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	23.10	0.3	21.25	<=34.77	Pass
			13	23.00	0.3	21.15	<=34.77	Pass
			24	22.89	0.3	21.04	<=34.77	Pass
		12	0	22.03	0.3	20.18	<=34.77	Pass
			6	22.07	0.3	20.22	<=34.77	Pass
			13	21.85	0.3	20	<=34.77	Pass
		25	0	21.95	0.3	20.1	<=34.77	Pass
	782	1	0	22.86	0.3	21.01	<=34.77	Pass
			13	22.97	0.3	21.12	<=34.77	Pass
			24	22.79	0.3	20.94	<=34.77	Pass
		12	0	21.73	0.3	19.88	<=34.77	Pass
			6	21.54	0.3	19.69	<=34.77	Pass
			13	21.43	0.3	19.58	<=34.77	Pass
		25	0	21.56	0.3	19.71	<=34.77	Pass
	784.5	1	0	22.39	0.3	20.54	<=34.77	Pass
			13	22.51	0.3	20.66	<=34.77	Pass
			24	22.55	0.3	20.7	<=34.77	Pass
		12	0	21.39	0.3	19.54	<=34.77	Pass
			6	21.46	0.3	19.61	<=34.77	Pass
			13	21.53	0.3	19.68	<=34.77	Pass
		25	0	21.48	0.3	19.63	<=34.77	Pass
16QAM	779.5	1	0	21.98	0.3	20.13	<=34.77	Pass
			13	22.26	0.3	20.41	<=34.77	Pass
			24	22.17	0.3	20.32	<=34.77	Pass
		12	0	20.96	0.3	19.11	<=34.77	Pass
			6	21.08	0.3	19.23	<=34.77	Pass
			13	20.89	0.3	19.04	<=34.77	Pass
		25	0	20.94	0.3	19.09	<=34.77	Pass
	782	1	0	21.26	0.3	19.41	<=34.77	Pass
			13	21.37	0.3	19.52	<=34.77	Pass
			24	21.14	0.3	19.29	<=34.77	Pass
		12	0	20.70	0.3	18.85	<=34.77	Pass
			6	20.55	0.3	18.7	<=34.77	Pass
			13	20.43	0.3	18.58	<=34.77	Pass
		25	0	20.64	0.3	18.79	<=34.77	Pass
	784.5	1	0	21.50	0.3	19.65	<=34.77	Pass
			13	21.47	0.3	19.62	<=34.77	Pass
			24	21.43	0.3	19.58	<=34.77	Pass
		12	0	20.35	0.3	18.5	<=34.77	Pass
			6	20.40	0.3	18.55	<=34.77	Pass
			13	20.43	0.3	18.58	<=34.77	Pass
		25	0	20.48	0.3	18.63	<=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	23.20	0.3	21.35	<=34.77	Pass
			25	23.12	0.3	21.27	<=34.77	Pass
			49	22.63	0.3	20.78	<=34.77	Pass
		25	0	21.94	0.3	20.09	<=34.77	Pass
			13	21.55	0.3	19.7	<=34.77	Pass
			25	21.72	0.3	19.87	<=34.77	Pass
		50	0	21.78	0.3	19.93	<=34.77	Pass
16QAM	782	1	0	21.76	0.3	19.91	<=34.77	Pass
			25	22.22	0.3	20.37	<=34.77	Pass
			49	21.65	0.3	19.8	<=34.77	Pass
		25	0	20.99	0.3	19.14	<=34.77	Pass
			13	20.65	0.3	18.8	<=34.77	Pass
			25	20.74	0.3	18.89	<=34.77	Pass
		50	0	20.82	0.3	18.97	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

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	-6.108	-0.0078	-2.5 to 2.5	Pass
					3.85	-9.484	-0.0122	-2.5 to 2.5	Pass
					4.43	-9.012	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-9.599	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-11.787	-0.0151	-2.5 to 2.5	Pass
				40	3.85	-8.197	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-8.569	-0.0110	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-4.892	-0.0063	-2.5 to 2.5	Pass
					3.85	-8.626	-0.0110	-2.5 to 2.5	Pass
					4.43	-8.426	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-8.612	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.854	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-7.896	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-5.507	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-10.886	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-11.773	-0.0151	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-7.038	-0.0090	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0093	-2.5 to 2.5	Pass

					4.43	-5.021	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-8.612	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-4.249	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-5.021	-0.0064	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-4.821	-0.0062	-2.5 to 2.5	Pass
					3.85	-7.954	-0.0102	-2.5 to 2.5	Pass
					4.43	-7.882	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-10.586	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	-8.912	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-2.174	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.064	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-9.270	-0.0119	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-13.247	-0.0169	-2.5 to 2.5	Pass
					3.85	-8.683	-0.0111	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.545	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-3.047	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.392	-0.0056	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-4.635	-0.0059	-2.5 to 2.5	Pass
					3.85	-6.523	-0.0083	-2.5 to 2.5	Pass
					4.43	-6.566	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-2.704	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.732	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.545	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0046	-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	-7.582	-0.0097	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0070	-2.5 to 2.5	Pass
					4.43	-5.937	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-8.984	-0.0115	-2.5 to 2.5	Pass

				-10	3.85	-6.709	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-7.296	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-5.336	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-5.465	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0081	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-5.579	-0.0071	-2.5 to 2.5	Pass
					3.85	-6.137	-0.0078	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-7.310	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-6.838	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-7.539	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0074	-2.5 to 2.5	Pass

3. Modulation Characteristics

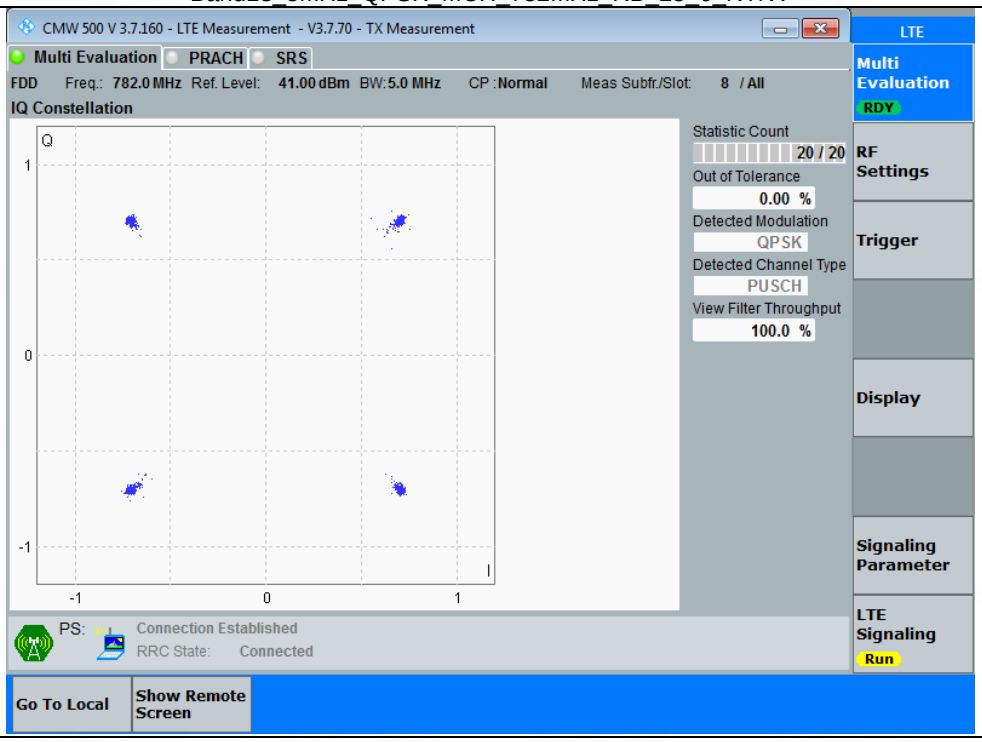
3.1 B13_5MHz

3.1.1 Test Result

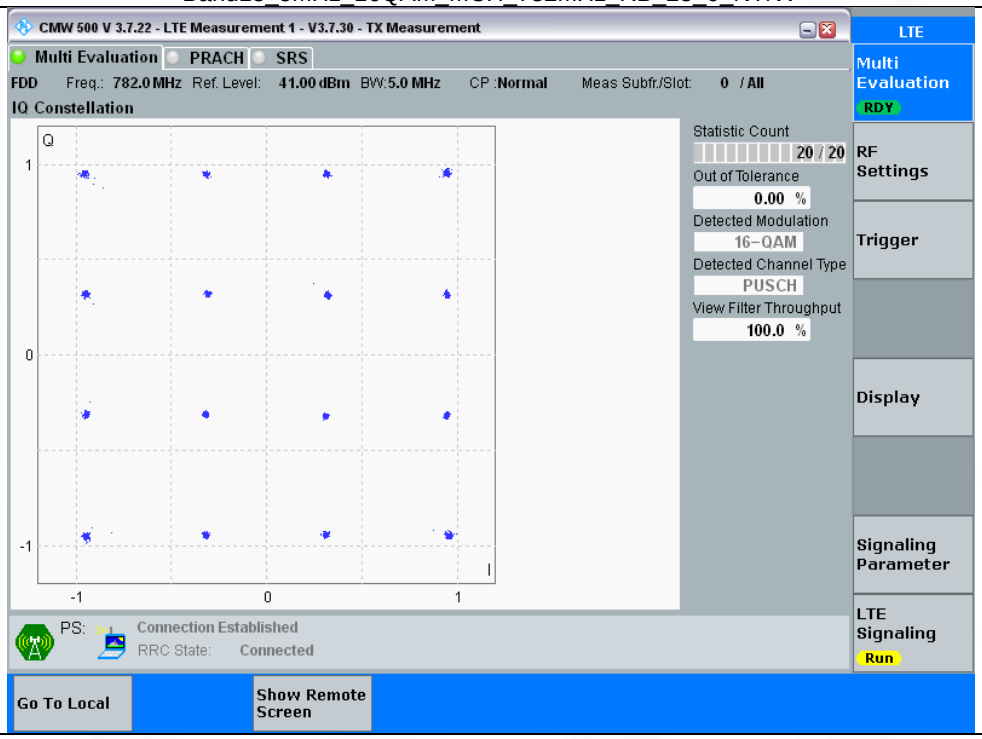
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



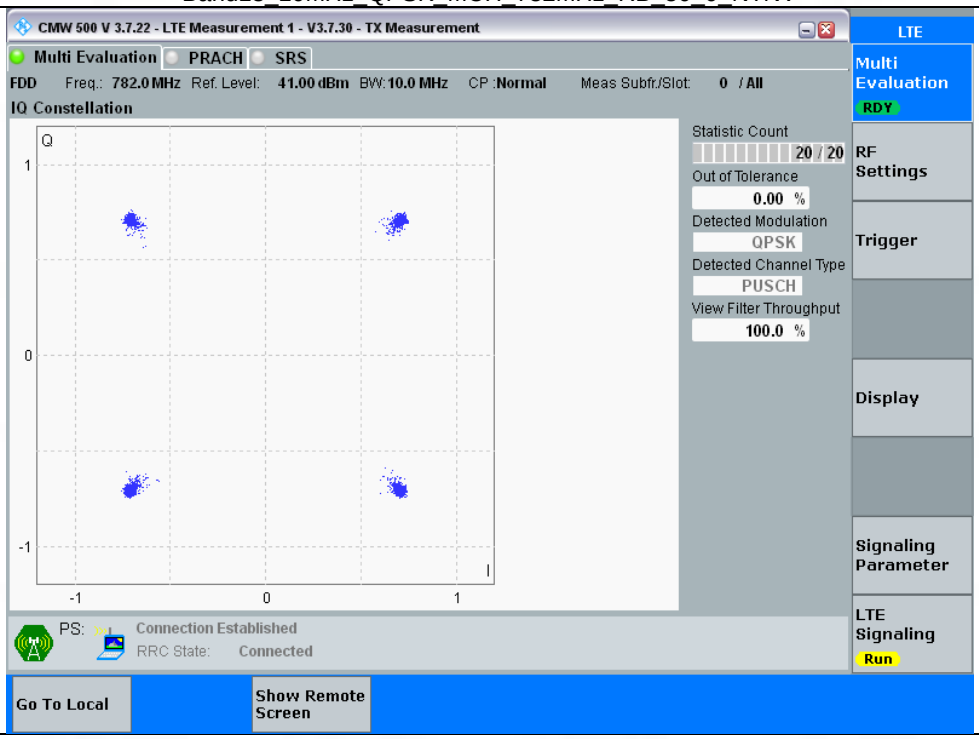
3.2 B13_10MHz

3.2.1 Test Result

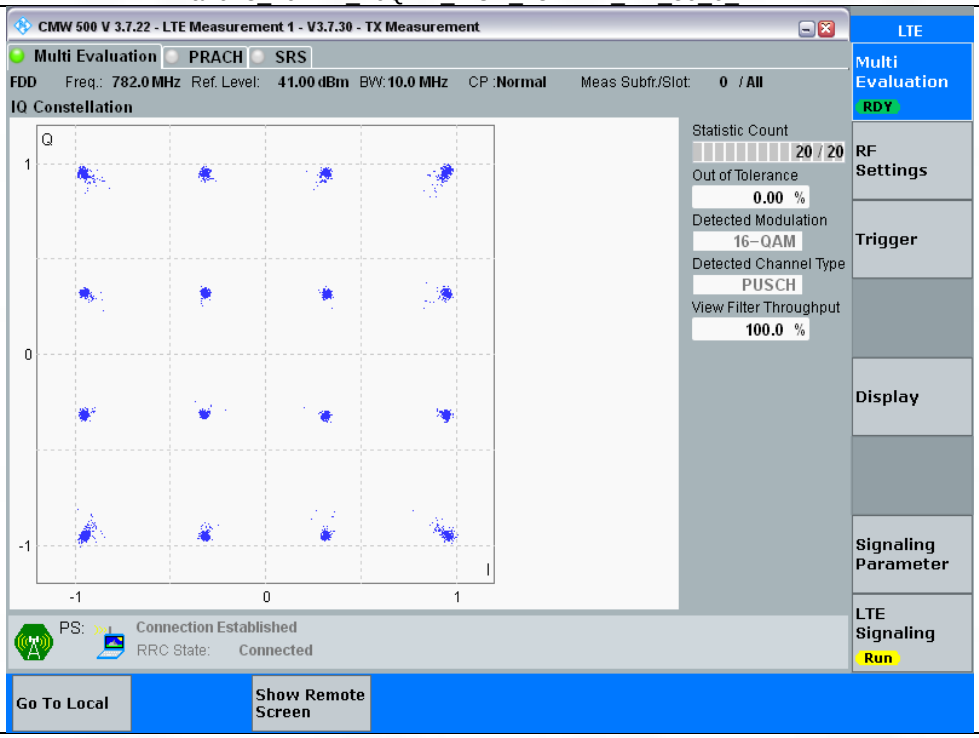
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



3. Modulation Characteristics

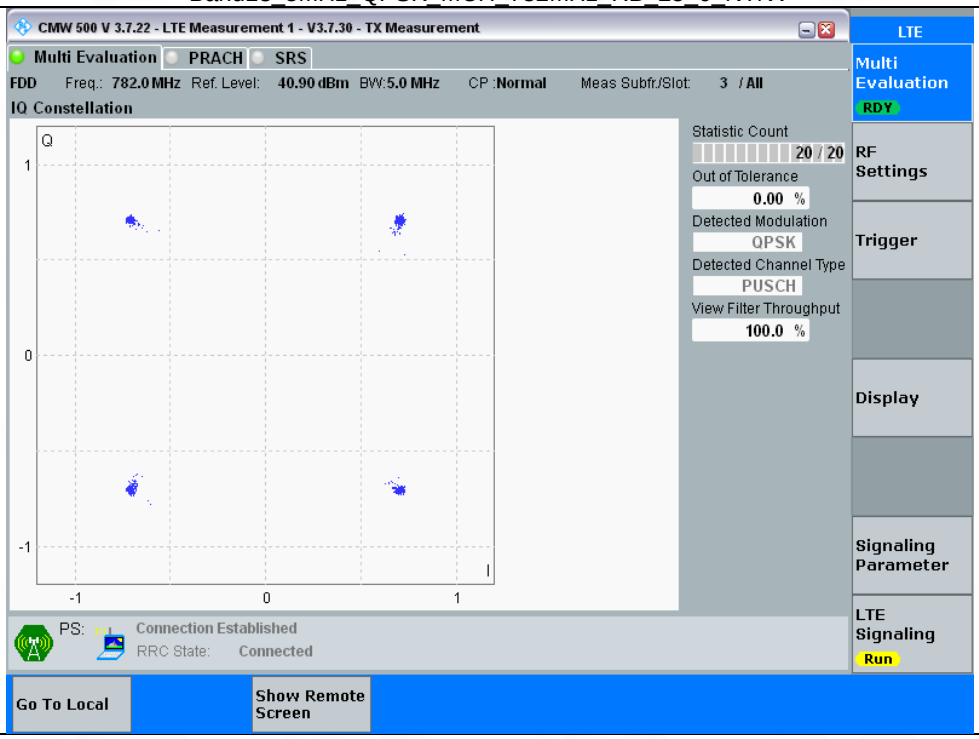
3.1 B13_5MHz

3.1.1 Test Result

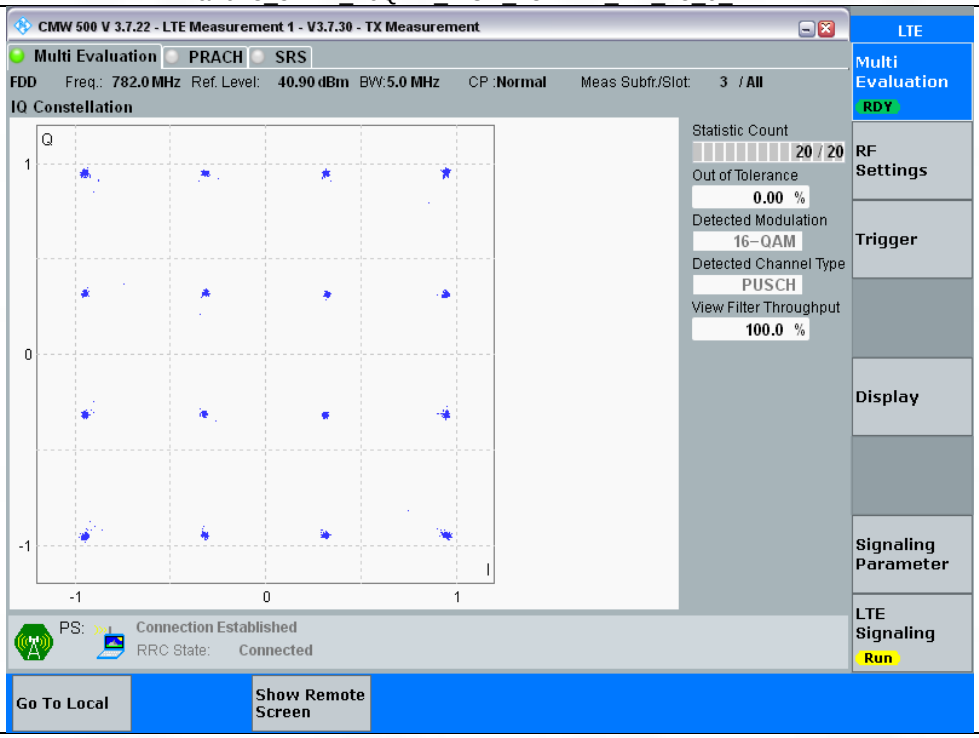
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



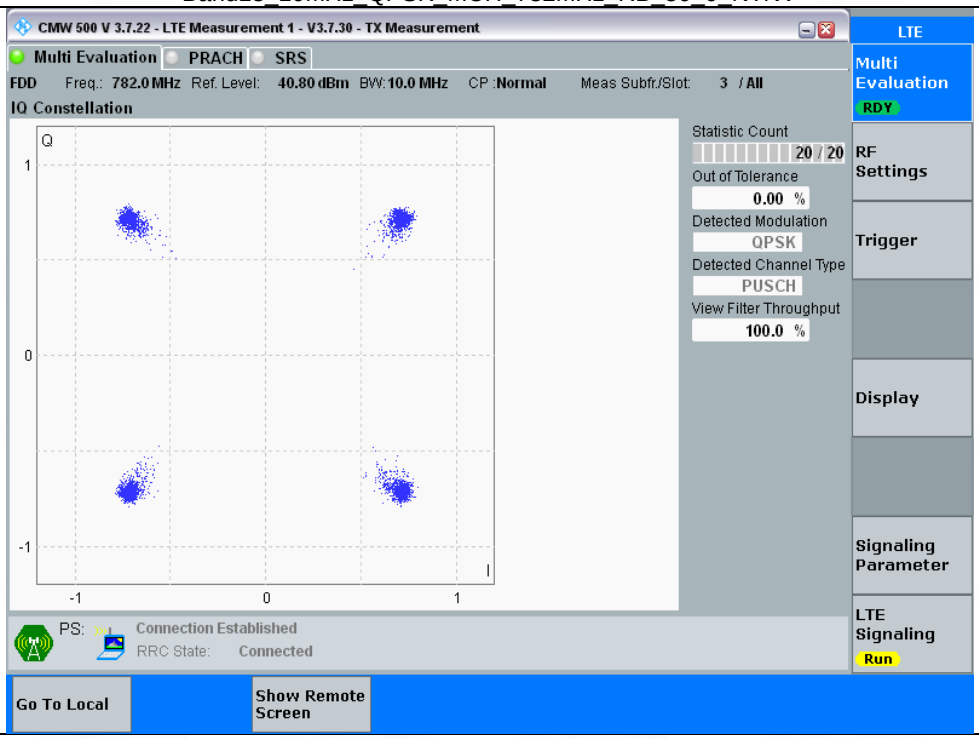
3.2 B13_10MHz

3.2.1 Test Result

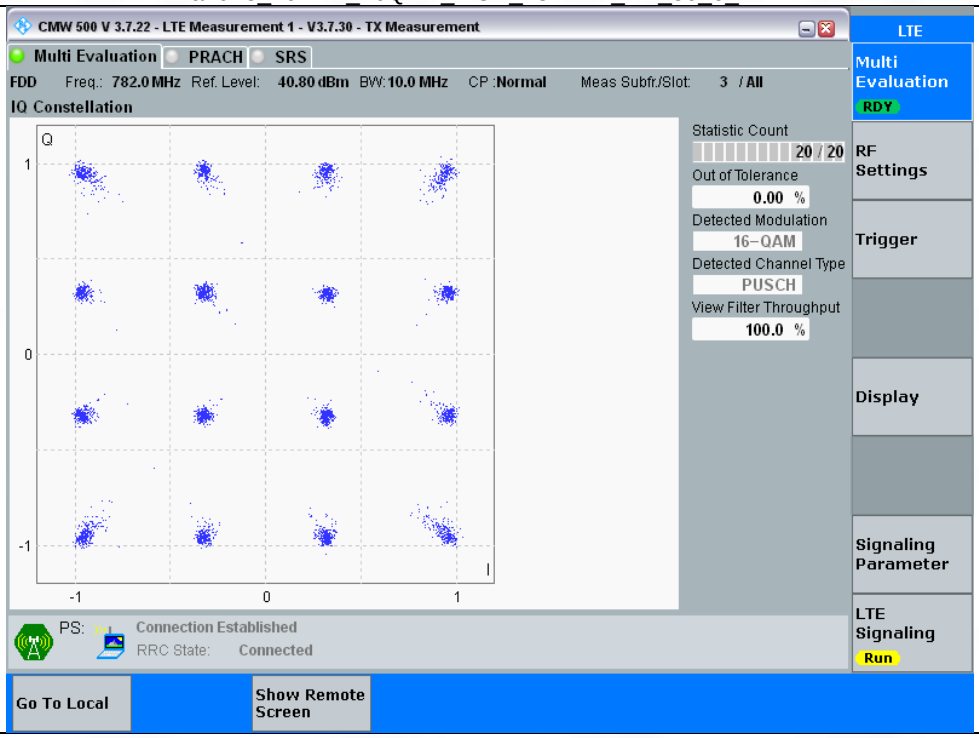
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

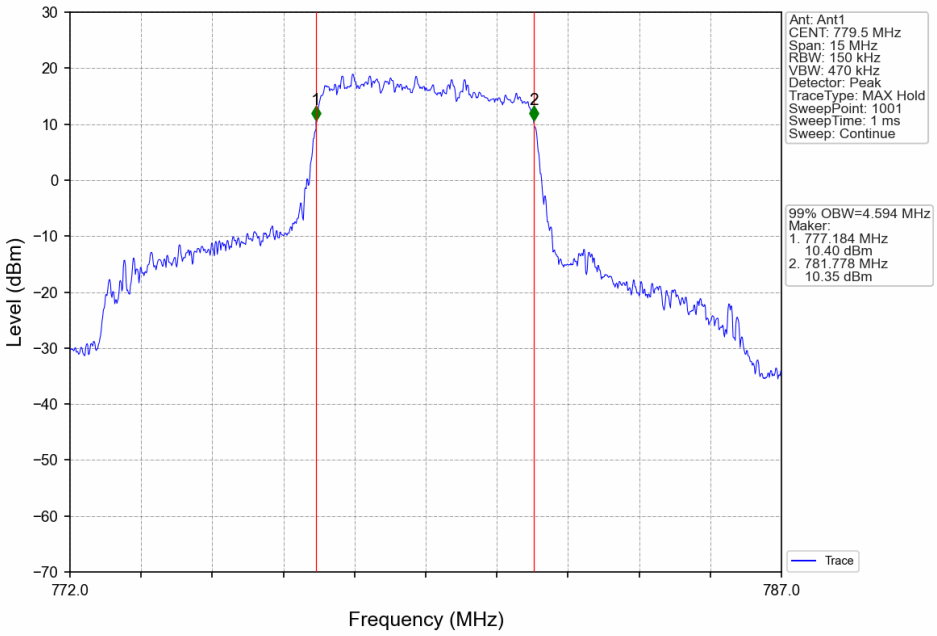
4.1 Band13_OBW

4.1.1 Test Result

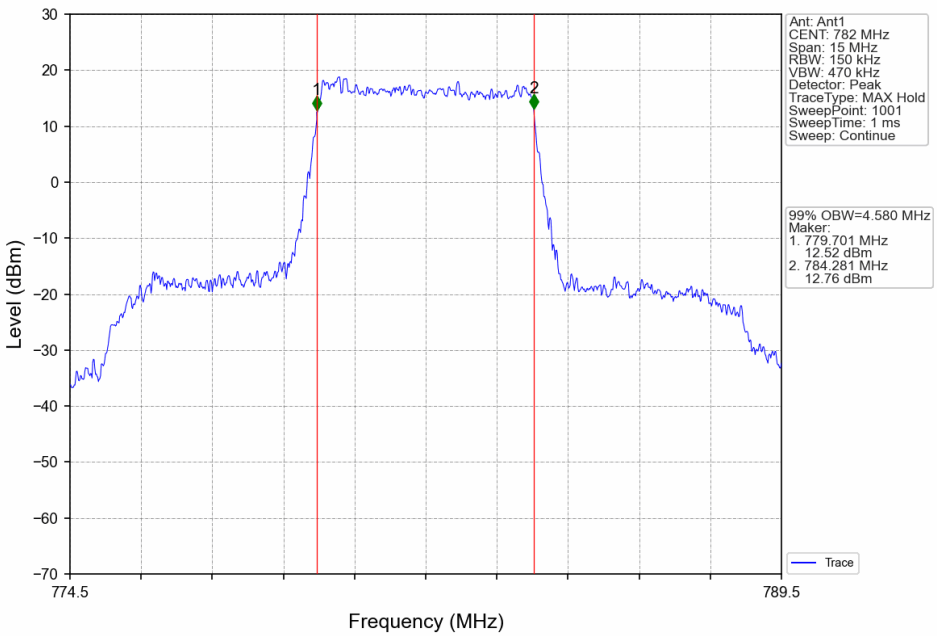
Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.594	Pass
		782	25	0	4.580	Pass
		784.5	25	0	4.601	Pass
	16QAM	779.5	25	0	4.575	Pass
		782	25	0	4.615	Pass
		784.5	25	0	4.623	Pass
10	QPSK	782	50	0	9.214	Pass
	16QAM	782	50	0	9.177	Pass

4.1.2 Test Graph

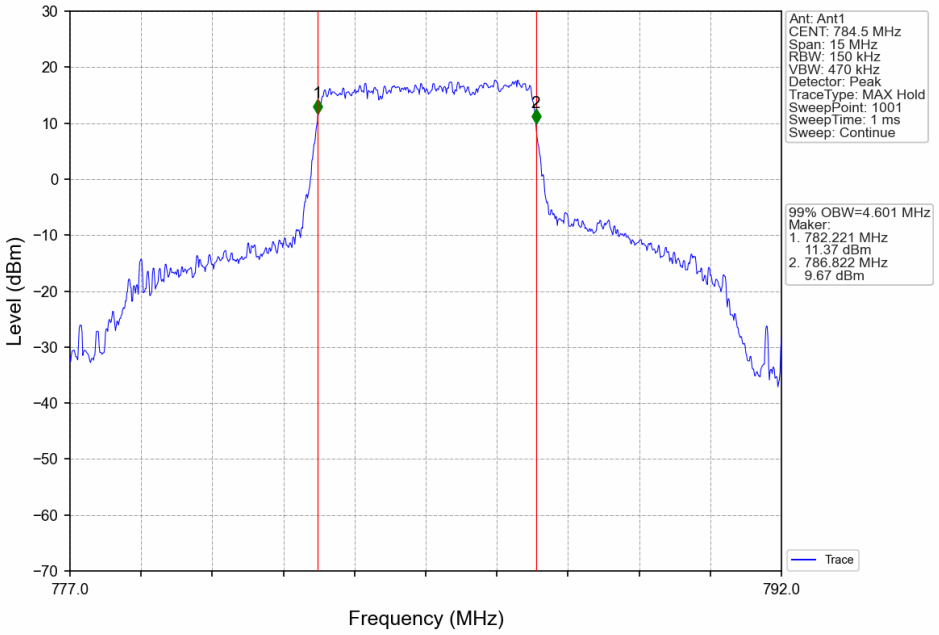
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



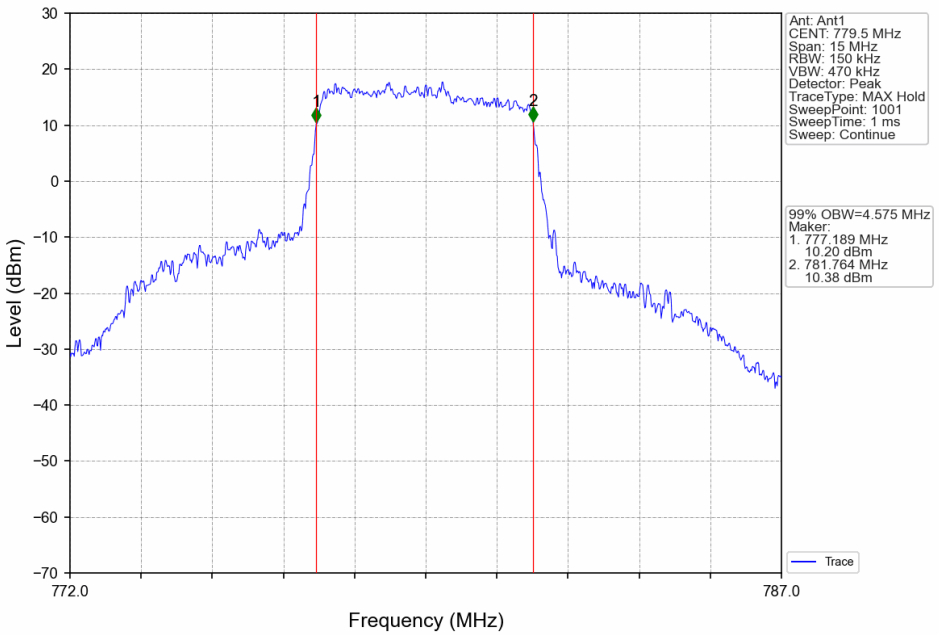
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



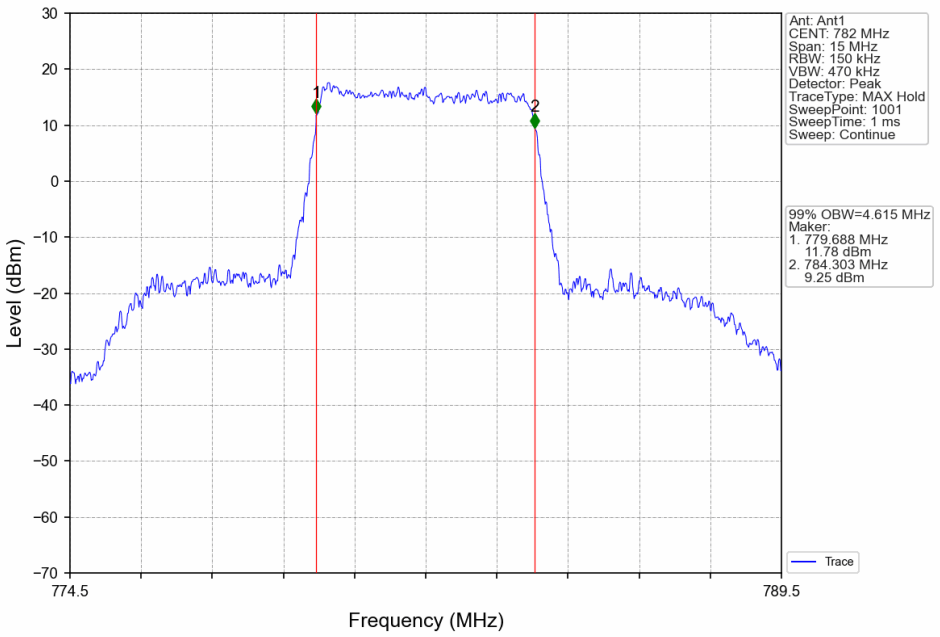
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



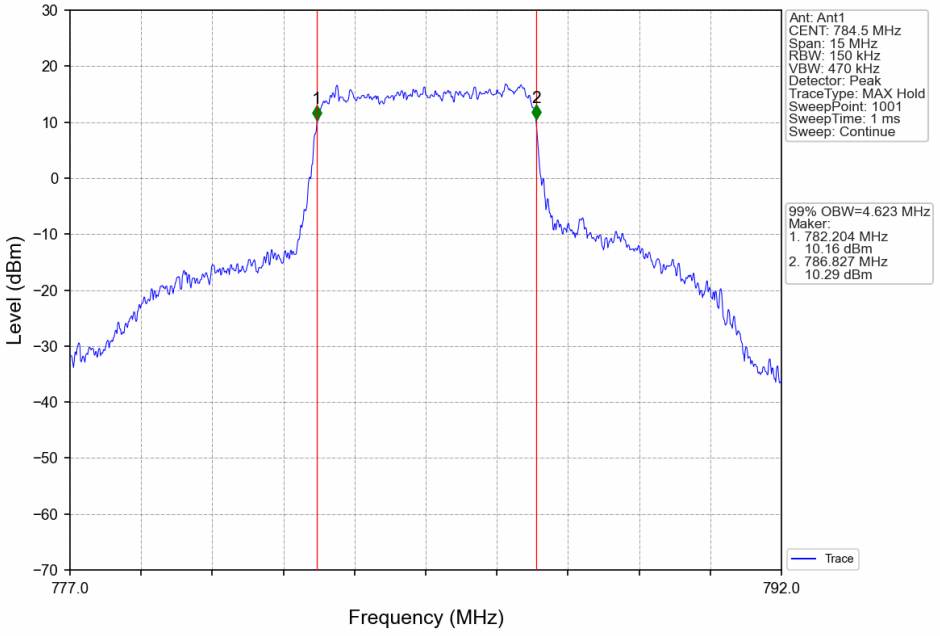
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



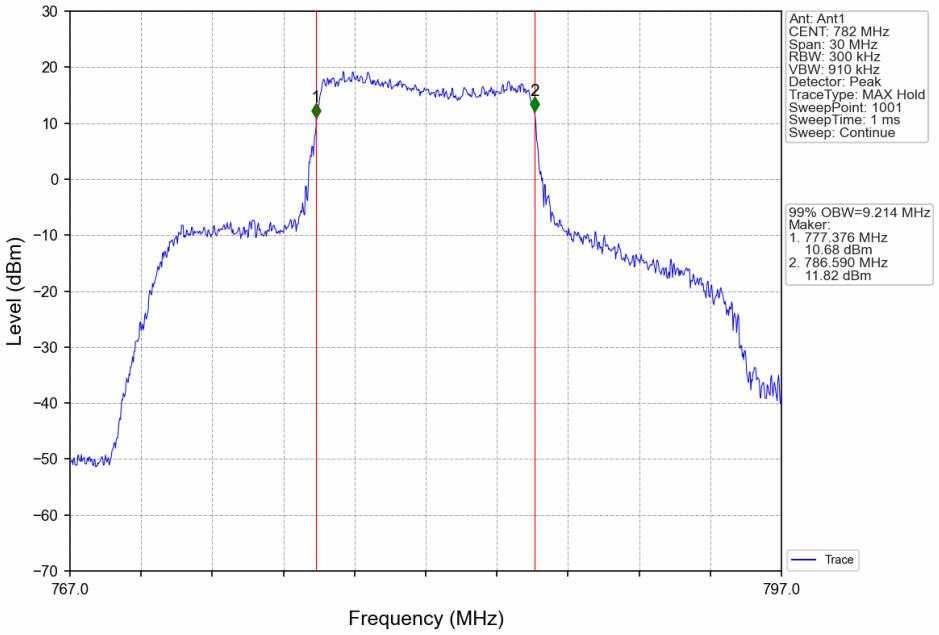
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



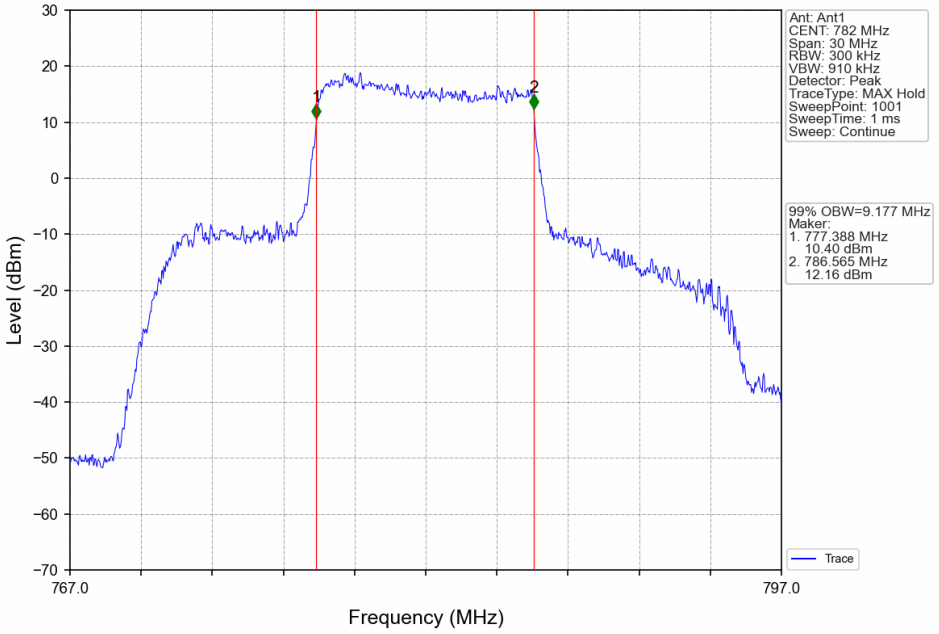
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



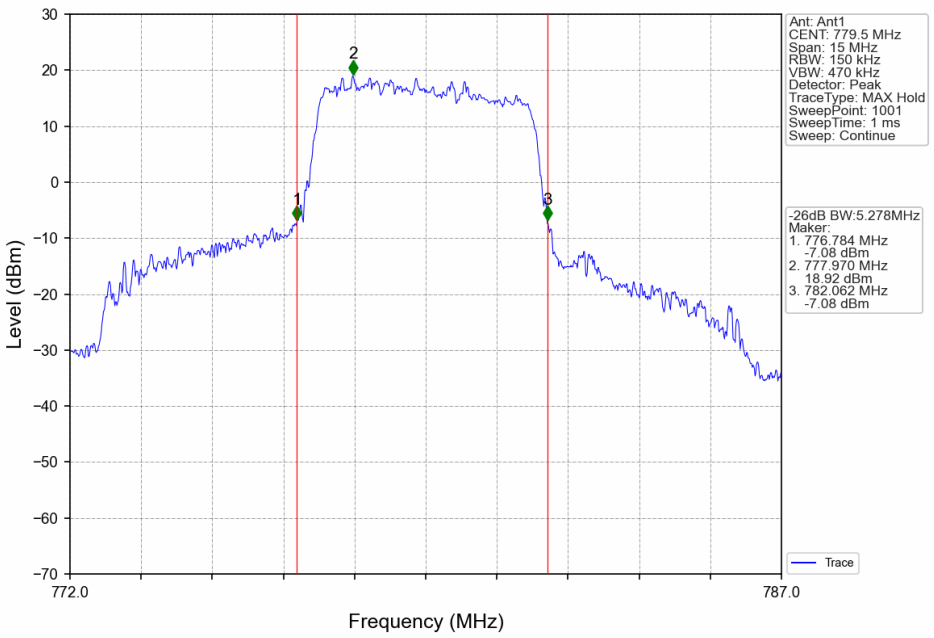
4.2 Band13_XDB

4.2.1 Test Result

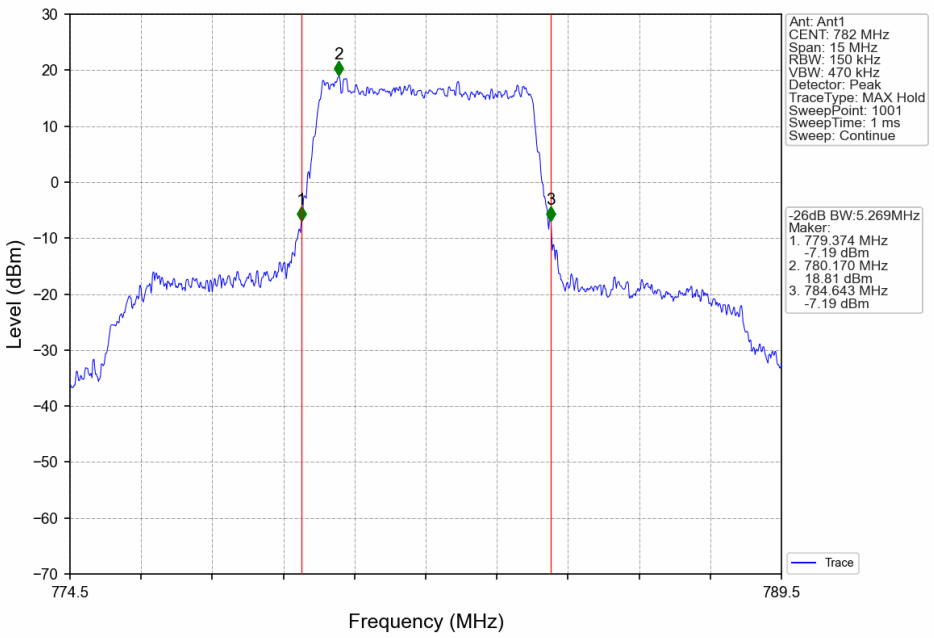
Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.278	Pass
		782	25	0	5.269	Pass
		784.5	25	0	6.474	Pass
	16QAM	779.5	25	0	5.234	Pass
		782	25	0	5.302	Pass
		784.5	25	0	6.036	Pass
10	QPSK	782	50	0	10.750	Pass
	16QAM	782	50	0	10.361	Pass

4.2.2 Test Graph

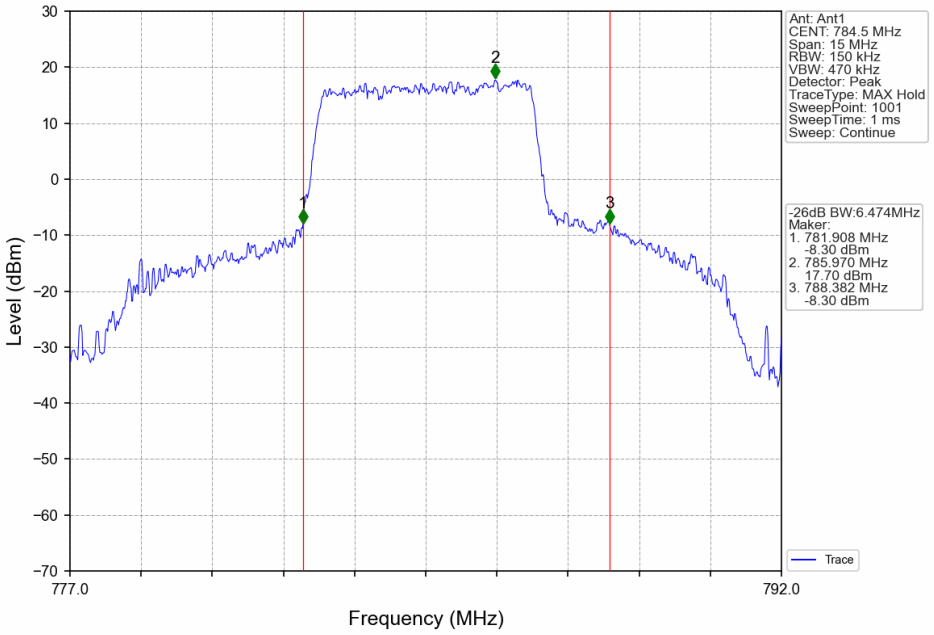
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



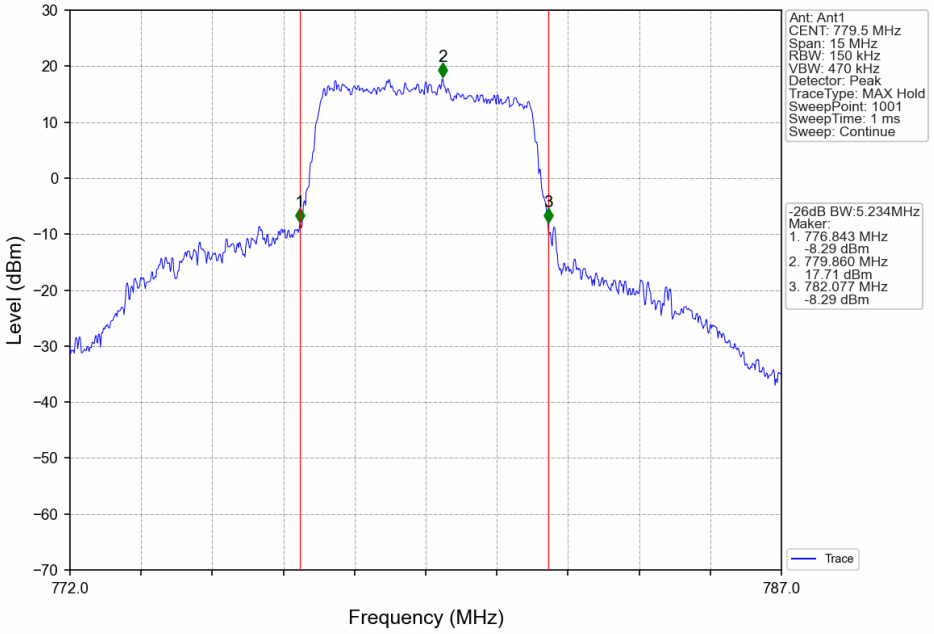
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



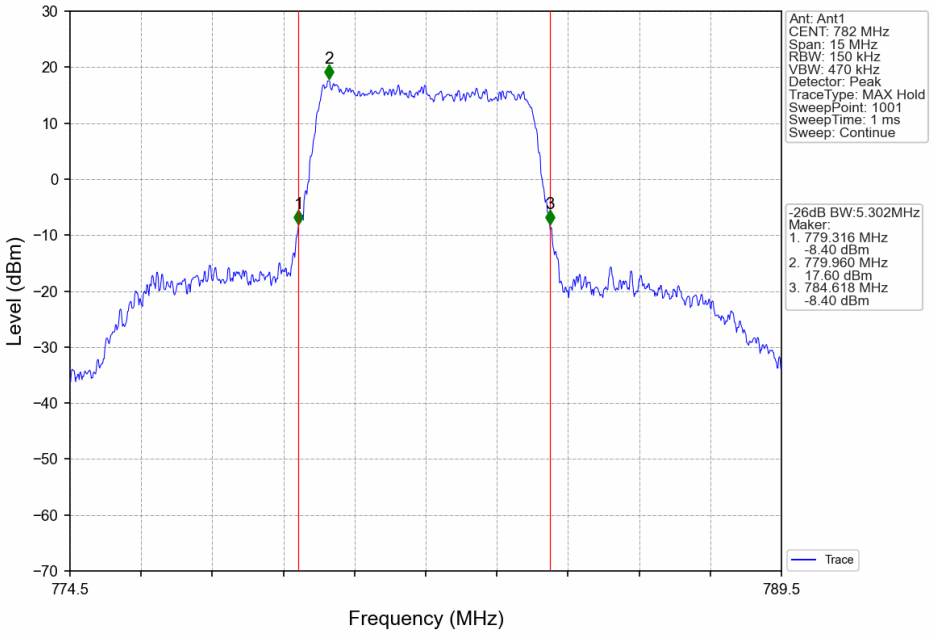
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



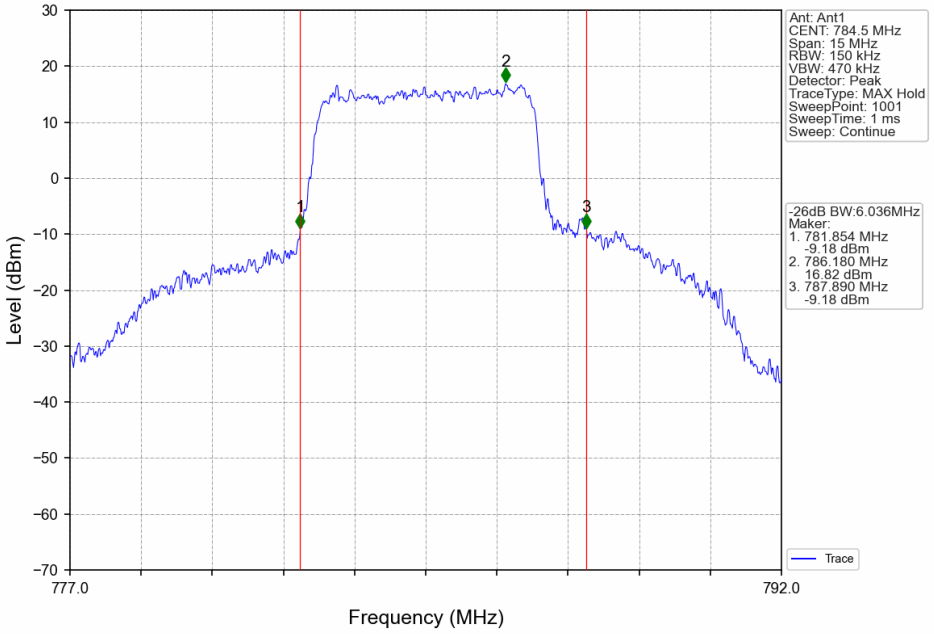
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



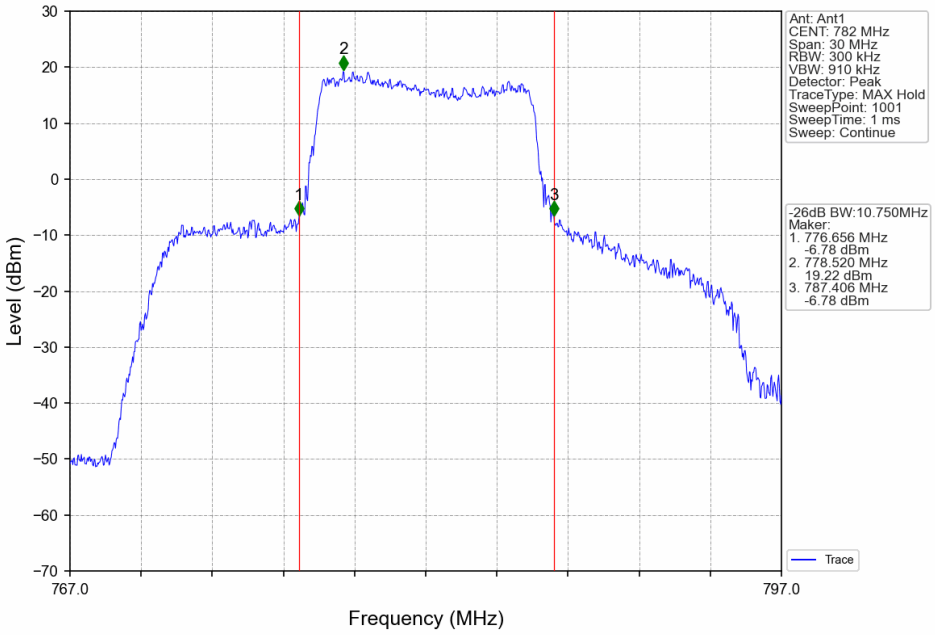
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



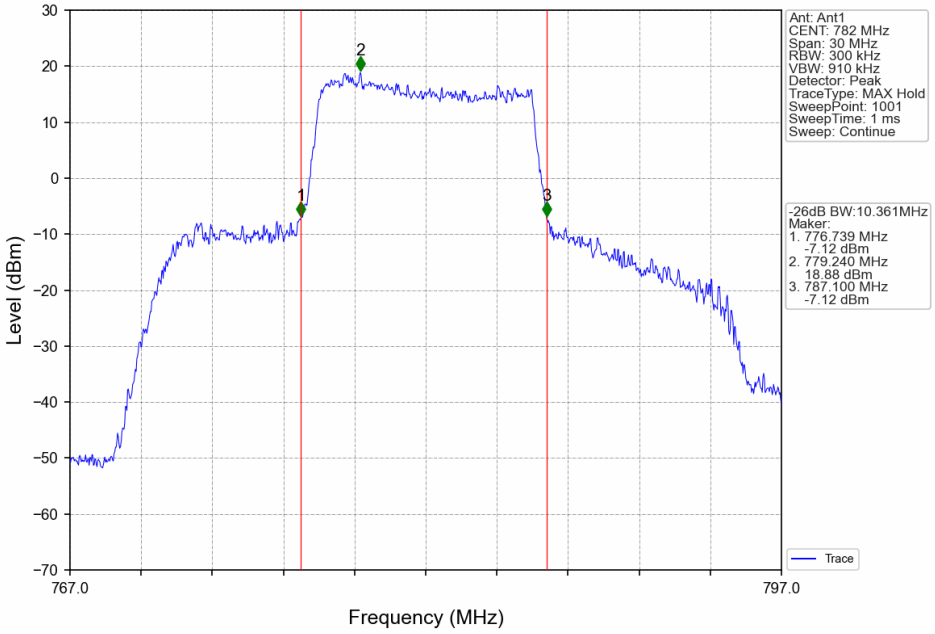
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



5. Peak-Average Ratio

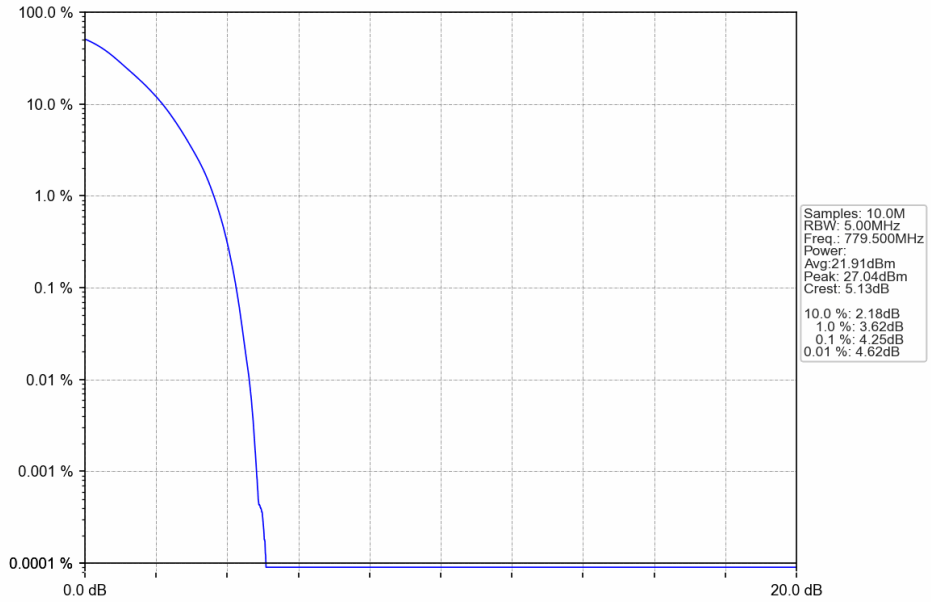
5.1 B13_5MHz

5.1.1 Test Result

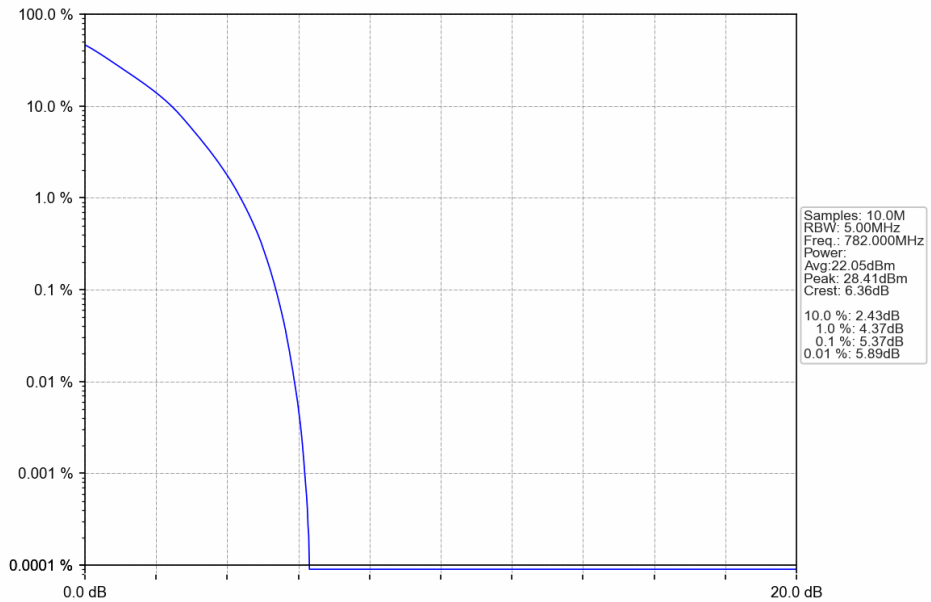
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.25	<=13	Pass
	782	25	0	5.37	<=13	Pass
	784.5	25	0	4.59	<=13	Pass
16QAM	779.5	25	0	5.03	<=13	Pass
	782	25	0	6.08	<=13	Pass
	784.5	25	0	5.45	<=13	Pass

5.1.2 Test Graph

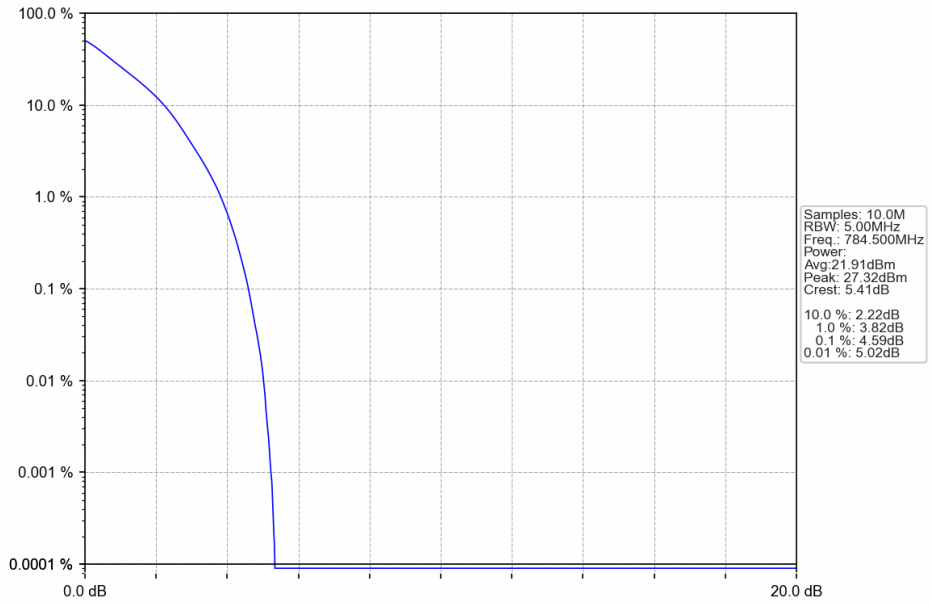
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



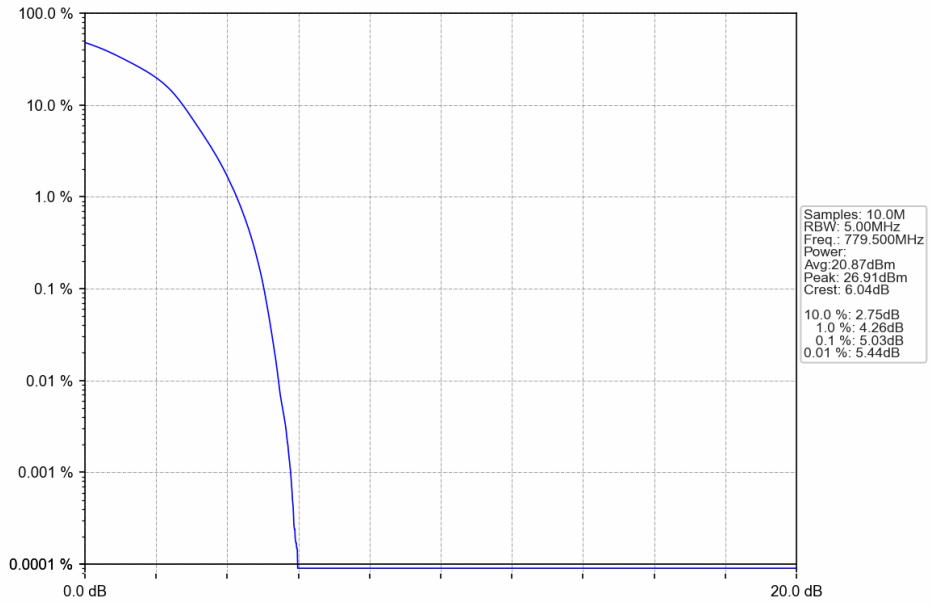
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



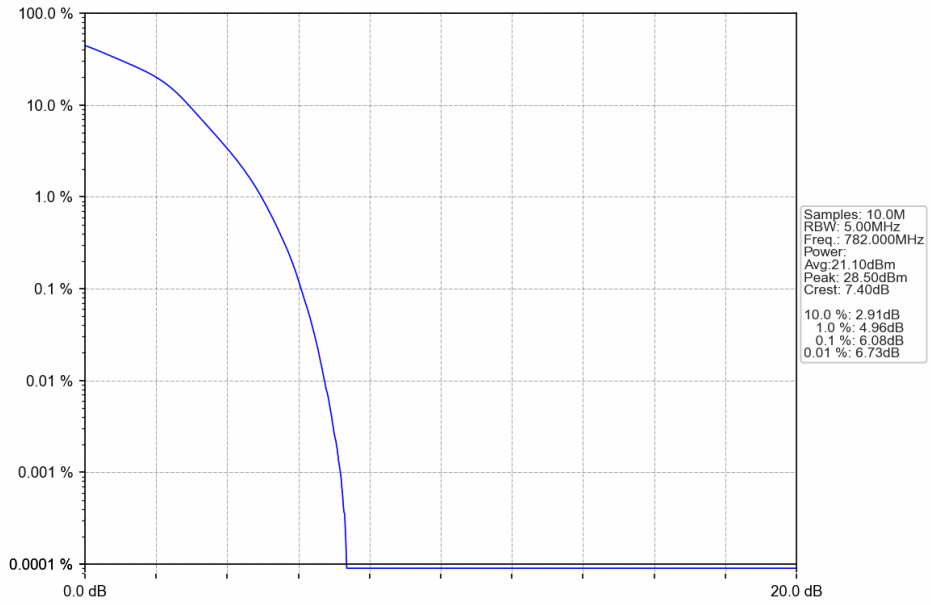
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



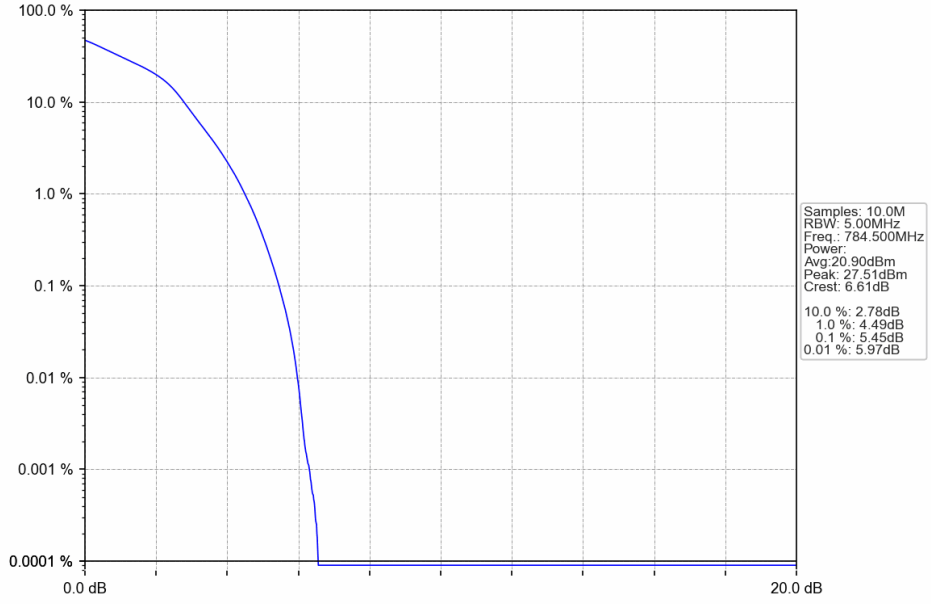
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



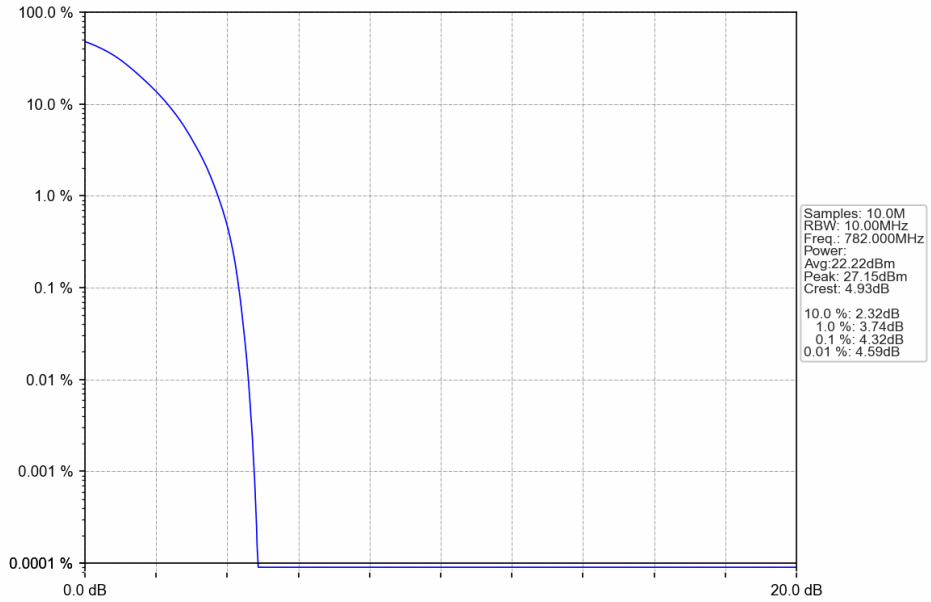
5.2 B13_10MHz

5.2.1 Test Result

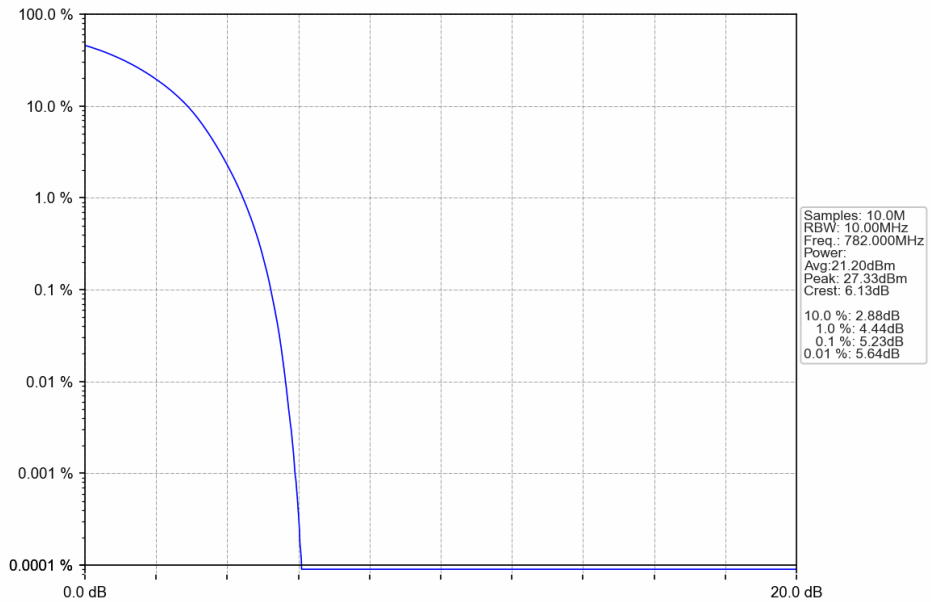
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	4.32	<=13	Pass
16QAM	782	50	0	5.23	<=13	Pass

5.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



6. Spurious Emission

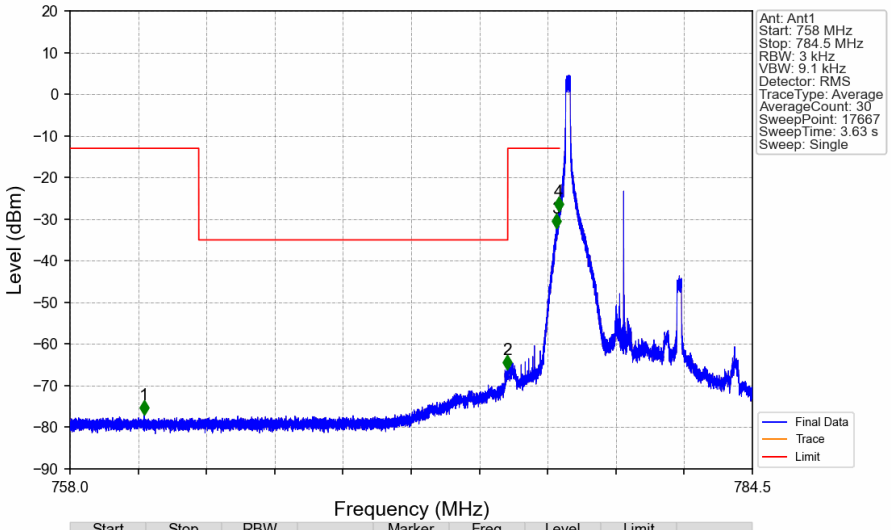
6.1 B13_5MHz

6.1.1 Test Result

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

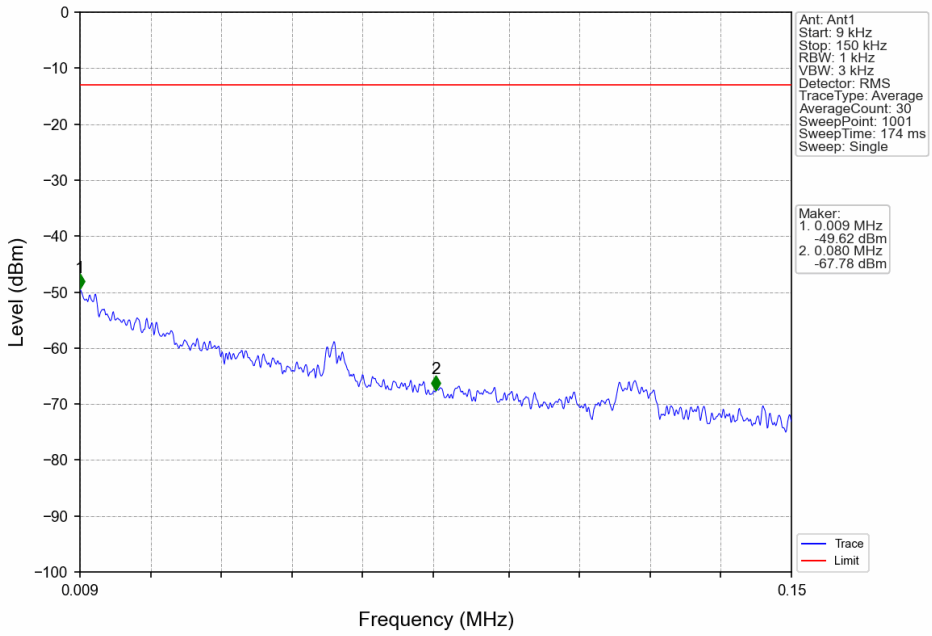
6.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

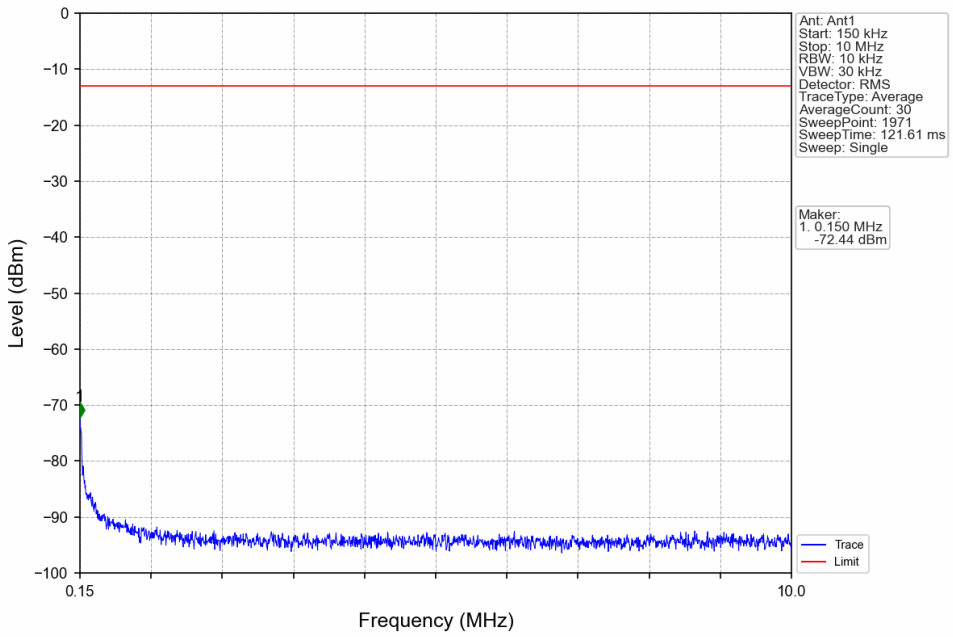


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	/	1	760.883	-77.05	-13	Pass
763	775	0.00625	/	2	774.973	-66.22	-35	Pass
775	776.9	0.1	/	3	776.890	-32.20	-13	Pass
776.9	777	0.03	/	4	776.973	-28.14	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

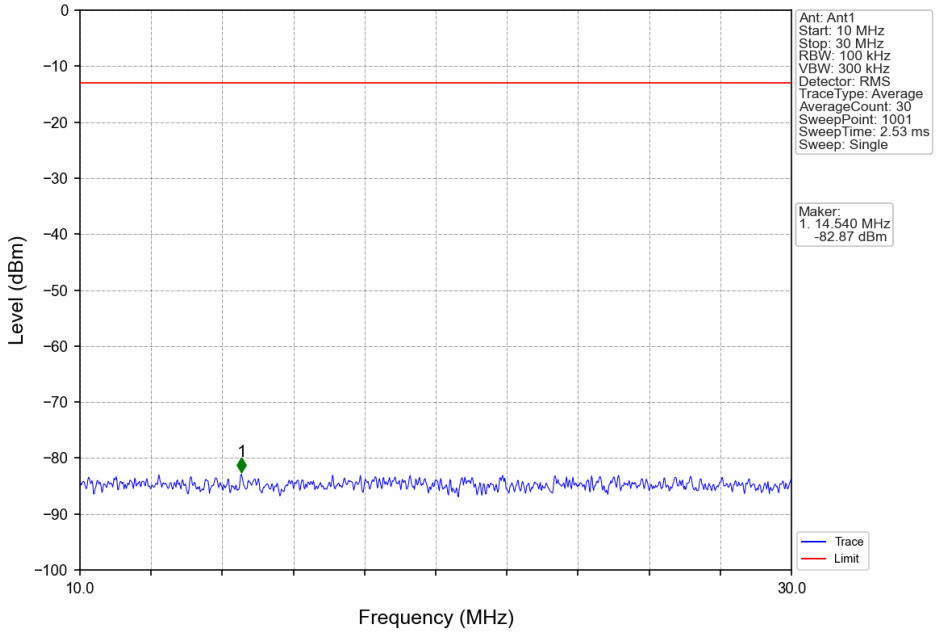
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



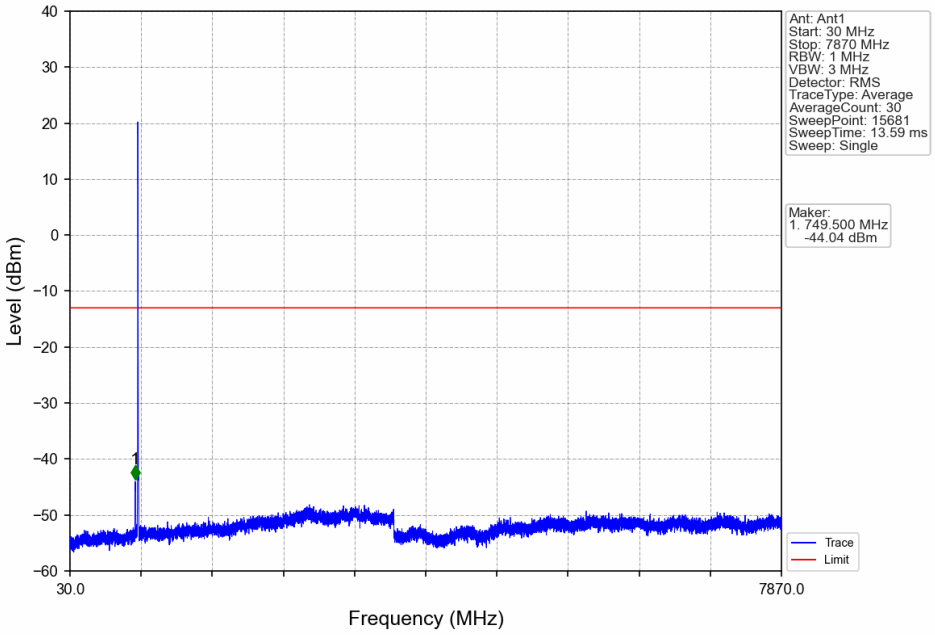
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



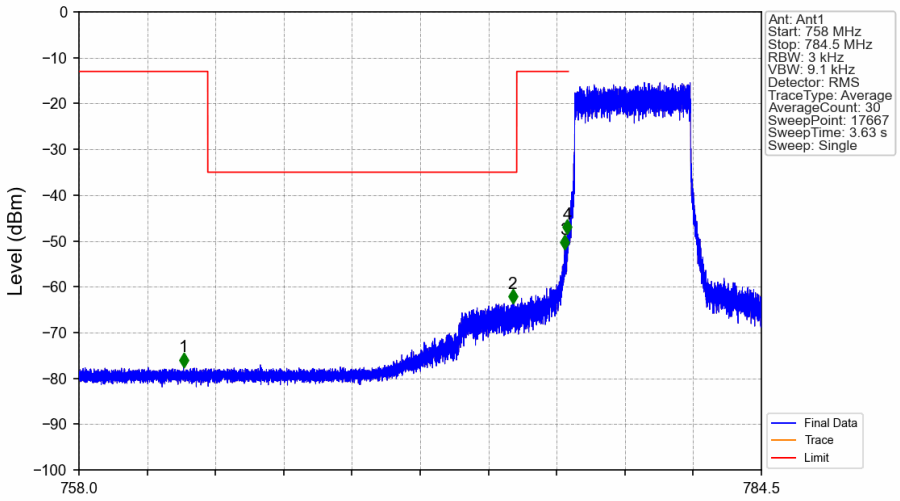
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

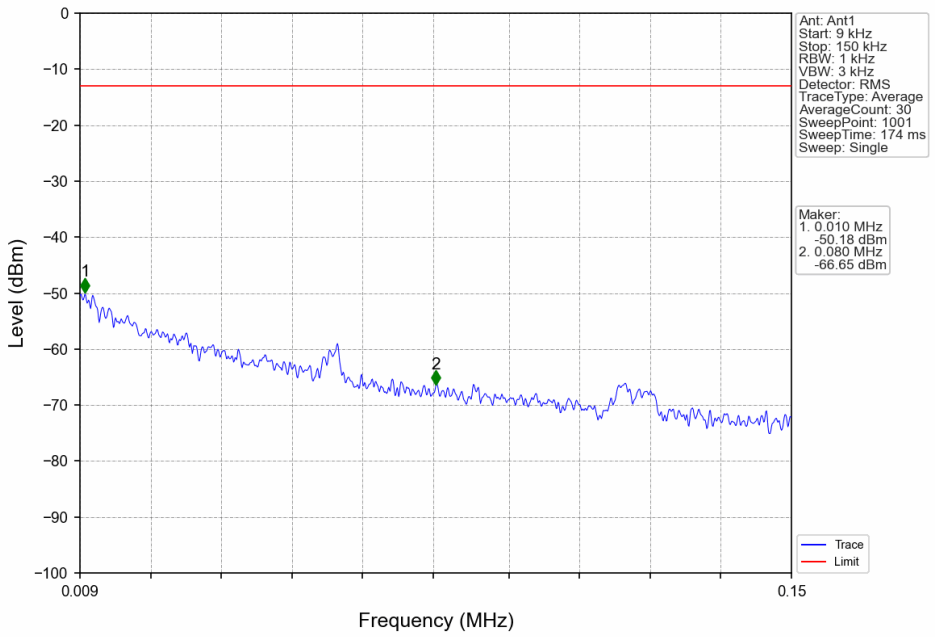


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

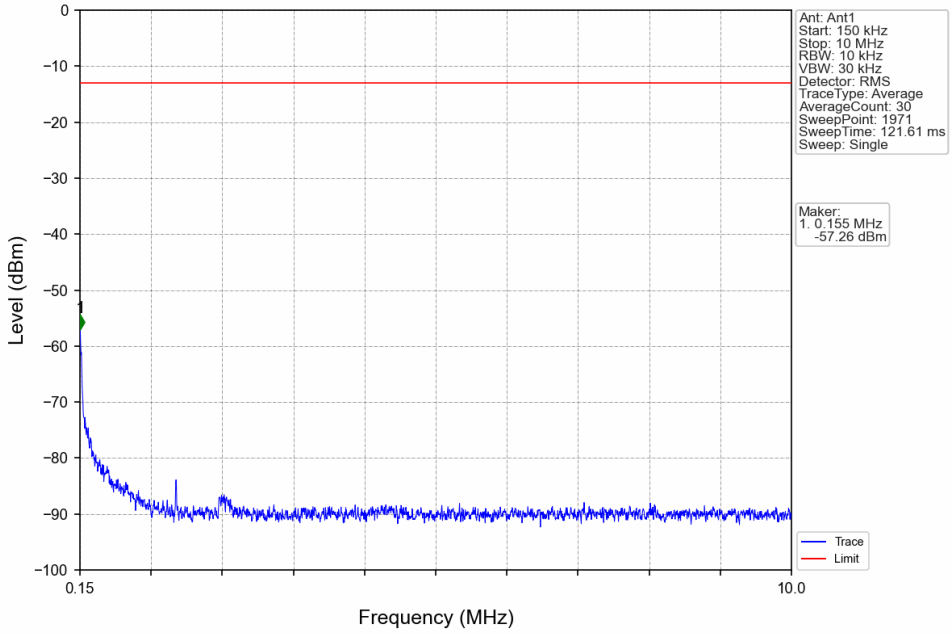


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	/	1	762.061	-77.54	-13	Pass
763	775	0.00625	/	2	774.841	-63.63	-35	Pass
775	776.9	0.1	/	3	776.862	-51.85	-13	Pass
776.9	777	0.03	/	4	776.959	-48.47	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

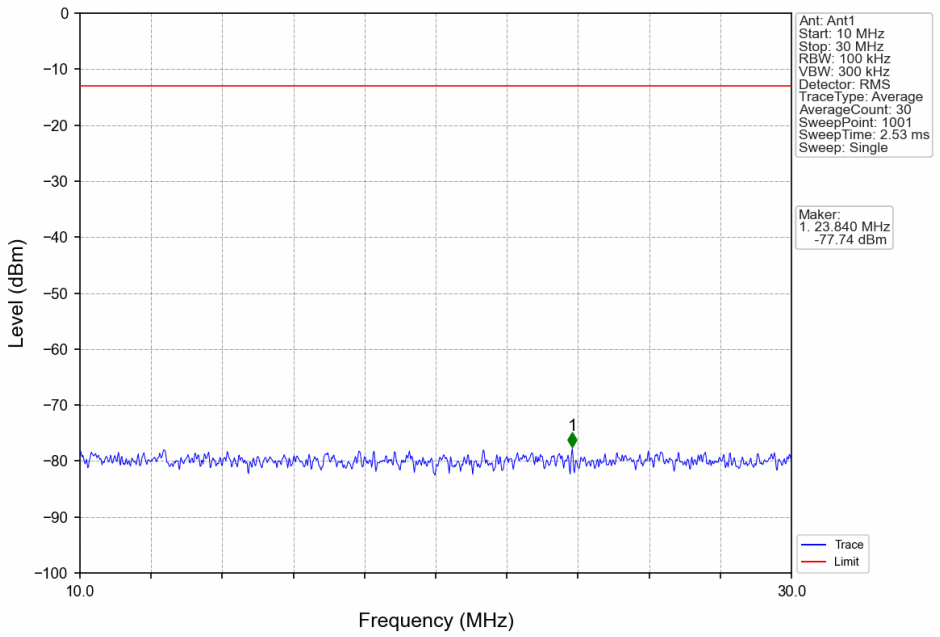
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



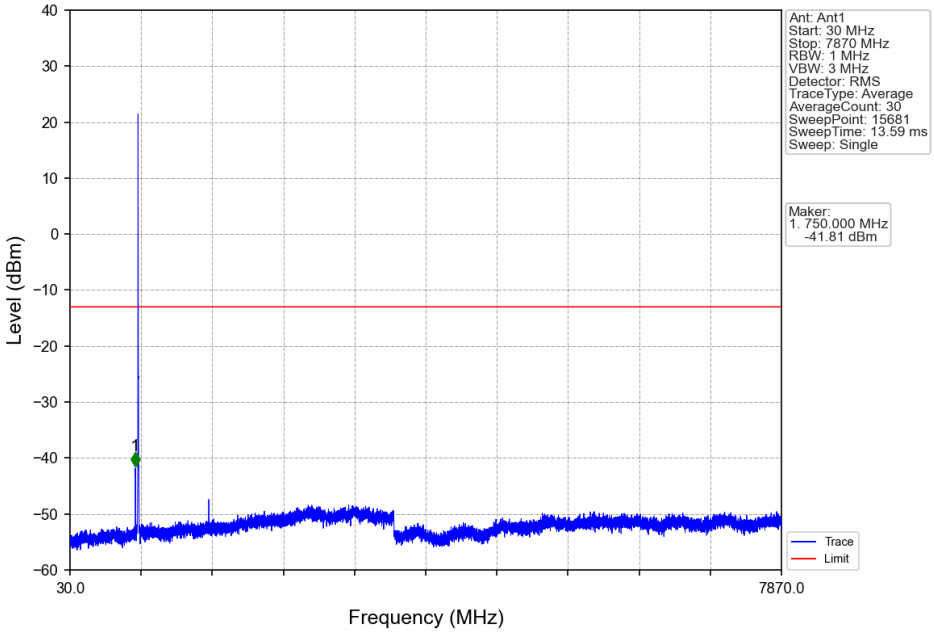
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



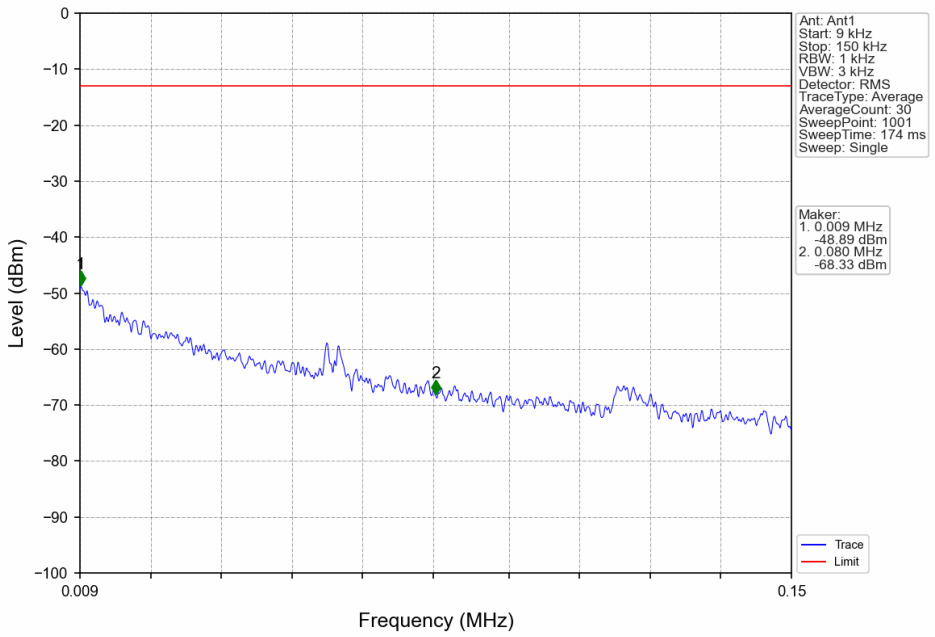
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



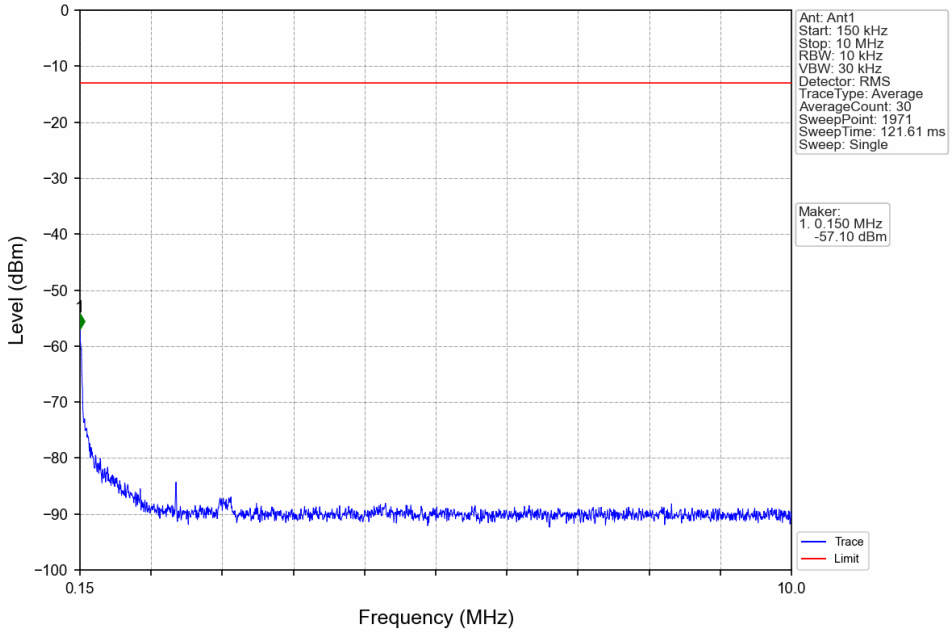
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



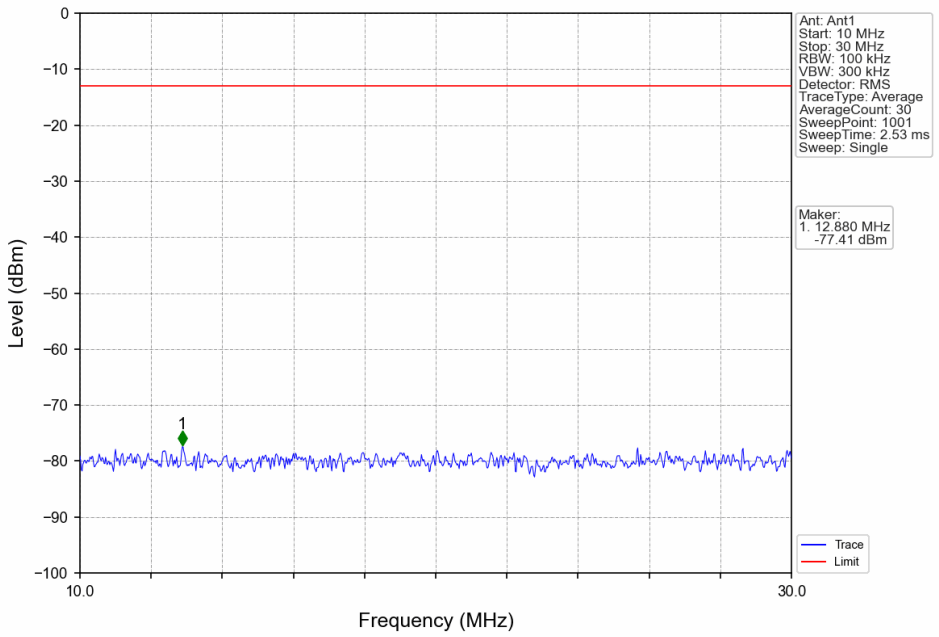
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



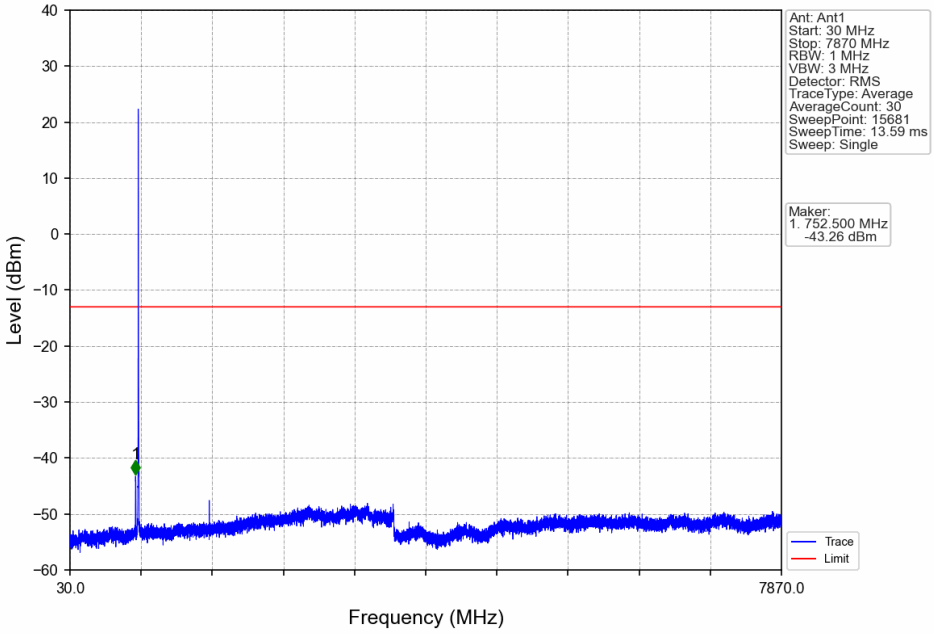
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



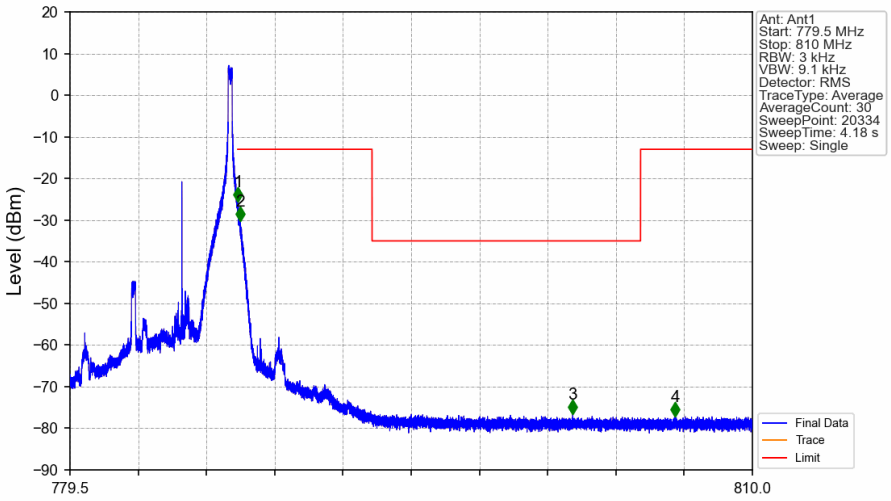
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

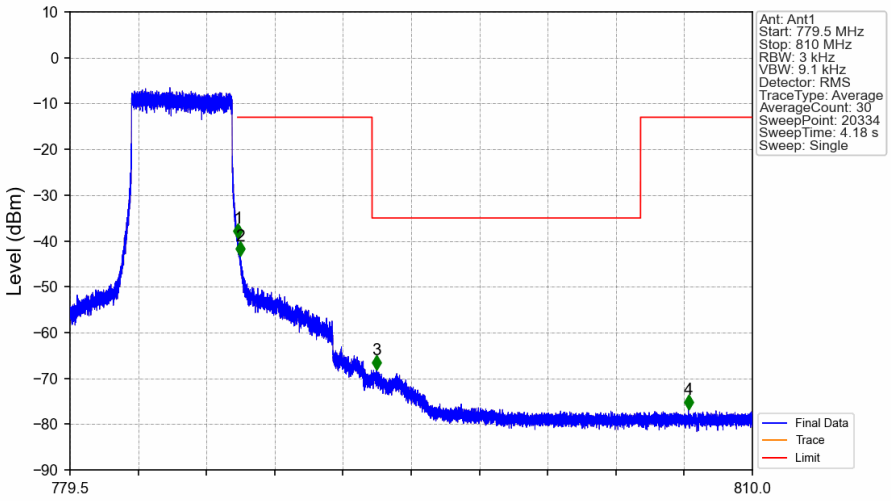


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



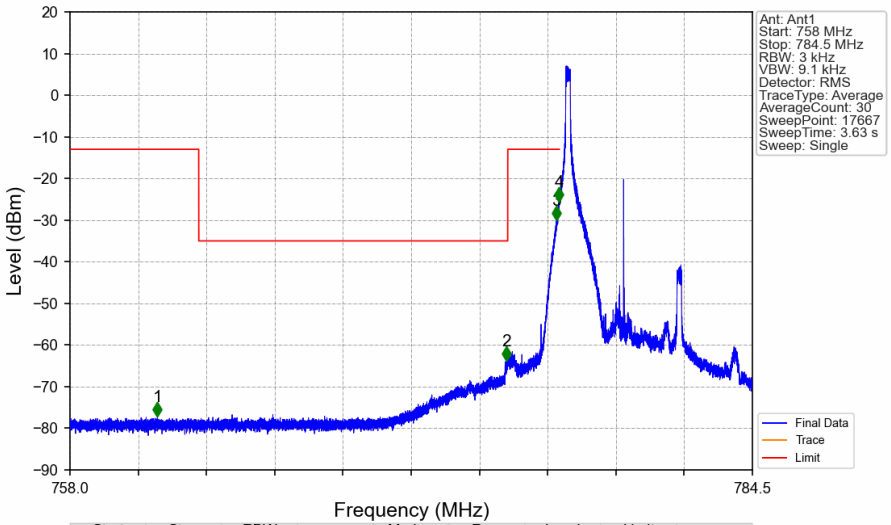
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.012	-25.64	-13	Pass
787.1	793	0.1	/	2	787.108	-30.22	-13	Pass
793	805	0.00625	/	3	801.970	-76.61	-35	Pass
805	810	0.1	/	4	806.544	-77.16	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



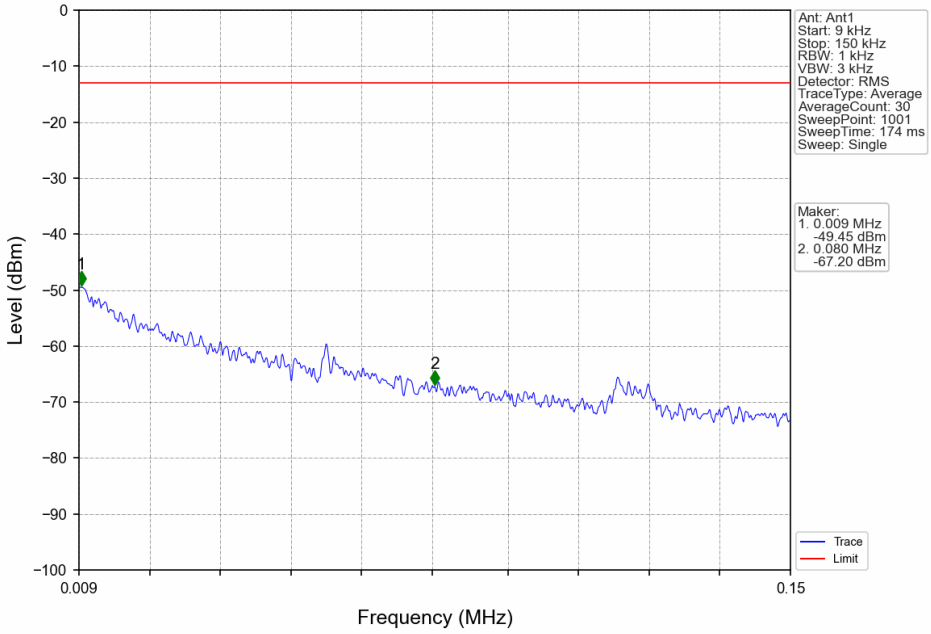
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.015	-39.44	-13	Pass
787.1	793	0.1	/	2	787.114	-43.27	-13	Pass
793	805	0.00625	/	3	793.207	-68.17	-35	Pass
805	810	0.1	/	4	807.141	-76.78	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

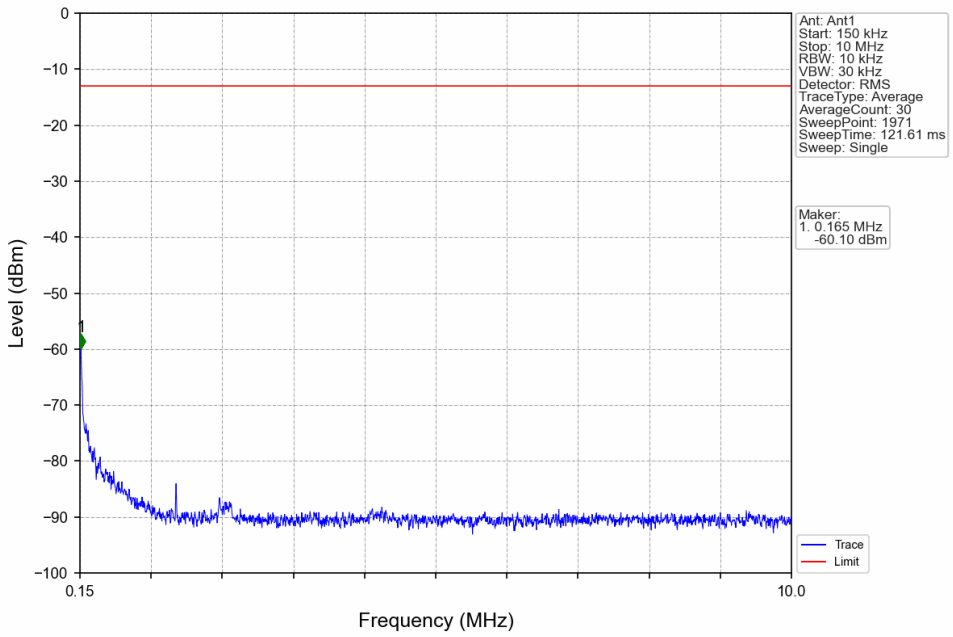


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	/	1	761.398	-77.19	-13	Pass
763	775	0.00625	/	2	774.958	-63.80	-35	Pass
775	776.9	0.1	/	3	776.892	-30.01	-13	Pass
776.9	777	0.03	/	4	776.989	-25.55	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

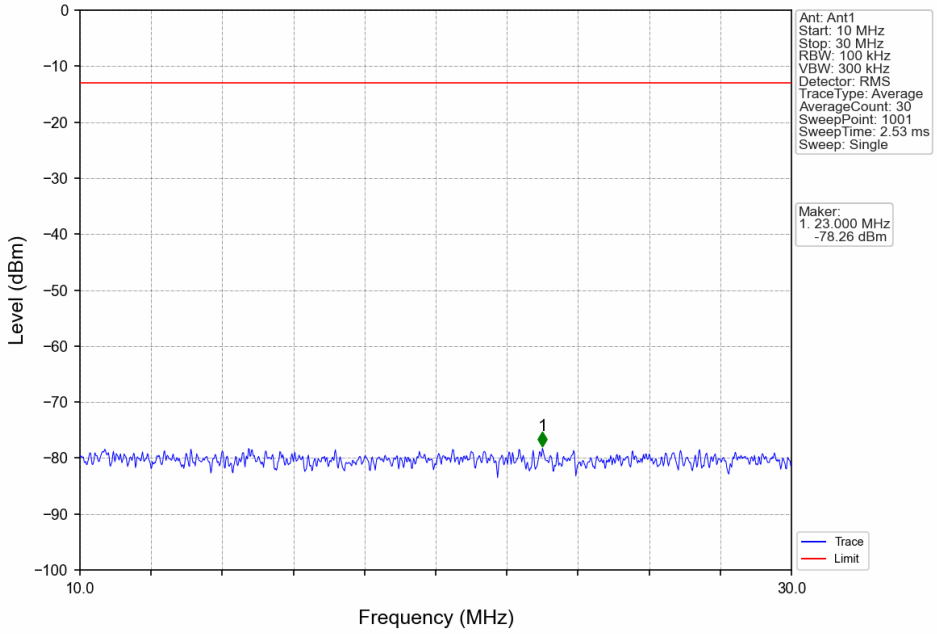
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



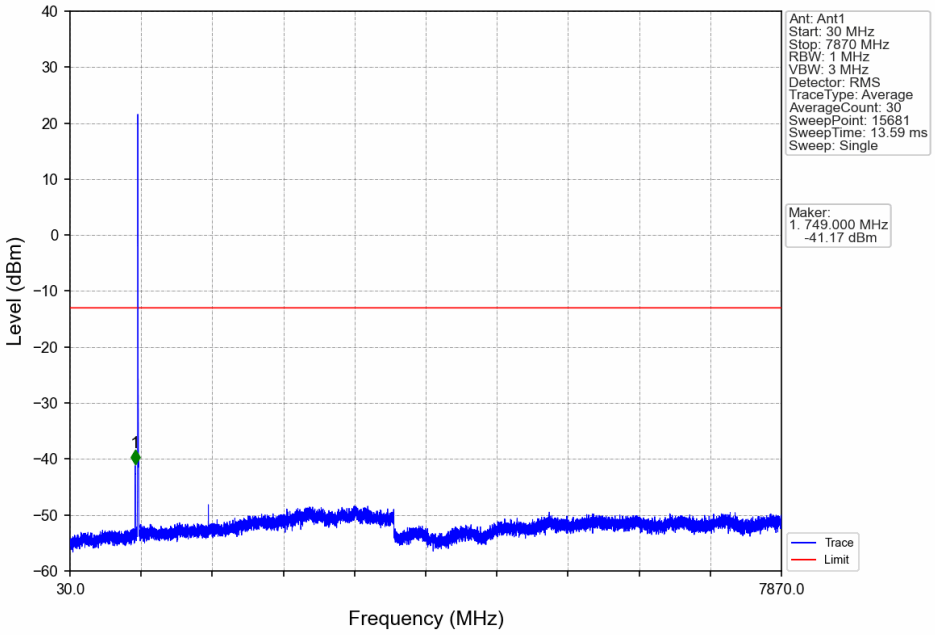
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



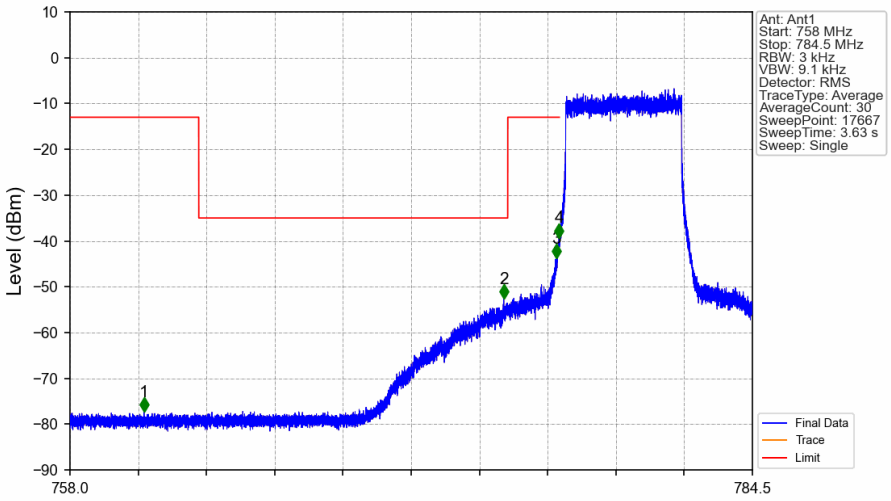
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

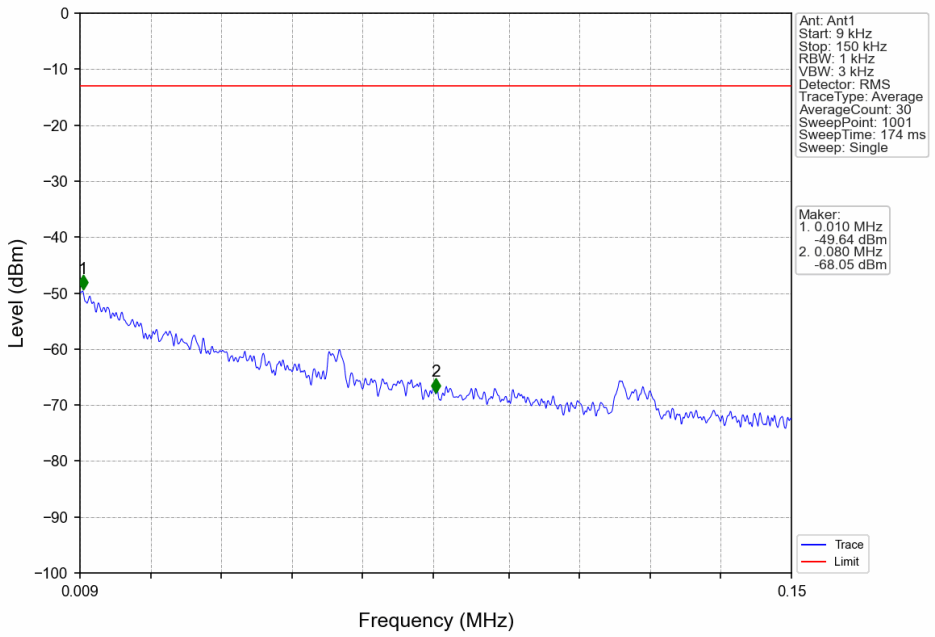


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

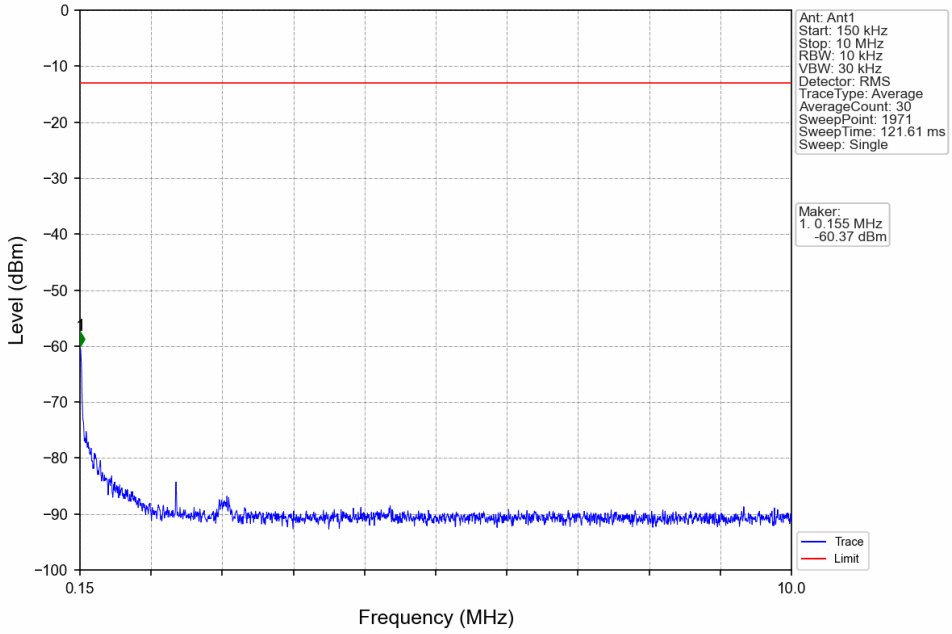


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	/	1	760.876	-77.25	-13	Pass
763	775	0.00625	/	2	774.843	-52.58	-35	Pass
775	776.9	0.1	/	3	776.899	-43.76	-13	Pass
776.9	777	0.03	/	4	776.986	-39.30	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

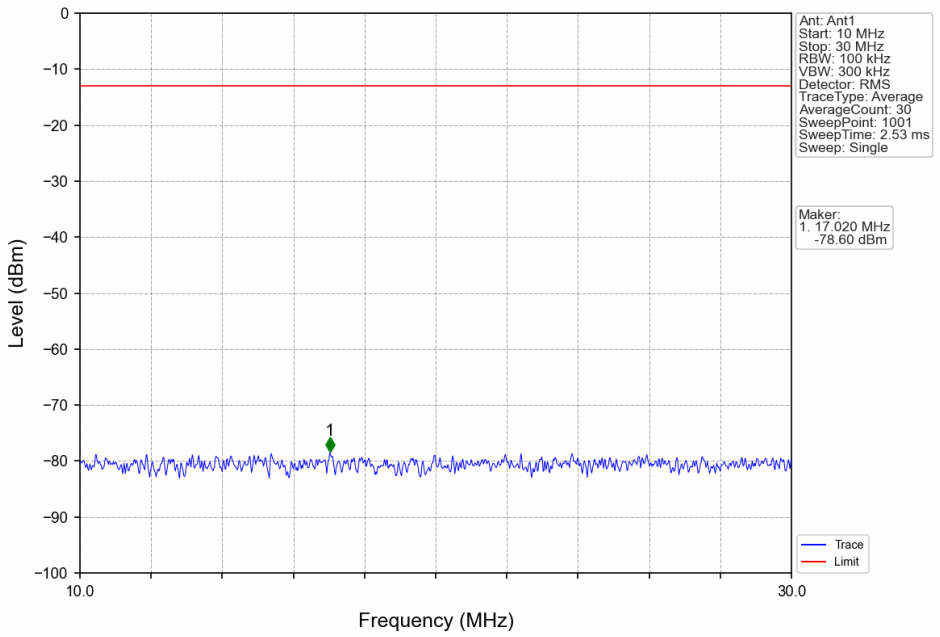
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



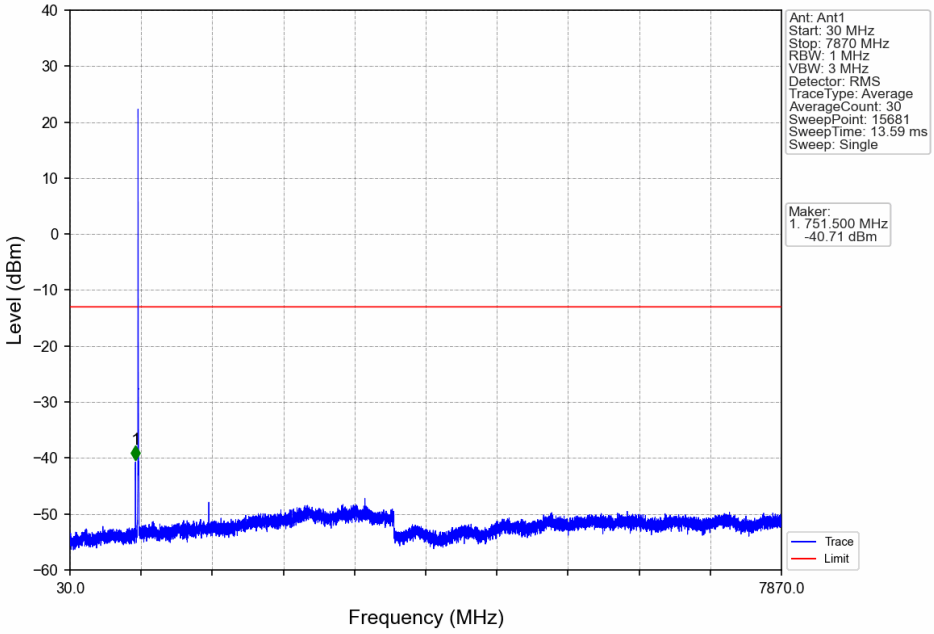
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



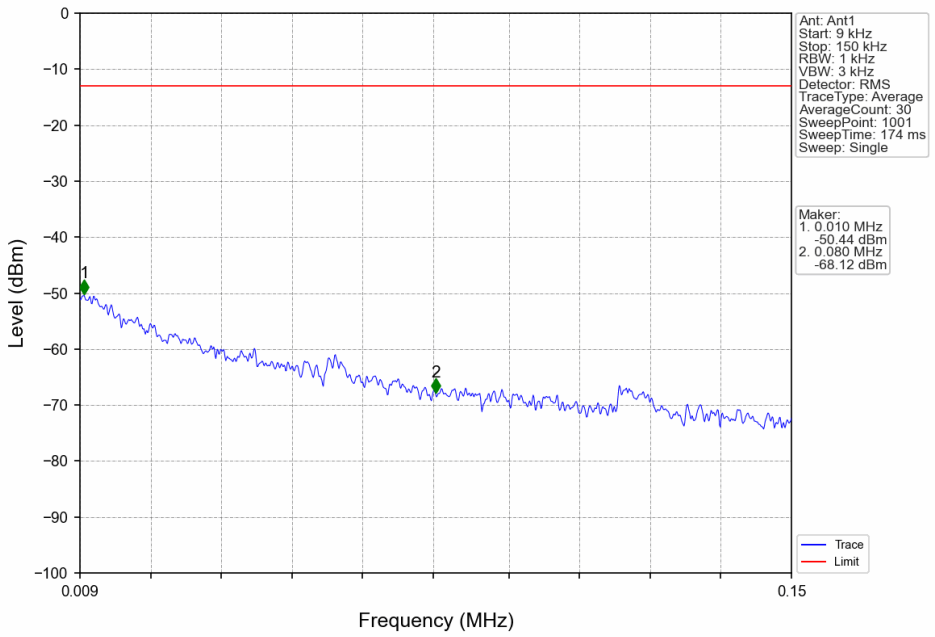
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



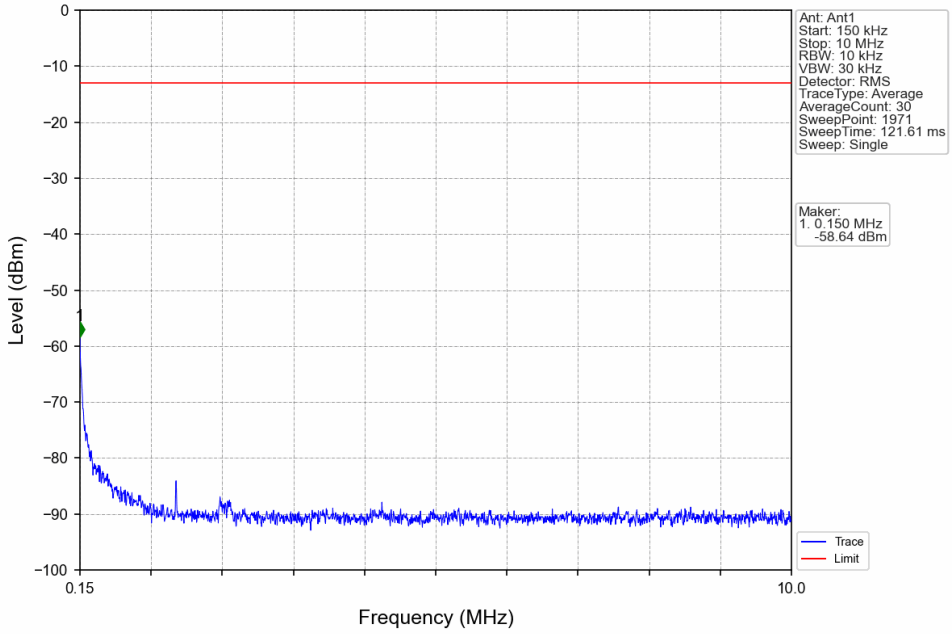
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



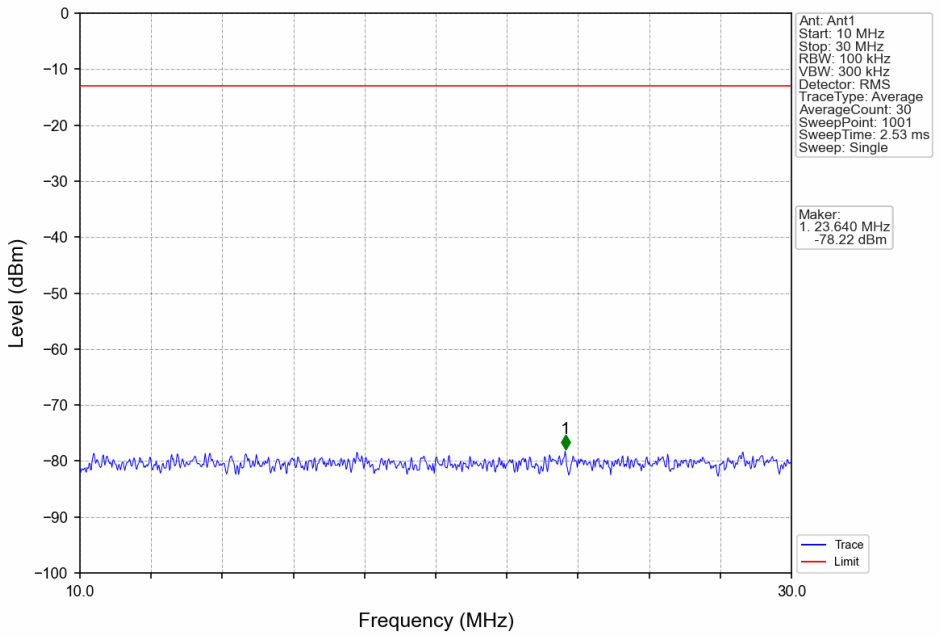
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



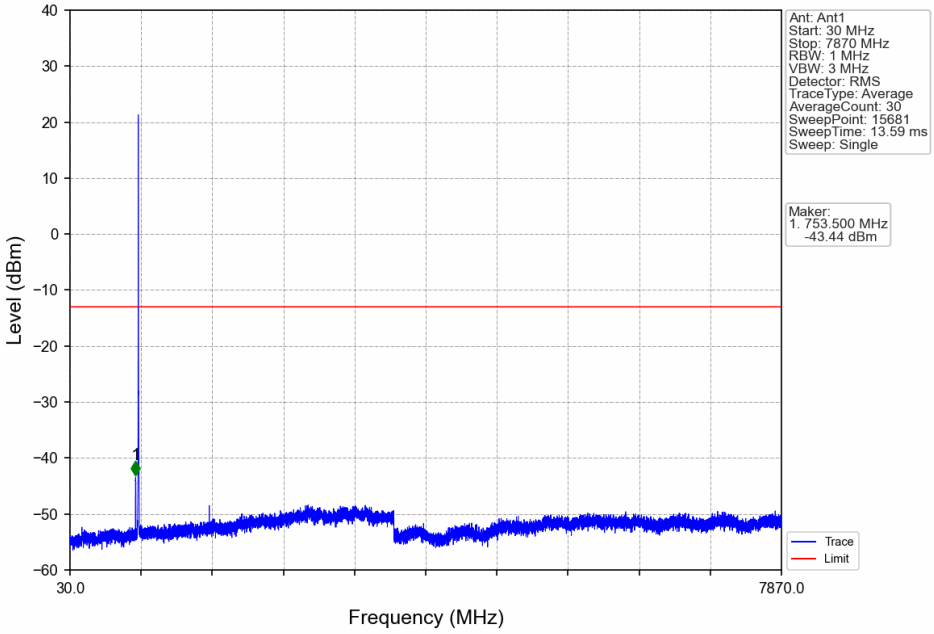
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



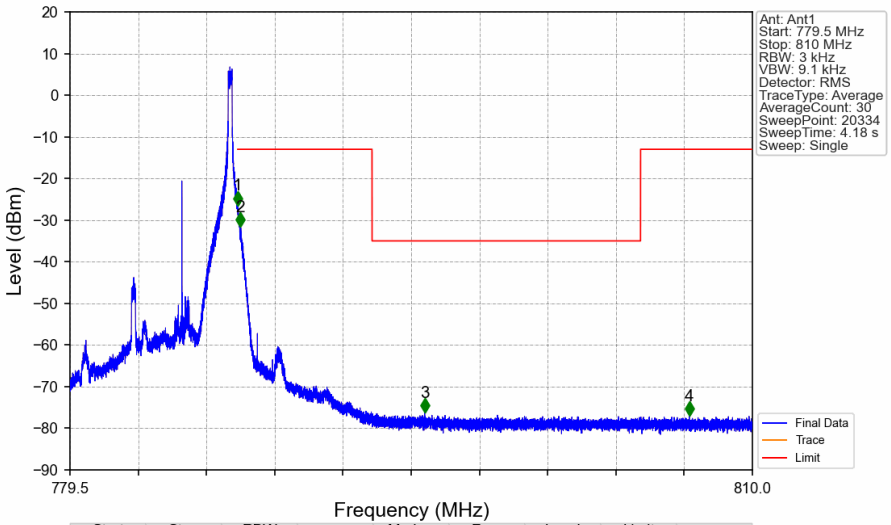
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

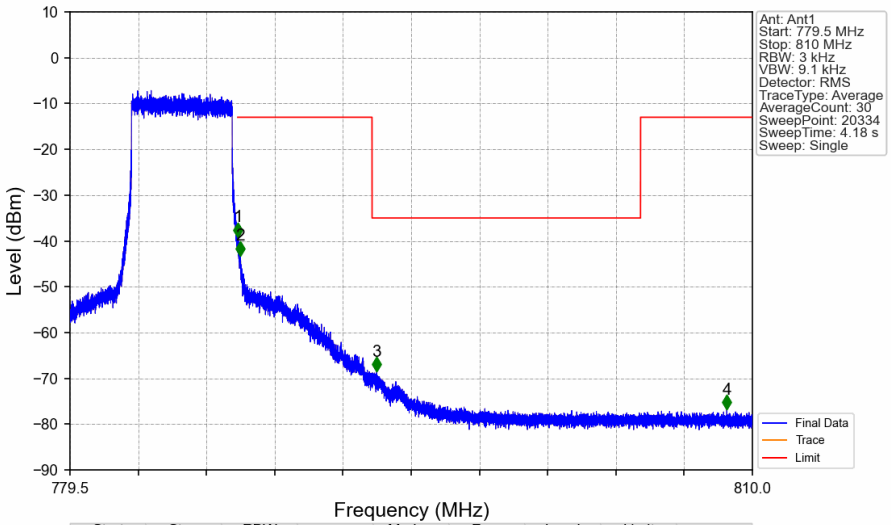


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-26.47	-13	Pass
787.1	793	0.1	/	2	787.110	-31.55	-13	Pass
793	805	0.00625	/	3	795.352	-76.18	-35	Pass
805	810	0.1	/	4	807.181	-76.97	-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	787.012	-39.14	-13	Pass
787.1	793	0.1	/	2	787.114	-43.18	-13	Pass
793	805	0.00625	/	3	793.209	-68.53	-35	Pass
805	810	0.1	/	4	808.857	-76.76	-13	Pass

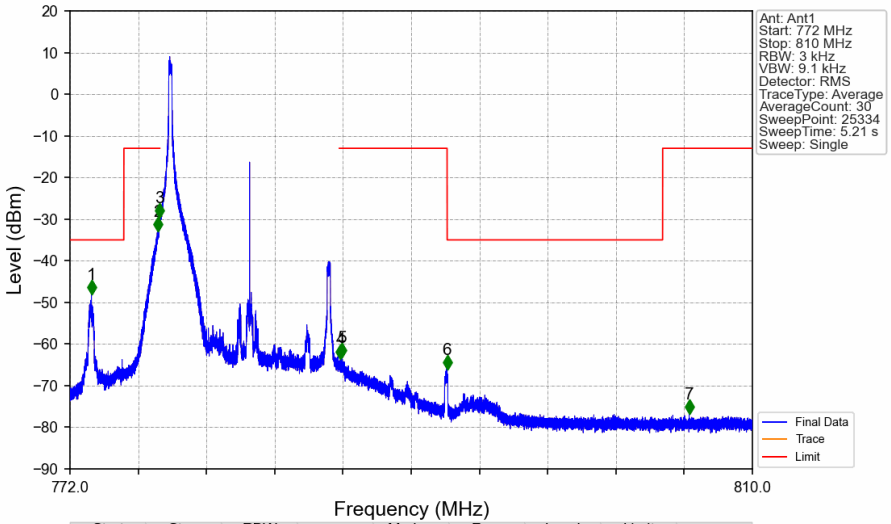
6.2 B13_10MHz

6.2.1 Test Result

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
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

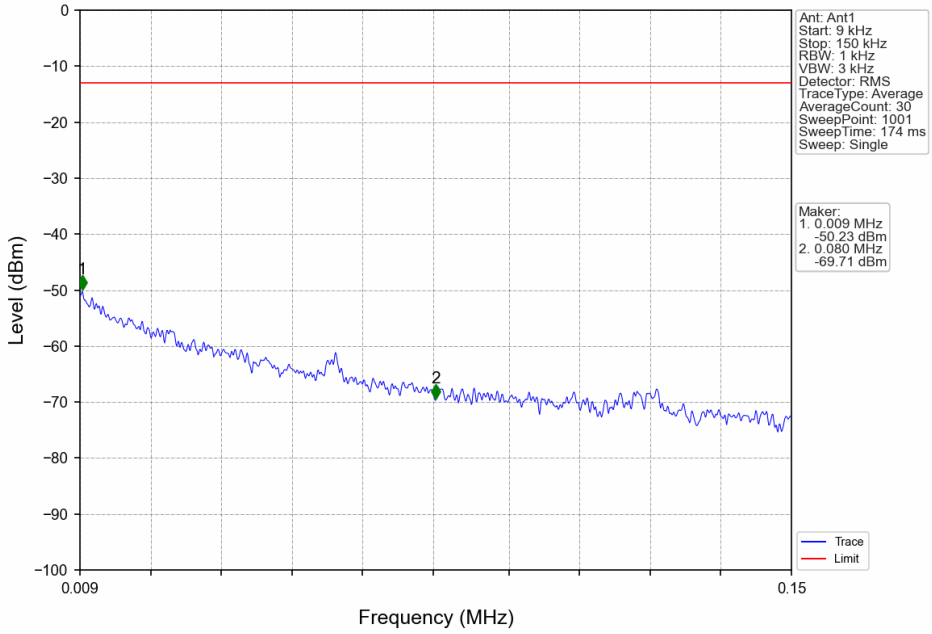
6.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

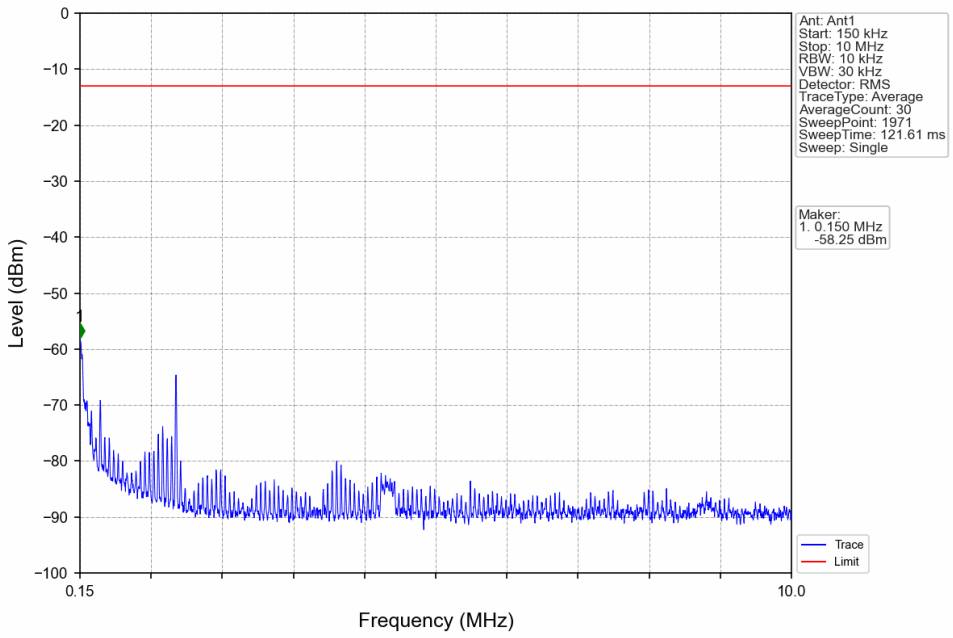


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.193	-48.11	-35	Pass
775	776.9	0.1	/	2	776.892	-32.95	-13	Pass
776.9	777	0.03	/	3	776.989	-29.68	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.063	-63.65	-13	Pass
787.1	793	0.1	/	5	787.138	-63.24	-13	Pass
793	805	0.00625	/	6	793.000	-66.12	-35	Pass
805	810	0.1	/	7	806.476	-76.79	-13	Pass

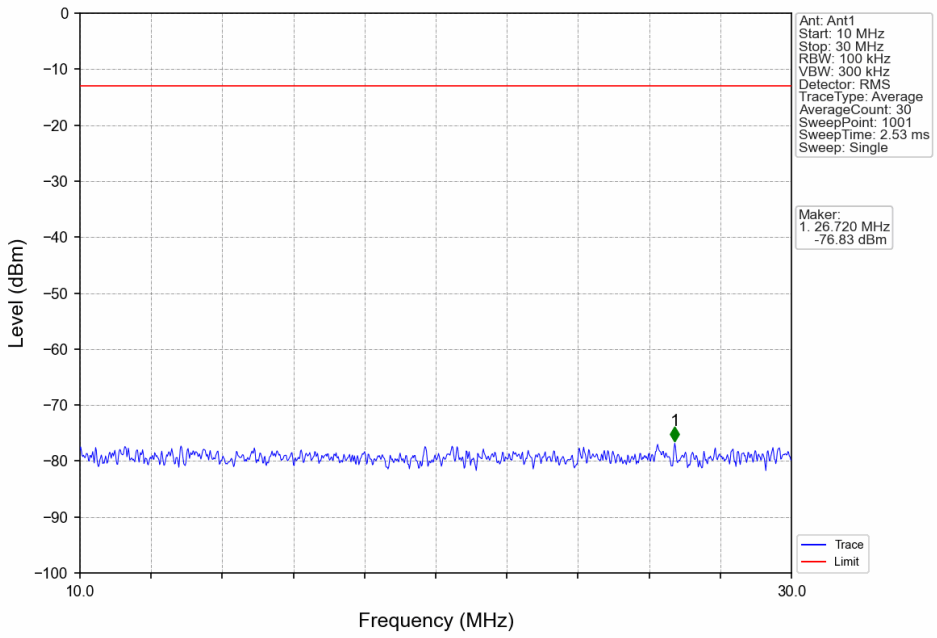
Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



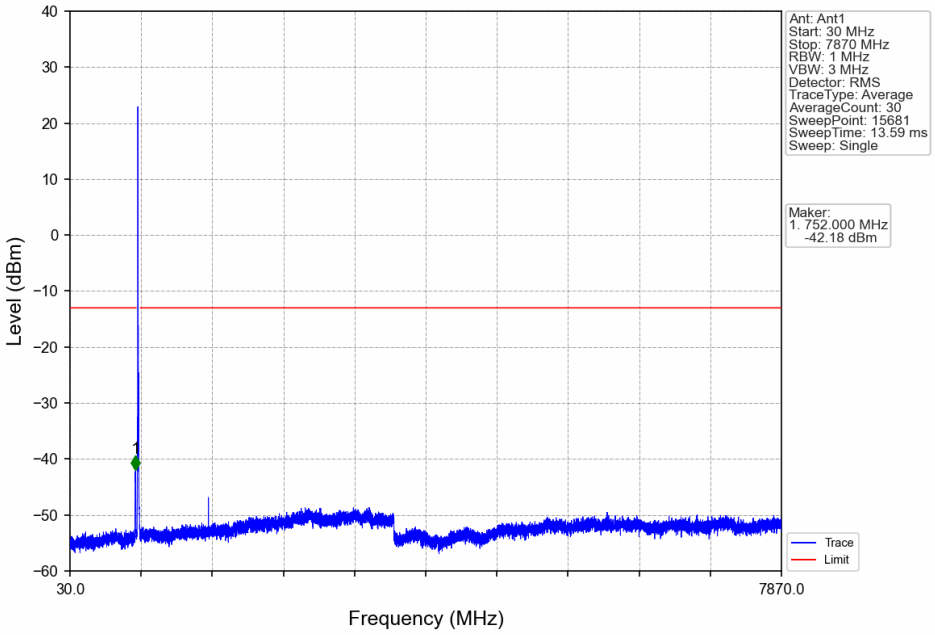
Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



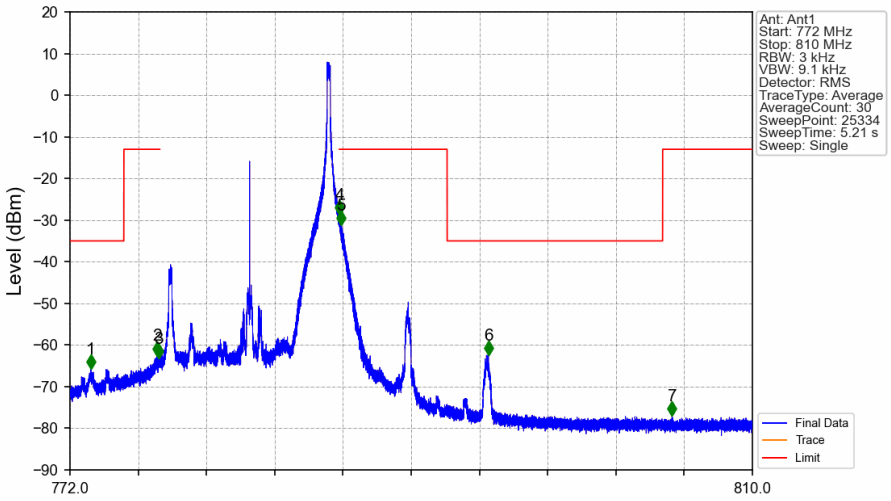
Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

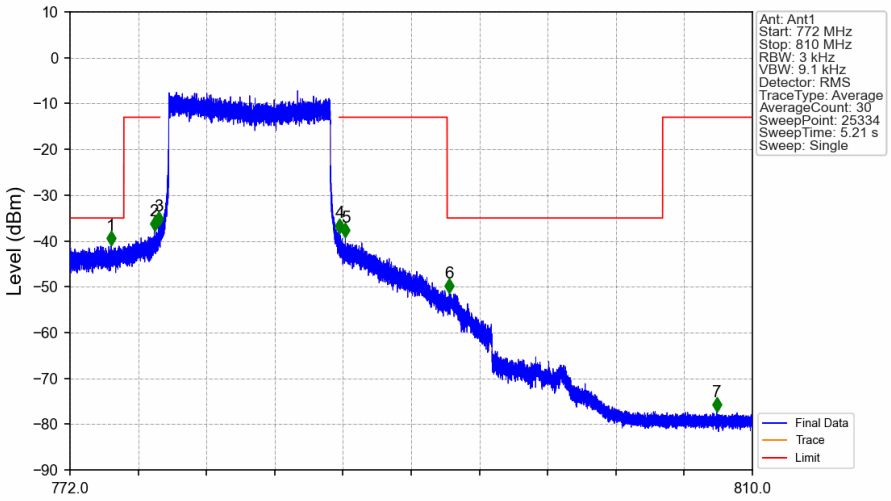


Band13_10MHz_QPSK_MCH_782MHz_RB_1_49_NTNV



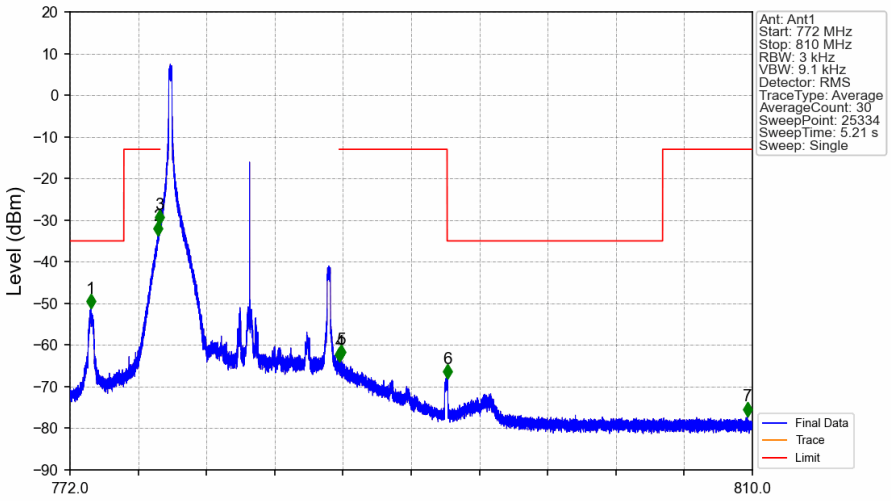
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.163	-65.82	-35	Pass
775	776.9	0.1	/	2	776.856	-62.56	-13	Pass
776.9	777	0.03	/	3	776.932	-63.20	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.014	-28.68	-13	Pass
787.1	793	0.1	/	5	787.110	-31.27	-13	Pass
793	805	0.00625	/	6	795.297	-62.39	-35	Pass
805	810	0.1	/	7	805.525	-76.98	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



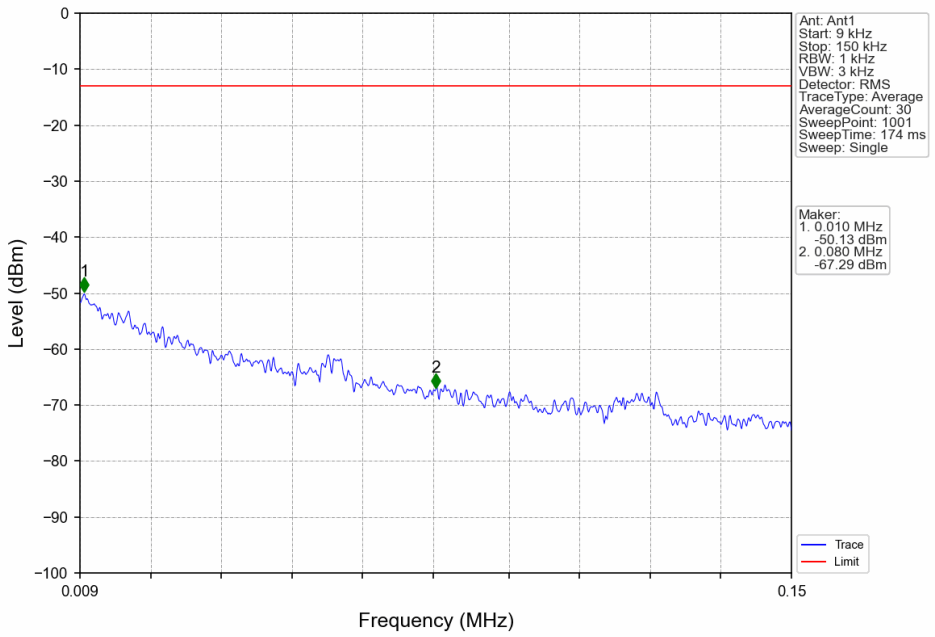
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.294	-40.97	-35	Pass
775	776.9	0.1	/	2	776.697	-37.80	-13	Pass
776.9	777	0.03	/	3	776.941	-36.72	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.017	-38.24	-13	Pass
787.1	793	0.1	/	5	787.338	-39.24	-13	Pass
793	805	0.00625	/	6	793.123	-51.40	-35	Pass
805	810	0.1	/	7	808.015	-77.38	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

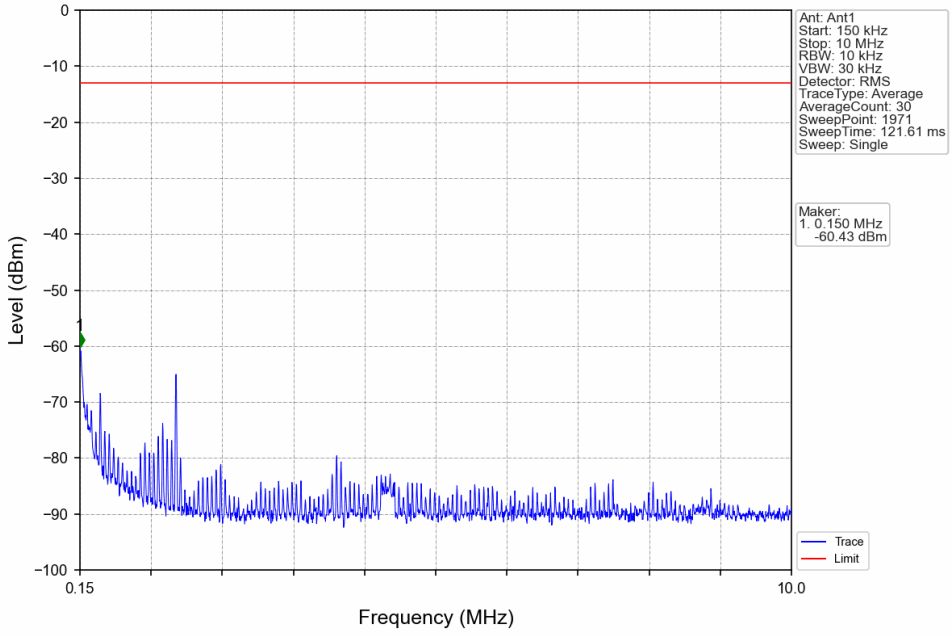


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.166	-51.23	-35	Pass
775	776.9	0.1	/	2	776.884	-33.81	-13	Pass
776.9	777	0.03	/	3	776.998	-31.02	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.012	-64.06	-13	Pass
787.1	793	0.1	/	5	787.101	-63.42	-13	Pass
793	805	0.00625	/	6	793.015	-68.14	-35	Pass
805	810	0.1	/	7	809.716	-77.11	-13	Pass

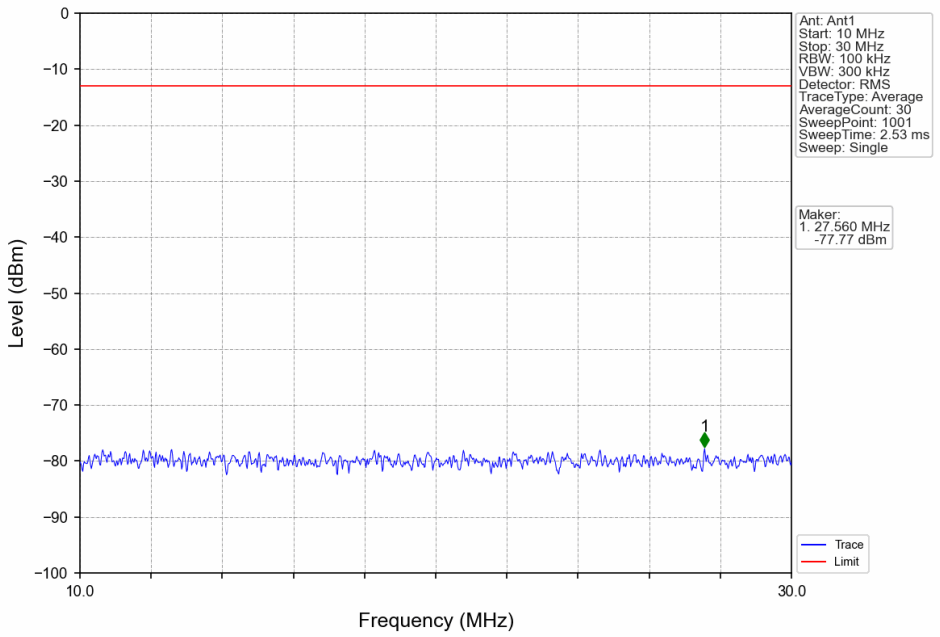
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



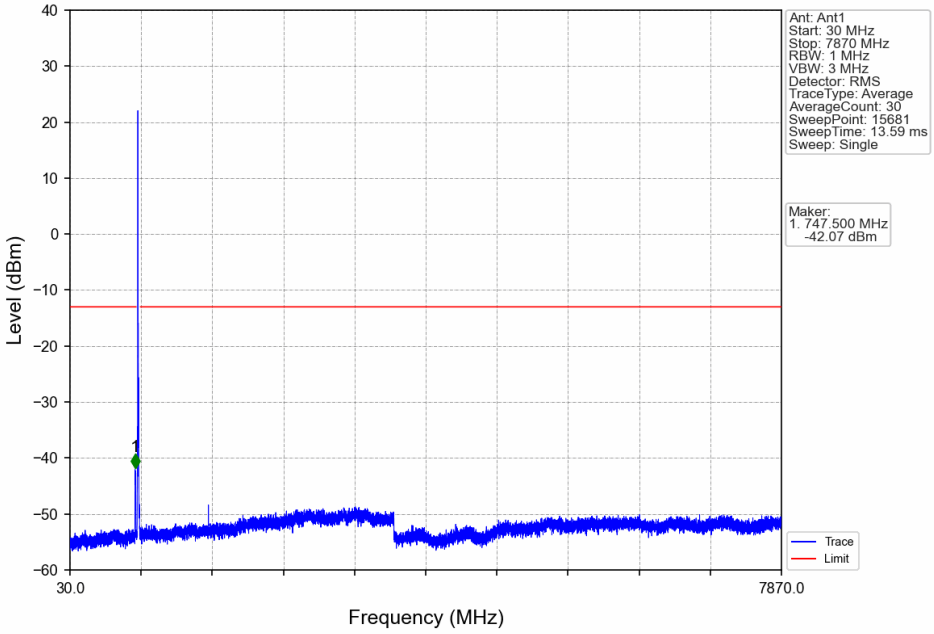
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



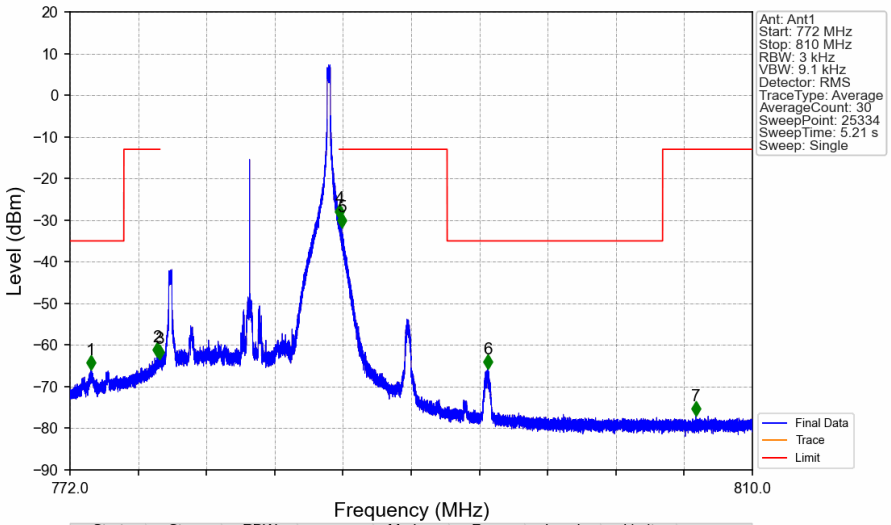
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

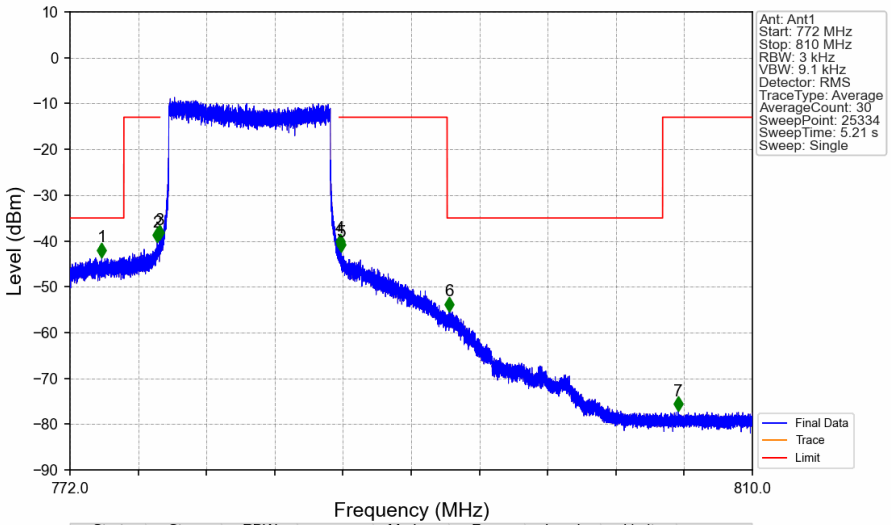


Band13_10MHz_16QAM_MCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.167	-66.01	-35	Pass
775	776.9	0.1	/	2	776.853	-62.84	-13	Pass
776.9	777	0.03	/	3	776.991	-63.33	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.015	-29.57	-13	Pass
787.1	793	0.1	/	5	787.128	-31.73	-13	Pass
793	805	0.00625	/	6	795.268	-65.73	-35	Pass
805	810	0.1	/	7	806.850	-77.09	-13	Pass

Band13_10MHz_16QAM_MCH_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	773.772	-43.55	-35	Pass
775	776.9	0.1	/	2	776.857	-40.25	-13	Pass
776.9	777	0.03	/	3	776.970	-39.70	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.042	-41.60	-13	Pass
787.1	793	0.1	/	5	787.107	-42.38	-13	Pass
793	805	0.00625	/	6	793.108	-55.35	-35	Pass
805	810	0.1	/	7	805.861	-77.13	-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	0.2042	0.0151	ppm	4M60G7D	27F	23.10
13	5	779.5	784.5	0.1683	0.0169	ppm	4M62W7D	27F	22.26
13	10	782	782	0.2089	0.0115	ppm	9M21G7D	27F	23.20
13	10	782	782	0.1667	0.0096	ppm	9M18W7D	27F	22.22

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	0.1333	0.0151	ppm	4M60G7D	27F	21.25
13	5	779.5	784.5	0.1099	0.0169	ppm	4M62W7D	27F	20.41
13	10	782	782	0.1364	0.0115	ppm	9M21G7D	27F	21.35
13	10	782	782	0.1088	0.0096	ppm	9M18W7D	27F	20.37