

1. Effective (Isotropic) Radiated Power Output Data

1.1 B13_5MHz_ERP

1.1.1 Test Result

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	21.76	-3.72	15.89	<=34.77	Pass
			13	21.94	-3.72	16.07	<=34.77	Pass
			24	21.75	-3.72	15.88	<=34.77	Pass
		12	0	20.79	-3.72	14.92	<=34.77	Pass
			6	20.85	-3.72	14.98	<=34.77	Pass
			13	20.81	-3.72	14.94	<=34.77	Pass
		25	0	20.85	-3.72	14.98	<=34.77	Pass
	782	1	0	21.68	-3.72	15.81	<=34.77	Pass
			13	21.80	-3.72	15.93	<=34.77	Pass
			24	21.73	-3.72	15.86	<=34.77	Pass
		12	0	20.75	-3.72	14.88	<=34.77	Pass
			6	20.79	-3.72	14.92	<=34.77	Pass
			13	20.73	-3.72	14.86	<=34.77	Pass
		25	0	20.75	-3.72	14.88	<=34.77	Pass
	784.5	1	0	21.70	-3.72	15.83	<=34.77	Pass
			13	21.84	-3.72	15.97	<=34.77	Pass
			24	21.68	-3.72	15.81	<=34.77	Pass
		12	0	20.75	-3.72	14.88	<=34.77	Pass
			6	20.81	-3.72	14.94	<=34.77	Pass
			13	20.68	-3.72	14.81	<=34.77	Pass
		25	0	20.78	-3.72	14.91	<=34.77	Pass
16QAM	779.5	1	0	20.57	-3.72	14.70	<=34.77	Pass
			13	20.70	-3.72	14.83	<=34.77	Pass
			24	20.59	-3.72	14.72	<=34.77	Pass
		12	0	19.78	-3.72	13.91	<=34.77	Pass
			6	19.85	-3.72	13.98	<=34.77	Pass
			13	19.84	-3.72	13.97	<=34.77	Pass
		25	0	19.82	-3.72	13.95	<=34.77	Pass
	782	1	0	20.86	-3.72	14.99	<=34.77	Pass
			13	20.87	-3.72	15.00	<=34.77	Pass
			24	20.82	-3.72	14.95	<=34.77	Pass
		12	0	19.70	-3.72	13.83	<=34.77	Pass
			6	19.80	-3.72	13.93	<=34.77	Pass
			13	19.71	-3.72	13.84	<=34.77	Pass
		25	0	19.74	-3.72	13.87	<=34.77	Pass
	784.5	1	0	20.92	-3.72	15.05	<=34.77	Pass
			13	21.02	-3.72	15.15	<=34.77	Pass
			24	20.95	-3.72	15.08	<=34.77	Pass
		12	0	19.82	-3.72	13.95	<=34.77	Pass
			6	19.87	-3.72	14.00	<=34.77	Pass
			13	19.74	-3.72	13.87	<=34.77	Pass
		25	0	19.75	-3.72	13.88	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B13_10MHz_ERP

1.2.1 Test Result

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	22.30	-3.72	16.43	<=34.77	Pass
			25	22.39	-3.72	16.52	<=34.77	Pass
			49	21.78	-3.72	15.91	<=34.77	Pass
		25	0	20.78	-3.72	14.91	<=34.77	Pass
			13	20.88	-3.72	15.01	<=34.77	Pass
			25	20.77	-3.72	14.90	<=34.77	Pass
		50	0	20.81	-3.72	14.94	<=34.77	Pass
16QAM	782	1	0	20.83	-3.72	14.96	<=34.77	Pass
			25	20.98	-3.72	15.11	<=34.77	Pass
			49	20.71	-3.72	14.84	<=34.77	Pass
		25	0	19.86	-3.72	13.99	<=34.77	Pass
			13	19.95	-3.72	14.08	<=34.77	Pass
			25	19.86	-3.72	13.99	<=34.77	Pass
		50	0	19.80	-3.72	13.93	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B13_5MHz

2.1.1 Test Result

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	-0.887	-0.0011	-2.5 to 2.5	Pass
					3.85	0.186	0.0002	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.762	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-5.865	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-3.591	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-19.484	-0.0250	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0059	-2.5 to 2.5	Pass
				782	25	0	20	3.27	-9.785
	3.85	-3.104	-0.0040					-2.5 to 2.5	Pass
	4.43	-5.980	-0.0076					-2.5 to 2.5	Pass
	-30	3.85	-6.137				-0.0078	-2.5 to 2.5	Pass
	-20	3.85	-3.834				-0.0049	-2.5 to 2.5	Pass
	-10	3.85	-3.963				-0.0051	-2.5 to 2.5	Pass
	0	3.85	-6.952				-0.0089	-2.5 to 2.5	Pass
	10	3.85	-7.267				-0.0093	-2.5 to 2.5	Pass
	30	3.85	-7.839				-0.0100	-2.5 to 2.5	Pass
	40	3.85	-11.415				-0.0146	-2.5 to 2.5	Pass
	50	3.85	-7.782				-0.0100	-2.5 to 2.5	Pass
	784.5	25	0				20	3.27	-10.300
				3.85	-4.663	-0.0059		-2.5 to 2.5	Pass

					4.43	-4.163	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-7.582	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-11.315	-0.0144	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-11.330	-0.0144	-2.5 to 2.5	Pass
				30	3.85	-13.075	-0.0167	-2.5 to 2.5	Pass
				40	3.85	-11.330	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-7.124	-0.0091	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-4.020	-0.0052	-2.5 to 2.5	Pass
					3.85	-2.246	-0.0029	-2.5 to 2.5	Pass
					4.43	-4.749	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-3.147	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-9.184	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-10.915	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-4.992	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-12.188	-0.0156	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-7.038	-0.0090	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0034	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-7.882	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-8.297	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-7.124	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-7.768	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-6.652	-0.0085	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-9.685	-0.0123	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0077	-2.5 to 2.5	Pass
					4.43	-12.832	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-8.740	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-6.380	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-8.054	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-7.653	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-10.529	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0056	-2.5 to 2.5	Pass

2.2 B13_10MHz

2.2.1 Test Result

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	-8.998	-0.0115	-2.5 to 2.5	Pass
					3.85	-11.773	-0.0151	-2.5 to 2.5	Pass
					4.43	-7.353	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-3.934	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0063	-2.5 to 2.5	Pass

				-10	3.85	-4.306	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-5.293	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-5.937	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0087	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-5.407	-0.0069	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0073	-2.5 to 2.5	Pass
					4.43	-8.225	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-6.566	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-7.410	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-5.407	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0069	-2.5 to 2.5	Pass

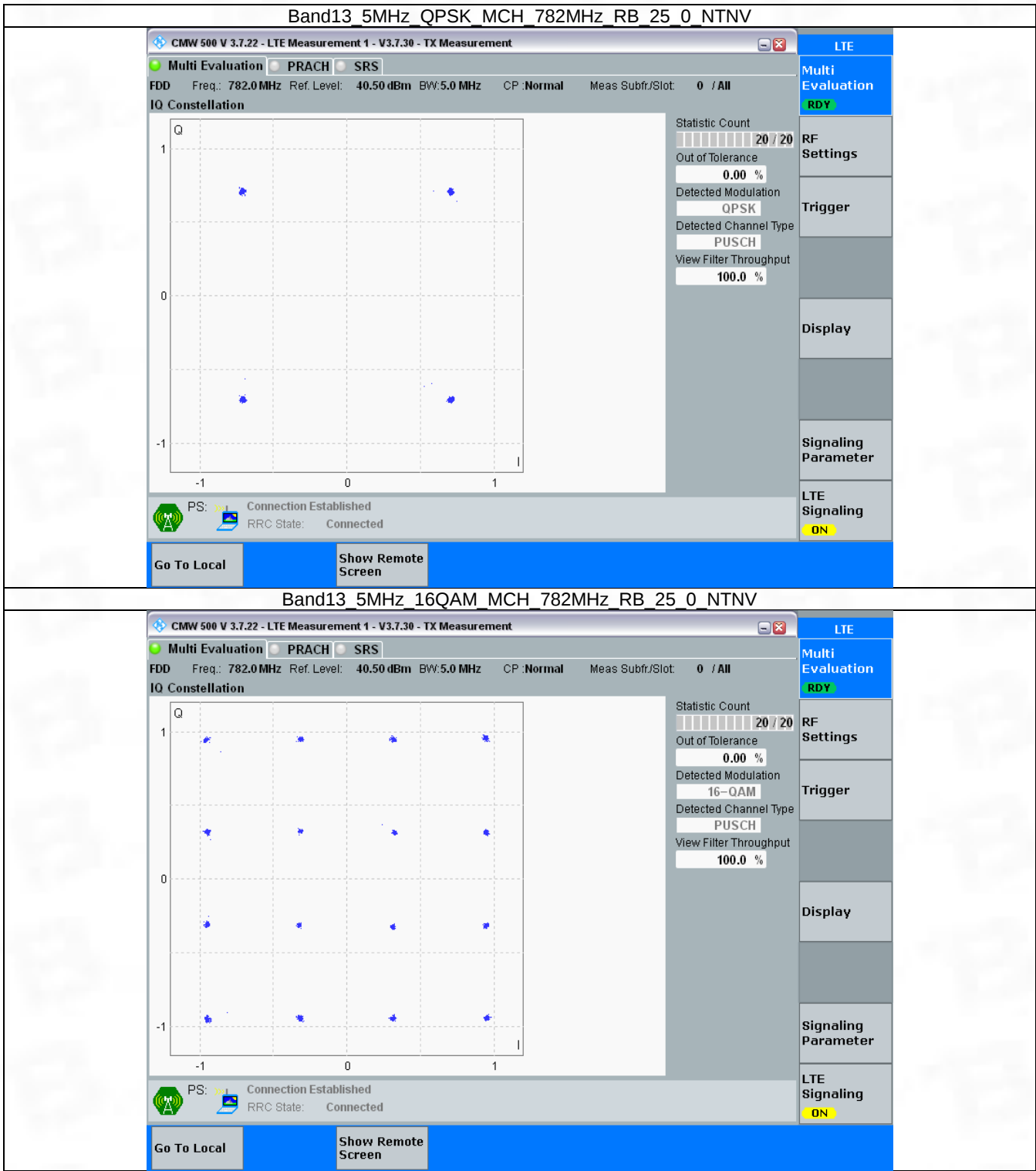
3. Modulation Characteristics

3.1 B13_5MHz

3.1.1 Test Result

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 Test Graph

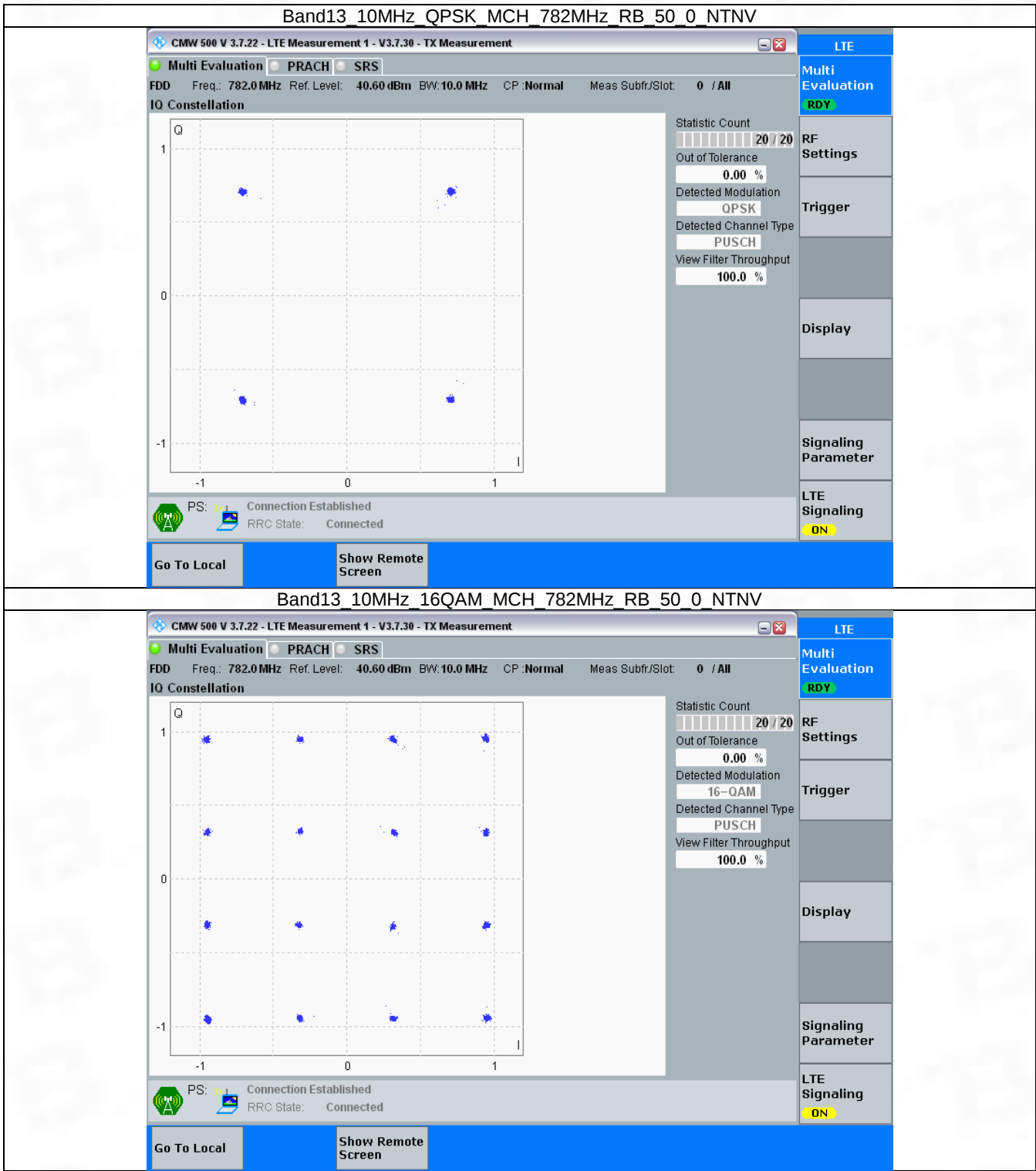


3.2 B13_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph



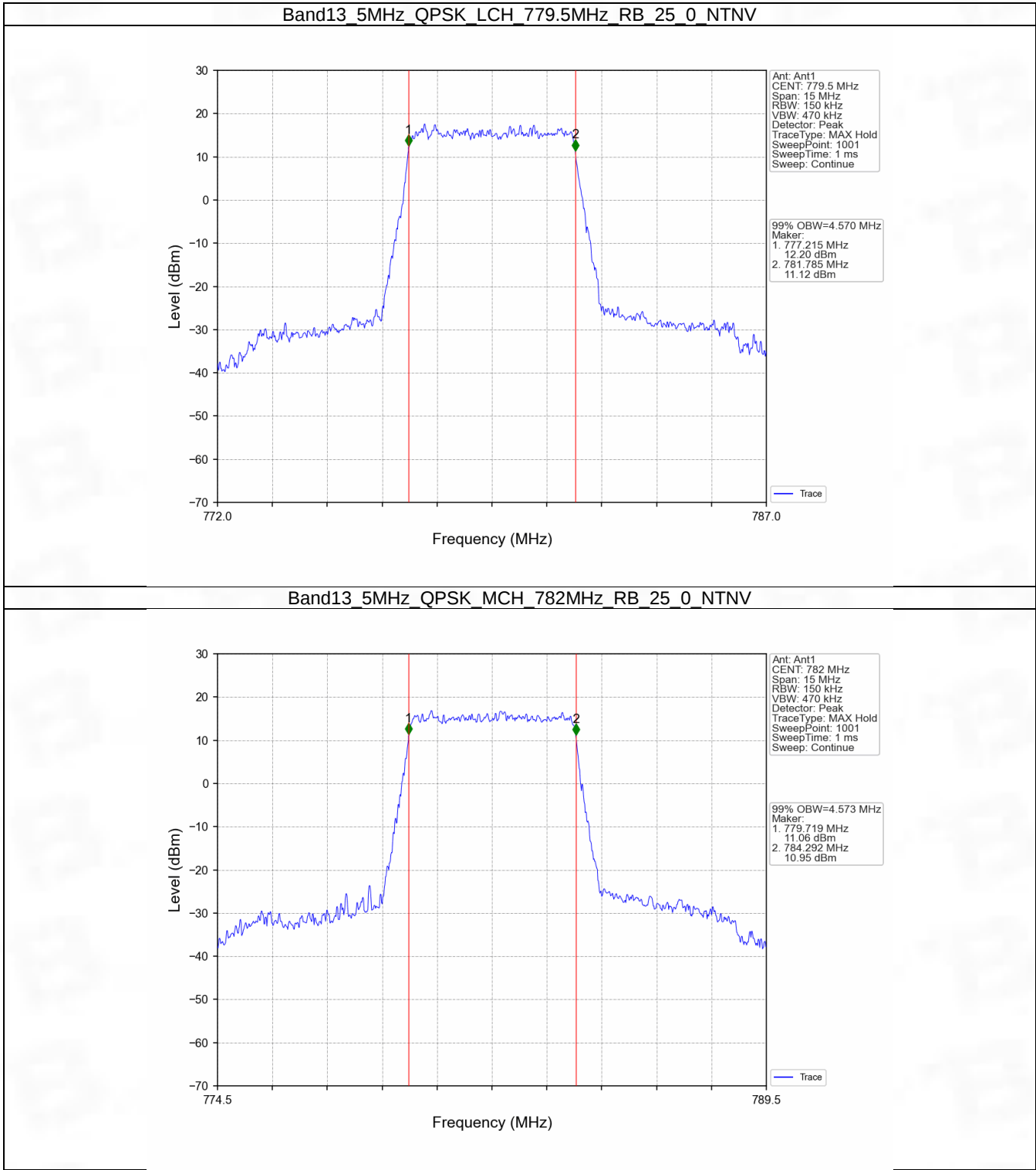
4. 99% & 26dB Bandwidth

4.1 Band13_OBW

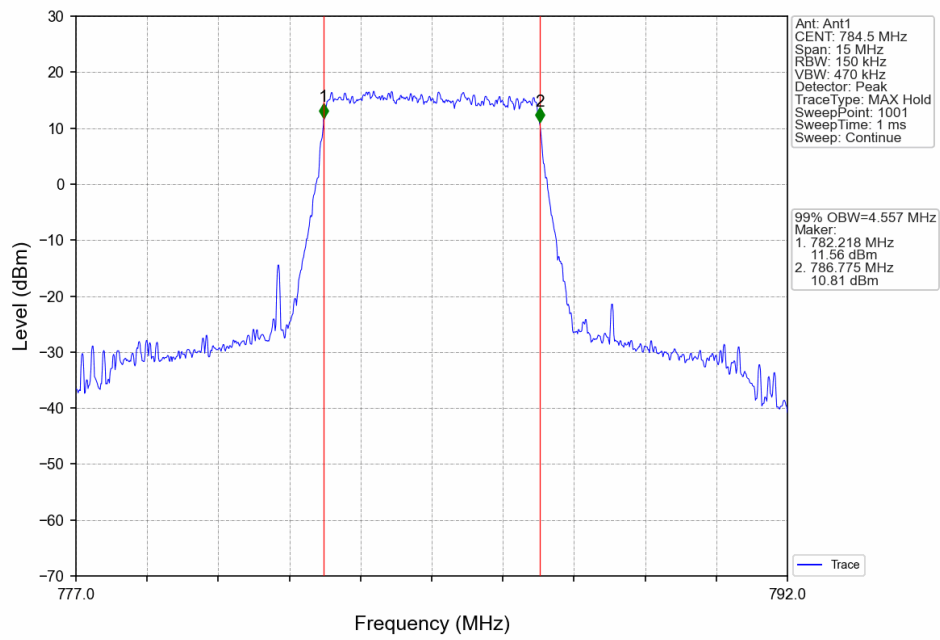
4.1.1 Test Result

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	4.570	/	Pass
		782	25	0	4.573	/	Pass
		784.5	25	0	4.557	/	Pass
	16QAM	779.5	25	0	4.547	/	Pass
		782	25	0	4.585	/	Pass
		784.5	25	0	4.586	/	Pass
10	QPSK	782	50	0	9.044	/	Pass
	16QAM	782	50	0	9.050	/	Pass

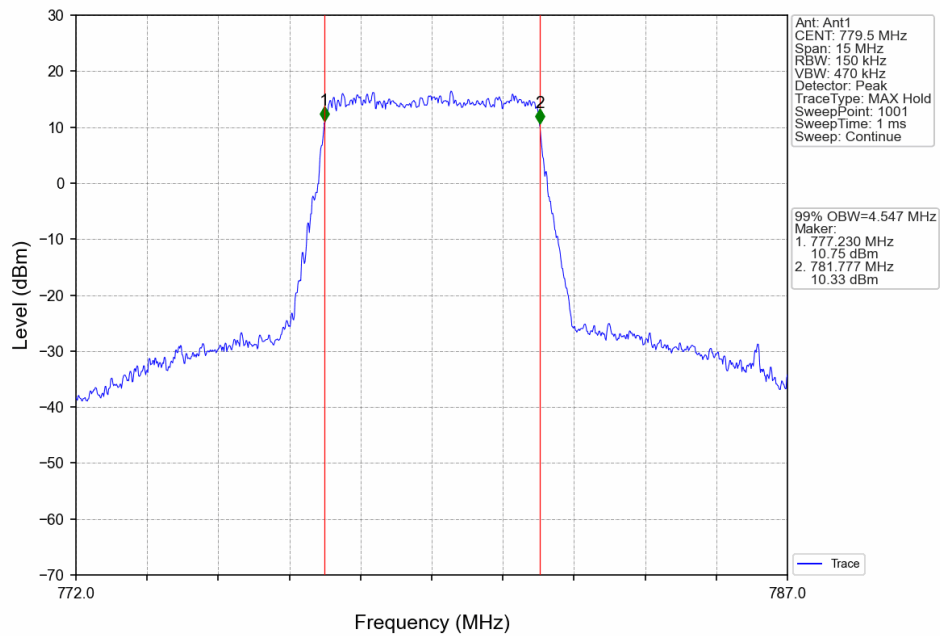
4.1.2 Test Graph



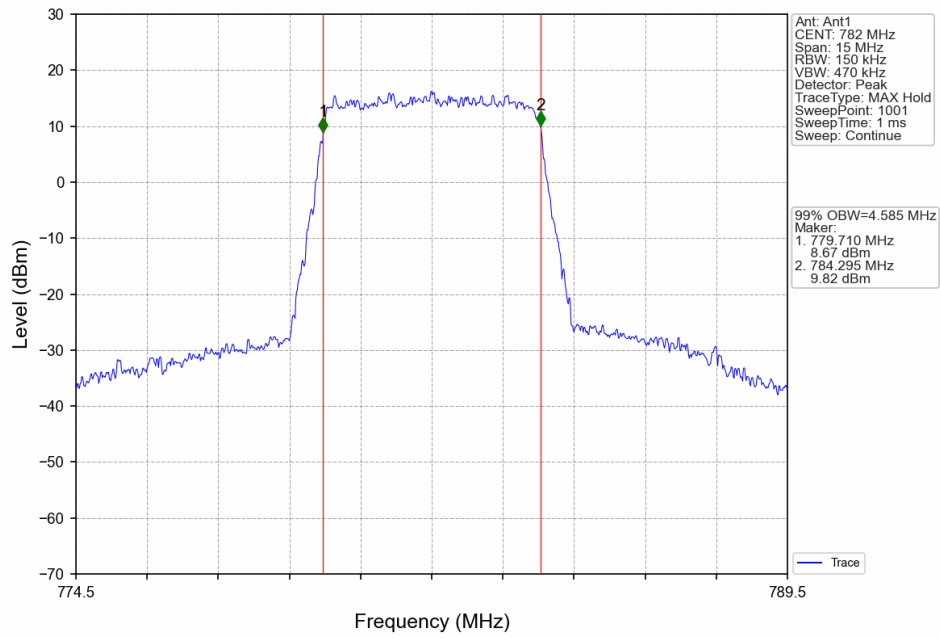
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



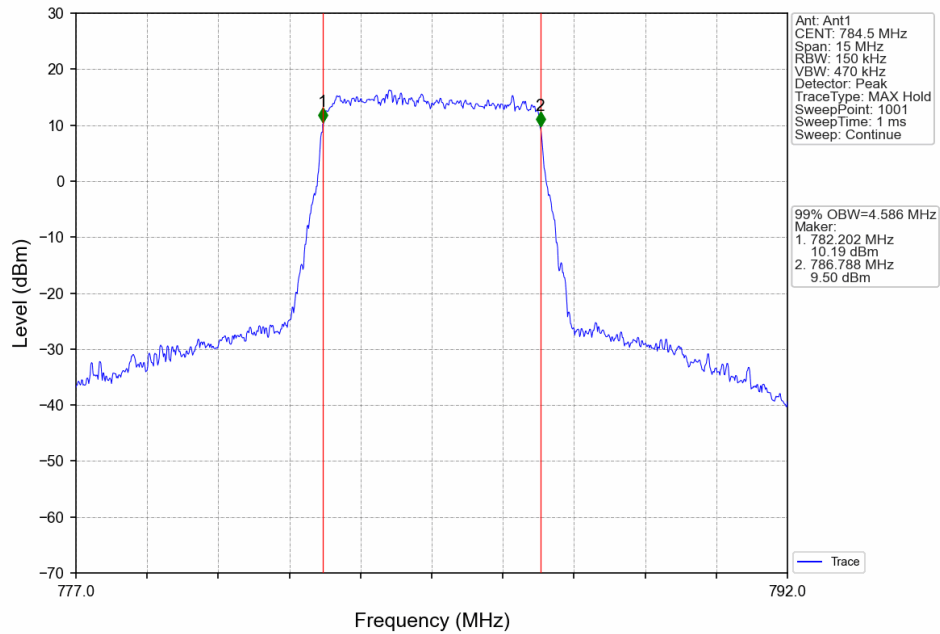
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



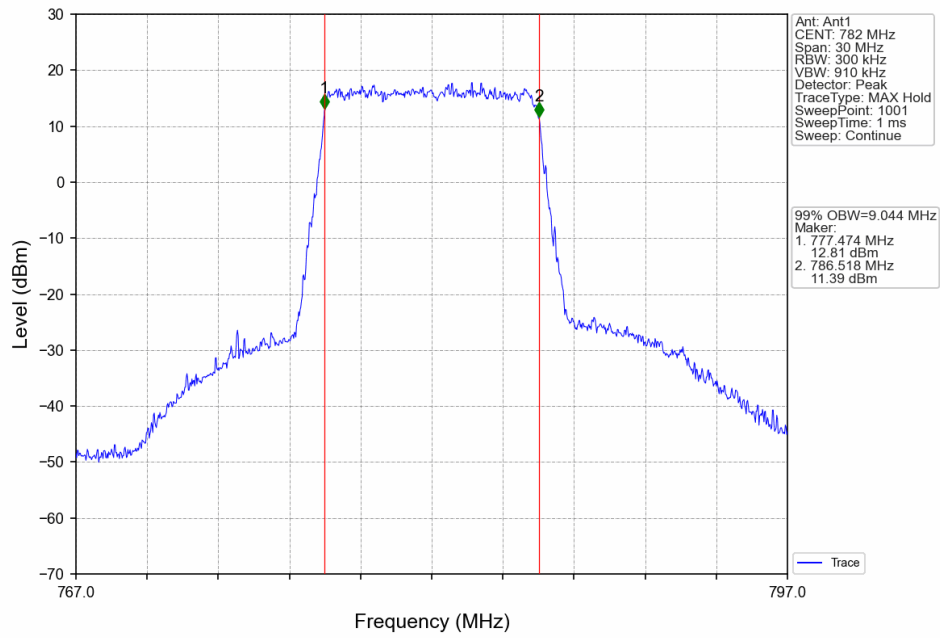
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



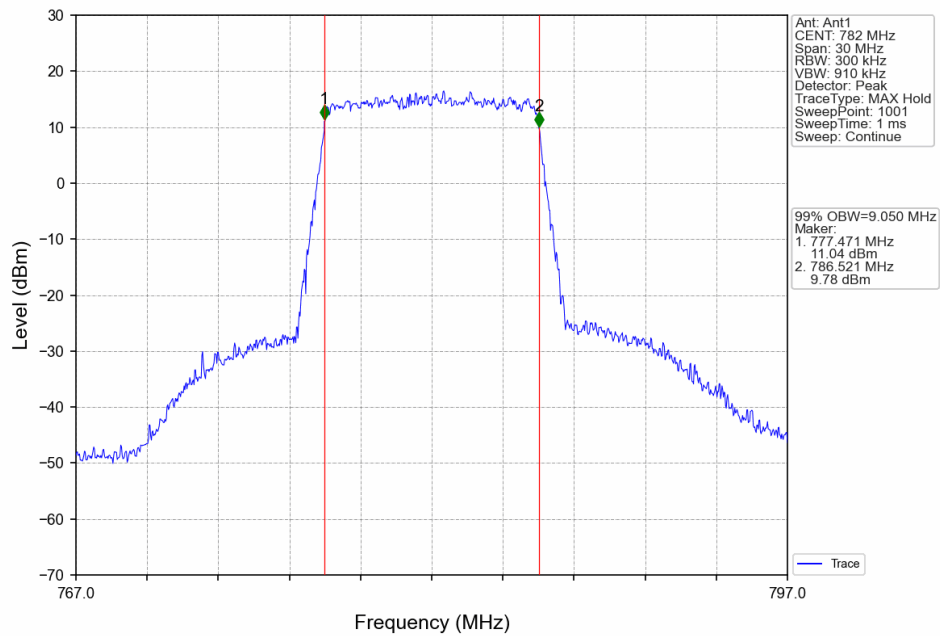
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



Band13 10MHz QPSK MCH 782MHz RB 50 0 NTN



Band13 10MHz 16QAM MCH 782MHz RB 50 0 NTN

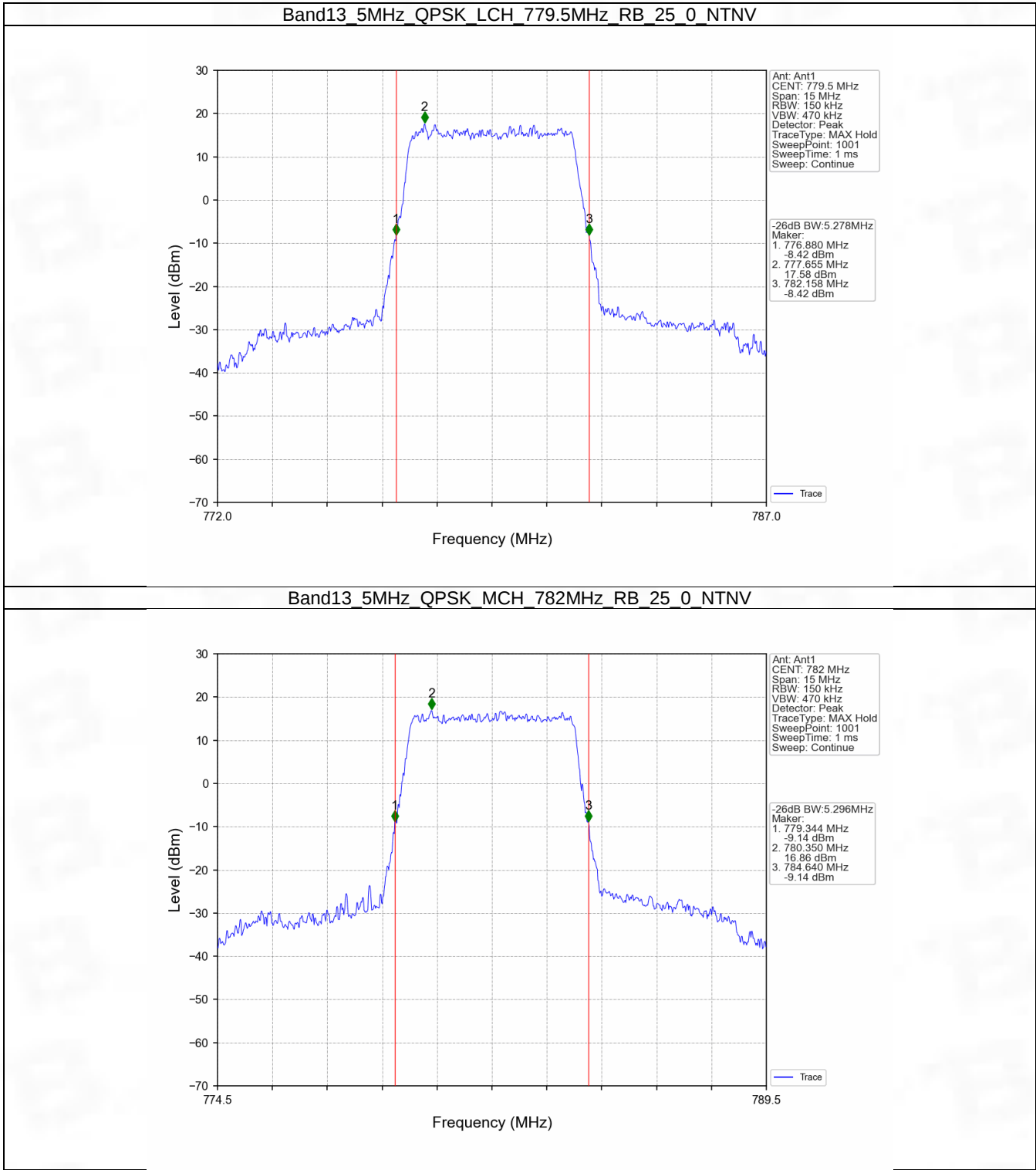


4.2 Band13_XDB

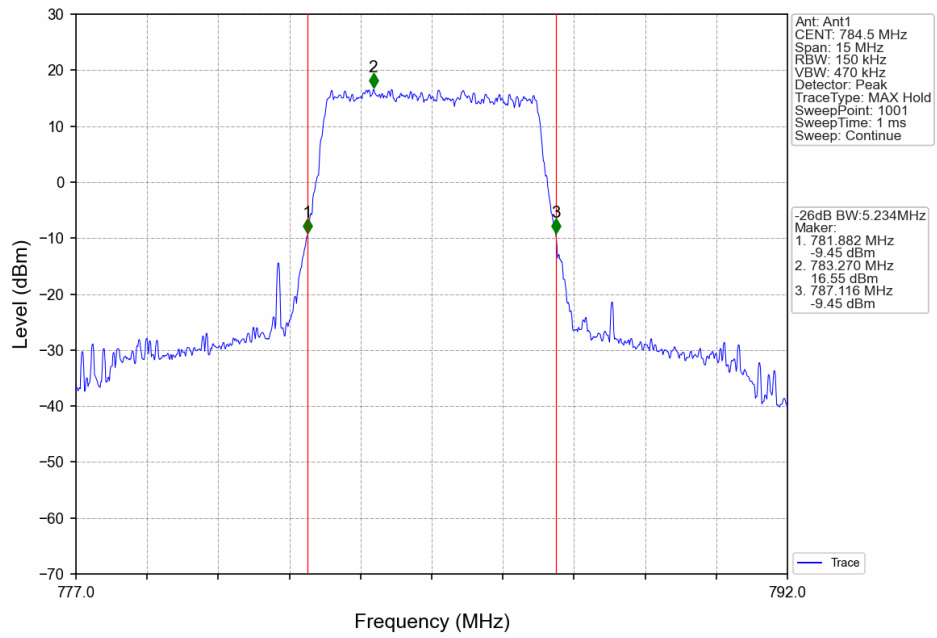
4.2.1 Test Result

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.278	/	Pass
		782	25	0	5.296	/	Pass
		784.5	25	0	5.234	/	Pass
	16QAM	779.5	25	0	5.290	/	Pass
		782	25	0	5.286	/	Pass
		784.5	25	0	5.256	/	Pass
10	QPSK	782	50	0	10.367	/	Pass
	16QAM	782	50	0	10.270	/	Pass

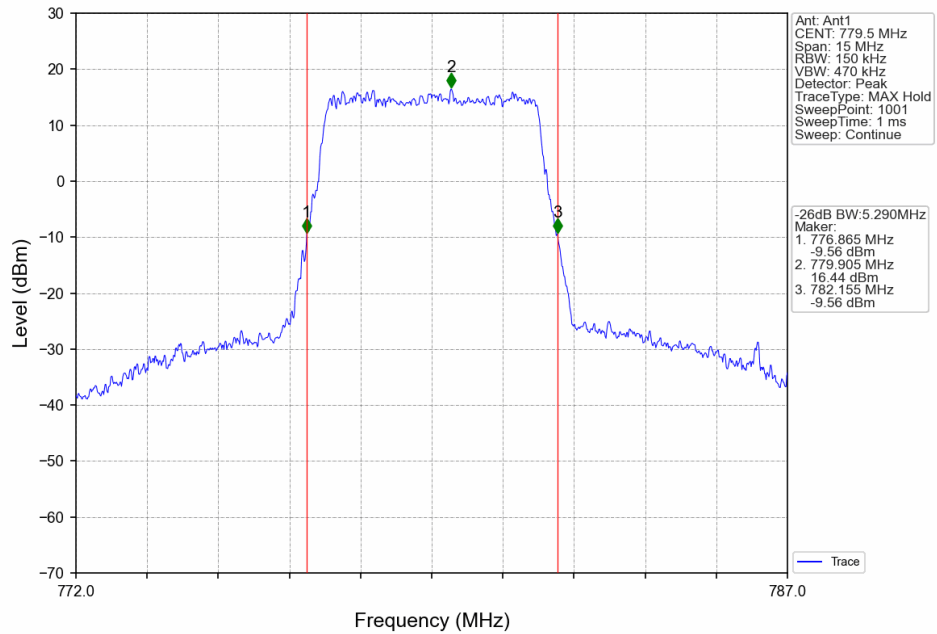
4.2.2 Test Graph



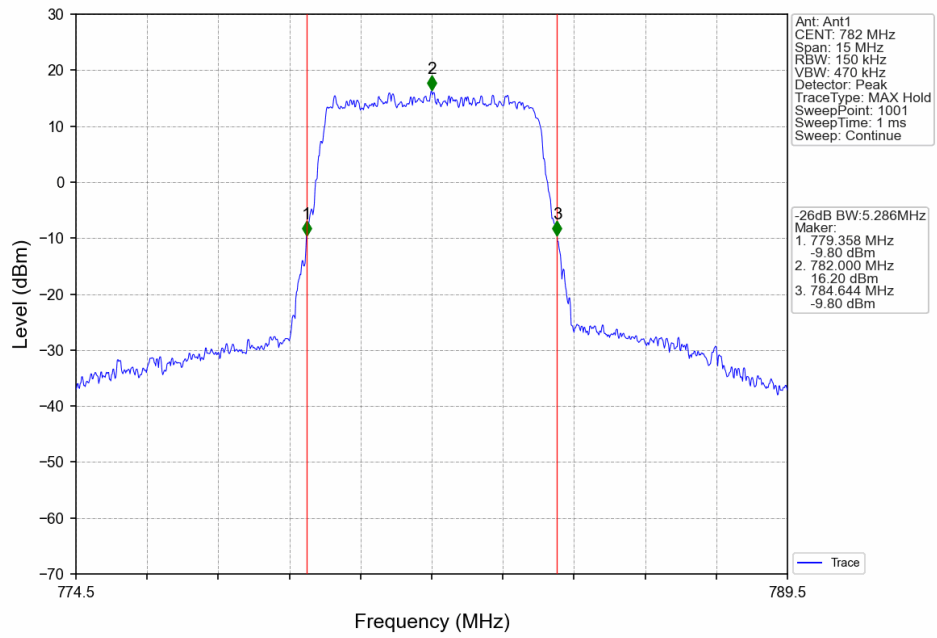
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTN



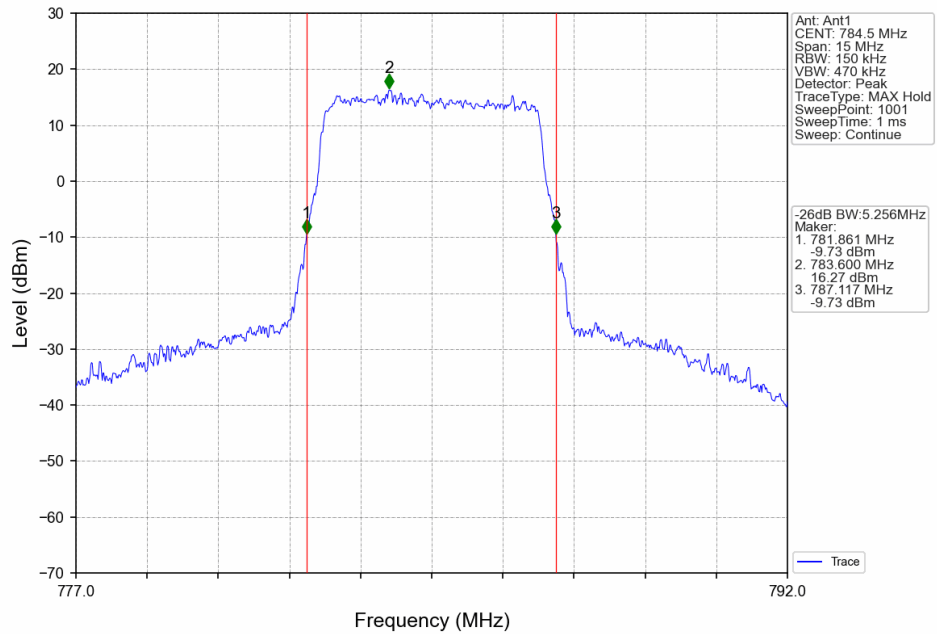
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTN



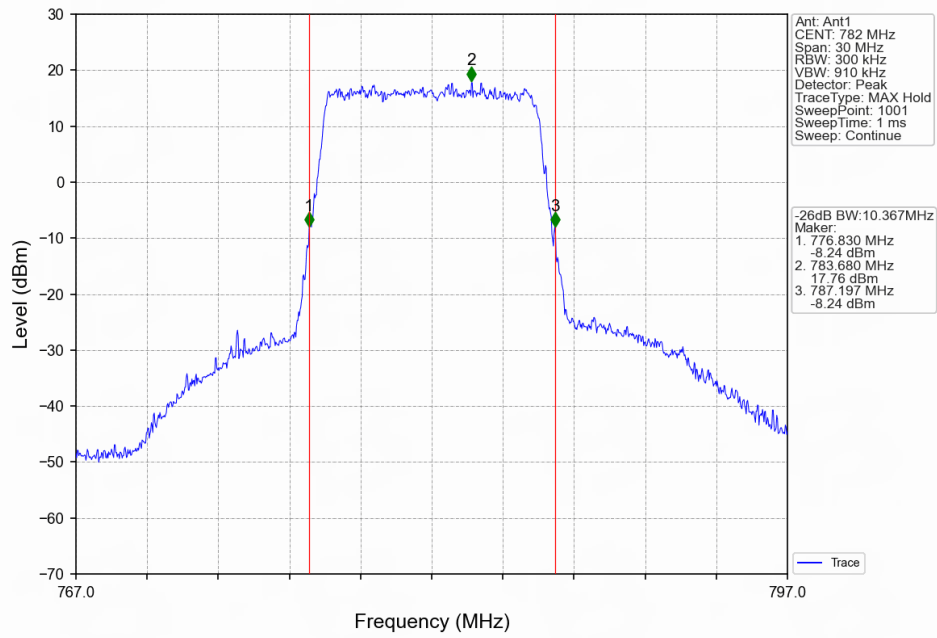
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



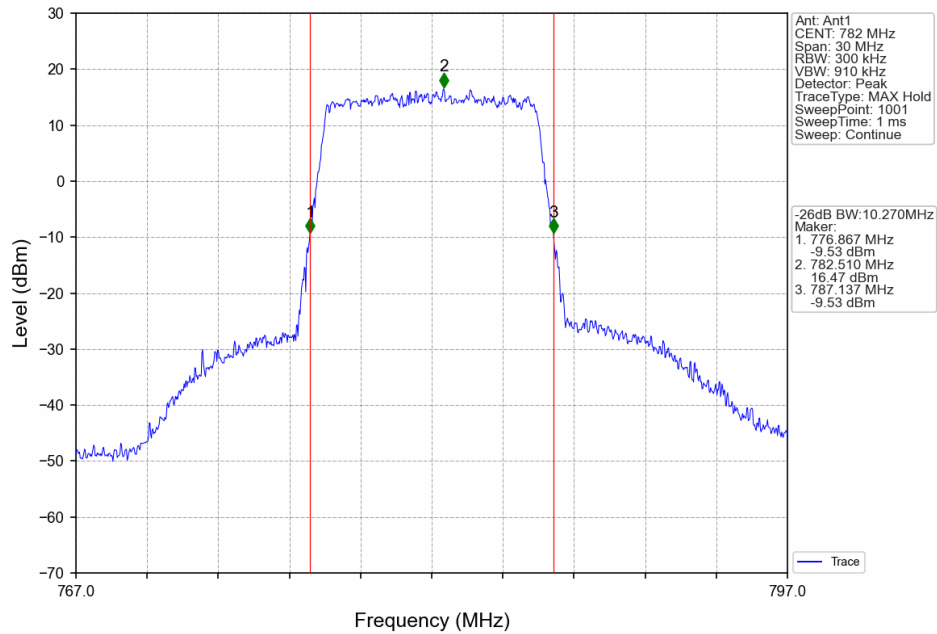
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



Band13 10MHz QPSK MCH 782MHz RB 50 0 NTN



Band13 10MHz 16QAM MCH 782MHz RB 50 0 NTN



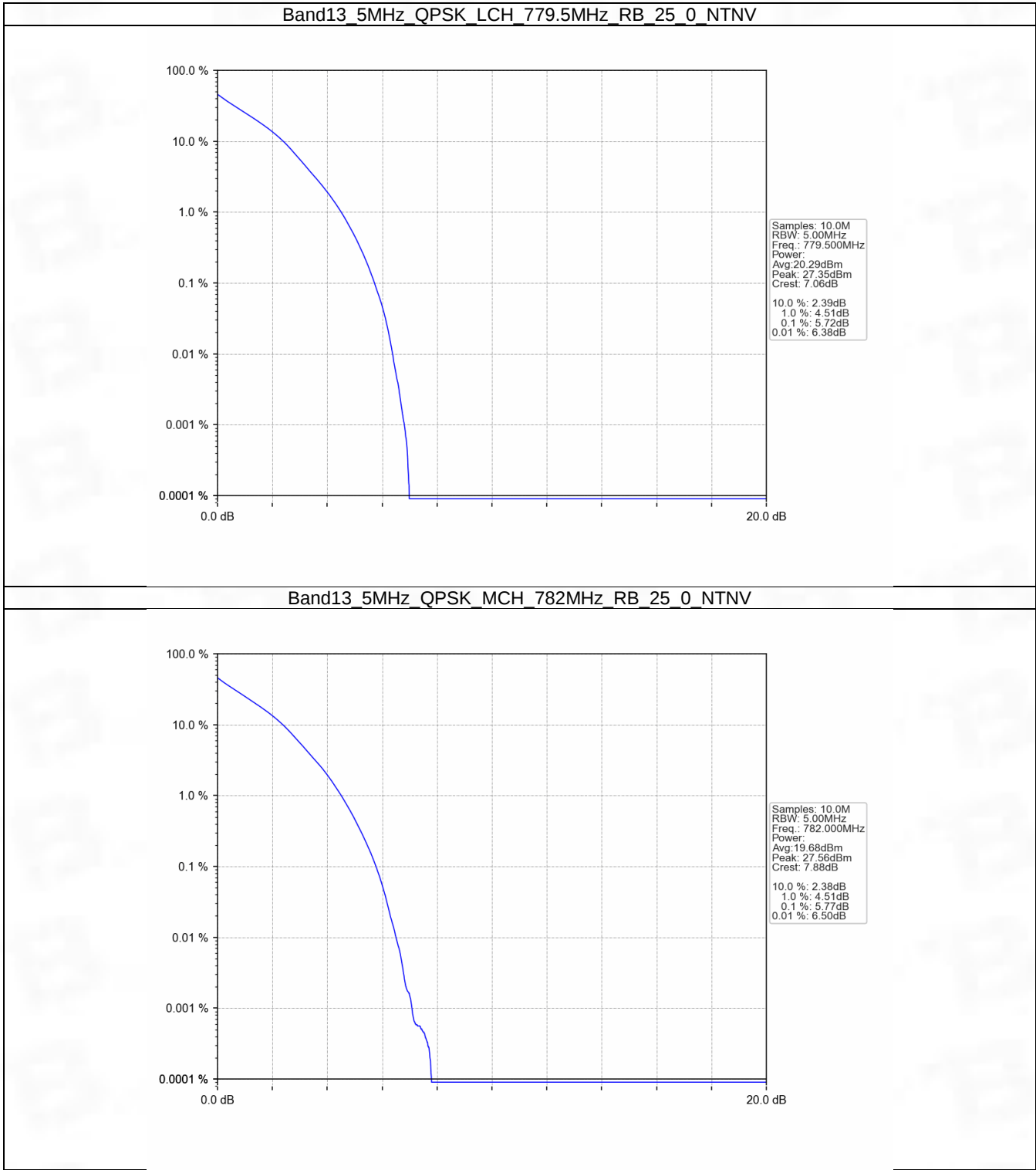
5. Peak-Average Ratio

5.1 B13_5MHz

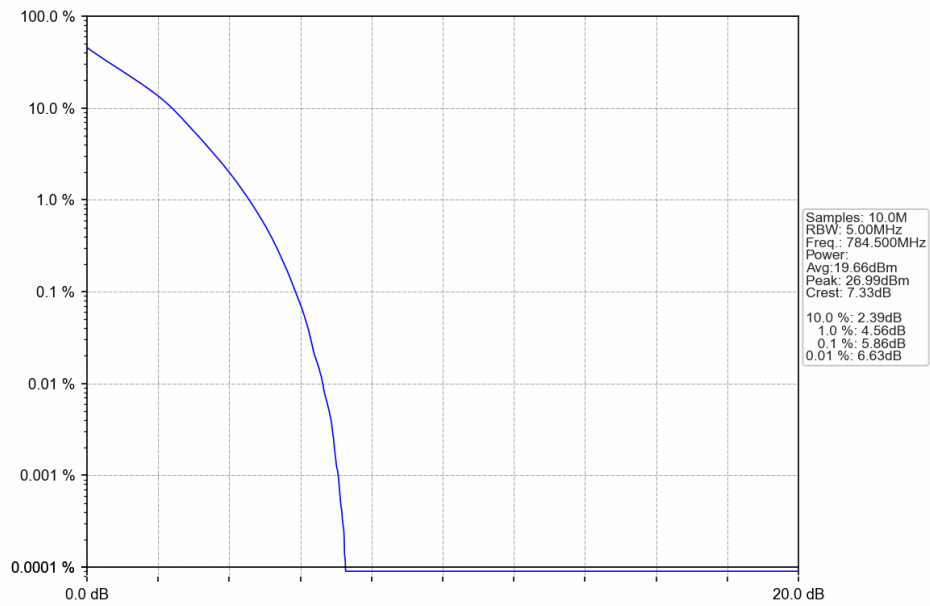
5.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.72	<=13	Pass
	782	25	0	5.77	<=13	Pass
	784.5	25	0	5.86	<=13	Pass
16QAM	779.5	25	0	6.49	<=13	Pass
	782	25	0	6.44	<=13	Pass
	784.5	25	0	6.51	<=13	Pass

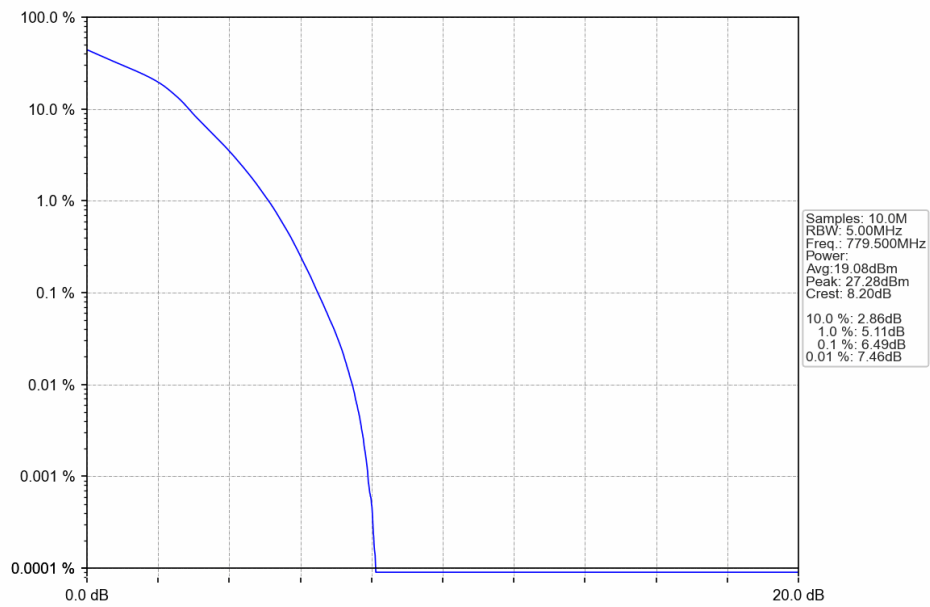
5.1.2 Test Graph



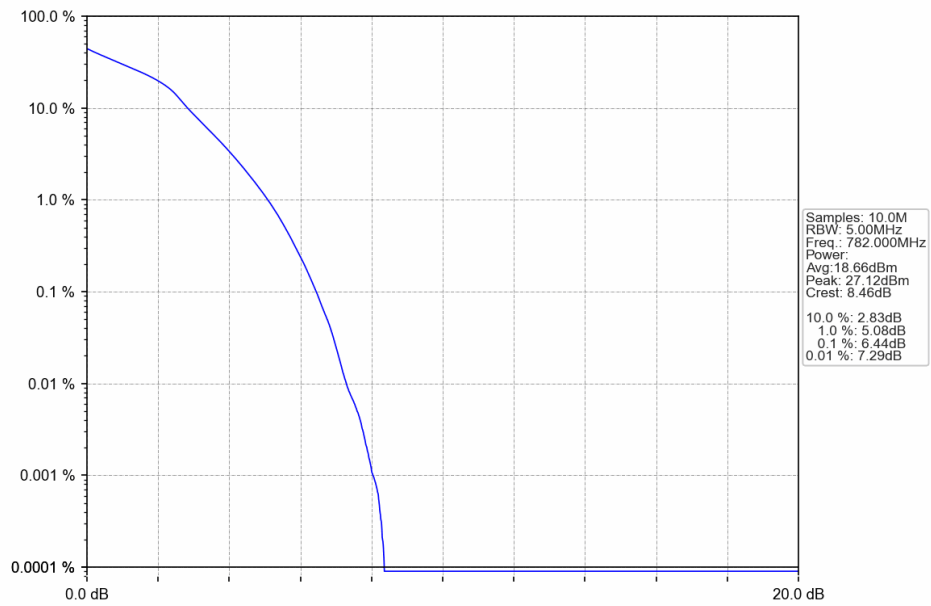
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTN



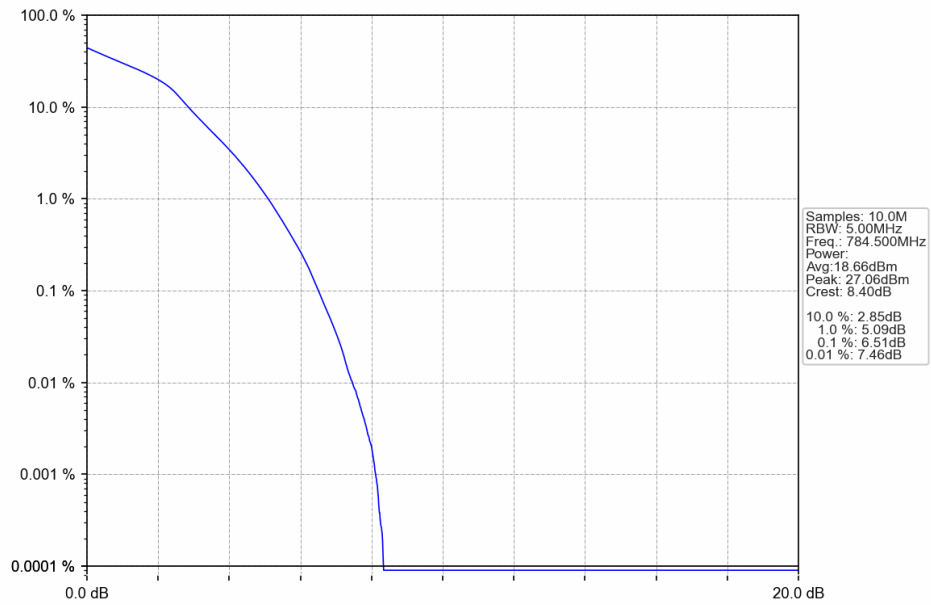
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTN



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



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

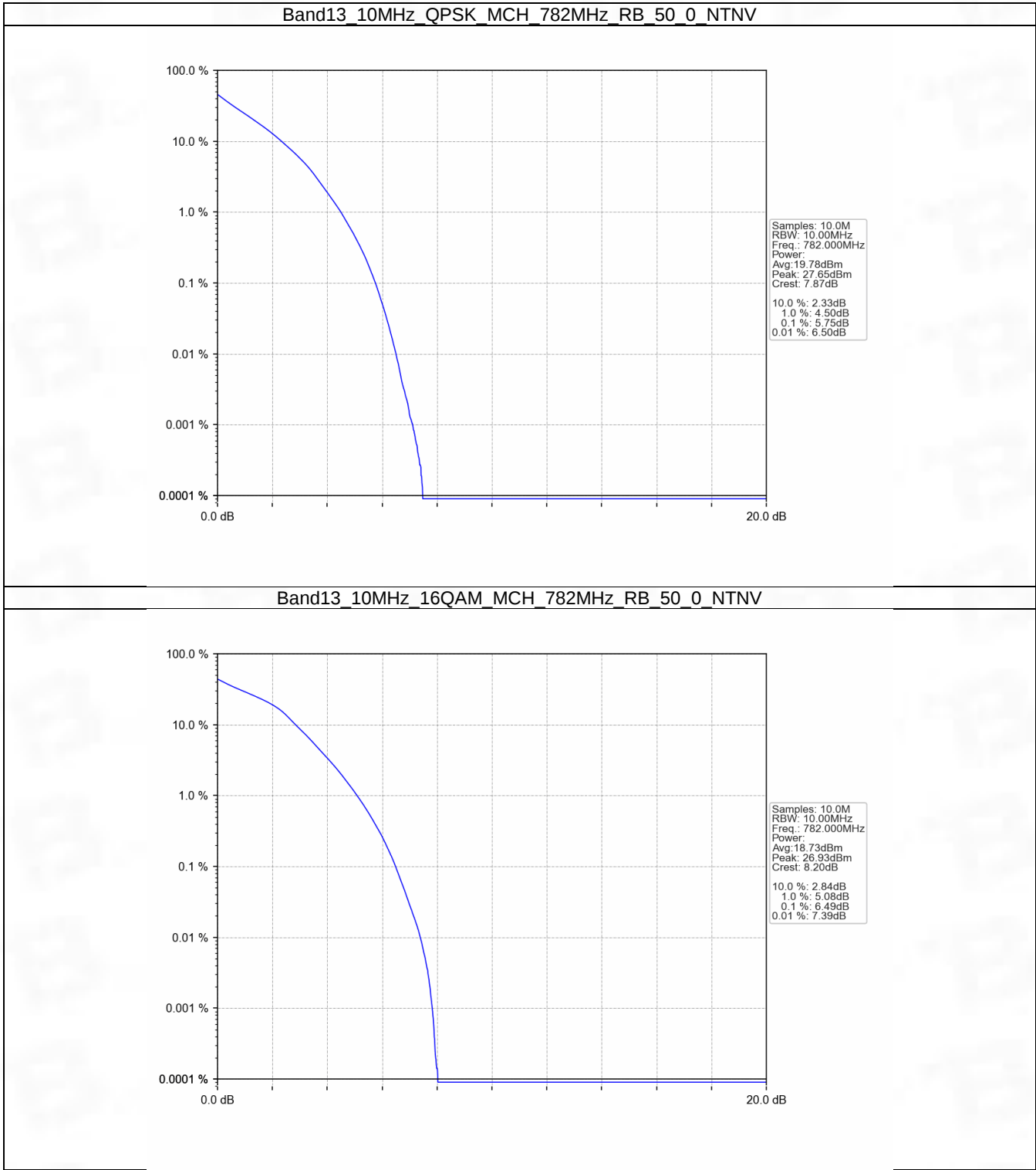


5.2 B13_10MHz

5.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.75	<=13	Pass
16QAM	782	50	0	6.49	<=13	Pass

5.2.2 Test Graph



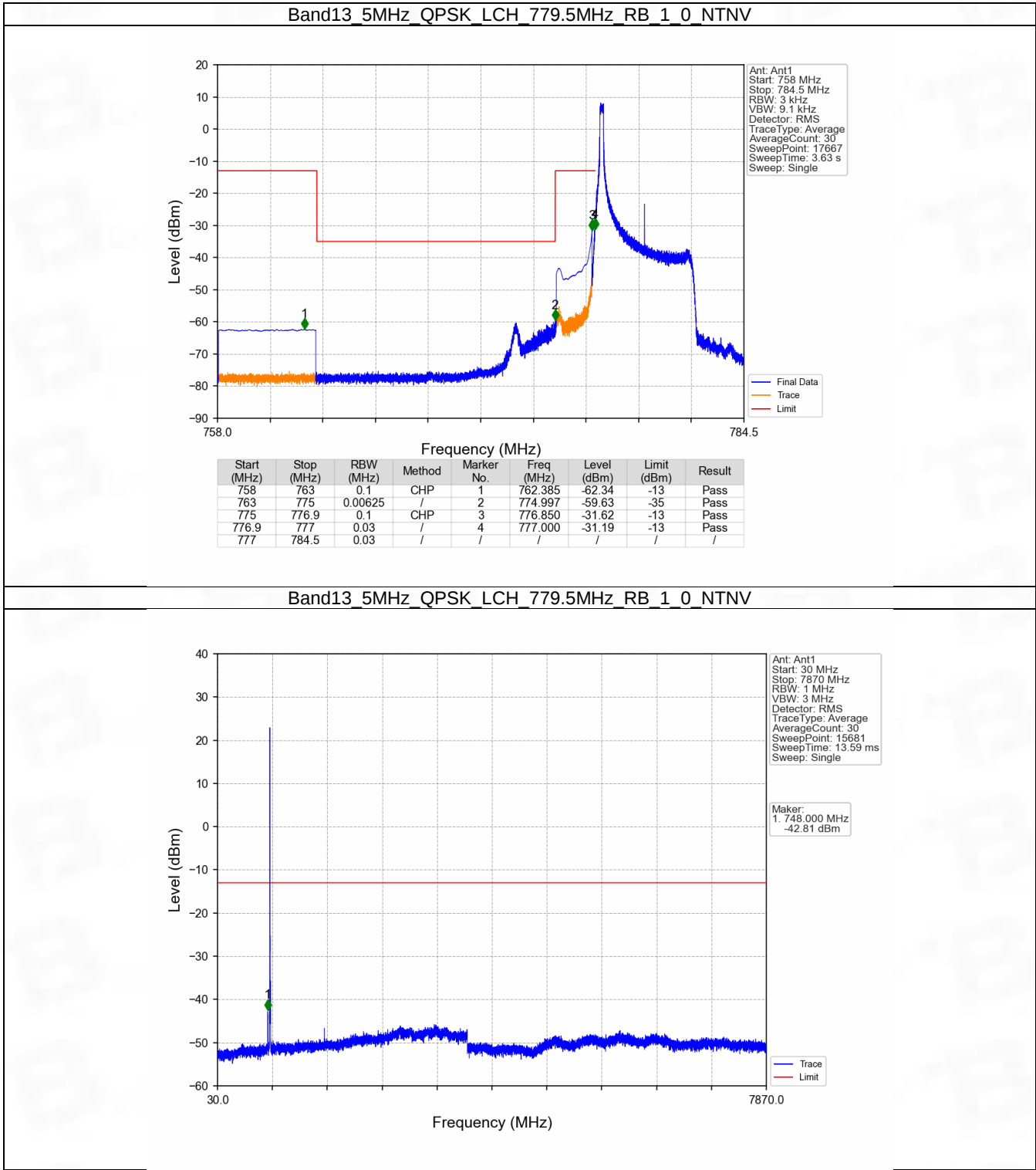
6. Spurious Emission

6.1 B13_5MHz

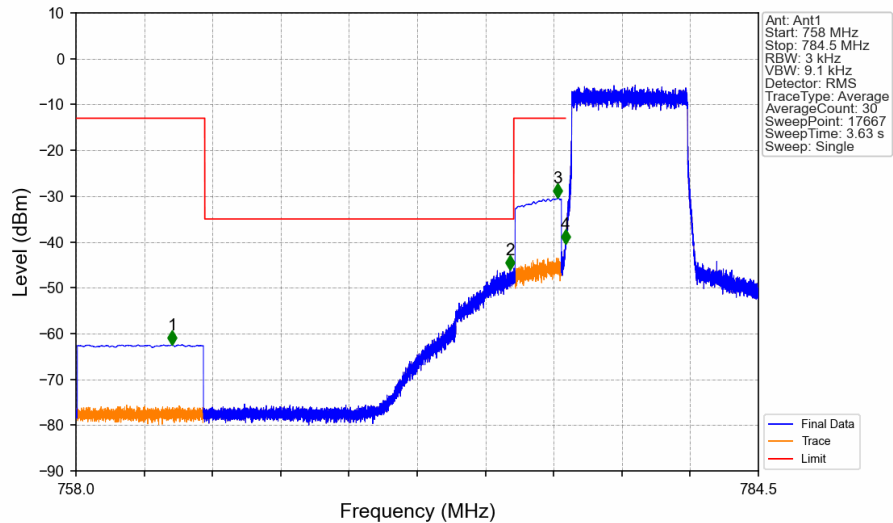
6.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.2 Test Graph

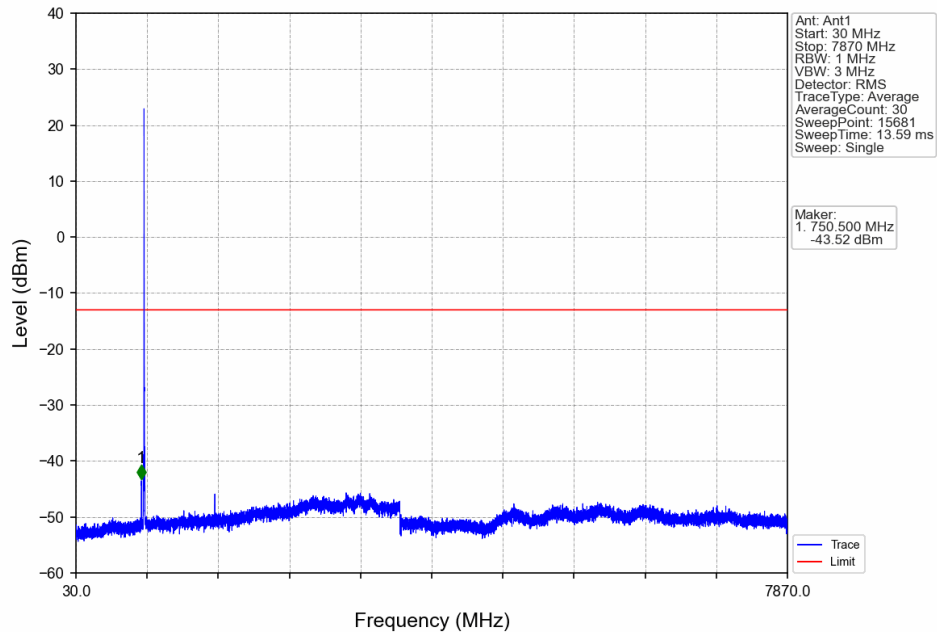


Band13 5MHz QPSK LCH 779.5MHz RB 25 0 NTNV

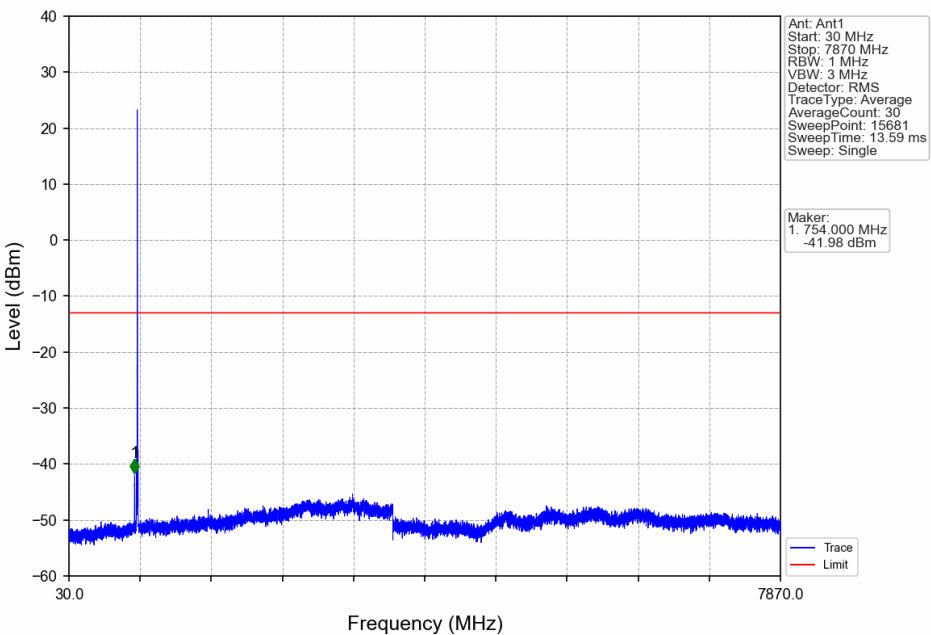


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.734	-62.43	-13	Pass
763	775	0.00625	/	2	774.858	-46.08	-35	Pass
775	776.9	0.1	CHP	3	776.713	-30.40	-13	Pass
776.9	777	0.03	/	4	777.000	-40.47	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

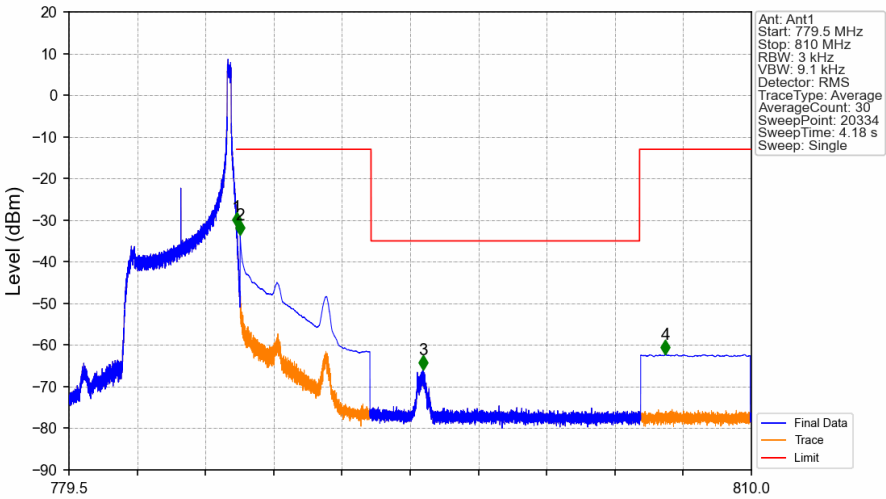
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTNV

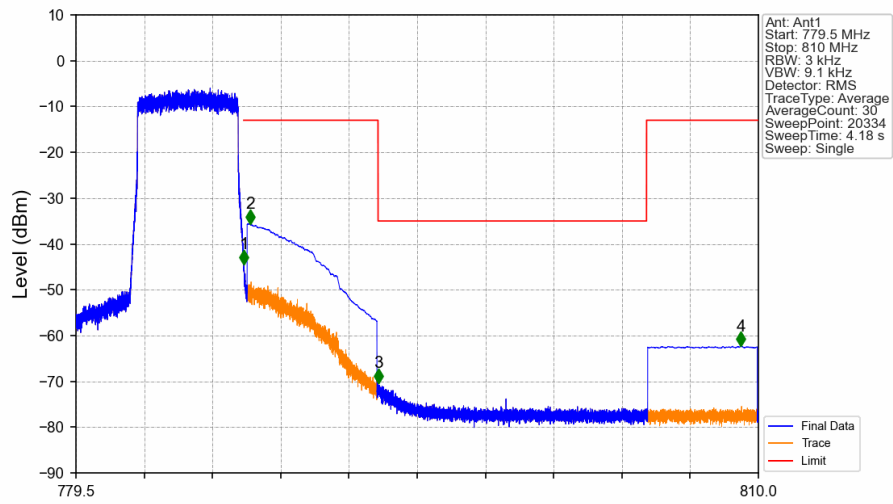


Band13 5MHz QPSK HCH 784.5MHz RB 1 24 NTNV



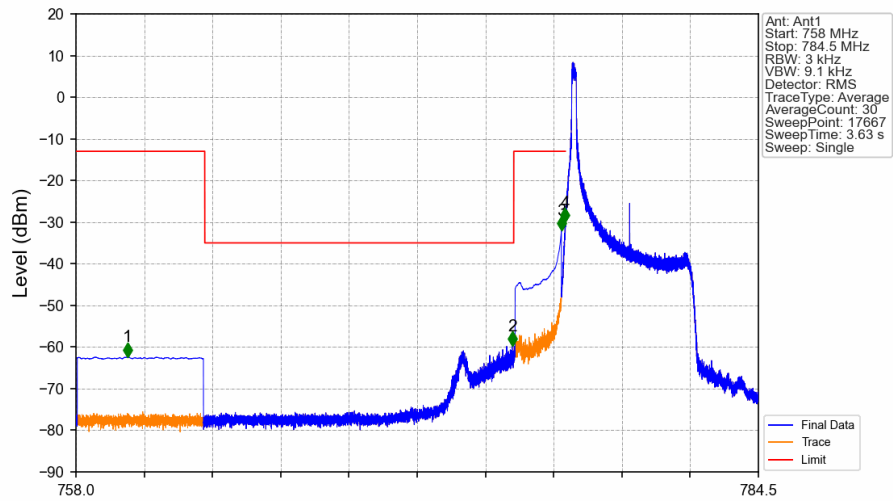
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	1	787.000	-31.64	-13	/
787	787.1	0.03	/	2	787.150	-33.63	-13	Pass
787.1	793	0.1	CHP	3	795.328	-65.94	-35	Pass
793	805	0.00625	/	4	806.155	-62.28	-13	Pass
805	810	0.1	CHP					

Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTV



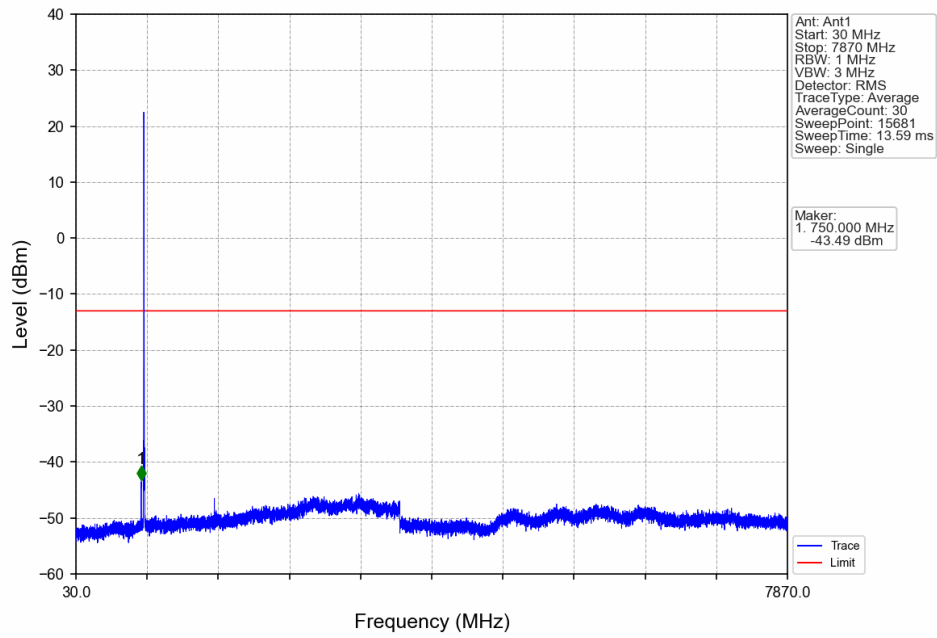
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.011	-44.44	-13	Pass
787.1	793	0.1	CHP	2	787.278	-35.59	-13	Pass
793	805	0.00625	/	3	793.002	-70.36	-35	Pass
805	810	0.1	CHP	4	809.217	-62.33	-13	Pass

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

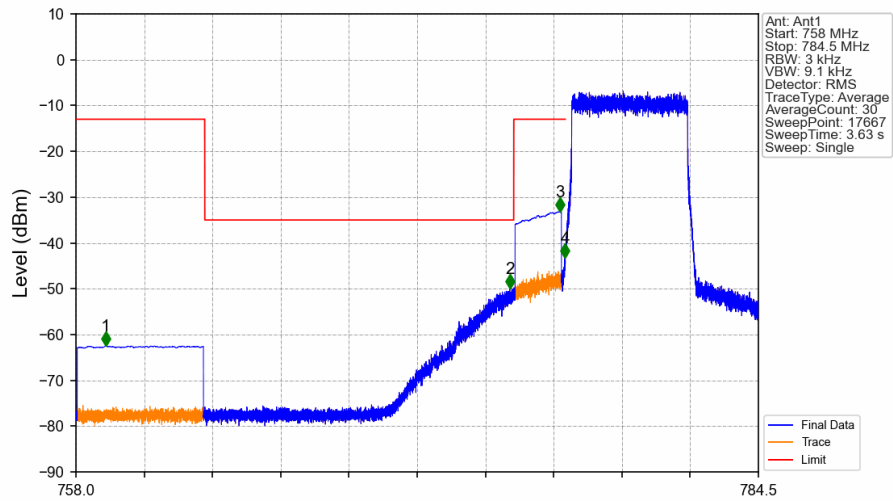


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.995	-62.36	-13	Pass
763	775	0.00625	/	2	774.937	-59.70	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.98	-13	Pass
776.9	777	0.03	/	4	776.992	-30.11	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

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

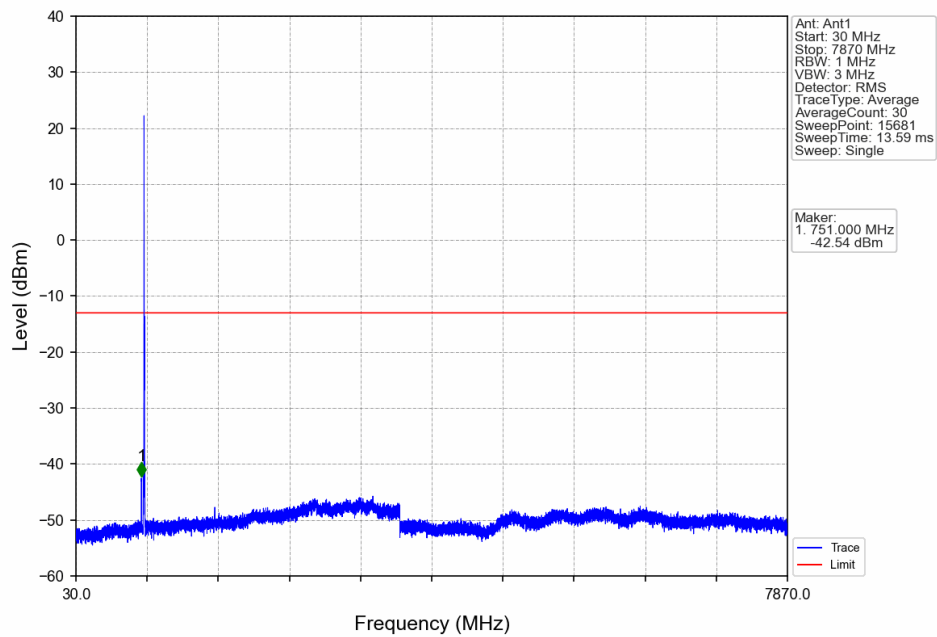


Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV

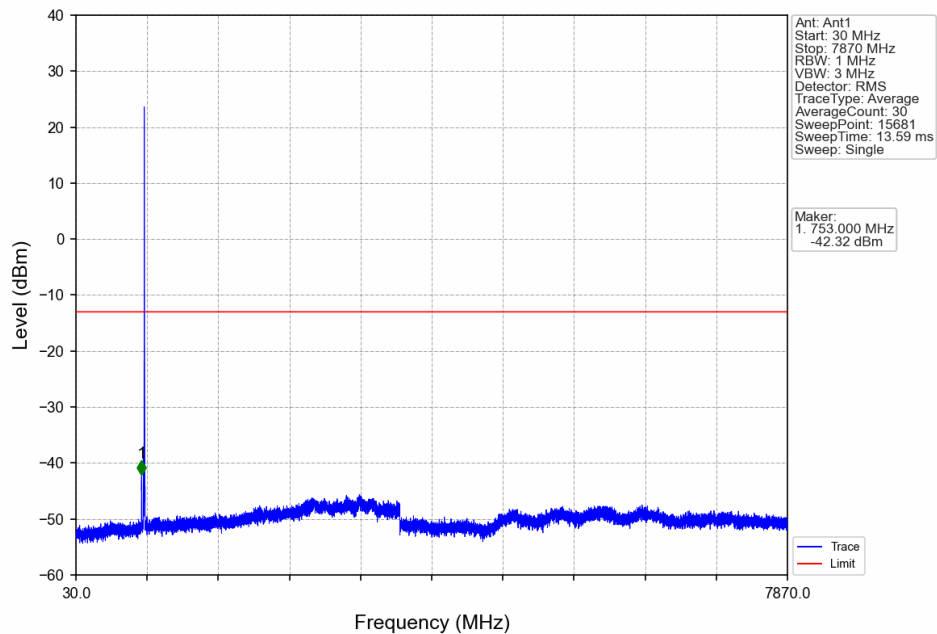


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.145	-62.47	-13	Pass
763	775	0.00625	/	2	774.844	-50.04	-35	Pass
775	776.9	0.1	CHP	3	776.791	-33.16	-13	Pass
776.9	777	0.03	/	4	776.991	-43.25	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

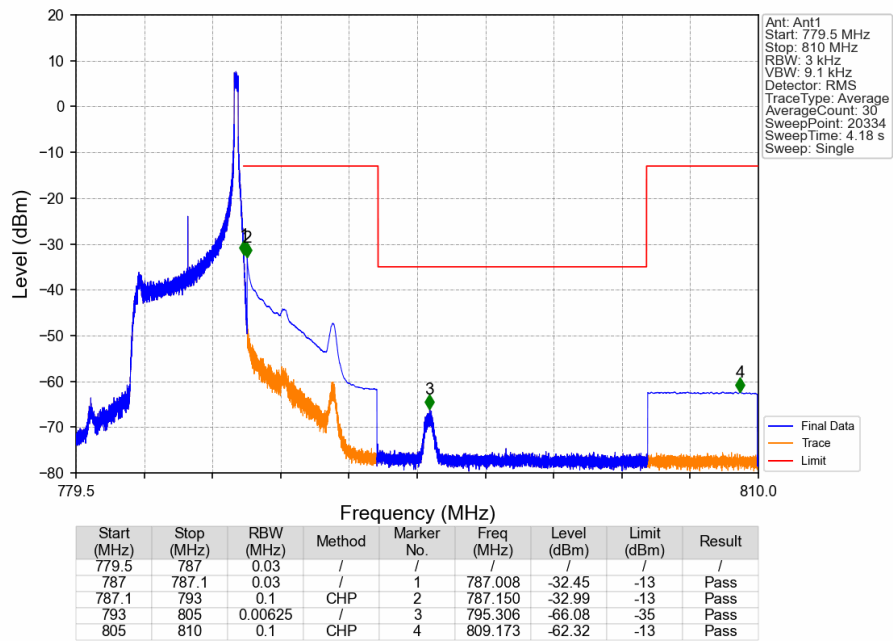
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTNV



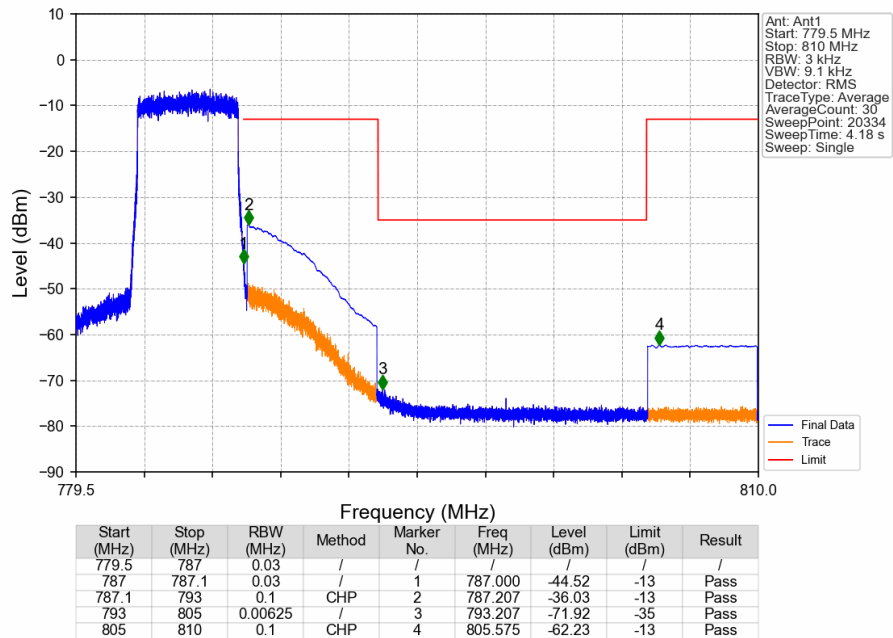
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTNV



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



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

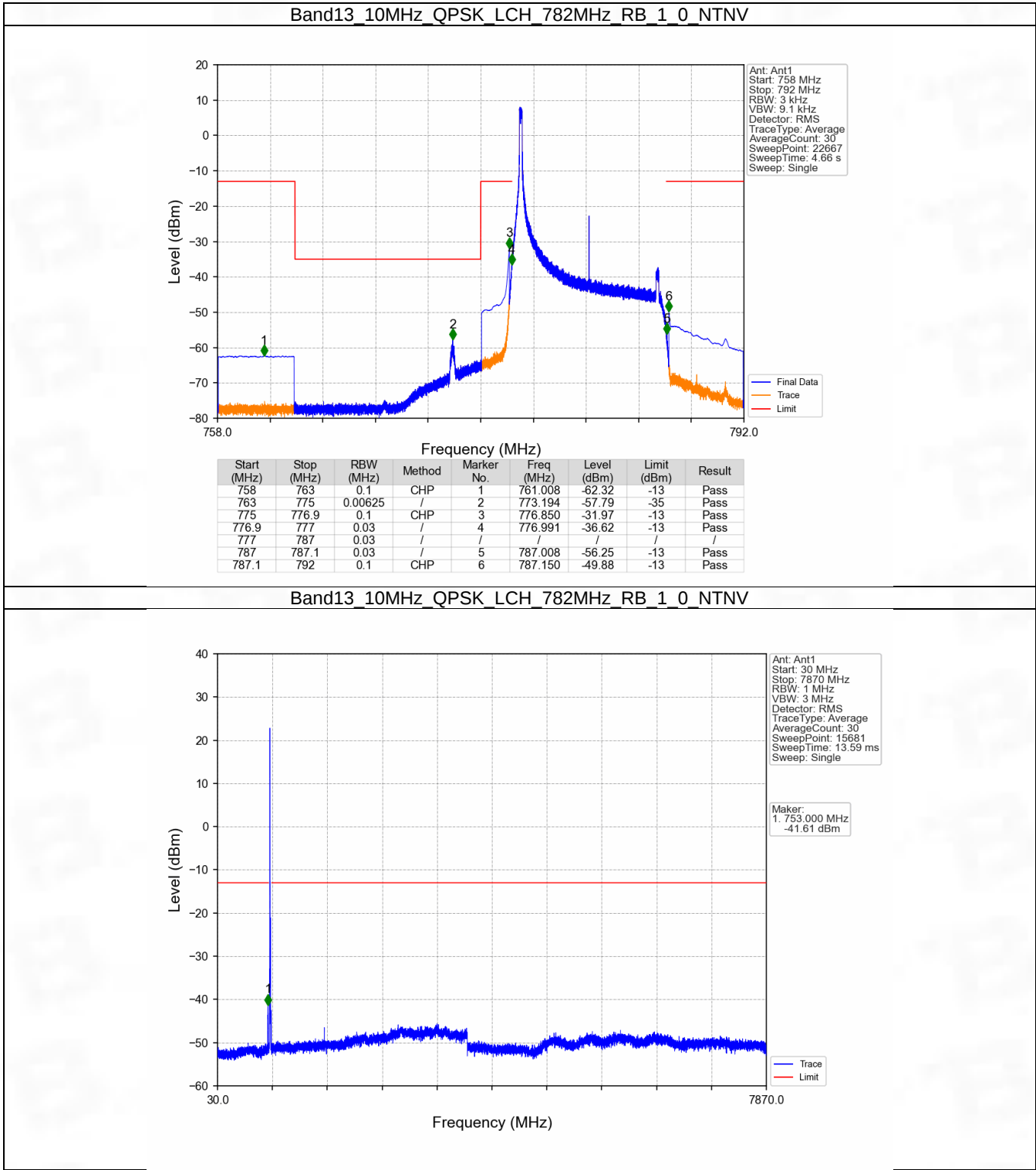


6.2 B13_10MHz

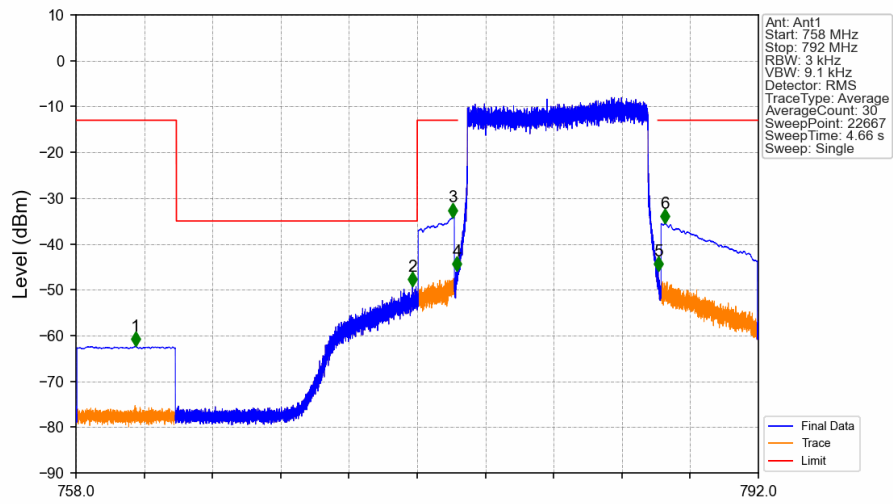
6.2.1 Test Result

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

6.2.2 Test Graph

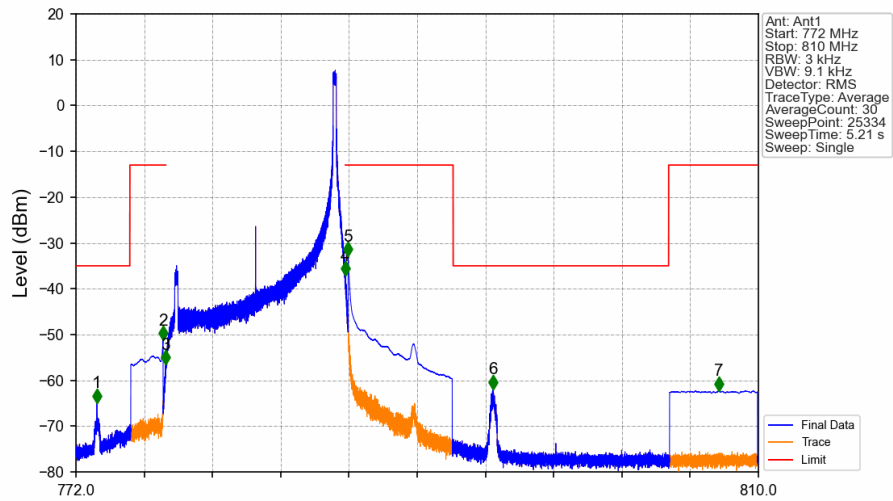


Band13 10MHz QPSK LCH 782MHz RB 50 0 NTN



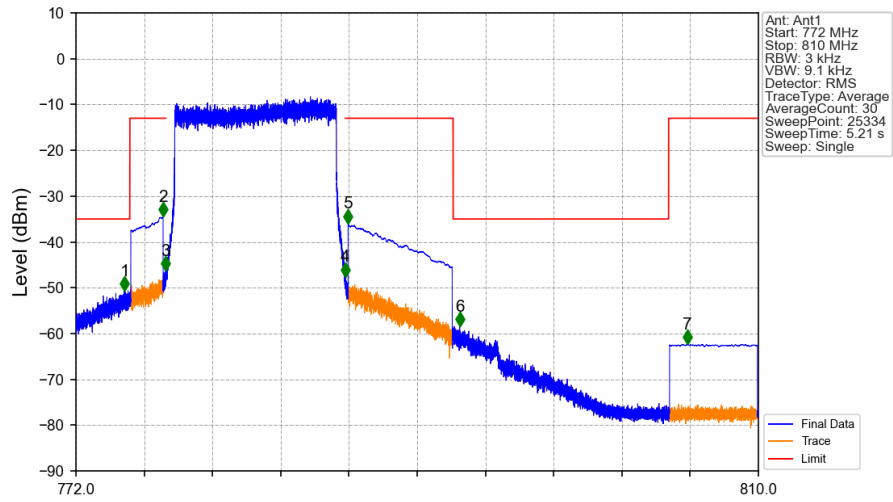
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.970	-62.37	-13	Pass
763	775	0.00625	/	2	774.766	-49.21	-35	Pass
775	776.9	0.1	CHP	3	776.772	-34.18	-13	Pass
776.9	777	0.03	/	4	776.988	-45.97	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.005	-45.94	-13	Pass
787.1	792	0.1	CHP	6	787.329	-35.49	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 1 49 NTN



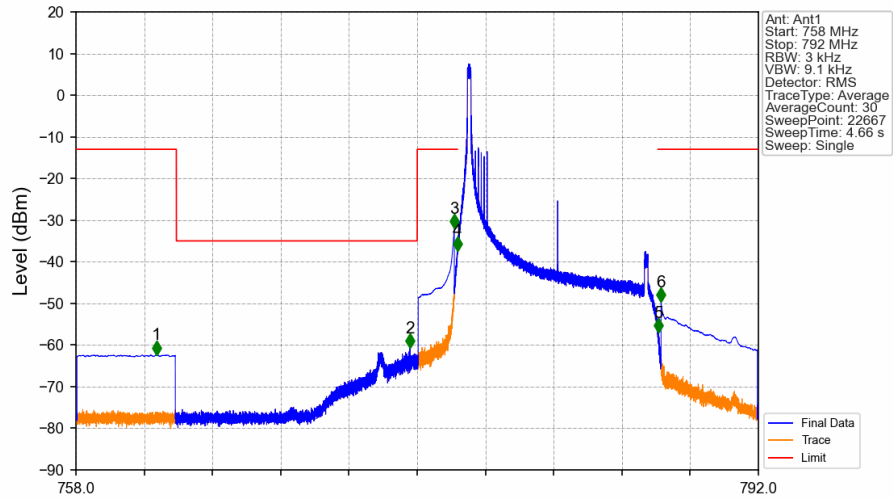
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.163	-64.93	-35	Pass
775	776.9	0.1	CHP	2	776.850	-51.29	-13	Pass
776.9	777	0.03	/	3	776.992	-56.51	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-37.21	-13	Pass
787.1	793	0.1	CHP	5	787.150	-32.93	-13	Pass
793	805	0.00625	/	6	795.222	-61.94	-35	Pass
805	810	0.1	CHP	7	807.802	-62.28	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 50 0 NTNV



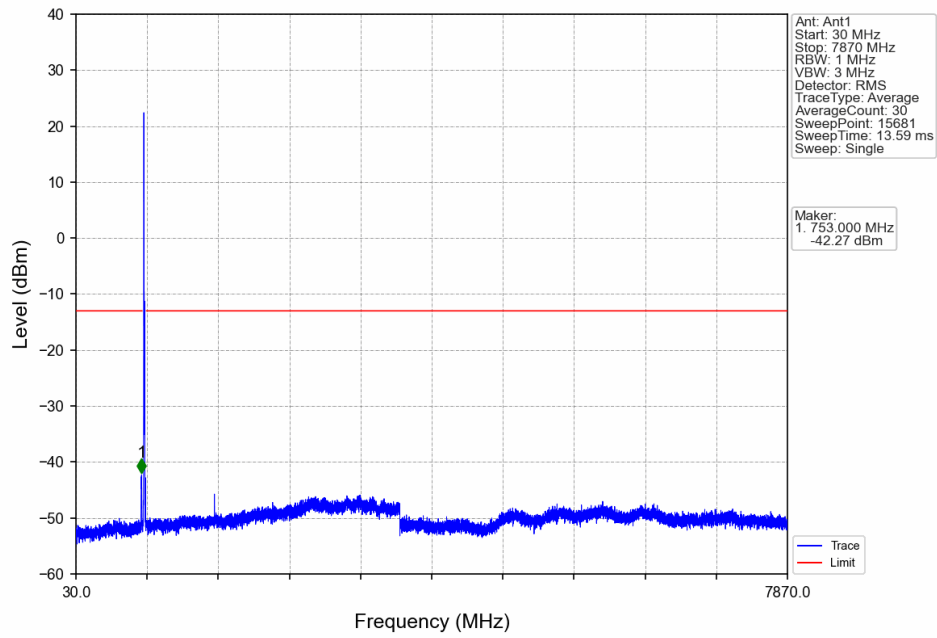
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.700	-50.64	-35	Pass
775	776.9	0.1	CHP	2	776.847	-34.51	-13	Pass
776.9	777	0.03	/	3	776.968	-46.23	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-47.58	-13	Pass
787.1	793	0.1	CHP	5	787.150	-35.96	-13	Pass
793	805	0.00625	/	6	793.363	-58.38	-35	Pass
805	810	0.1	CHP	7	806.053	-62.37	-13	Pass

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

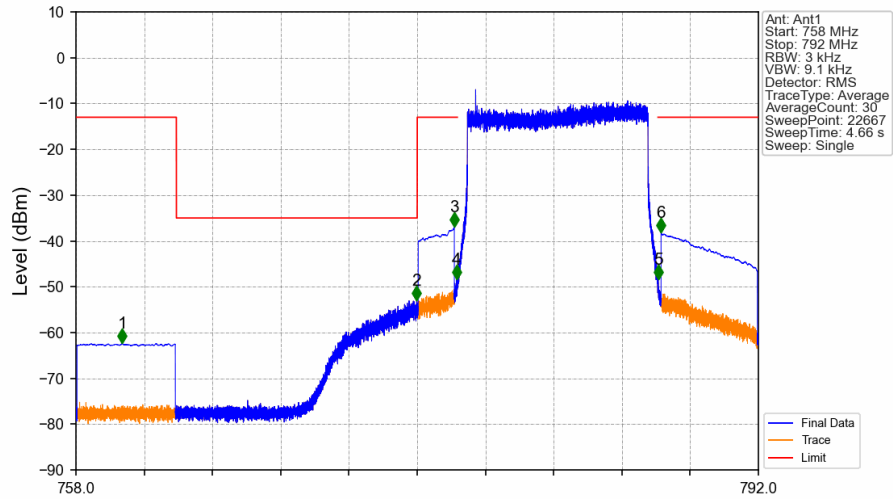


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.004	-62.36	-13	Pass
763	775	0.00625	/	2	774.640	-60.77	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.95	-13	Pass
776.9	777	0.03	/	4	777.000	-37.34	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.009	-57.06	-13	Pass
787.1	792	0.1	CHP	6	787.150	-49.68	-13	Pass

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

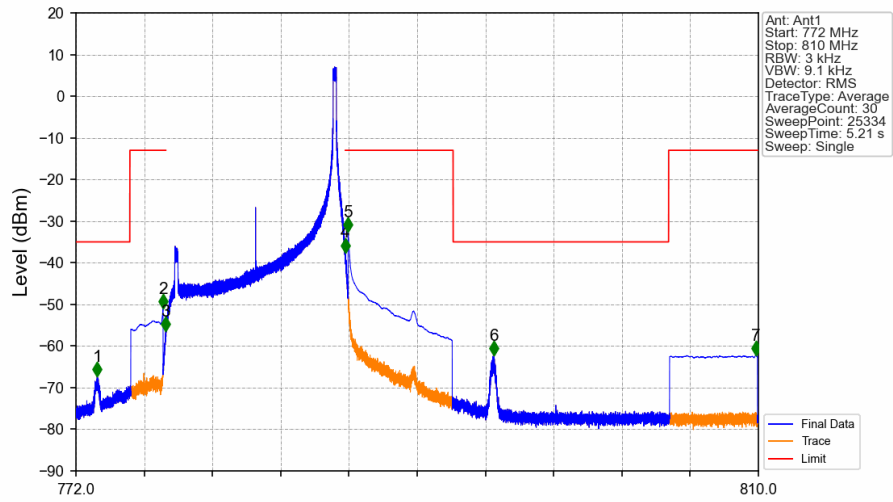


Band13 10MHz 16QAM LCH 782MHz RB 50 0 NTN



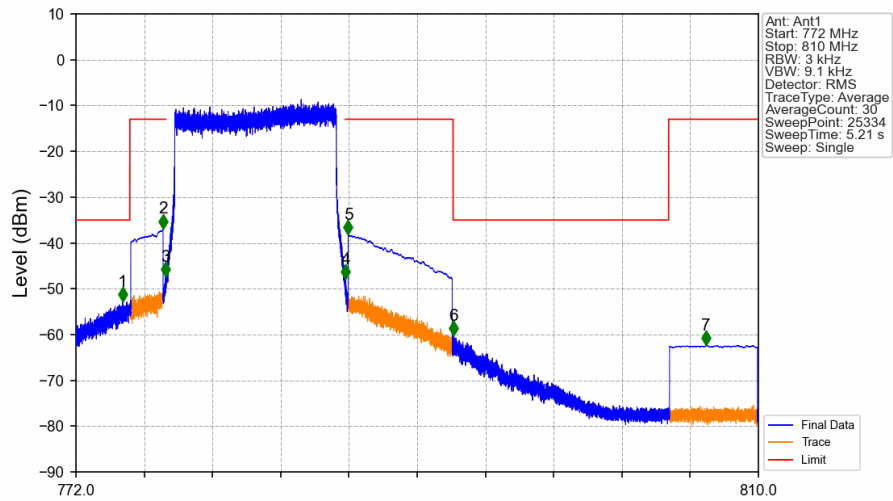
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.300	-62.39	-13	Pass
763	775	0.00625	/	2	774.976	-52.98	-35	Pass
775	776.9	0.1	CHP	3	776.850	-36.95	-13	Pass
776.9	777	0.03	/	4	776.965	-48.37	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.005	-48.42	-13	Pass
787.1	792	0.1	CHP	6	787.150	-38.19	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.179	-67.32	-35	Pass
775	776.9	0.1	CHP	2	776.850	-51.02	-13	Pass
776.9	777	0.03	/	3	776.995	-56.40	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-37.53	-13	Pass
787.1	793	0.1	CHP	5	787.150	-32.55	-13	Pass
793	805	0.00625	/	6	795.280	-62.27	-35	Pass
805	810	0.1	CHP	7	809.862	-62.23	-13	Pass

Band13 10MHz 16QAM HCH 782MHz RB 50 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.600	-52.74	-35	Pass
775	776.9	0.1	CHP	2	776.850	-36.85	-13	Pass
776.9	777	0.03	/	3	776.994	-47.28	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.006	-47.87	-13	Pass
787.1	793	0.1	CHP	5	787.156	-38.11	-13	Pass
793	805	0.00625	/	6	793.017	-60.26	-35	Pass
805	810	0.1	CHP	7	807.093	-62.38	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.1563	0.0250	ppm	4M57G7D	27F	21.94
13	5	779.5	784.5	0.1265	0.0164	ppm	4M59W7D	27F	21.02
13	10	782	782	0.1734	0.0151	ppm	9M04G7D	27F	22.39
13	10	782	782	0.1253	0.0105	ppm	9M05W7D	27F	20.98

7.2 Form731_ERP

7.2.1 Test Result

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	0.0405	0.0250	ppm	4M57G7D	27F	16.07
13	5	779.5	784.5	0.0327	0.0164	ppm	4M59W7D	27F	15.15
13	10	782	782	0.0449	0.0151	ppm	9M04G7D	27F	16.52
13	10	782	782	0.0324	0.0105	ppm	9M05W7D	27F	15.11