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	23.08	-5.60	15.33	<=34.77	Pass
			13	23.18	-5.60	15.43	<=34.77	Pass
			24	23.08	-5.60	15.33	<=34.77	Pass
		12	0	22.12	-5.60	14.37	<=34.77	Pass
			6	22.18	-5.60	14.43	<=34.77	Pass
			13	22.14	-5.60	14.39	<=34.77	Pass
		25	0	22.14	-5.60	14.39	<=34.77	Pass
	782	1	0	22.98	-5.60	15.23	<=34.77	Pass
			13	22.99	-5.60	15.24	<=34.77	Pass
			24	22.73	-5.60	14.98	<=34.77	Pass
		12	0	21.81	-5.60	14.06	<=34.77	Pass
			6	21.85	-5.60	14.10	<=34.77	Pass
			13	21.66	-5.60	13.91	<=34.77	Pass
		25	0	21.63	-5.60	13.88	<=34.77	Pass
	784.5	1	0	22.58	-5.60	14.83	<=34.77	Pass
			13	22.64	-5.60	14.89	<=34.77	Pass
			24	22.53	-5.60	14.78	<=34.77	Pass
		12	0	21.63	-5.60	13.88	<=34.77	Pass
			6	21.66	-5.60	13.91	<=34.77	Pass
			13	21.65	-5.60	13.90	<=34.77	Pass
		25	0	21.63	-5.60	13.88	<=34.77	Pass
16QAM	779.5	1	0	22.37	-5.60	14.62	<=34.77	Pass
			13	22.48	-5.60	14.73	<=34.77	Pass
			24	22.38	-5.60	14.63	<=34.77	Pass
		12	0	21.14	-5.60	13.39	<=34.77	Pass
			6	21.23	-5.60	13.48	<=34.77	Pass
			13	21.15	-5.60	13.40	<=34.77	Pass
		25	0	21.07	-5.60	13.32	<=34.77	Pass
	782	1	0	21.44	-5.60	13.69	<=34.77	Pass
			13	21.59	-5.60	13.84	<=34.77	Pass
			24	21.45	-5.60	13.70	<=34.77	Pass
		12	0	20.73	-5.60	12.98	<=34.77	Pass
			6	20.75	-5.60	13.00	<=34.77	Pass
			13	20.65	-5.60	12.90	<=34.77	Pass
		25	0	20.70	-5.60	12.95	<=34.77	Pass
	784.5	1	0	21.66	-5.60	13.91	<=34.77	Pass
			13	21.79	-5.60	14.04	<=34.77	Pass
			24	21.67	-5.60	13.92	<=34.77	Pass
		12	0	20.70	-5.60	12.95	<=34.77	Pass
			6	20.70	-5.60	12.95	<=34.77	Pass
			13	20.69	-5.60	12.94	<=34.77	Pass
		25	0	20.72	-5.60	12.97	<=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	23.13	-5.60	15.38	<=34.77	Pass
			25	23.27	-5.60	15.52	<=34.77	Pass
			49	23.09	-5.60	15.34	<=34.77	Pass
		25	0	22.14	-5.60	14.39	<=34.77	Pass
			13	22.18	-5.60	14.43	<=34.77	Pass
			25	22.18	-5.60	14.43	<=34.77	Pass
		50	0	22.11	-5.60	14.36	<=34.77	Pass
16QAM	782	1	0	22.51	-5.60	14.76	<=34.77	Pass
			25	22.59	-5.60	14.84	<=34.77	Pass
			49	22.23	-5.60	14.48	<=34.77	Pass
		25	0	20.79	-5.60	13.04	<=34.77	Pass
			13	20.90	-5.60	13.15	<=34.77	Pass
			25	20.91	-5.60	13.16	<=34.77	Pass
		50	0	20.72	-5.60	12.97	<=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	-6.766	-0.0087	-2.5 to 2.5	Pass
					3.85	-7.882	-0.0101	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-8.669	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-7.653	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-7.210	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-8.569	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-4.334	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0081	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-10.157	-0.0130	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0082	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-6.752	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-8.082	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-5.822	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-11.086	-0.0142	-2.5 to 2.5	Pass
				50	3.85	-9.899	-0.0127	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-7.625	-0.0097	-2.5 to 2.5	Pass
					3.85	-7.153	-0.0091	-2.5 to 2.5	Pass
					4.43	-11.430	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-11.959	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-7.153	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-8.125	-0.0104	-2.5 to 2.5	Pass

				10	3.85	-7.381	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-11.501	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-5.279	-0.0067	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-4.234	-0.0054	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0060	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-3.376	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-5.836	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-6.866	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-11.830	-0.0152	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-6.666	-0.0086	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-5.193	-0.0066	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0055	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-4.821	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-7.997	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-8.440	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-6.351	-0.0081	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-5.608	-0.0071	-2.5 to 2.5	Pass
					3.85	-9.842	-0.0125	-2.5 to 2.5	Pass
					4.43	-3.619	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-2.975	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.638	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-6.294	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-10.543	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-7.052	-0.0090	-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	-7.696	-0.0098	-2.5 to 2.5	Pass
					3.85	-6.738	-0.0086	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-4.635	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-6.537	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-7.725	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-9.756	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-4.964	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-6.452	-0.0083	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-6.552	-0.0084	-2.5 to 2.5	Pass
					3.85	-5.436	-0.0070	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0096	-2.5 to 2.5	Pass

				-30	3.85	-3.905	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-5.593	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-9.699	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-4.535	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-6.566	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-6.208	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-5.021	-0.0064	-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

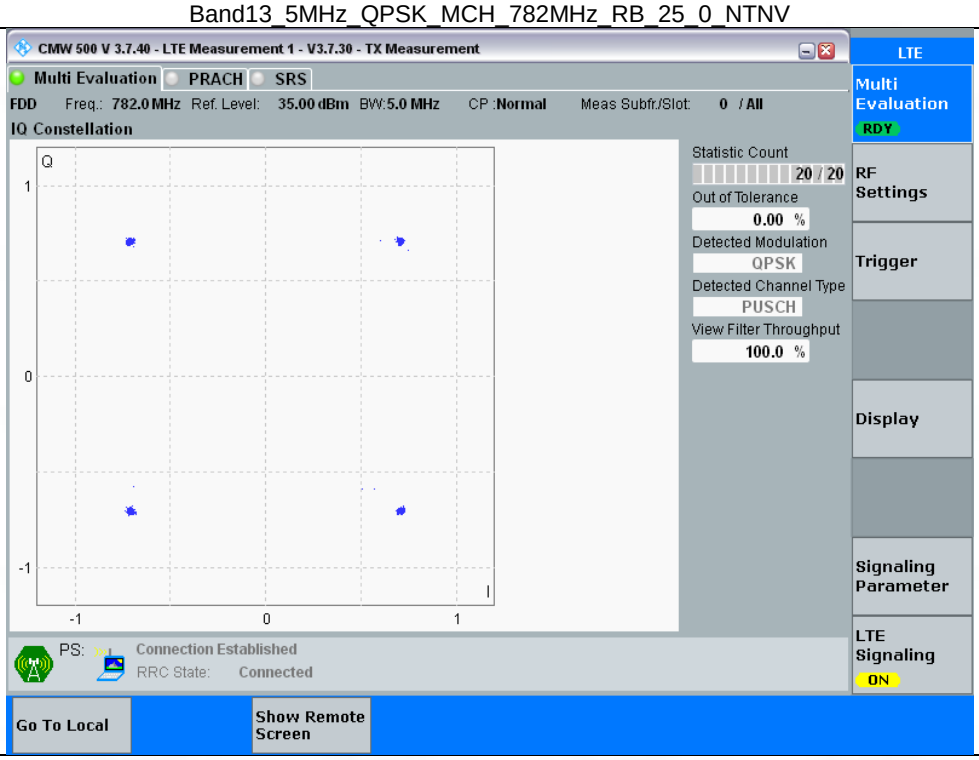
3.1.2 B13_10MHz

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

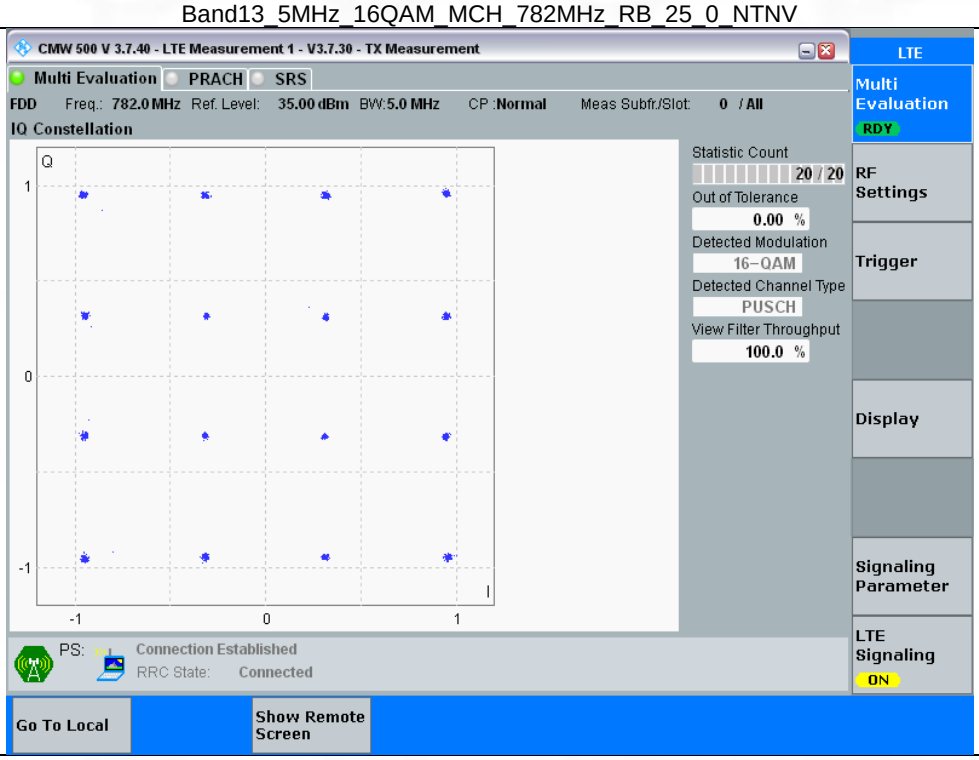
3.2 Test Graph

3.2.1 B13_5MHz

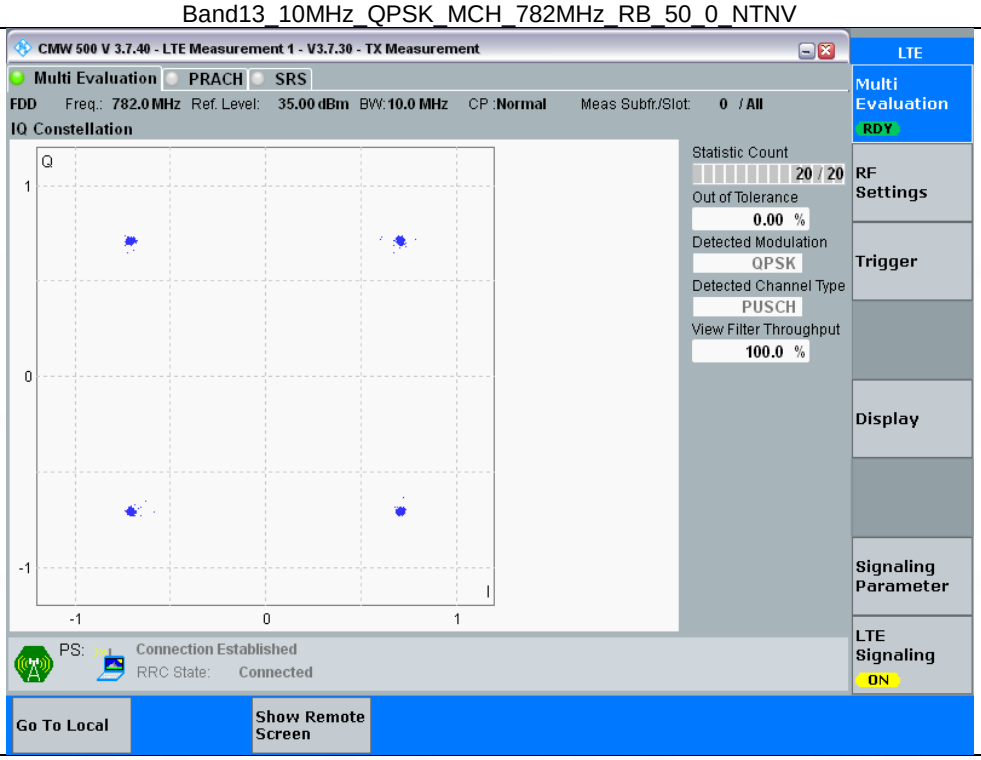
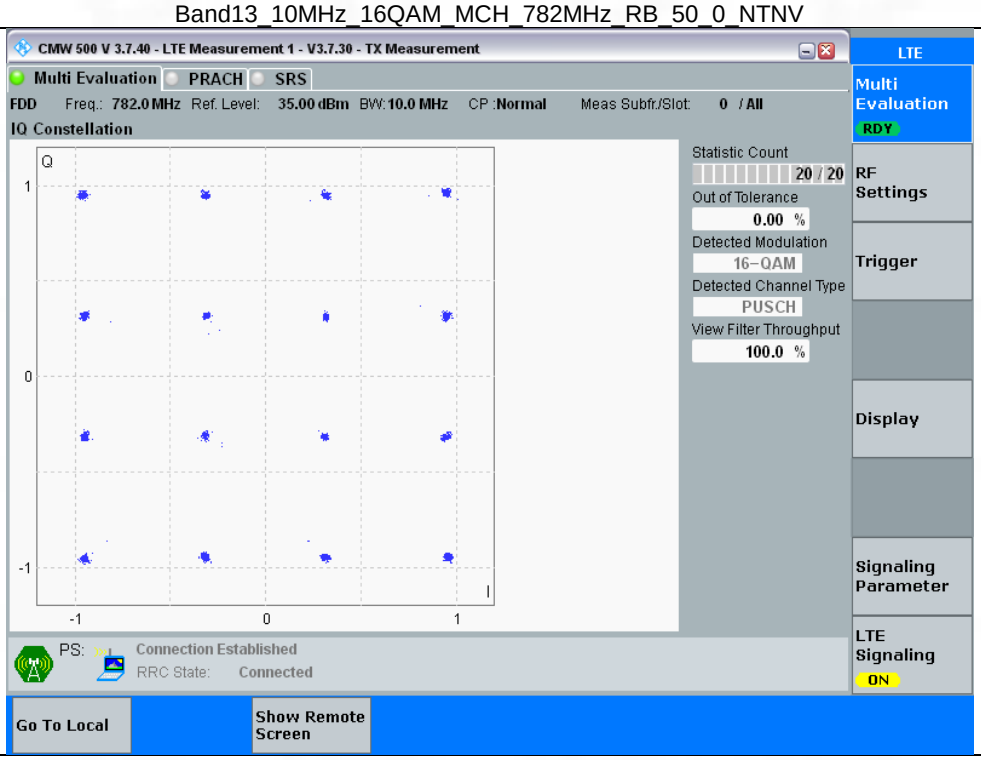
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



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	4.552	/	Pass
		782	25	0	4.581	/	Pass
		784.5	25	0	4.570	/	Pass
	16QAM	779.5	25	0	4.579	/	Pass
		782	25	0	4.567	/	Pass
		784.5	25	0	4.566	/	Pass
10	QPSK	782	50	0	9.049	/	Pass
	16QAM	782	50	0	9.062	/	Pass

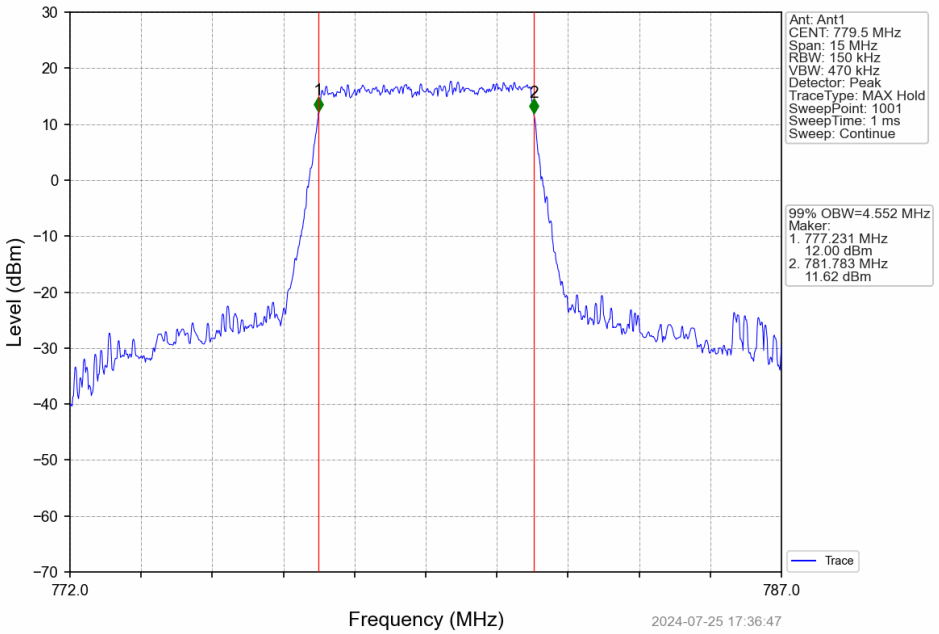
4.1.2 Band13_XDB

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.250	/	Pass
		782	25	0	5.256	/	Pass
		784.5	25	0	5.242	/	Pass
	16QAM	779.5	25	0	5.308	/	Pass
		782	25	0	5.240	/	Pass
		784.5	25	0	5.257	/	Pass
10	QPSK	782	50	0	10.189	/	Pass
	16QAM	782	50	0	10.184	/	Pass

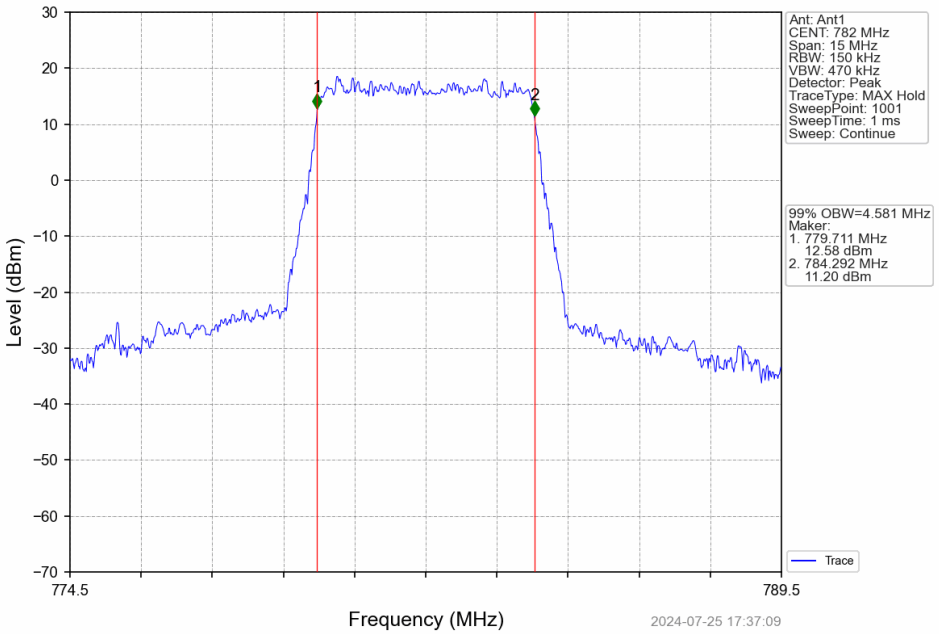
4.2 Test Graph

4.2.1 Band13_OBW

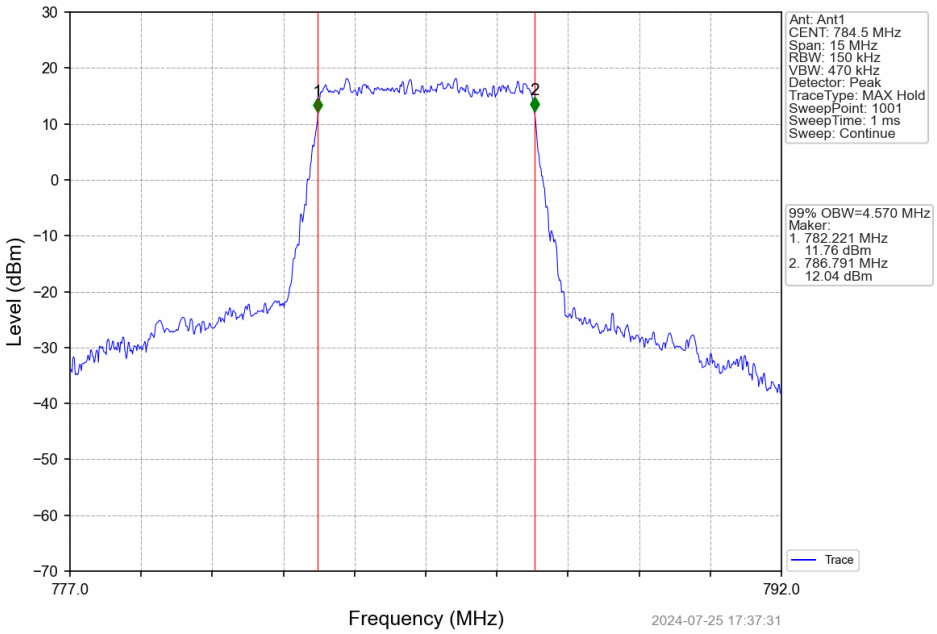
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



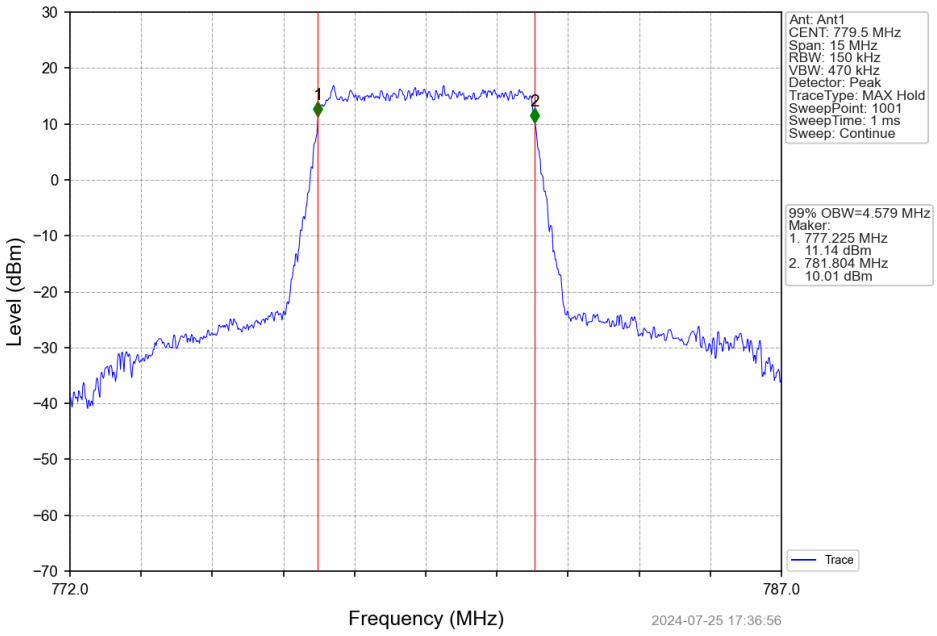
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



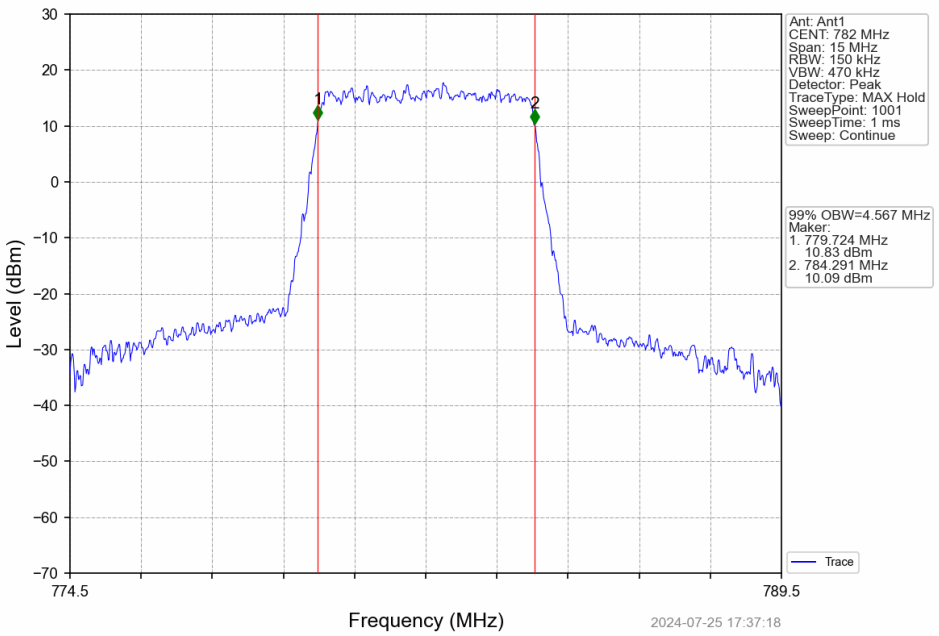
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



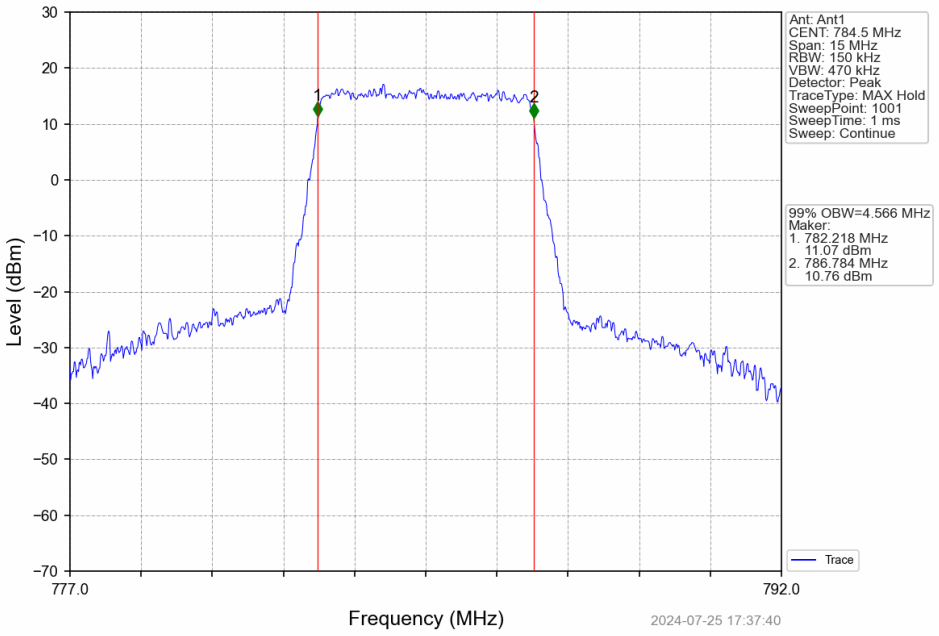
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



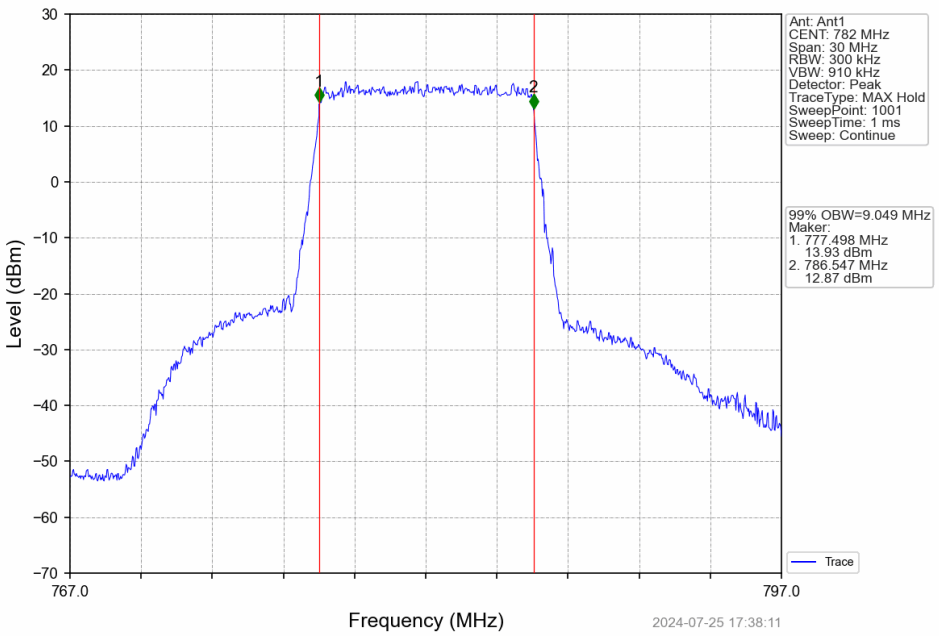
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



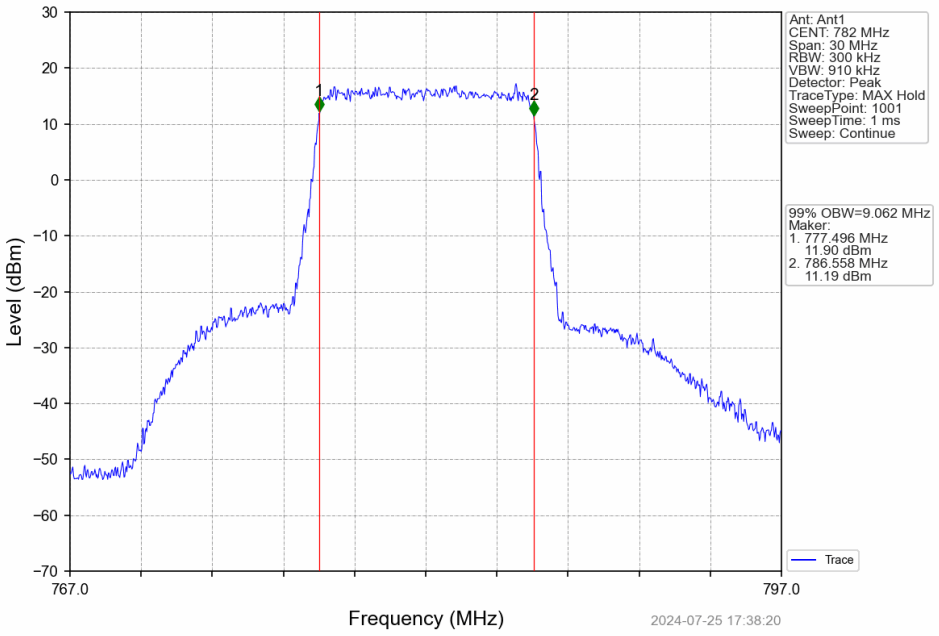
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV

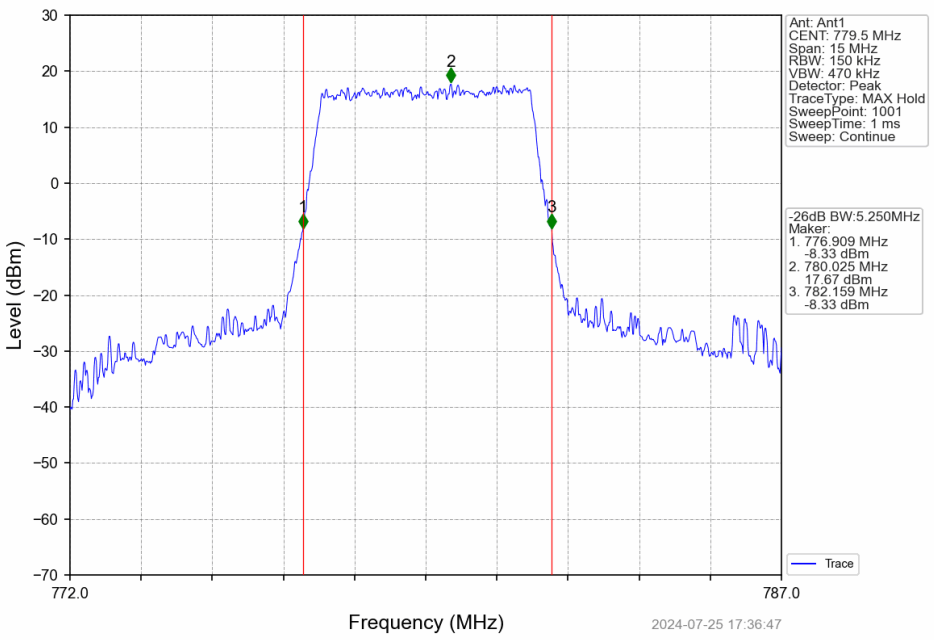


Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

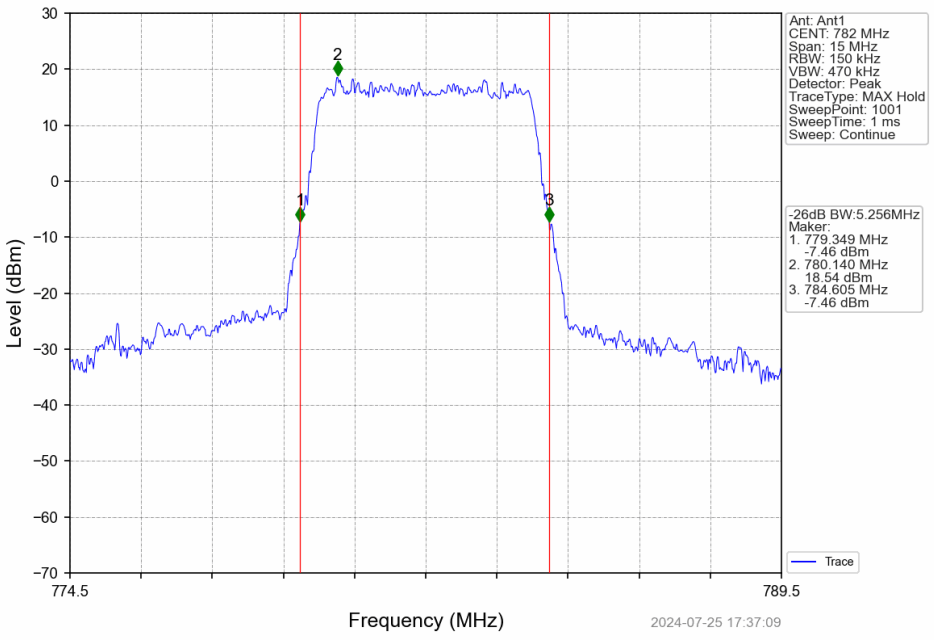


4.2.2 Band13_XDB

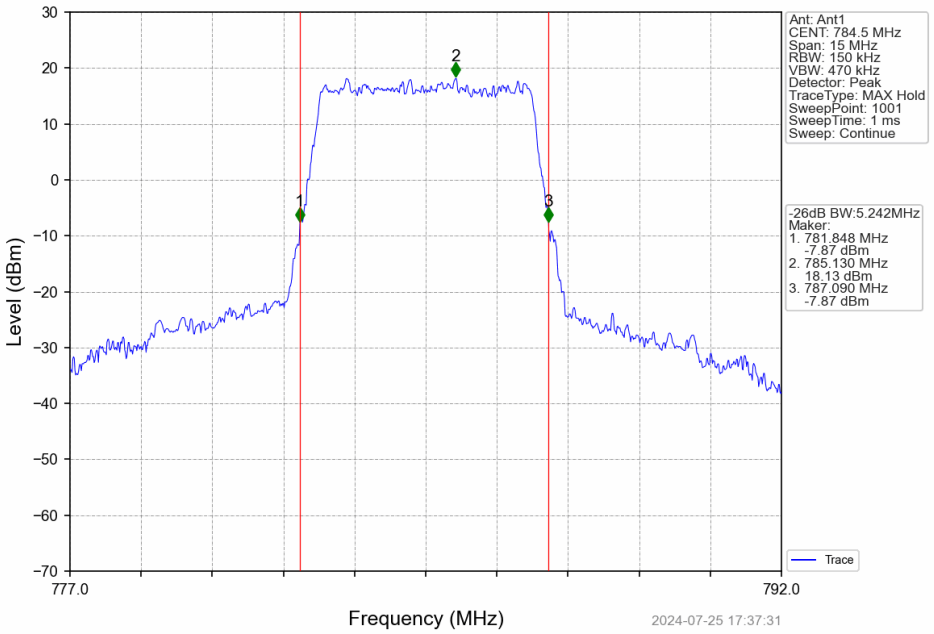
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



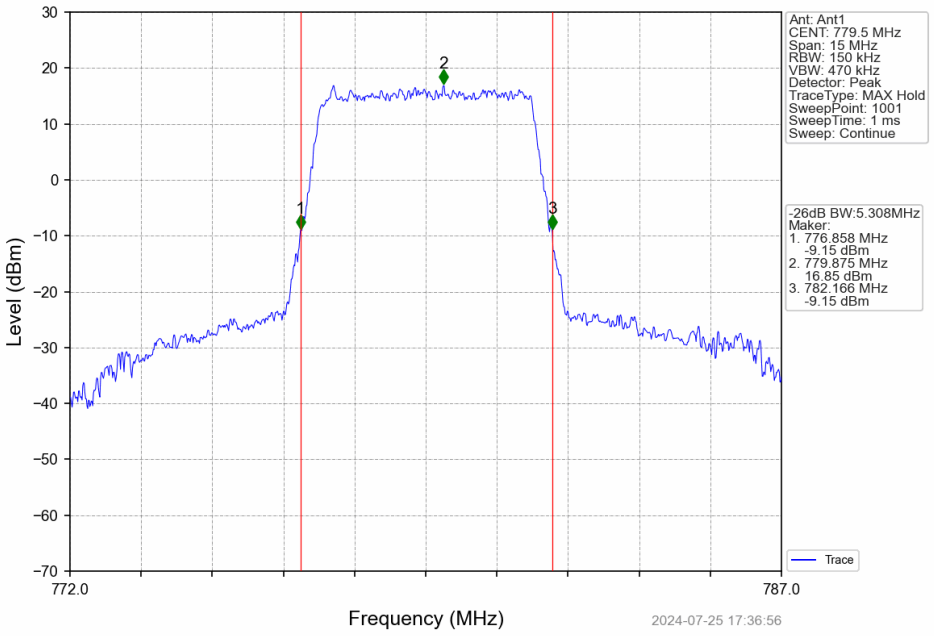
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



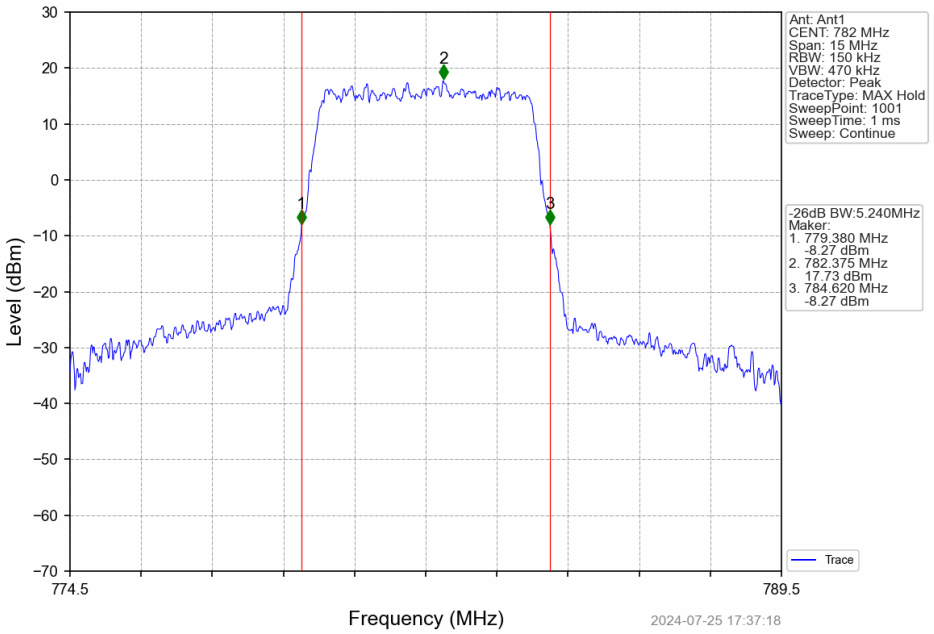
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



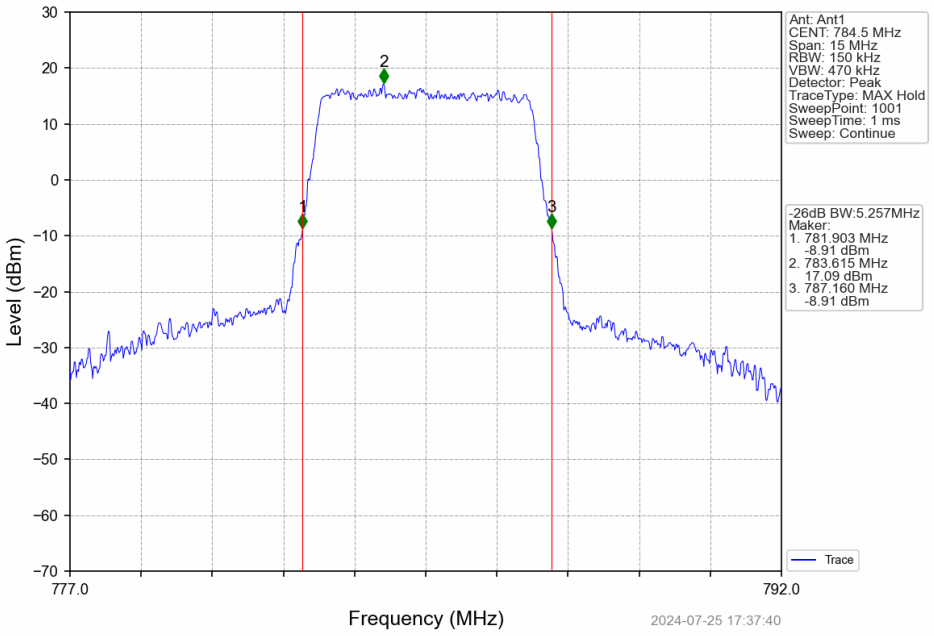
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



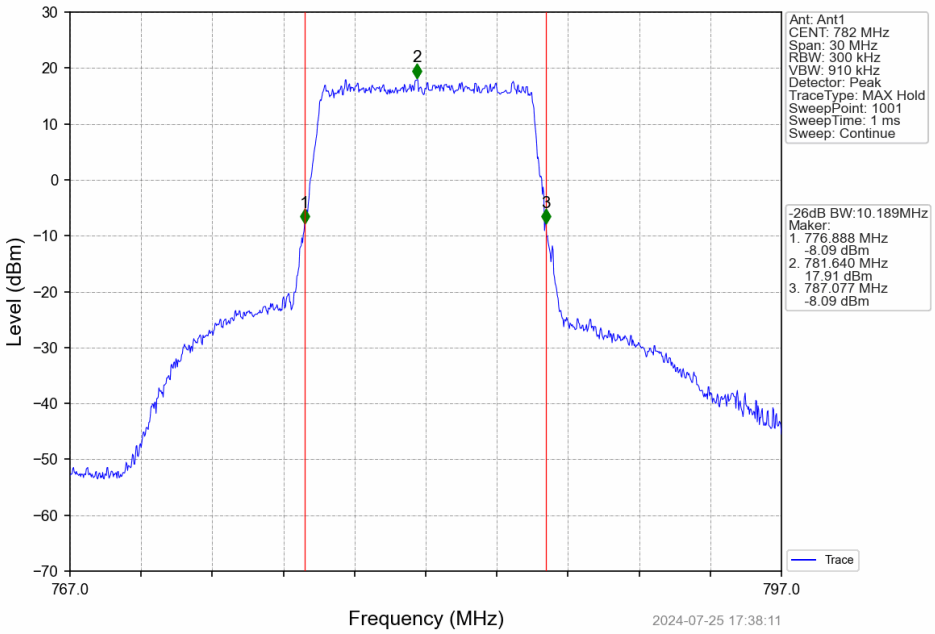
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



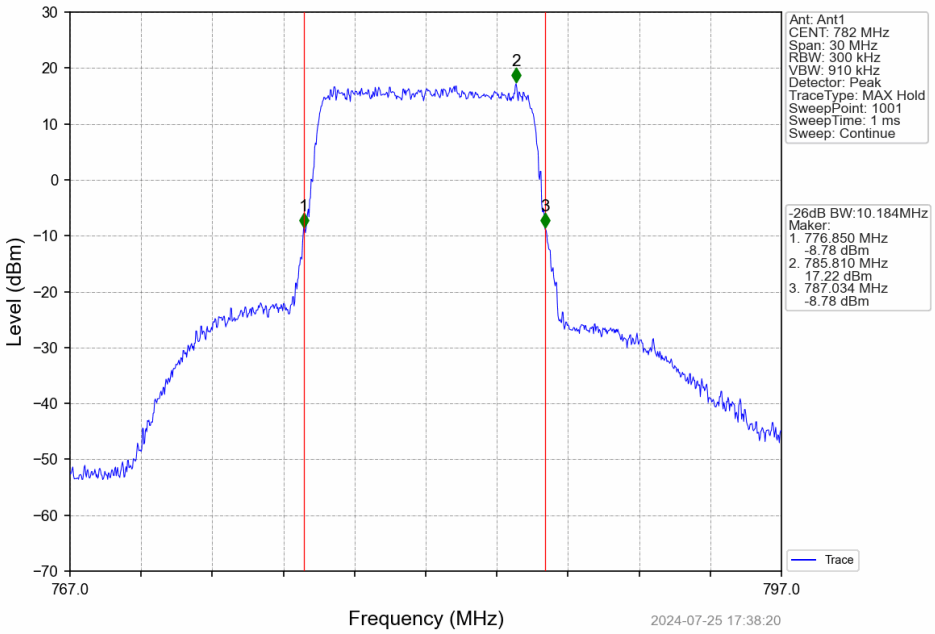
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.87	<=13	Pass
	782	25	0	5.86	<=13	Pass
	784.5	25	0	5.86	<=13	Pass
16QAM	779.5	25	0	6.55	<=13	Pass
	782	25	0	6.53	<=13	Pass
	784.5	25	0	6.59	<=13	Pass

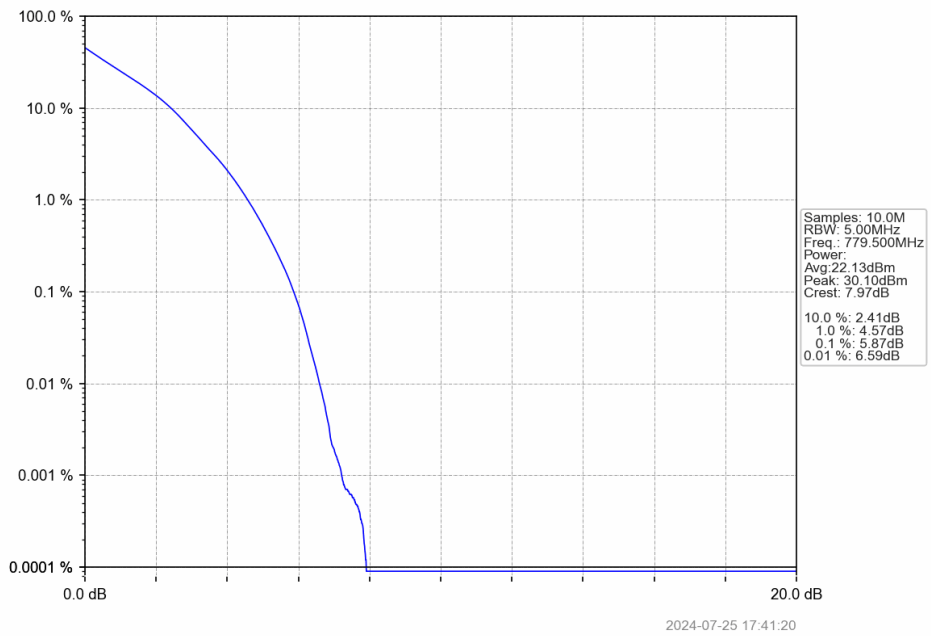
5.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.76	<=13	Pass
16QAM	782	50	0	6.55	<=13	Pass

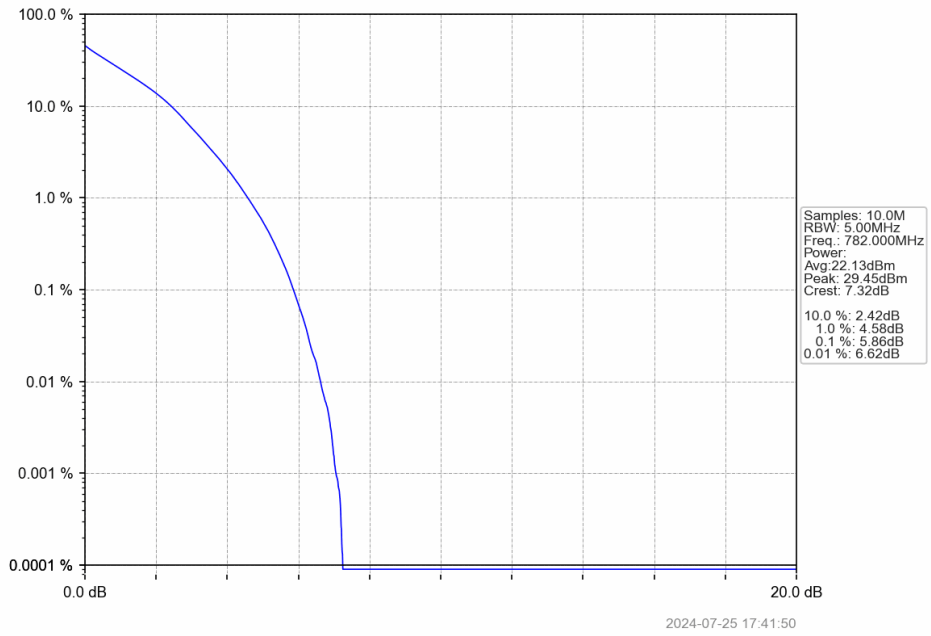
5.2 Test Graph

5.2.1 B13_5MHz

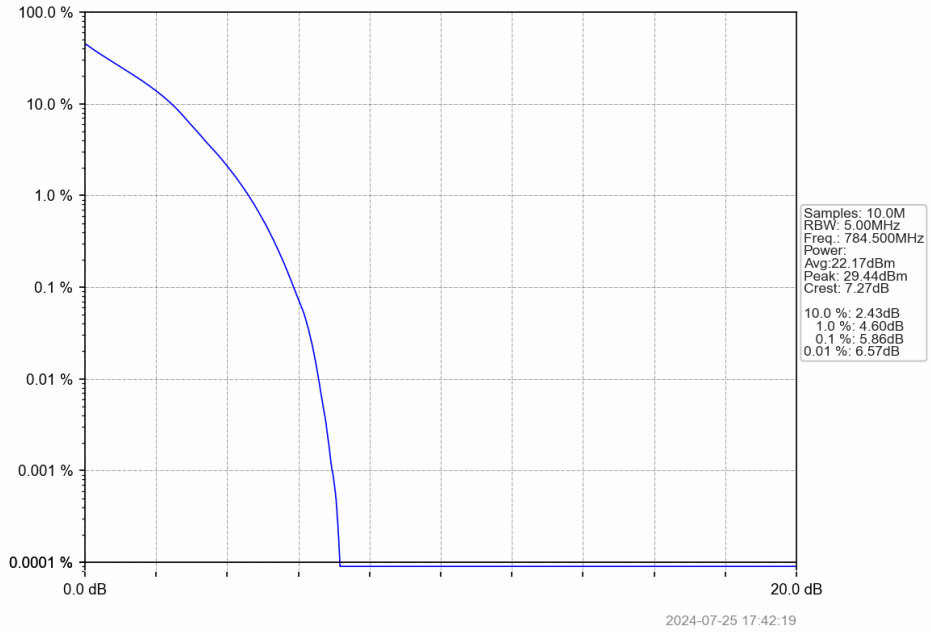
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



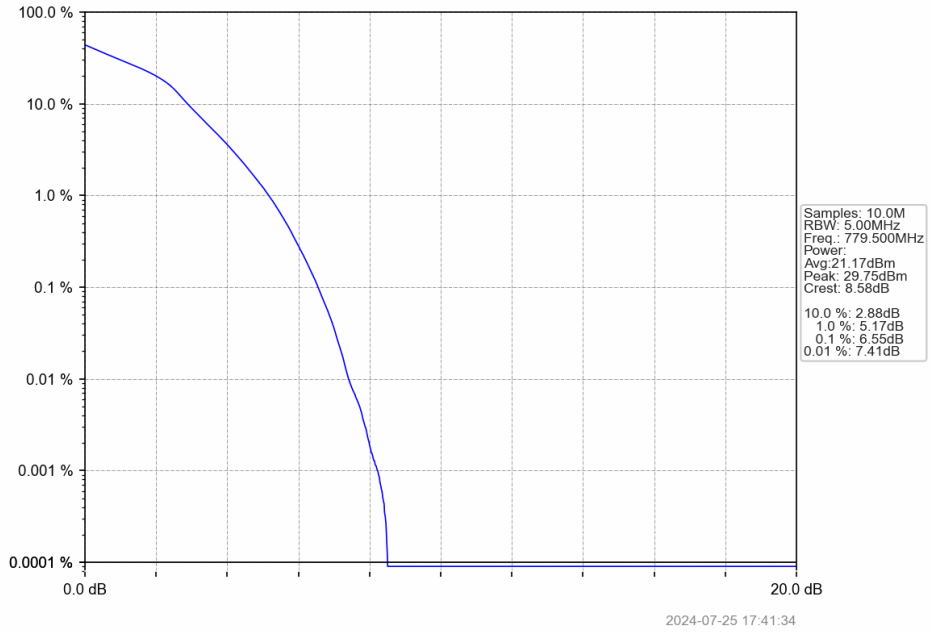
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



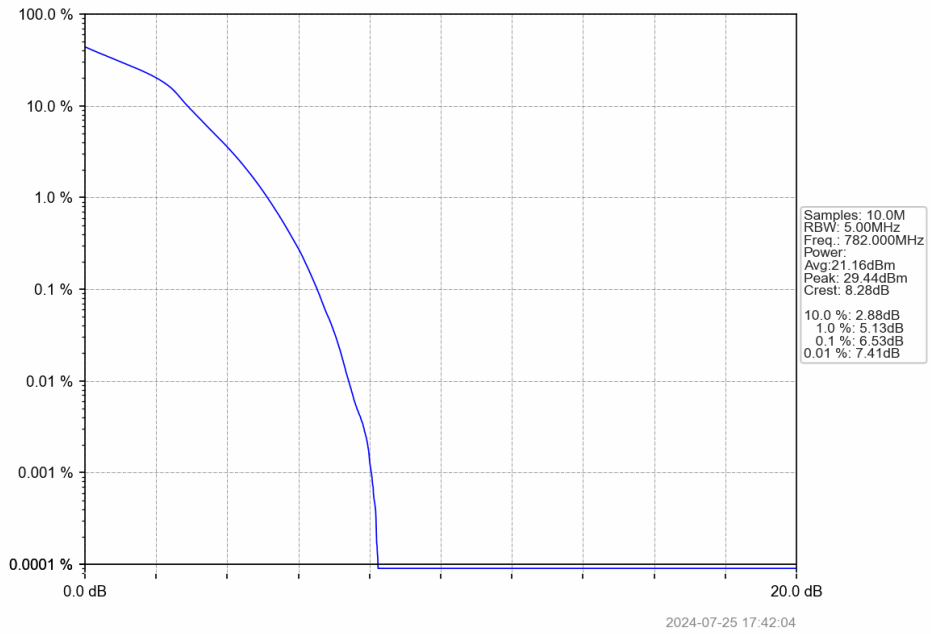
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



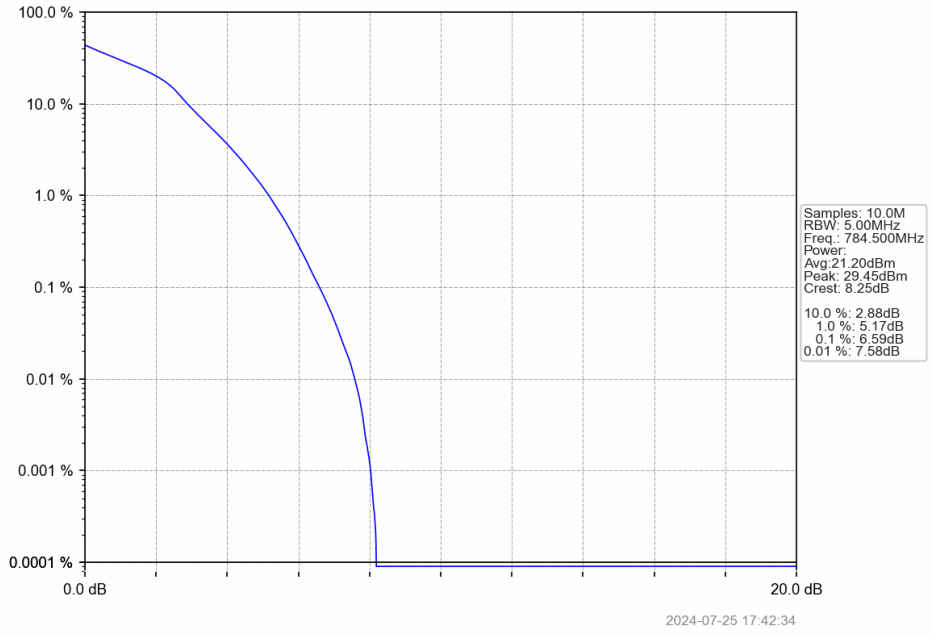
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV

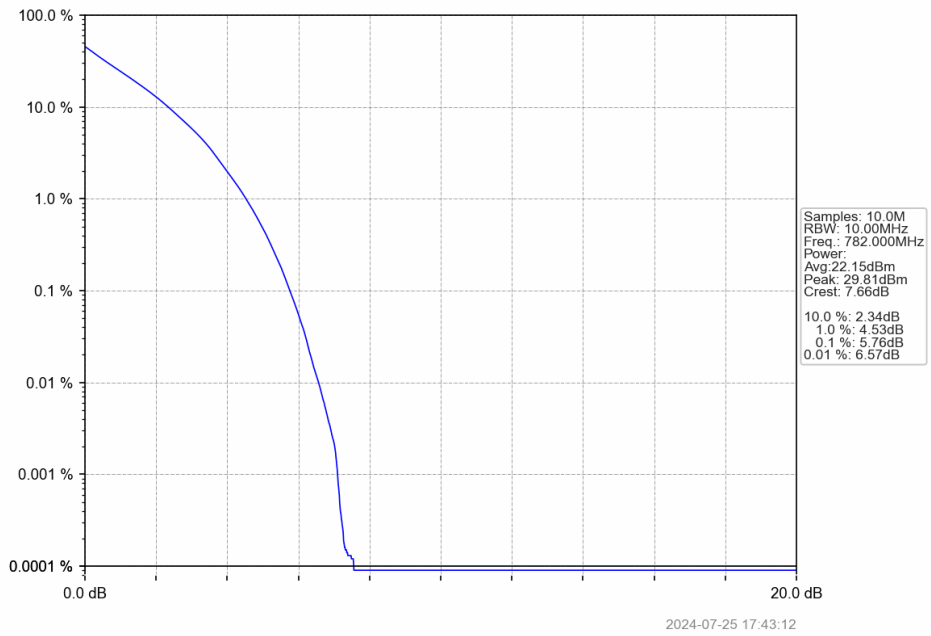


Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

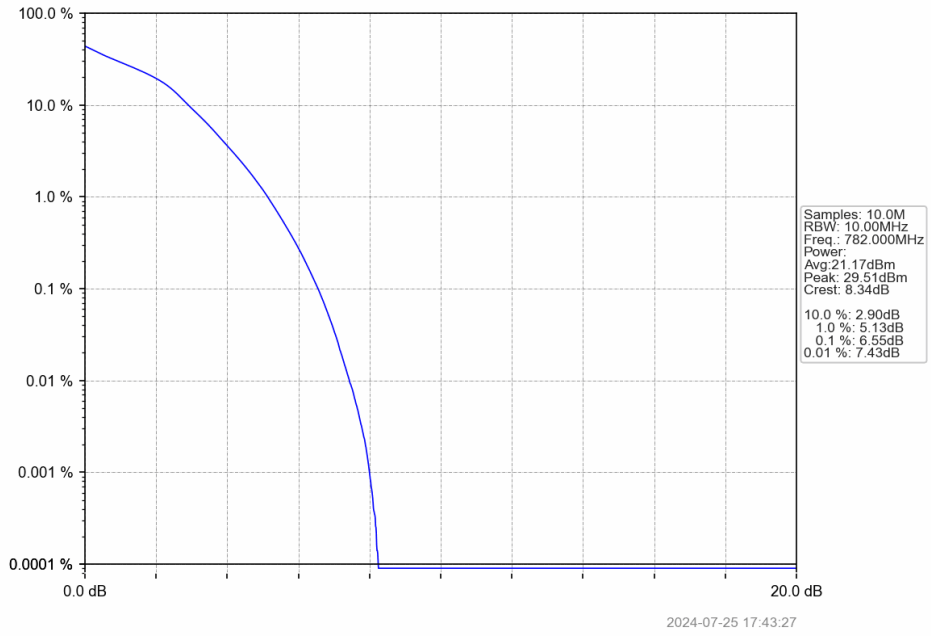


5.2.2 B13_10MHz

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

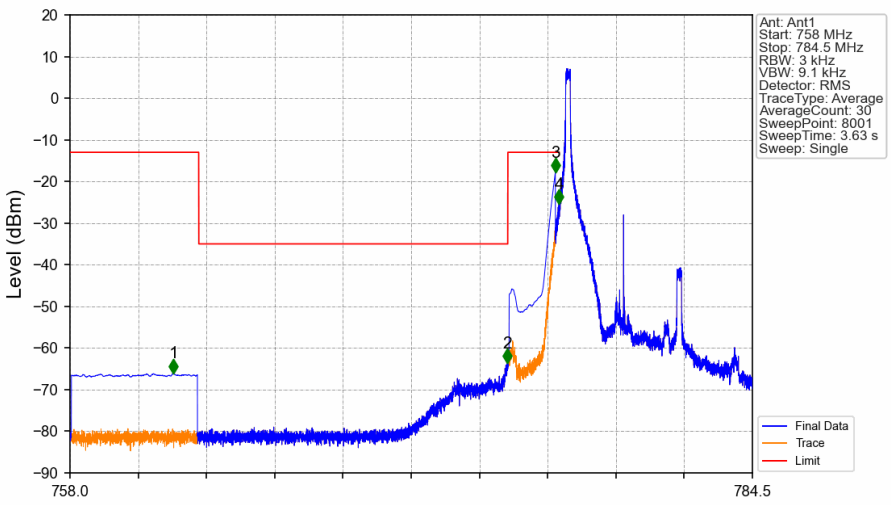
6.1.2 B13_10MHz

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

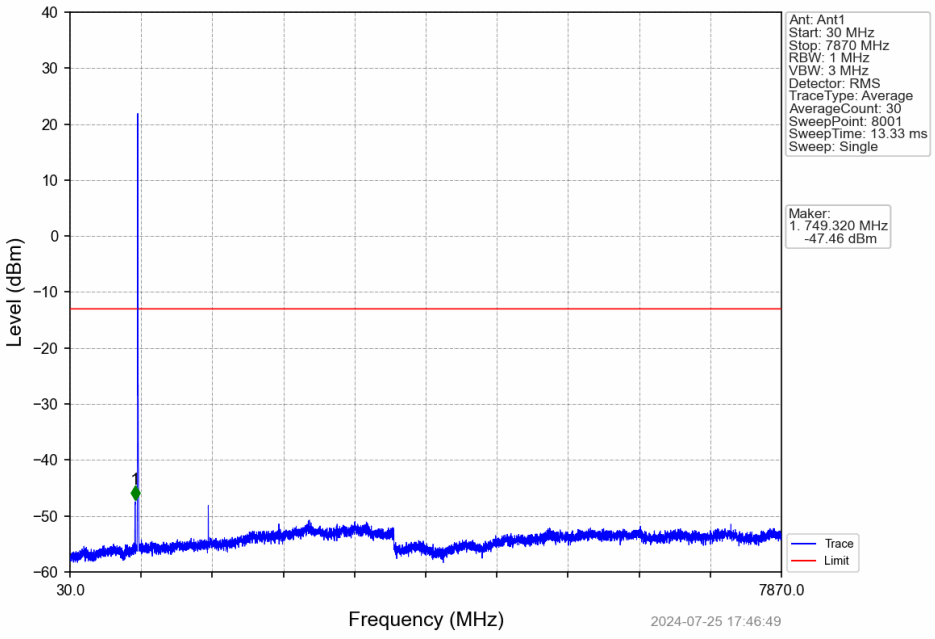
6.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

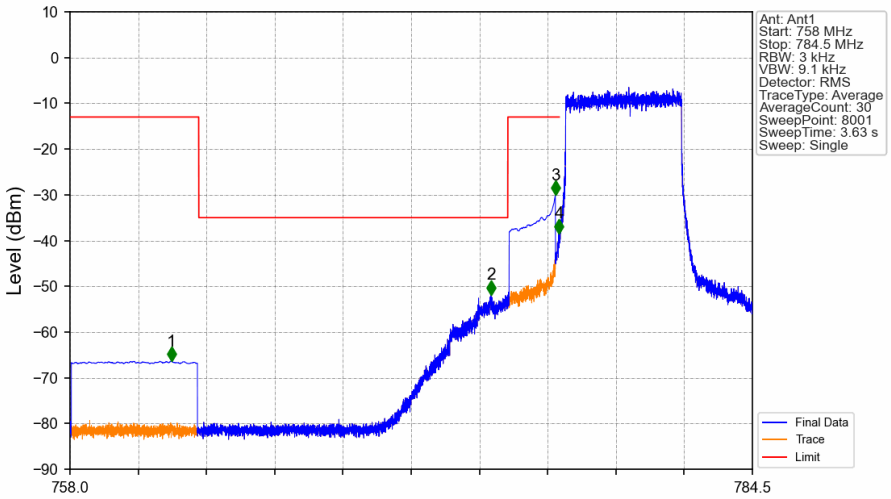


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.025	-66.04	-13	Pass
763	775	0.00625	/	2	774.983	-63.55	-35	Pass
775	776.9	0.1	CHP	3	776.848	-17.88	-13	Pass
776.9	777	0.03	/	4	776.987	-25.43	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

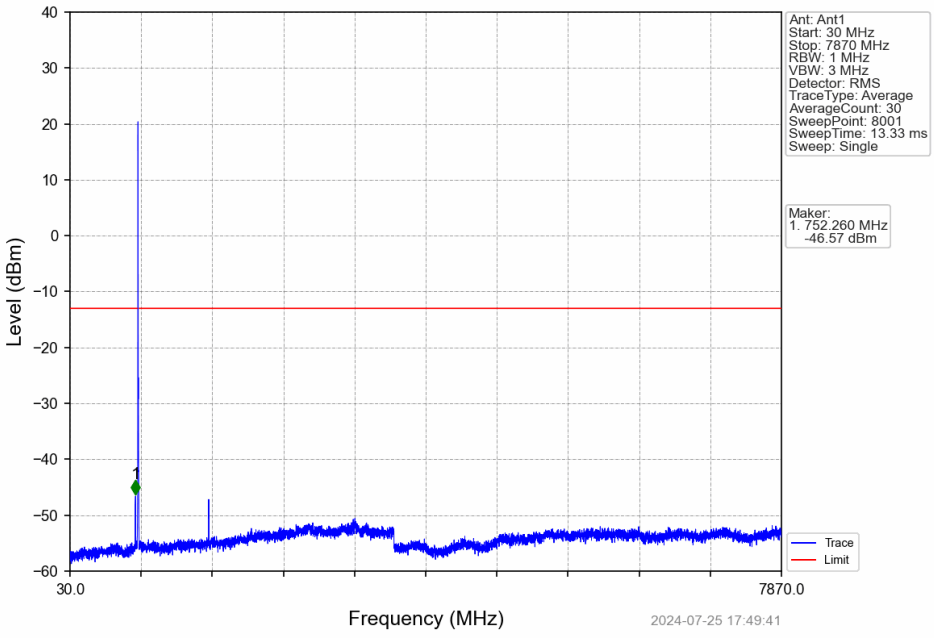


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

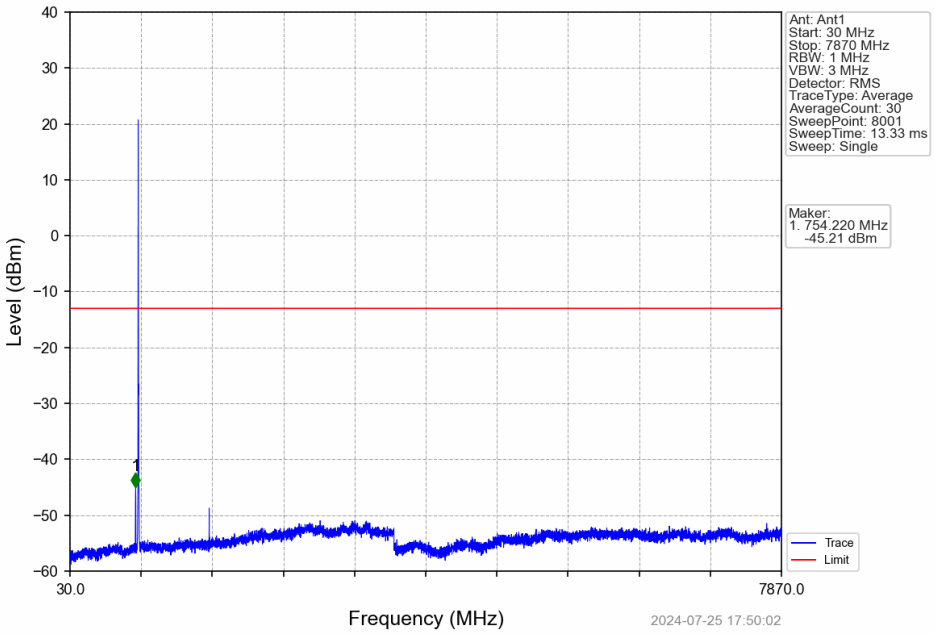


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.942	-66.36	-13	Pass
763	775	0.00625	/	2	774.347	-51.83	-35	Pass
775	776.9	0.1	CHP	3	776.848	-30.02	-13	Pass
776.9	777	0.03	/	4	776.997	-38.42	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

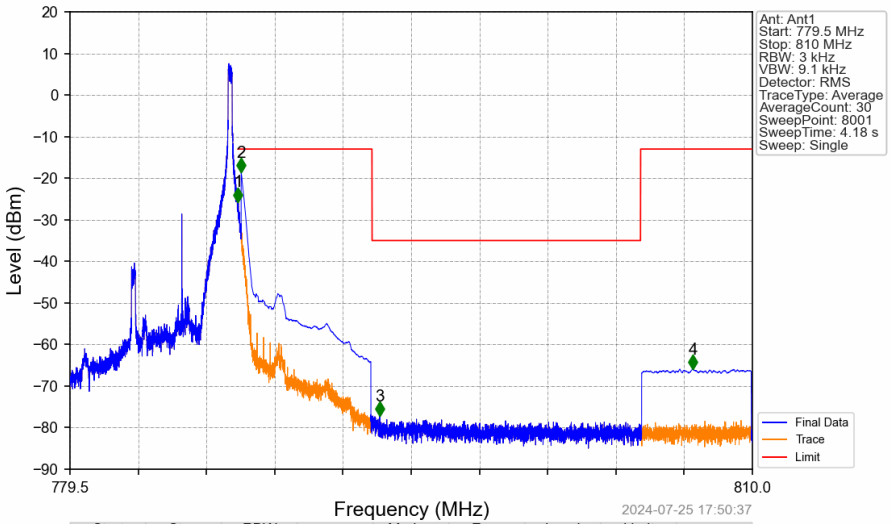
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

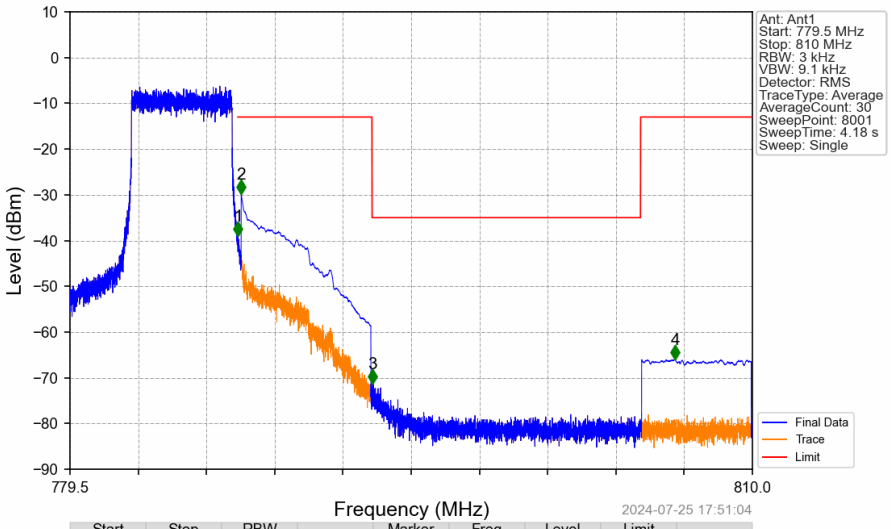


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



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	-25.69	-13	Pass
787.1	793	0.1	CHP	2	787.152	-18.61	-13	Pass
793	805	0.00625	/	3	793.343	-77.16	-35	Pass
805	810	0.1	CHP	4	807.335	-65.90	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



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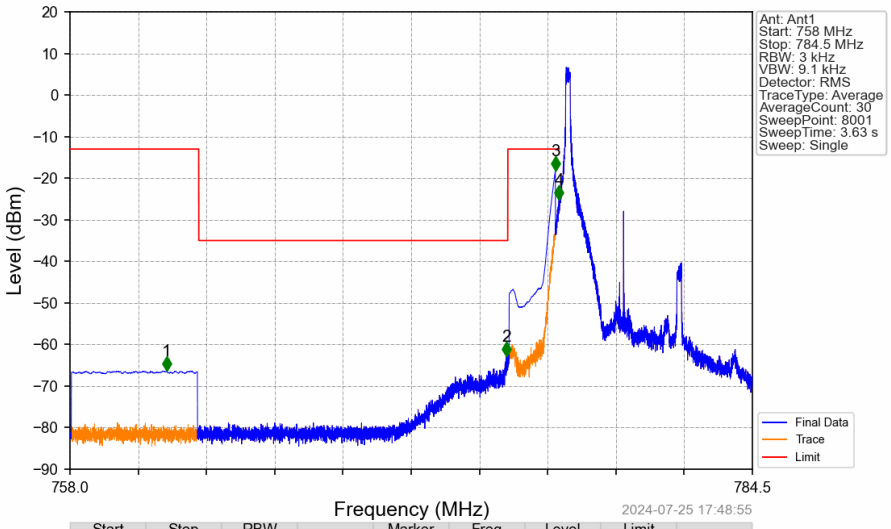
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.014	-39.10	-13	Pass
787.1	793	0.1	CHP	2	787.152	-29.93	-13	Pass
793	805	0.00625	/	3	793.027	-71.33	-35	Pass
805	810	0.1	CHP	4	806.546	-66.00	-13	Pass

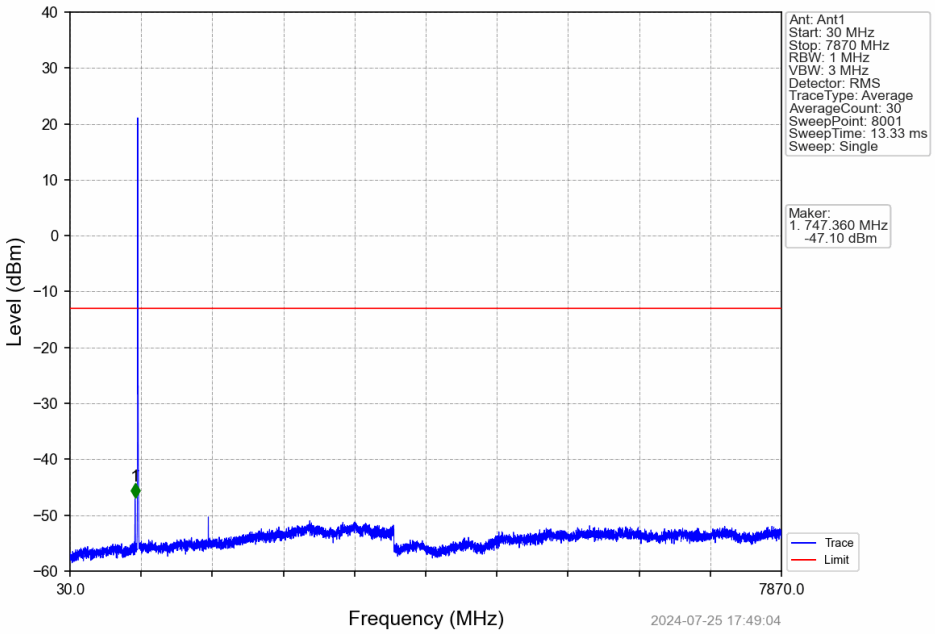
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



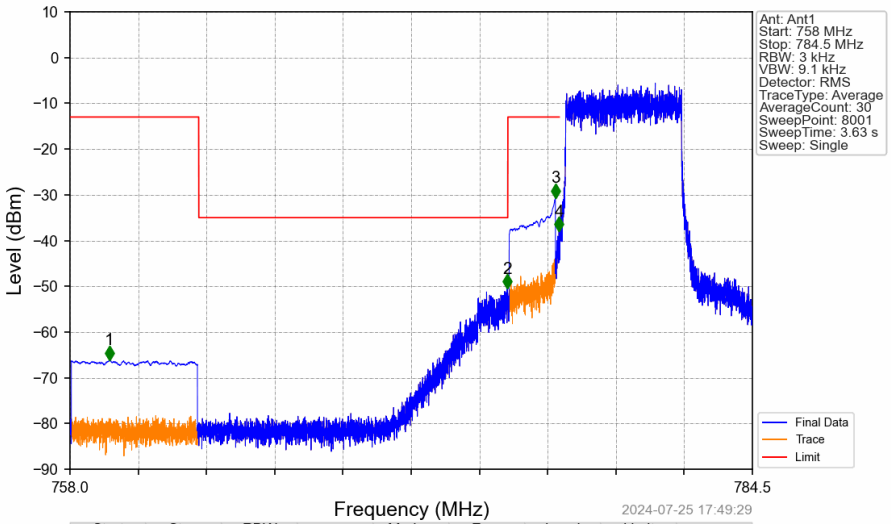
2024-07-25 17:48:55

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.756	-66.38	-13	Pass
763	775	0.00625	/	2	774.943	-62.79	-35	Pass
775	776.9	0.1	CHP	3	776.848	-18.16	-13	Pass
776.9	777	0.03	/	4	776.987	-25.27	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

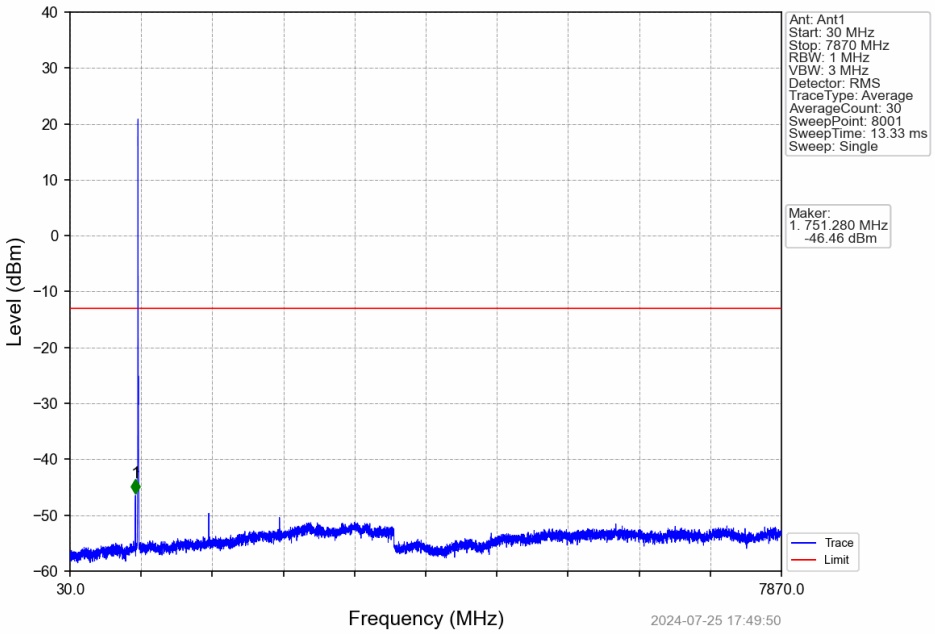


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

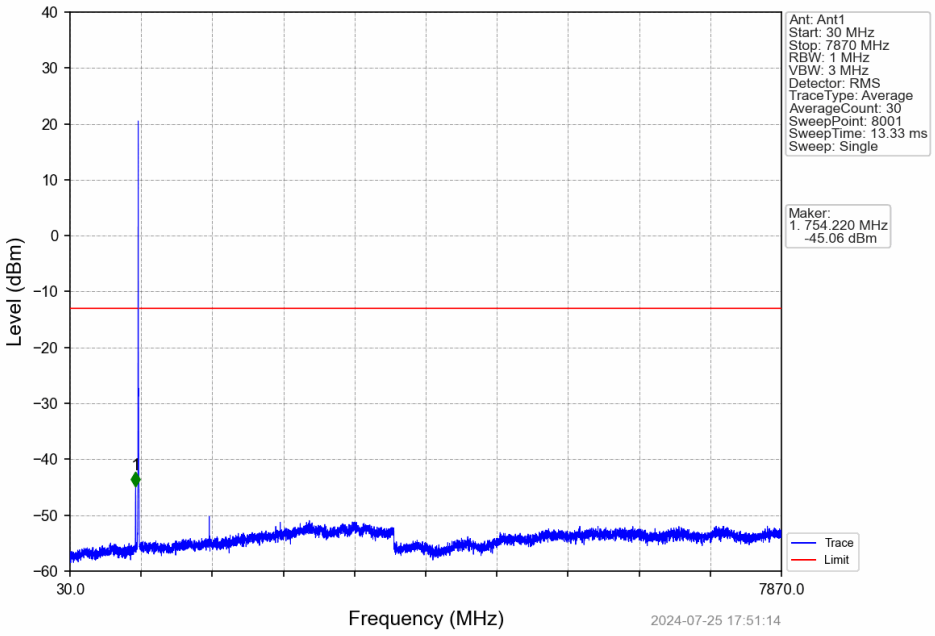


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.527	-66.12	-13	Pass
763	775	0.00625	/	2	774.977	-50.44	-35	Pass
775	776.9	0.1	CHP	3	776.848	-30.65	-13	Pass
776.9	777	0.03	/	4	776.991	-37.99	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

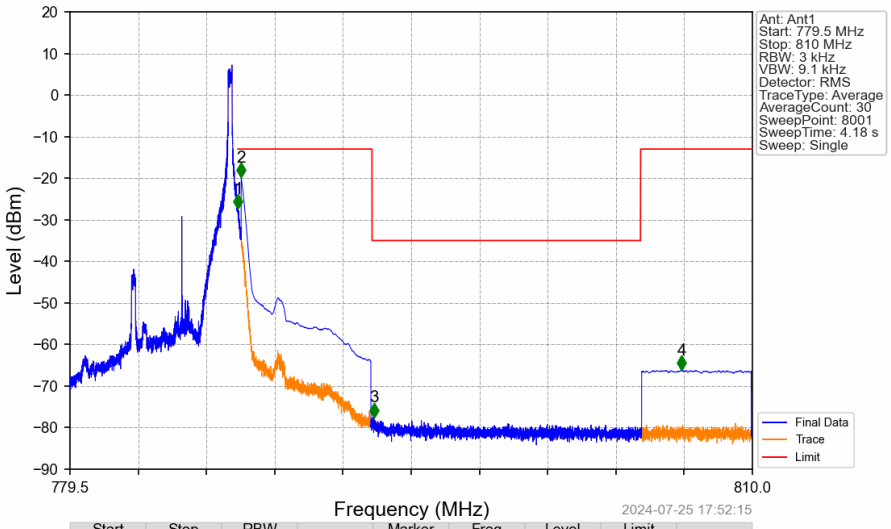
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

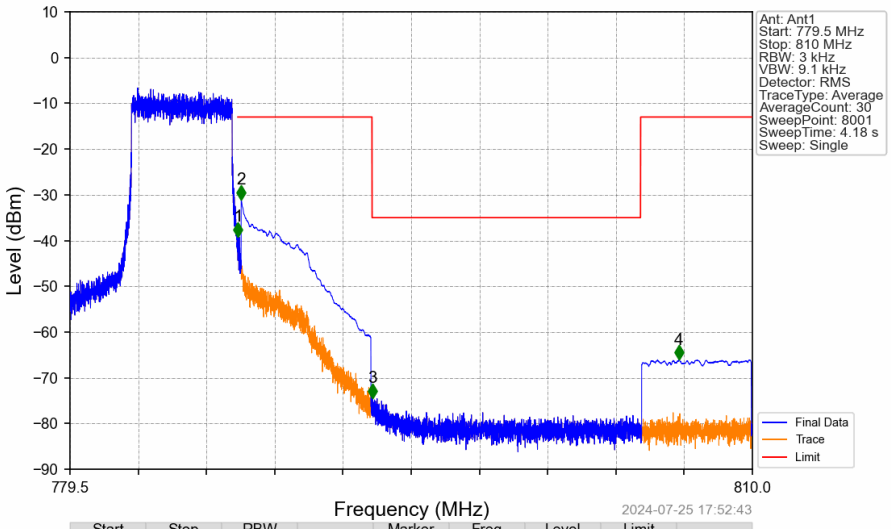


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.007	-27.35	-13	Pass
787.1	793	0.1	CHP	2	787.152	-19.83	-13	Pass
793	805	0.00625	/	3	793.080	-77.51	-35	Pass
805	810	0.1	CHP	4	806.843	-66.22	-13	Pass

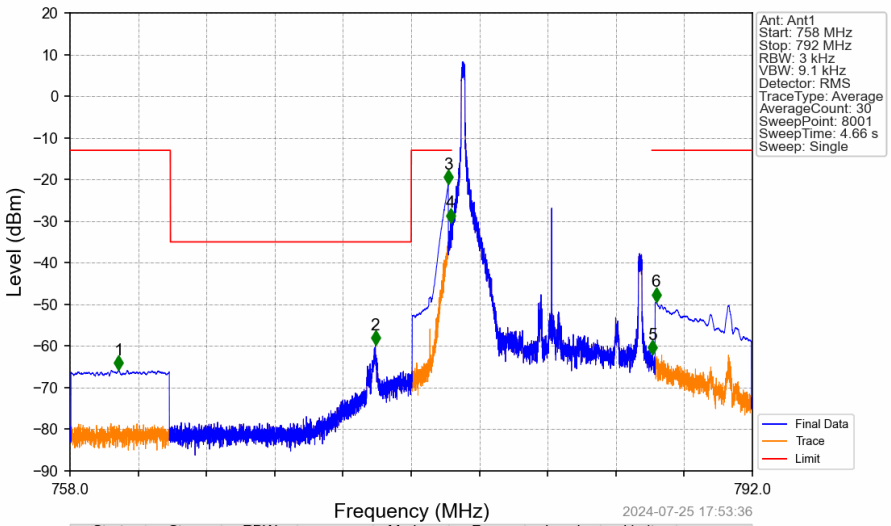
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.011	-39.14	-13	Pass
787.1	793	0.1	CHP	2	787.152	-31.03	-13	Pass
793	805	0.00625	/	3	793.027	-74.39	-35	Pass
805	810	0.1	CHP	4	806.721	-66.02	-13	Pass

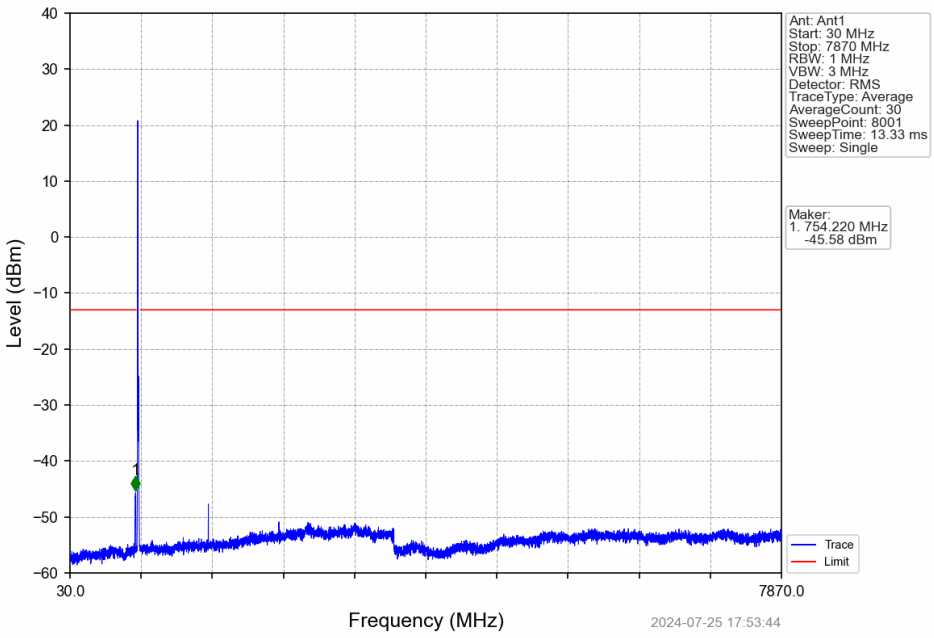
6.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

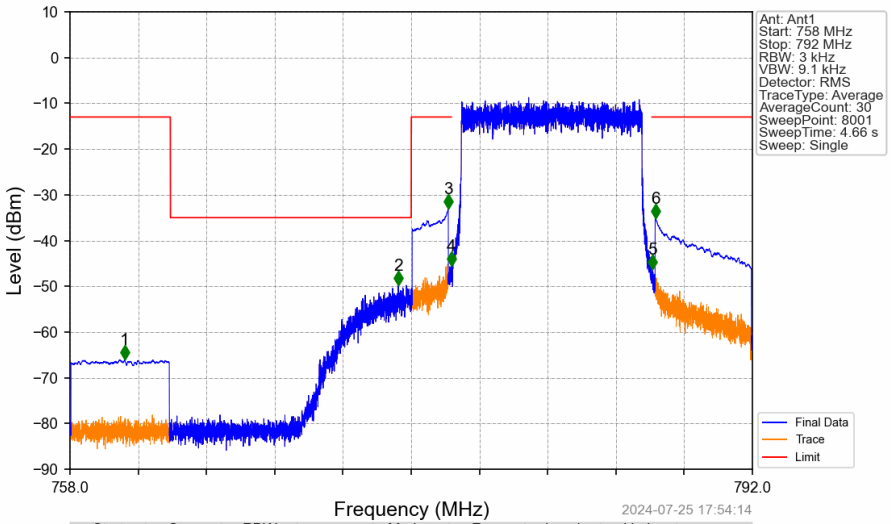


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.431	-65.80	-13	Pass
763	775	0.00625	/	2	773.215	-59.82	-35	Pass
775	776.9	0.1	CHP	3	776.849	-21.17	-13	Pass
776.9	777	0.03	/	4	776.959	-30.35	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.010	-62.05	-13	Pass
787.1	792	0.1	CHP	6	787.197	-49.36	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

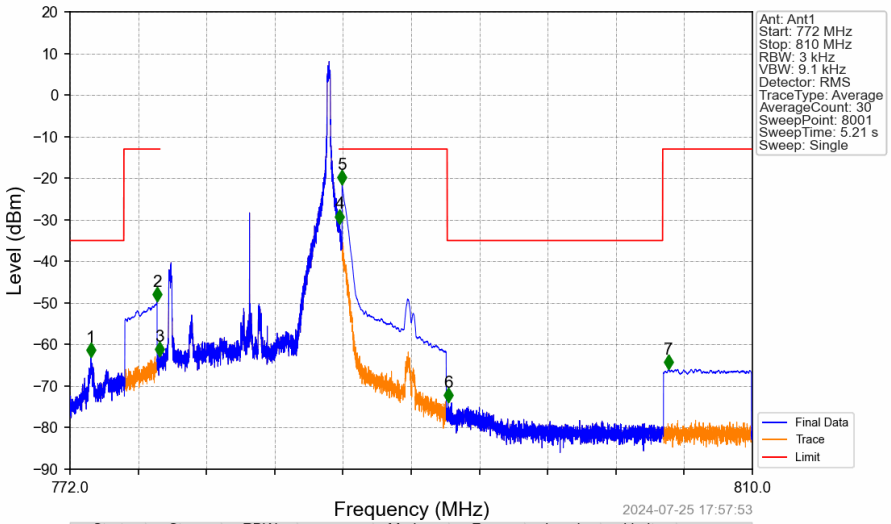


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



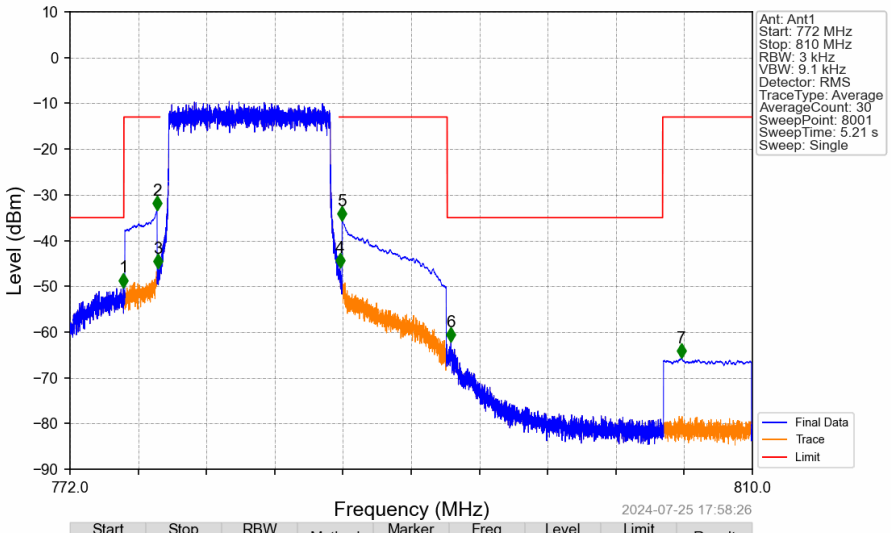
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.720	-65.98	-13	Pass
763	775	0.00625	/	2	774.354	-49.76	-35	Pass
775	776.9	0.1	CHP	3	776.849	-33.06	-13	Pass
776.9	777	0.03	/	4	776.997	-45.61	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.028	-46.34	-13	Pass
787.1	792	0.1	CHP	6	787.163	-35.10	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



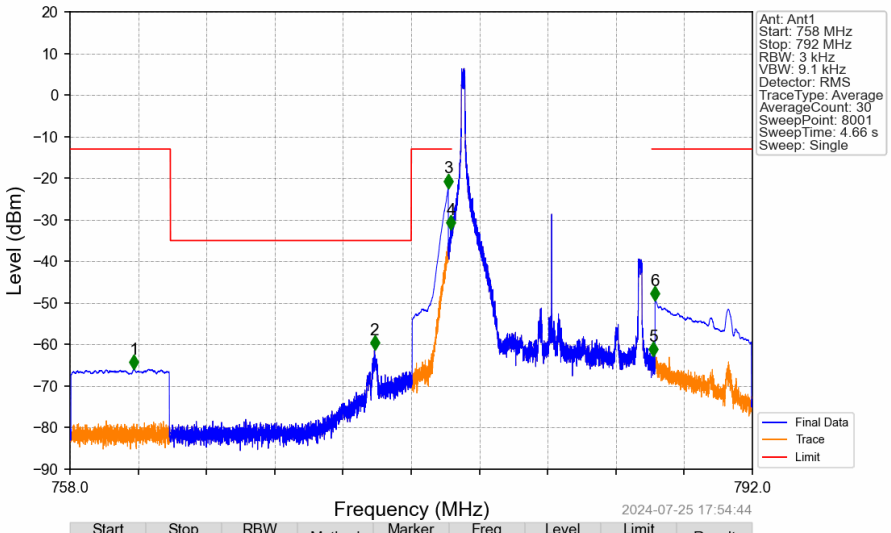
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-62.99	-35	Pass
775	776.9	0.1	CHP	2	776.850	-49.69	-13	Pass
776.9	777	0.03	/	3	776.997	-62.85	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.024	-30.93	-13	Pass
787.1	793	0.1	CHP	5	787.153	-21.55	-13	Pass
793	805	0.00625	/	6	793.047	-73.98	-35	Pass
805	810	0.1	CHP	7	805.336	-65.95	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



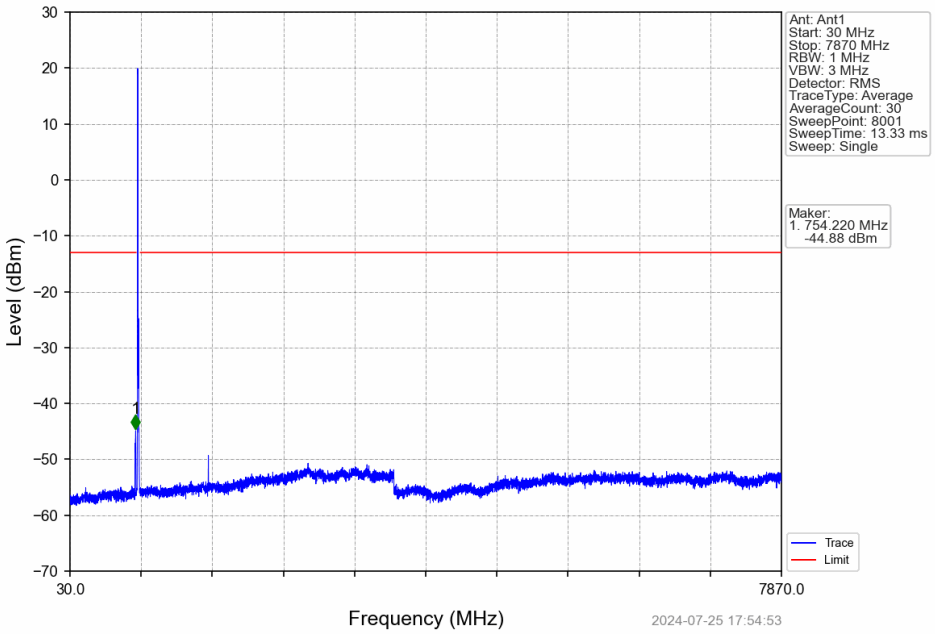
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.973	-50.25	-35	Pass
775	776.9	0.1	CHP	2	776.840	-33.35	-13	Pass
776.9	777	0.03	/	3	776.907	-46.12	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.029	-45.96	-13	Pass
787.1	793	0.1	CHP	5	787.153	-35.72	-13	Pass
793	805	0.00625	/	6	793.213	-62.19	-35	Pass
805	810	0.1	CHP	7	806.038	-65.73	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

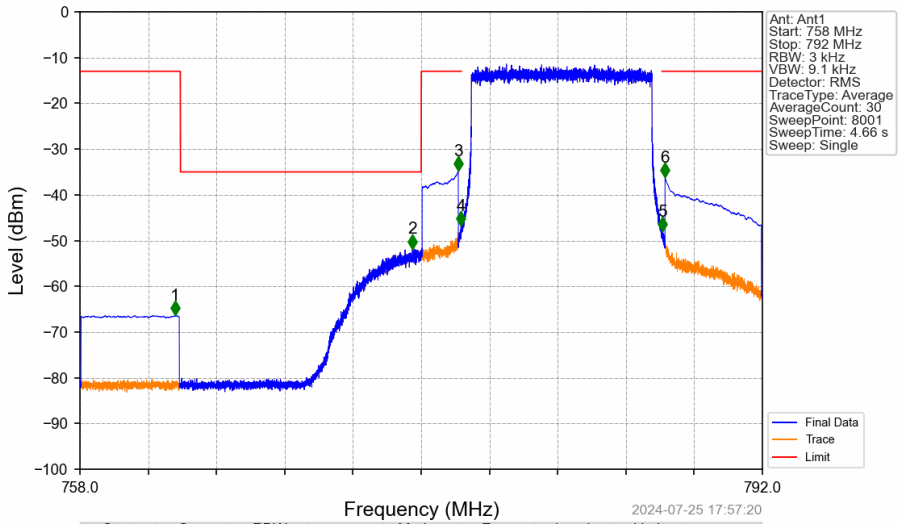


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.192	-65.95	-13	Pass
763	775	0.00625	/	2	773.177	-61.31	-35	Pass
775	776.9	0.1	CHP	3	776.849	-22.39	-13	Pass
776.9	777	0.03	/	4	776.972	-32.36	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.057	-62.92	-13	Pass
787.1	792	0.1	CHP	6	787.151	-49.51	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

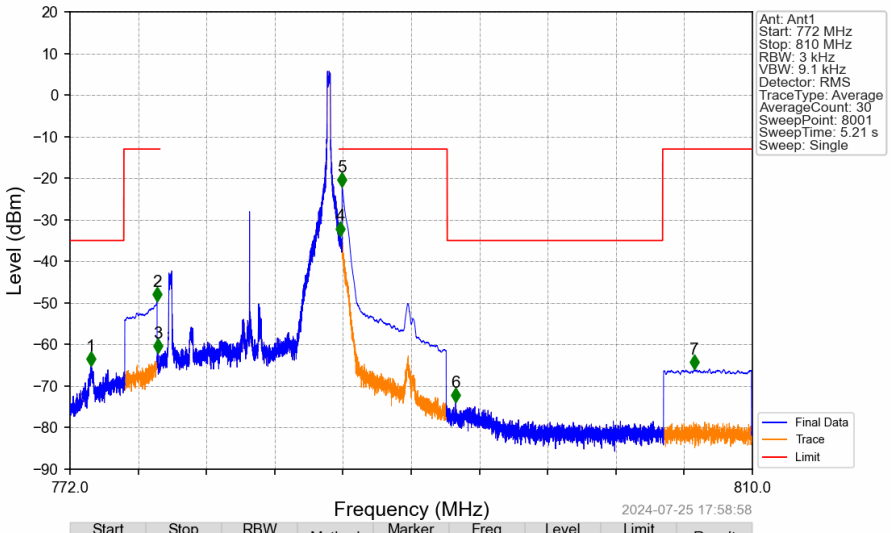


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



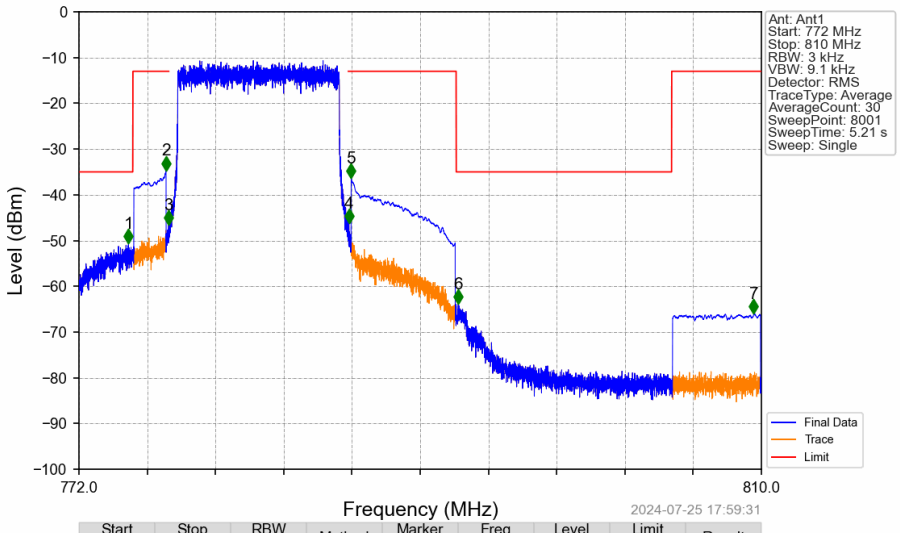
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.726	-66.39	-13	Pass
763	775	0.00625	/	2	774.567	-51.79	-35	Pass
775	776.9	0.1	CHP	3	776.849	-34.80	-13	Pass
776.9	777	0.03	/	4	776.985	-46.79	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.032	-48.01	-13	Pass
787.1	792	0.1	CHP	6	787.151	-36.17	-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	-65.23	-35	Pass
775	776.9	0.1	CHP	2	776.850	-49.66	-13	Pass
776.9	777	0.03	/	3	776.902	-62.13	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.053	-33.83	-13	Pass
787.1	793	0.1	CHP	5	787.153	-22.13	-13	Pass
793	805	0.00625	/	6	793.480	-73.94	-35	Pass
805	810	0.1	CHP	7	806.775	-65.90	-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	774.760	-50.63	-35	Pass
775	776.9	0.1	CHP	2	776.850	-34.68	-13	Pass
776.9	777	0.03	/	3	776.992	-46.59	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.029	-46.24	-13	Pass
787.1	793	0.1	CHP	5	787.153	-36.30	-13	Pass
793	805	0.00625	/	6	793.119	-63.84	-35	Pass
805	810	0.1	CHP	7	809.572	-66.04	-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	0.2080	0.0152	ppm	4M58G7D	27F	23.18
13	5	779.5	784.5	0.1770	0.0152	ppm	4M58W7D	27F	22.48
13	10	782	782	0.2123	0.0125	ppm	9M05G7D	27F	23.27
13	10	782	782	0.1816	0.0124	ppm	9M06W7D	27F	22.59

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	0.0349	0.0152	ppm	4M58G7D	27F	15.43
13	5	779.5	784.5	0.0297	0.0152	ppm	4M58W7D	27F	14.73
13	10	782	782	0.0356	0.0125	ppm	9M05G7D	27F	15.52
13	10	782	782	0.0305	0.0124	ppm	9M06W7D	27F	14.84