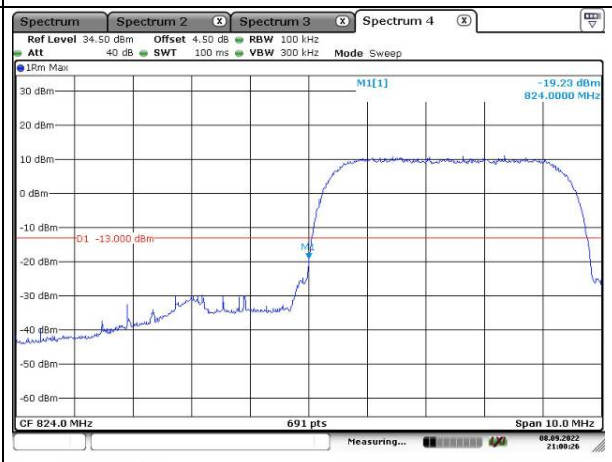
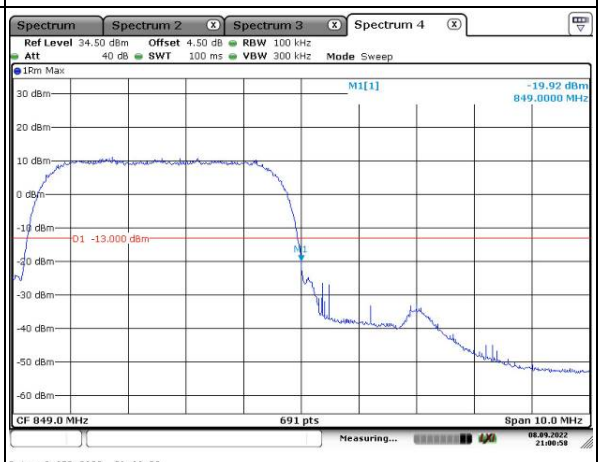
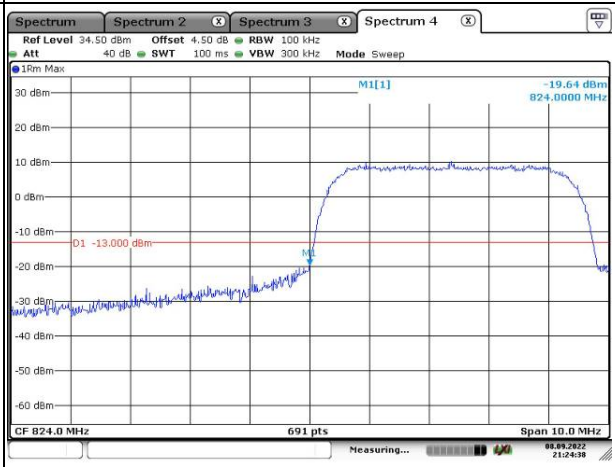
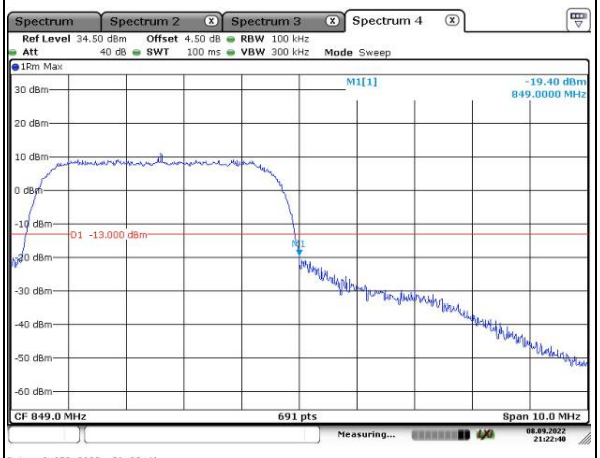
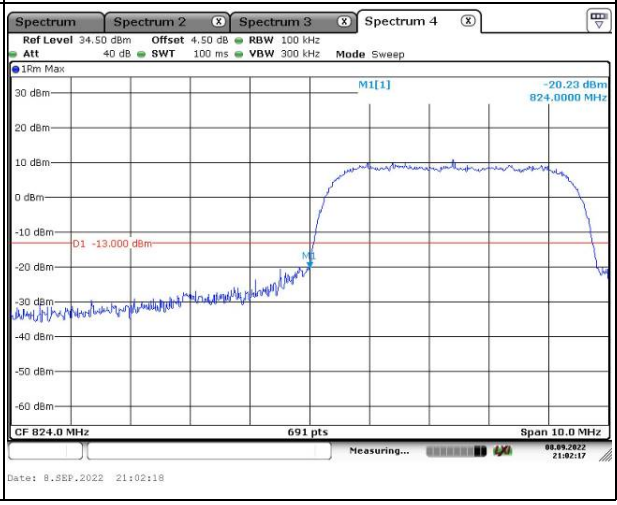
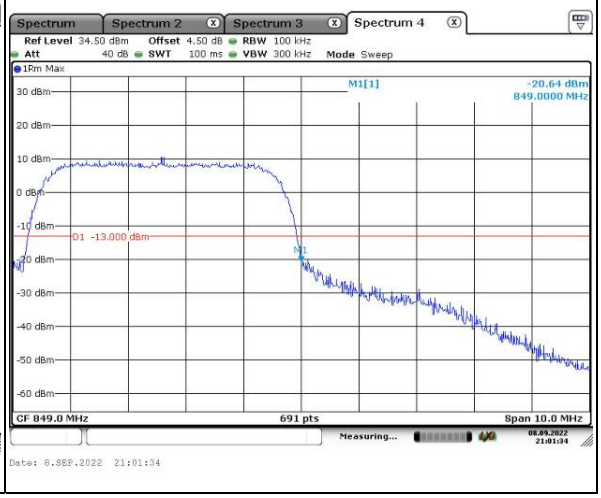
Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
R99		
HSUPA		
HSDPA		

4.6Antenna Port Test Data and Results for LTE Band 2

Serial Number:	CR22090005-RF-S1	Test Date:	2022-08-30~2022-08-31
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chan	Test Result:	**Pass**

Environmental Conditions:					
Temperature: (℃)	25.1~25.8	Relative Humidity: (%)	52~60	ATM Pressure: (kPa)	100.1~100.8

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022-07-15	2023-07-14
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100004	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
Unknown	Coaxial tee connector	Unknown	2204006	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN751	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022-07-15	2023-07-14
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022-04-06	2023-04-05
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
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).*

EUT Information@ LTE Band 2▲:					
Antenna Gain G_T (dBi):	1.2			Path Loss L_C (dB):	0.4
Operation Voltage(V_{DC}):					
Lowest:	3.3	Normal:	3.85	Highest:	4.4

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	23.42	23.42	23.41	24.46	33
	RB1#3	23.6	23.6	23.66		
	RB1#5	23.42	23.43	23.44		
	RB3#0	23.51	23.54	23.56		
	RB3#3	23.38	23.54	23.6		
	RB6#0	22.55	22.49	22.46		
1.4MHz 16QAM	RB1#0	22.44	22.55	22.44	23.57	33
	RB1#3	22.62	22.77	22.64		
	RB1#5	22.43	22.57	22.52		
	RB3#0	22.66	22.51	22.65		
	RB3#3	22.63	22.52	22.63		
	RB6#0	21.52	21.56	21.46		
3MHz QPSK	RB1#0	23.47	23.5	23.48	24.31	33
	RB1#8	23.44	23.49	23.5		
	RB1#14	23.42	23.5	23.51		
	RB6#0	22.5	22.55	22.44		
	RB6#9	22.46	22.45	22.37		
	RB15#0	22.47	22.52	22.55		
3MHz 16QAM	RB1#0	23.02	22.65	22.52	23.82	33
	RB1#8	22.99	22.65	22.55		
	RB1#14	22.95	22.63	22.53		
	RB6#0	21.54	21.51	21.41		
	RB6#9	21.5	21.56	21.46		
	RB15#0	21.53	21.49	21.62		
5MHz QPSK	RB1#0	23.33	23.42	23.31	24.34	33
	RB1#13	23.45	23.54	23.47		
	RB1#24	23.36	23.47	23.39		

	RB15#0	22.49	22.55	22.53		
	RB15#10	22.48	22.5	22.49		
	RB25#0	22.45	22.52	22.46		
5MHz 16QAM	RB1#0	22.26	22.75	22.41	23.67	33
	RB1#13	22.39	22.87	22.59		
	RB1#24	22.27	22.72	22.46		
	RB15#0	21.54	21.53	21.57		
	RB15#10	21.5	21.49	21.55		
	RB25#0	21.51	21.56	21.52		
10MHz QPSK	RB1#0	23.43	23.46	23.47	24.46	33
	RB1#25	23.53	23.66	23.62		
	RB1#49	23.46	23.48	23.53		
	RB25#0	22.48	22.55	22.51		
	RB25#25	22.51	22.56	22.47		
	RB50#0	22.47	22.54	22.49		
10MHz 16QAM	RB1#0	22.97	22.63	22.43	23.84	33
	RB1#25	23.04	22.81	22.54		
	RB1#49	22.99	22.67	22.53		
	RB25#0	21.52	21.57	21.62		
	RB25#25	21.56	21.59	21.62		
	RB50#0	21.51	21.56	21.54		
15MHz QPSK	RB1#0	23.4	23.4	23.4	24.32	33
	RB1#38	23.52	23.51	23.48		
	RB1#74	23.49	23.42	23.5		
	RB36#0	22.52	22.54	22.56		
	RB36#39	22.58	22.56	22.52		
	RB75#0	22.56	22.56	22.55		
15MHz 16QAM	RB1#0	22.8	22.96	22.54	23.87	33
	RB1#38	22.89	23.07	22.62		
	RB1#74	22.84	22.99	22.67		
	RB36#0	21.49	21.51	21.54		
	RB36#39	21.5	21.58	21.52		
	RB75#0	21.47	21.54	21.51		
20MHz QPSK	RB1#0	23.3	23.28	23.27	24.51	33
	RB1#50	23.71	23.64	23.6		
	RB1#99	23.39	23.31	23.33		
	RB50#0	22.48	22.51	22.5		
	RB50#50	22.56	22.52	22.39		
	RB100#0	22.52	22.59	22.48		
20MHz 16QAM	RB1#0	22.51	22.84	22.59	23.99	33
	RB1#50	22.84	23.19	22.89		
	RB1#99	22.55	22.85	22.69		
	RB50#0	21.46	21.55	21.53		
	RB50#50	21.55	21.52	21.42		
	RB100#0	21.52	21.57	21.5		
Note: EIRP=Conducted Power(dBm) - L_C(dB) + G_T(dBi)						
					Result:	**Pass**

Peak-to-average Ratio(PAR)					
Test Bandwidth & Modulation	Resource Block & RB offset	Peak-to-average Ratio(dB)			Limit (dB)
		Lowest Channel	Middle Channel	Highest Channel	
20MHz QPSK	RB1#0	4.49	4.52	4.84	13
	RB100#0	5.42	4.99	5.13	13
20MHz 16QAM	RB1#0	5.62	5.59	5.62	13
	RB100#0	6.2	6	6.12	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	1.102	1.102	1.302	1.32	1.326
1.4MHz 16QAM	1.096	1.102	1.096	1.296	1.332	1.296
3MHz QPSK	2.683	2.683	2.695	2.904	2.88	2.88
3MHz 16QAM	2.683	2.683	2.683	2.88	2.928	2.892
5MHz QPSK	4.511	4.511	4.491	4.94	4.98	4.94
5MHz 16QAM	4.491	4.531	4.511	4.92	4.96	4.96
10MHz QPSK	8.942	8.942	8.942	9.72	9.6	9.64
10MHz 16QAM	8.942	8.982	8.942	9.56	9.68	9.64
15MHz QPSK	13.473	13.473	13.473	14.82	14.82	14.76
15MHz 16QAM	13.473	13.533	13.533	14.76	14.76	14.76
20MHz QPSK	17.964	17.964	17.964	19.52	19.28	19.28
20MHz 16QAM	17.964	17.964	17.884	19.44	19.36	19.36
Note: The test plots please refer to the Plots of Occupied Bandwidth						

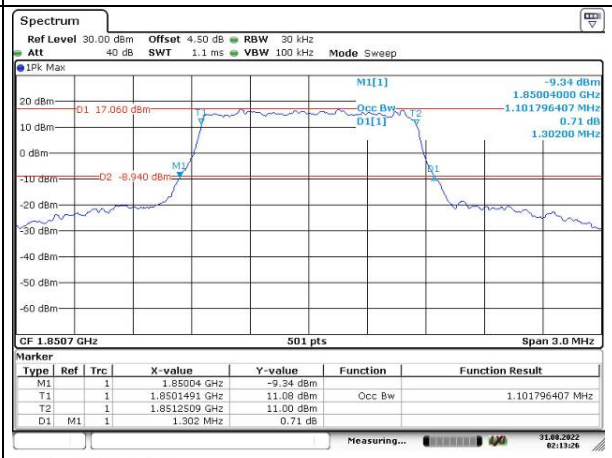
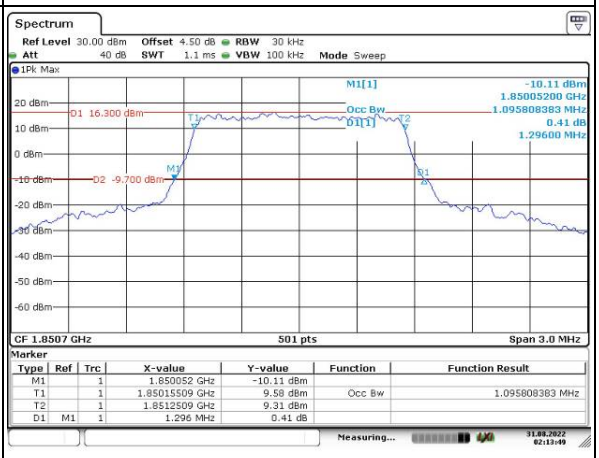
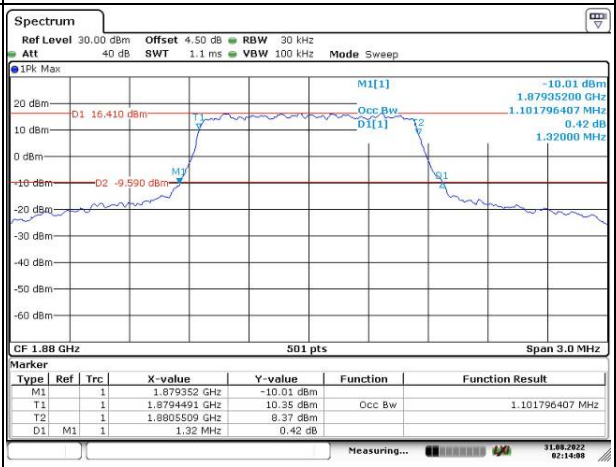
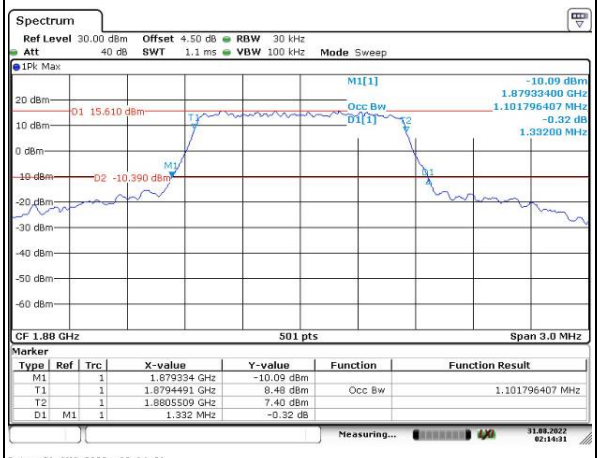
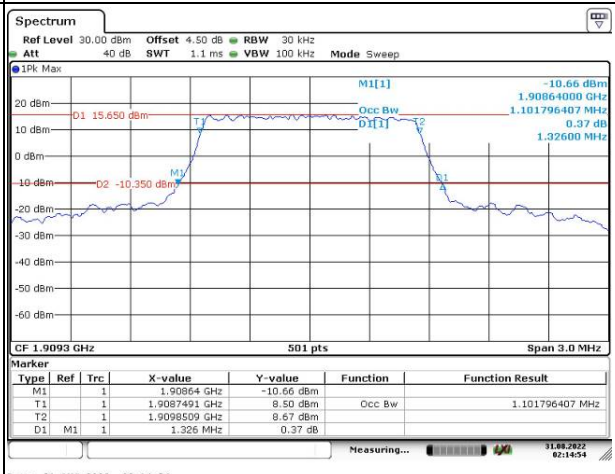
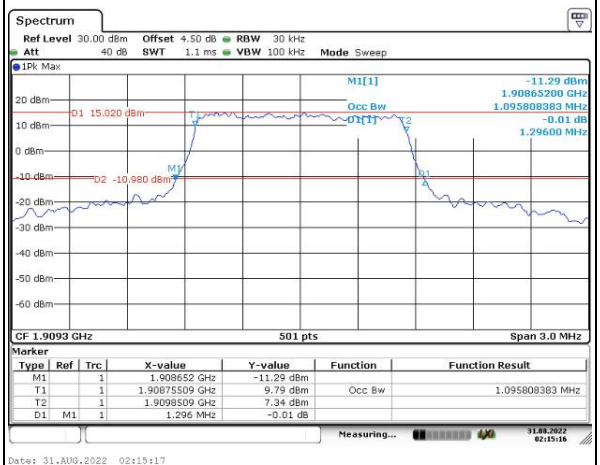
FCC §2.1051, § 24.238 (a):Spurious Emissions at Antenna Terminal	
Result:	**Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.**

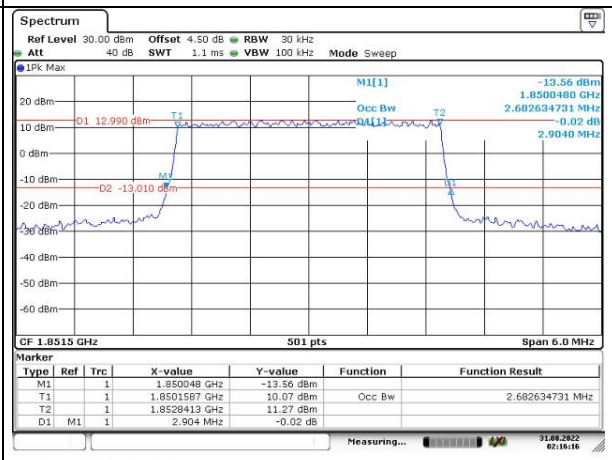
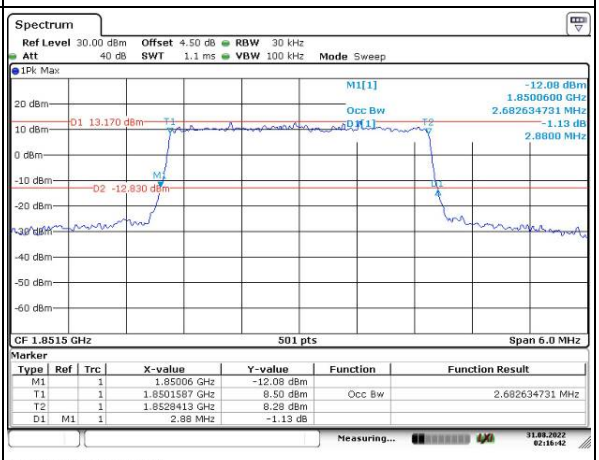
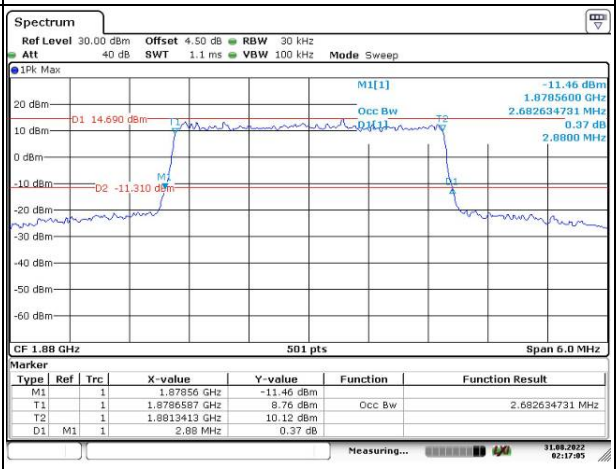
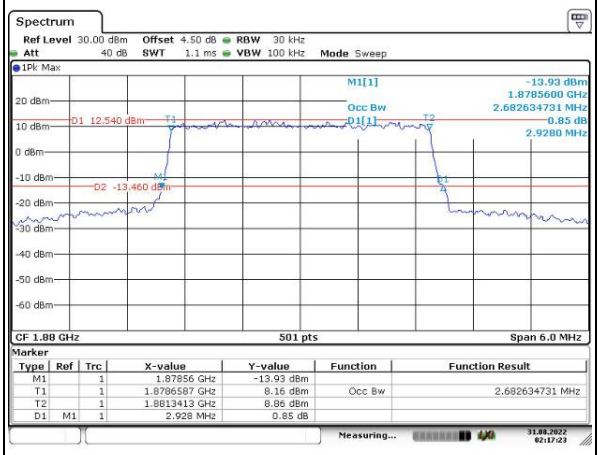
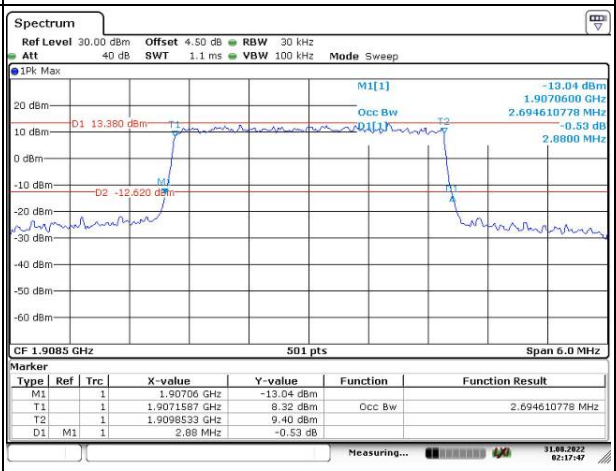
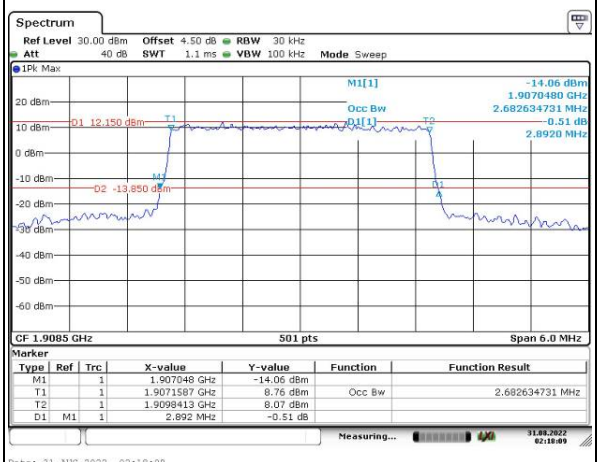
FCC §2.1051, § 24.238 (a):Out of band emission, Band Edge	
Result:	**Pass, Please refer to the test plots of Out of band emission, Band Edge.**

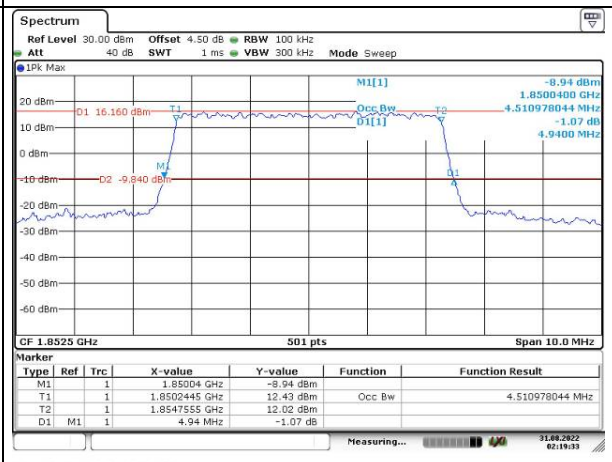
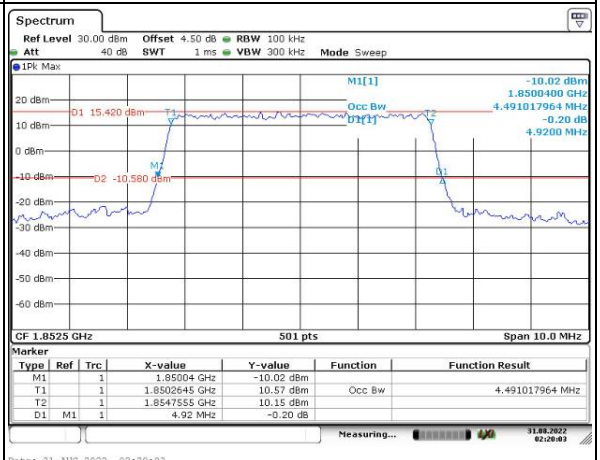
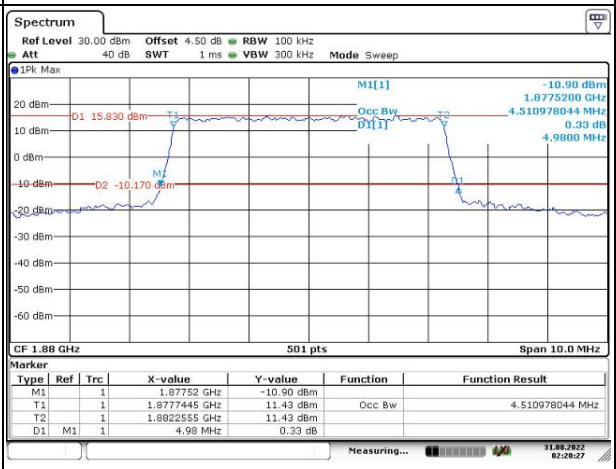
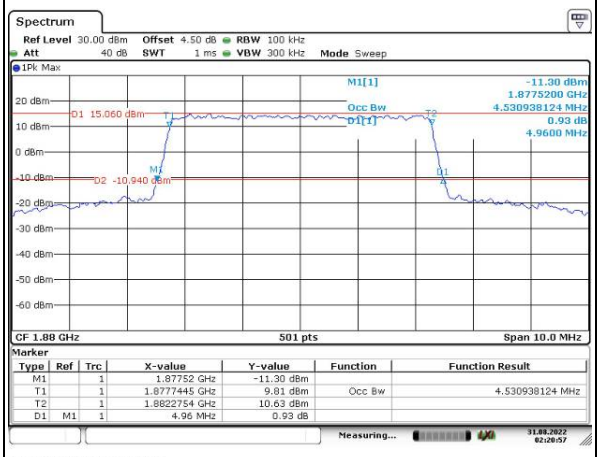
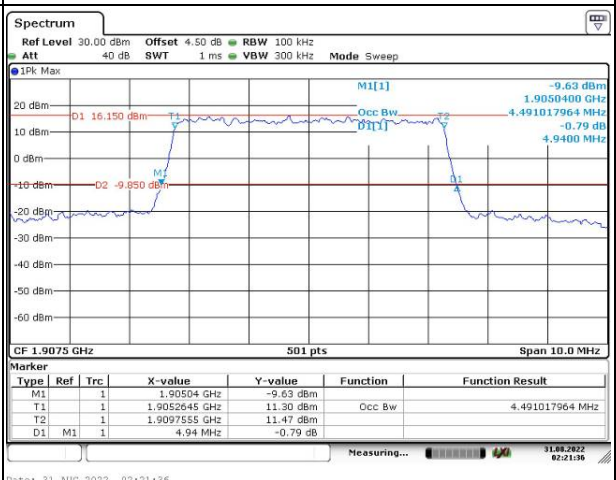
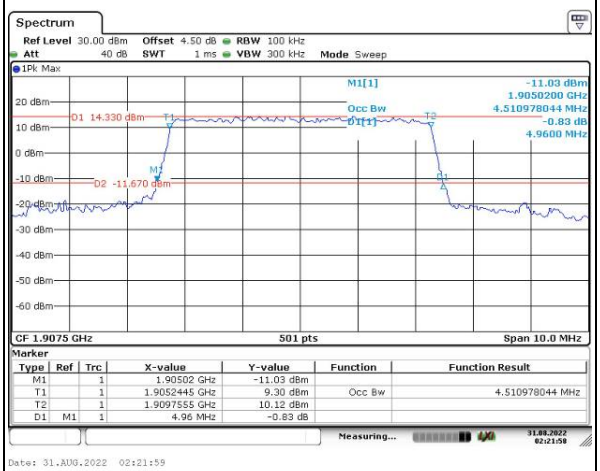
FCC §2.1055, §24.235: Frequency Stability					
Test Mode:	20 MHz QPSK		Test Channel:	1880	MHz
Test Item	Temperature (℃)	Voltage (V_{DC})	Frequency Error		Result
			(Hz)	(ppm)	
Frequency Stability vs. Temperature	-30	3.85	-10.06	-0.005	Pass
	-20	3.85	-9.97	-0.005	Pass
	-10	3.85	-6.13	-0.003	Pass
	0	3.85	6.17	0.003	Pass
	10	3.85	7.92	0.004	Pass
	20	3.85	6.46	0.003	Pass
	30	3.85	-6.52	-0.003	Pass
	40	3.85	7.18	0.004	Pass
	50	3.85	-9.7	-0.005	Pass
Frequency Stability vs. Voltage	20	3.3	-8.17	-0.004	Pass
	20	4.4	-7.05	-0.004	Pass
				Result:	**Pass**

Test Mode:	20 MHz 16QAM		Test Channel:	1880	MHz
Test Item	Temperature (℃)	Voltage (V_{DC})	Frequency Error		Result
			(Hz)	(ppm)	
Frequency Stability vs. Temperature	-30	3.85	-4.73	-0.003	Pass
	-20	3.85	-6.68	-0.004	Pass
	-10	3.85	9.77	0.005	Pass
	0	3.85	-7.62	-0.004	Pass
	10	3.85	-9.91	-0.005	Pass
	20	3.85	-9.82	-0.005	Pass
	30	3.85	-6.68	-0.004	Pass
	40	3.85	-8.86	-0.005	Pass
	50	3.85	5.67	0.003	Pass
Frequency Stability vs. Voltage	20	3.3	6.05	0.003	Pass
	20	4.4	7.52	0.004	Pass
				Result:	**Pass**

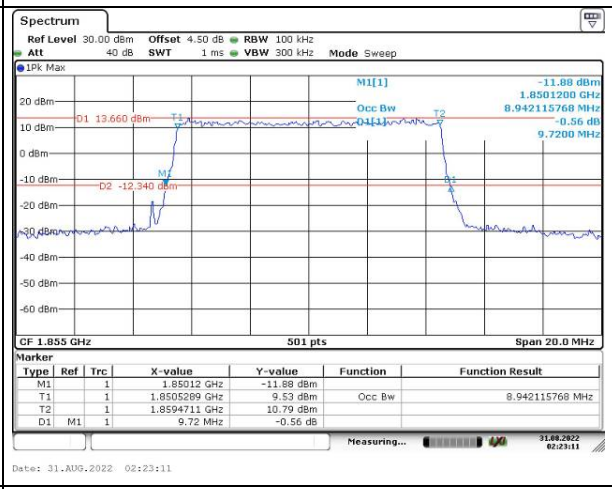
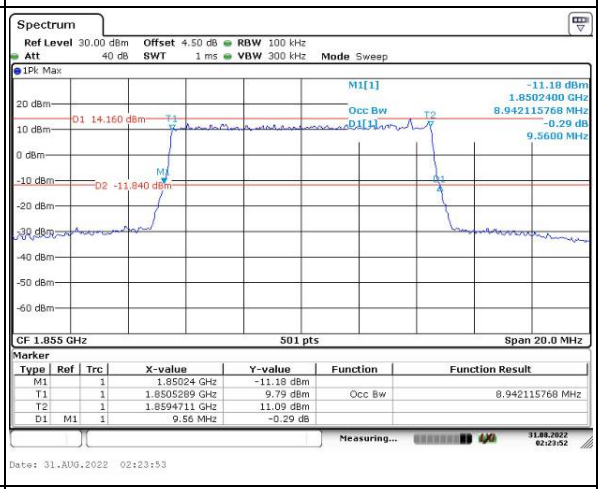
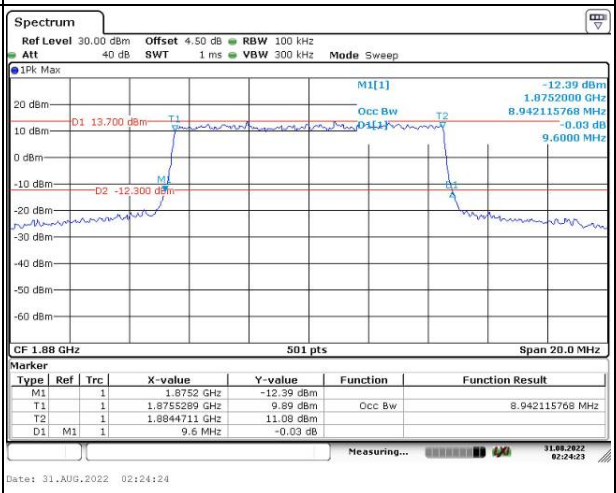
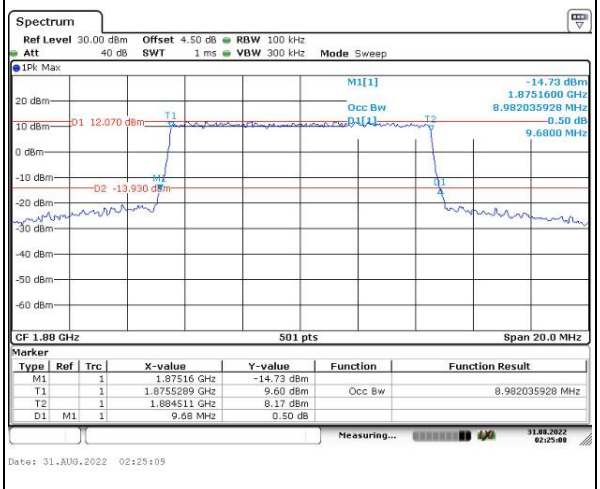
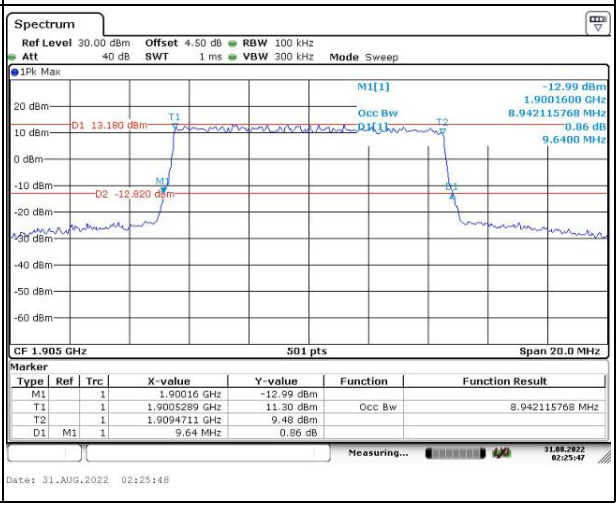
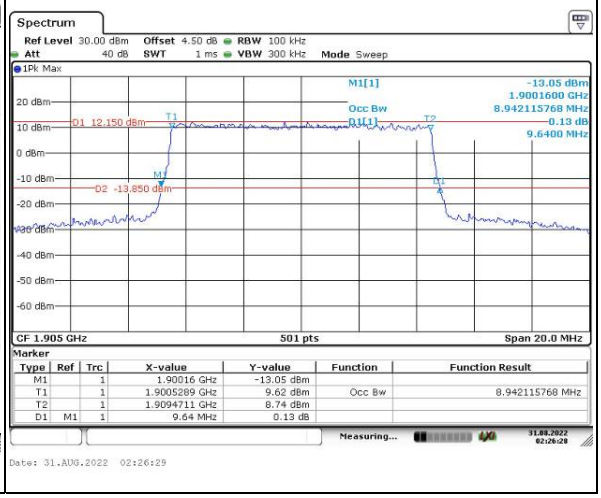
Test Plots:

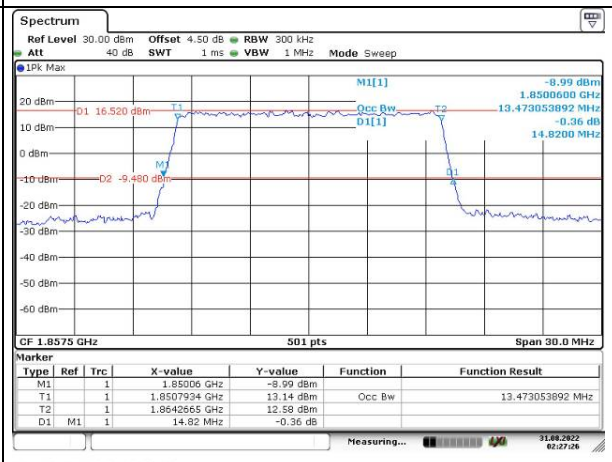
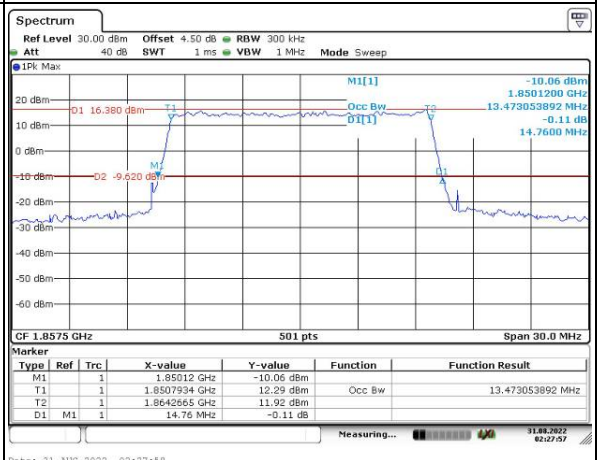
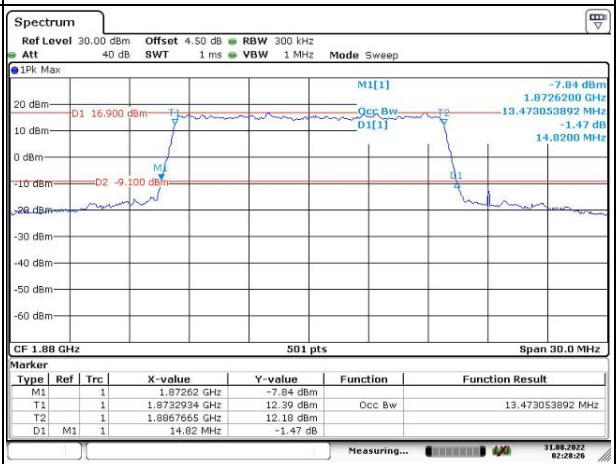
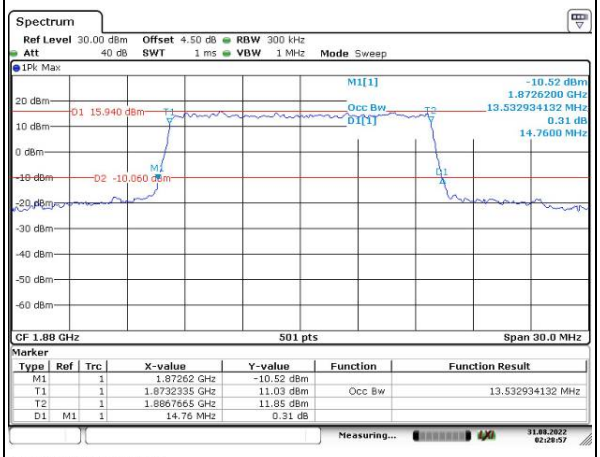
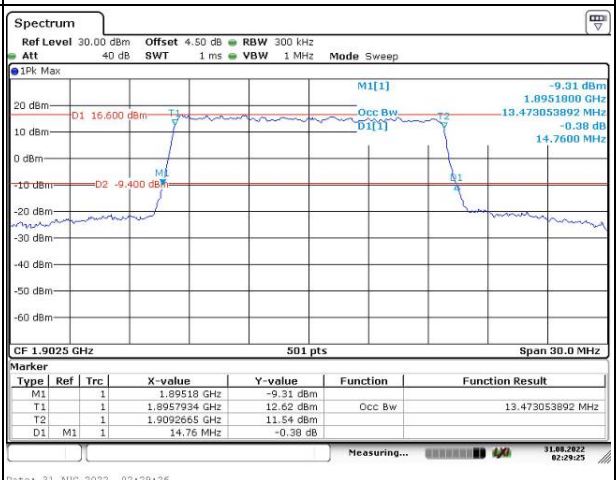
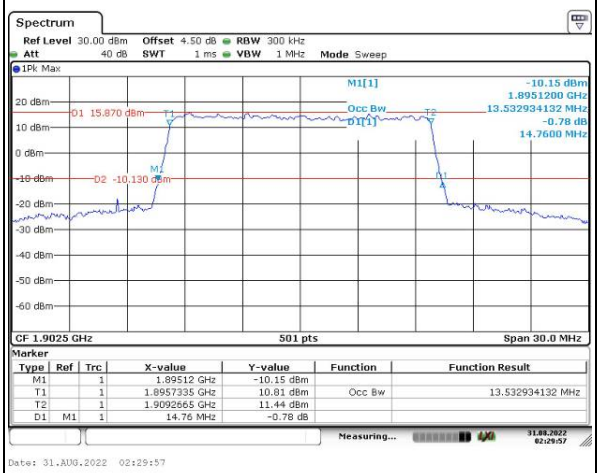
Occupied Bandwidth		
Channel	1.4MHz Bandwidth QPSK	1.4MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

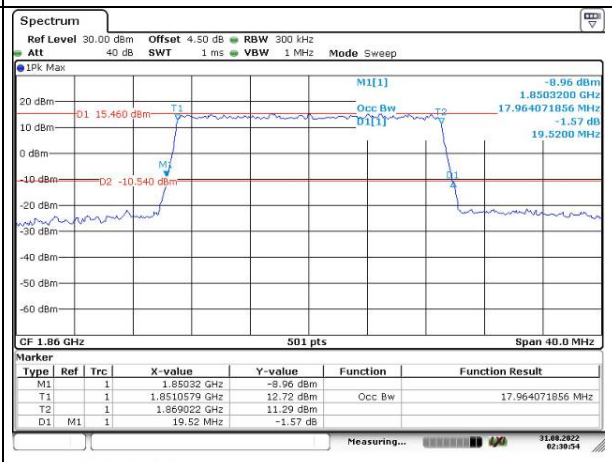
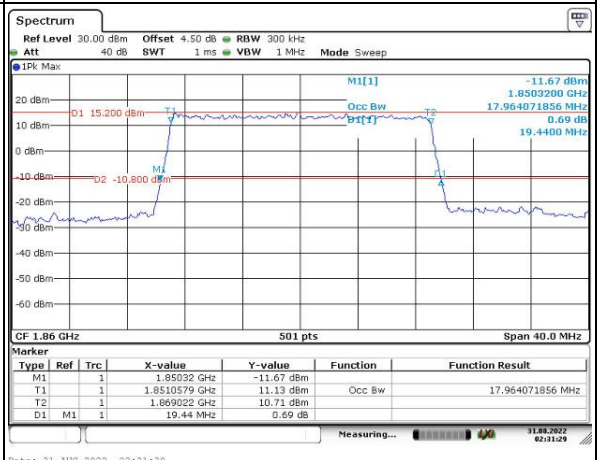
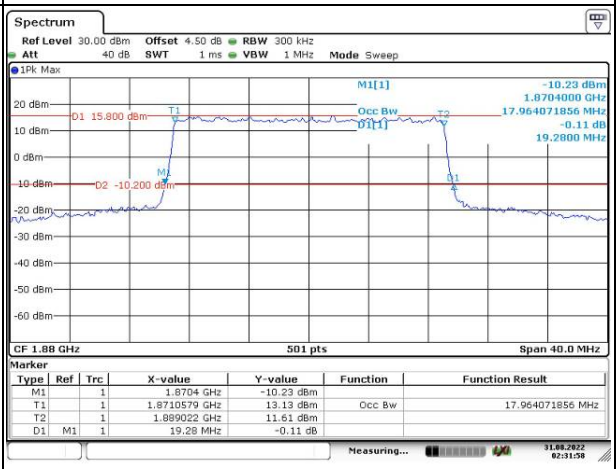
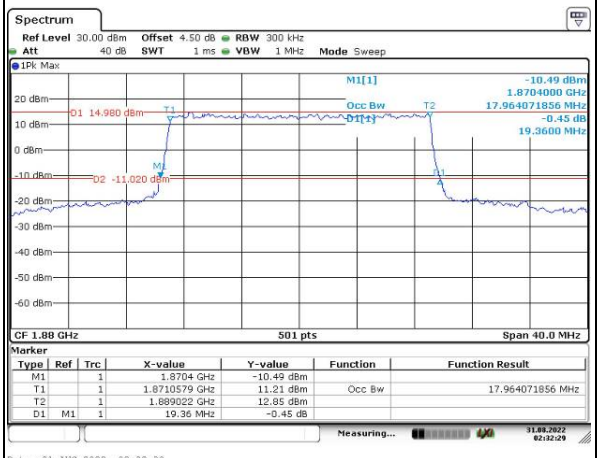
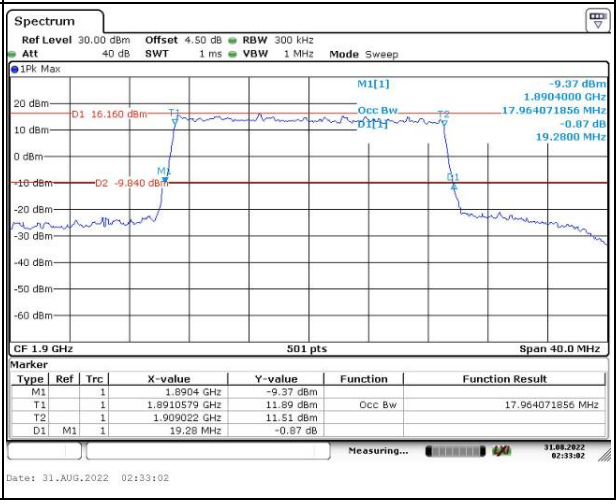
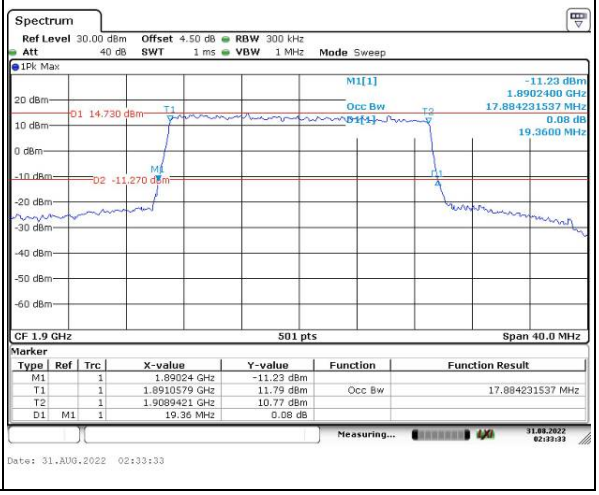
Occupied Bandwidth		
Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

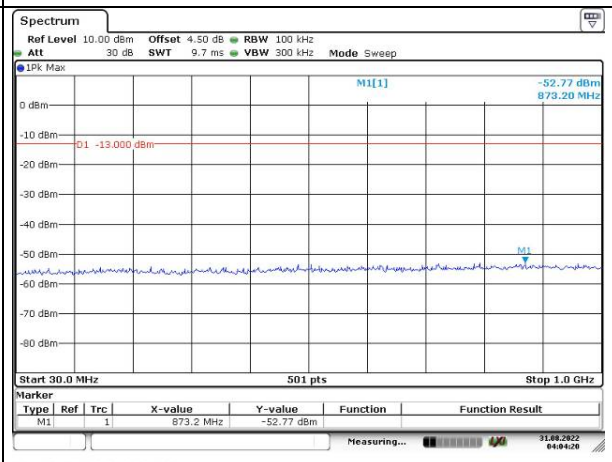
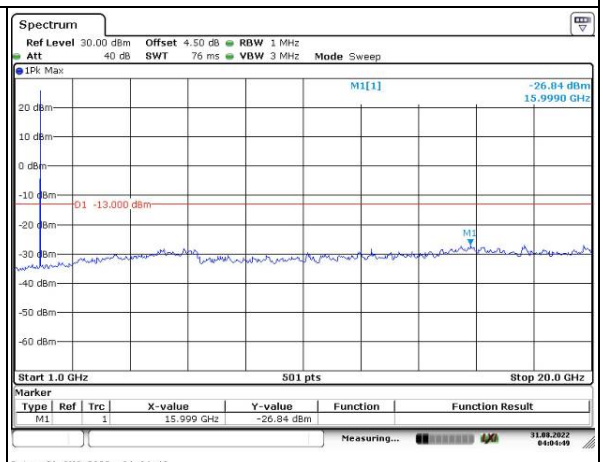
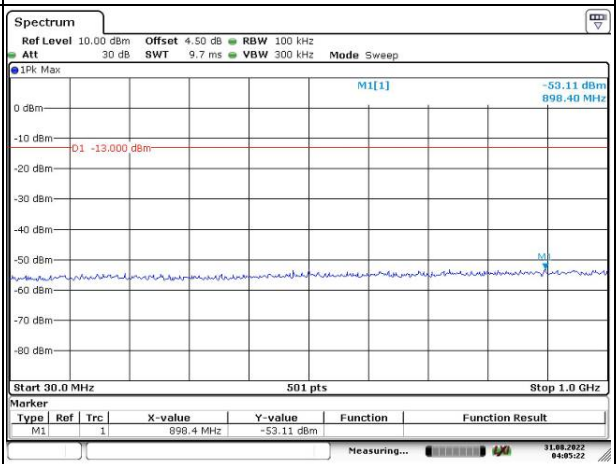
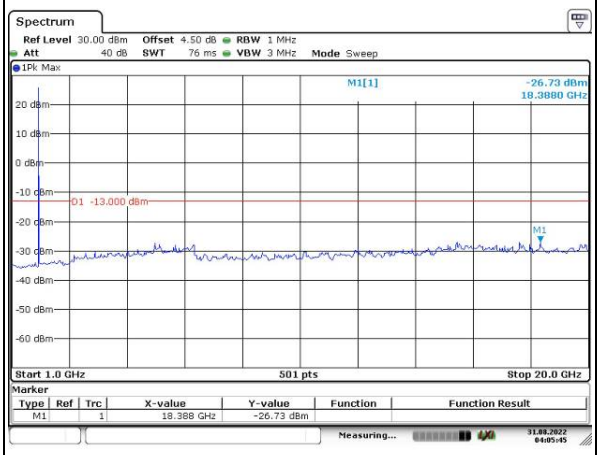
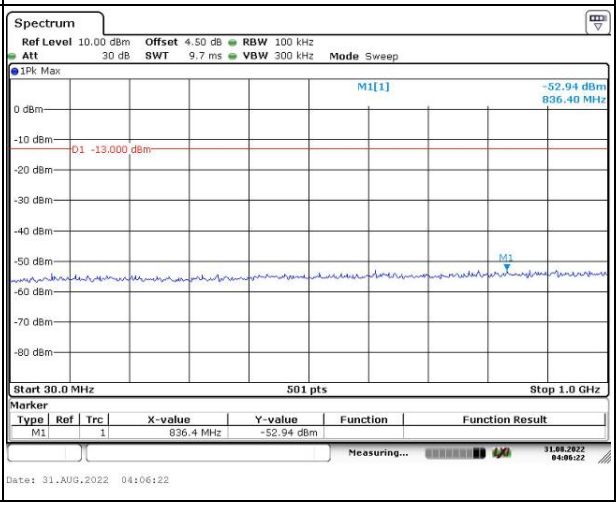
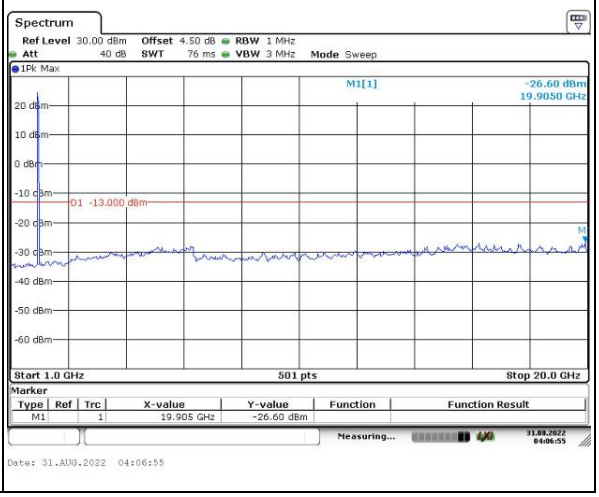
Occupied Bandwidth		
Channel	5MHz Bandwidth QPSK	5MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

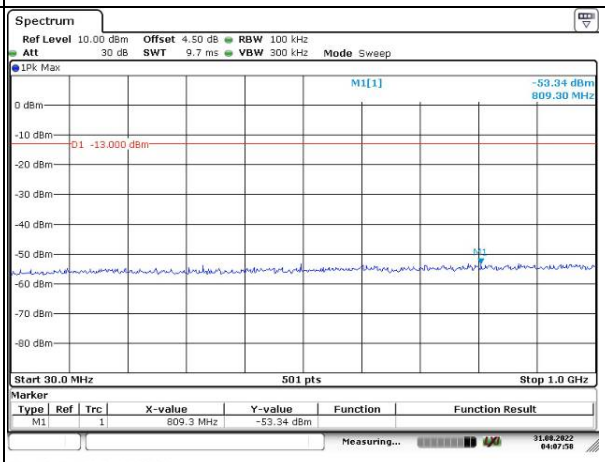
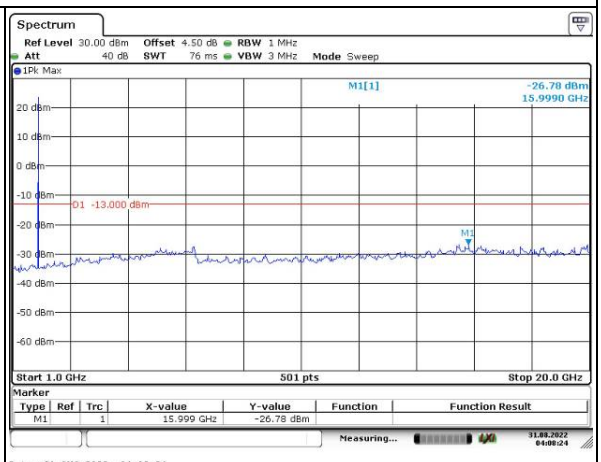
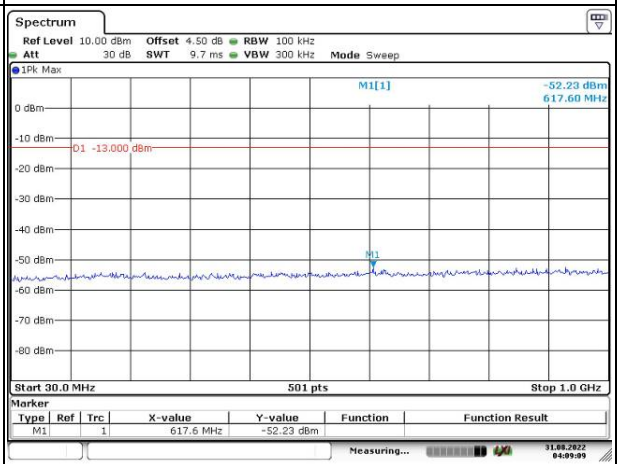
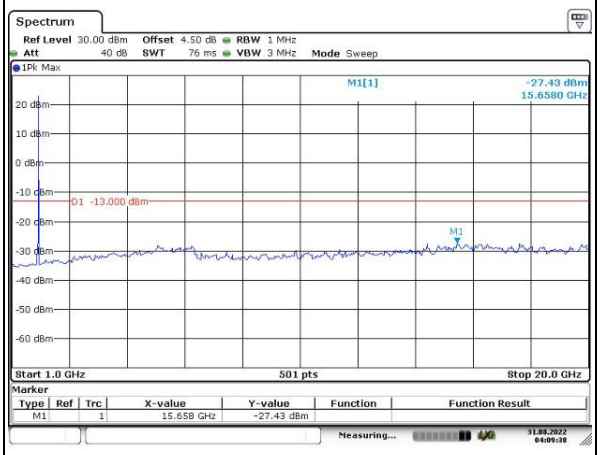
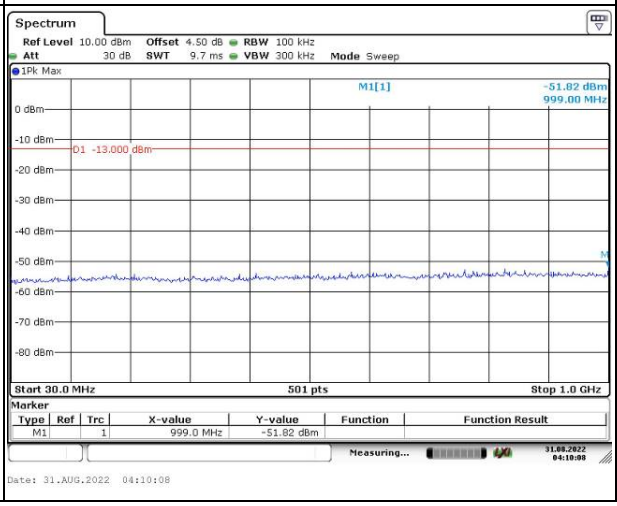
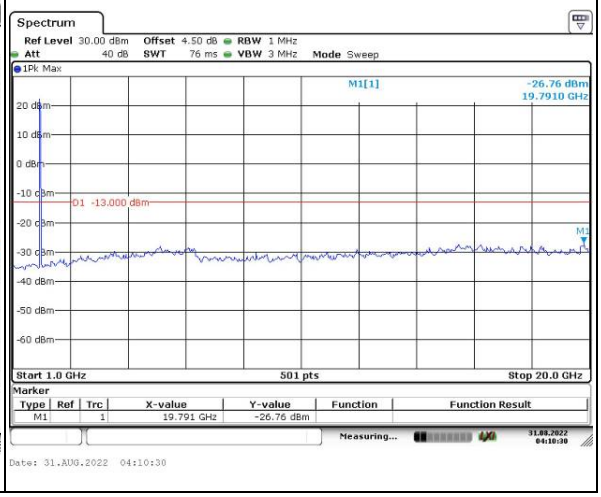
Occupied Bandwidth

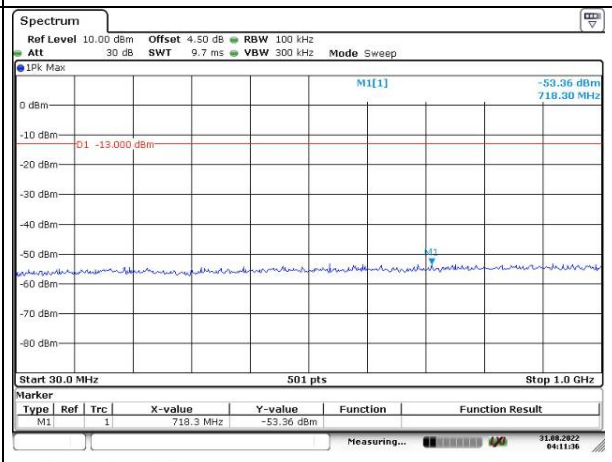
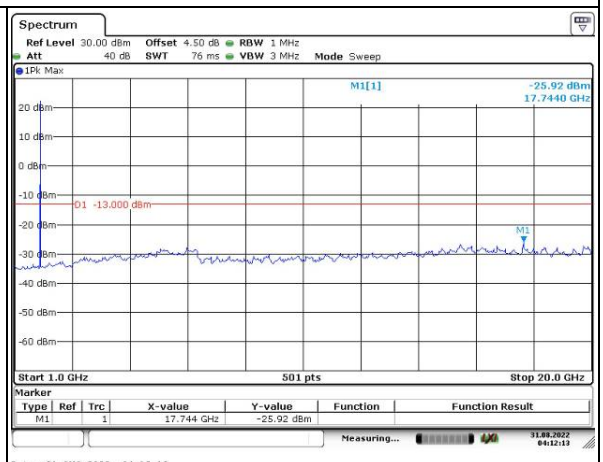
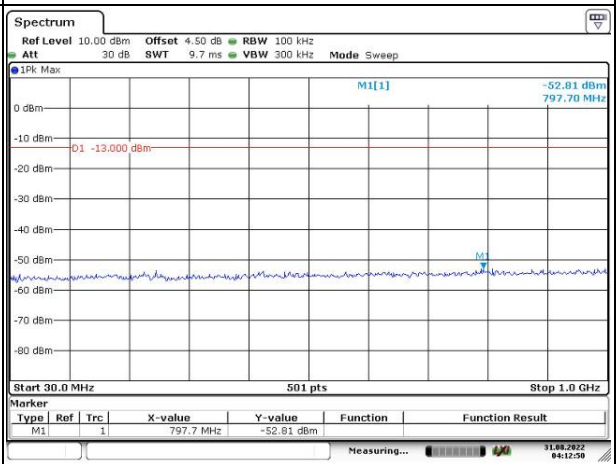
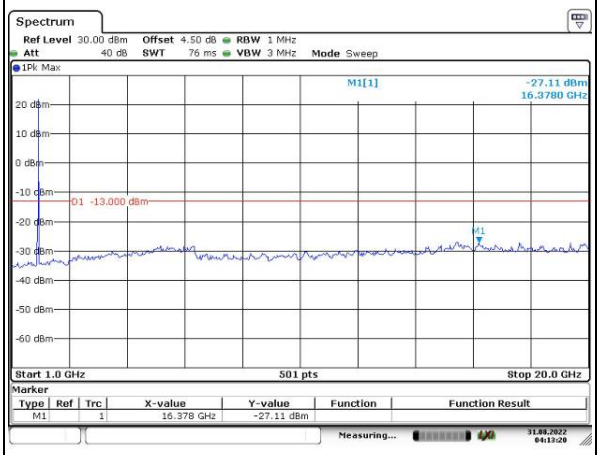
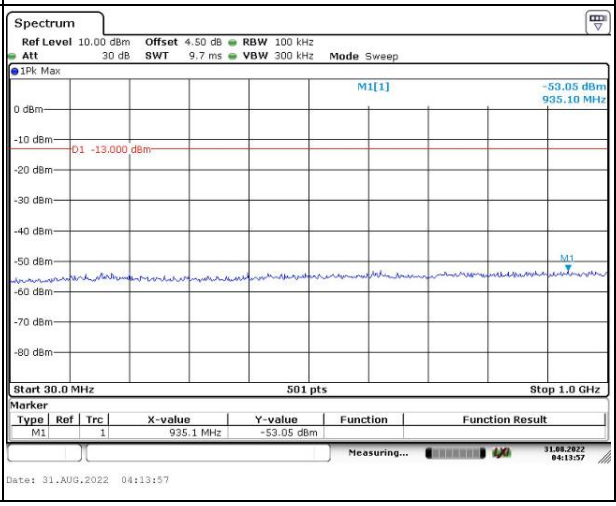
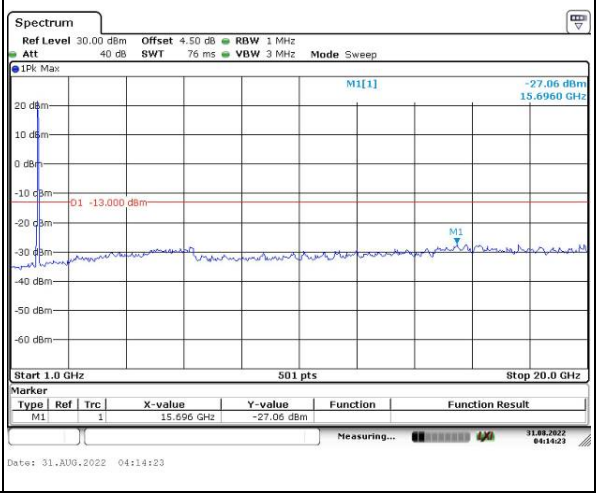
Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

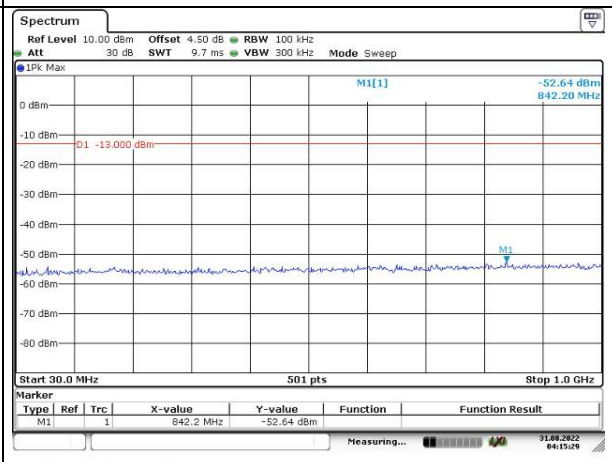
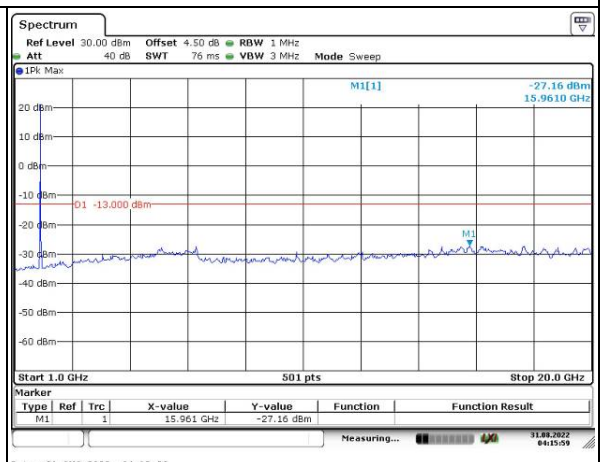
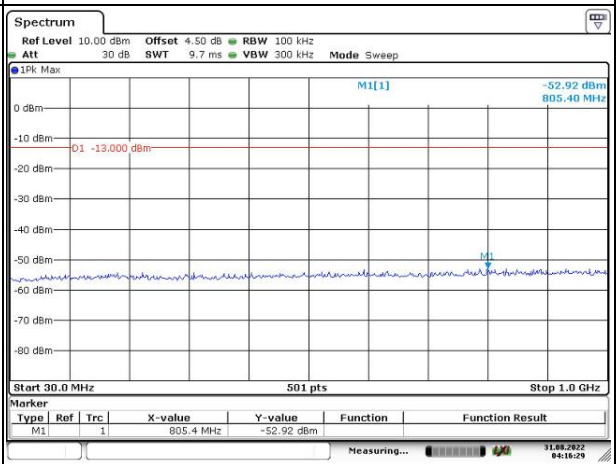
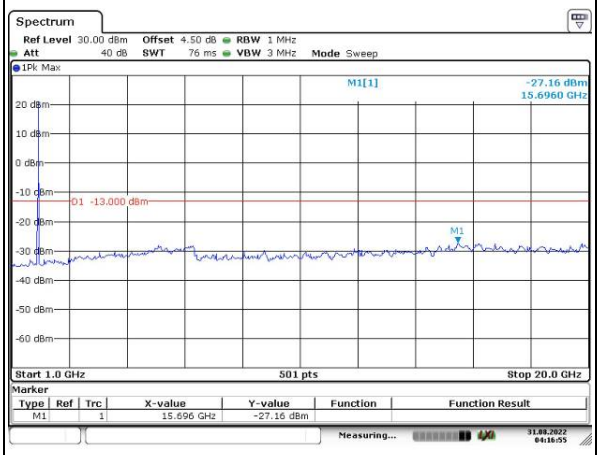
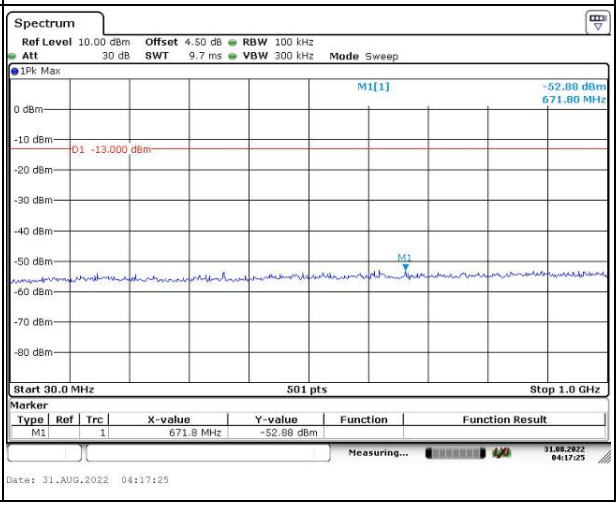
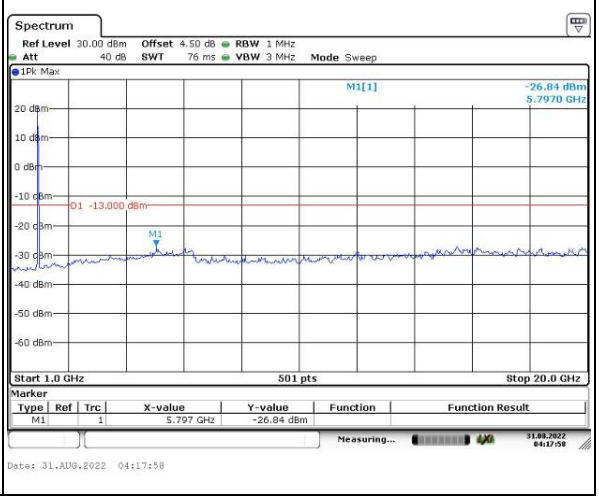
Occupied Bandwidth		
Channel	15MHz Bandwidth QPSK	15MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

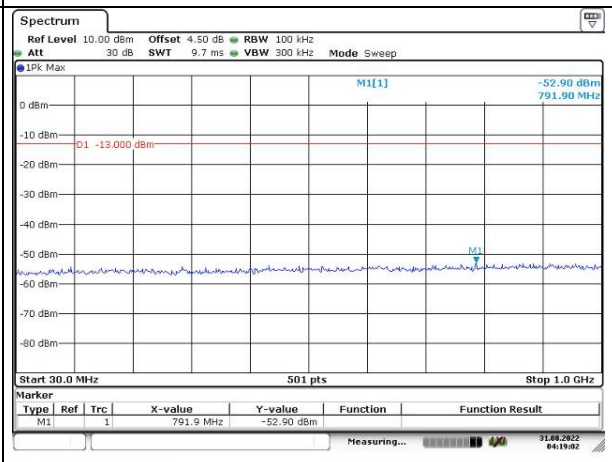
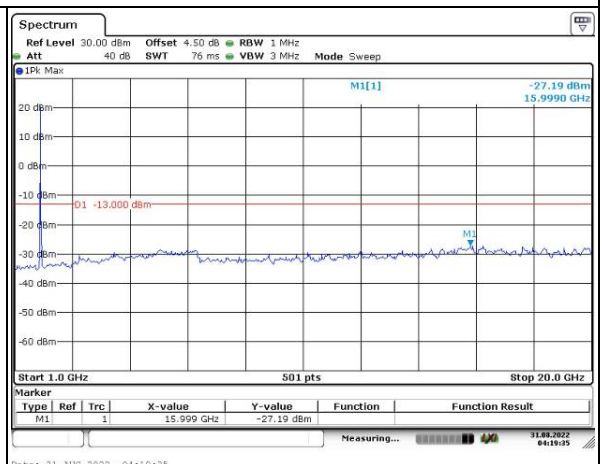
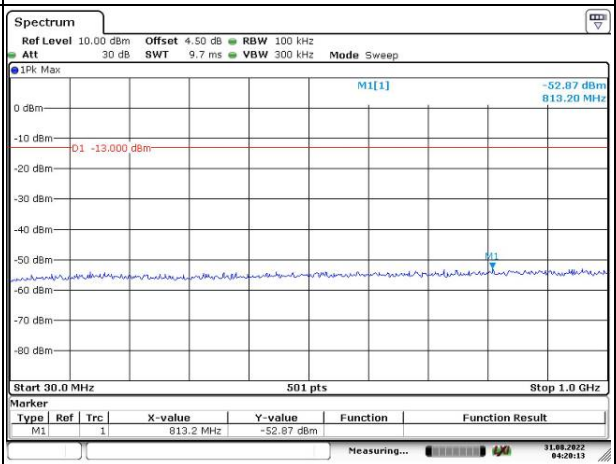
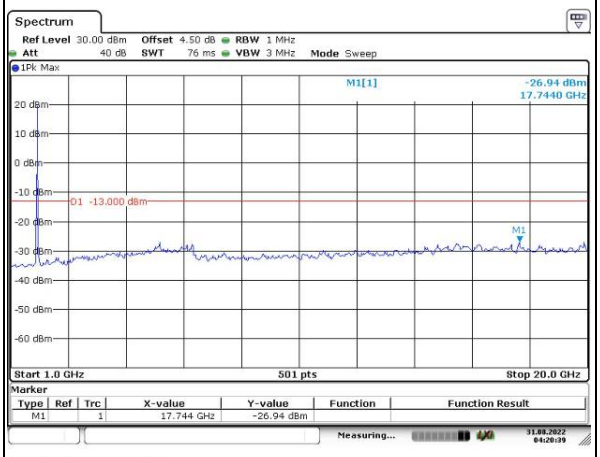
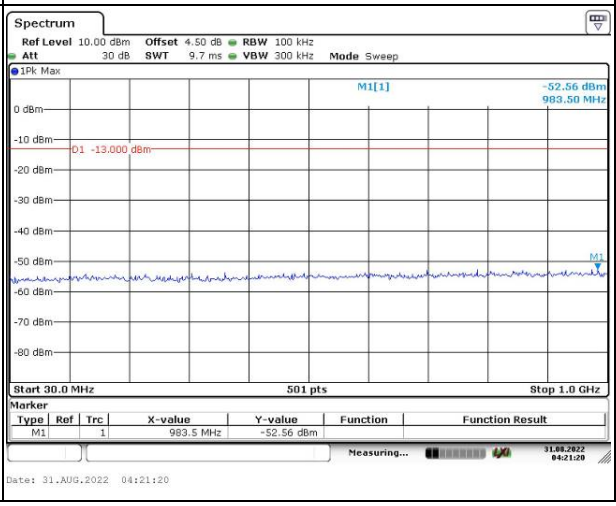
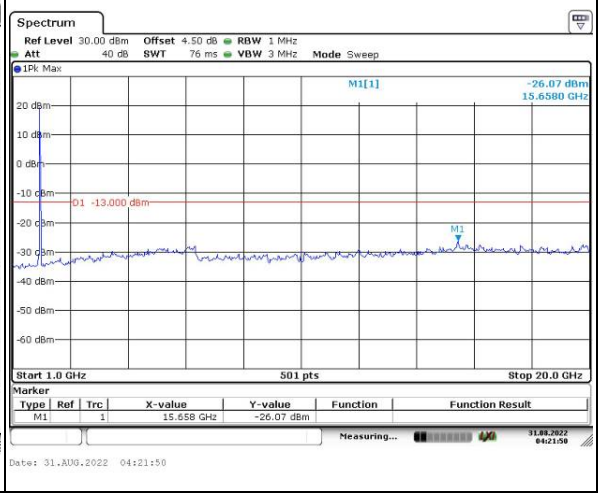
Occupied Bandwidth		
Channel	20MHz Bandwidth QPSK	20MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

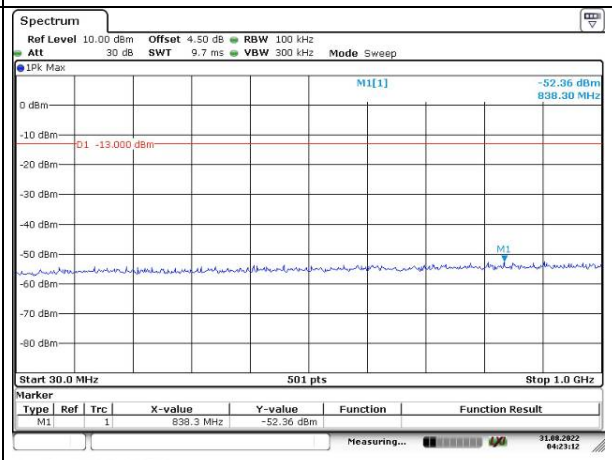
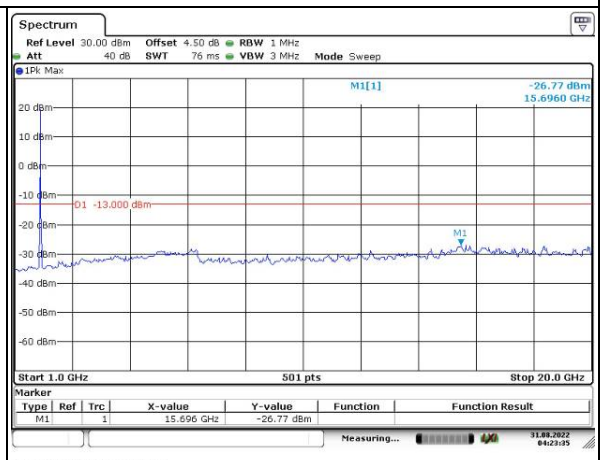
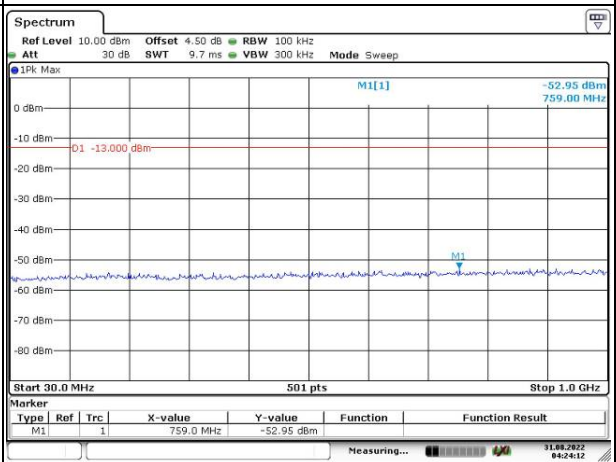
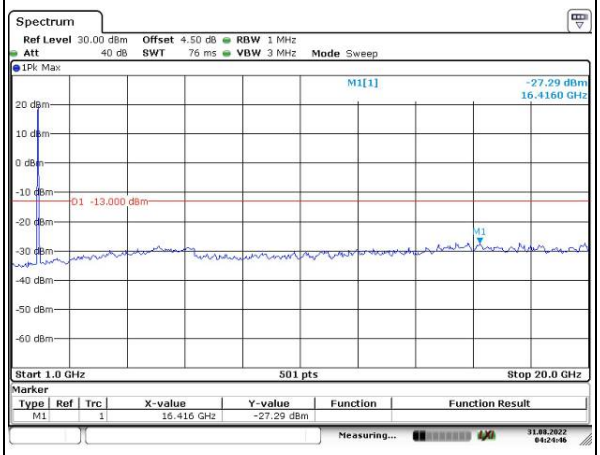
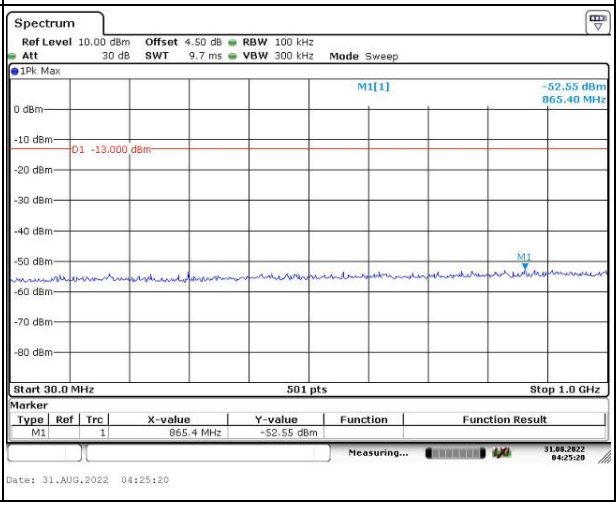
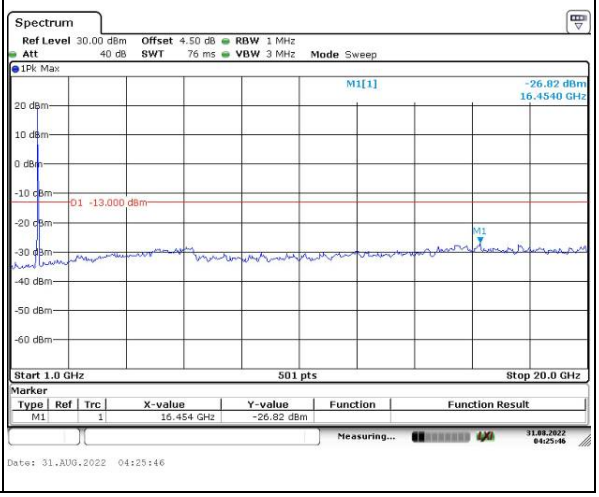
Spurious Emissions at Antenna Terminal		
Channel	**1.4MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

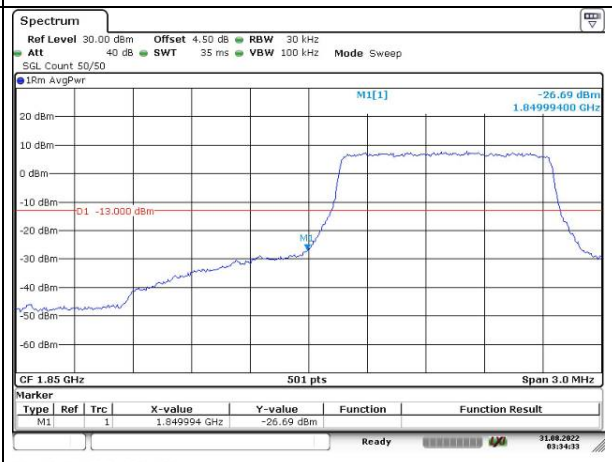
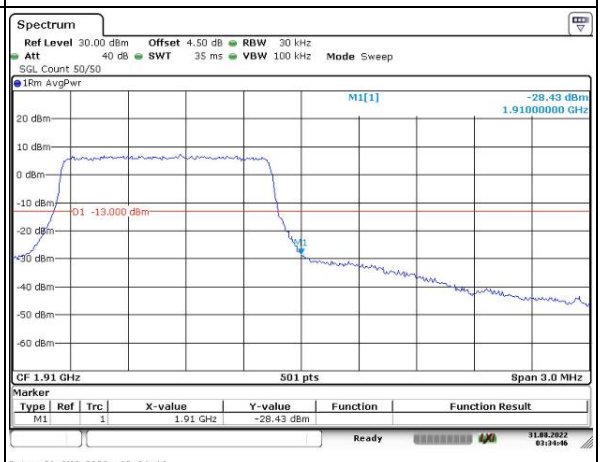
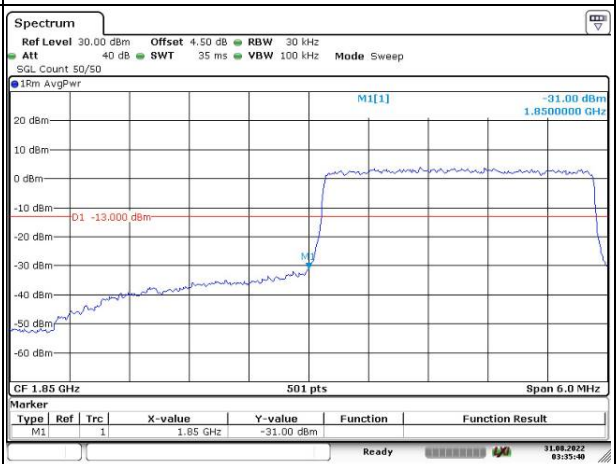
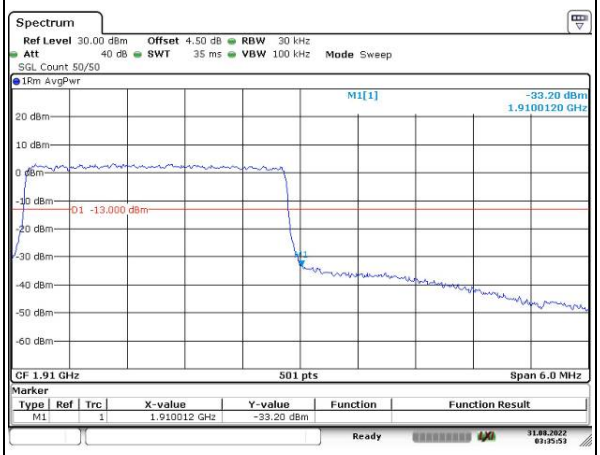
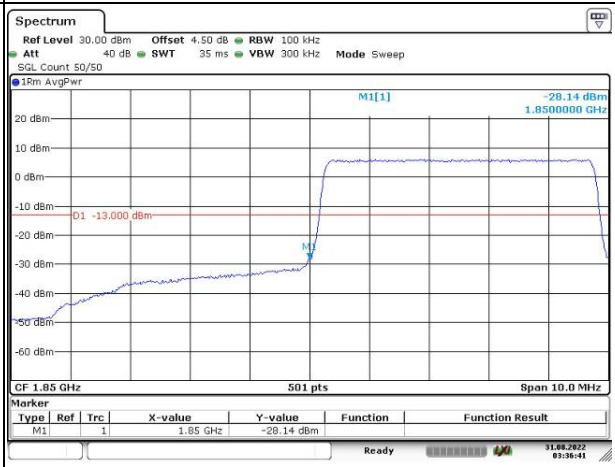
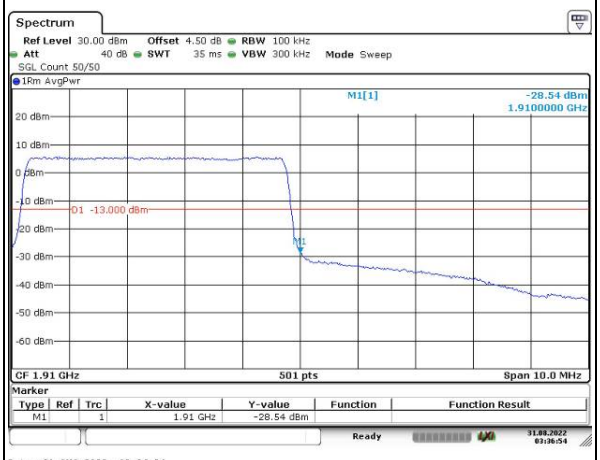
Spurious Emissions at Antenna Terminal		
Channel	**3MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

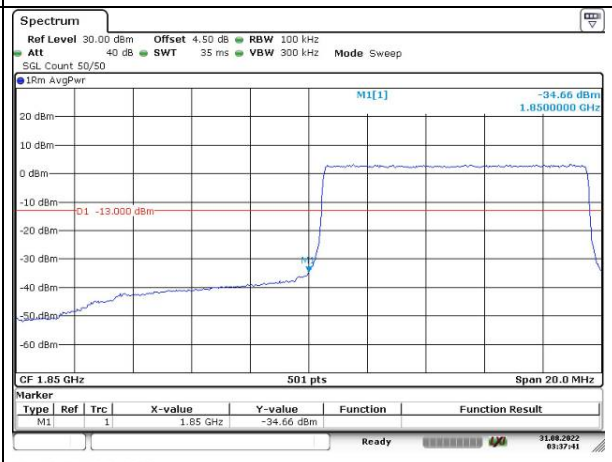
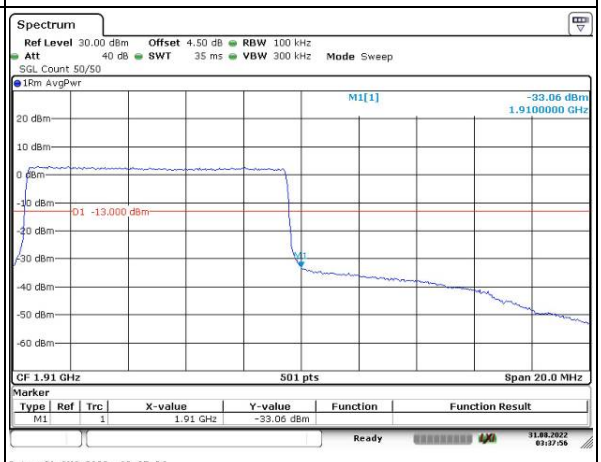
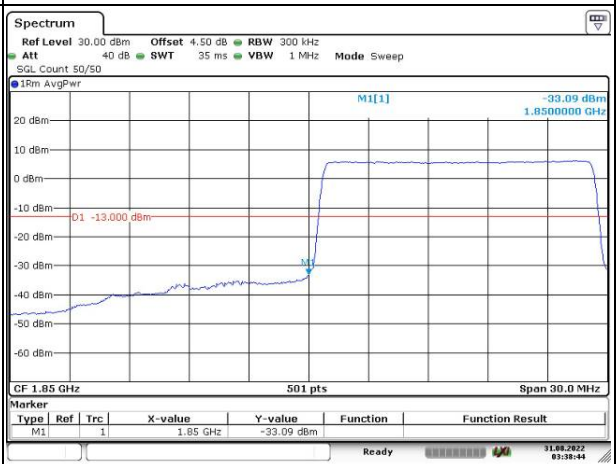
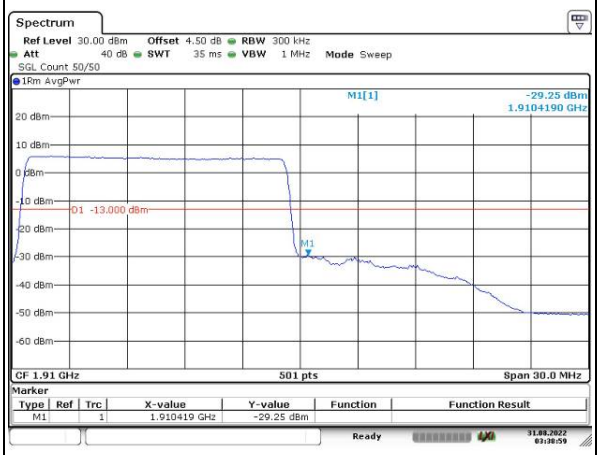
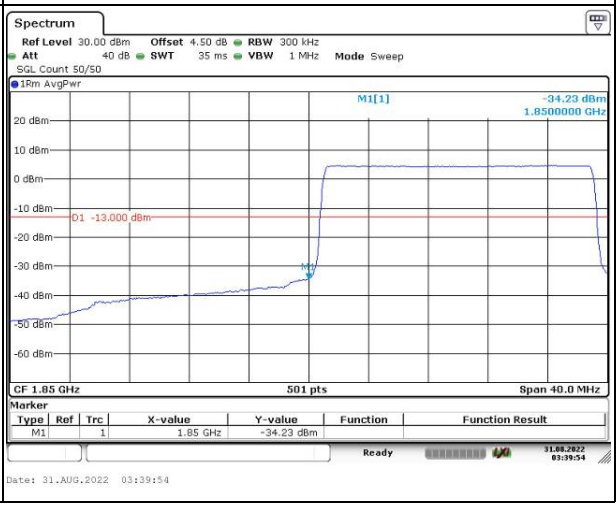
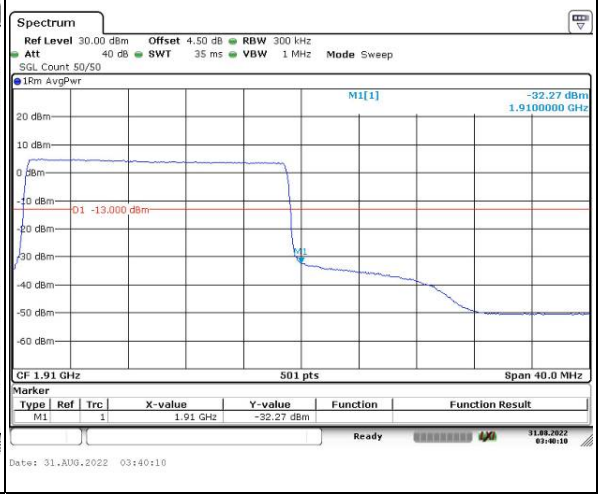
Spurious Emissions at Antenna Terminal		
Channel	**5MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

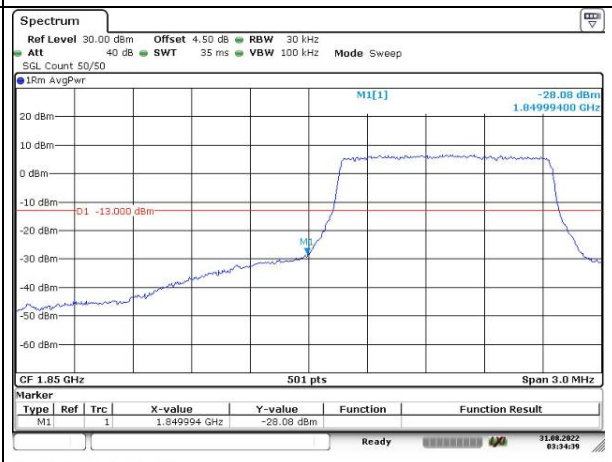
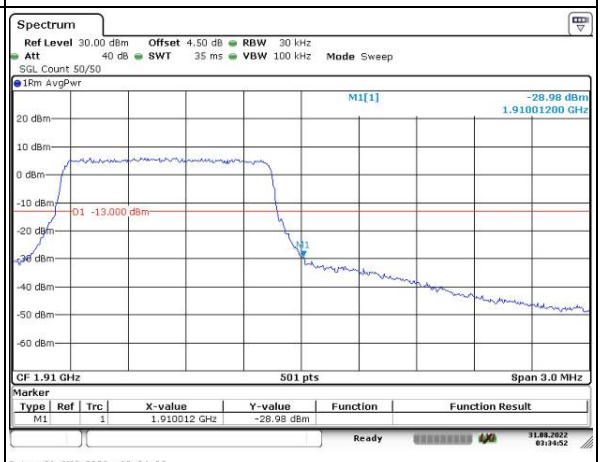
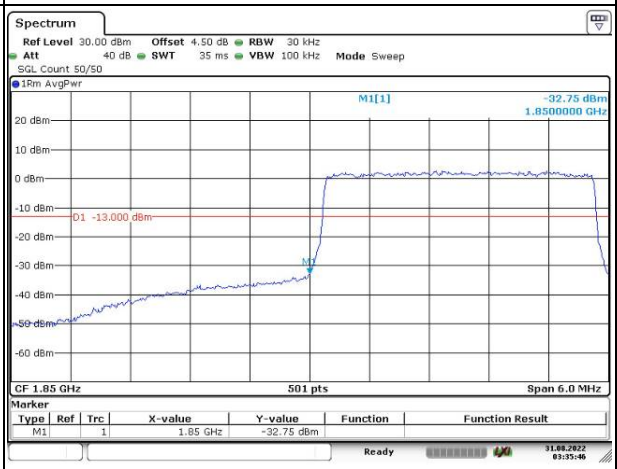
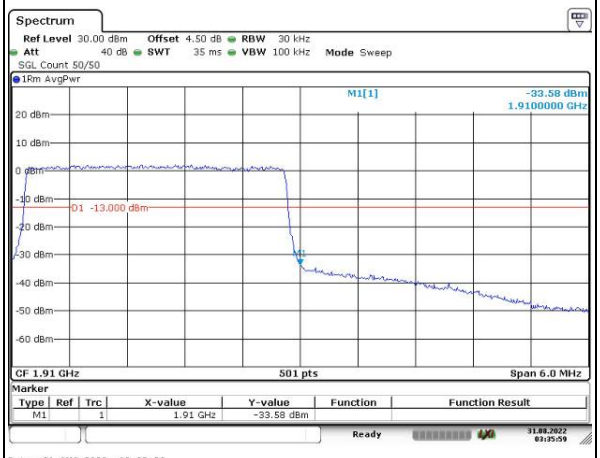
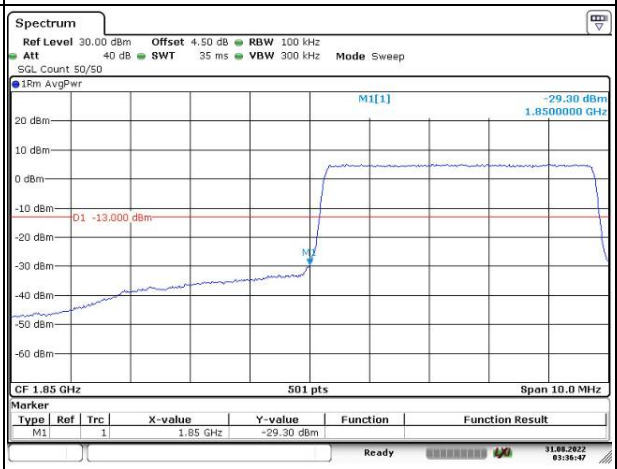
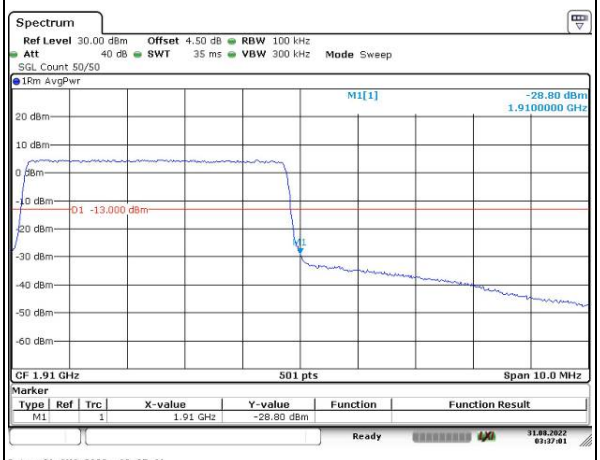
Spurious Emissions at Antenna Terminal		
Channel	**10MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

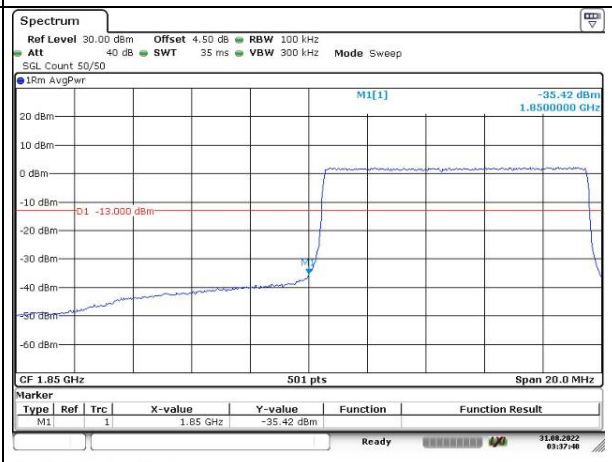
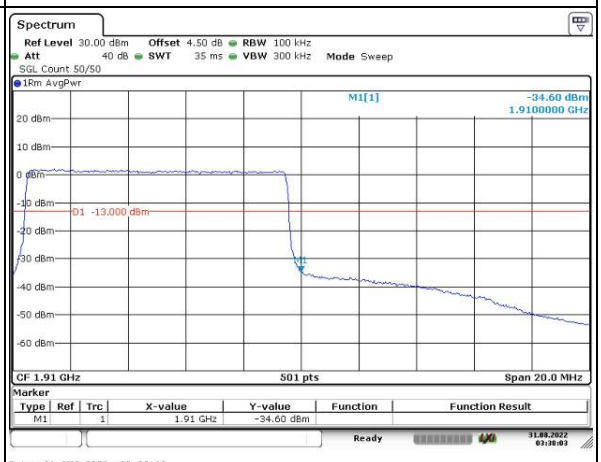
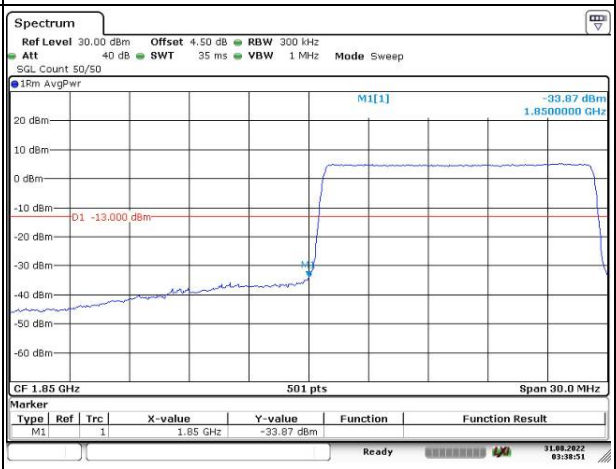
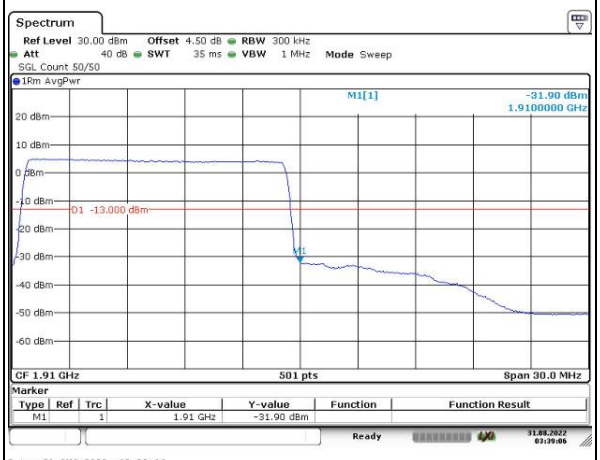
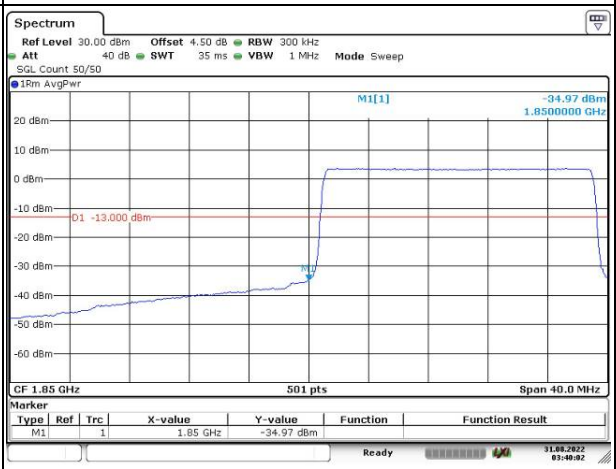
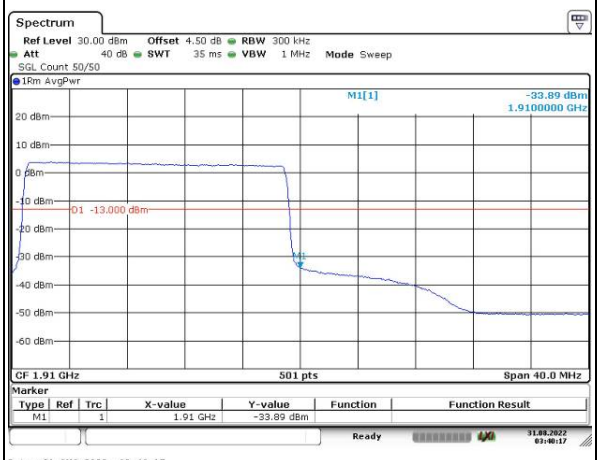
Spurious Emissions at Antenna Terminal		
Channel	**15MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

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		
QPSK 15MHz		
QPSK 20MHz		

Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
16QAM 1.4MHz		
16QAM 3MHz		
16QAM 5MHz		

Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
16QAM 10MHz		
16QAM 15MHz		
16QAM 20MHz		

4.7 Antenna Port Test Data and Results for LTE Band 4

Serial Number:	CR22090005-RF-S1	Test Date:	2022-08-30~2022-08-31
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chan	Test Result:	**Pass**

Environmental Conditions:					
Temperature: (℃)	25.1~25.8	Relative Humidity: (%)	52~60	ATM Pressure: (kPa)	100.1~100.8

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022-07-15	2023-07-14
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100004	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
Unknown	Coaxial tee connector	Unknown	2204006	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN751	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022-07-15	2023-07-14
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022-04-06	2023-04-05
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
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).*

EUT Information@ LTE Band 4▲:					
Antenna Gain (dBi):	1.3			Cable Loss (dB):	0.4
Operation Voltage(V_{DC}):					
Lowest:	3.3	Normal:	3.85	Highest:	4.4

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	23.74	23.7	23.69	24.81	30
	RB1#3	23.88	23.91	23.84		
	RB1#5	23.68	23.69	23.66		
	RB3#0	23.91	23.83	23.79		
	RB3#3	23.91	23.82	23.78		
	RB6#0	22.74	22.81	22.79		
1.4MHz 16QAM	RB1#0	22.89	22.77	22.71	23.96	30
	RB1#3	23.06	22.96	22.86		
	RB1#5	22.9	22.8	22.72		
	RB3#0	22.87	22.89	22.93		
	RB3#3	22.9	22.89	22.96		
	RB6#0	21.85	21.76	21.8		
3MHz QPSK	RB1#0	23.67	23.72	23.74	24.65	30
	RB1#8	23.69	23.72	23.75		
	RB1#14	23.69	23.73	23.75		
	RB6#0	22.69	22.73	22.69		
	RB6#9	22.73	22.71	22.76		
	RB15#0	22.76	22.78	22.76		
3MHz 16QAM	RB1#0	23.37	22.91	22.75	24.27	30
	RB1#8	23.34	22.92	22.76		
	RB1#14	23.34	22.93	22.78		
	RB6#0	21.85	21.76	21.65		
	RB6#9	21.79	21.78	21.67		
	RB15#0	21.87	21.73	21.82		
5MHz QPSK	RB1#0	23.62	23.66	23.63	24.69	30
	RB1#13	23.79	23.73	23.71		
	RB1#24	23.61	23.67	23.64		
	RB15#0	22.75	22.76	22.78		
	RB15#10	22.75	22.79	22.8		
	RB25#0	22.75	22.76	22.76		
5MHz 16QAM	RB1#0	22.58	22.96	22.69	23.95	30
	RB1#13	22.74	23.05	22.79		
	RB1#24	22.58	22.96	22.73		
	RB15#0	21.85	21.75	21.78		
	RB15#10	21.86	21.77	21.81		
	RB25#0	21.86	21.78	21.79		
10MHz QPSK	RB1#0	23.65	23.7	23.69	24.79	30
	RB1#25	23.89	23.85	23.85		

	RB1#49	23.73	23.69	23.74		
	RB25#0	22.76	22.84	22.81		
	RB25#25	22.78	22.83	22.8		
	RB50#0	22.82	22.83	22.81		
10MHz 16QAM	RB1#0	22.79	23.27	22.85	24.32	30
	RB1#25	22.88	23.42	23.11		
	RB1#49	22.75	23.32	22.86		
	RB25#0	21.94	21.87	21.88		
	RB25#25	21.91	21.98	21.86		
	RB50#0	21.9	21.88	21.83		
15MHz QPSK	RB1#0	23.57	23.68	23.7	24.65	30
	RB1#38	23.75	23.73	23.75		
	RB1#74	23.72	23.67	23.66		
	RB36#0	22.76	22.84	22.82		
	RB36#39	22.86	22.85	22.79		
	RB75#0	22.84	22.83	22.85		
15MHz 16QAM	RB1#0	23.12	23.17	22.81	24.21	30
	RB1#38	23.07	23.29	22.9		
	RB1#74	23.06	23.31	22.86		
	RB36#0	21.74	21.81	21.78		
	RB36#39	21.77	21.81	21.79		
	RB75#0	21.79	21.85	21.81		
20MHz QPSK	RB1#0	23.45	23.54	23.55	24.81	30
	RB1#50	23.87	23.87	23.91		
	RB1#99	23.5	23.56	23.57		
	RB50#0	22.75	22.72	22.76		
	RB50#50	22.79	22.83	22.77		
	RB100#0	22.78	22.8	22.77		
20MHz 16QAM	RB1#0	23.11	22.85	22.74	24.23	30
	RB1#50	23.33	23.21	23.11		
	RB1#99	23.07	22.9	22.75		
	RB50#0	21.78	21.76	21.8		
	RB50#50	21.79	21.85	21.74		
	RB100#0	21.82	21.84	21.8		
Note: EIRP=Conducted Power(dBm) - L_C(dB) + G_T(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	3.74	4.7	3.25	13
	RB100#0	5.01	4.99	4.58	13
20MHz 16QAM	RB1#0	4.93	5.77	4.09	13
	RB100#0	5.91	6.06	5.54	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	1.108	1.102	1.314	1.314	1.302
1.4MHz 16QAM	1.102	1.096	1.096	1.32	1.308	1.29
3MHz QPSK	2.695	2.695	2.683	2.868	2.88	2.892
3MHz 16QAM	2.683	2.683	2.683	2.892	2.892	2.88
5MHz QPSK	4.531	4.511	4.491	4.96	5.72	4.92
5MHz 16QAM	4.491	4.531	4.531	4.96	5.14	4.96
10MHz QPSK	8.942	8.942	8.942	9.68	9.68	9.6
10MHz 16QAM	8.942	8.942	8.942	9.68	9.56	9.64
15MHz QPSK	13.473	13.473	13.473	14.82	14.88	14.88
15MHz 16QAM	13.533	13.593	13.533	14.82	16.02	14.76
20MHz QPSK	17.964	17.964	17.964	19.6	19.28	19.36
20MHz 16QAM	17.964	17.964	18.044	19.36	19.36	19.44
Note: The test plots please refer to the Plots of Occupied Bandwidth						

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

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

FCC §2.1055, §27.54: Frequency Stability

Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1710.271	1710.00	1754.676	1755
	-20	3.85	1710.218	1710.00	1754.611	1755
	-10	3.85	1710.296	1710.00	1754.619	1755
	0	3.85	1710.231	1710.00	1754.667	1755
	10	3.85	1710.224	1710.00	1754.613	1755
	20	3.85	1710.258	1710.00	1754.622	1755
	30	3.85	1710.259	1710.00	1754.633	1755
	40	3.85	1710.252	1710.00	1754.664	1755
	50	3.85	1710.206	1710.00	1754.661	1755
Frequency Stability vs. Voltage	20	3.3	1710.287	1710.00	1754.671	1755
	20	4.4	1710.265	1710.00	1754.651	1755
					Result:	**Pass**

Test Mode:	20M 16QAM	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1710.284	1710.00	1754.635	1755
	-20	3.85	1710.282	1710.00	1754.625	1755
	-10	3.85	1710.204	1710.00	1754.635	1755
	0	3.85	1710.244	1710.00	1754.623	1755
	10	3.85	1710.255	1710.00	1754.604	1755
	20	3.85	1710.258	1710.00	1754.622	1755
	30	3.85	1710.265	1710.00	1754.623	1755
	40	3.85	1710.266	1710.00	1754.652	1755
	50	3.85	1710.248	1710.00	1754.641	1755
Frequency Stability vs. Voltage	20	3.3	1710.241	1710.00	1754.613	1755
	20	4.4	1710.286	1710.00	1754.604	1755
					Result:	**Pass**