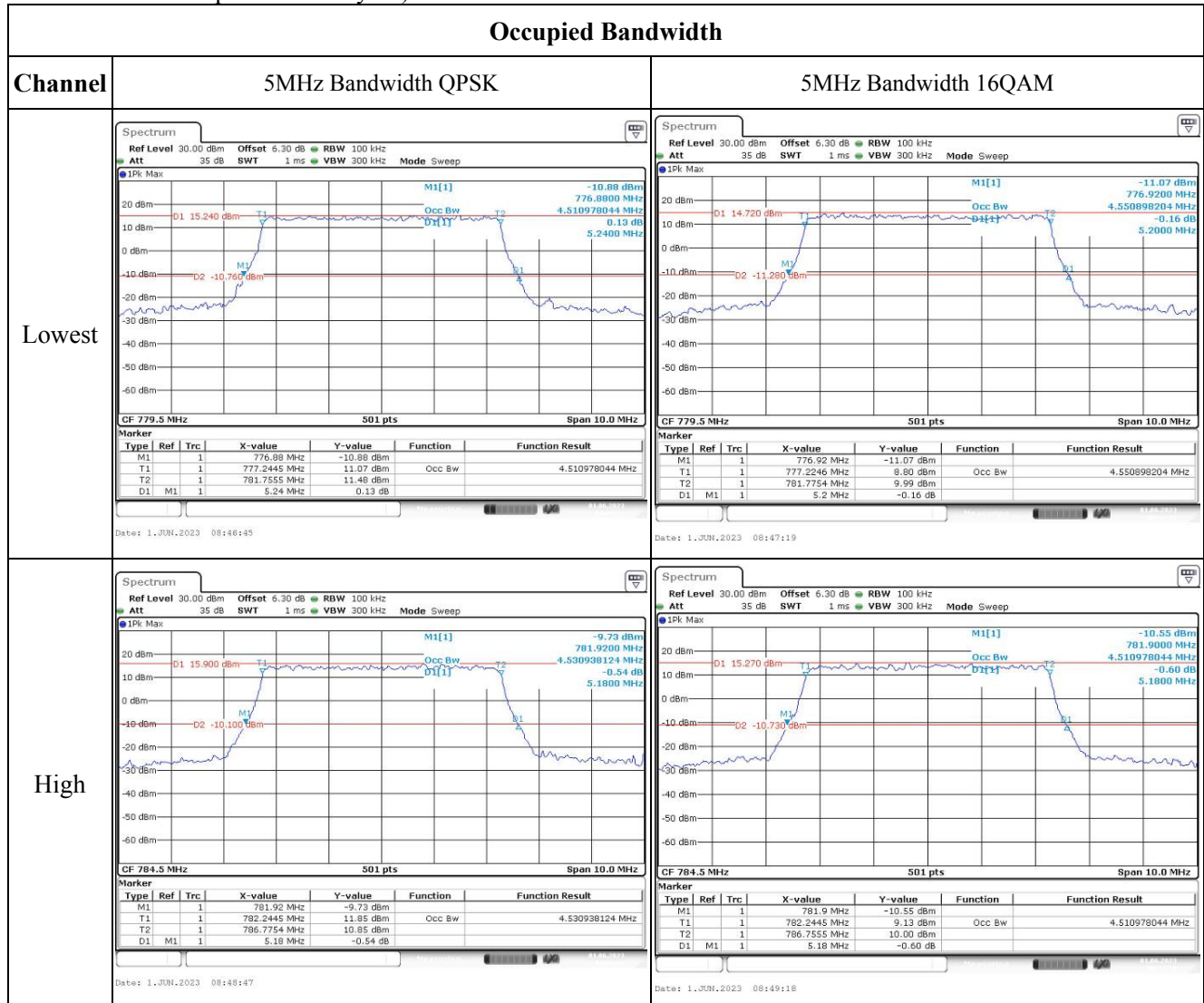
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.
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Frequency Stability

Test Mode:	10M 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	3.87	777.519	777.00	786.484	787.00
	-20	3.87	777.568	777.00	786.486	787.00
	-10	3.87	777.540	777.00	786.486	787.00
	0	3.87	777.579	777.00	786.526	787.00
	10	3.87	777.521	777.00	786.498	787.00
	20	3.87	777.529	777.00	786.471	787.00
	30	3.87	777.503	777.00	786.469	787.00
	40	3.87	777.561	777.00	786.511	787.00
	50	3.87	777.560	777.00	786.538	787.00
Frequency Stability vs. Voltage	20	3.47	777.533	777.00	786.489	787.00
	20	4.45	777.510	777.00	786.461	787.00
Result:					Pass	

Test Mode:	10M 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	3.87	777.574	777.00	786.561	787.00
	-20	3.87	777.581	777.00	786.504	787.00
	-10	3.87	777.559	777.00	786.567	787.00
	0	3.87	777.556	777.00	786.549	787.00
	10	3.87	777.577	777.00	786.538	787.00
	20	3.87	777.529	777.00	786.511	787.00
	30	3.87	777.581	777.00	786.578	787.00
	40	3.87	777.514	777.00	786.562	787.00
	50	3.87	777.515	777.00	786.539	787.00
Frequency Stability vs. Voltage	20	3.47	777.515	777.00	786.570	787.00
	20	4.45	777.584	777.00	786.526	787.00
					Result:	Pass

Test Plots(Note: The 6.3dB is the Insertion loss of the RF cable, Power splitter and DC Block, which was offset into the Spectrum Analyzer):



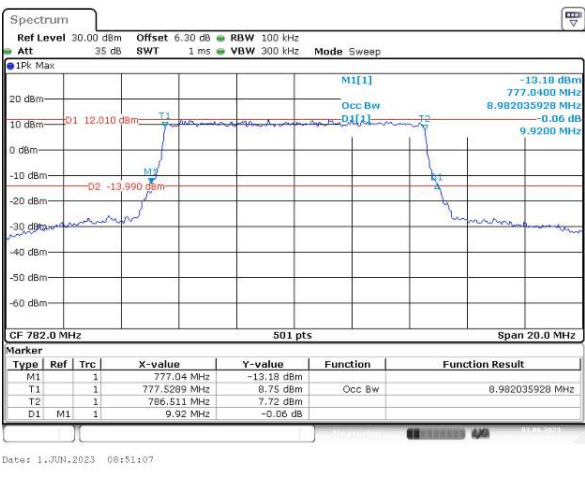
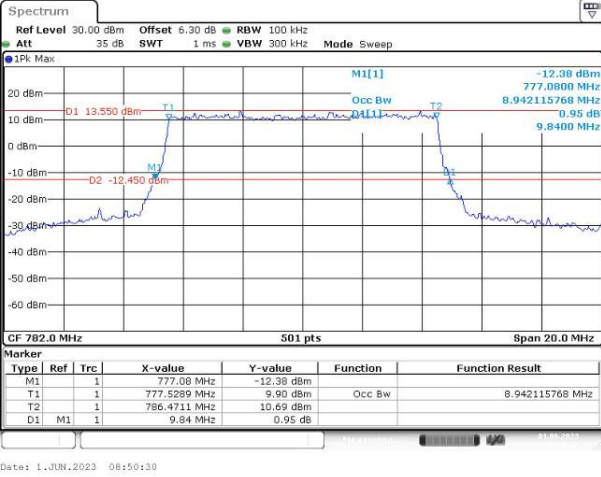
Occupied Bandwidth

Channel

10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

Middle

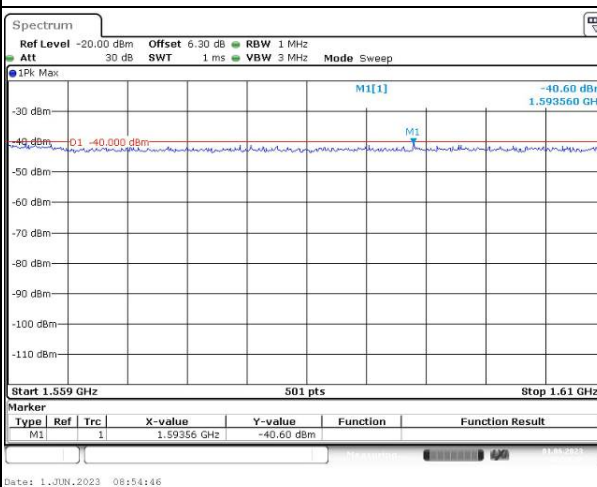
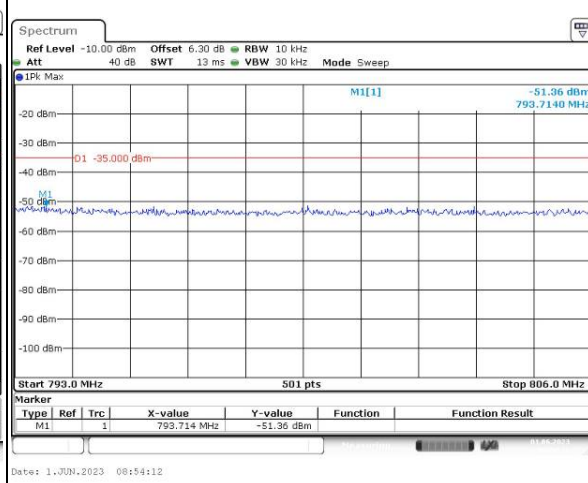
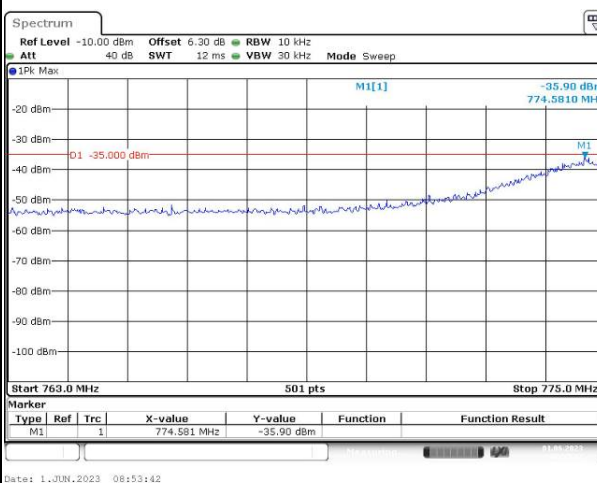
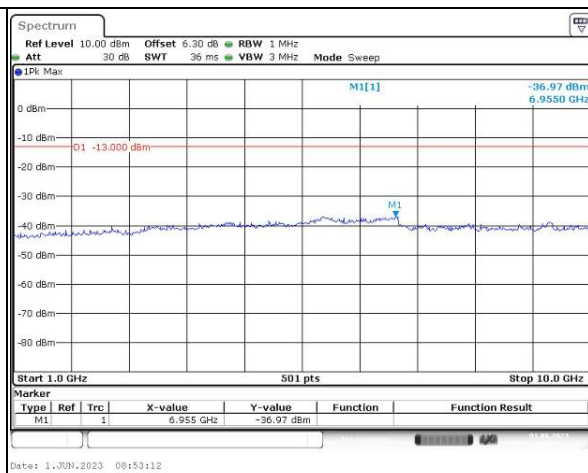
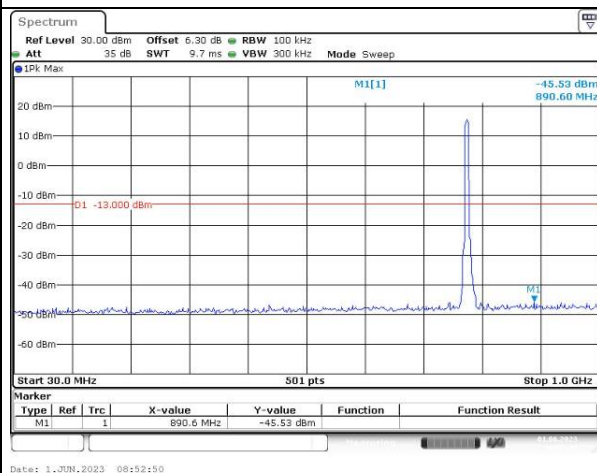


Spurious Emissions at Antenna Terminal

Channel

5MHz Bandwidth QPSK

Low

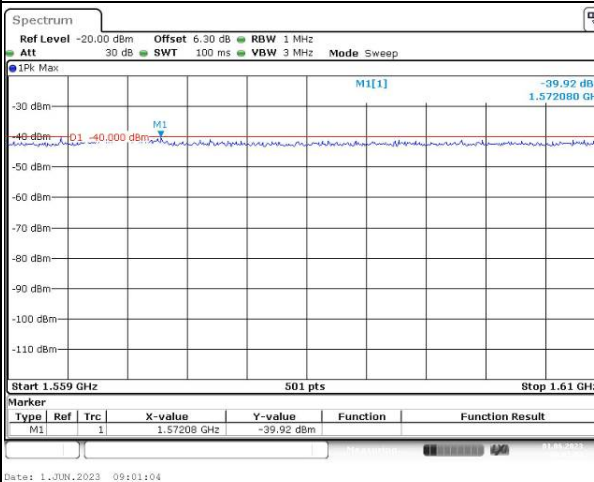
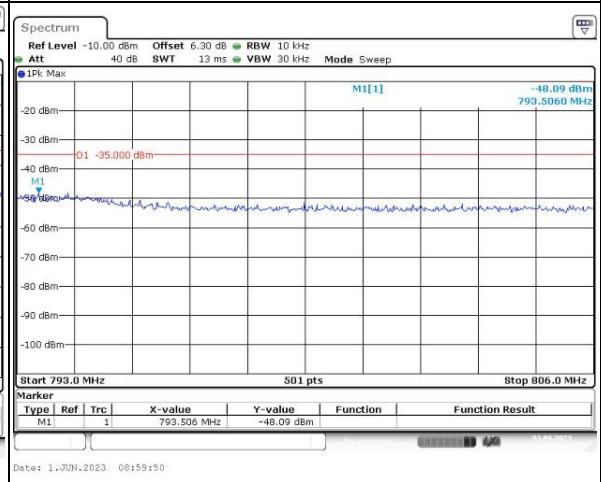
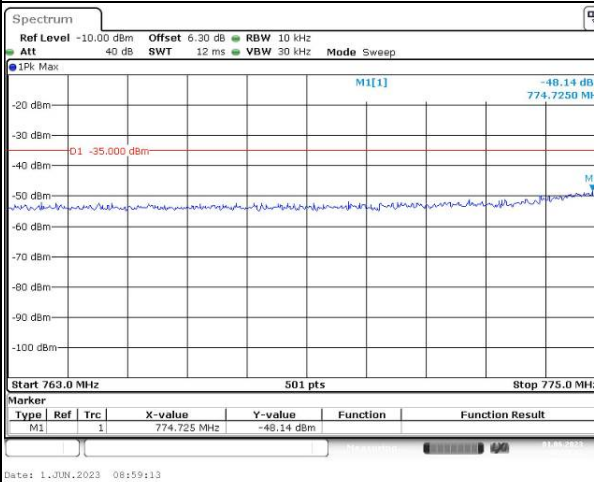
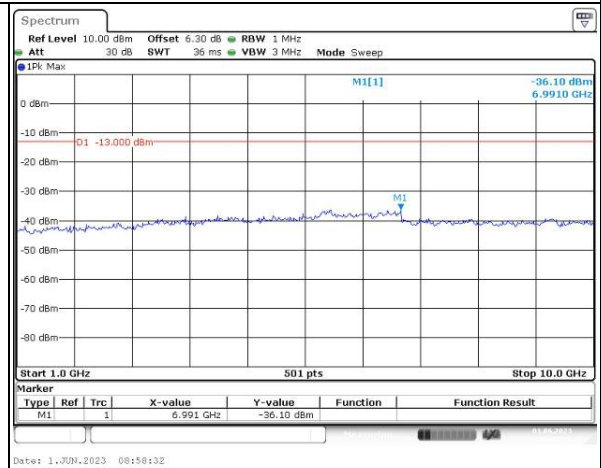
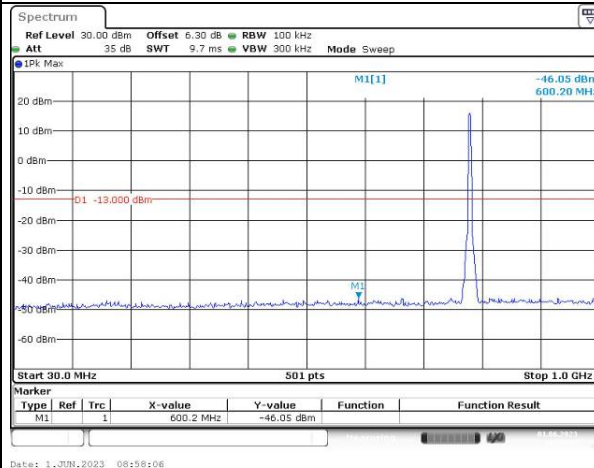


Spurious Emissions at Antenna Terminal

Channel

5MHz Bandwidth QPSK

High

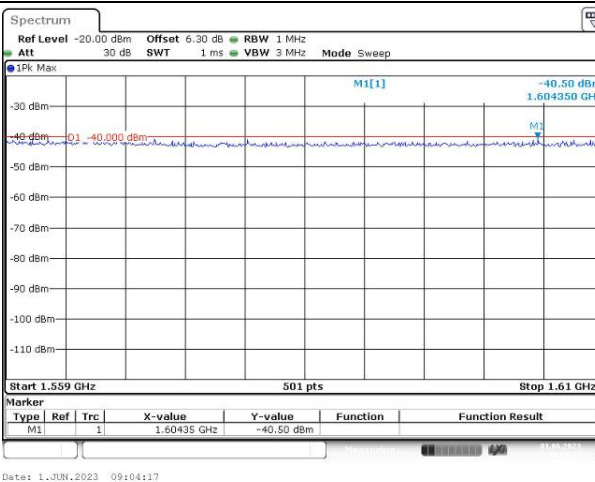
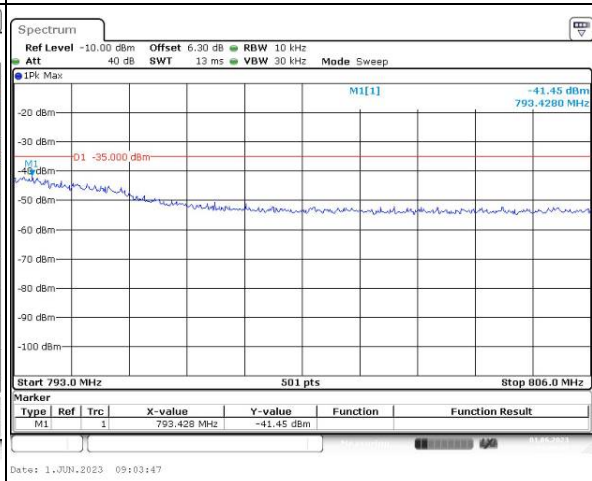
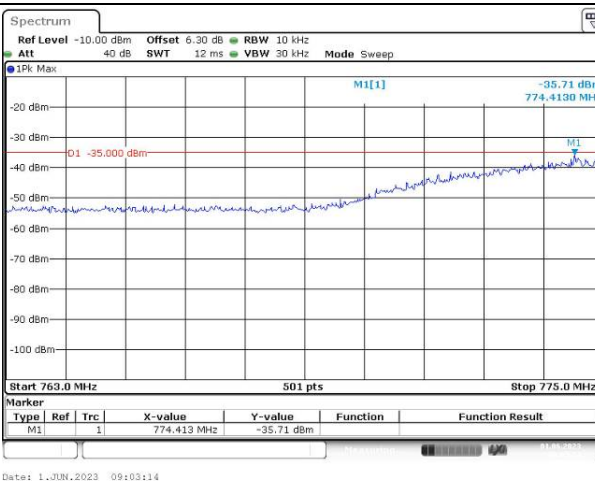
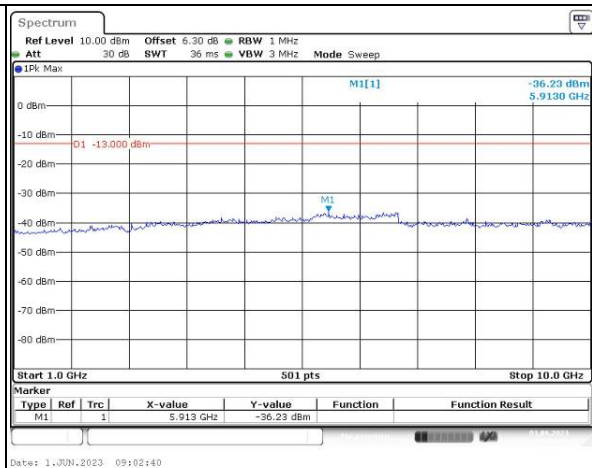
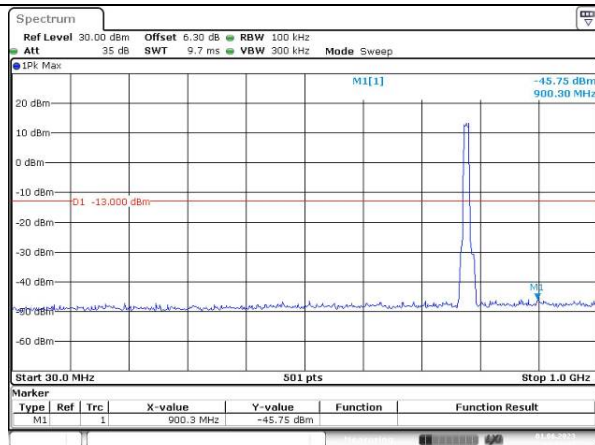


Spurious Emissions at Antenna Terminal

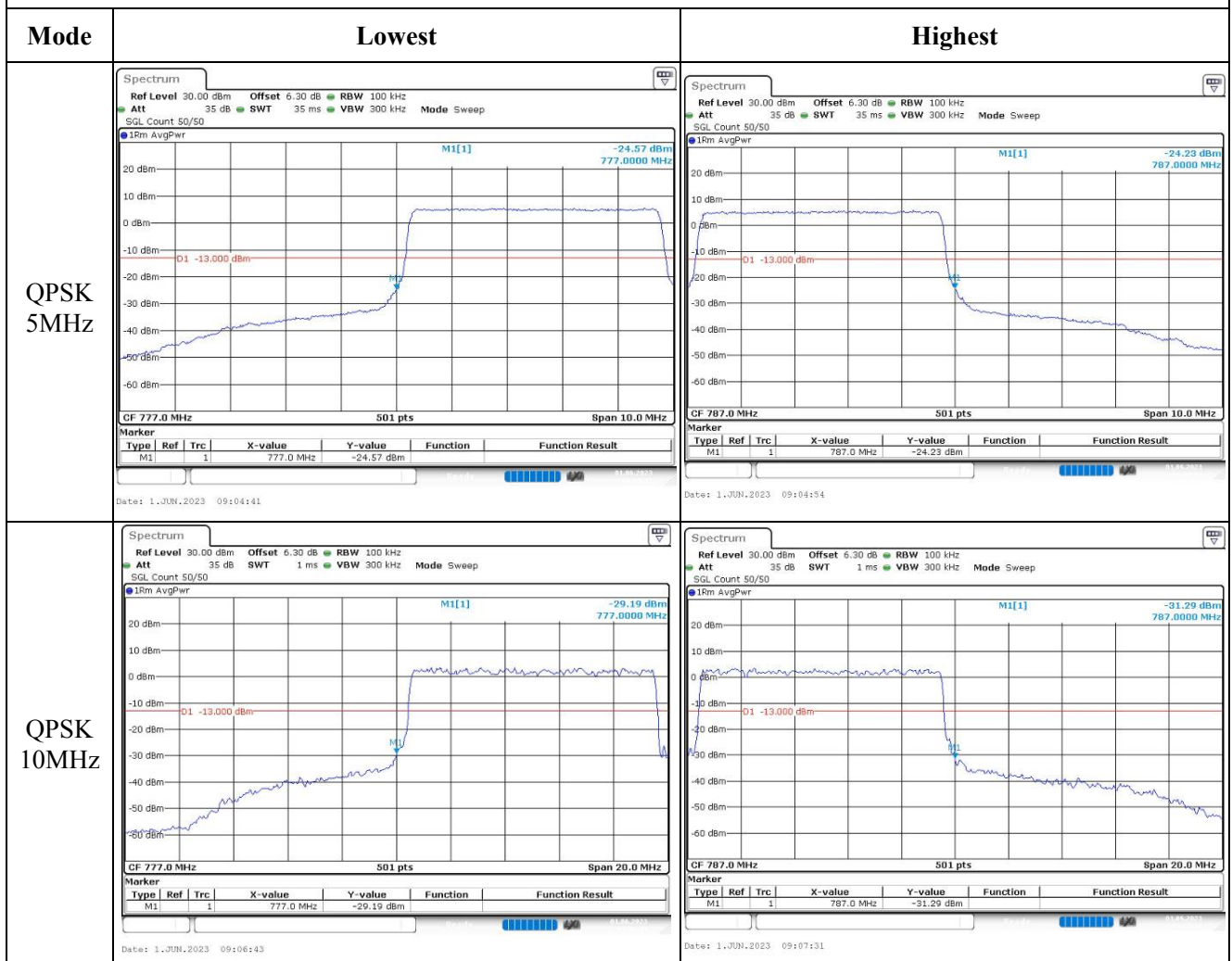
Channel

10MHz Bandwidth QPSK

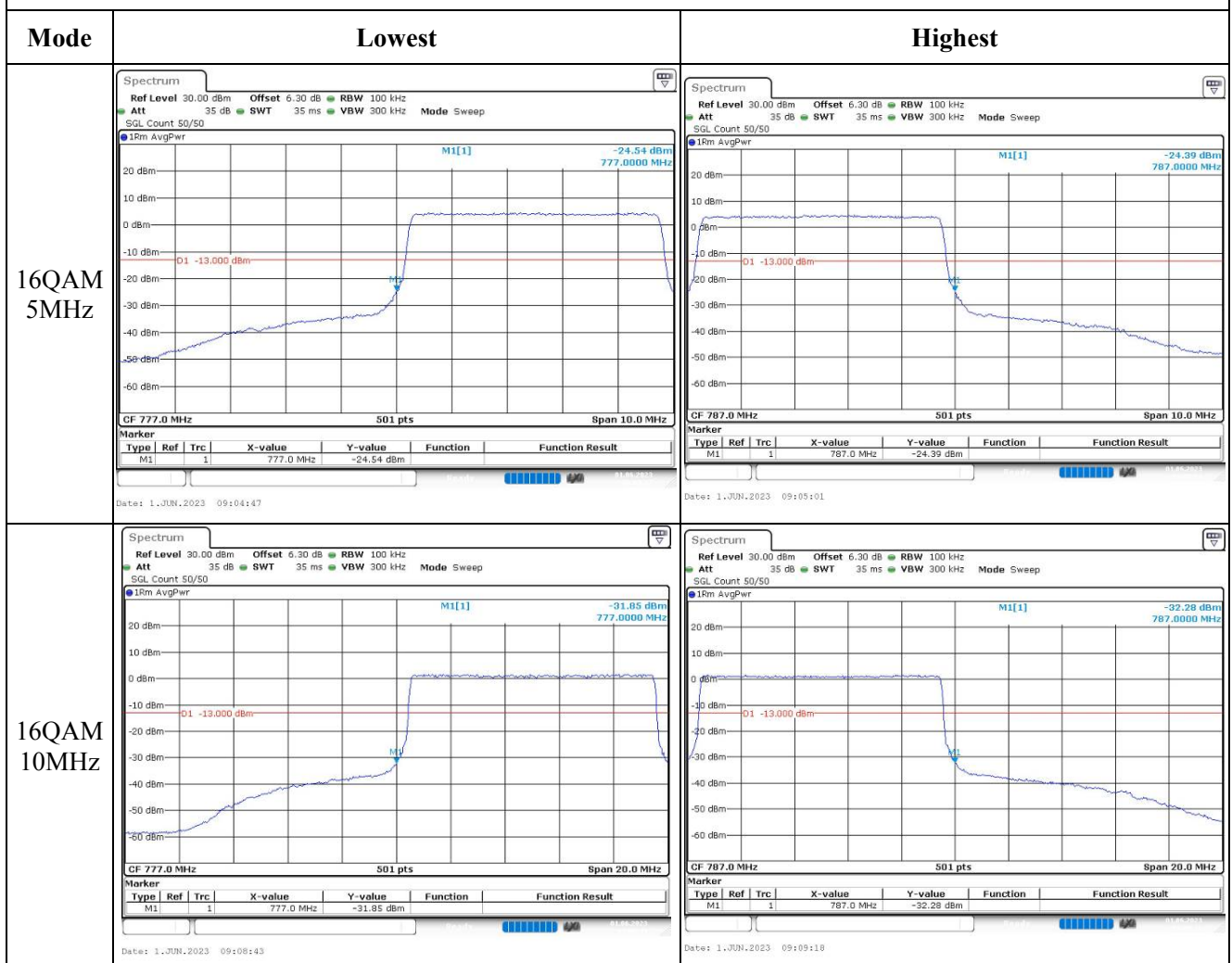
Middle



Out of band emission, Band Edge



Out of band emission, Band Edge



4.12 Antenna Port Test Data and Results for LTE Band 14

Serial Number:	25K9-3	Test Date:	2023/05/30~2023/08/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.3~26.7	Relative Humidity: (%)	41~55	ATM Pressure: (kPa)	99.8~100
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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
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2023/3/31	2024/3/30
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2023/3/31	2024/3/30
UNI-T	Multimeter	UT39A+	C210582554	2022/9/29	2023/9/28
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
5MHz	790.5	/	795.5
10MHz	/	793	/

Test Data:**RF Output Power:**

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum ERP (dBm)	ERP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
5MHz QPSK	RB1#0	23.13	/	23.13	18.65	34.77
	RB1#13	23.27	/	23.25		
	RB1#24	23.19	/	23.1		
	RB15#0	22.26	/	22.19		
	RB15#10	22.3	/	22.27		
	RB25#0	22.27	/	22.18		
5MHz 16QAM	RB1#0	22.48	/	22.06	17.99	34.77
	RB1#13	22.61	/	22.1		
	RB1#24	22.47	/	22.07		
	RB15#0	21.27	/	21.24		
	RB15#10	21.27	/	21.27		
	RB25#0	21.28	/	21.23		
10MHz QPSK	RB1#0	/	23.19	/	18.73	34.77
	RB1#25	/	23.35	/		
	RB1#49	/	23.17	/		
	RB25#0	/	22.33	/		
	RB25#25	/	22.31	/		
	RB50#0	/	22.32	/		
10MHz 16QAM	RB1#0	/	22.78	/	18.3	34.77
	RB1#25	/	22.92	/		
	RB1#49	/	22.78	/		
	RB25#0	/	21.37	/		
	RB25#25	/	21.39	/		
	RB50#0	/	21.35	/		

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	/	4.96	/	13
	RB50#0	/	5.36	/	13
10MHz 16QAM	RB1#0	/	5.62	/	13
	RB50#0	/	6.26	/	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
5MHz QPSK	4.511	/	4.531	5.2	/	5.2
5MHz 16QAM	4.531	/	4.511	5.22	/	5.16
10MHz QPSK	/	8.942	/	/	10	/
10MHz 16QAM	/	8.982	/	/	9.96	/
Note: The test plots please refer to the Plots of Occupied Bandwidth						

Spurious Emissions at Antenna Terminal

Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.
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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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Frequency Stability (For FCC)

Test Modulation:	10 MHz QPSK		Test Channel:	793	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.87	-10.3	-0.013	2.5
	-20	3.87	8.5	0.011	2.5
	-10	3.87	-6.2	-0.008	2.5
	0	3.87	-6.43	-0.008	2.5
	10	3.87	9.9	0.012	2.5
	20	3.87	9.96	0.013	2.5
	30	3.87	-8.05	-0.010	2.5
	40	3.87	-8.11	-0.010	2.5
	50	3.87	8.63	0.011	2.5
Frequency Stability vs. Voltage	20	3.47	-9.03	-0.011	2.5
	20	4.45	7.89	0.010	2.5
Result:				Pass	

Test Modulation:	10 MHz 16QAM		Test Channel:	793	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.87	-5.01	-0.006	2.5
	-20	3.87	-5.45	-0.007	2.5
	-10	3.87	5.38	0.007	2.5
	0	3.87	-5.96	-0.008	2.5
	10	3.87	7.1	0.009	2.5
	20	3.87	6.58	0.008	2.5
	30	3.87	-6.31	-0.008	2.5
	40	3.87	8.1	0.010	2.5
	50	3.87	-5.14	-0.006	2.5
Frequency Stability vs. Voltage	20	3.47	-6.22	-0.008	2.5
	20	4.45	-8.39	-0.011	2.5
				Result:	Pass

Frequency Stability (For IC)						
Test Mode:	10M 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	3.87	788.527	788.00	797.464	798.00
	-20	3.87	788.536	788.00	797.467	798.00
	-10	3.87	788.540	788.00	797.475	798.00
	0	3.87	788.542	788.00	797.469	798.00
	10	3.87	788.520	788.00	797.478	798.00
	20	3.87	788.529	788.00	797.471	798.00
	30	3.87	788.520	788.00	797.467	798.00
	40	3.87	788.532	788.00	797.481	798.00
	50	3.87	788.533	788.00	797.482	798.00
Frequency Stability vs. Voltage	20	3.47	788.526	788.00	797.472	798.00
	20	4.45	788.542	788.00	797.464	798.00
				Result:	Pass	

Test Mode:	10M 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	3.87	788.483	788.00	797.480	798.00
	-20	3.87	788.487	788.00	797.463	798.00
	-10	3.87	788.503	788.00	797.472	798.00
	0	3.87	788.500	788.00	797.462	798.00
	10	3.87	788.504	788.00	797.482	798.00
	20	3.87	788.489	788.00	797.471	798.00
	30	3.87	788.502	788.00	797.464	798.00
	40	3.87	788.495	788.00	797.475	798.00
	50	3.87	788.484	788.00	797.471	798.00
Frequency Stability vs. Voltage	20	3.47	788.480	788.00	797.483	798.00
	20	4.45	788.480	788.00	797.477	798.00
					Result:	Pass

Test Plots(Note: The 6.3dB is the Insertion loss of the RF cable, Power splitter and DC Block, which was offset into the Spectrum Analyzer):

