

1. Conducted Output Power

Test Result

LTE Band 5 - 1.4MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	19.23	22.79	22.95	38.45	PASS
		2	19.09	23.00	23.02	38.45	PASS
		5	18.59	22.89	22.92	38.45	PASS
	3	0	19.16	22.80	23.17	38.45	PASS
		2	18.90	22.98	23.11	38.45	PASS
		3	18.73	22.98	23.02	38.45	PASS
16QAM	6	0	17.93	21.95	22.08	38.45	PASS
		0	18.32	22.00	22.12	38.45	PASS
		2	18.13	22.18	22.16	38.45	PASS
	1	5	17.72	22.19	21.93	38.45	PASS
		0	18.29	21.91	22.45	38.45	PASS
		2	18.00	22.05	22.38	38.45	PASS
	3	3	17.88	22.08	22.30	38.45	PASS
		0	16.92	20.94	21.10	38.45	PASS
		0	16.92	20.94	21.10	38.45	PASS

LTE Band 5 - 3MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	19.17	22.65	26.54	38.45	PASS
		7	18.43	23.01	26.47	38.45	PASS
		14	17.59	23.08	26.18	38.45	PASS
	8	0	17.79	21.80	25.45	38.45	PASS
		4	17.33	22.01	25.41	38.45	PASS
		7	16.97	22.08	25.27	38.45	PASS
16QAM	15	0	17.93	21.97	25.36	38.45	PASS
		0	18.48	22.28	22.49	38.45	PASS
		7	17.65	22.76	22.46	38.45	PASS
	1	14	16.79	22.86	22.09	38.45	PASS
		0	16.78	20.99	21.43	38.45	PASS
		4	16.37	21.24	21.41	38.45	PASS
	8	7	15.97	21.32	21.30	38.45	PASS
		0	16.33	21.10	21.34	38.45	PASS
		0	16.33	21.10	21.34	38.45	PASS

LTE Band 5 - 5MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH			
QPSK	1	0	23.12	26.24	26.65	38.45	PASS	
		13	21.99	26.71	26.53	38.45	PASS	
		24	22.76	26.73	26.20	38.45	PASS	
	12	0	21.53	25.53	25.75	38.45	PASS	
		6	21.17	25.75	25.66	38.45	PASS	
		13	21.25	25.72	25.42	38.45	PASS	
	25	0	21.39	25.61	25.59	38.45	PASS	
	16QAM	1	0	18.11	25.63	25.61	38.45	PASS
			13	16.71	26.04	25.53	38.45	PASS
24			17.25	26.04	25.15	38.45	PASS	
12		0	16.28	24.60	24.75	38.45	PASS	
		6	20.20	24.81	24.65	38.45	PASS	
		13	20.20	24.77	24.42	38.45	PASS	
25		0	20.41	24.63	24.65	38.45	PASS	

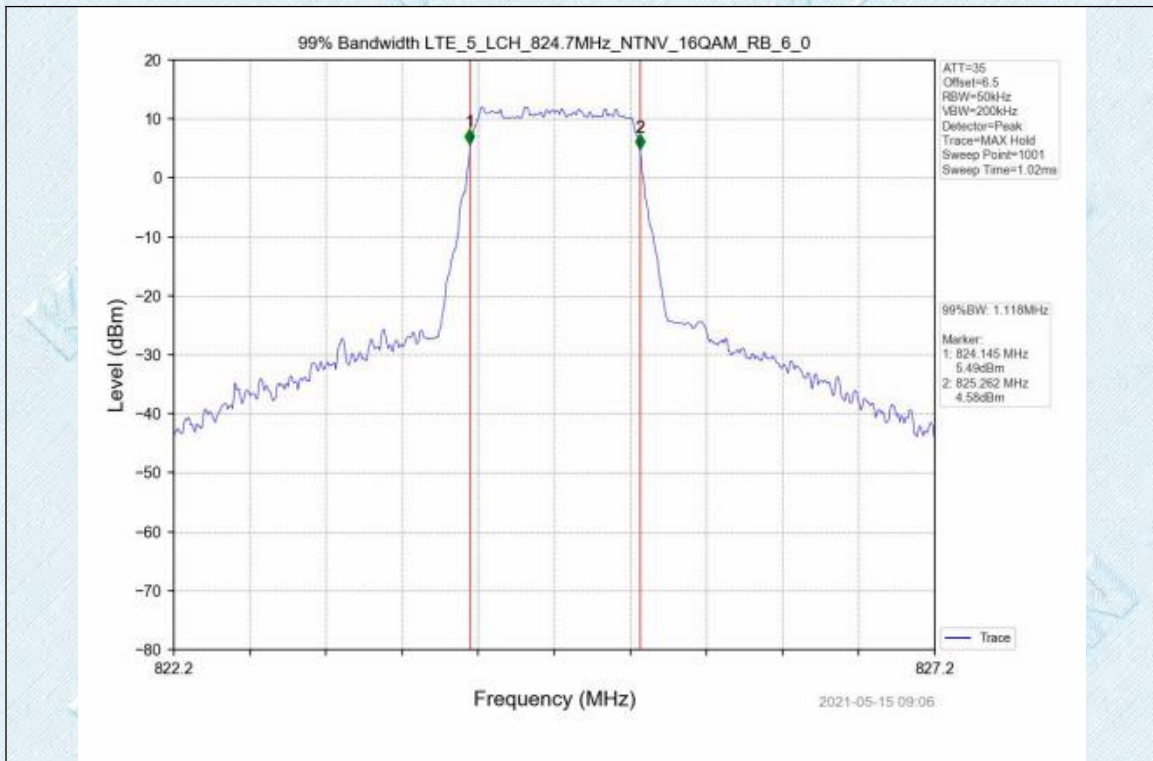
LTE Band 5 - 10MHz

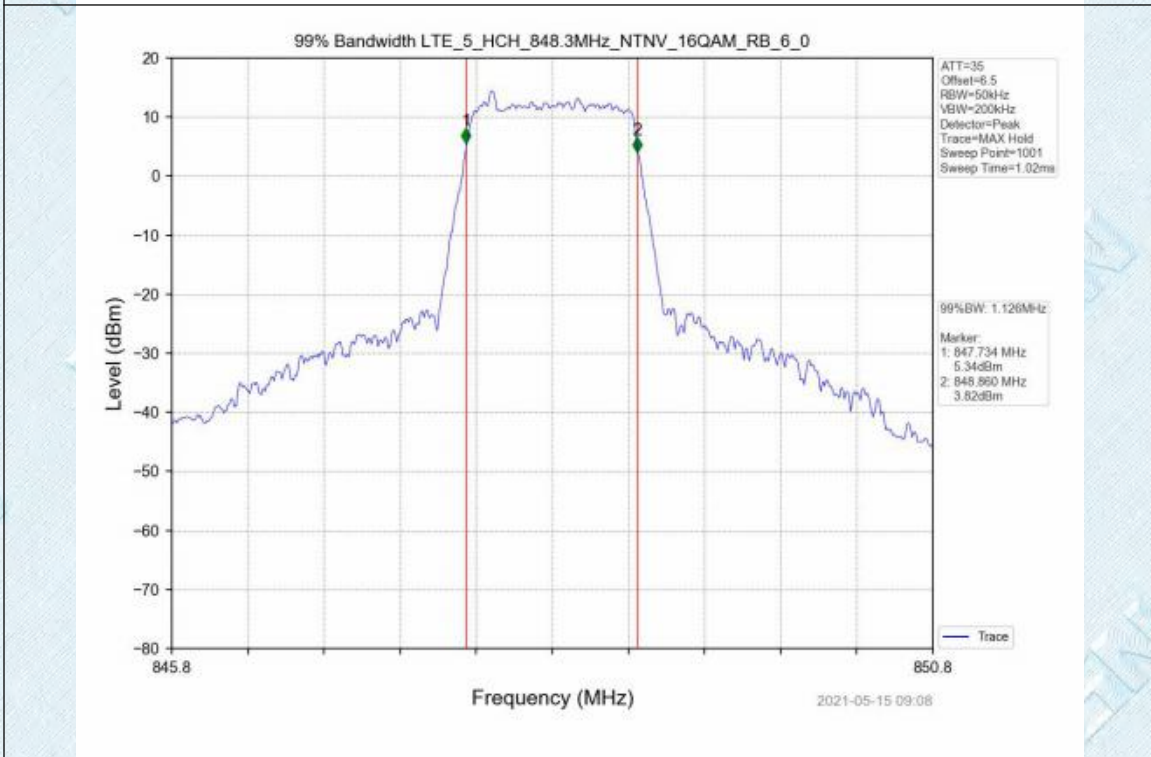
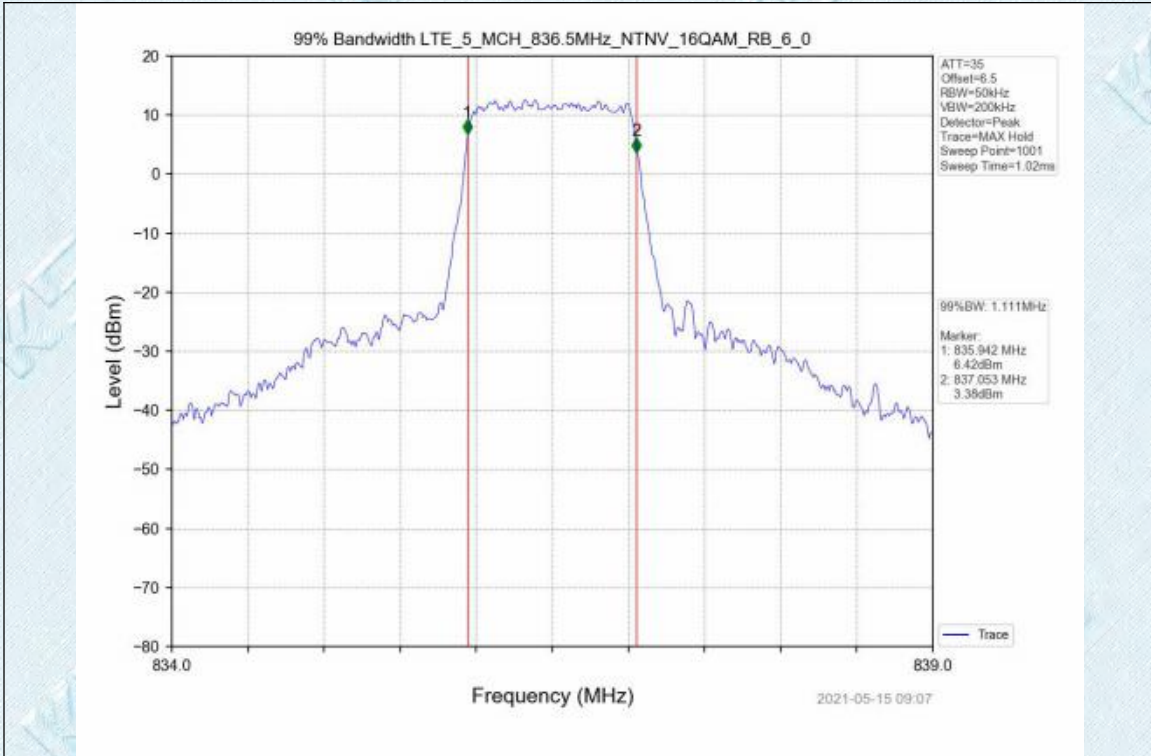
Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH			
QPSK	1	0	19.18	21.33	23.39	38.45	PASS	
		25	18.94	23.11	23.63	38.45	PASS	
		49	21.91	23.49	22.90	38.45	PASS	
	25	0	17.12	21.32	22.64	38.45	PASS	
		13	17.91	22.01	22.58	38.45	PASS	
		25	19.49	22.39	22.16	38.45	PASS	
	50	0	18.36	21.92	22.49	38.45	PASS	
	16QAM	1	0	18.36	20.25	22.74	38.45	PASS
			25	18.18	22.18	22.91	38.45	PASS
49			21.23	22.69	22.38	38.45	PASS	
25		0	16.04	20.46	21.66	38.45	PASS	
		13	16.93	21.11	21.57	38.45	PASS	
		25	18.37	21.54	21.19	38.45	PASS	
50		0	17.26	20.99	21.46	38.45	PASS	

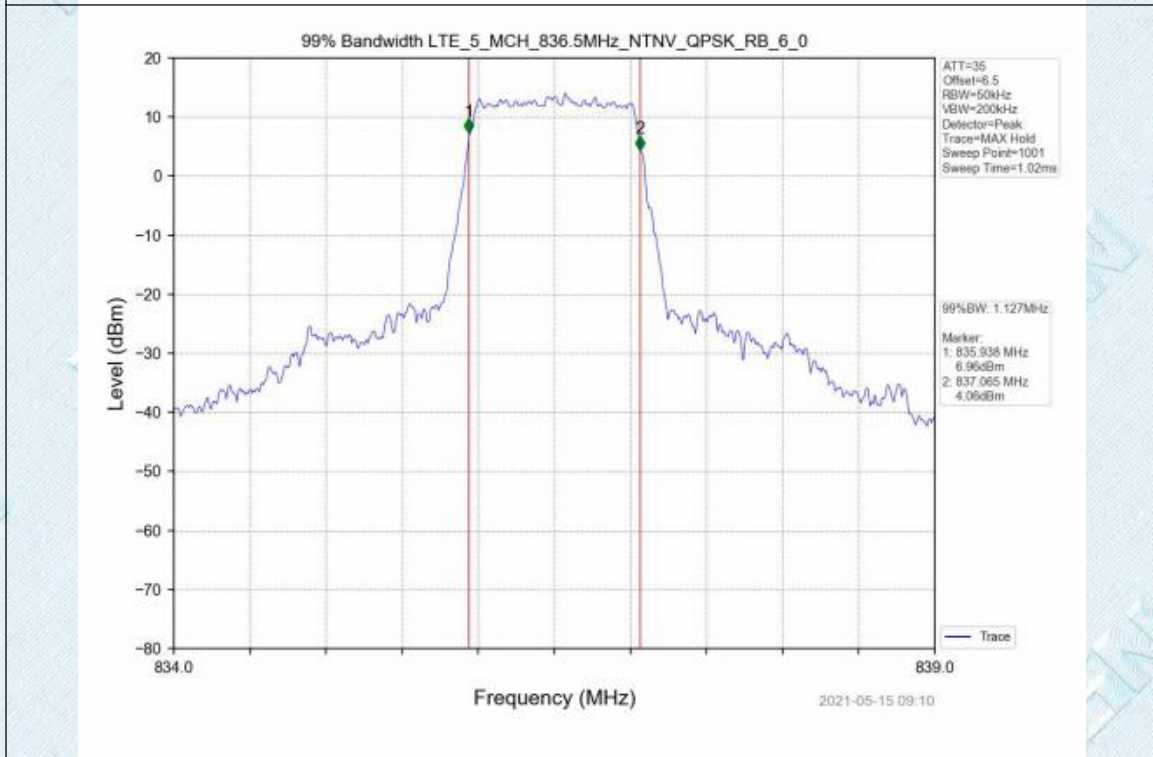
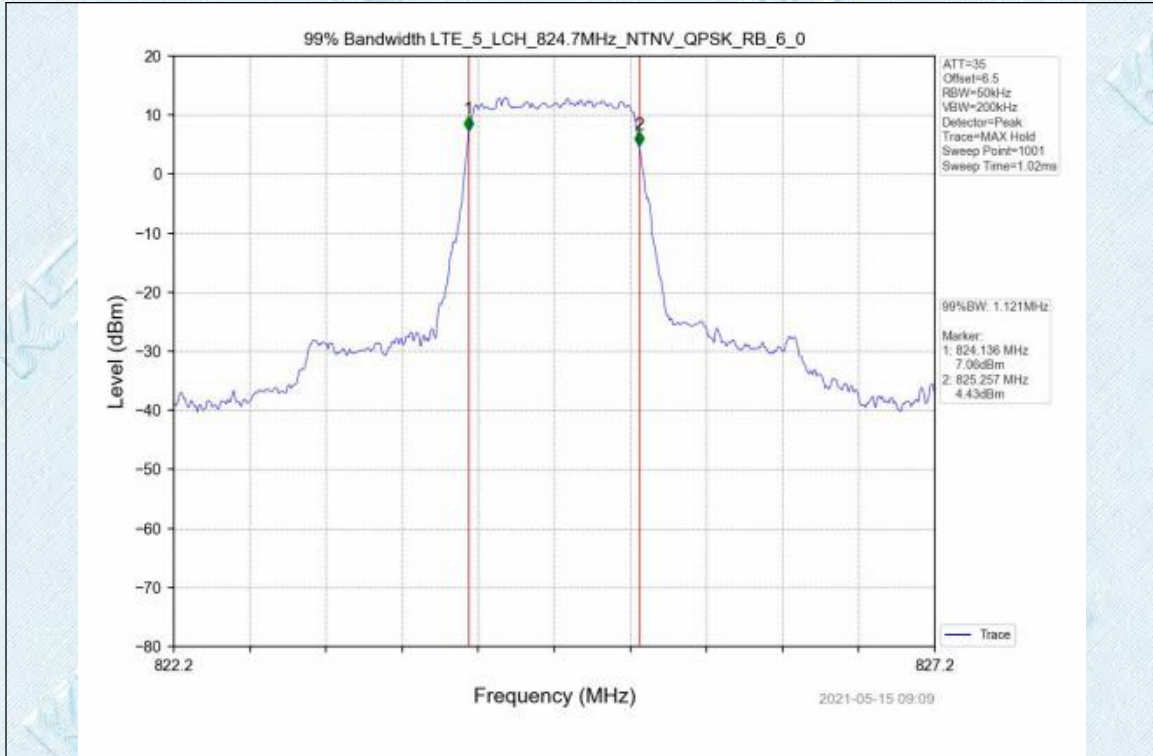
2. 99% & 26dB Bandwidth Test Result

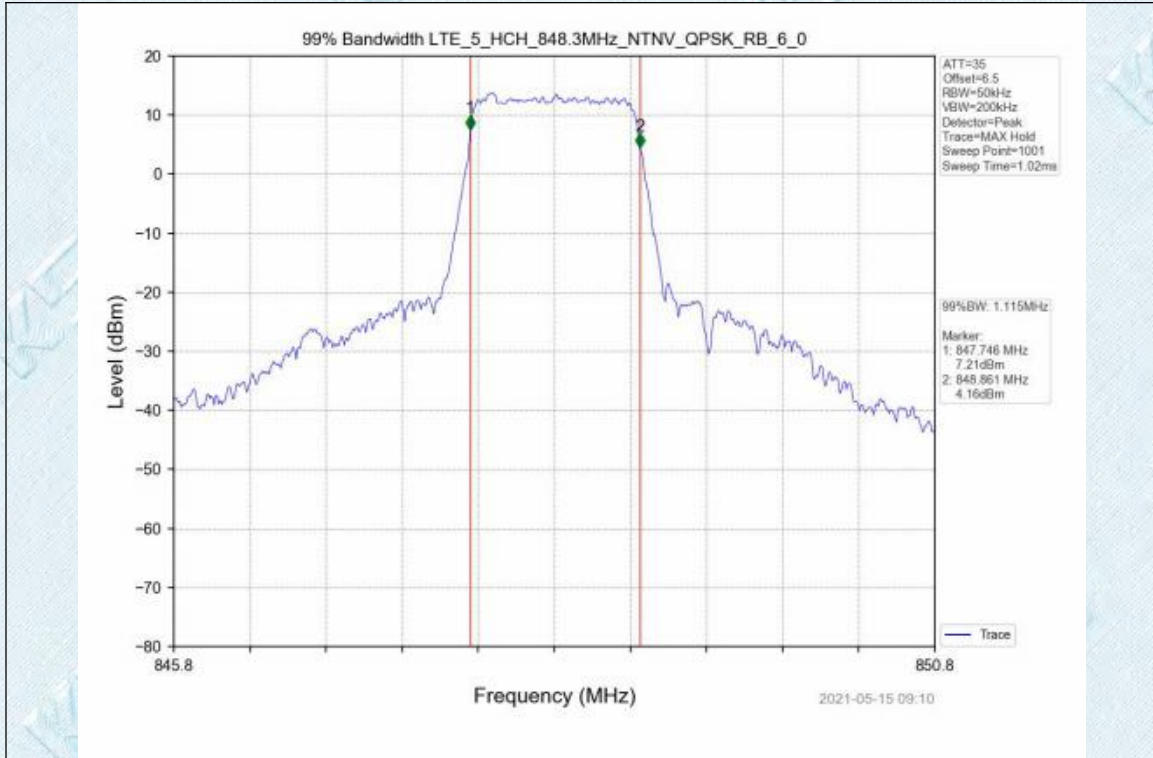
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.121	1.127	1.115	N/A	PASS
16QAM	6	0	1.118	1.111	1.126	N/A	PASS

Test Graph



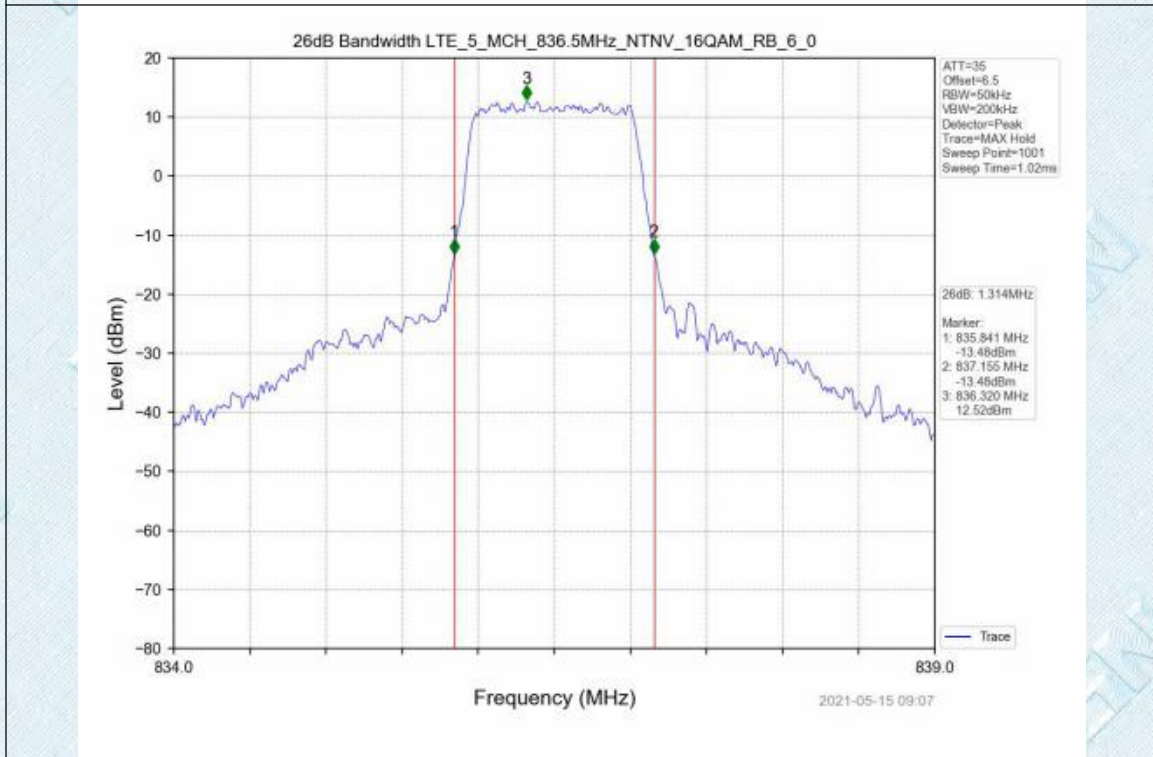
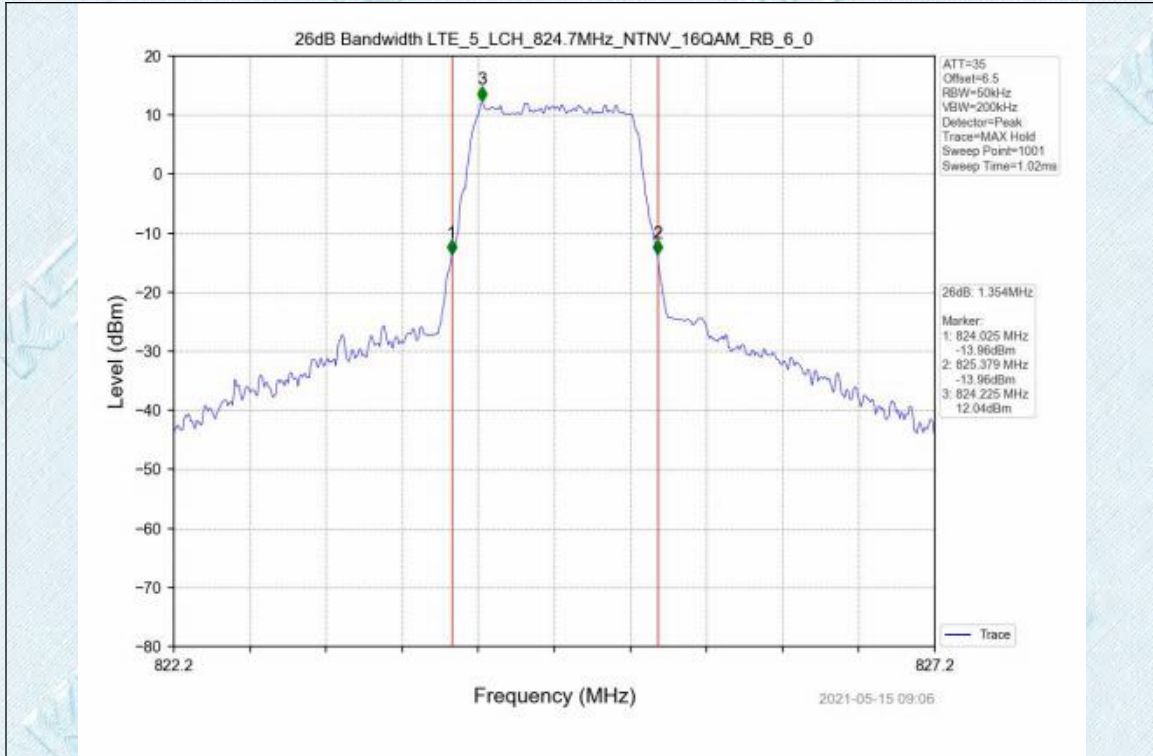


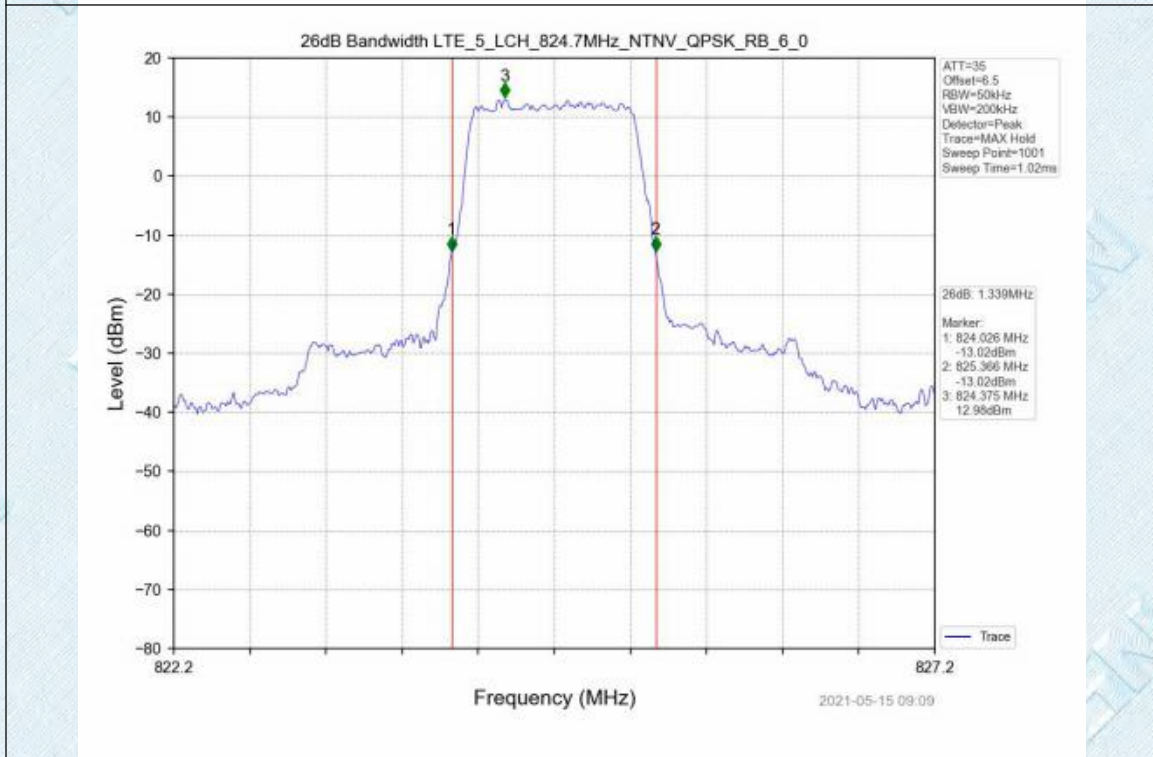
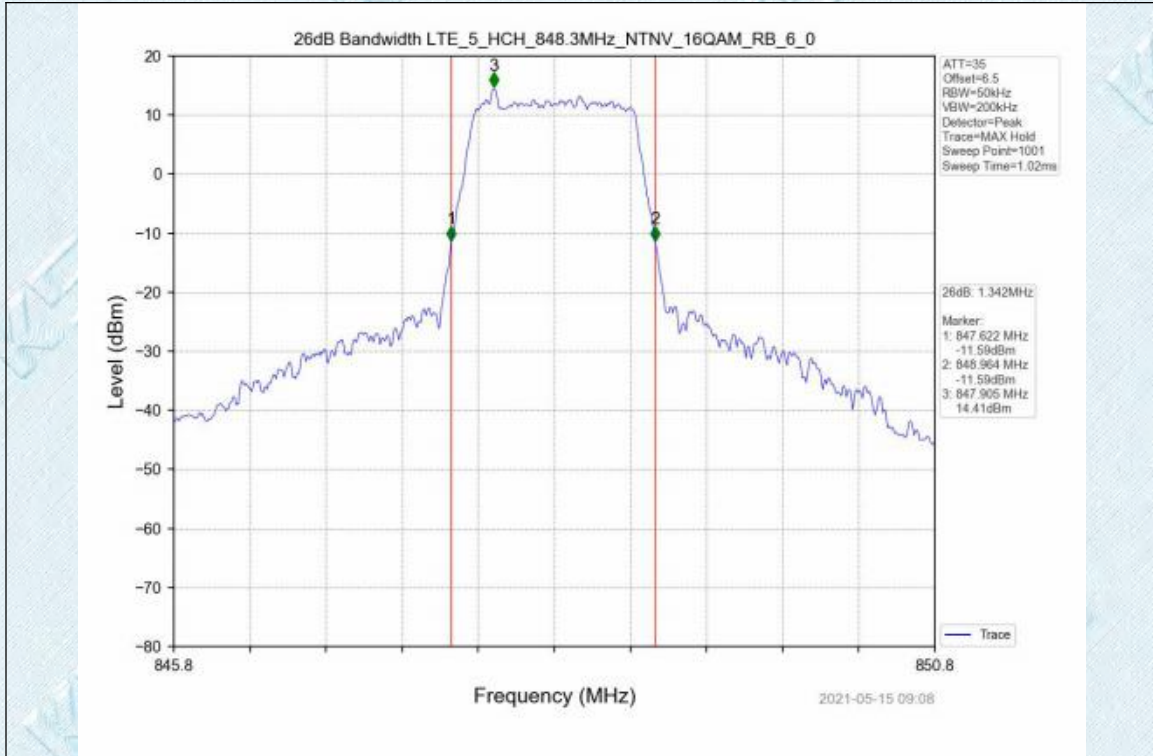


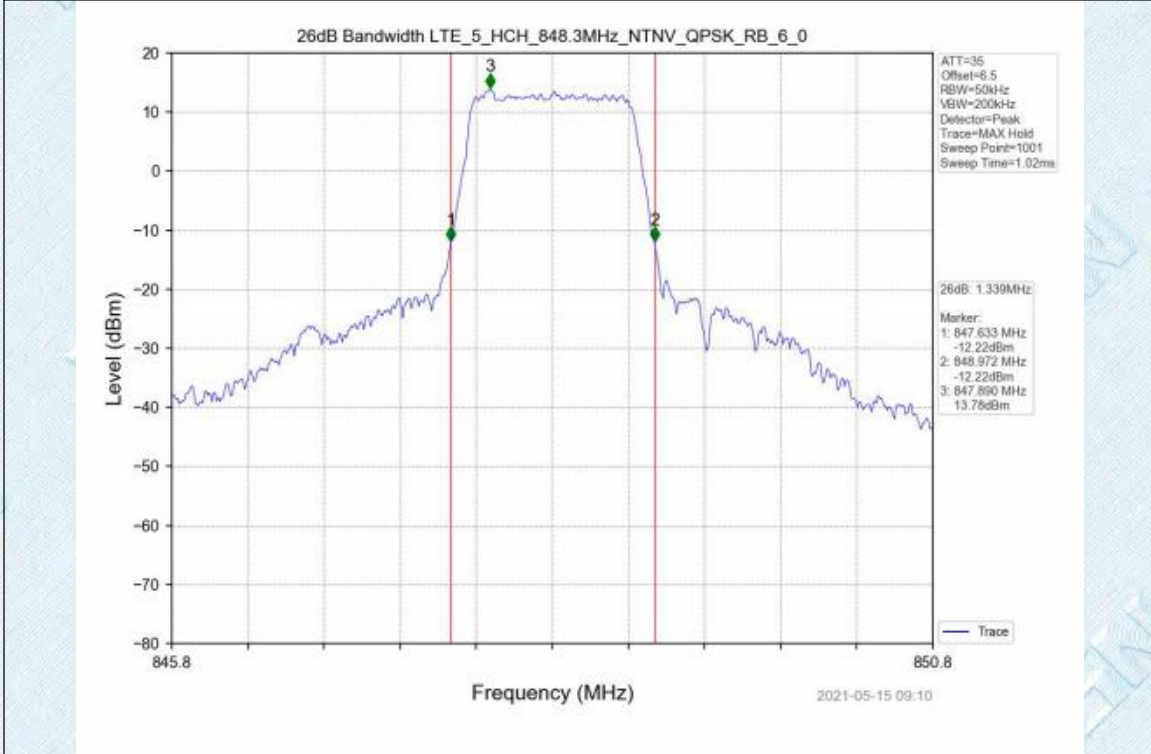
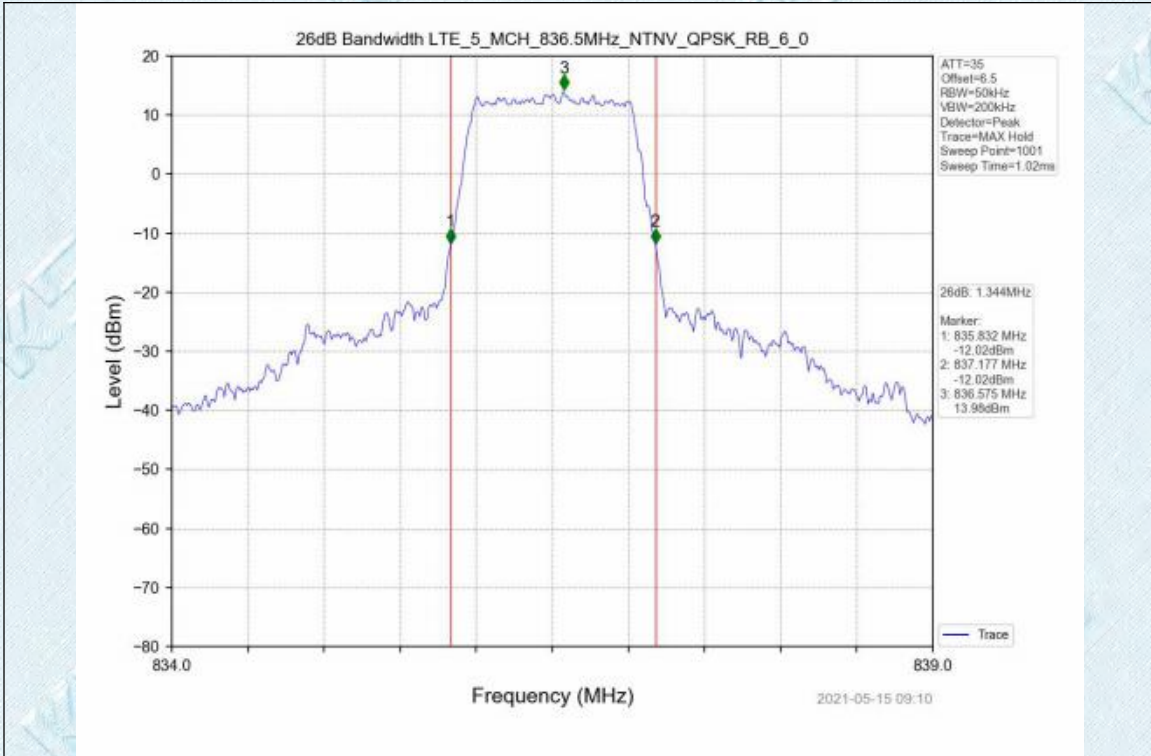


Test Mode	Test Band: 5 1.4MHz Bandwidth					Limit	Verdict
	RB Allocation		26dB Bandwidth (MHz)				
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.339	1.344	1.339	N/A	PASS
16QAM	6	0	1.354	1.314	1.342	N/A	PASS

Test Graph

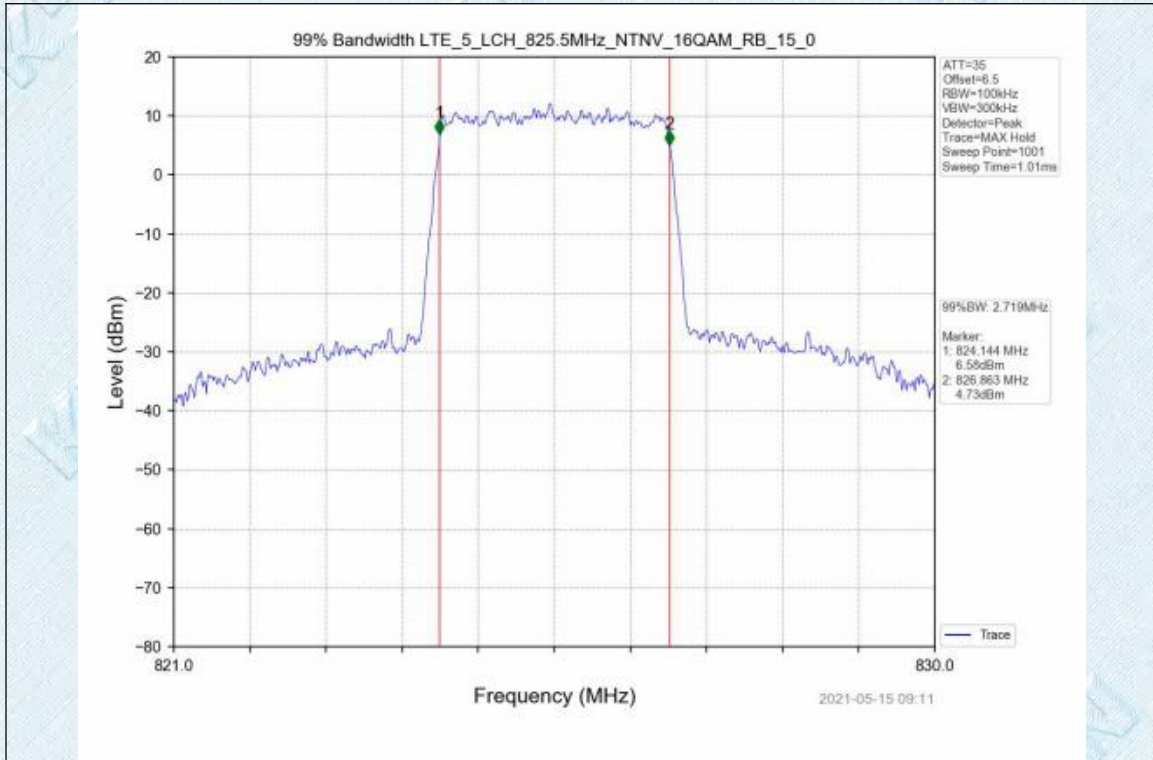


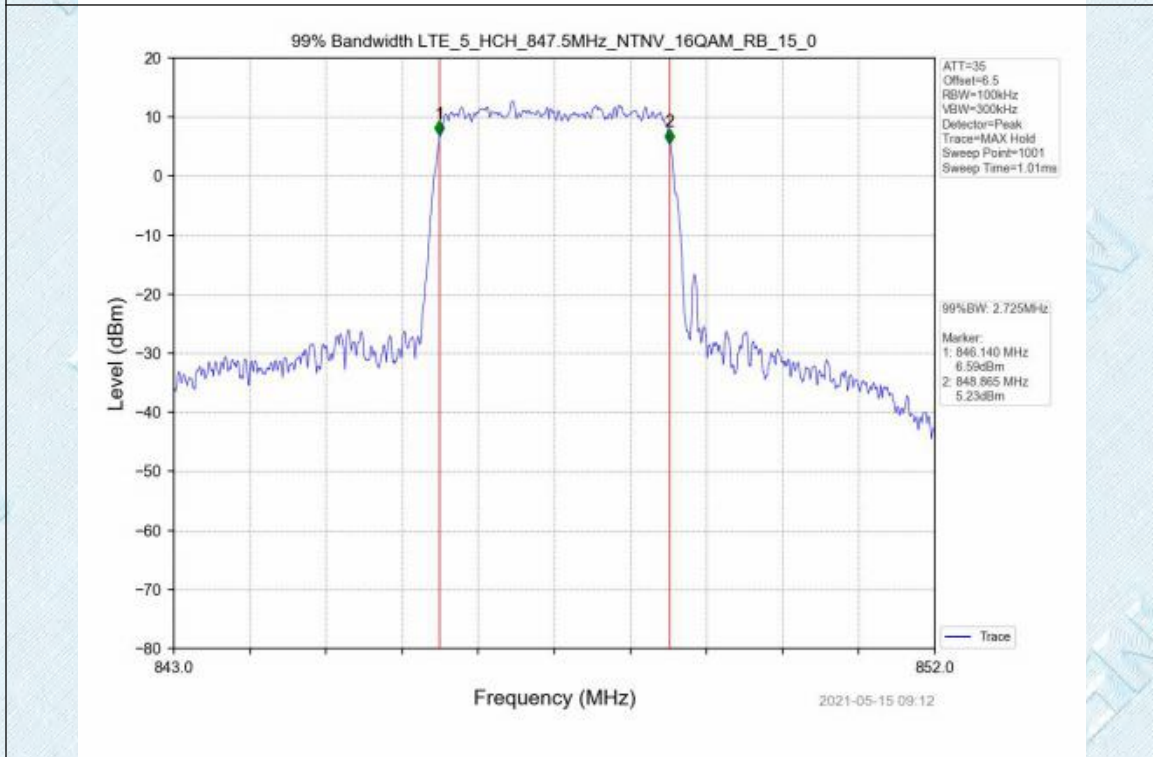
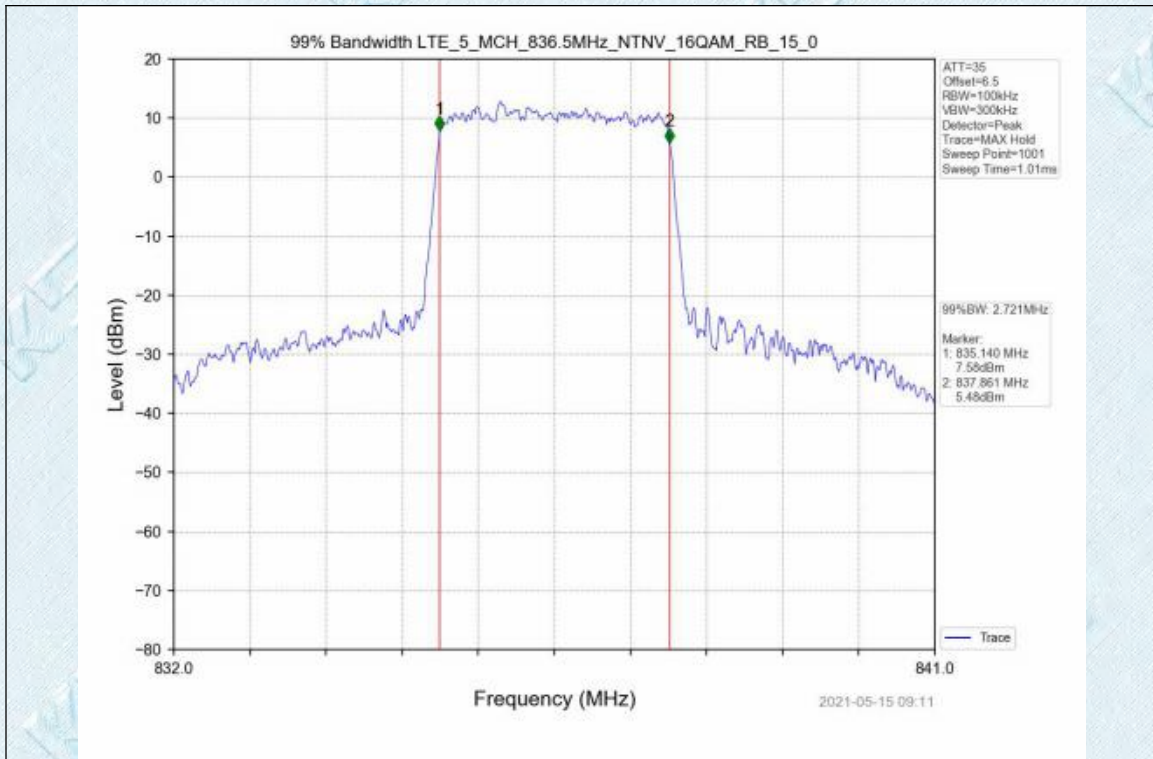


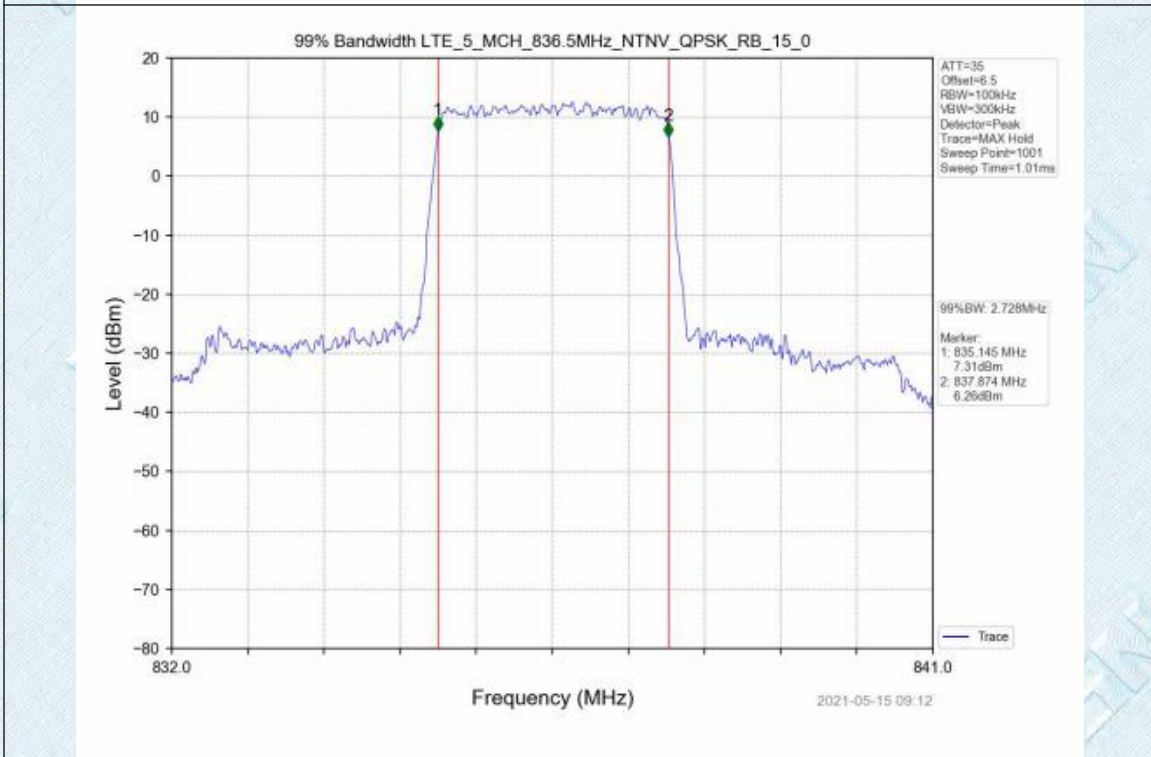
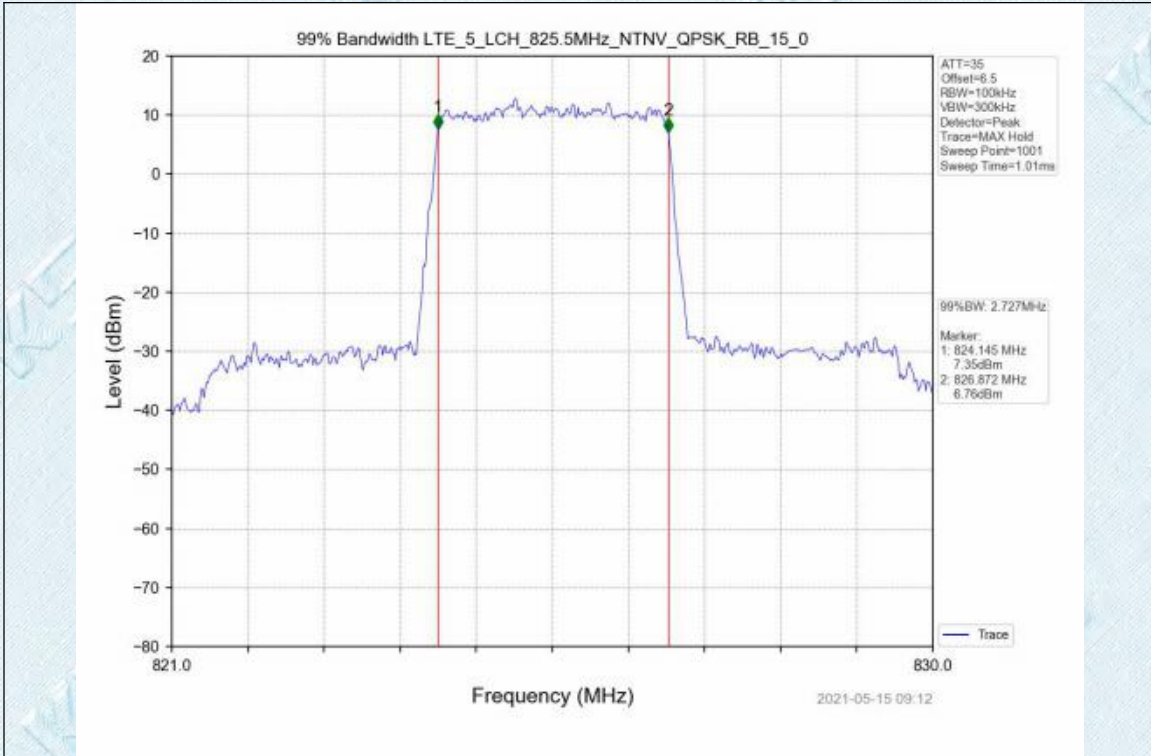


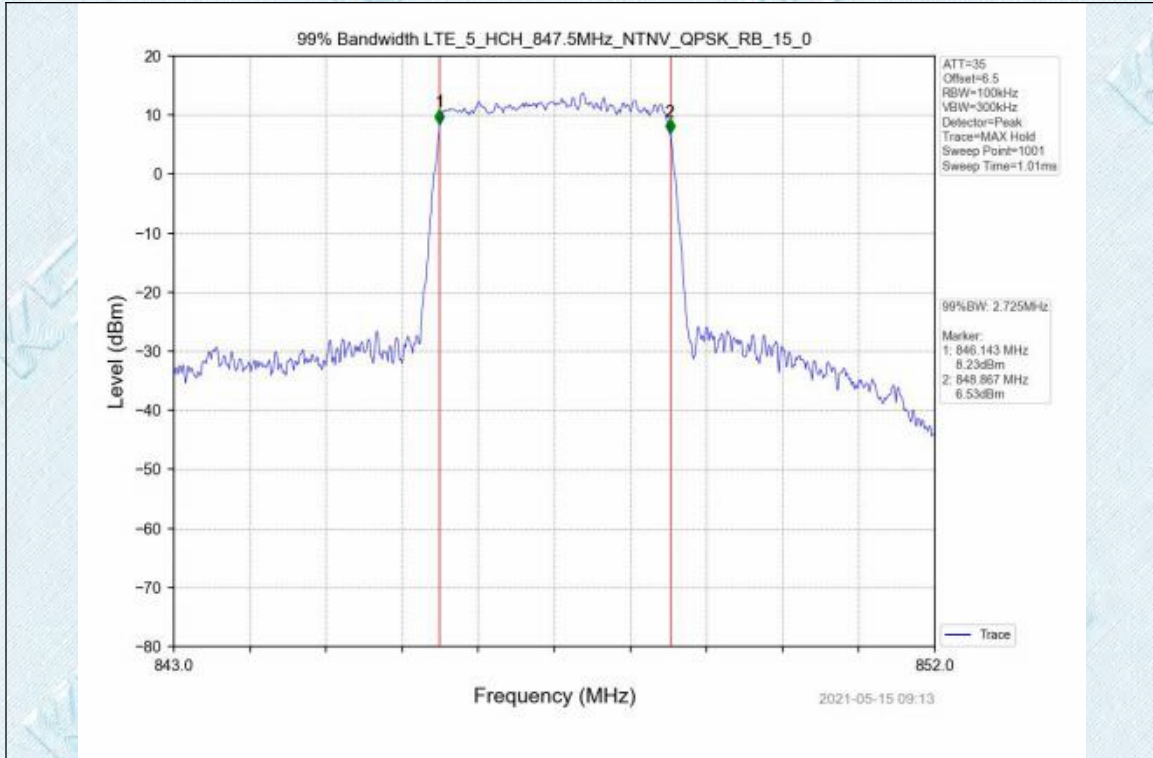
Test Band: 5 3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.727	2.728	2.725	N/A	PASS
16QAM	15	0	2.719	2.721	2.725	N/A	PASS

Test Graph



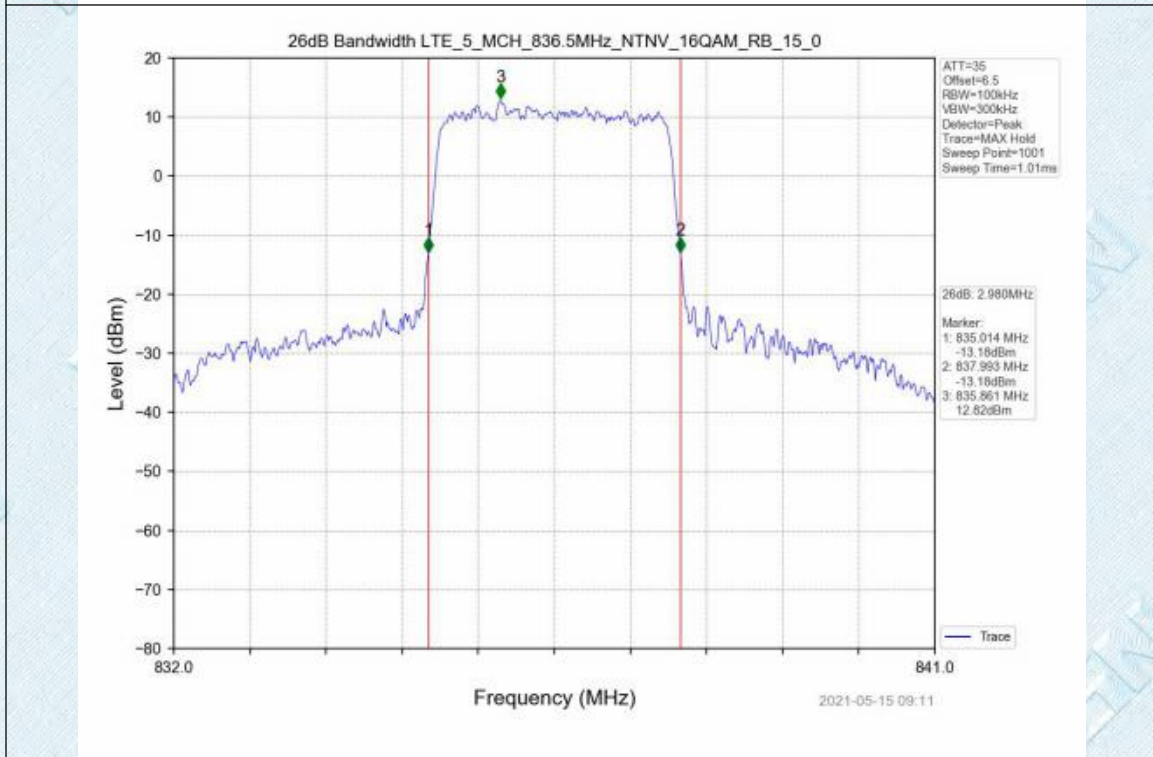
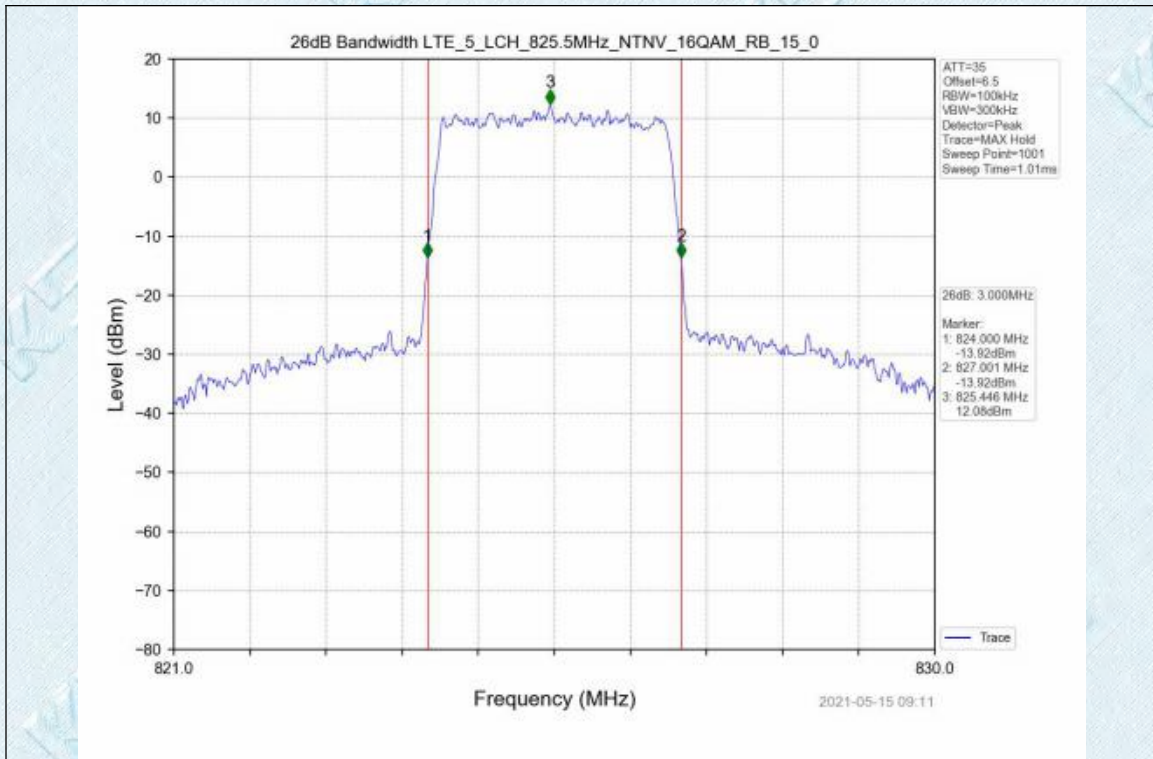


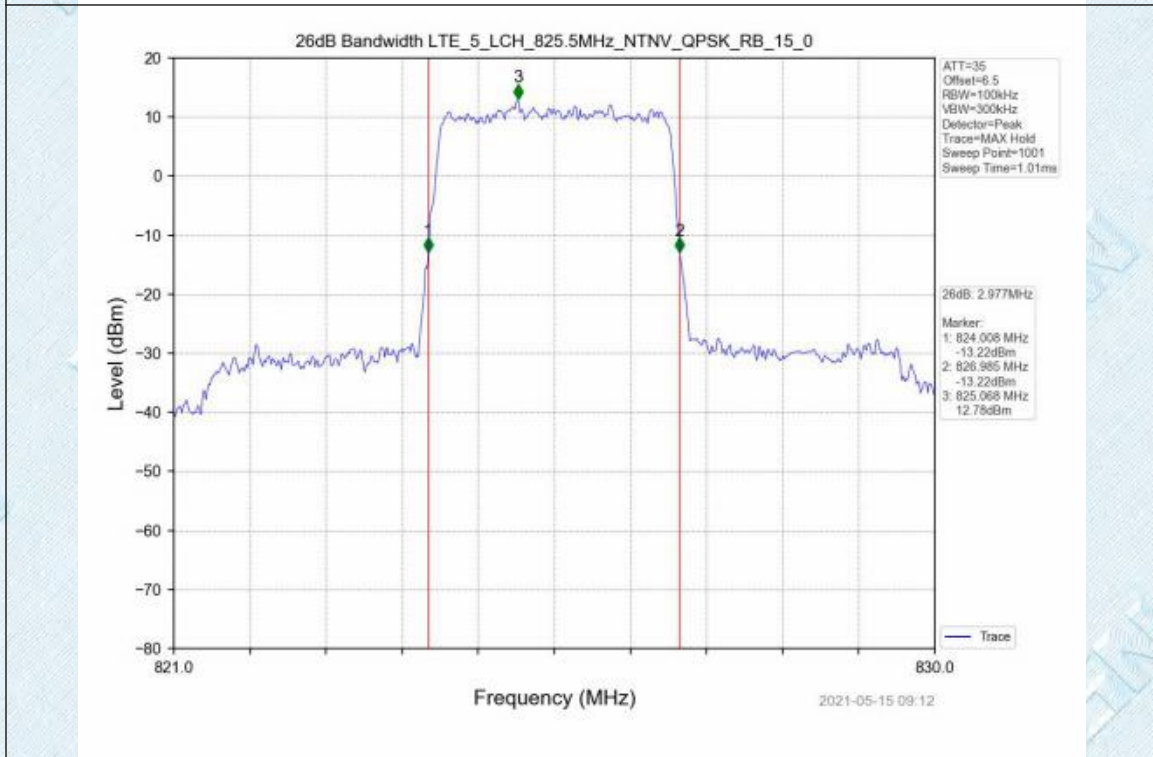
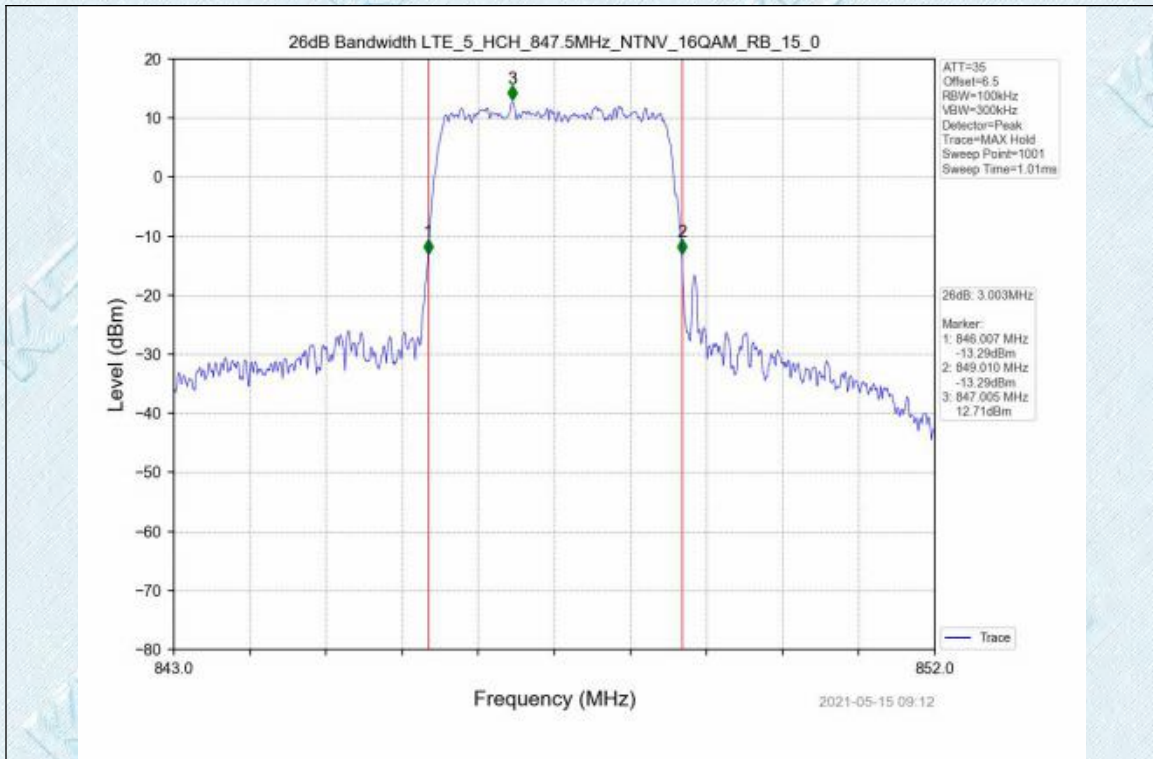


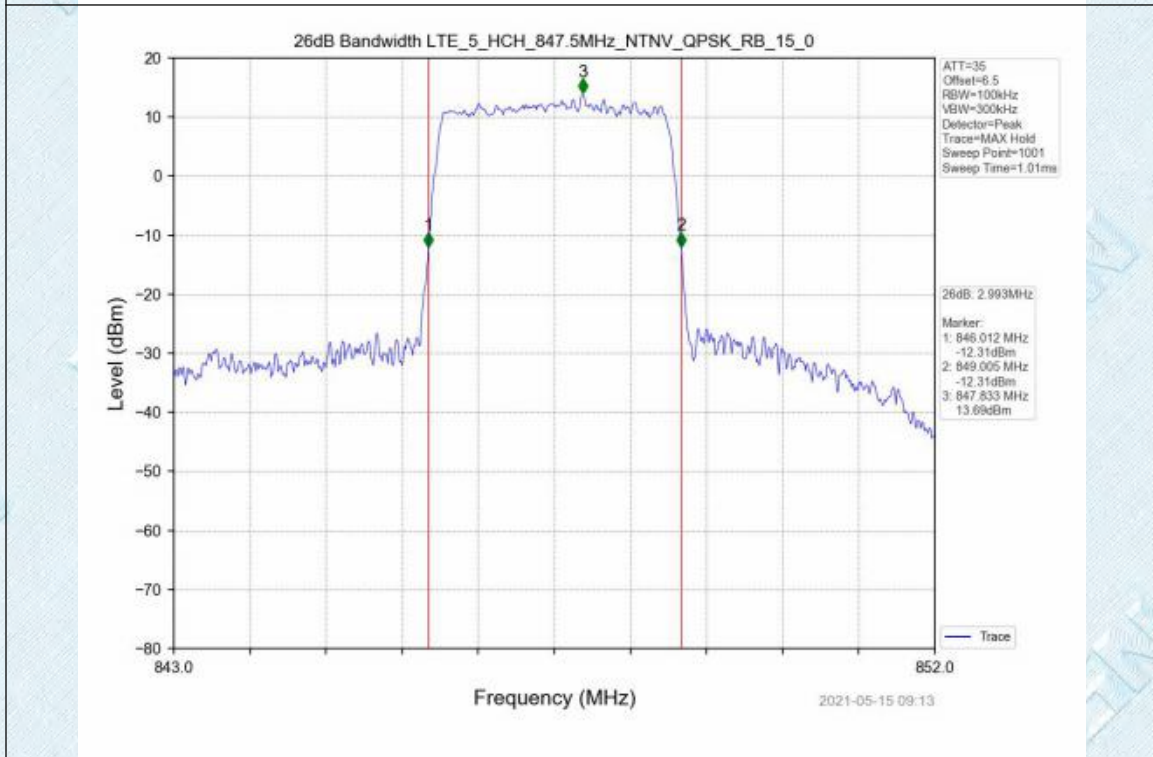
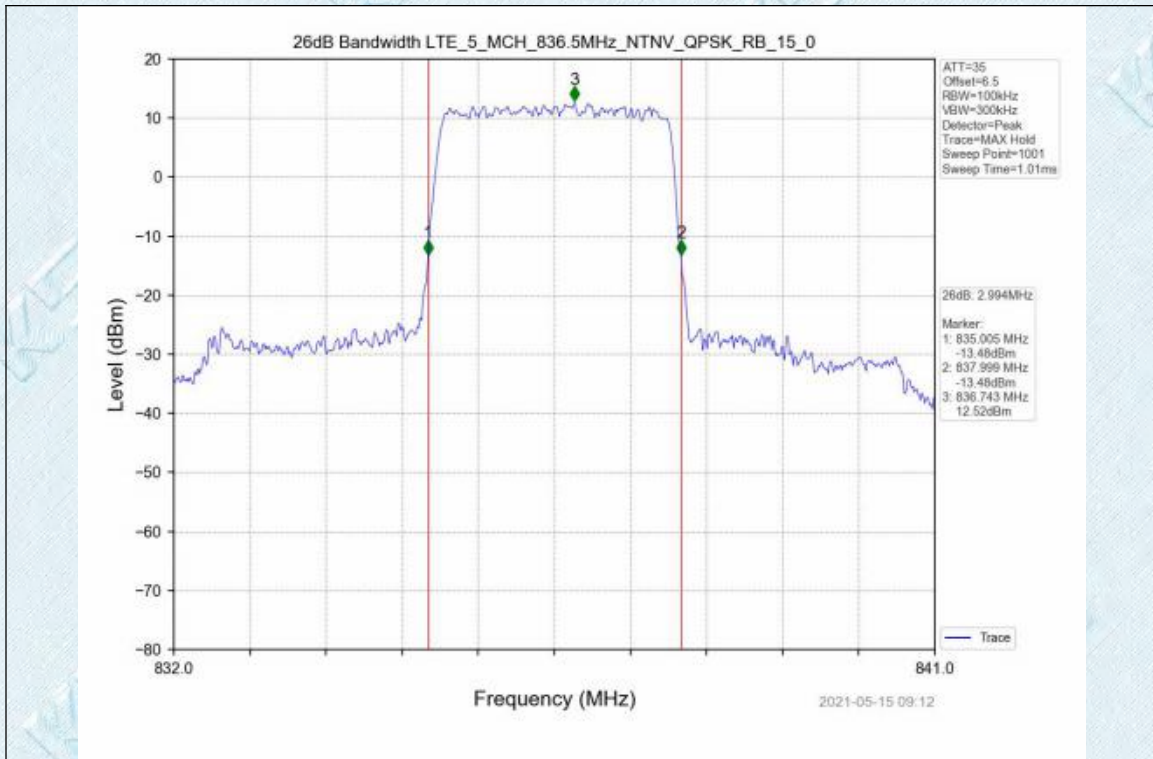


Test Mode	Test Band: 5 3MHz Bandwidth						Limit	Verdict
	RB Allocation		26dB Bandwidth (MHz)					
	Size	Offset	LCH	MCH	HCH			
QPSK	15	0	2.977	2.994	2.993	N/A	PASS	
16QAM	15	0	3.000	2.980	3.003	N/A	PASS	

Test Graph

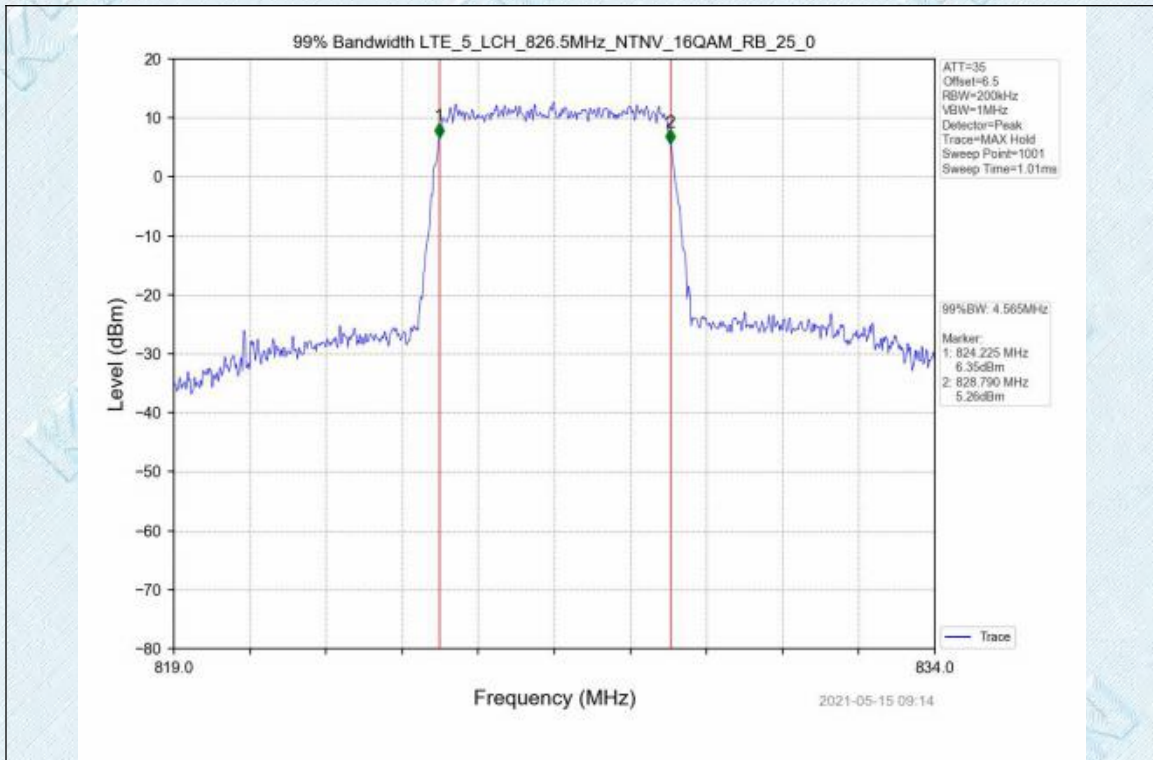


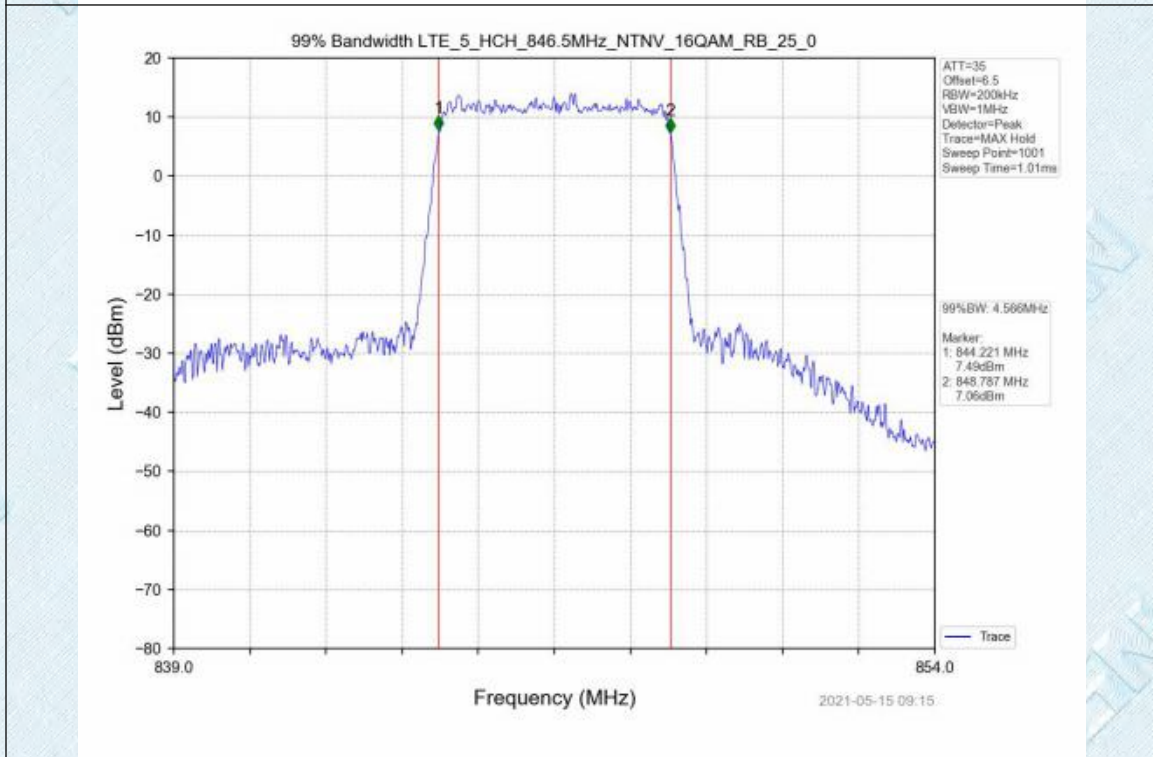
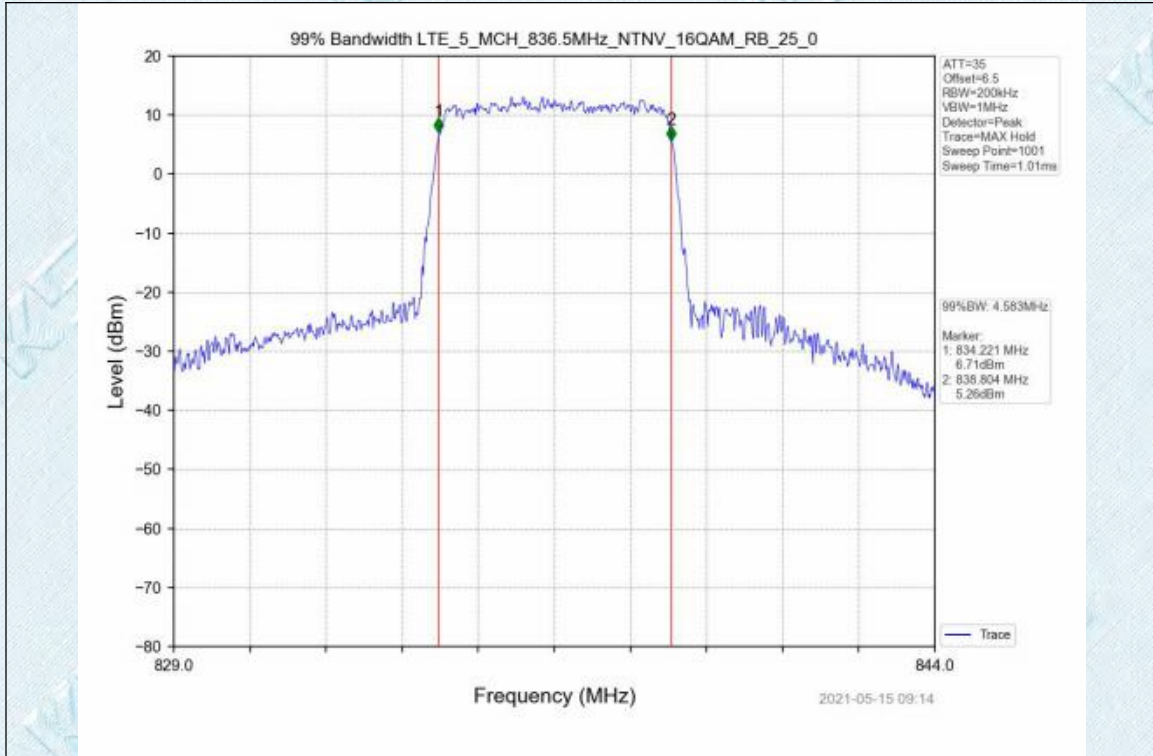


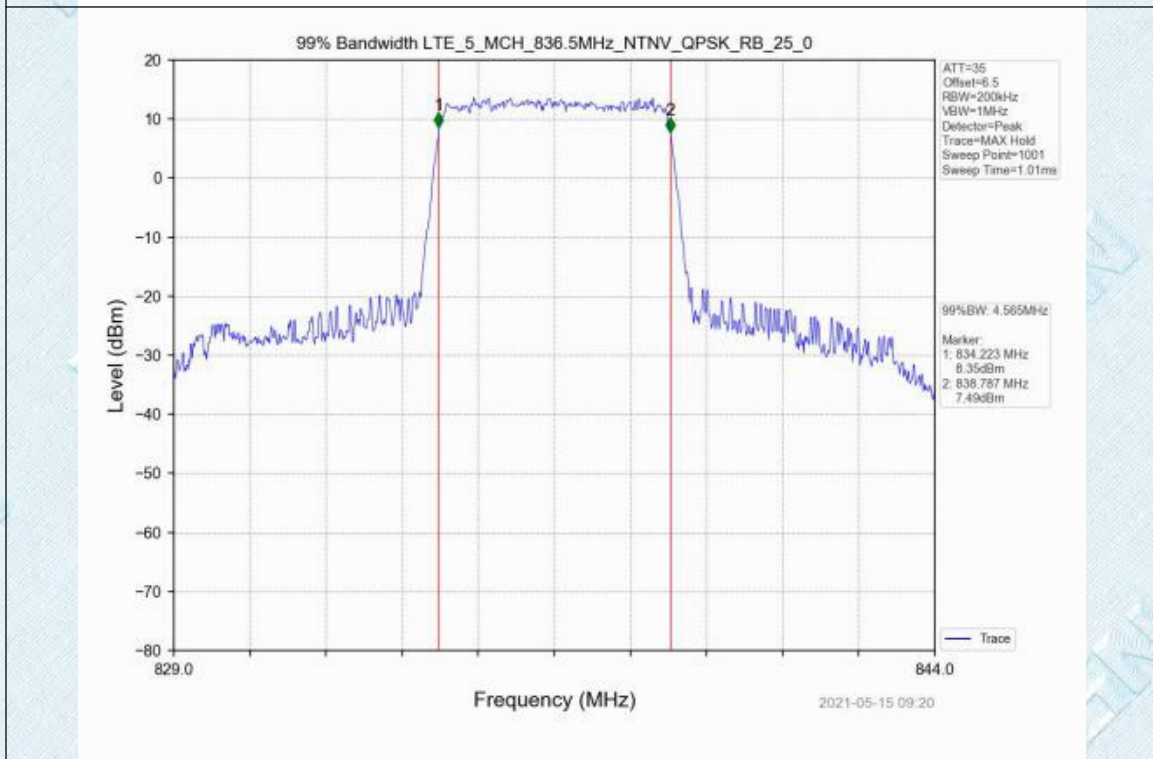
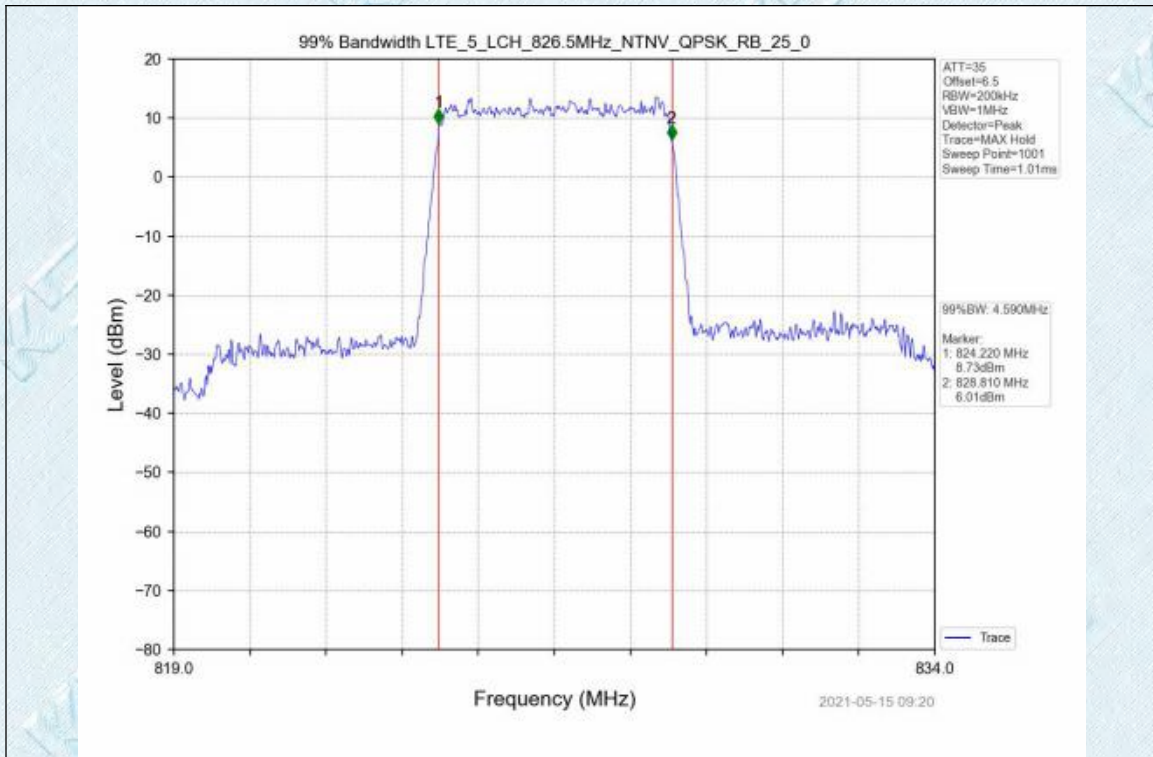


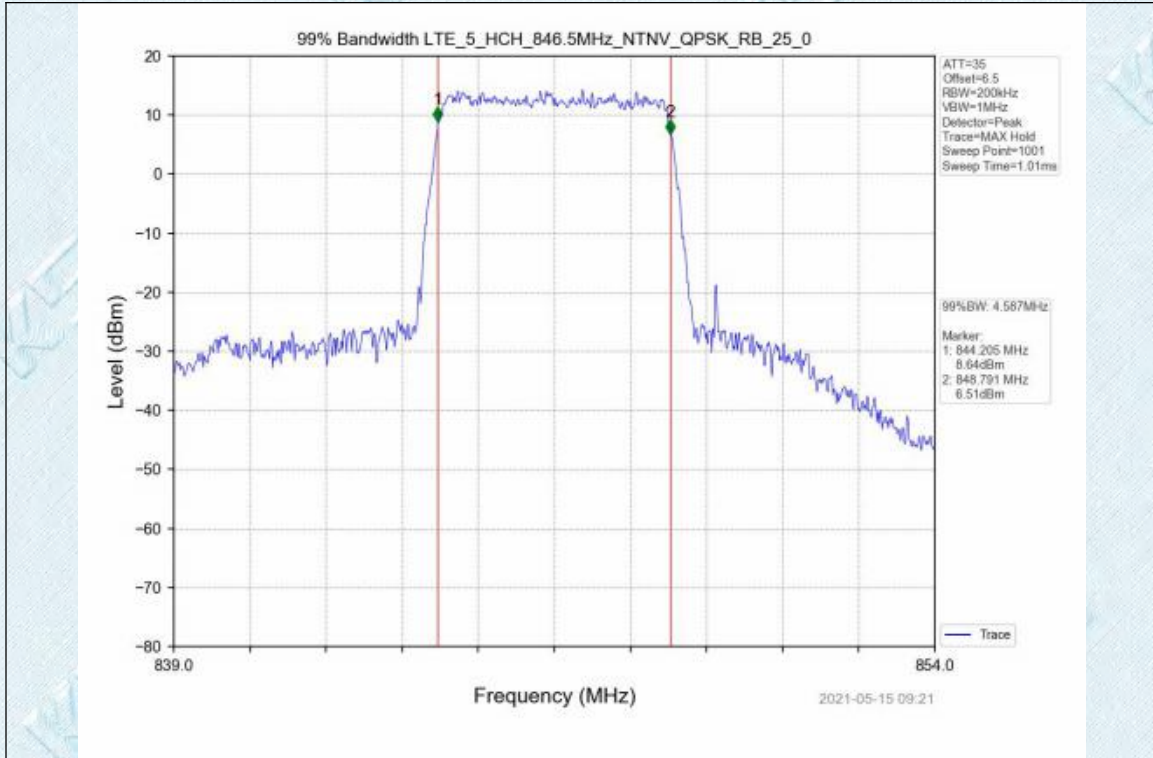
Test Band: 5 5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.590	4.565	4.587	N/A	PASS
16QAM	25	0	4.565	4.583	4.566	N/A	PASS

Test Graph



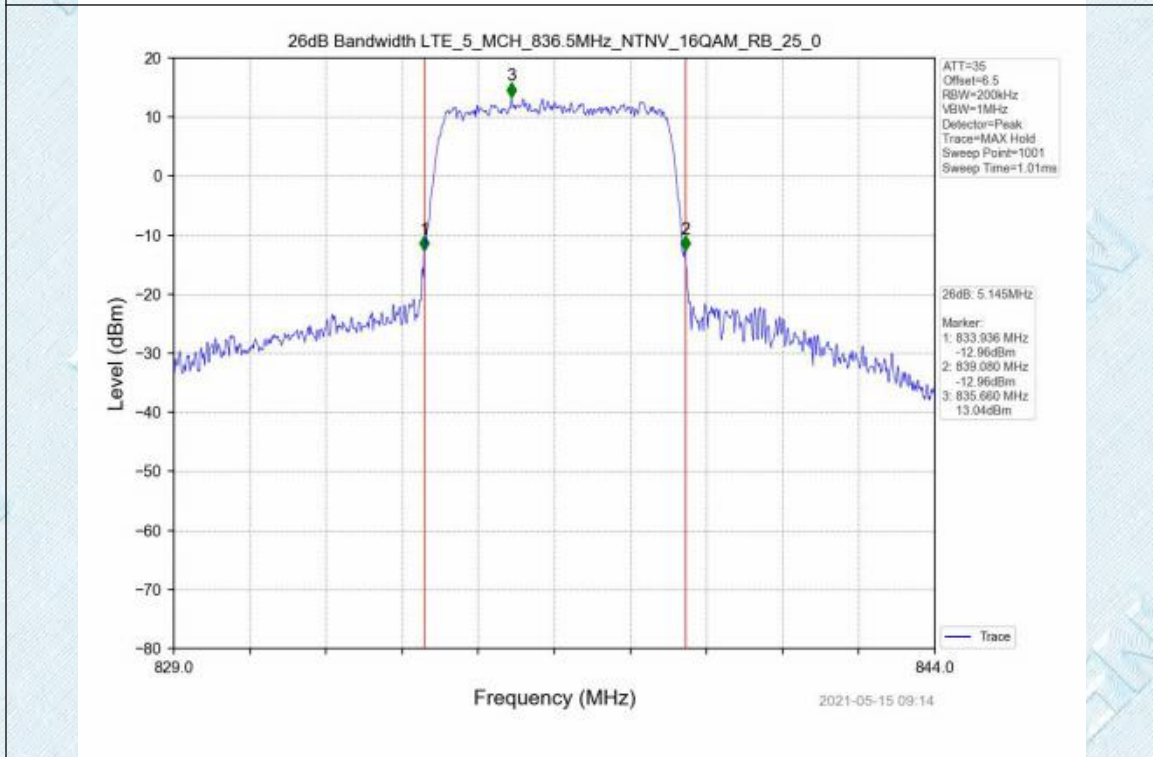
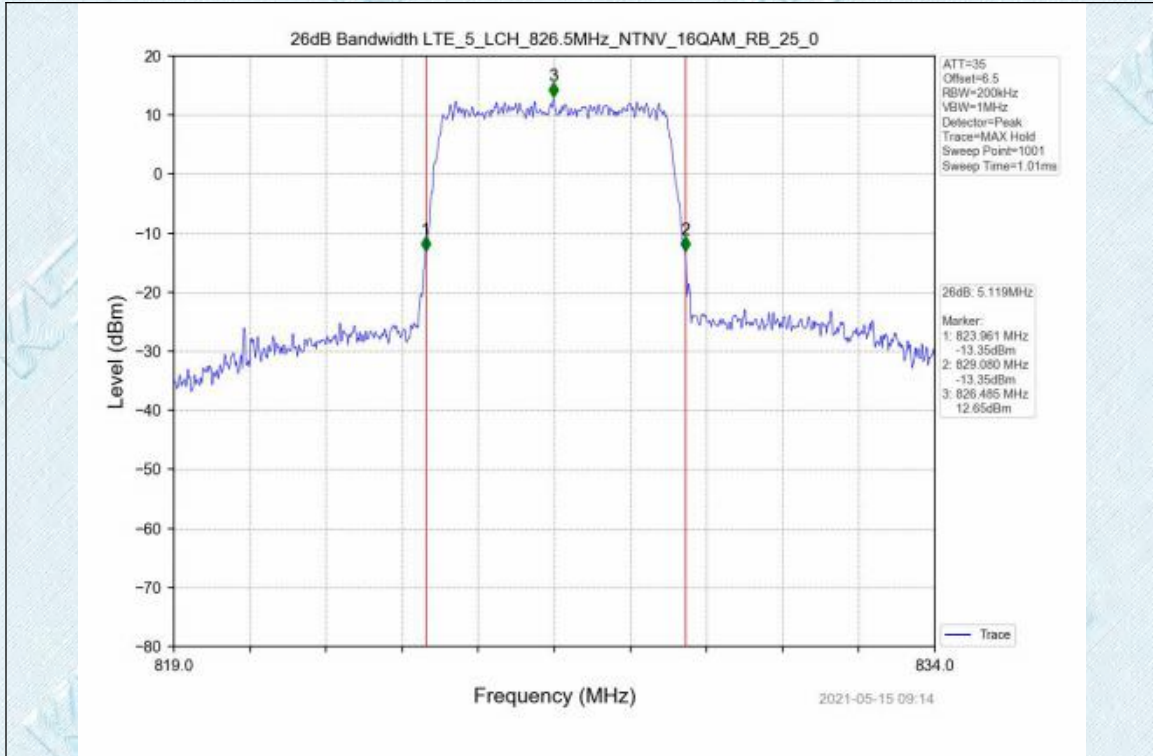


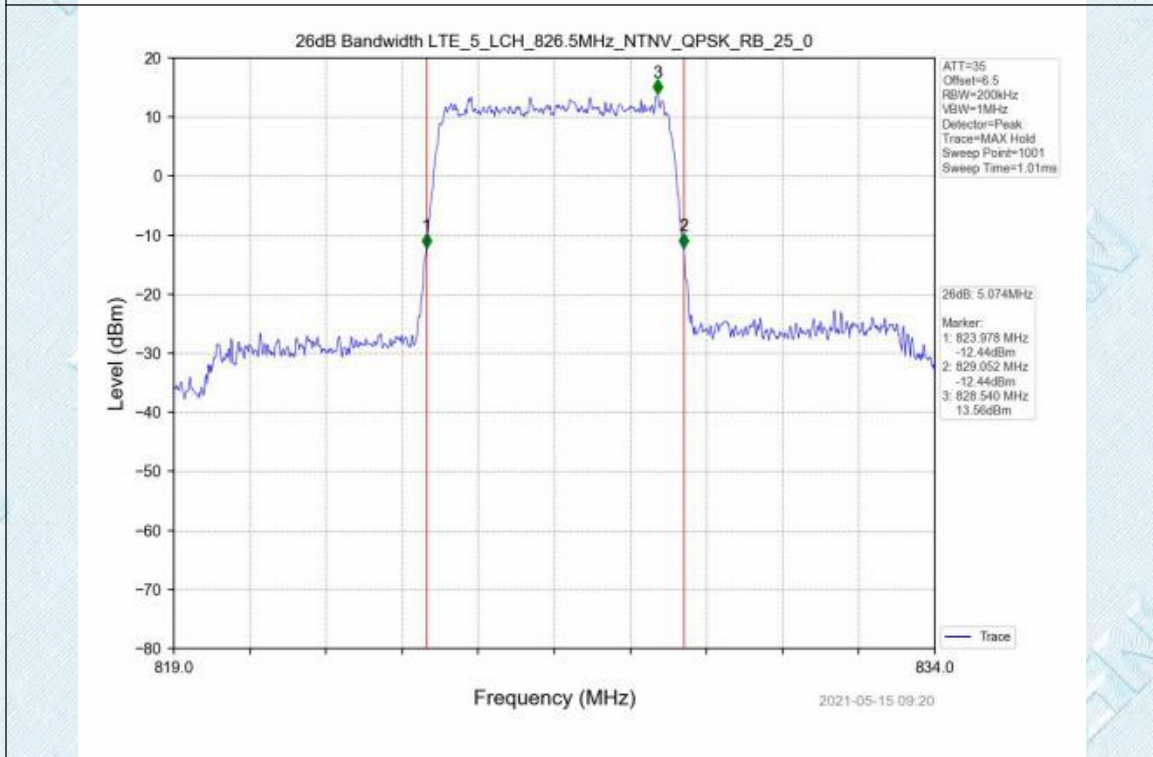
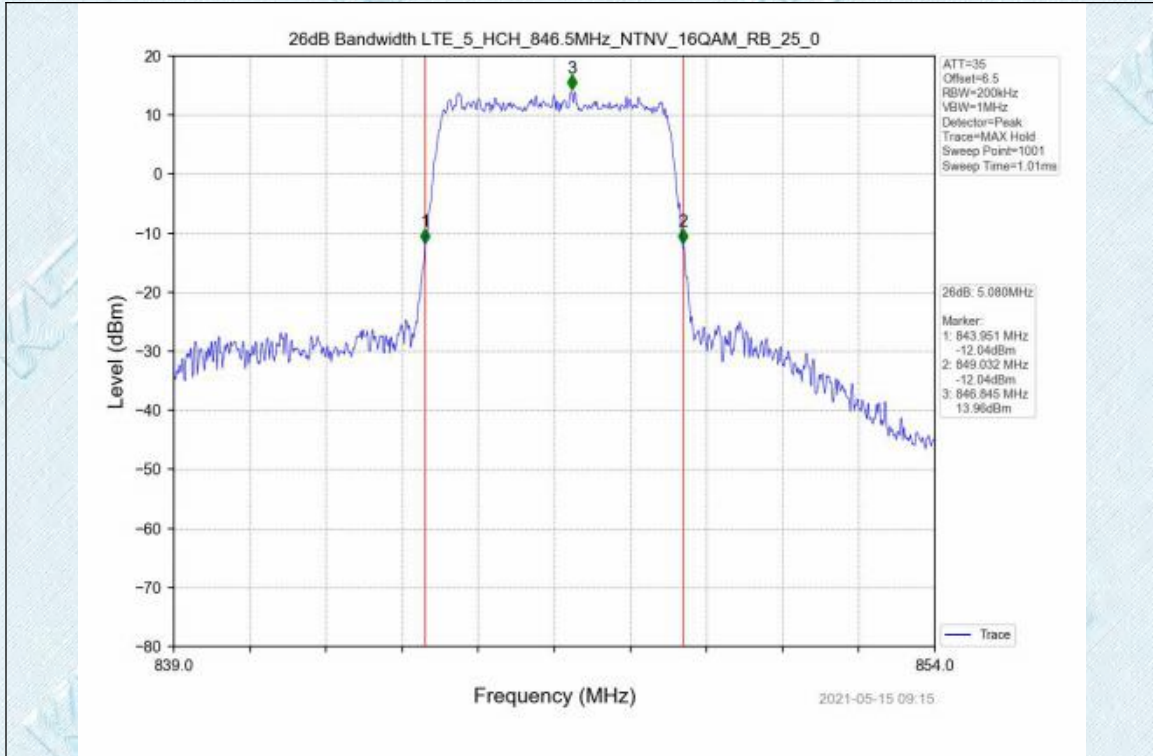


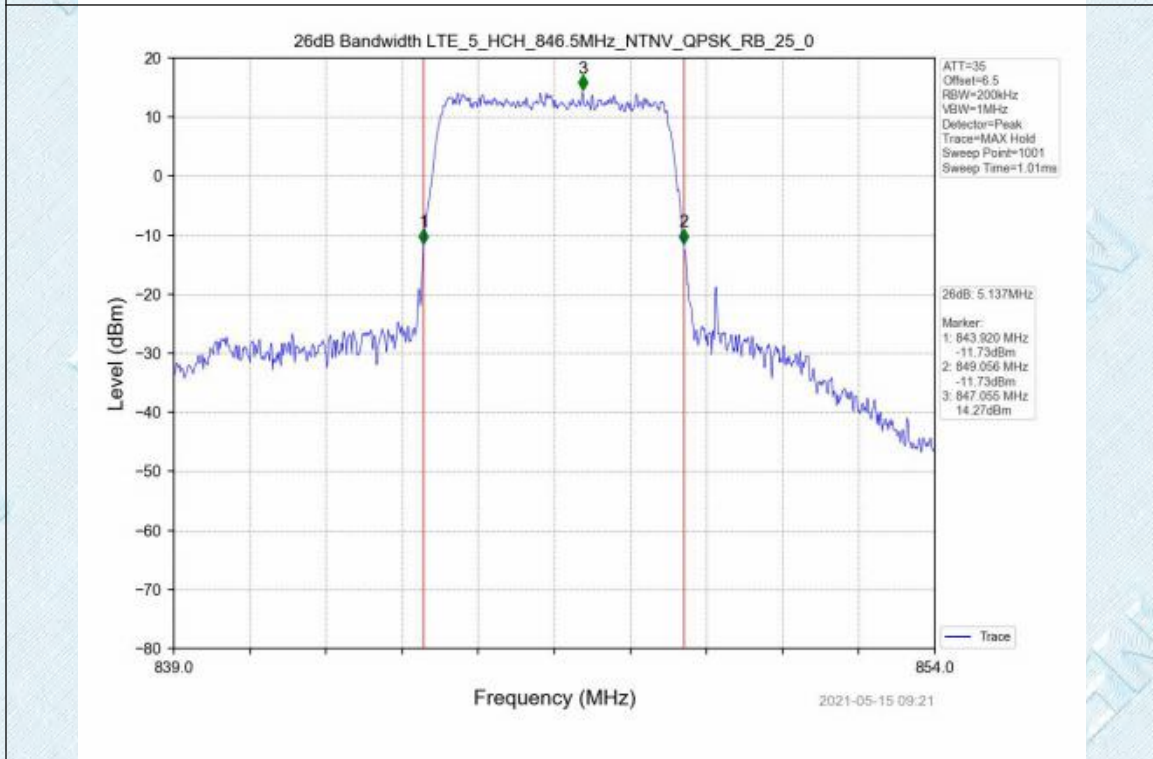
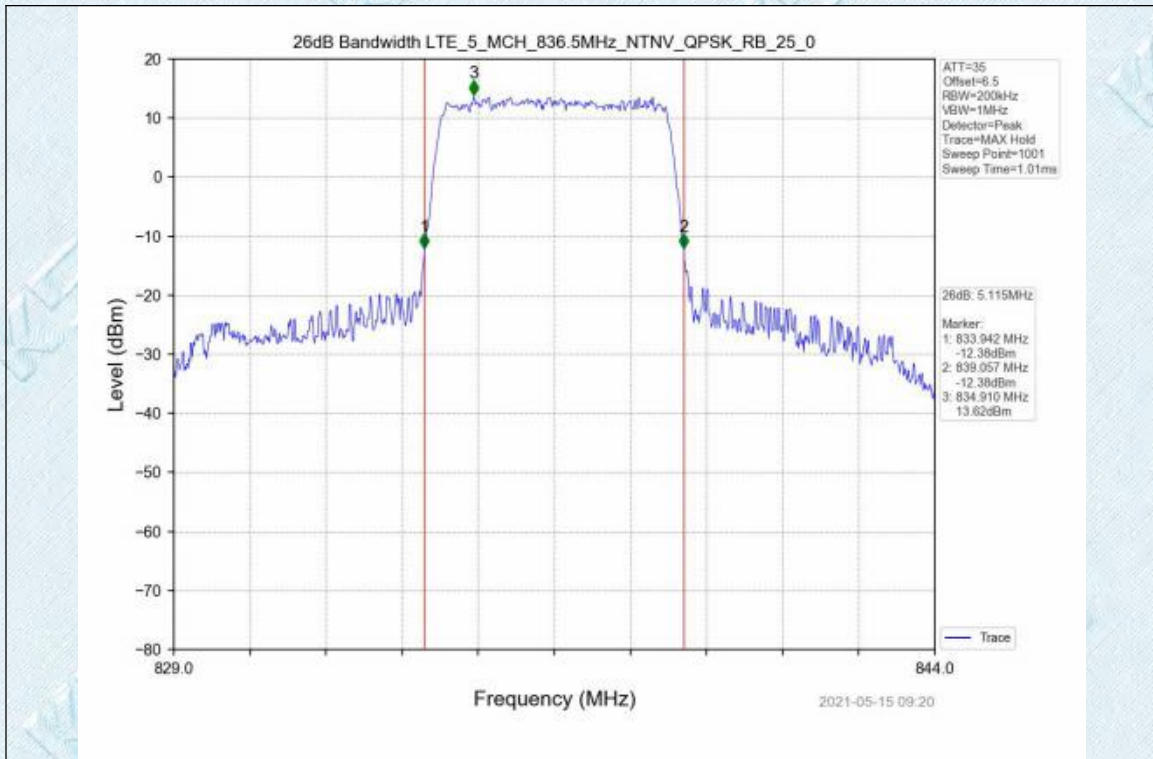


Test Mode	Test Band: 5_5MHz Bandwidth						Limit	Verdict
	RB Allocation		26dB Bandwidth (MHz)					
	Size	Offset	LCH	MCH	HCH			
QPSK	25	0	5.074	5.115	5.137	N/A	PASS	
16QAM	25	0	5.119	5.145	5.080	N/A	PASS	

Test Graph

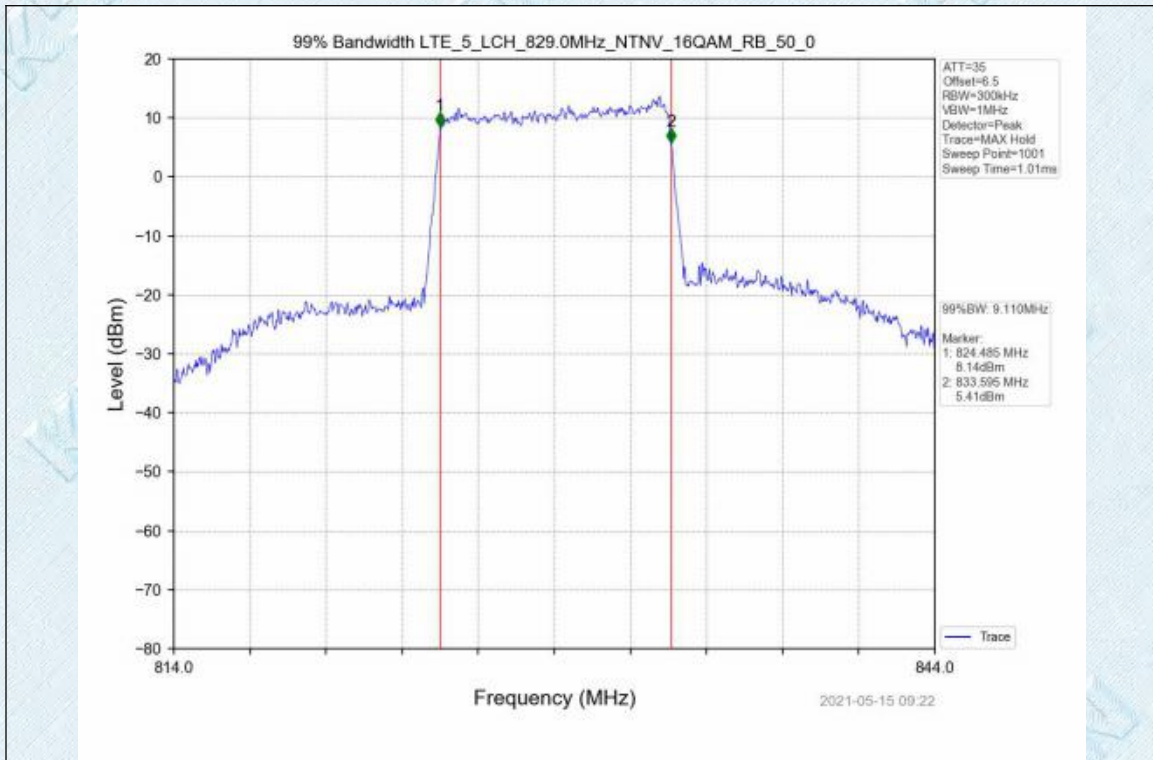


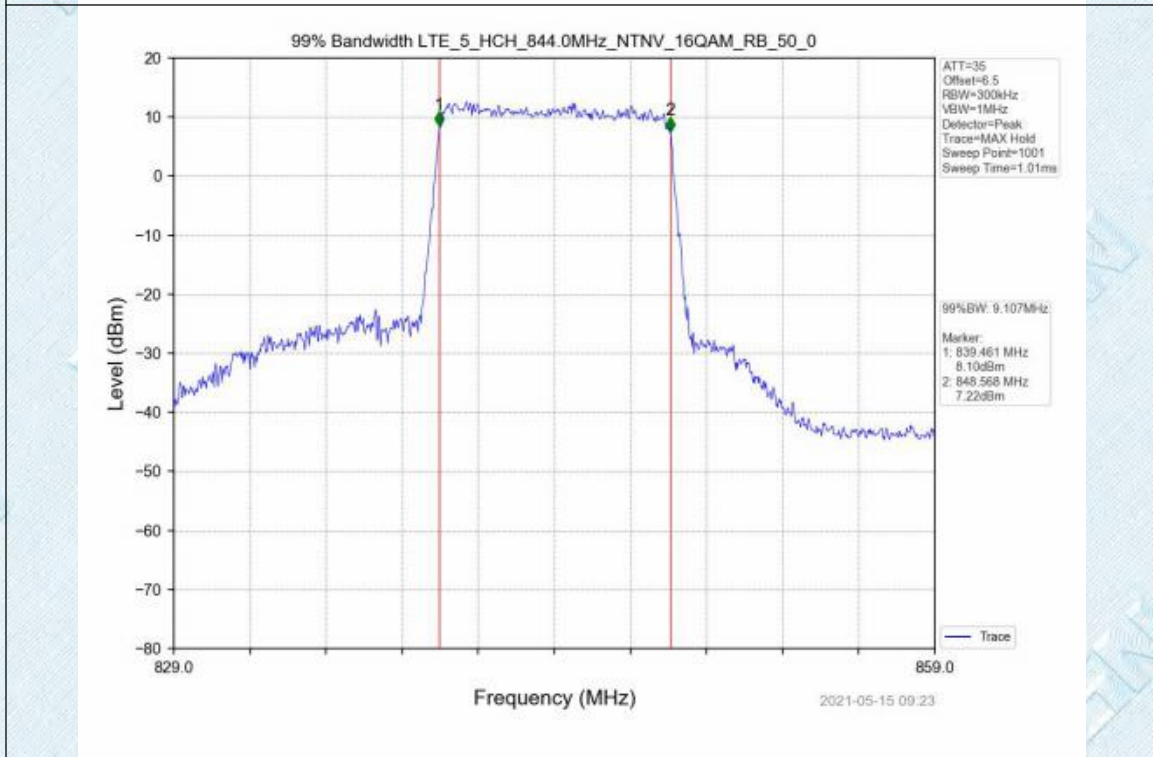
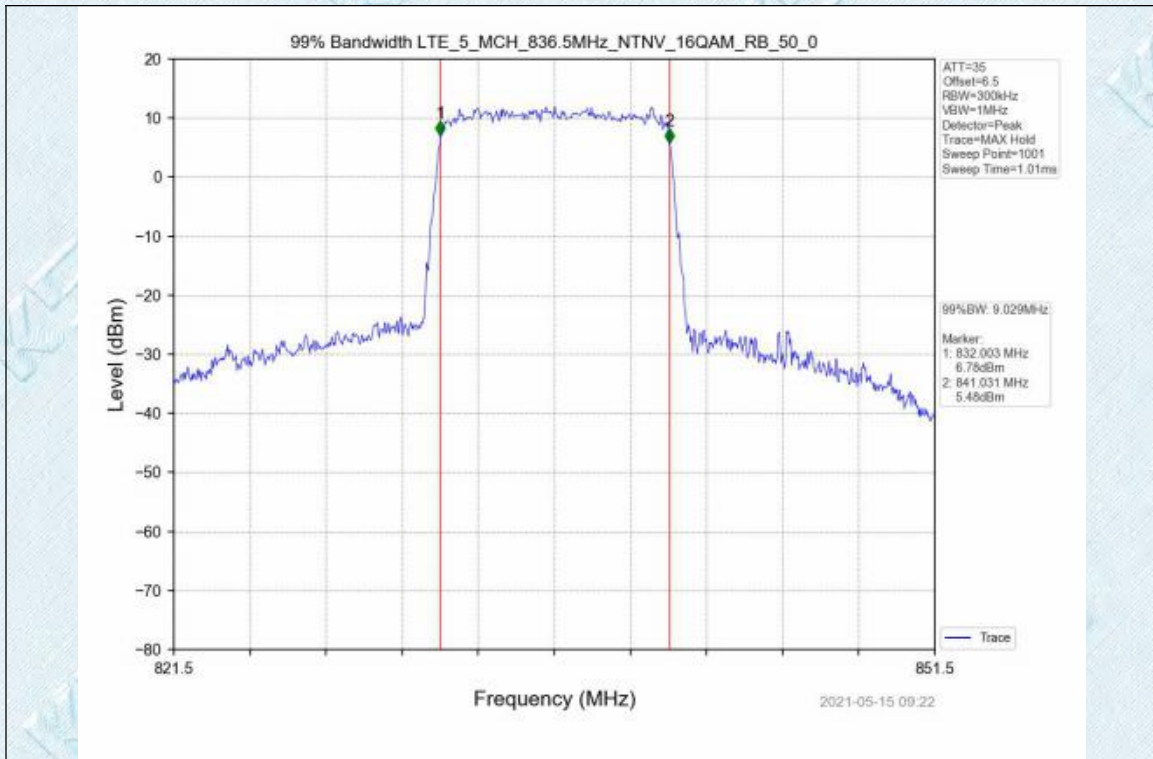


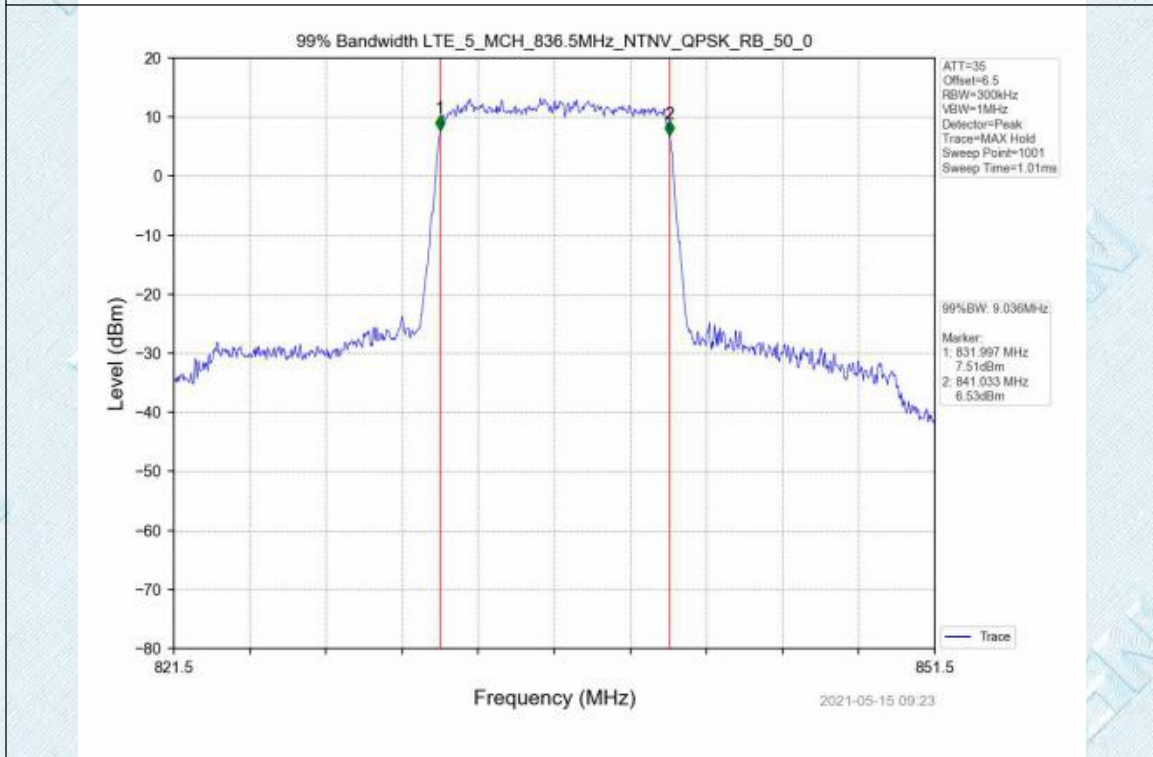
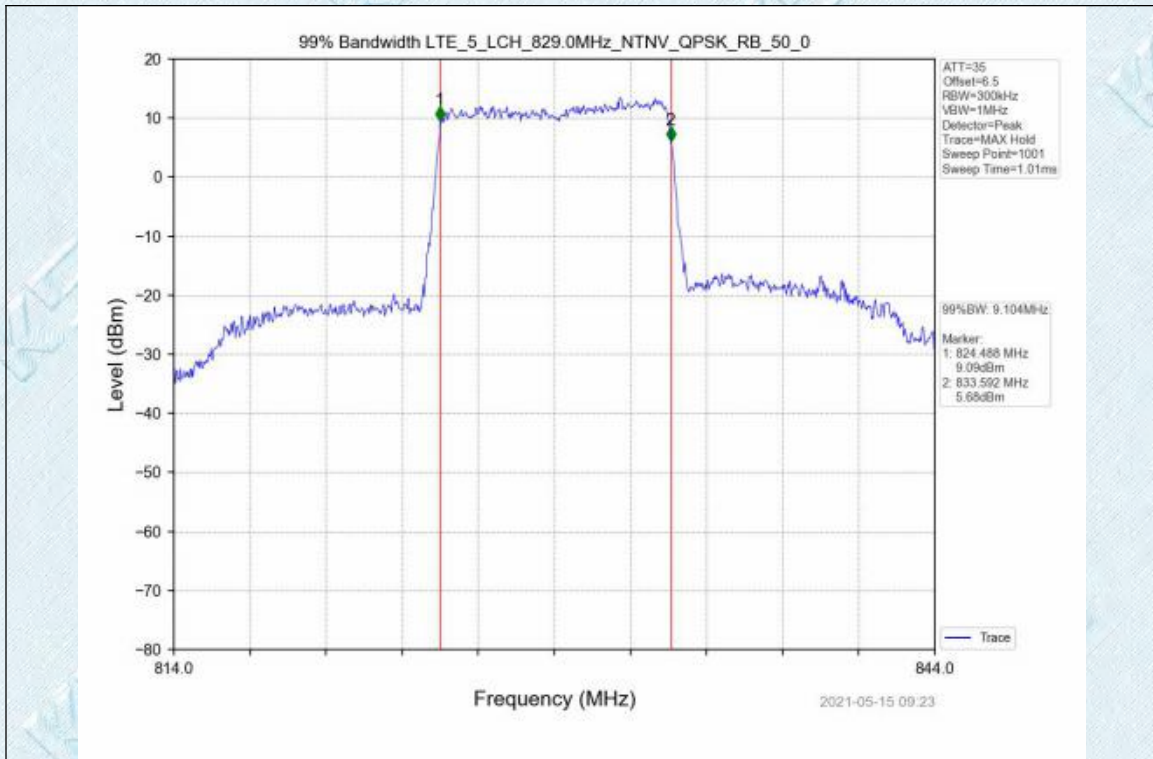


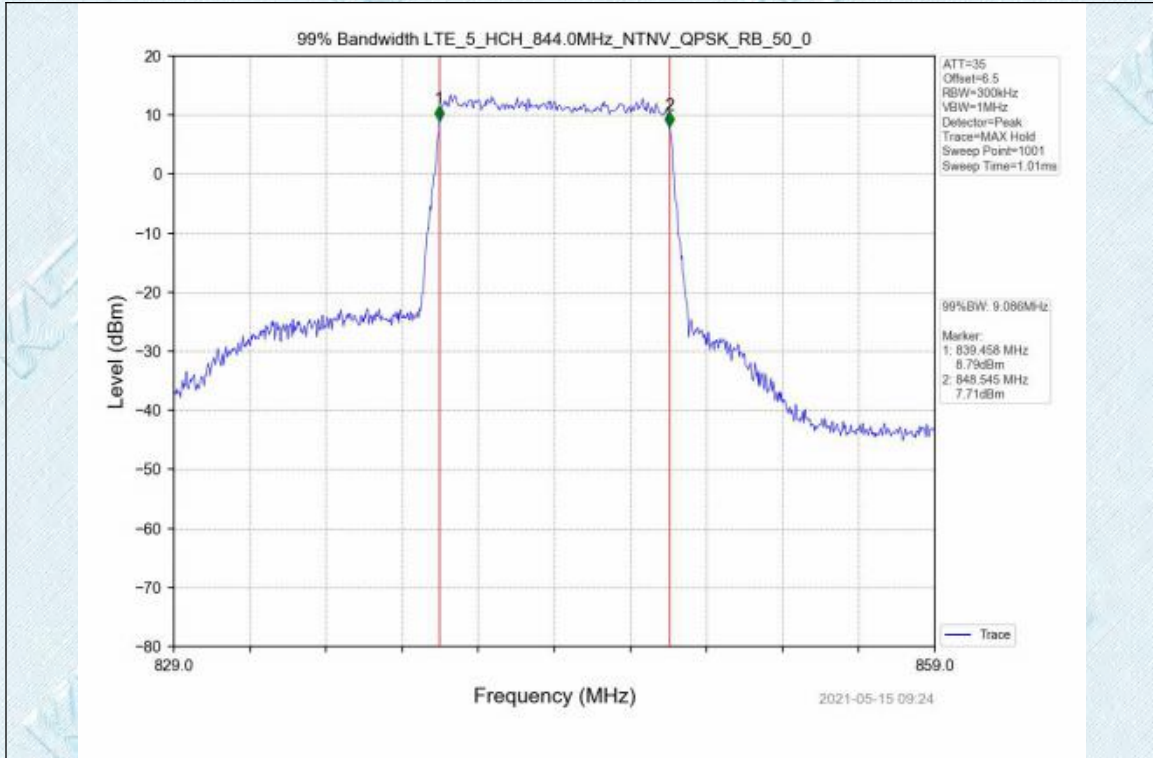
Test Band: 5 10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.104	9.036	9.086	N/A	PASS
16QAM	50	0	9.110	9.029	9.107	N/A	PASS

Test Graph



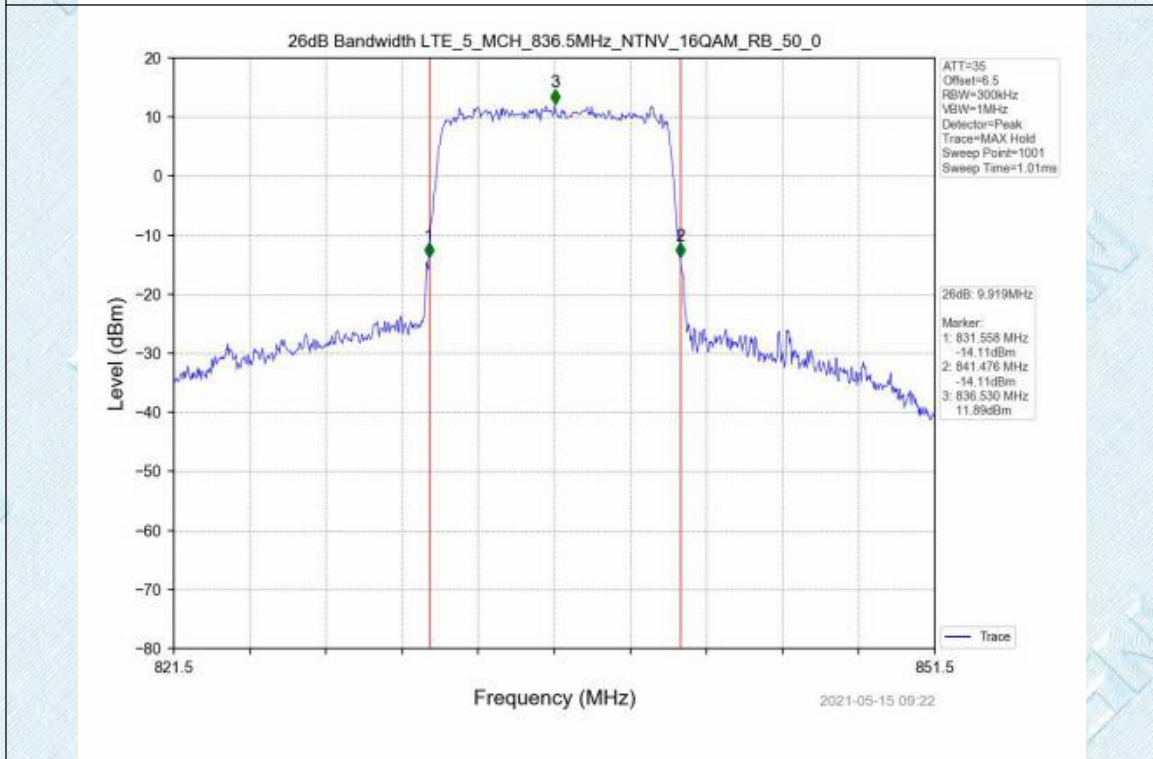
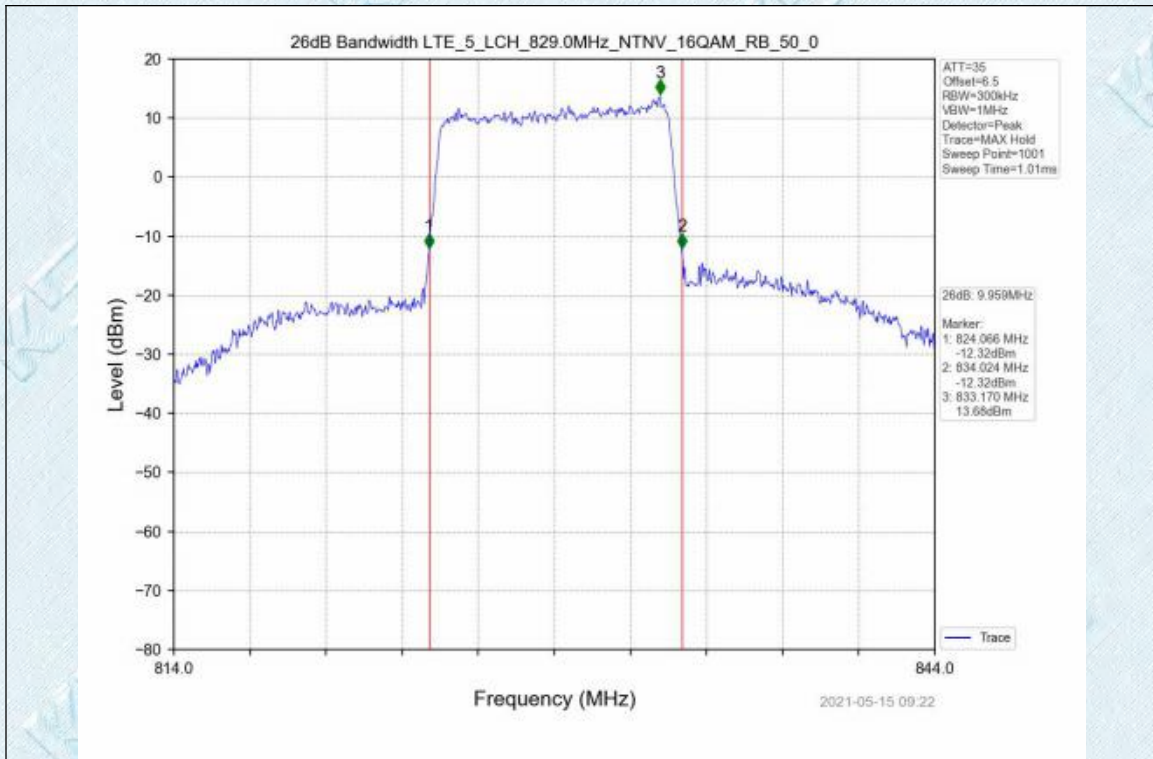


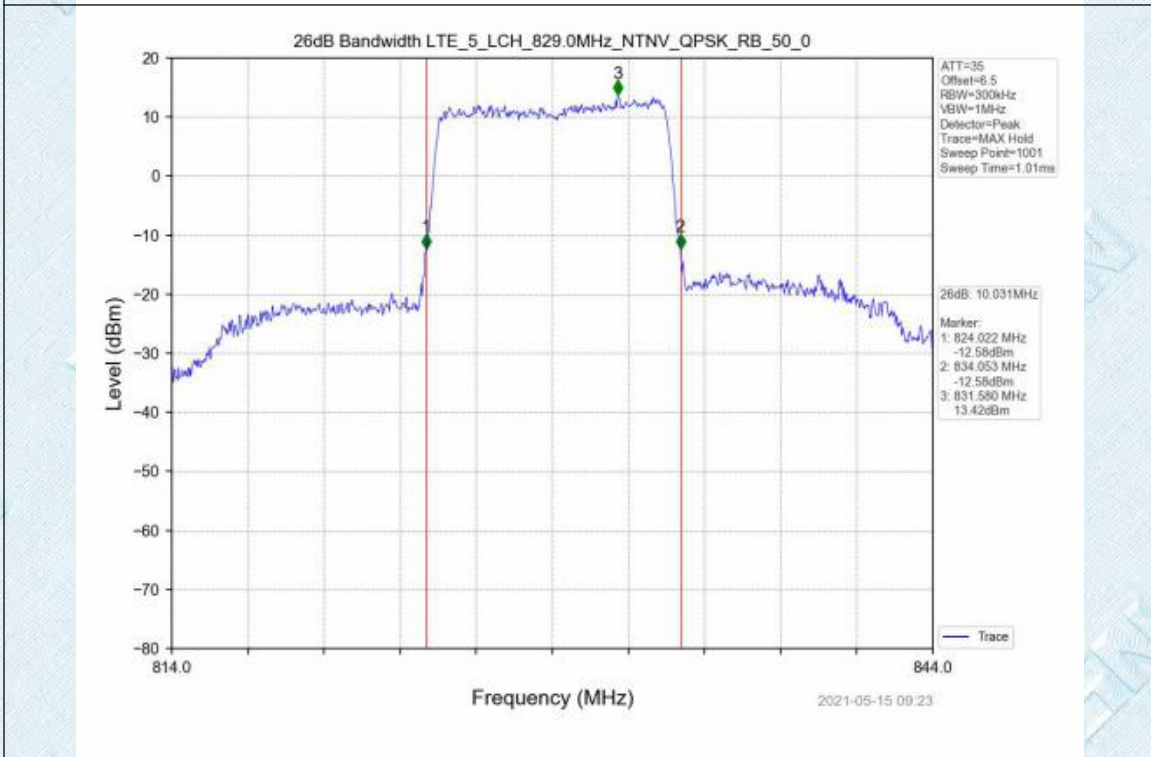
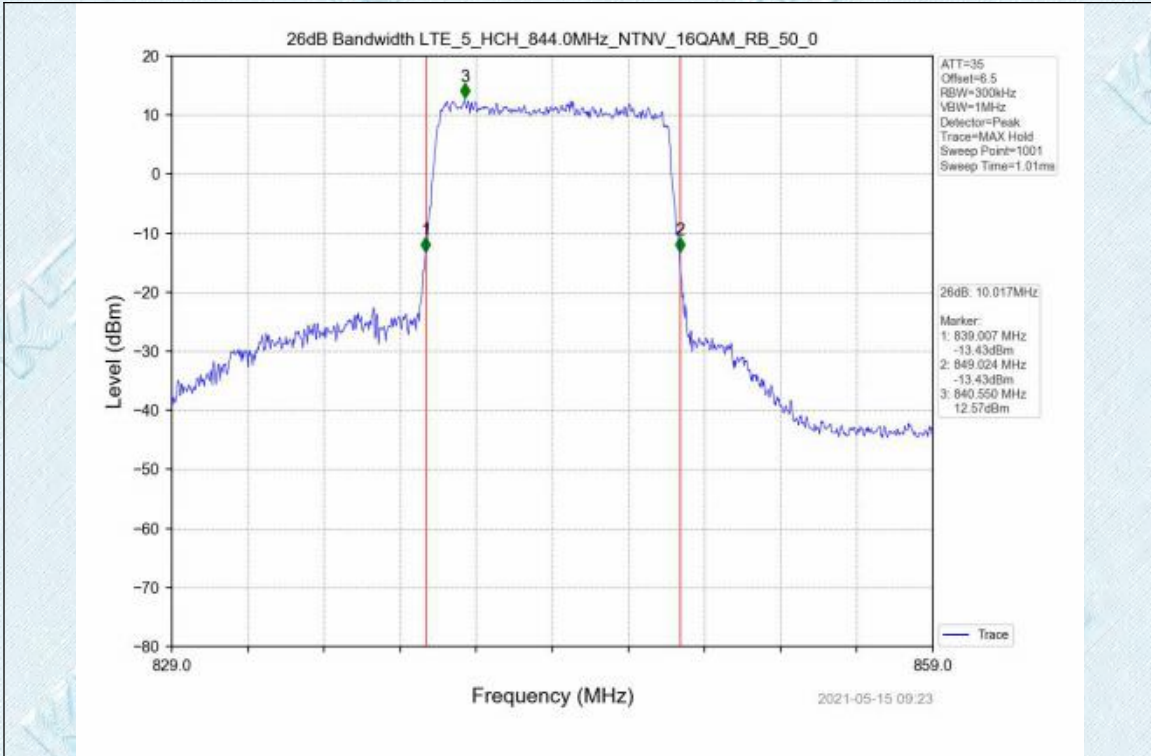


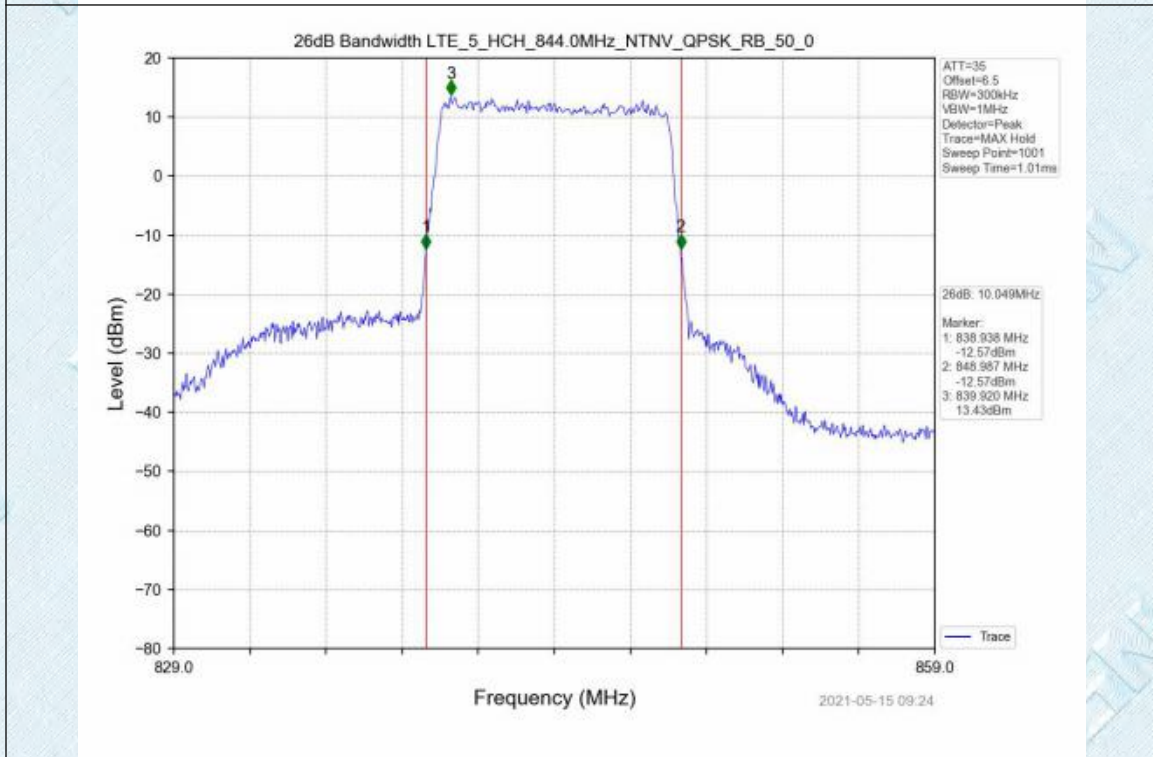
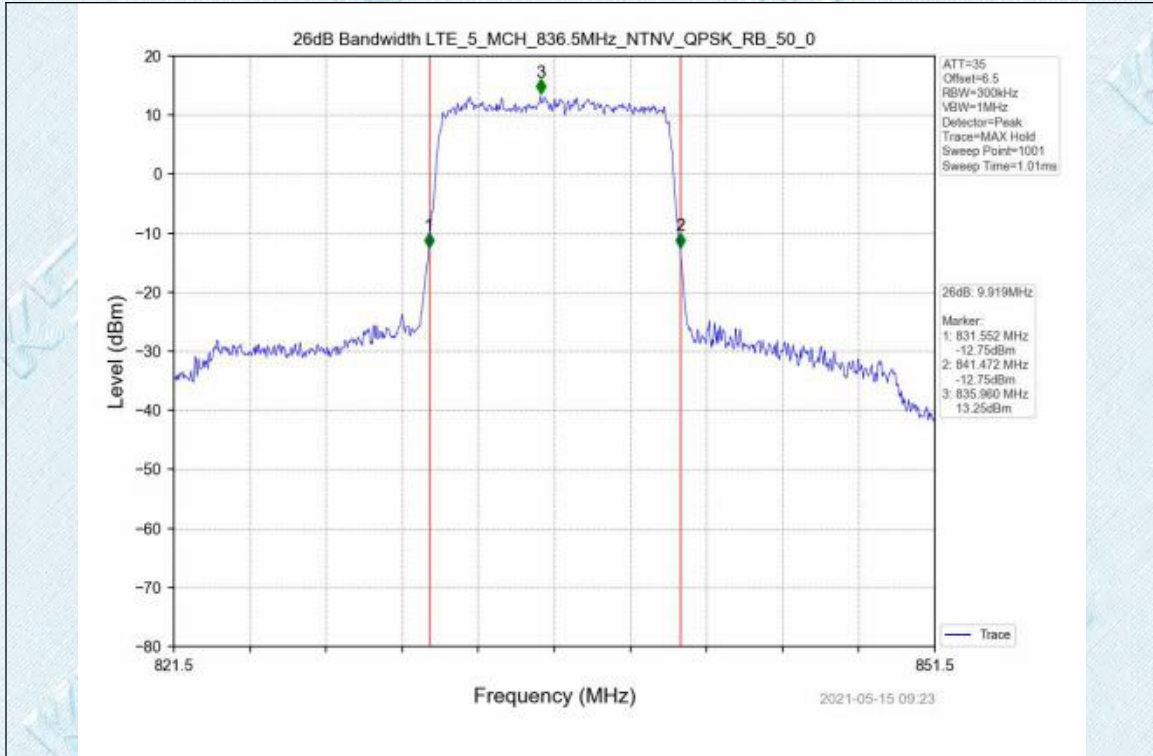


Test Mode	Test Band: 5_10MHz Bandwidth						Limit	Verdict
	RB Allocation		26dB Bandwidth (MHz)					
	Size	Offset	LCH	MCH	HCH			
QPSK	50	0	10.031	9.919	10.049	N/A	PASS	
16QAM	50	0	9.959	9.919	10.017	N/A	PASS	

Test Graph



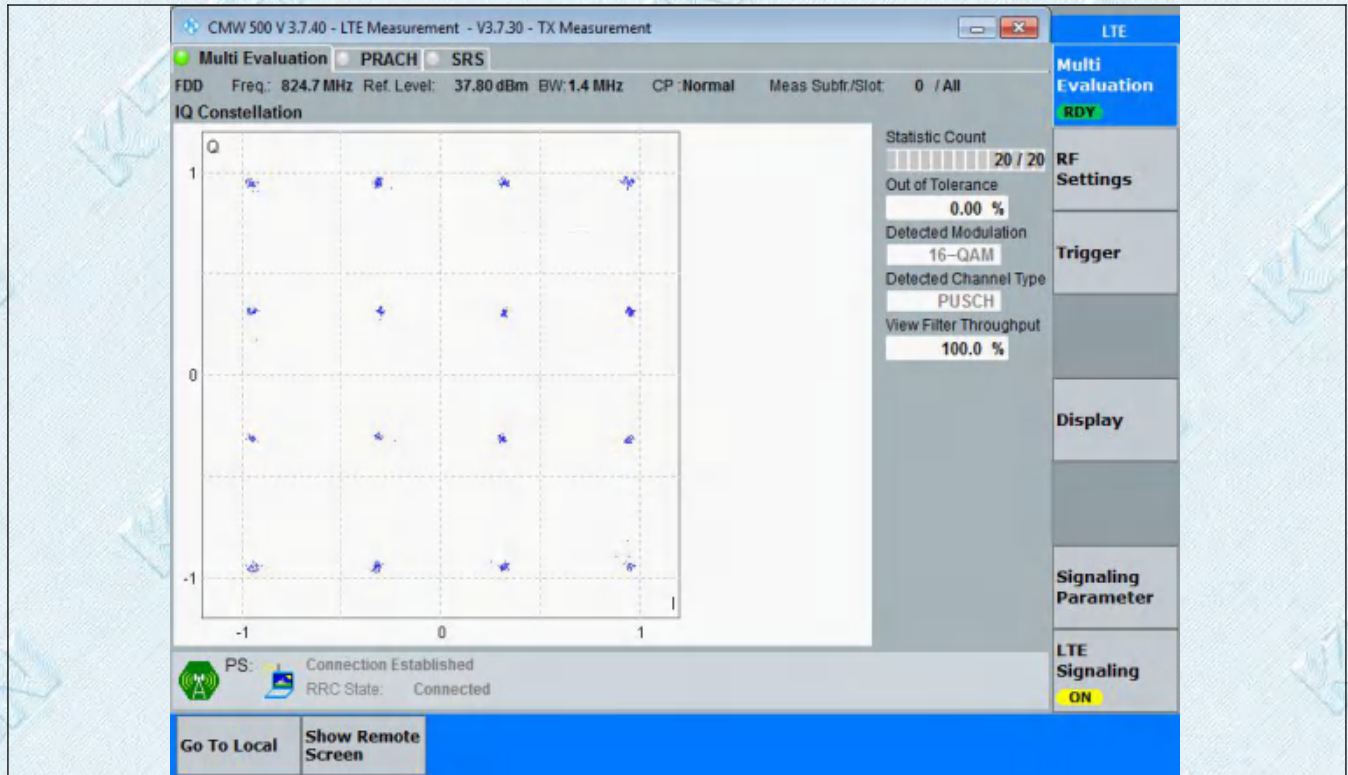




3. Modulation Characteristics

Test Band 5 _1.4MHz Bandwidth

Test Graph

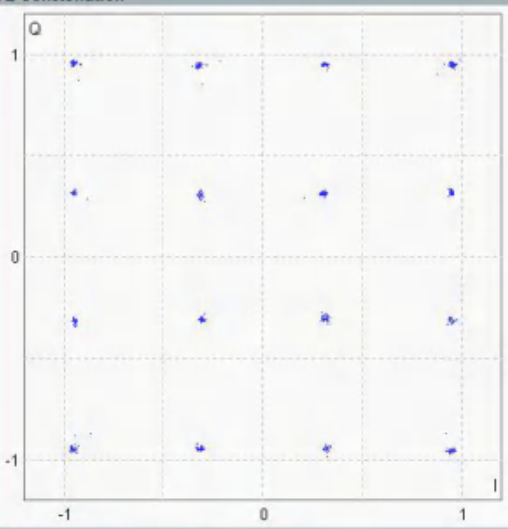


CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 38.00 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

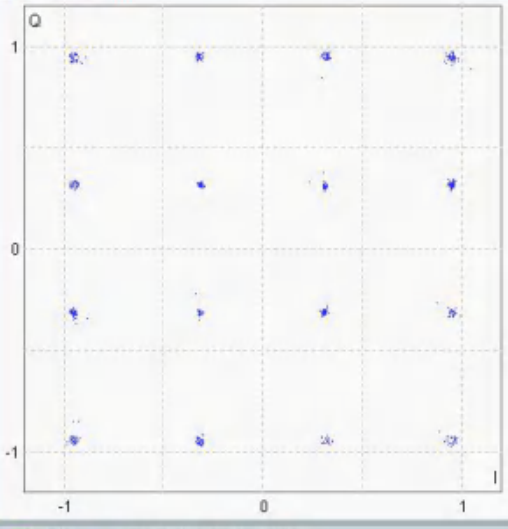
LTE
 Multi Evaluation: RDY
 RF Settings
 Trigger
 Display
 Signaling Parameter
 LTE Signaling: ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 848.3 MHz Ref. Level: 38.20 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

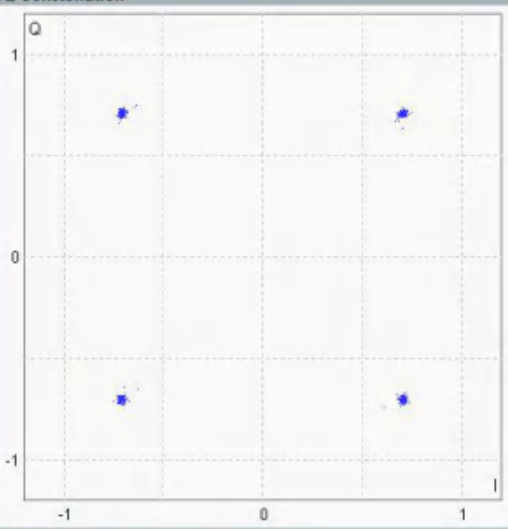
LTE
 Multi Evaluation: RDY
 RF Settings
 Trigger
 Display
 Signaling Parameter
 LTE Signaling: ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 824.7 MHz Ref. Level: 37.90 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

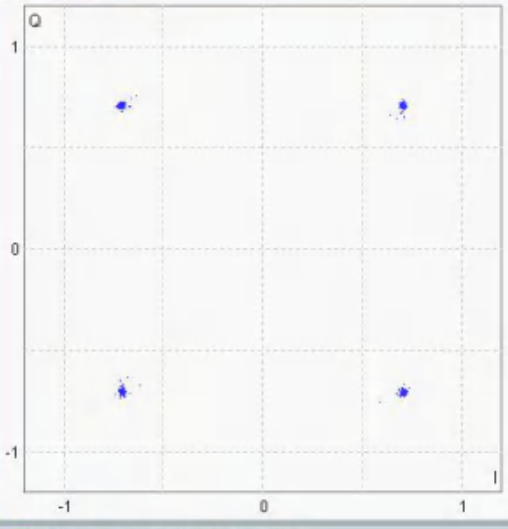
LTE Signaling ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 33.50 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

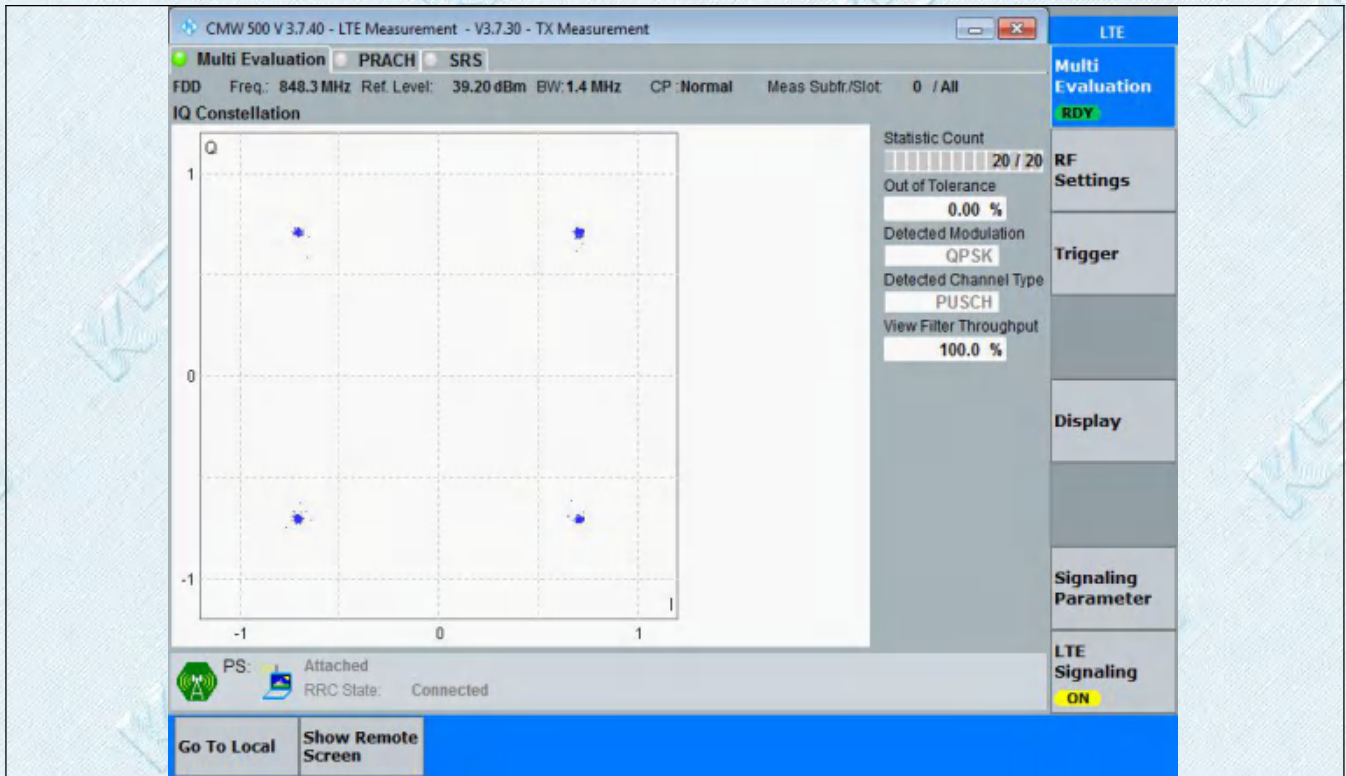
RF Settings

Trigger

Display

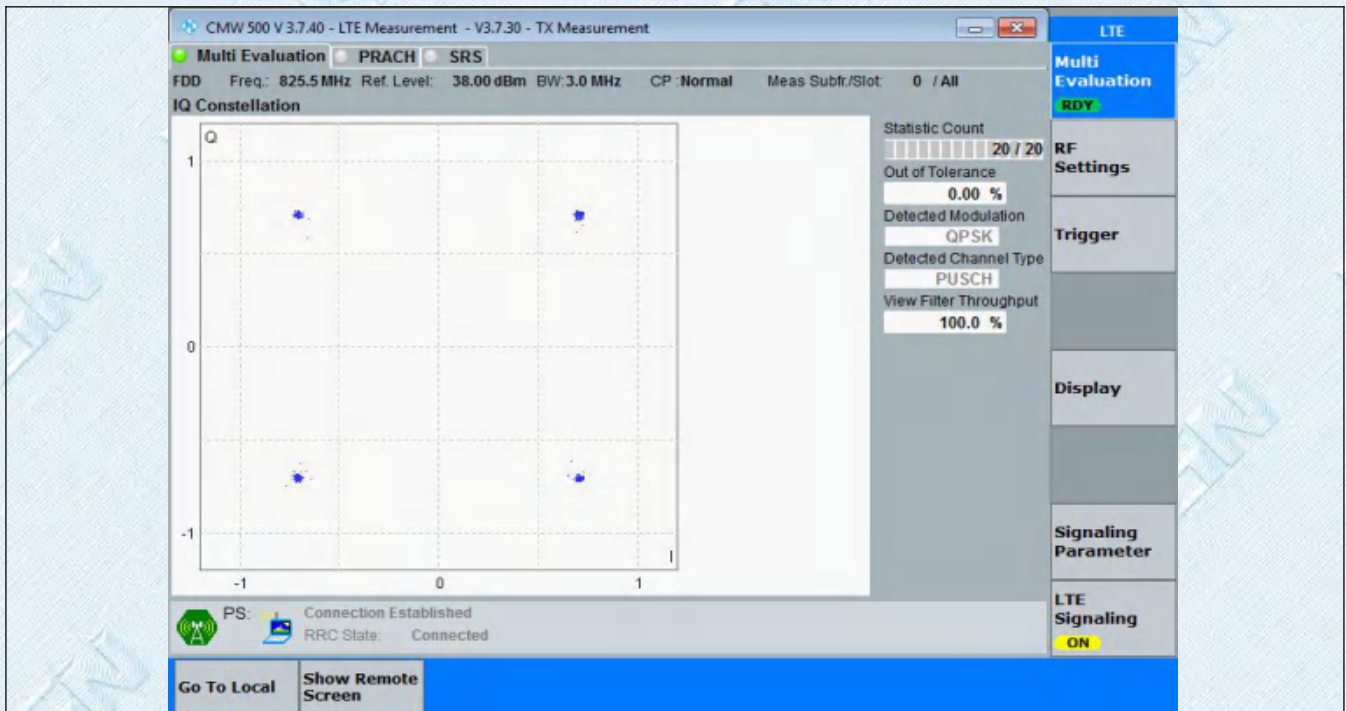
Signaling Parameter

LTE Signaling ON



Test Band 5_3MHz Bandwidth

Test Graph

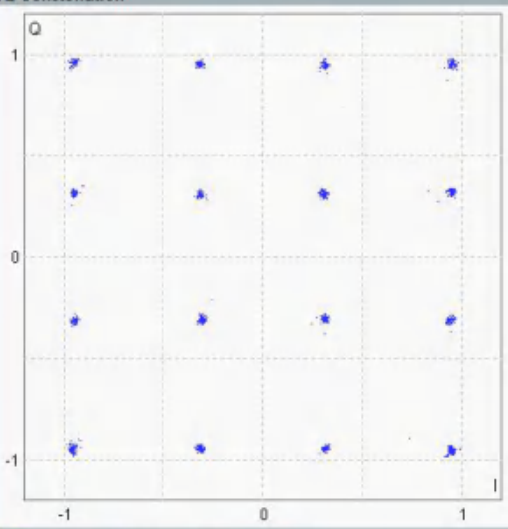


CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 38.10 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

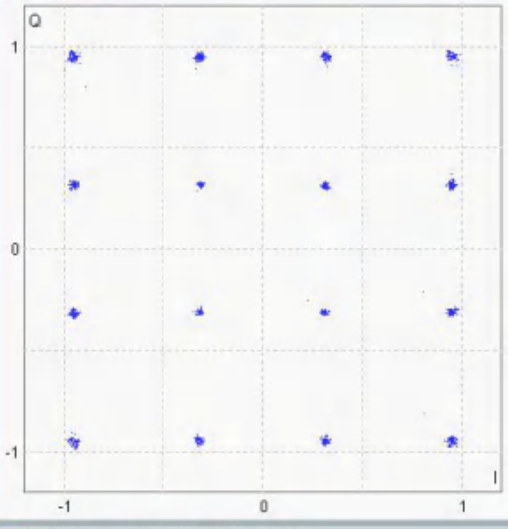
LTE Signaling ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 847.5 MHz Ref. Level: 38.00 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 825.5 MHz Ref. Level: 38.20 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: QPSK
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE
 Multi Evaluation: RDY
 RF Settings
 Trigger
 Display
 Signaling Parameter
 LTE Signaling: ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.00 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

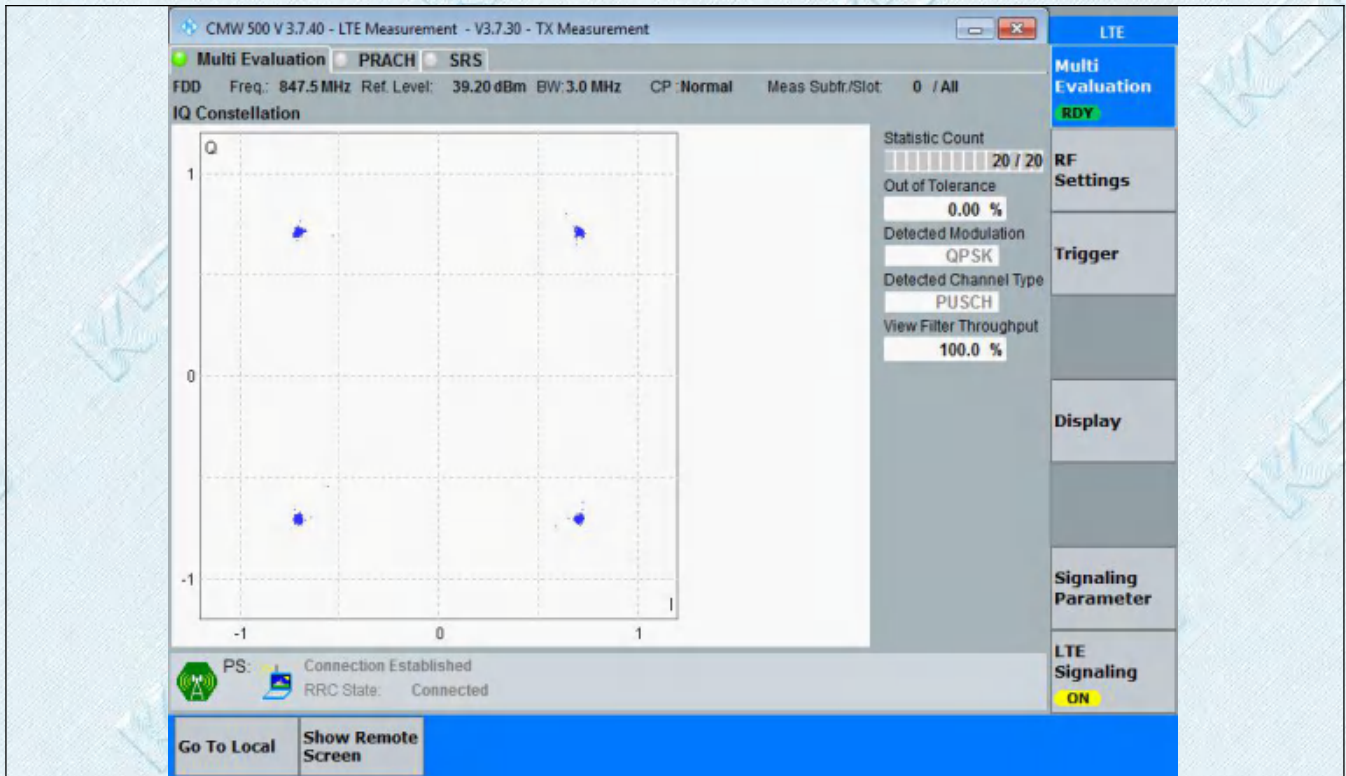
IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: QPSK
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

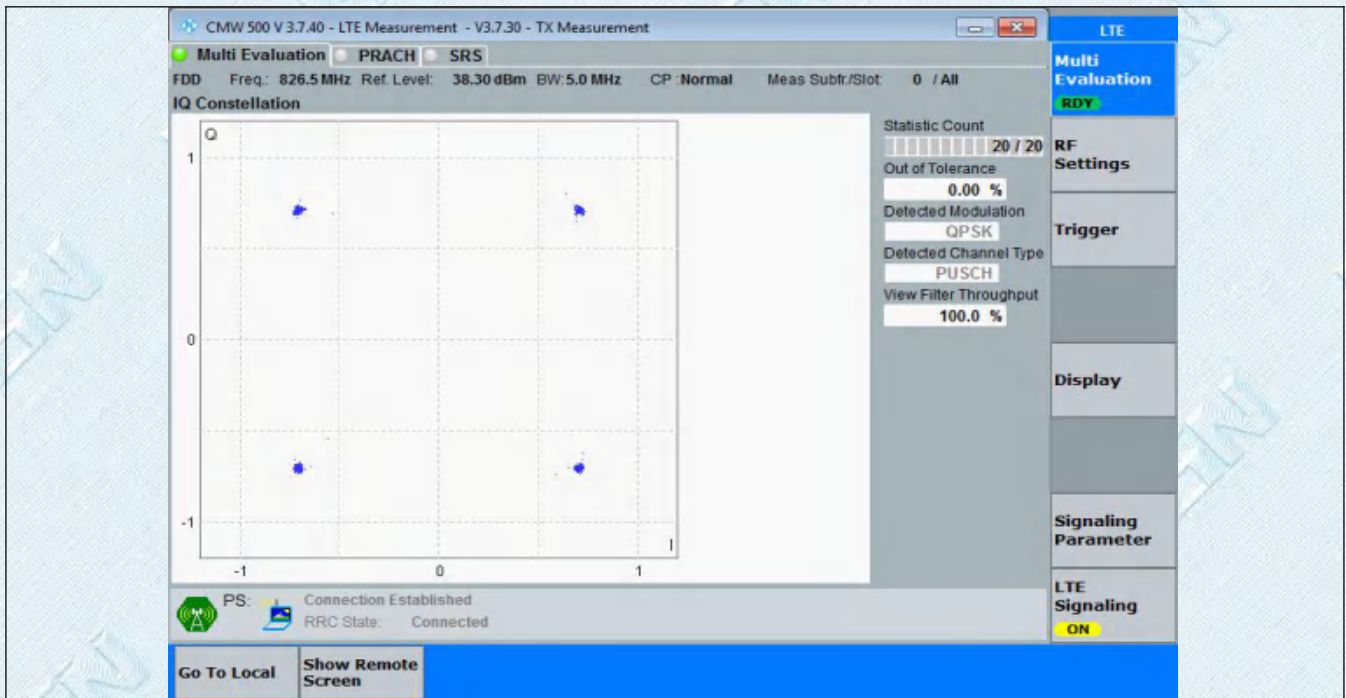
Go To Local Show Remote Screen

LTE
 Multi Evaluation: RDY
 RF Settings
 Trigger
 Display
 Signaling Parameter
 LTE Signaling: ON



Test Band 5 _5MHz Bandwidth

Test Graph

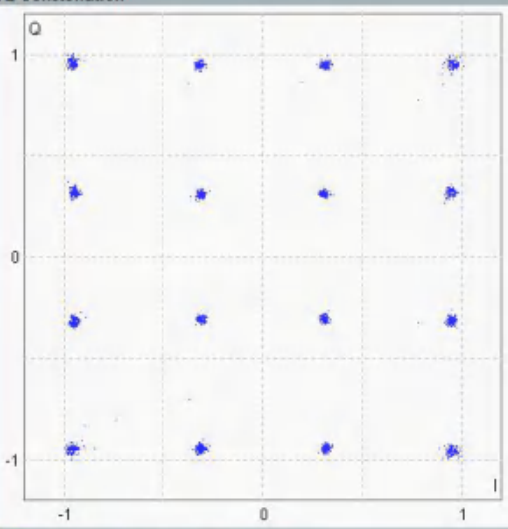


CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 38.10 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

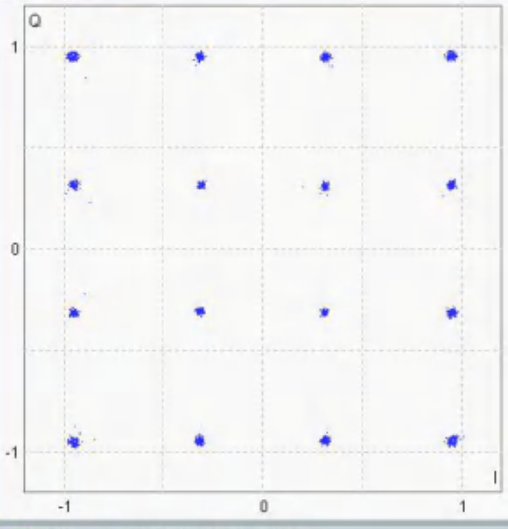
LTE Signaling ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 846.5 MHz Ref. Level: 38.20 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

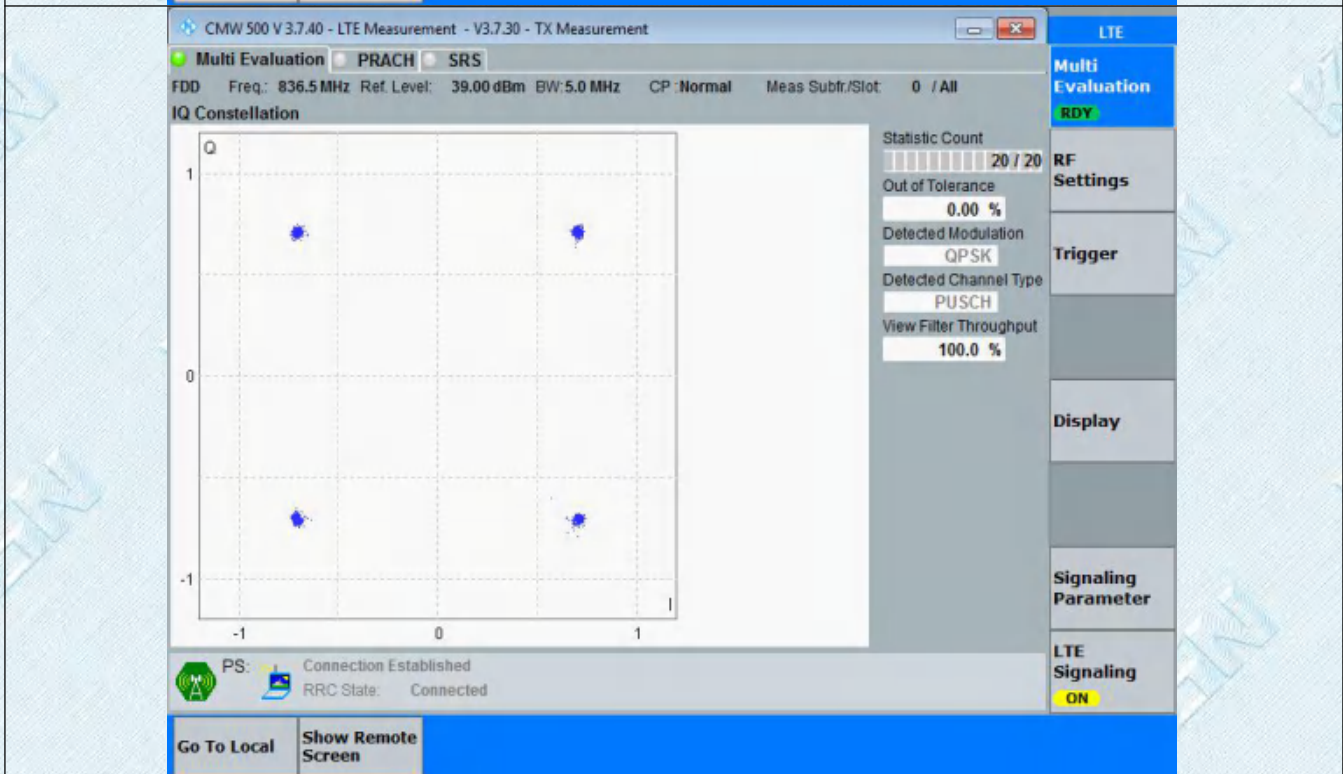
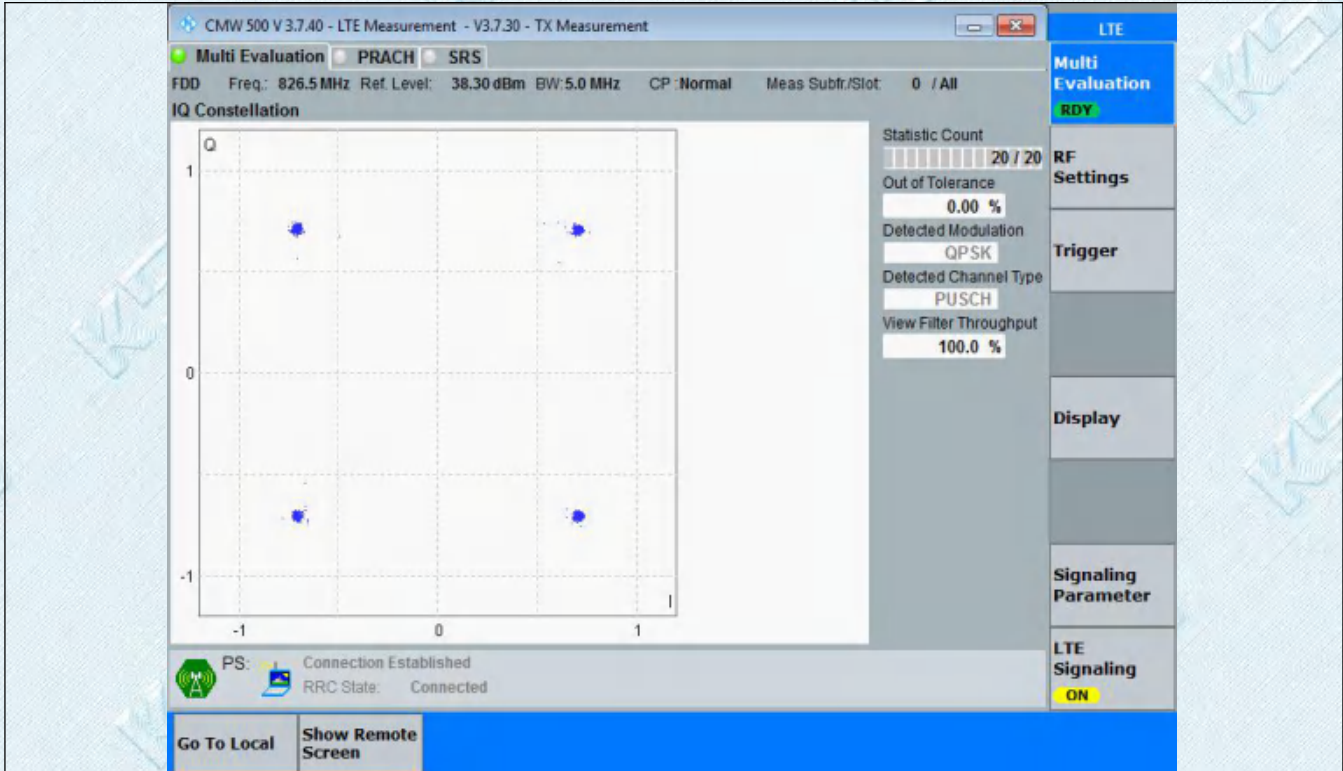
RF Settings

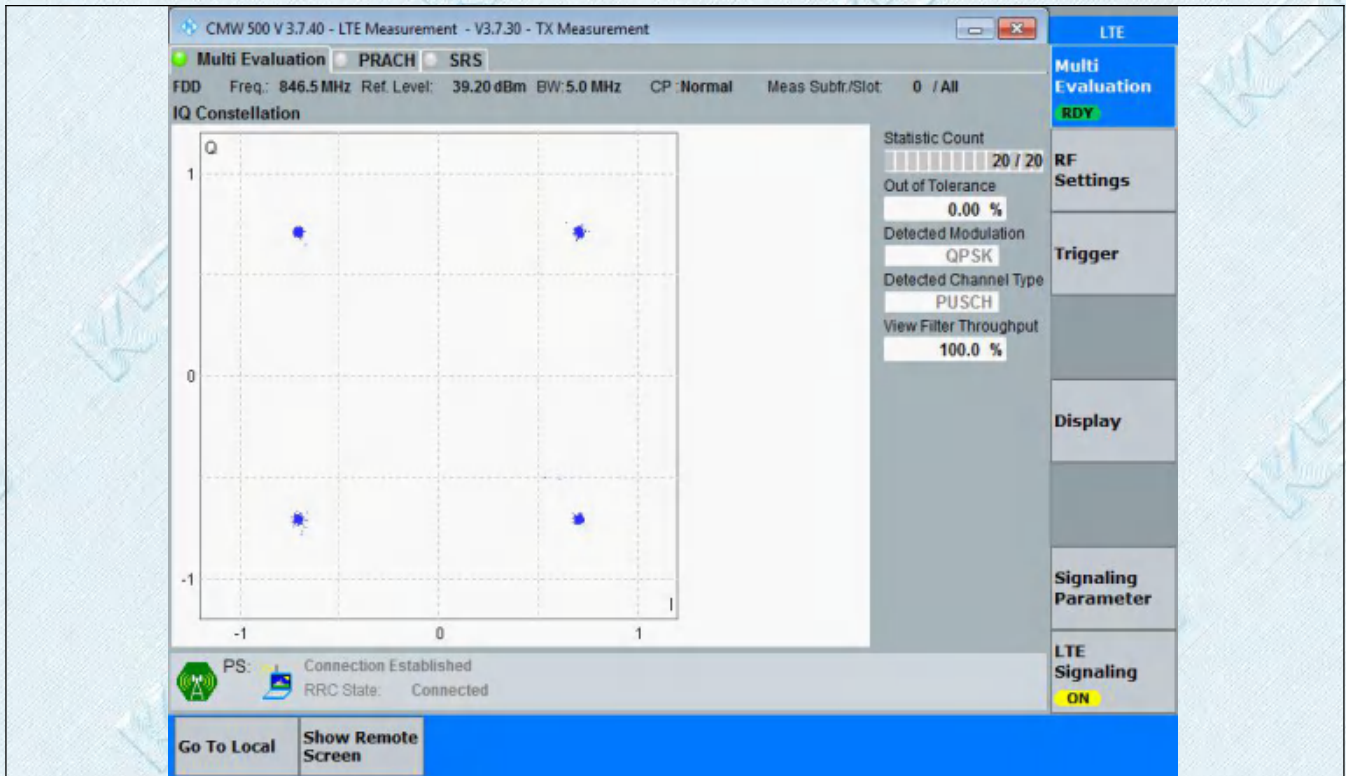
Trigger

Display

Signaling Parameter

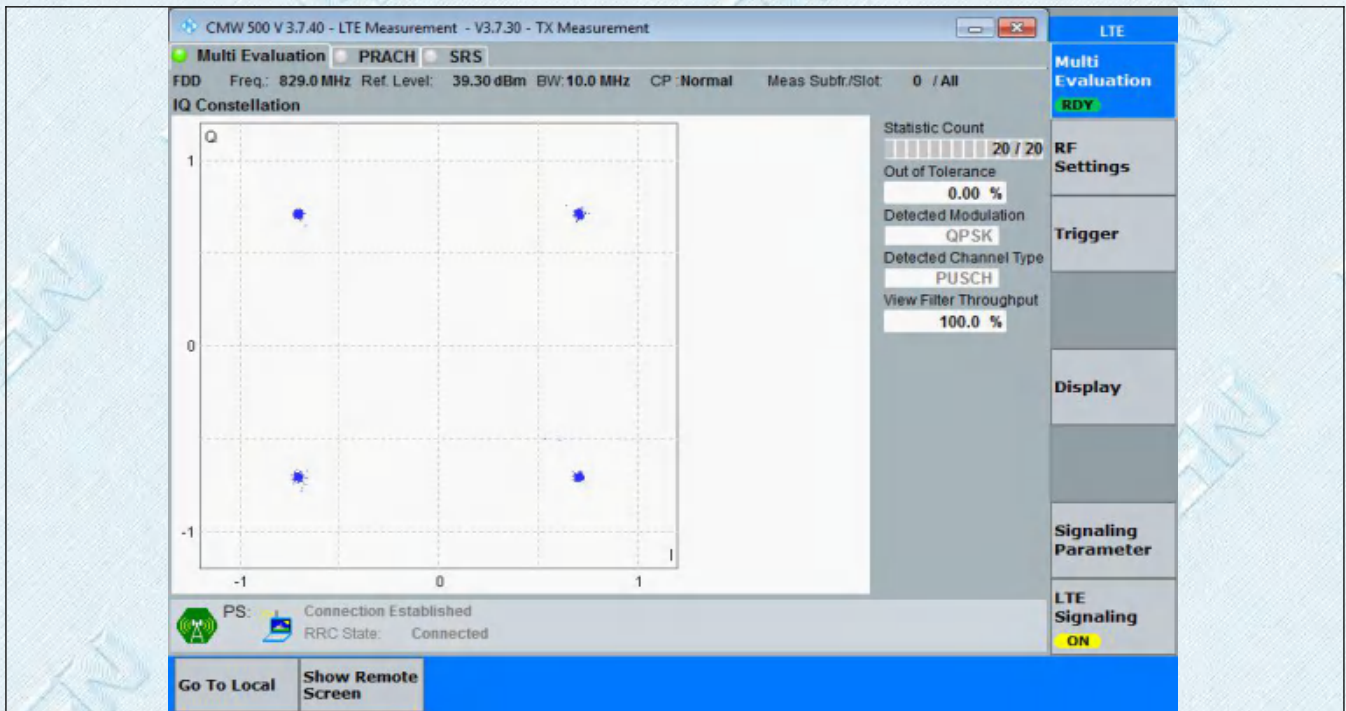
LTE Signaling ON

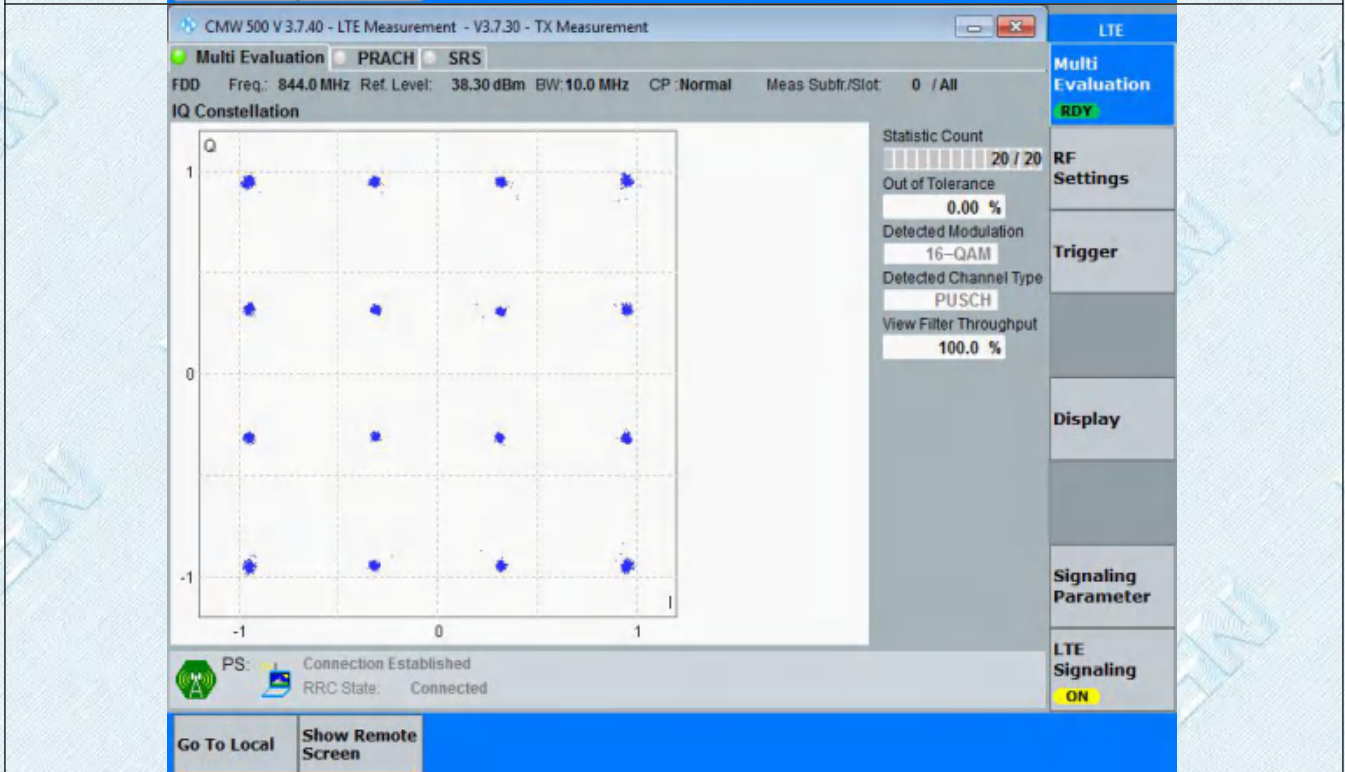
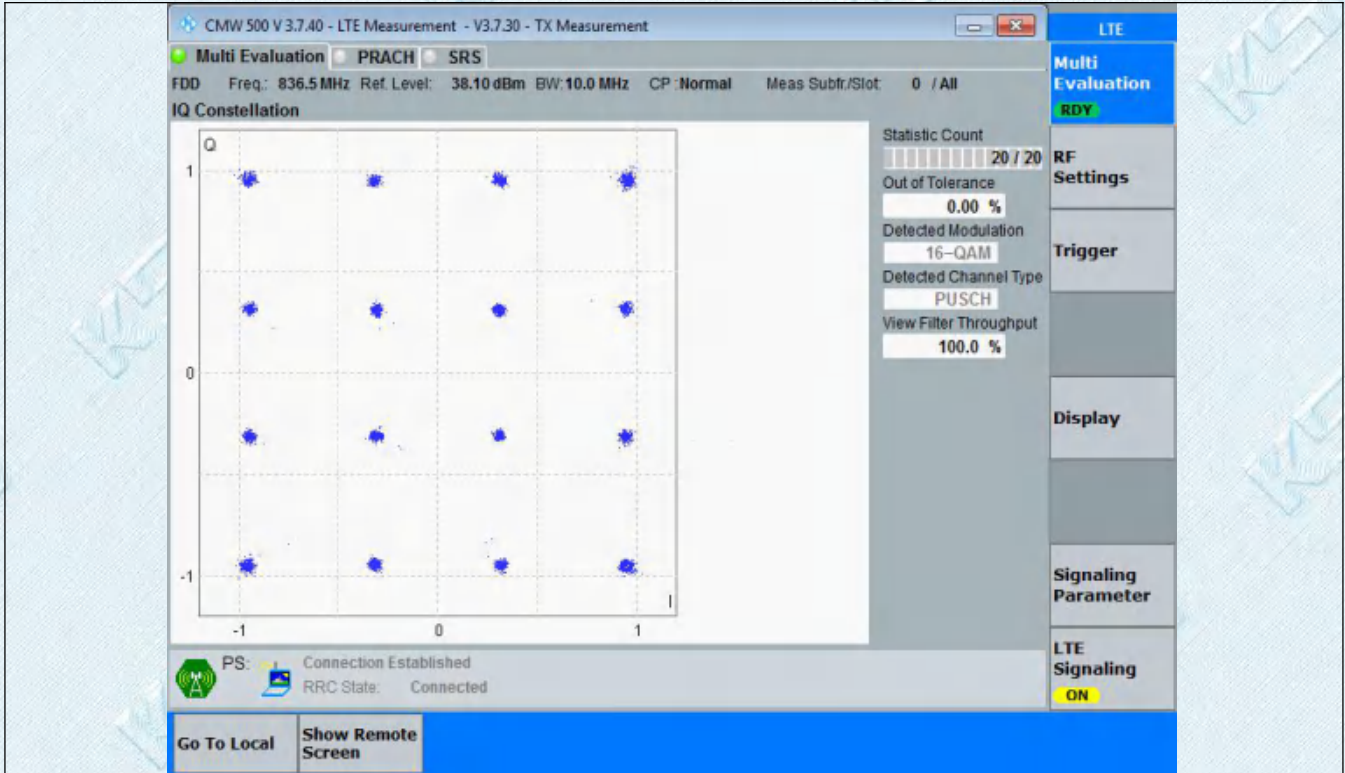




Test Band 5 _10MHz Bandwidth

Test Graph





CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 829.0 MHz Ref. Level: 38.40 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: QPSK
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling ON

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 39.00 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: QPSK
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY

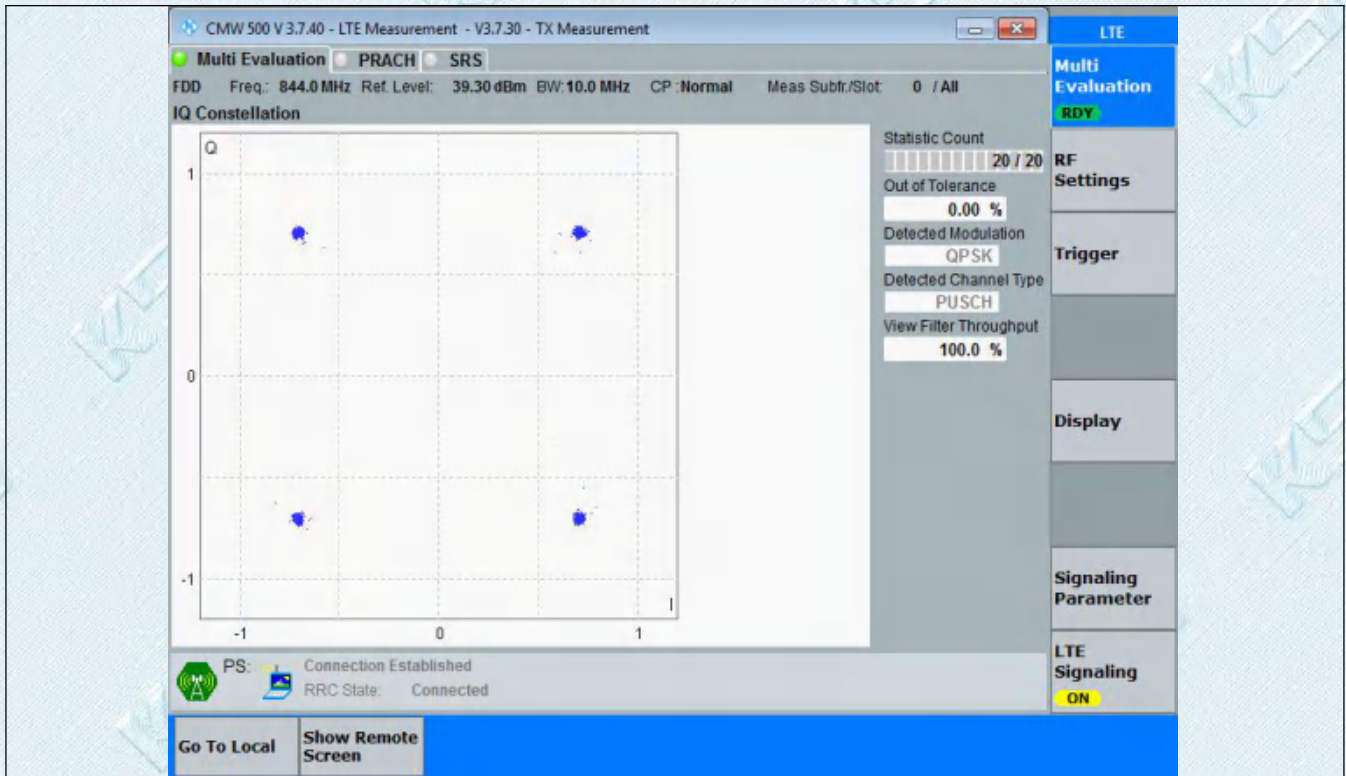
RF Settings

Trigger

Display

Signaling Parameter

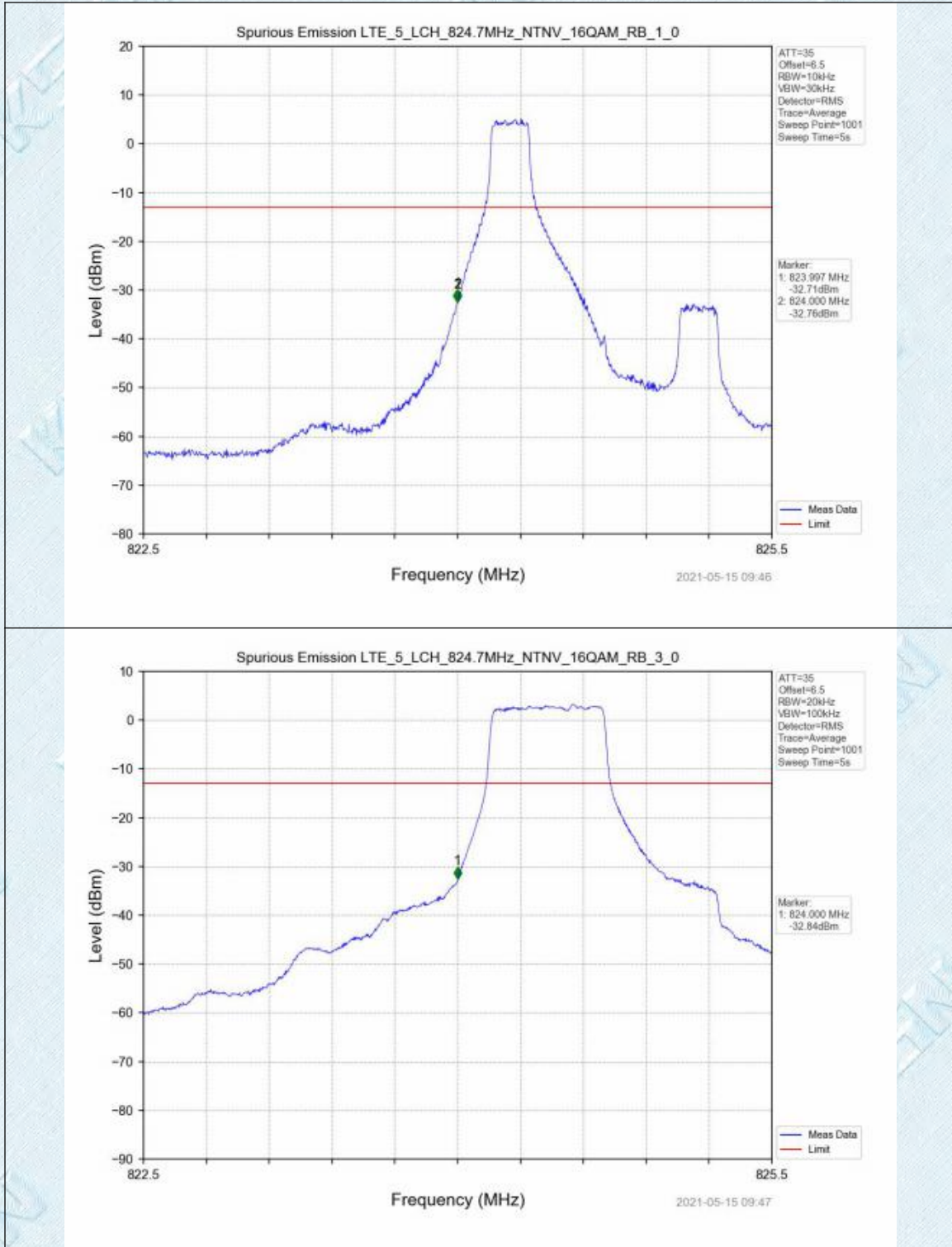
LTE Signaling ON

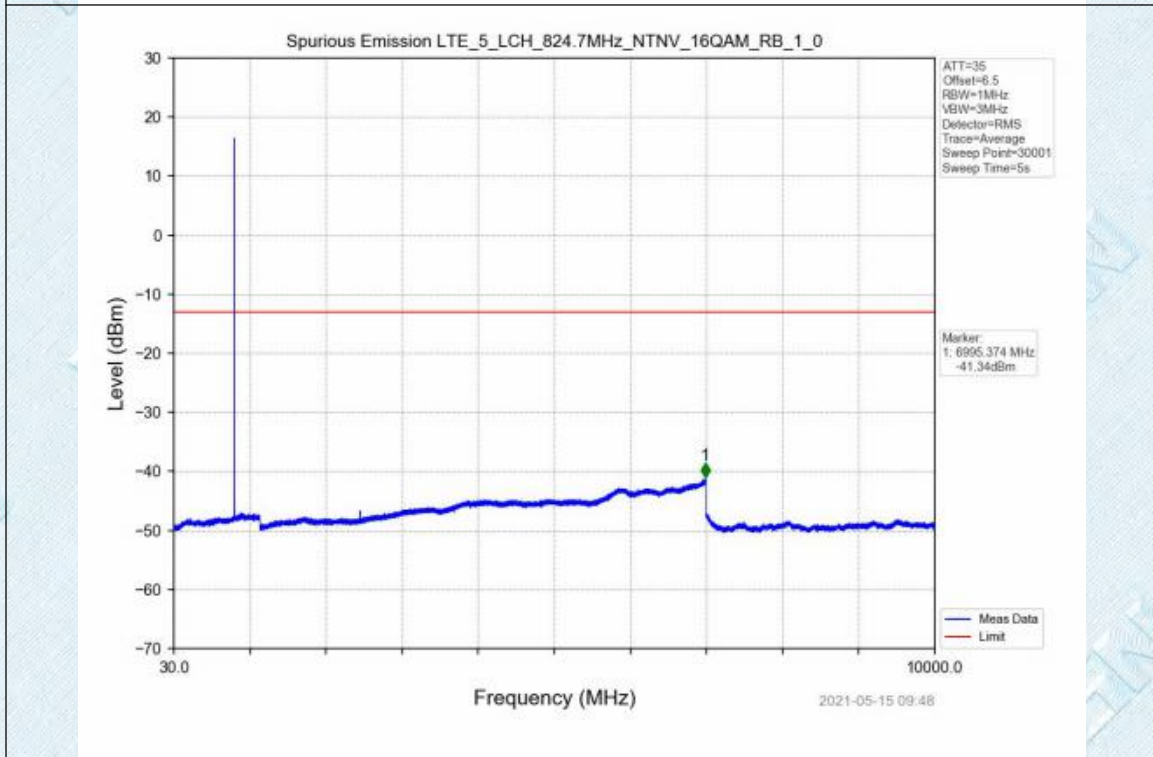
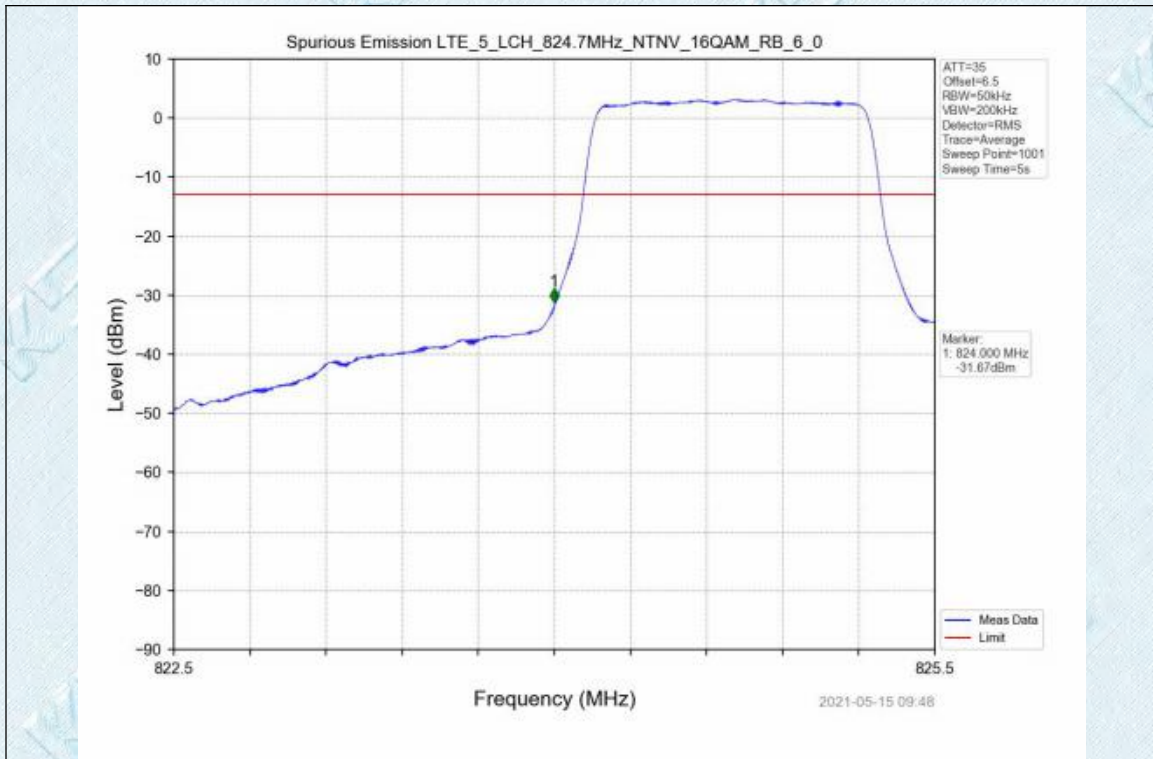


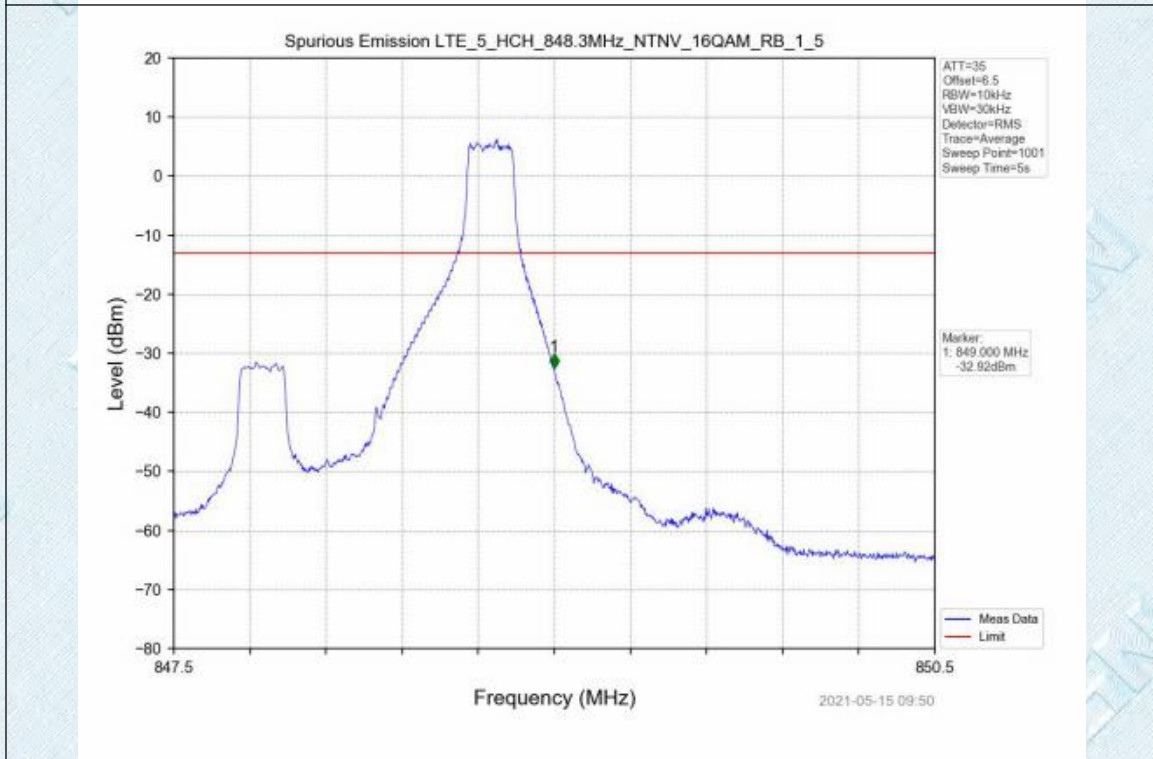
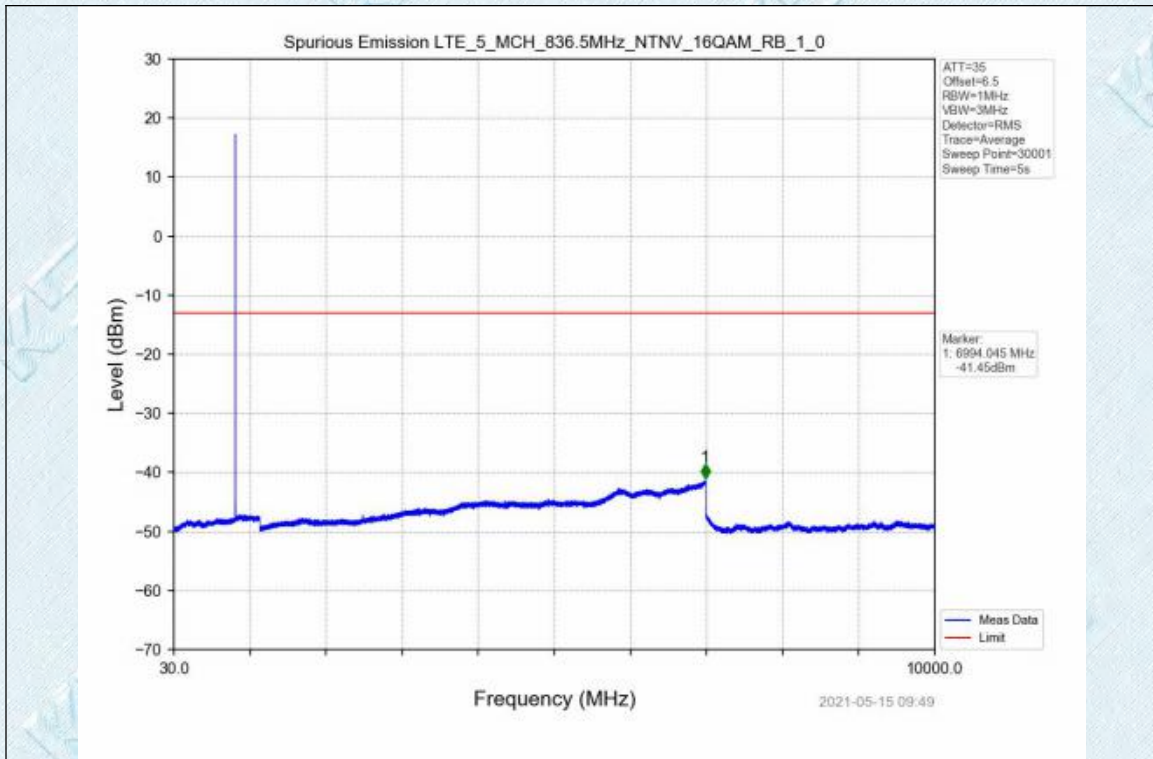
4.Spurious Emission

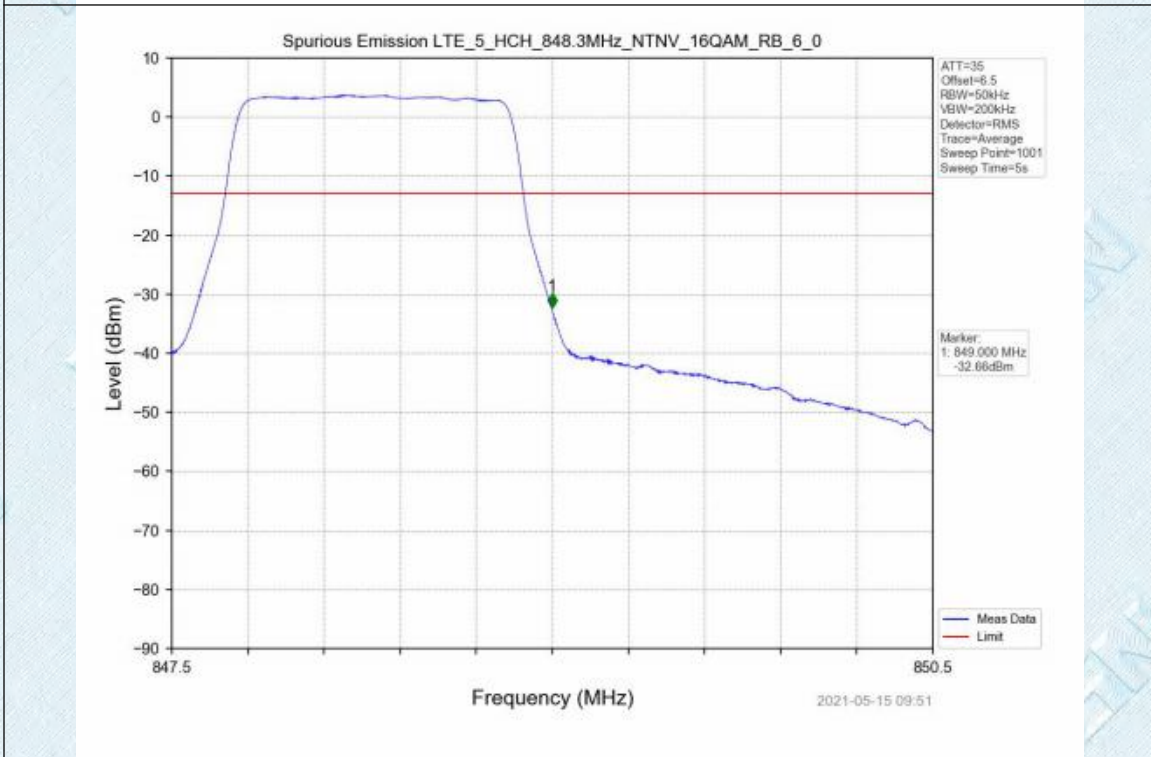
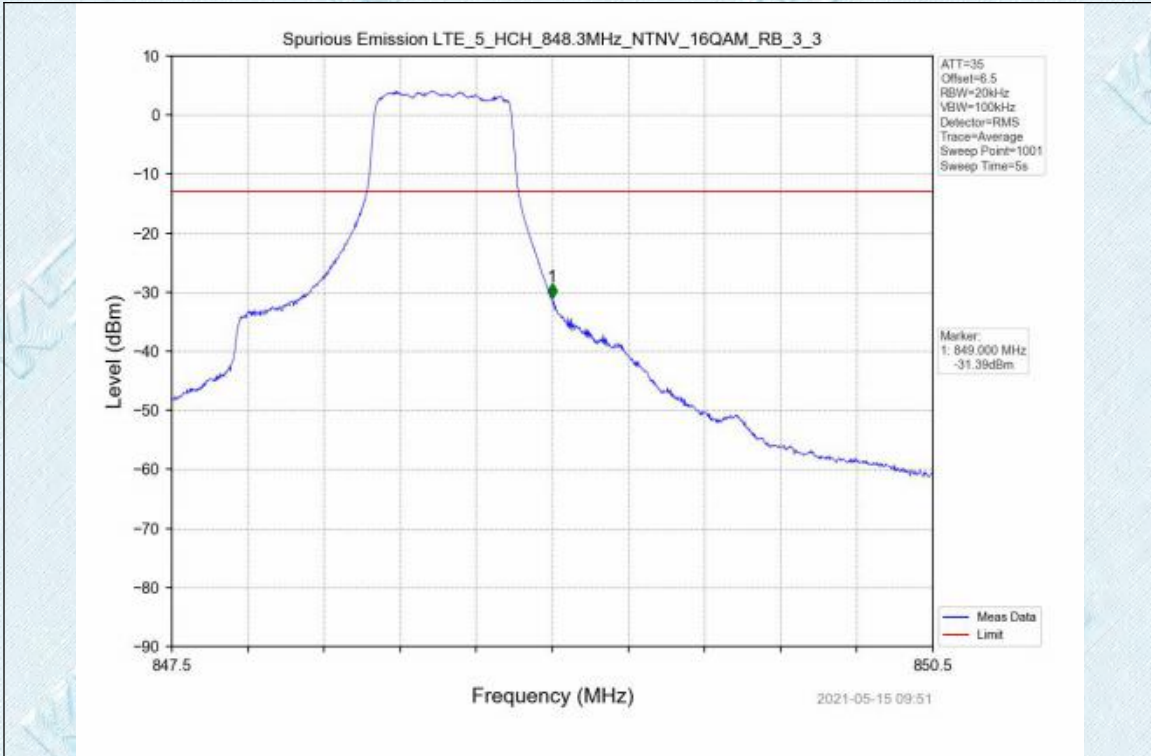
Test Band 5 _1.4MHz Bandwidth

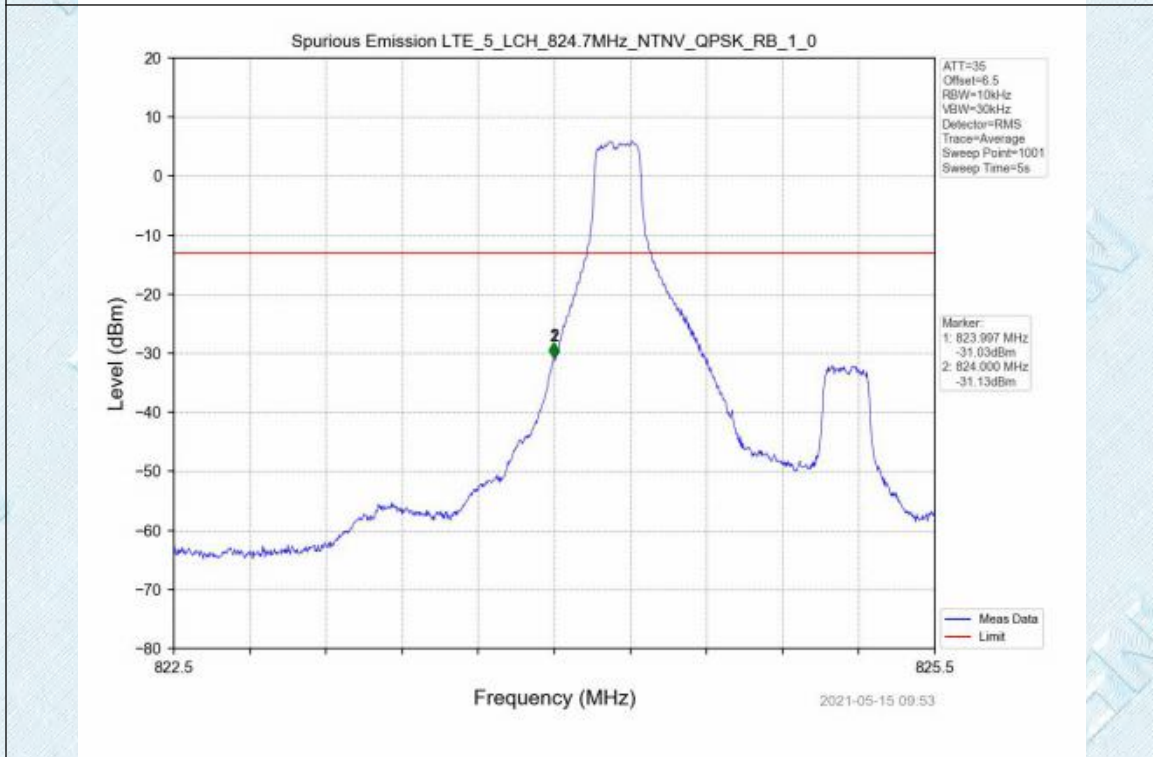
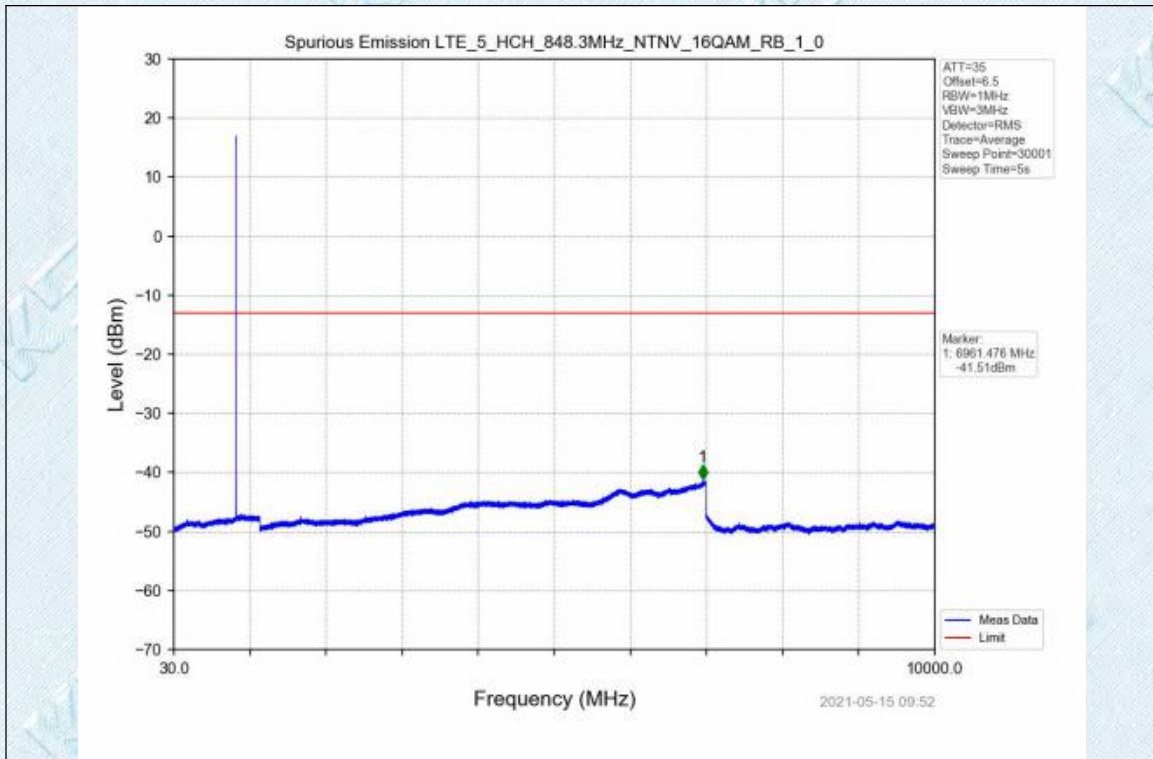
Test Graph

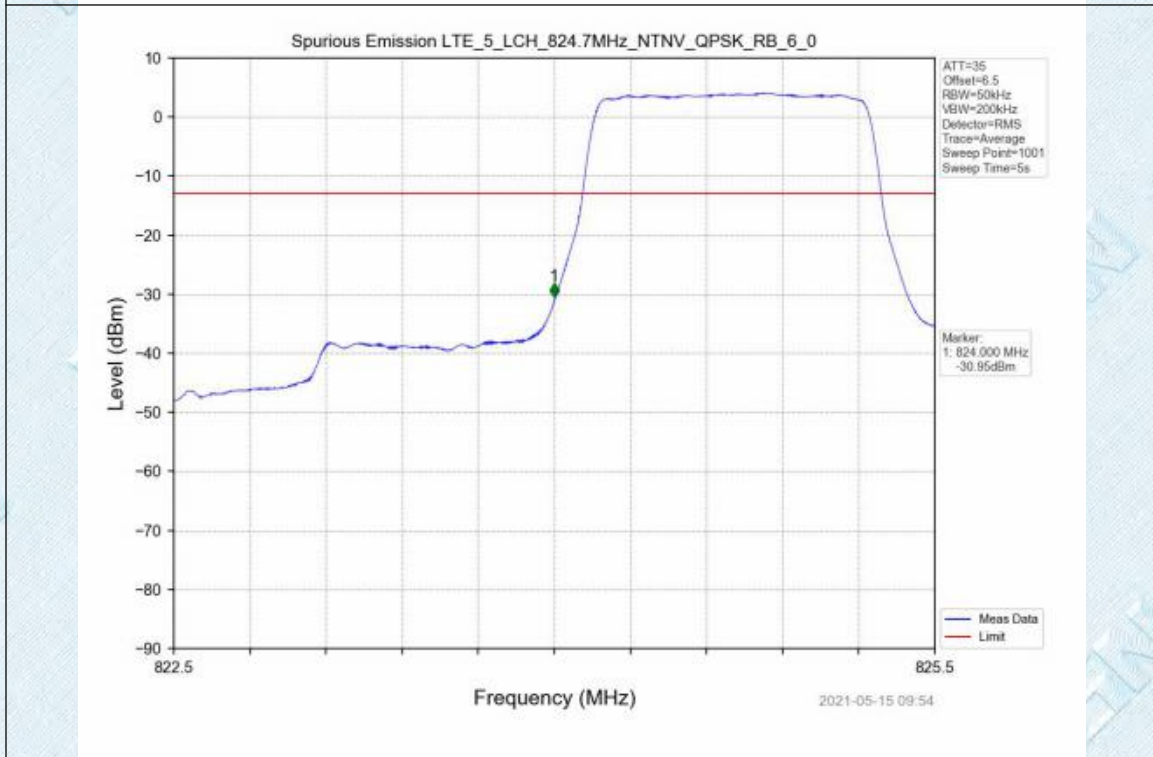
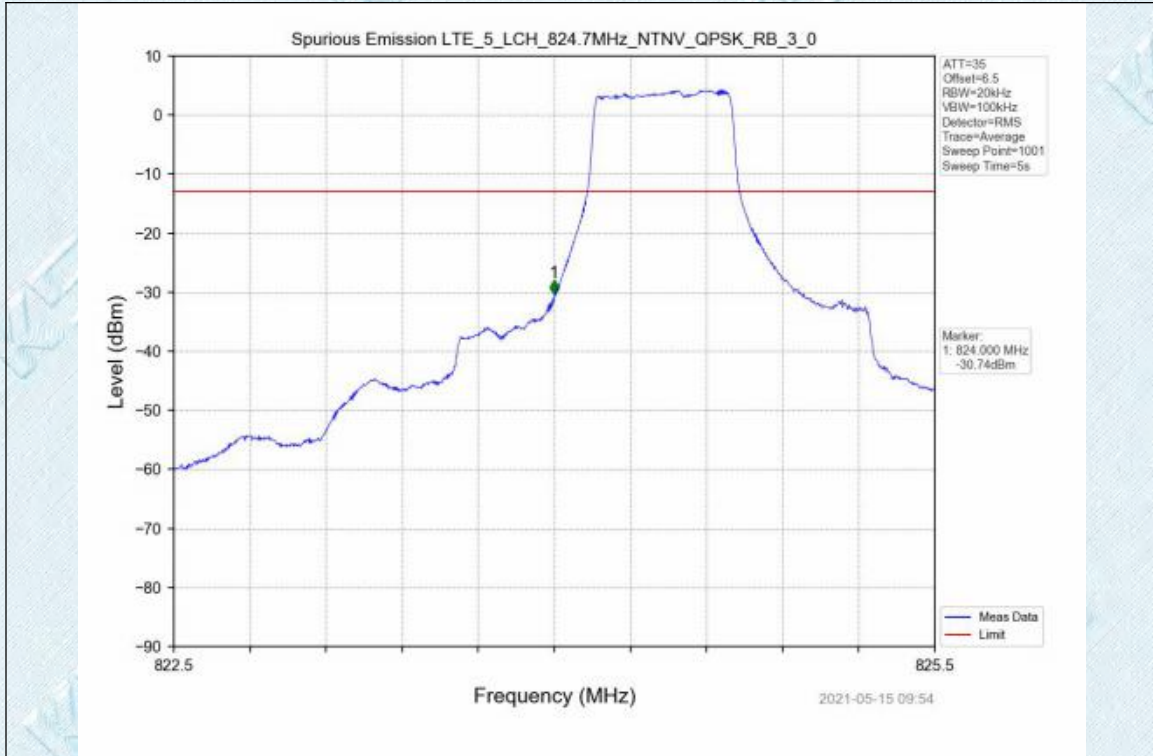


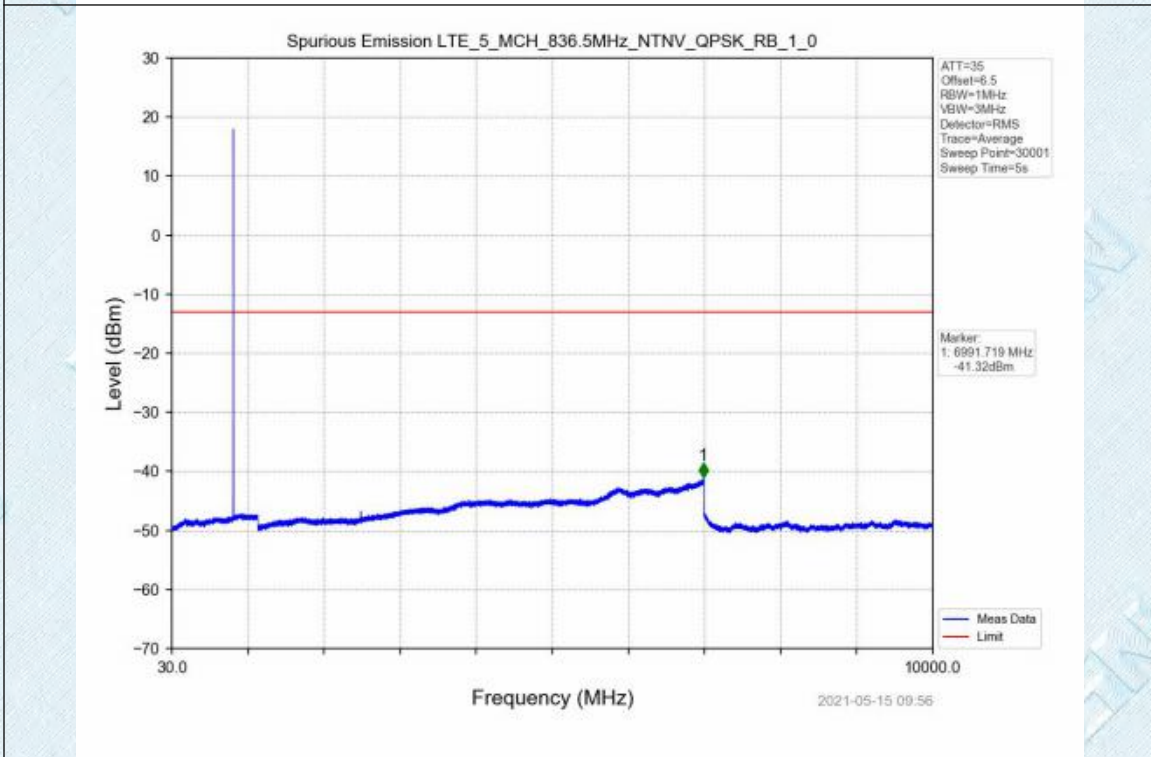
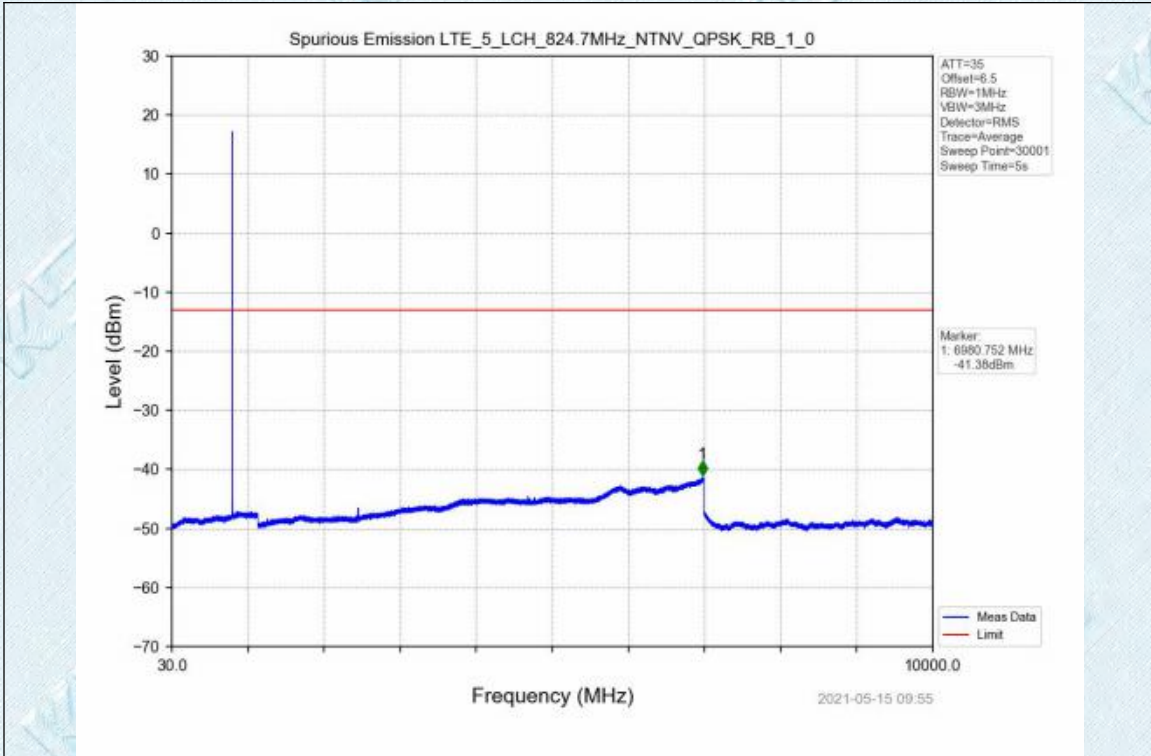


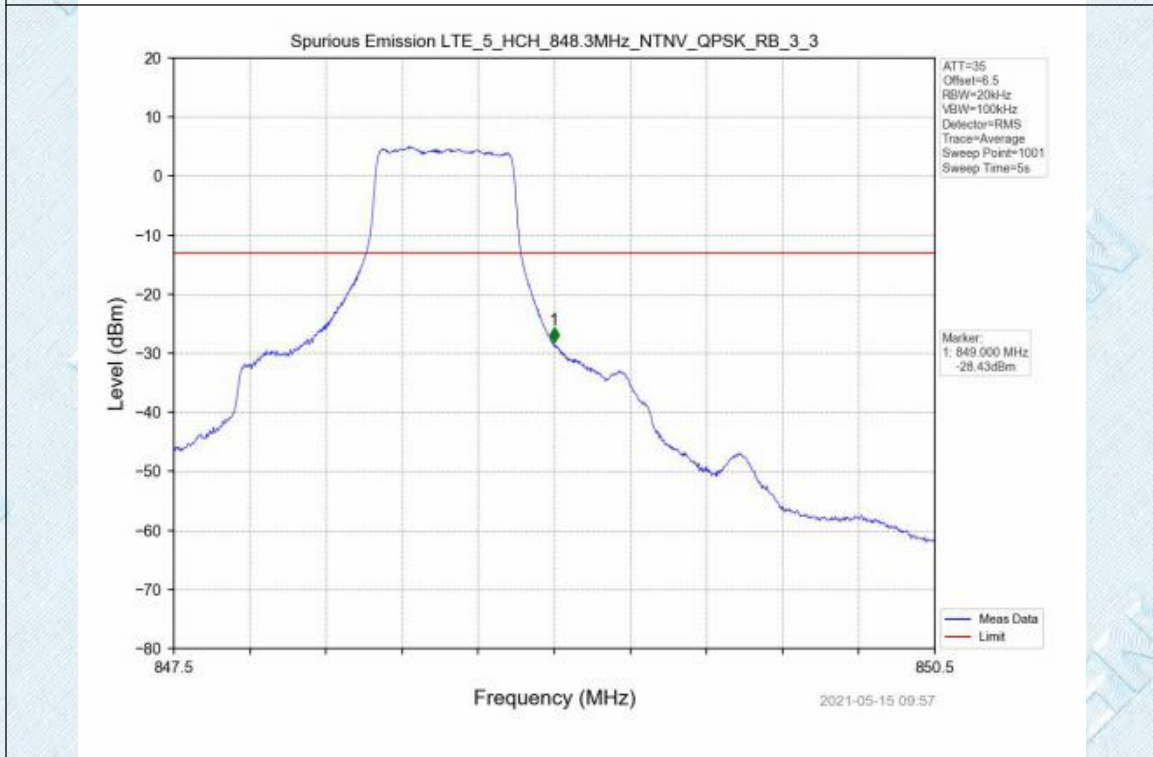
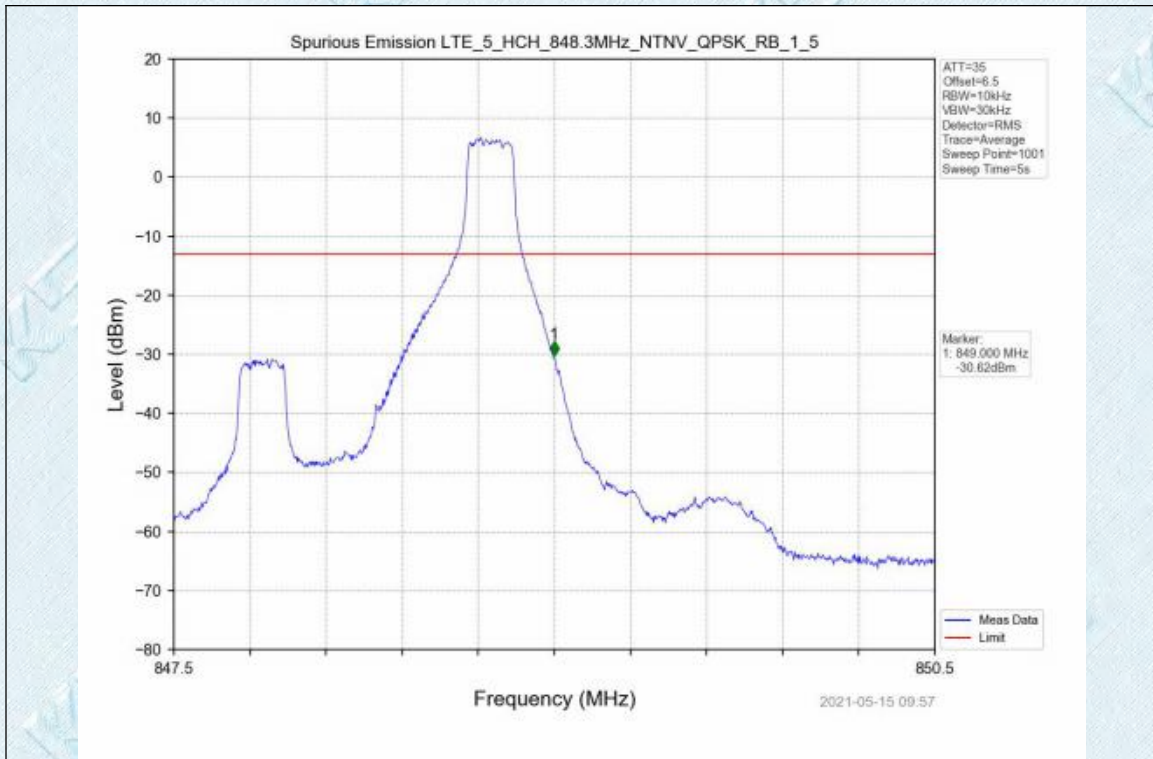


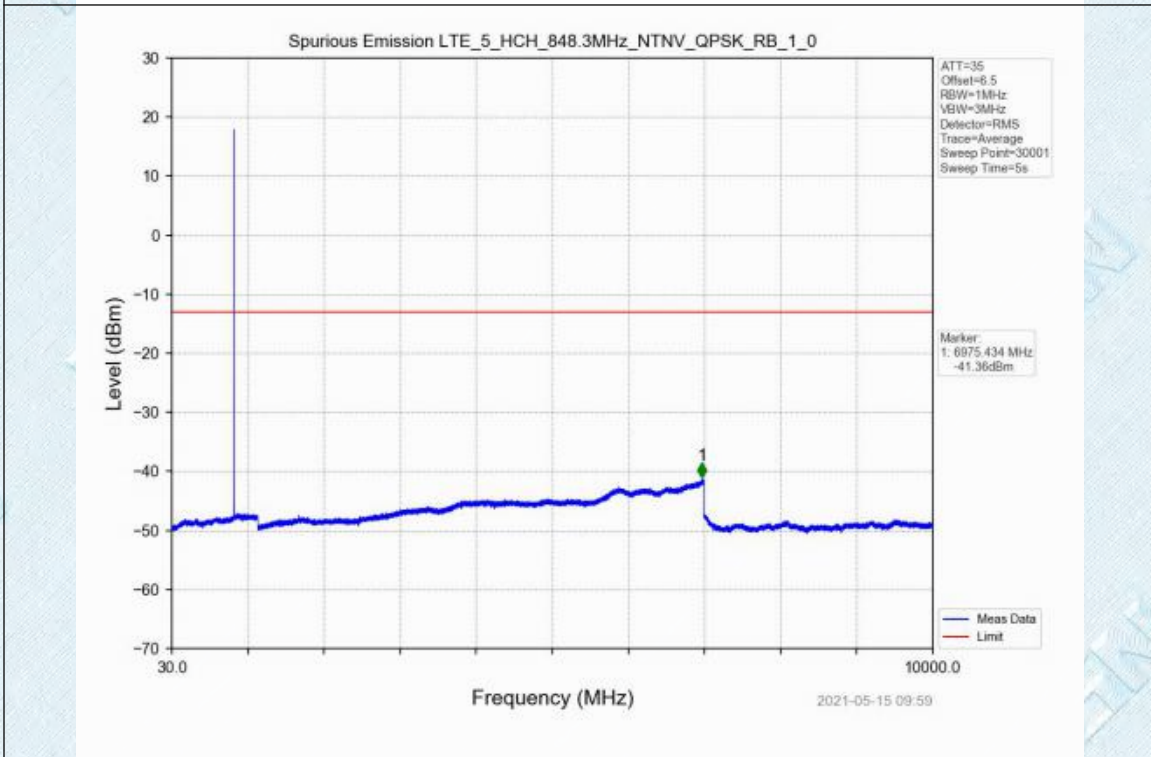
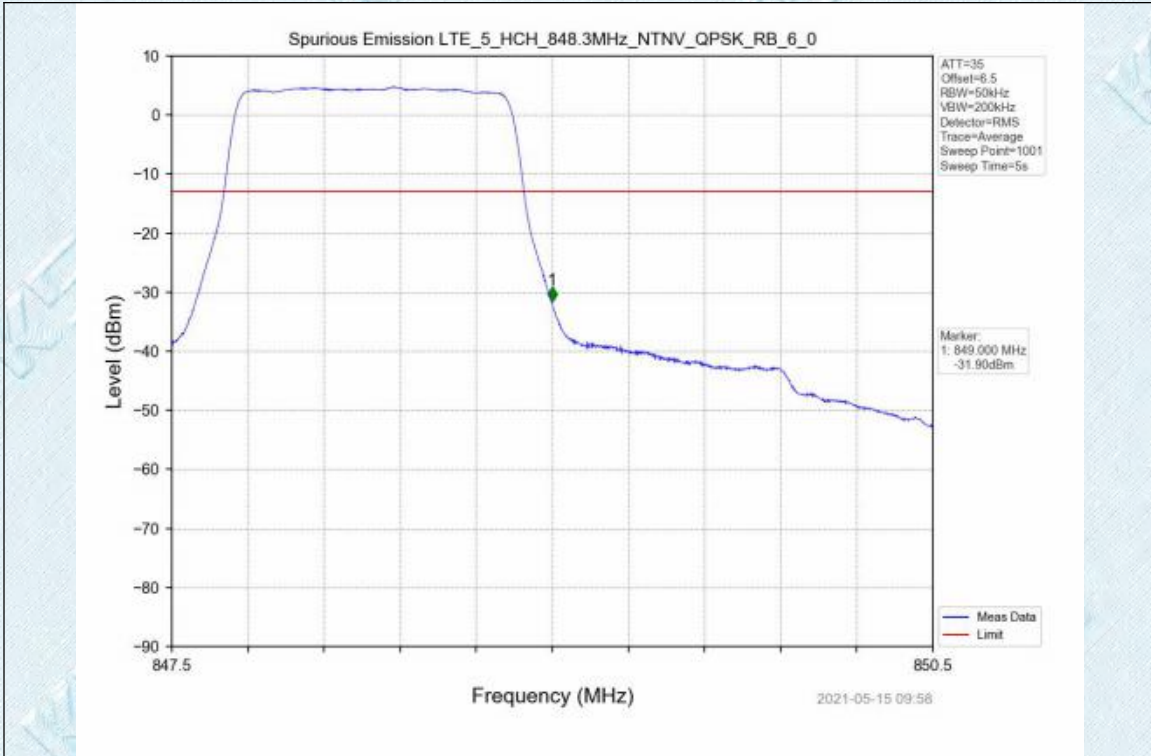






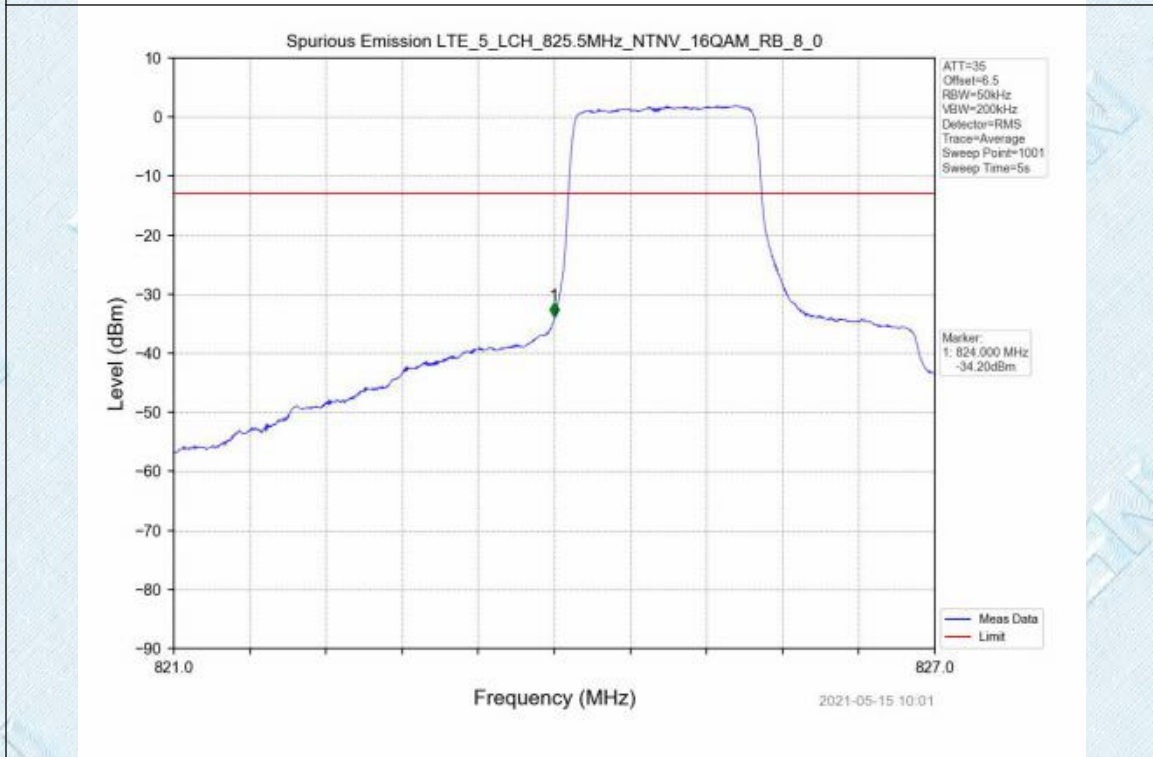
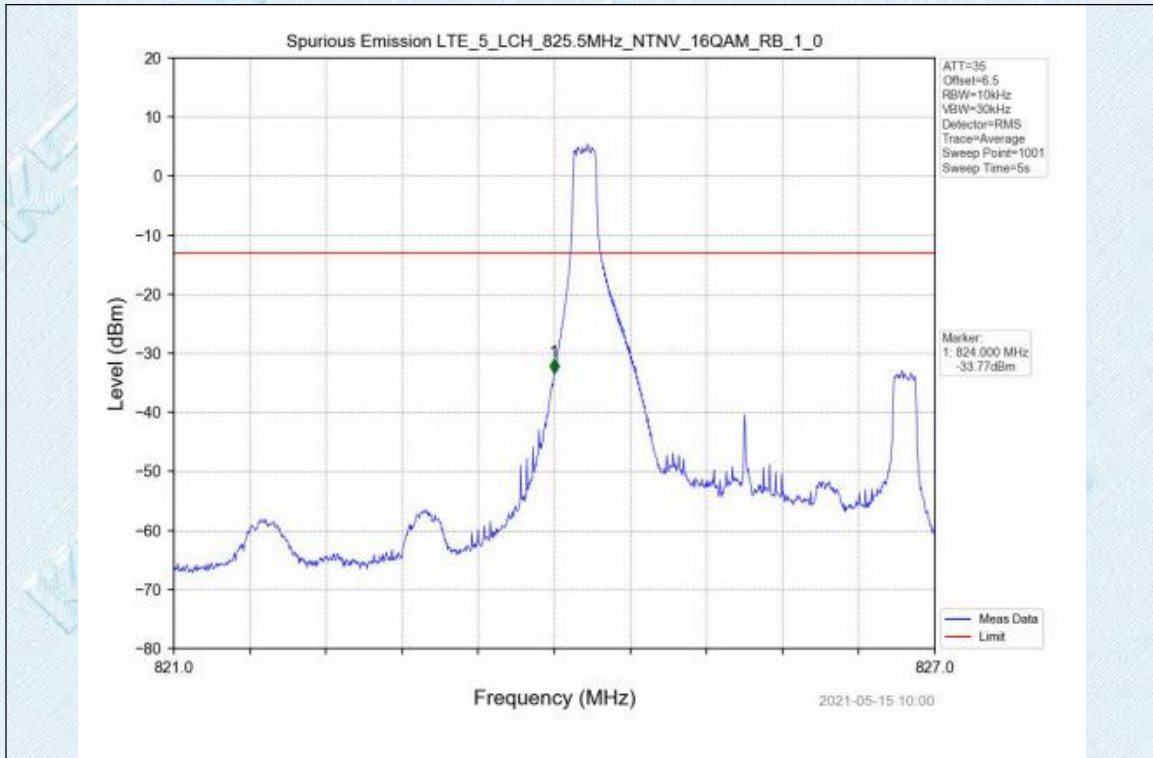


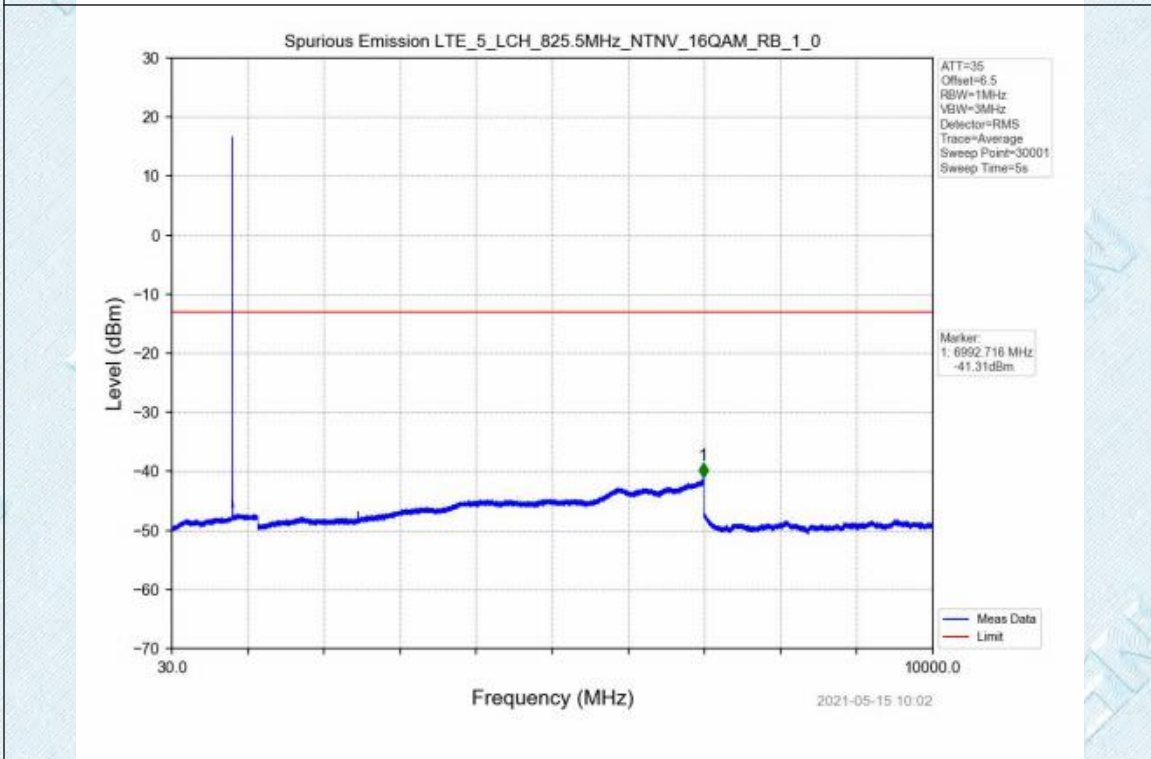
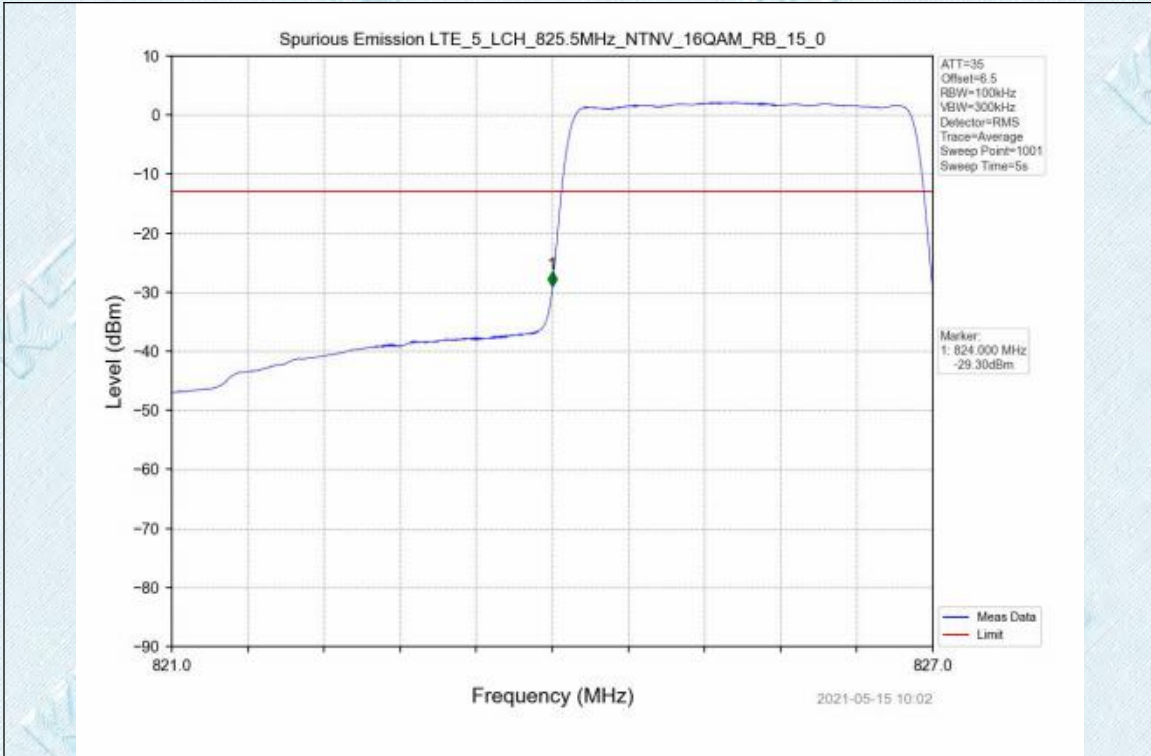


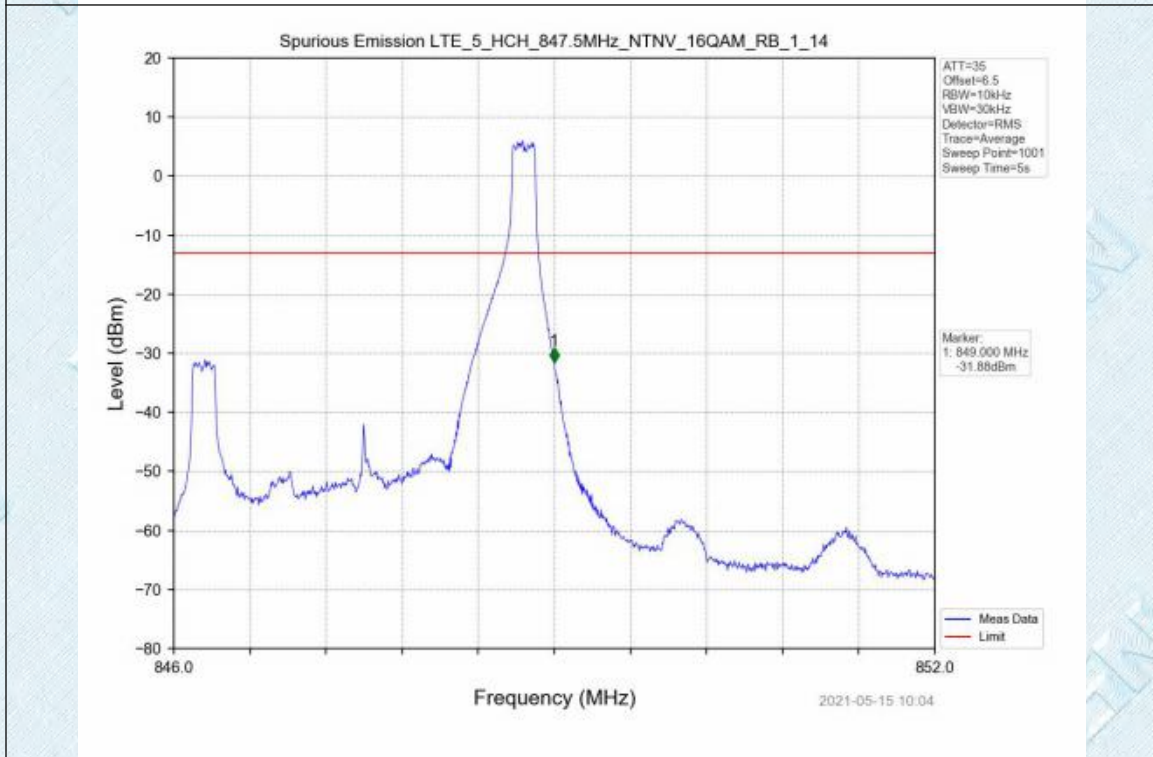
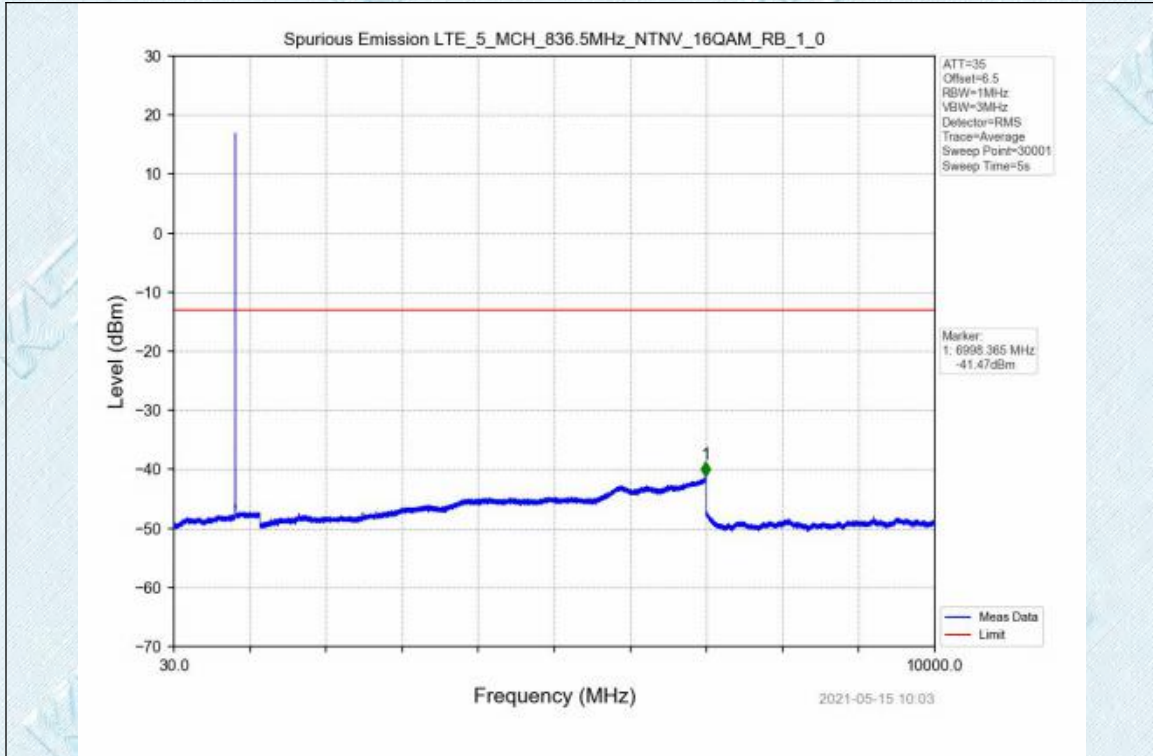


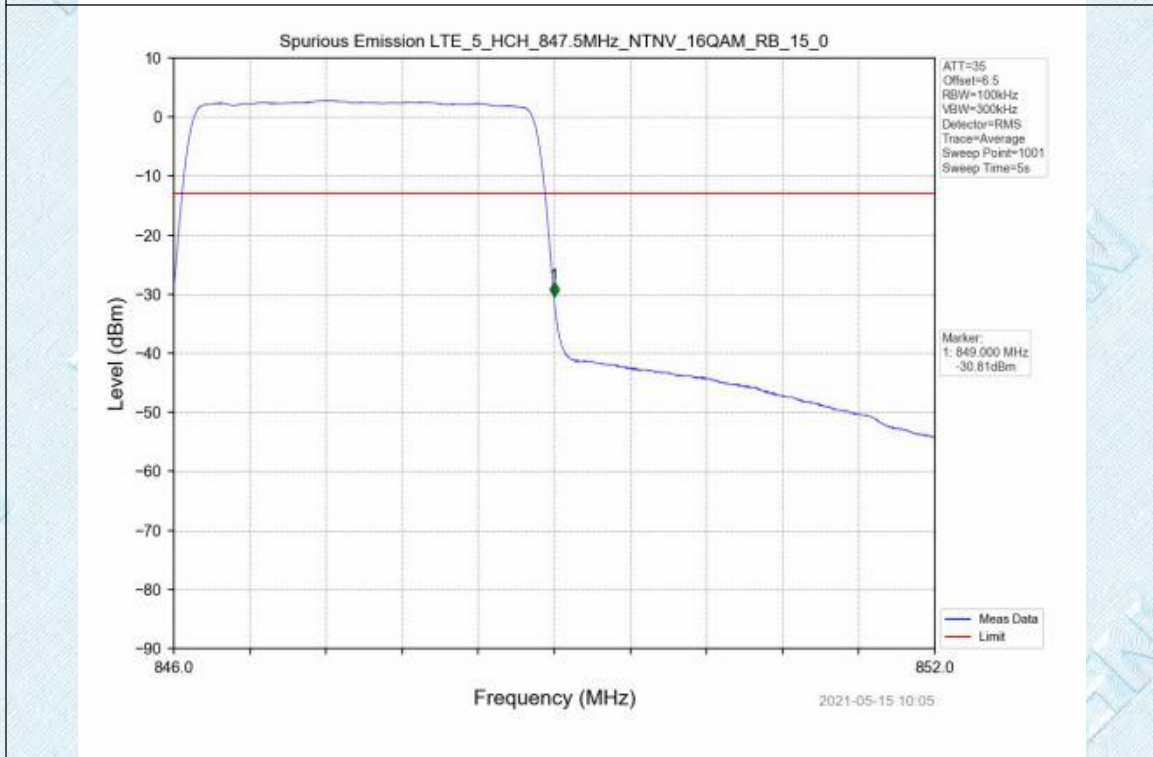
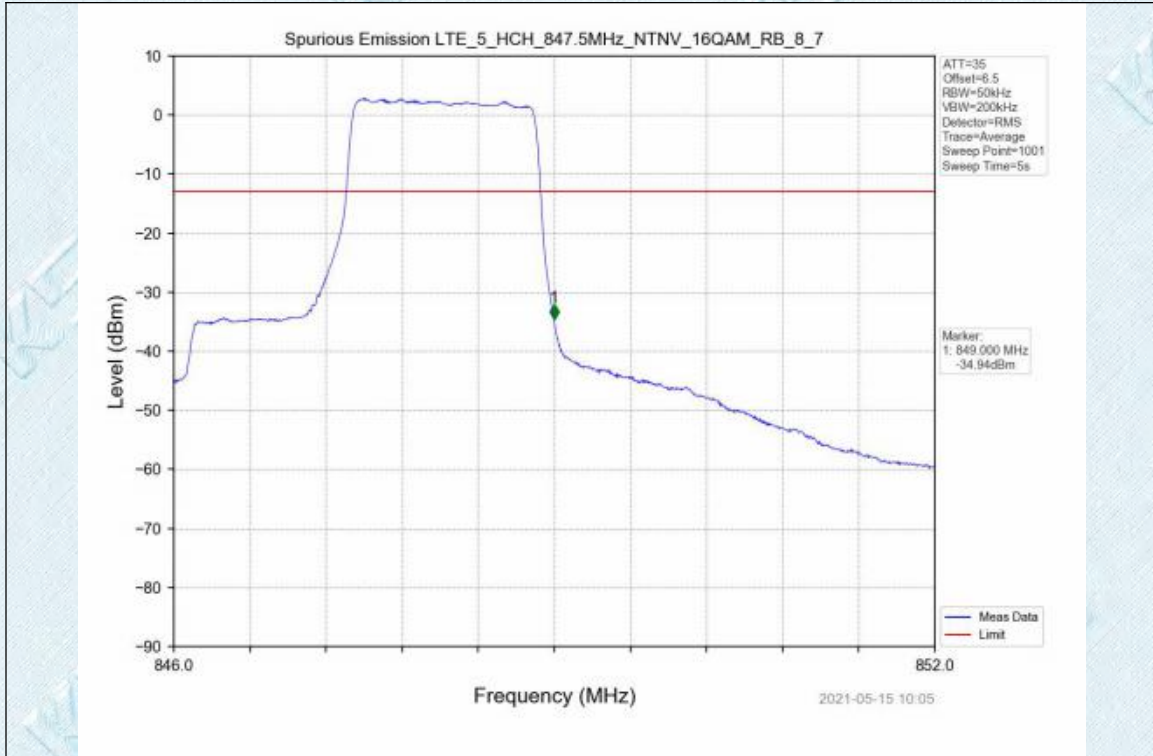
Test Band 5 _3MHz Bandwidth

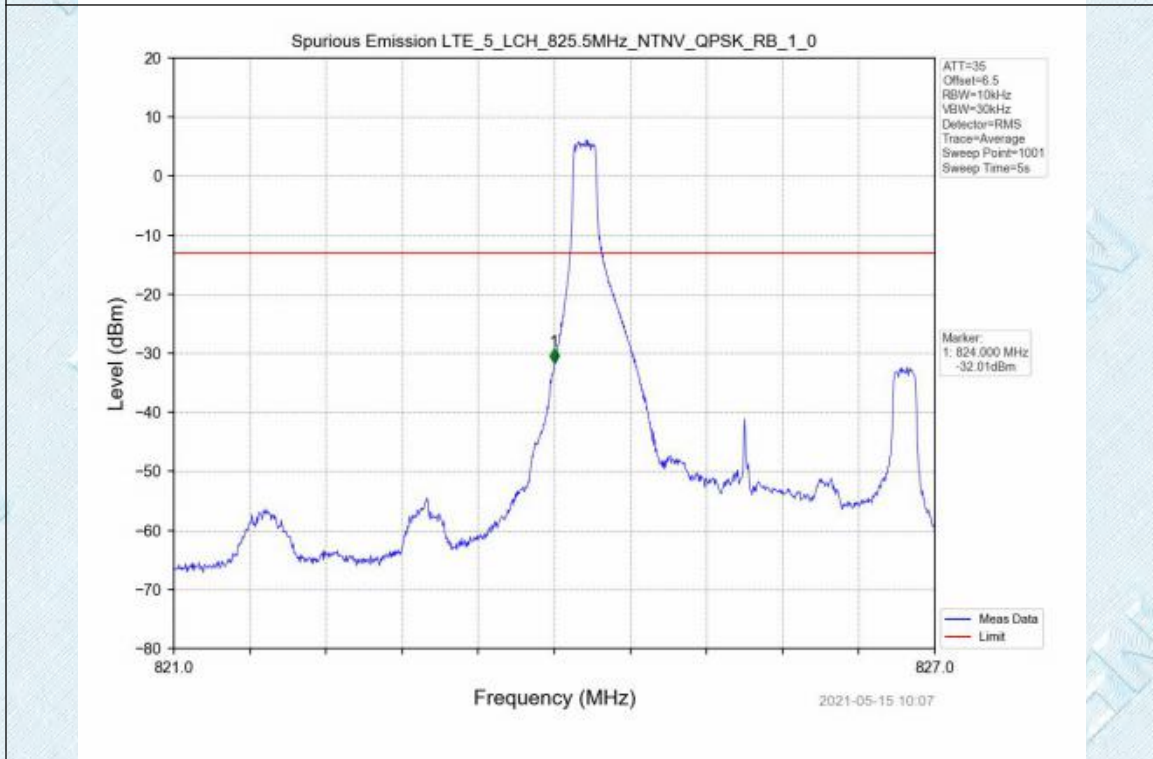
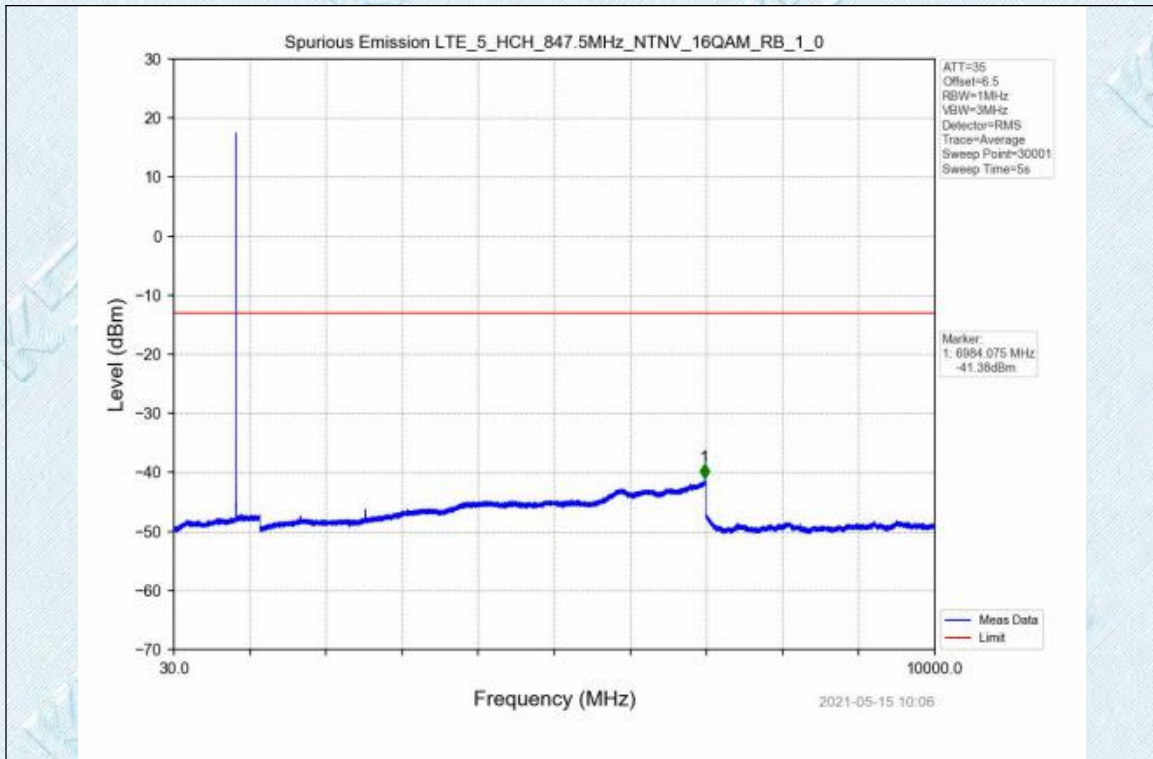
Test Graph

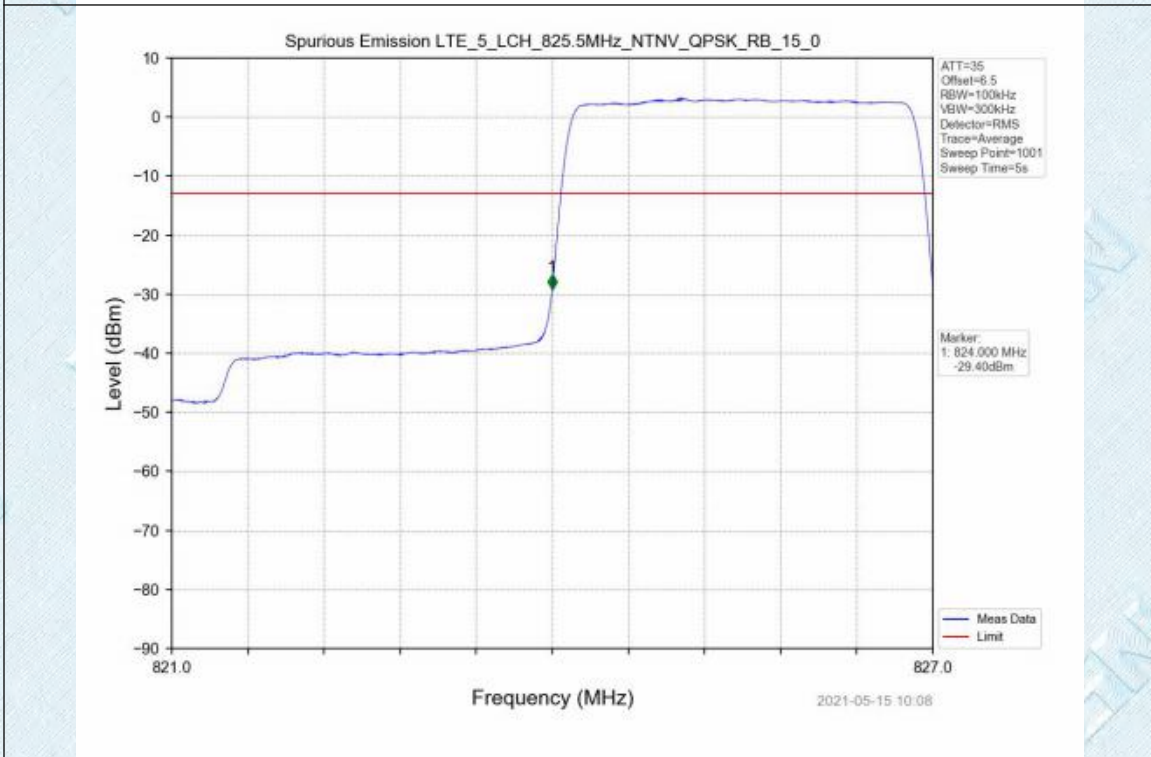
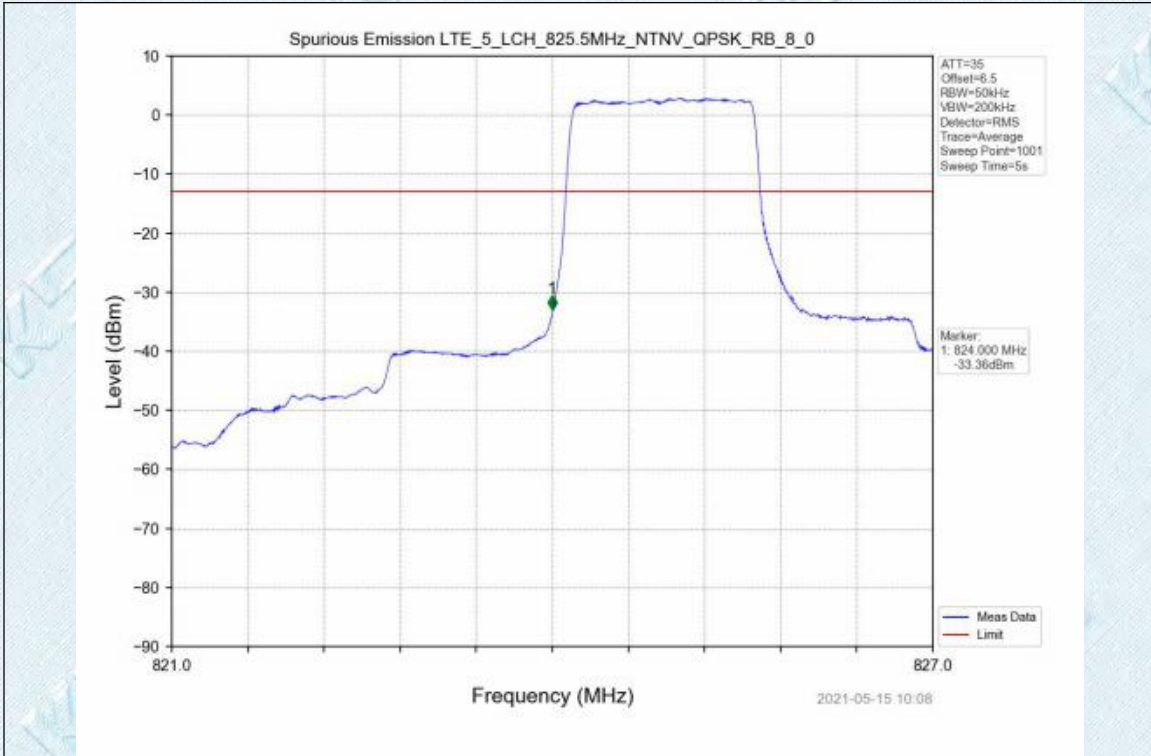


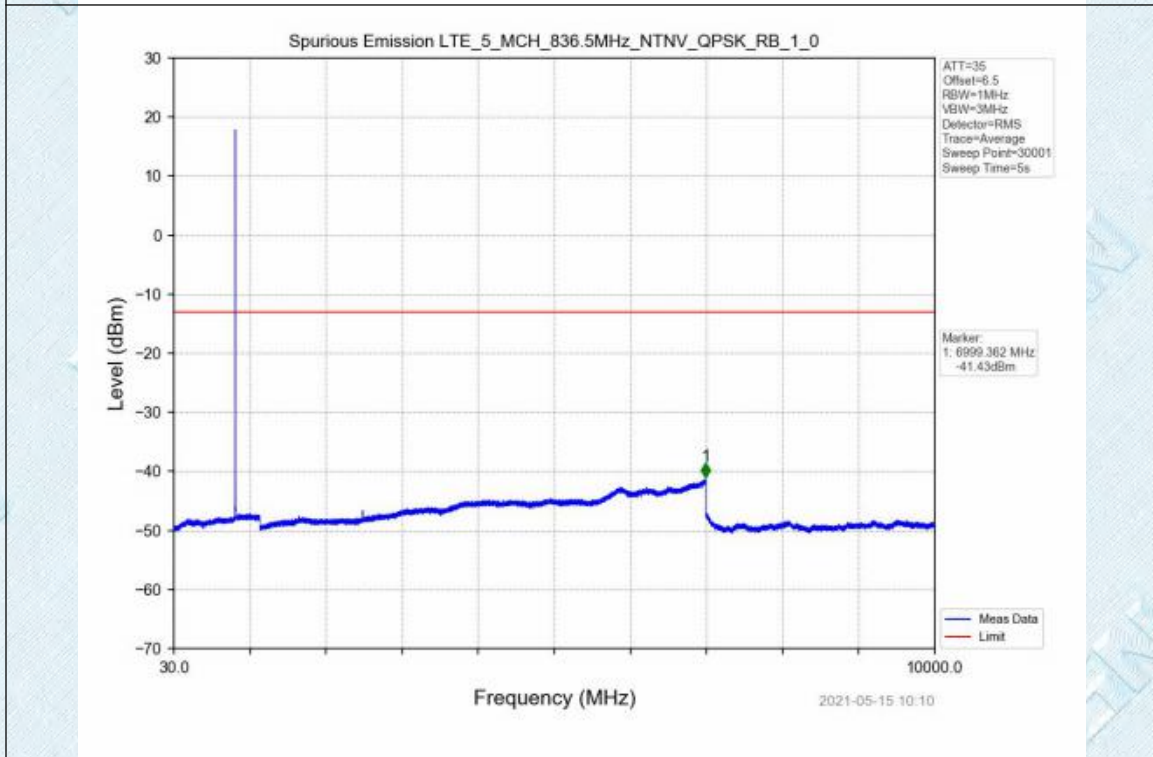
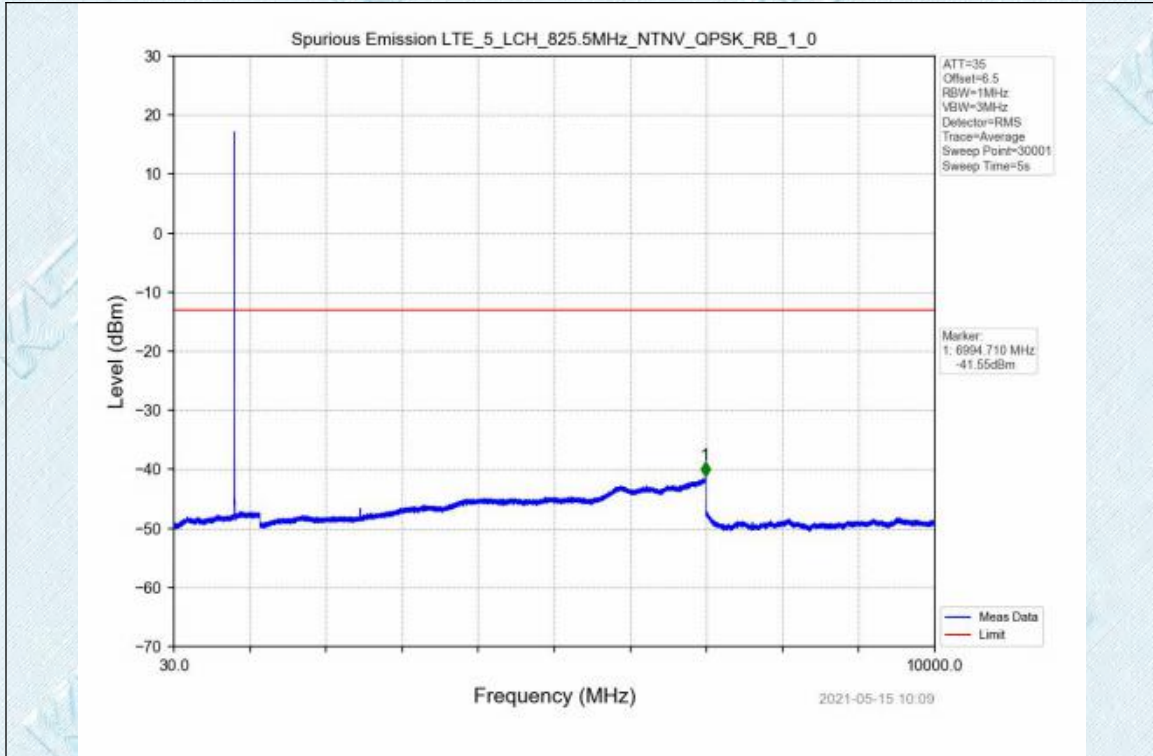


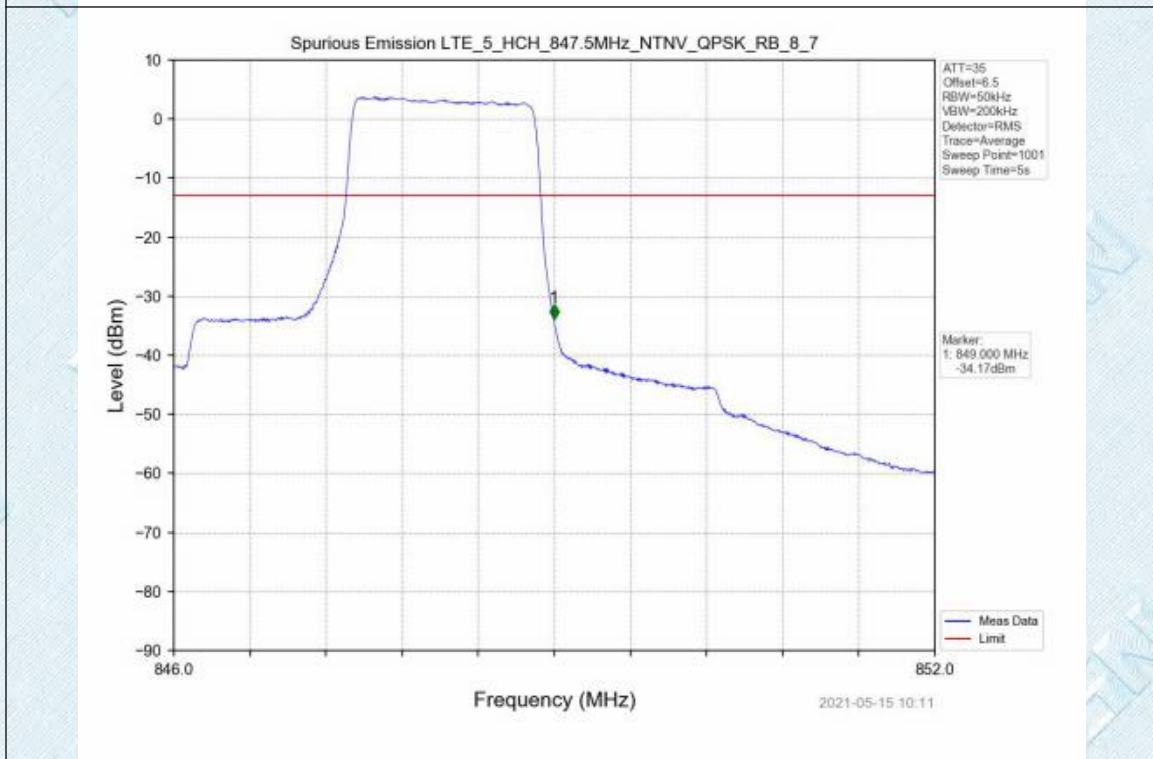
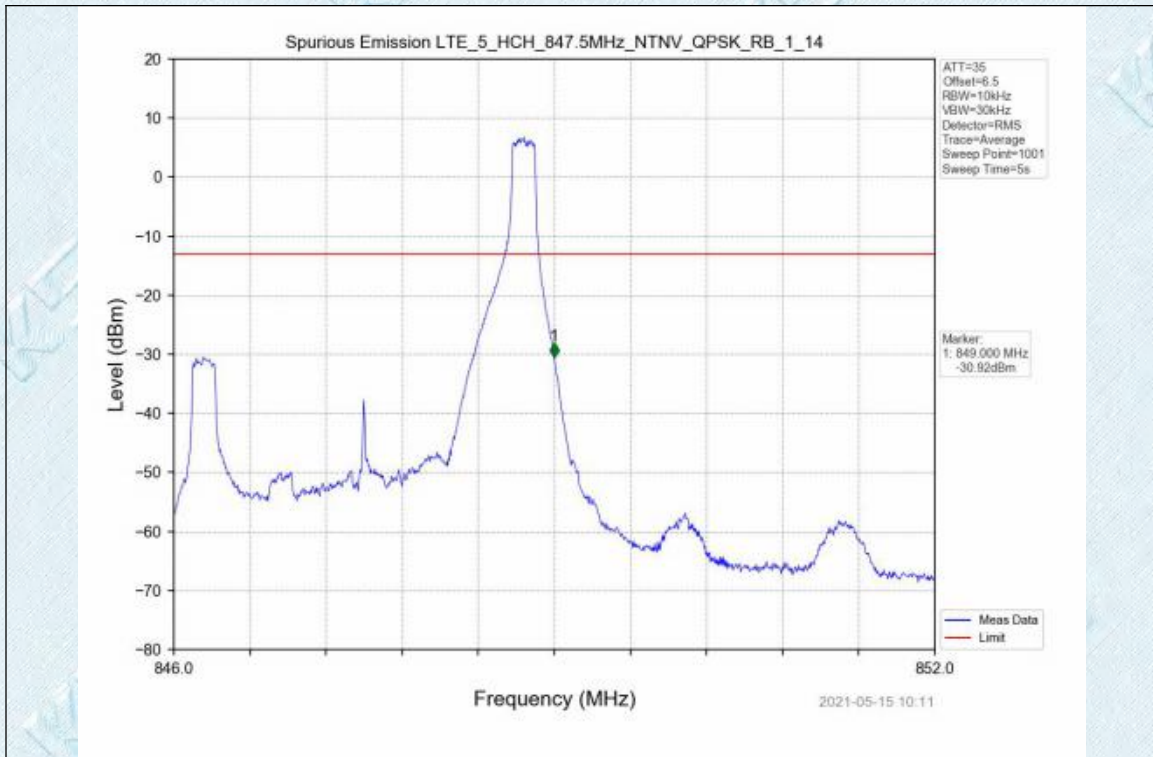


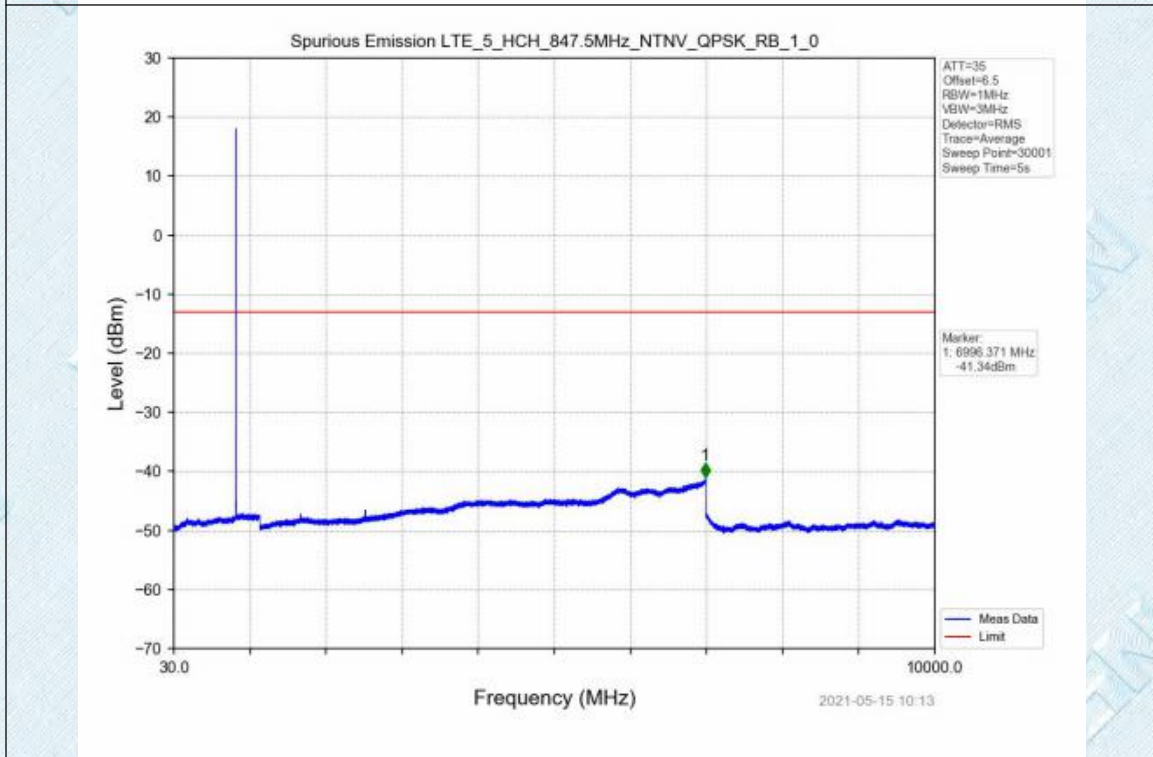
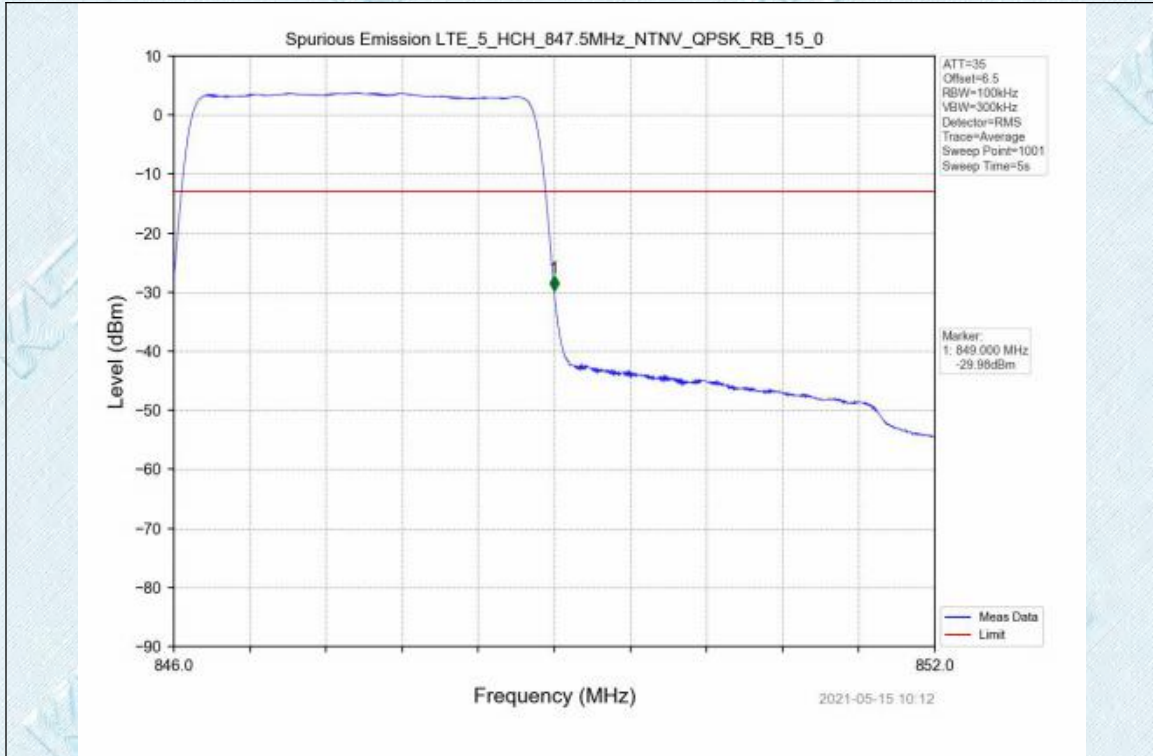






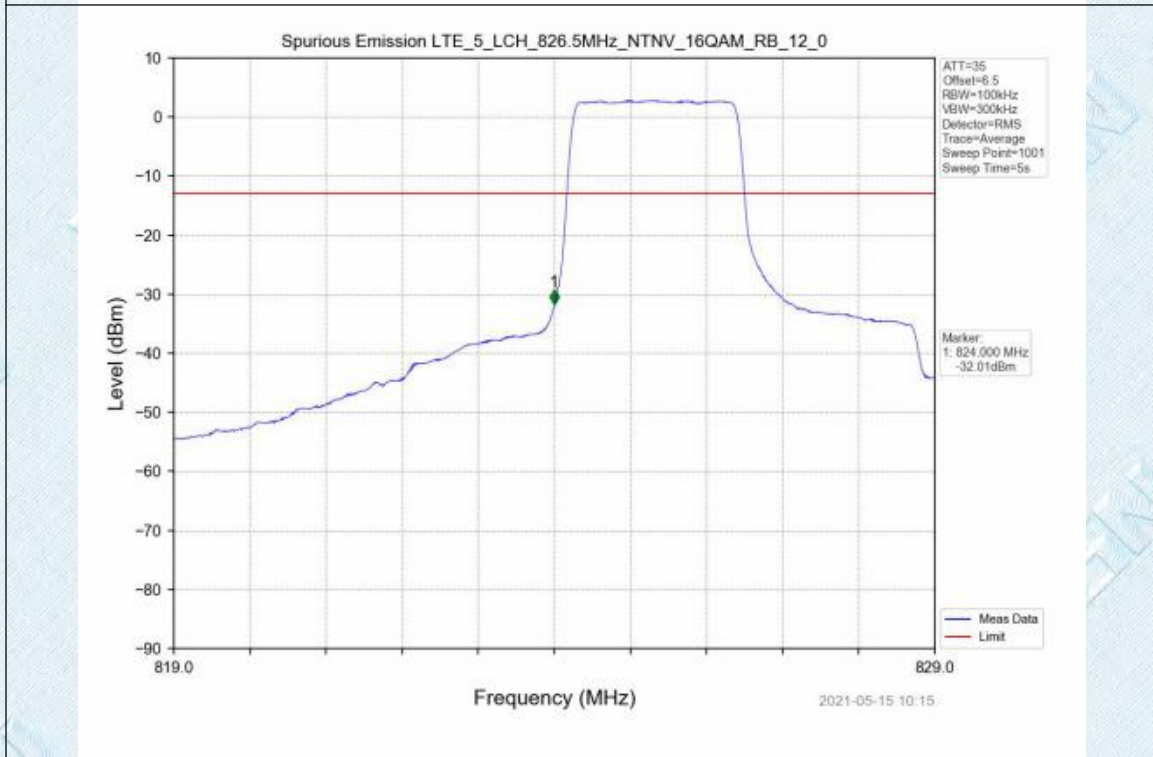
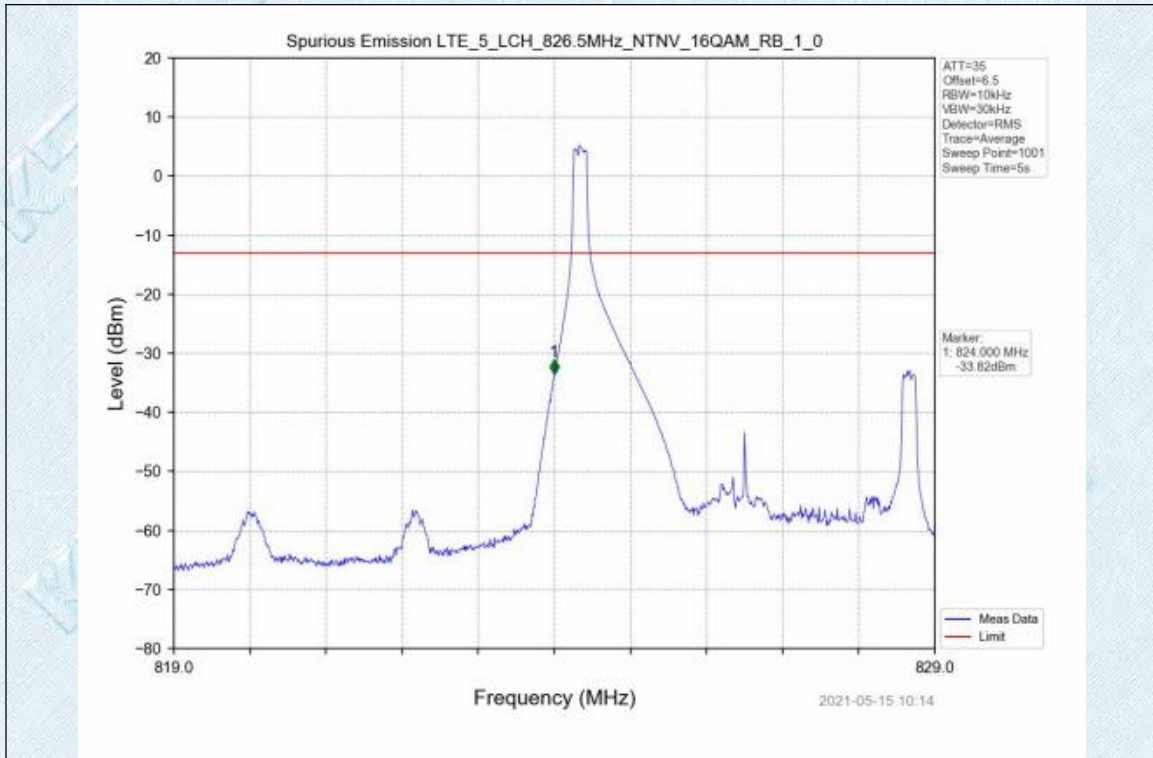


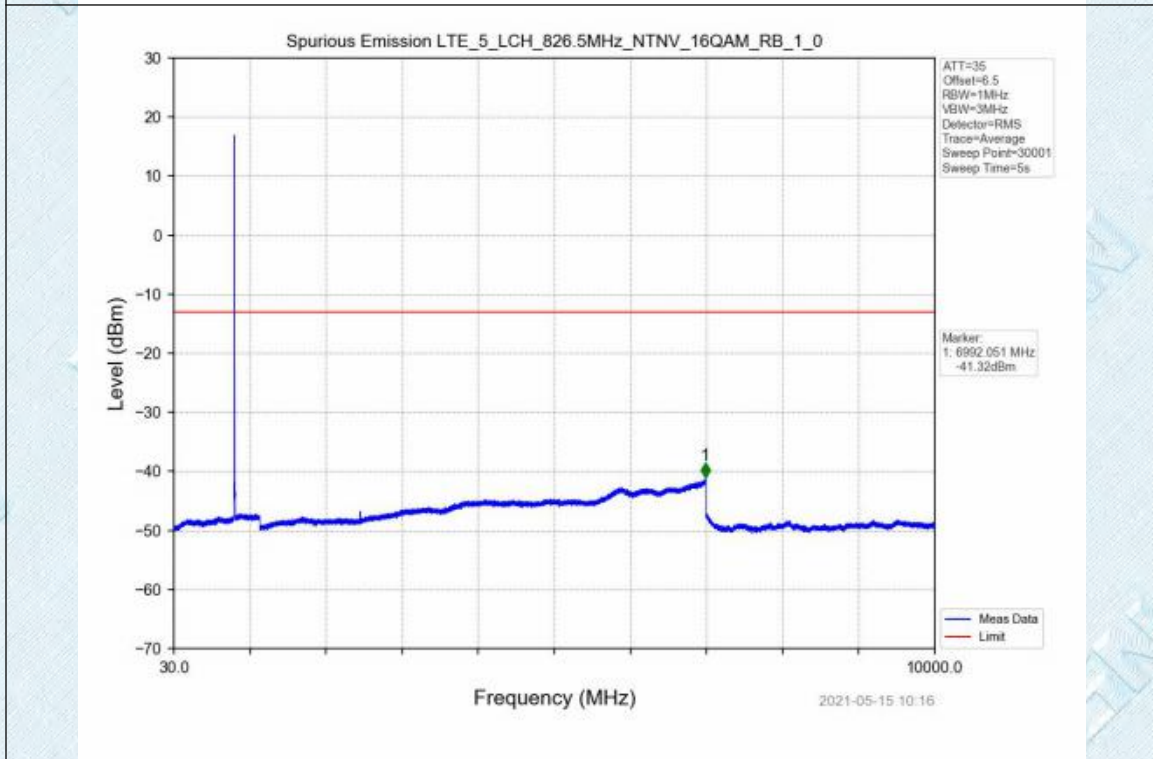
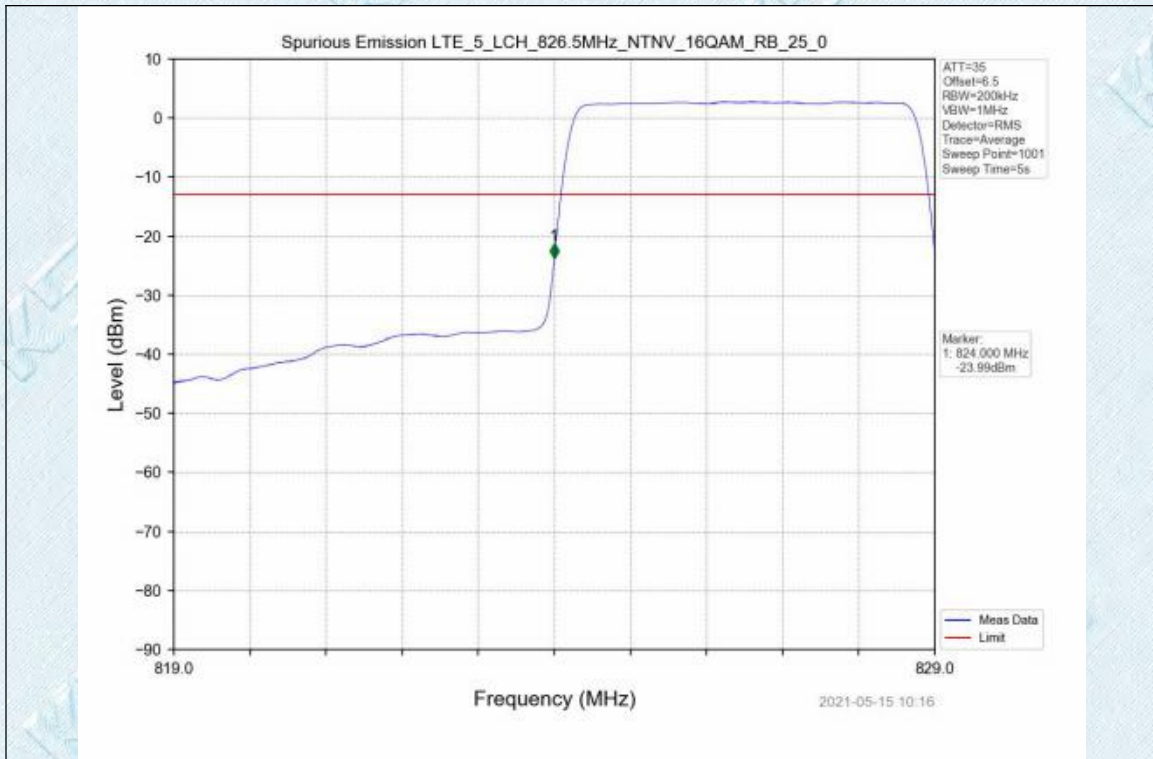


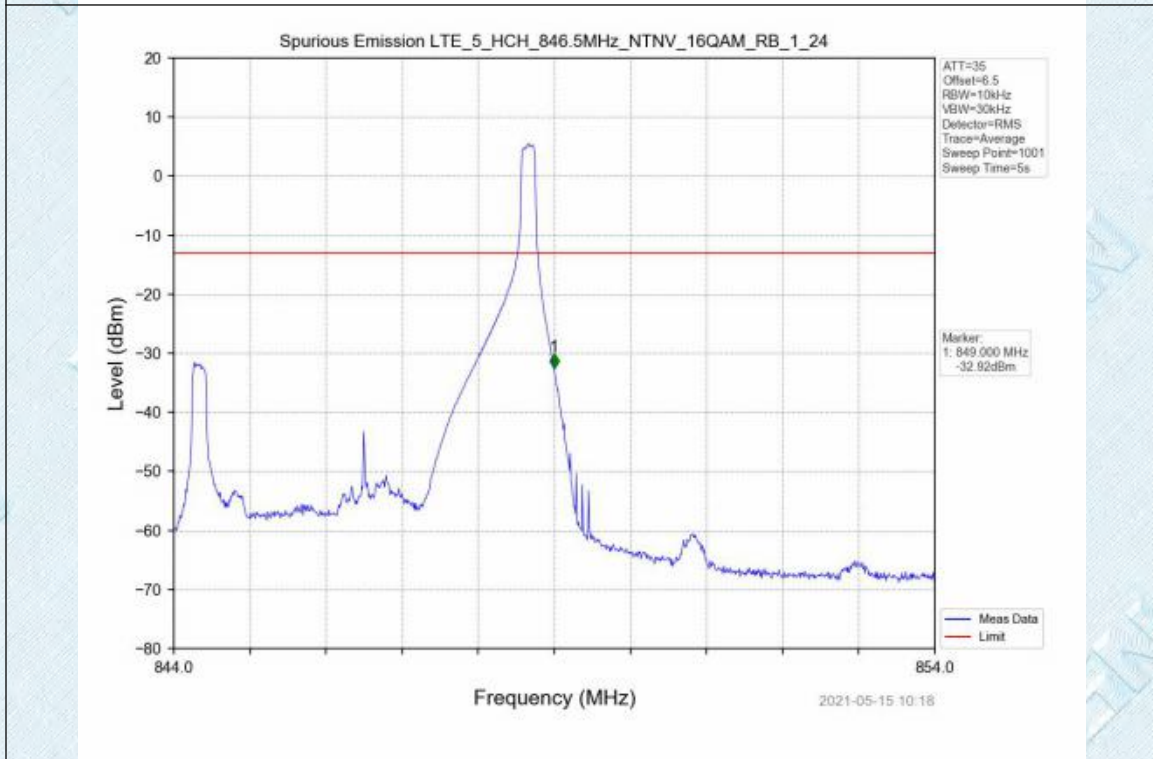
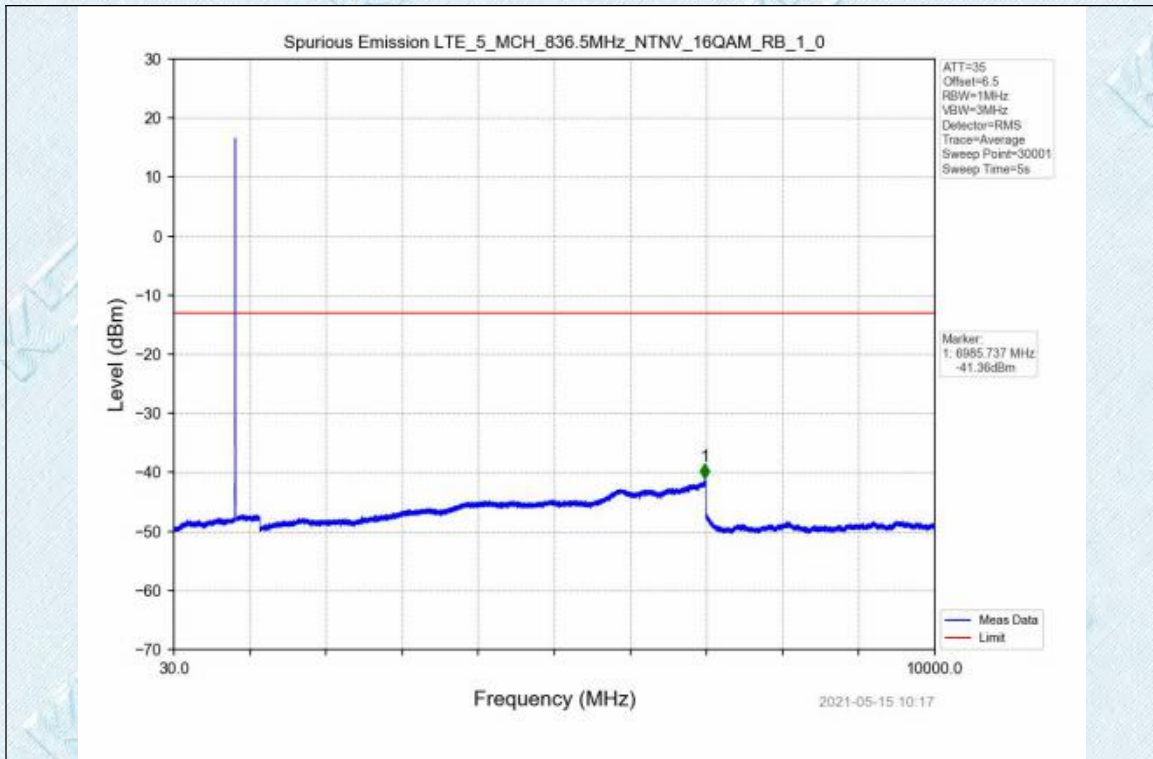


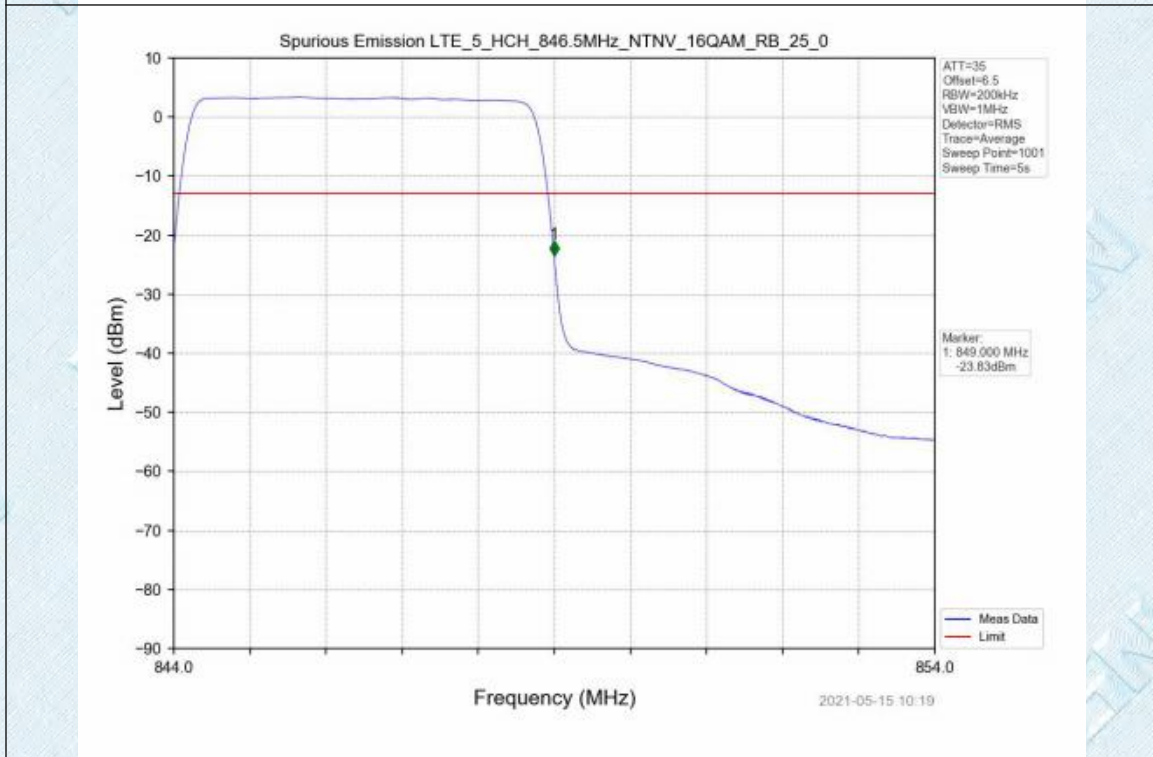
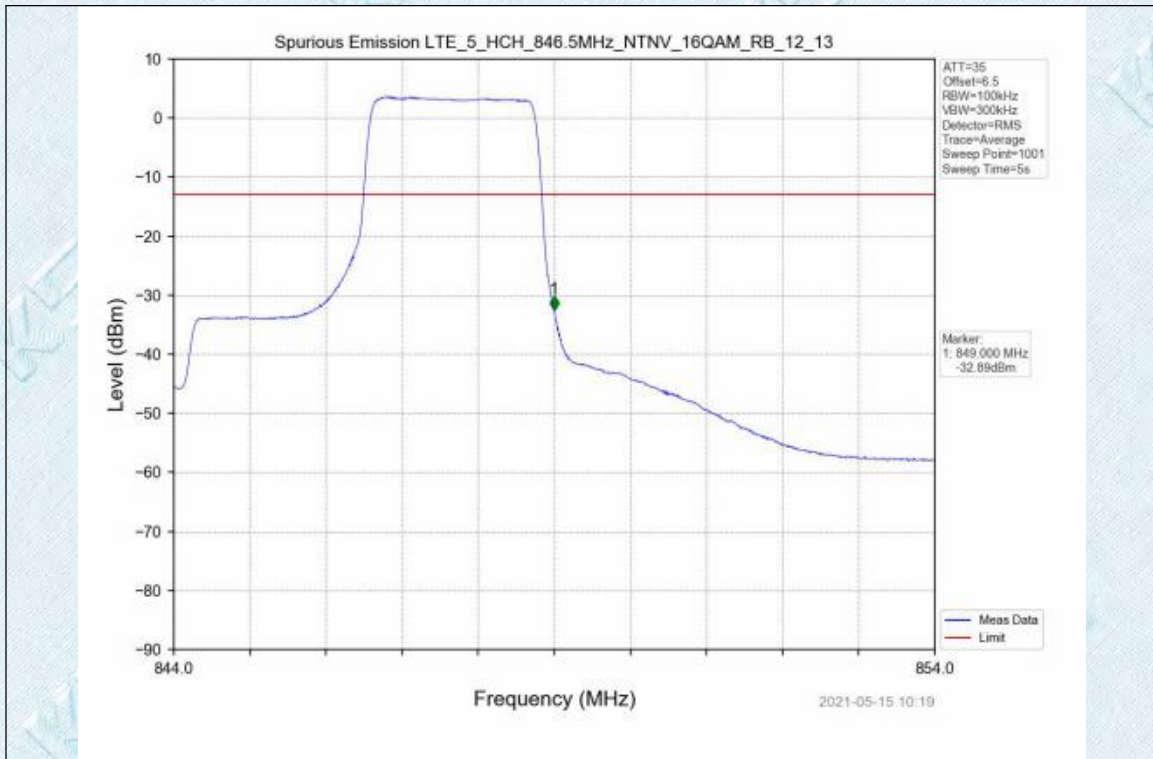
Test Band 5 _5MHz Bandwidth

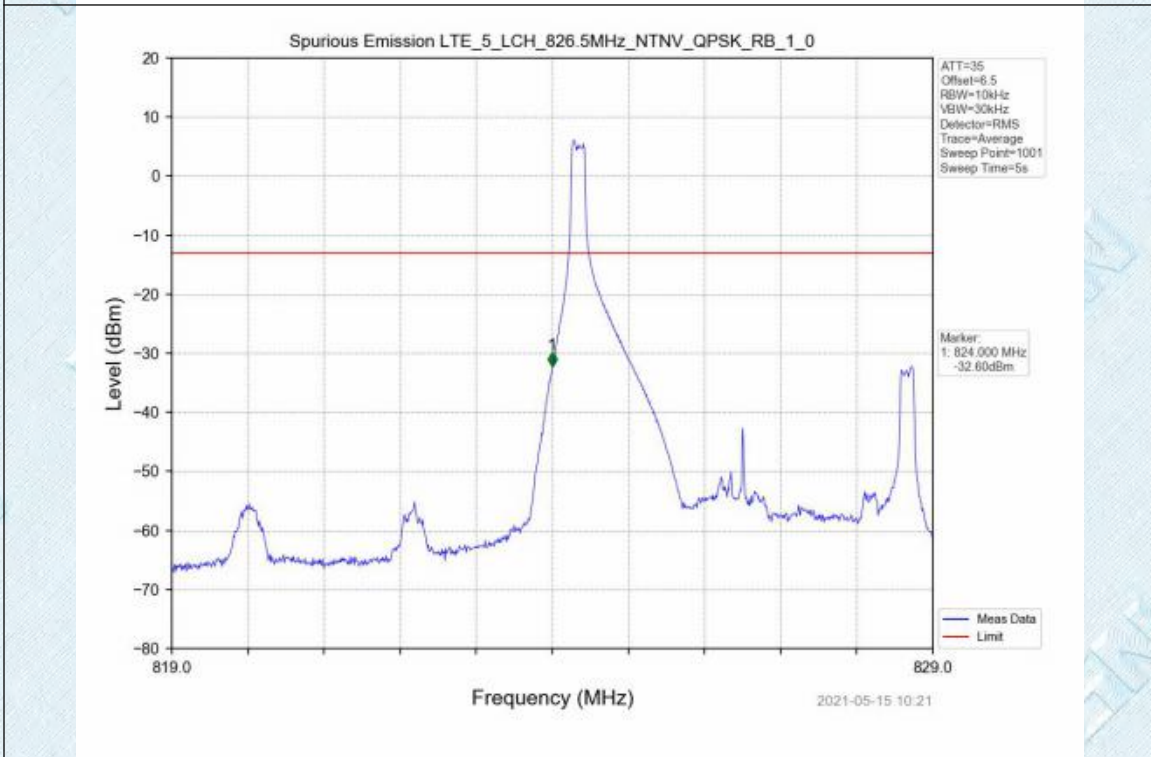
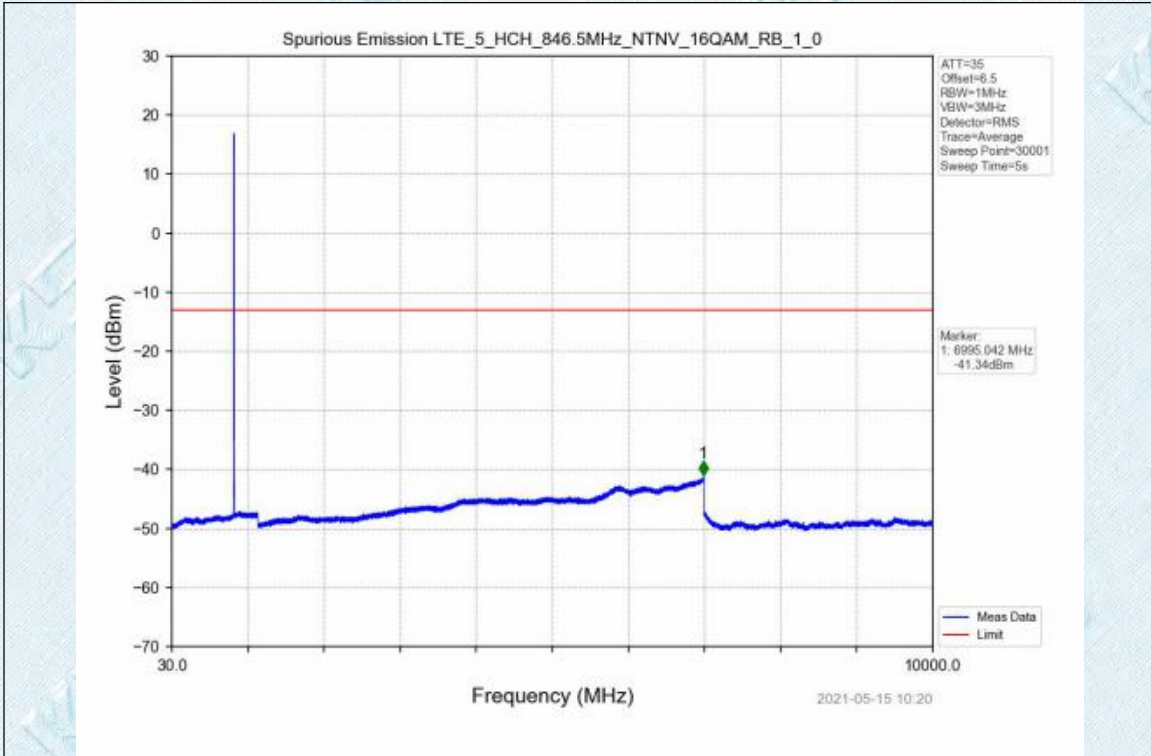
Test Graph

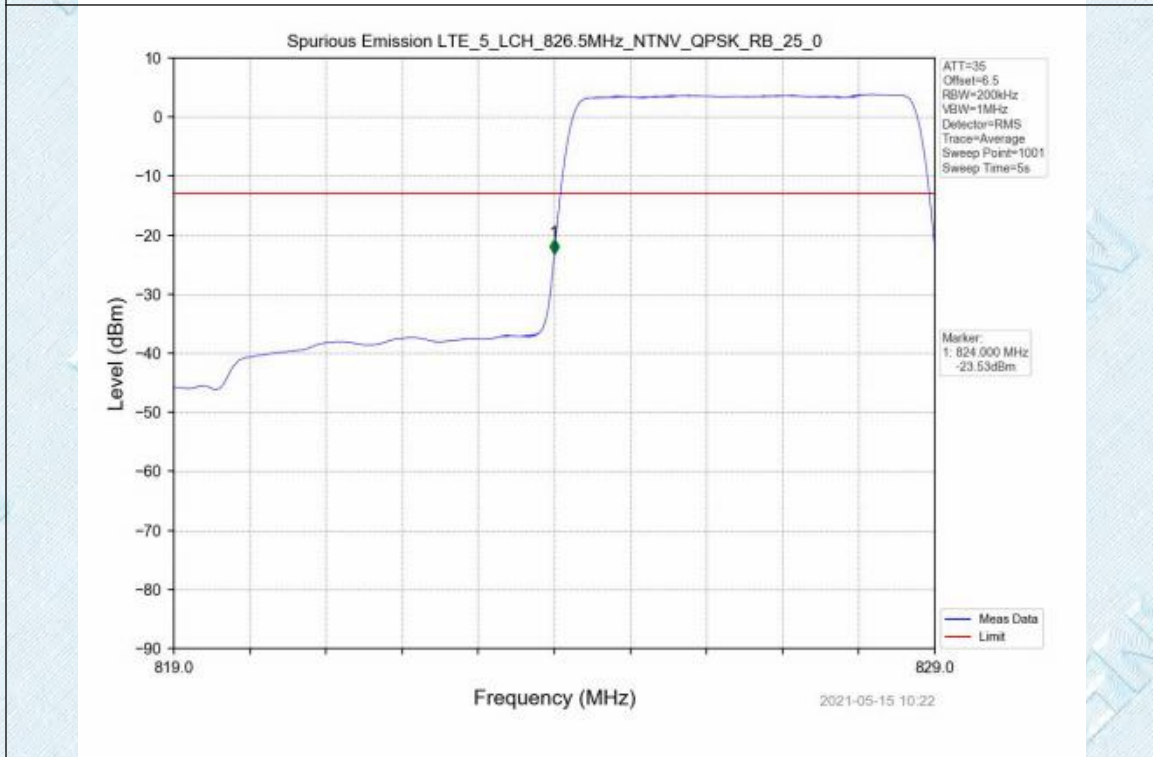
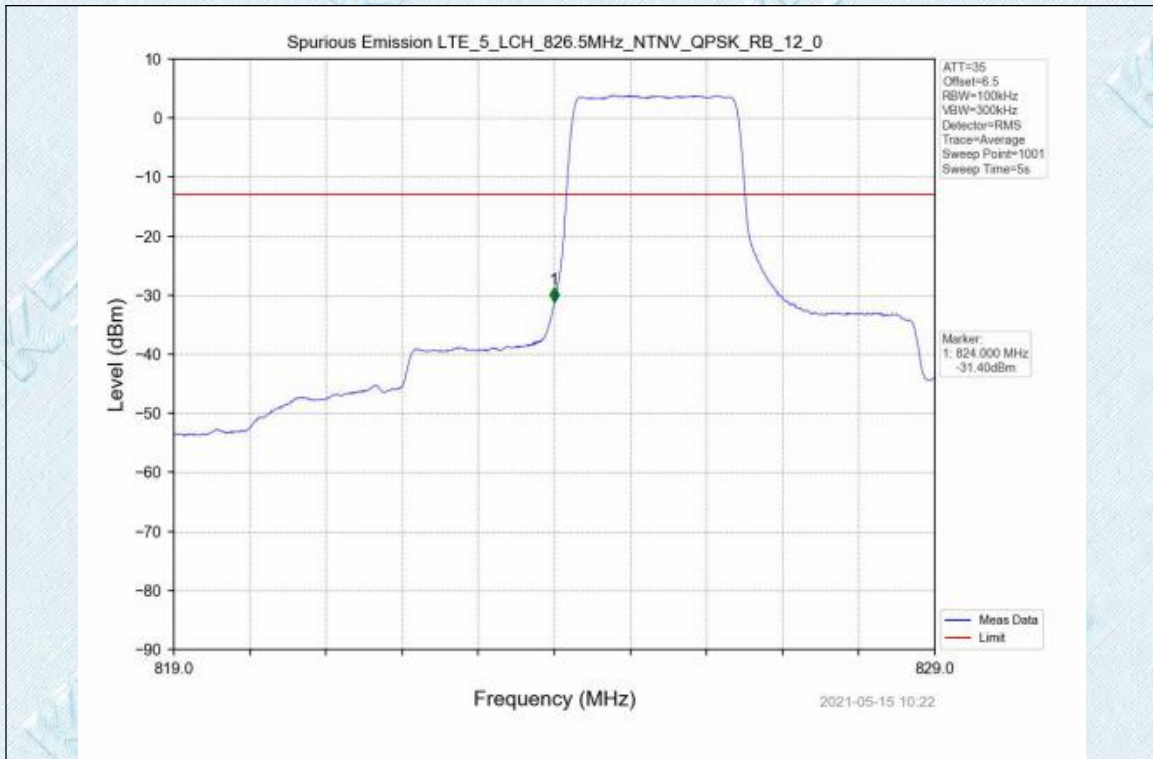


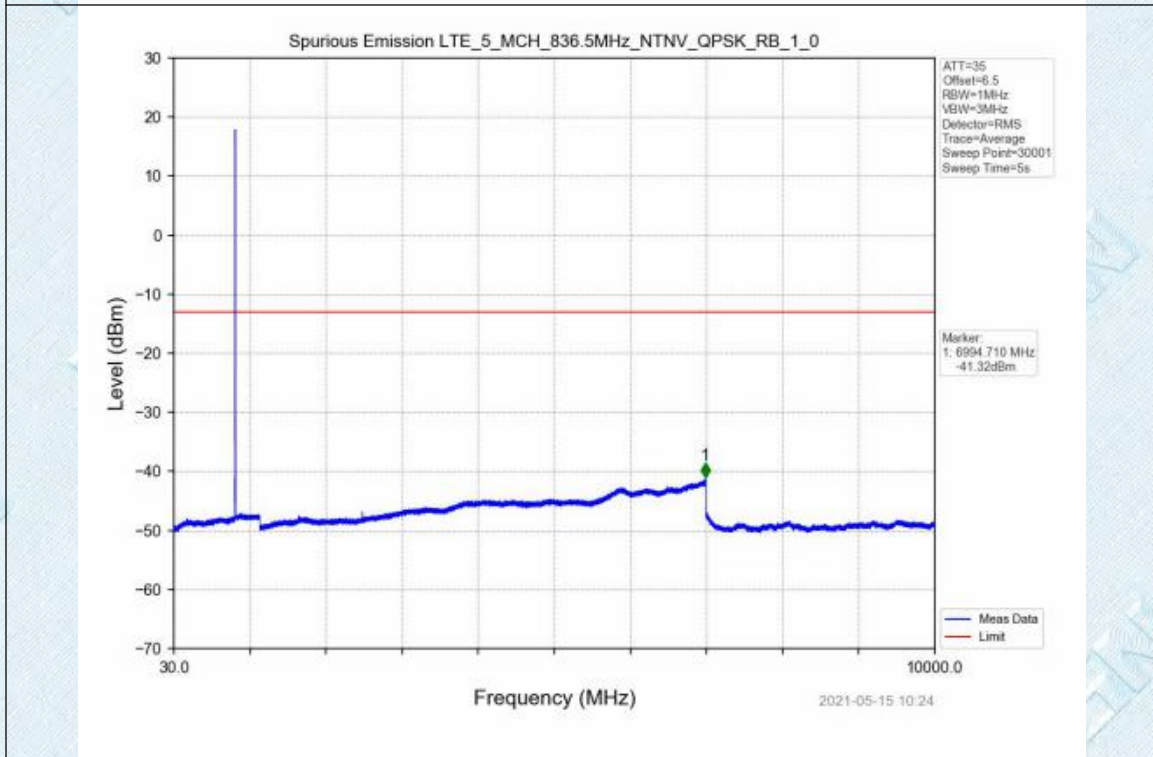
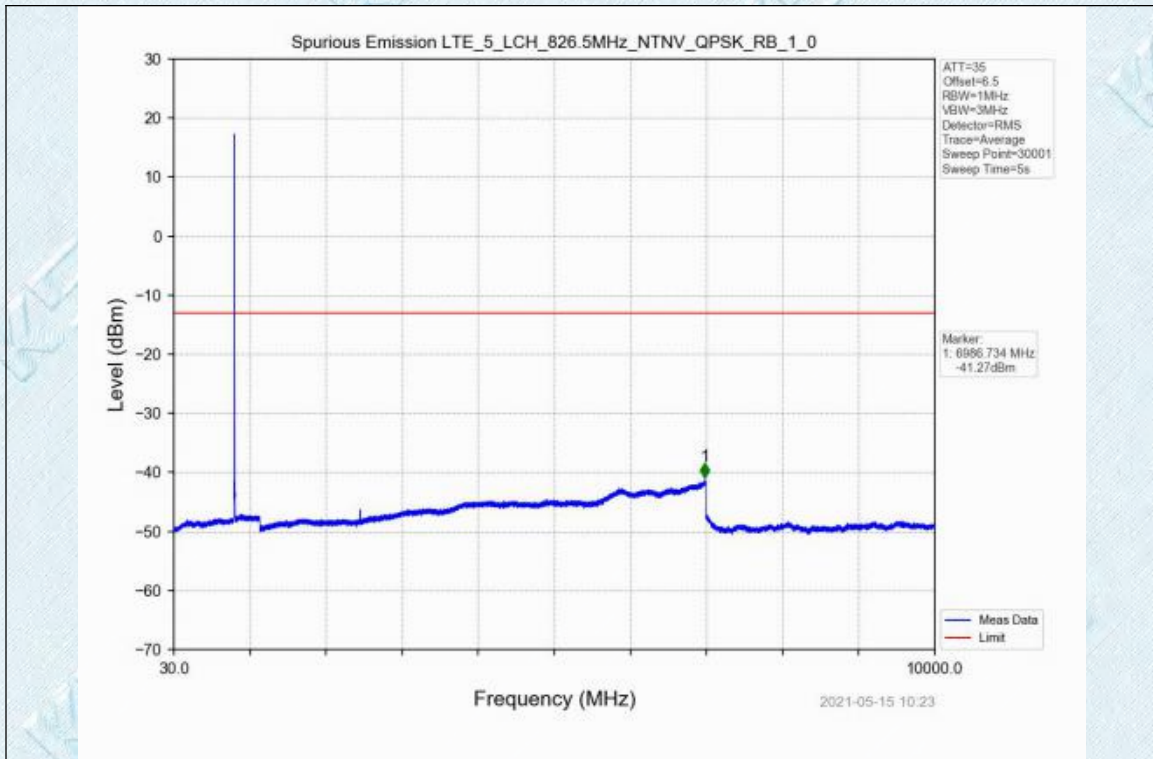


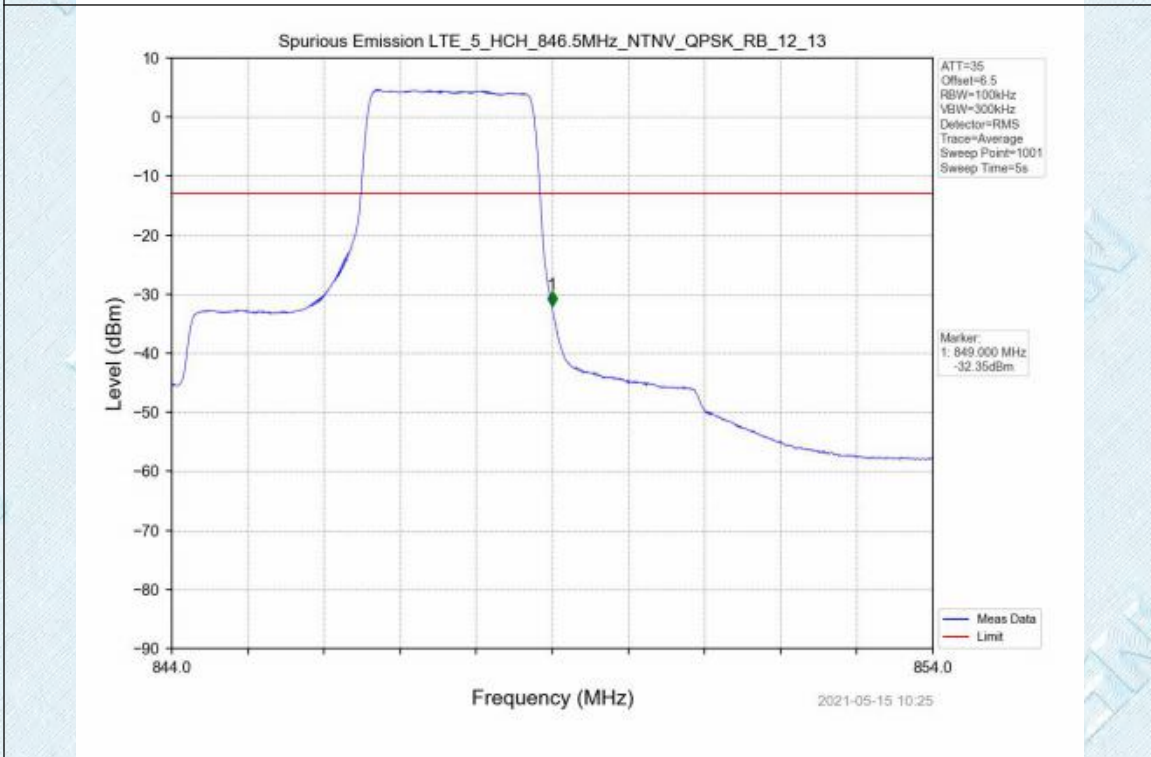
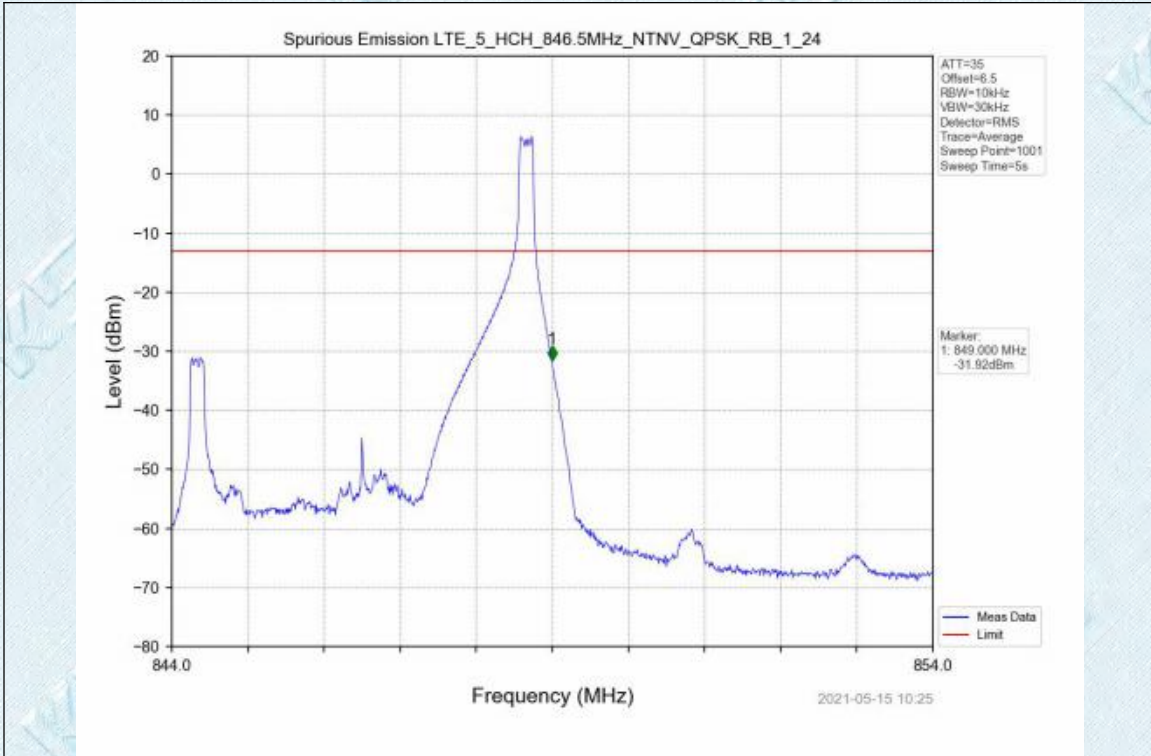


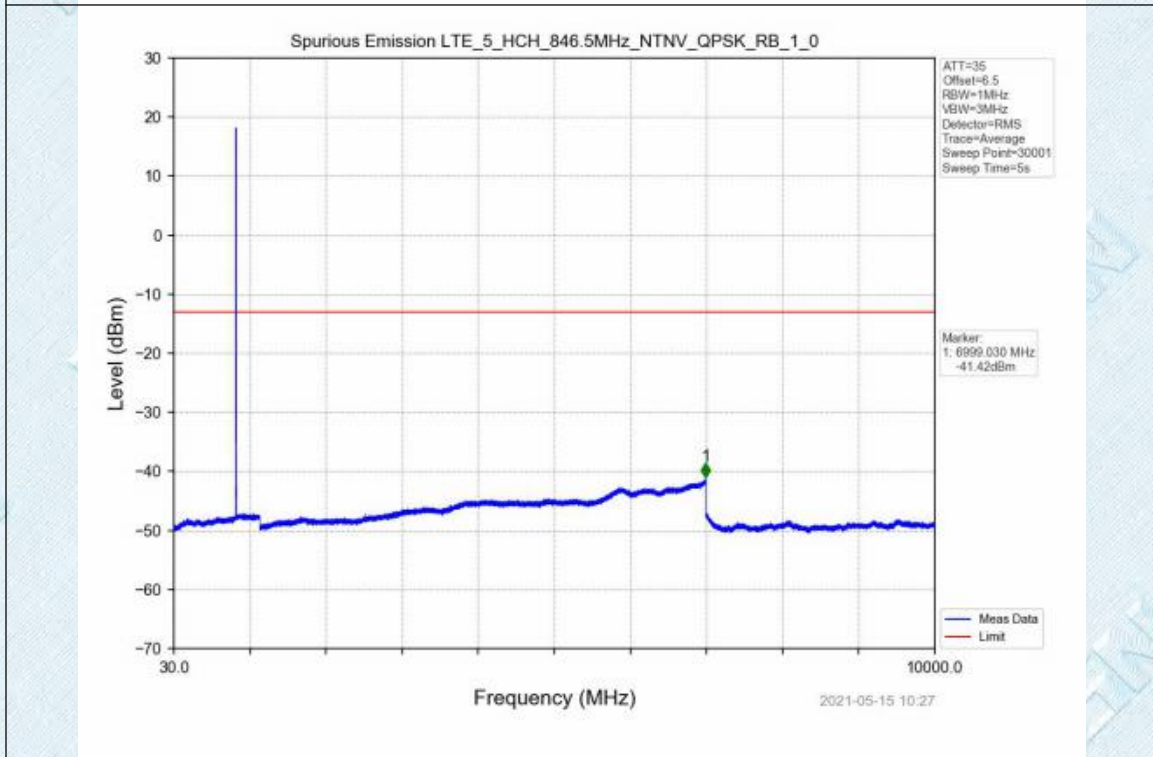
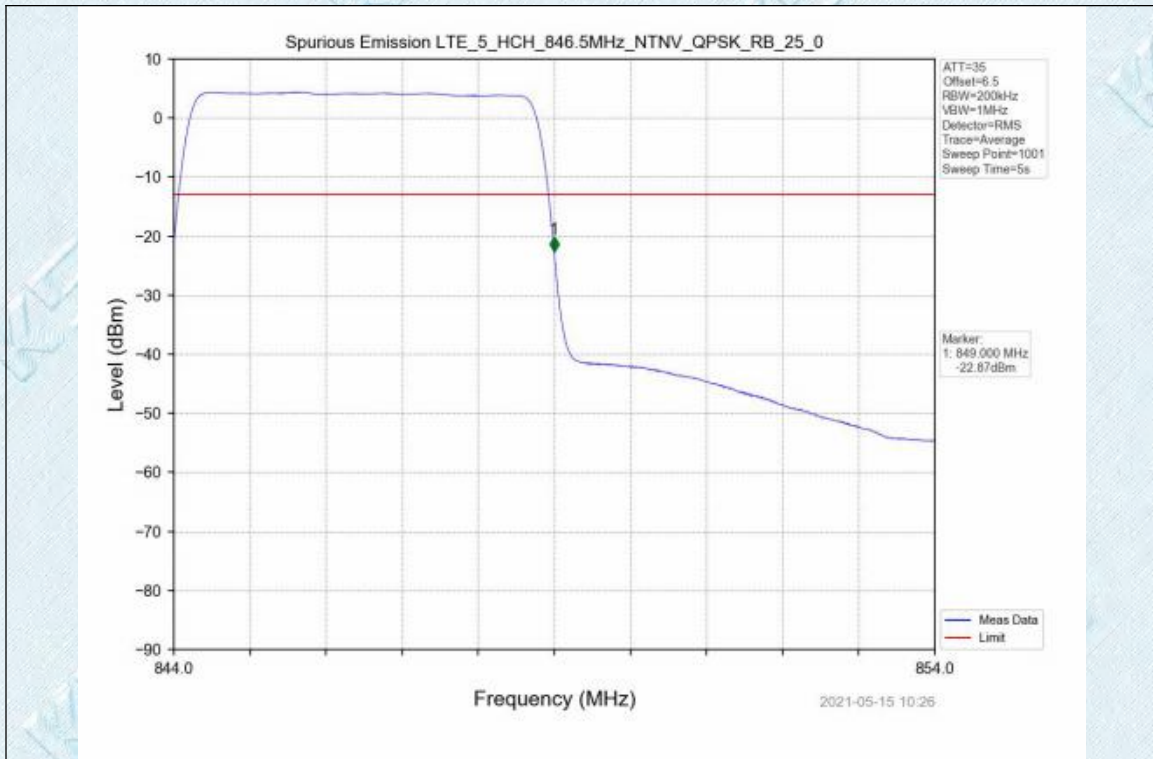






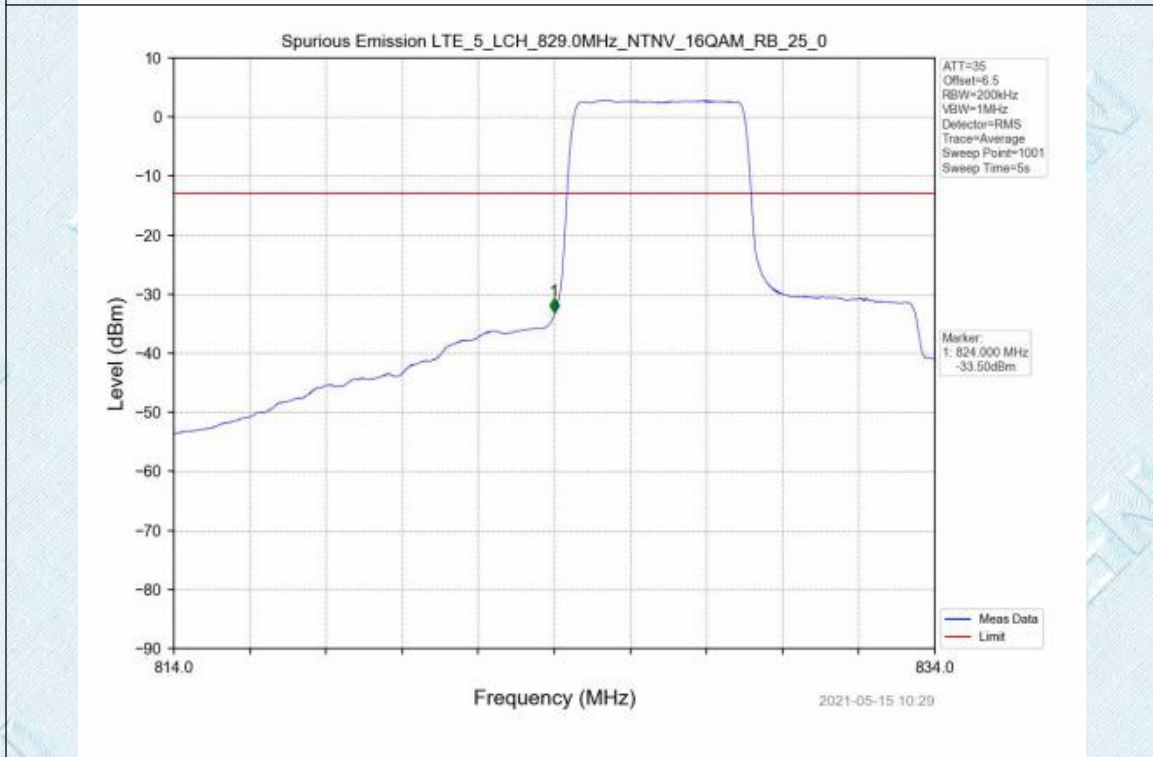
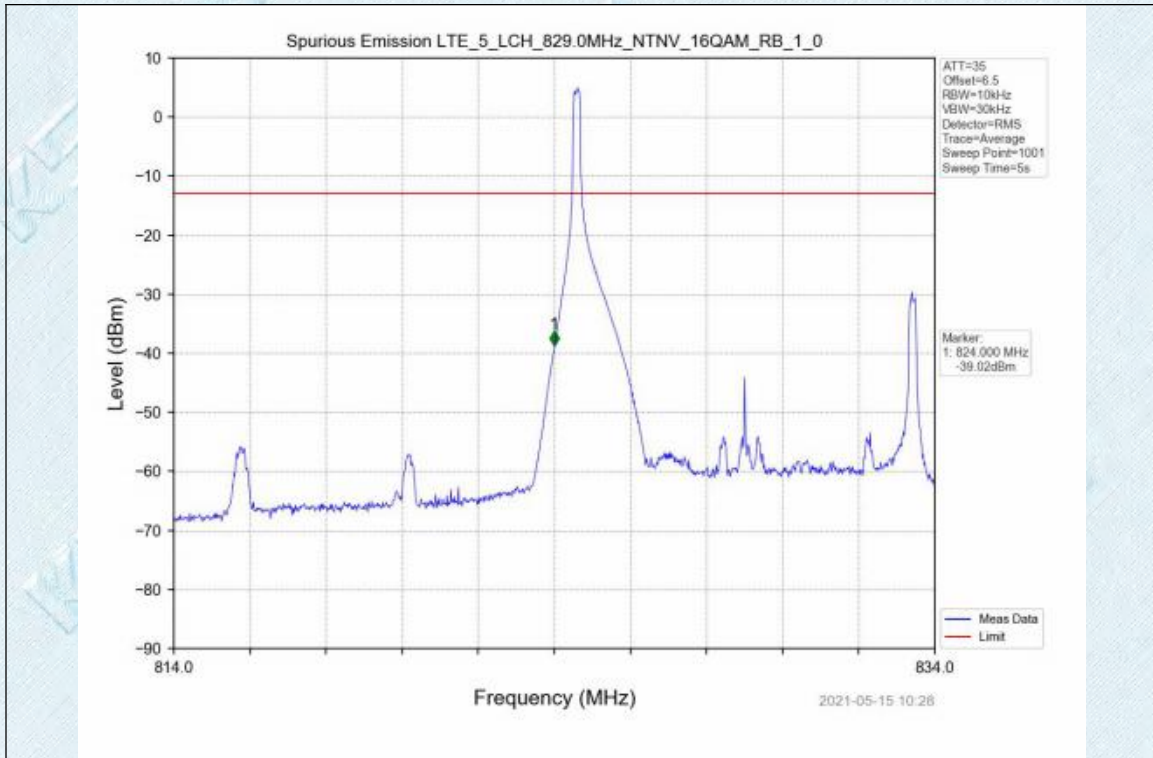


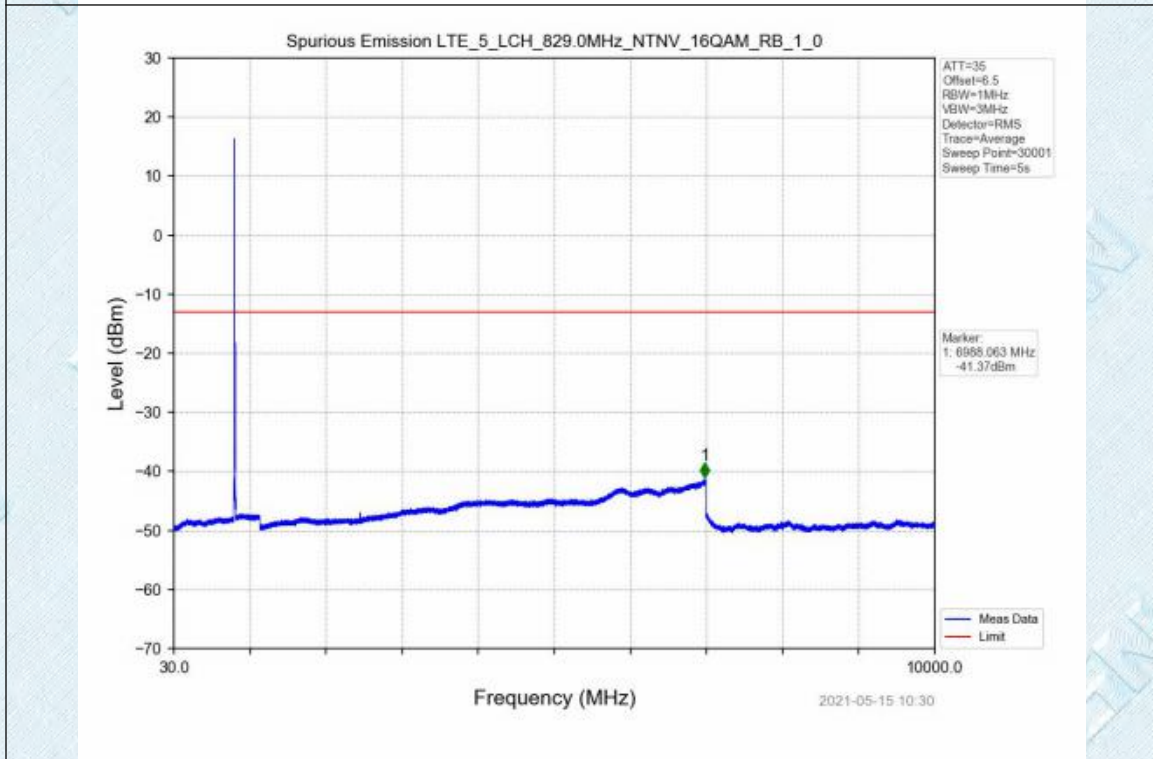
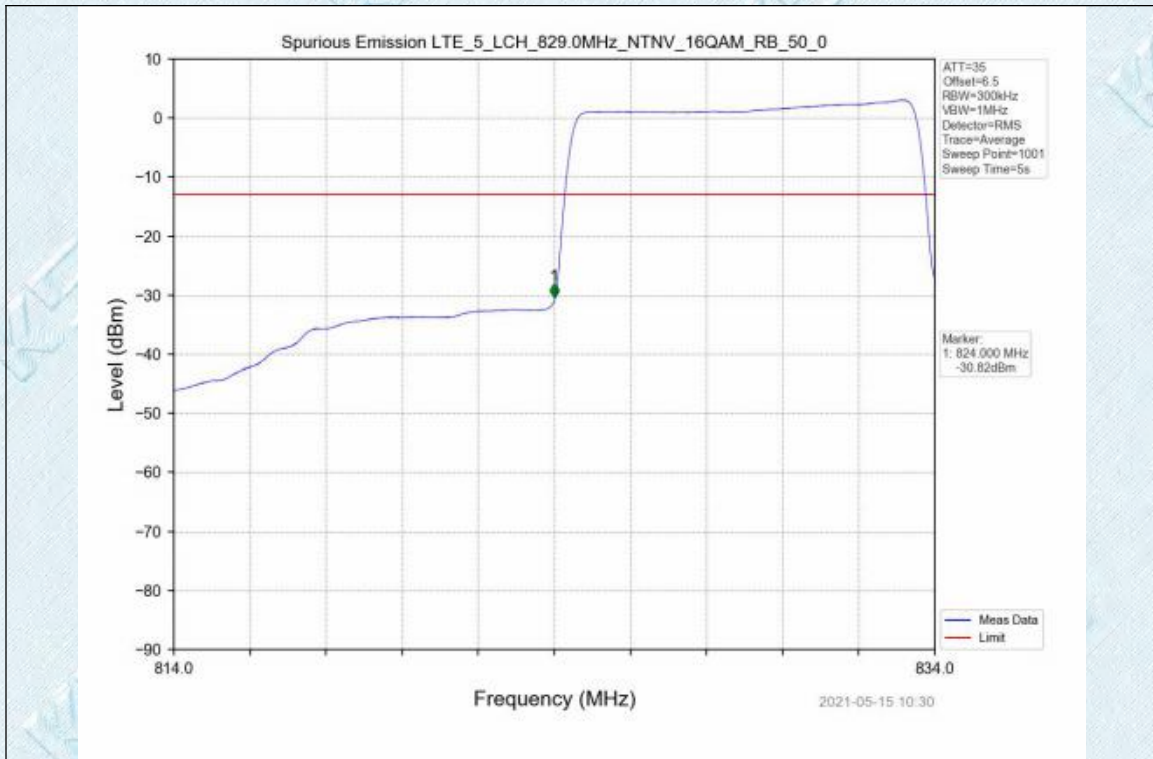


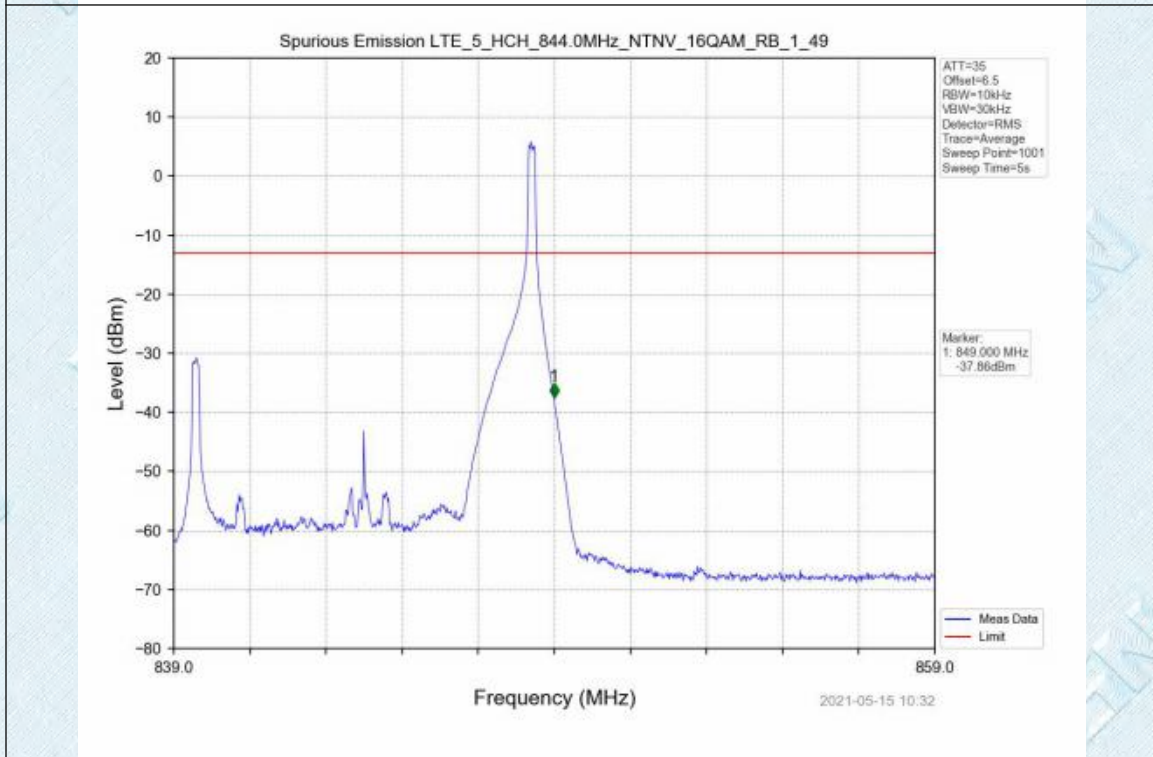
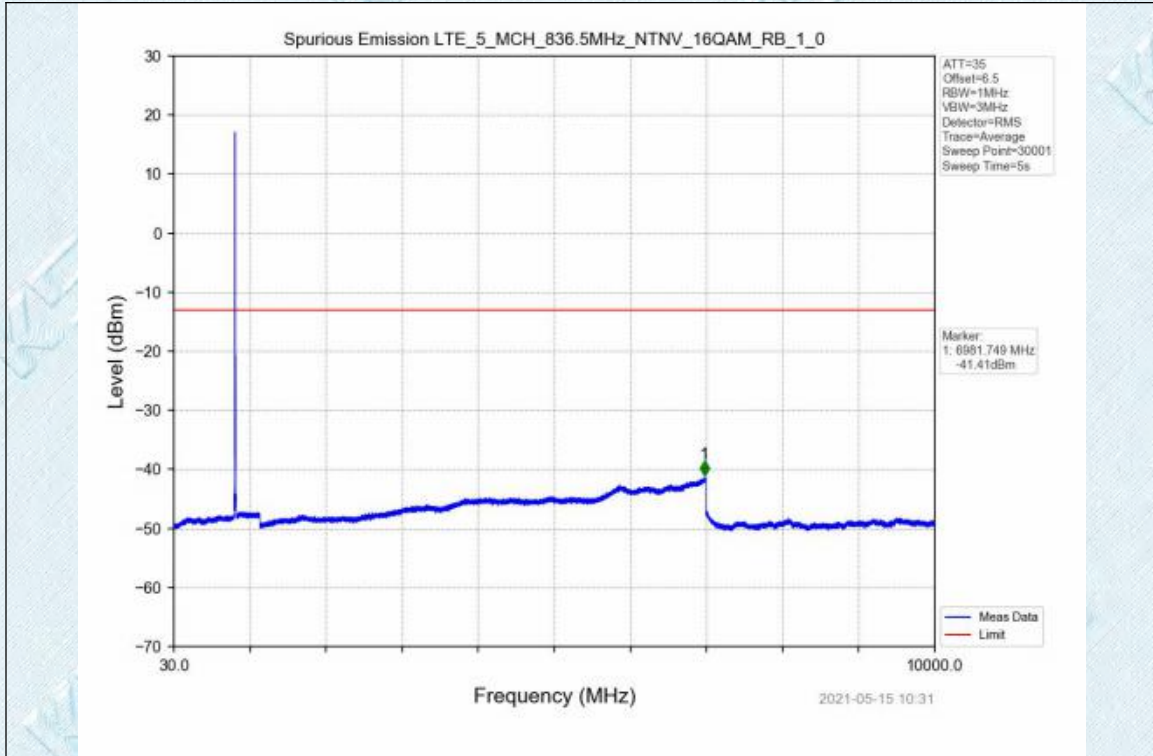


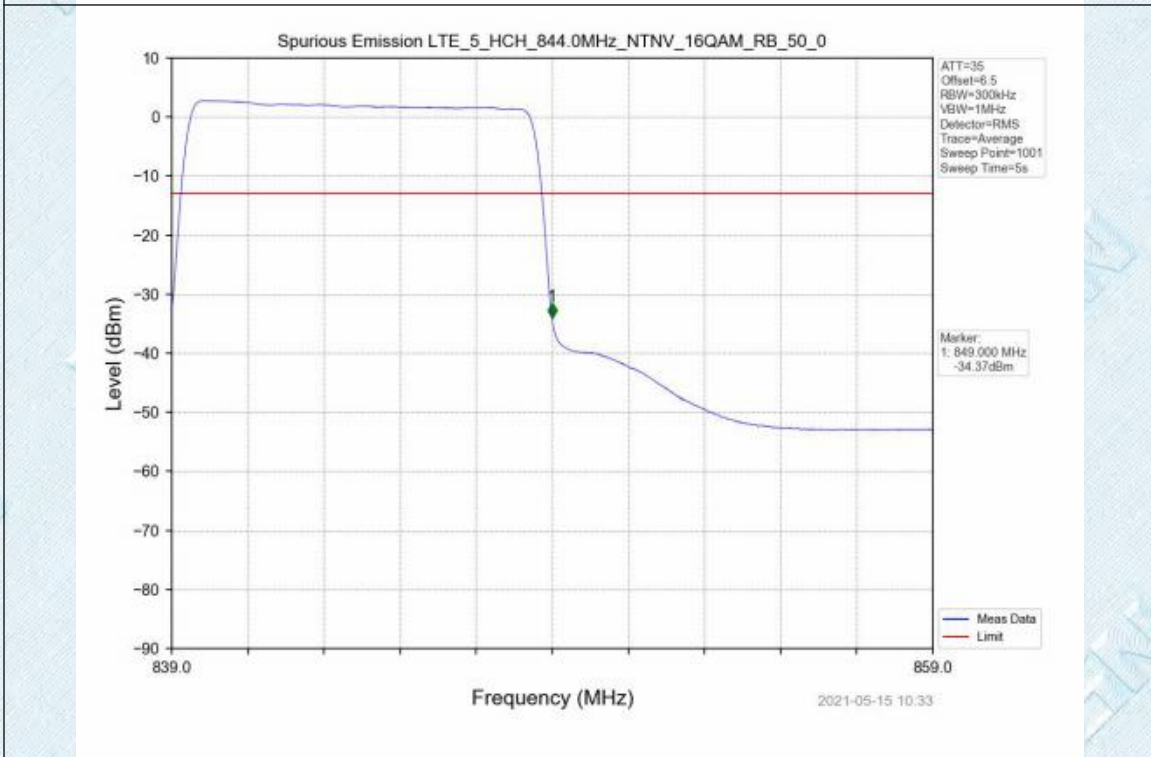
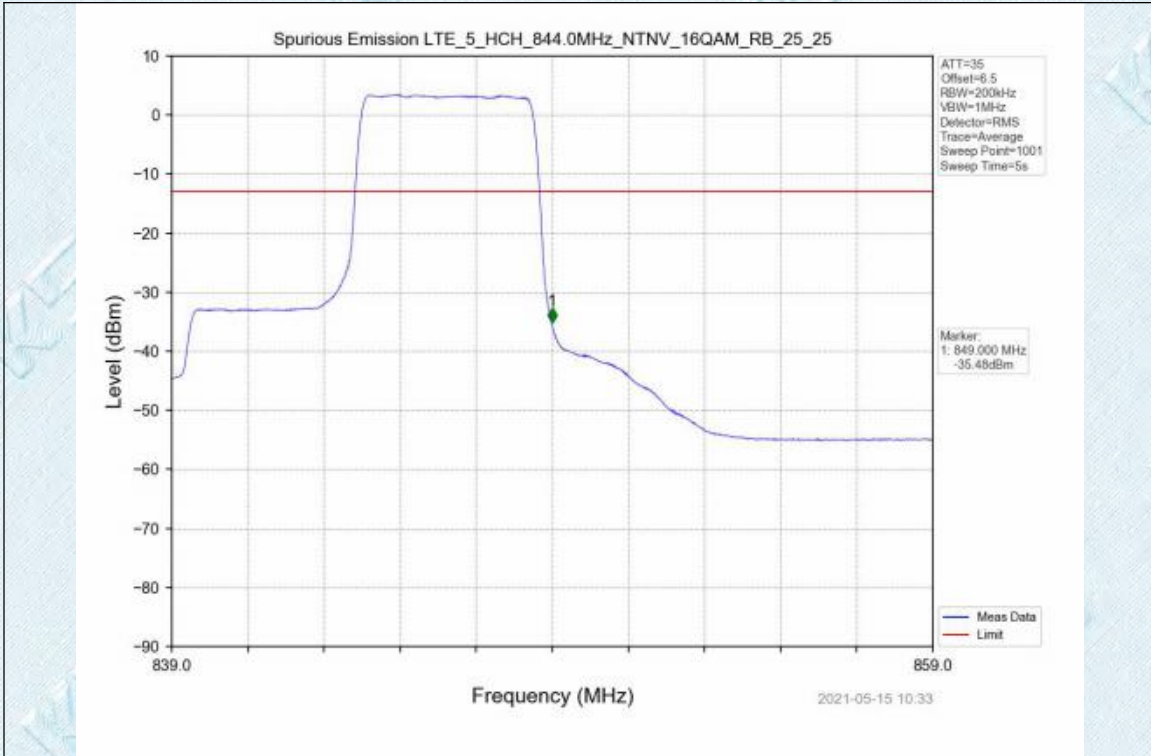
Test Band 5 _10MHz Bandwidth

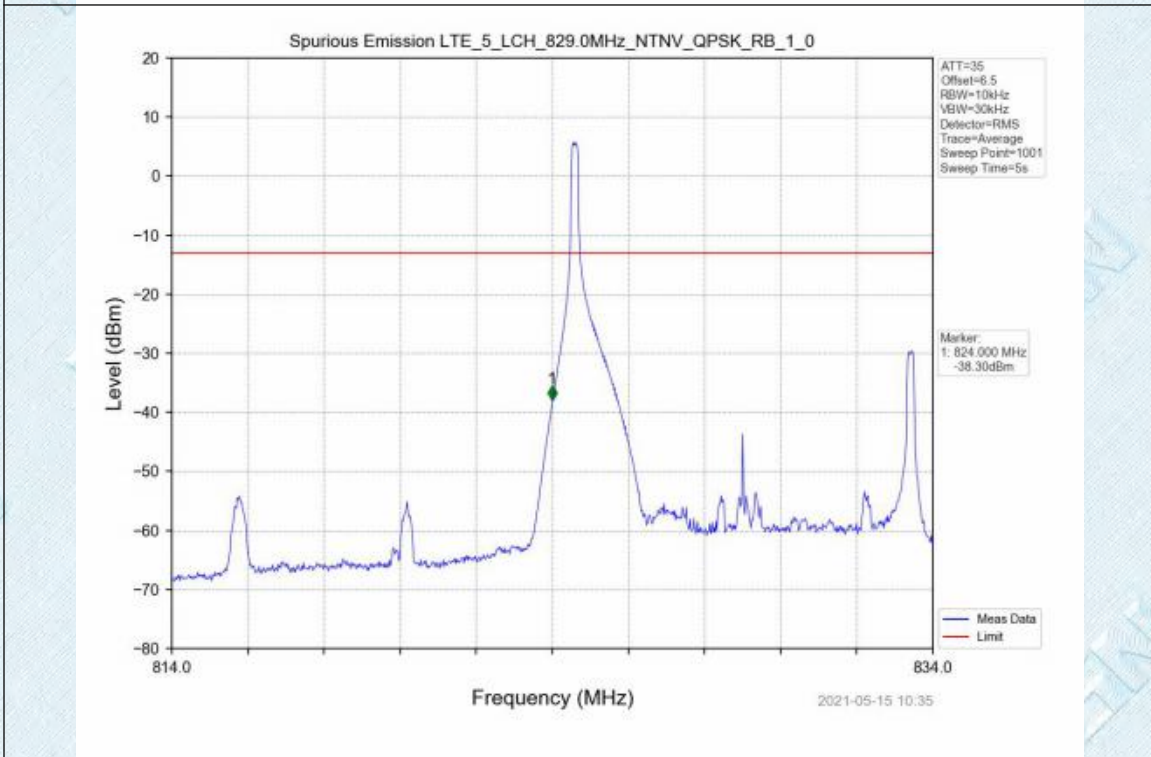
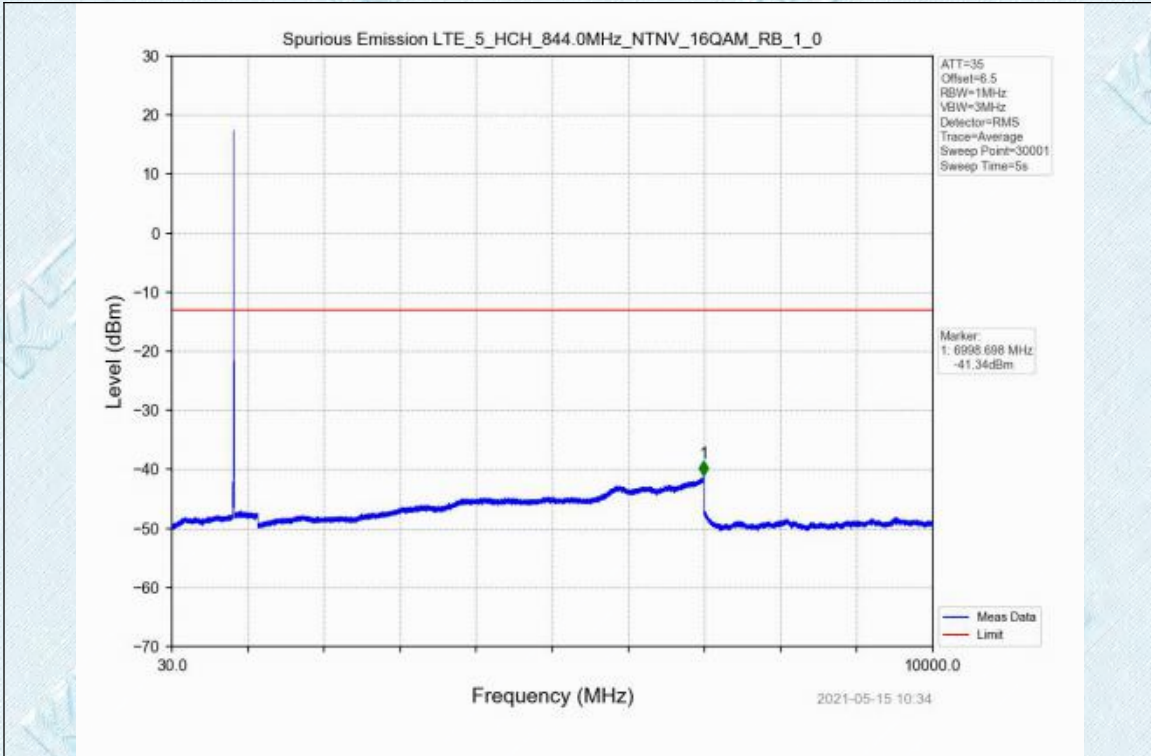
Test Graph

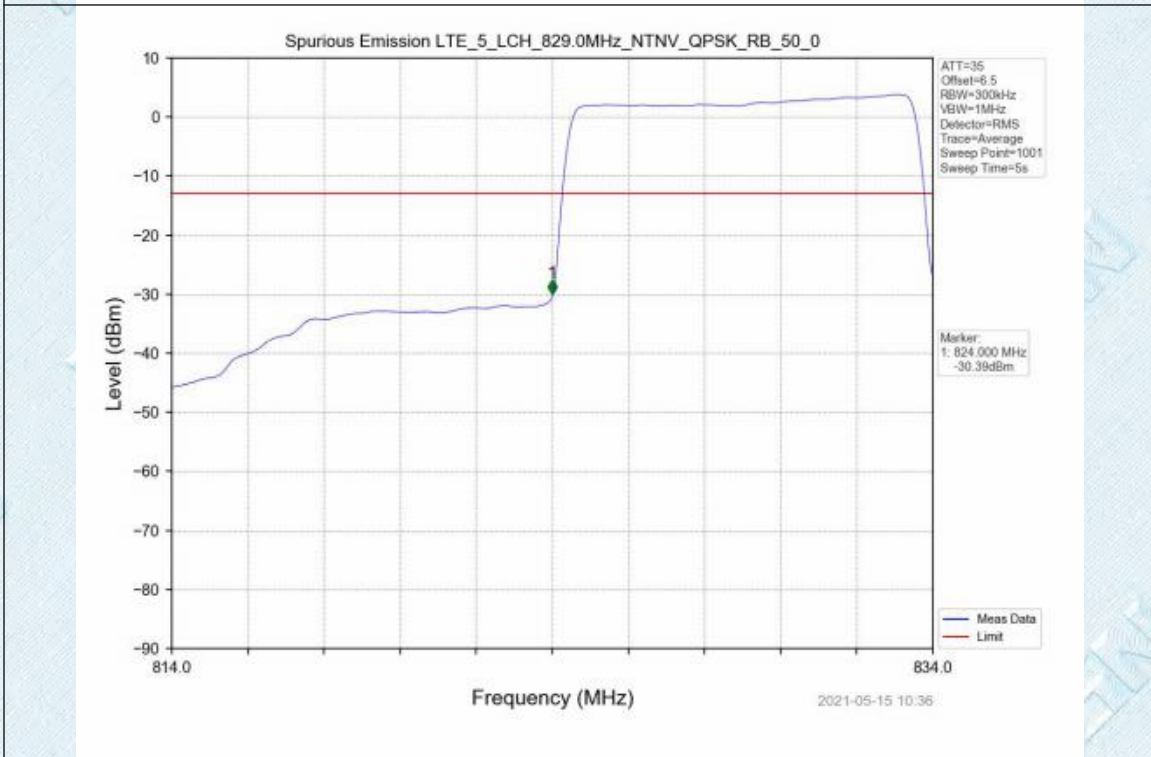
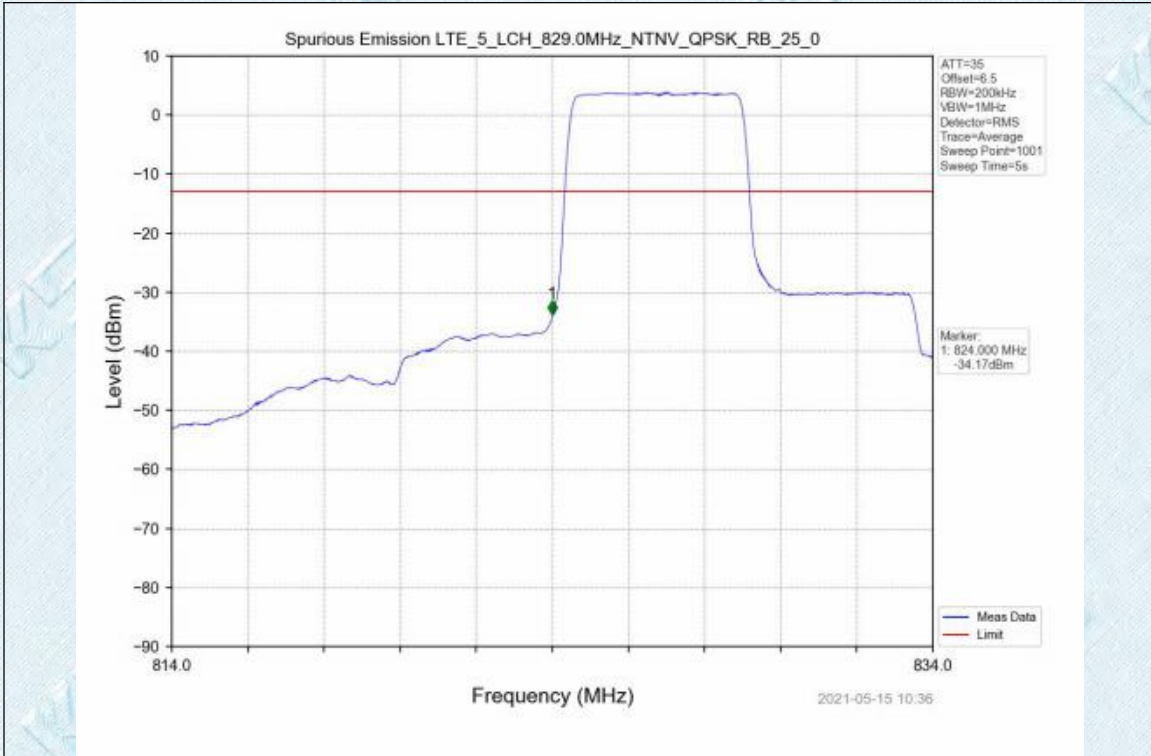


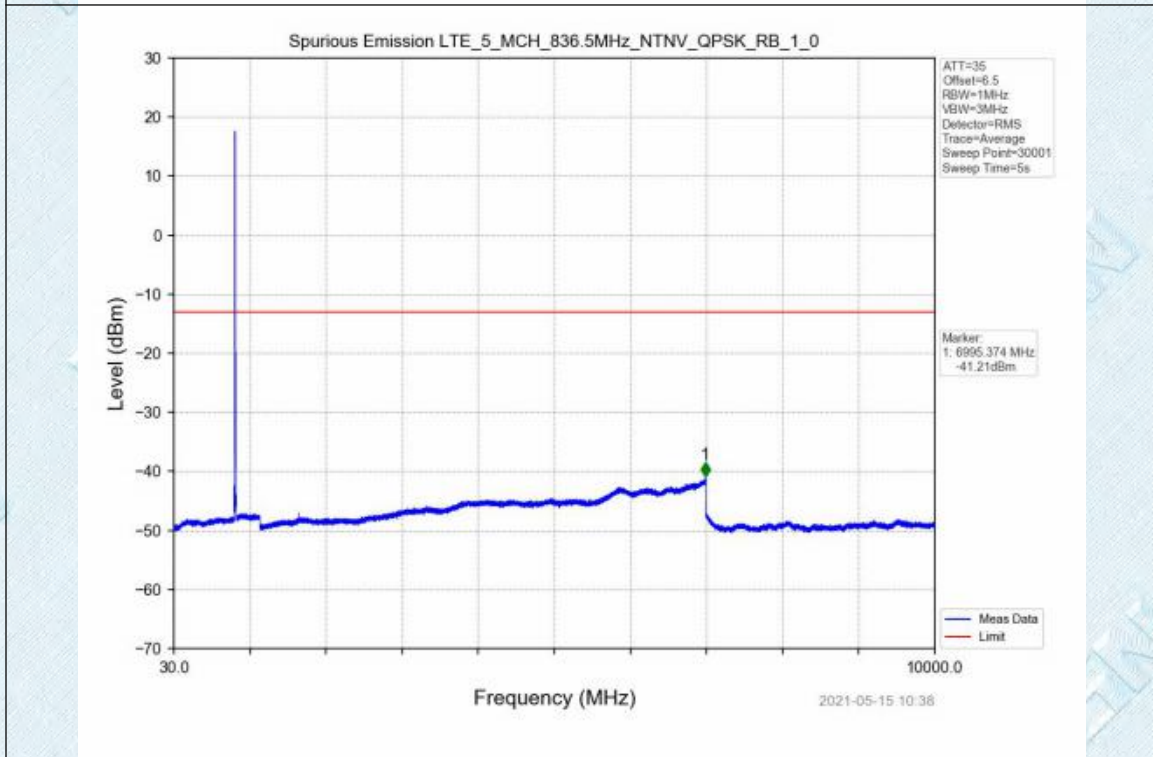
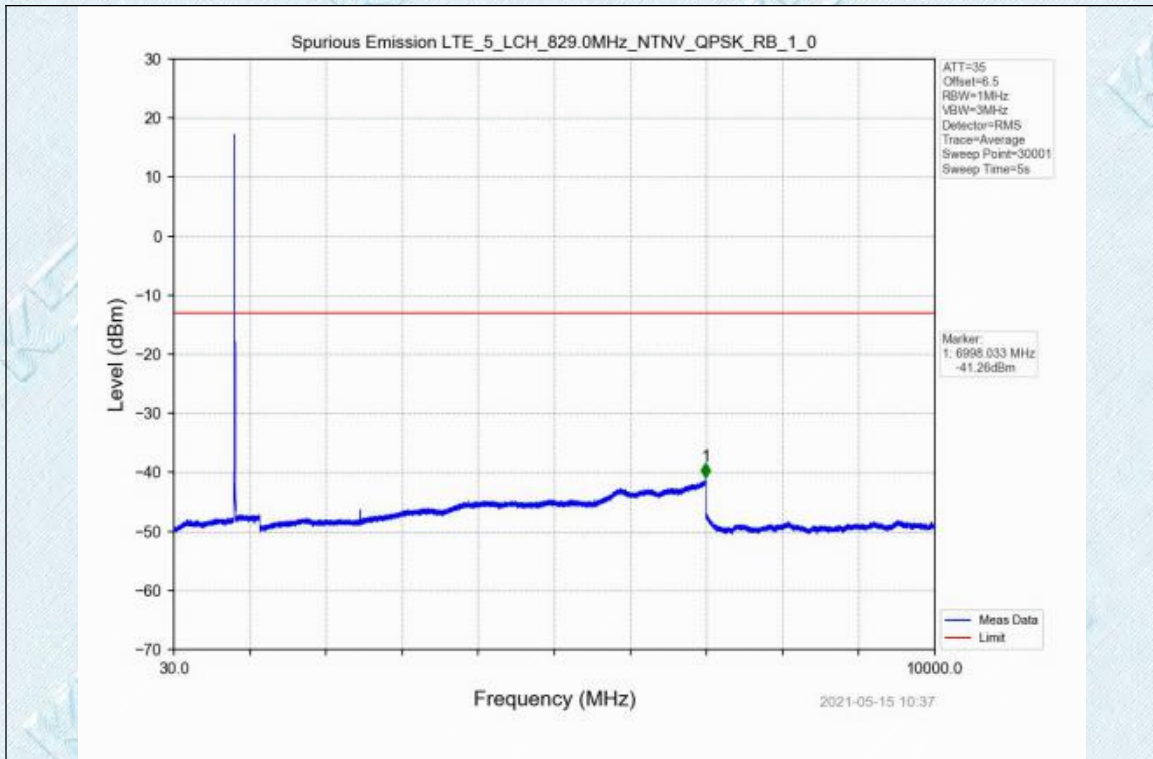


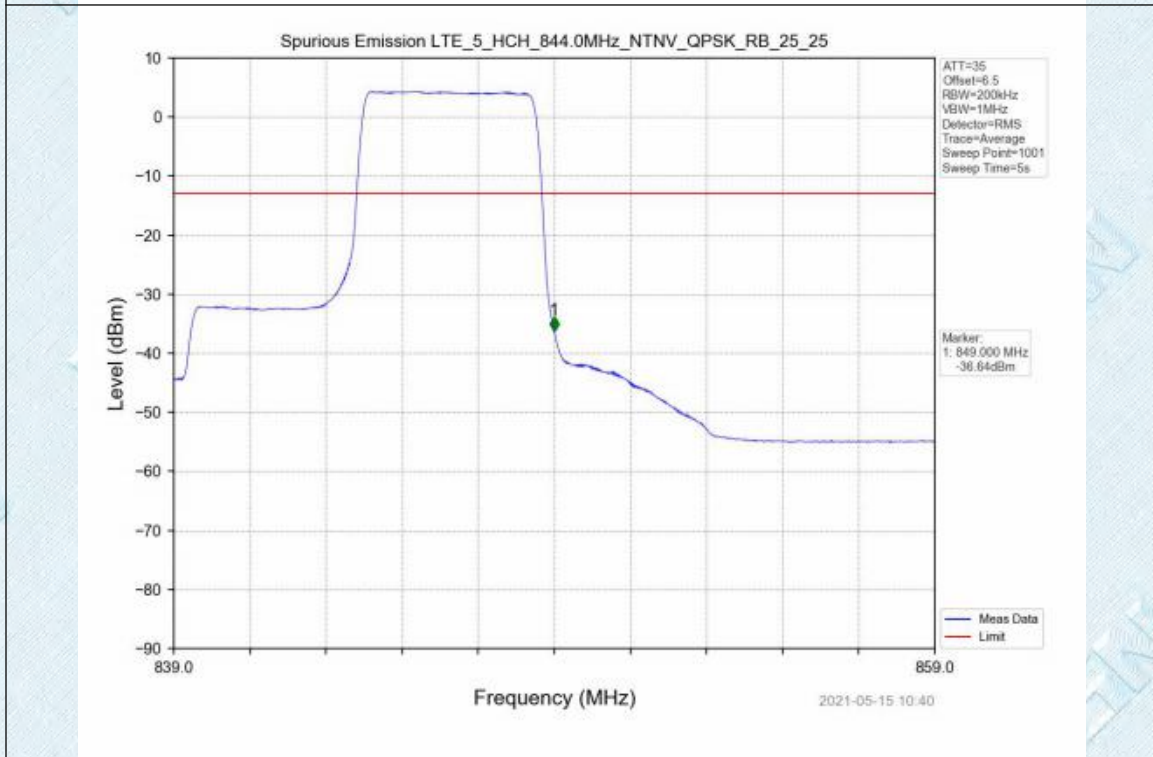
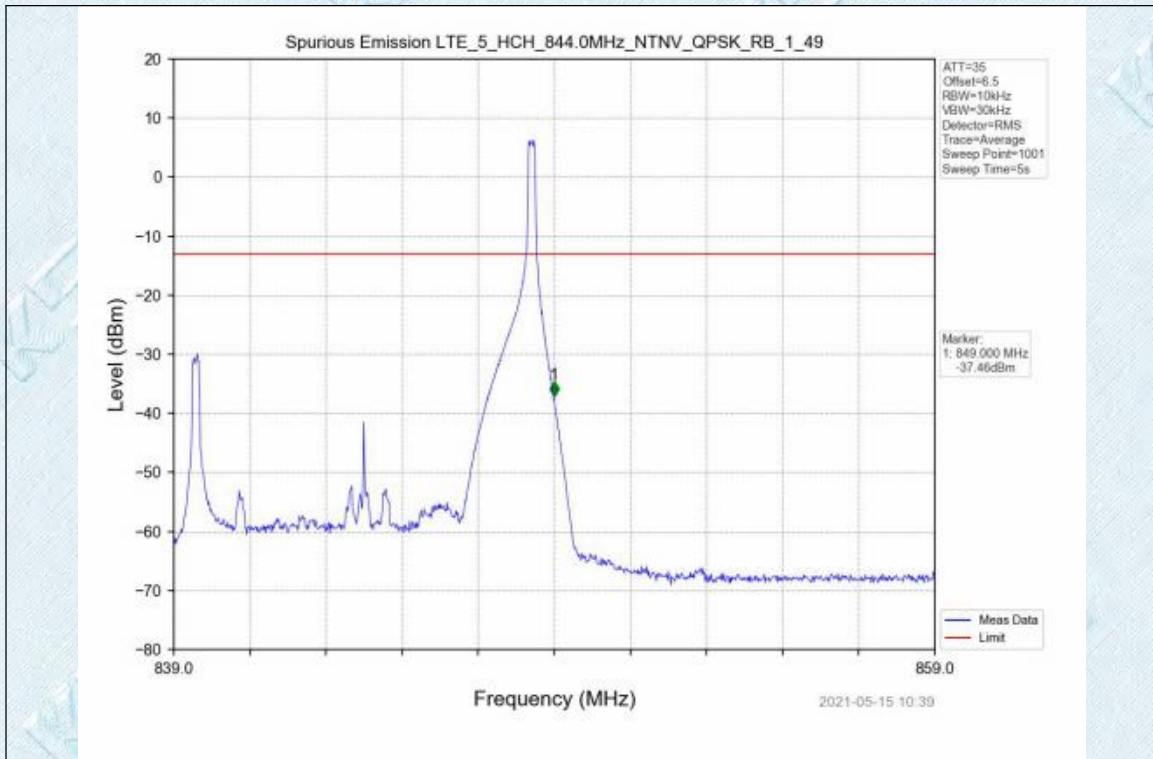


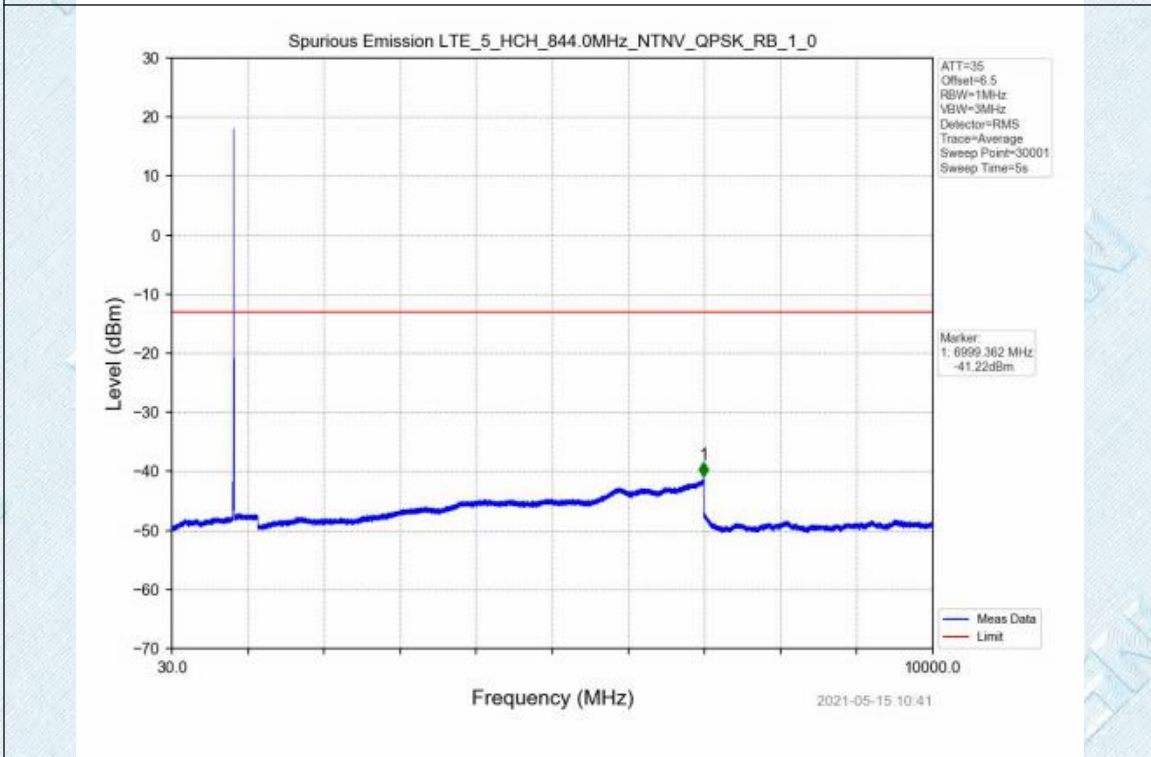
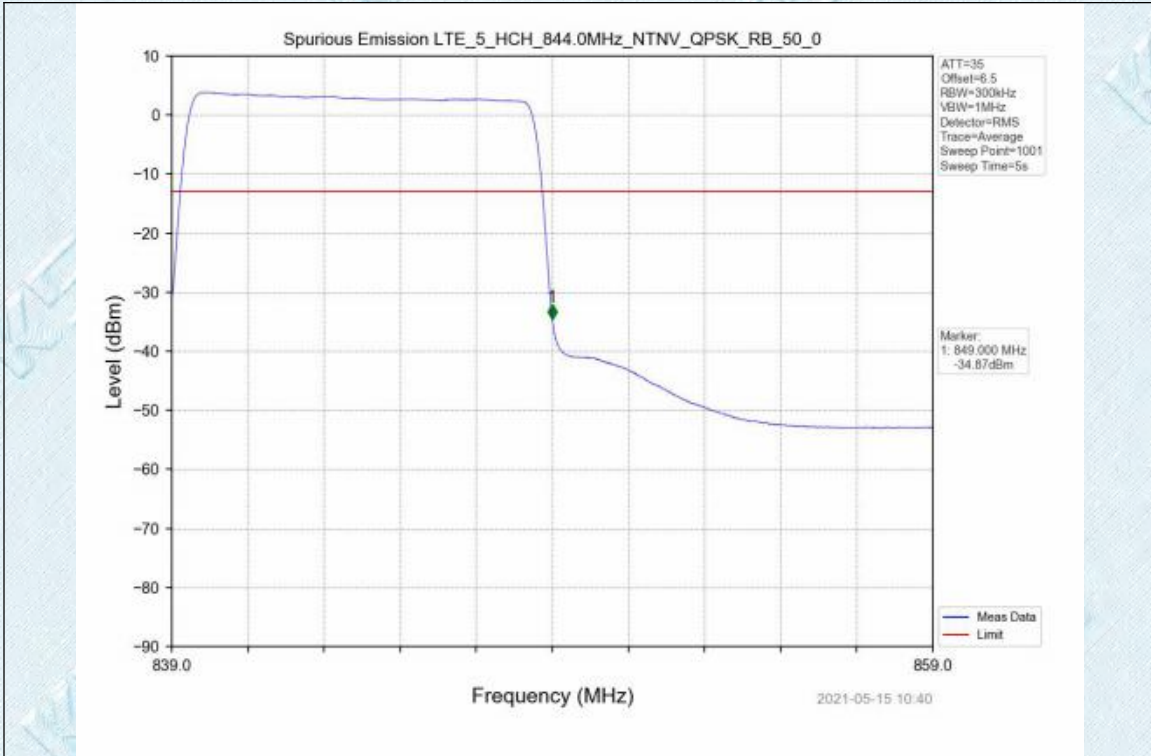












5. Frequency stability Test Result

Test Band: 5_ 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-1.1873	-2.8181	-4.4489	-0.0014	-0.0034	-0.0052	2.50	PASS
				NV	-5.6219	-0.2718	-5.2643	-0.0068	-0.0003	-0.0062	2.50	PASS
				HV	-7.4673	-6.5088	-6.6662	-0.0091	-0.0078	-0.0079	2.50	PASS
16QAM	6	0	NT	LV	-6.0940	-5.3787	-11.6730	-0.0074	-0.0064	-0.0138	2.50	PASS
				NV	-3.9768	-9.4128	-8.9407	-0.0048	-0.0113	-0.0105	2.50	PASS
				HV	-3.8338	-6.4230	-5.8079	-0.0046	-0.0077	-0.0068	2.50	PASS

Test Band: 5_ 1.4MHz Bandwidth (Frequency Error VS. Temperature)													
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict	
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH			
Test Mode					-20.00	-3.5477	-6.3372	-6.3801	-0.0043	-0.0076	-0.0075	2.50	PASS
					-10.00	-2.4176	-5.1785	-4.3917	-0.0029	-0.0062	-0.0052	2.50	PASS
					0.00	-2.7895	-6.0654	-5.4073	-0.0034	-0.0073	-0.0064	2.50	PASS
					10.00	-5.3501	-6.0511	-4.7636	-0.0065	-0.0072	-0.0056	2.50	PASS
					20.00	-4.9639	-4.1342	-5.5075	-0.0060	-0.0049	-0.0065	2.50	PASS
					30.00	-4.0054	-0.6580	-4.4346	-0.0049	-0.0008	-0.0052	2.50	PASS
					40.00	-7.7820	-2.9755	-4.4203	-0.0094	-0.0036	-0.0052	2.50	PASS
					50.00	-3.5048	-4.1342	-4.9353	-0.0042	-0.0049	-0.0058	2.50	PASS
					-20.00	-5.3930	-4.2486	-6.9952	-0.0065	-0.0051	-0.0082	2.50	PASS
					-10.00	-6.9666	-6.2513	-4.9353	-0.0084	-0.0075	-0.0058	2.50	PASS
					0.00	-3.5906	-6.8665	-3.4189	-0.0044	-0.0082	-0.0040	2.50	PASS
					10.00	-6.0797	-6.5660	-6.2513	-0.0074	-0.0078	-0.0074	2.50	PASS
					20.00	-7.6818	-4.0770	-6.3801	-0.0093	-0.0049	-0.0075	2.50	PASS
					30.00	-5.7507	-7.4959	-3.3331	-0.0070	-0.0090	-0.0039	2.50	PASS
					40.00	-4.7207	-4.8780	-7.2670	-0.0057	-0.0058	-0.0086	2.50	PASS
					50.00	-2.6178	-4.6778	-5.3501	-0.0032	-0.0056	-0.0063	2.50	PASS

Test Band: 5_ 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-8.5831	-7.4530	-3.9196	-0.0104	-0.0089	-0.0046	2.50	PASS
				NV	-5.3072	-5.3787	-6.1941	-0.0064	-0.0064	-0.0073	2.50	PASS
				HV	-5.5218	-7.1955	-7.3671	-0.0067	-0.0086	-0.0087	2.50	PASS
16QAM	15	0	NT	LV	-3.4189	-1.9169	-7.6962	-0.0041	-0.0023	-0.0091	2.50	PASS
				NV	-5.2357	-8.3542	-4.2343	-0.0063	-0.0100	-0.0050	2.50	PASS
				HV	-6.1083	-6.4373	-4.7207	-0.0074	-0.0077	-0.0056	2.50	PASS

Test Band: 5 3MHz Bandwidth (Frequency Error VS. Temperature)													
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict	
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH			
Test Mode					-20.00	-4.1199	-6.1512	-4.9782	-0.0050	-0.0074	-0.0059	2.50	PASS
					-10.00	-3.3474	-8.0681	-5.1069	-0.0041	-0.0096	-0.0060	2.50	PASS
					0.00	-3.4475	-7.1239	-9.2697	-0.0042	-0.0085	-0.0109	2.50	PASS
					10.00	-3.3188	-7.0667	-5.7077	-0.0040	-0.0084	-0.0067	2.50	PASS
					20.00	-6.1369	-4.3917	-5.2357	-0.0074	-0.0053	-0.0062	2.50	PASS
					30.00	-7.9679	-6.7663	-5.2071	-0.0097	-0.0081	-0.0061	2.50	PASS
					40.00	-5.6934	-4.9067	-5.2214	-0.0069	-0.0059	-0.0062	2.50	PASS
					50.00	-11.4012	-11.7445	-8.7261	-0.0138	-0.0140	-0.0103	2.50	PASS
					-20.00	-6.7091	-7.5960	-8.7833	-0.0081	-0.0091	-0.0104	2.50	PASS
					-10.00	-7.4387	-5.3358	-6.7091	-0.0090	-0.0064	-0.0079	2.50	PASS
					0.00	-5.6362	-6.1512	-7.6246	-0.0068	-0.0074	-0.0090	2.50	PASS
					10.00	-4.0913	-7.7248	-6.1512	-0.0050	-0.0092	-0.0073	2.50	PASS
					20.00	-5.7220	-4.4203	-8.6975	-0.0069	-0.0053	-0.0103	2.50	PASS
					30.00	-3.8481	-7.1669	-7.0953	-0.0047	-0.0086	-0.0084	2.50	PASS
					40.00	-5.5504	-5.6362	-5.5361	-0.0067	-0.0067	-0.0065	2.50	PASS
					50.00	-6.9809	-6.5517	-5.4932	-0.0085	-0.0078	-0.0065	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-4.3774	-3.5048	-4.5490	-0.0053	-0.0042	-0.0054	2.50	PASS
				NV	-5.9938	-5.9223	-4.2057	-0.0073	-0.0071	-0.0050	2.50	PASS
				HV	-9.2411	-6.4516	-8.9979	-0.0112	-0.0077	-0.0106	2.50	PASS
16QAM	25	0	NT	LV	-6.1941	-4.5919	-7.4100	-0.0075	-0.0055	-0.0088	2.50	PASS
				NV	-4.3917	-3.1471	-10.2425	-0.0053	-0.0038	-0.0121	2.50	PASS
				HV	-8.0395	-7.9823	-5.9652	-0.0097	-0.0095	-0.0070	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Temperature)													
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict	
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH			
Test Mode					-20.00	-7.7391	-7.0095	-7.8678	-0.0094	-0.0084	-0.0093	2.50	PASS
					-10.00	-3.3903	-4.6635	-5.1928	-0.0041	-0.0056	-0.0061	2.50	PASS
					0.00	-4.4632	-4.6062	-7.4244	-0.0054	-0.0055	-0.0088	2.50	PASS
					10.00	-7.4100	-7.2098	-10.9720	-0.0090	-0.0086	-0.0130	2.50	PASS
					20.00	-6.1798	-5.9366	-7.2241	-0.0075	-0.0071	-0.0085	2.50	PASS
					30.00	-6.4230	-8.1110	-8.4400	-0.0078	-0.0097	-0.0100	2.50	PASS
					40.00	-8.9550	-5.9795	-3.0041	-0.0108	-0.0071	-0.0035	2.50	PASS
					50.00	-8.0824	-3.6335	-8.3256	-0.0098	-0.0043	-0.0098	2.50	PASS
					-20.00	-6.8378	-6.3515	-5.0068	-0.0083	-0.0076	-0.0059	2.50	PASS
					-10.00	-6.9523	-5.8079	-7.0667	-0.0084	-0.0069	-0.0083	2.50	PASS
					0.00	-4.2200	-6.2084	-10.0422	-0.0051	-0.0074	-0.0119	2.50	PASS
					10.00	-6.8092	-7.3099	-5.9366	-0.0082	-0.0087	-0.0070	2.50	PASS
					20.00	-5.8651	-6.5947	-6.9380	-0.0071	-0.0079	-0.0082	2.50	PASS
					30.00	-3.0470	-5.8794	-11.4012	-0.0037	-0.0070	-0.0135	2.50	PASS
					40.00	-8.1539	-3.9911	-5.4502	-0.0099	-0.0048	-0.0064	2.50	PASS
					50.00	-9.2697	-6.9666	-10.7718	-0.0112	-0.0083	-0.0127	2.50	PASS

Test Band: 5 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-8.9836	-4.9925	-9.9707	-0.0108	-0.0060	-0.0118	2.50	PASS
				NV	-9.7132	-7.7677	-6.4516	-0.0117	-0.0093	-0.0076	2.50	PASS
				HV	-10.6144	-6.7949	-4.9496	-0.0128	-0.0081	-0.0059	2.50	PASS
16QAM	50	0	NT	LV	-7.5817	-4.5061	-4.5776	-0.0091	-0.0054	-0.0054	2.50	PASS
				NV	-5.7364	-7.5817	-7.6103	-0.0069	-0.0091	-0.0090	2.50	PASS
				HV	-7.3528	-4.7350	-5.8365	-0.0089	-0.0057	-0.0069	2.50	PASS

Test Band: 5 10MHz Bandwidth (Frequency Error VS. Temperature)													
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict	
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH			
Test Mode					-20.00	-5.9938	-6.7663	-7.1812	-0.0072	-0.0081	-0.0085	2.50	PASS
					-10.00	-7.2241	-5.7077	-9.2983	-0.0087	-0.0068	-0.0110	2.50	PASS
					0.00	-6.2942	-7.3099	-7.3671	-0.0076	-0.0087	-0.0087	2.50	PASS
					10.00	-8.1396	-6.9952	-6.1226	-0.0098	-0.0084	-0.0073	2.50	PASS
					20.00	-8.1968	-5.8079	-7.0381	-0.0099	-0.0069	-0.0083	2.50	PASS
					30.00	-11.1008	-4.2629	-6.3086	-0.0134	-0.0051	-0.0075	2.50	PASS
					40.00	-9.6560	-5.7793	-7.4816	-0.0116	-0.0069	-0.0089	2.50	PASS
					50.00	-7.7963	-6.7234	-9.1267	-0.0094	-0.0080	-0.0108	2.50	PASS
					-20.00	-5.9652	-5.0783	-3.5191	-0.0072	-0.0061	-0.0042	2.50	PASS
					-10.00	-10.1852	-4.1771	-6.4373	-0.0123	-0.0050	-0.0076	2.50	PASS
					0.00	-8.7404	-5.7936	-5.4502	-0.0105	-0.0069	-0.0065	2.50	PASS
					10.00	-7.9966	-5.9509	-5.2786	-0.0096	-0.0071	-0.0063	2.50	PASS
					20.00	-7.8392	-6.8092	-4.4489	-0.0095	-0.0081	-0.0053	2.50	PASS
					30.00	-8.5974	-6.7234	-10.1137	-0.0104	-0.0080	-0.0120	2.50	PASS
					40.00	-7.6103	-6.0940	-7.4530	-0.0092	-0.0073	-0.0088	2.50	PASS
					50.00	-6.0940	-4.1628	-6.9237	-0.0074	-0.0050	-0.0082	2.50	PASS