

Appendix - band_13

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B13_5MHz_ERP

Band: 13 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	779.5	1	0	21.44	-1.52	17.77	<=34.77	Pass
			13	21.53	-1.52	17.86	<=34.77	Pass
			24	21.58	-1.52	17.91	<=34.77	Pass
		12	0	20.51	-1.52	16.84	<=34.77	Pass
			6	20.56	-1.52	16.89	<=34.77	Pass
			13	20.59	-1.52	16.92	<=34.77	Pass
		25	0	20.65	-1.52	16.98	<=34.77	Pass
	782	1	0	21.59	-1.52	17.92	<=34.77	Pass
			13	21.59	-1.52	17.92	<=34.77	Pass
			24	21.60	-1.52	17.93	<=34.77	Pass
		12	0	20.59	-1.52	16.92	<=34.77	Pass
			6	20.59	-1.52	16.92	<=34.77	Pass
			13	20.68	-1.52	17.01	<=34.77	Pass
		25	0	20.46	-1.52	16.79	<=34.77	Pass
	784.5	1	0	21.42	-1.52	17.75	<=34.77	Pass
			13	21.59	-1.52	17.92	<=34.77	Pass
			24	21.59	-1.52	17.92	<=34.77	Pass
		12	0	20.69	-1.52	17.02	<=34.77	Pass
			6	20.66	-1.52	16.99	<=34.77	Pass
			13	20.76	-1.52	17.09	<=34.77	Pass
		25	0	20.66	-1.52	16.99	<=34.77	Pass
16QAM	779.5	1	0	21.17	-1.52	17.50	<=34.77	Pass
			13	21.15	-1.52	17.48	<=34.77	Pass
			24	21.11	-1.52	17.44	<=34.77	Pass
		12	0	19.93	-1.52	16.26	<=34.77	Pass
			6	19.94	-1.52	16.27	<=34.77	Pass
			13	19.98	-1.52	16.31	<=34.77	Pass
		25	0	19.91	-1.52	16.24	<=34.77	Pass
	782	1	0	20.23	-1.52	16.56	<=34.77	Pass
			13	20.15	-1.52	16.48	<=34.77	Pass
			24	20.32	-1.52	16.65	<=34.77	Pass
		12	0	19.83	-1.52	16.16	<=34.77	Pass
			6	19.98	-1.52	16.31	<=34.77	Pass
			13	19.61	-1.52	15.94	<=34.77	Pass
		25	0	20.06	-1.52	16.39	<=34.77	Pass
	784.5	1	0	21.00	-1.52	17.33	<=34.77	Pass
			13	21.18	-1.52	17.51	<=34.77	Pass
			24	21.27	-1.52	17.60	<=34.77	Pass
		12	0	19.72	-1.52	16.05	<=34.77	Pass
			6	19.70	-1.52	16.03	<=34.77	Pass
			13	19.72	-1.52	16.05	<=34.77	Pass
		25	0	19.77	-1.52	16.10	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B13_10MHz_ERP

Band: 13 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	21.44	-1.52	17.77	<=34.77	Pass
			25	21.54	-1.52	17.87	<=34.77	Pass
			49	21.68	-1.52	18.01	<=34.77	Pass
		25	0	20.60	-1.52	16.93	<=34.77	Pass
			13	20.69	-1.52	17.02	<=34.77	Pass
			25	20.74	-1.52	17.07	<=34.77	Pass
		50	0	20.53	-1.52	16.86	<=34.77	Pass
16QAM	782	1	0	20.79	-1.52	17.12	<=34.77	Pass
			25	20.82	-1.52	17.15	<=34.77	Pass
			49	21.01	-1.52	17.34	<=34.77	Pass
		25	0	20.18	-1.52	16.51	<=34.77	Pass
			13	20.28	-1.52	16.61	<=34.77	Pass
			25	19.91	-1.52	16.24	<=34.77	Pass
		50	0	20.16	-1.52	16.49	<=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	8.569	0.0110	-2.5 to 2.5	Pass
					3.85	-4.520	-0.0058	-2.5 to 2.5	Pass
					4.43	-21.558	-0.0277	-2.5 to 2.5	Pass
				-30	3.85	-32.058	-0.0411	-2.5 to 2.5	Pass
				-20	3.85	-41.270	-0.0529	-2.5 to 2.5	Pass
				-10	3.85	-46.949	-0.0602	-2.5 to 2.5	Pass
				0	3.85	-7.110	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-14.033	-0.0180	-2.5 to 2.5	Pass
				40	3.85	-17.266	-0.0222	-2.5 to 2.5	Pass
				50	3.85	-21.844	-0.0280	-2.5 to 2.5	Pass
	782	25	0	20	3.27	3.877	0.0050	-2.5 to 2.5	Pass
					3.85	1.731	0.0022	-2.5 to 2.5	Pass
					4.43	-2.432	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-8.497	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-8.626	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-14.749	-0.0189	-2.5 to 2.5	Pass
				10	3.85	-19.569	-0.0250	-2.5 to 2.5	Pass
				30	3.85	-19.555	-0.0250	-2.5 to 2.5	Pass
				40	3.85	-17.023	-0.0218	-2.5 to 2.5	Pass
				50	3.85	-15.464	-0.0198	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	2.260	0.0029	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0051	-2.5 to 2.5	Pass
					4.43	-8.955	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-14.033	-0.0179	-2.5 to 2.5	Pass
				-20	3.85	-15.121	-0.0193	-2.5 to 2.5	Pass
				-10	3.85	-20.385	-0.0260	-2.5 to 2.5	Pass
				0	3.85	-19.655	-0.0251	-2.5 to 2.5	Pass

16QAM				10	3.85	-20.714	-0.0264	-2.5 to 2.5	Pass
				30	3.85	-23.375	-0.0298	-2.5 to 2.5	Pass
				40	3.85	-26.908	-0.0343	-2.5 to 2.5	Pass
				50	3.85	-30.971	-0.0395	-2.5 to 2.5	Pass
	779.5	25	0	20	3.27	-21.987	-0.0282	-2.5 to 2.5	Pass
					3.85	-19.097	-0.0245	-2.5 to 2.5	Pass
					4.43	-17.924	-0.0230	-2.5 to 2.5	Pass
				-30	3.85	-15.492	-0.0199	-2.5 to 2.5	Pass
				-20	3.85	-10.972	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-10.285	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-12.102	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-14.677	-0.0188	-2.5 to 2.5	Pass
				30	3.85	-11.544	-0.0148	-2.5 to 2.5	Pass
				40	3.85	-9.785	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-7.896	-0.0101	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-18.897	-0.0242	-2.5 to 2.5	Pass
					3.85	-20.041	-0.0256	-2.5 to 2.5	Pass
					4.43	-17.796	-0.0228	-2.5 to 2.5	Pass
				-30	3.85	-12.202	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	-9.198	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-10.800	-0.0138	-2.5 to 2.5	Pass
				0	3.85	-9.141	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-6.452	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-8.211	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-7.811	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-3.877	-0.0050	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-33.503	-0.0427	-2.5 to 2.5	Pass
					3.85	-30.899	-0.0394	-2.5 to 2.5	Pass
					4.43	-25.563	-0.0326	-2.5 to 2.5	Pass
				-30	3.85	-24.347	-0.0310	-2.5 to 2.5	Pass
				-20	3.85	-20.943	-0.0267	-2.5 to 2.5	Pass
				-10	3.85	-17.767	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-16.465	-0.0210	-2.5 to 2.5	Pass
				10	3.85	-15.292	-0.0195	-2.5 to 2.5	Pass
				30	3.85	-14.577	-0.0186	-2.5 to 2.5	Pass
				40	3.85	-12.031	-0.0153	-2.5 to 2.5	Pass
				50	3.85	-13.103	-0.0167	-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	-28.524	-0.0365	-2.5 to 2.5	Pass
					3.85	-33.288	-0.0426	-2.5 to 2.5	Pass
					4.43	-45.104	-0.0577	-2.5 to 2.5	Pass
				-30	3.85	-29.597	-0.0378	-2.5 to 2.5	Pass
				-20	3.85	-13.962	-0.0179	-2.5 to 2.5	Pass
				-10	3.85	-7.567	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-34.432	-0.0440	-2.5 to 2.5	Pass
				10	3.85	-29.984	-0.0383	-2.5 to 2.5	Pass
				30	3.85	-29.926	-0.0383	-2.5 to 2.5	Pass
				40	3.85	-24.977	-0.0319	-2.5 to 2.5	Pass
				50	3.85	-42.415	-0.0542	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-25.191	-0.0322	-2.5 to 2.5	Pass
					3.85	-16.994	-0.0217	-2.5 to 2.5	Pass
					4.43	-16.837	-0.0215	-2.5 to 2.5	Pass
				-30	3.85	-32.730	-0.0419	-2.5 to 2.5	Pass

				-20	3.85	-2.246	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-27.781	-0.0355	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-16.451	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-35.391	-0.0453	-2.5 to 2.5	Pass
				40	3.85	-47.264	-0.0604	-2.5 to 2.5	Pass
				50	3.85	-4.735	-0.0061	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

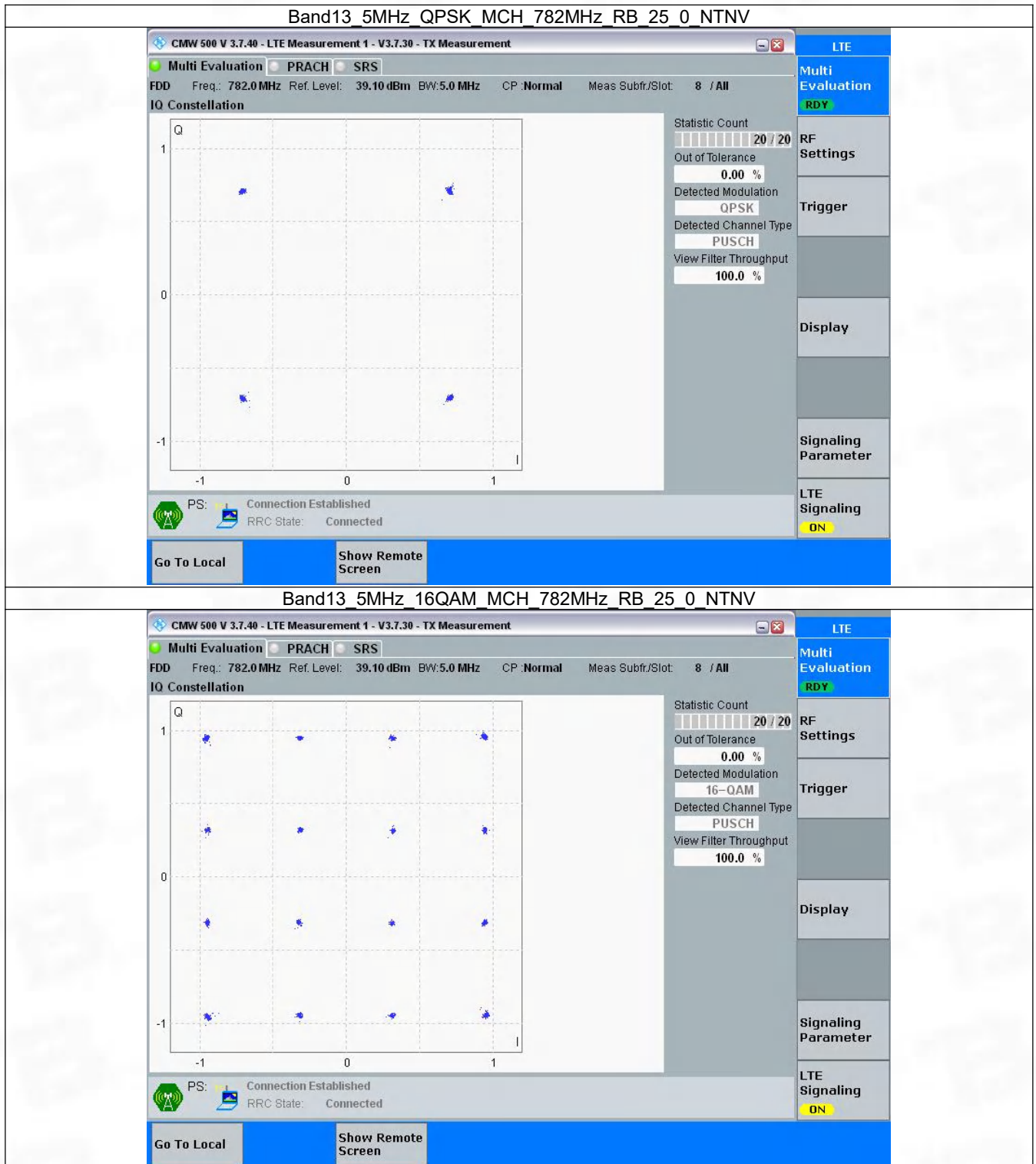
Band: 13 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

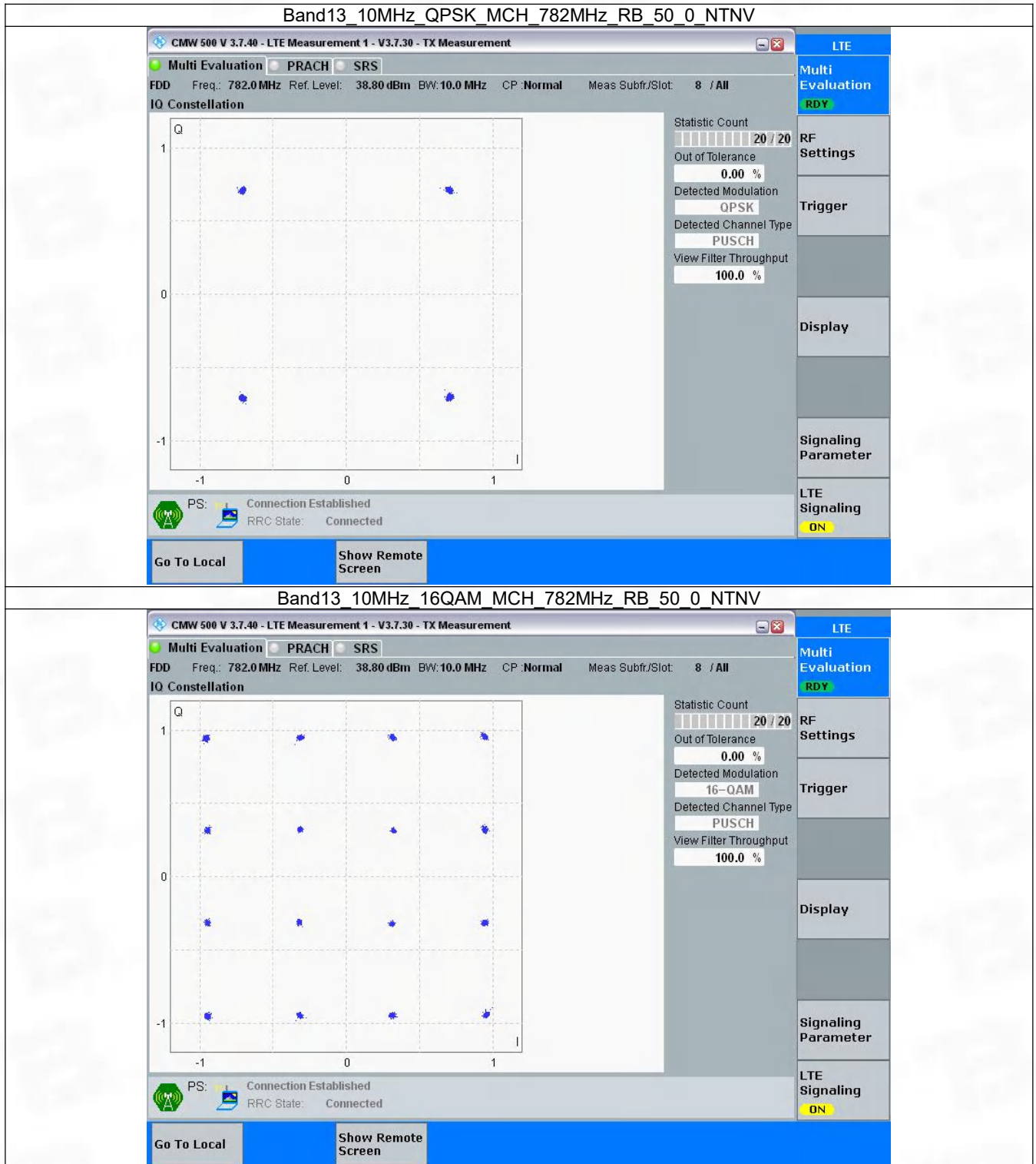
Band: 13 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B13_5MHz



3.2.2 B13_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band13_OBW

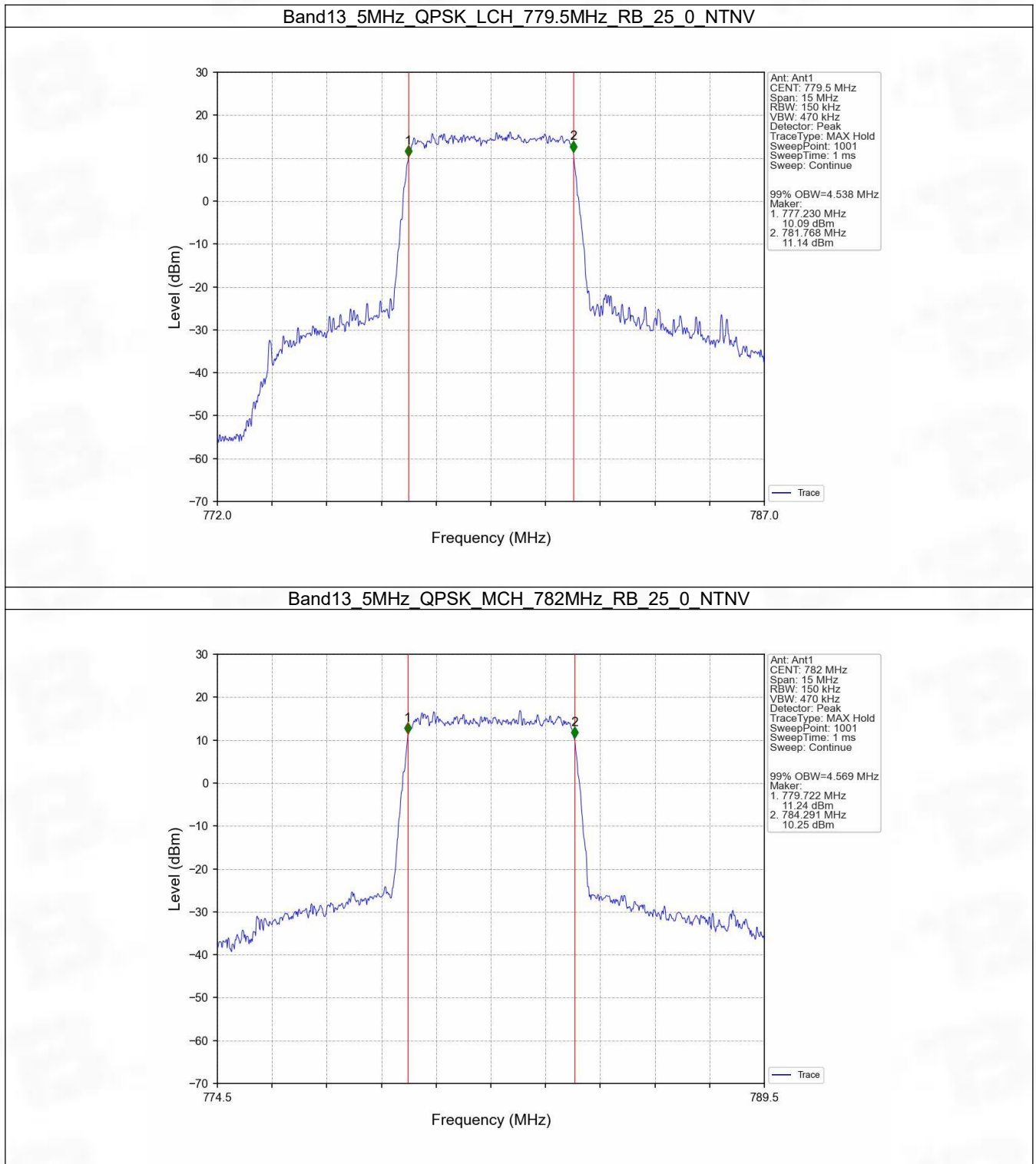
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.538	/	Pass
		782	25	0	4.569	/	Pass
		784.5	25	0	4.550	/	Pass
	16QAM	779.5	25	0	4.568	/	Pass
		782	25	0	4.568	/	Pass
		784.5	25	0	4.557	/	Pass
10	QPSK	782	50	0	9.065	/	Pass
	16QAM	782	50	0	9.028	/	Pass

4.1.2 Band13_XDB

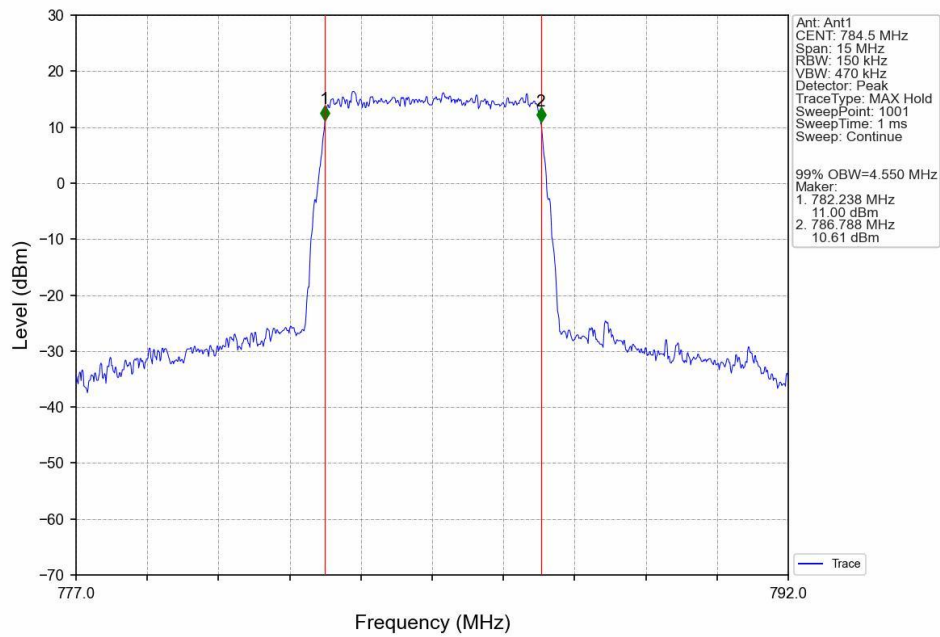
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.045	/	Pass
		782	25	0	5.048	/	Pass
		784.5	25	0	5.067	/	Pass
	16QAM	779.5	25	0	5.074	/	Pass
		782	25	0	5.073	/	Pass
		784.5	25	0	5.077	/	Pass
10	QPSK	782	50	0	10.040	/	Pass
	16QAM	782	50	0	10.039	/	Pass

4.2 Test Graph

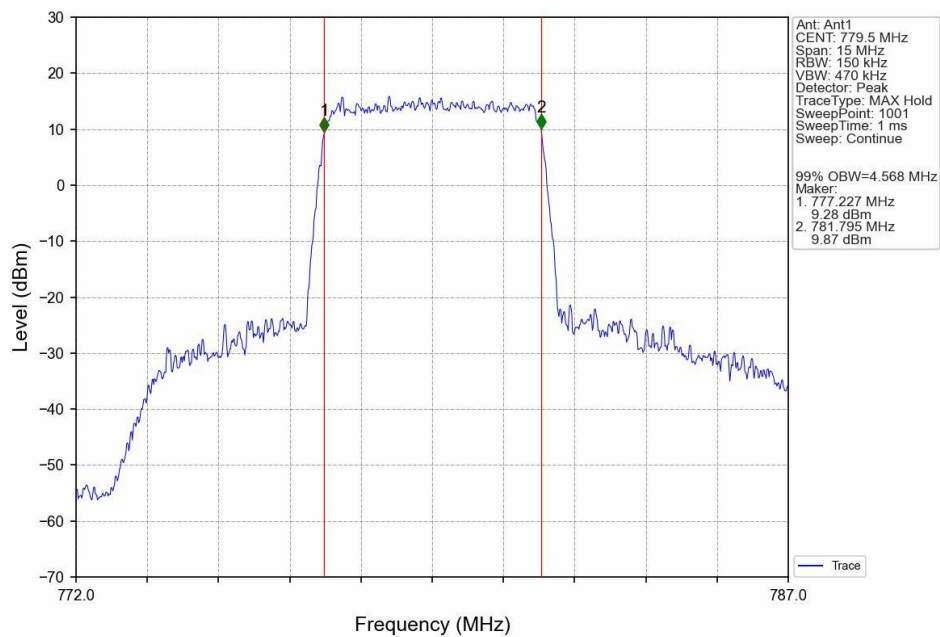
4.2.1 Band13_OBW



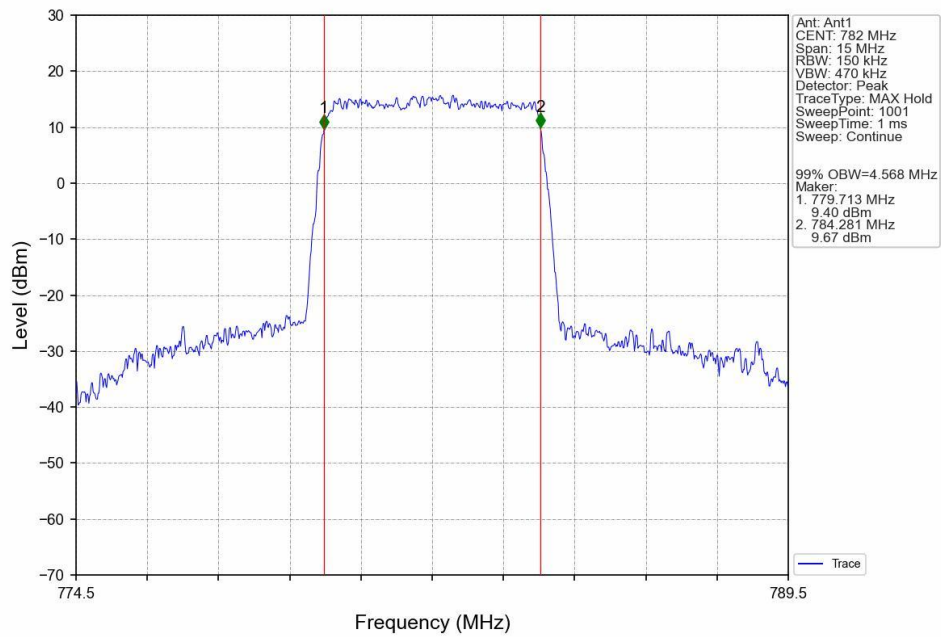
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



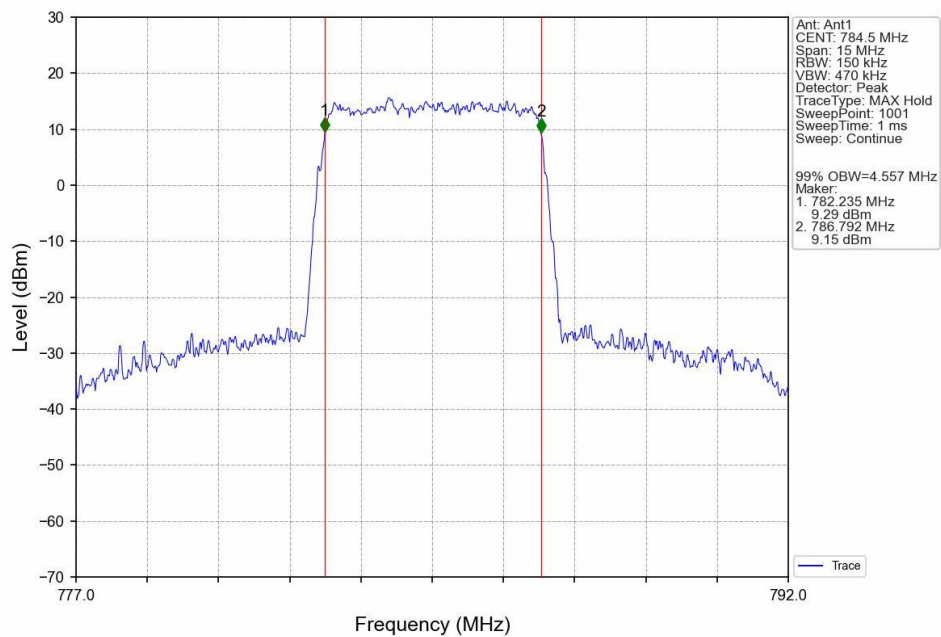
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



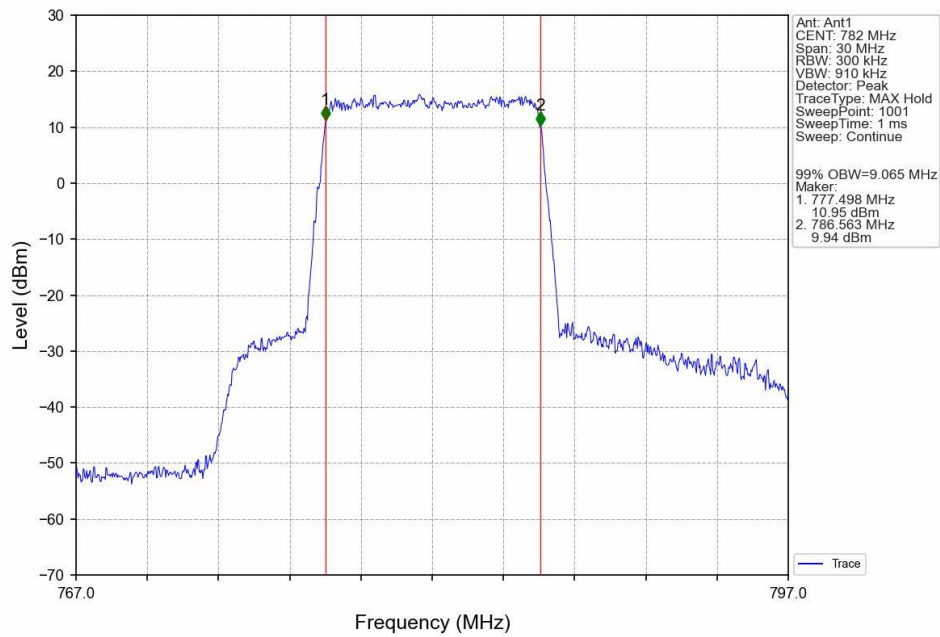
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



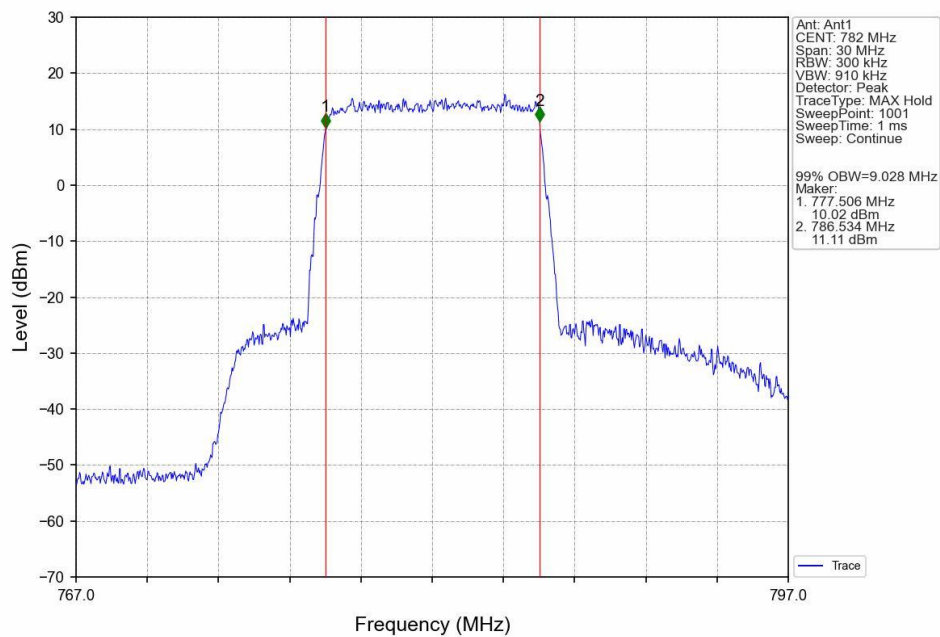
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



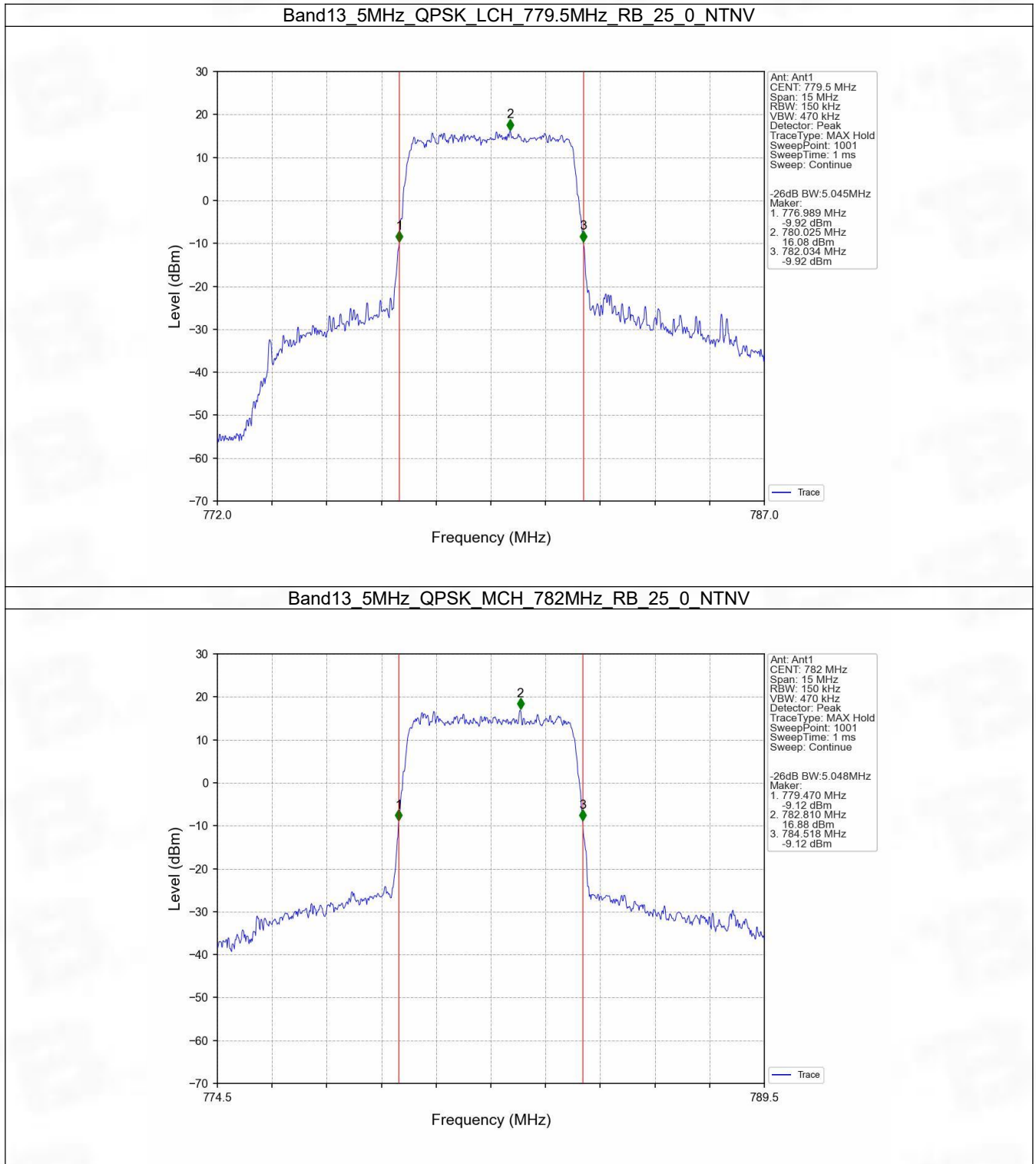
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



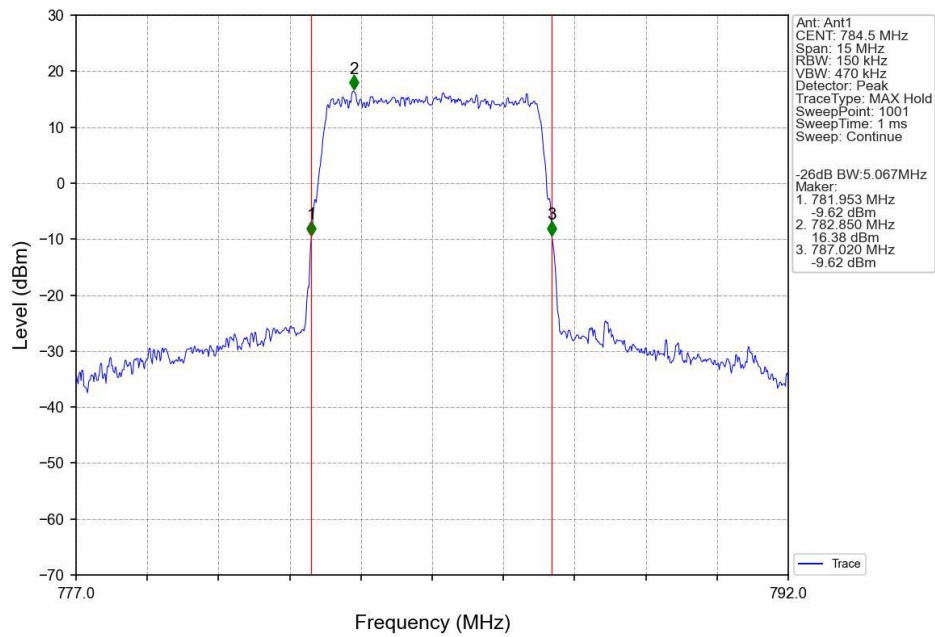
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



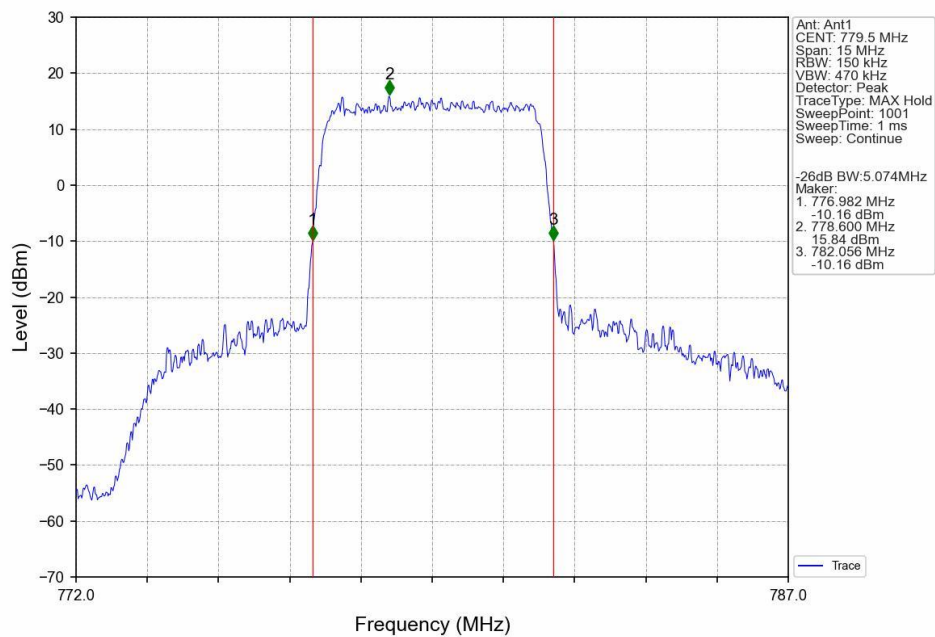
4.2.2 Band13_XDB



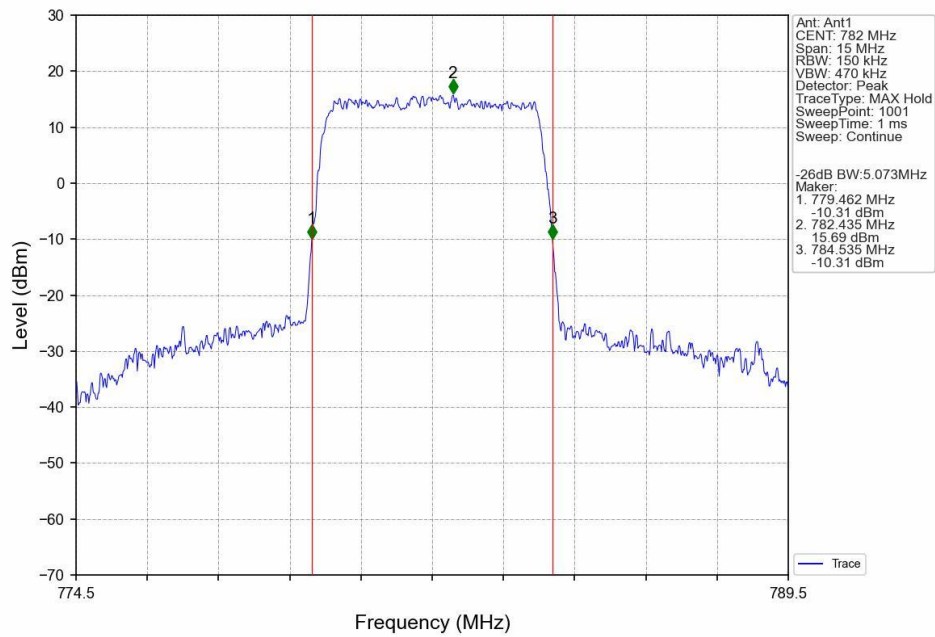
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



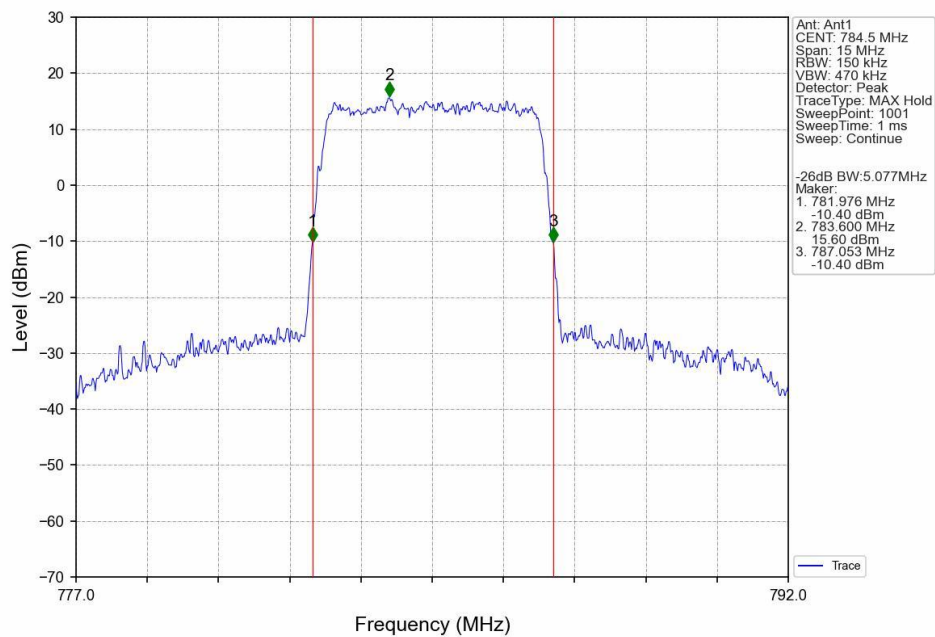
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



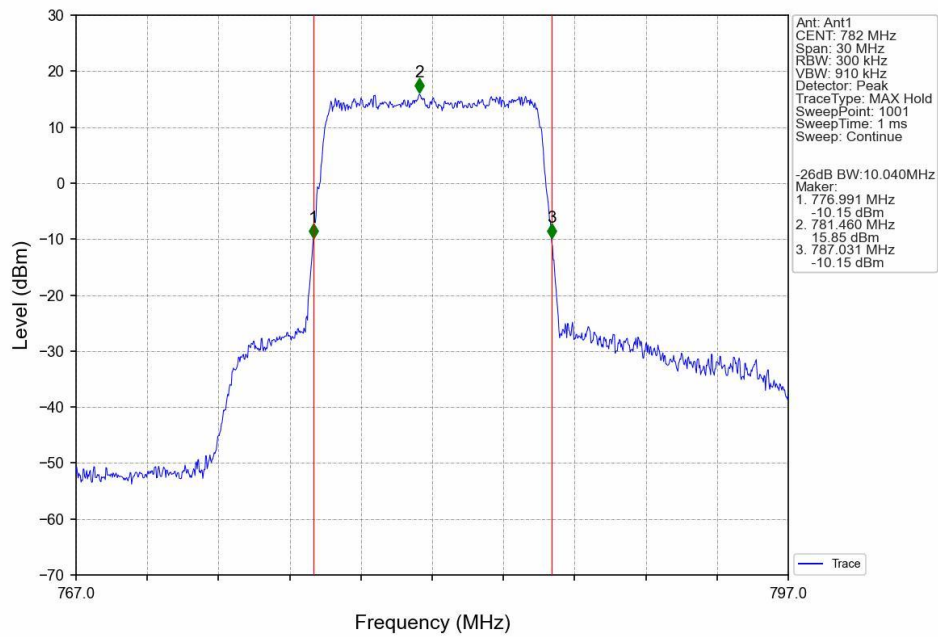
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



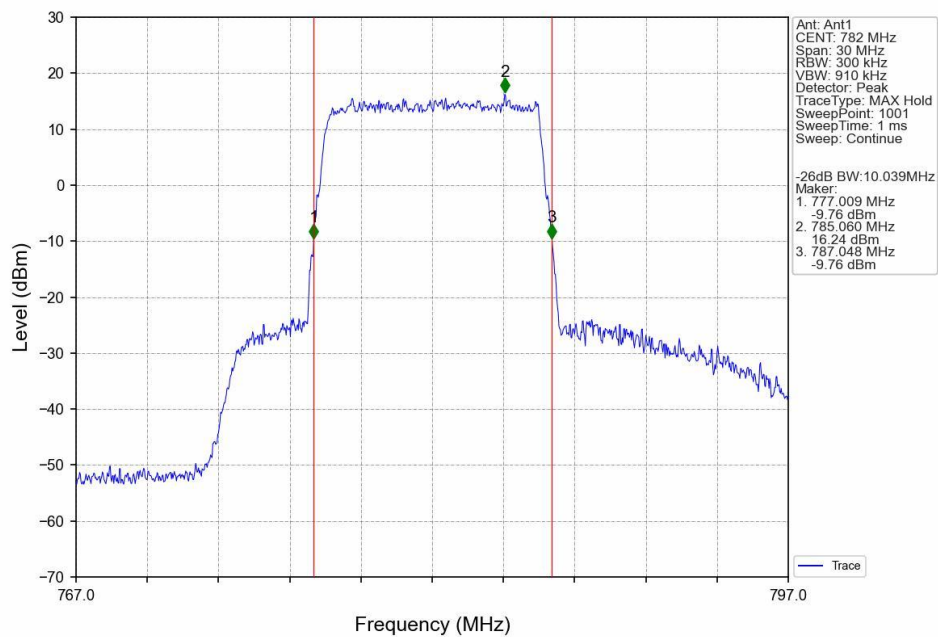
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

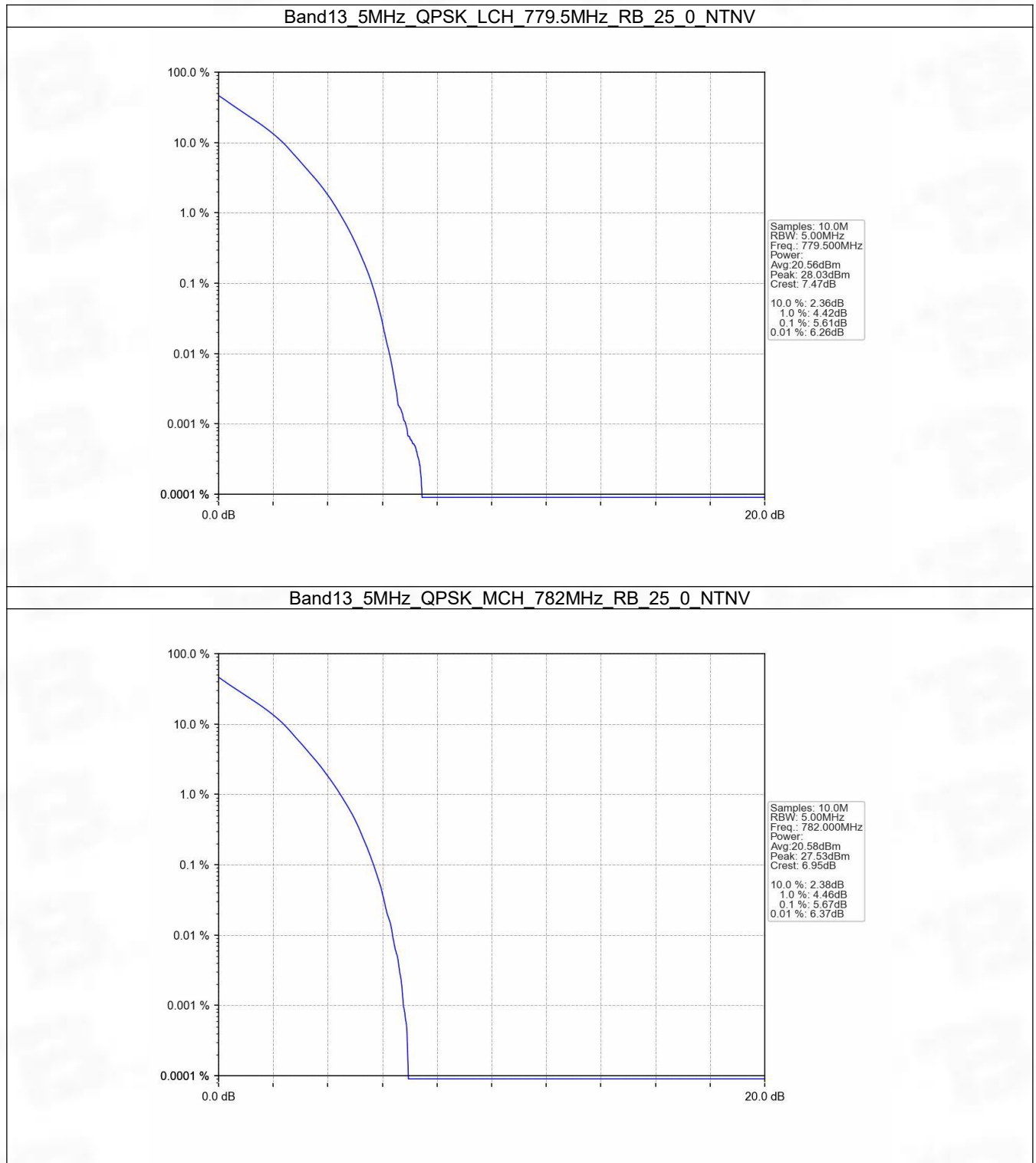
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.61	≤ 13	Pass
	782	25	0	5.67	≤ 13	Pass
	784.5	25	0	5.57	≤ 13	Pass
16QAM	779.5	25	0	6.28	≤ 13	Pass
	782	25	0	6.30	≤ 13	Pass
	784.5	25	0	6.39	≤ 13	Pass

5.1.2 B13_10MHz

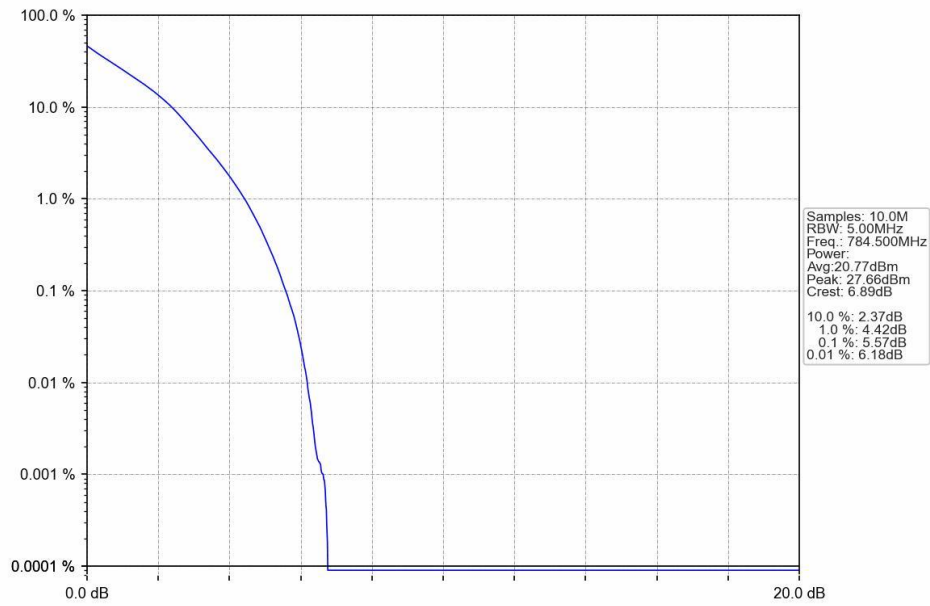
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.65	≤ 13	Pass
16QAM	782	50	0	6.37	≤ 13	Pass

5.2 Test Graph

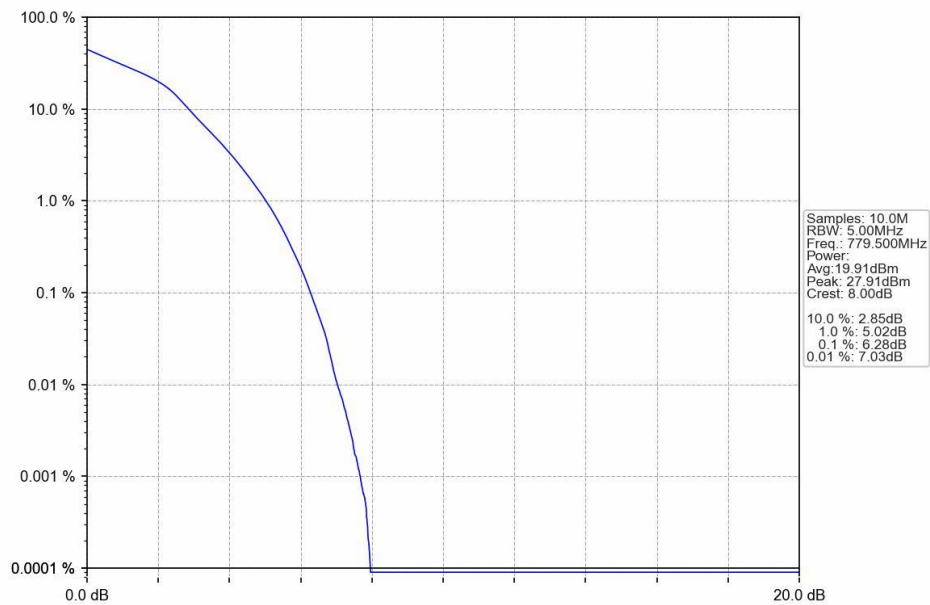
5.2.1 B13_5MHz



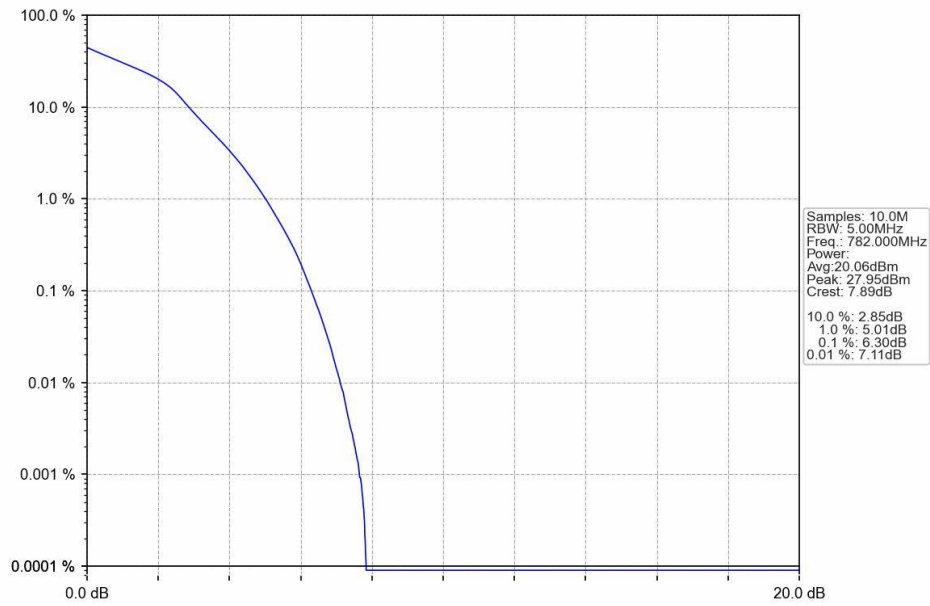
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



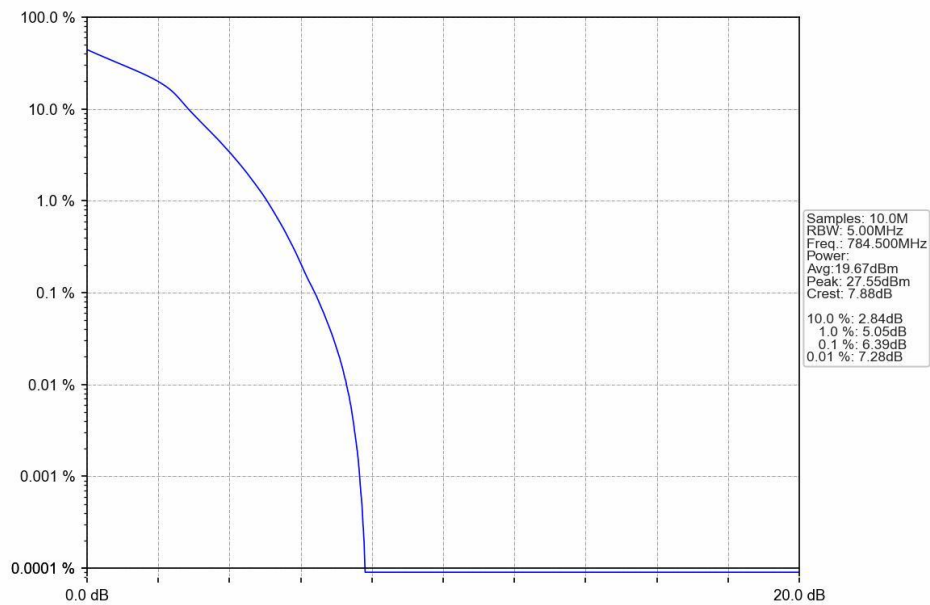
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



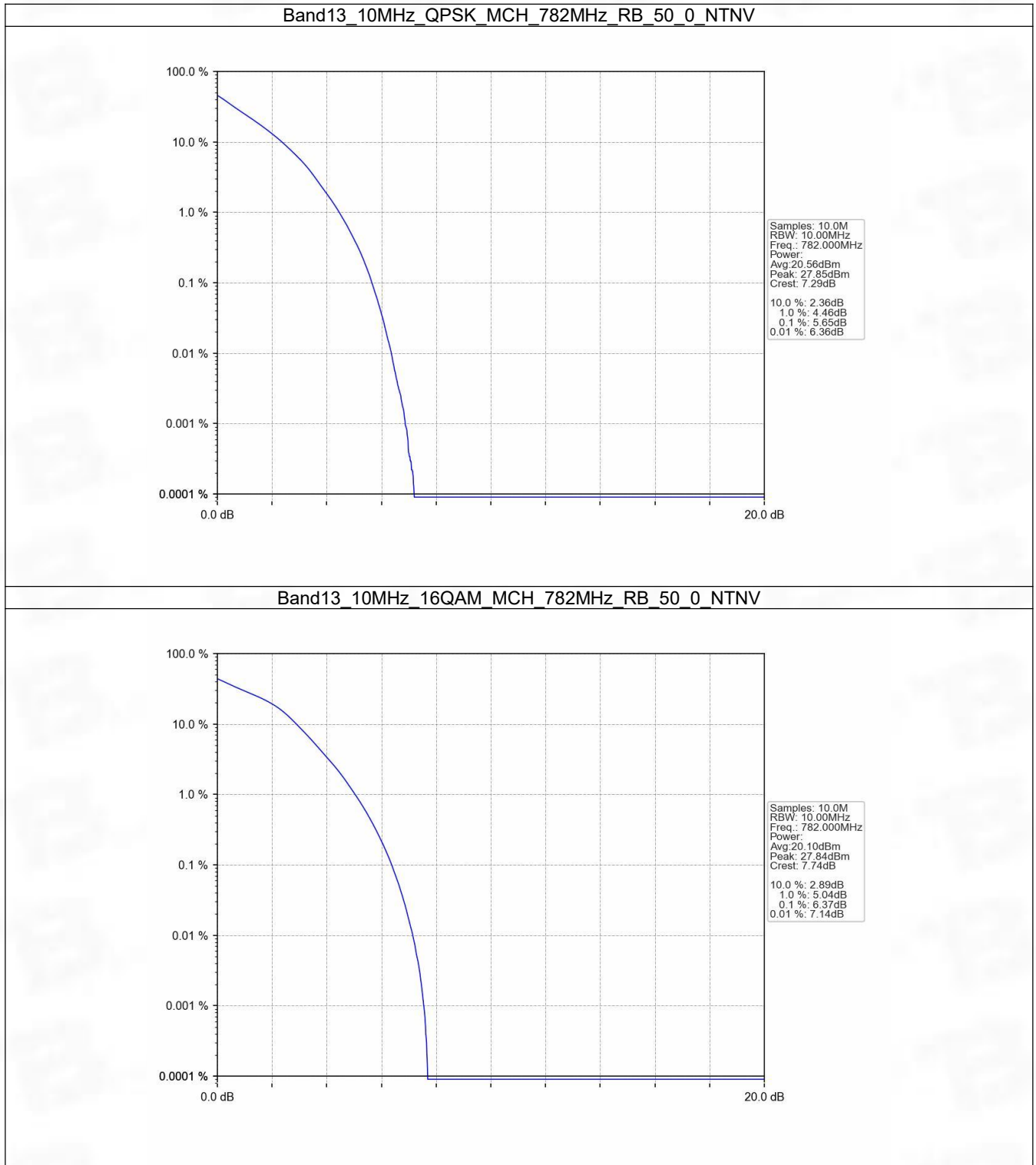
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



5.2.2 B13_10MHz



6. Spurious Emission

6.1 Test Result

6.1.1 B13_5MHz

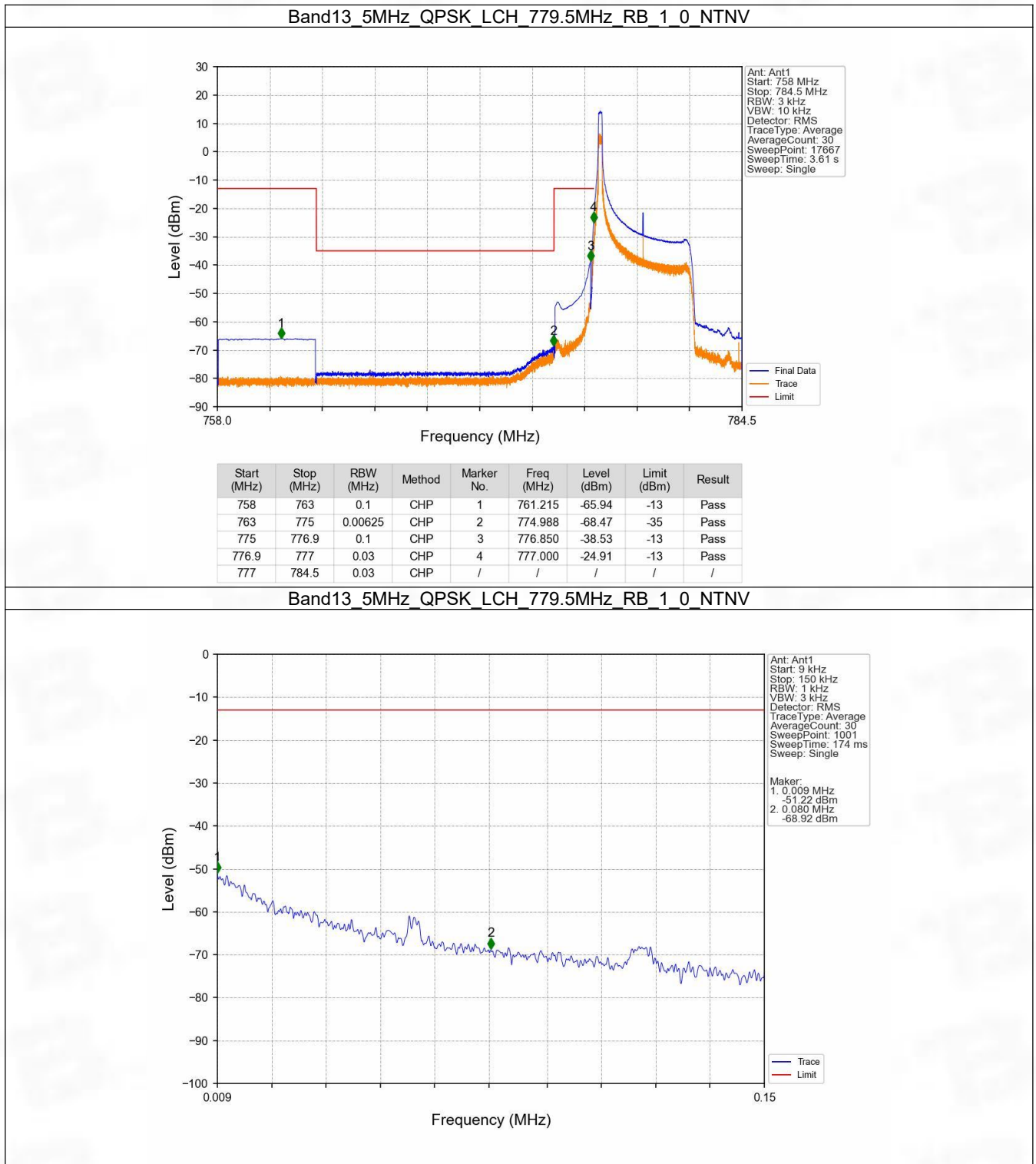
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test 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

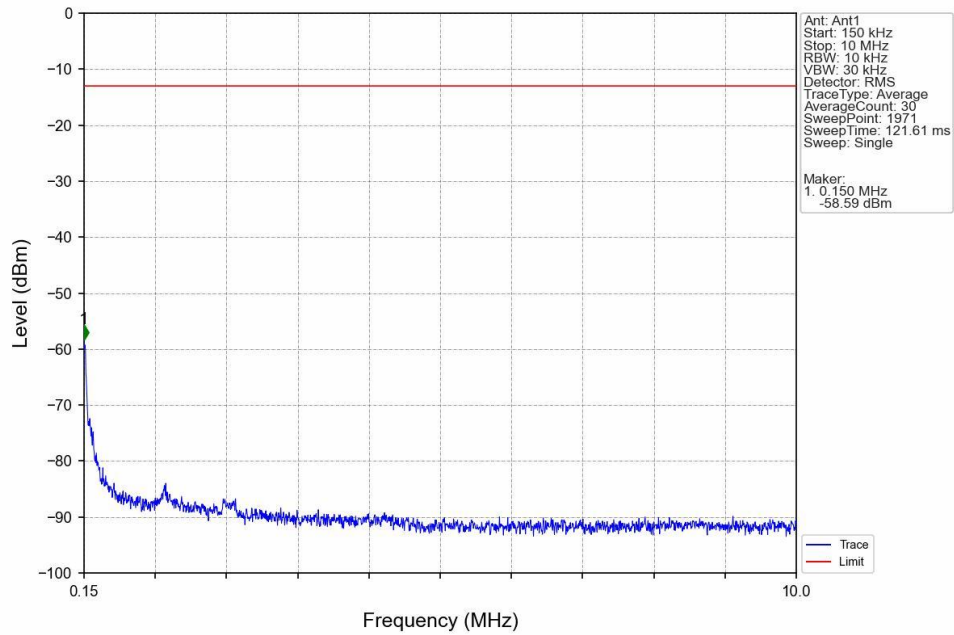
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

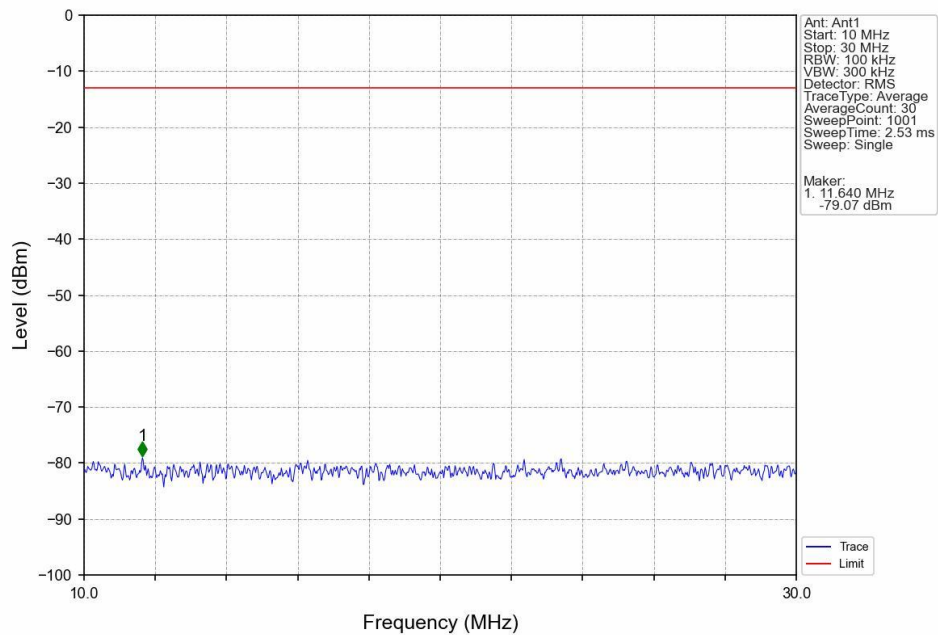
6.2.1 B13_5MHz



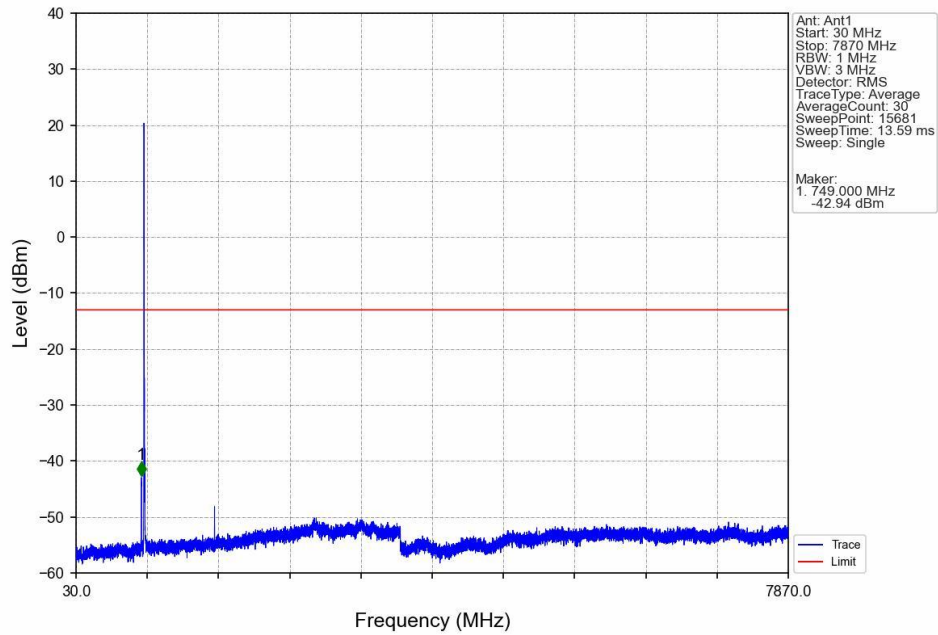
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



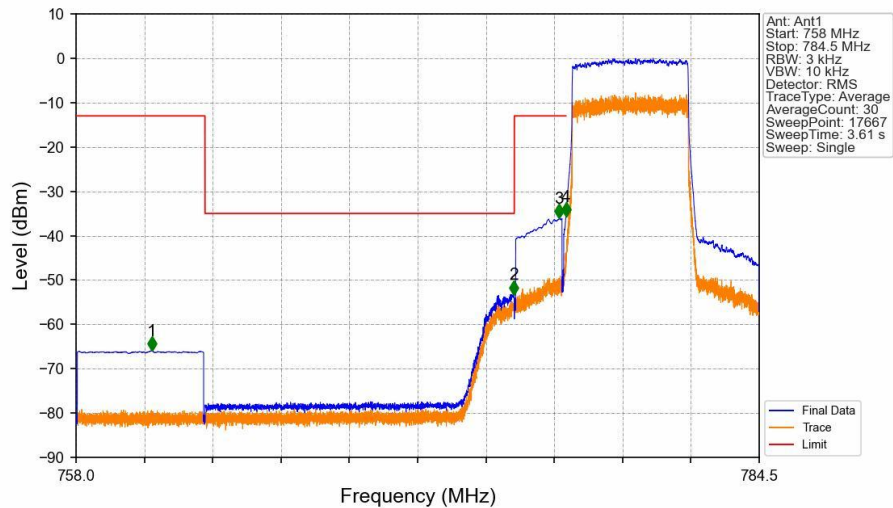
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

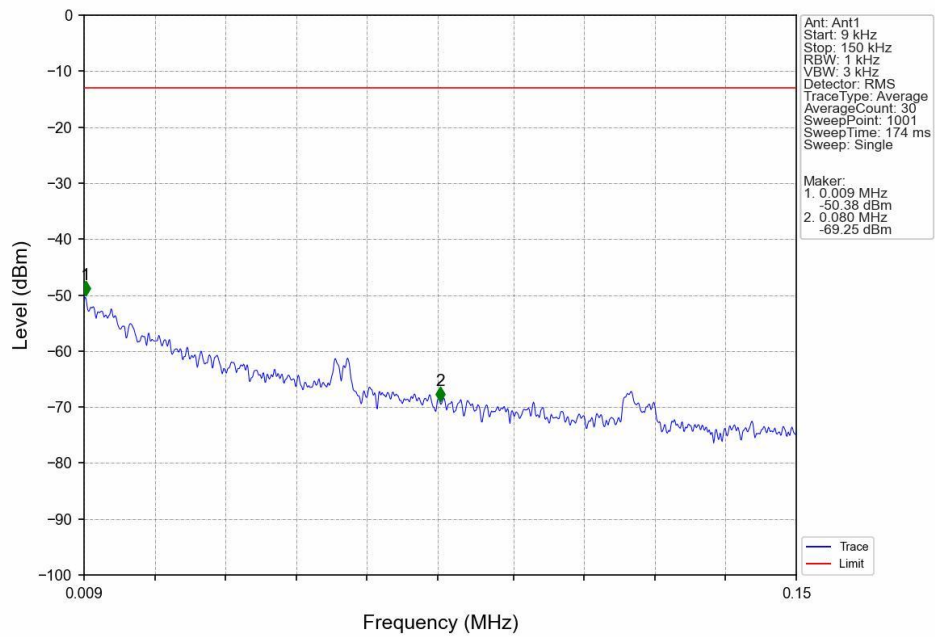


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

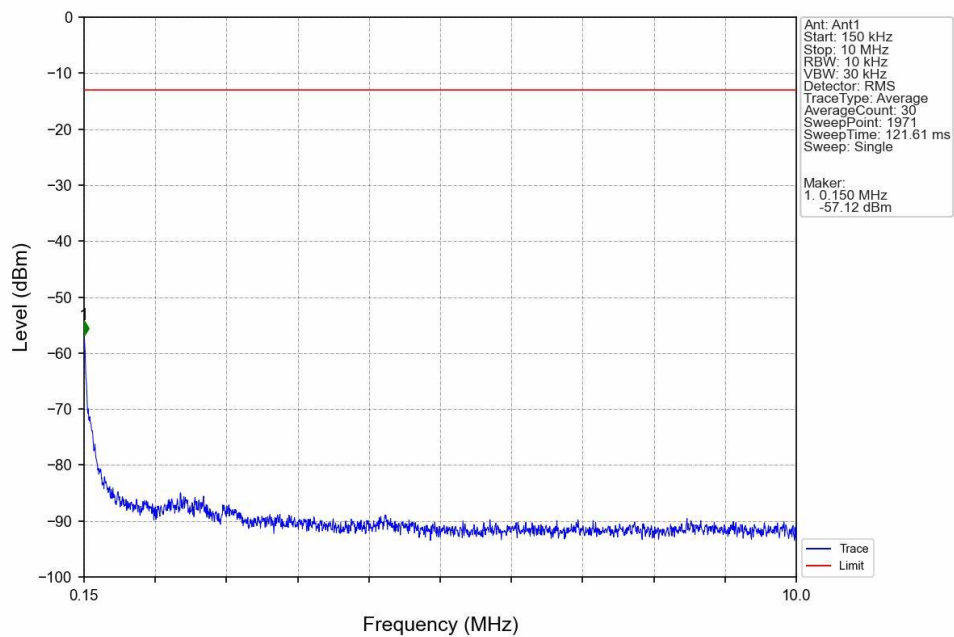


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.930	-65.93	-13	Pass
763	775	0.00625	CHP	2	774.972	-53.24	-35	Pass
775	776.9	0.1	CHP	3	776.746	-36.10	-13	Pass
776.9	777	0.03	CHP	4	777.000	-35.69	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

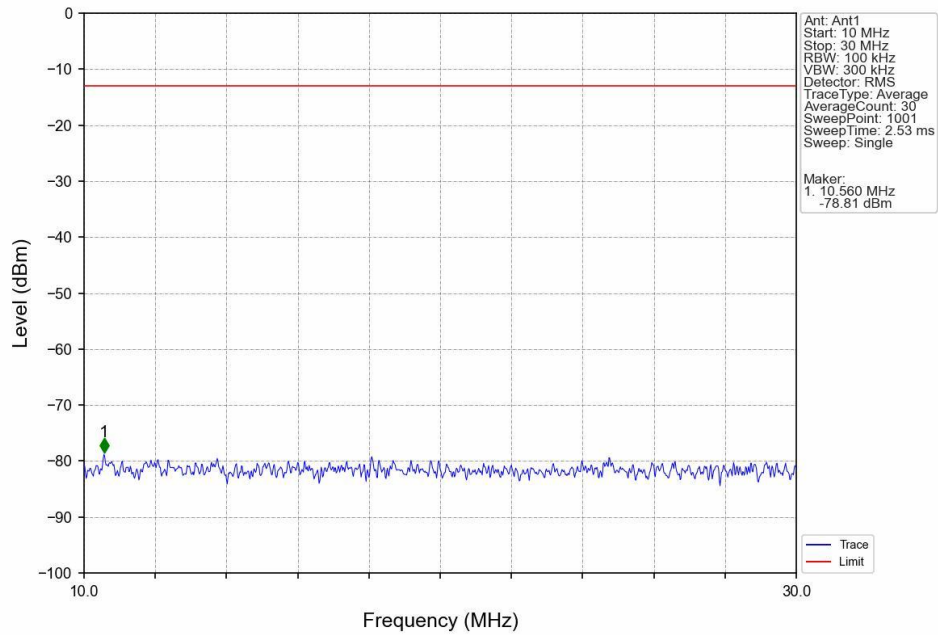
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



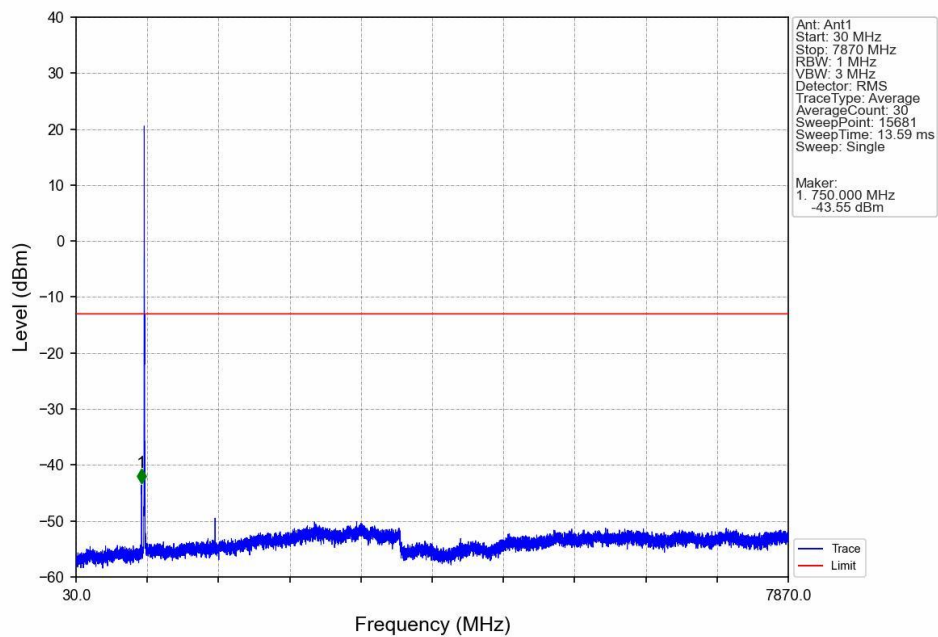
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



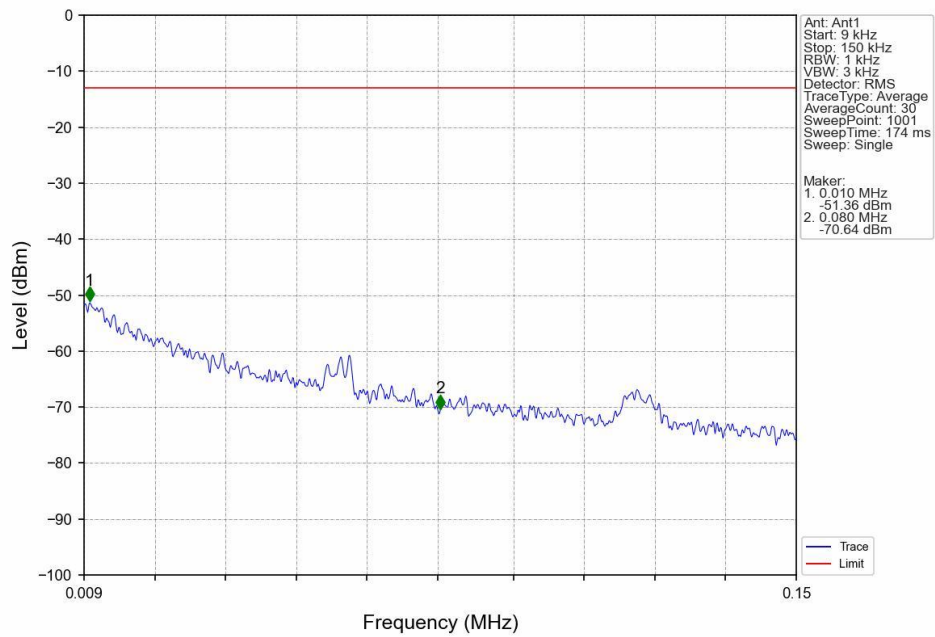
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



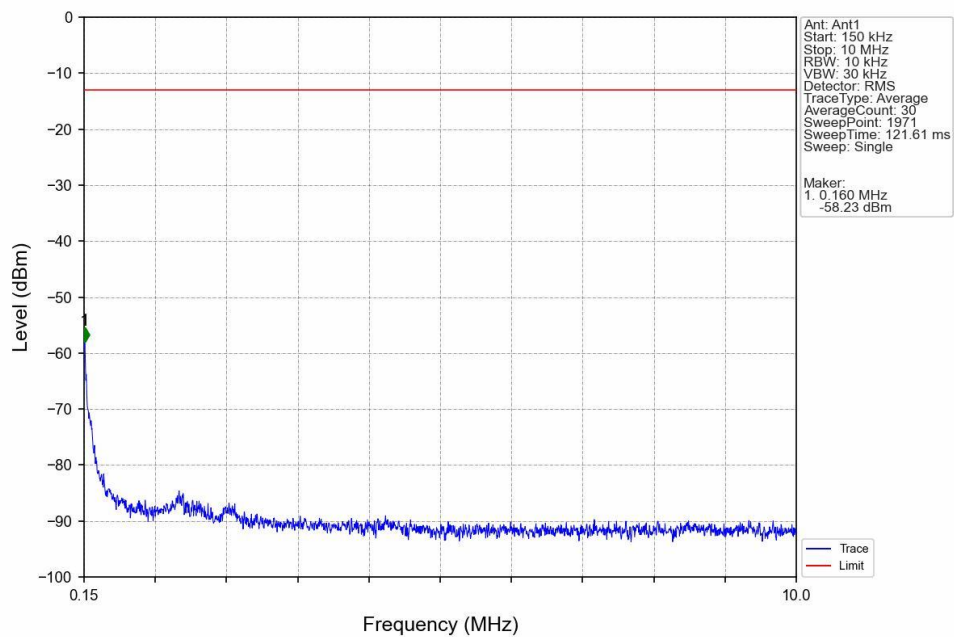
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



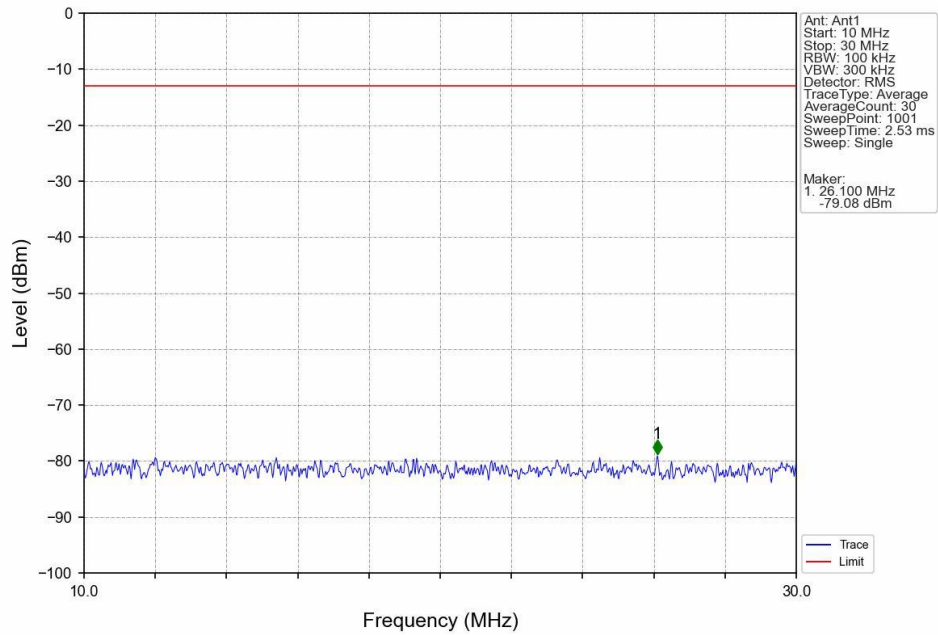
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



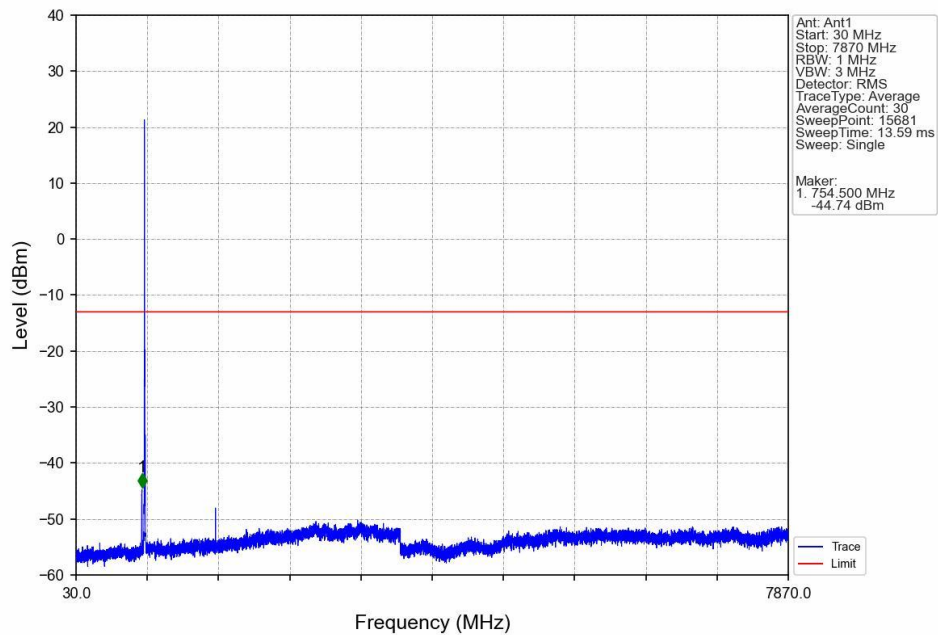
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



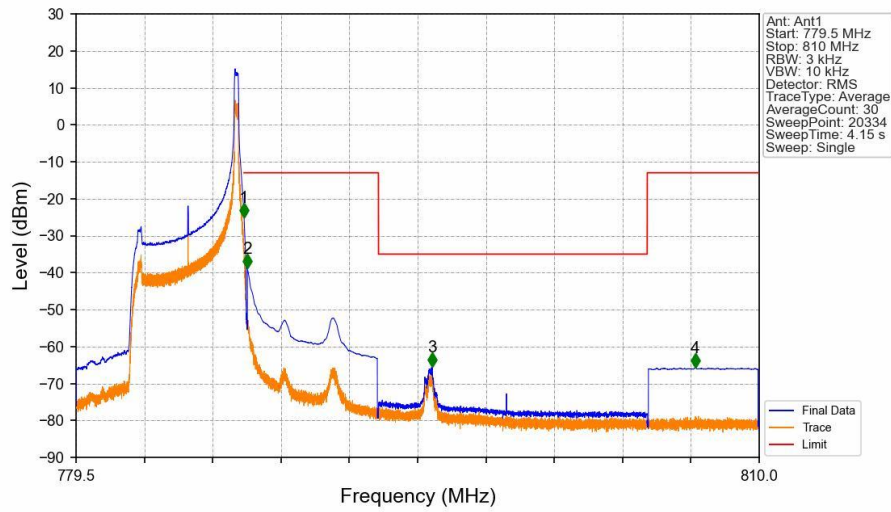
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



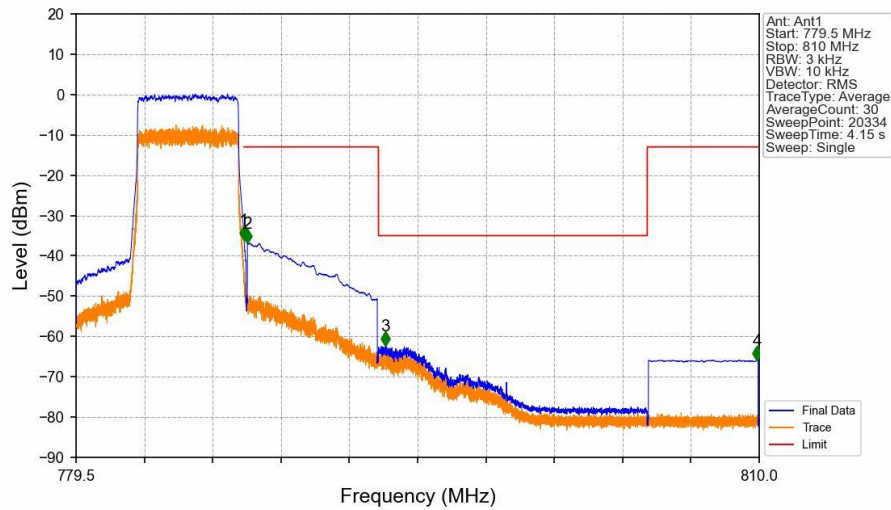
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



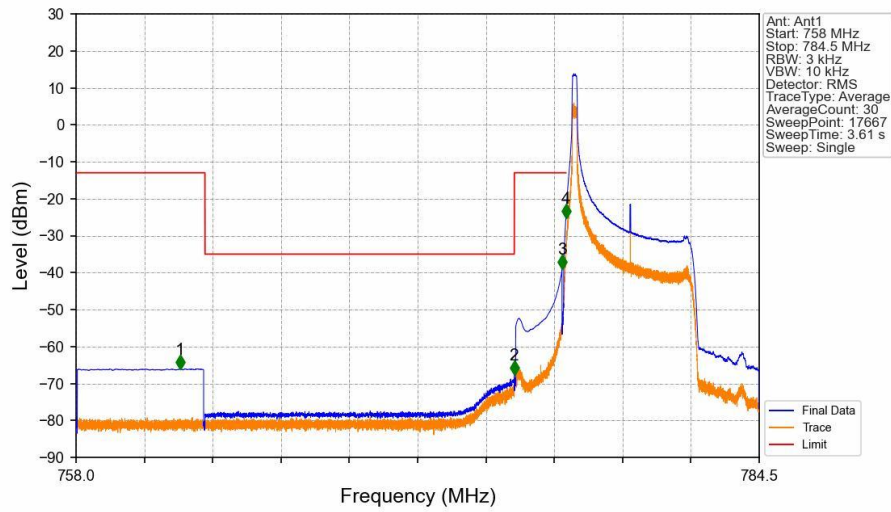
Band13 5MHz QPSK HCH 784.5MHz RB 1 24 NTN



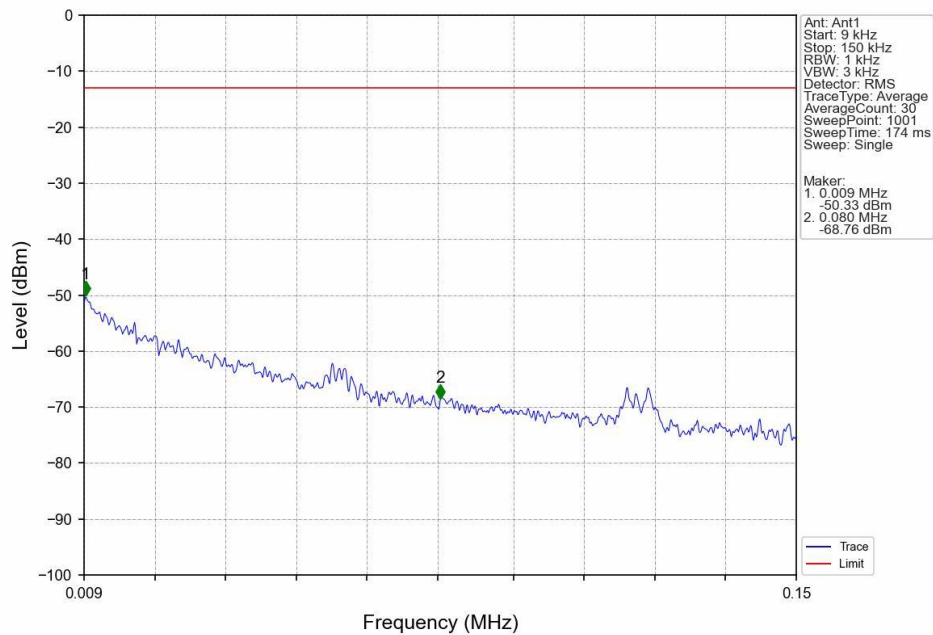
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTN



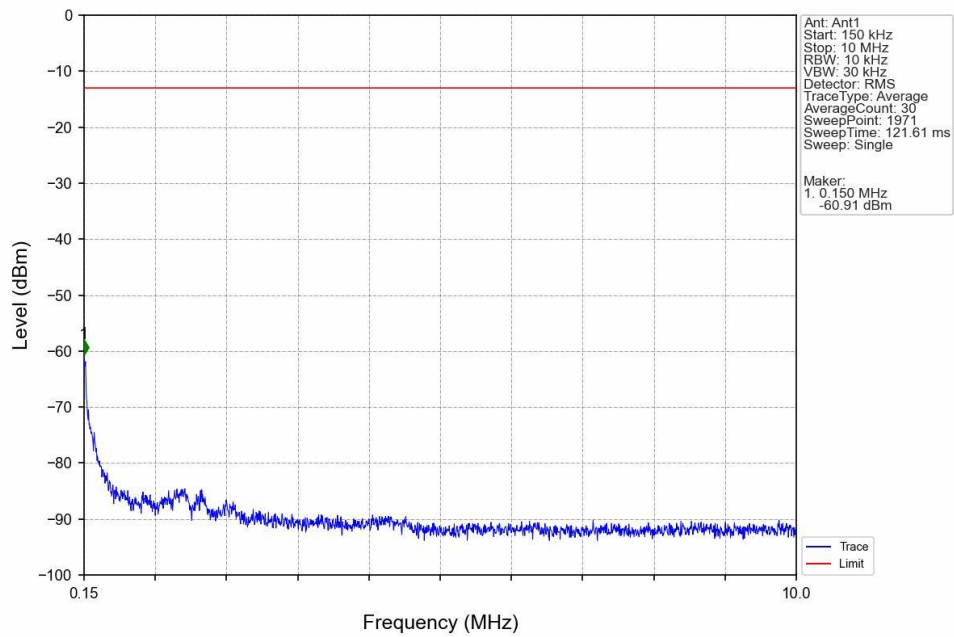
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



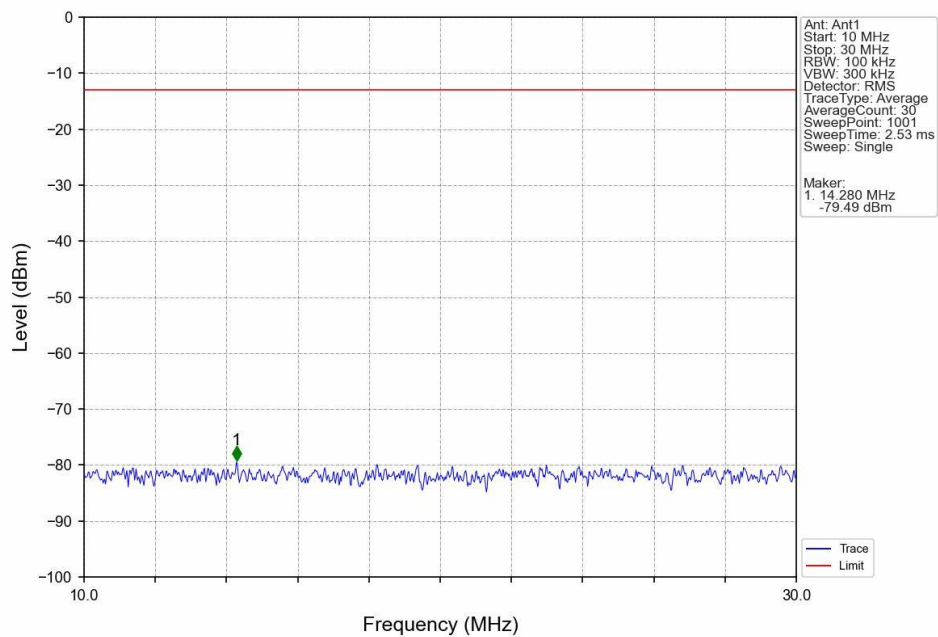
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



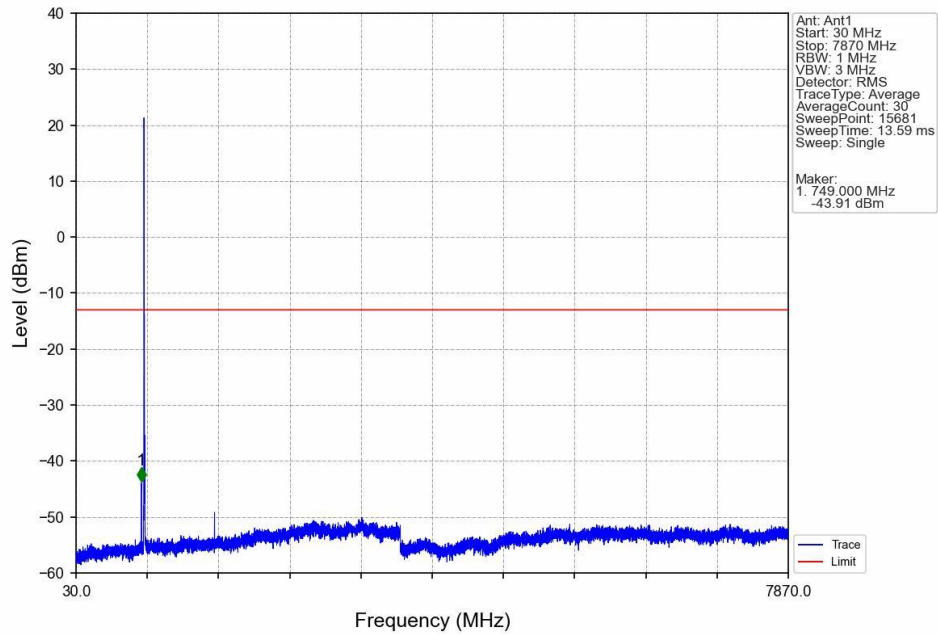
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



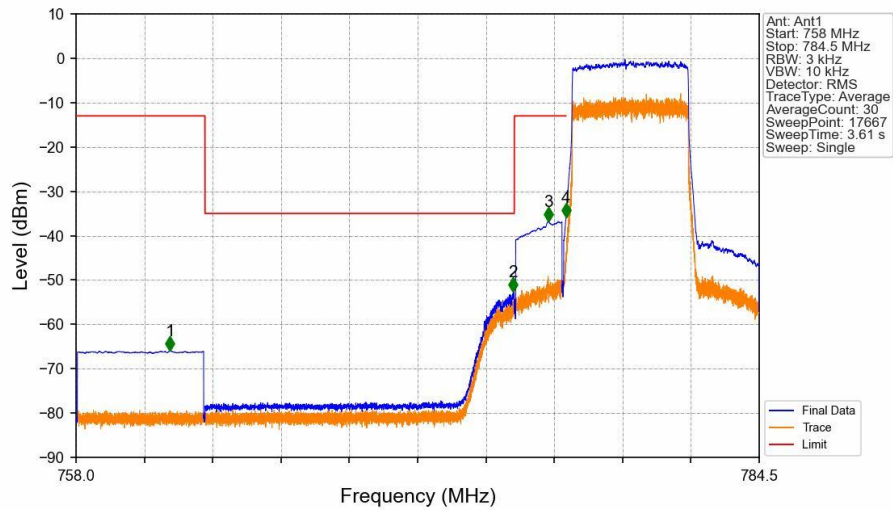
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

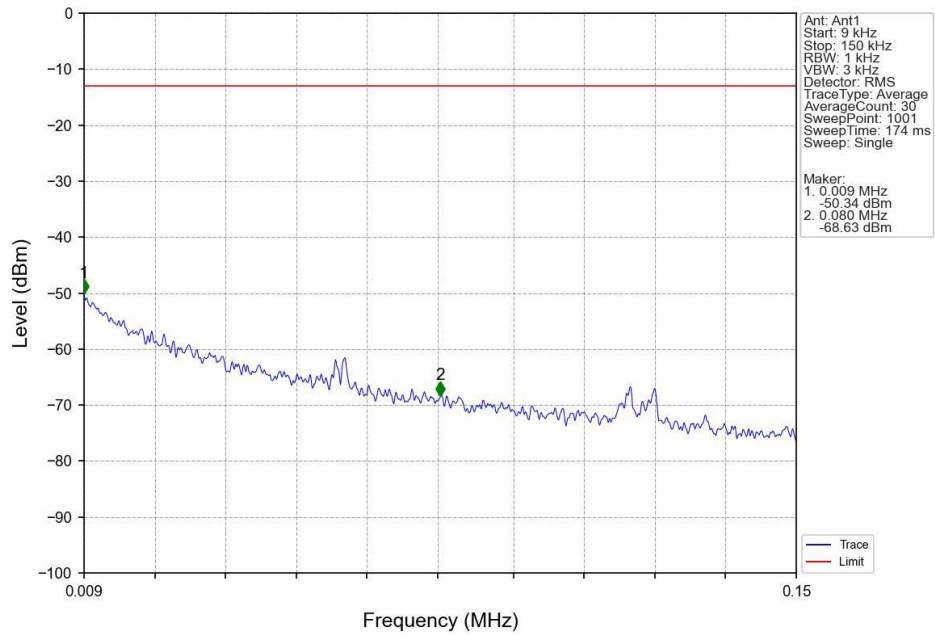


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

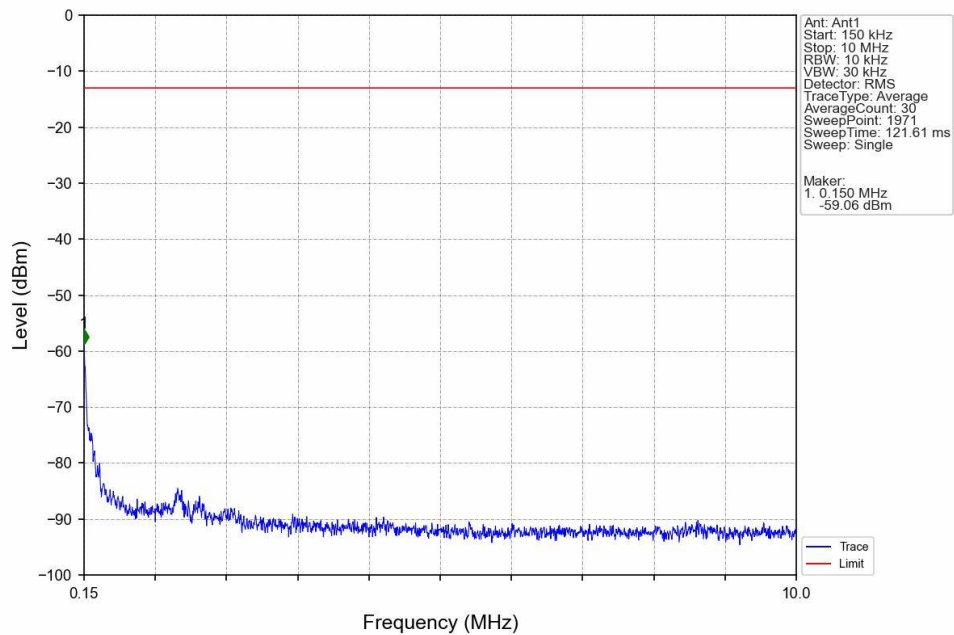


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.645	-65.97	-13	Pass
763	775	0.00625	CHP	2	774.961	-52.67	-35	Pass
775	776.9	0.1	CHP	3	776.328	-36.79	-13	Pass
776.9	777	0.03	CHP	4	777.000	-35.85	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

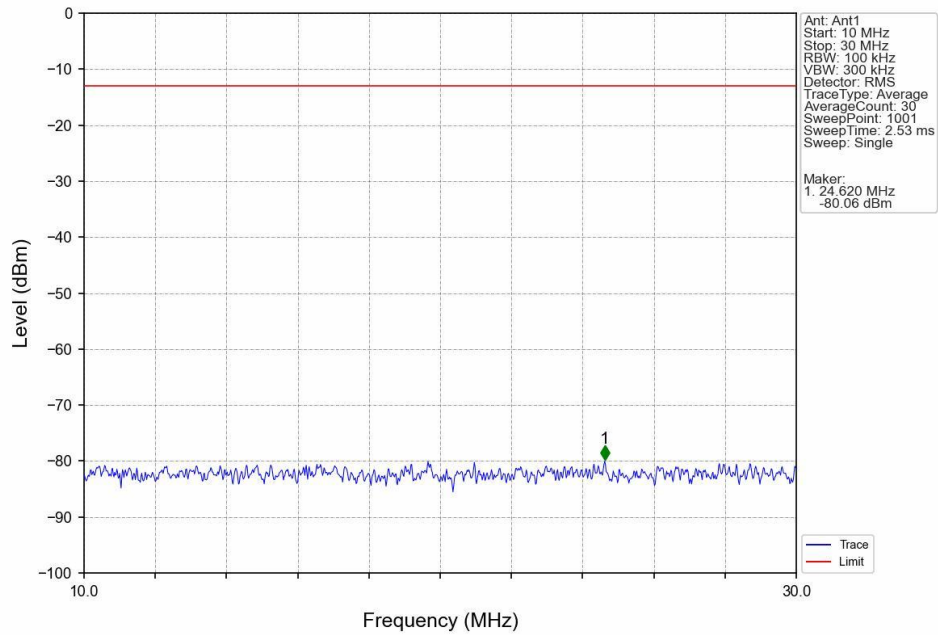
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



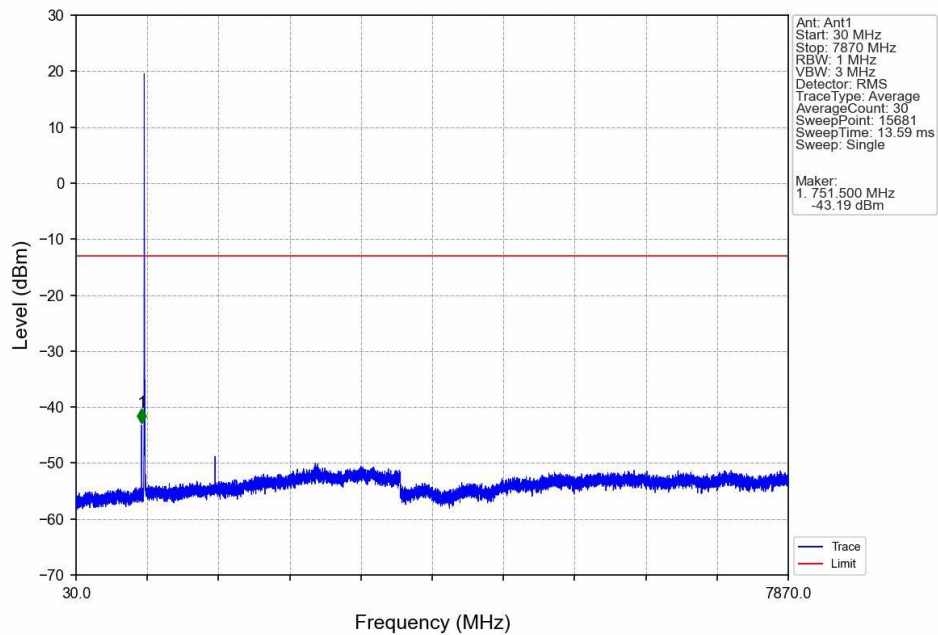
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



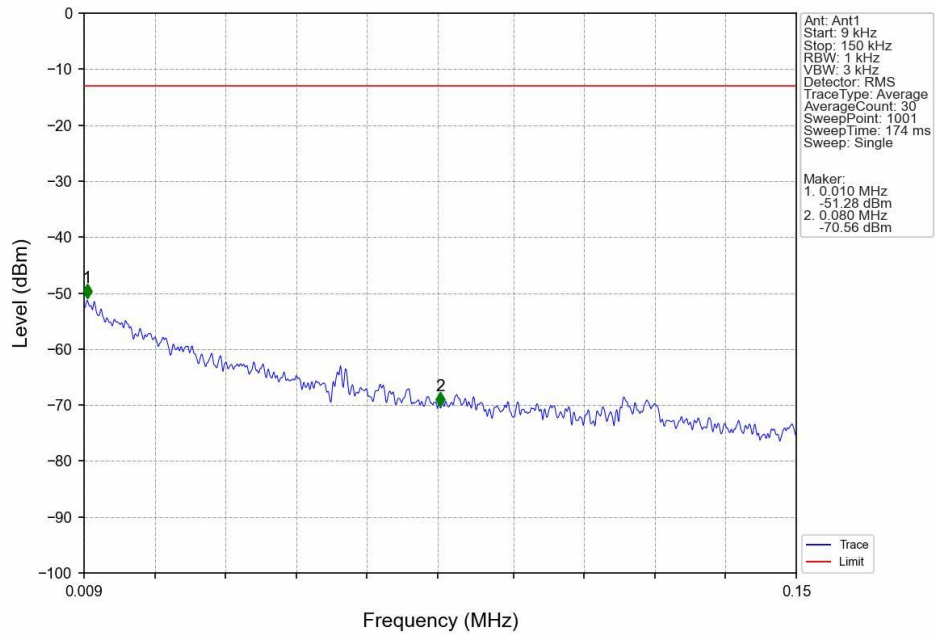
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



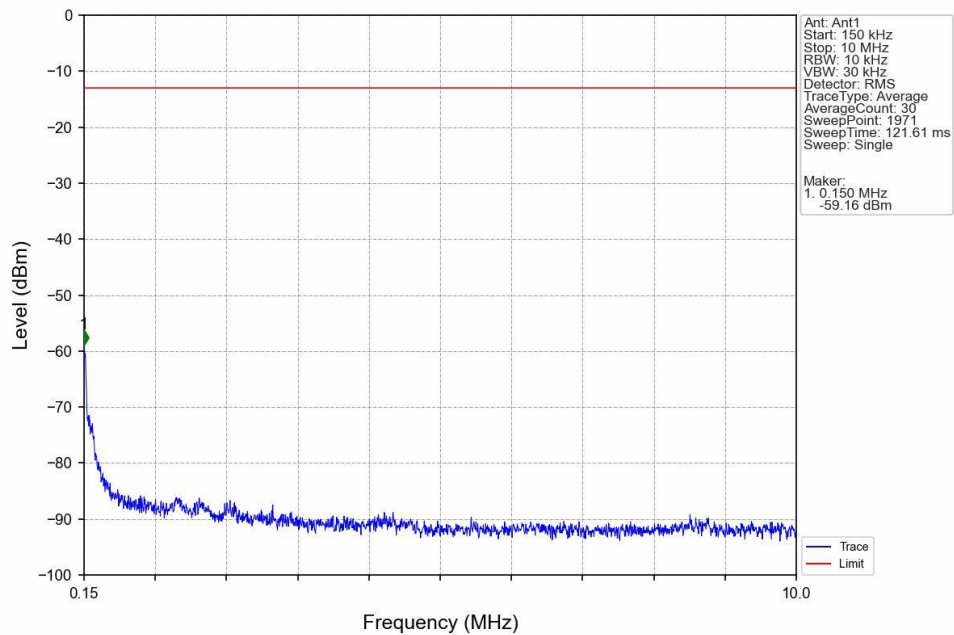
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



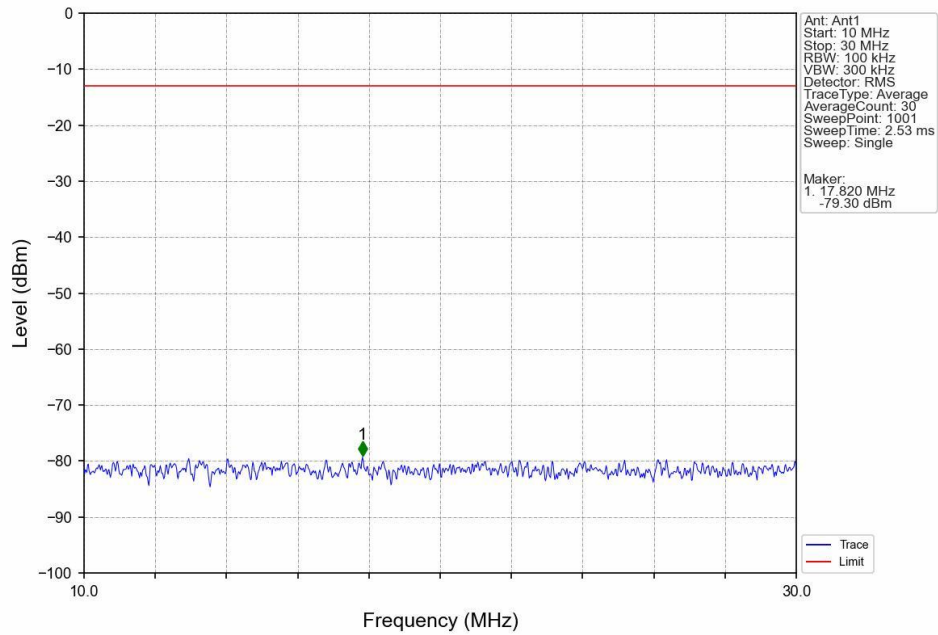
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



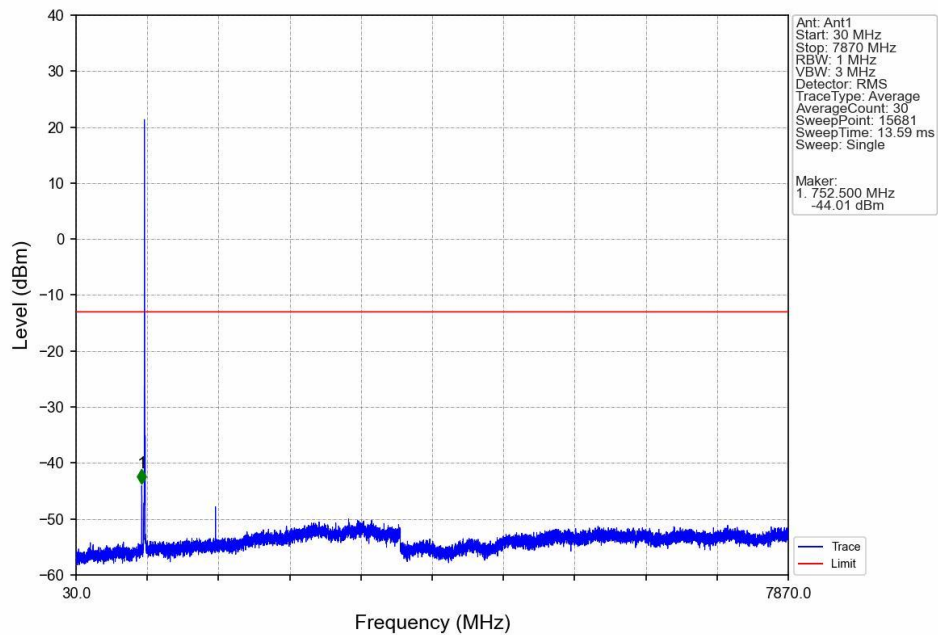
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



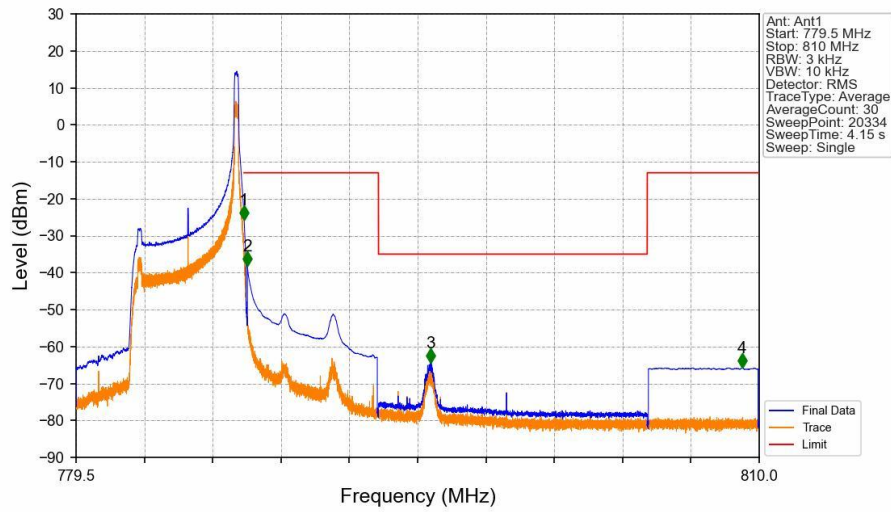
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



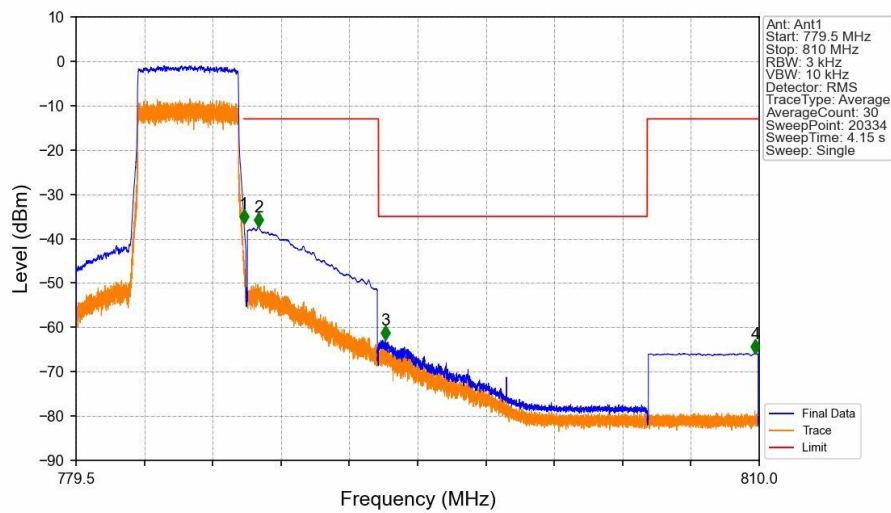
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



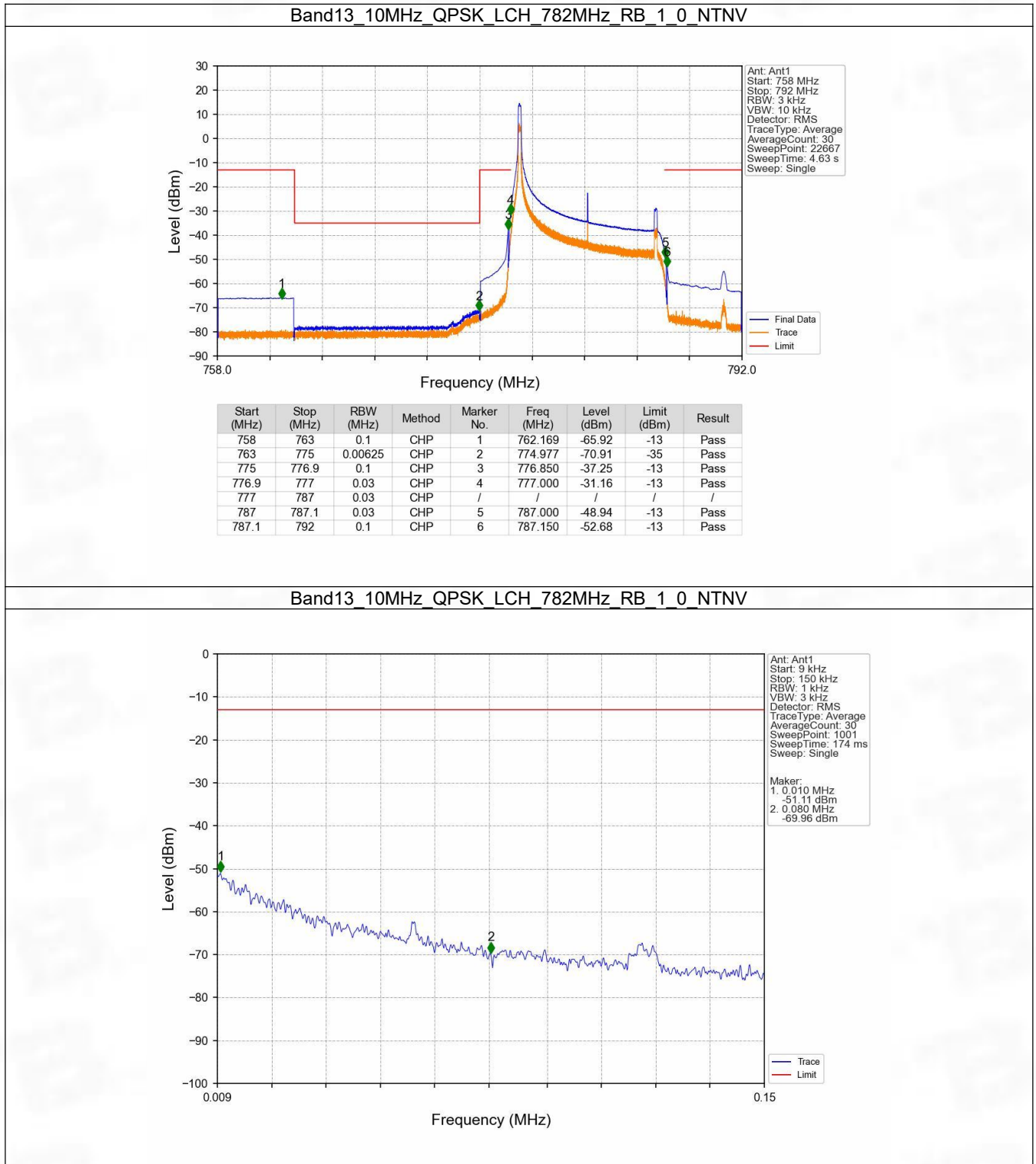
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



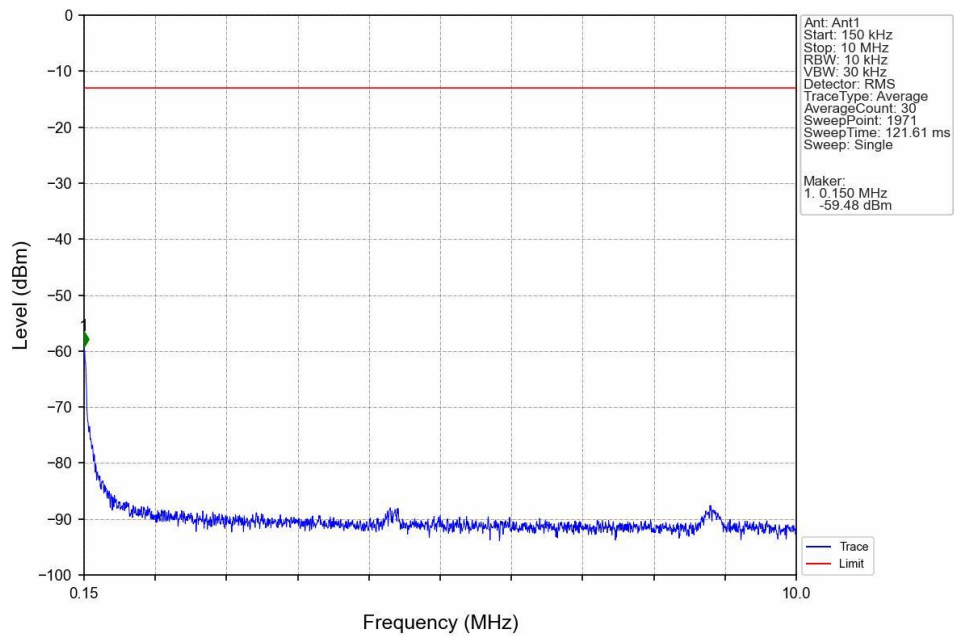
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



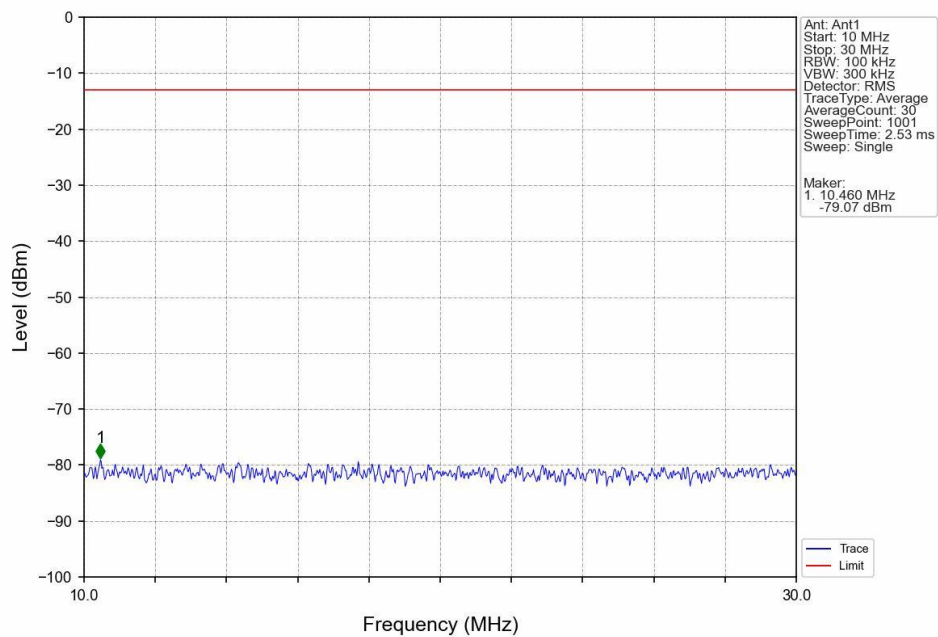
6.2.2 B13_10MHz



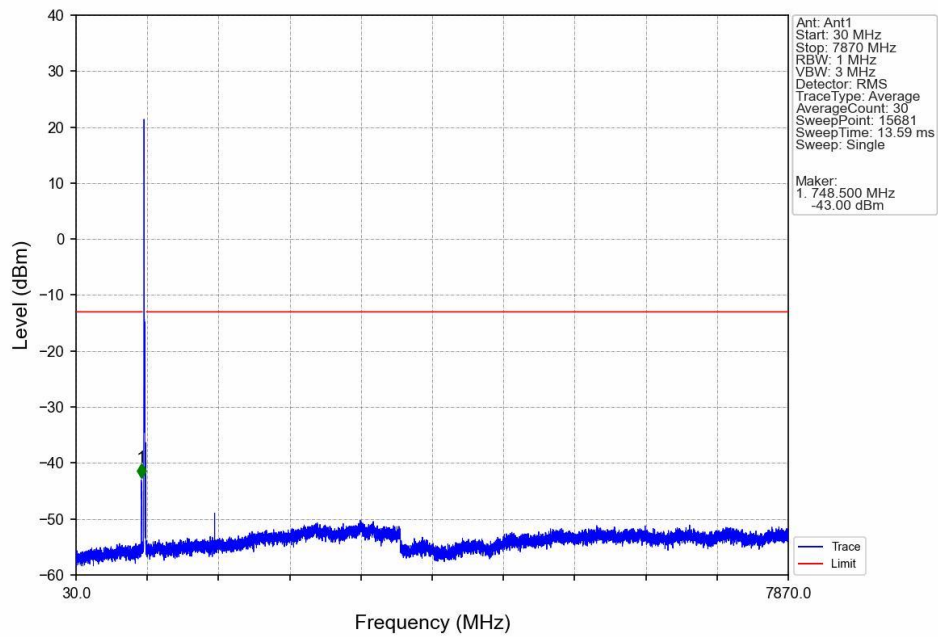
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



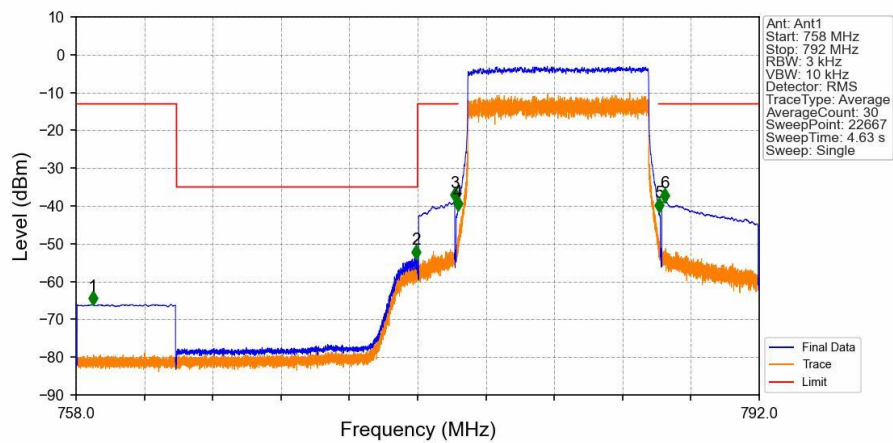
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

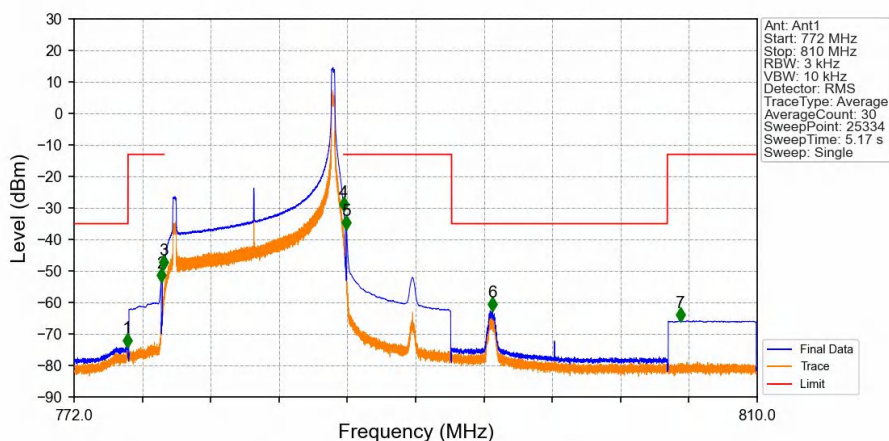


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



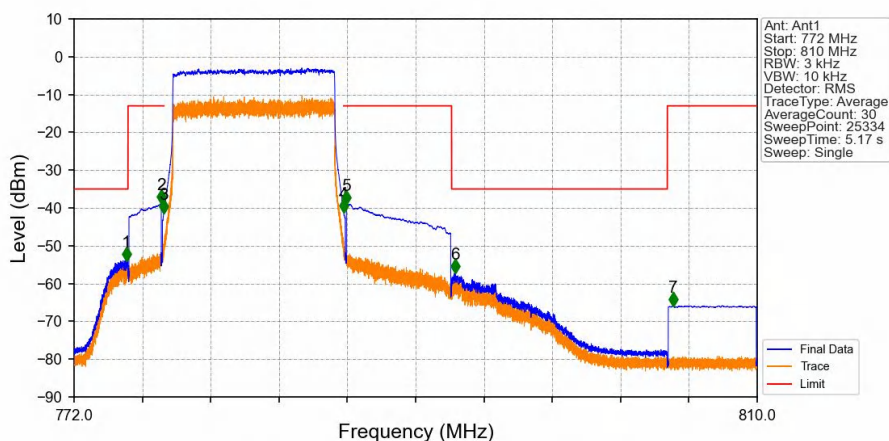
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.828	-66.04	-13	Pass
763	775	0.00625	CHP	2	774.914	-53.70	-35	Pass
775	776.9	0.1	CHP	3	776.845	-38.62	-13	Pass
776.9	777	0.03	CHP	4	777.000	-41.00	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-41.31	-13	Pass
787.1	792	0.1	CHP	6	787.299	-38.71	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



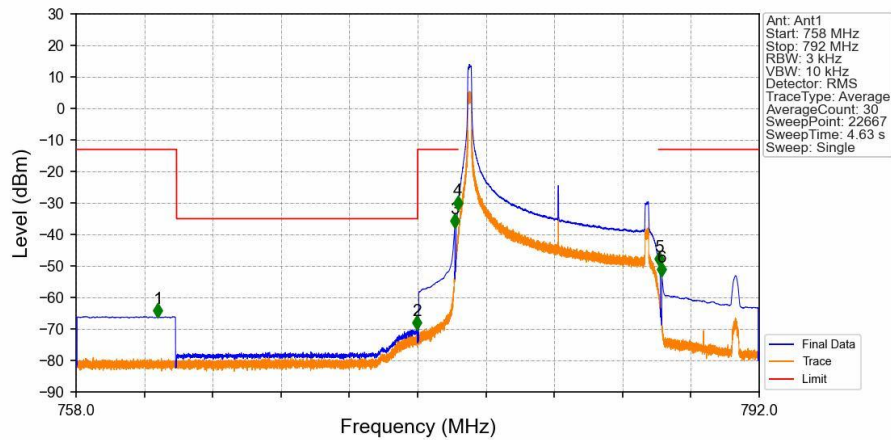
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.946	-73.87	-35	Pass
775	776.9	0.1	CHP	2	776.850	-53.23	-13	Pass
776.9	777	0.03	CHP	3	777.000	-49.18	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-30.72	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.62	-13	Pass
793	805	0.00625	CHP	6	795.273	-62.50	-35	Pass
805	810	0.1	CHP	7	805.728	-65.82	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



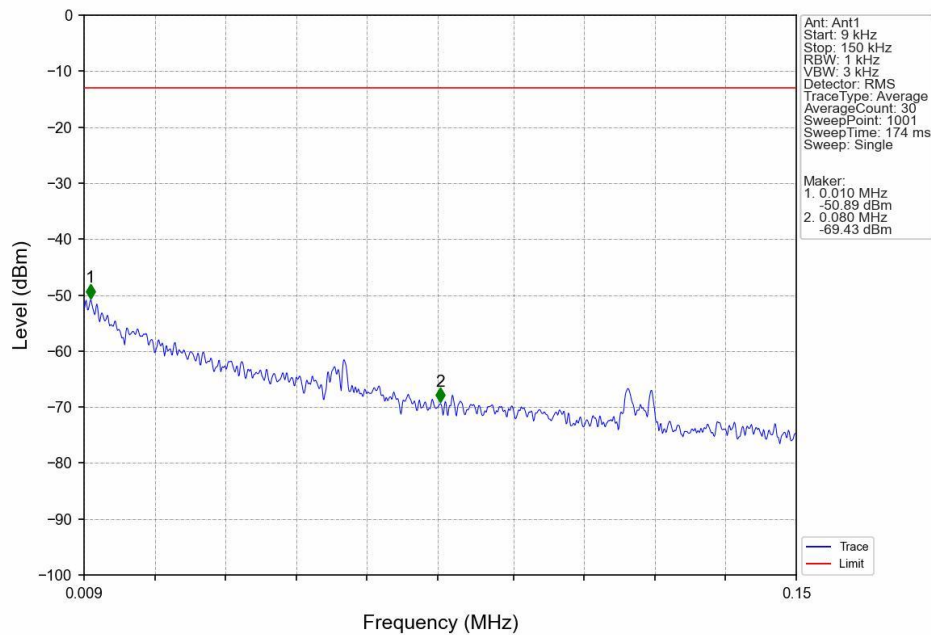
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.912	-53.73	-35	Pass
775	776.9	0.1	CHP	2	776.847	-38.67	-13	Pass
776.9	777	0.03	CHP	3	776.998	-41.19	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-41.01	-13	Pass
787.1	793	0.1	CHP	5	787.150	-38.83	-13	Pass
793	805	0.00625	CHP	6	793.212	-56.94	-35	Pass
805	810	0.1	CHP	7	805.311	-65.81	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

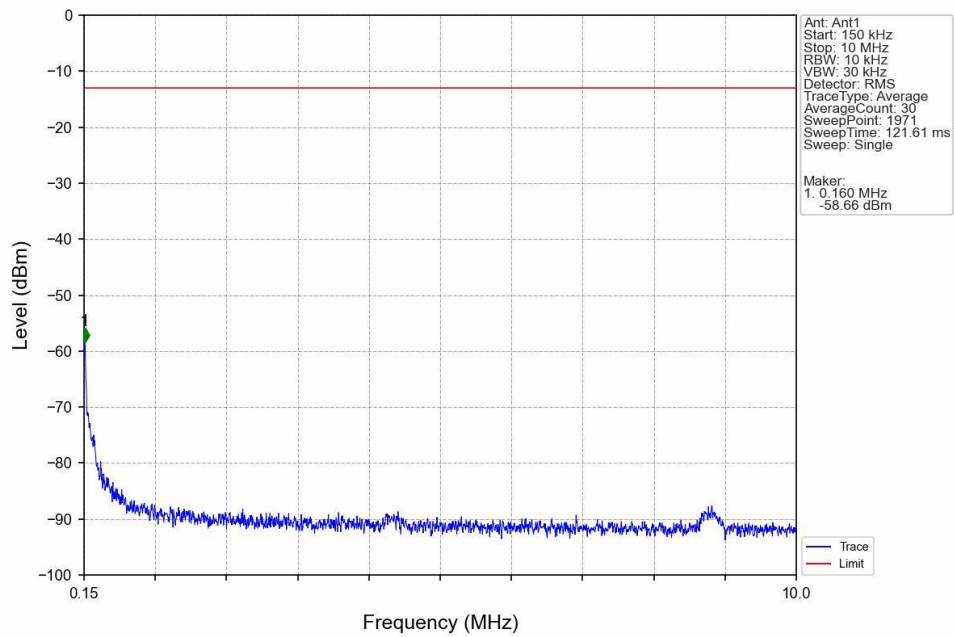


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.068	-66.06	-13	Pass
763	775	0.00625	CHP	2	774.959	-69.92	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.51	-13	Pass
776.9	777	0.03	CHP	4	777.000	-31.79	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-49.69	-13	Pass
787.1	792	0.1	CHP	6	787.150	-52.94	-13	Pass

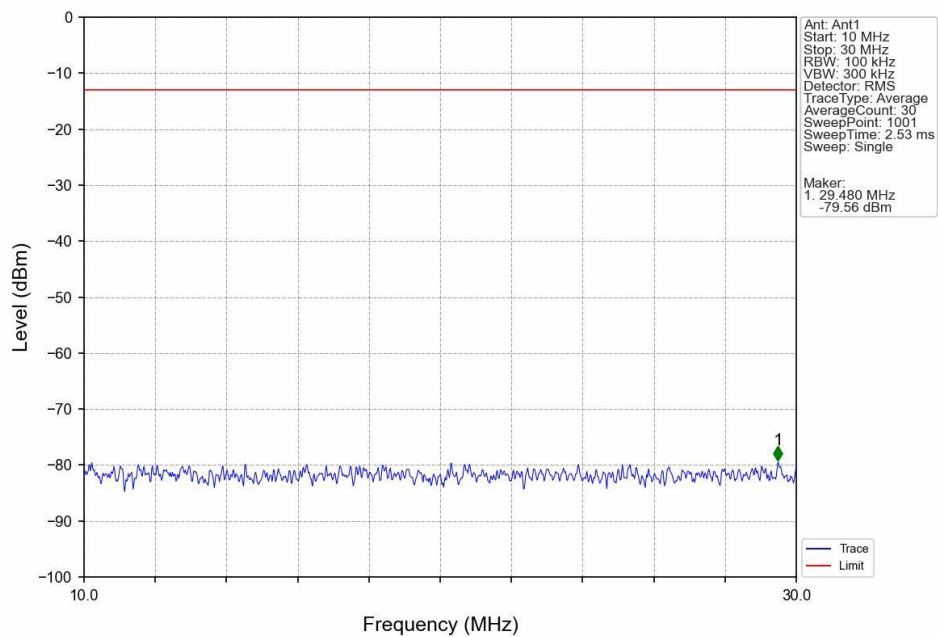
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



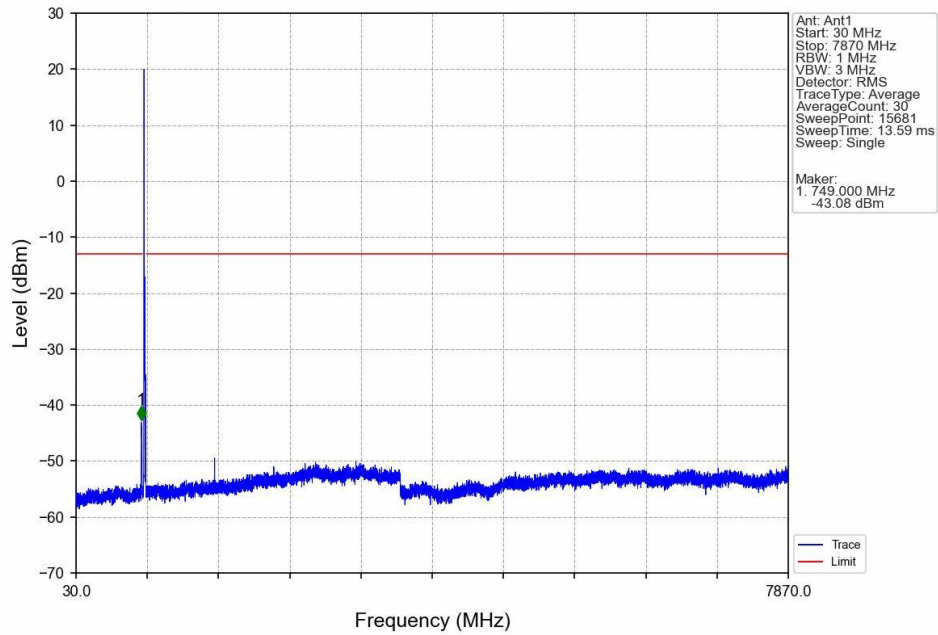
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



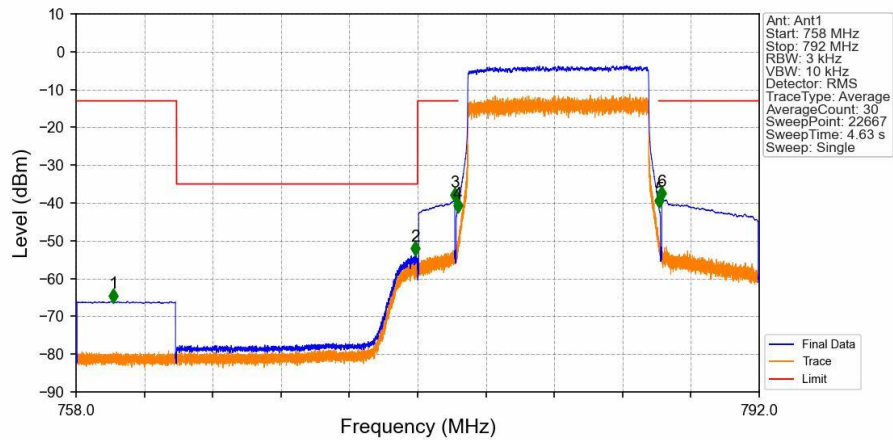
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

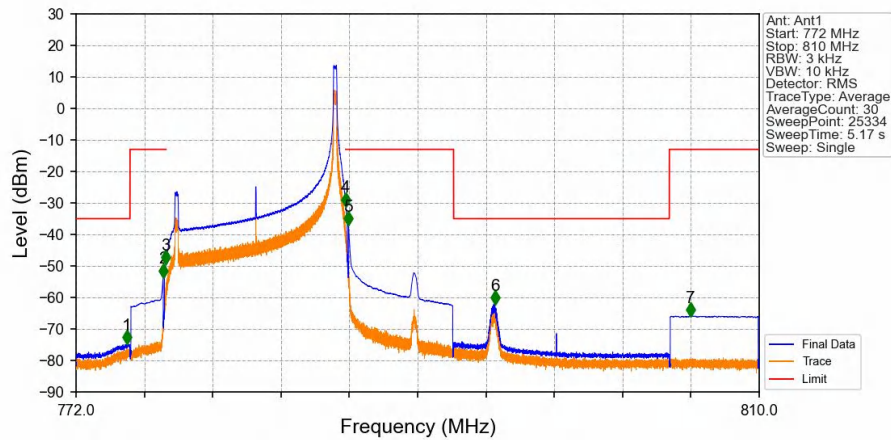


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



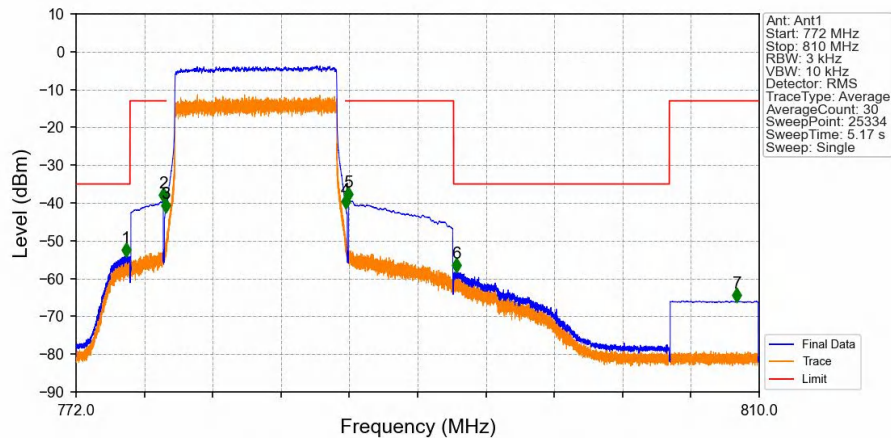
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.865	-66.08	-13	Pass
763	775	0.00625	CHP	2	774.883	-53.64	-35	Pass
775	776.9	0.1	CHP	3	776.844	-39.38	-13	Pass
776.9	777	0.03	CHP	4	776.995	-42.22	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-41.03	-13	Pass
787.1	792	0.1	CHP	6	787.152	-39.08	-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	CHP	1	774.822	-74.43	-35	Pass
775	776.9	0.1	CHP	2	776.850	-53.33	-13	Pass
776.9	777	0.03	CHP	3	777.000	-49.20	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-30.76	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.87	-13	Pass
793	805	0.00625	CHP	6	795.297	-61.98	-35	Pass
805	810	0.1	CHP	7	806.172	-65.83	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.778	-53.99	-35	Pass
775	776.9	0.1	CHP	2	776.850	-39.44	-13	Pass
776.9	777	0.03	CHP	3	776.992	-42.25	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-41.12	-13	Pass
787.1	793	0.1	CHP	5	787.152	-39.22	-13	Pass
793	805	0.00625	CHP	6	793.167	-58.04	-35	Pass
805	810	0.1	CHP	7	808.756	-65.92	-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	0.1445	0.0602	ppm	4M57G7D	27F	21.60
13	5	779.5	784.5	0.1340	0.0427	ppm	4M57W7D	27F	21.27
13	10	782	782	0.1472	0.0577	ppm	9M06G7D	27F	21.68
13	10	782	782	0.1262	0.0604	ppm	9M03W7D	27F	21.01

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	0.0621	0.0602	ppm	4M57G7D	27F	17.93
13	5	779.5	784.5	0.0575	0.0427	ppm	4M57W7D	27F	17.60
13	10	782	782	0.0632	0.0577	ppm	9M06G7D	27F	18.01
13	10	782	782	0.0542	0.0604	ppm	9M03W7D	27F	17.34