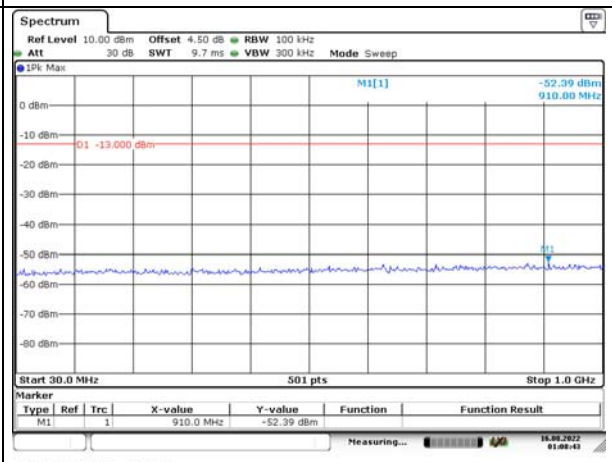
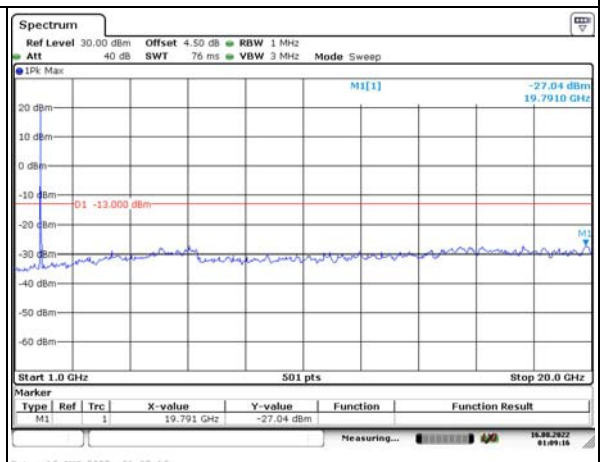
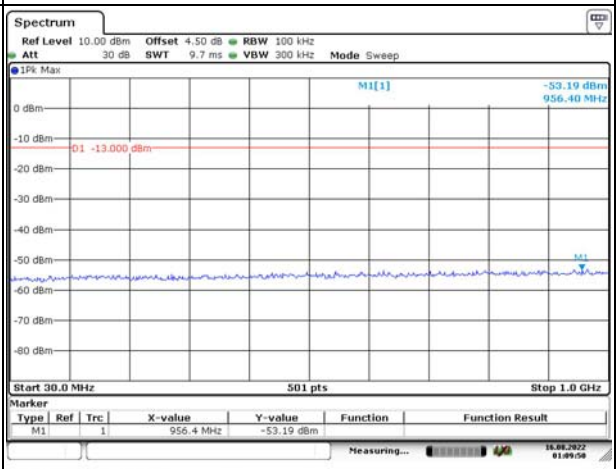
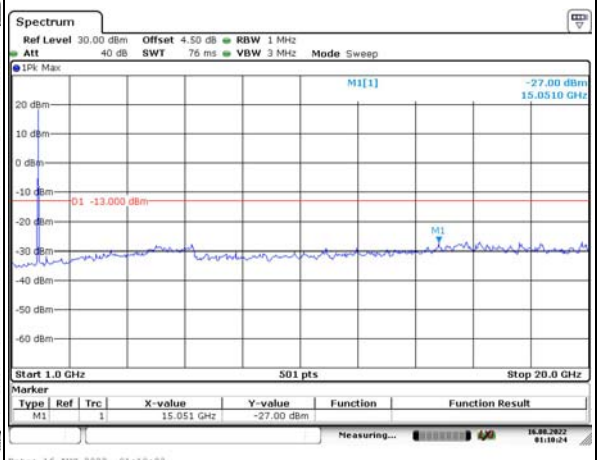
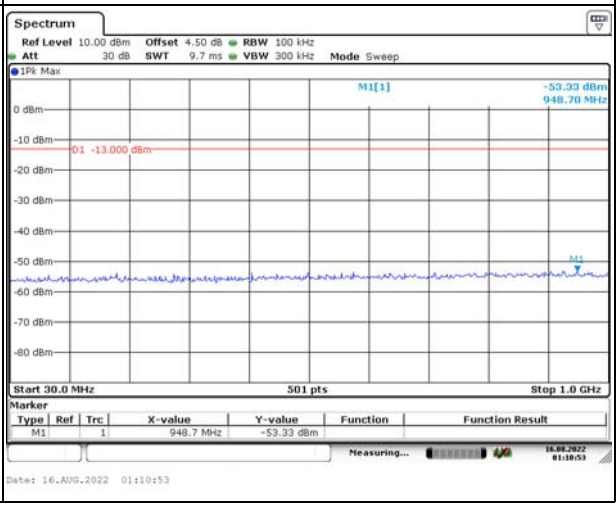
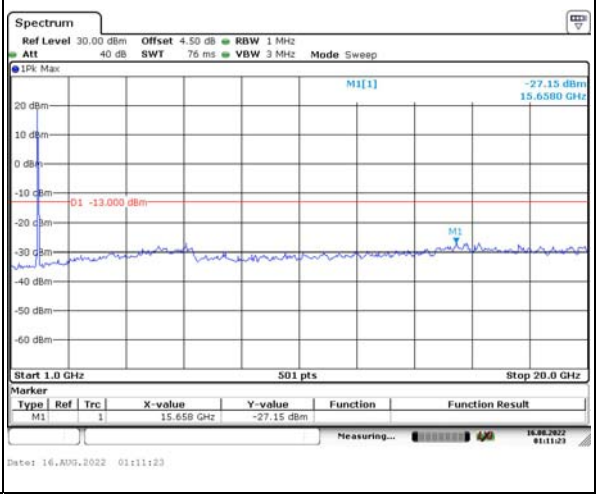
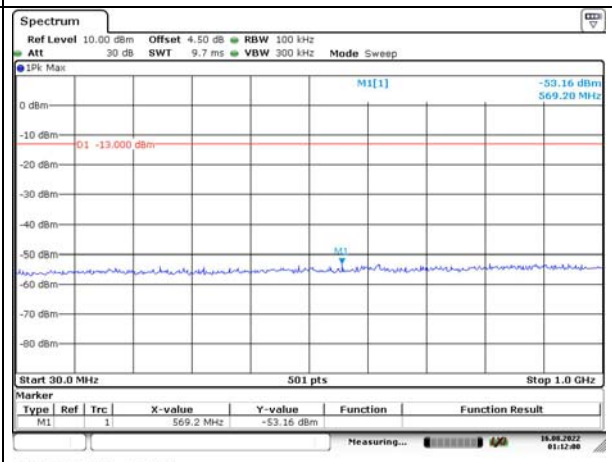
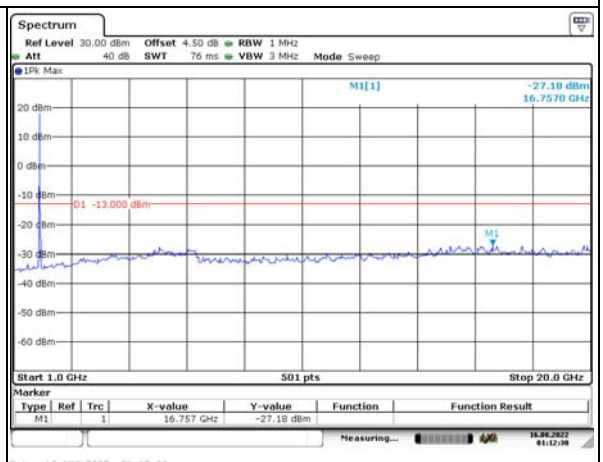
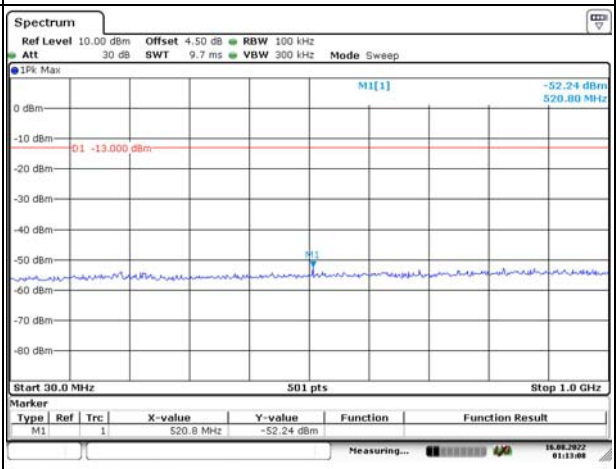
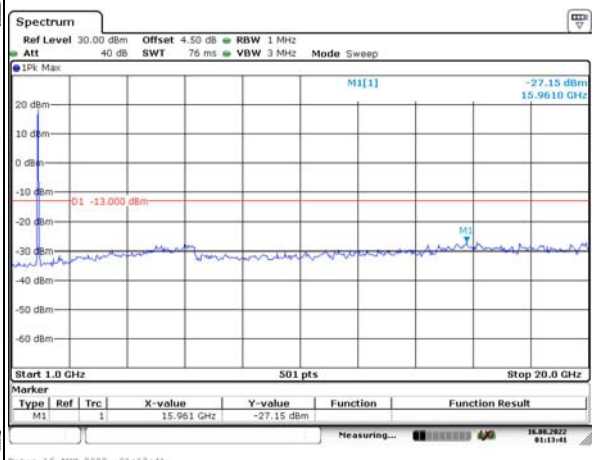
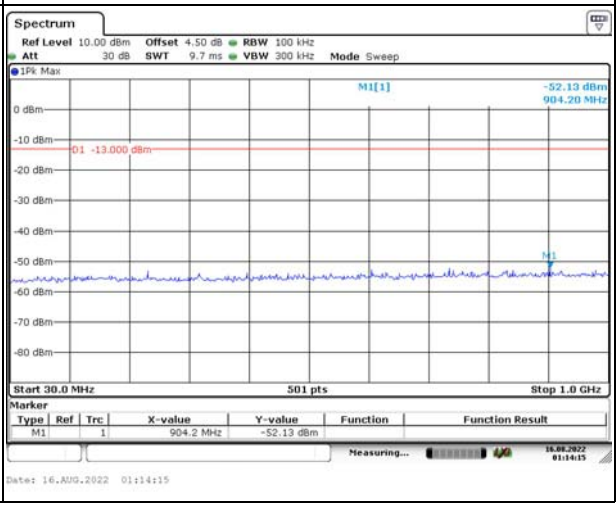
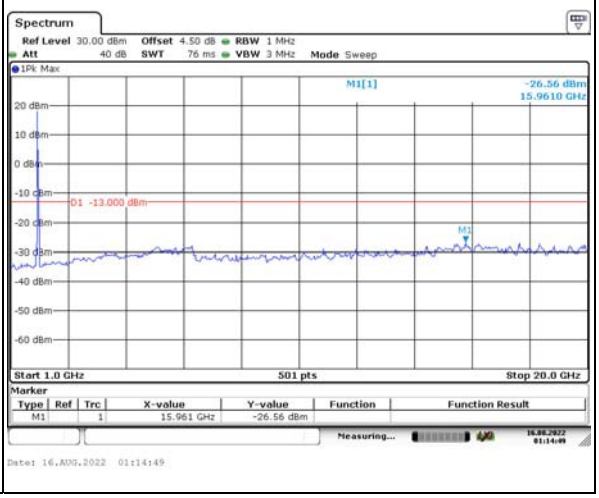
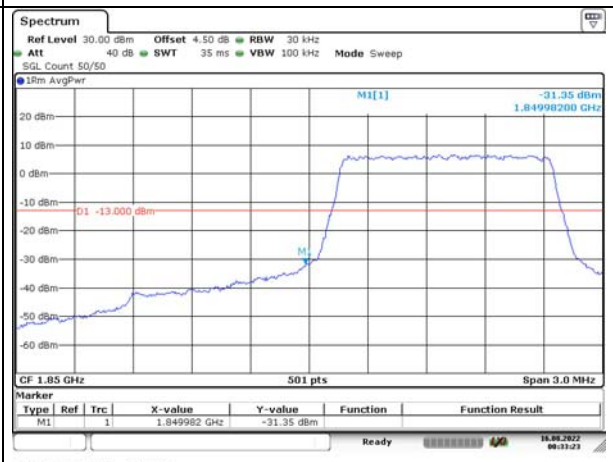
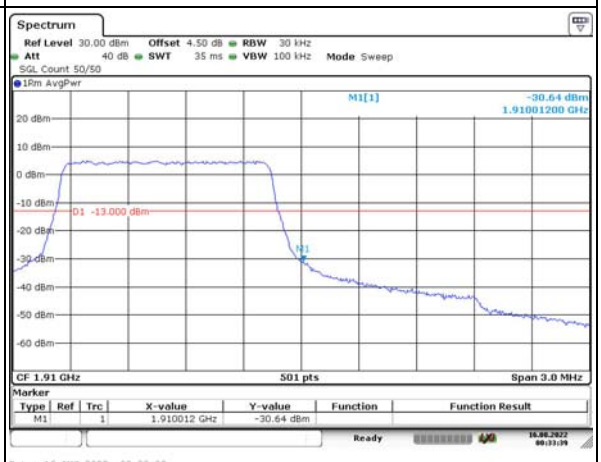
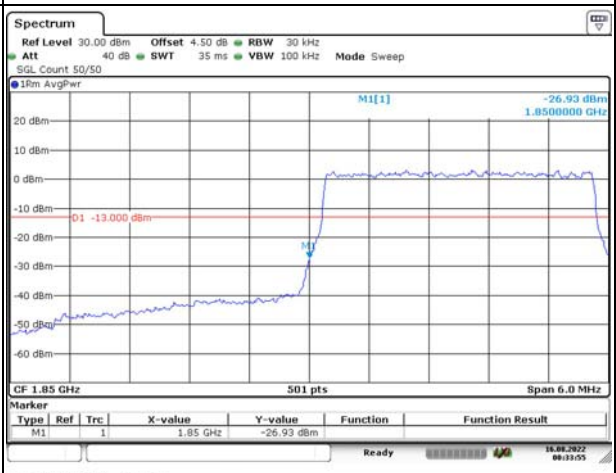
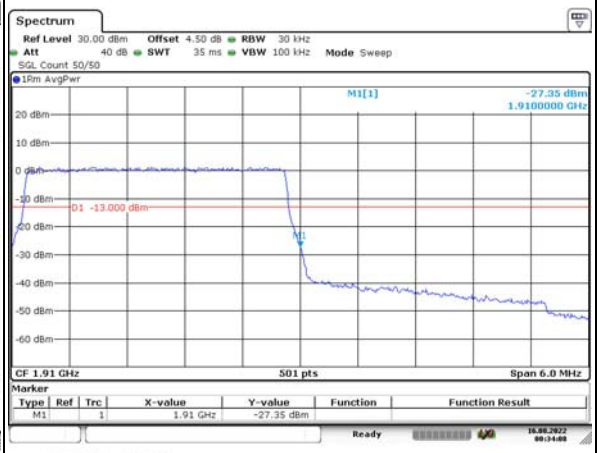
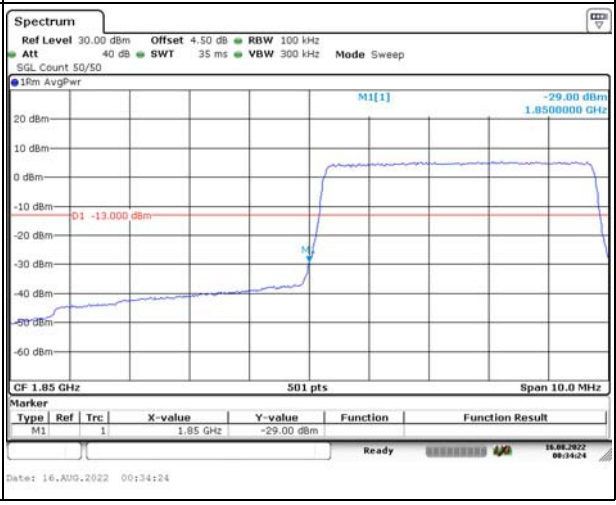
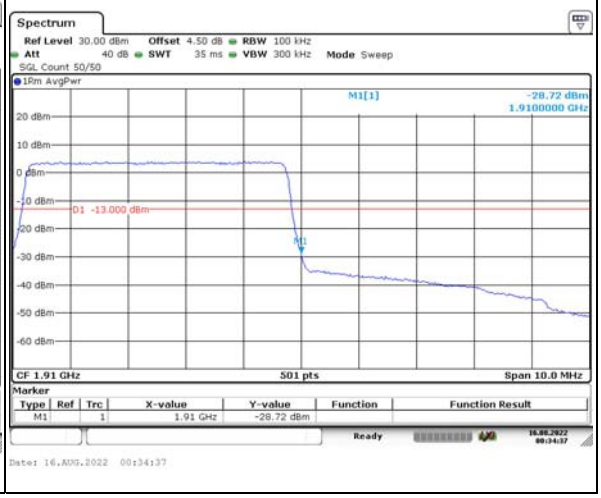
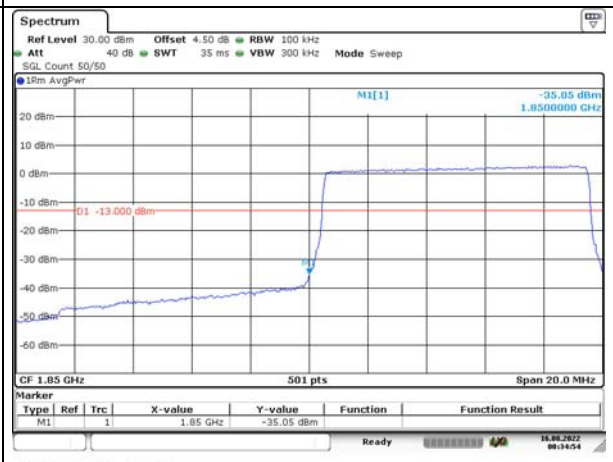
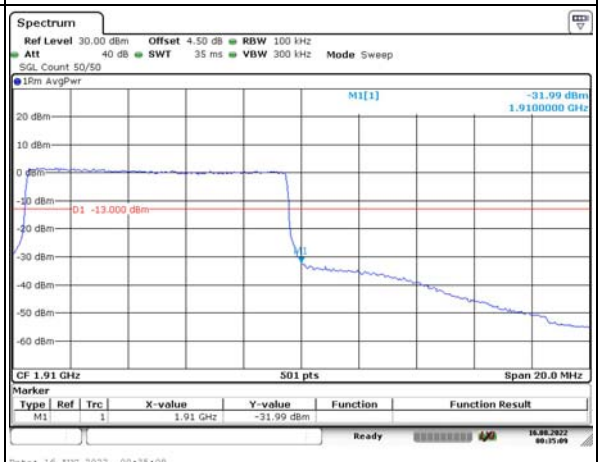
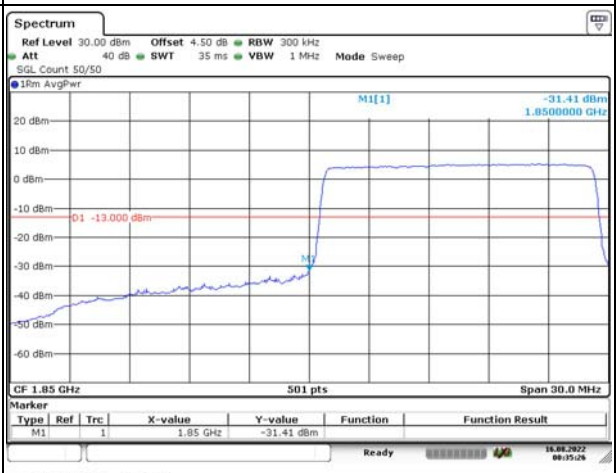
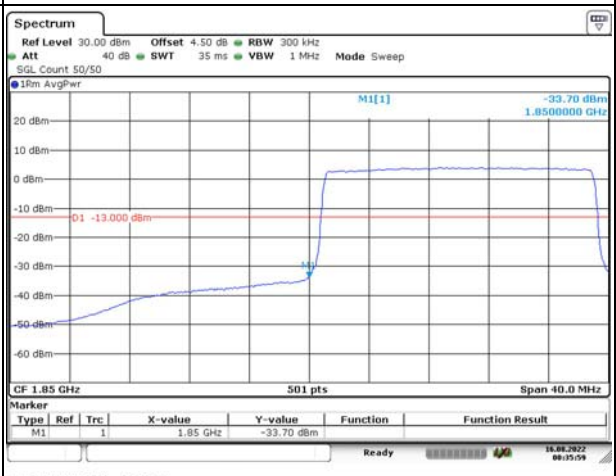
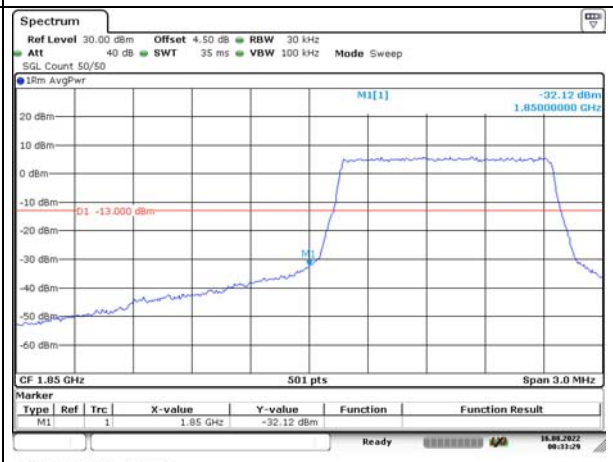
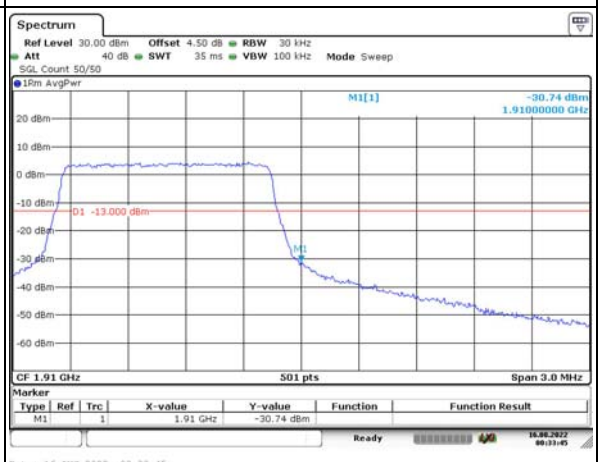
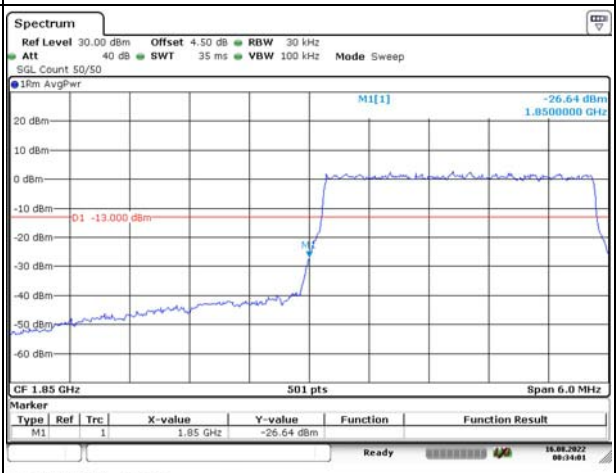
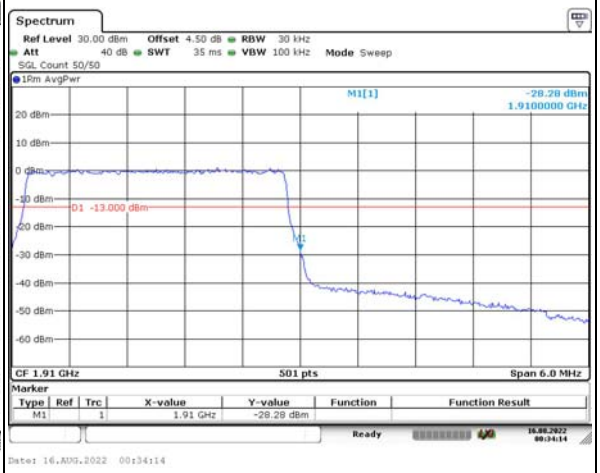
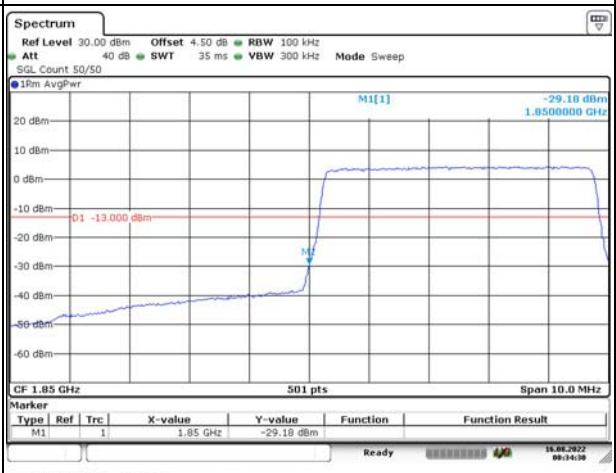
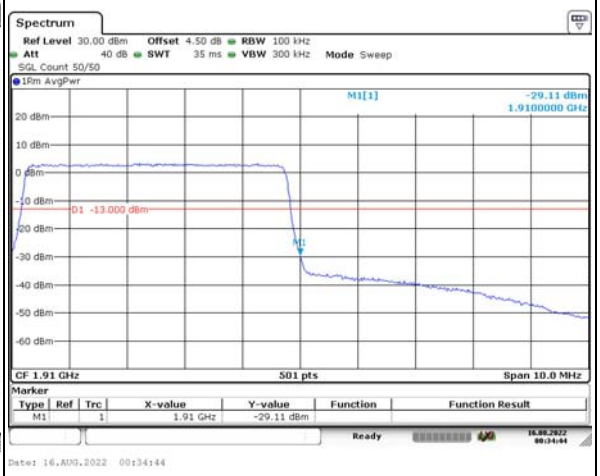
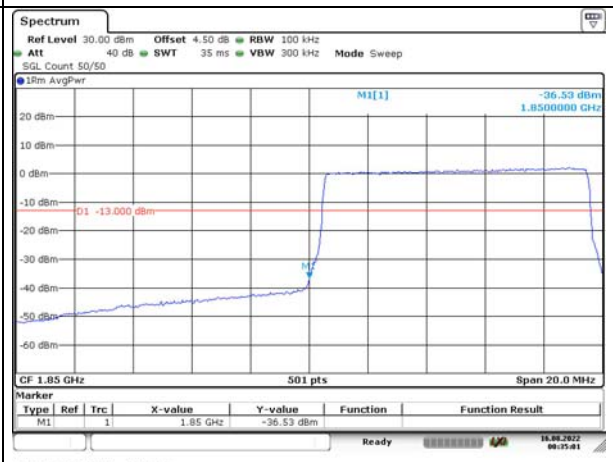
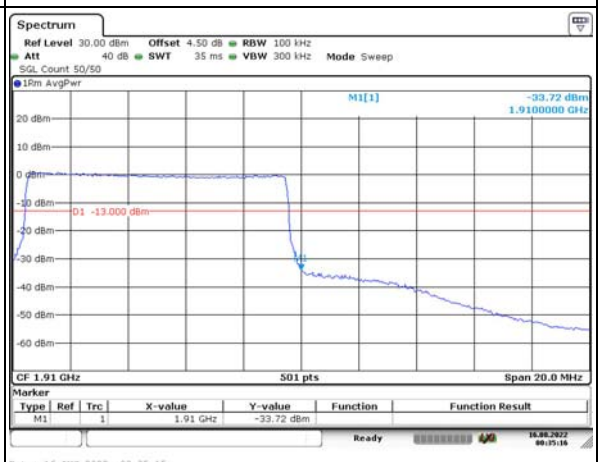
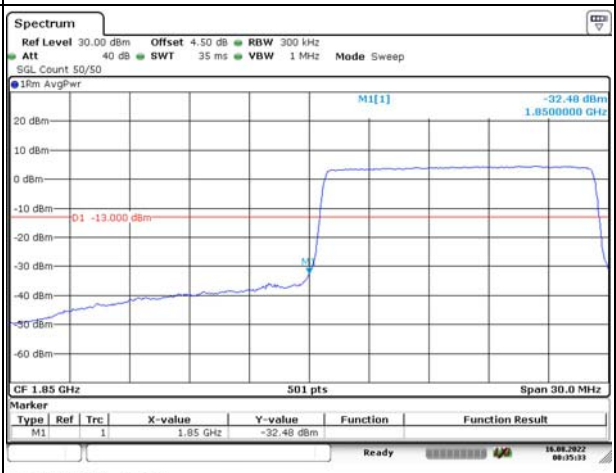
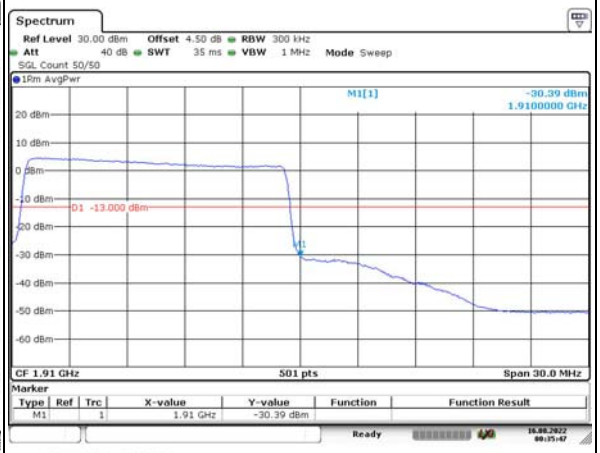
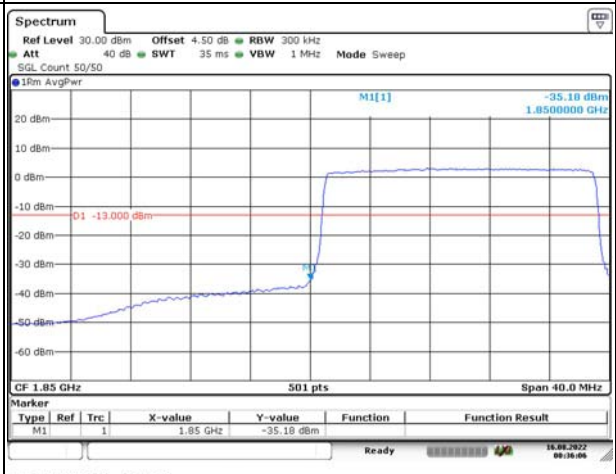
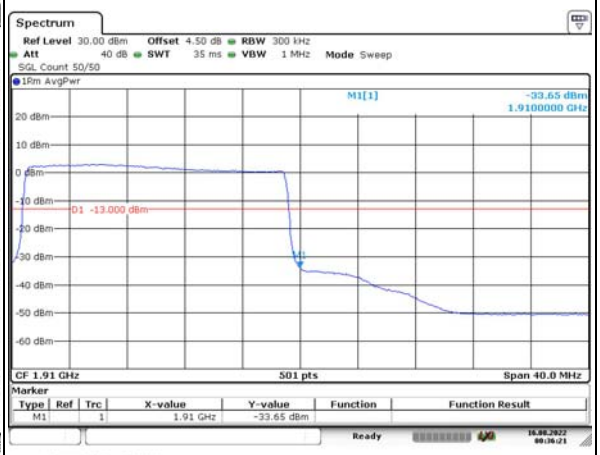
Spurious Emissions at Antenna Terminal		
Channel	**15MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

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:	CR22080013-RF-S1	Test Date:	2022-08-13~2022-08-25
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chen	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	25.1~25.9	Relative Humidity: (%)	52~63	ATM Pressure: (kPa)	99.9~100.8

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
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN751	Each time	N/A
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
Unknown	RF Cable	Unknown	RF Cable 003	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022-07-15	2023-07-14
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	N/A
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022-04-06	2023-04-05

** 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):	0.54			Path Loss L_C (dB):	0.4
Operation Voltage(V_{DC}):					
Lowest:	3.5	Normal:	3.8	Highest:	4.35

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	22.53	22.47	22.48	22.82	30
	RB1#3	22.49	22.37	22.46		
	RB1#5	22.54	22.36	22.48		
	RB3#0	22.59	22.52	22.34		
	RB3#3	22.68	22.48	22.37		
	RB6#0	21.53	21.44	21.29		
1.4MHz 16QAM	RB1#0	21.74	22.13	21.39	22.27	30
	RB1#3	21.69	22.13	21.46		
	RB1#5	21.69	22.1	21.43		
	RB3#0	21.81	21.54	21.33		
	RB3#3	21.82	21.55	21.31		
	RB6#0	20.8	20.7	20.71		
3MHz QPSK	RB1#0	22.48	22.49	22.15	22.67	30
	RB1#8	22.46	22.42	22.13		
	RB1#14	22.53	22.43	22.1		
	RB6#0	21.57	21.5	21.25		
	RB6#9	21.68	21.49	21.3		
	RB15#0	21.47	21.36	21.31		
3MHz 16QAM	RB1#0	22.21	21.33	21.54	22.45	30
	RB1#8	22.2	21.24	21.44		
	RB1#14	22.31	21.26	21.44		
	RB6#0	20.79	20.78	20.41		
	RB6#9	20.82	20.78	20.36		
	RB15#0	20.65	20.57	20.46		
5MHz QPSK	RB1#0	22.63	22.44	22.34	22.87	30
	RB1#13	22.67	22.39	22.3		
	RB1#24	22.73	22.38	22.35		
	RB15#0	21.54	21.6	21.39		
	RB15#10	21.66	21.37	21.44		
	RB25#0	21.58	21.4	21.36		
5MHz 16QAM	RB1#0	21.75	21.18	20.58	21.99	30
	RB1#13	21.84	21.13	20.67		
	RB1#24	21.85	21.21	20.69		
	RB15#0	20.61	20.64	20.55		
	RB15#10	20.61	20.62	20.49		
	RB25#0	20.71	20.4	20.56		
10MHz QPSK	RB1#0	22.52	22.49	22.31	22.69	30

	RB1#25	22.5	22.47	22.34		
	RB1#49	22.55	22.4	22.34		
	RB25#0	21.58	21.55	21.32		
	RB25#25	21.52	21.46	21.21		
	RB50#0	21.52	21.51	21.5		
10MHz 16QAM	RB1#0	21.69	21.01	21.69	21.88	30
	RB1#25	21.71	20.94	21.74		
	RB1#49	21.71	20.96	21.67		
	RB25#0	20.79	20.69	20.48		
	RB25#25	20.82	20.65	20.43		
	RB50#0	20.7	20.61	20.64		
15MHz QPSK	RB1#0	22.5	22.46	22.36	22.67	30
	RB1#38	22.51	22.32	22.32		
	RB1#74	22.53	22.32	22.36		
	RB36#0	21.48	21.49	21.39		
	RB36#39	21.54	21.45	21.37		
	RB75#0	21.55	21.48	21.28		
15MHz 16QAM	RB1#0	21.66	21.92	21.71	22.06	30
	RB1#38	21.75	21.91	21.66		
	RB1#74	21.71	21.89	21.73		
	RB36#0	20.69	20.57	20.63		
	RB36#39	20.71	20.56	20.67		
	RB75#0	20.75	20.56	20.45		
20MHz QPSK	RB1#0	22.64	22.49	22.48	22.79	30
	RB1#50	22.65	22.43	22.49		
	RB1#99	22.65	22.45	22.47		
	RB50#0	21.48	21.56	21.37		
	RB50#50	21.48	21.48	21.42		
	RB100#0	21.59	21.41	21.39		
20MHz 16QAM	RB1#0	21.53	22.12	21	22.34	30
	RB1#50	21.56	22.19	21		
	RB1#99	21.55	22.2	21.02		
	RB50#0	20.71	20.66	20.59		
	RB50#50	20.66	20.55	20.68		
	RB100#0	20.62	20.64	20.48		
Note: EIRP=Conducted Power(dBm) - Cable loss(dB) + Antenna Gain(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	3.28	3.51	5.01	13
	RB100#0	3.68	4.93	4.87	13
20MHz 16QAM	RB1#0	4.32	4.41	5.83	13
	RB100#0	4.61	5.86	5.83	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	1.108	1.102	1.102	1.266	1.260	1.272
1.4MHz 16QAM	1.108	1.108	1.102	1.266	1.254	1.260
3MHz QPSK	2.707	2.695	2.695	3.000	3.012	3.000
3MHz 16QAM	2.695	2.695	2.695	3.012	3.024	3.036
5MHz QPSK	4.531	4.511	4.531	5.020	5.000	5.020
5MHz 16QAM	4.531	4.551	4.511	5.020	5.040	5.000
10MHz QPSK	8.982	8.942	8.982	9.960	9.800	9.800
10MHz 16QAM	8.942	8.942	8.982	10.160	9.840	9.760
15MHz QPSK	13.473	13.533	13.533	15.360	15.120	15.060
15MHz 16QAM	13.533	13.533	13.533	15.420	15.060	15.060
20MHz QPSK	17.964	18.044	17.964	19.680	19.840	19.680
20MHz 16QAM	17.964	18.044	18.044	19.840	19.680	19.760
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.**

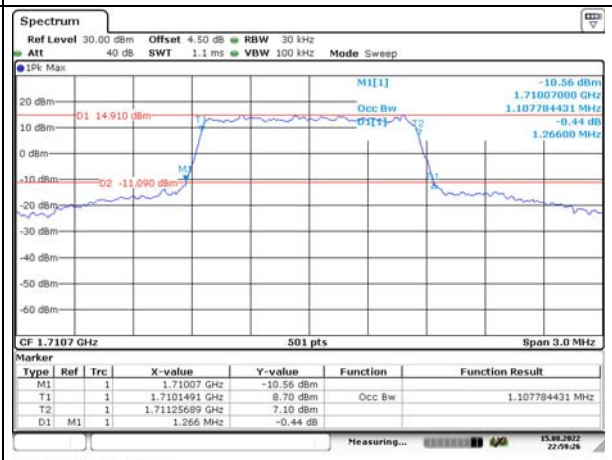
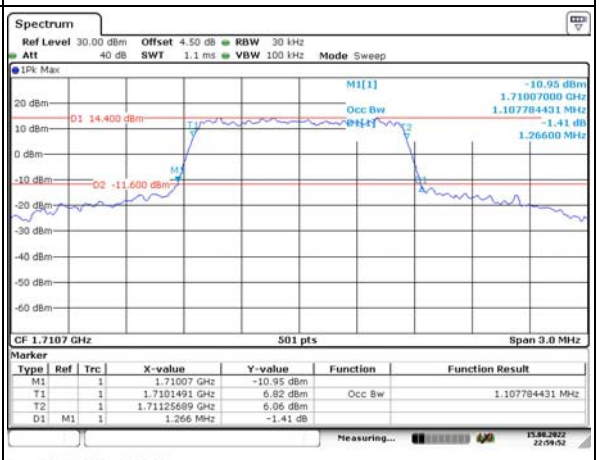
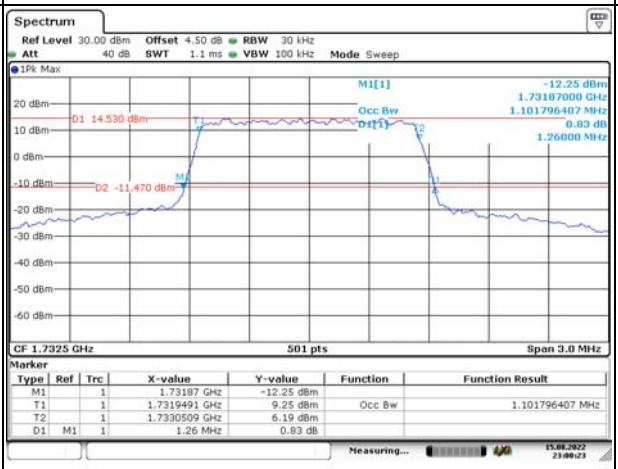
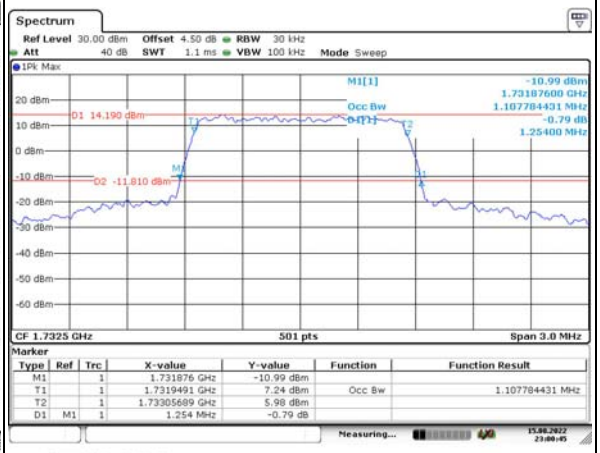
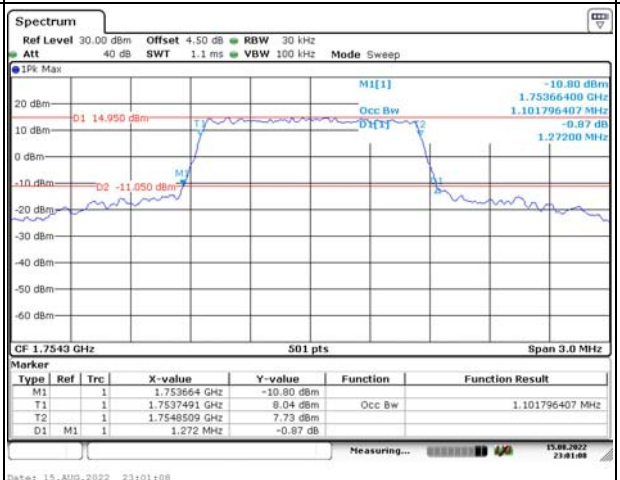
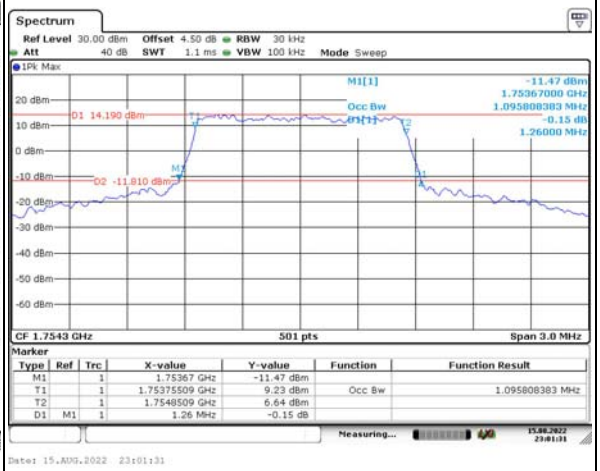
FCC §2.1051, § 27.53:Out of band emission, Band Edge	
Result:	**Pass, Please refer to the test plots of Out of band emission, Band Edge.**

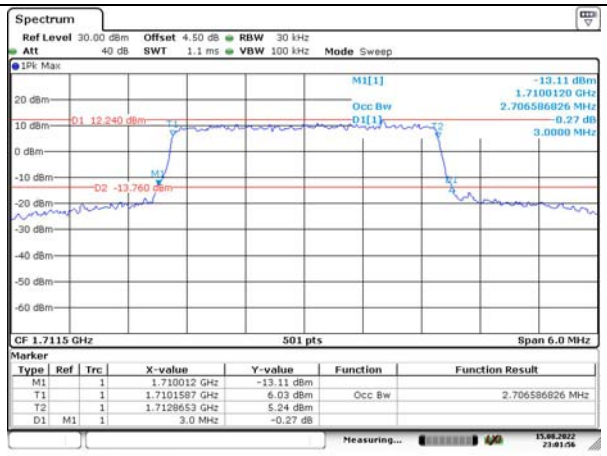
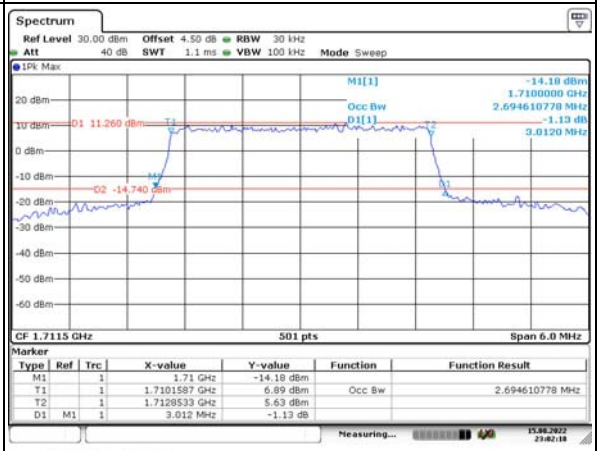
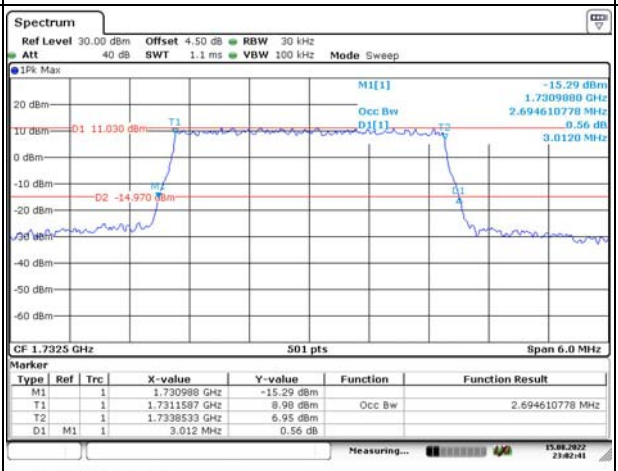
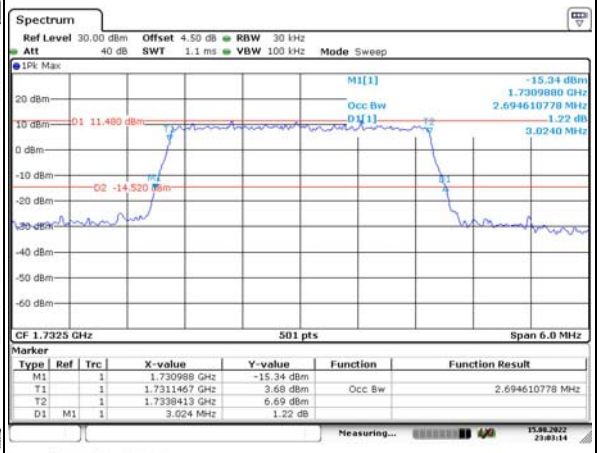
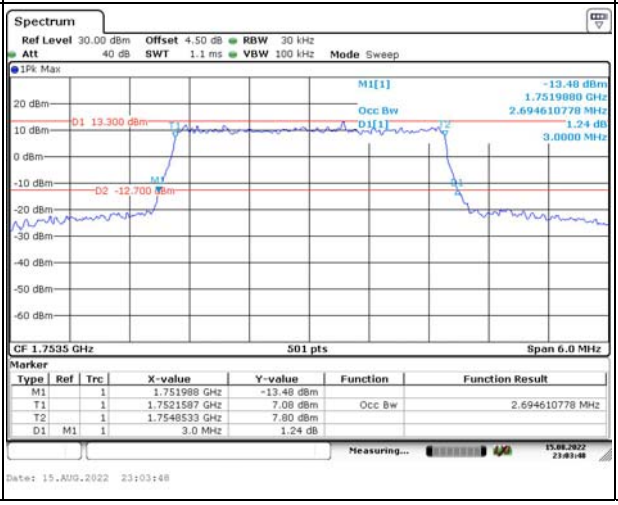
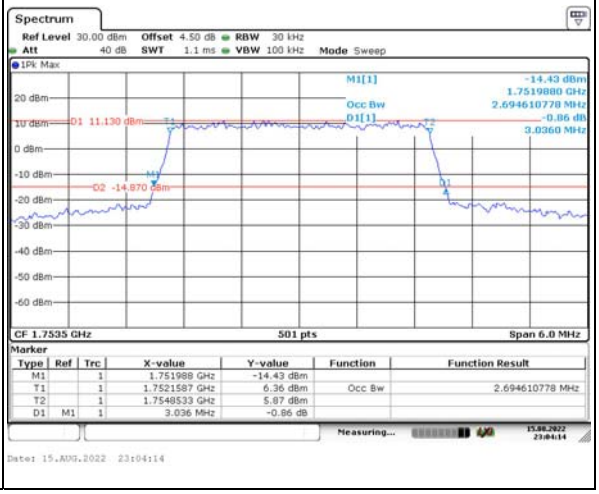
FCC §2.1055, §27.54: Frequency Stability

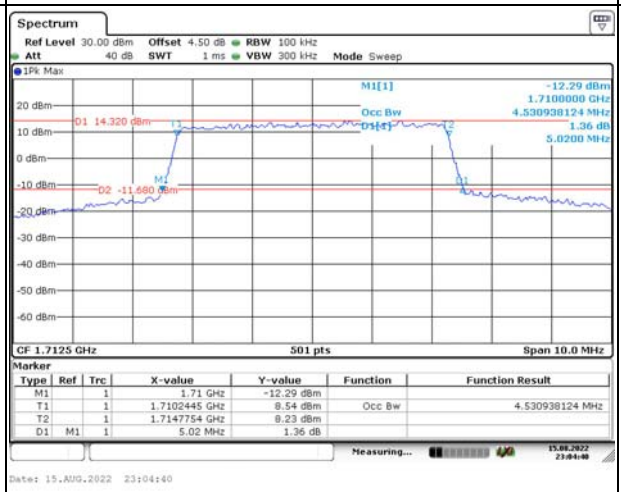
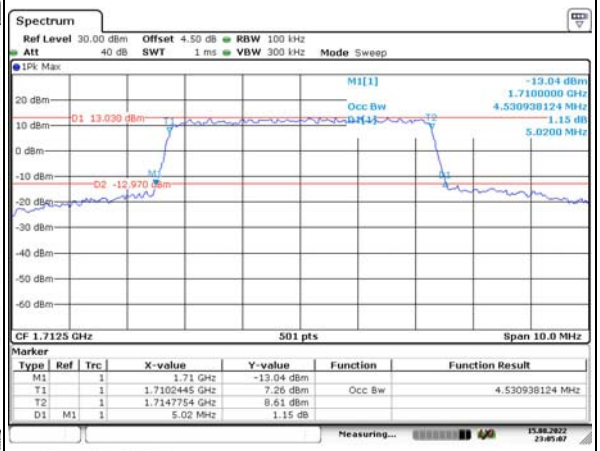
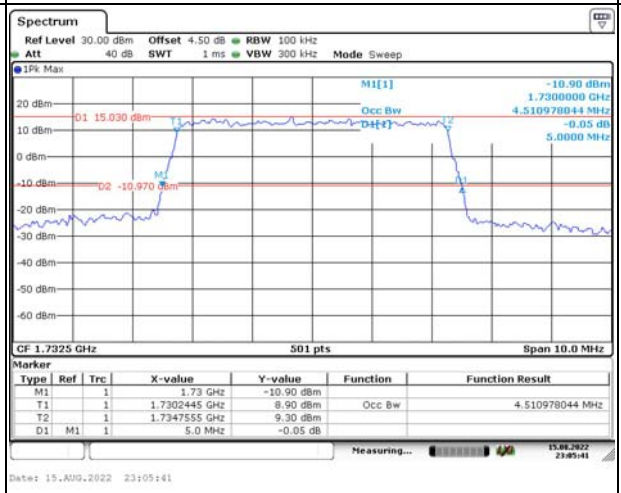
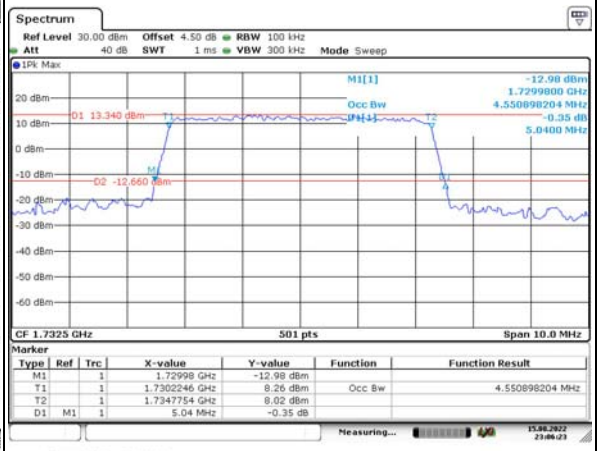
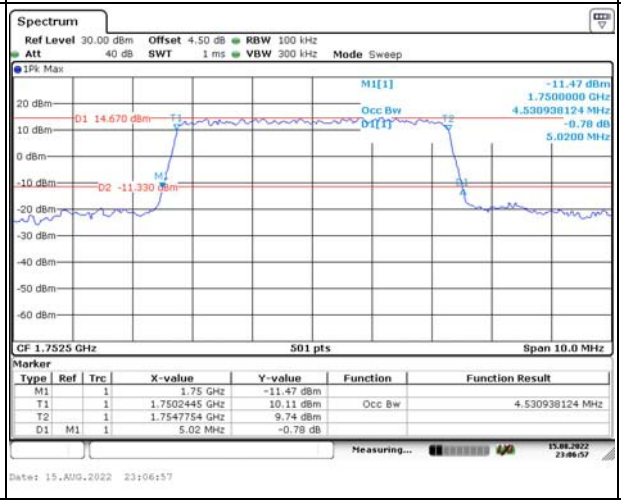
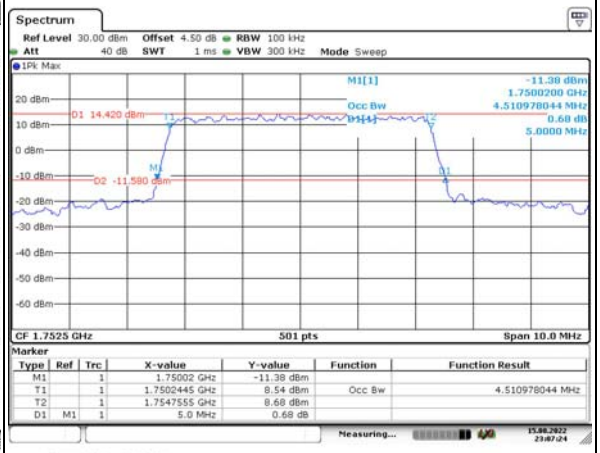
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.8	1711.089	1710.00	1754.063	1755
	-20	3.8	1711.043	1710.00	1754.002	1755
	-10	3.8	1711.049	1710.00	1754.018	1755
	0	3.8	1711.014	1710.00	1754.061	1755
	10	3.8	1711.049	1710.00	1754.097	1755
	20	3.8	1711.058	1710.00	1754.022	1755
	30	3.8	1711.013	1710.00	1754.003	1755
	40	3.8	1711.009	1710.00	1754.075	1755
	50	3.8	1711.036	1710.00	1754.086	1755
Frequency Stability vs. Voltage	20	3.5	1711.004	1710.00	1754.083	1755
	20	4.35	1711.093	1710.00	1754.083	1755
					Result:	**Pass**

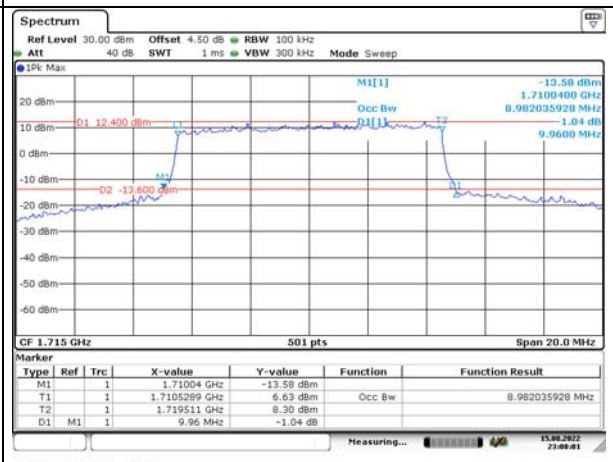
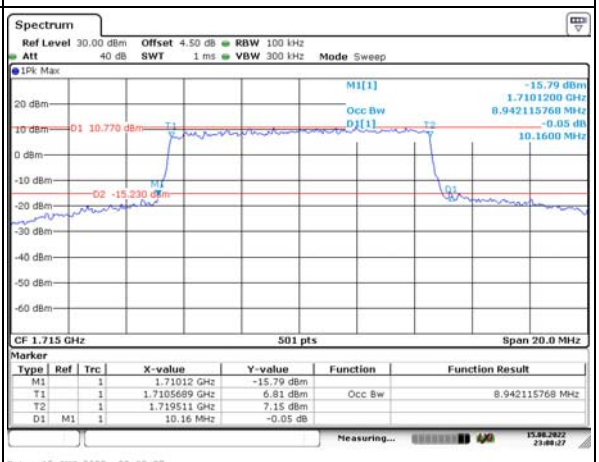
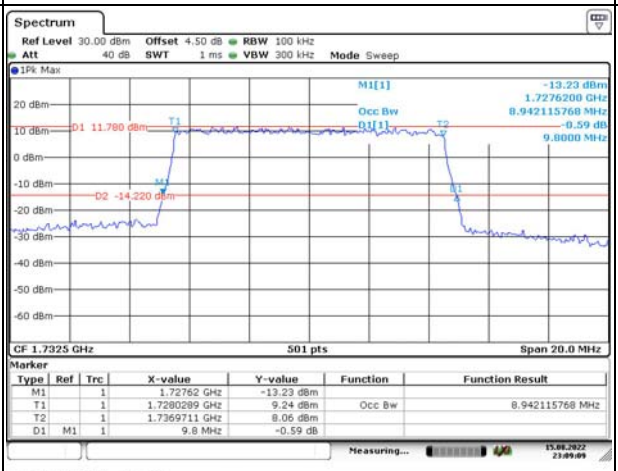
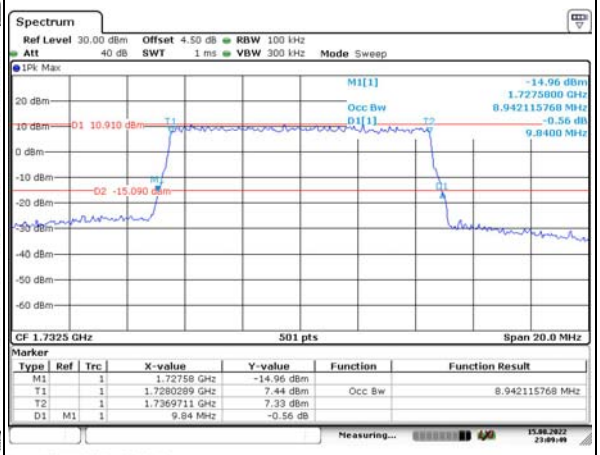
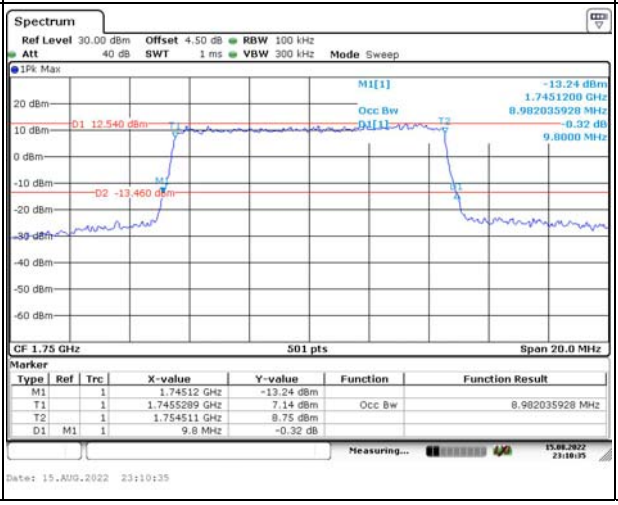
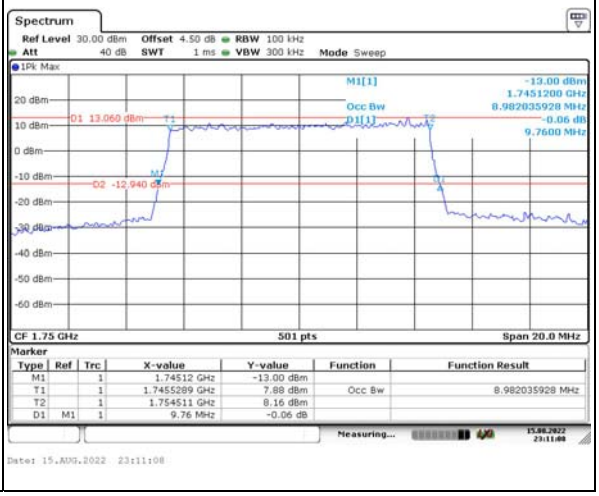
Test Mode:	20M 16QAM	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.8	1711.079	1710.00	1754.146	1755
	-20	3.8	1711.017	1710.00	1754.057	1755
	-10	3.8	1711.048	1710.00	1754.056	1755
	0	3.8	1711.073	1710.00	1754.114	1755
	10	3.8	1711.096	1710.00	1754.094	1755
	20	3.8	1711.058	1710.00	1754.102	1755
	30	3.8	1711.016	1710.00	1754.128	1755
	40	3.8	1711.054	1710.00	1754.096	1755
	50	3.8	1711.001	1710.00	1754.139	1755
Frequency Stability vs. Voltage	20	3.5	1711.004	1710.00	1754.110	1755
	20	4.35	1711.008	1710.00	1754.095	1755
					Result:	**Pass**

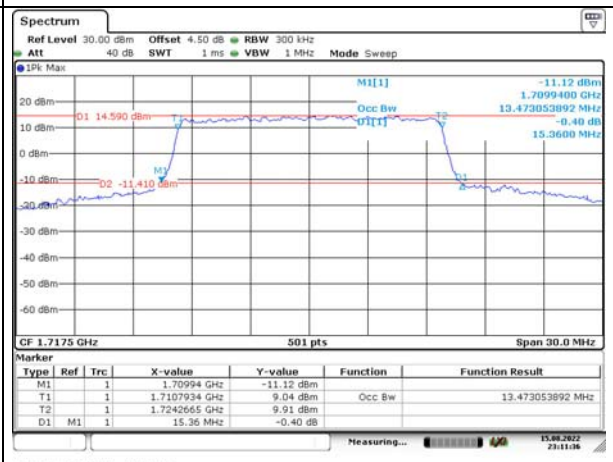
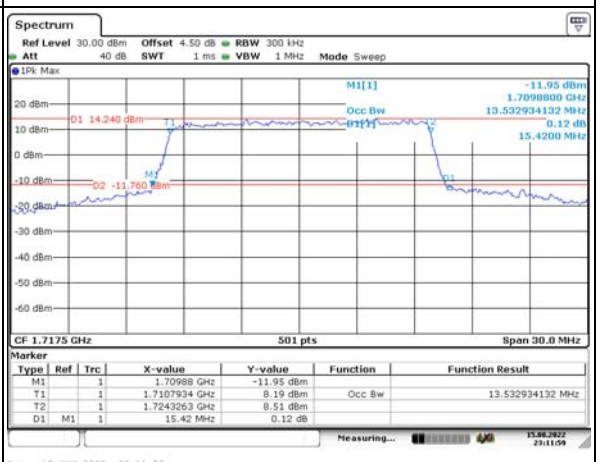
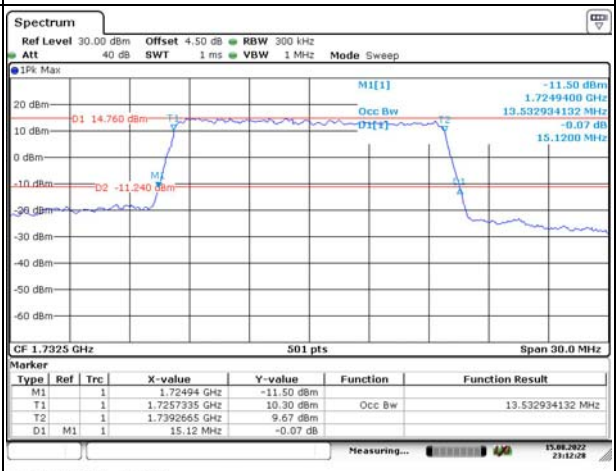
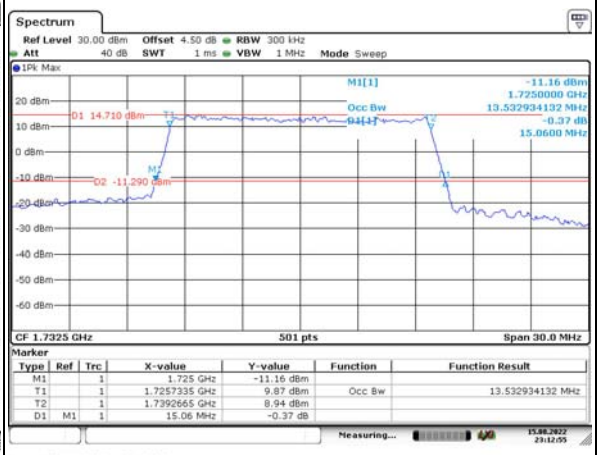
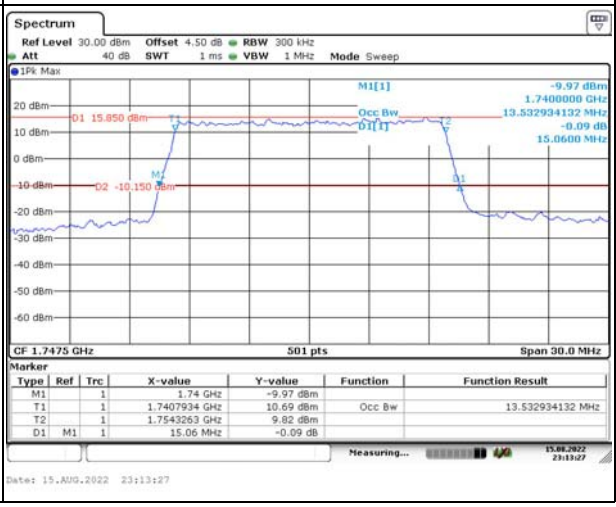
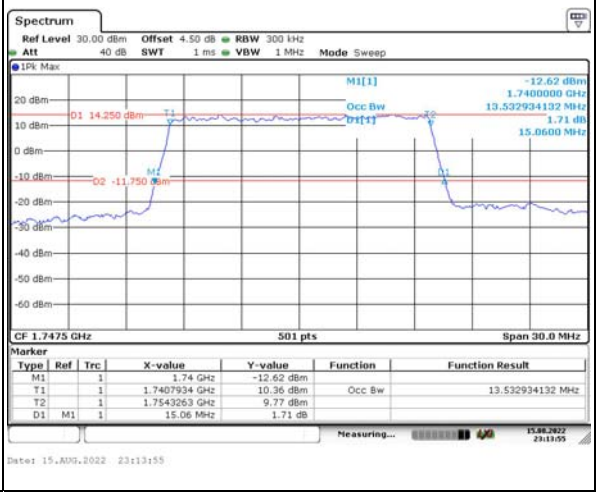
Test Plots:

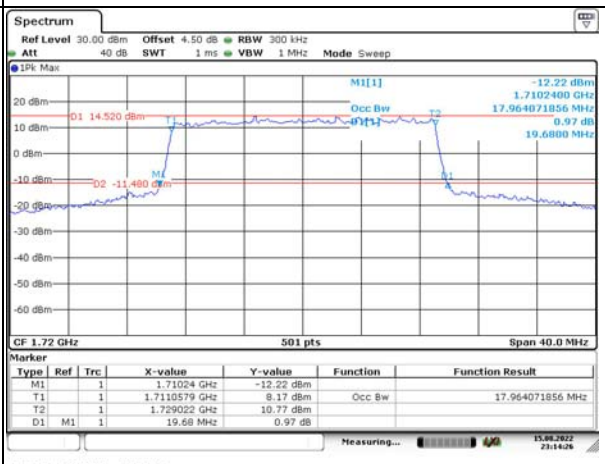
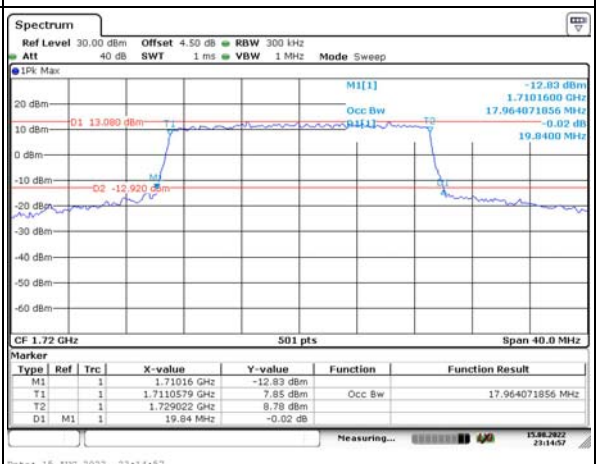
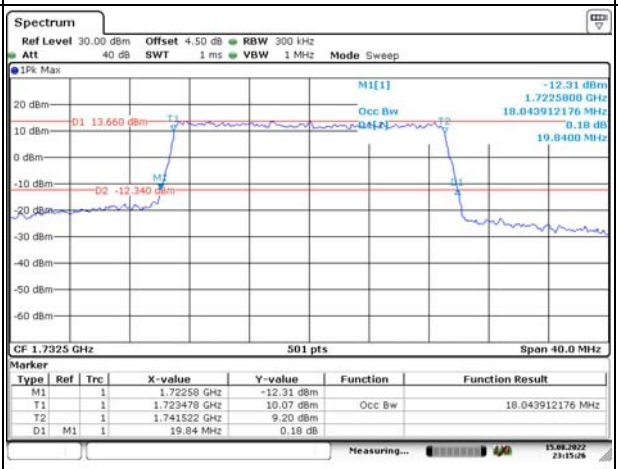
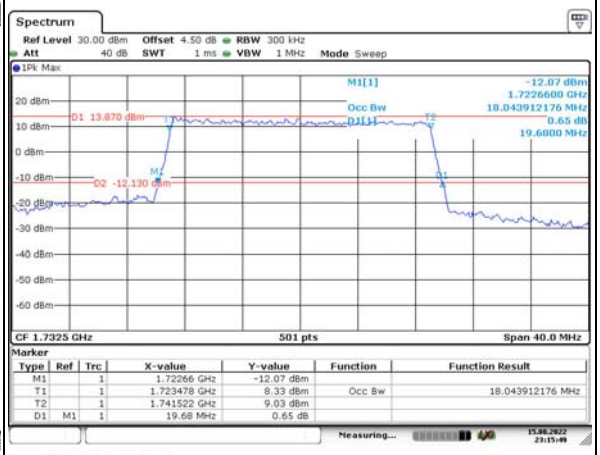
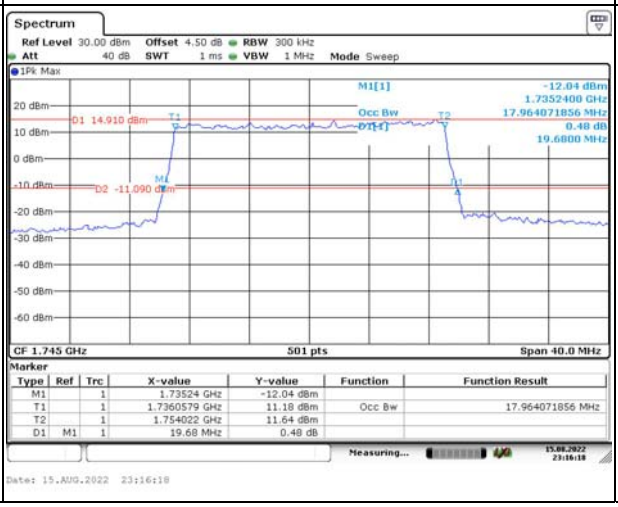
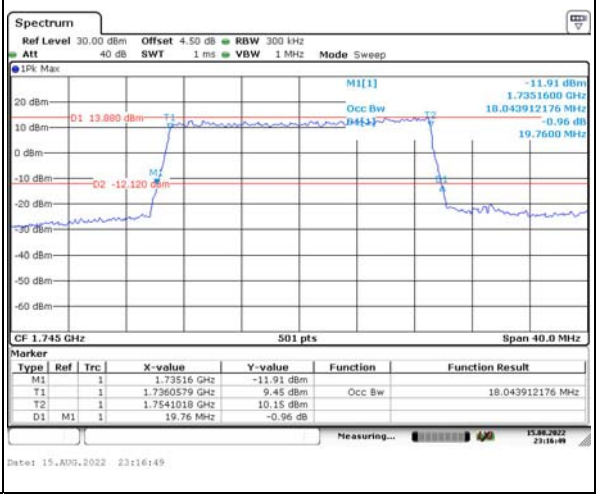
Occupied Bandwidth		
Channel	1.4MHz Bandwidth QPSK	1.4MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

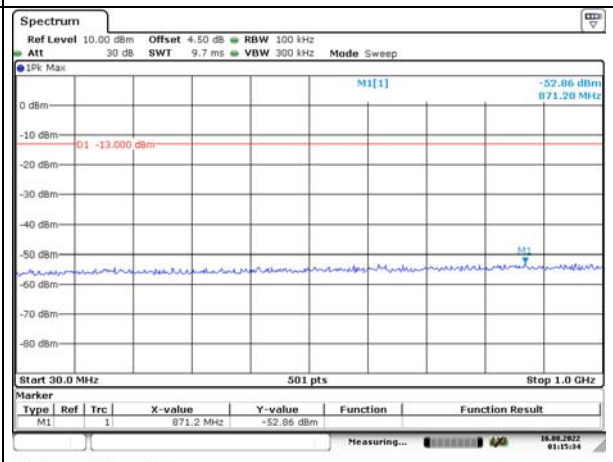
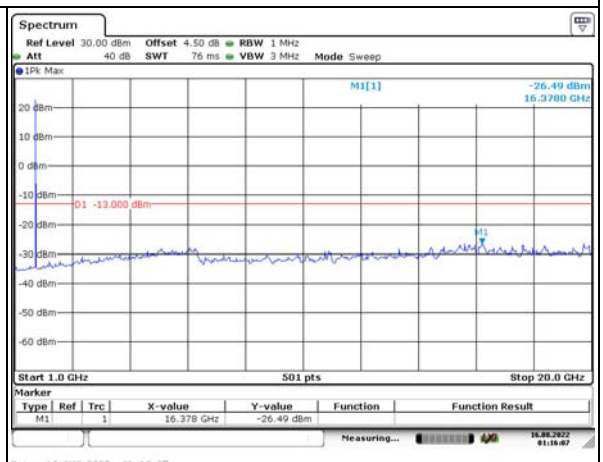
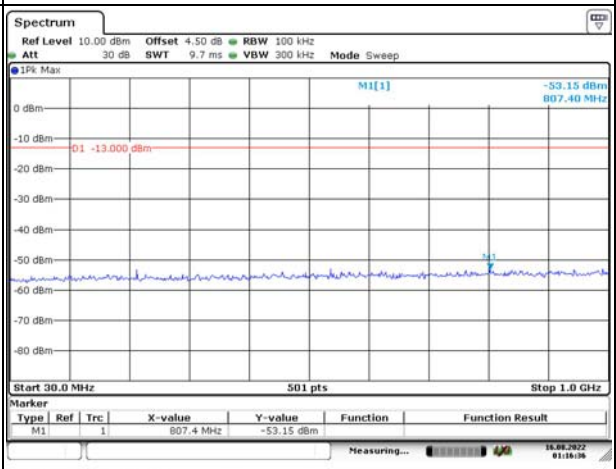
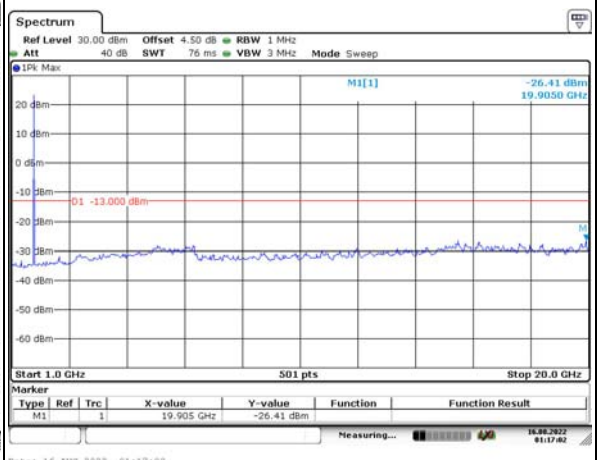
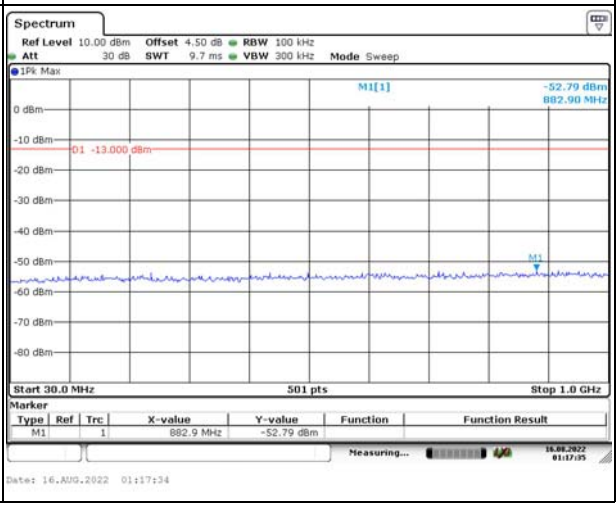
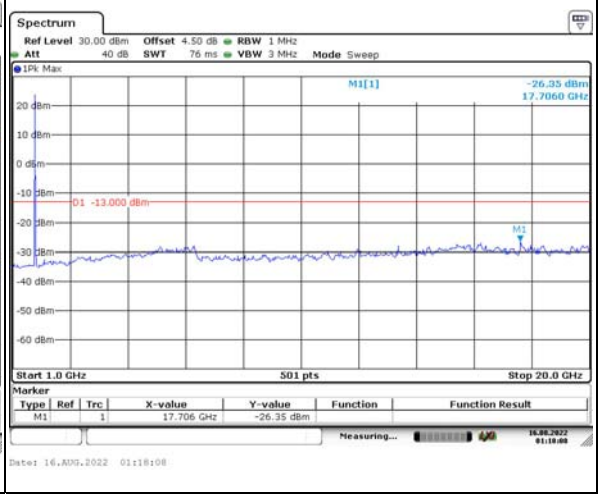
Occupied Bandwidth		
Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

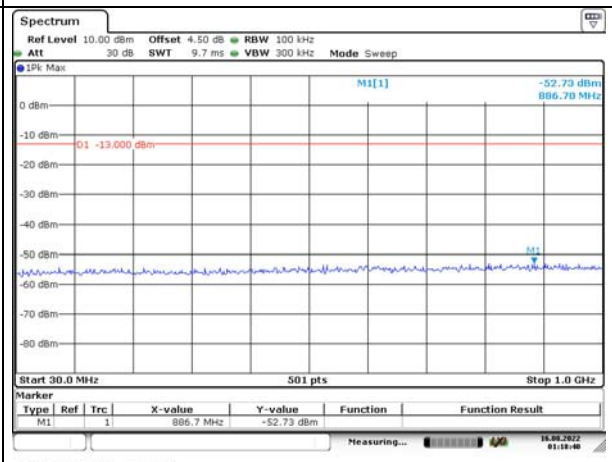
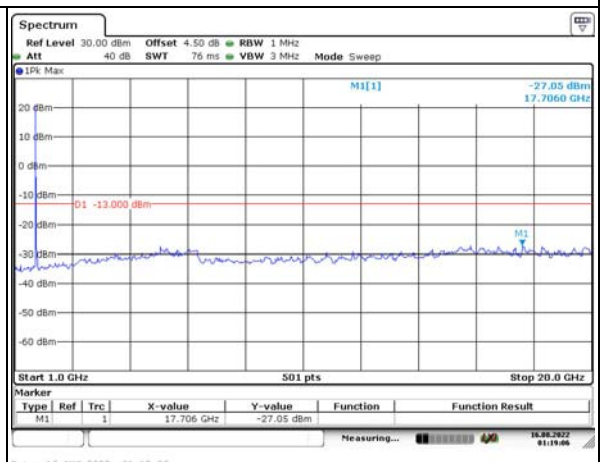
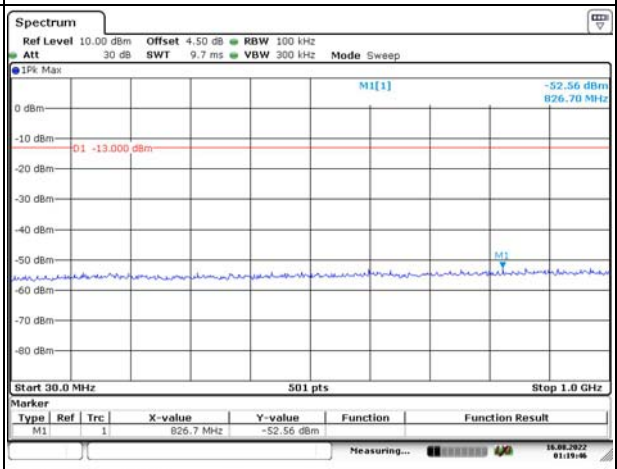
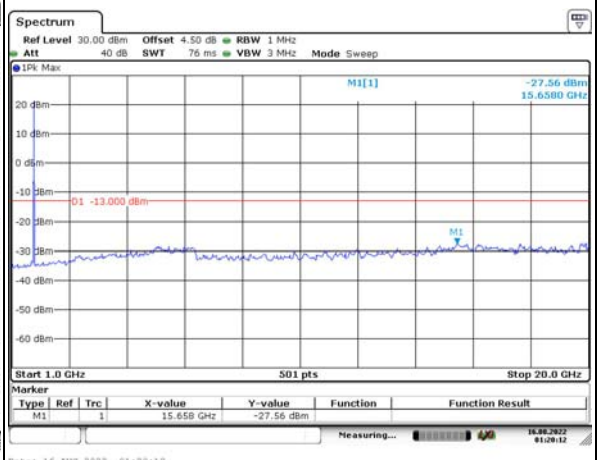
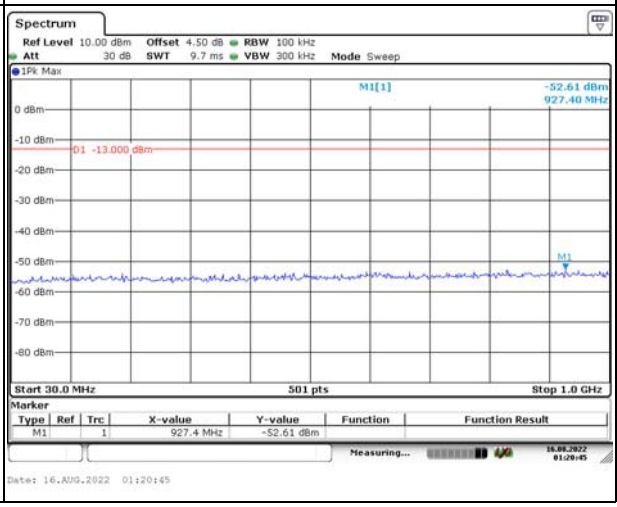
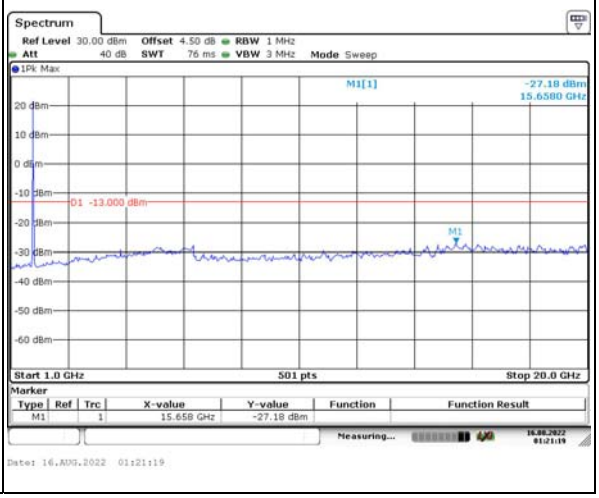
Occupied Bandwidth		
Channel	5MHz Bandwidth QPSK	5MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

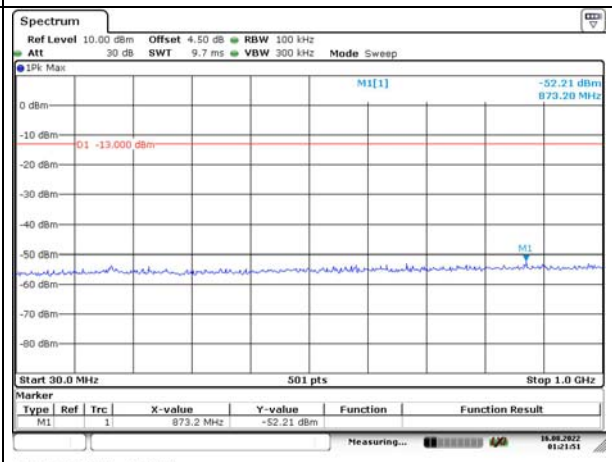
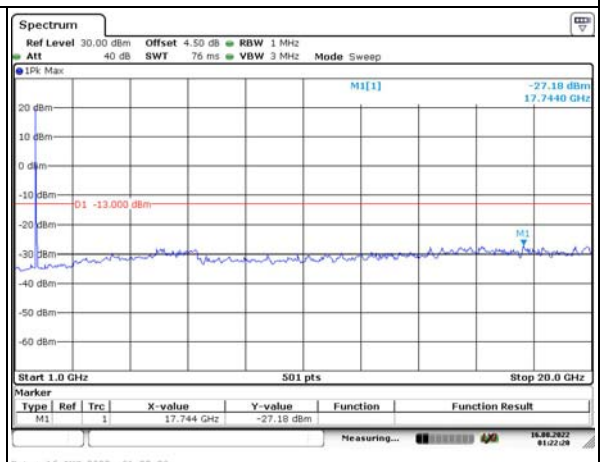
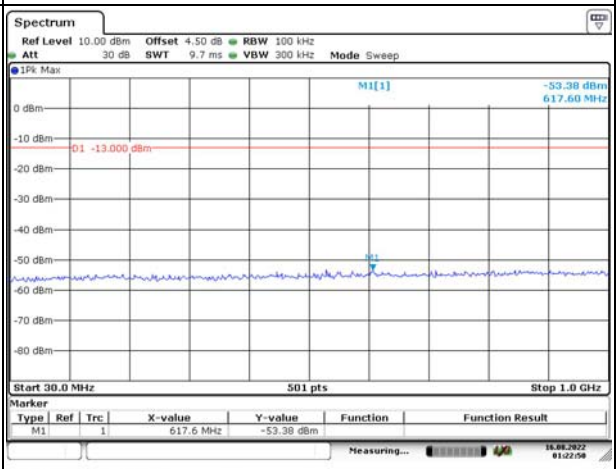
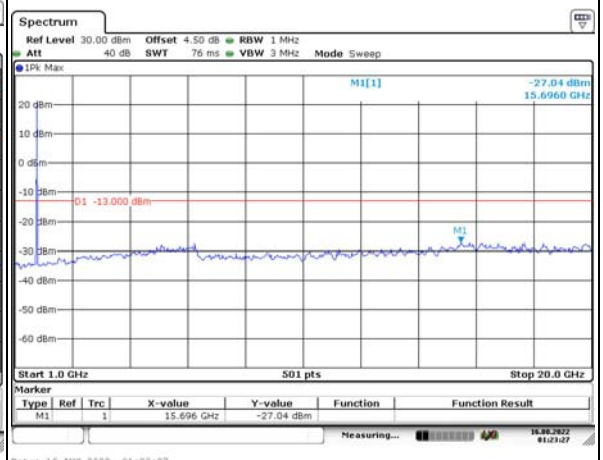
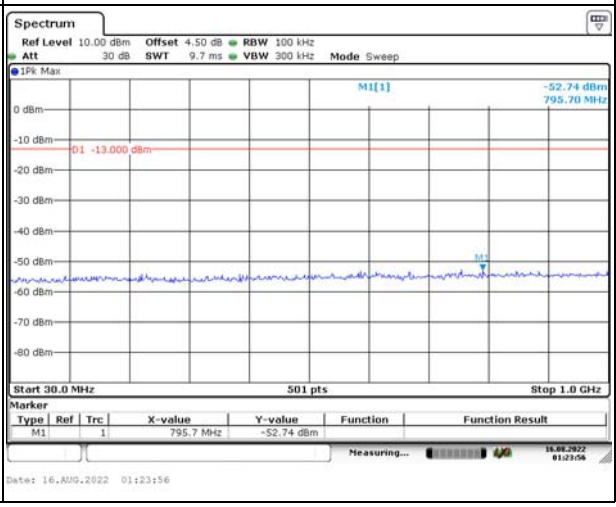
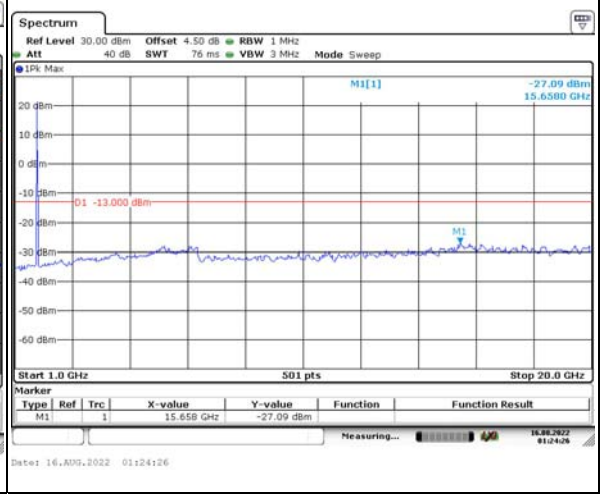
Occupied Bandwidth		
Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

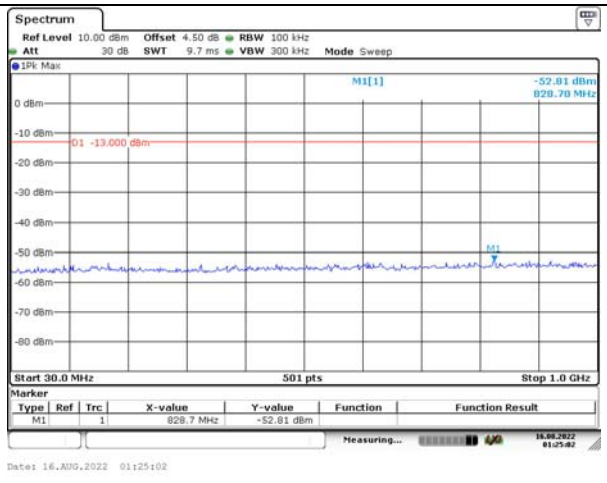
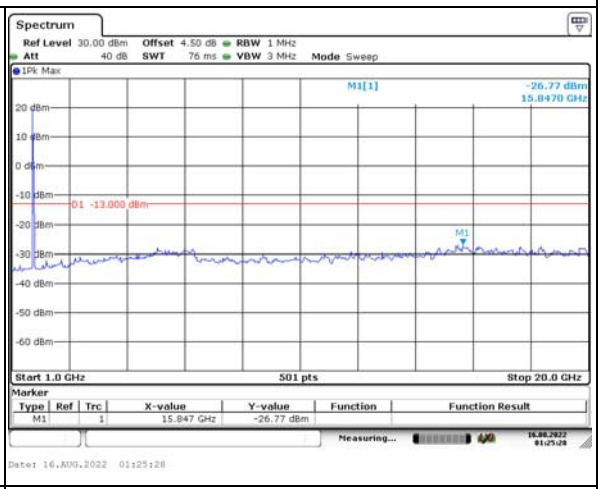
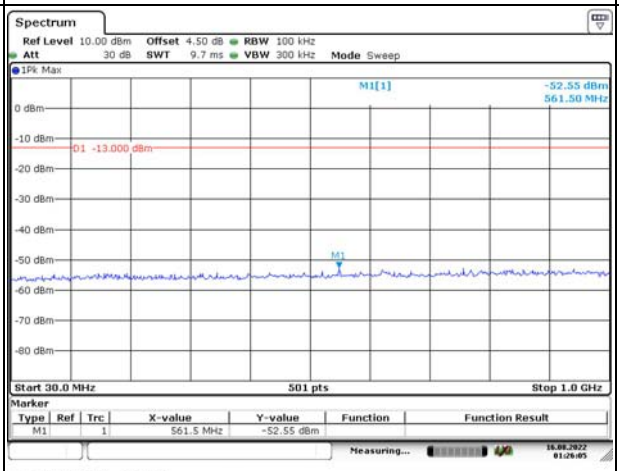
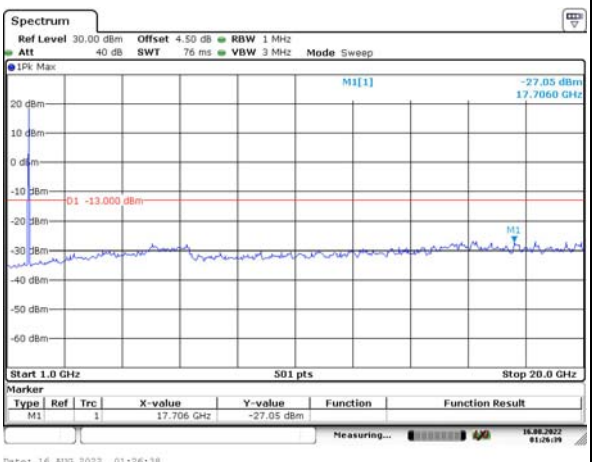
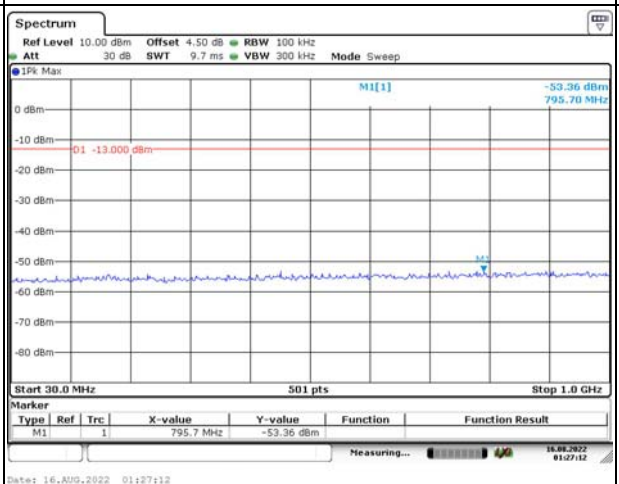
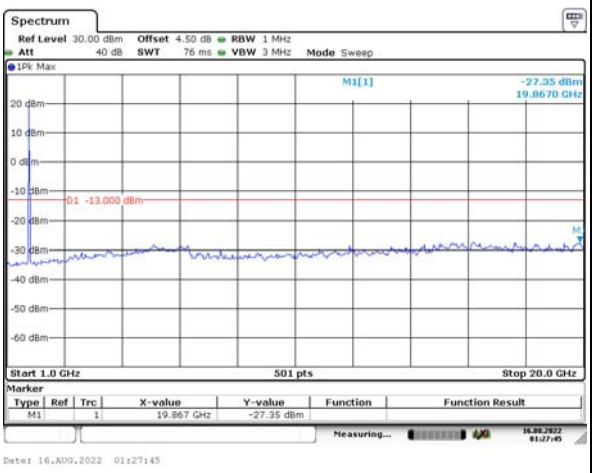
Occupied Bandwidth		
Channel	15MHz Bandwidth QPSK	15MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

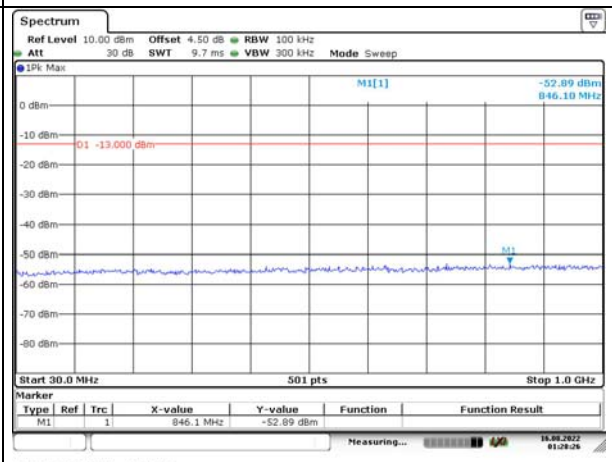
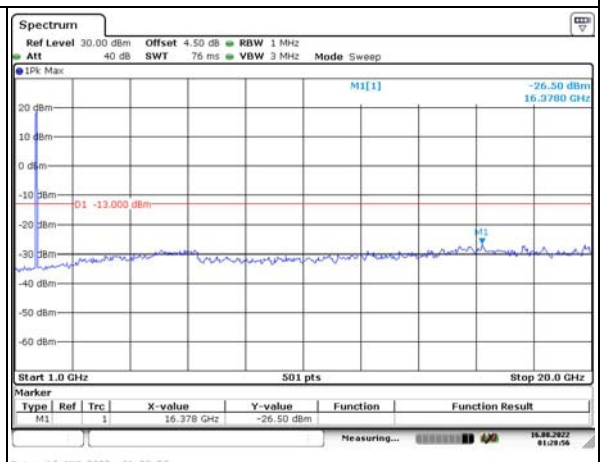
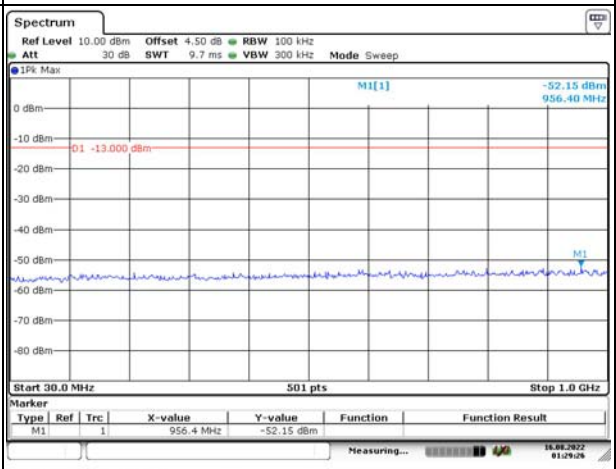
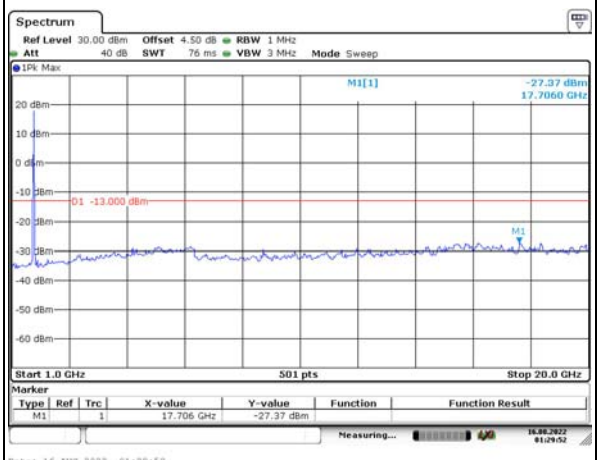
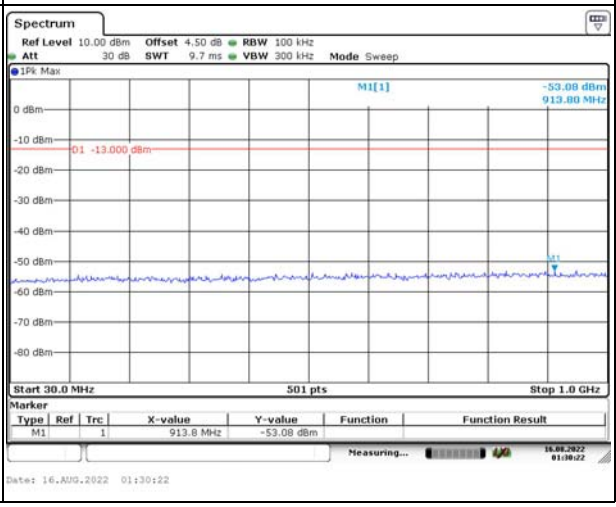
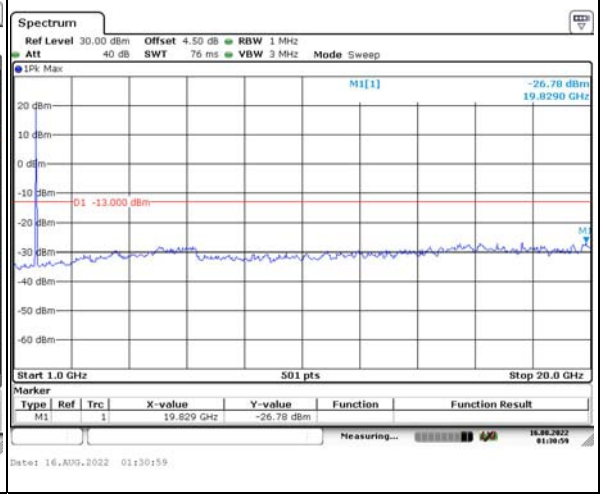
Occupied Bandwidth		
Channel	20MHz Bandwidth QPSK	20MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

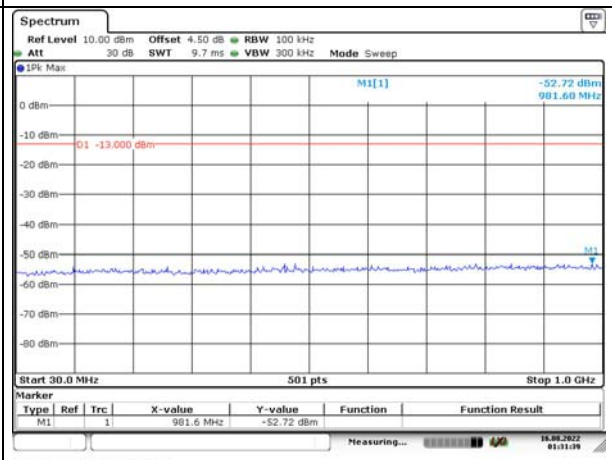
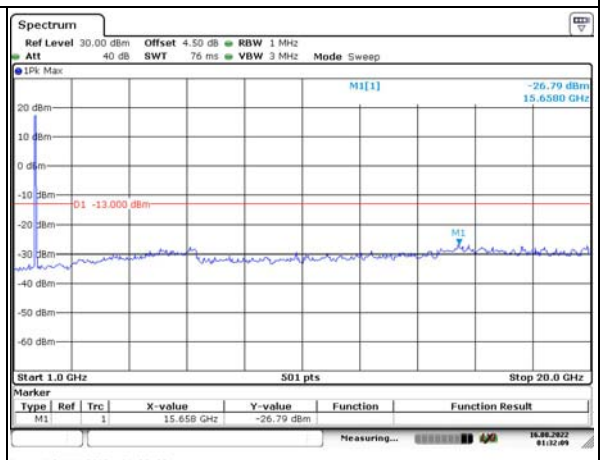
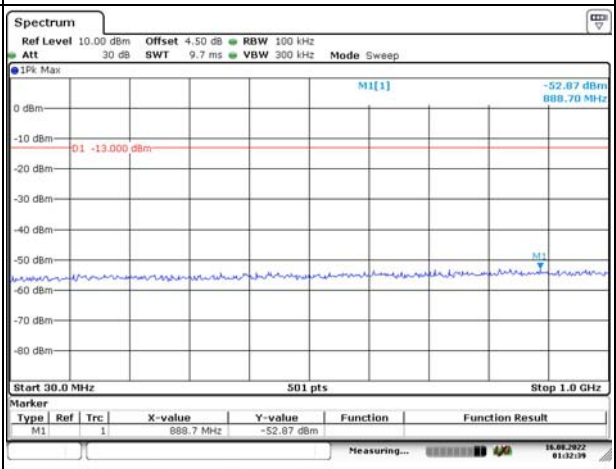
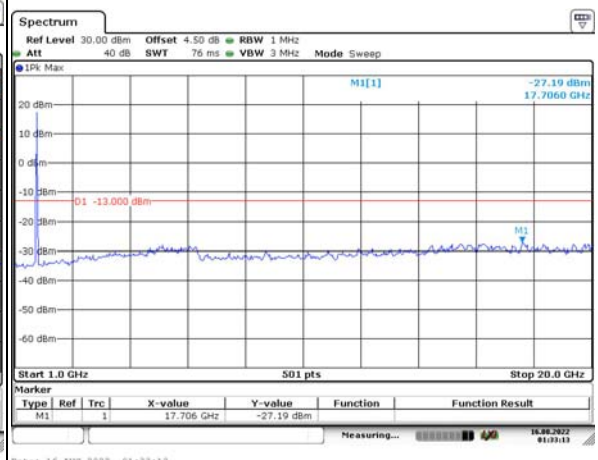
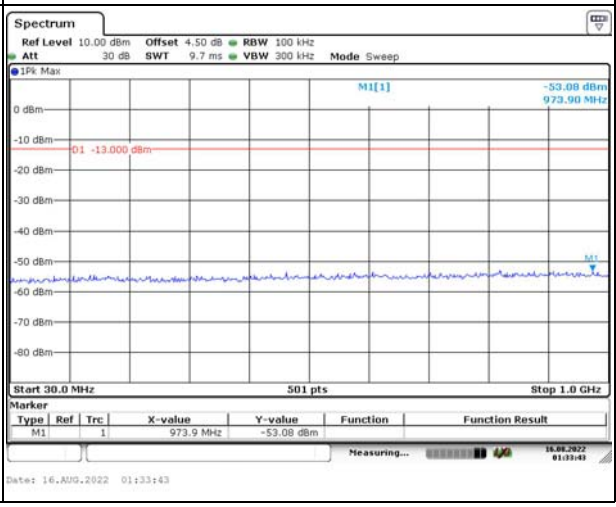
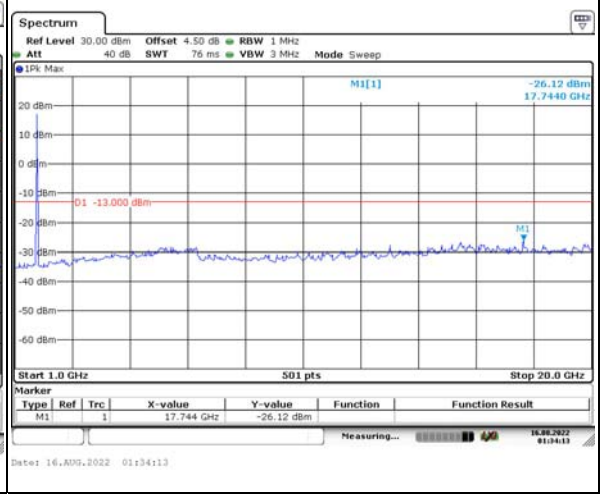
Spurious Emissions at Antenna Terminal		
Channel	**1.4MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

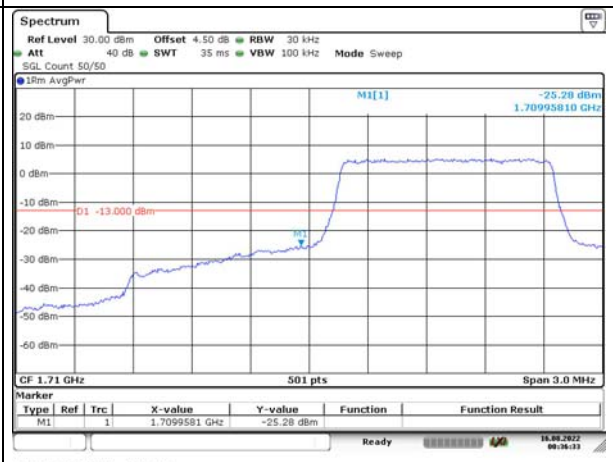
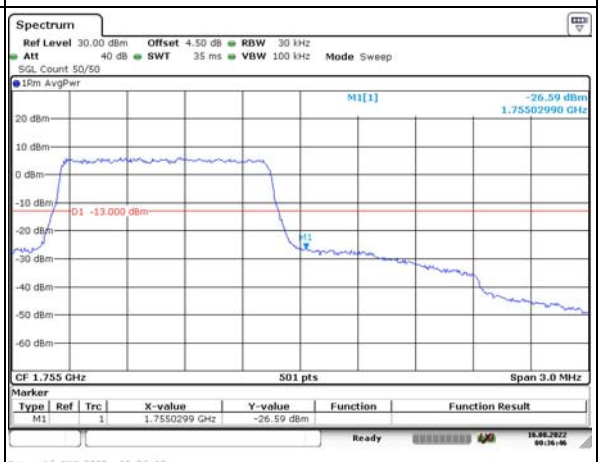
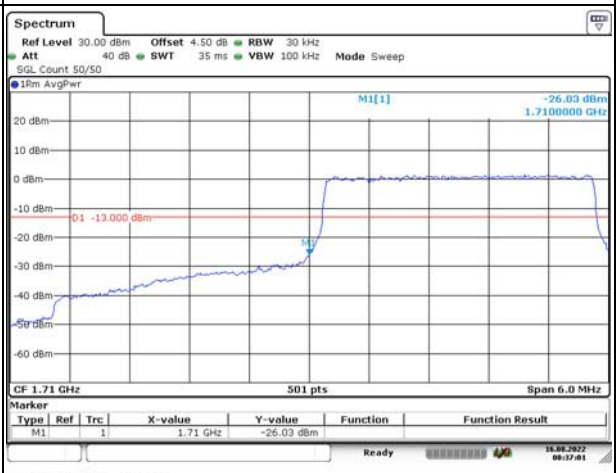
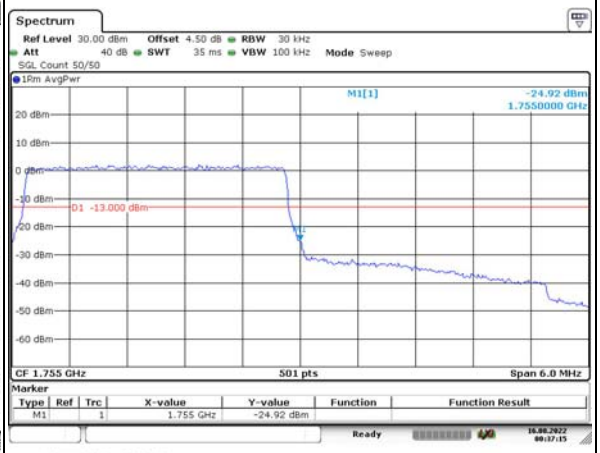
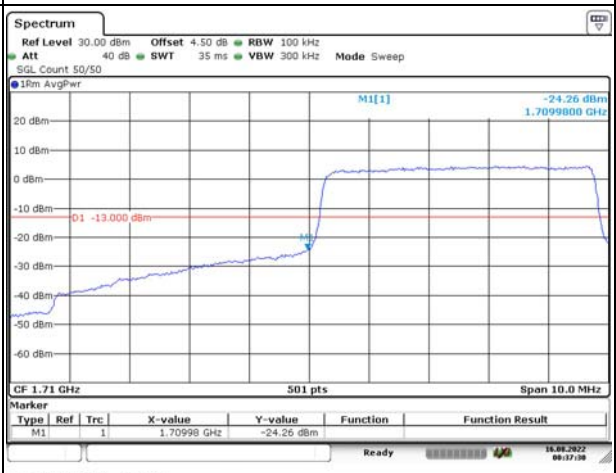
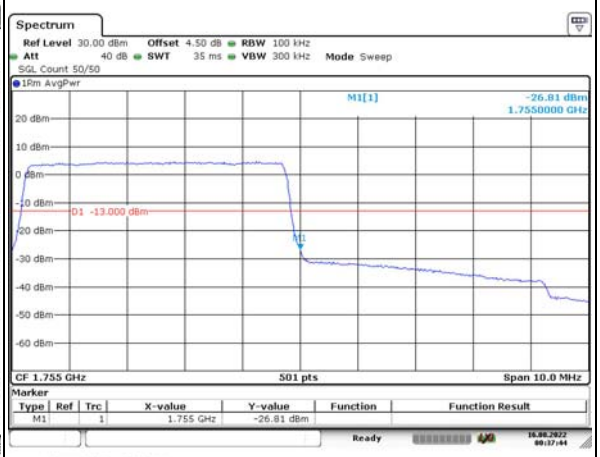
Spurious Emissions at Antenna Terminal		
Channel	**3MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

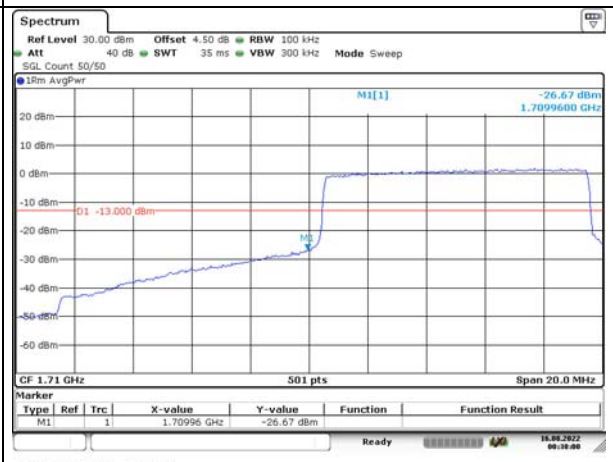
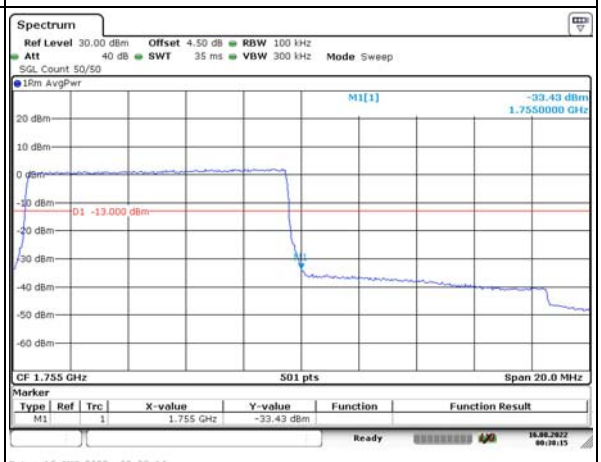
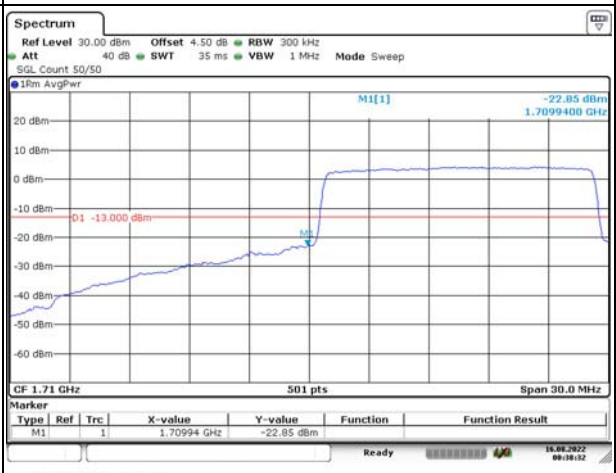
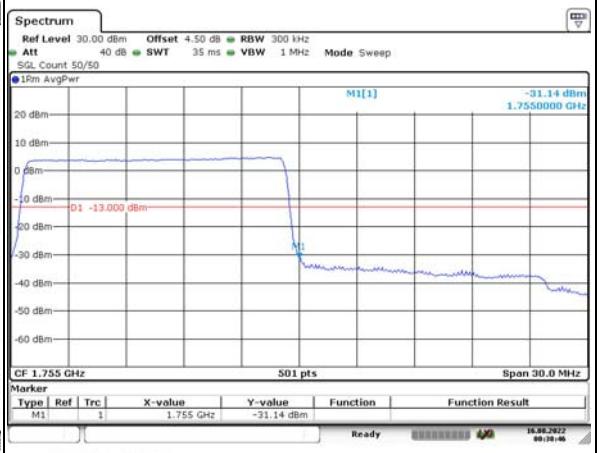
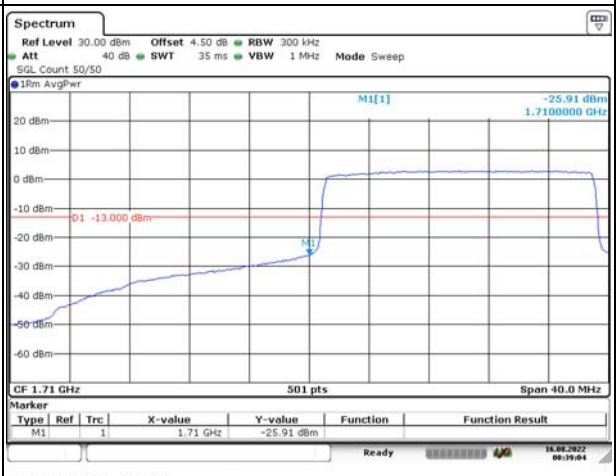
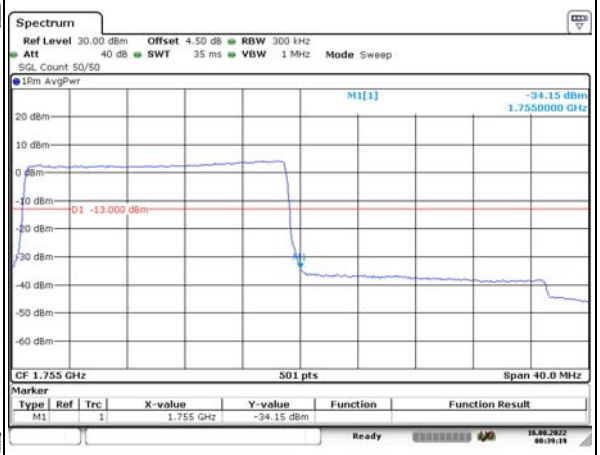
Spurious Emissions at Antenna Terminal		
Channel	**5MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

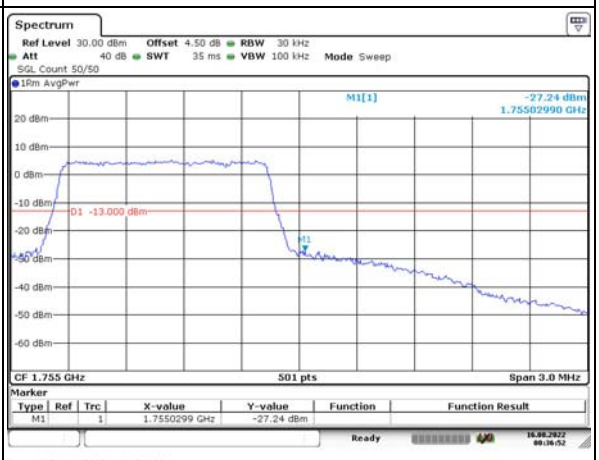
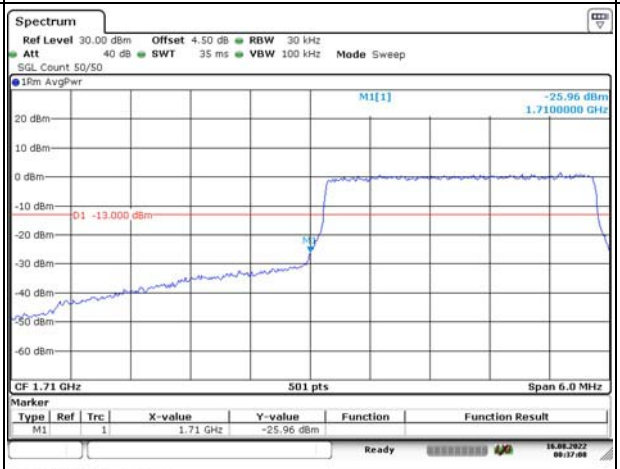
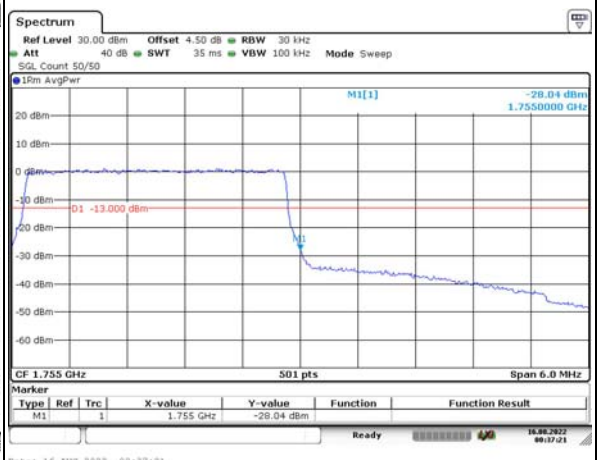
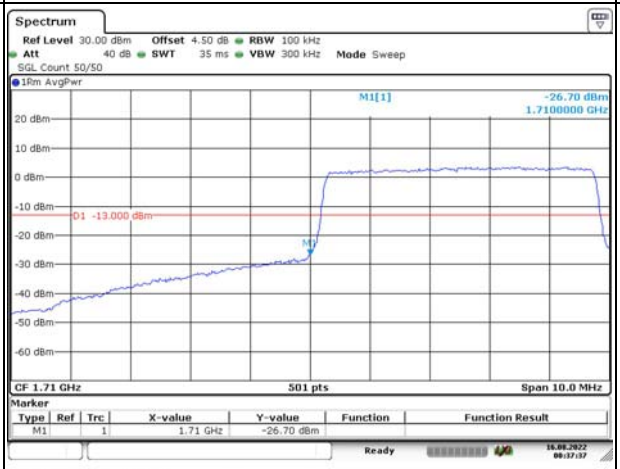
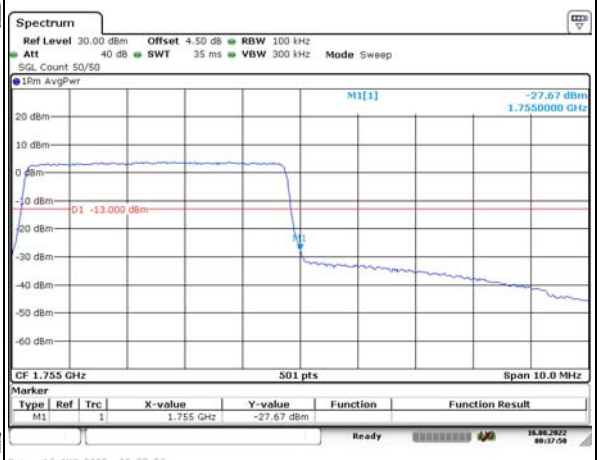
Spurious Emissions at Antenna Terminal		
Channel	**10MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

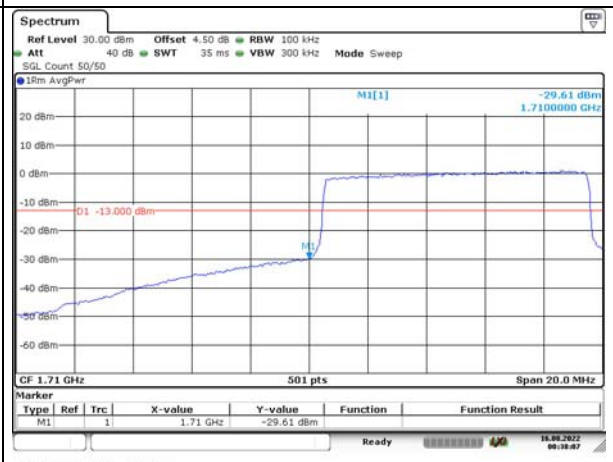
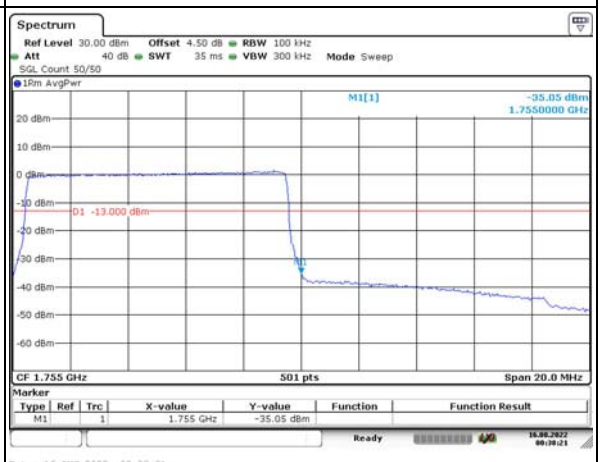
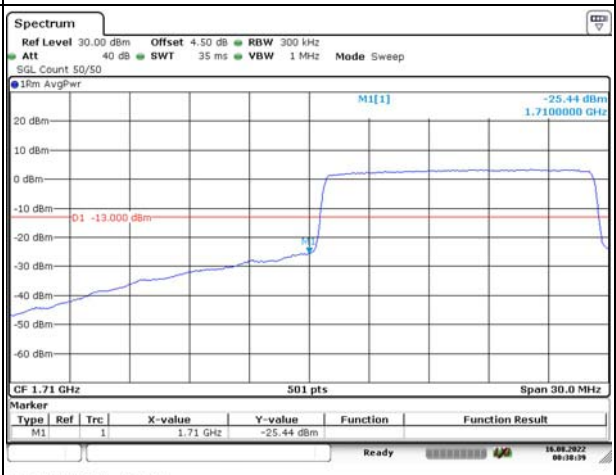
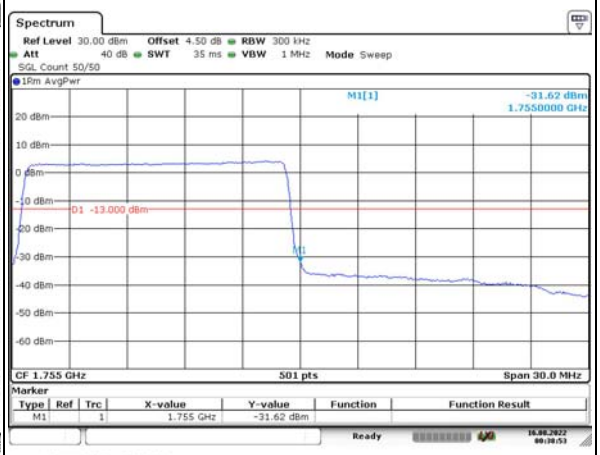
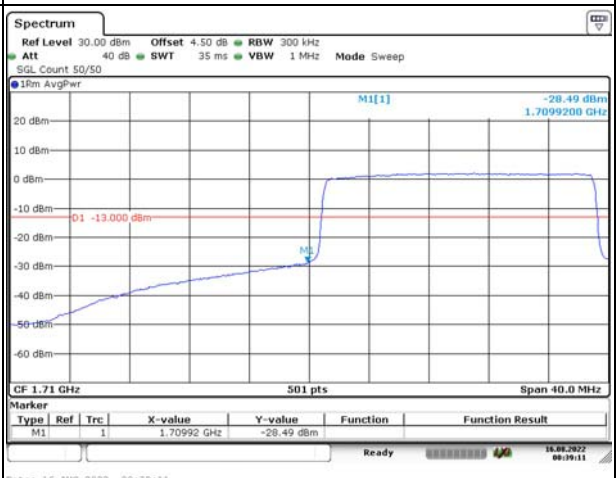
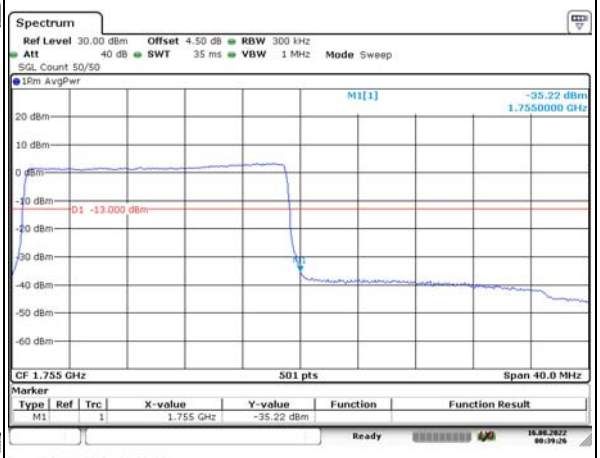
Spurious Emissions at Antenna Terminal		
Channel	**15MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

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		

4.8 Antenna Port Test Data and Results for LTE Band 5

Serial Number:	CR22080013-RF-S1	Test Date:	2022-08-13~2022-08-25
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chen	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	25.1~25.9	Relative Humidity: (%)	52~63	ATM Pressure: (kPa)	99.9~100.8

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
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN751	Each time	N/A
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
Unknown	RF Cable	Unknown	RF Cable 003	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022-07-15	2023-07-14
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	N/A
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022-04-06	2023-04-05

** 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 5▲:					
Antenna Gain (dBi):	0.31	Antenna Gain (dBd):	-1.84	Path Loss L_C (dB):	0.3
Operation Voltage(V_{DC}):					
Lowest:	3.5	Normal:	3.8	Highest:	4.35

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	22.71	22.83	22.99	20.91	38.45
	RB1#3	22.73	22.85	22.77		
	RB1#5	22.76	22.83	22.8		
	RB3#0	22.87	22.97	23.05		
	RB3#3	22.83	22.96	22.91		
	RB6#0	21.83	21.84	21.77		
1.4MHz 16QAM	RB1#0	22.49	22.22	22.89	20.75	38.45
	RB1#3	22.45	22.36	22.44		
	RB1#5	22.5	22.38	22.43		
	RB3#0	21.83	21.97	21.89		
	RB3#3	21.76	22.01	21.53		
	RB6#0	21.08	21.23	20.77		
3MHz QPSK	RB1#0	22.81	22.92	22.95	20.85	38.45
	RB1#8	22.75	22.95	22.99		
	RB1#14	22.76	22.98	22.76		
	RB6#0	21.93	21.85	22.06		
	RB6#9	22.11	21.98	21.72		
	RB15#0	21.88	21.95	22.06		
3MHz 16QAM	RB1#0	22.44	21.56	22.29	20.52	38.45
	RB1#8	22.47	21.64	22.27		
	RB1#14	22.66	21.56	21.88		
	RB6#0	21.12	21.26	21.04		
	RB6#9	21.16	21.27	20.85		
	RB15#0	21.04	21.05	21.1		
5MHz QPSK	RB1#0	22.8	22.88	22.88	20.98	38.45
	RB1#13	22.98	22.8	23.12		
	RB1#24	22.98	22.89	22.85		
	RB15#0	21.9	21.91	21.74		
	RB15#10	22.03	22	22.06		
	RB25#0	22.08	21.93	22.03		
5MHz 16QAM	RB1#0	21.99	21.52	20.92	20.03	38.45
	RB1#13	22.14	21.52	21.2		
	RB1#24	22.17	21.59	21.06		
	RB15#0	21.03	21.1	20.95		
	RB15#10	21.01	21.12	21.1		
	RB25#0	21.09	20.99	21.16		
10MHz QPSK	RB1#0	22.88	22.79	22.81	20.86	38.45
	RB1#25	22.97	22.88	22.75		

	RB1#49	22.99	23	22.84		
	RB25#0	22.02	21.98	21.94		
	RB25#25	21.95	21.93	22.16		
	RB50#0	22.14	21.84	21.95		
10MHz 16QAM	RB1#0	22.01	21.28	22.01	20.04	38.45
	RB1#25	22.18	21.53	21.99		
	RB1#49	22.07	21.44	21.98		
	RB25#0	21.18	21.22	20.93		
	RB25#25	21.02	21.05	21.09		
	RB50#0	21.12	21.06	21.19		
Note: ERP=Conducted Power(dBm) - Cable loss(dB) + Antenna Gain(dBd)						
					Result:	**Pass**

Peak-to-average Ratio(PAR)

Test Bandwidth & Modulation	Resource Block & RB offset	Peak-to-average Ratio(dB)			Limit (dB)
		Lowest Channel	Middle Channel	Highest Channel	
10MHz QPSK	RB1#0	4.46	3.28	3.39	13
	RB50#0	4.49	4.20	4.46	13
10MHz 16QAM	RB1#0	5.54	4.23	4.58	13
	RB50#0	5.48	5.19	5.45	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	1.108	1.102	1.260	1.284	1.284
1.4MHz 16QAM	1.102	1.114	1.096	1.260	1.284	1.266
3MHz QPSK	2.695	2.707	2.707	2.988	3.048	3.012
3MHz 16QAM	2.683	2.695	2.695	3.000	3.024	3.024
5MHz QPSK	4.511	4.511	4.531	5.020	5.020	5.000
5MHz 16QAM	4.531	4.551	4.511	5.020	5.040	5.000
10MHz QPSK	8.942	8.982	8.942	9.760	9.920	9.840
10MHz 16QAM	8.982	8.982	8.942	9.800	9.880	9.760
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.**

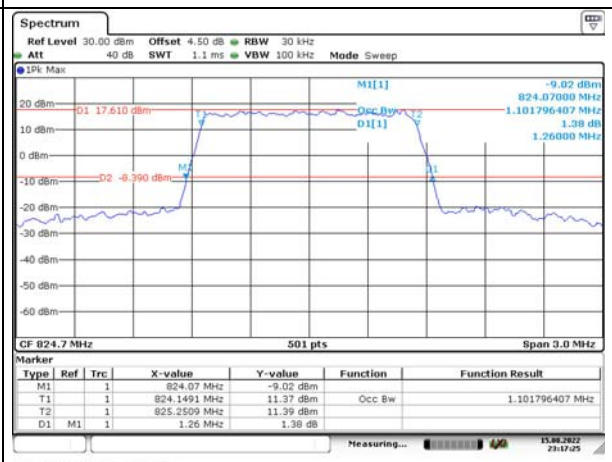
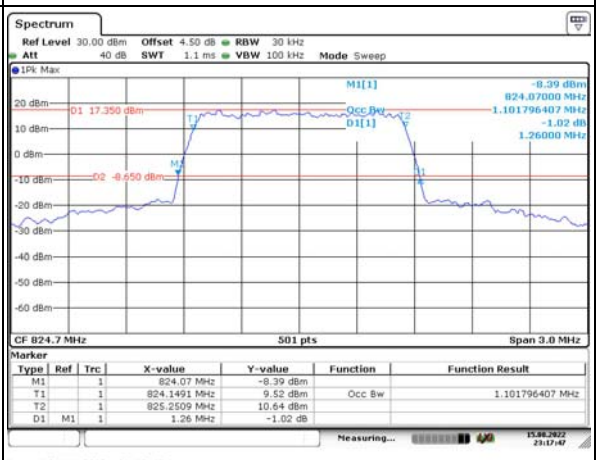
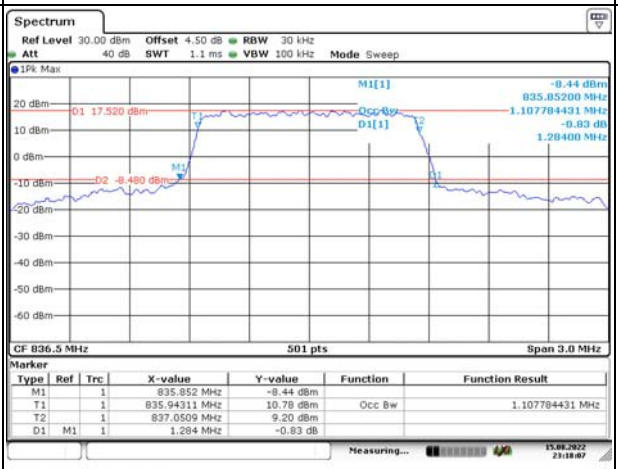
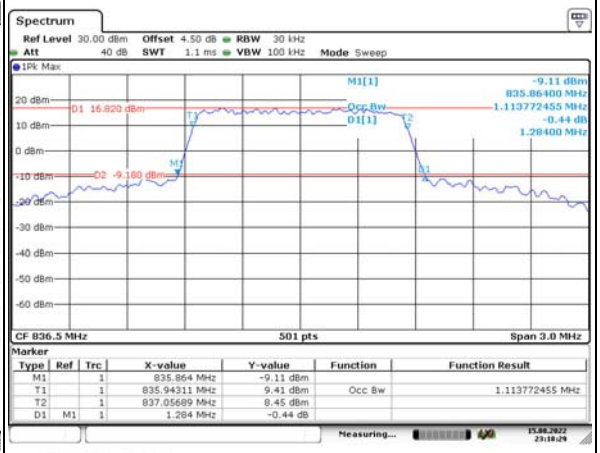
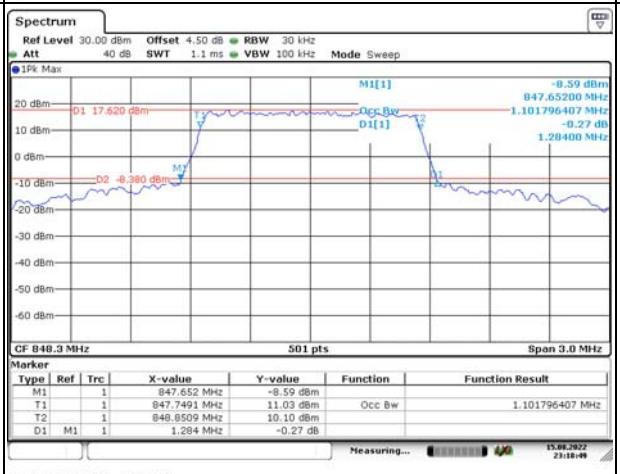
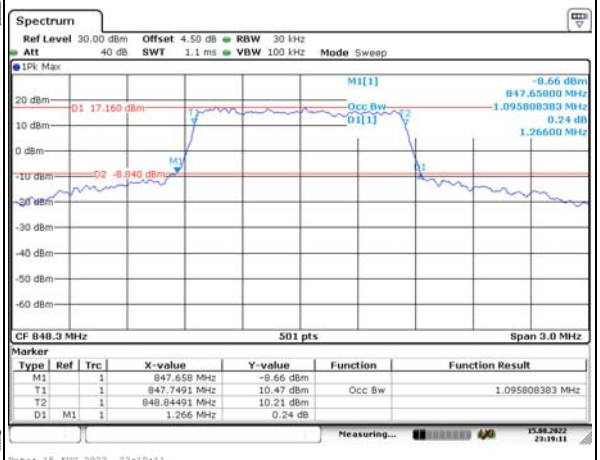
FCC §2.1051, §22.917(a):Out of band emission, Band Edge	
Result:	**Pass, Please refer to the test plots of Out of band emission, Band Edge.**

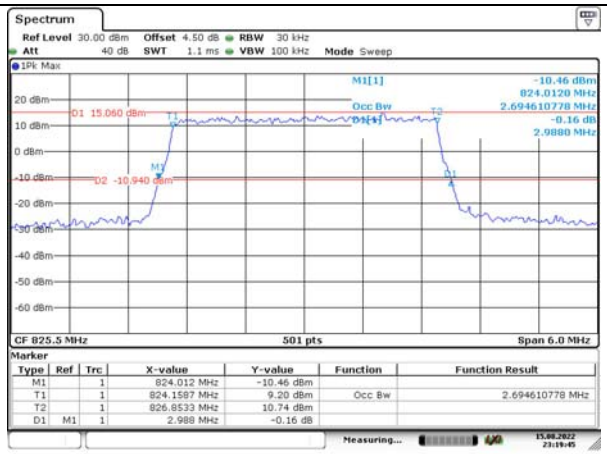
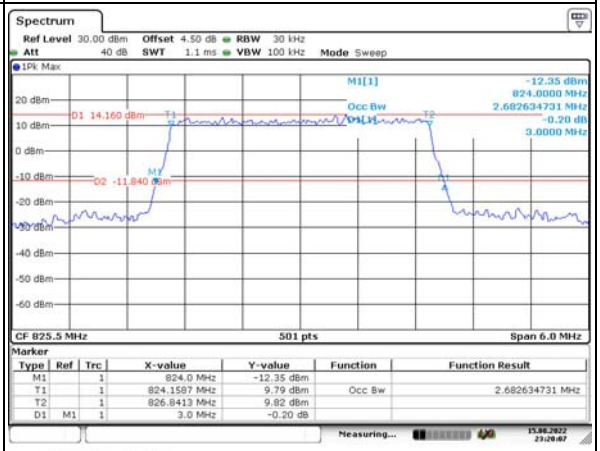
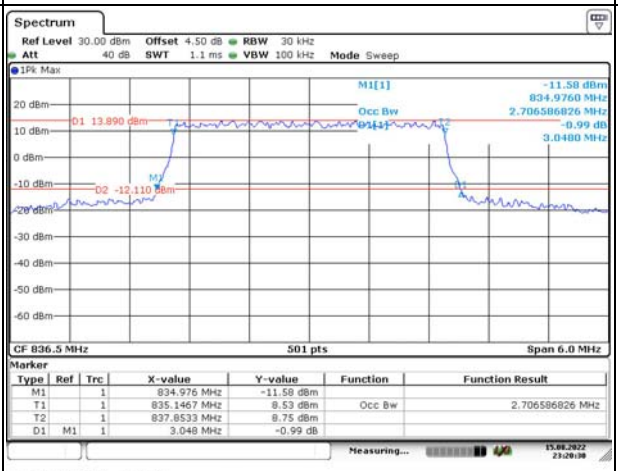
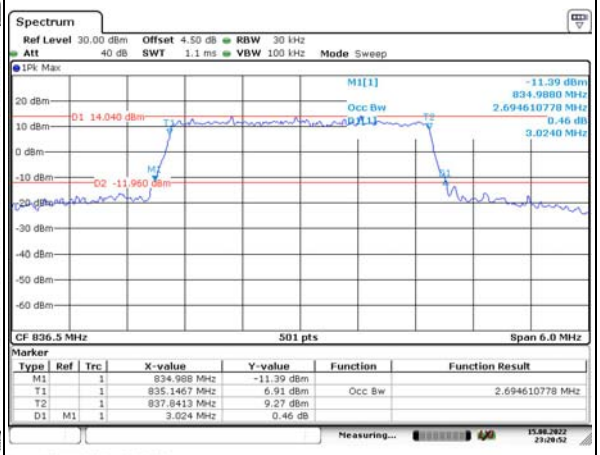
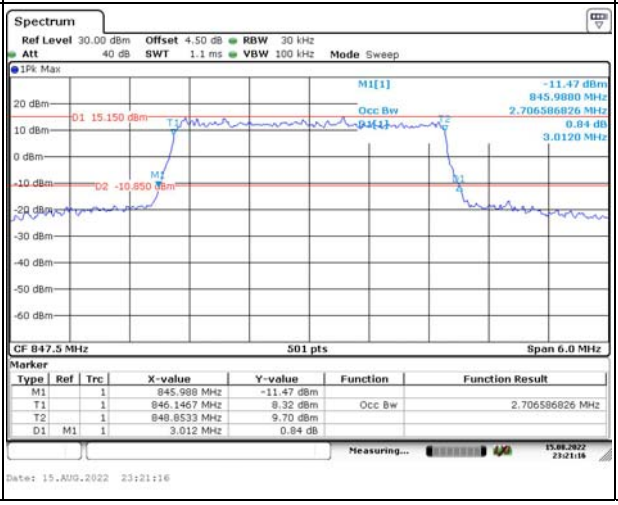
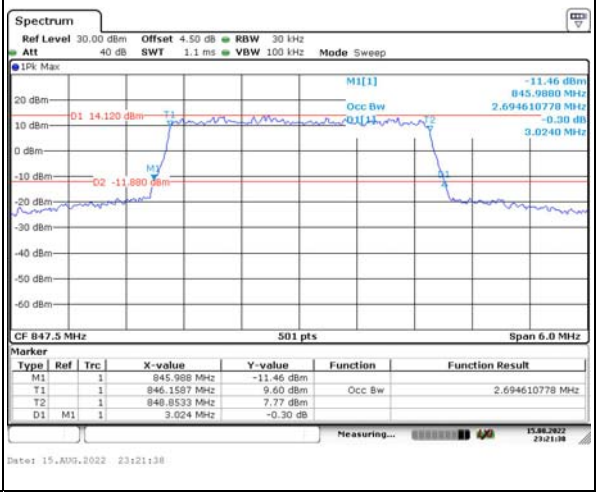
FCC §2.1055, §22.355: Frequency Stability

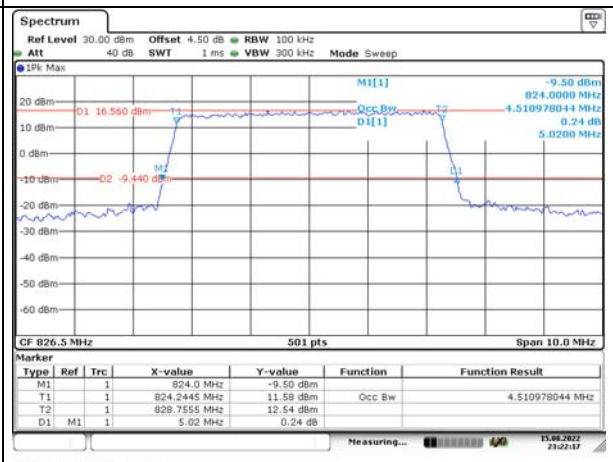
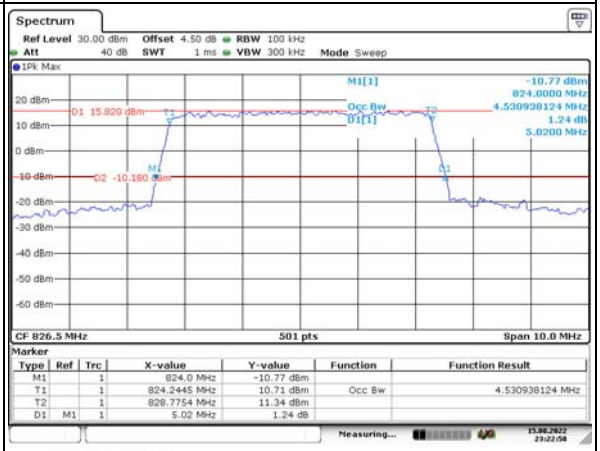
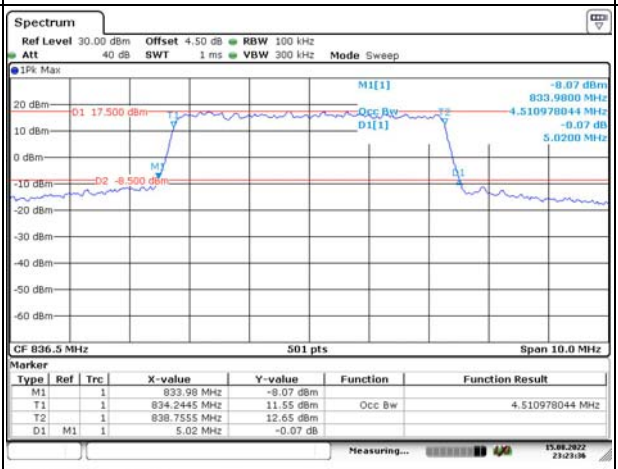
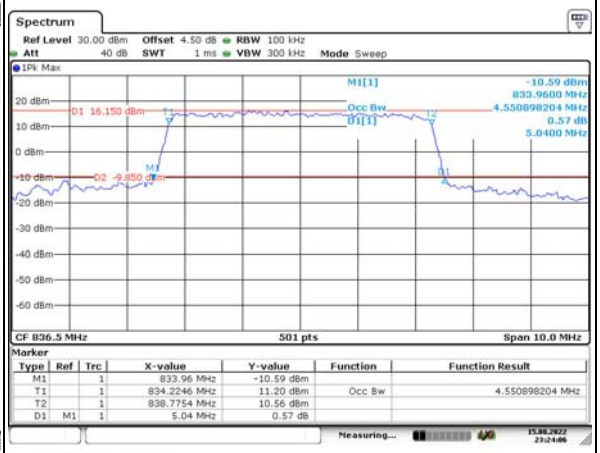
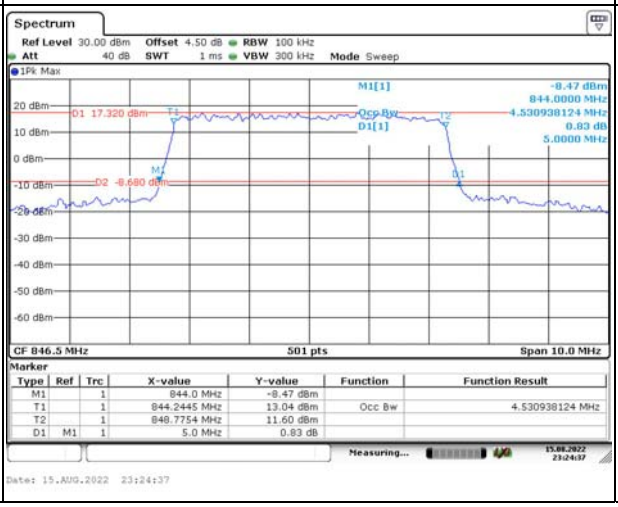
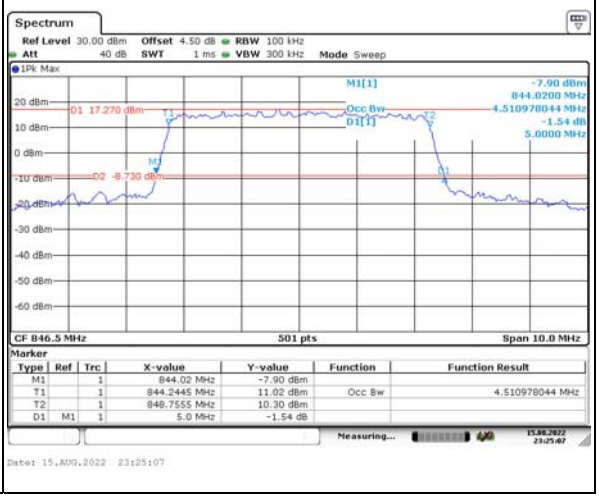
Test Mode:	10 MHz QPSK		Test Channel:	836.5	MHz
Test Item	Temperature (℃)	Voltage (V_{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.8	5.42	0.006	2.5
	-20	3.8	-6.97	-0.008	2.5
	-10	3.8	-5.5	-0.007	2.5
	0	3.8	6.06	0.007	2.5
	10	3.8	9.8	0.012	2.5
	20	3.8	5.03	0.006	2.5
	30	3.8	-6.62	-0.008	2.5
	40	3.8	-8.73	-0.010	2.5
	50	3.8	-7.05	-0.008	2.5
Frequency Stability vs. Voltage	20	3.5	8.99	0.011	2.5
	20	4.35	-7.17	-0.009	2.5
				Result:	**Pass**

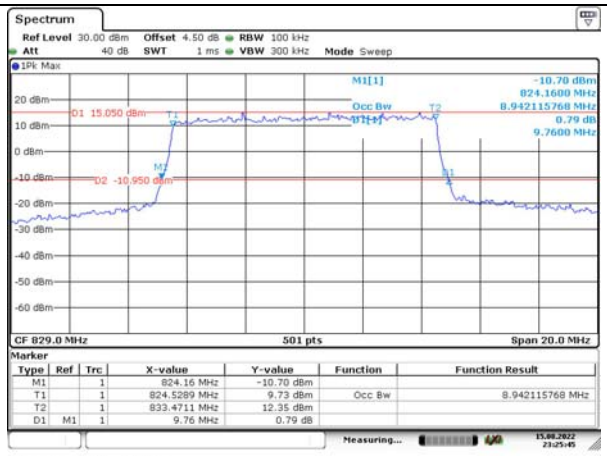
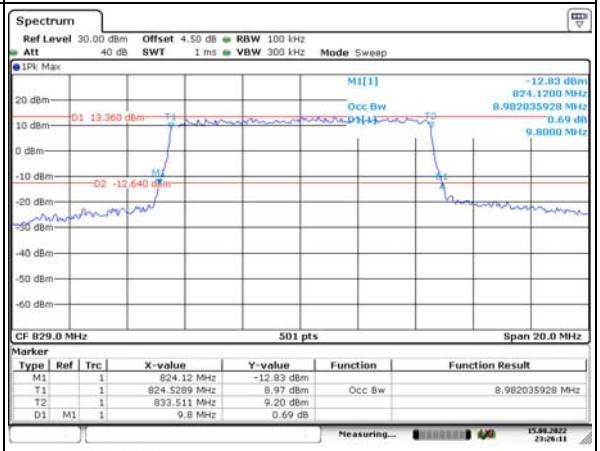
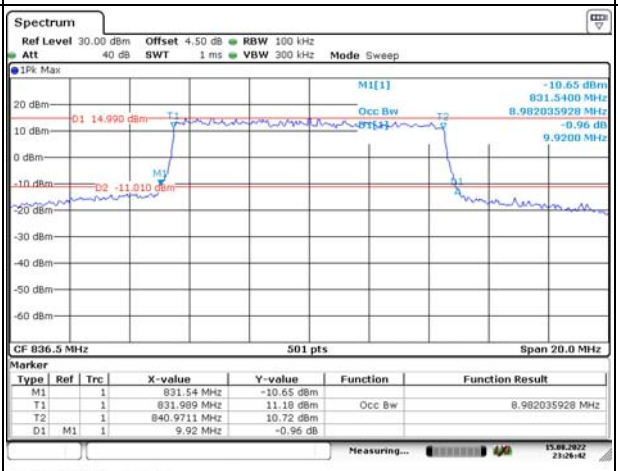
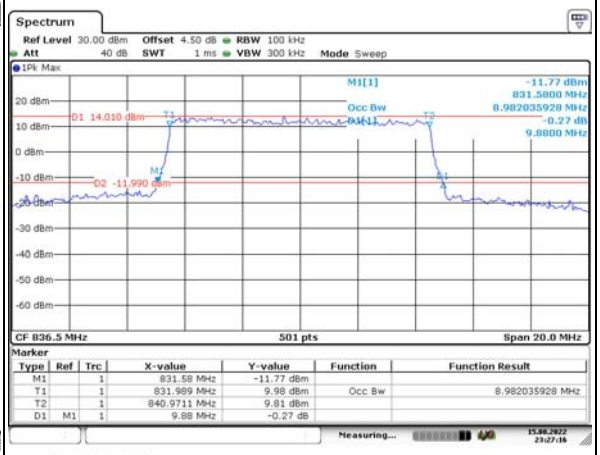
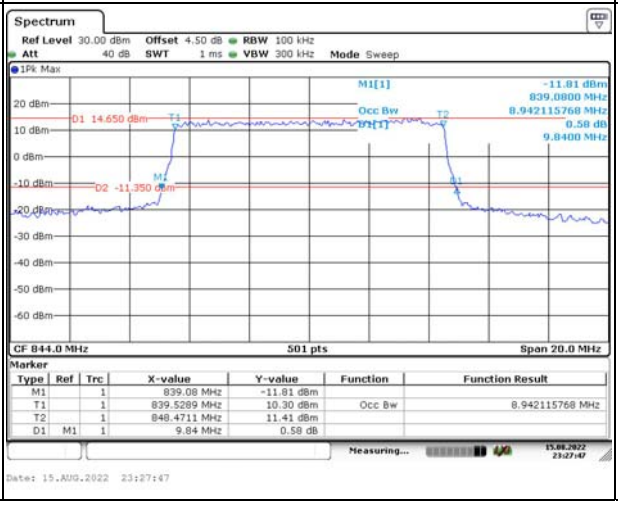
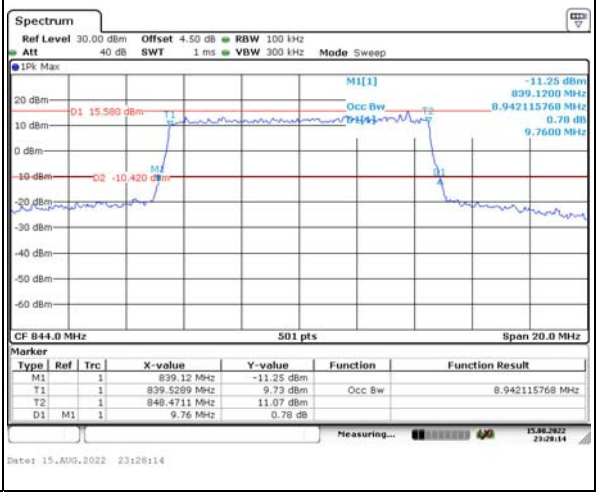
Test Mode:	10 MHz 16QAM		Test Channel:	836.5	MHz
Test Item	Temperature (℃)	Voltage (V_{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.8	2.06	0.002	2.5
	-20	3.8	8.1	0.010	2.5
	-10	3.8	-8.59	-0.010	2.5
	0	3.8	9.33	0.011	2.5
	10	3.8	-6.94	-0.008	2.5
	20	3.8	7.54	0.009	2.5
	30	3.8	6.43	0.008	2.5
	40	3.8	-6.17	-0.007	2.5
	50	3.8	-6.44	-0.008	2.5
Frequency Stability vs. Voltage	20	3.5	6.34	0.008	2.5
	20	4.35	-6.89	-0.008	2.5
				Result:	**Pass**

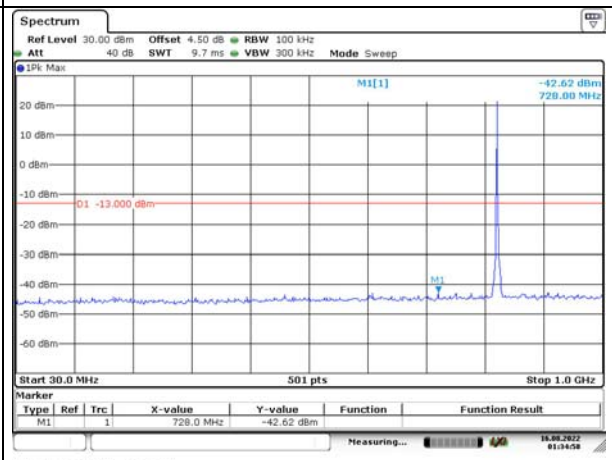
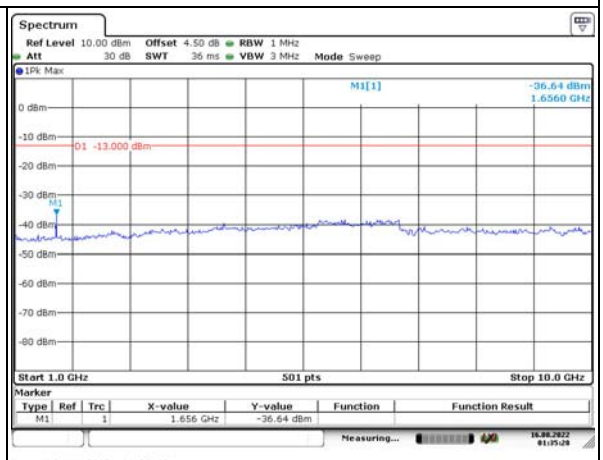
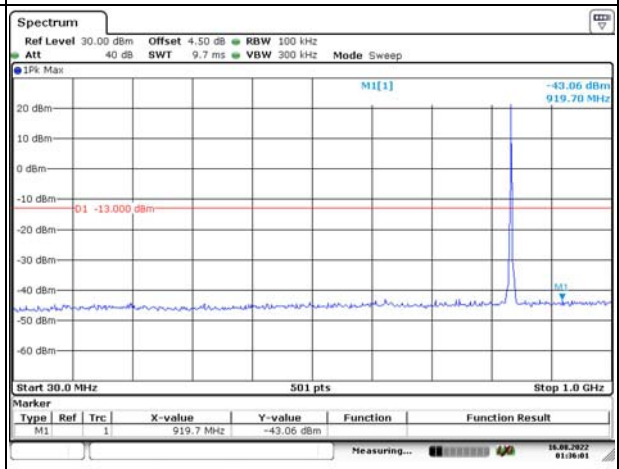
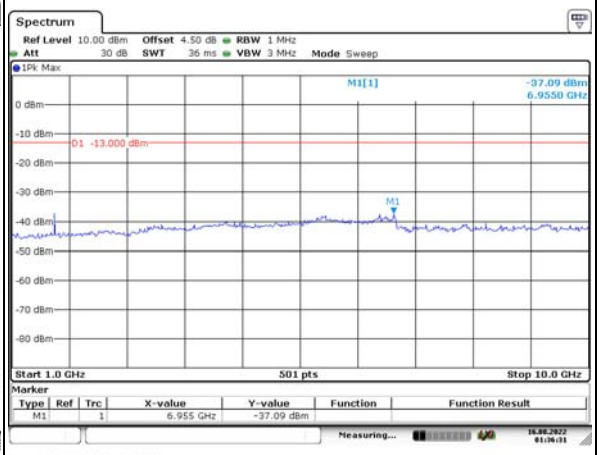
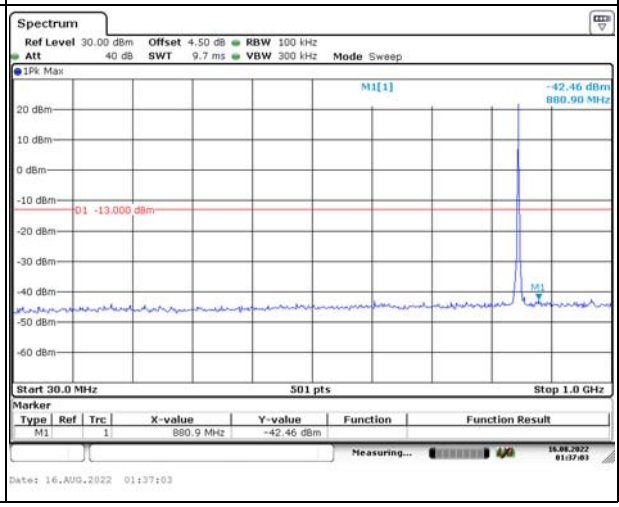
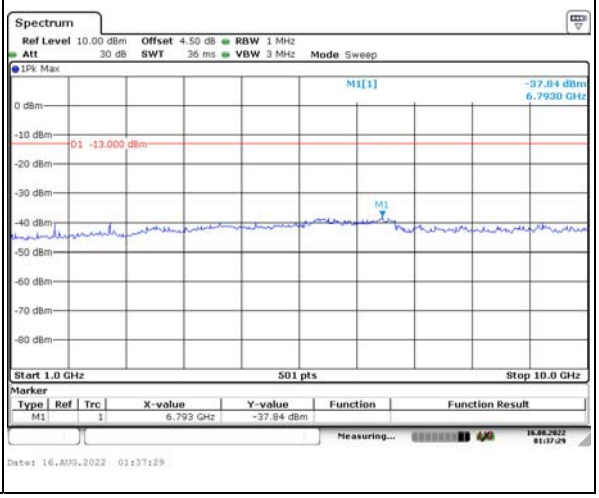
Test Plots:

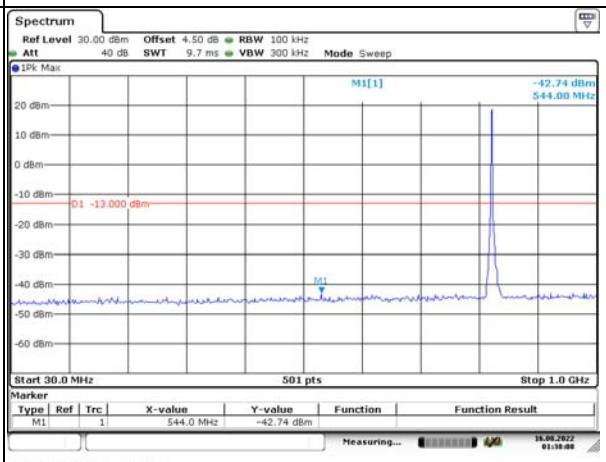
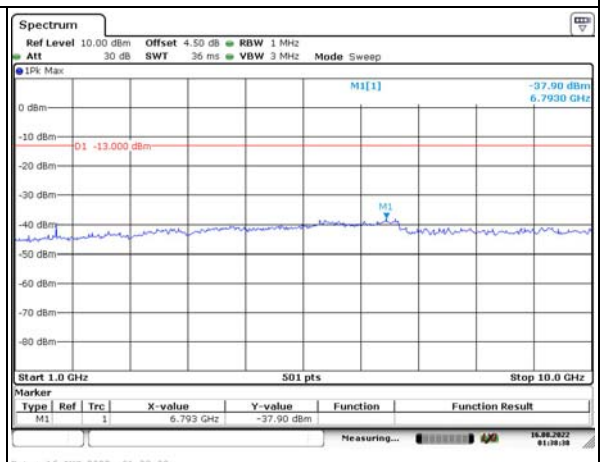
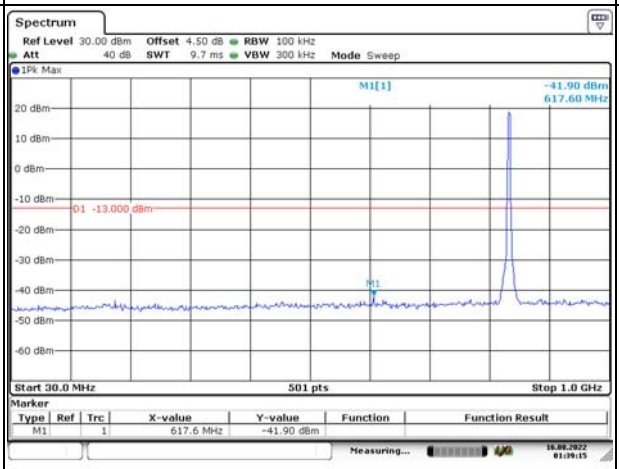
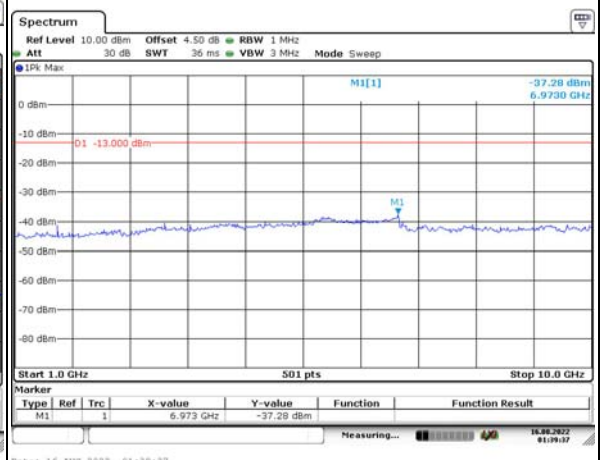
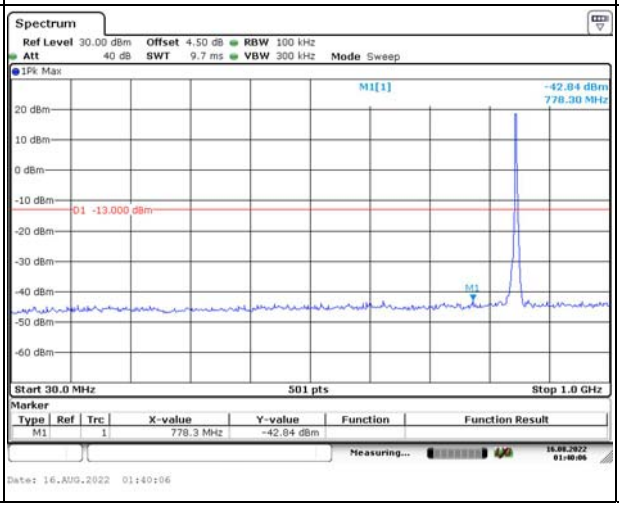
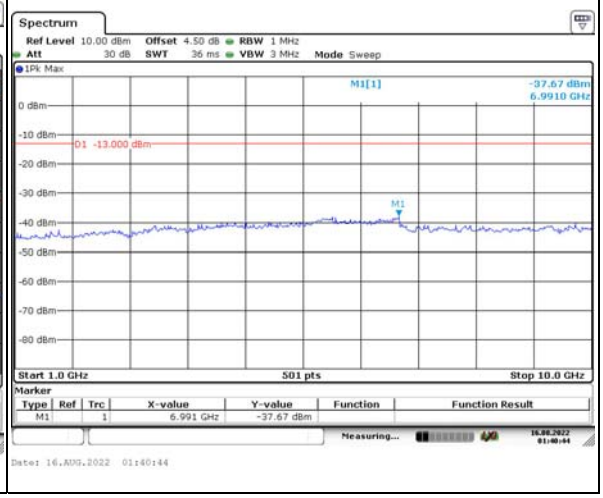
Occupied Bandwidth		
Channel	1.4MHz Bandwidth QPSK	1.4MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

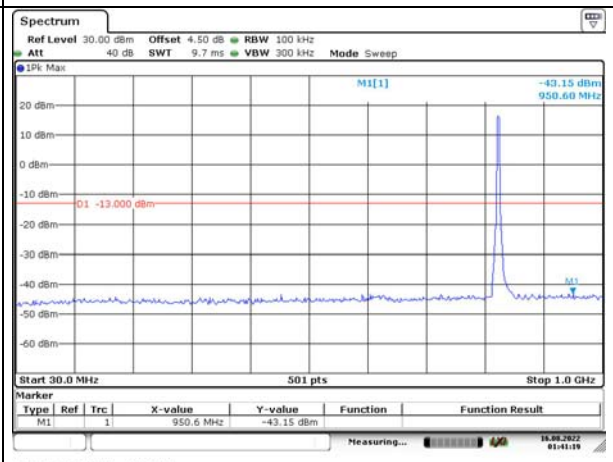
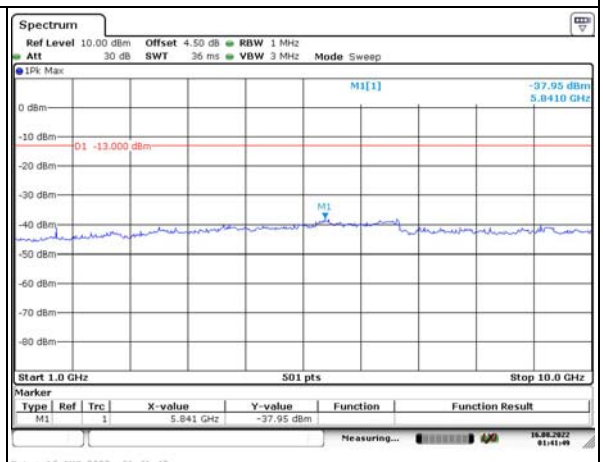
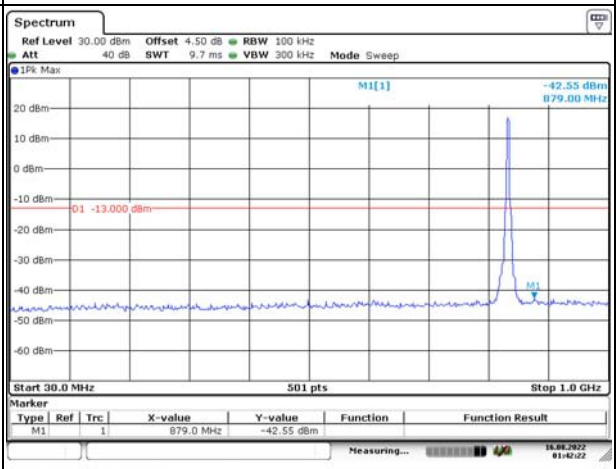
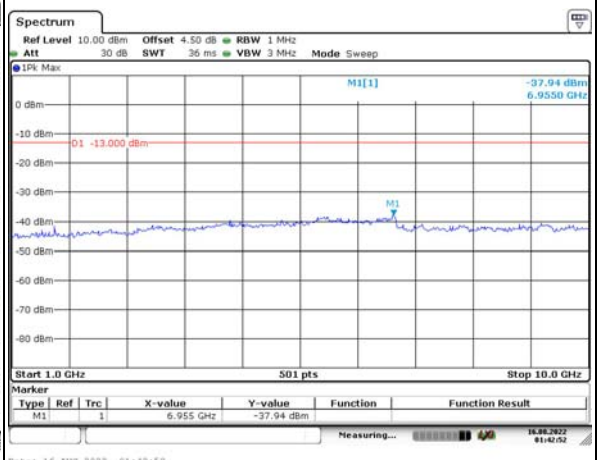
Occupied Bandwidth		
Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

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

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

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