1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B13_5MHz_ERP

Band: 13 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	779.5	1	0	21.73	-1.54	18.04	<=34.77	Pass
			13	21.73	-1.54	18.04	<=34.77	Pass
			24	21.73	-1.54	18.04	<=34.77	Pass
		12	0	20.88	-1.54	17.19	<=34.77	Pass
			6	20.82	-1.54	17.13	<=34.77	Pass
			13	20.81	-1.54	17.12	<=34.77	Pass
		25	0	21.11	-1.54	17.42	<=34.77	Pass
	782	1	0	21.86	-1.54	18.17	<=34.77	Pass
			13	21.89	-1.54	18.20	<=34.77	Pass
			24	21.90	-1.54	18.21	<=34.77	Pass
		12	0	20.90	-1.54	17.21	<=34.77	Pass
			6	20.86	-1.54	17.17	<=34.77	Pass
			13	20.85	-1.54	17.16	<=34.77	Pass
		25	0	21.11	-1.54	17.42	<=34.77	Pass
	784.5	1	0	21.75	-1.54	18.06	<=34.77	Pass
			13	21.75	-1.54	18.06	<=34.77	Pass
			24	21.72	-1.54	18.03	<=34.77	Pass
		12	0	20.81	-1.54	17.12	<=34.77	Pass
			6	20.87	-1.54	17.18	<=34.77	Pass
			13	20.87	-1.54	17.18	<=34.77	Pass
		25	0	21.12	-1.54	17.43	<=34.77	Pass
16QAM	779.5	1	0	21.01	-1.54	17.32	<=34.77	Pass
			13	20.98	-1.54	17.29	<=34.77	Pass
			24	20.91	-1.54	17.22	<=34.77	Pass
		12	0	20.08	-1.54	16.39	<=34.77	Pass
			6	20.08	-1.54	16.39	<=34.77	Pass
			13	20.03	-1.54	16.34	<=34.77	Pass
		25	0	20.06	-1.54	16.37	<=34.77	Pass
	782	1	0	20.33	-1.54	16.64	<=34.77	Pass
			13	20.31	-1.54	16.62	<=34.77	Pass
			24	20.26	-1.54	16.57	<=34.77	Pass
		12	0	20.20	-1.54	16.51	<=34.77	Pass
			6	20.17	-1.54	16.48	<=34.77	Pass
			13	20.20	-1.54	16.51	<=34.77	Pass
		25	0	20.18	-1.54	16.49	<=34.77	Pass
	784.5	1	0	20.99	-1.54	17.30	<=34.77	Pass
			13	20.99	-1.54	17.30	<=34.77	Pass
			24	20.99	-1.54	17.30	<=34.77	Pass
		12	0	20.12	-1.54	16.43	<=34.77	Pass
			6	20.18	-1.54	16.49	<=34.77	Pass
			13	20.17	-1.54	16.48	<=34.77	Pass
		25	0	20.20	-1.54	16.51	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B13_10MHz_ERP

Band: 13 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	21.81	-1.54	18.12	<=34.77	Pass
			25	21.83	-1.54	18.14	<=34.77	Pass
			49	21.87	-1.54	18.18	<=34.77	Pass
		25	0	20.98	-1.54	17.29	<=34.77	Pass
			13	20.95	-1.54	17.26	<=34.77	Pass
			25	20.93	-1.54	17.24	<=34.77	Pass
		50	0	21.12	-1.54	17.43	<=34.77	Pass
16QAM	782	1	0	21.44	-1.54	17.75	<=34.77	Pass
			25	21.40	-1.54	17.71	<=34.77	Pass
			49	21.51	-1.54	17.82	<=34.77	Pass
		25	0	20.14	-1.54	16.45	<=34.77	Pass
			13	20.12	-1.54	16.43	<=34.77	Pass
			25	20.21	-1.54	16.52	<=34.77	Pass
		50	0	20.15	-1.54	16.46	<=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	-1.030	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.187	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.559	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0014	-2.5 to 2.5	Pass
	782	25	0	20	3.27	0.086	0.0001	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.186	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-0.443	-0.0006	-2.5 to 2.5	Pass
					3.85	0.715	0.0009	-2.5 to 2.5	Pass
					4.43	-0.229	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.917	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass

				10	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.529	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-0.014	0.0000	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.944	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-1.502	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.502	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.245	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.616	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0019	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-0.486	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.086	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0003	-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	-0.887	-0.0011	-2.5 to 2.5	Pass
					3.85	0.272	0.0003	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-0.772	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.316	-0.0017	-2.5 to 2.5	Pass

				-30	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.930	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.502	-0.0019	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
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

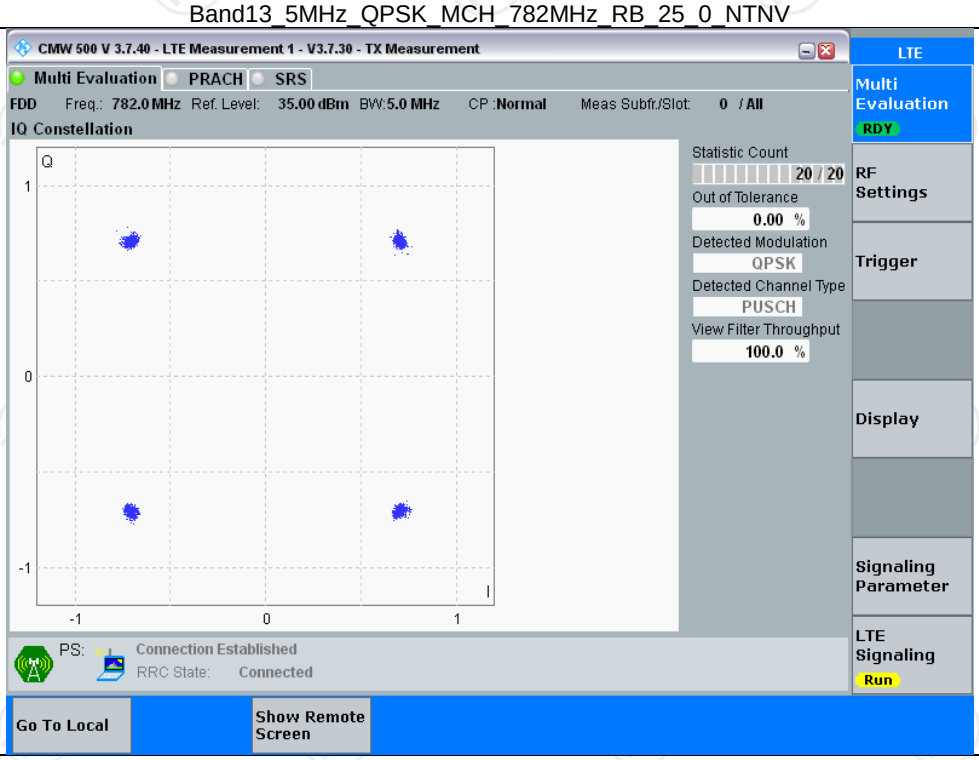
3.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
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

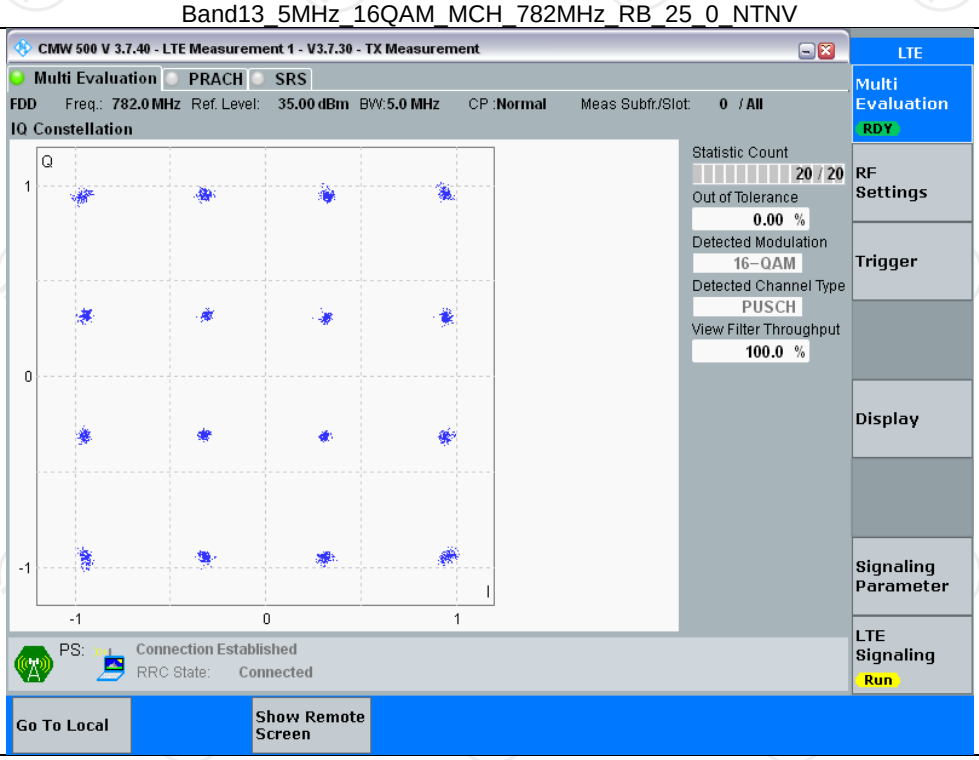
3.2 Test Graph

3.2.1 B13_5MHz

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV

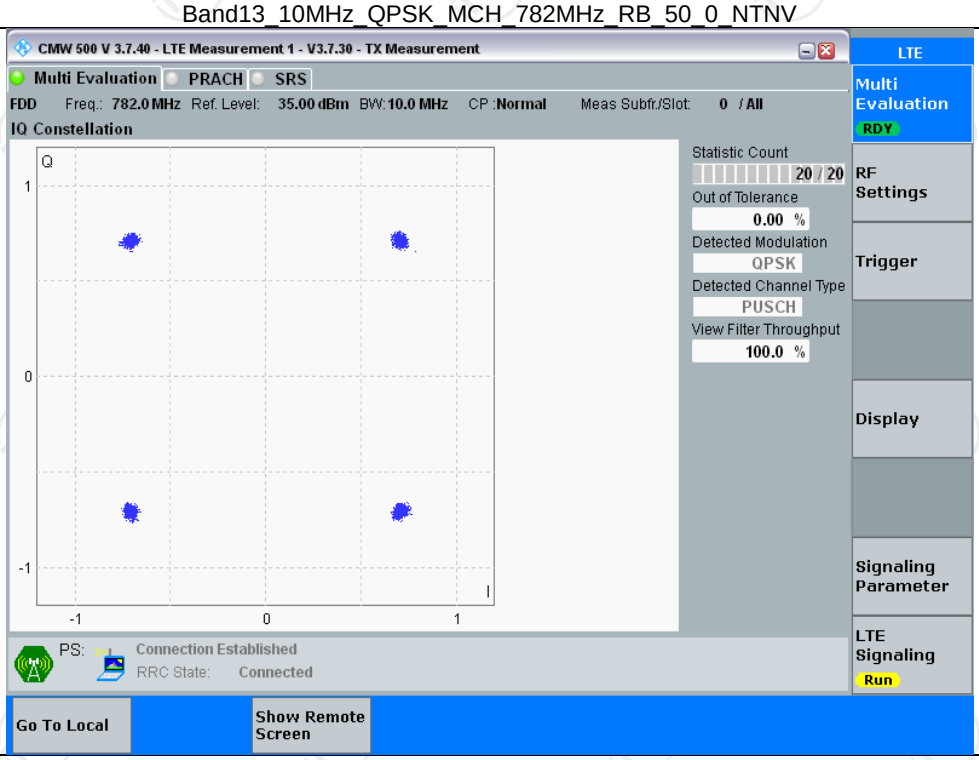


Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV

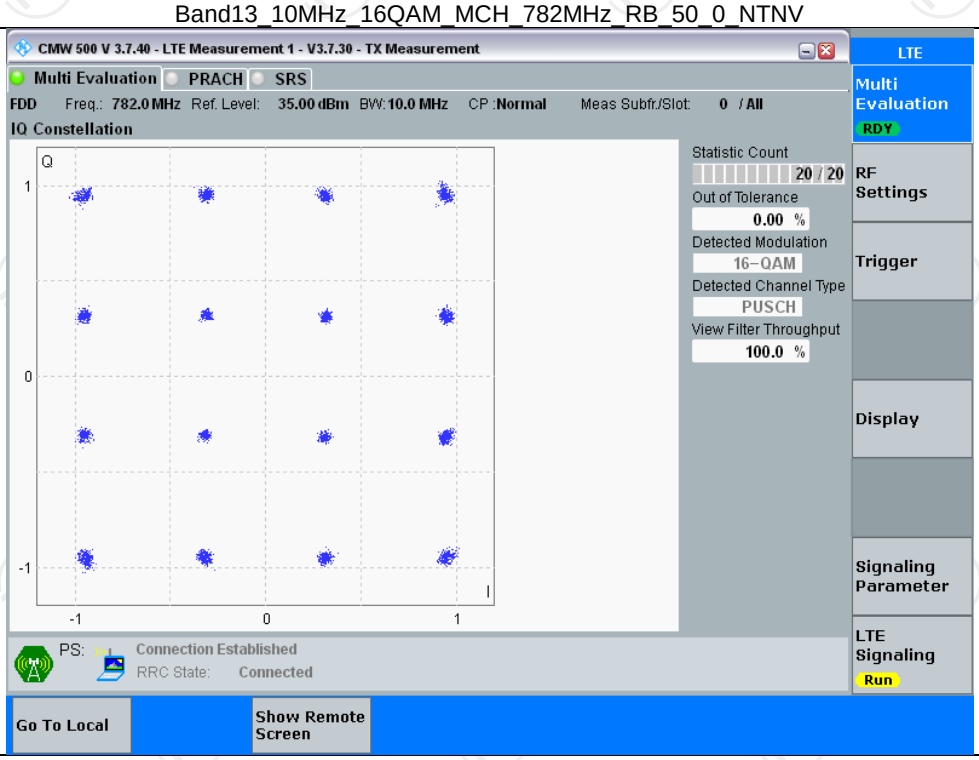


3.2.2 B13_10MHz

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



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	4.540	/	Pass
		782	25	0	4.571	/	Pass
		784.5	25	0	4.551	/	Pass
	16QAM	779.5	25	0	4.566	/	Pass
		782	25	0	4.548	/	Pass
		784.5	25	0	4.575	/	Pass
10	QPSK	782	50	0	9.088	/	Pass
	16QAM	782	50	0	9.099	/	Pass

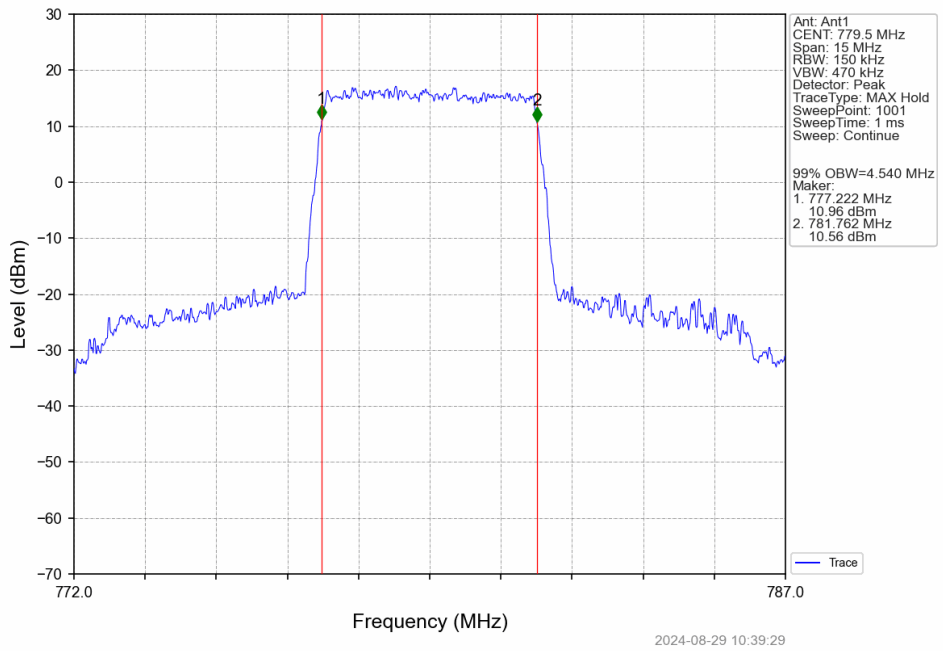
4.1.2 Band13_XDB

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.055	/	Pass
		782	25	0	5.035	/	Pass
		784.5	25	0	5.049	/	Pass
	16QAM	779.5	25	0	5.075	/	Pass
		782	25	0	5.029	/	Pass
		784.5	25	0	5.052	/	Pass
10	QPSK	782	50	0	10.134	/	Pass
	16QAM	782	50	0	10.192	/	Pass

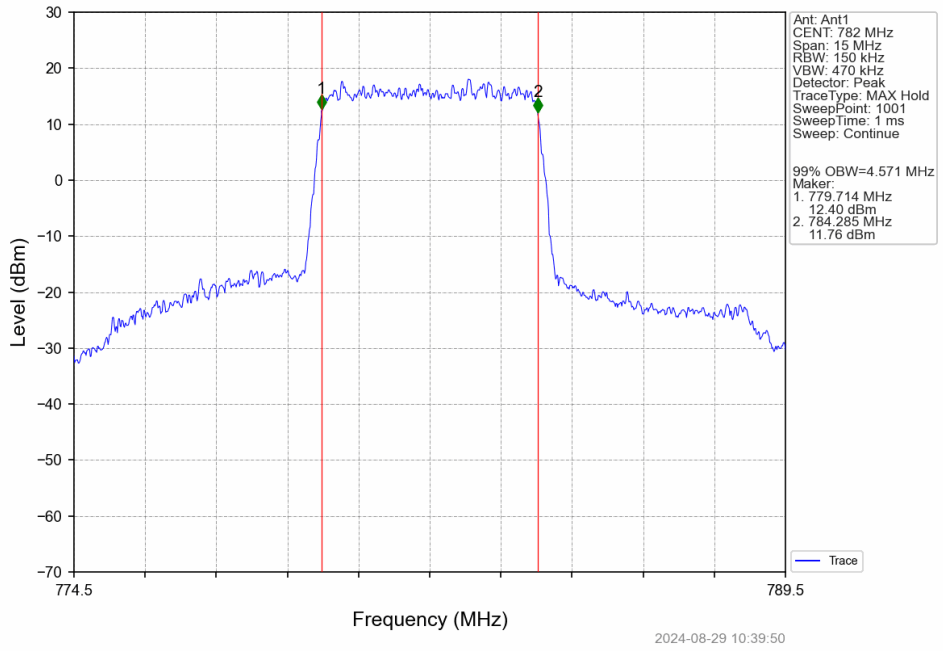
4.2 Test Graph

4.2.1 Band13_OBW

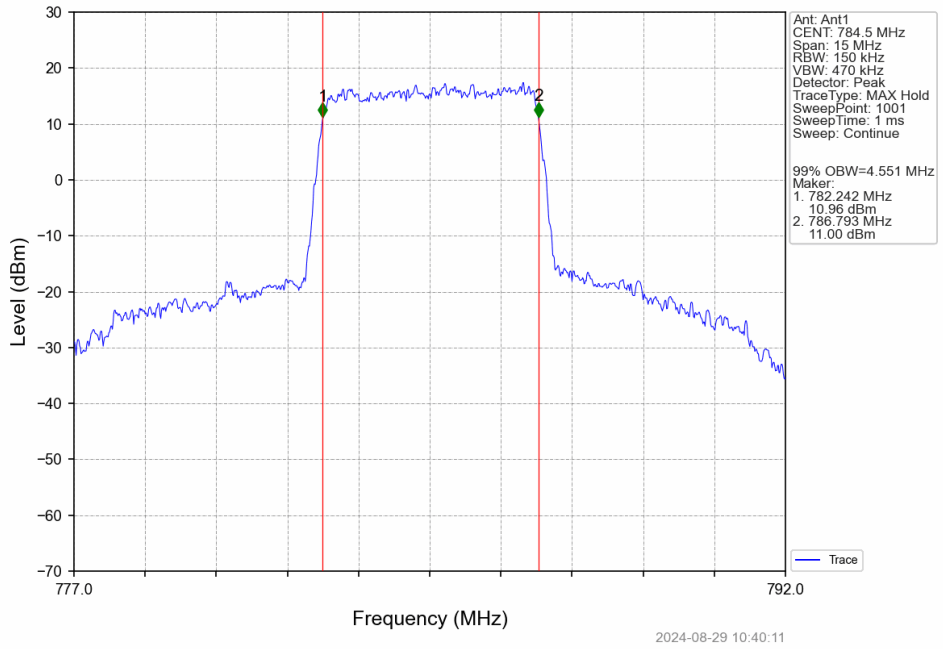
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



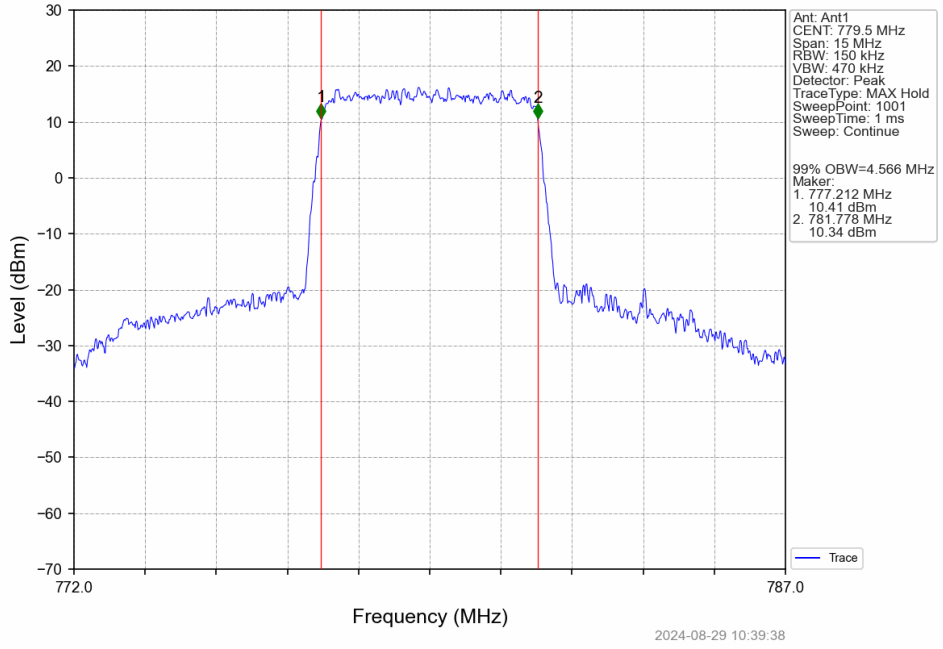
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



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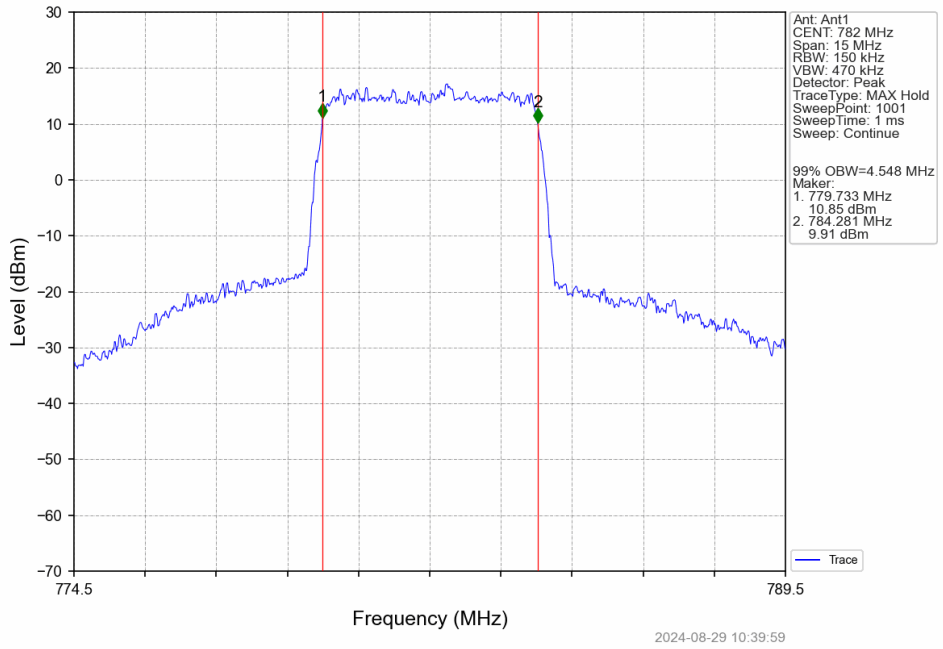
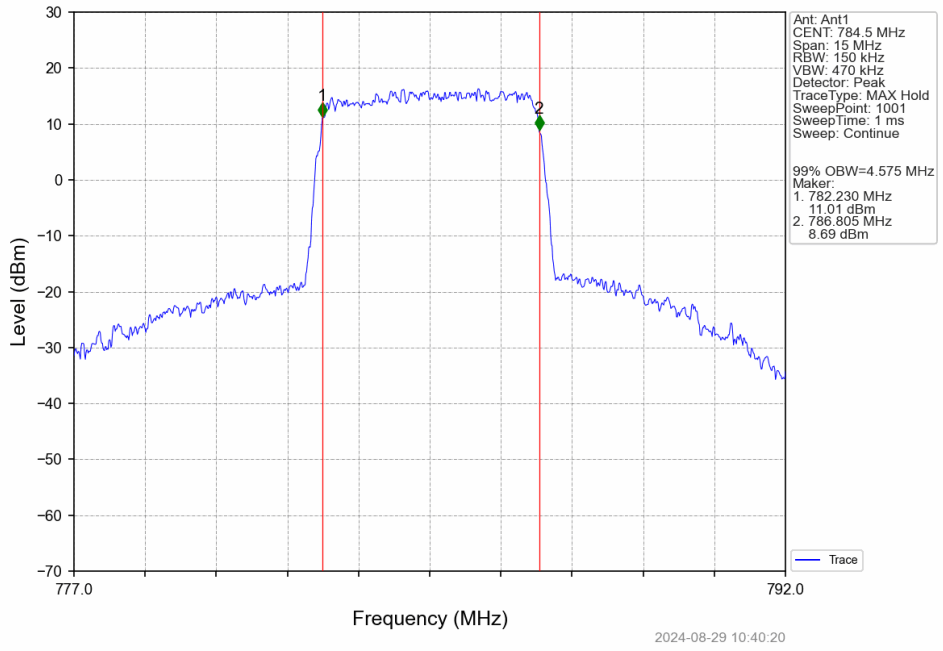
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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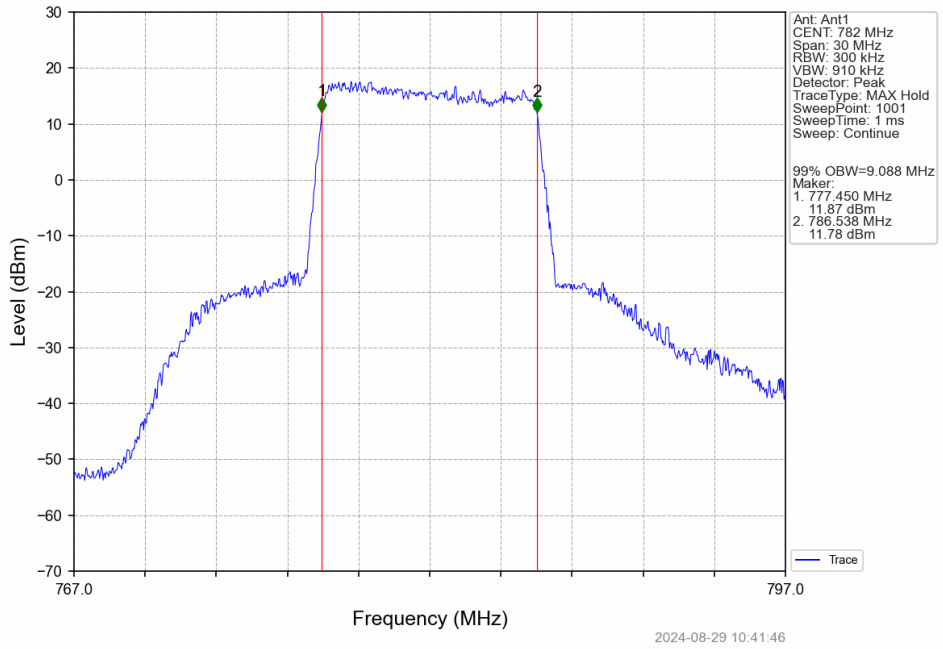
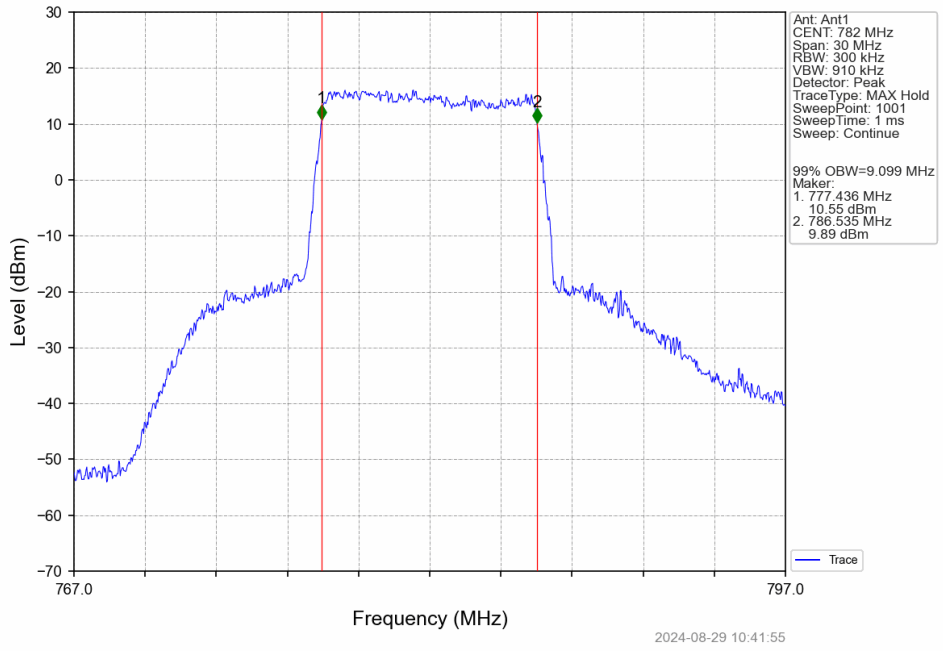
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



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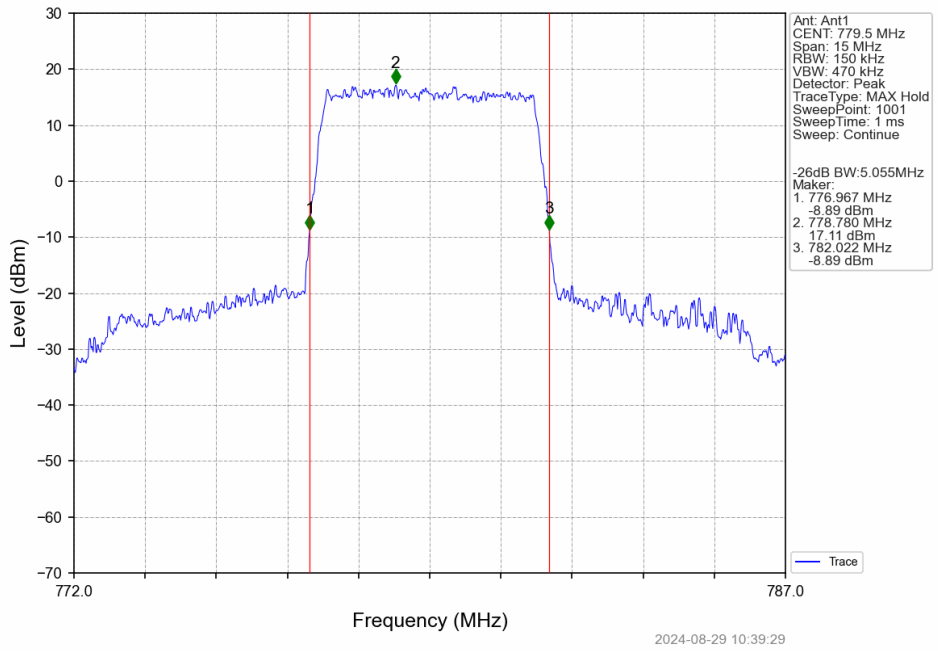
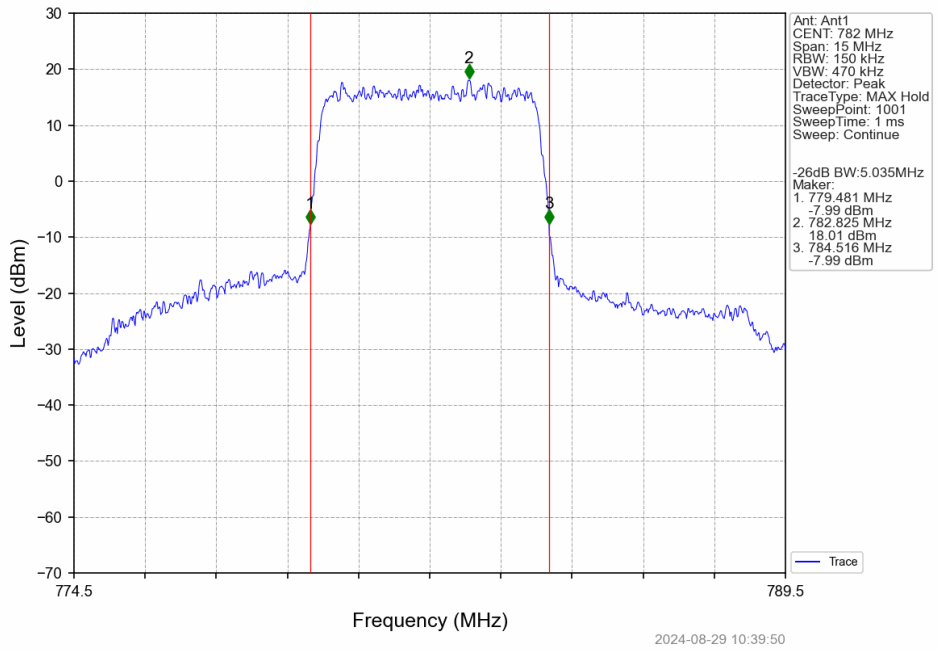
4.2.2 Band13_XDB

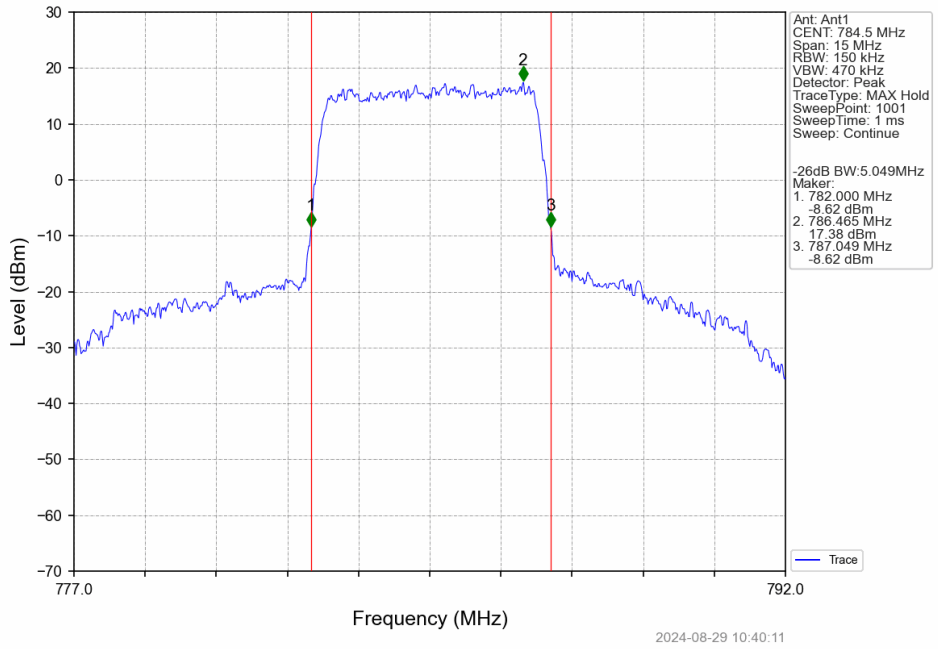
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



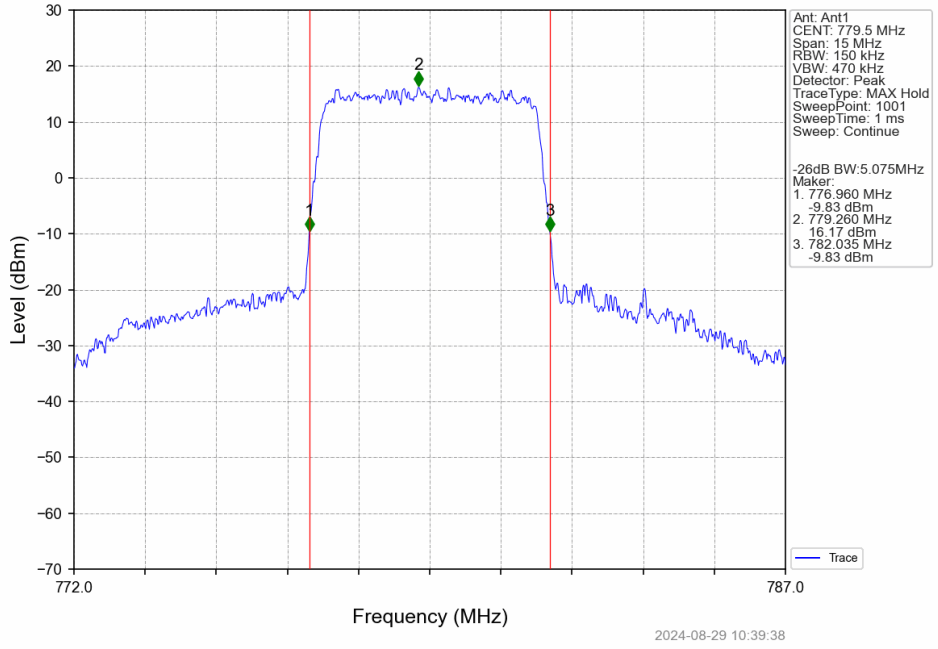
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



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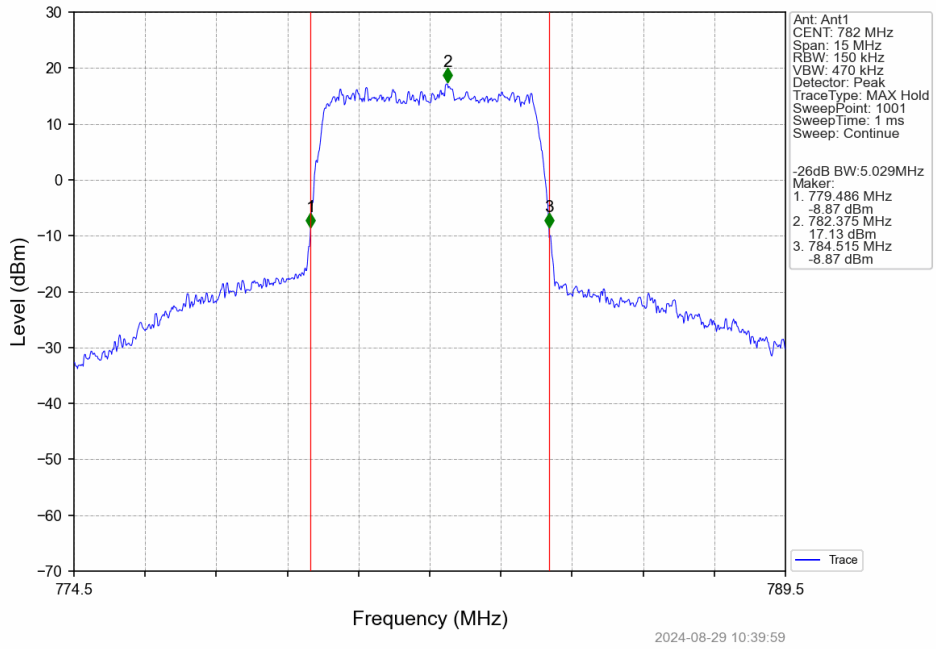
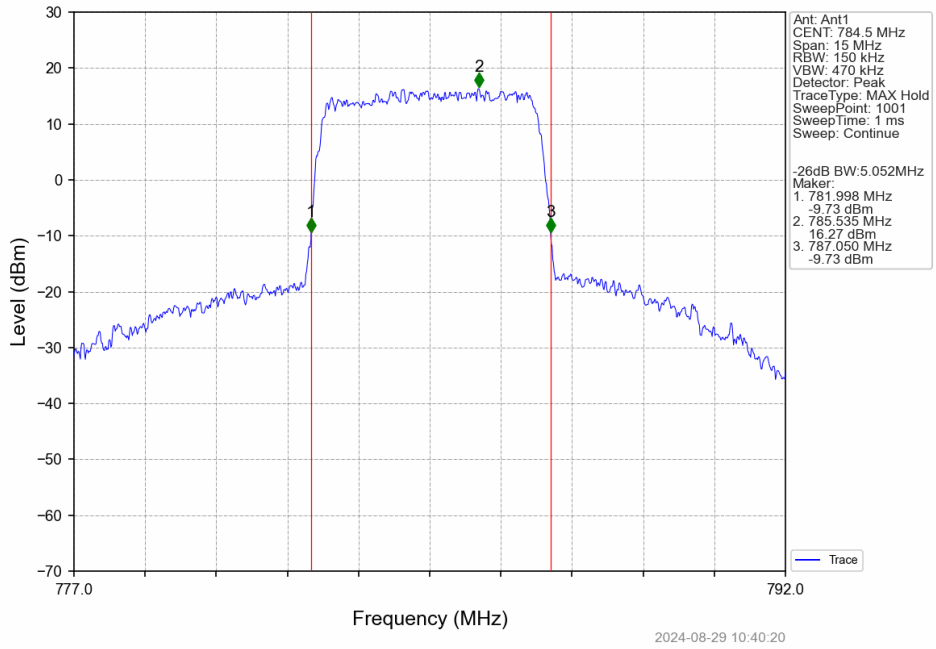
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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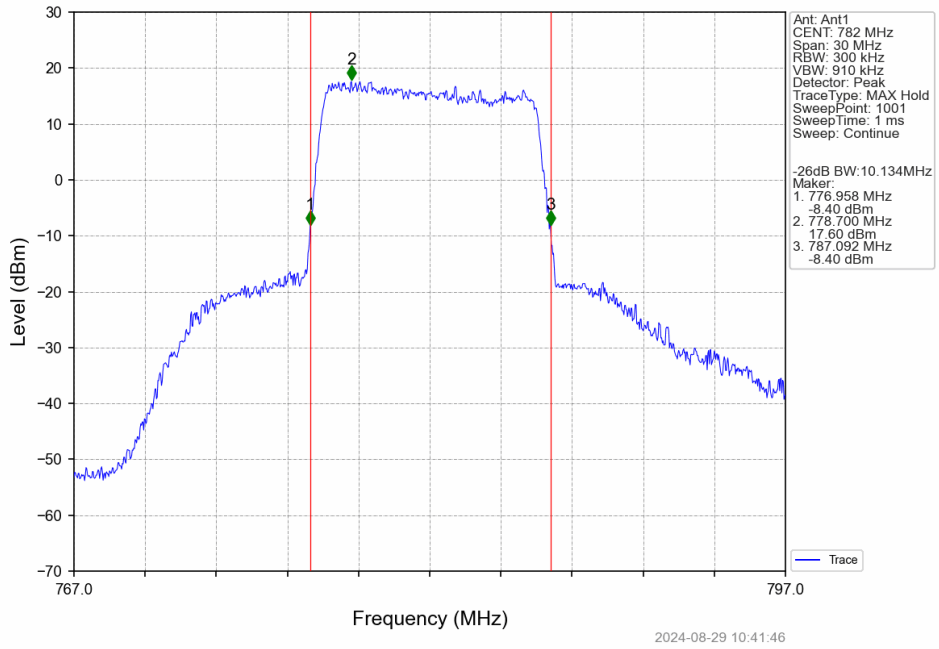
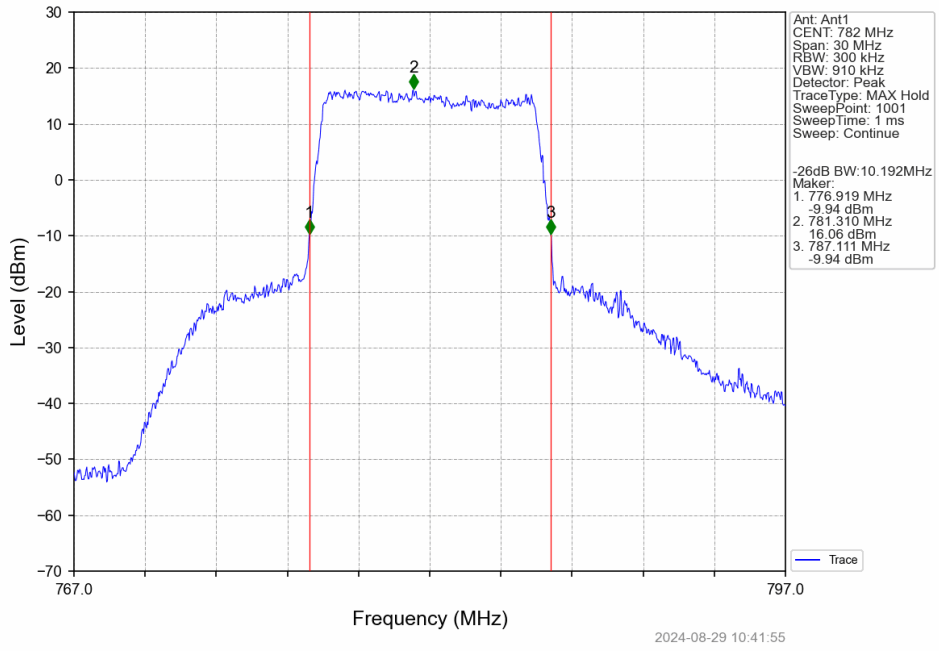
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.42	<=13	Pass
	782	25	0	5.72	<=13	Pass
	784.5	25	0	5.71	<=13	Pass
16QAM	779.5	25	0	6.14	<=13	Pass
	782	25	0	6.40	<=13	Pass
	784.5	25	0	6.51	<=13	Pass

5.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.64	<=13	Pass
16QAM	782	50	0	6.41	<=13	Pass

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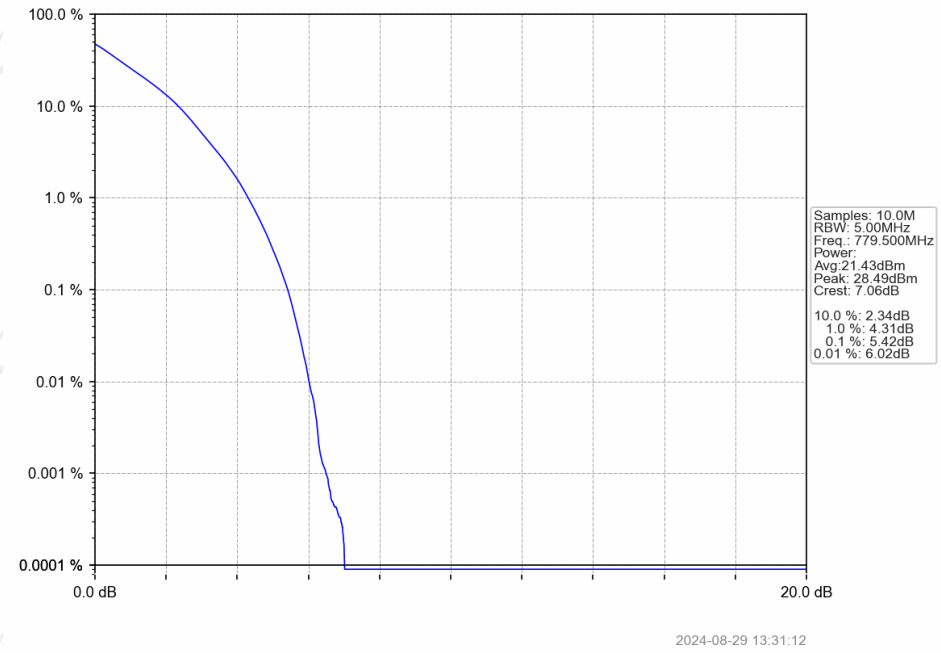
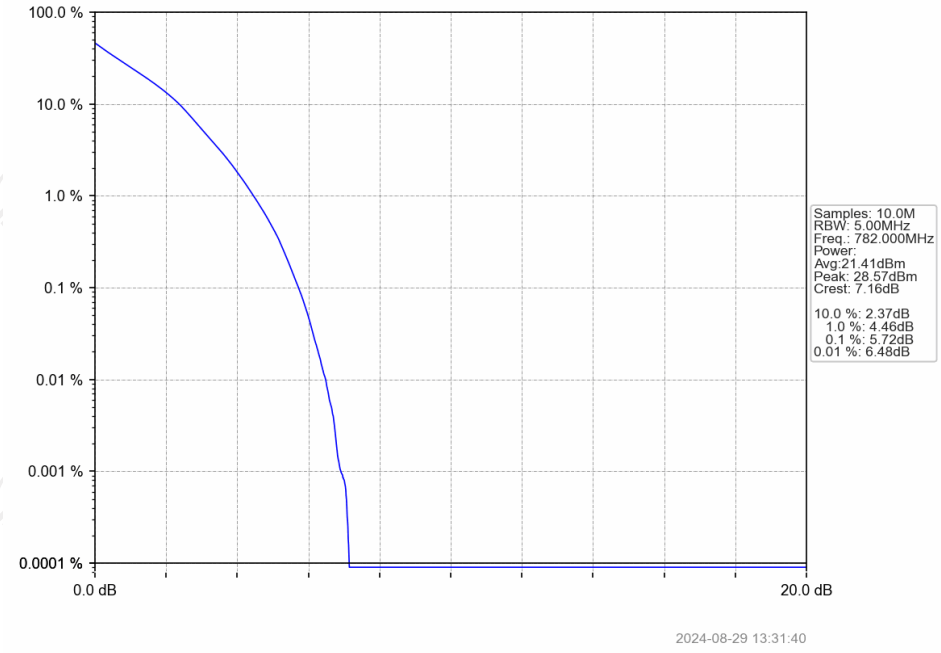
5.2 Test Graph

5.2.1 B13_5MHz

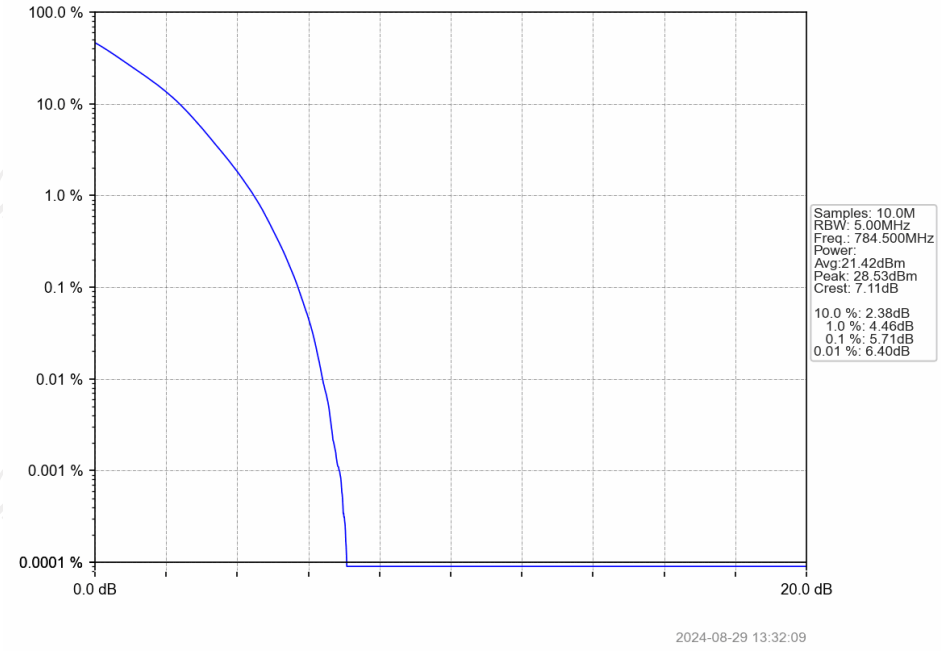
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



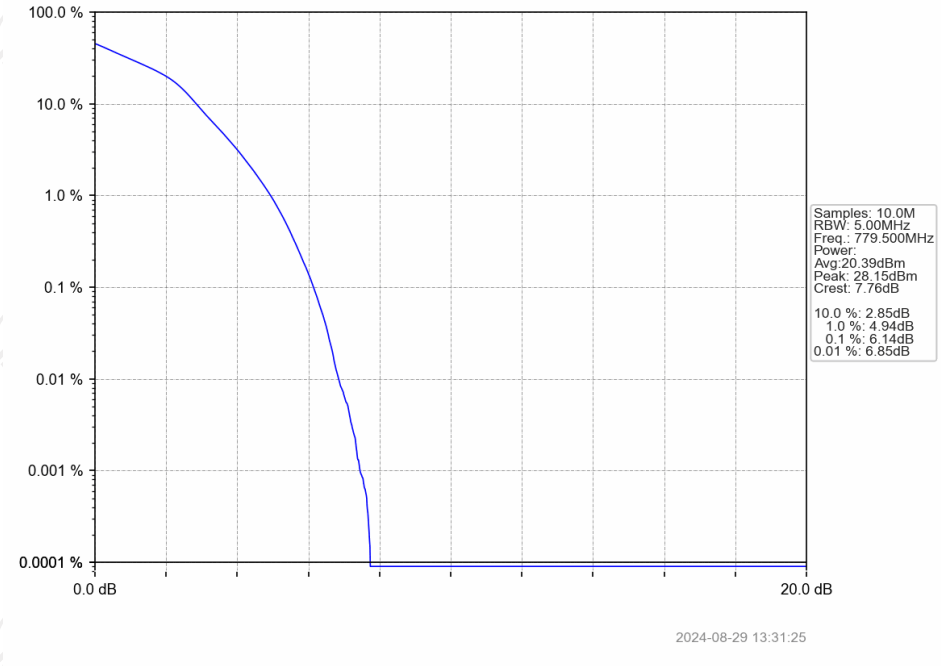
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



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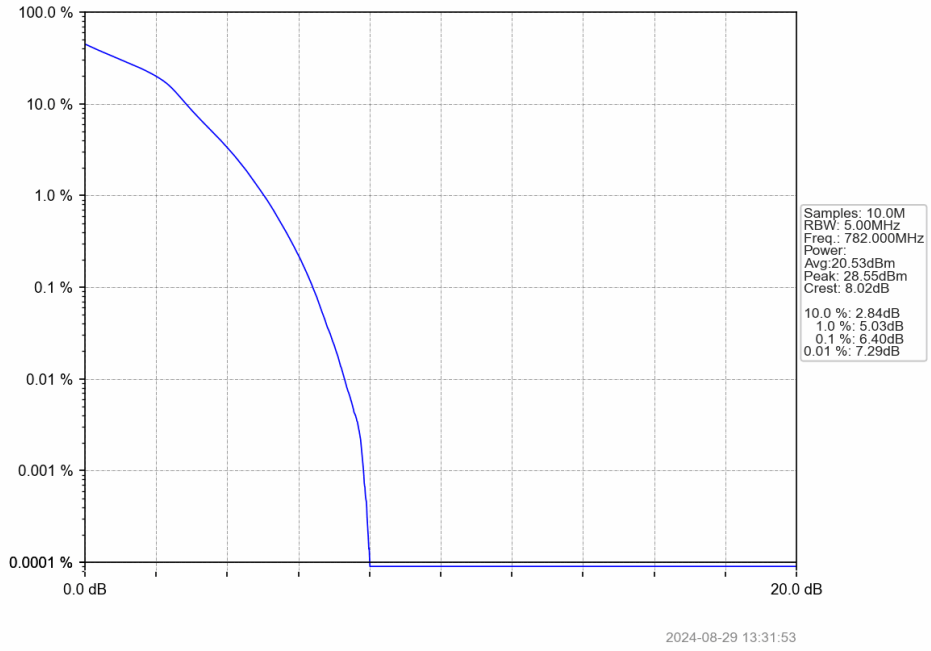
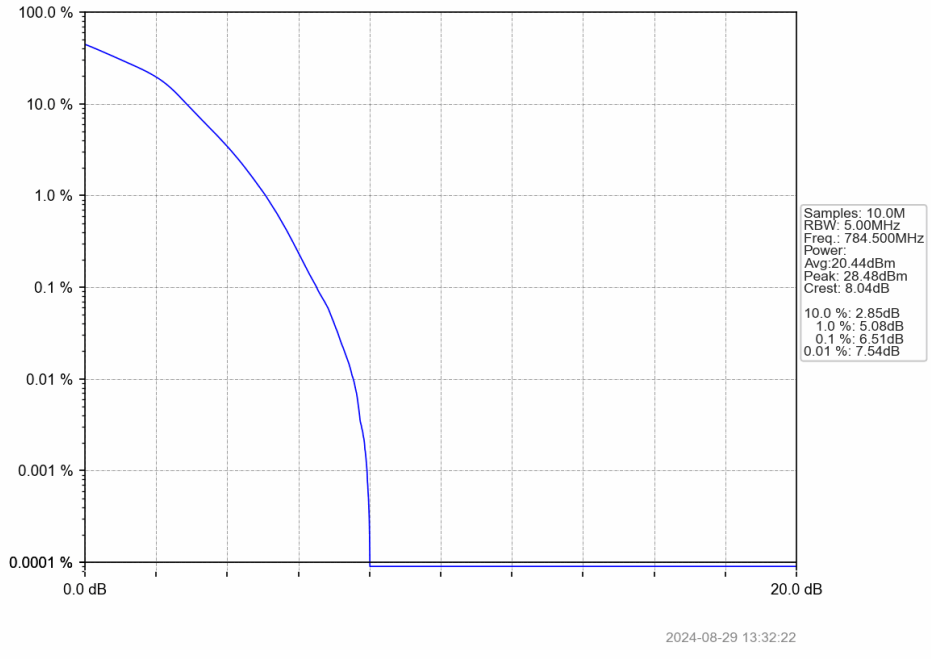
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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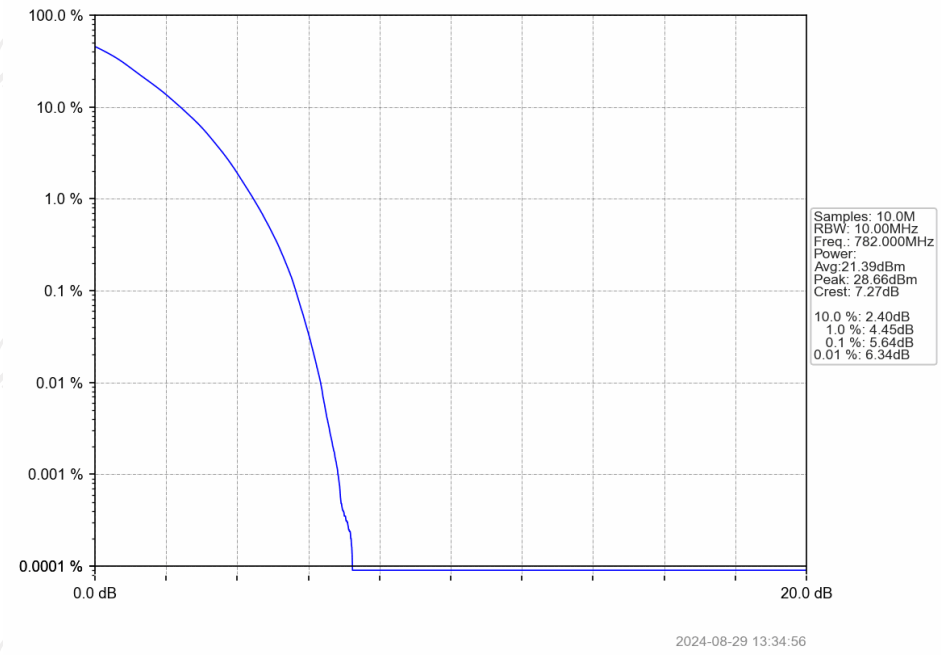
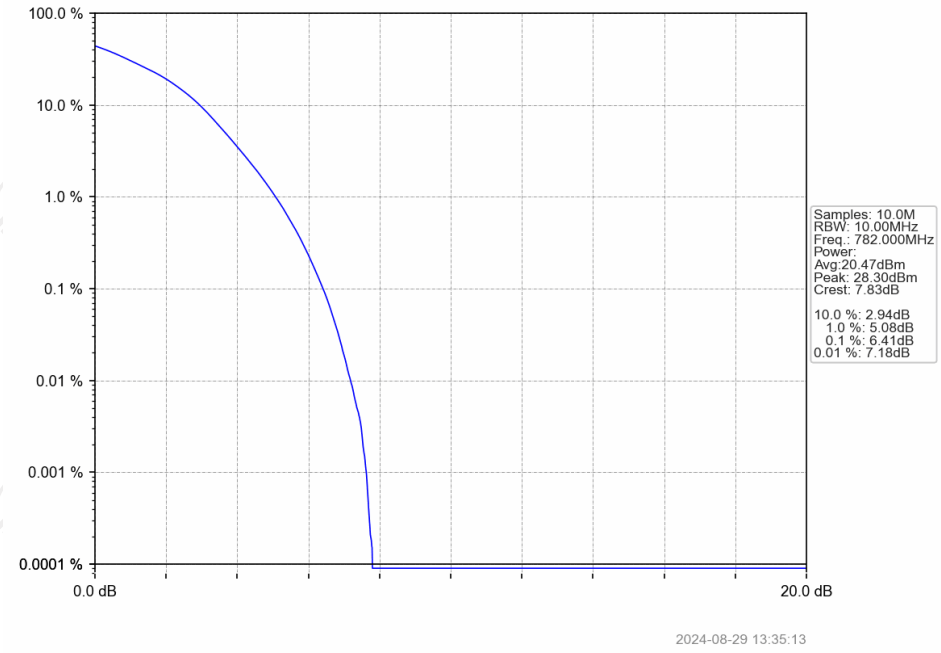
5.2.2 B13_10MHz

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
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
	782	1	0	Refer To Test Graph		Pass
	784.5	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
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

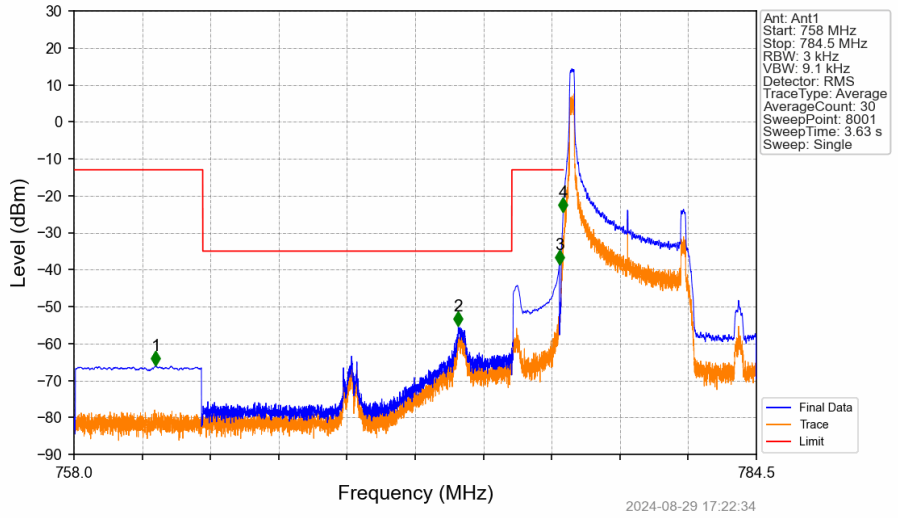
6.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
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

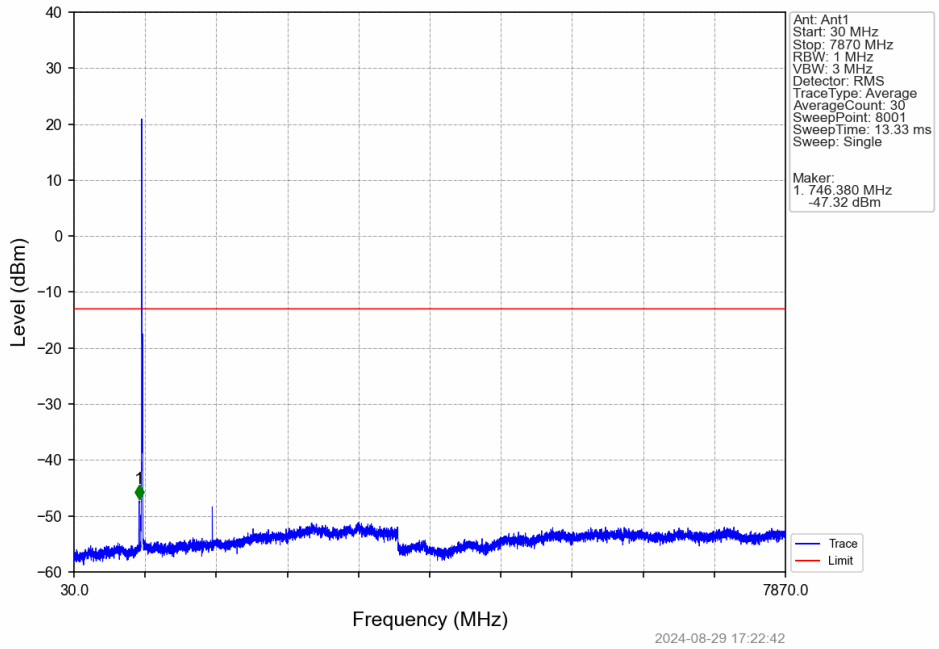
6.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

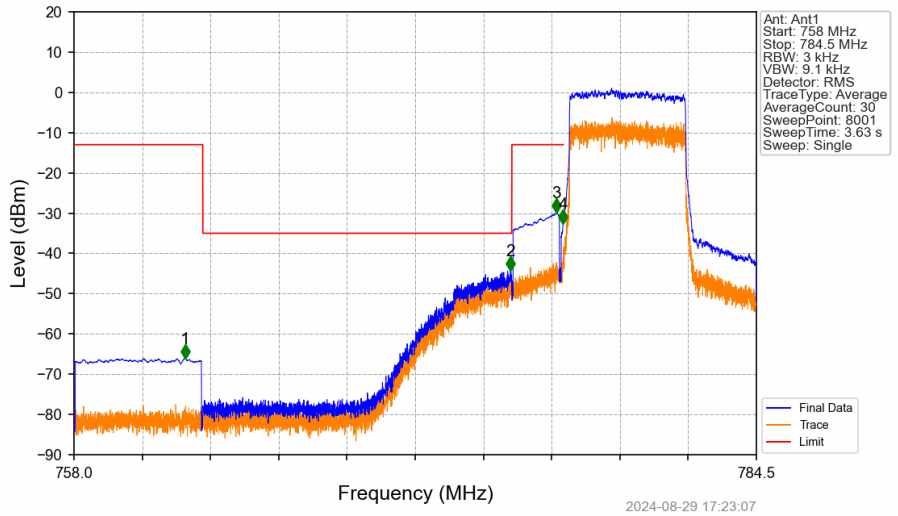


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.167	-65.97	-13	Pass
763	775	0.00625	CHP	2	772.923	-55.14	-35	Pass
775	776.9	0.1	CHP	3	776.848	-38.51	-13	Pass
776.9	777	0.03	CHP	4	776.997	-24.40	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

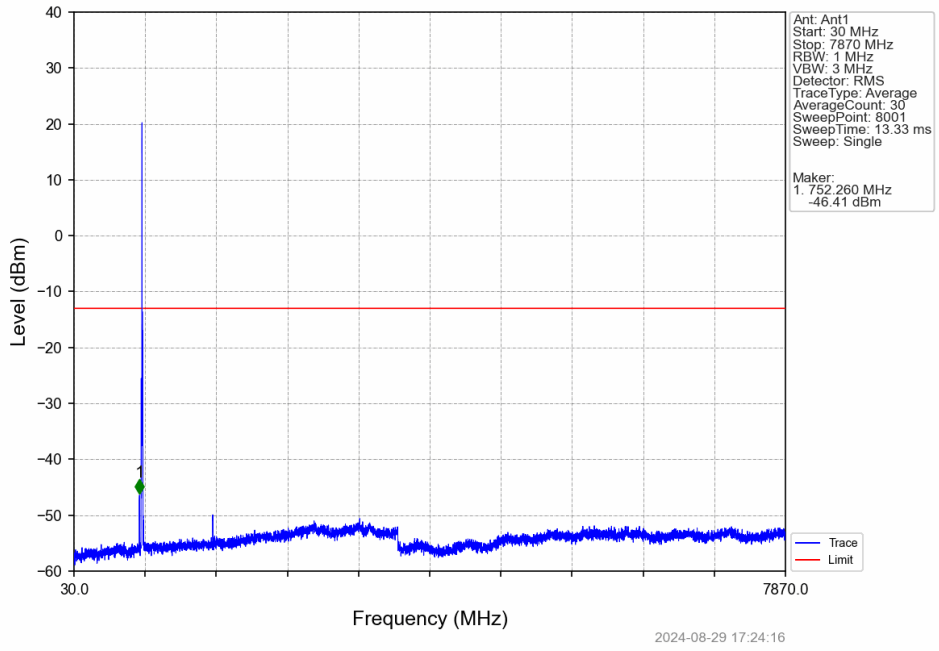


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

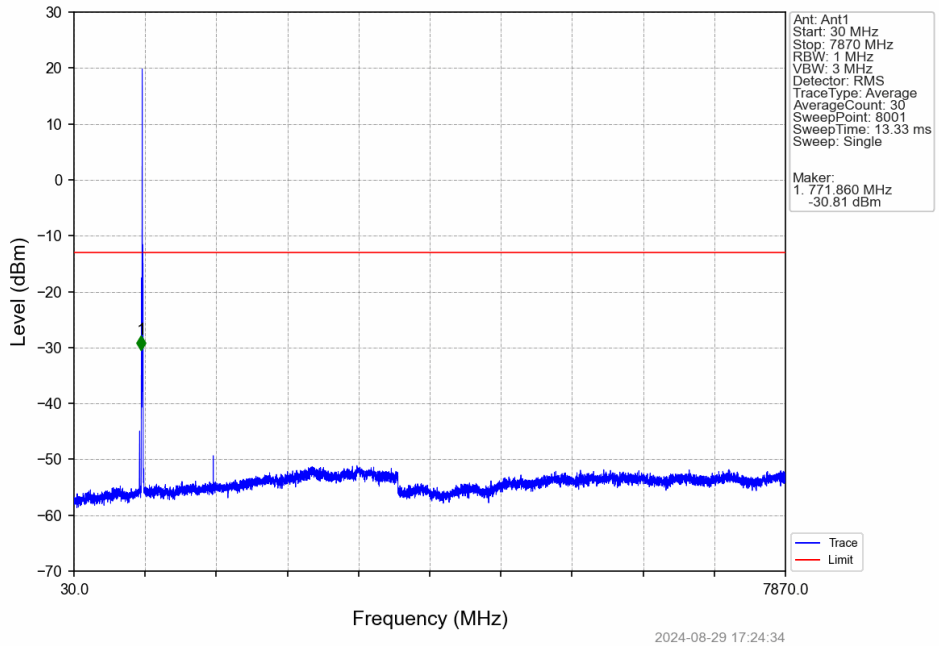


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.319	-66.04	-13	Pass
763	775	0.00625	CHP	2	774.950	-44.18	-35	Pass
775	776.9	0.1	CHP	3	776.742	-29.74	-13	Pass
776.9	777	0.03	CHP	4	776.997	-32.68	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

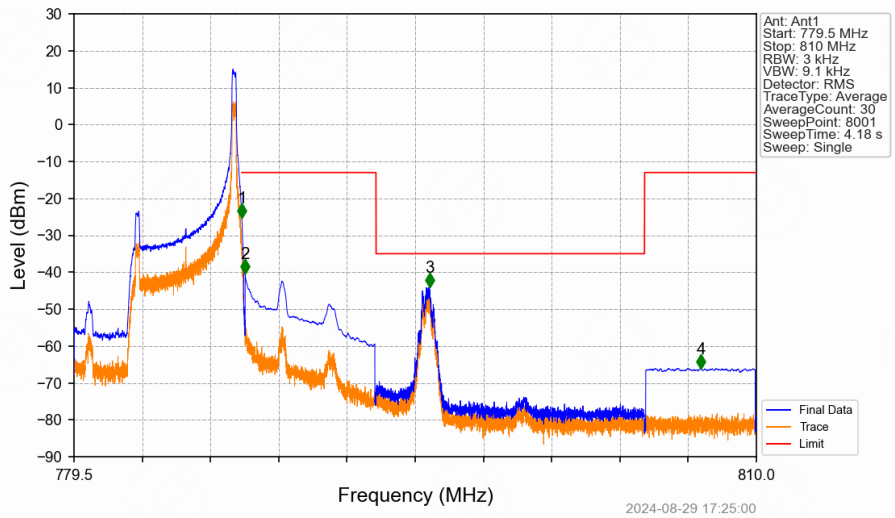
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

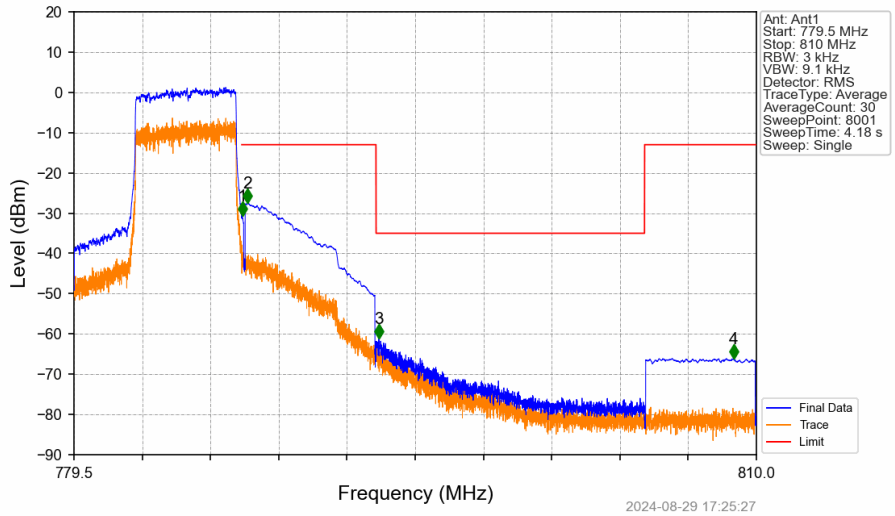


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



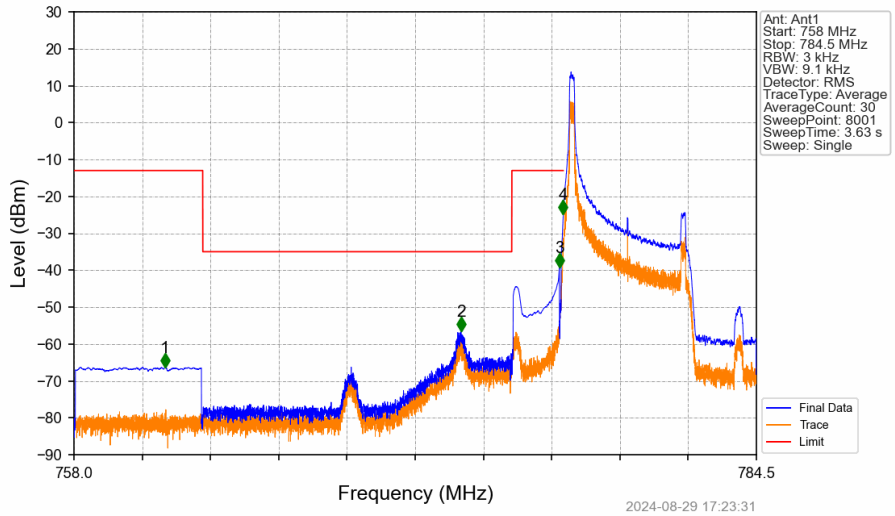
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-25.27	-13	Pass
787.1	793	0.1	CHP	2	787.152	-40.22	-13	Pass
793	805	0.00625	CHP	3	795.383	-43.97	-35	Pass
805	810	0.1	CHP	4	807.529	-66.02	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



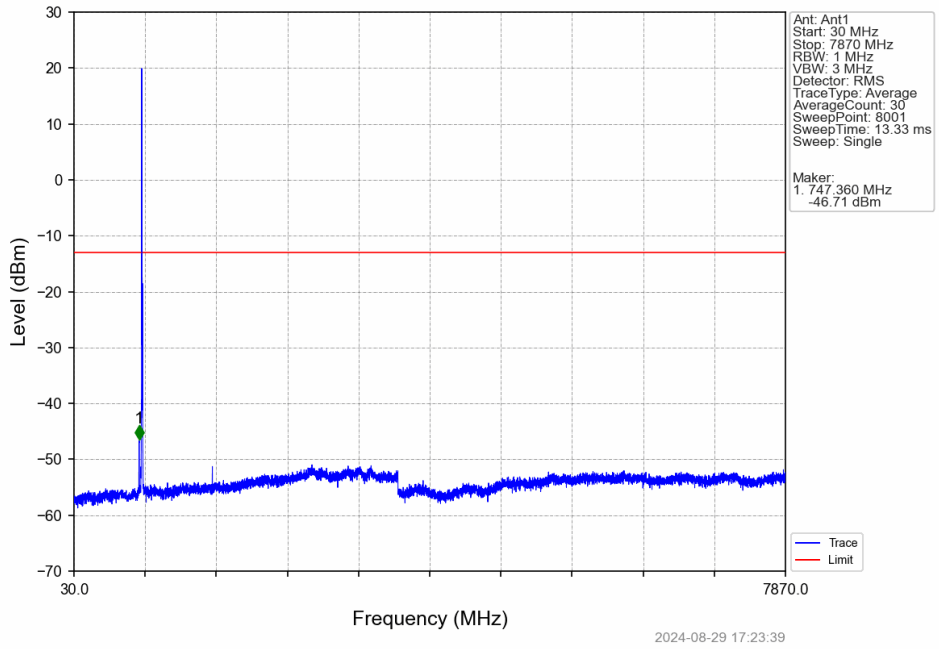
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.026	-30.59	-13	Pass
787.1	793	0.1	CHP	2	787.262	-27.51	-13	Pass
793	805	0.00625	CHP	3	793.114	-61.00	-35	Pass
805	810	0.1	CHP	4	808.990	-66.09	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

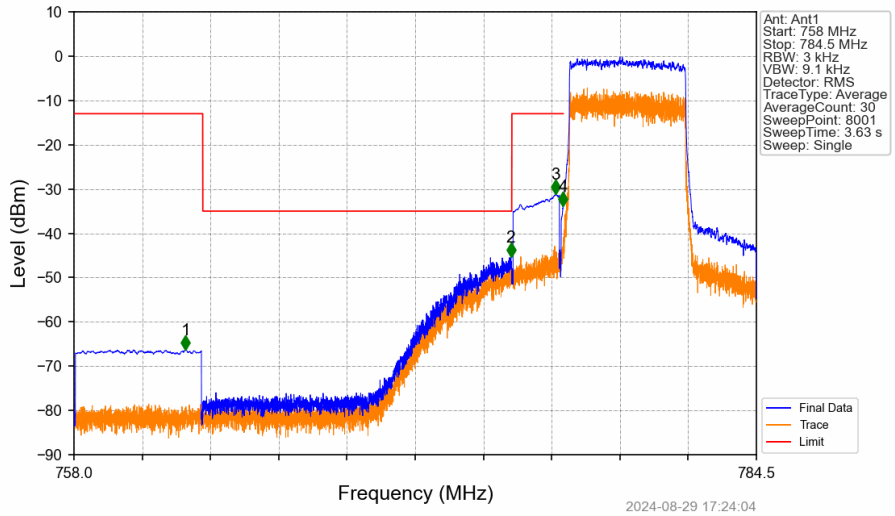


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.538	-66.27	-13	Pass
763	775	0.00625	CHP	2	773.029	-56.53	-35	Pass
775	776.9	0.1	CHP	3	776.848	-39.29	-13	Pass
776.9	777	0.03	CHP	4	776.997	-24.90	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

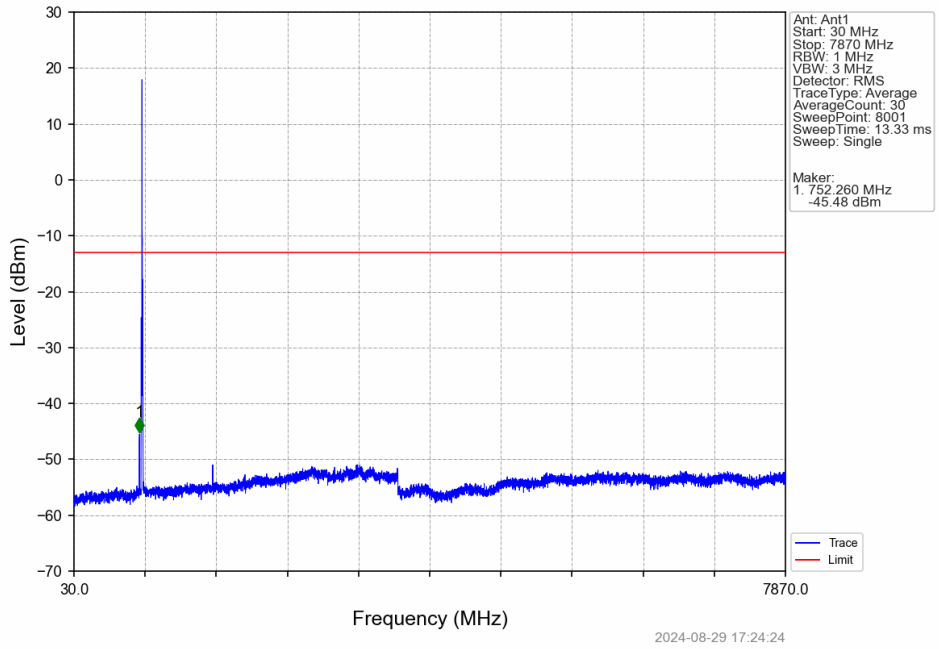


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

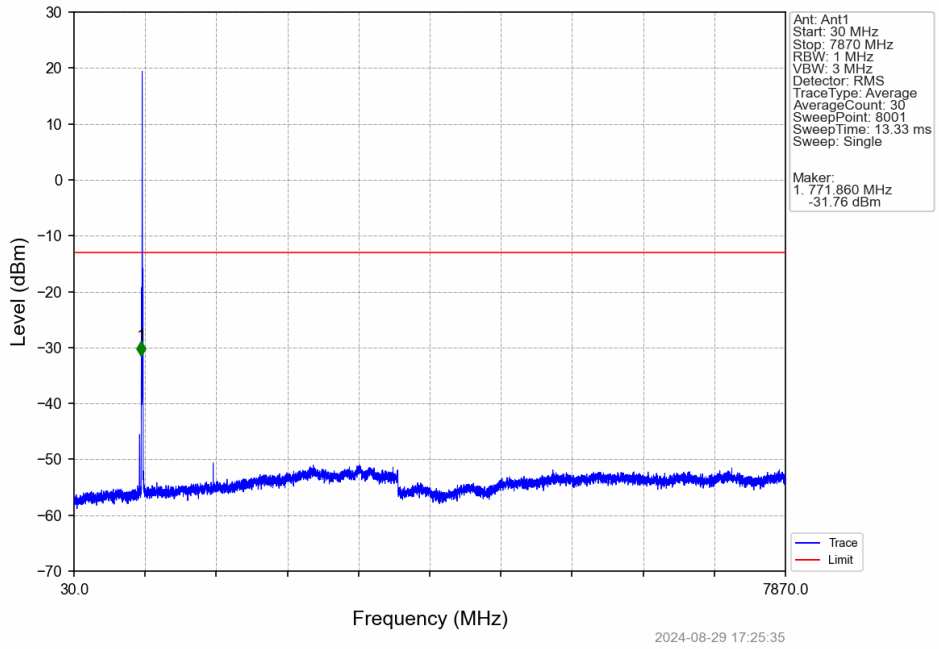


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.329	-66.29	-13	Pass
763	775	0.00625	CHP	2	774.967	-45.40	-35	Pass
775	776.9	0.1	CHP	3	776.699	-31.05	-13	Pass
776.9	777	0.03	CHP	4	776.994	-33.88	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



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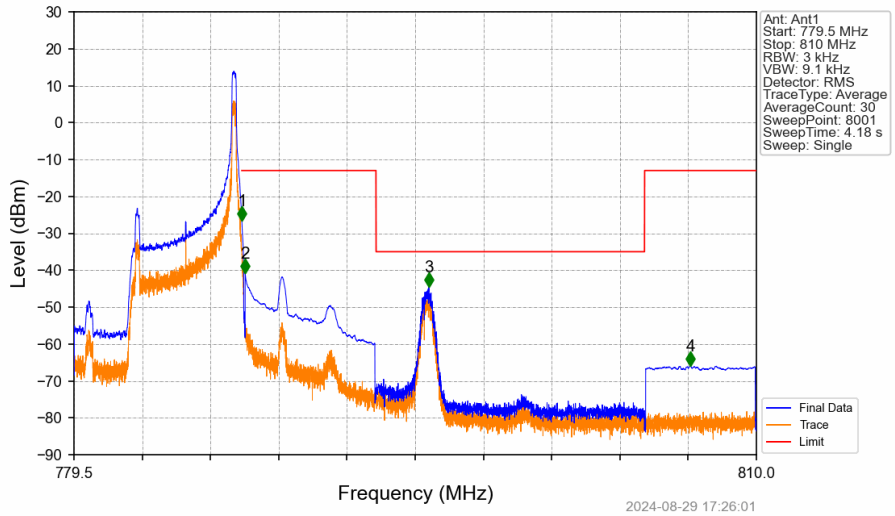
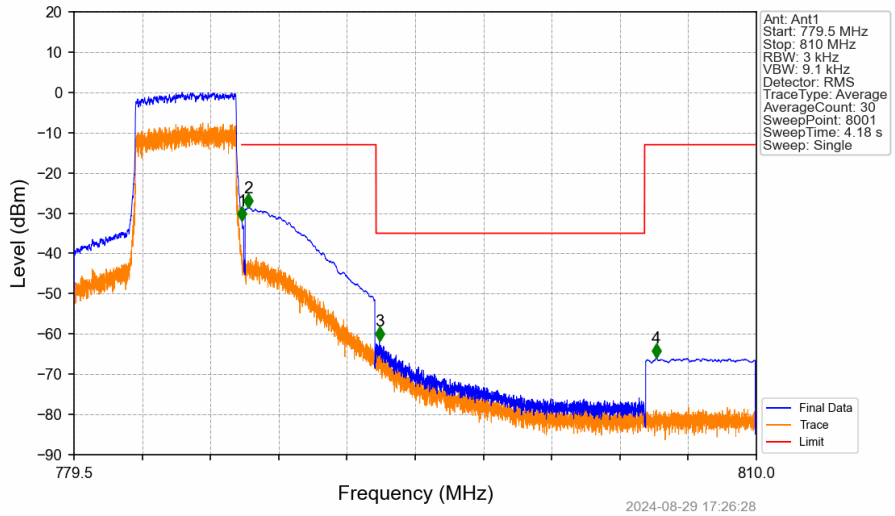
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-26.54	-13	Pass
787.1	793	0.1	CHP	2	787.152	-40.69	-13	Pass
793	805	0.00625	CHP	3	795.360	-44.47	-35	Pass
805	810	0.1	CHP	4	807.057	-65.80	-13	Pass

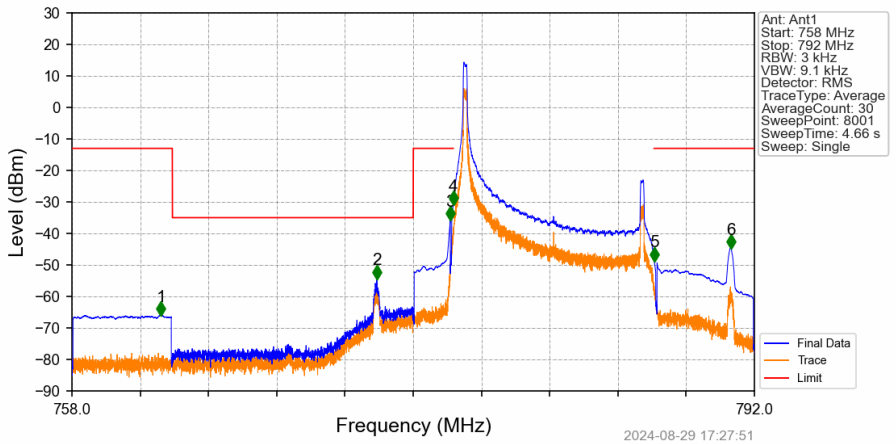
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-31.75	-13	Pass
787.1	793	0.1	CHP	2	787.293	-28.57	-13	Pass
793	805	0.00625	CHP	3	793.149	-61.68	-35	Pass
805	810	0.1	CHP	4	805.520	-65.96	-13	Pass

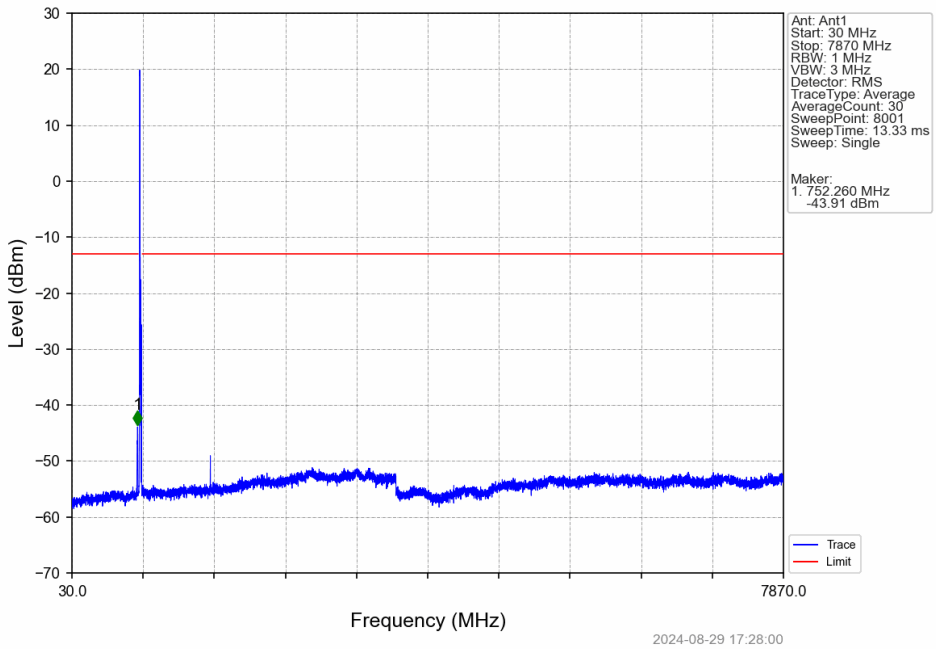
6.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

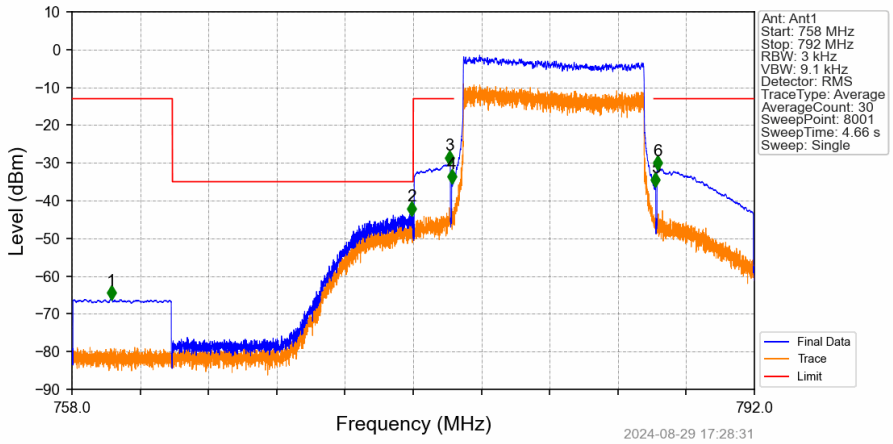


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.424	-65.87	-13	Pass
763	775	0.00625	CHP	2	773.189	-54.12	-35	Pass
775	776.9	0.1	CHP	3	776.849	-35.60	-13	Pass
776.9	777	0.03	CHP	4	776.997	-30.68	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-48.49	-13	Pass
787.1	792	0.1	CHP	6	790.831	-44.56	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

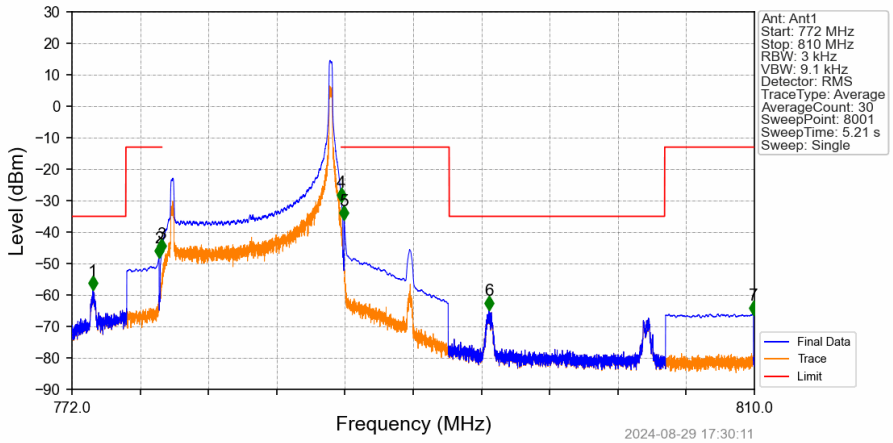


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



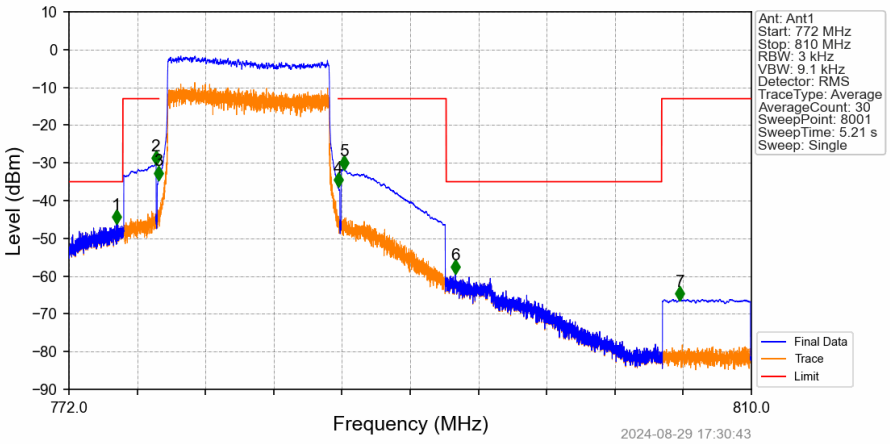
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.951	-66.00	-13	Pass
763	775	0.00625	CHP	2	774.911	-43.66	-35	Pass
775	776.9	0.1	CHP	3	776.815	-30.16	-13	Pass
776.9	777	0.03	CHP	4	776.917	-35.10	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.074	-36.09	-13	Pass
787.1	792	0.1	CHP	6	787.163	-31.56	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



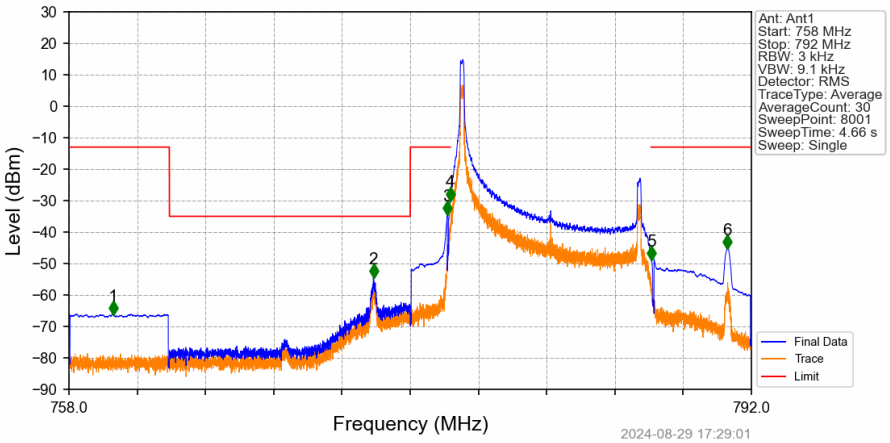
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.164	-58.17	-35	Pass
775	776.9	0.1	CHP	2	776.850	-47.67	-13	Pass
776.9	777	0.03	CHP	3	776.997	-46.30	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-30.01	-13	Pass
787.1	793	0.1	CHP	5	787.153	-35.81	-13	Pass
793	805	0.00625	CHP	6	795.237	-64.37	-35	Pass
805	810	0.1	CHP	7	809.948	-65.93	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



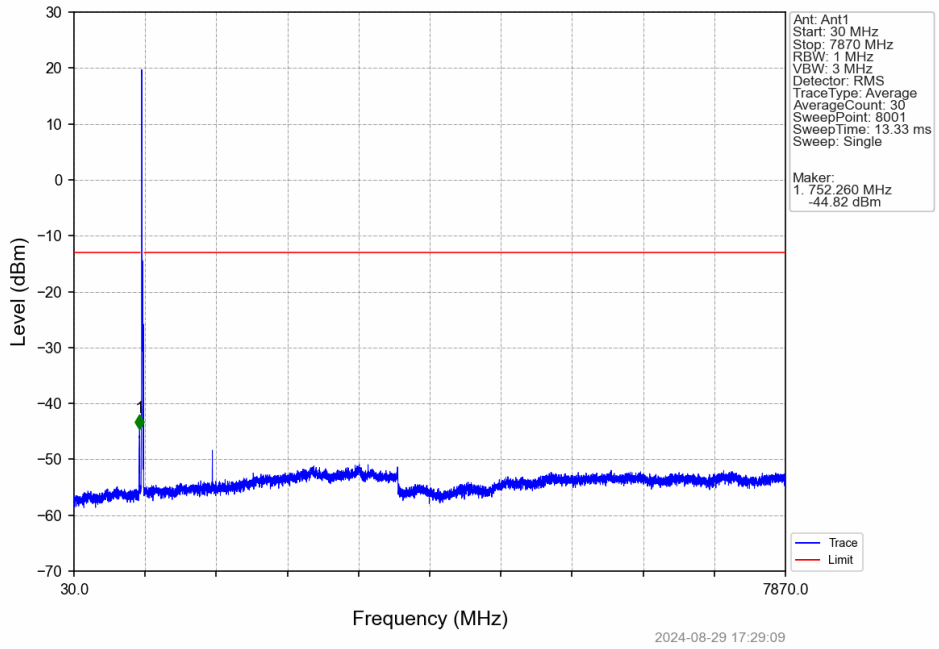
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.641	-45.94	-35	Pass
775	776.9	0.1	CHP	2	776.831	-30.33	-13	Pass
776.9	777	0.03	CHP	3	776.978	-34.27	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-35.99	-13	Pass
787.1	793	0.1	CHP	5	787.314	-31.55	-13	Pass
793	805	0.00625	CHP	6	793.513	-59.11	-35	Pass
805	810	0.1	CHP	7	806.024	-66.13	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

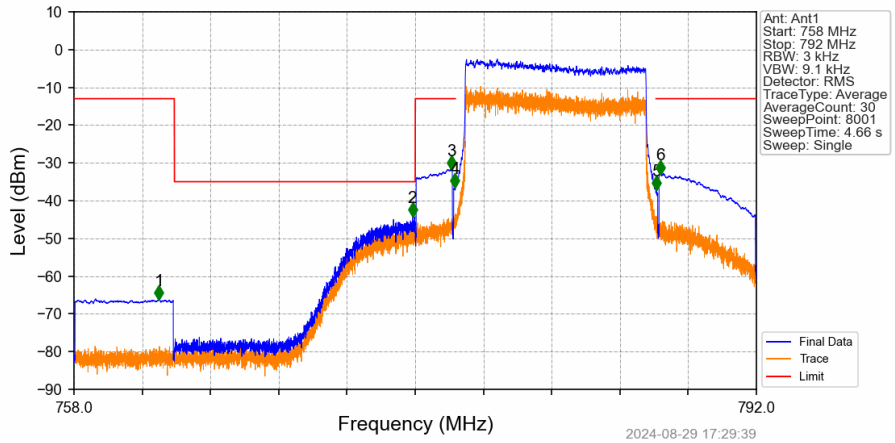


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.197	-66.05	-13	Pass
763	775	0.00625	CHP	2	773.177	-54.19	-35	Pass
775	776.9	0.1	CHP	3	776.849	-34.21	-13	Pass
776.9	777	0.03	CHP	4	776.997	-29.78	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-48.69	-13	Pass
787.1	792	0.1	CHP	6	790.814	-44.95	-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	762.233	-65.95	-13	Pass
763	775	0.00625	CHP	2	774.864	-43.96	-35	Pass
775	776.9	0.1	CHP	3	776.802	-31.53	-13	Pass
776.9	777	0.03	CHP	4	776.976	-36.30	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.010	-36.95	-13	Pass
787.1	792	0.1	CHP	6	787.202	-32.74	-13	Pass

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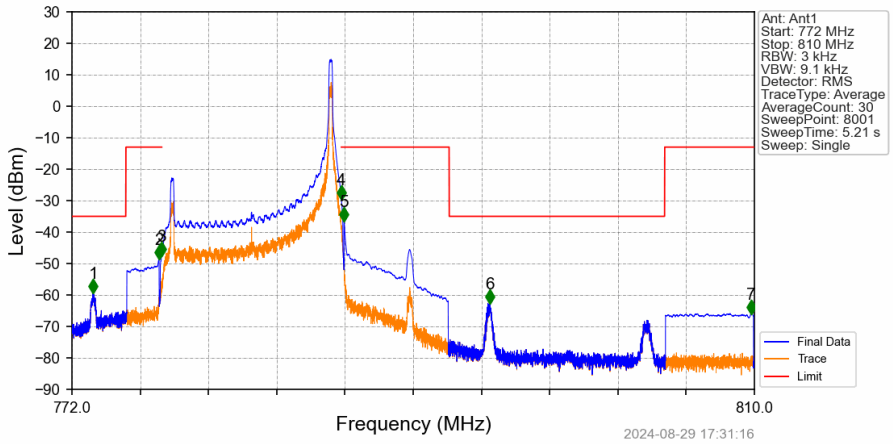
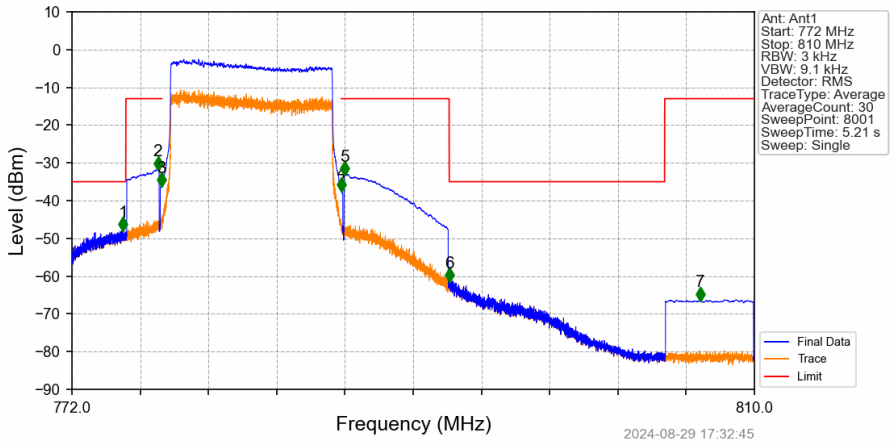
Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.173	-59.01	-35	Pass
775	776.9	0.1	CHP	2	776.850	-48.23	-13	Pass
776.9	777	0.03	CHP	3	776.997	-47.19	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-29.27	-13	Pass
787.1	793	0.1	CHP	5	787.153	-36.19	-13	Pass
793	805	0.00625	CHP	6	795.261	-62.29	-35	Pass
805	810	0.1	CHP	7	809.834	-65.66	-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	CHP	1	774.850	-47.85	-35	Pass
775	776.9	0.1	CHP	2	776.788	-31.65	-13	Pass
776.9	777	0.03	CHP	3	776.992	-36.09	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.015	-37.30	-13	Pass
787.1	793	0.1	CHP	5	787.181	-33.01	-13	Pass
793	805	0.00625	CHP	6	793.005	-61.22	-35	Pass
805	810	0.1	CHP	7	806.979	-66.28	-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	0.1549	0.0024	ppm	4M57G7D	27F	21.90
13	5	779.5	784.5	0.1262	0.0021	ppm	4M58W7D	27F	21.01
13	10	782	782	0.1538	0.0011	ppm	9M09G7D	27F	21.87
13	10	782	782	0.1416	0.0020	ppm	9M10W7D	27F	21.51

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	0.0662	0.0024	ppm	4M57G7D	27F	18.21
13	5	779.5	784.5	0.0540	0.0021	ppm	4M58W7D	27F	17.32
13	10	782	782	0.0658	0.0011	ppm	9M09G7D	27F	18.18
13	10	782	782	0.0605	0.0020	ppm	9M10W7D	27F	17.82