

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B13_5MHz_ERP

Band: 13 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	779.5	1	0	22.56	-9.90	10.51	<=34.77	Pass		
			13	22.52	-9.90	10.47	<=34.77	Pass		
			24	22.52	-9.90	10.47	<=34.77	Pass		
		12	0	21.72	-9.90	9.67	<=34.77	Pass		
			6	21.80	-9.90	9.75	<=34.77	Pass		
			13	21.73	-9.90	9.68	<=34.77	Pass		
		25	0	21.76	-9.90	9.71	<=34.77	Pass		
		782	1	0	22.54	-9.90	10.49	<=34.77	Pass	
				13	22.73	-9.90	10.68	<=34.77	Pass	
	24			22.48	-9.90	10.43	<=34.77	Pass		
	12		0	21.81	-9.90	9.76	<=34.77	Pass		
			6	21.77	-9.90	9.72	<=34.77	Pass		
			13	21.74	-9.90	9.69	<=34.77	Pass		
	25		0	21.74	-9.90	9.69	<=34.77	Pass		
	784.5		1	0	22.75	-9.90	10.70	<=34.77	Pass	
				13	22.70	-9.90	10.65	<=34.77	Pass	
		24		22.74	-9.90	10.69	<=34.77	Pass		
		12	0	21.81	-9.90	9.76	<=34.77	Pass		
			6	21.87	-9.90	9.82	<=34.77	Pass		
			13	21.82	-9.90	9.77	<=34.77	Pass		
		25	0	21.82	-9.90	9.77	<=34.77	Pass		
		16QAM	779.5	1	0	21.95	-9.90	9.90	<=34.77	Pass
					13	22.24	-9.90	10.19	<=34.77	Pass
	24				22.01	-9.90	9.96	<=34.77	Pass	
12	0			20.66	-9.90	8.61	<=34.77	Pass		
	6			20.66	-9.90	8.61	<=34.77	Pass		
	13			20.80	-9.90	8.75	<=34.77	Pass		
25	0			20.68	-9.90	8.63	<=34.77	Pass		
782	1			0	21.16	-9.90	9.11	<=34.77	Pass	
				13	21.22	-9.90	9.17	<=34.77	Pass	
			24	21.37	-9.90	9.32	<=34.77	Pass		
	12		0	20.70	-9.90	8.65	<=34.77	Pass		
			6	20.86	-9.90	8.81	<=34.77	Pass		
			13	20.63	-9.90	8.58	<=34.77	Pass		
	25		0	20.86	-9.90	8.81	<=34.77	Pass		
	784.5		1	0	21.55	-9.90	9.50	<=34.77	Pass	
				13	21.35	-9.90	9.30	<=34.77	Pass	
24				21.31	-9.90	9.26	<=34.77	Pass		
12			0	20.55	-9.90	8.50	<=34.77	Pass		
			6	20.80	-9.90	8.75	<=34.77	Pass		
			13	20.85	-9.90	8.80	<=34.77	Pass		
25			0	20.58	-9.90	8.53	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B13_10MHz_ERP

Band: 13 / Bandwidth: 10MHz / NTV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	22.59	-9.90	10.54	<=34.77	Pass
			25	22.93	-9.90	10.88	<=34.77	Pass
			49	22.56	-9.90	10.51	<=34.77	Pass
		25	0	21.83	-9.90	9.78	<=34.77	Pass
			13	21.76	-9.90	9.71	<=34.77	Pass
			25	21.77	-9.90	9.72	<=34.77	Pass
		50	0	21.83	-9.90	9.78	<=34.77	Pass
16QAM	782	1	0	22.05	-9.90	10.00	<=34.77	Pass
			25	21.88	-9.90	9.83	<=34.77	Pass
			49	21.95	-9.90	9.90	<=34.77	Pass
		25	0	20.86	-9.90	8.81	<=34.77	Pass
			13	20.92	-9.90	8.87	<=34.77	Pass
			25	20.86	-9.90	8.81	<=34.77	Pass
		50	0	21.32	-9.90	9.27	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	779.5	25	0	20	3.27	-7.510	-0.0096	-2.5 to 2.5	Pass	
					3.85	-10.128	-0.0130	-2.5 to 2.5	Pass	
					4.43	-5.107	-0.0066	-2.5 to 2.5	Pass	
				-30	3.85	-9.127	-0.0117	-2.5 to 2.5	Pass	
					-20	3.85	-8.311	-0.0107	-2.5 to 2.5	Pass
					-10	3.85	-7.539	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-8.311	-0.0107	-2.5 to 2.5	Pass	
					10	3.85	-7.839	-0.0101	-2.5 to 2.5	Pass
					30	3.85	-6.709	-0.0086	-2.5 to 2.5	Pass
	40	3.85	-9.828	-0.0126	-2.5 to 2.5	Pass				
	50	3.85	-7.195	-0.0092	-2.5 to 2.5	Pass				
	782	25	0	20	3.27	-1.330	-0.0017	-2.5 to 2.5	Pass	
					3.85	-7.567	-0.0097	-2.5 to 2.5	Pass	
					4.43	-9.270	-0.0119	-2.5 to 2.5	Pass	
				-30	3.85	-8.326	-0.0106	-2.5 to 2.5	Pass	
					-20	3.85	-6.824	-0.0087	-2.5 to 2.5	Pass
					-10	3.85	-6.194	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-6.008	-0.0077	-2.5 to 2.5	Pass	
					10	3.85	-3.648	-0.0047	-2.5 to 2.5	Pass
					30	3.85	-8.368	-0.0107	-2.5 to 2.5	Pass
	40	3.85	-6.108	-0.0078	-2.5 to 2.5	Pass				
	50	3.85	-1.202	-0.0015	-2.5 to 2.5	Pass				
	784.5	25	0	20	3.27	-6.738	-0.0086	-2.5 to 2.5	Pass	
					3.85	-6.766	-0.0086	-2.5 to 2.5	Pass	
					4.43	-3.920	-0.0050	-2.5 to 2.5	Pass	
				-30	3.85	-6.595	-0.0084	-2.5 to 2.5	Pass	
					-20	3.85	-5.794	-0.0074	-2.5 to 2.5	Pass
-10					3.85	-10.715	-0.0137	-2.5 to 2.5	Pass	
0				3.85	-7.768	-0.0099	-2.5 to 2.5	Pass		

				10	3.85	-12.274	-0.0156	-2.5 to 2.5	Pass
				30	3.85	-7.496	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-9.084	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0040	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-8.197	-0.0105	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0074	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-5.980	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-7.253	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-11.086	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-6.409	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-6.552	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-8.383	-0.0108	-2.5 to 2.5	Pass
				40	3.85	-7.339	-0.0094	-2.5 to 2.5	Pass
	50	3.85	-7.553	-0.0097	-2.5 to 2.5	Pass			
	782	25	0	20	3.27	-9.556	-0.0122	-2.5 to 2.5	Pass
					3.85	-8.841	-0.0113	-2.5 to 2.5	Pass
					4.43	-10.142	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.622	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-12.531	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-7.482	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-8.154	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-7.524	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-5.937	-0.0076	-2.5 to 2.5	Pass
	50	3.85	-9.484	-0.0121	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.27	-5.021	-0.0064	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0055	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-7.124	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0070	-2.5 to 2.5	Pass
30				3.85	-6.824	-0.0087	-2.5 to 2.5	Pass	
40				3.85	-6.337	-0.0081	-2.5 to 2.5	Pass	
50	3.85	-8.211	-0.0105	-2.5 to 2.5	Pass				

2.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	3.27	-6.766	-0.0087	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0084	-2.5 to 2.5	Pass
					4.43	-3.676	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-6.466	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-9.227	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-6.366	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-5.908	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-7.267	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-6.609	-0.0085	-2.5 to 2.5	Pass
50	3.85	-7.510	-0.0096	-2.5 to 2.5	Pass				
16QAM	782	50	0	20	3.27	-6.466	-0.0083	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0087	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0080	-2.5 to 2.5	Pass

				-30	3.85	-4.478	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-8.268	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-7.954	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-8.955	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-5.350	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-6.838	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-4.563	-0.0058	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

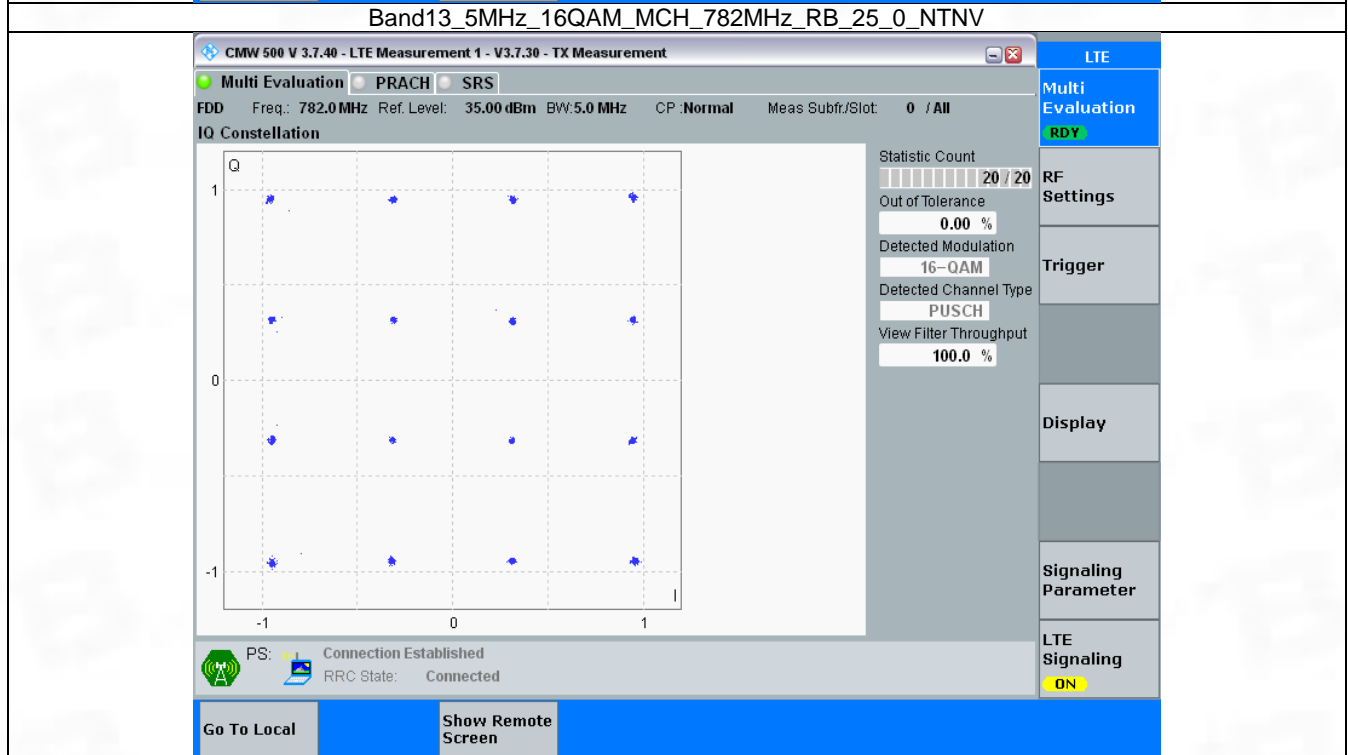
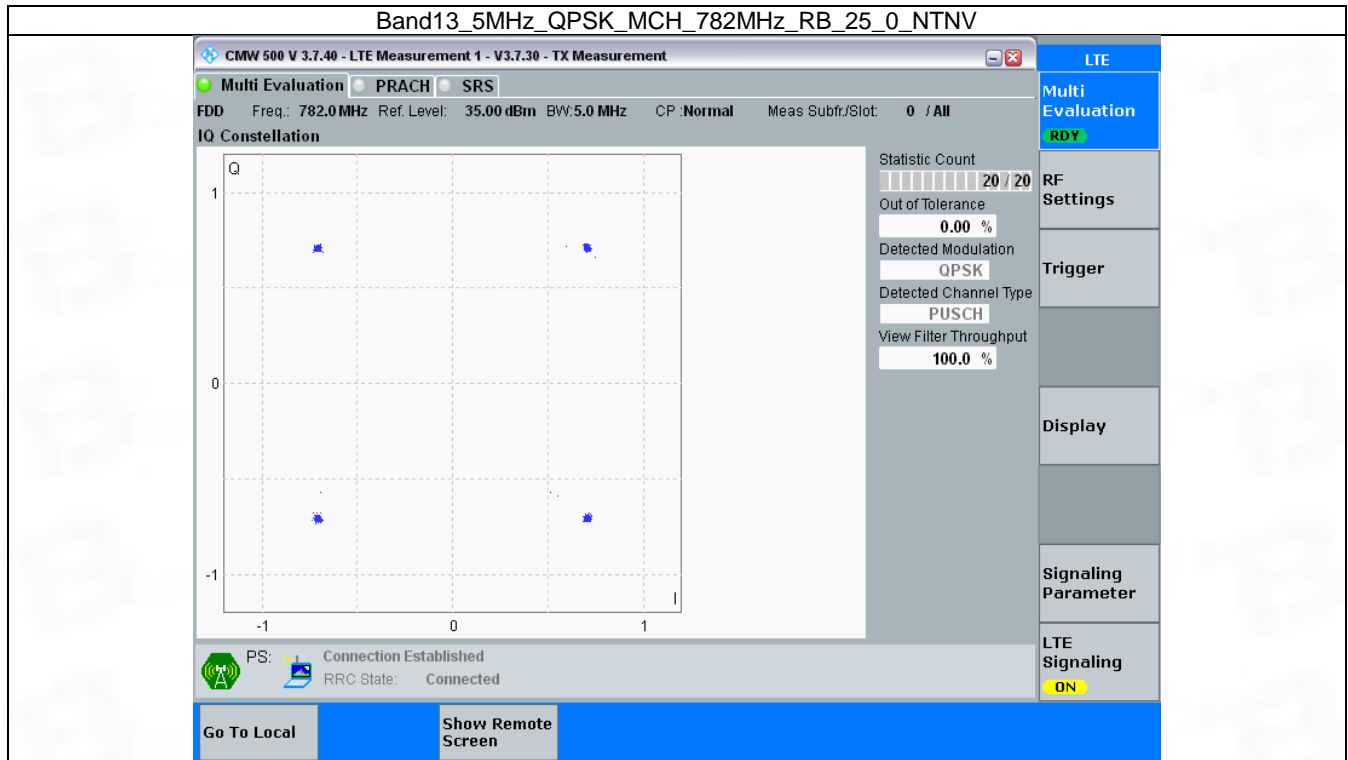
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B13_5MHz



3.2.2 B13_10MHz

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 782.0 MHz Ref. Level: 35.00 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 %

LTE

Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling ON

PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 782.0 MHz Ref. Level: 35.00 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: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling ON

PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band13_OBW

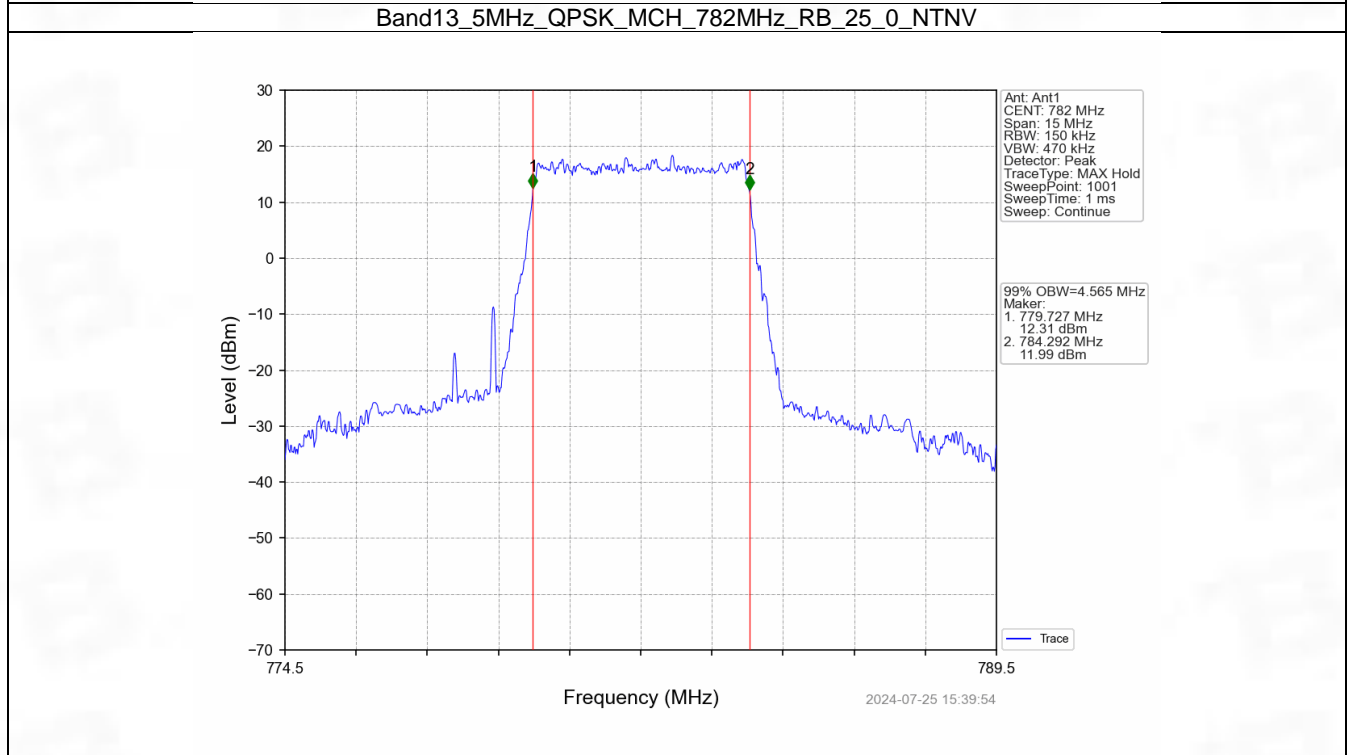
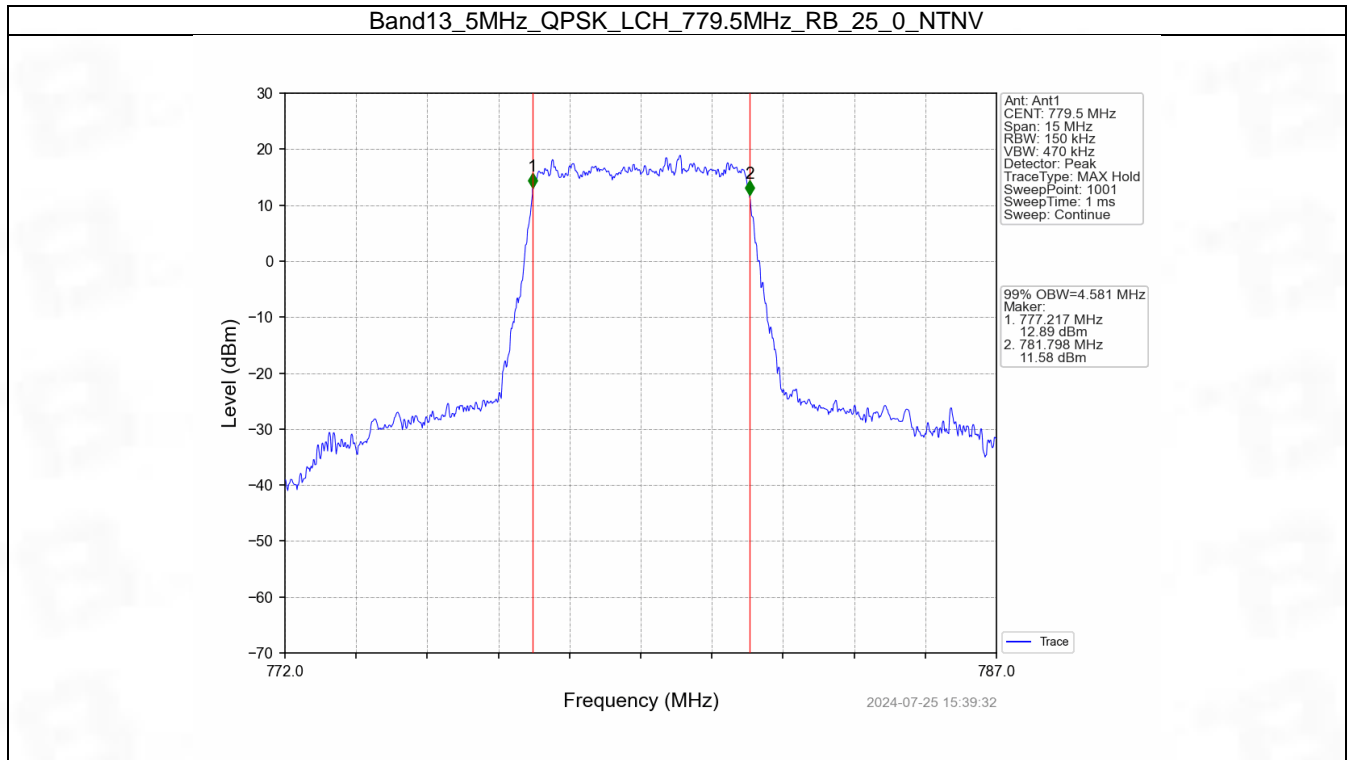
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.581	/	Pass
		782	25	0	4.565	/	Pass
		784.5	25	0	4.555	/	Pass
	16QAM	779.5	25	0	4.551	/	Pass
		782	25	0	4.582	/	Pass
		784.5	25	0	4.570	/	Pass
10	QPSK	782	50	0	9.078	/	Pass
	16QAM	782	50	0	9.063	/	Pass

4.1.2 Band13_XDB

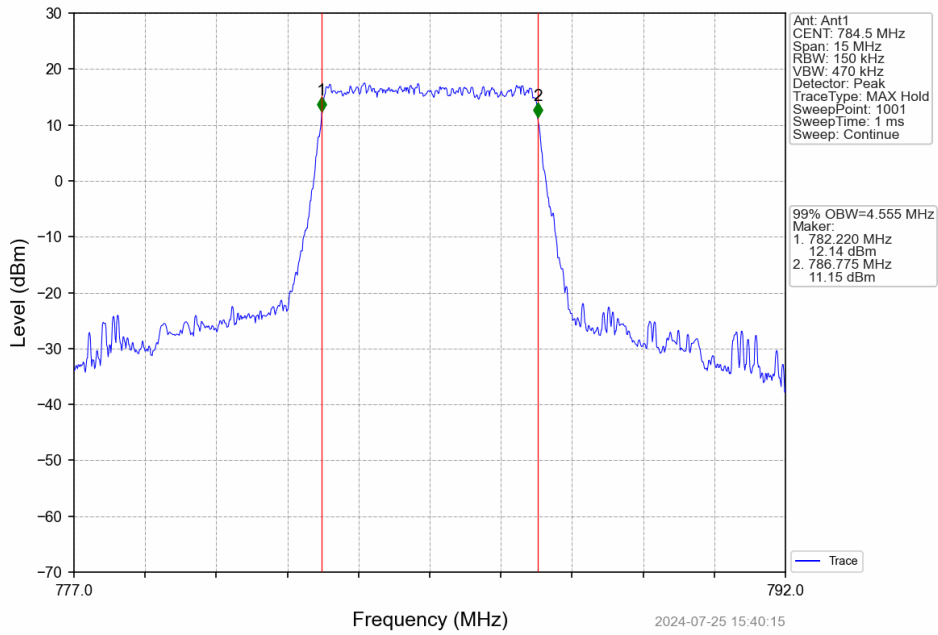
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.231	/	Pass
		782	25	0	5.309	/	Pass
		784.5	25	0	5.234	/	Pass
	16QAM	779.5	25	0	5.281	/	Pass
		782	25	0	5.288	/	Pass
		784.5	25	0	5.291	/	Pass
10	QPSK	782	50	0	10.279	/	Pass
	16QAM	782	50	0	10.203	/	Pass

4.2 Test Graph

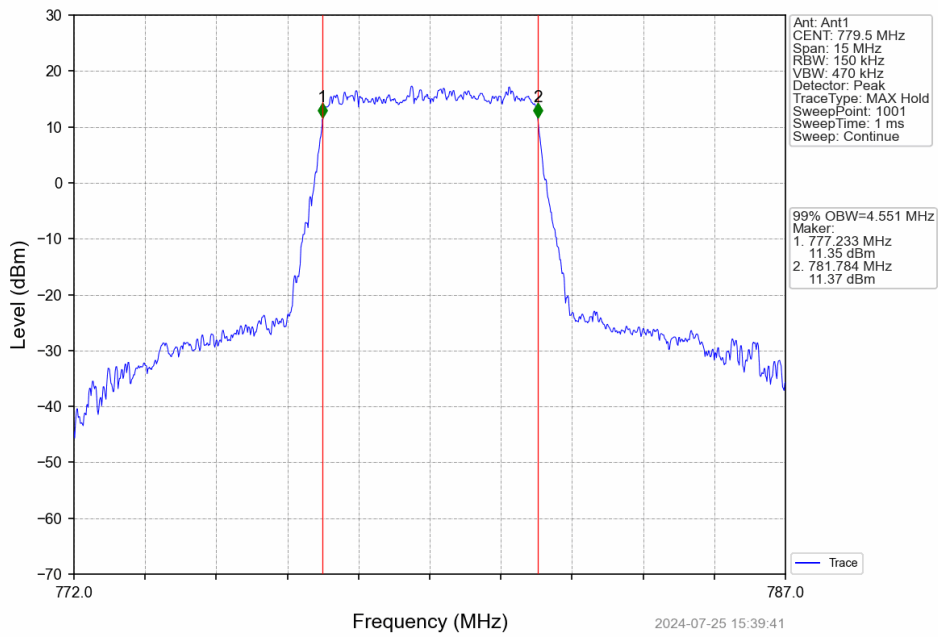
4.2.1 Band13_OBW



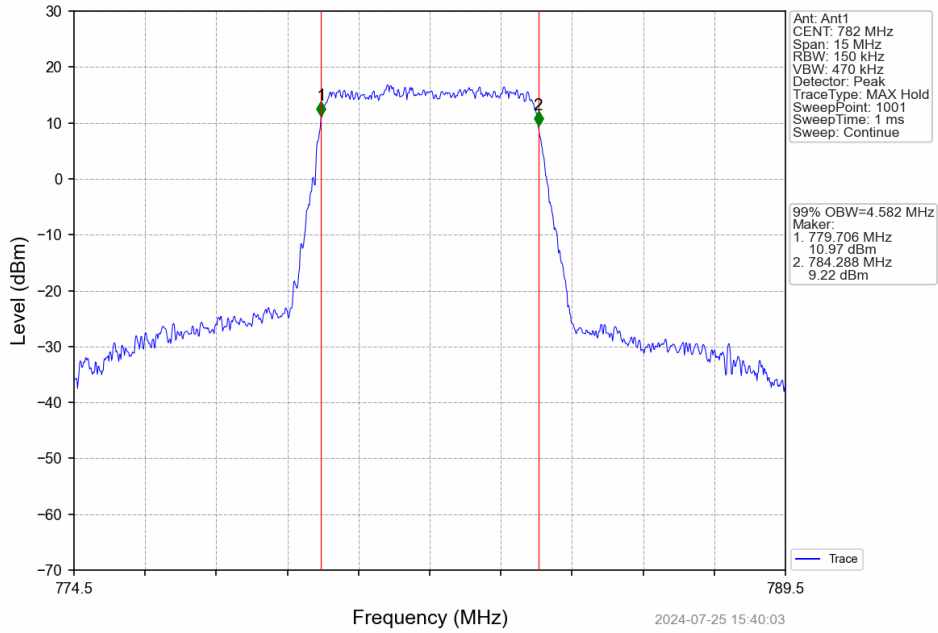
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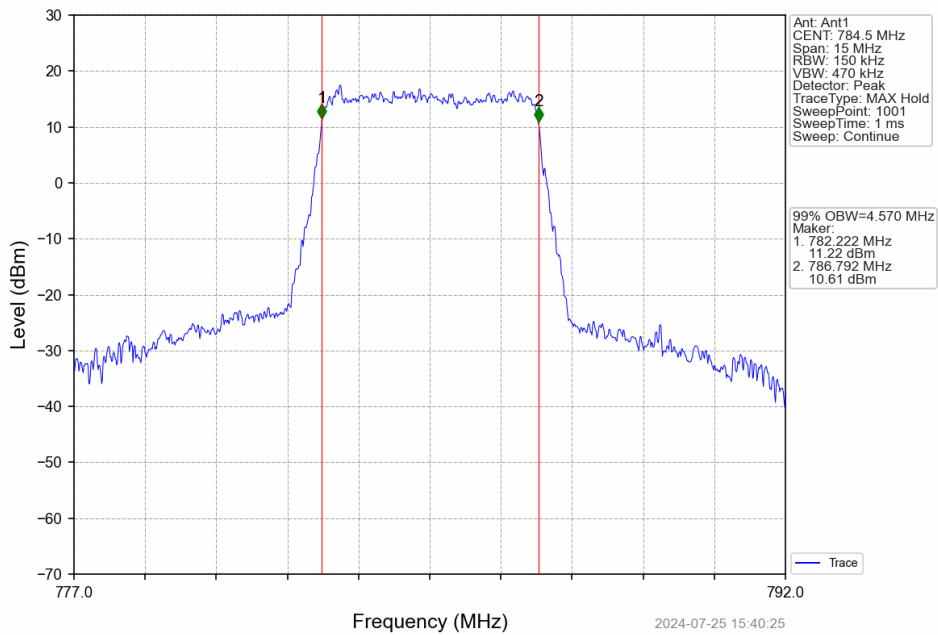
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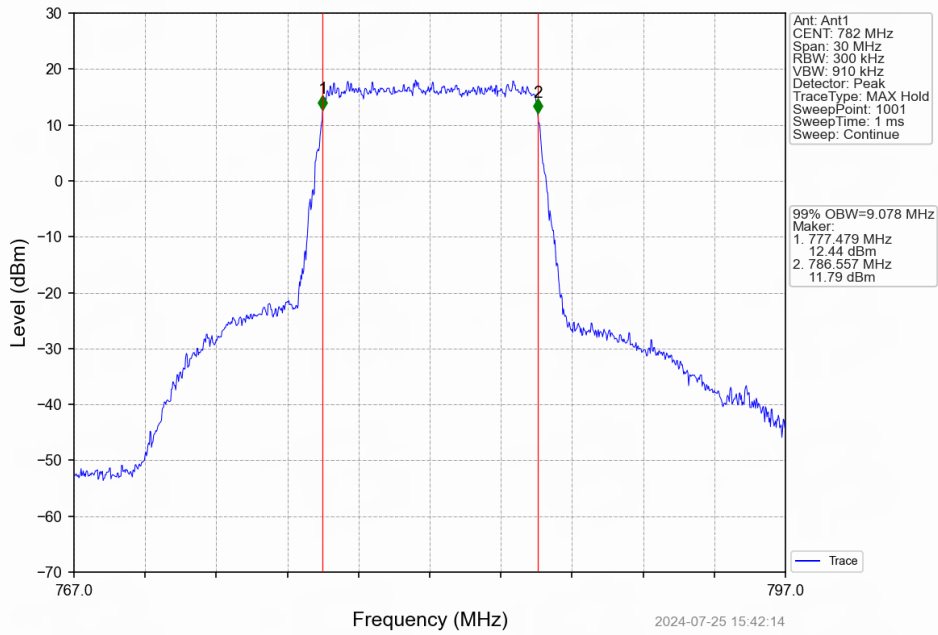
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



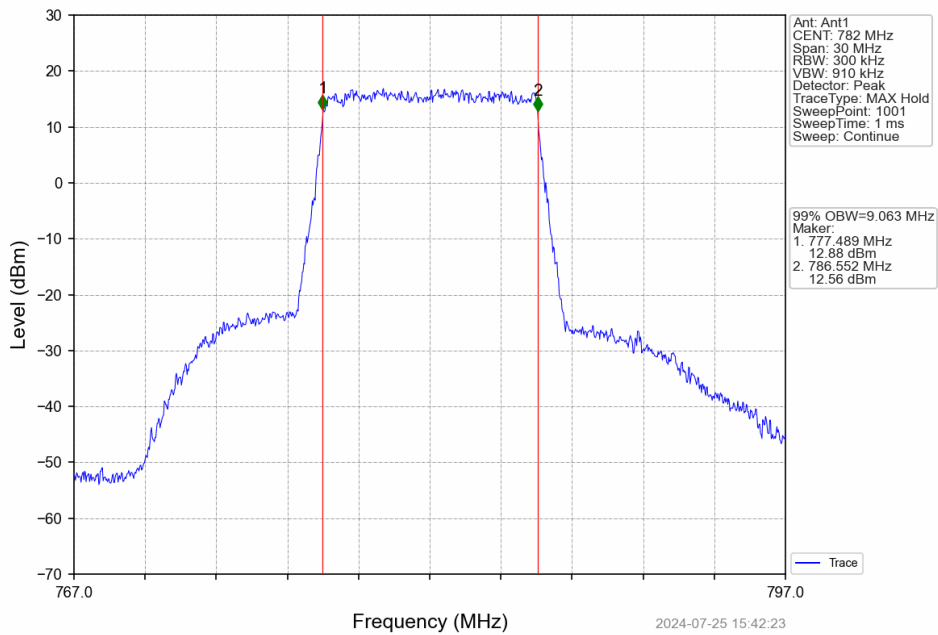
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



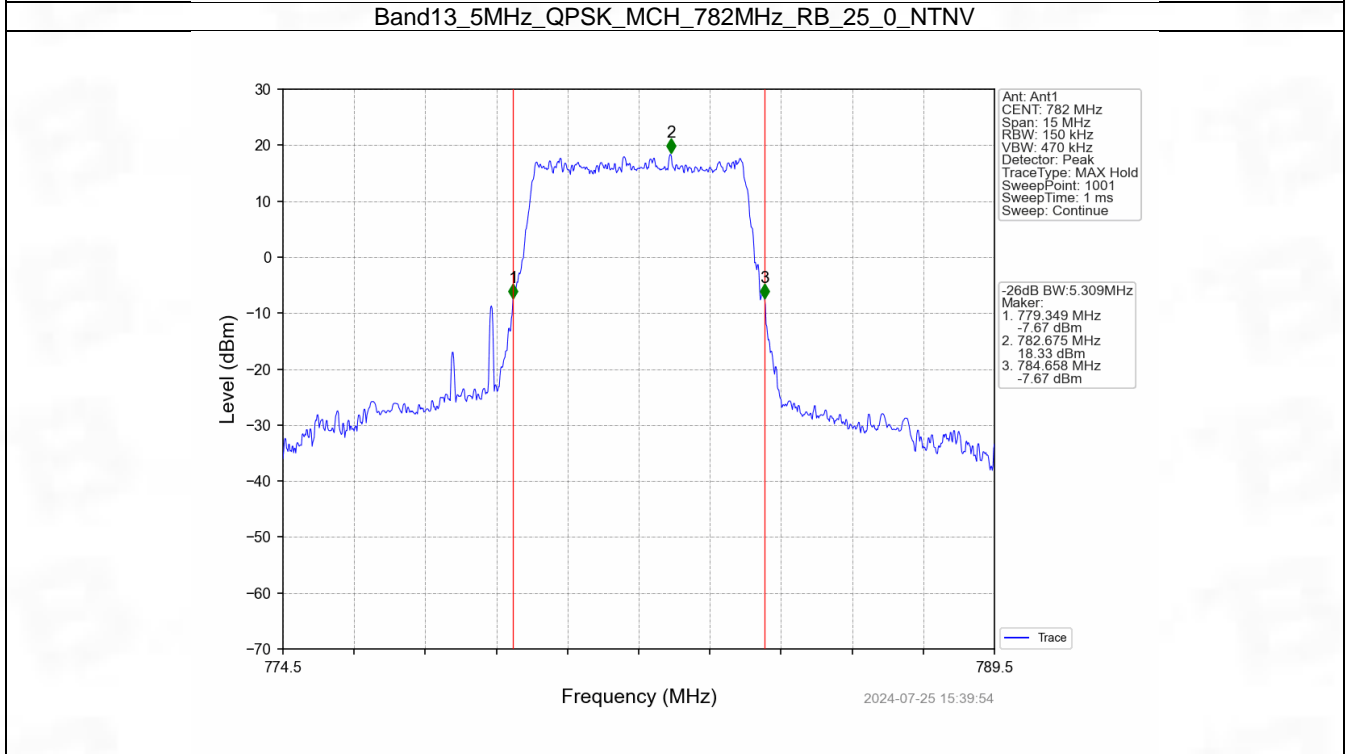
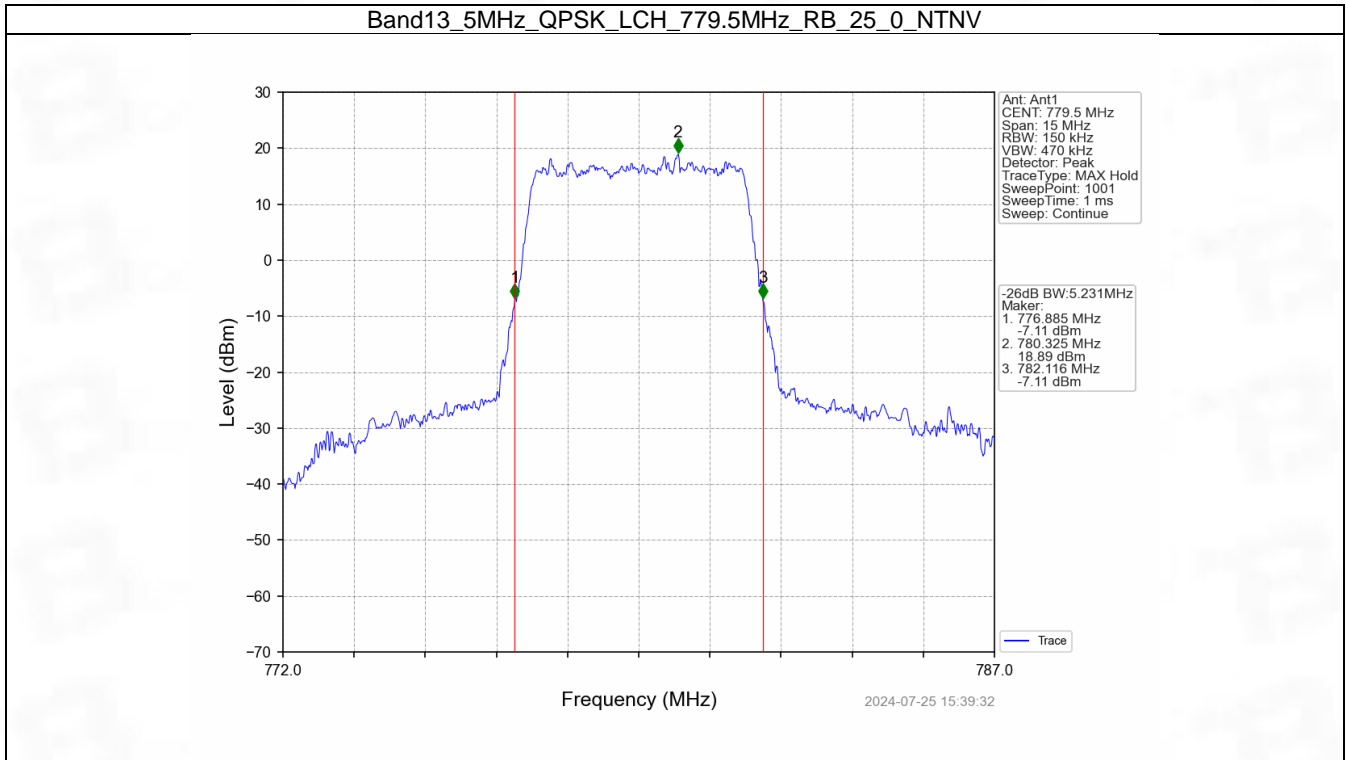
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



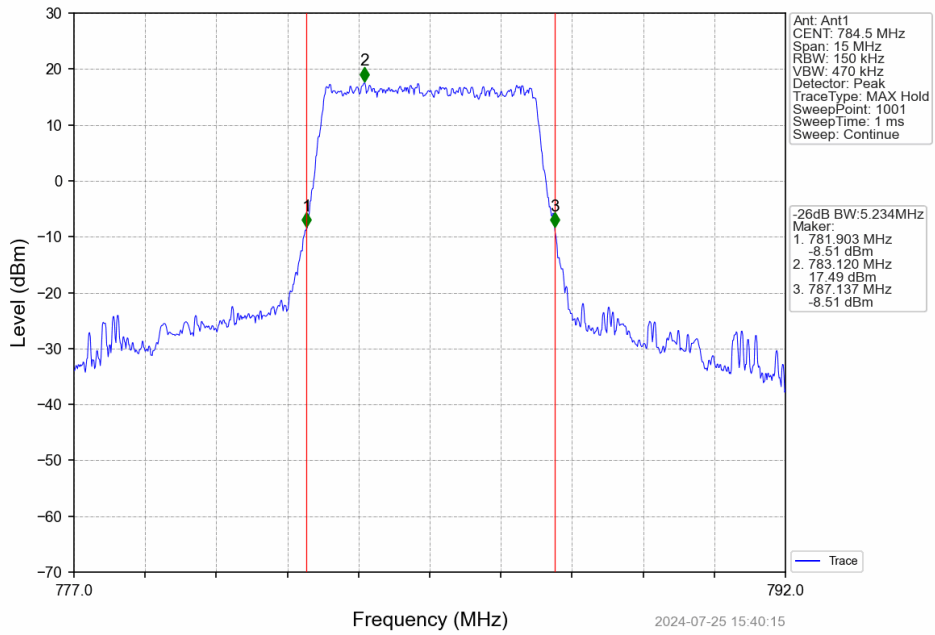
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



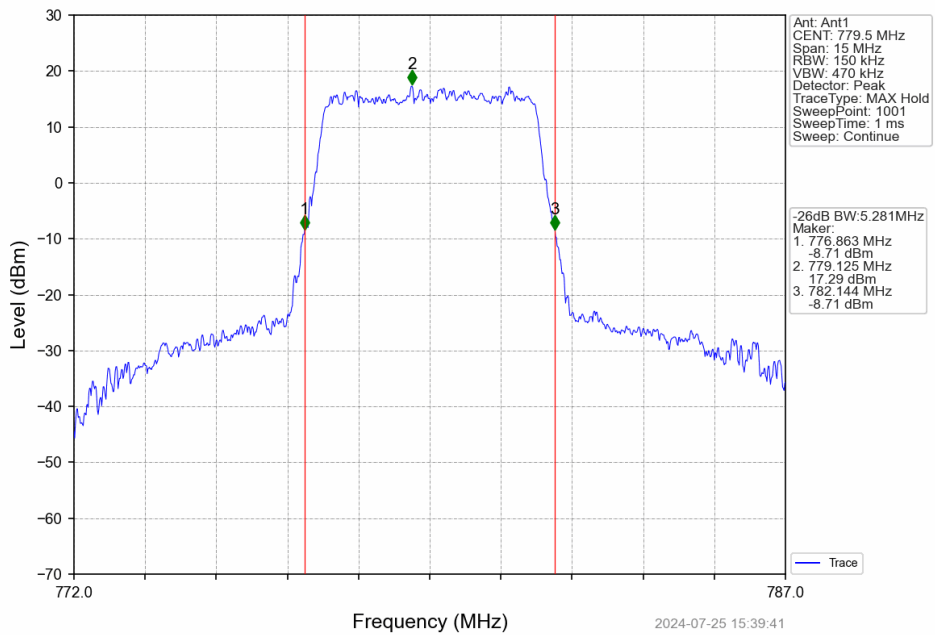
4.2.2 Band13_XDB



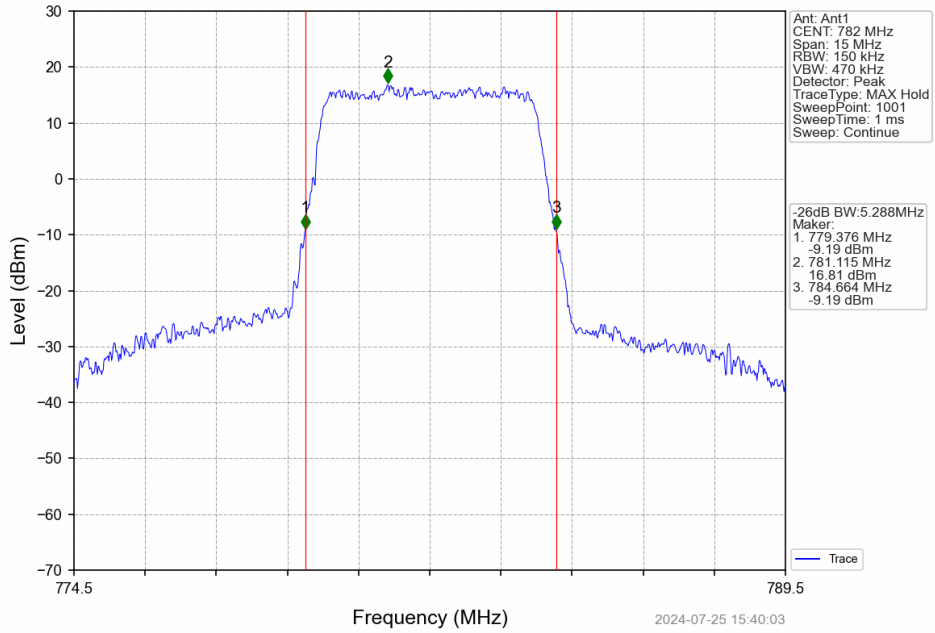
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



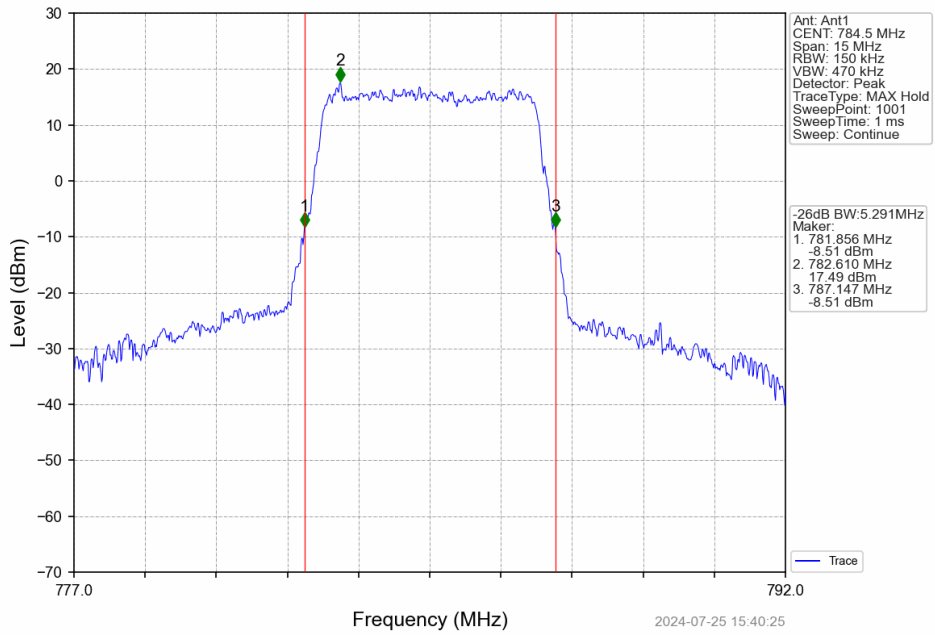
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



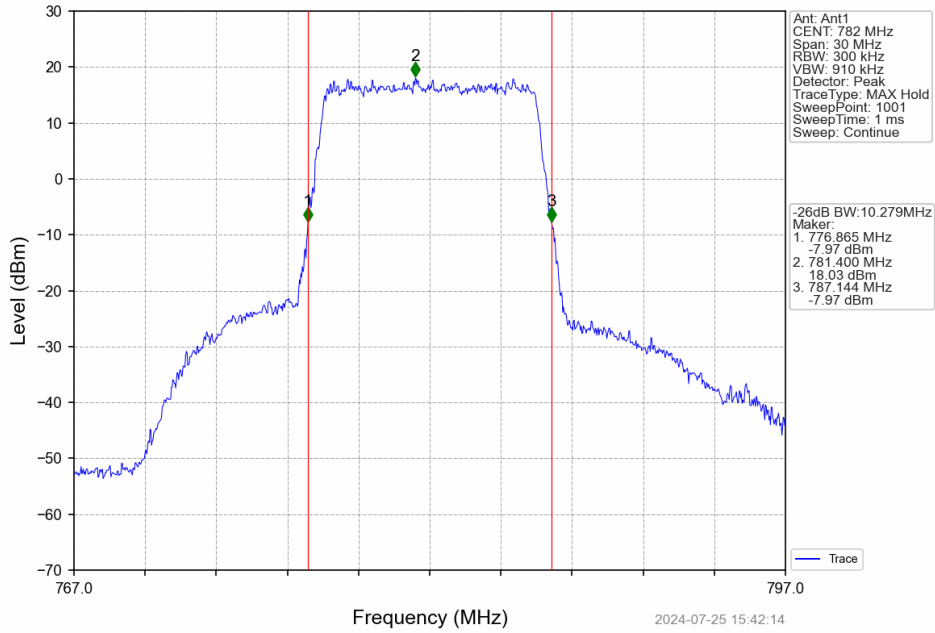
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



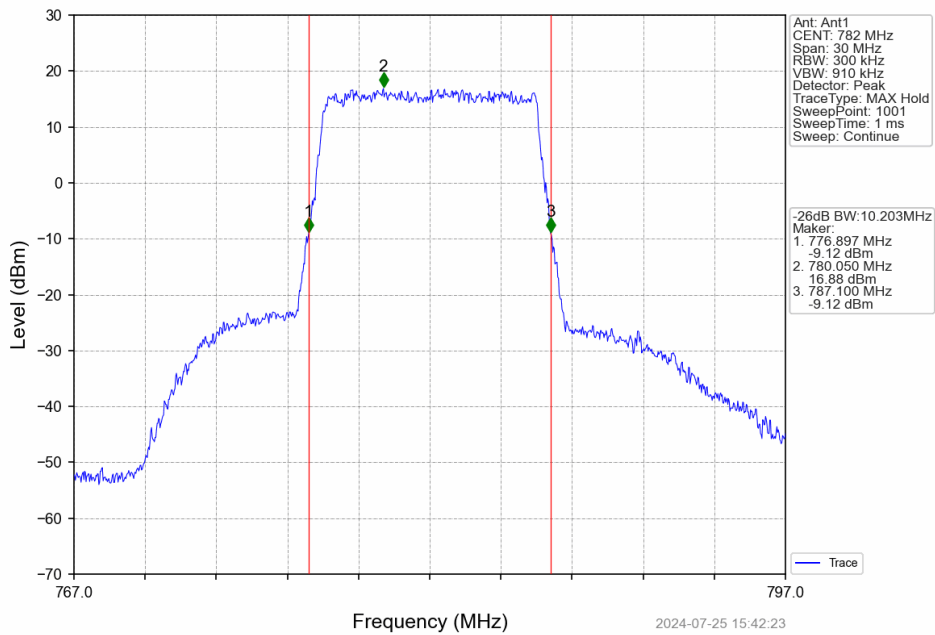
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

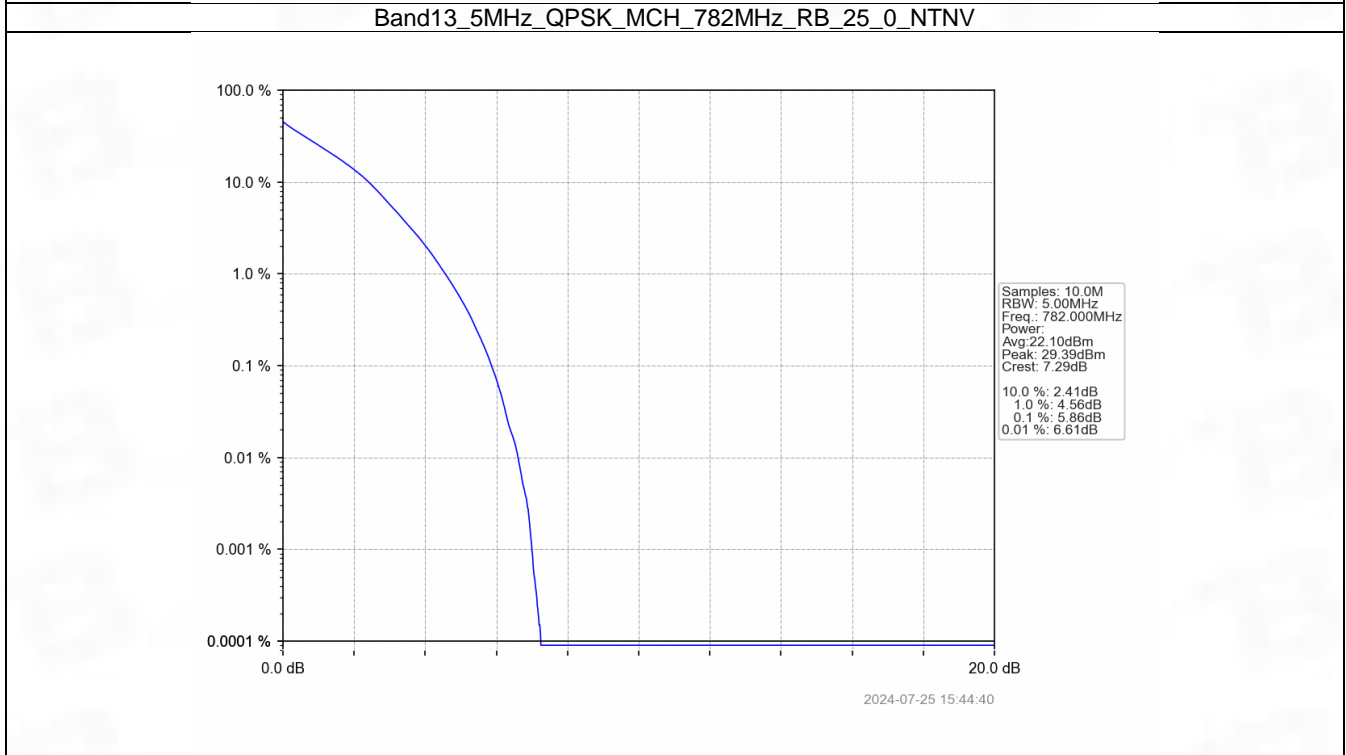
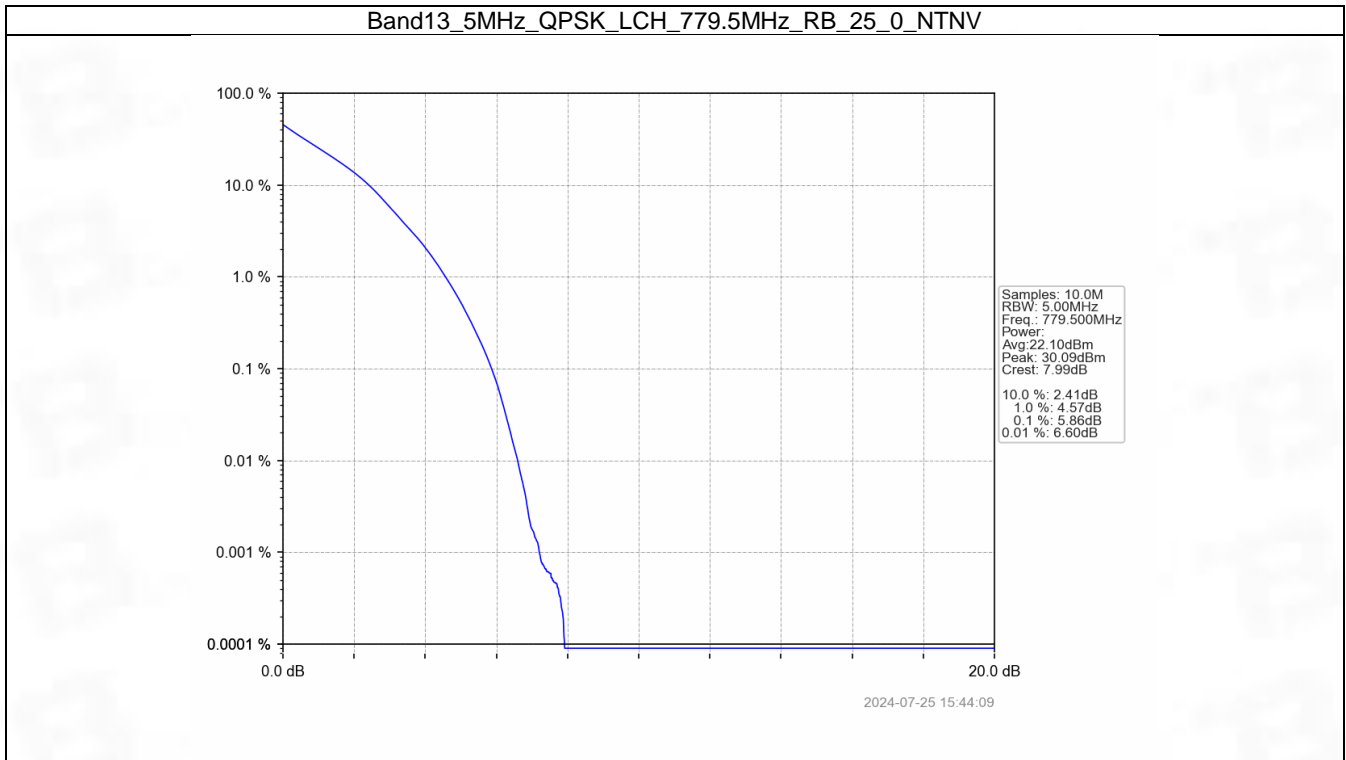
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.86	<=13	Pass
	782	25	0	5.86	<=13	Pass
	784.5	25	0	5.86	<=13	Pass
16QAM	779.5	25	0	6.54	<=13	Pass
	782	25	0	6.52	<=13	Pass
	784.5	25	0	6.59	<=13	Pass

5.1.2 B13_10MHz

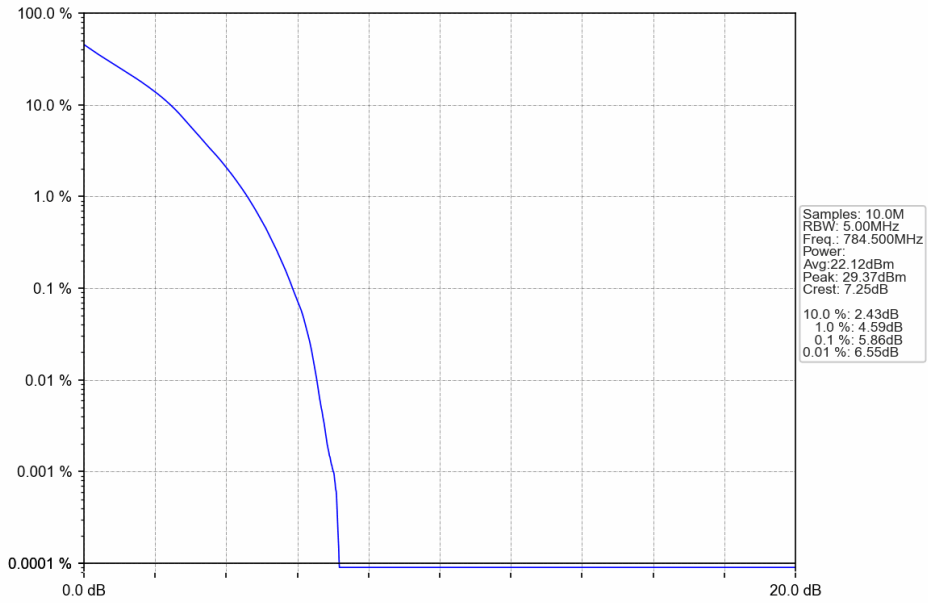
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.78	<=13	Pass
16QAM	782	50	0	6.52	<=13	Pass

5.2 Test Graph

5.2.1 B13_5MHz

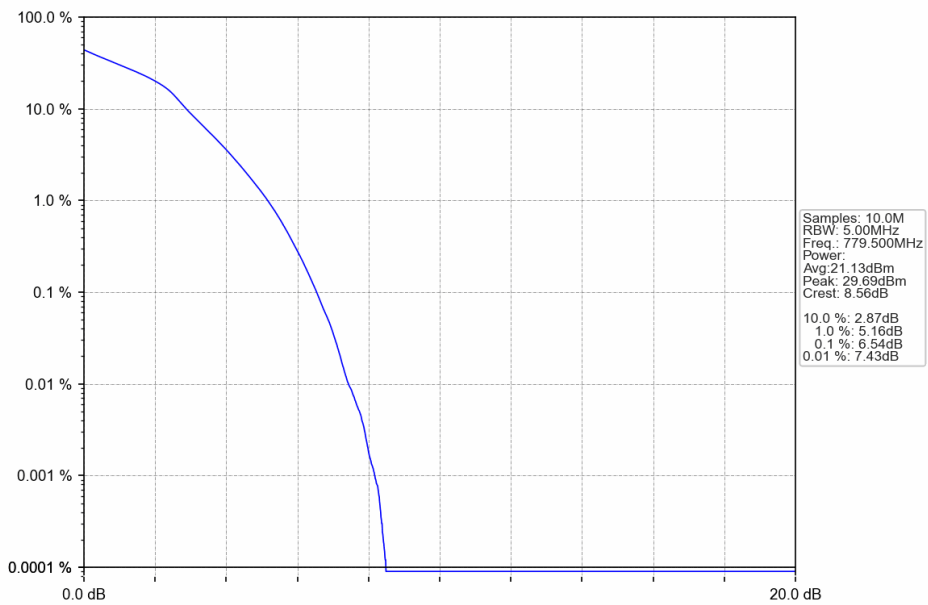


Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



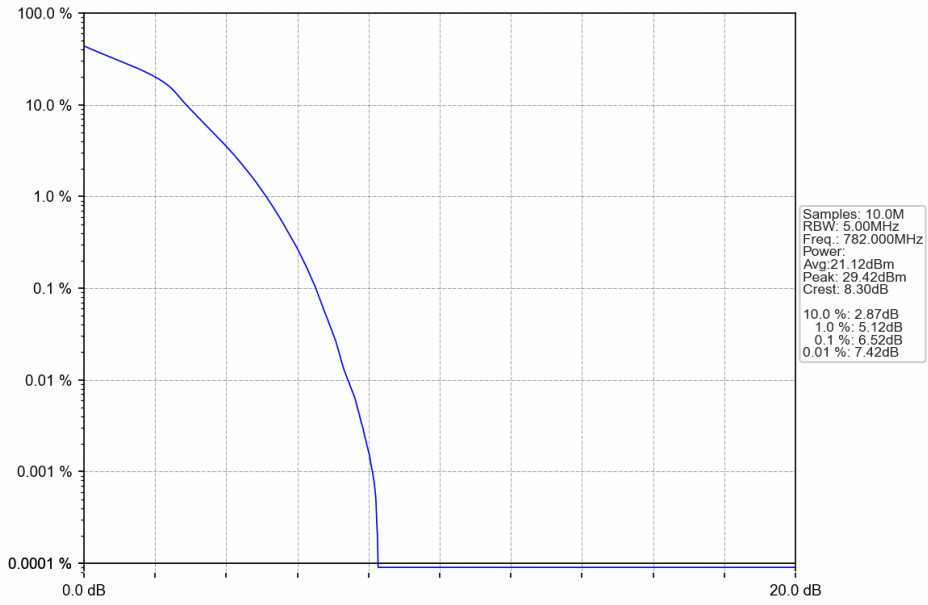
2024-07-25 15:45:09

Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



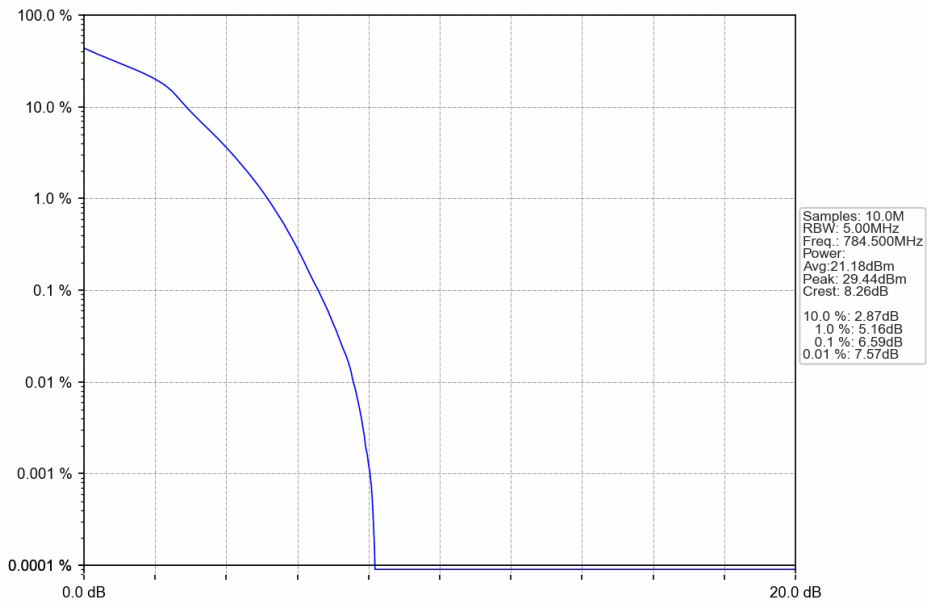
2024-07-25 15:44:24

Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



2024-07-25 15:44:53

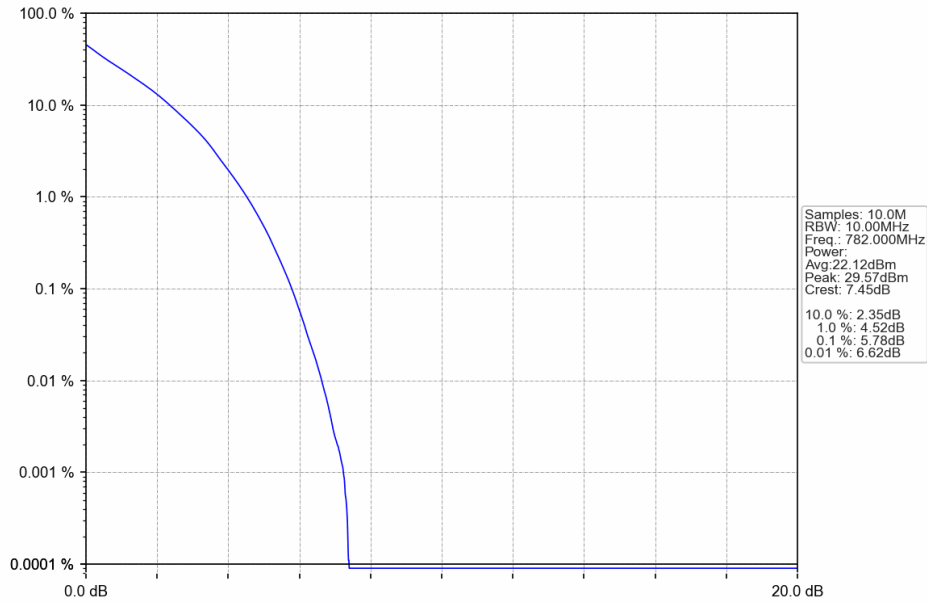
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



2024-07-25 16:24:14

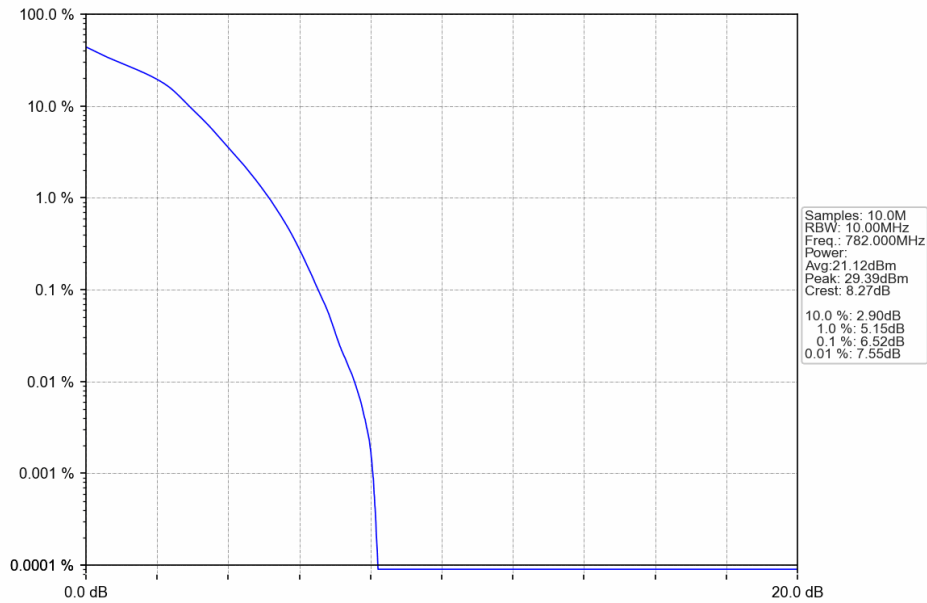
5.2.2 B13_10MHz

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



2024-07-25 16:24:58

Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



2024-07-25 16:25:14

6. Spurious Emission

6.1 Test Result

6.1.1 B13_5MHz

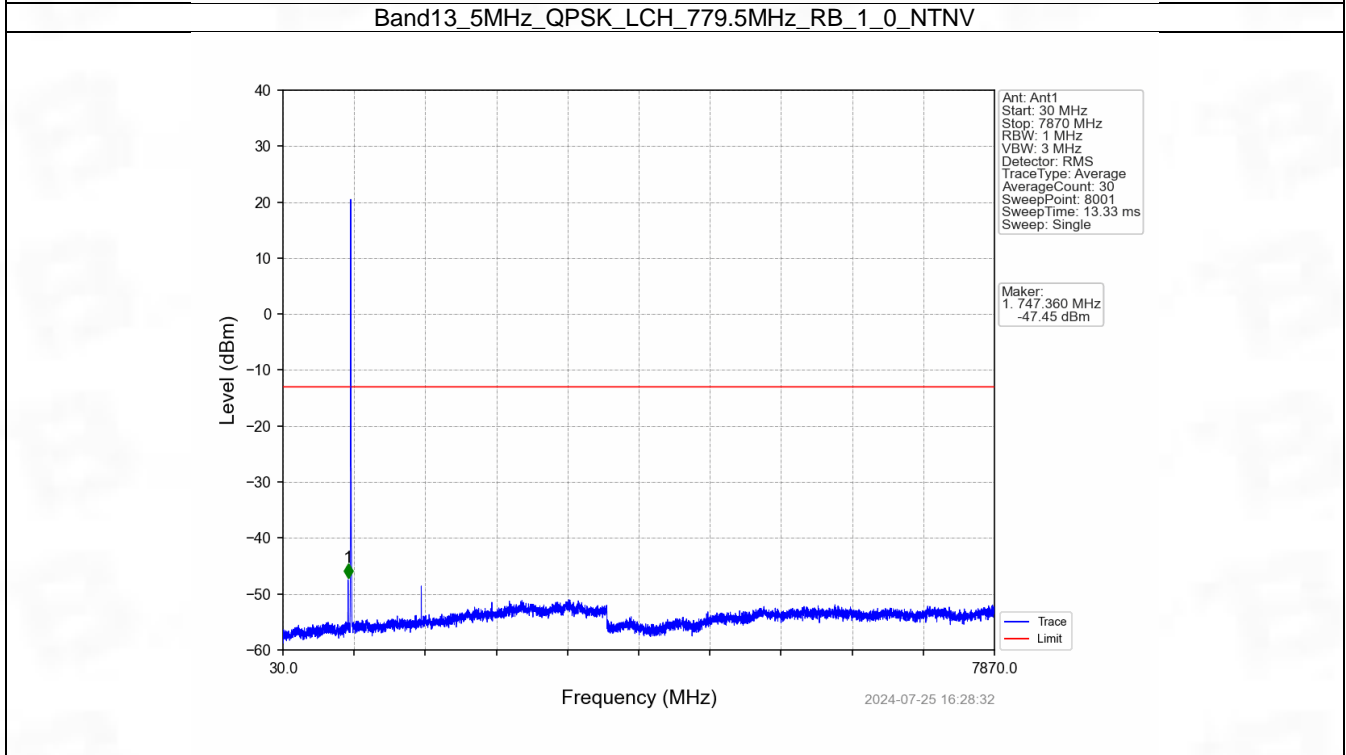
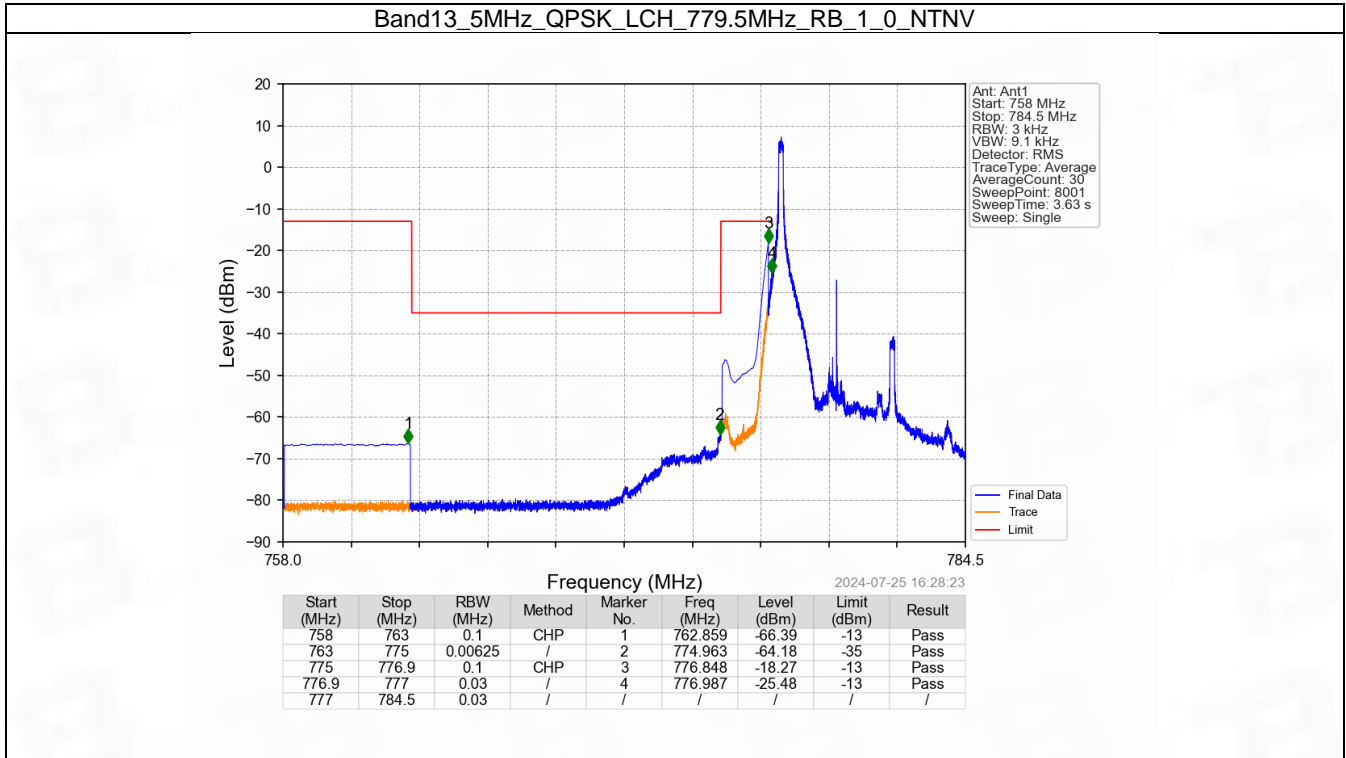
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
25	0	Refer To Test Graph		Pass		
16QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
25	0	Refer To Test Graph		Pass		

6.1.2 B13_10MHz

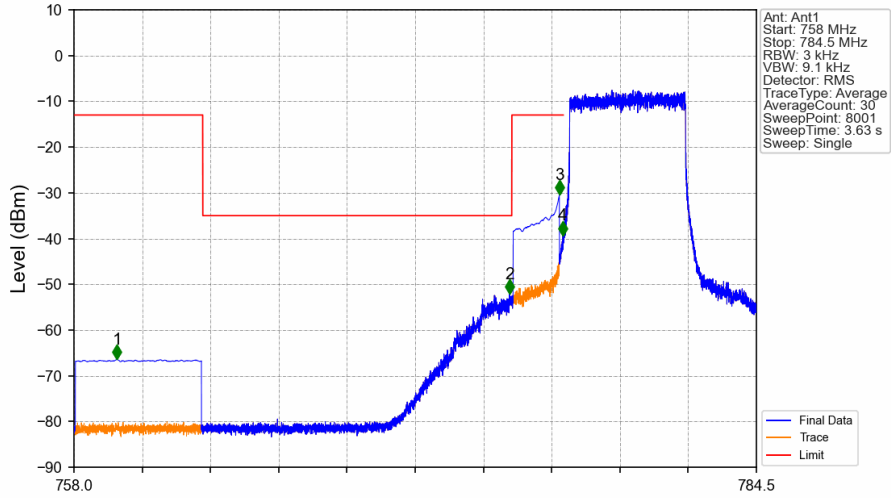
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 B13_5MHz

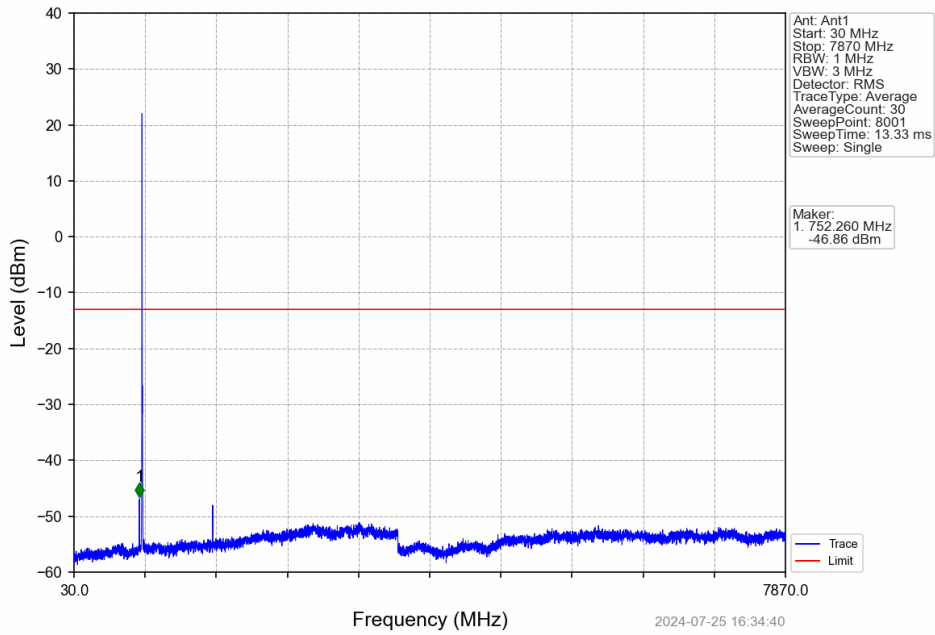


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

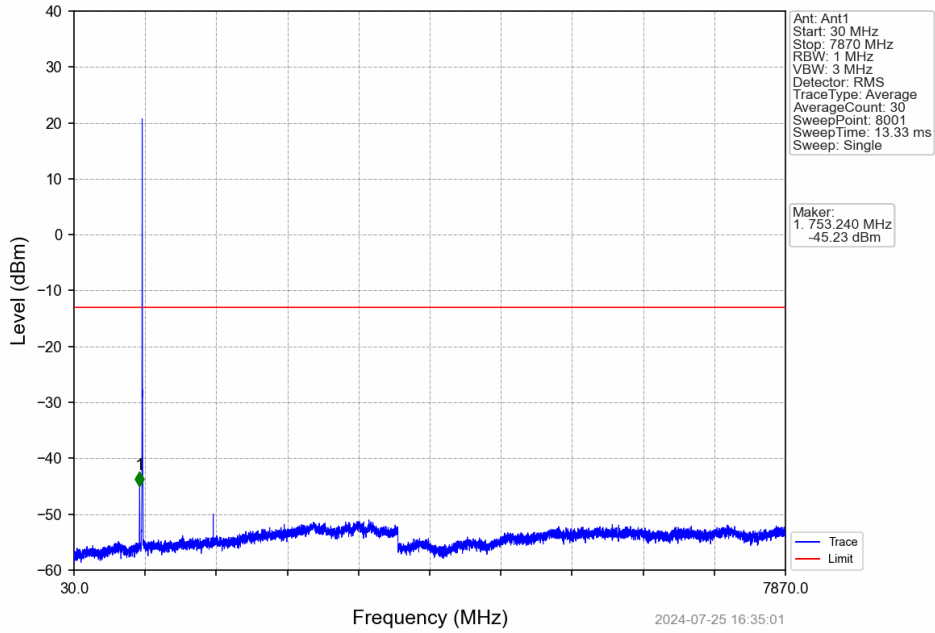


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.666	-66.42	-13	Pass
763	775	0.00625	/	2	774.917	-52.03	-35	Pass
775	776.9	0.1	CHP	3	776.848	-30.38	-13	Pass
776.9	777	0.03	/	4	776.984	-39.32	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

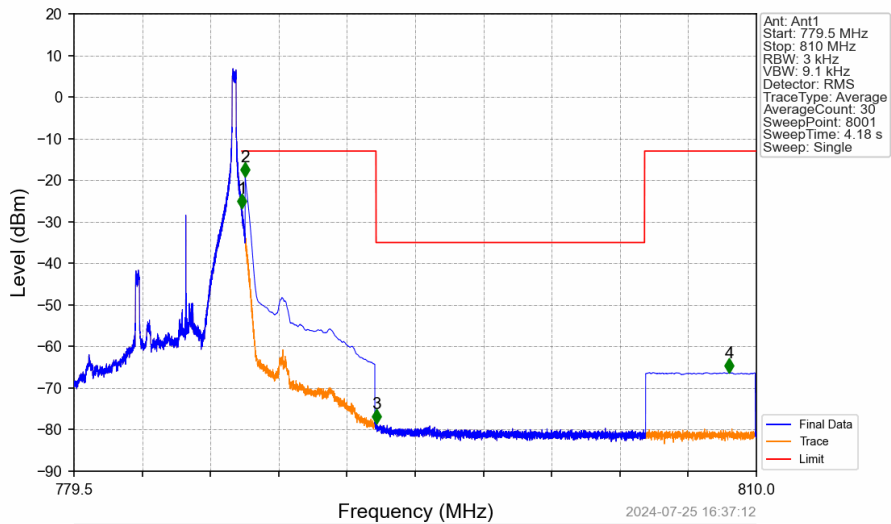
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

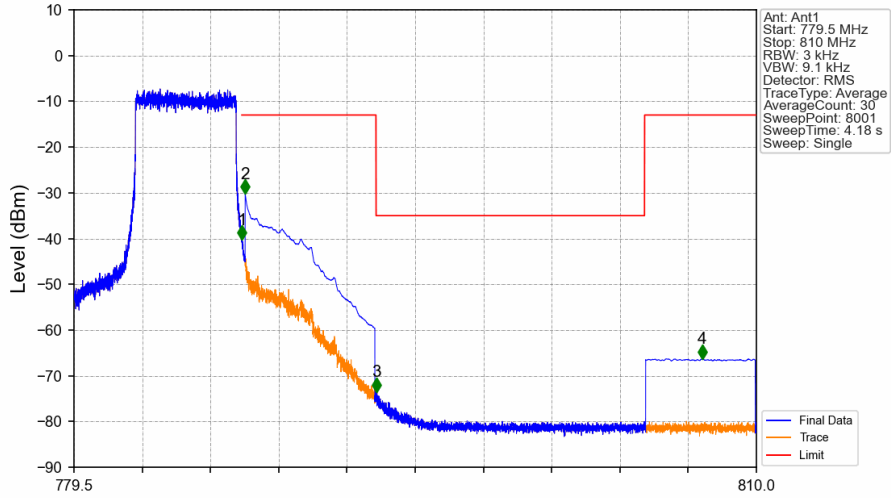


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



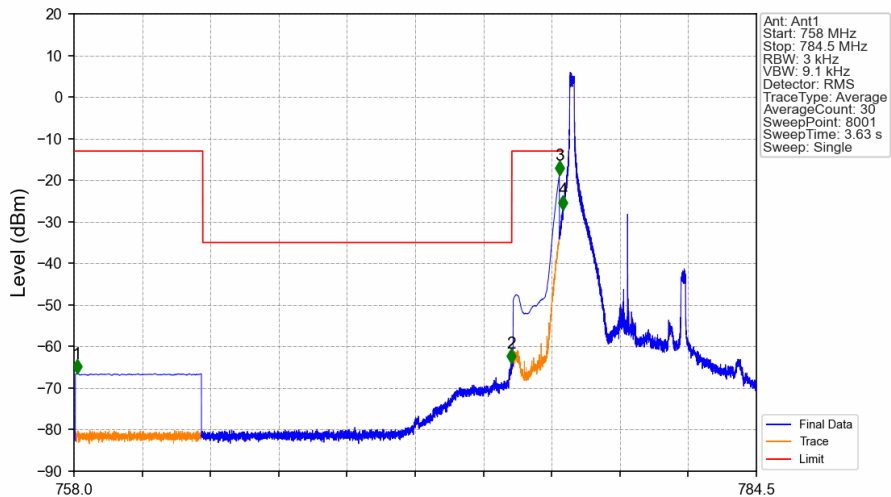
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.011	-26.74	-13	Pass
787.1	793	0.1	CHP	2	787.152	-19.21	-13	Pass
793	805	0.00625	/	3	793.027	-78.61	-35	Pass
805	810	0.1	CHP	4	808.784	-66.27	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



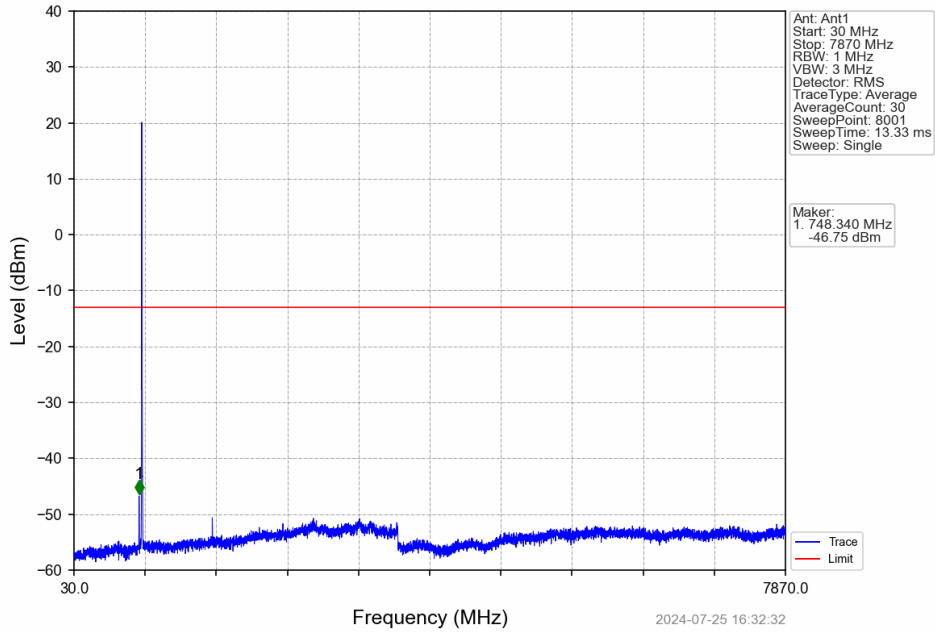
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.007	-40.29	-13	Pass
787.1	793	0.1	CHP	2	787.152	-30.28	-13	Pass
793	805	0.00625	/	3	793.004	-73.54	-35	Pass
805	810	0.1	CHP	4	807.575	-66.29	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

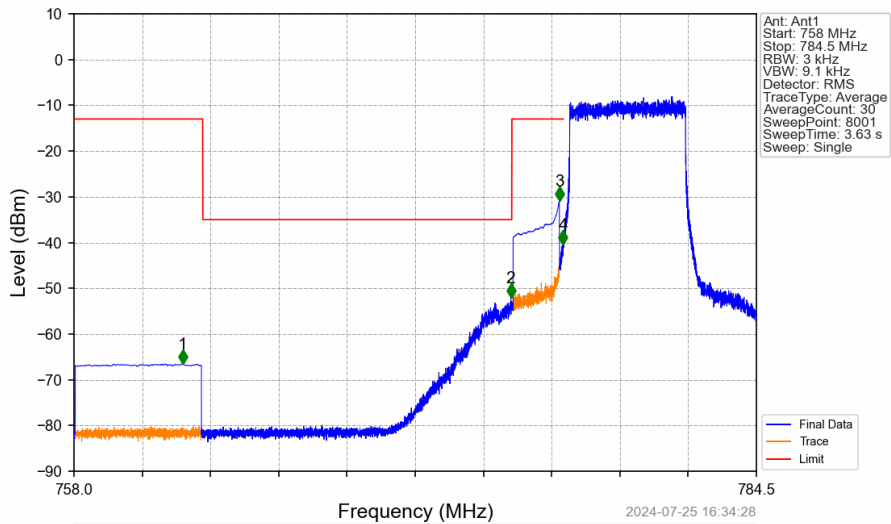


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.116	-66.48	-13	Pass
763	775	0.00625	/	2	774.973	-63.94	-35	Pass
775	776.9	0.1	CHP	3	776.848	-18.81	-13	Pass
776.9	777	0.03	/	4	776.991	-27.06	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

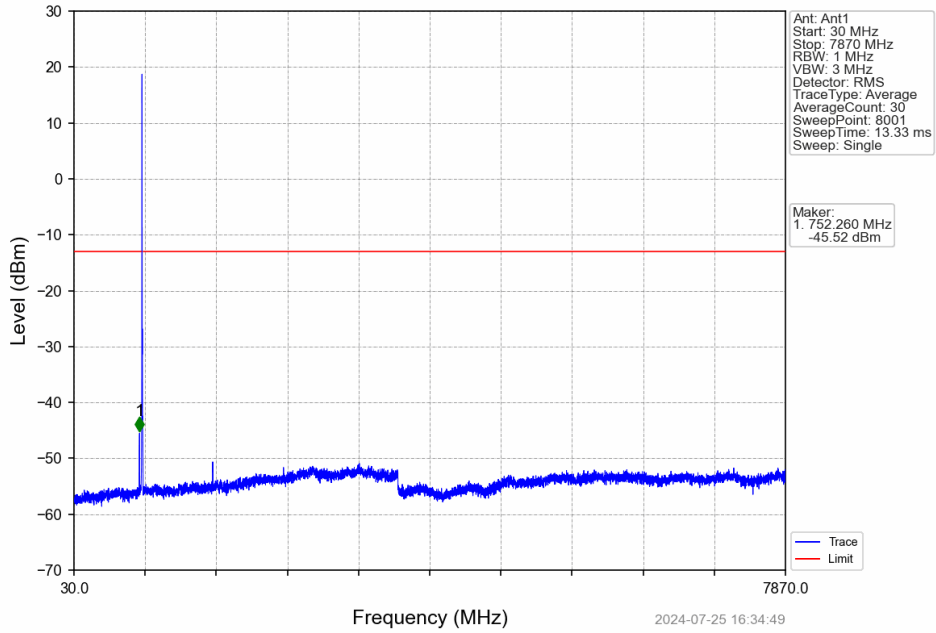


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

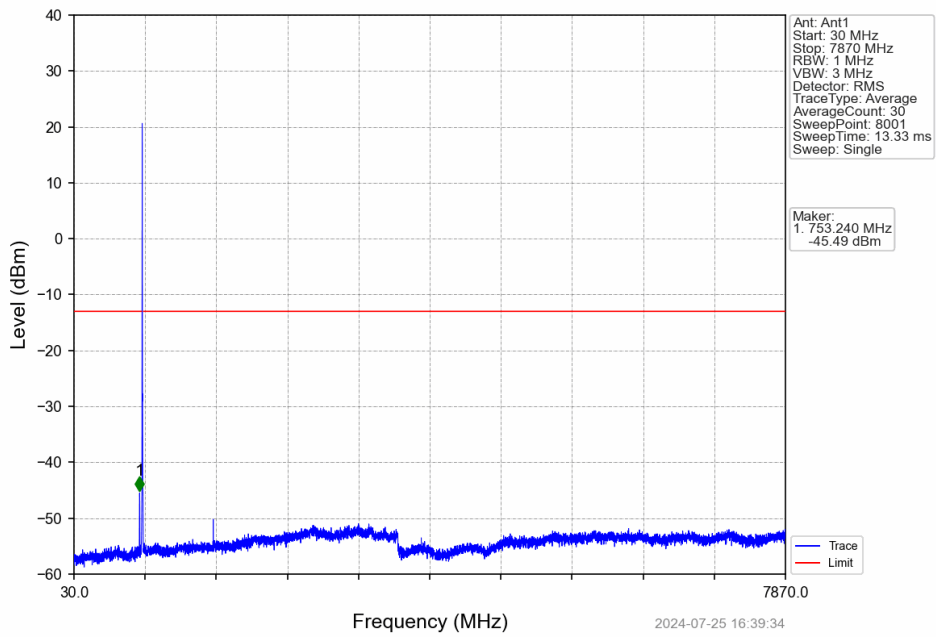


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.213	-66.53	-13	Pass
763	775	0.00625	/	2	774.963	-52.09	-35	Pass
775	776.9	0.1	CHP	3	776.848	-30.90	-13	Pass
776.9	777	0.03	/	4	776.987	-40.39	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

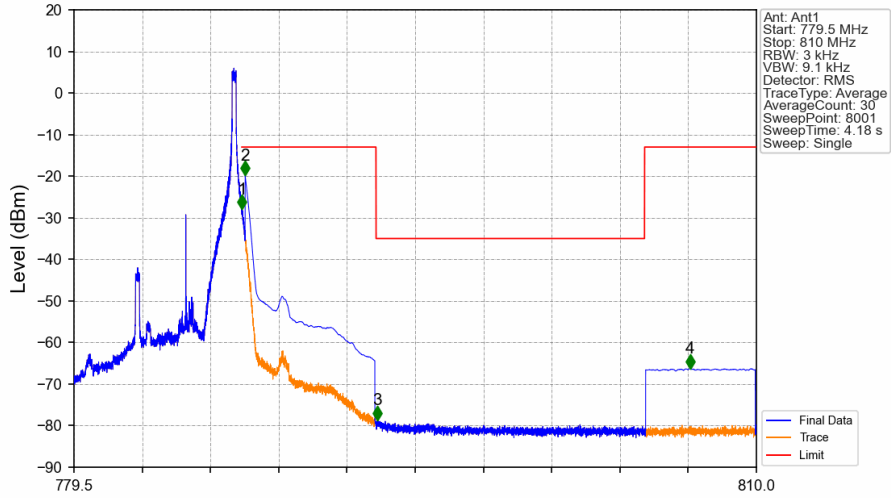
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

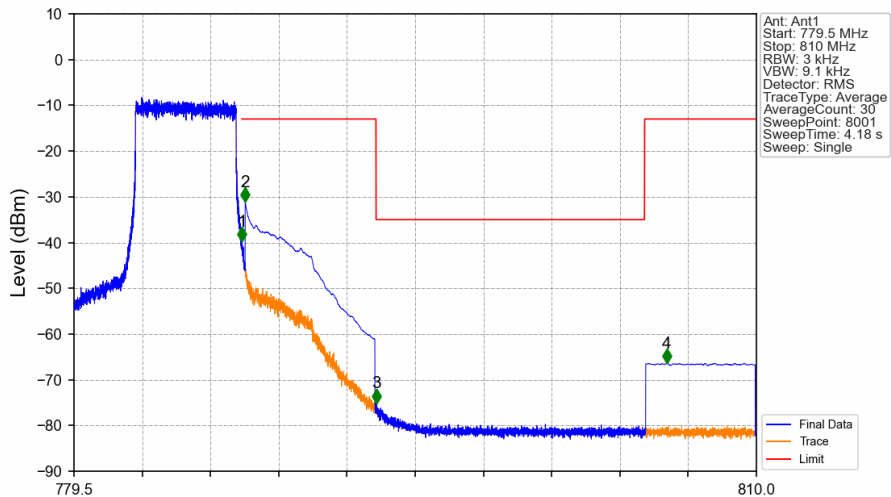


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	1	787.011	-27.96	-13	Pass
787	787.1	0.03	/	2	787.152	-19.85	-13	Pass
787.1	793	0.1	CHP	3	793.038	-78.66	-35	Pass
793	805	0.00625	/	4	807.038	-66.26	-13	Pass

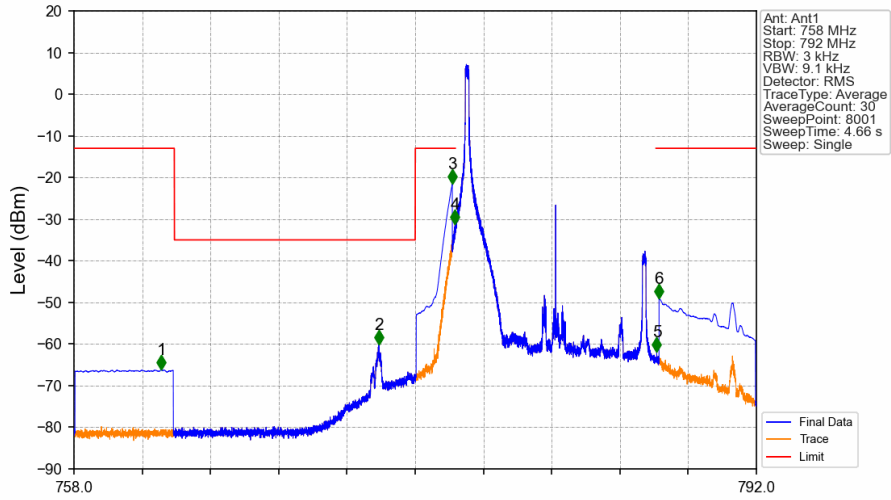
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	1	787.014	-39.77	-13	Pass
787	787.1	0.03	/	2	787.152	-31.07	-13	Pass
787.1	793	0.1	CHP	3	793.031	-75.10	-35	Pass
793	805	0.00625	/	4	805.989	-66.40	-13	Pass

6.2.2 B13_10MHz

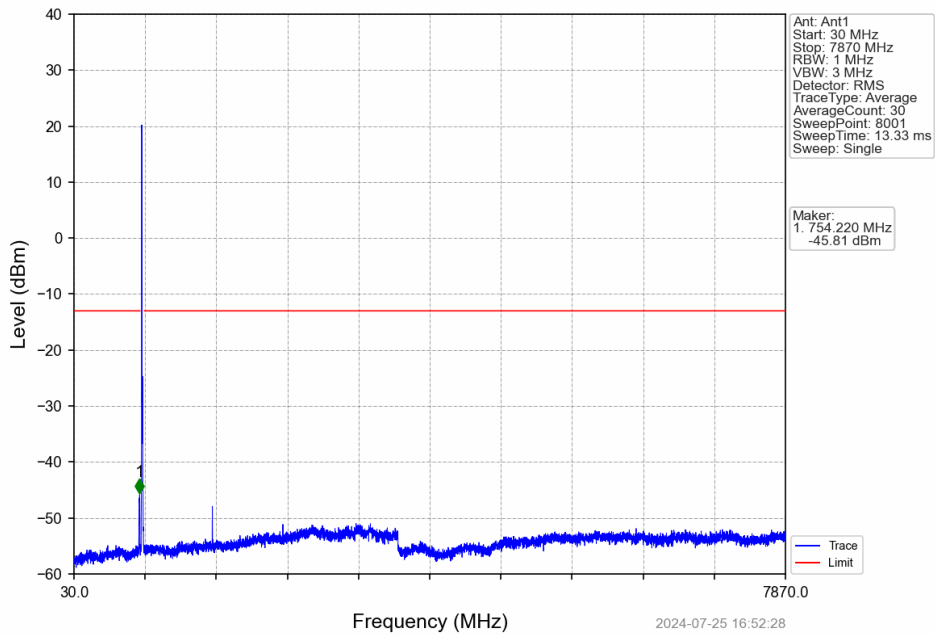
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



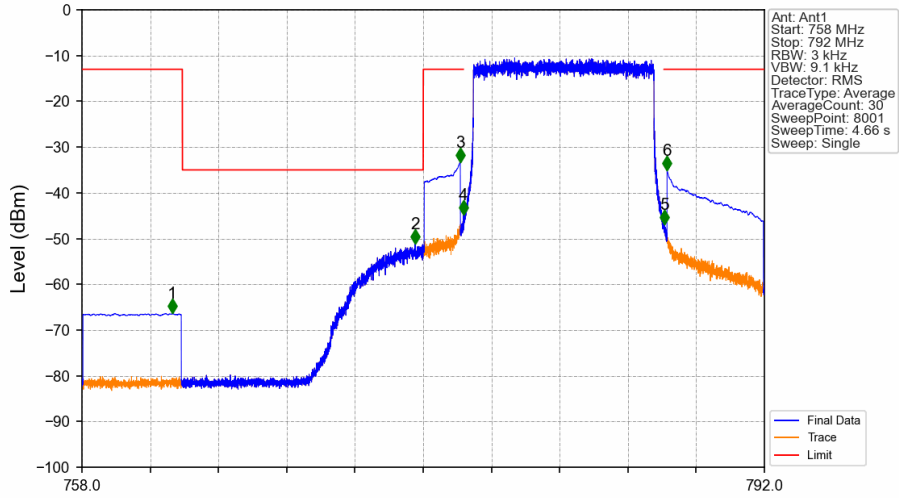
2024-07-25 16:52:19

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.356	-66.19	-13	Pass
763	775	0.00625	/	2	773.189	-60.21	-35	Pass
775	776.9	0.1	CHP	3	776.849	-21.50	-13	Pass
776.9	777	0.03	/	4	776.985	-31.26	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.036	-61.96	-13	Pass
787.1	792	0.1	CHP	6	787.151	-49.09	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

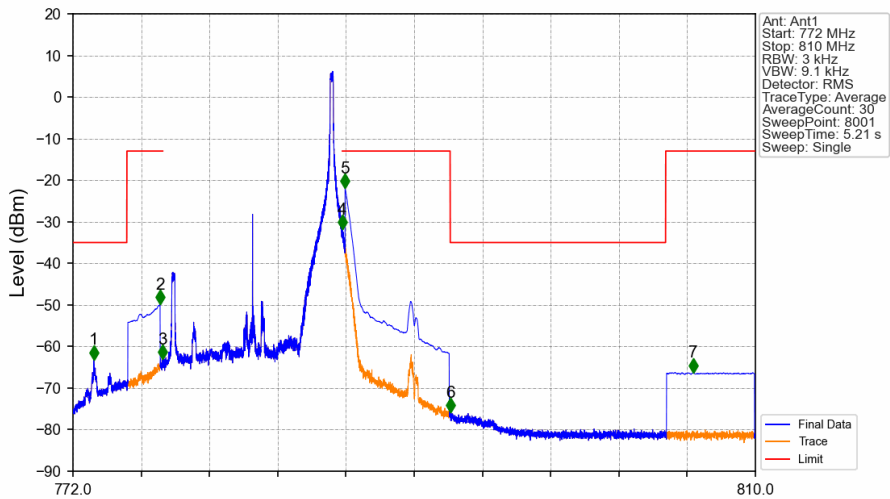


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



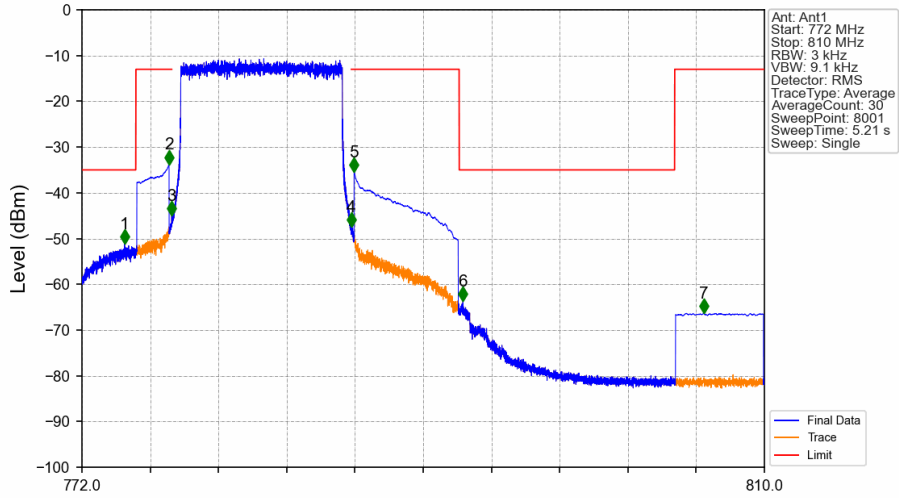
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.501	-66.38	-13	Pass
763	775	0.00625	/	2	774.596	-51.13	-35	Pass
775	776.9	0.1	CHP	3	776.832	-33.31	-13	Pass
776.9	777	0.03	/	4	776.997	-44.80	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.006	-46.95	-13	Pass
787.1	792	0.1	CHP	6	787.151	-35.09	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



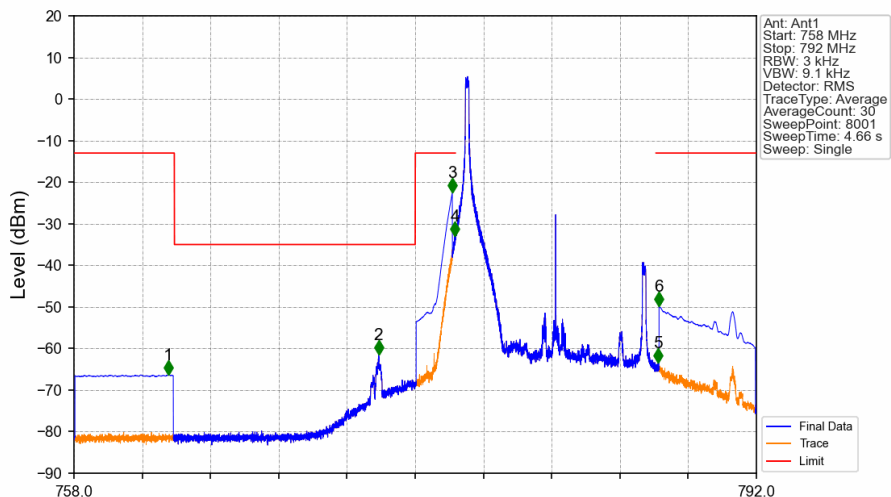
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-63.16	-35	Pass
775	776.9	0.1	CHP	2	776.850	-49.83	-13	Pass
776.9	777	0.03	/	3	776.997	-63.02	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-31.75	-13	Pass
787.1	793	0.1	CHP	5	787.153	-21.90	-13	Pass
793	805	0.00625	/	6	793.014	-75.84	-35	Pass
805	810	0.1	CHP	7	806.533	-66.24	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



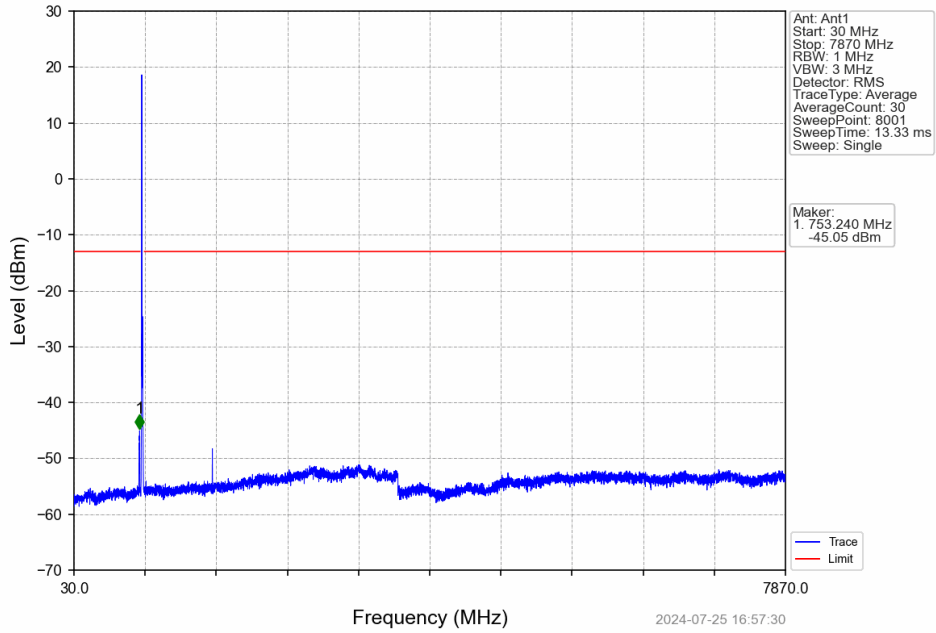
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.370	-51.15	-35	Pass
775	776.9	0.1	CHP	2	776.850	-33.77	-13	Pass
776.9	777	0.03	/	3	776.997	-44.93	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-47.50	-13	Pass
787.1	793	0.1	CHP	5	787.153	-35.40	-13	Pass
793	805	0.00625	/	6	793.213	-63.70	-35	Pass
805	810	0.1	CHP	7	806.618	-66.36	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

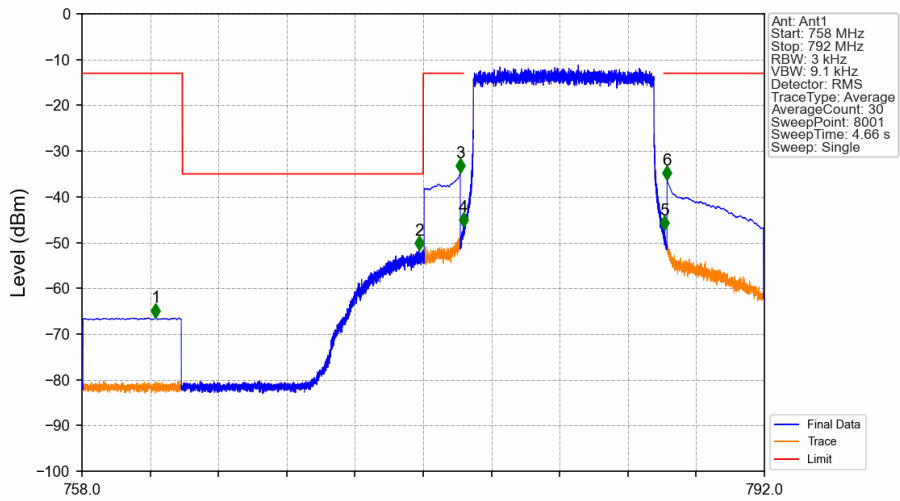


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.701	-66.36	-13	Pass
763	775	0.00625	/	2	773.177	-61.47	-35	Pass
775	776.9	0.1	CHP	3	776.849	-22.54	-13	Pass
776.9	777	0.03	/	4	776.972	-32.97	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.100	-63.47	-13	Pass
787.1	792	0.1	CHP	6	787.151	-49.85	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

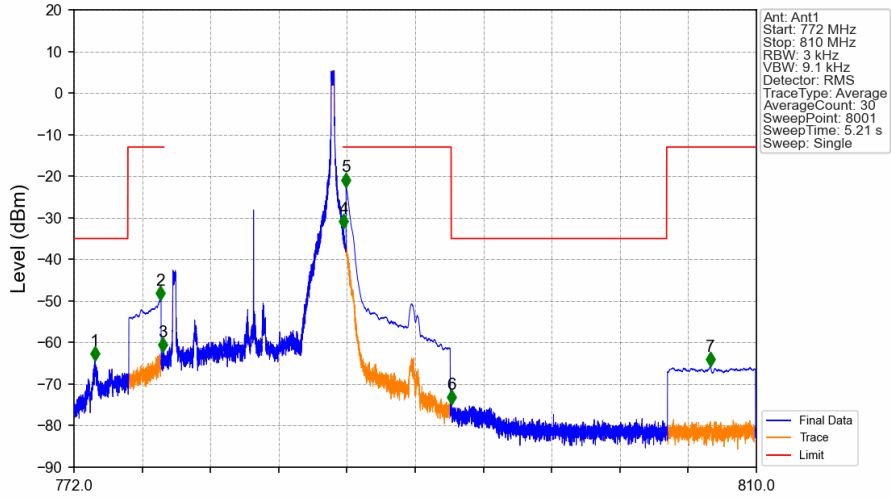


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



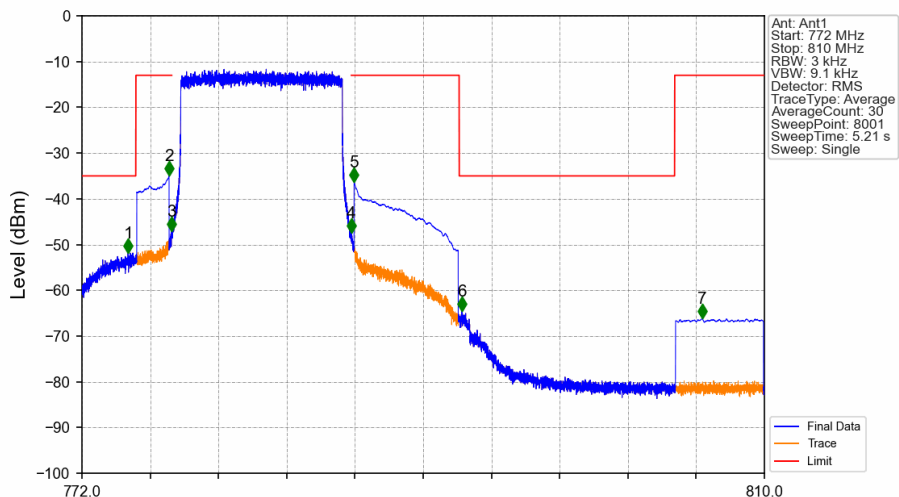
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.668	-66.43	-13	Pass
763	775	0.00625	/	2	774.792	-51.70	-35	Pass
775	776.9	0.1	CHP	3	776.849	-34.73	-13	Pass
776.9	777	0.03	/	4	776.997	-46.59	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.002	-47.30	-13	Pass
787.1	792	0.1	CHP	6	787.151	-36.31	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-64.35	-35	Pass
775	776.9	0.1	CHP	2	776.807	-49.86	-13	Pass
776.9	777	0.03	/	3	776.949	-62.28	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.010	-32.55	-13	Pass
787.1	793	0.1	CHP	5	787.153	-22.59	-13	Pass
793	805	0.00625	/	6	793.014	-74.95	-35	Pass
805	810	0.1	CHP	7	807.430	-65.83	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.565	-51.80	-35	Pass
775	776.9	0.1	CHP	2	776.850	-35.00	-13	Pass
776.9	777	0.03	/	3	776.983	-47.10	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-47.49	-13	Pass
787.1	793	0.1	CHP	5	787.153	-36.36	-13	Pass
793	805	0.00625	/	6	793.166	-64.55	-35	Pass
805	810	0.1	CHP	7	806.528	-66.19	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
13	5	779.5	784.5	0.1884	0.0156	ppm	4M58G7D	27F	22.75
13	5	779.5	784.5	0.1675	0.0160	ppm	4M58W7D	27F	22.24
13	10	782	782	0.1963	0.0118	ppm	9M08G7D	27F	22.93
13	10	782	782	0.1603	0.0115	ppm	9M06W7D	27F	22.05

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
13	5	779.5	784.5	0.0117	0.0156	ppm	4M58G7D	27F	10.70
13	5	779.5	784.5	0.0104	0.0160	ppm	4M58W7D	27F	10.19
13	10	782	782	0.0122	0.0118	ppm	9M08G7D	27F	10.88
13	10	782	782	0.0100	0.0115	ppm	9M06W7D	27F	10.00