

FCC LTE Band Test Data

FCC ID : 2BDNA-GS-THINKNODE

Company: : Shenzhen Elecrow Limited

EUT : ThinkNode LoRaWAN Gateway

Model Number : G1-US915

Reviewed By : *Kevin Yang*

1. Conducted Power Output Data

1.1 Test Result

1.1.1 B13_5MHz

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict Limit	
		Size	Offset			
QPSK	779.5	1	0	23.04	<=34.77	Pass
			13	23.24	<=34.77	Pass
			24	22.92	<=34.77	Pass
		12	0	22.13	<=34.77	Pass
			6	22.25	<=34.77	Pass
			13	22.10	<=34.77	Pass
		25	0	22.17	<=34.77	Pass
	782	1	0	23.13	<=34.77	Pass
			13	23.40	<=34.77	Pass
			24	22.94	<=34.77	Pass
		12	0	22.34	<=34.77	Pass
			6	22.53	<=34.77	Pass
			13	22.42	<=34.77	Pass
		25	0	22.43	<=34.77	Pass
	784.5	1	0	23.03	<=34.77	Pass
			13	23.05	<=34.77	Pass
			24	22.89	<=34.77	Pass
		12	0	22.35	<=34.77	Pass
			6	22.29	<=34.77	Pass
			13	22.11	<=34.77	Pass
		25	0	22.21	<=34.77	Pass
16QAM	779.5	1	0	22.08	<=34.77	Pass
			13	22.59	<=34.77	Pass
			24	22.20	<=34.77	Pass
		12	0	21.20	<=34.77	Pass
			6	21.33	<=34.77	Pass
			13	21.20	<=34.77	Pass
		25	0	21.34	<=34.77	Pass
	782	1	0	22.27	<=34.77	Pass
			13	22.60	<=34.77	Pass
			24	22.12	<=34.77	Pass
		12	0	21.36	<=34.77	Pass
			6	21.45	<=34.77	Pass
			13	21.36	<=34.77	Pass
		25	0	21.39	<=34.77	Pass
	784.5	1	0	22.21	<=34.77	Pass
			13	22.29	<=34.77	Pass
			24	22.03	<=34.77	Pass
		12	0	21.44	<=34.77	Pass
			6	21.40	<=34.77	Pass
			13	21.21	<=34.77	Pass
		25	0	21.35	<=34.77	Pass

1.1.2 B13_10MHz

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict Limit	
		Size	Offset			
QPSK	782	1	0	23.11	<=34.77	Pass

			25	23.53	<=34.77	Pass
			49	22.98	<=34.77	Pass
		25	0	22.42	<=34.77	Pass
			13	22.51	<=34.77	Pass
			25	22.30	<=34.77	Pass
		50	0	22.36	<=34.77	Pass
		16QAM	782	1	0	22.30
25	22.69				<=34.77	Pass
49	22.17				<=34.77	Pass
12	0			22.29	<=34.77	Pass
	19			22.47	<=34.77	Pass
	38			22.11	<=34.77	Pass
27	0			21.33	<=34.77	Pass

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	0.415	0.0005	-2.5 to 2.5	Pass
					3.85	2.174	0.0028	-2.5 to 2.5	Pass
					4.43	2.518	0.0032	-2.5 to 2.5	Pass
				-30	3.85	2.203	0.0028	-2.5 to 2.5	Pass
				-20	3.85	2.217	0.0028	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0024	-2.5 to 2.5	Pass
				0	3.85	3.176	0.0041	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.845	0.0024	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0013	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-1.760	-0.0023	-2.5 to 2.5	Pass
					3.85	1.044	0.0013	-2.5 to 2.5	Pass
					4.43	2.575	0.0033	-2.5 to 2.5	Pass
				-30	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.701	0.0009	-2.5 to 2.5	Pass
				0	3.85	2.947	0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0026	-2.5 to 2.5	Pass
				30	3.85	2.289	0.0029	-2.5 to 2.5	Pass
				40	3.85	3.963	0.0051	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0003	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	0.644	0.0008	-2.5 to 2.5	Pass
					3.85	1.831	0.0023	-2.5 to 2.5	Pass
					4.43	2.747	0.0035	-2.5 to 2.5	Pass
				-30	3.85	1.760	0.0022	-2.5 to 2.5	Pass
				-20	3.85	2.704	0.0034	-2.5 to 2.5	Pass
				-10	3.85	2.432	0.0031	-2.5 to 2.5	Pass
				0	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				10	3.85	3.376	0.0043	-2.5 to 2.5	Pass
				30	3.85	1.831	0.0023	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0013	-2.5 to 2.5	Pass

16QAM	779.5	25	0	20	3.27	2.761	0.0035	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
					4.43	0.129	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-1.302	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.631	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0016	-2.5 to 2.5	Pass
				50	3.85	2.289	0.0029	-2.5 to 2.5	Pass
	782	25	0	20	3.27	2.031	0.0026	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.372	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.087	-0.0014	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	0.529	0.0007	-2.5 to 2.5	Pass
					3.85	-0.973	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-3.448	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-0.973	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				30	3.85	2.704	0.0034	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.618	-0.0033	-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	1.502	0.0019	-2.5 to 2.5	Pass
					3.85	0.272	0.0003	-2.5 to 2.5	Pass
					4.43	2.174	0.0028	-2.5 to 2.5	Pass
				-30	3.85	1.874	0.0024	-2.5 to 2.5	Pass
				-20	3.85	0.958	0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.830	0.0011	-2.5 to 2.5	Pass
				0	3.85	2.890	0.0037	-2.5 to 2.5	Pass
				10	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.486	0.0006	-2.5 to 2.5	Pass
16QAM	782	27	0	20	3.27	0.300	0.0004	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0046	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.203	0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0038	-2.5 to 2.5	Pass

				10	3.85	1.073	0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0016	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

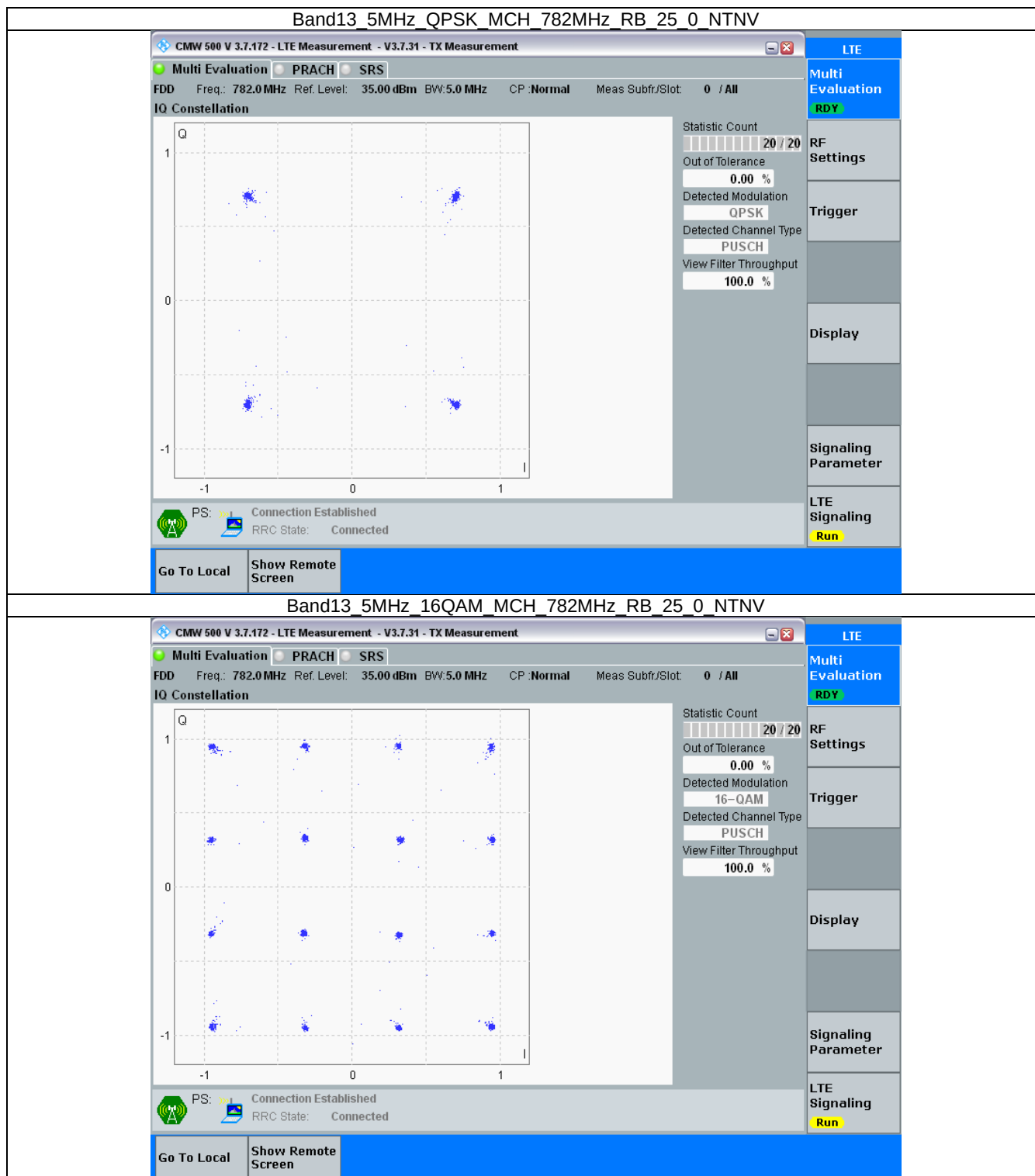
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

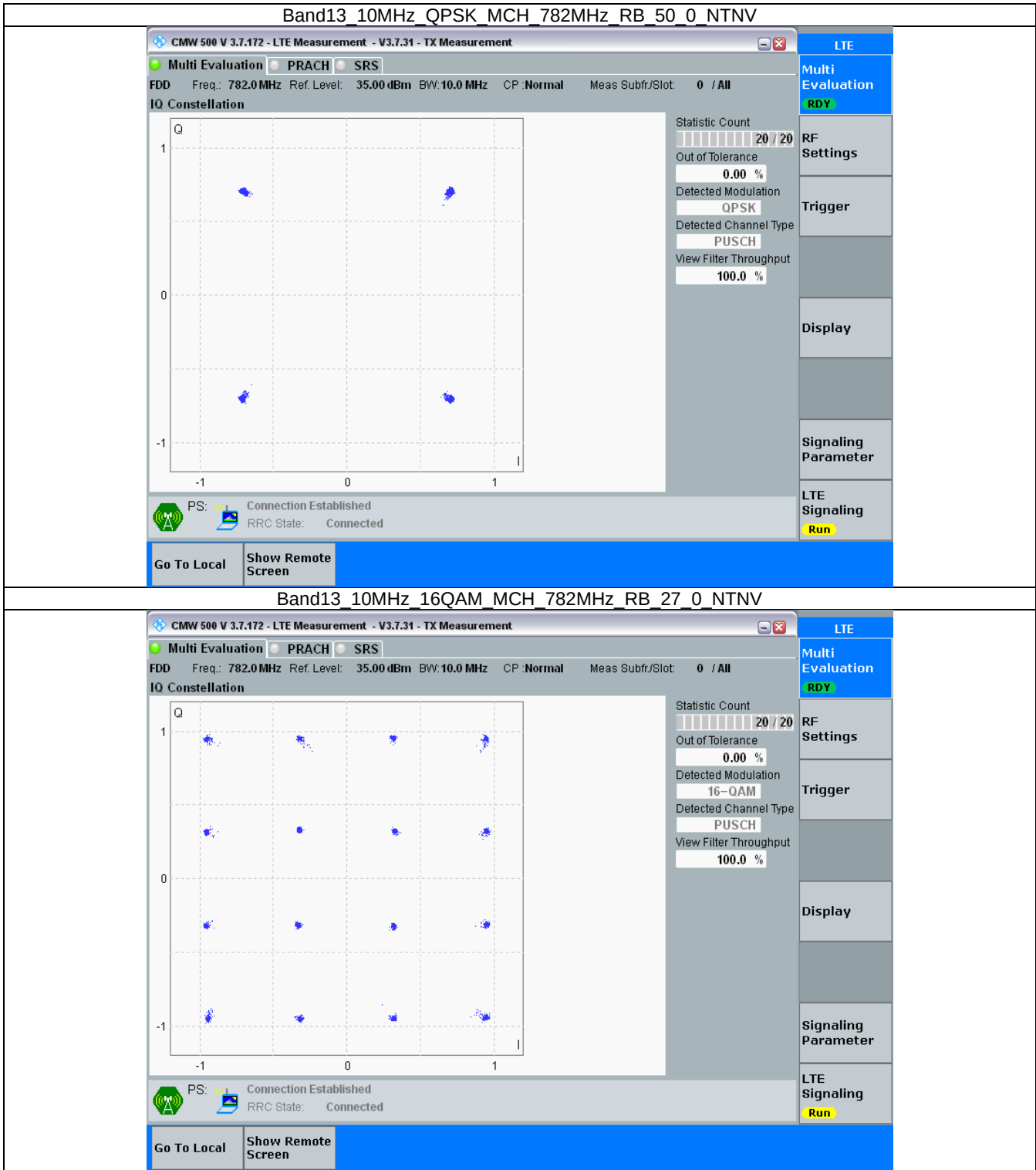
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	27	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B13_5MHz



3.2.2 B13_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band13_OBW

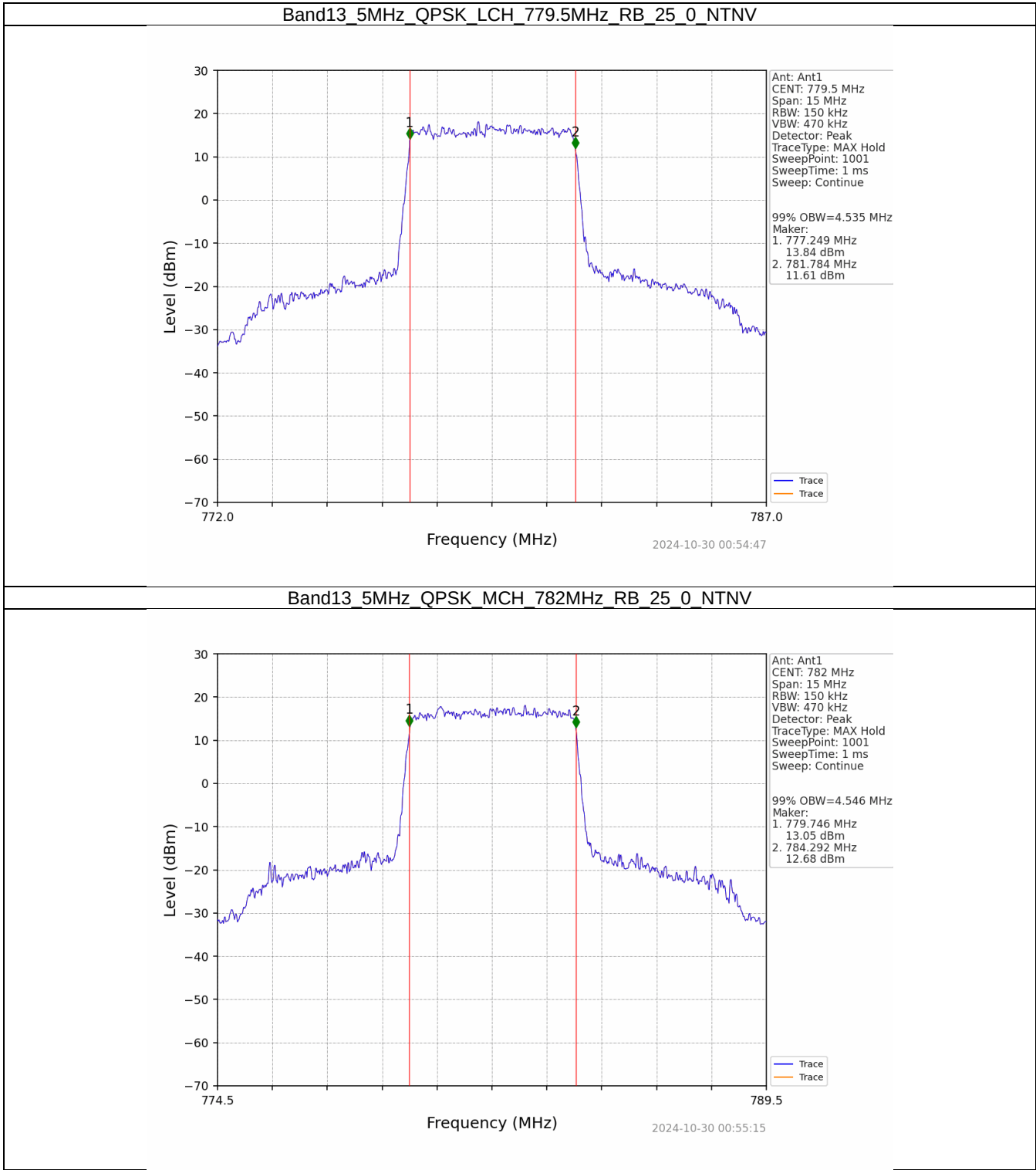
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.535	/	Pass
		782	25	0	4.546	/	Pass
		784.5	25	0	4.549	/	Pass
	16QAM	779.5	25	0	4.526	/	Pass
		782	25	0	4.541	/	Pass
		784.5	25	0	4.519	/	Pass
10	QPSK	782	50	0	9.034	/	Pass
	16QAM	782	27	0	5.092	/	Pass

4.1.2 Band13_XDB

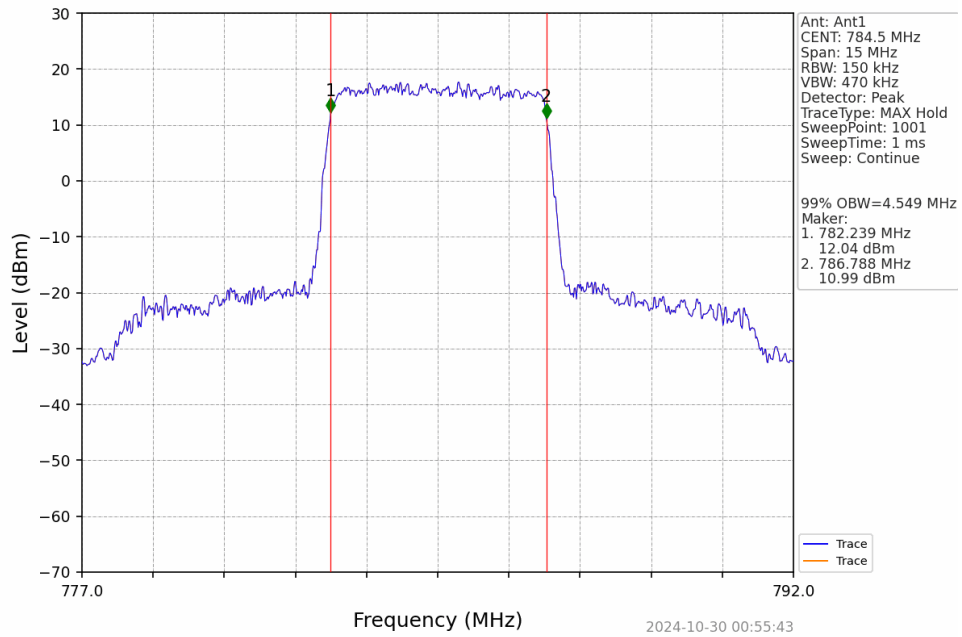
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.978	/	Pass
		782	25	0	5.030	/	Pass
		784.5	25	0	5.008	/	Pass
	16QAM	779.5	25	0	5.010	/	Pass
		782	25	0	5.033	/	Pass
		784.5	25	0	5.027	/	Pass
10	QPSK	782	50	0	10.252	/	Pass
	16QAM	782	27	0	6.395	/	Pass

4.2 Test Graph

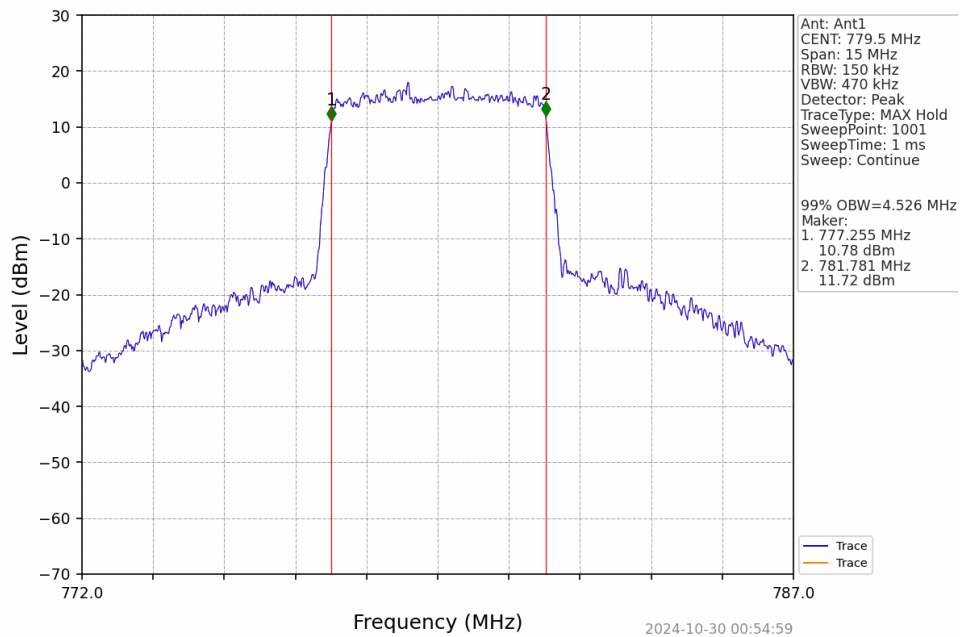
4.2.1 Band13_OBW



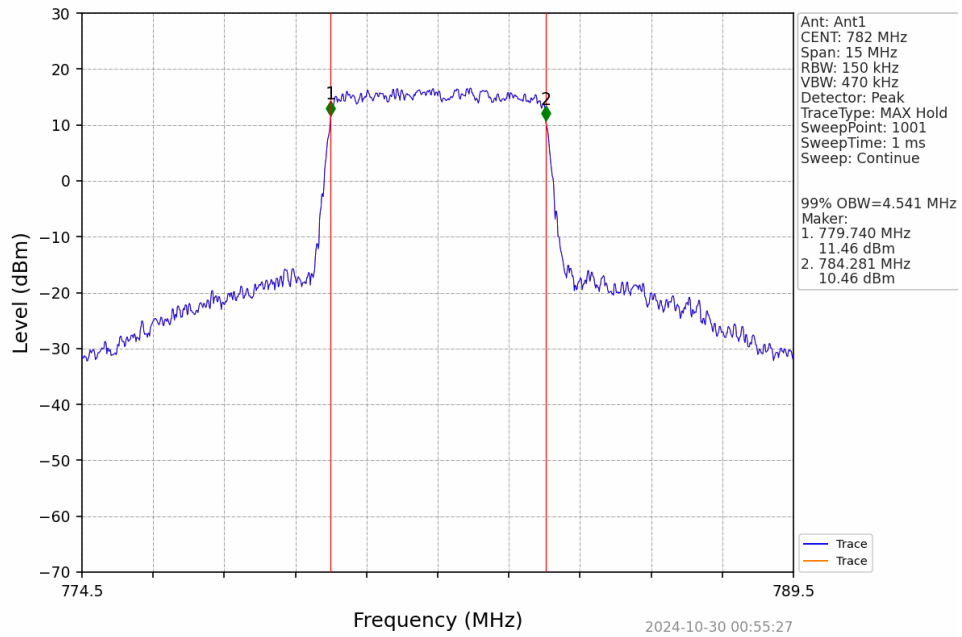
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



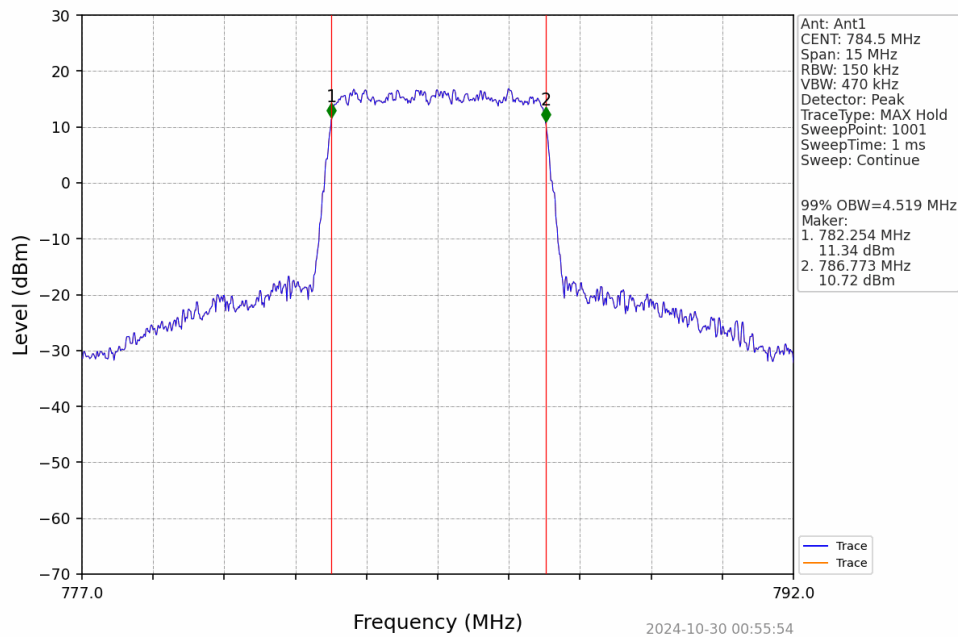
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



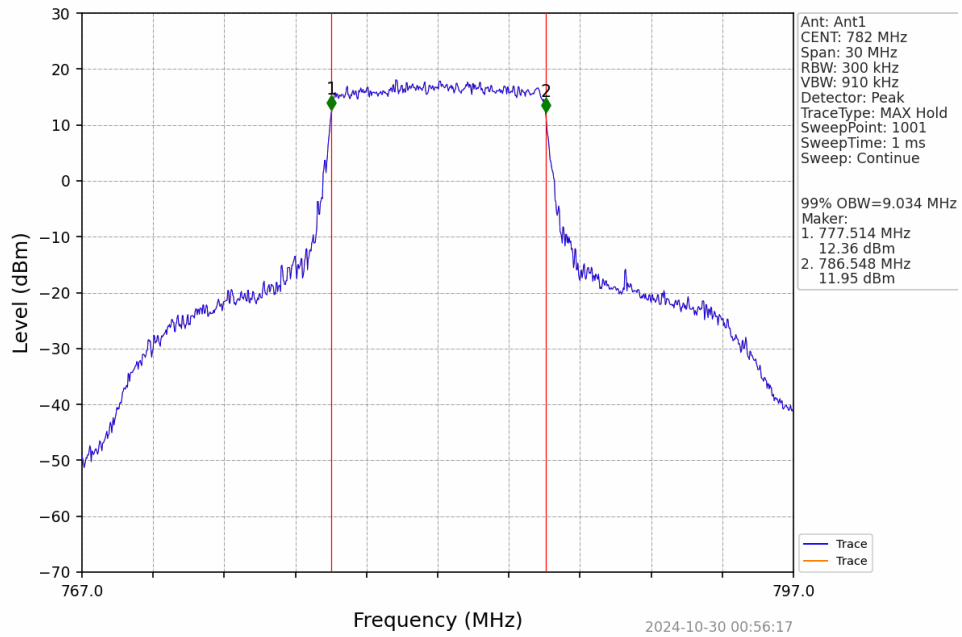
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



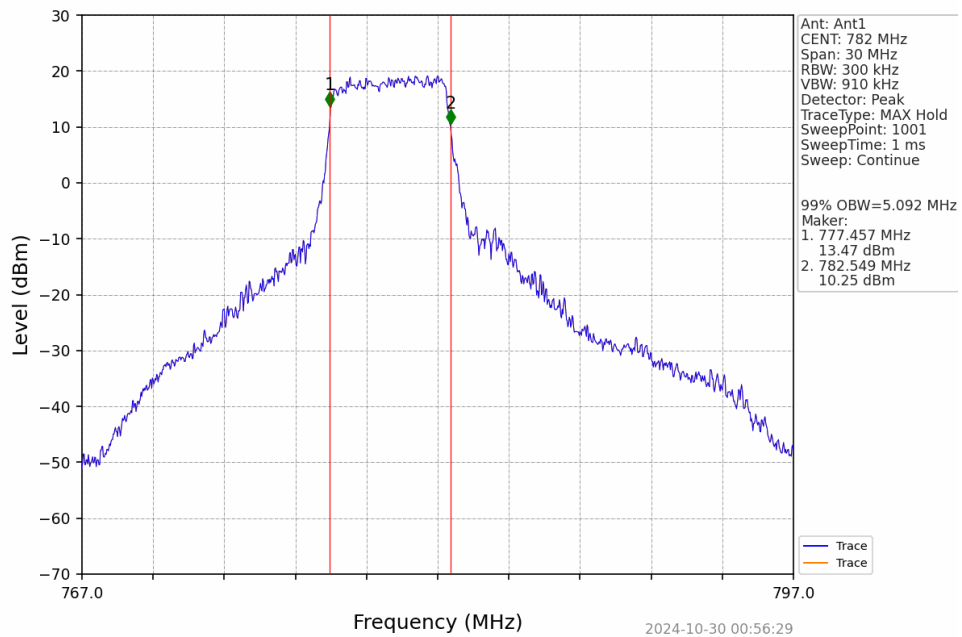
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



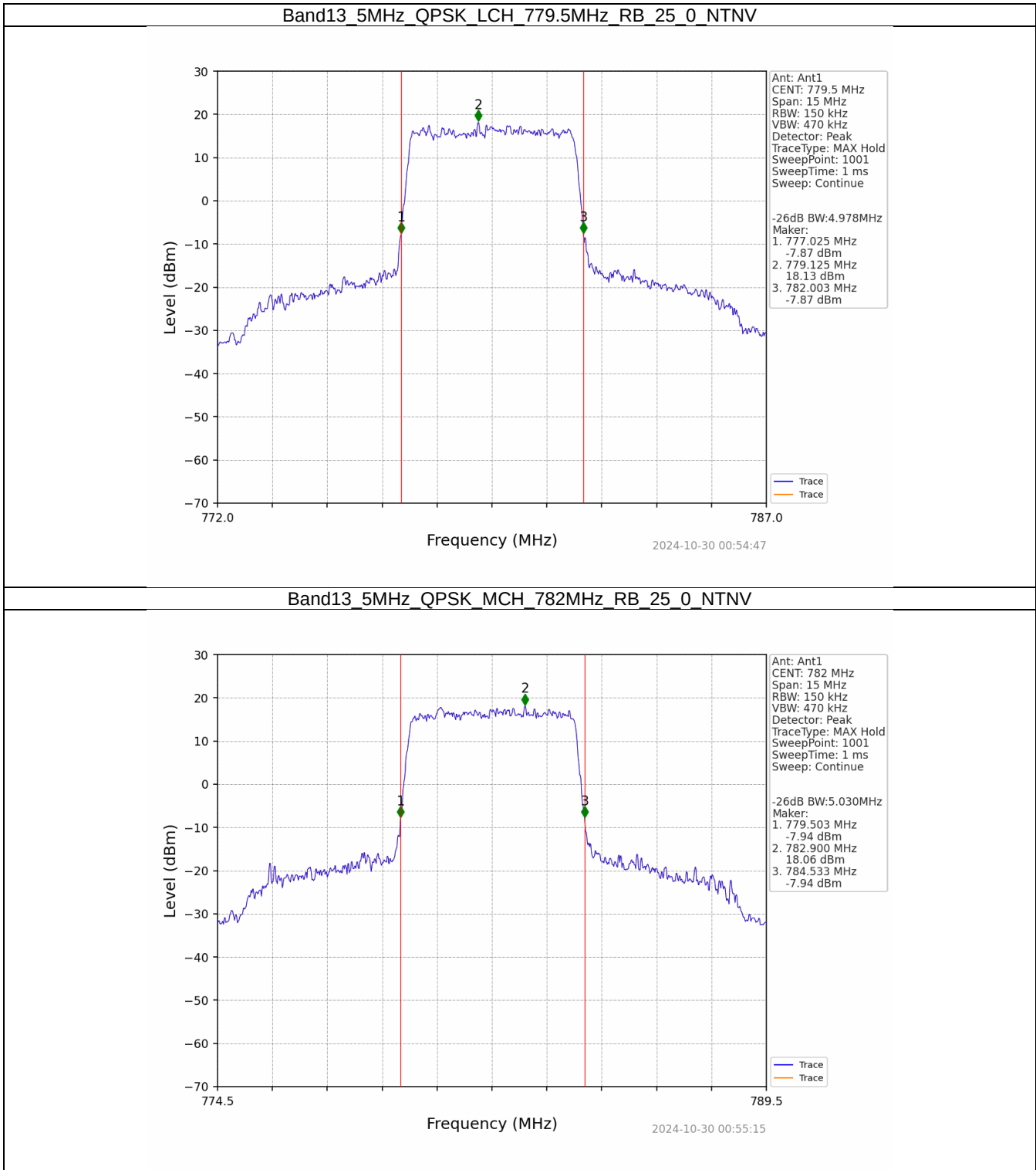
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTNV



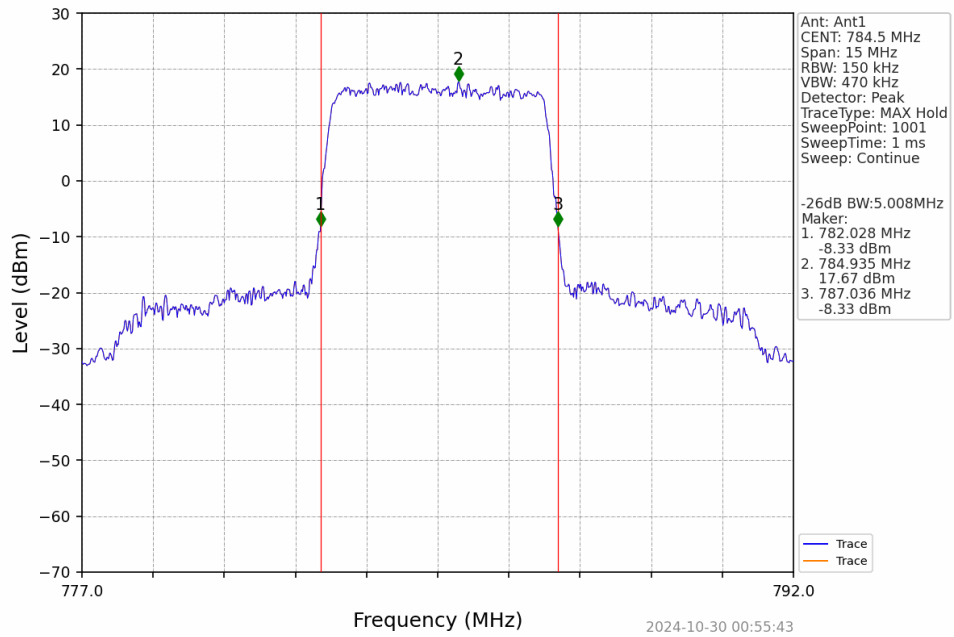
Band13 10MHz 16QAM MCH 782MHz RB 27 0 NTNV



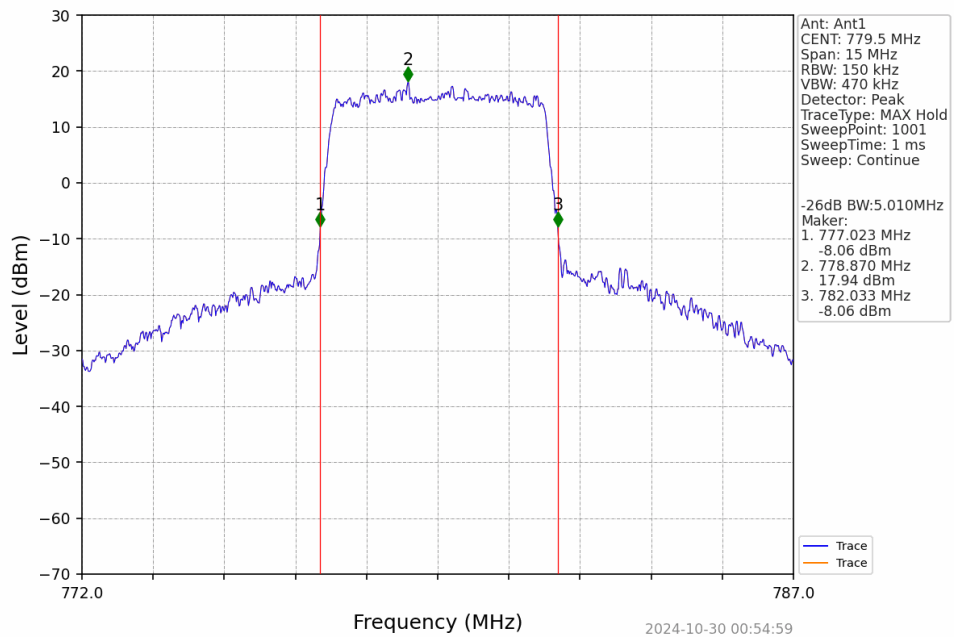
4.2.2 Band13_XDB



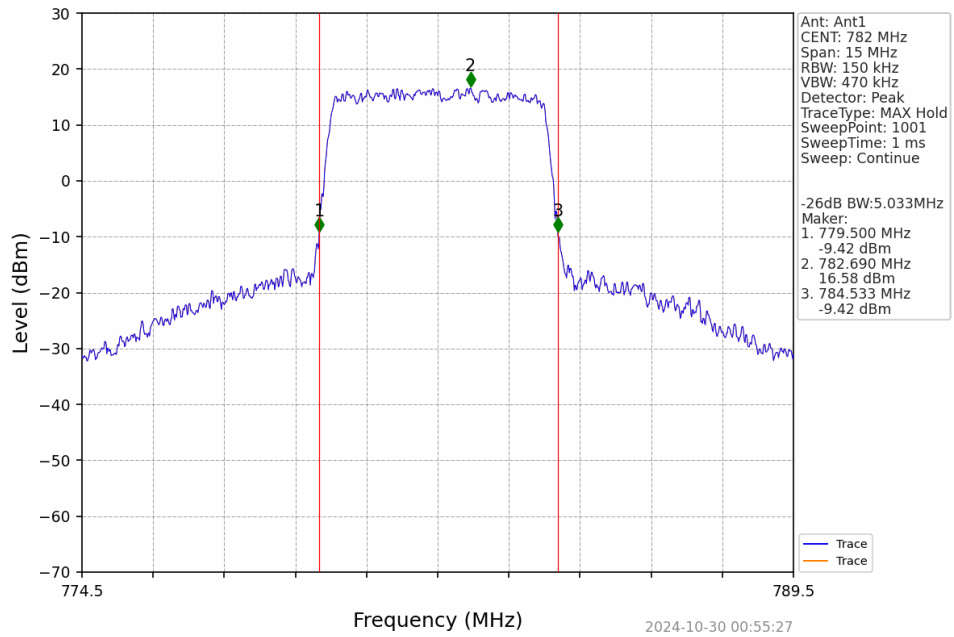
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



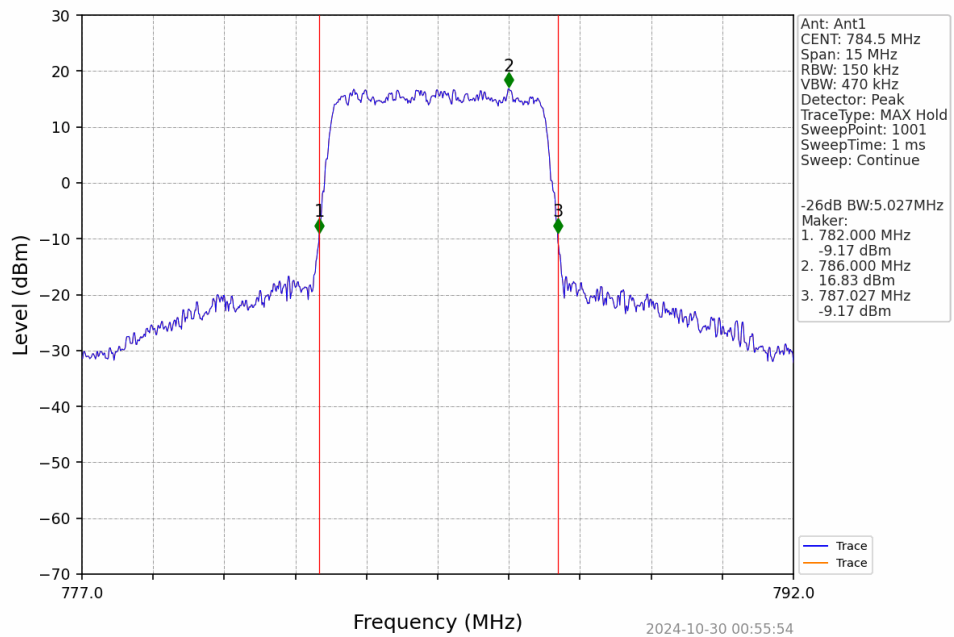
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



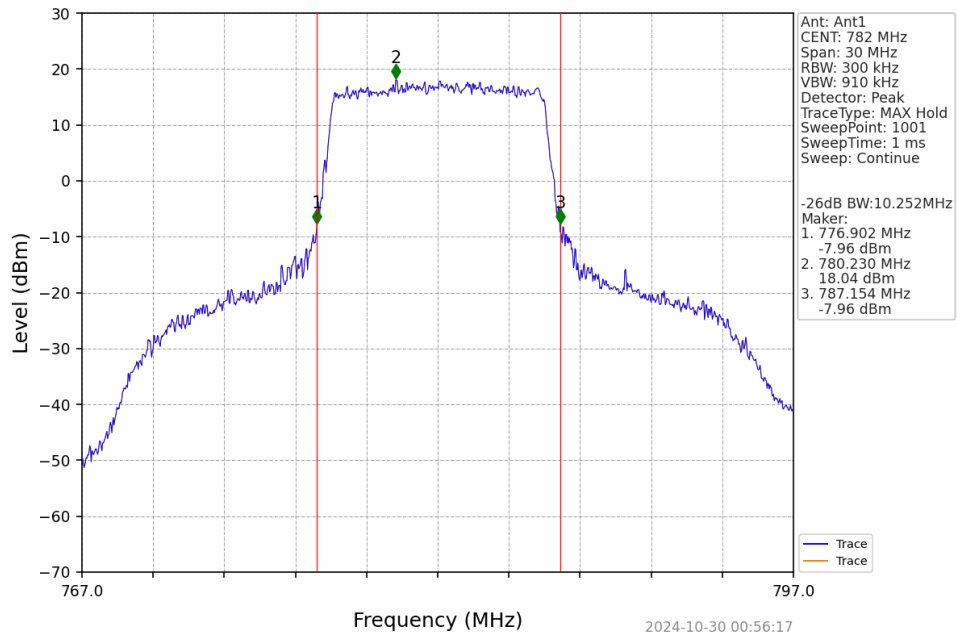
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



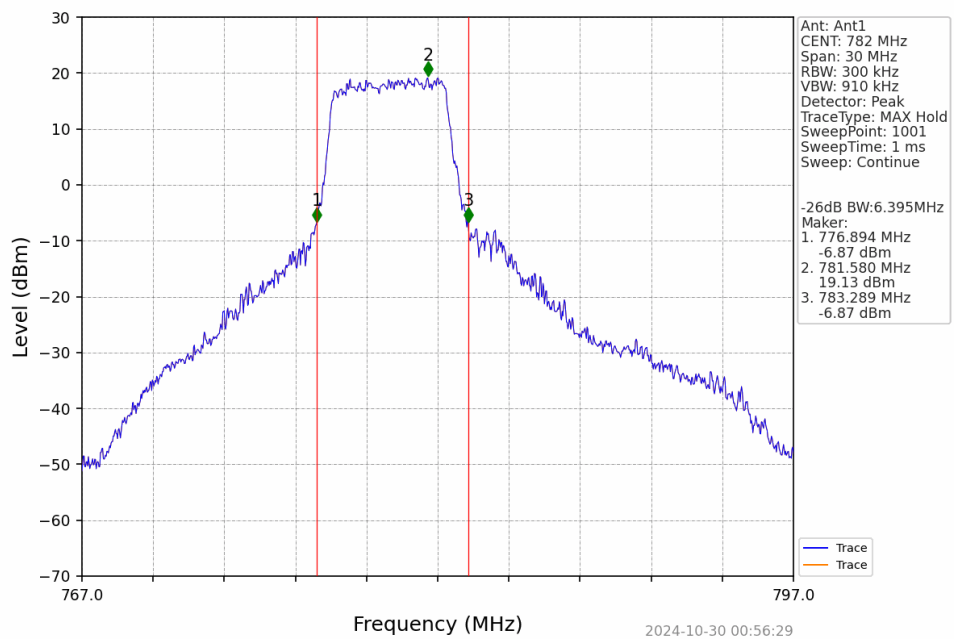
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



Band13 10MHz QPSK MCH 782MHz RB 50 0 NTNV



Band13 10MHz 16QAM MCH 782MHz RB 27 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

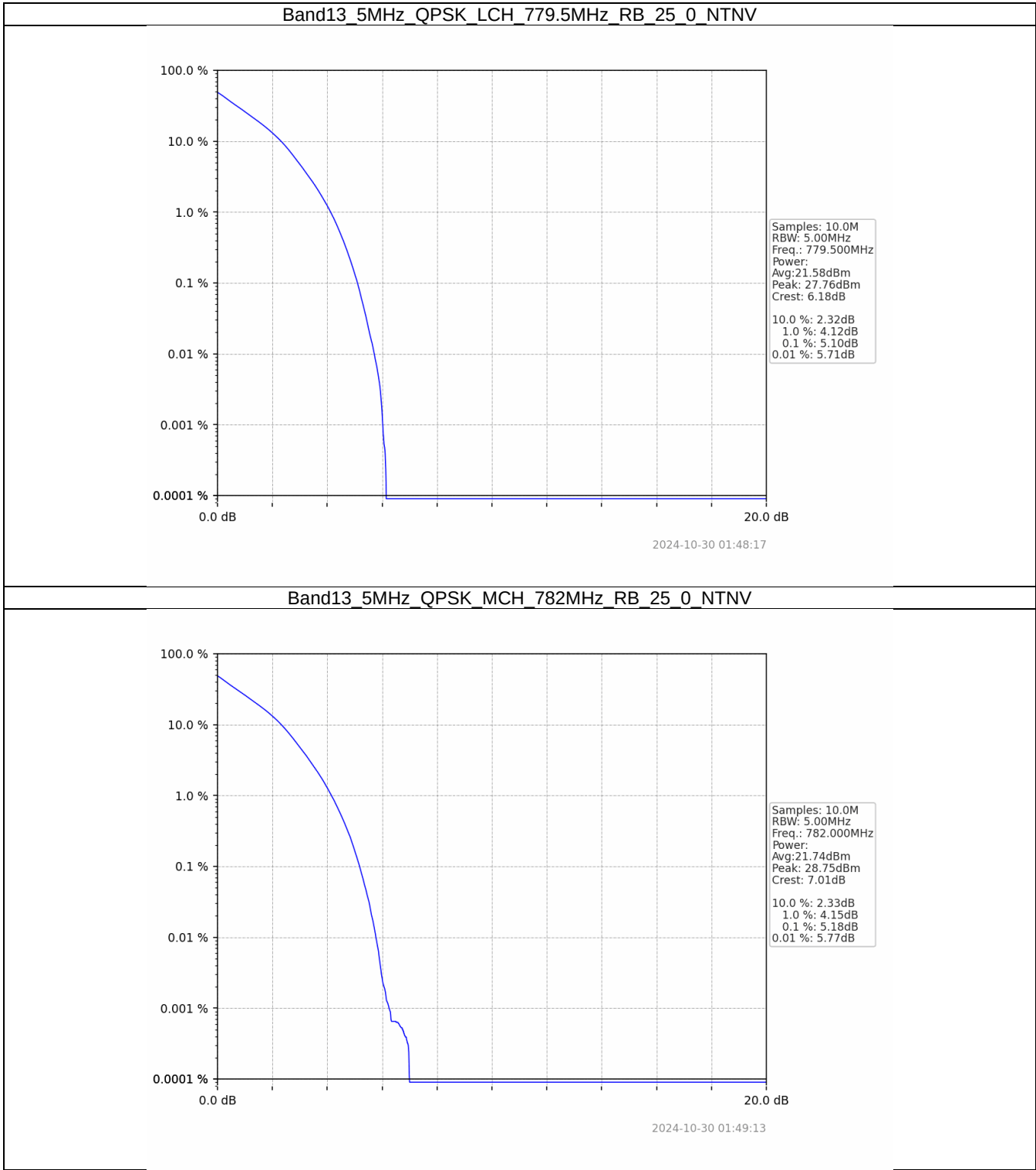
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.10	<=13	Pass
	782	25	0	5.18	<=13	Pass
	784.5	25	0	5.38	<=13	Pass
16QAM	779.5	25	0	5.77	<=13	Pass
	782	25	0	5.90	<=13	Pass
	784.5	25	0	5.98	<=13	Pass

5.1.2 B13_10MHz

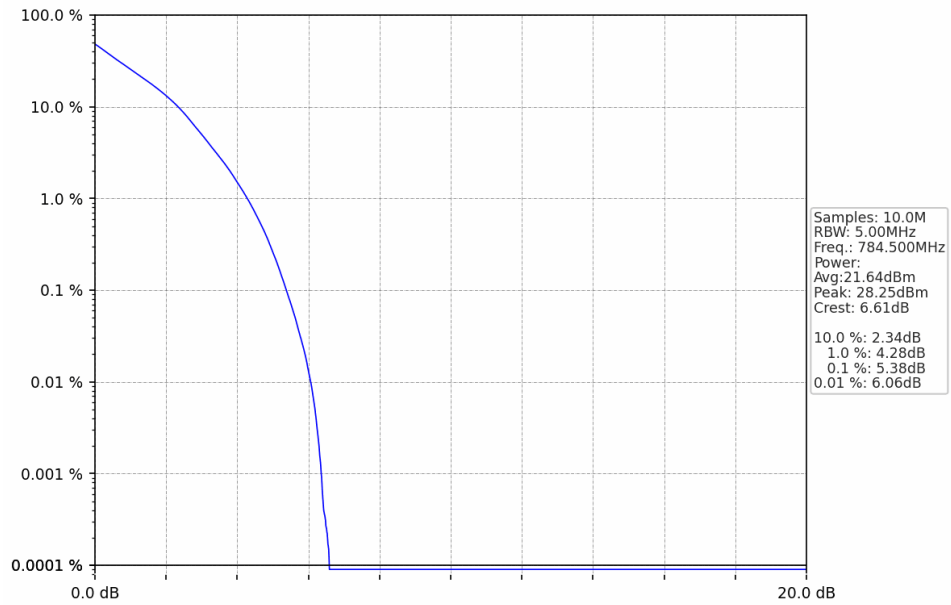
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.17	<=13	Pass
16QAM	782	27	0	5.53	<=13	Pass

5.2 Test Graph

5.2.1 B13_5MHz

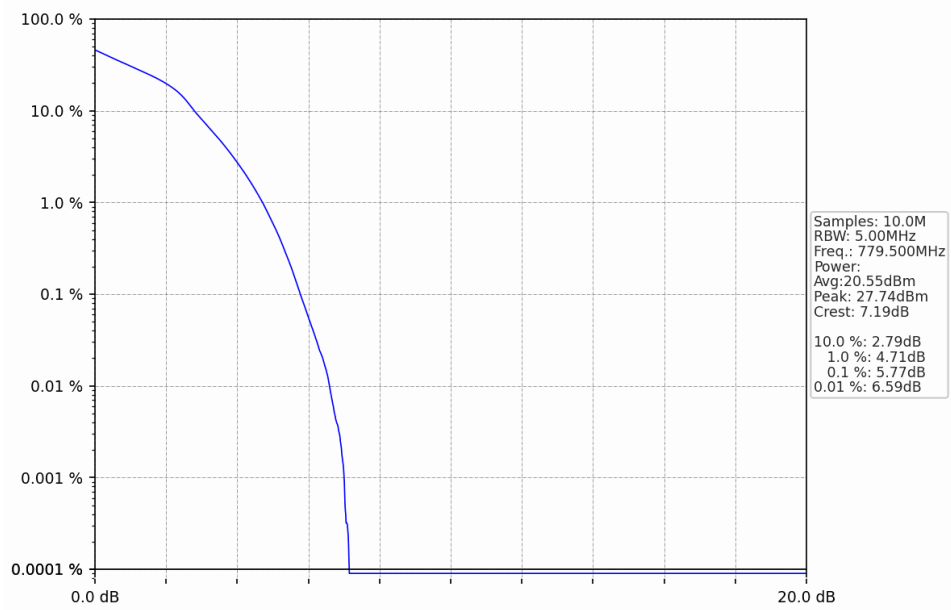


Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



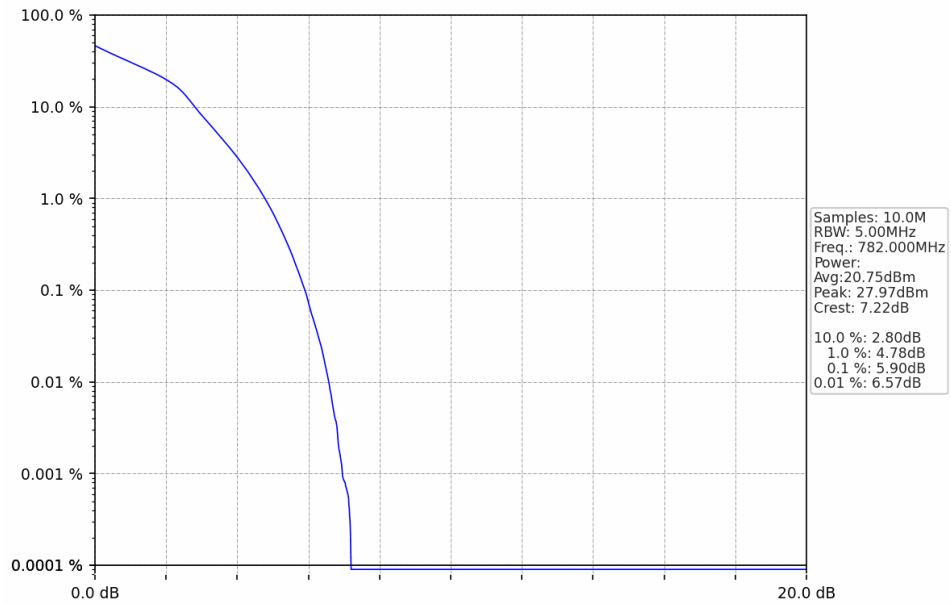
2024-10-30 01:50:07

Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



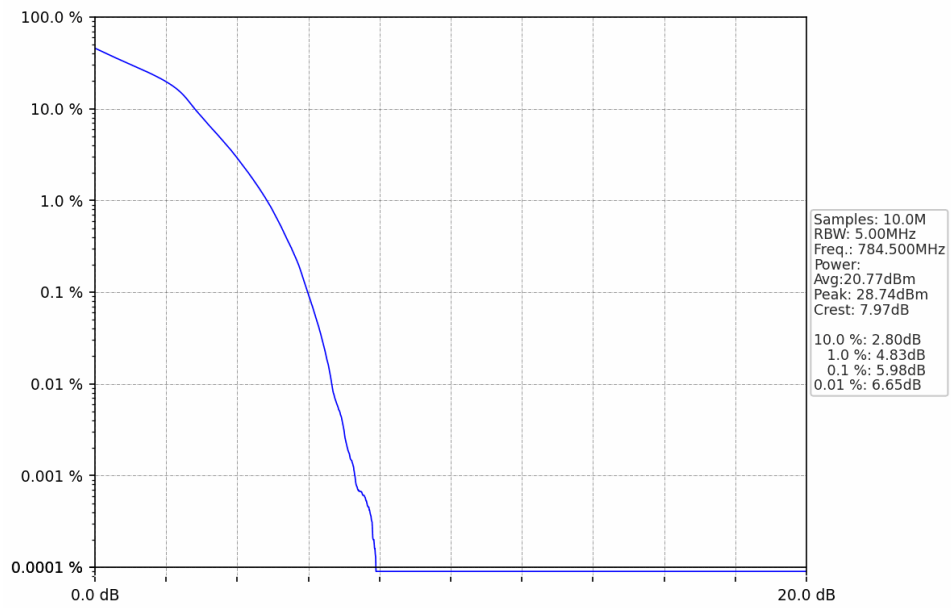
2024-10-30 01:48:44

Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



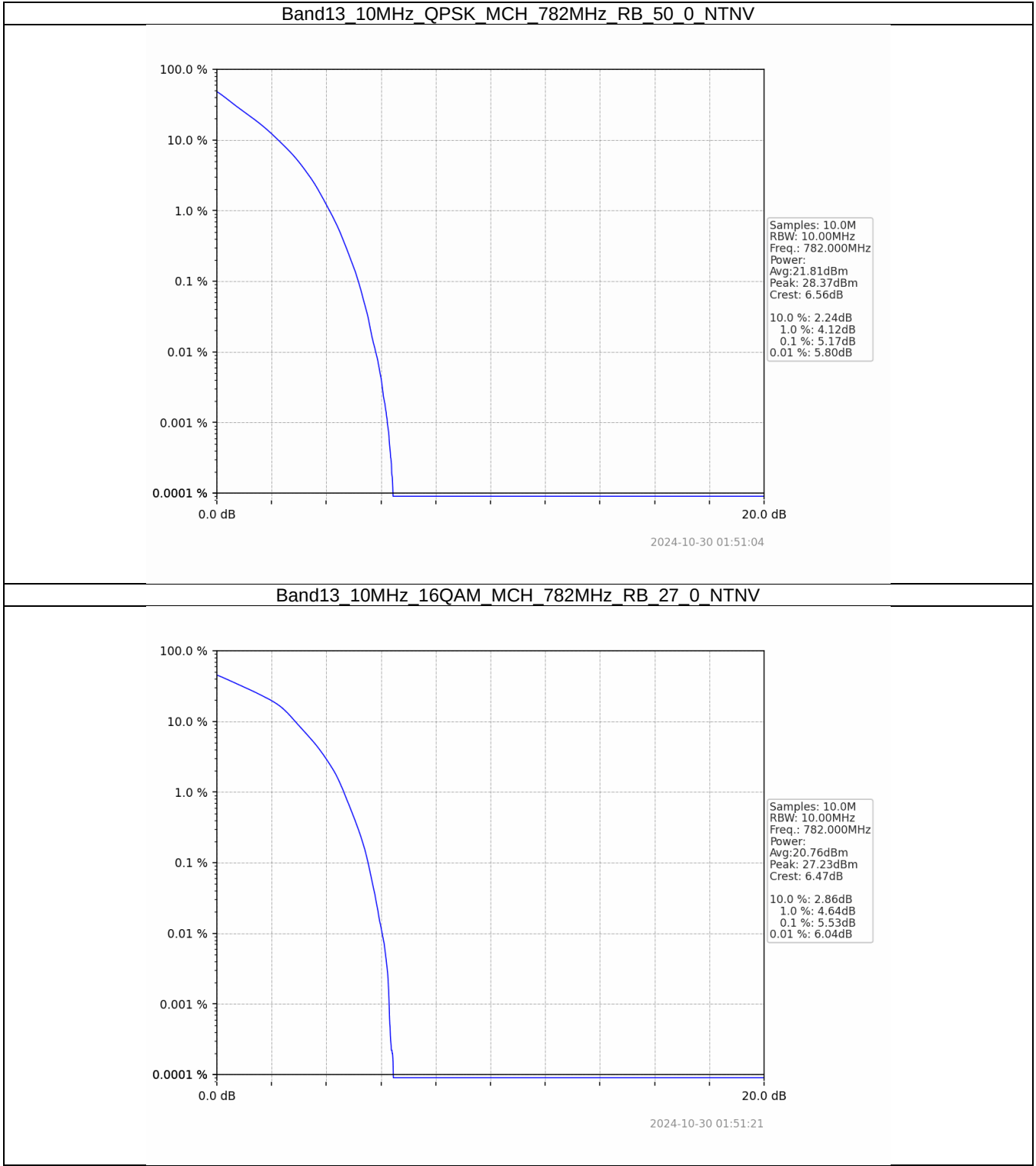
2024-10-30 01:49:39

Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



2024-10-30 01:50:36

5.2.2 B13_10MHz



6. Spurious Emission

6.1 Test Result

6.1.1 B13_5MHz

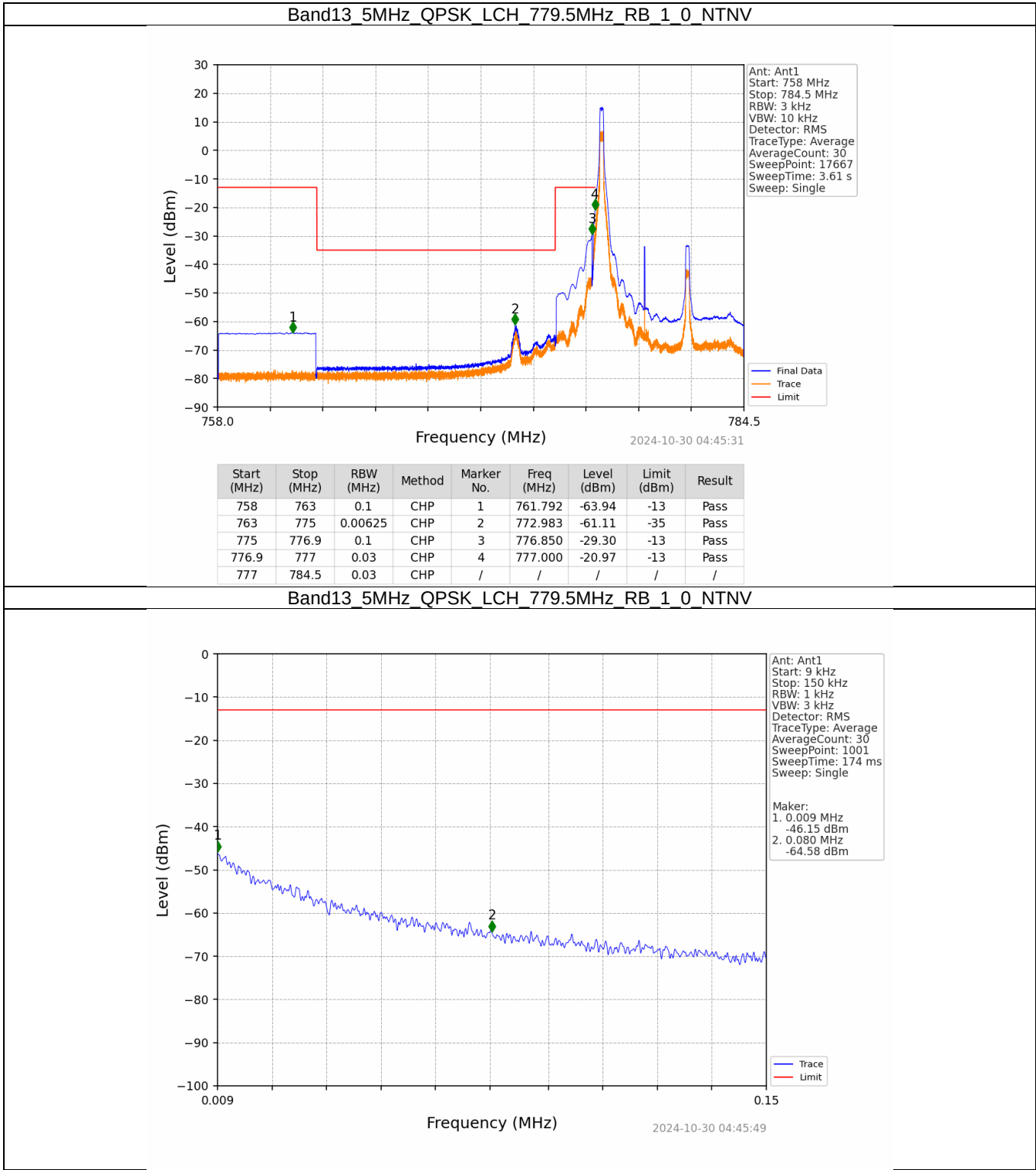
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph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

6.1.2 B13_10MHz

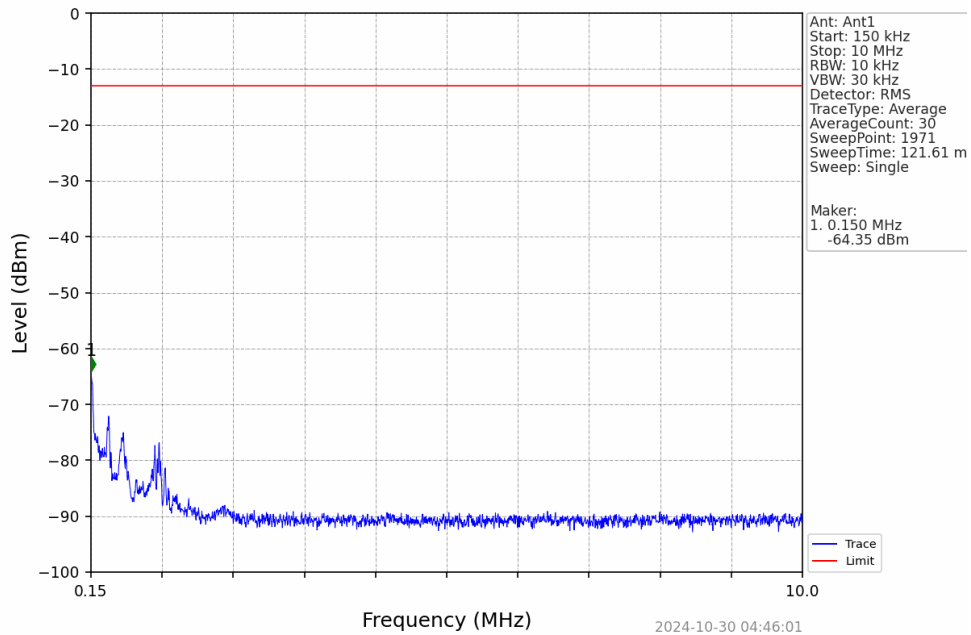
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

6.2 Test Graph

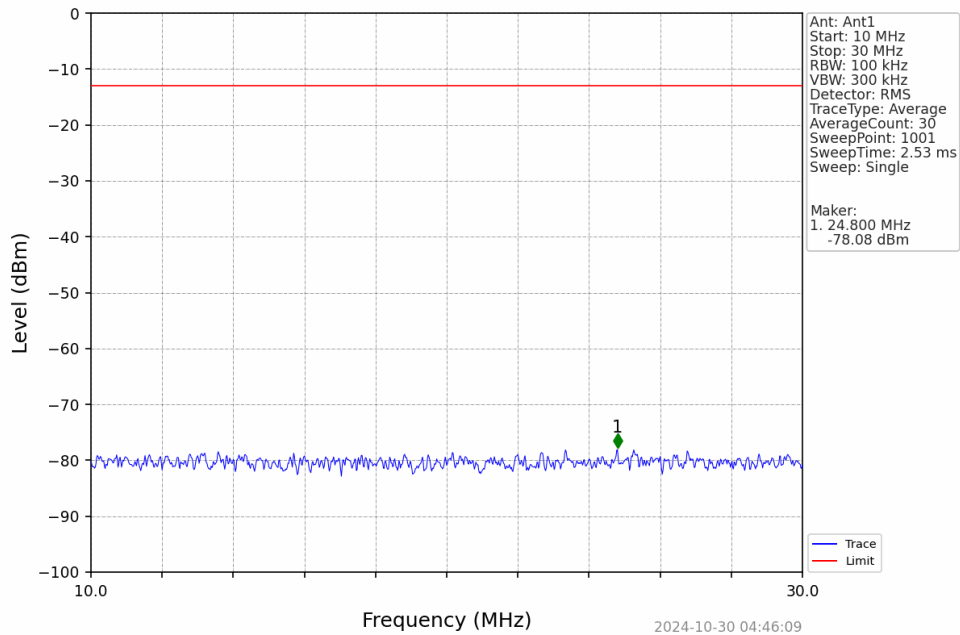
6.2.1 B13_5MHz



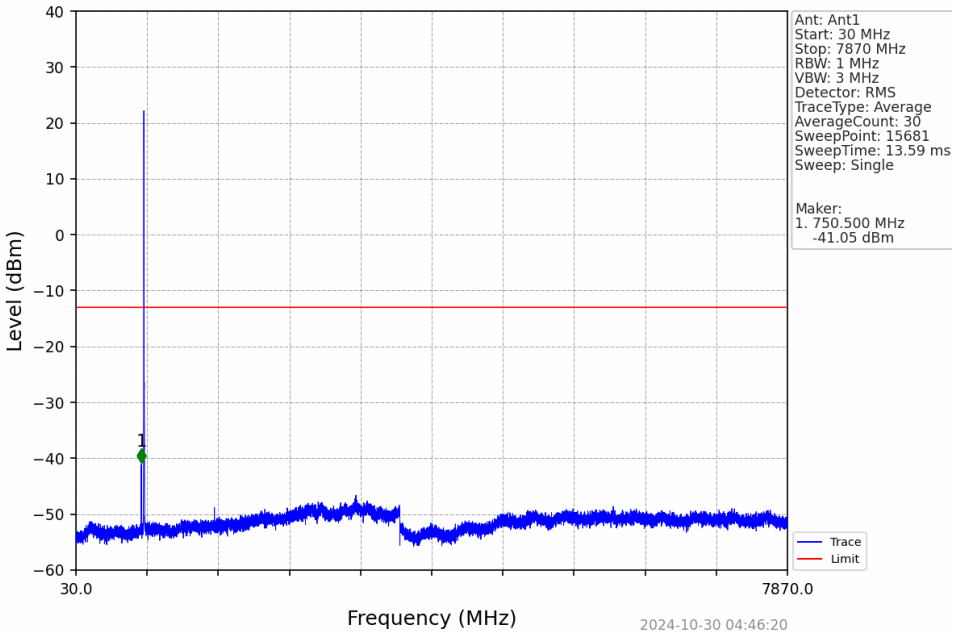
Band13 5MHz QPSK LCH 779.5MHz RB 1 0 NTN



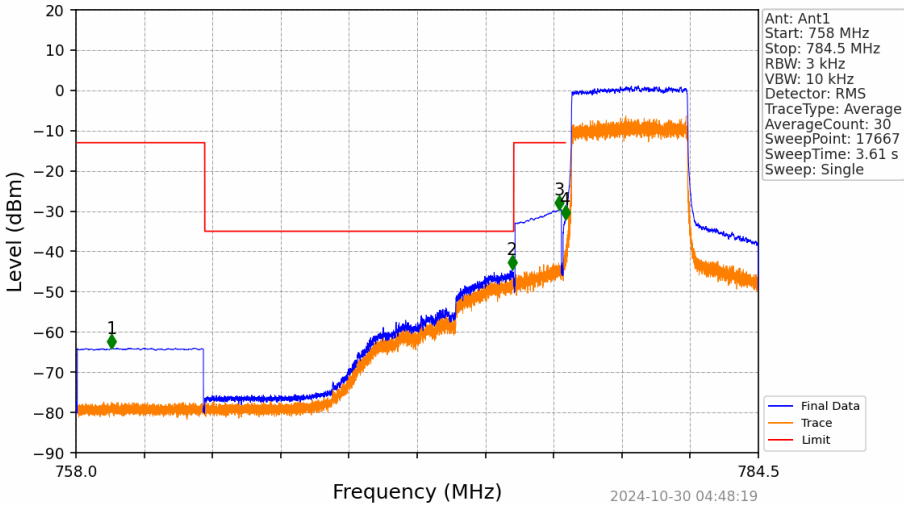
Band13 5MHz QPSK LCH 779.5MHz RB 1 0 NTN



Band13 5MHz QPSK LCH 779.5MHz RB 1 0 NTN

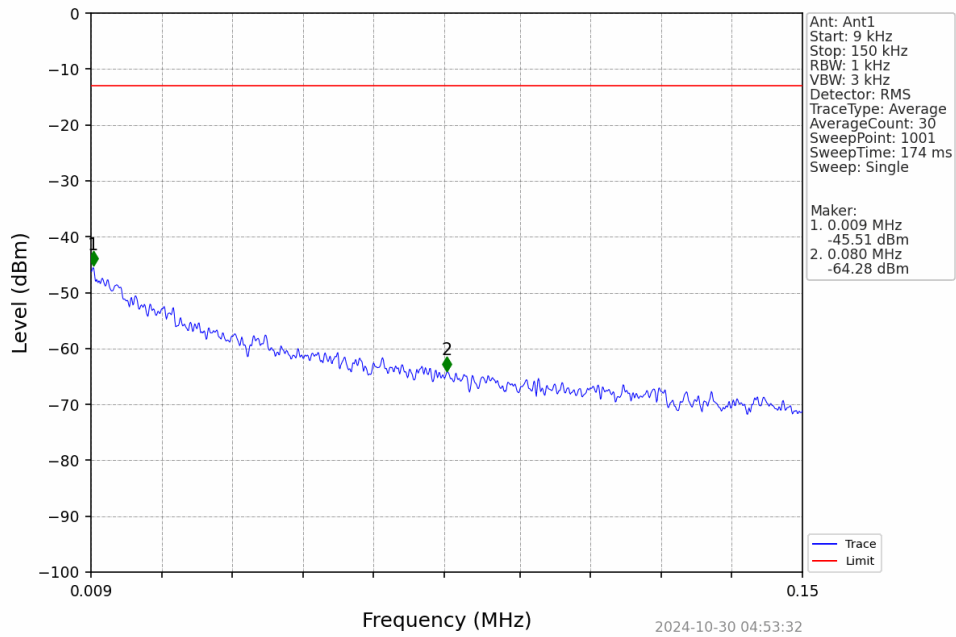


Band13 5MHz QPSK LCH 779.5MHz RB 25 0 NTN

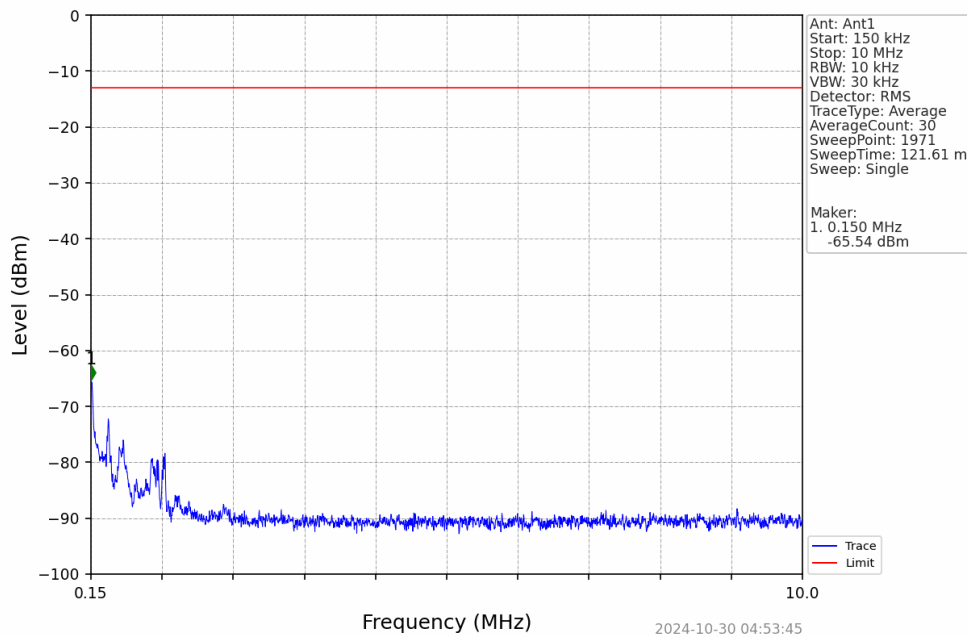


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.379	-64.02	-13	Pass
763	775	0.00625	CHP	2	774.934	-44.41	-35	Pass
775	776.9	0.1	CHP	3	776.775	-29.57	-13	Pass
776.9	777	0.03	CHP	4	777.000	-31.97	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

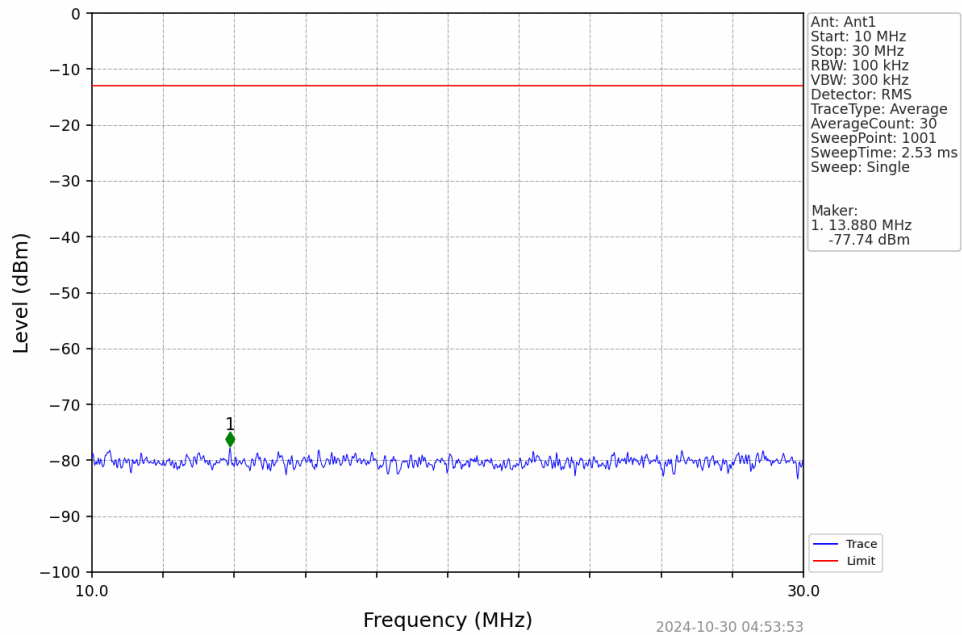
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



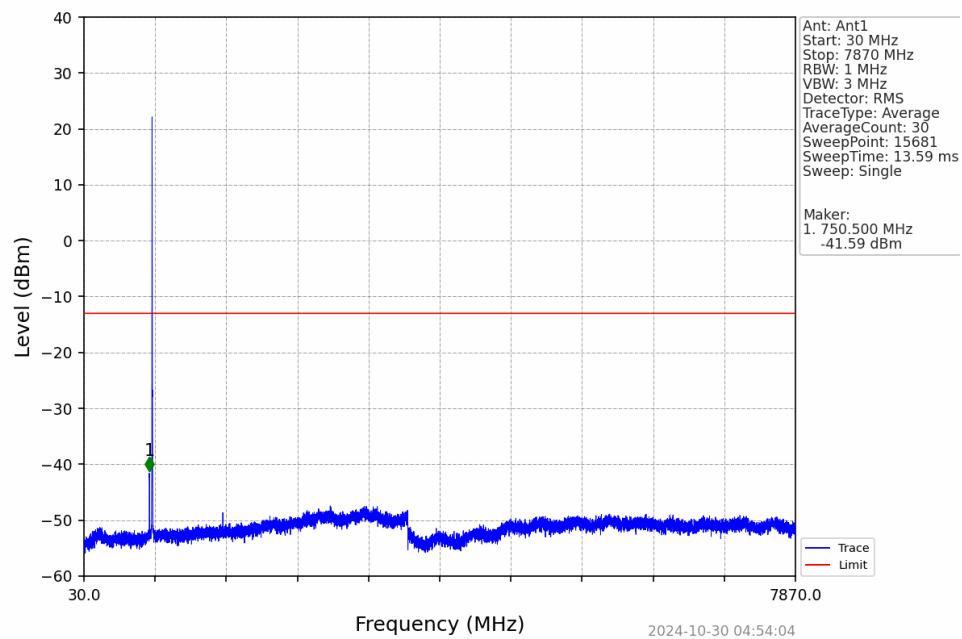
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



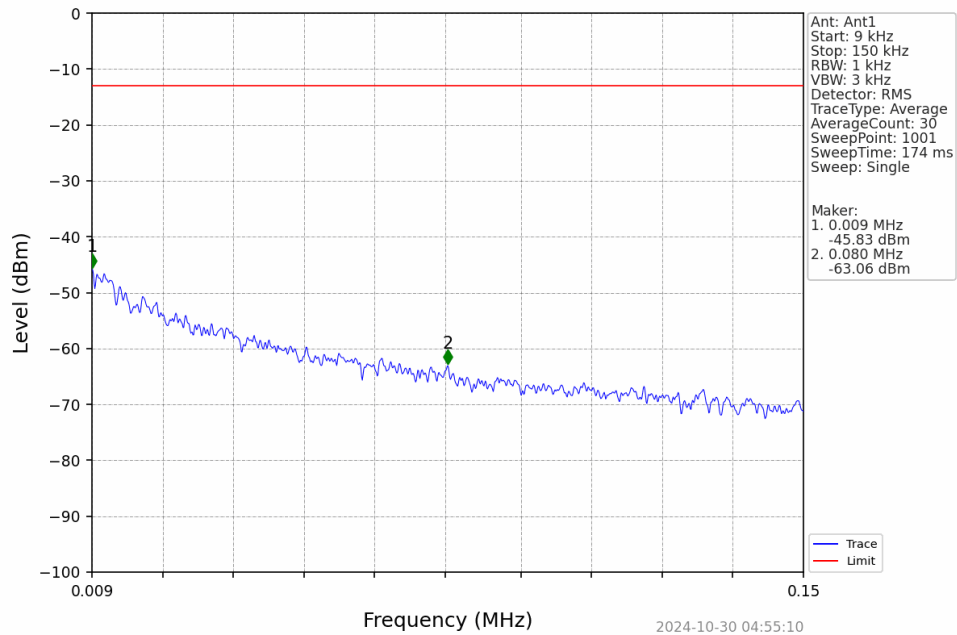
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



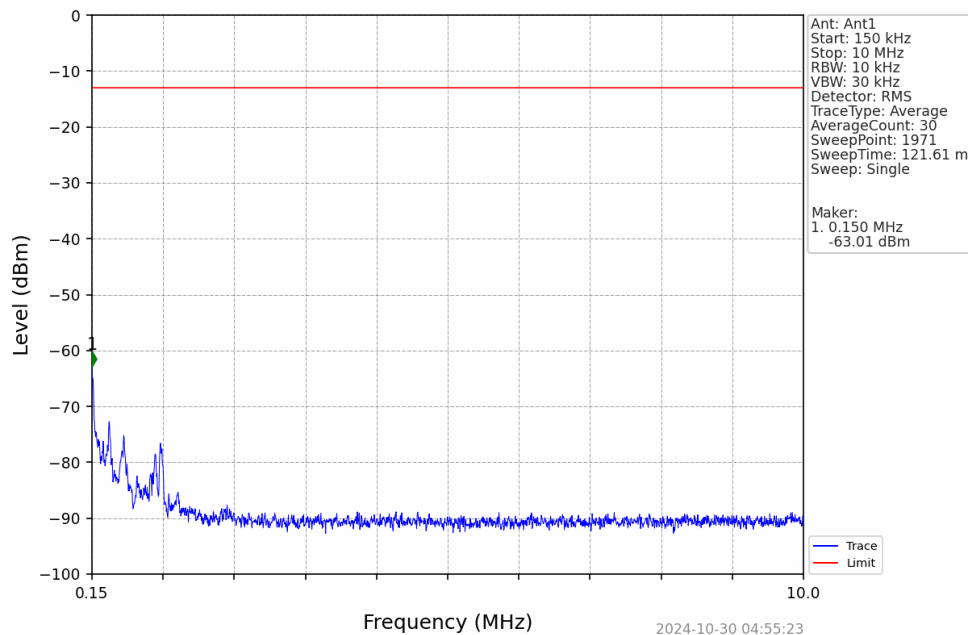
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



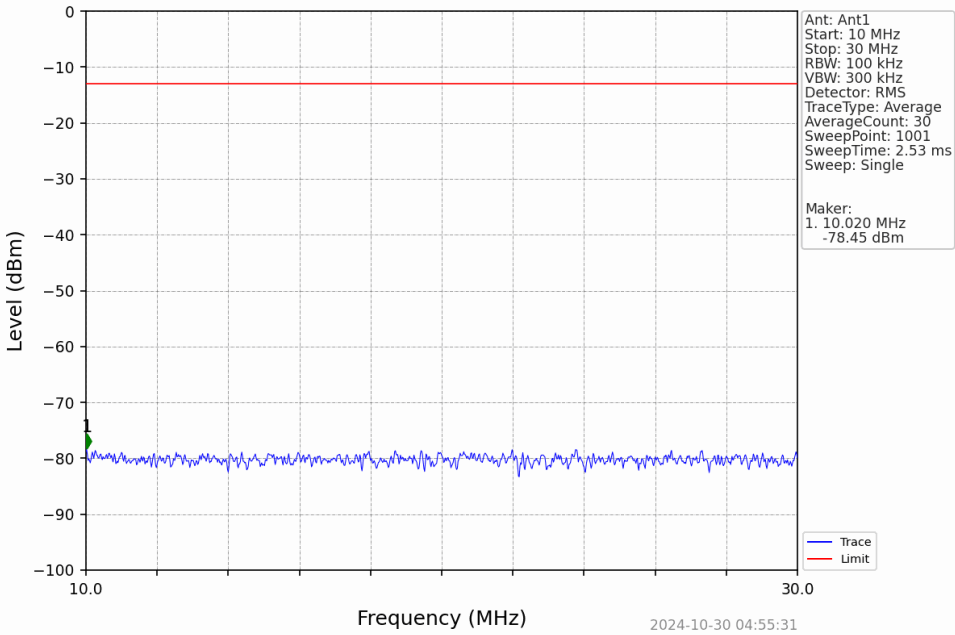
Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN



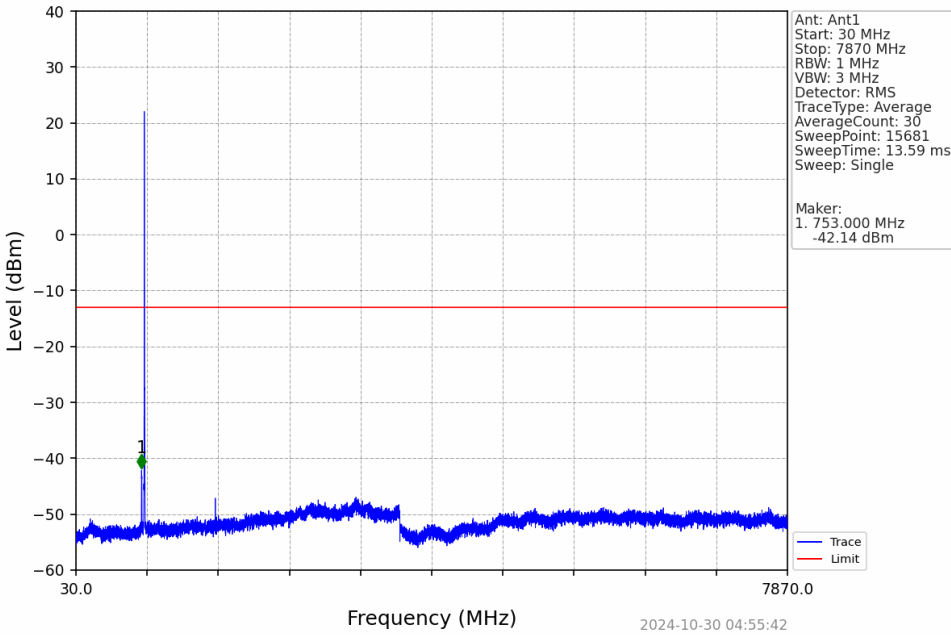
Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN



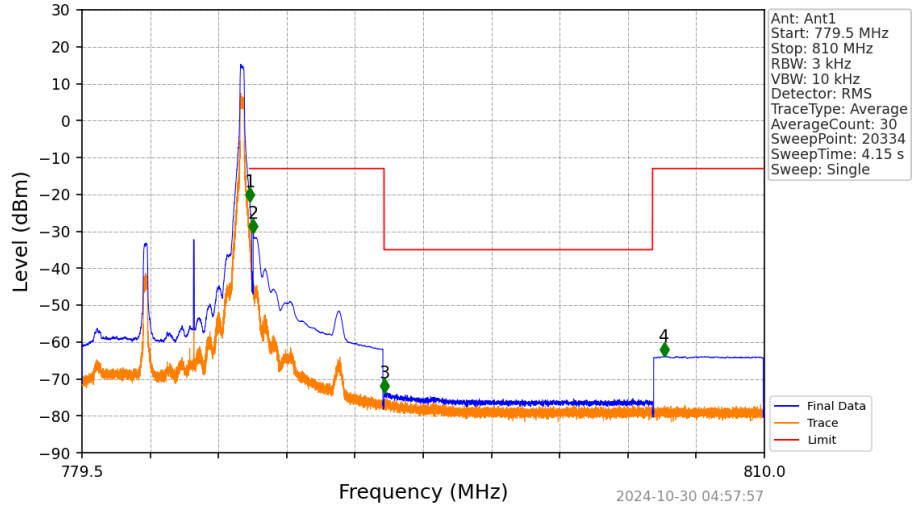
Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN



Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN

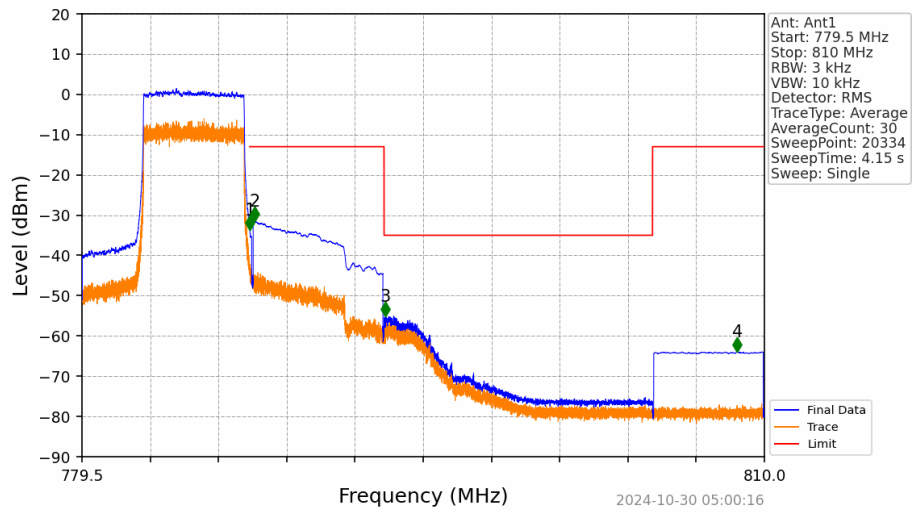


Band13 5MHz QPSK HCH 784.5MHz RB 1 24 NTNV



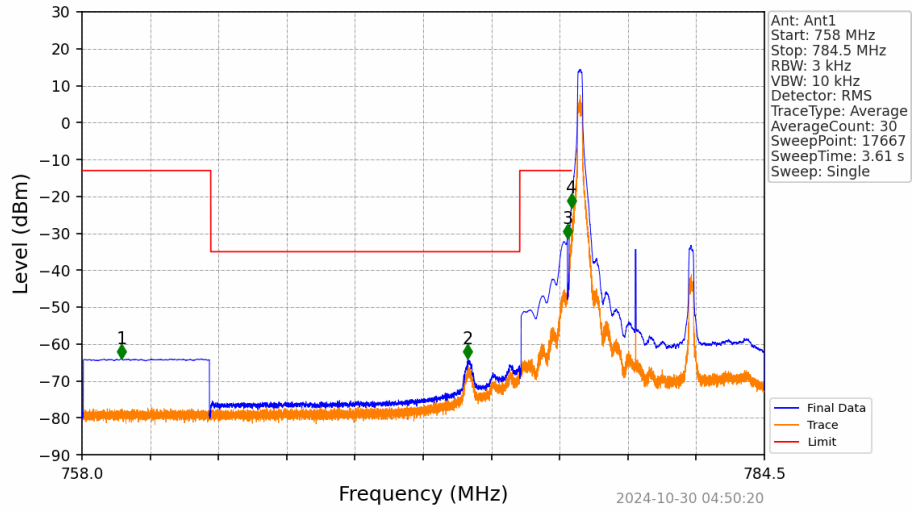
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-21.96	-13	Pass
787.1	793	0.1	CHP	2	787.150	-30.41	-13	Pass
793	805	0.00625	CHP	3	793.035	-73.78	-35	Pass
805	810	0.1	CHP	4	805.518	-63.89	-13	Pass

Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



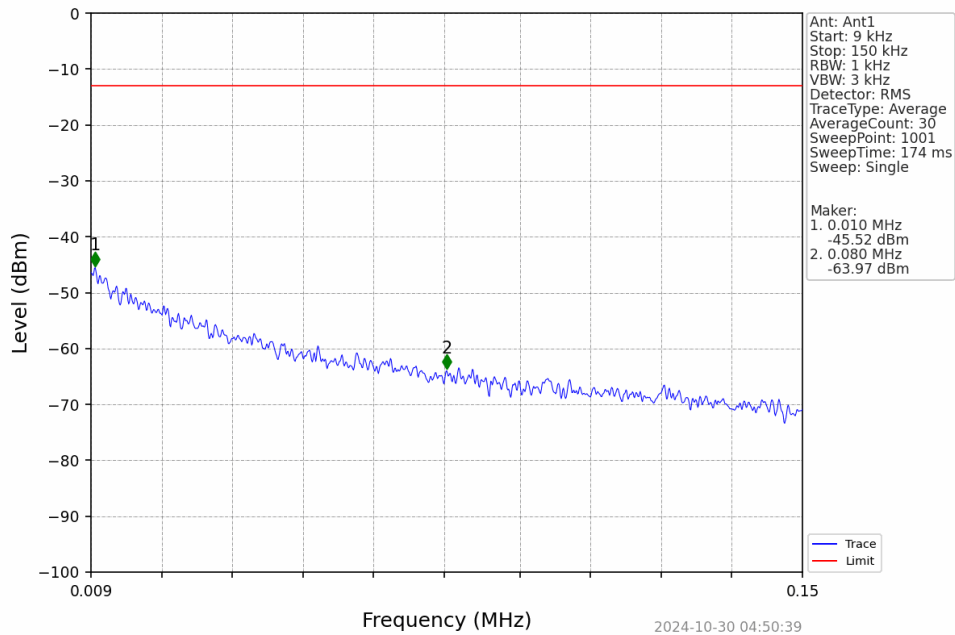
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.002	-33.69	-13	Pass
787.1	793	0.1	CHP	2	787.222	-31.49	-13	Pass
793	805	0.00625	CHP	3	793.071	-55.02	-35	Pass
805	810	0.1	CHP	4	808.780	-63.87	-13	Pass

Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTV

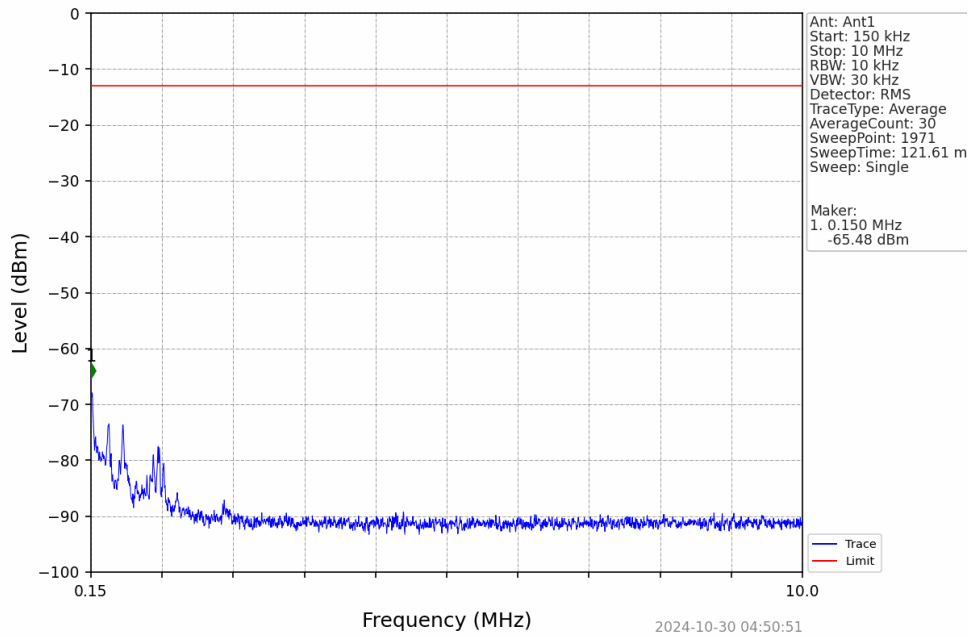


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.532	-64.00	-13	Pass
763	775	0.00625	CHP	2	772.983	-64.03	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.42	-13	Pass
776.9	777	0.03	CHP	4	777.000	-22.97	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

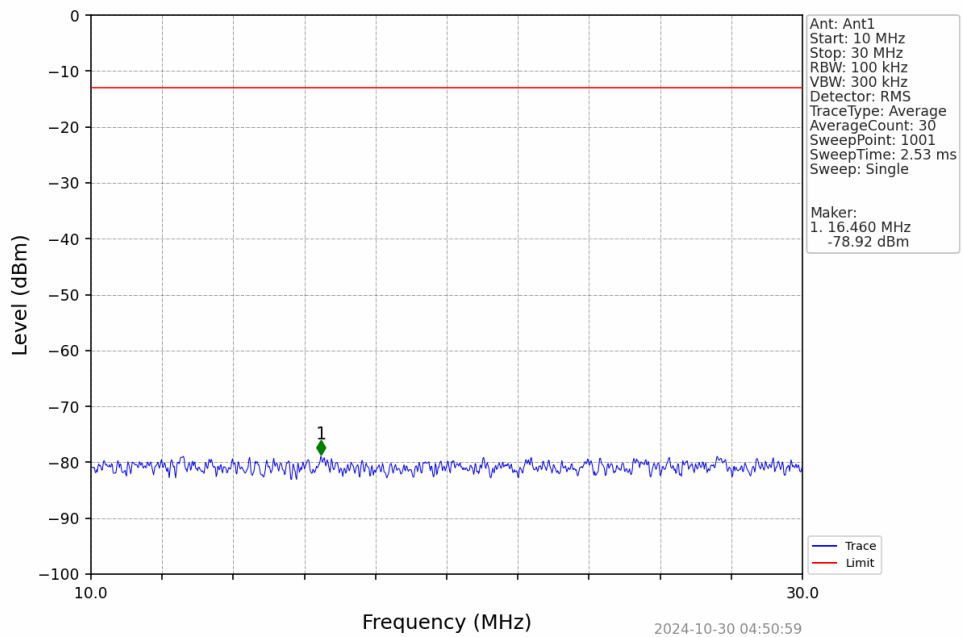
Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTV



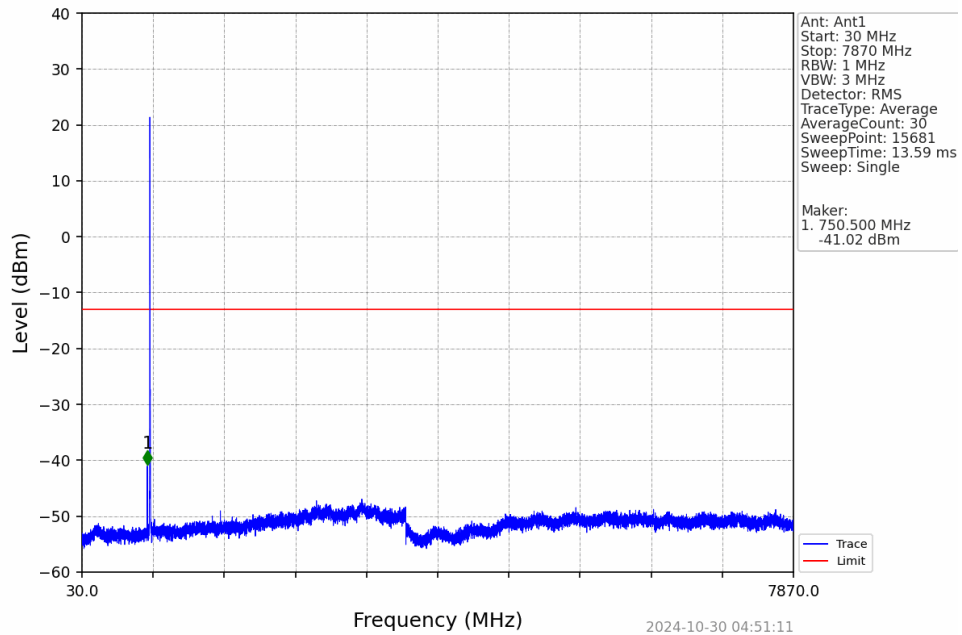
Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTNV



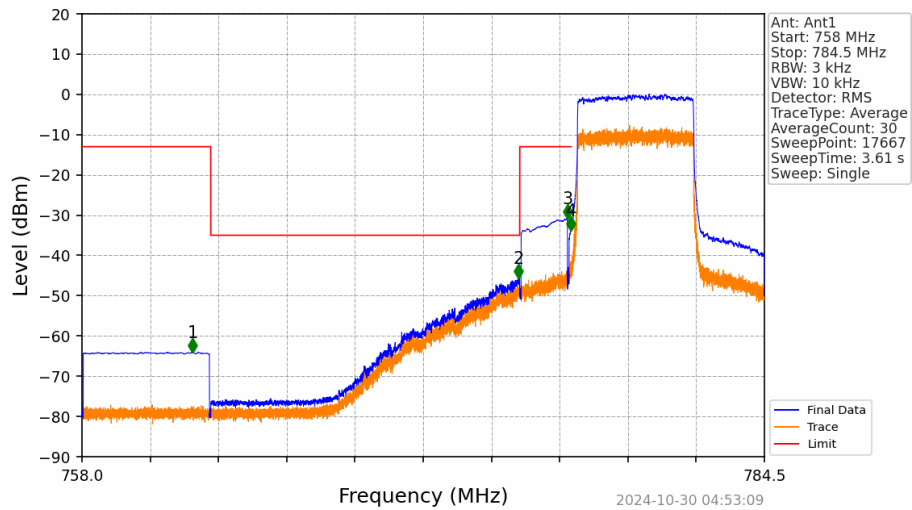
Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTNV



Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTNV

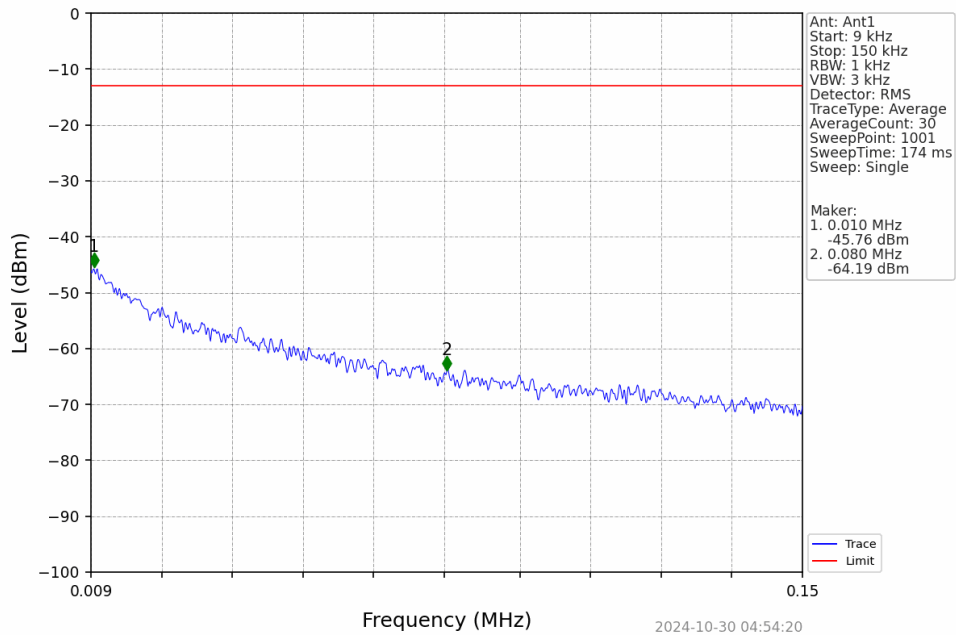


Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV

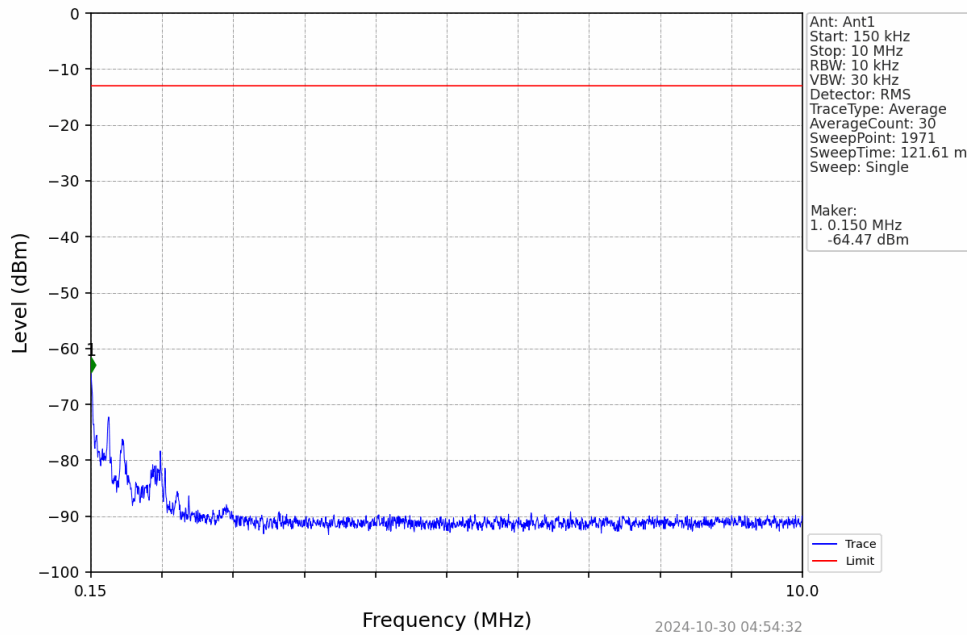


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.307	-64.02	-13	Pass
763	775	0.00625	CHP	2	774.945	-45.74	-35	Pass
775	776.9	0.1	CHP	3	776.847	-30.85	-13	Pass
776.9	777	0.03	CHP	4	776.988	-33.77	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

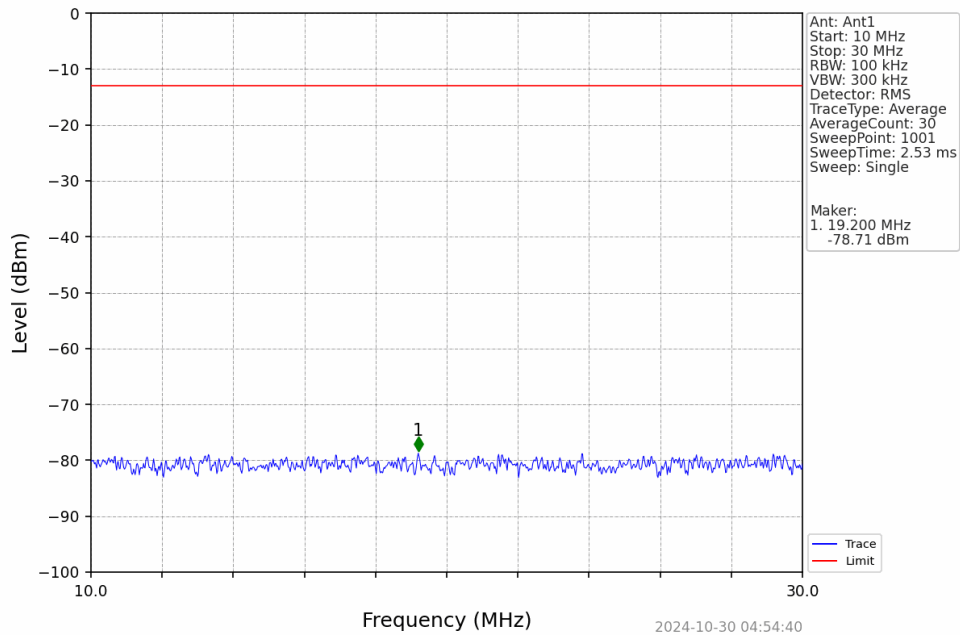
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTNV



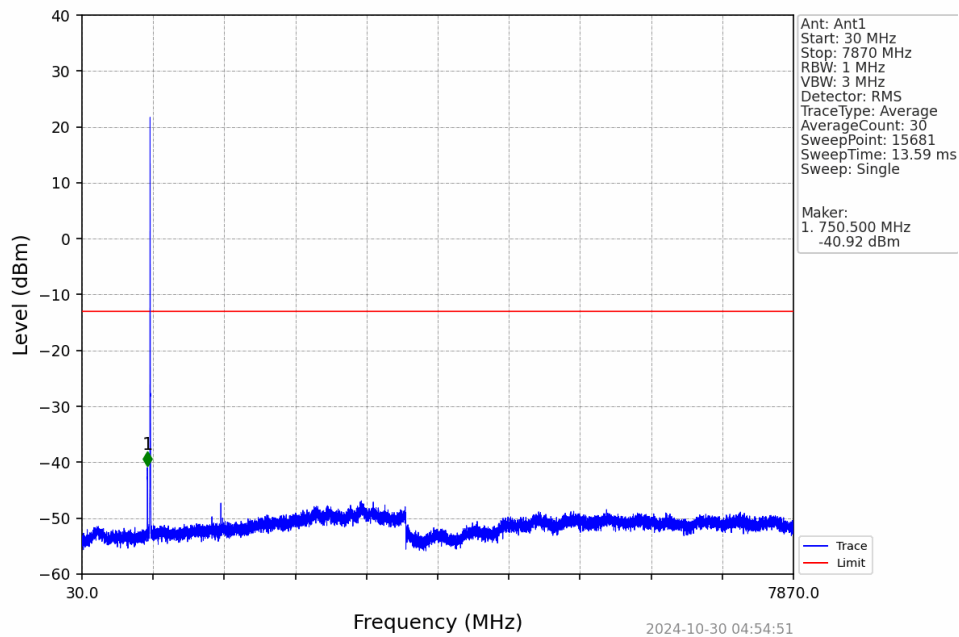
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTNV



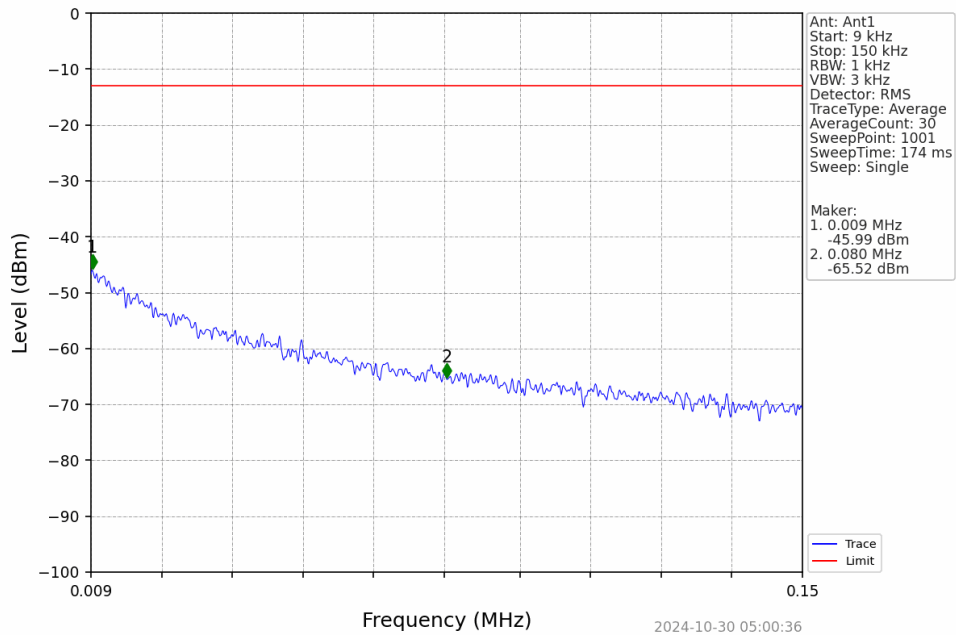
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTN



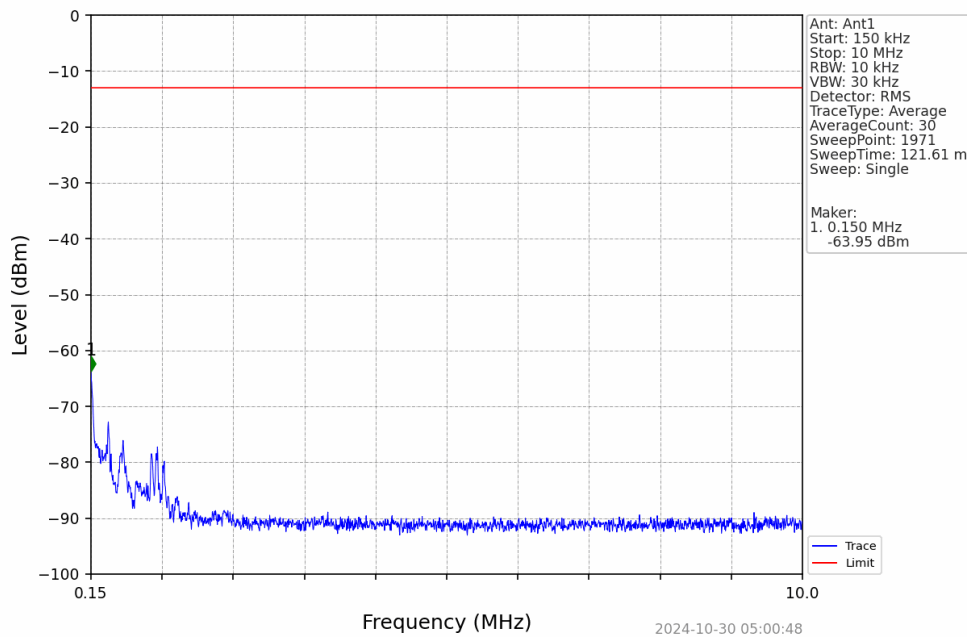
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTN



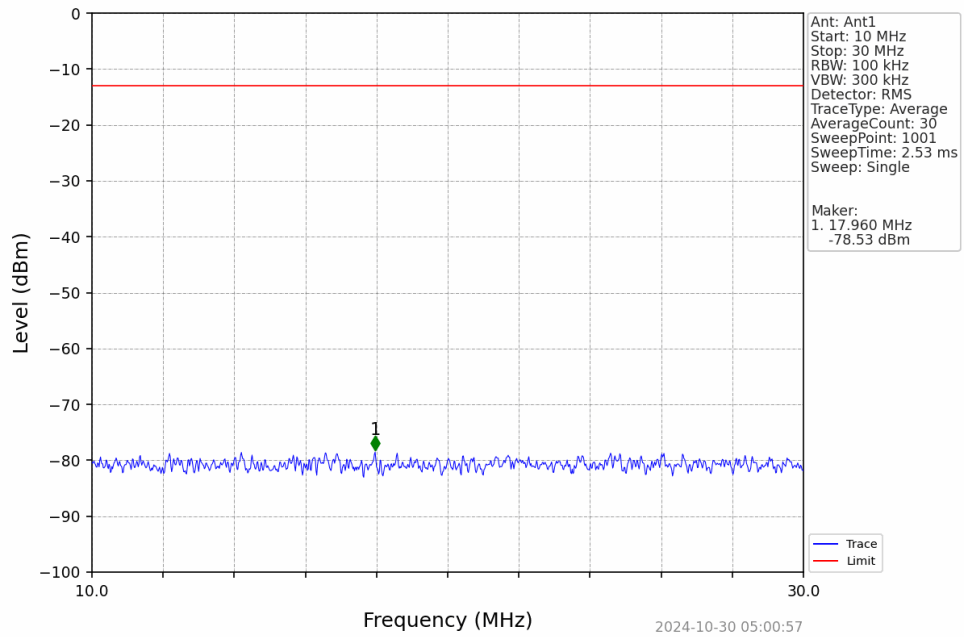
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTV



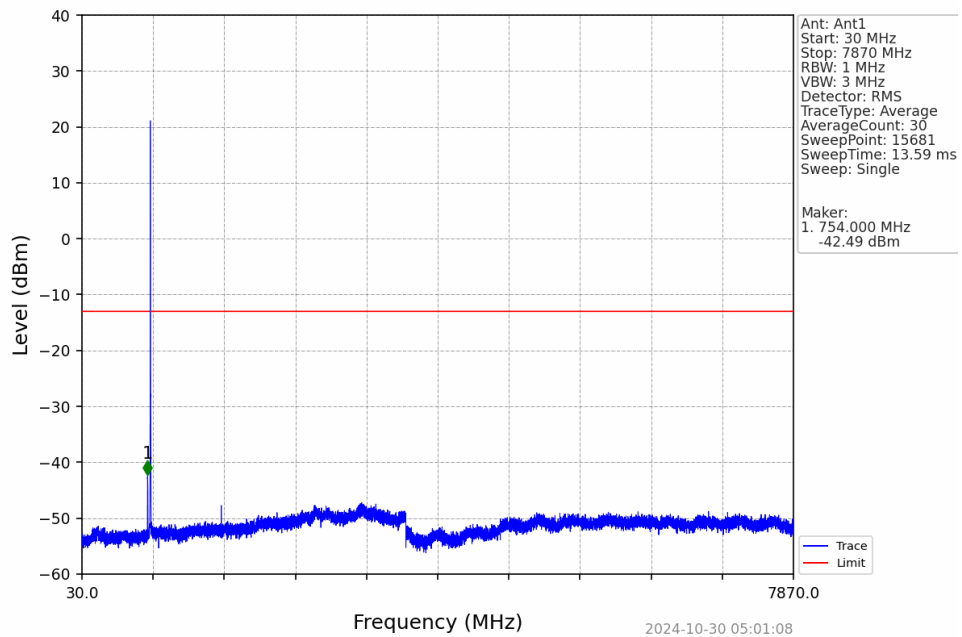
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTV



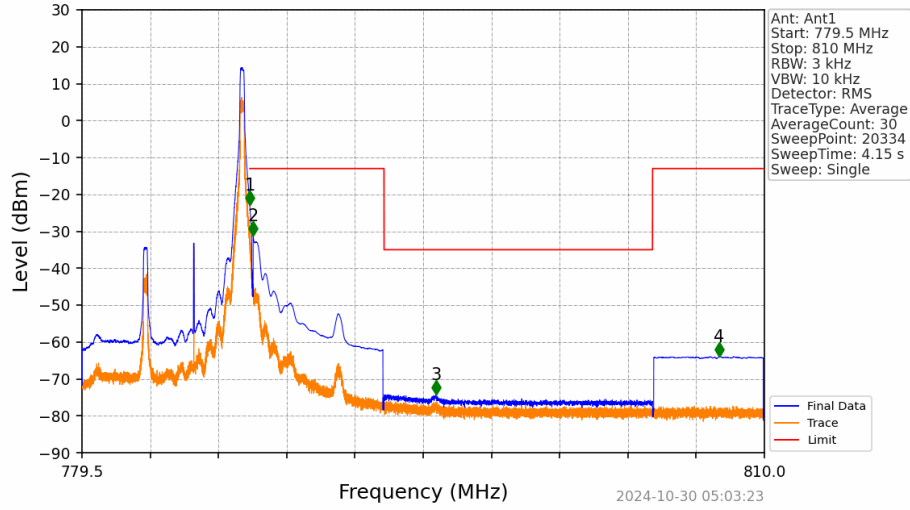
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTNV



Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTNV

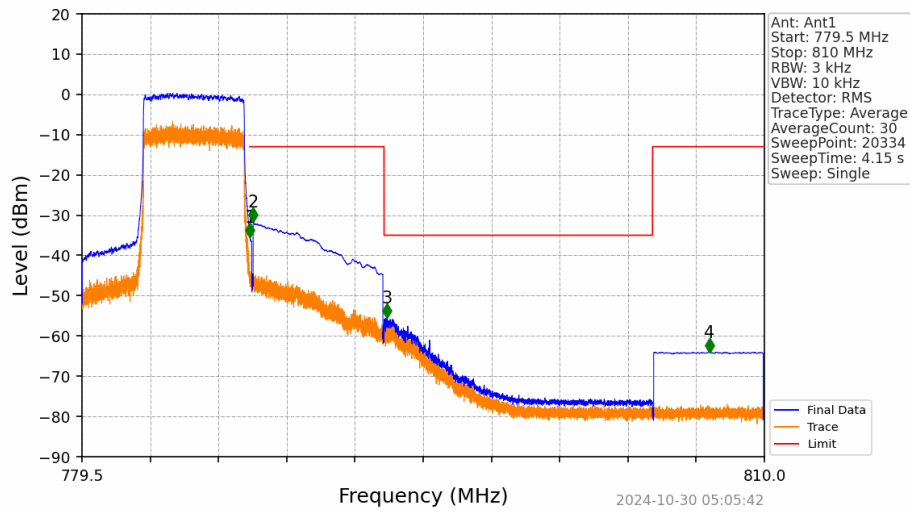


Band13 5MHz 16QAM HCH 784.5MHz RB 1 24 NTNV



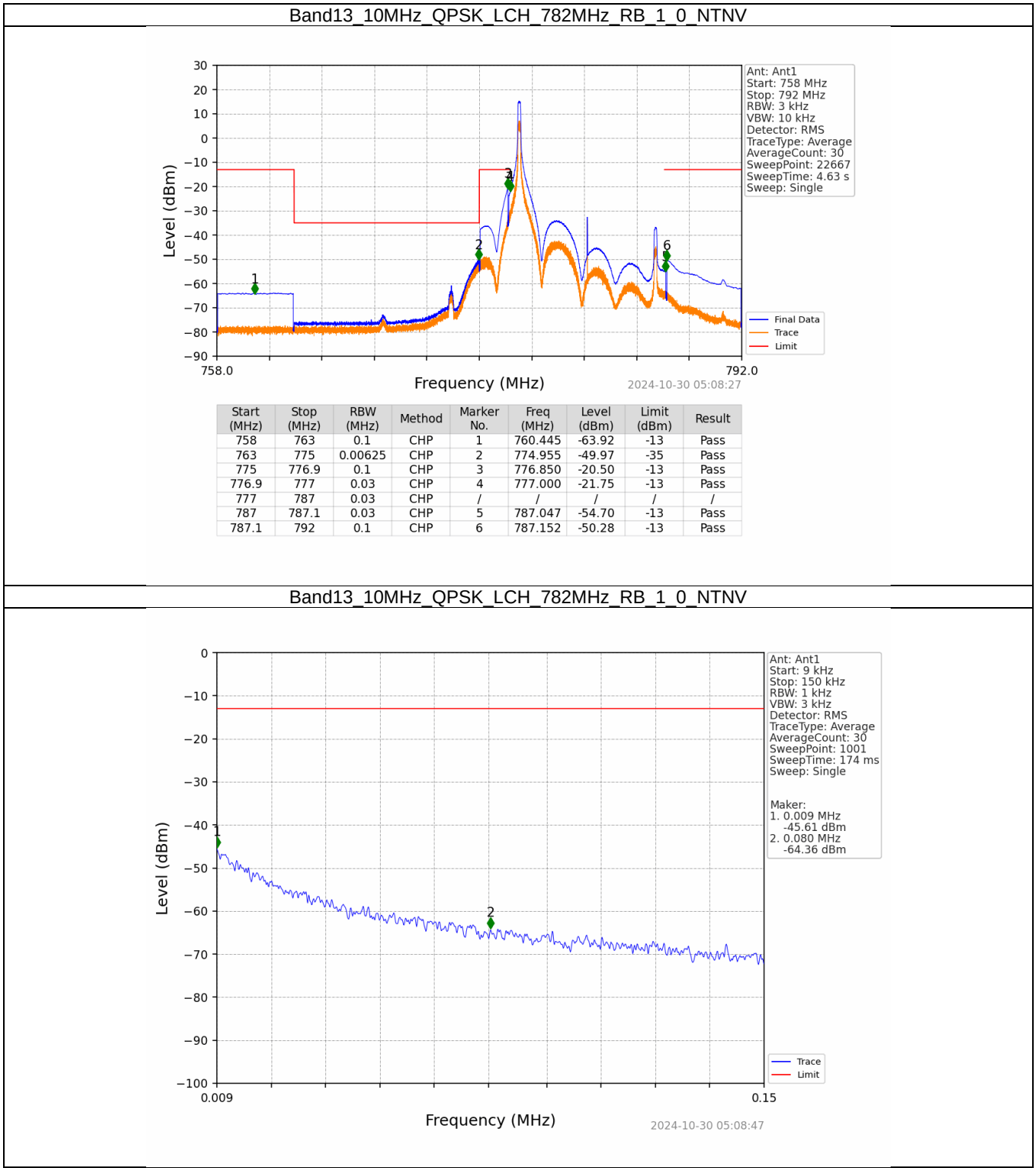
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-22.75	-13	Pass
787.1	793	0.1	CHP	2	787.150	-31.08	-13	Pass
793	805	0.00625	CHP	3	795.327	-74.17	-35	Pass
805	810	0.1	CHP	4	807.982	-63.96	-13	Pass

Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV

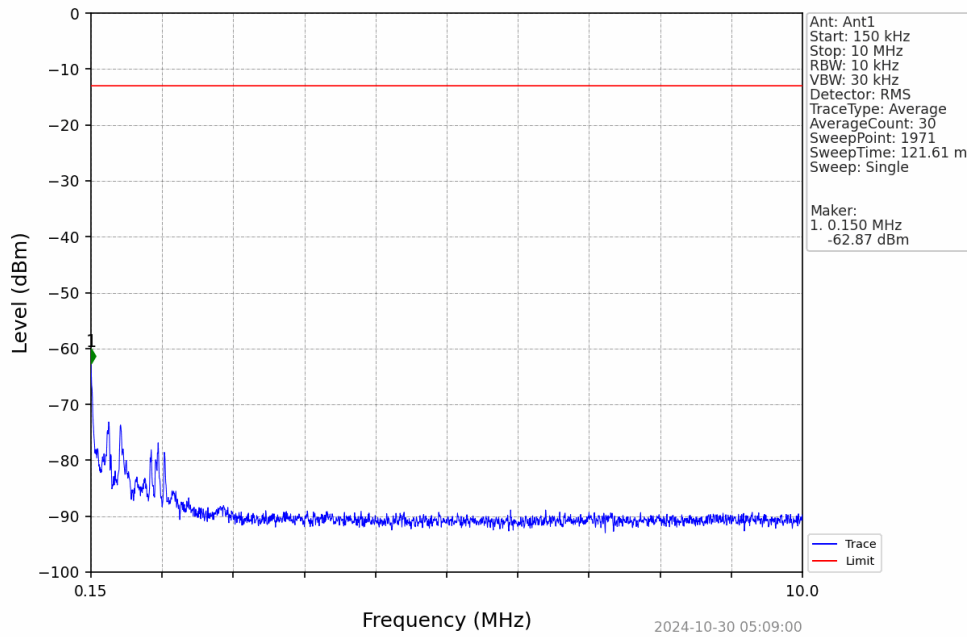


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-35.37	-13	Pass
787.1	793	0.1	CHP	2	787.159	-31.62	-13	Pass
793	805	0.00625	CHP	3	793.114	-55.48	-35	Pass
805	810	0.1	CHP	4	807.538	-64.00	-13	Pass

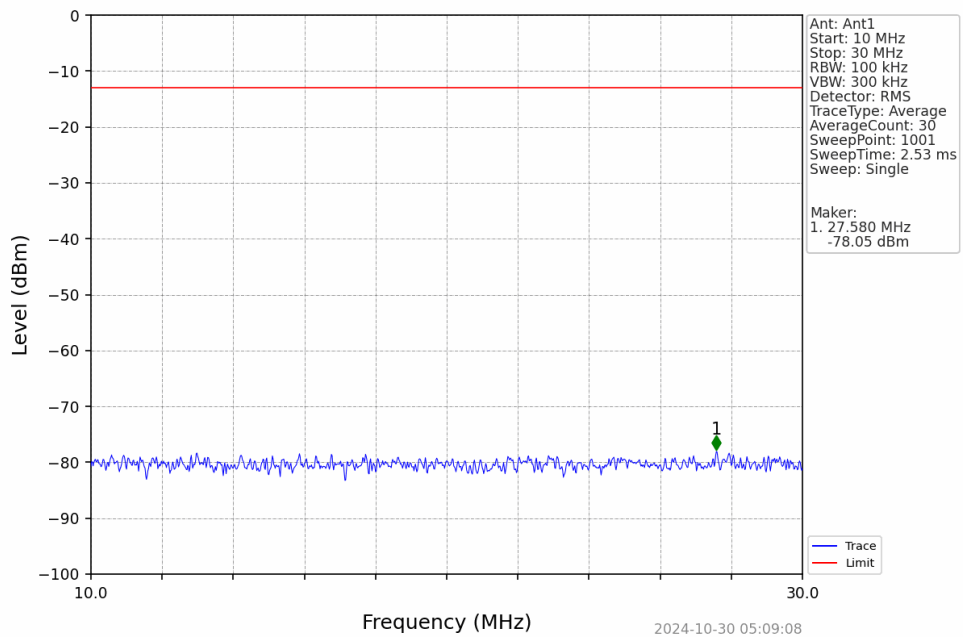
6.2.2 B13_10MHz



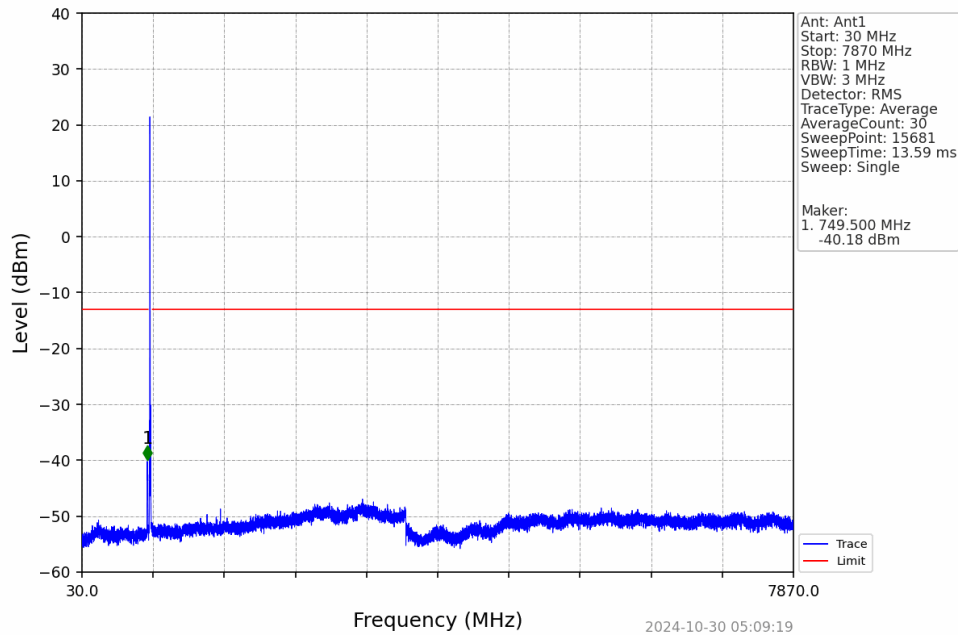
Band13 10MHz QPSK LCH 782MHz RB 1 0 NTNV



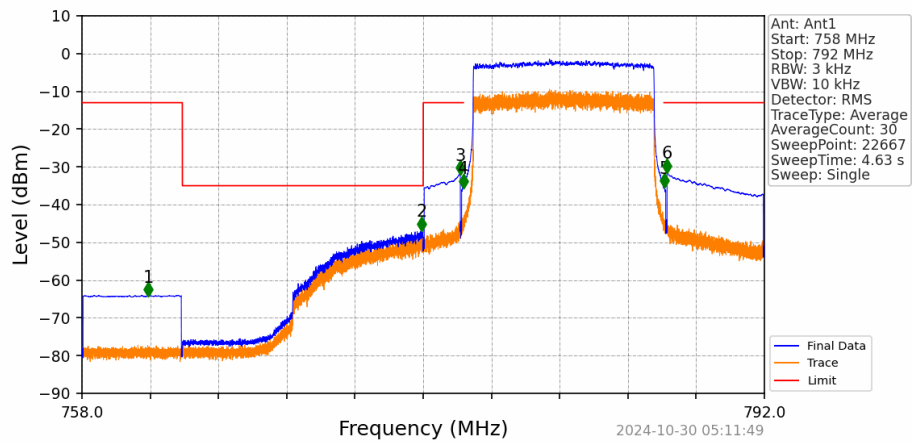
Band13 10MHz QPSK LCH 782MHz RB 1 0 NTNV



Band13 10MHz QPSK LCH 782MHz RB 1 0 NTN

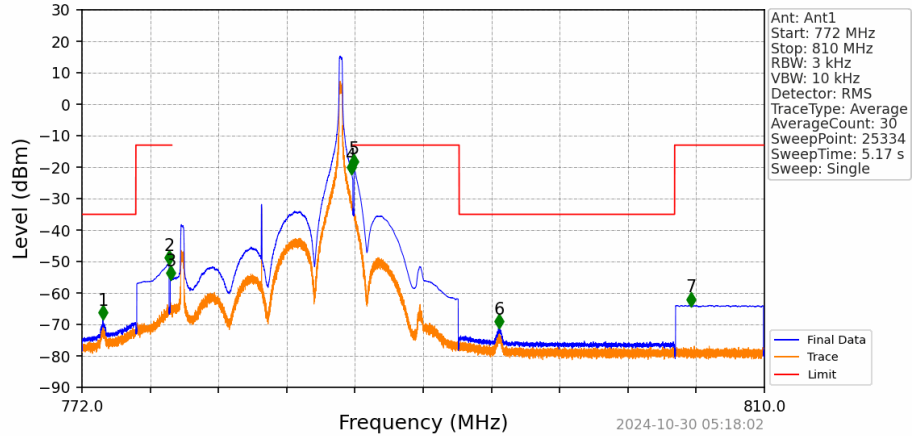


Band13 10MHz QPSK LCH 782MHz RB 50 0 NTN

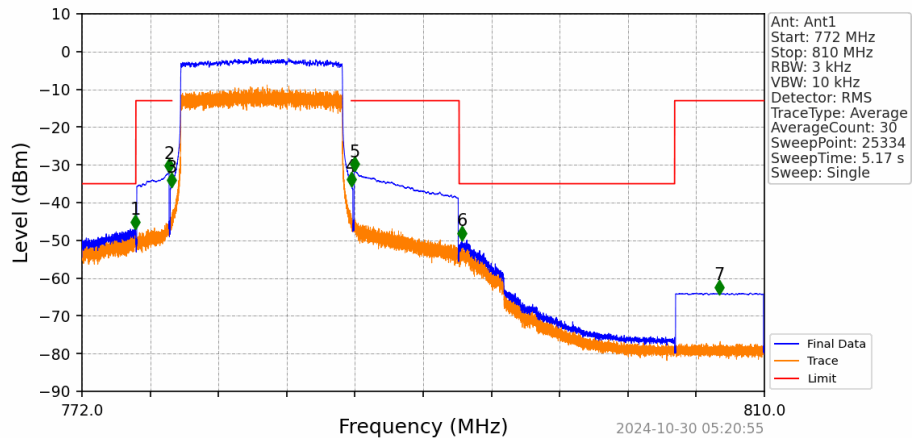


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.303	-64.00	-13	Pass
763	775	0.00625	CHP	2	774.938	-46.66	-35	Pass
775	776.9	0.1	CHP	3	776.839	-31.84	-13	Pass
776.9	777	0.03	CHP	4	777.000	-35.34	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.009	-35.26	-13	Pass
787.1	792	0.1	CHP	6	787.150	-31.23	-13	Pass

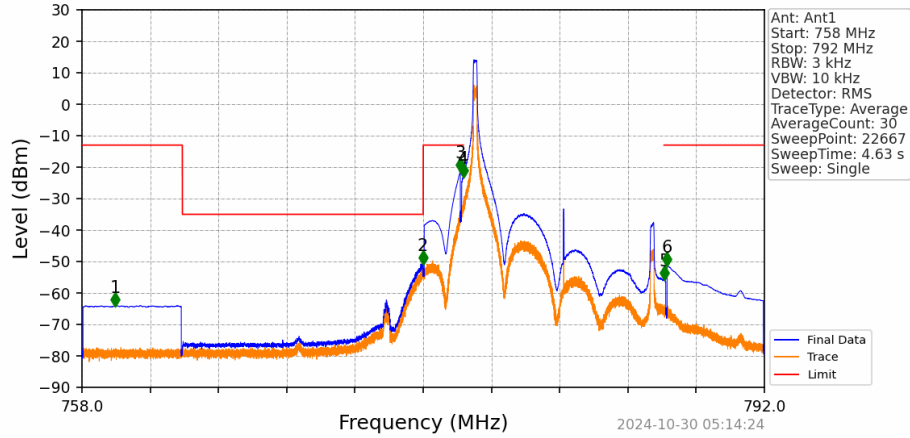
Band13 10MHz QPSK HCH 782MHz RB 1 49 NTNV



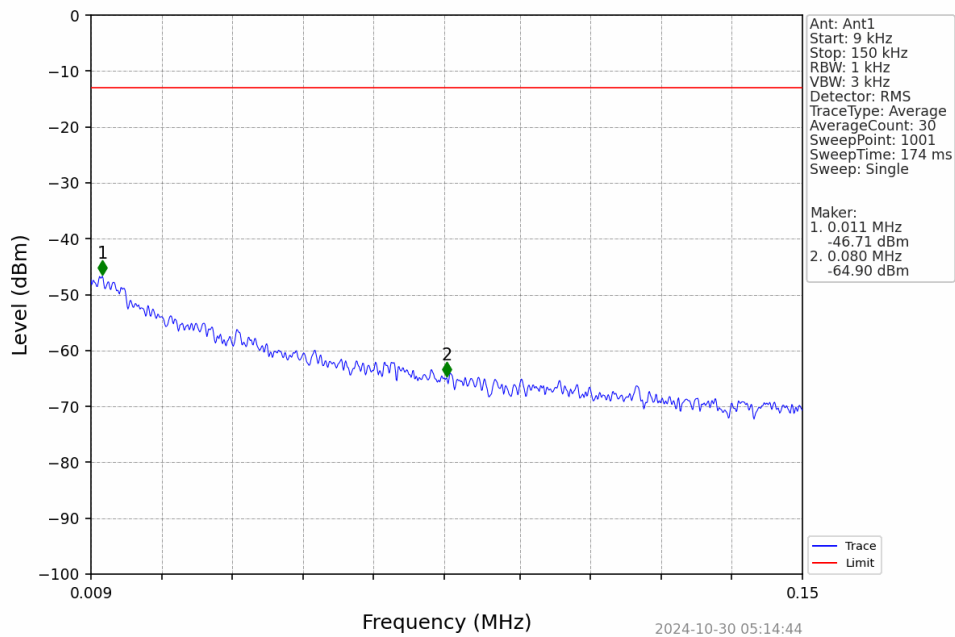
Band13 10MHz QPSK HCH 782MHz RB 50 0 NTNV



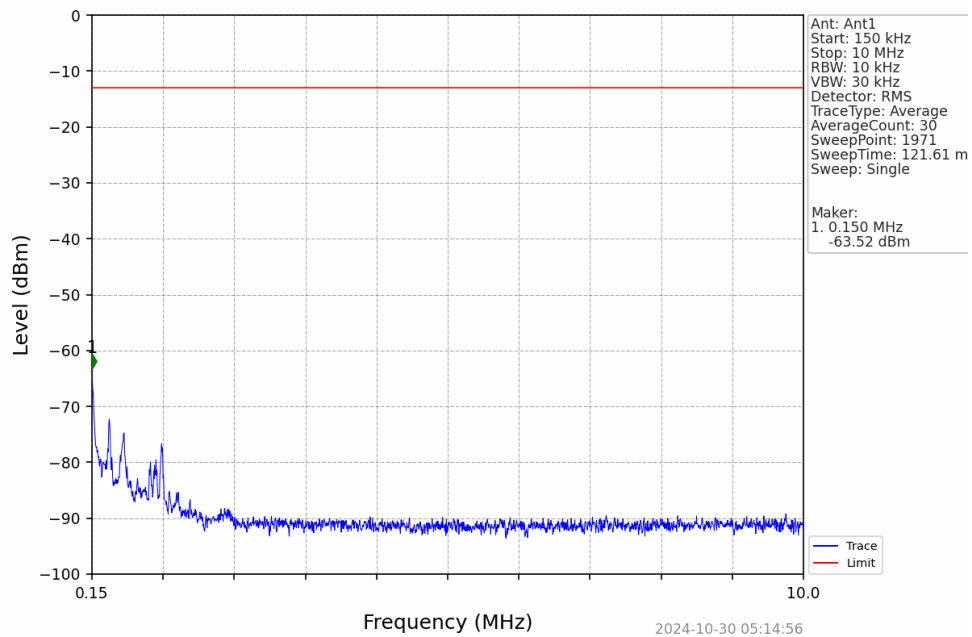
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV



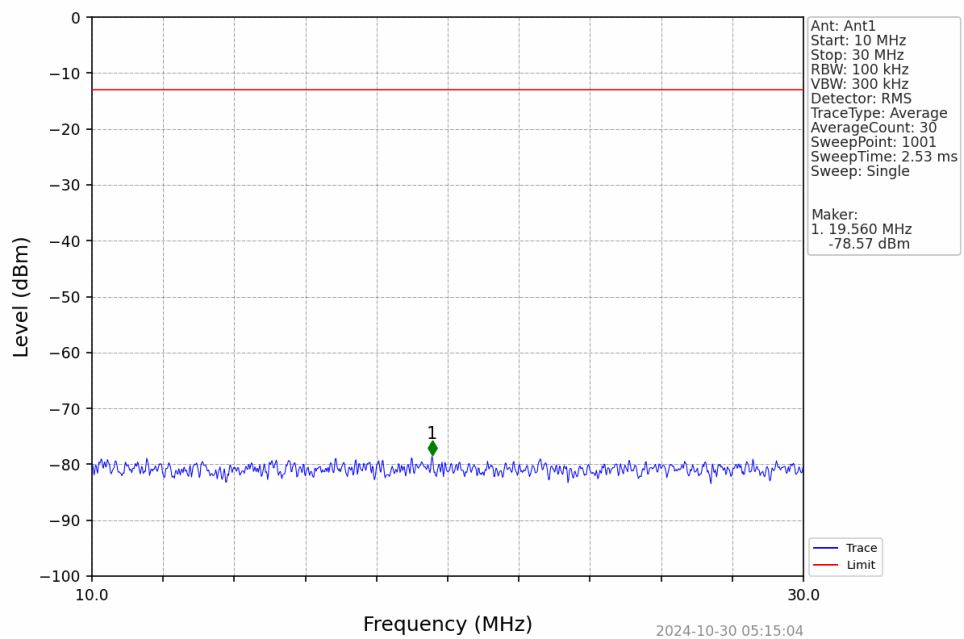
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV



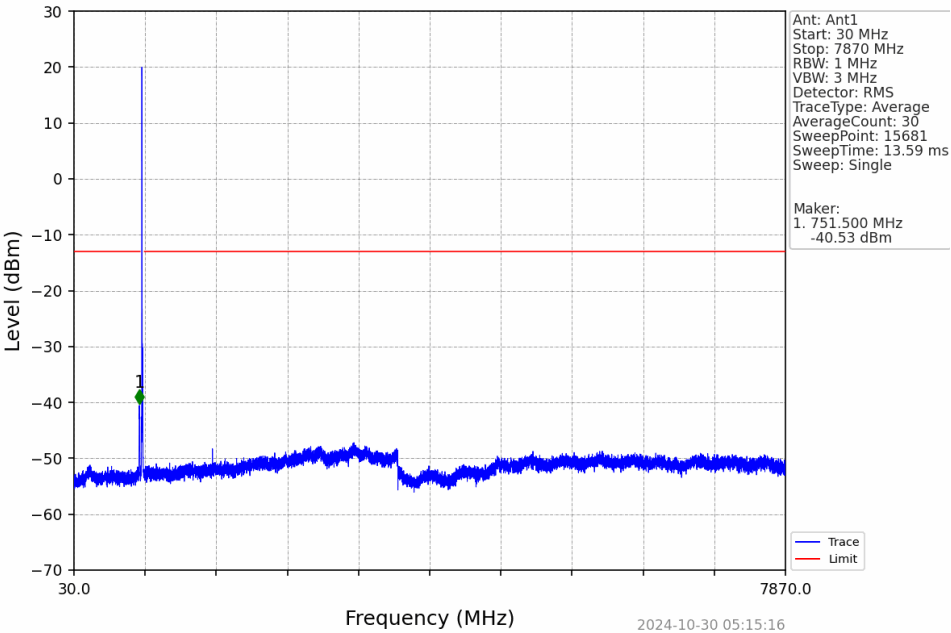
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTN



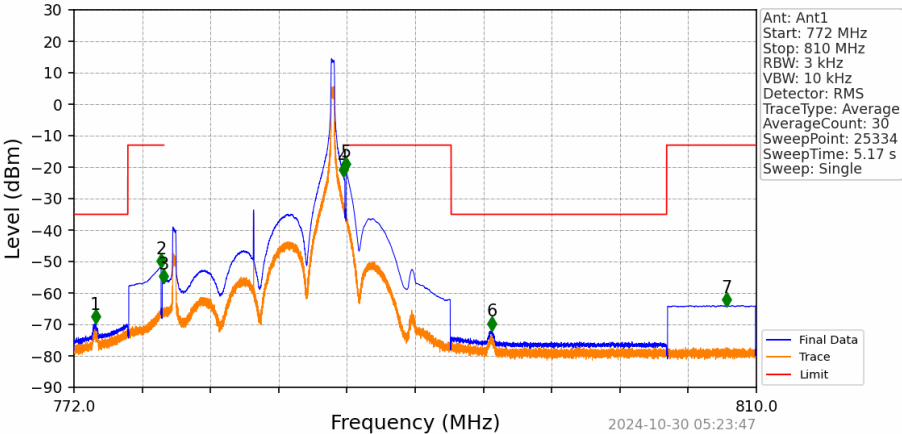
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTN



Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTN



Band13 10MHz 16QAM HCH 782MHz RB 1 49 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.196	-69.42	-35	Pass
775	776.9	0.1	CHP	2	776.847	-51.69	-13	Pass
776.9	777	0.03	CHP	3	776.979	-56.52	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-22.75	-13	Pass
787.1	793	0.1	CHP	5	787.150	-20.90	-13	Pass
793	805	0.00625	CHP	6	795.253	-71.53	-35	Pass
805	810	0.1	CHP	7	808.347	-63.93	-13	Pass