

1.1.1 B13_5MHz_ERP

1.1.2 B13_10MHz_ERP

Band: 13 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	20.99	-2.53	16.31	<=34.77	Pass
			25	20.99	-2.53	16.31	<=34.77	Pass
			49	21.09	-2.53	16.41	<=34.77	Pass
		25	0	20.00	-2.53	15.32	<=34.77	Pass
			13	20.02	-2.53	15.34	<=34.77	Pass
			25	20.22	-2.53	15.54	<=34.77	Pass
		50	0	20.00	-2.53	15.32	<=34.77	Pass
16QAM	782	1	0	20.15	-2.53	15.47	<=34.77	Pass
			25	20.11	-2.53	15.43	<=34.77	Pass
			49	20.21	-2.53	15.53	<=34.77	Pass
		25	0	19.20	-2.53	14.52	<=34.77	Pass
			13	19.28	-2.53	14.60	<=34.77	Pass
			25	19.37	-2.53	14.69	<=34.77	Pass
		50	0	19.20	-2.53	14.52	<=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	25.663	0.0329	-2.5 to 2.5	Pass
					3.85	45.118	0.0579	-2.5 to 2.5	Pass
					4.43	46.506	0.0597	-2.5 to 2.5	Pass
				-30	3.85	44.975	0.0577	-2.5 to 2.5	Pass
				-20	3.85	45.848	0.0588	-2.5 to 2.5	Pass
				-10	3.85	48.866	0.0627	-2.5 to 2.5	Pass
				0	3.85	4.935	0.0063	-2.5 to 2.5	Pass
				10	3.85	6.008	0.0077	-2.5 to 2.5	Pass
				30	3.85	7.410	0.0095	-2.5 to 2.5	Pass
				40	3.85	11.802	0.0151	-2.5 to 2.5	Pass
				50	3.85	13.289	0.0170	-2.5 to 2.5	Pass
	782	25	0	20	3.27	12.131	0.0155	-2.5 to 2.5	Pass
					3.85	11.201	0.0143	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-18.253	-0.0233	-2.5 to 2.5	Pass
				-20	3.85	-33.031	-0.0422	-2.5 to 2.5	Pass
				-10	3.85	-43.201	-0.0552	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-12.989	-0.0166	-2.5 to 2.5	Pass
				50	3.85	-18.868	-0.0241	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	12.031	0.0153	-2.5 to 2.5	Pass
					3.85	4.792	0.0061	-2.5 to 2.5	Pass
					4.43	-11.430	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-29.197	-0.0372	-2.5 to 2.5	Pass
				-20	3.85	-42.858	-0.0546	-2.5 to 2.5	Pass
				-10	3.85	-24.805	-0.0316	-2.5 to 2.5	Pass
				0	3.85	-4.635	-0.0059	-2.5 to 2.5	Pass

16QAM				10	3.85	-13.161	-0.0168	-2.5 to 2.5	Pass
				30	3.85	-17.138	-0.0218	-2.5 to 2.5	Pass
				40	3.85	-17.781	-0.0227	-2.5 to 2.5	Pass
				50	3.85	-24.090	-0.0307	-2.5 to 2.5	Pass
	779.5	25	0	20	3.27	14.391	0.0185	-2.5 to 2.5	Pass
					3.85	26.393	0.0339	-2.5 to 2.5	Pass
					4.43	35.505	0.0455	-2.5 to 2.5	Pass
				-30	3.85	45.862	0.0588	-2.5 to 2.5	Pass
				-20	3.85	5.493	0.0070	-2.5 to 2.5	Pass
				-10	3.85	12.617	0.0162	-2.5 to 2.5	Pass
				0	3.85	18.010	0.0231	-2.5 to 2.5	Pass
				10	3.85	23.818	0.0306	-2.5 to 2.5	Pass
				30	3.85	27.351	0.0351	-2.5 to 2.5	Pass
				40	3.85	35.706	0.0458	-2.5 to 2.5	Pass
				50	3.85	49.682	0.0637	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-25.978	-0.0332	-2.5 to 2.5	Pass
					3.85	-22.388	-0.0286	-2.5 to 2.5	Pass
					4.43	-13.919	-0.0178	-2.5 to 2.5	Pass
				-30	3.85	-9.542	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-7.010	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				0	3.85	3.133	0.0040	-2.5 to 2.5	Pass
				10	3.85	3.448	0.0044	-2.5 to 2.5	Pass
				30	3.85	4.420	0.0057	-2.5 to 2.5	Pass
				40	3.85	4.849	0.0062	-2.5 to 2.5	Pass
				50	3.85	5.965	0.0076	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-28.553	-0.0364	-2.5 to 2.5	Pass
					3.85	-27.151	-0.0346	-2.5 to 2.5	Pass
					4.43	-19.856	-0.0253	-2.5 to 2.5	Pass
				-30	3.85	-17.509	-0.0223	-2.5 to 2.5	Pass
				-20	3.85	-16.294	-0.0208	-2.5 to 2.5	Pass
				-10	3.85	-14.863	-0.0189	-2.5 to 2.5	Pass
				0	3.85	-9.384	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-10.114	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-10.800	-0.0138	-2.5 to 2.5	Pass
				40	3.85	-10.128	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-10.443	-0.0133	-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	-32.401	-0.0414	-2.5 to 2.5	Pass
					3.85	-38.095	-0.0487	-2.5 to 2.5	Pass
					4.43	-23.575	-0.0301	-2.5 to 2.5	Pass
				-30	3.85	-36.278	-0.0464	-2.5 to 2.5	Pass
				-20	3.85	-11.516	-0.0147	-2.5 to 2.5	Pass
				-10	3.85	-14.820	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-31.829	-0.0407	-2.5 to 2.5	Pass
				10	3.85	-16.351	-0.0209	-2.5 to 2.5	Pass
				30	3.85	-27.123	-0.0347	-2.5 to 2.5	Pass
				40	3.85	-25.635	-0.0328	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.85	-16.608	-0.0212	-2.5 to 2.5	Pass
					3.27	-13.275	-0.0170	-2.5 to 2.5	Pass
					4.43	-22.087	-0.0282	-2.5 to 2.5	Pass

				-30	3.85	-44.818	-0.0573	-2.5 to 2.5	Pass
				-20	3.85	-12.631	-0.0162	-2.5 to 2.5	Pass
				-10	3.85	-30.456	-0.0389	-2.5 to 2.5	Pass
				0	3.85	-44.231	-0.0566	-2.5 to 2.5	Pass
				10	3.85	-6.766	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-25.449	-0.0325	-2.5 to 2.5	Pass
				40	3.85	-50.612	-0.0647	-2.5 to 2.5	Pass
				50	3.85	-18.210	-0.0233	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

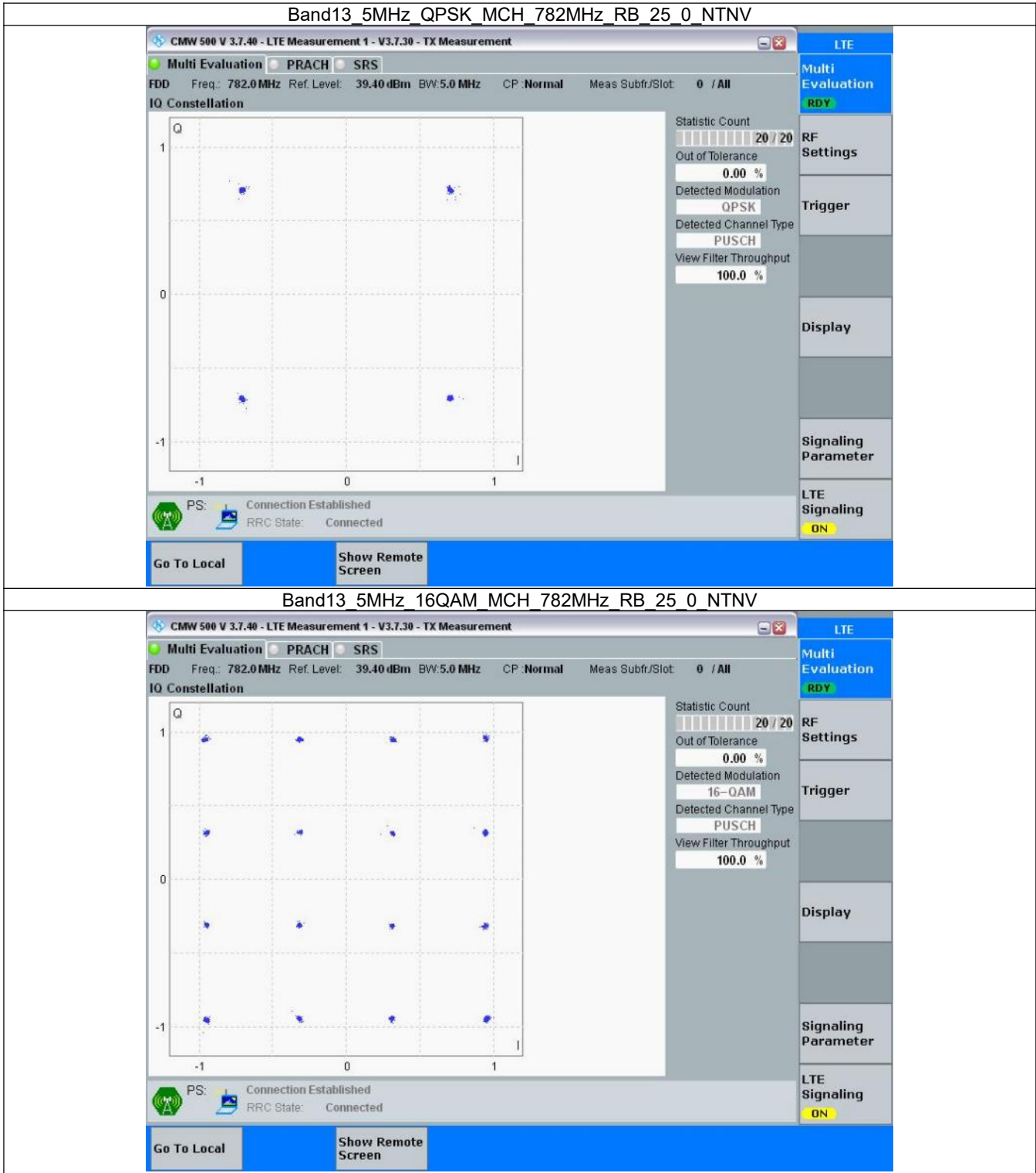
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

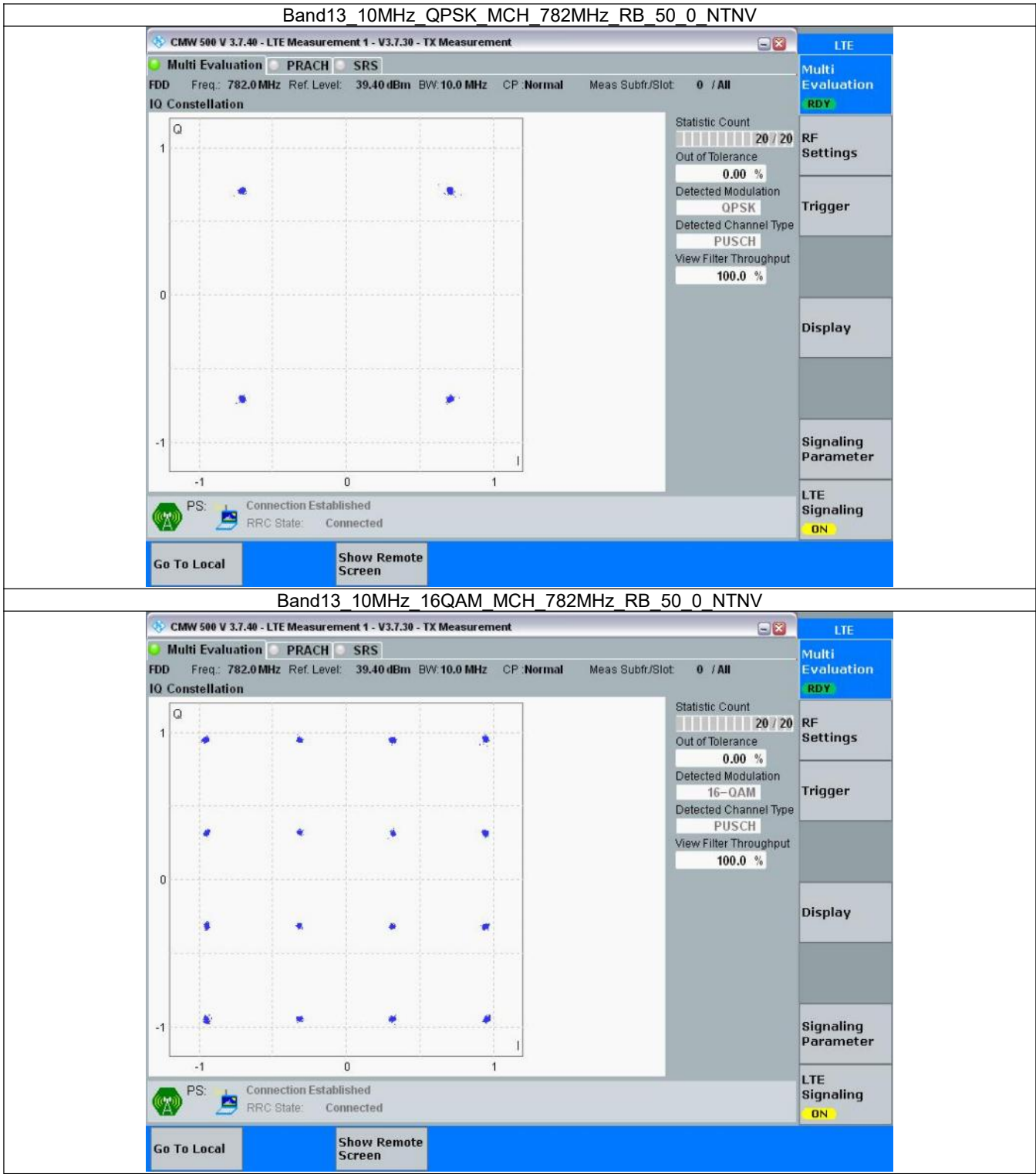
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B13_5MHz



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	4.533	/	Pass
		782	25	0	4.549	/	Pass
		784.5	25	0	4.557	/	Pass
	16QAM	779.5	25	0	4.551	/	Pass
		782	25	0	4.550	/	Pass
		784.5	25	0	4.602	/	Pass
10	QPSK	782	50	0	9.102	/	Pass
	16QAM	782	50	0	9.054	/	Pass

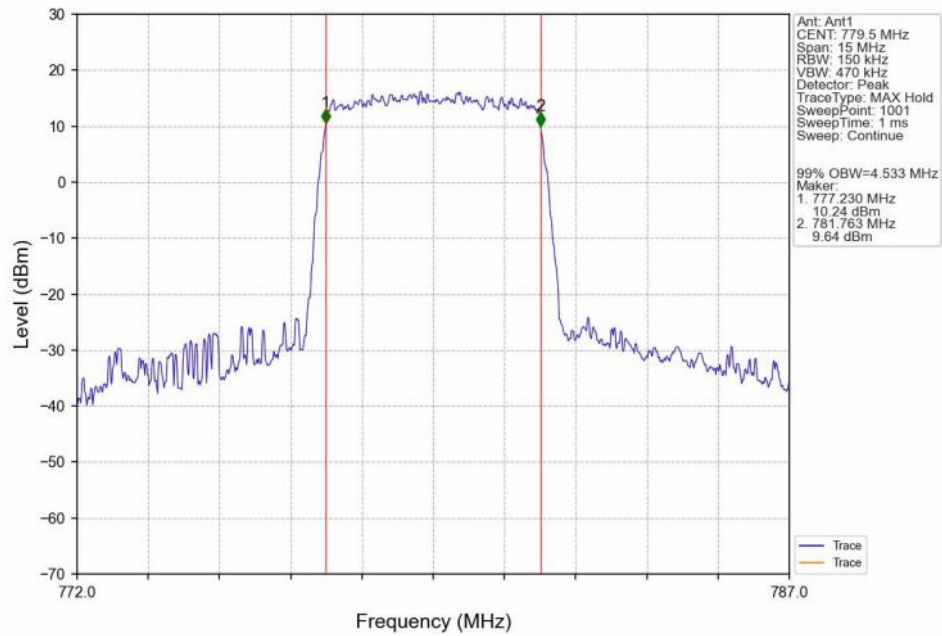
4.1.2 Band13_XDB

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.032	/	Pass
		782	25	0	4.941	/	Pass
		784.5	25	0	5.055	/	Pass
	16QAM	779.5	25	0	5.053	/	Pass
		782	25	0	5.069	/	Pass
		784.5	25	0	5.092	/	Pass
10	QPSK	782	50	0	10.096	/	Pass
	16QAM	782	50	0	10.077	/	Pass

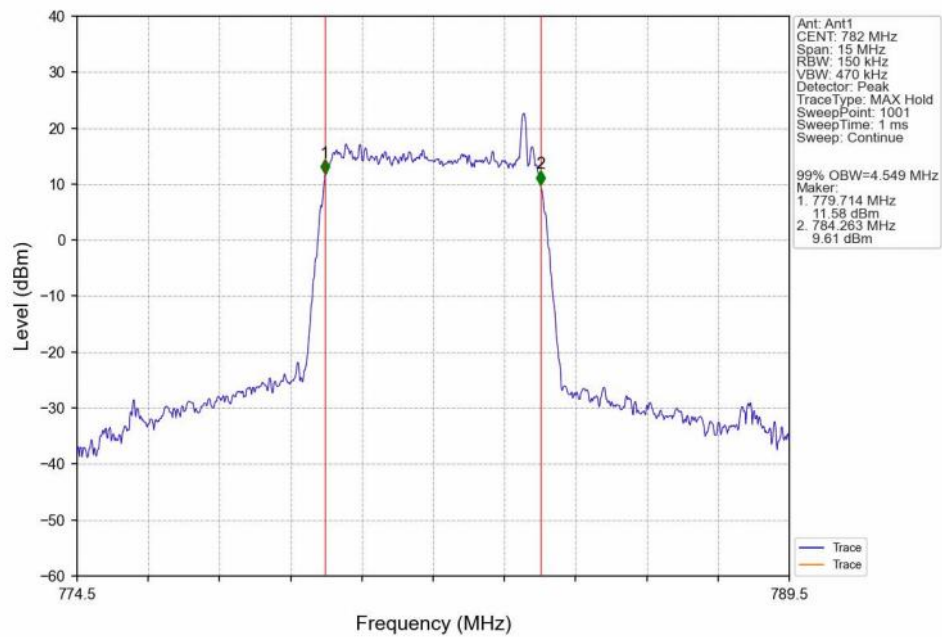
4.2 Test Graph

4.2.1 Band13_OBW

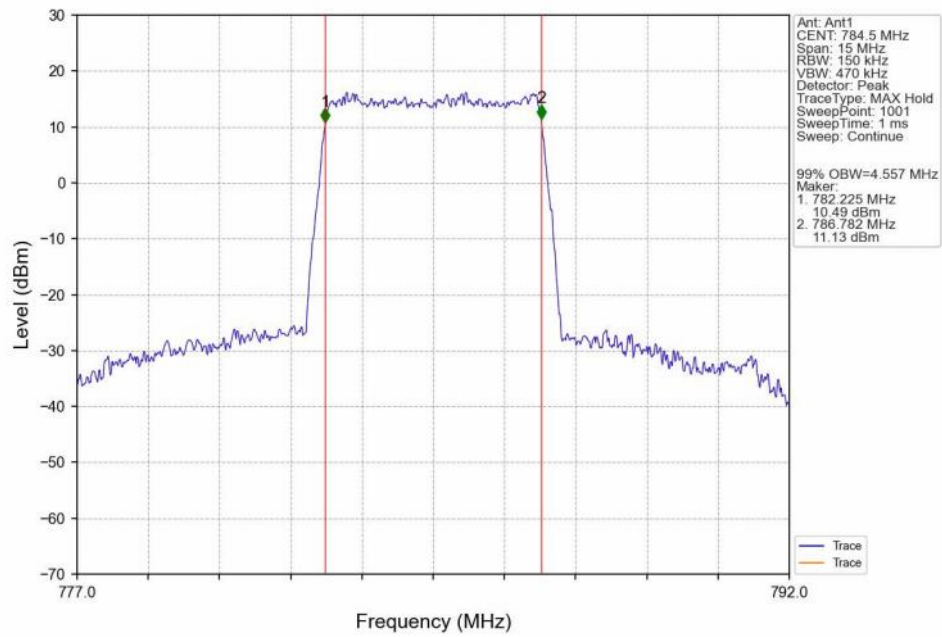
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



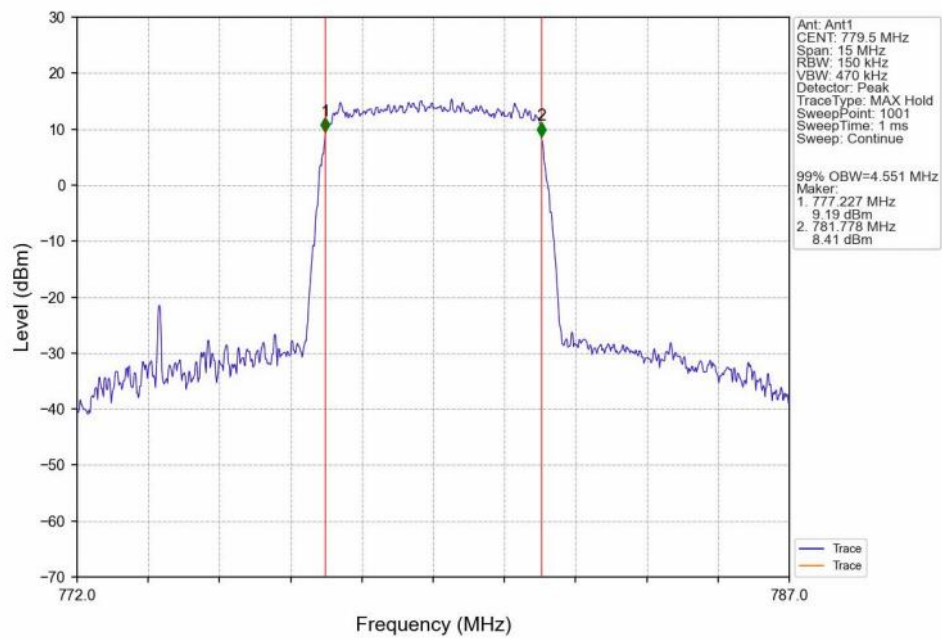
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



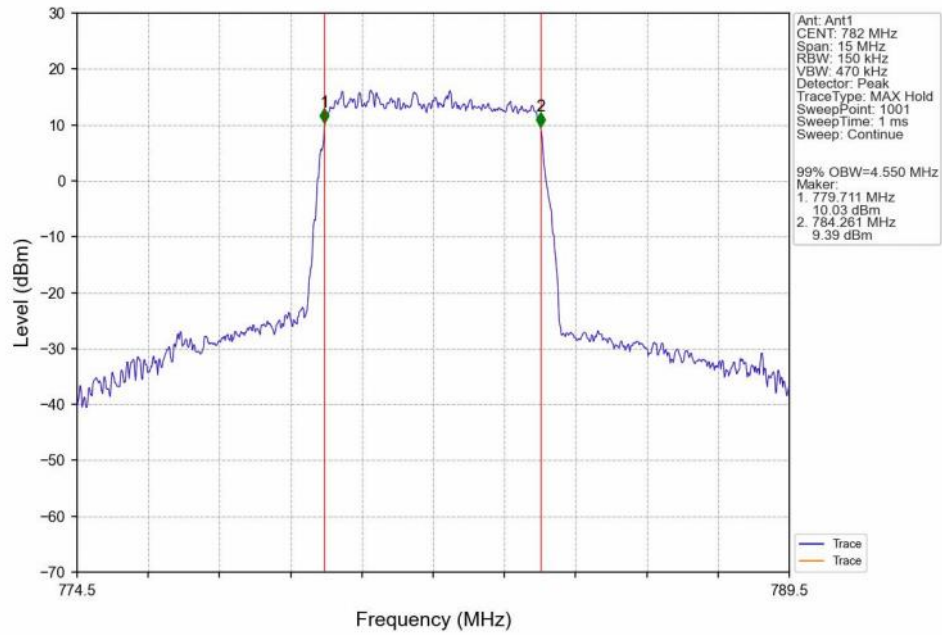
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



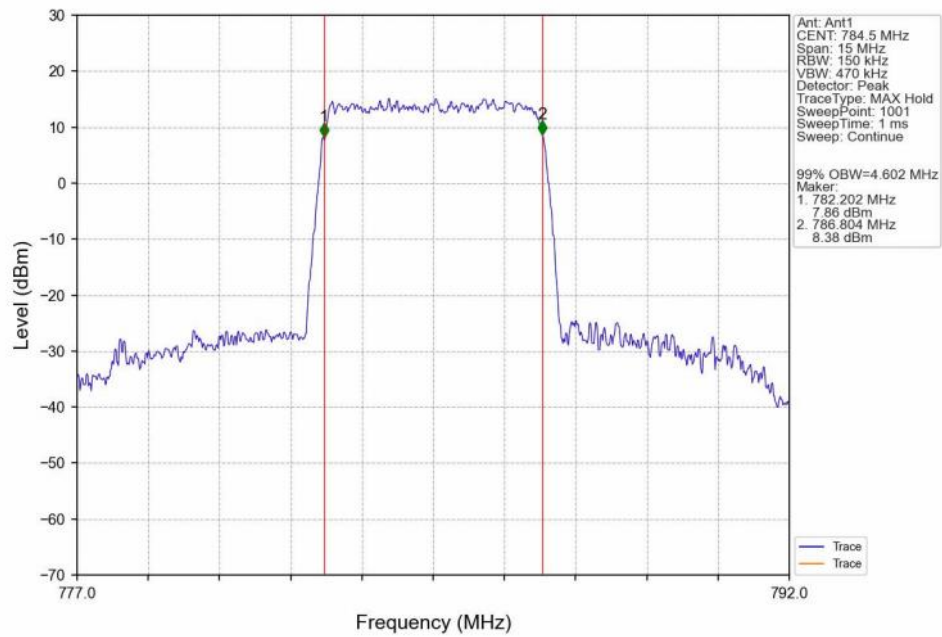
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



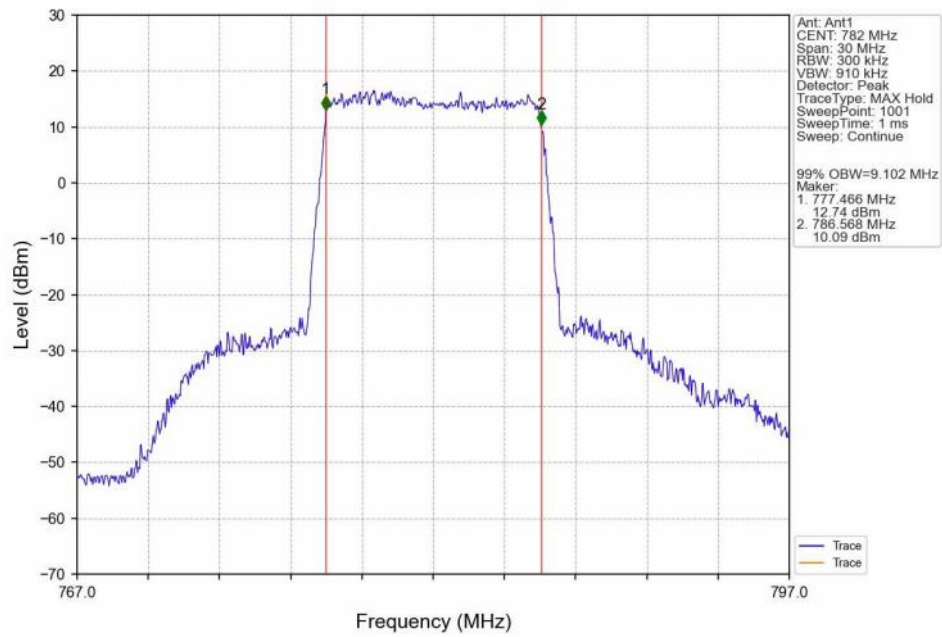
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



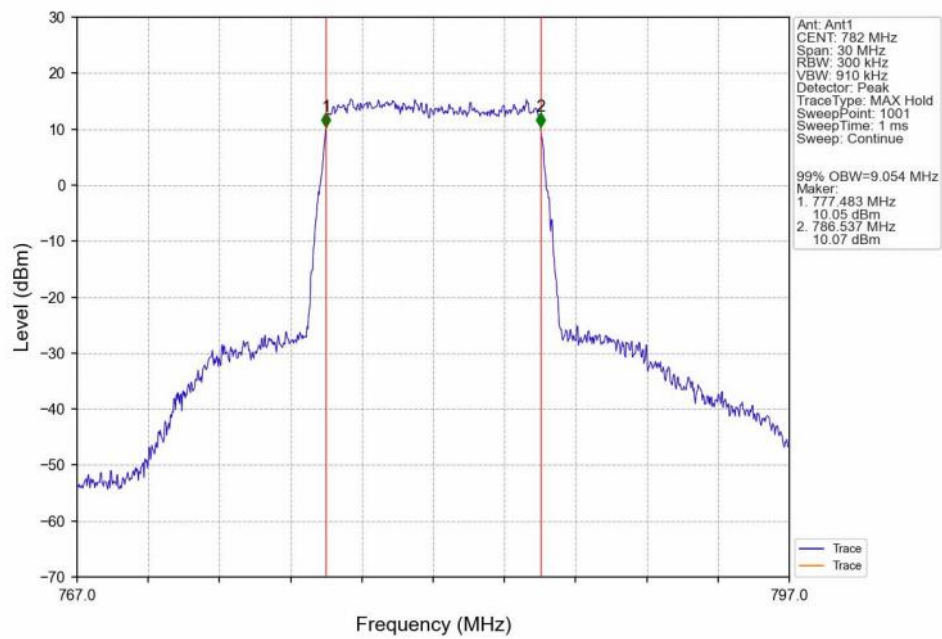
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



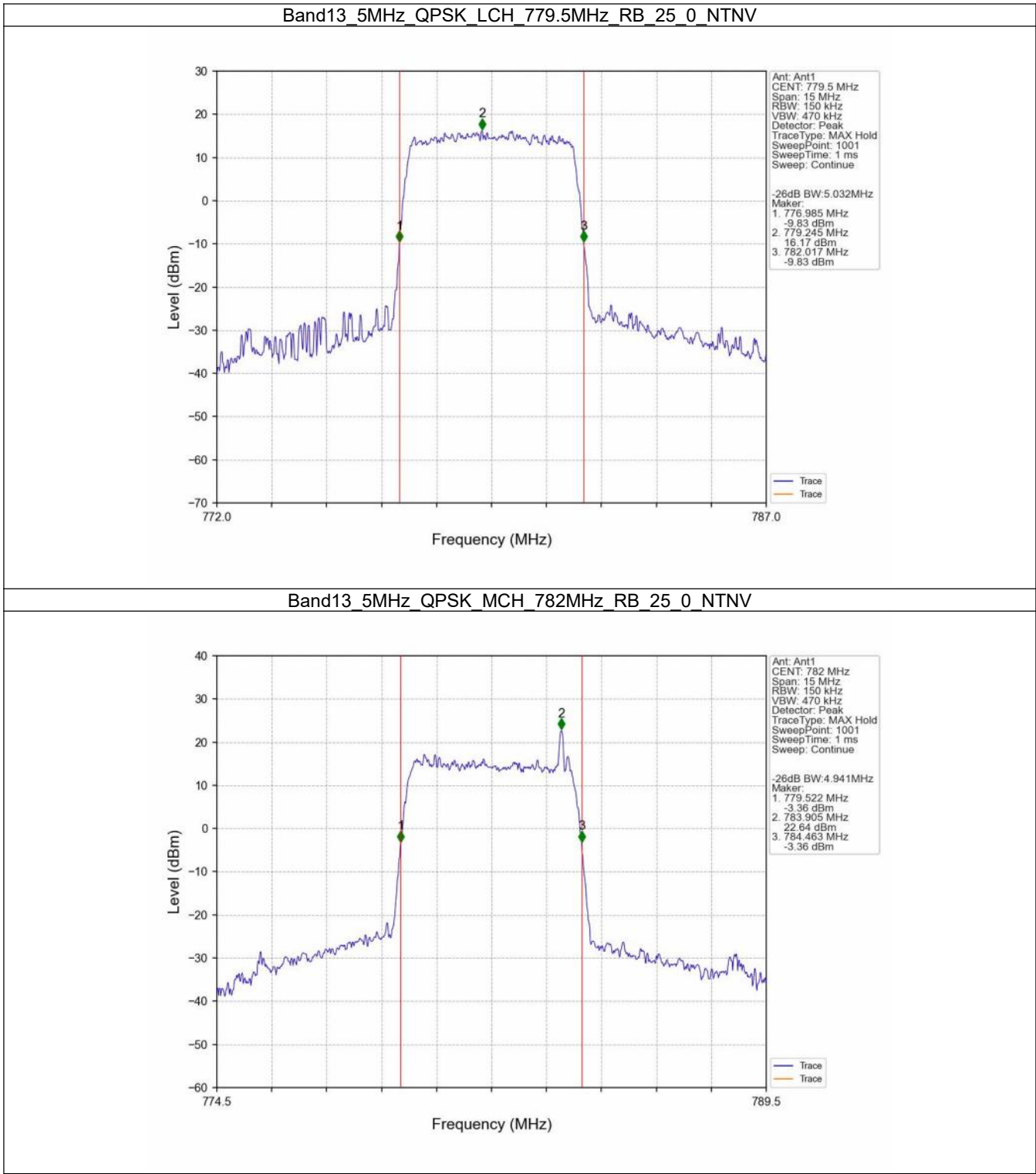
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



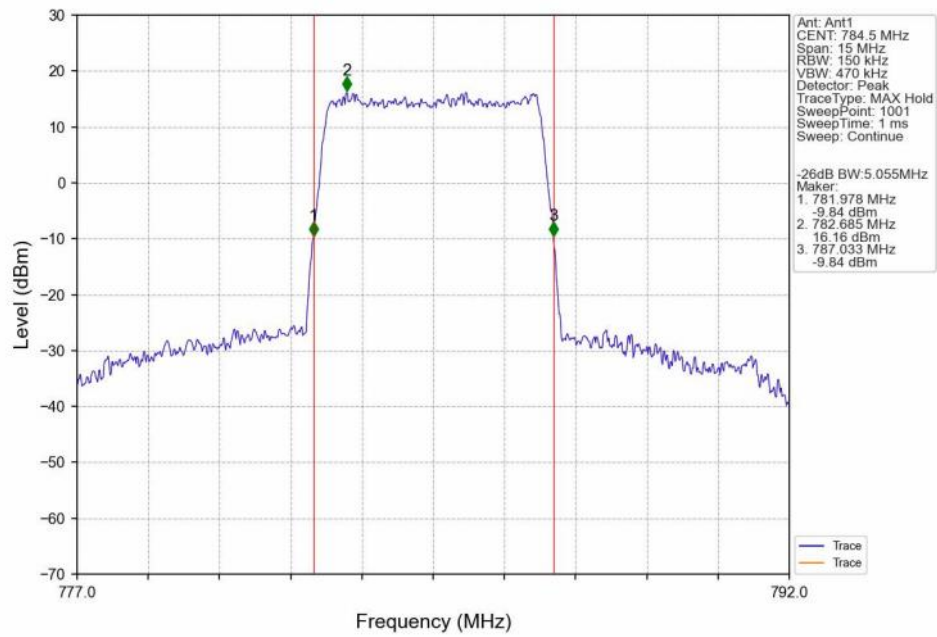
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



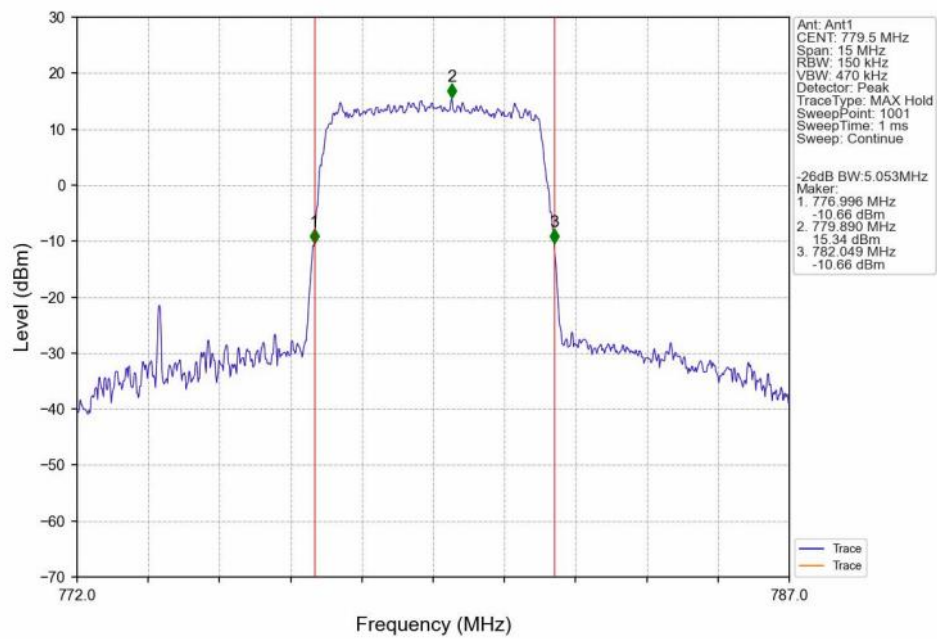
4.2.2 Band13_XDB



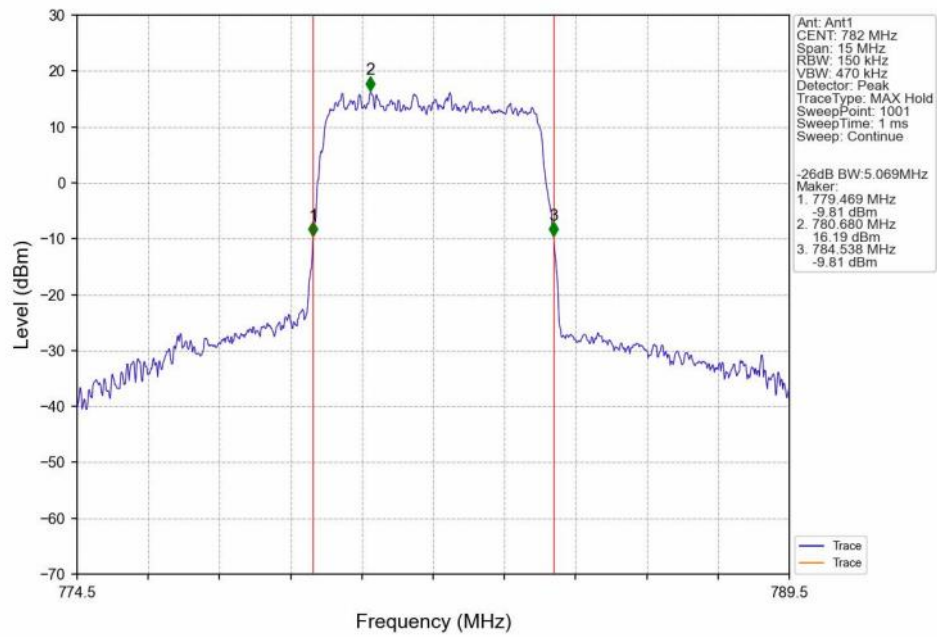
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



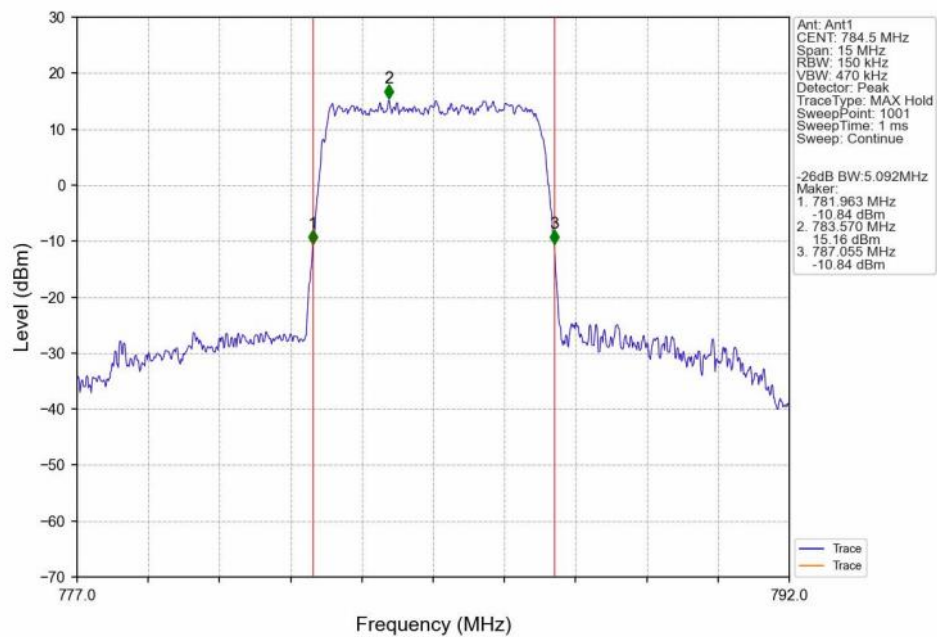
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



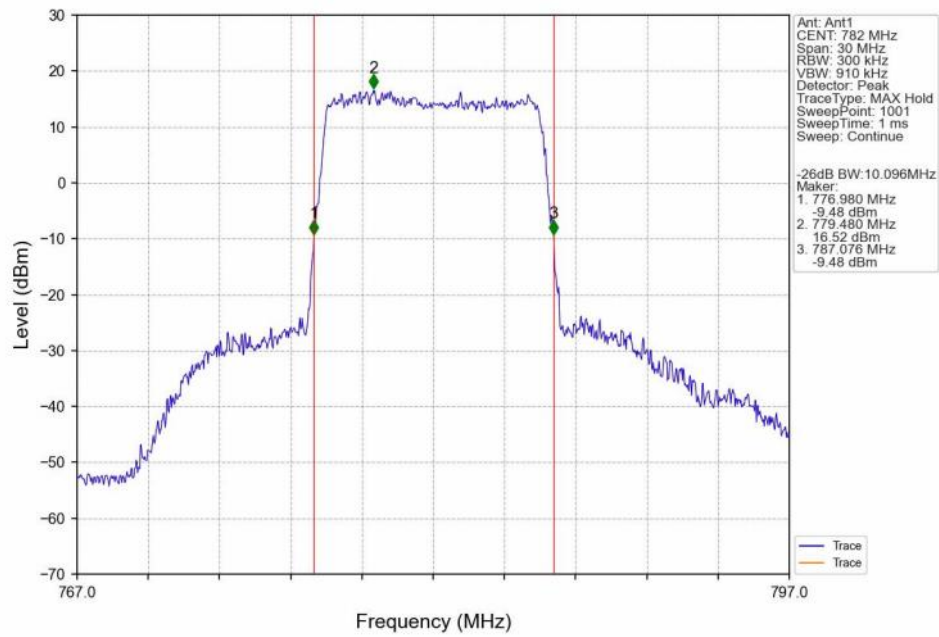
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



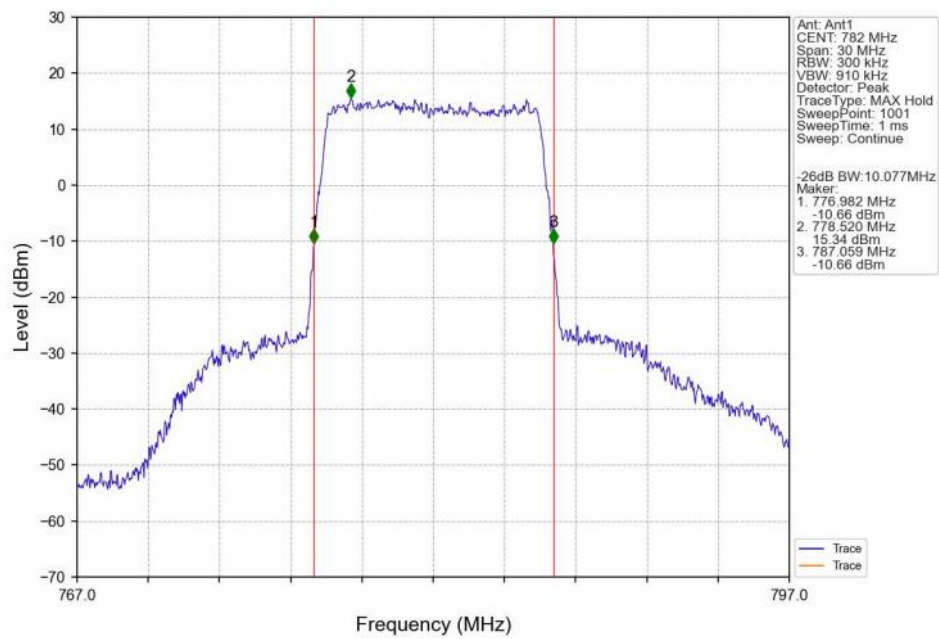
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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

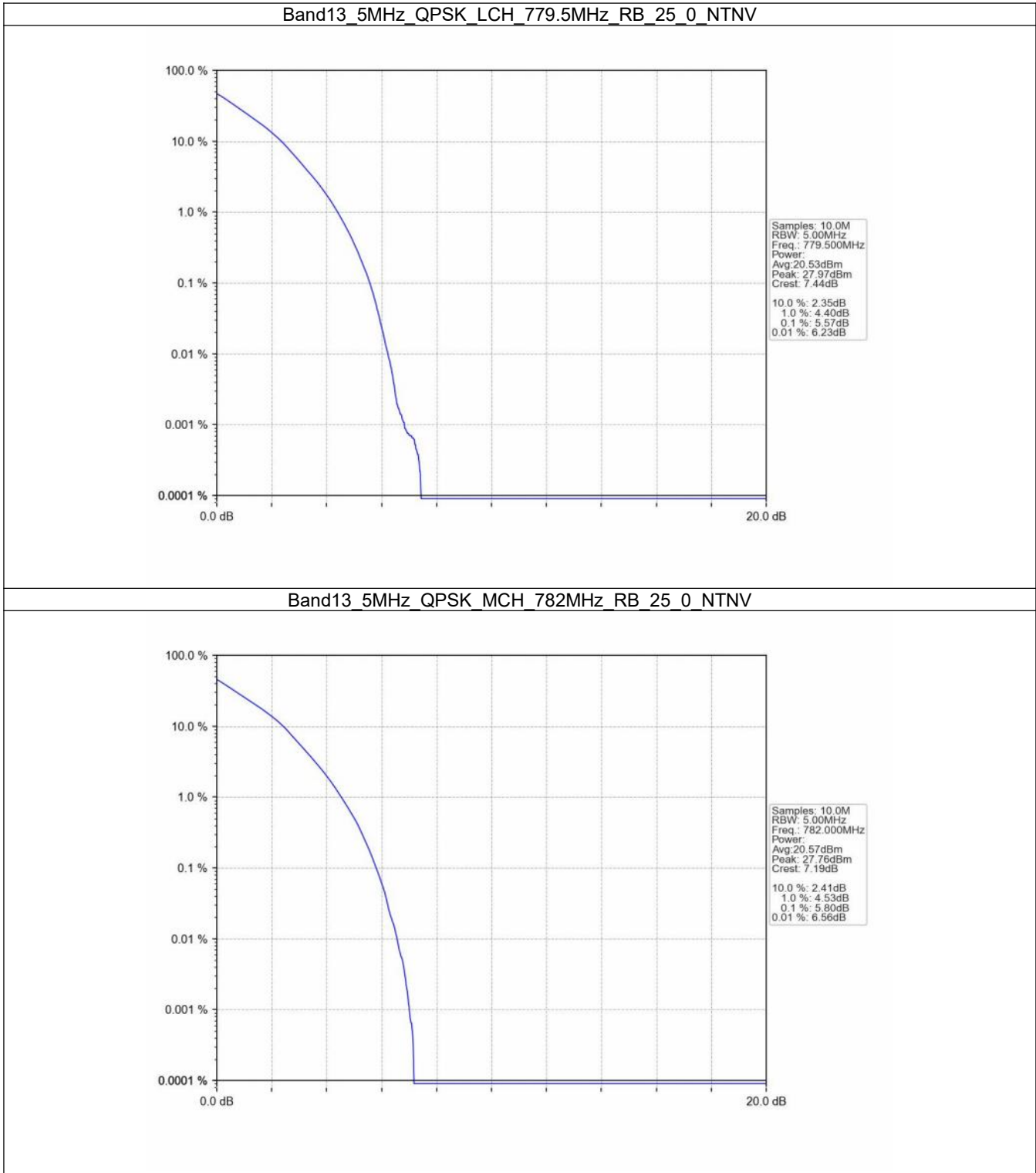
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.57	<=13	Pass
	782	25	0	5.80	<=13	Pass
	784.5	25	0	5.74	<=13	Pass
16QAM	779.5	25	0	6.32	<=13	Pass
	782	25	0	6.47	<=13	Pass
	784.5	25	0	6.51	<=13	Pass

5.1.2 B13_10MHz

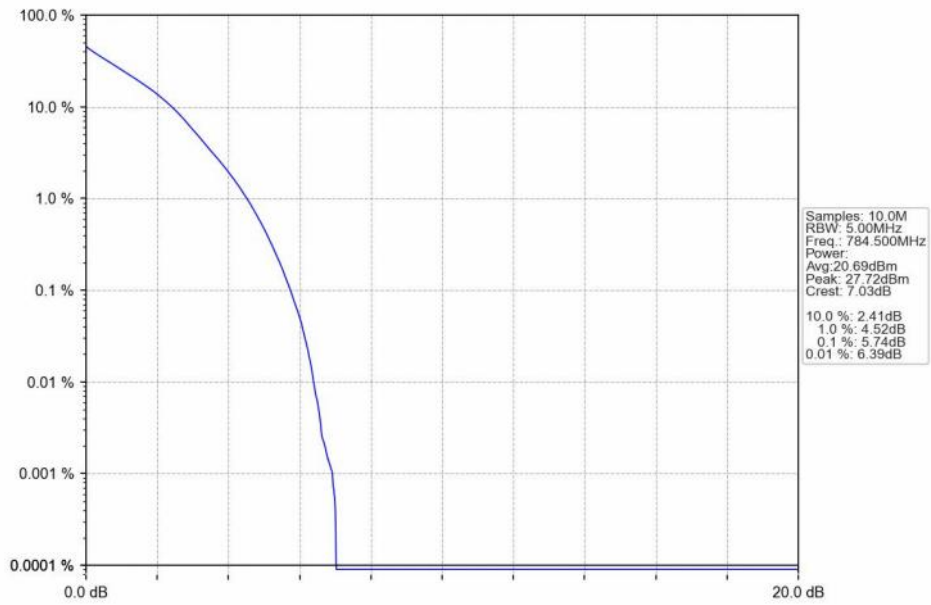
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.69	<=13	Pass
16QAM	782	50	0	6.45	<=13	Pass

5.2 Test Graph

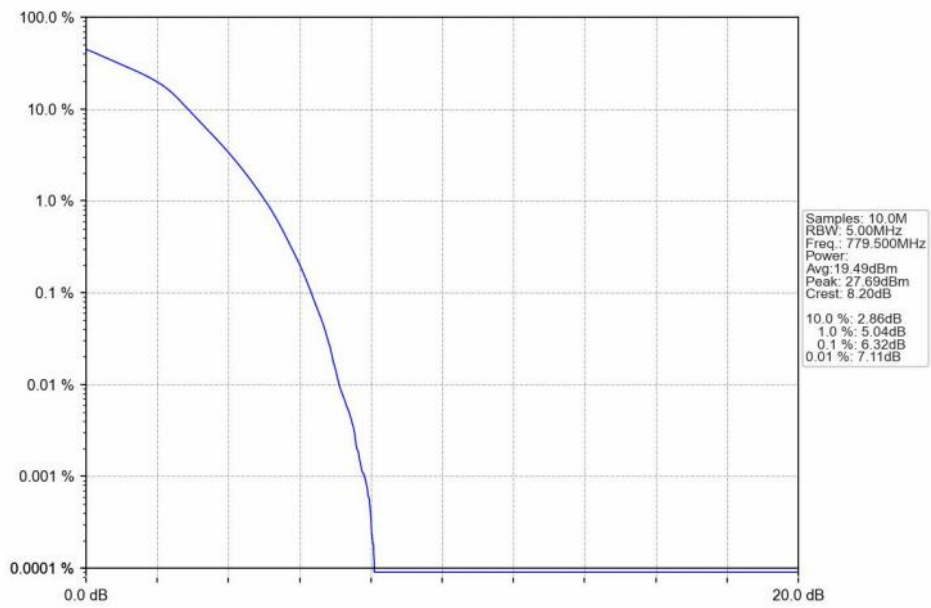
5.2.1 B13_5MHz



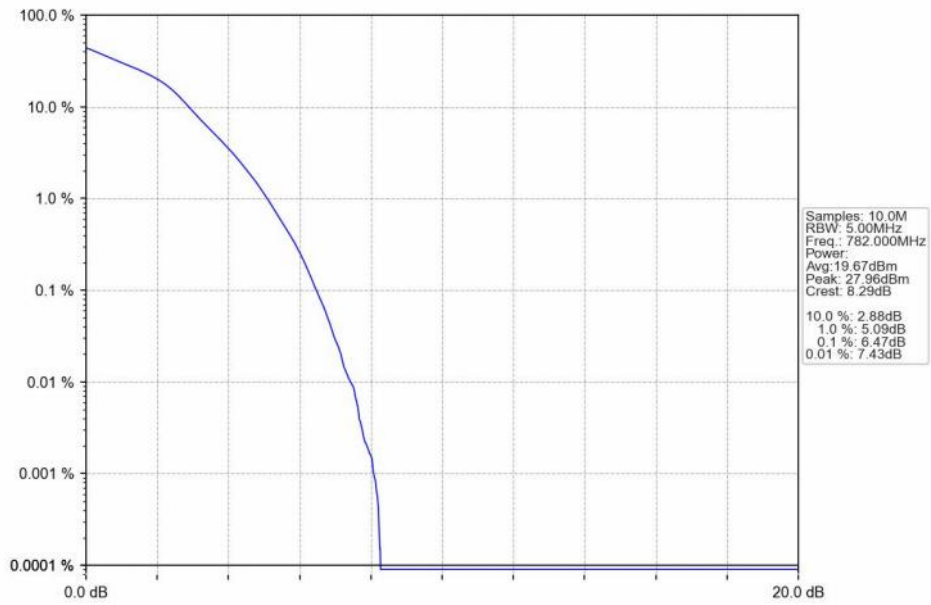
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



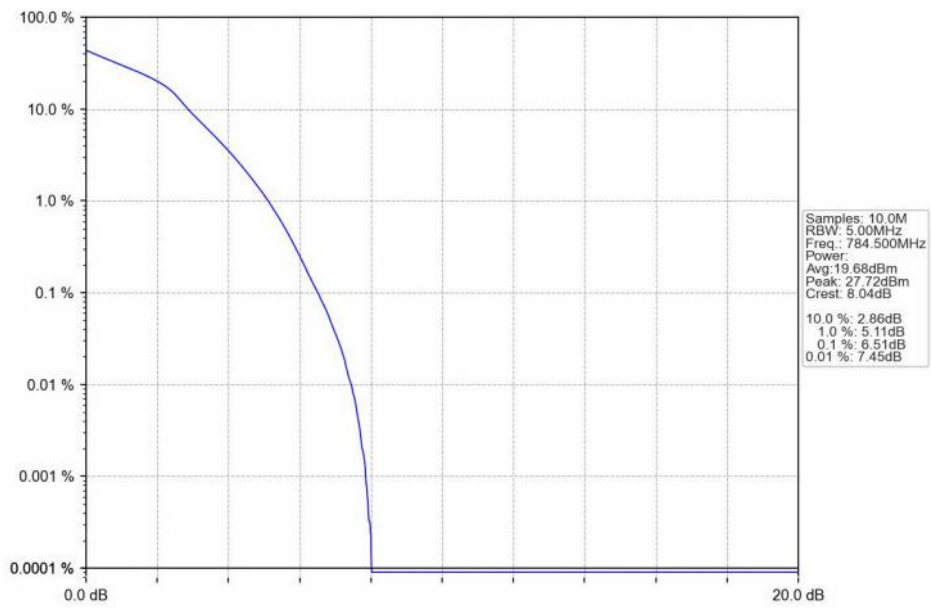
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



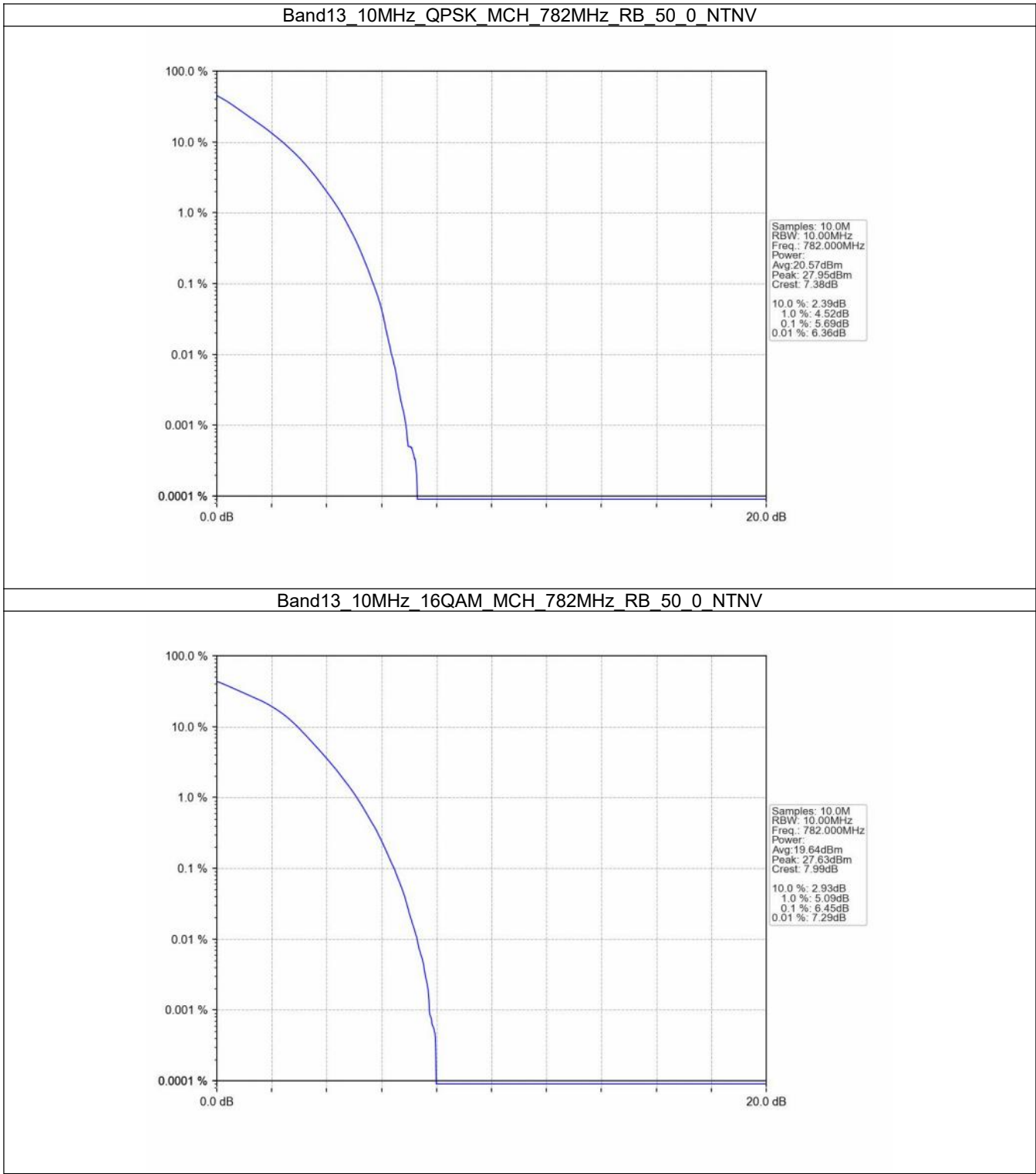
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



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

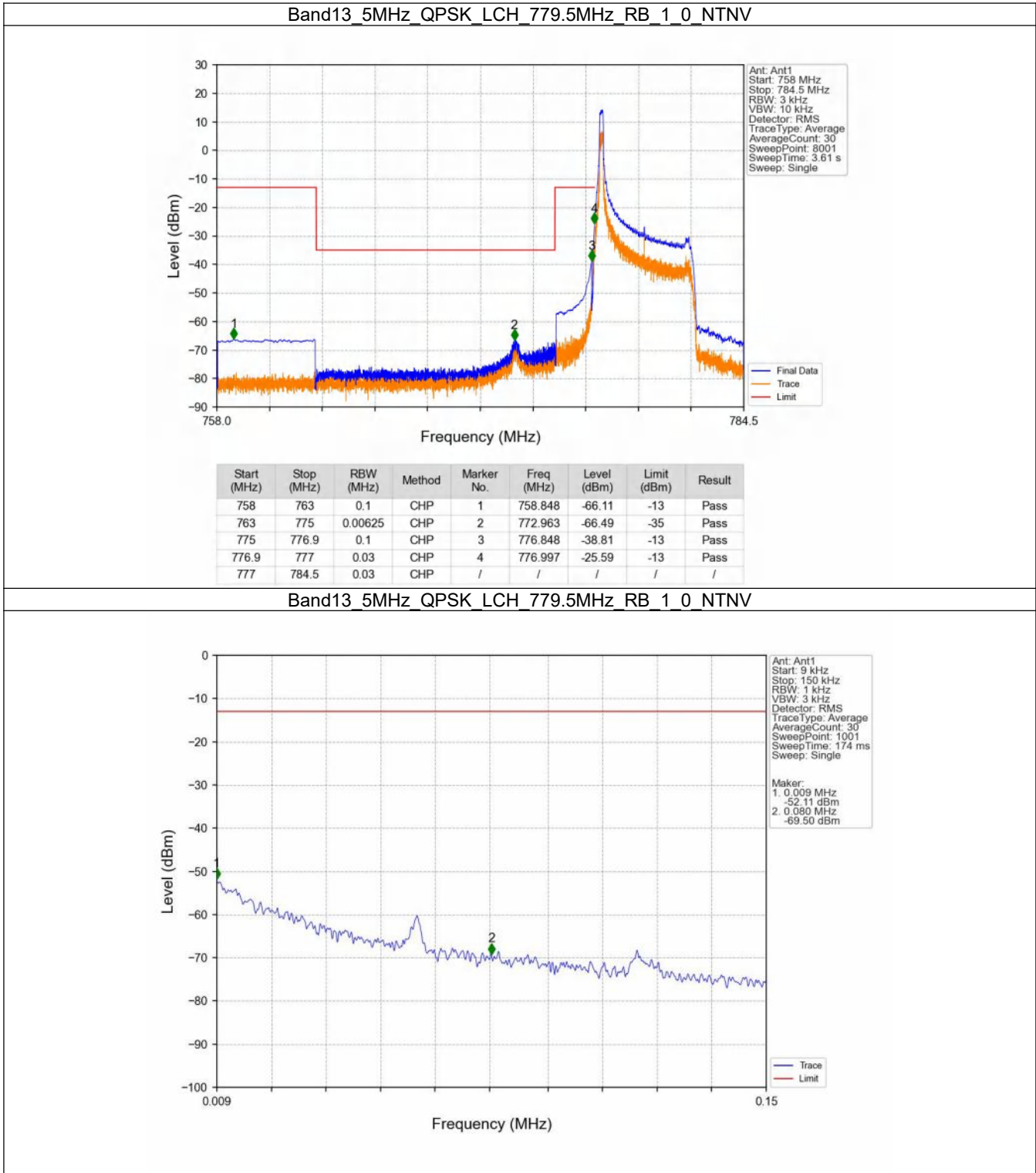
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	784.5	1	24	Refer To Test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

6.1.2 B13_10MHz

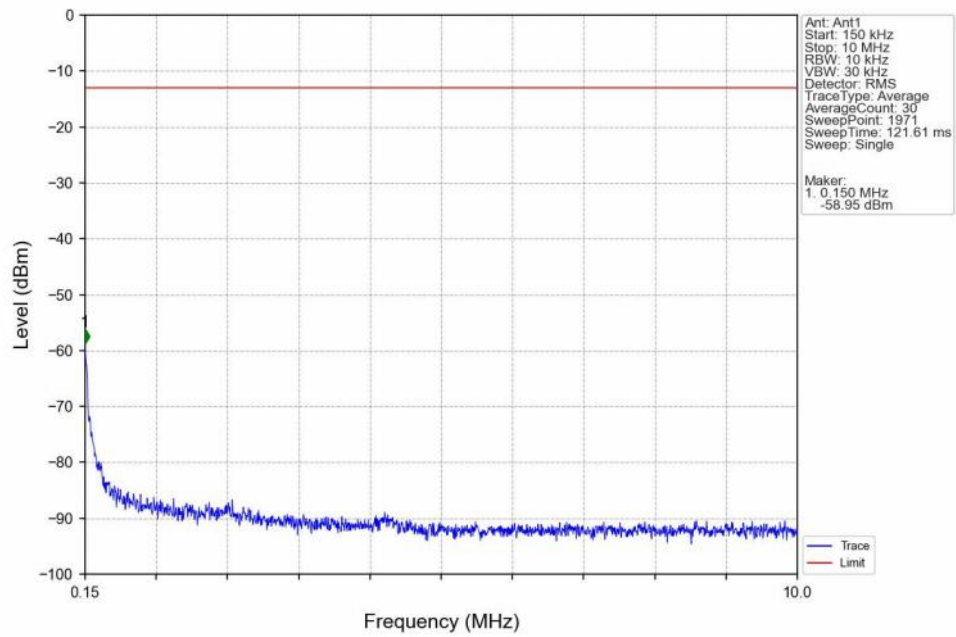
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

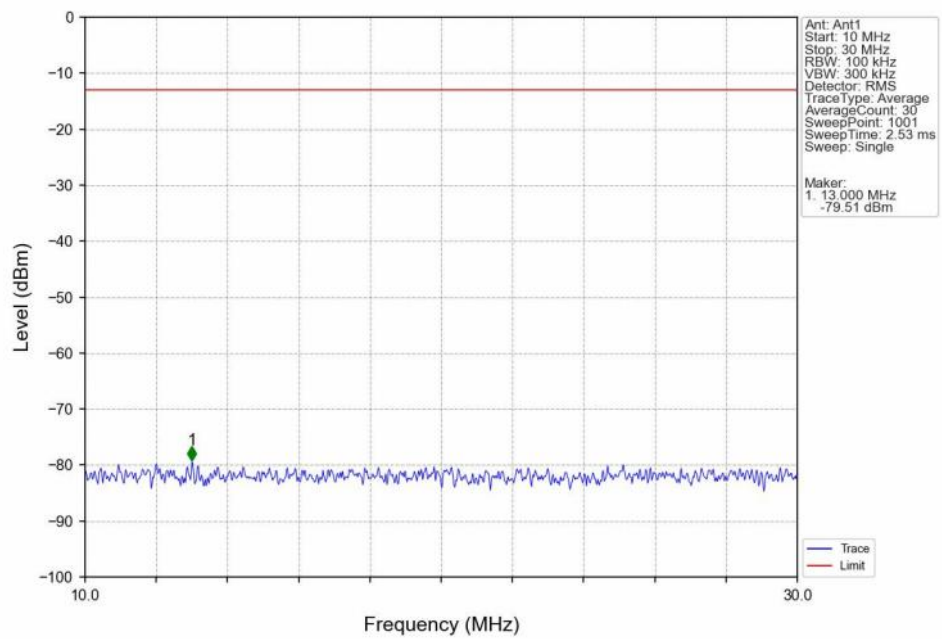
6.2.1 B13_5MHz



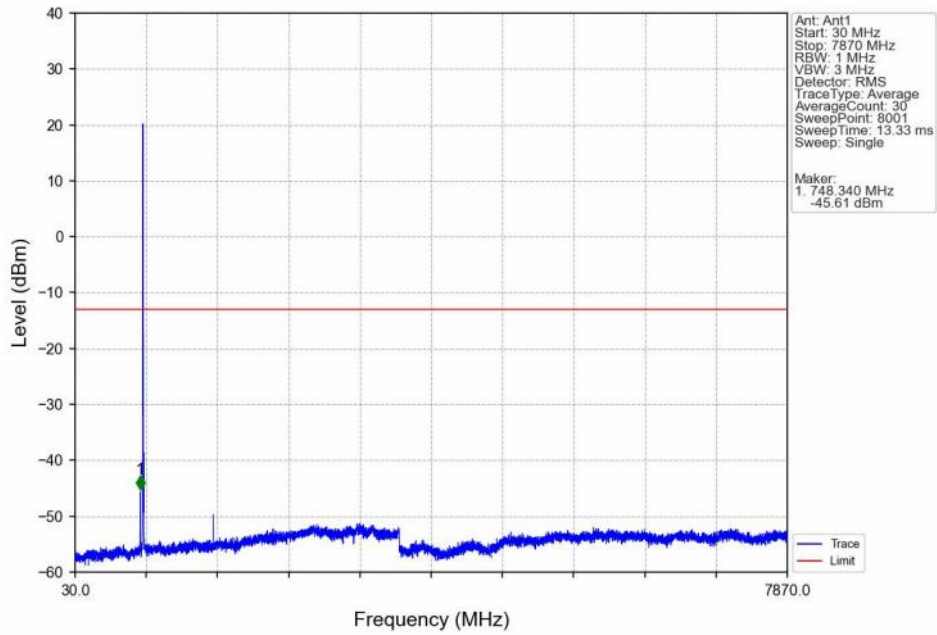
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



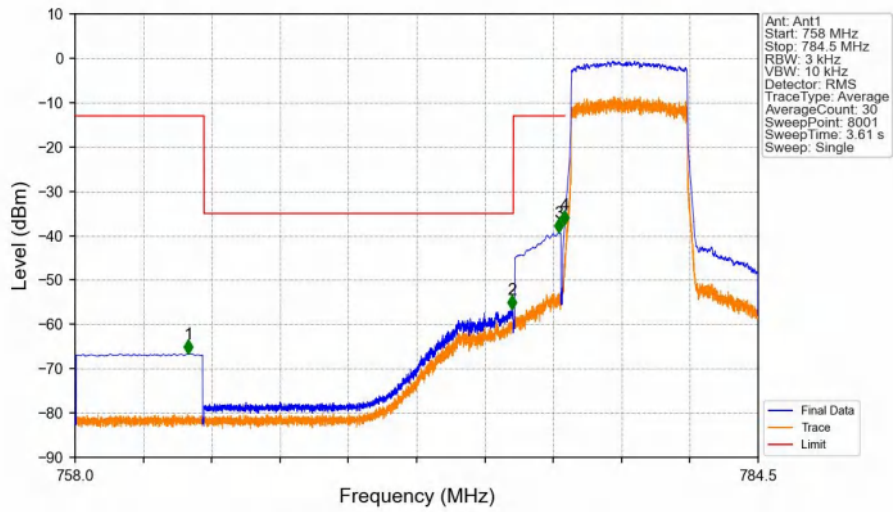
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

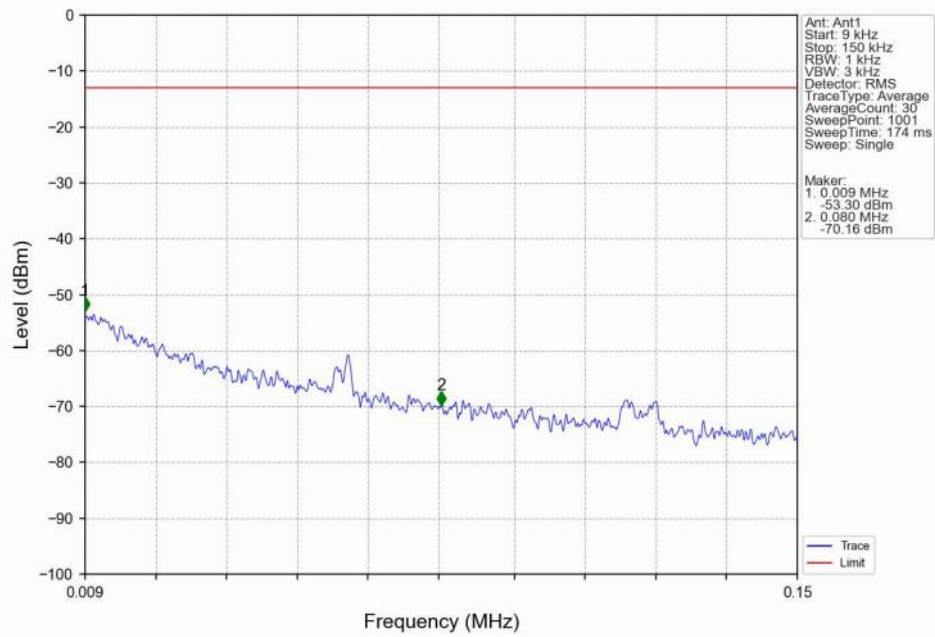


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

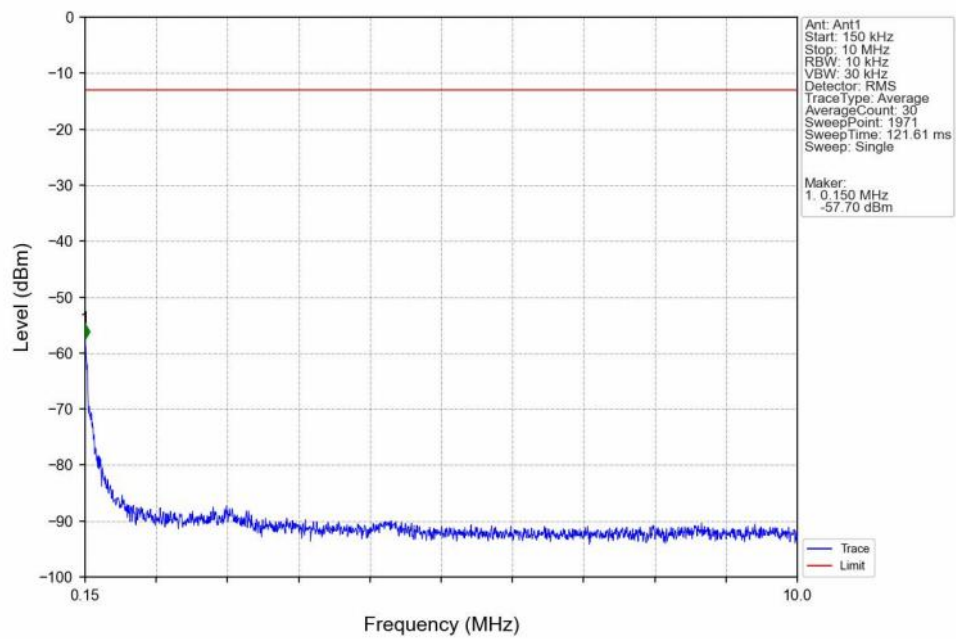


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.399	-66.59	-13	Pass
763	775	0.00625	CHP	2	774.937	-56.60	-35	Pass
775	776.9	0.1	CHP	3	776.759	-39.35	-13	Pass
776.9	777	0.03	CHP	4	776.997	-37.46	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

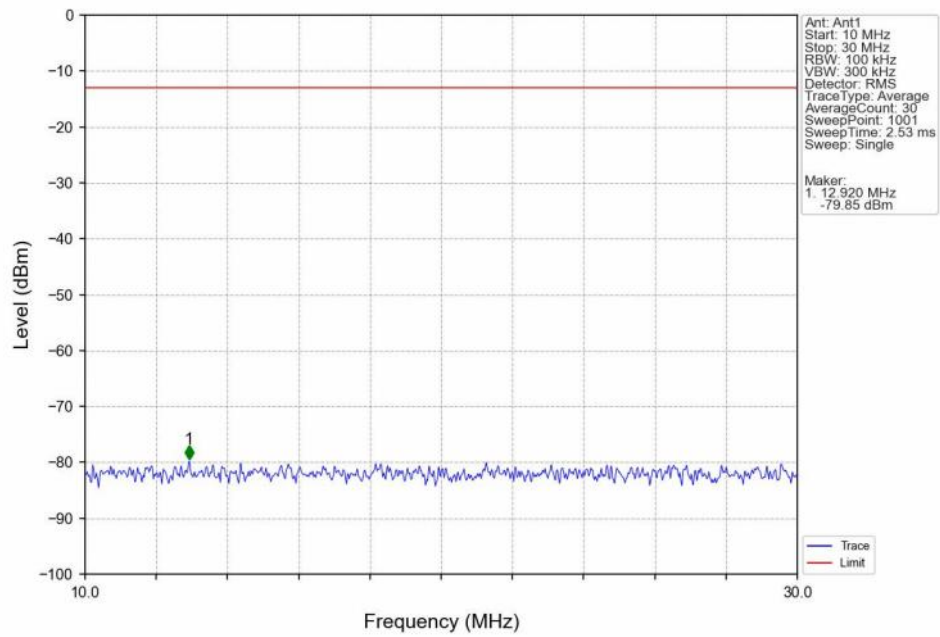
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



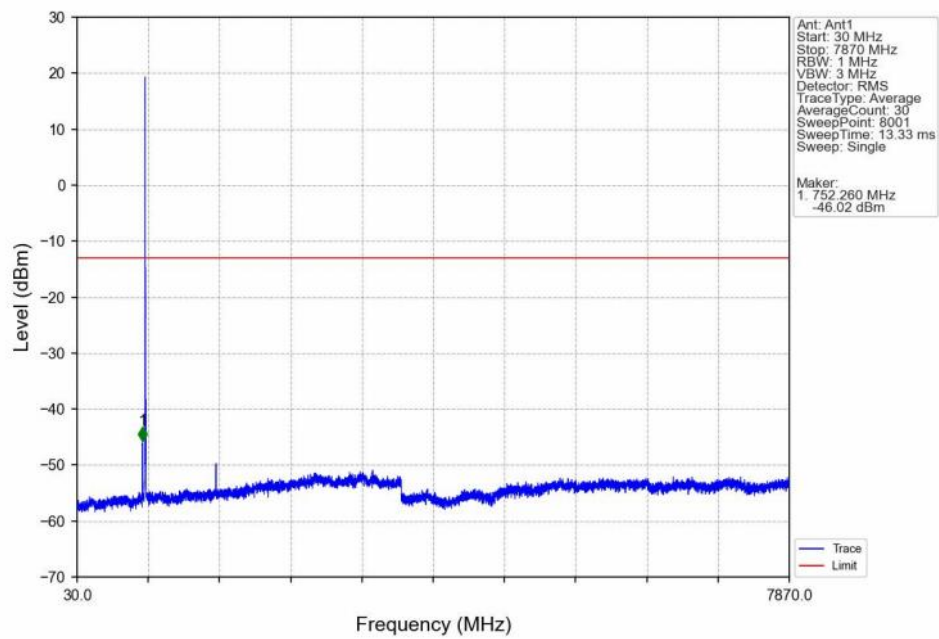
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



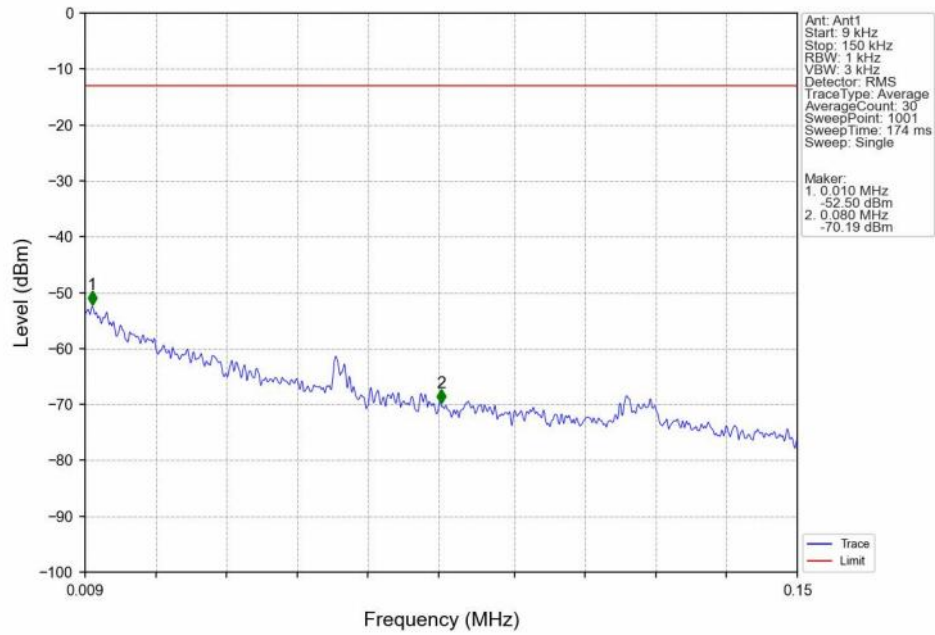
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



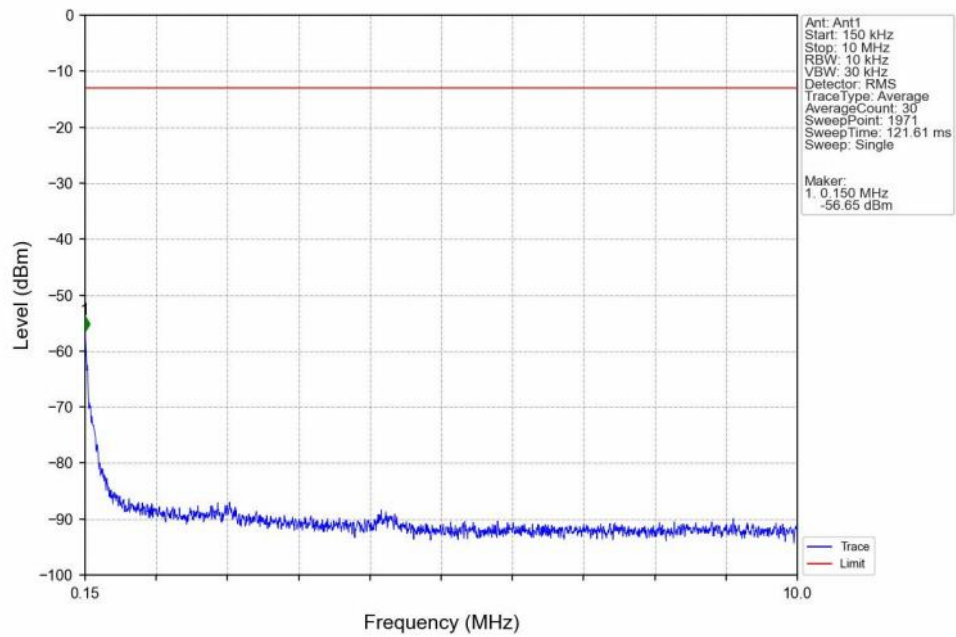
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



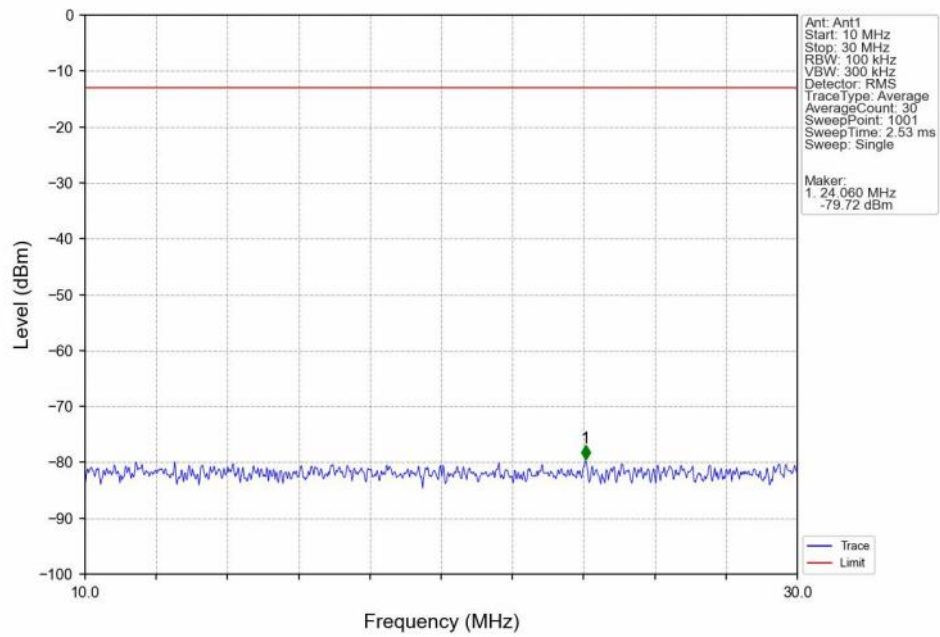
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



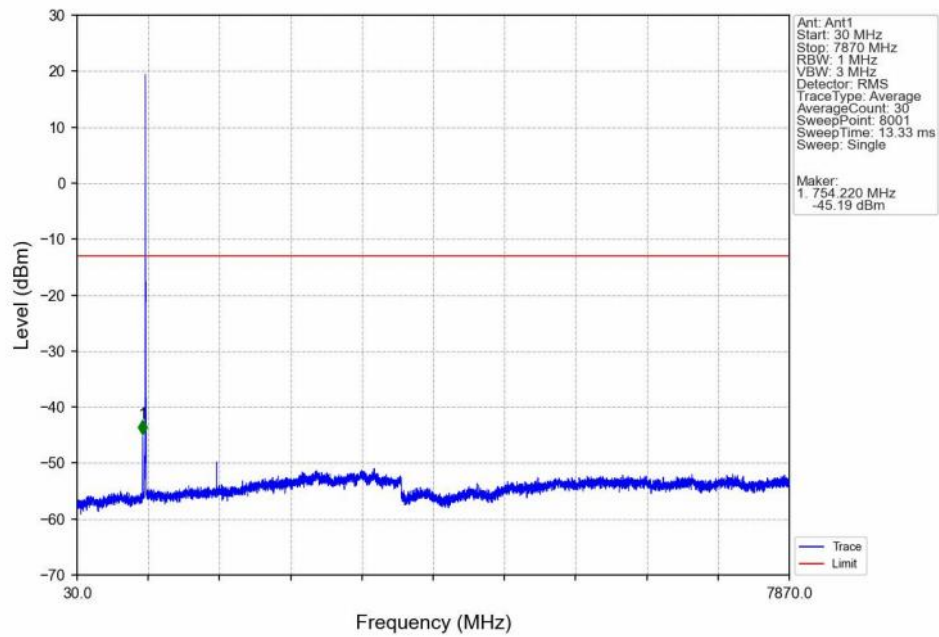
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



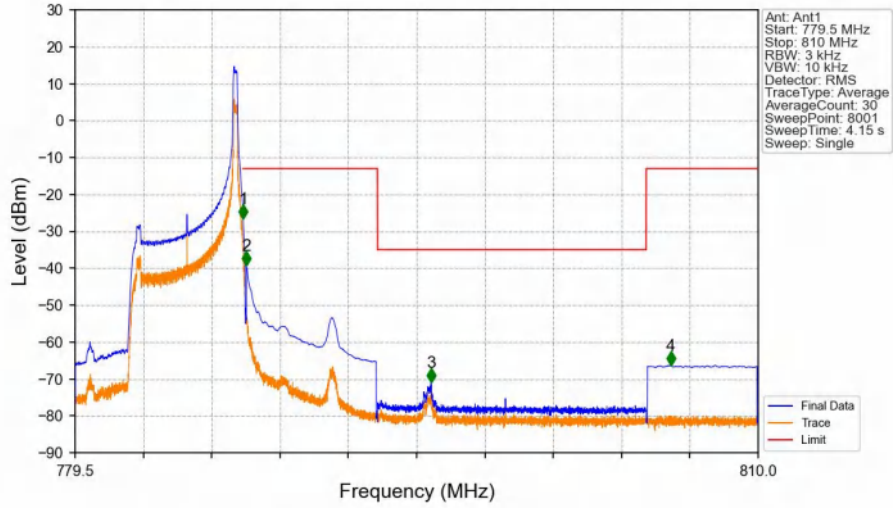
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

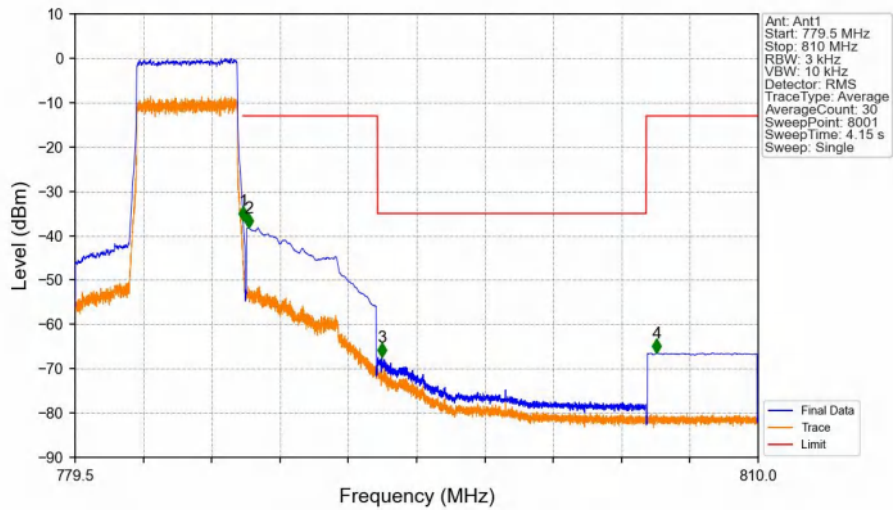


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



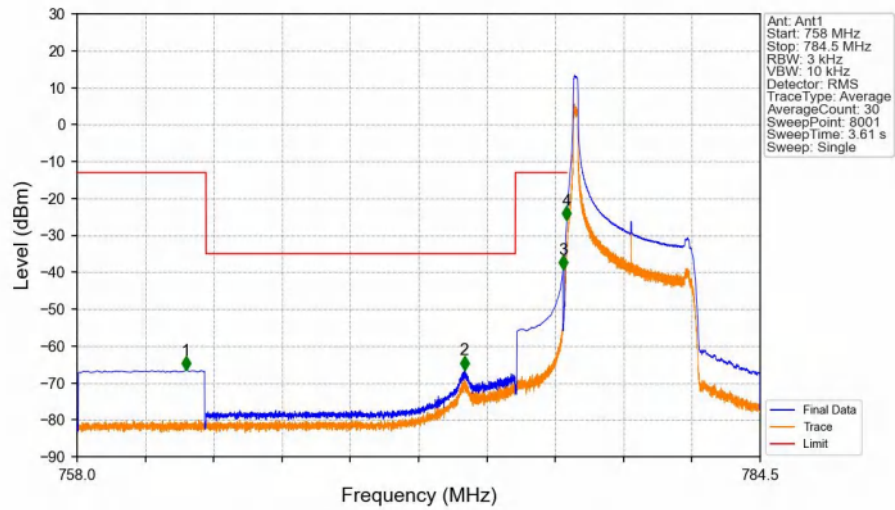
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-26.48	-13	Pass
787.1	793	0.1	CHP	2	787.152	-39.14	-13	Pass
793	805	0.00625	CHP	3	795.383	-70.97	-35	Pass
805	810	0.1	CHP	4	806.096	-66.31	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



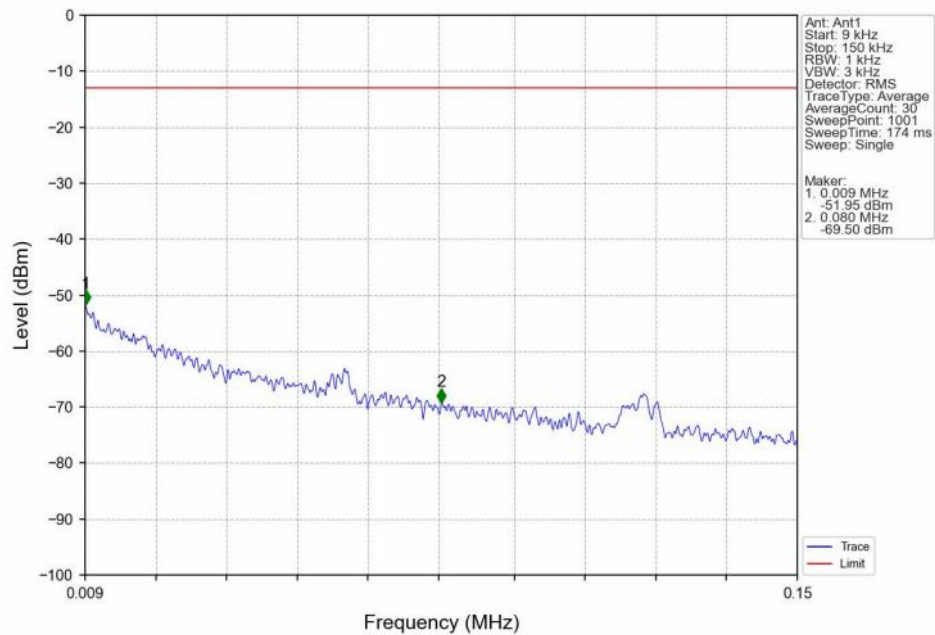
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-36.62	-13	Pass
787.1	793	0.1	CHP	2	787.251	-38.21	-13	Pass
793	805	0.00625	CHP	3	793.202	-67.35	-35	Pass
805	810	0.1	CHP	4	805.467	-66.45	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

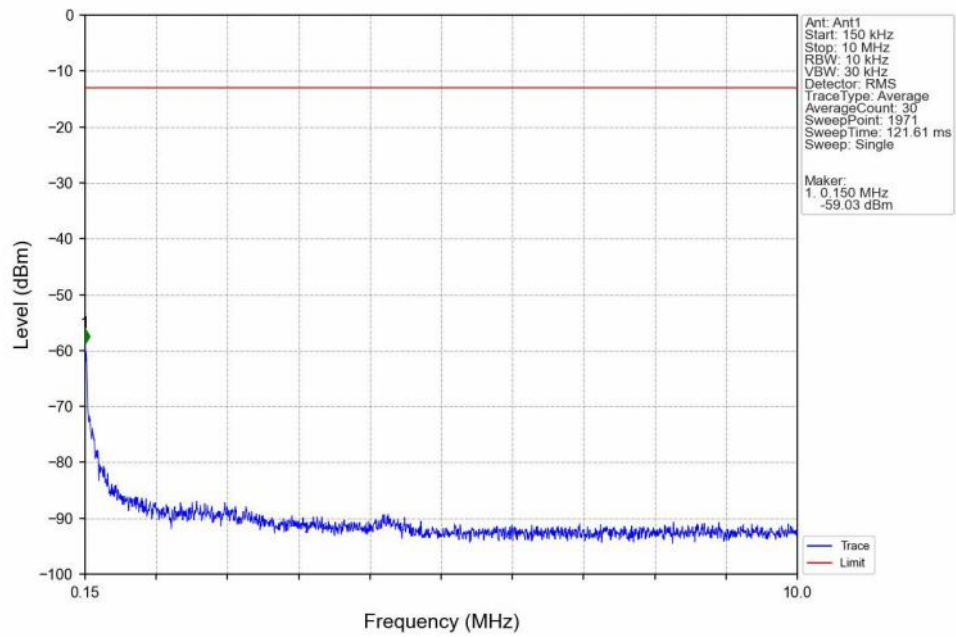


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.230	-66.57	-13	Pass
763	775	0.00625	CHP	2	773.025	-66.44	-35	Pass
775	776.9	0.1	CHP	3	776.848	-39.31	-13	Pass
776.9	777	0.03	CHP	4	776.997	-25.90	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

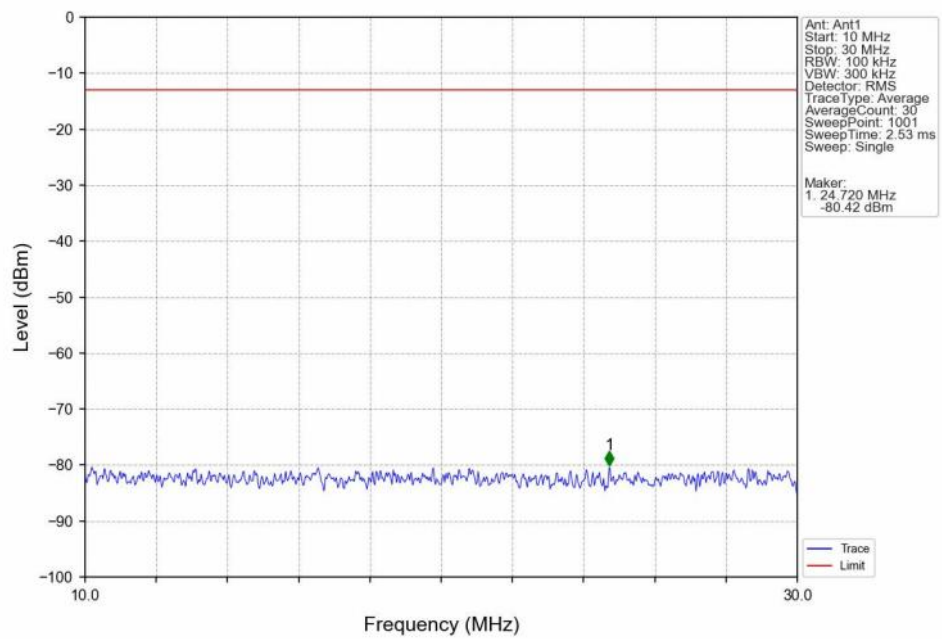
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



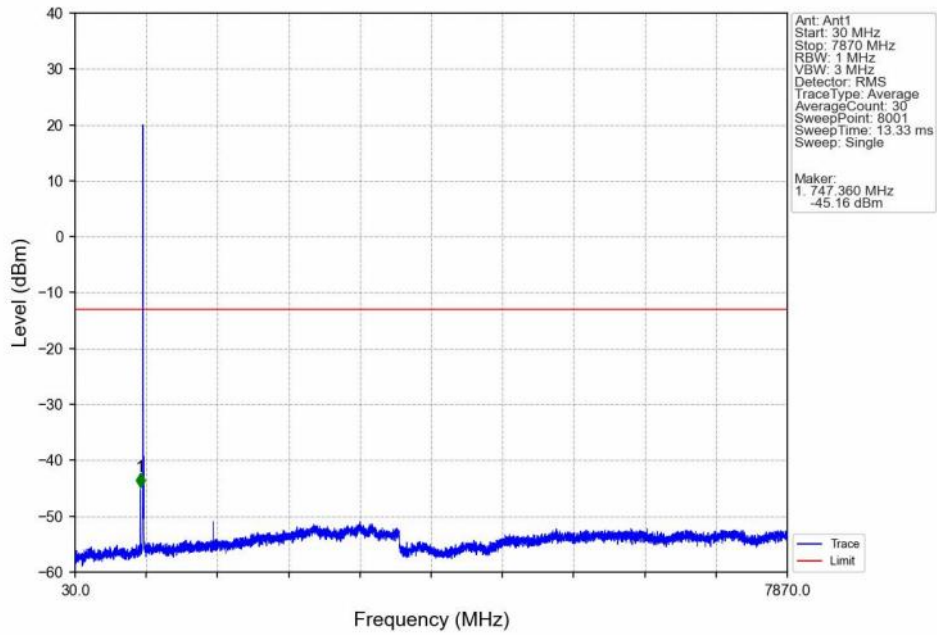
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



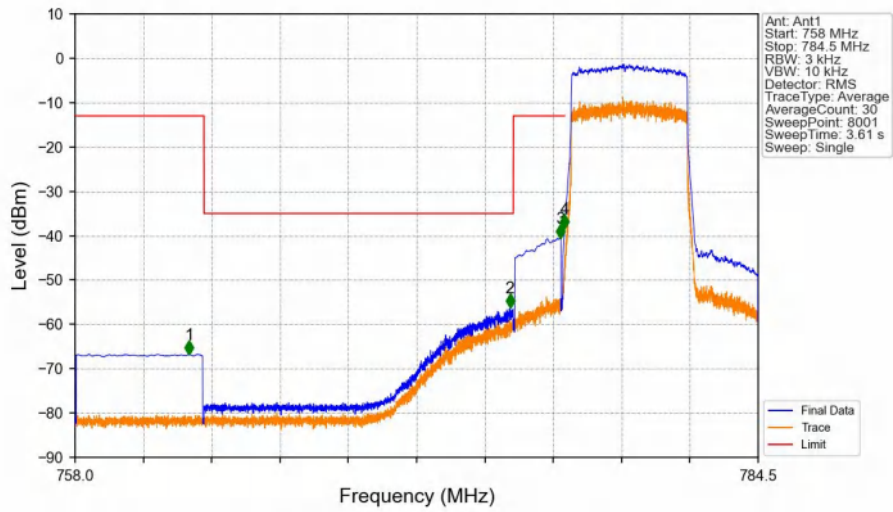
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

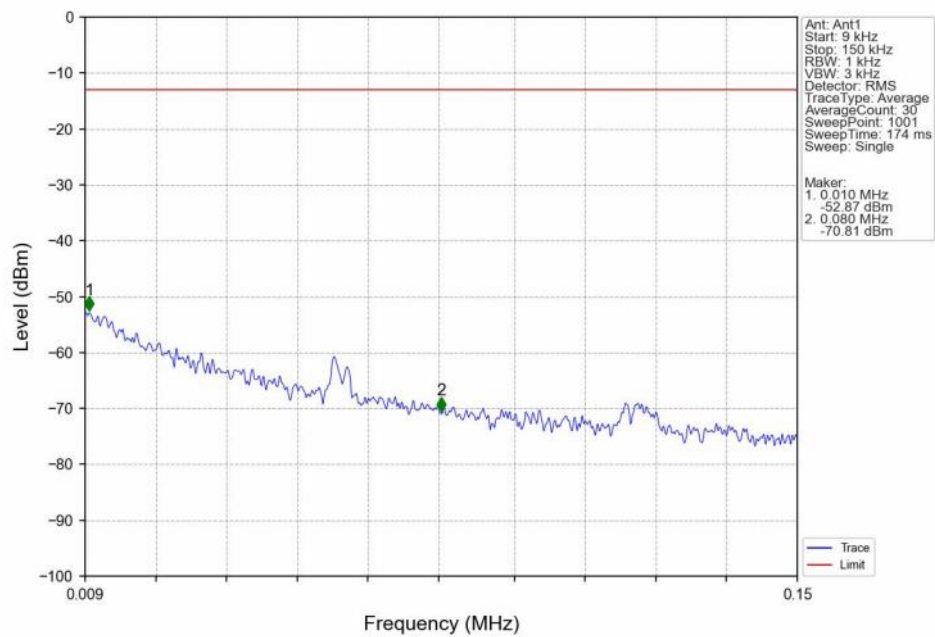


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

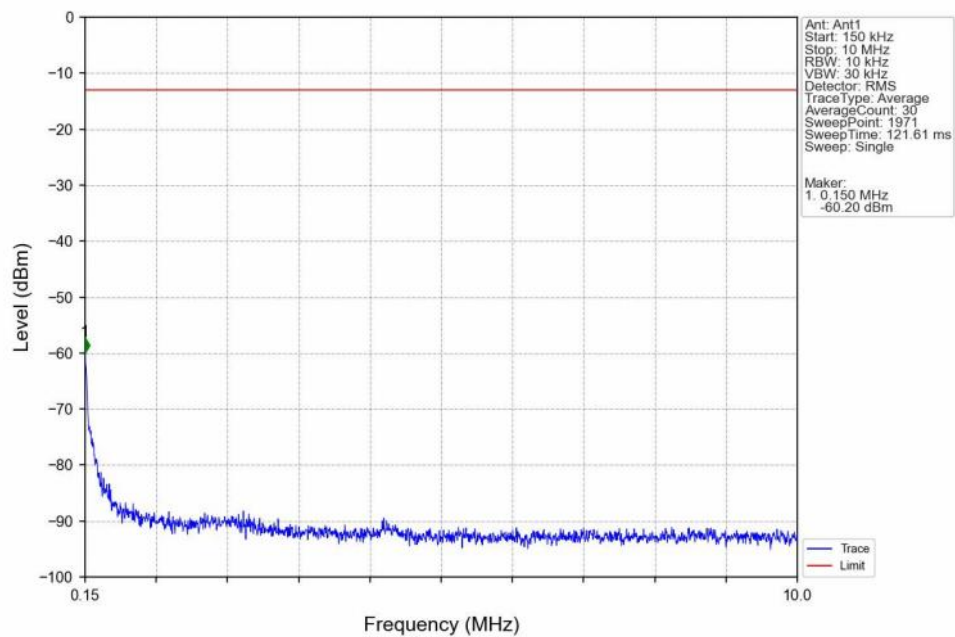


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.432	-66.75	-13	Pass
763	775	0.00625	CHP	2	774.871	-56.18	-35	Pass
775	776.9	0.1	CHP	3	776.825	-40.57	-13	Pass
776.9	777	0.03	CHP	4	776.997	-38.36	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

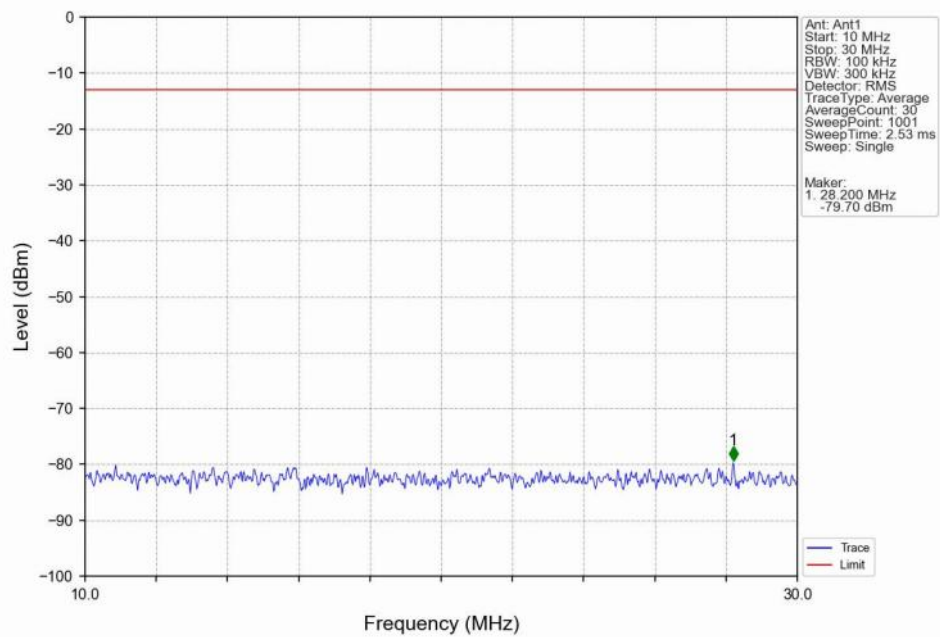
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



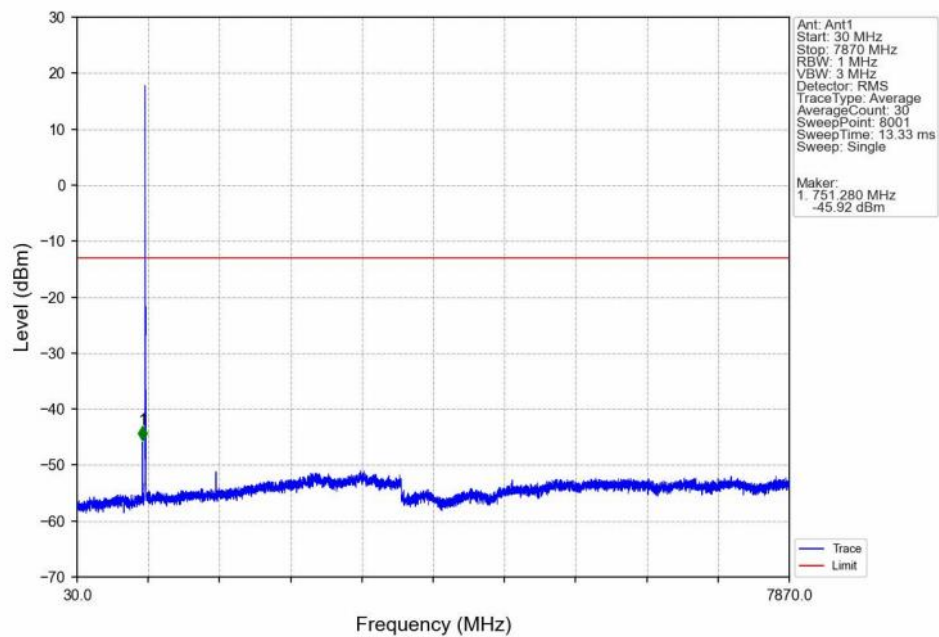
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



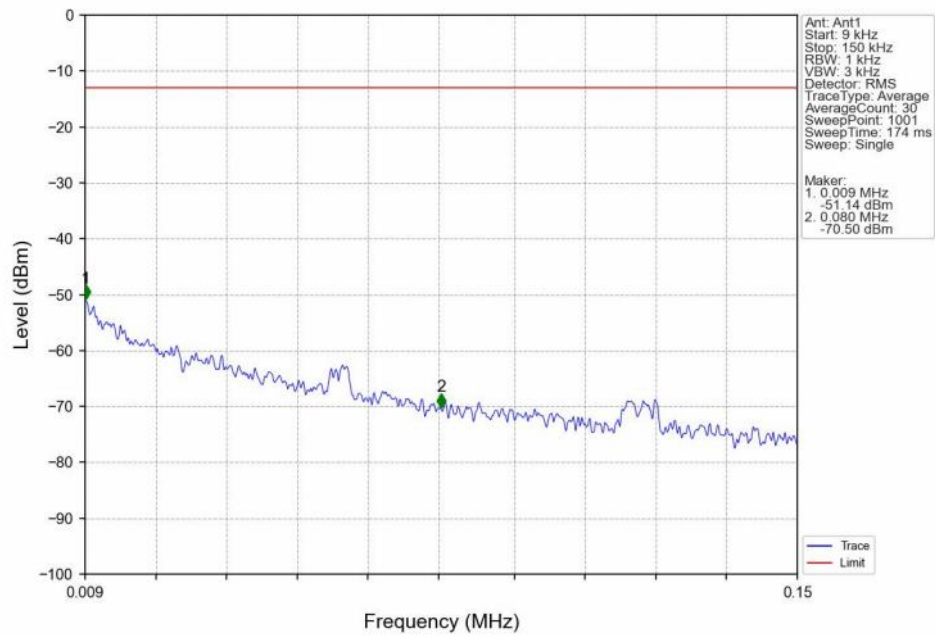
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



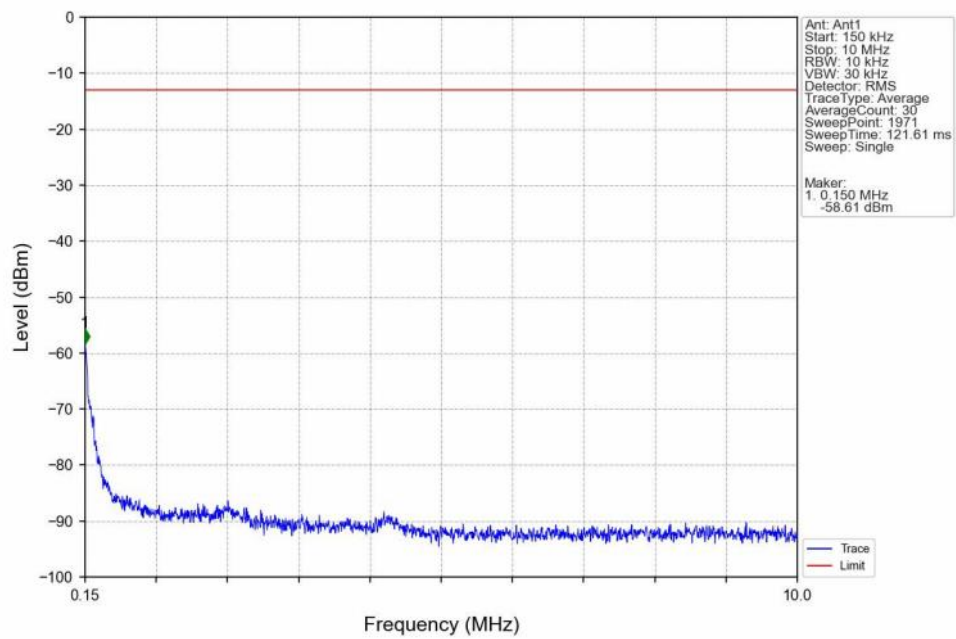
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



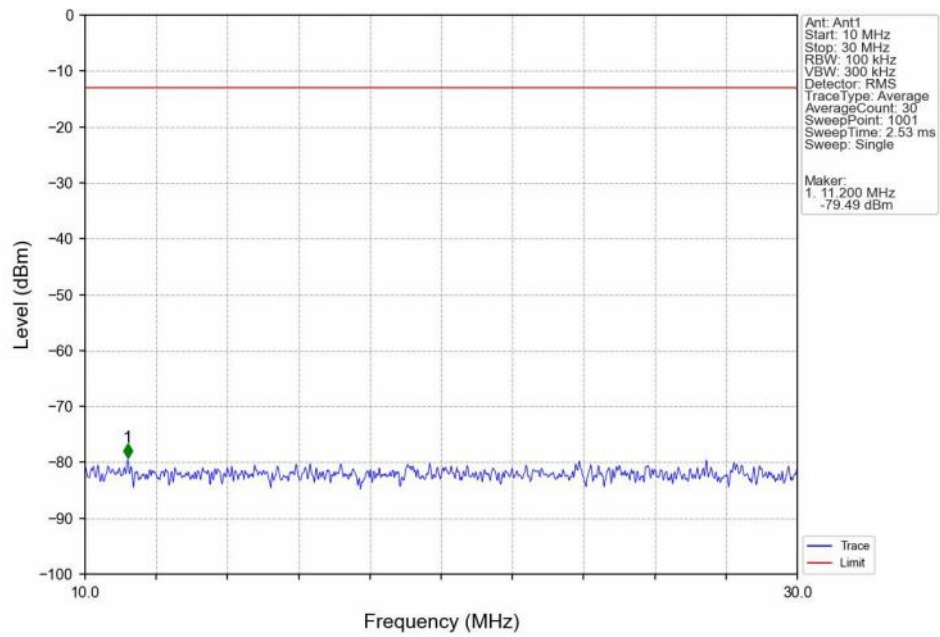
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



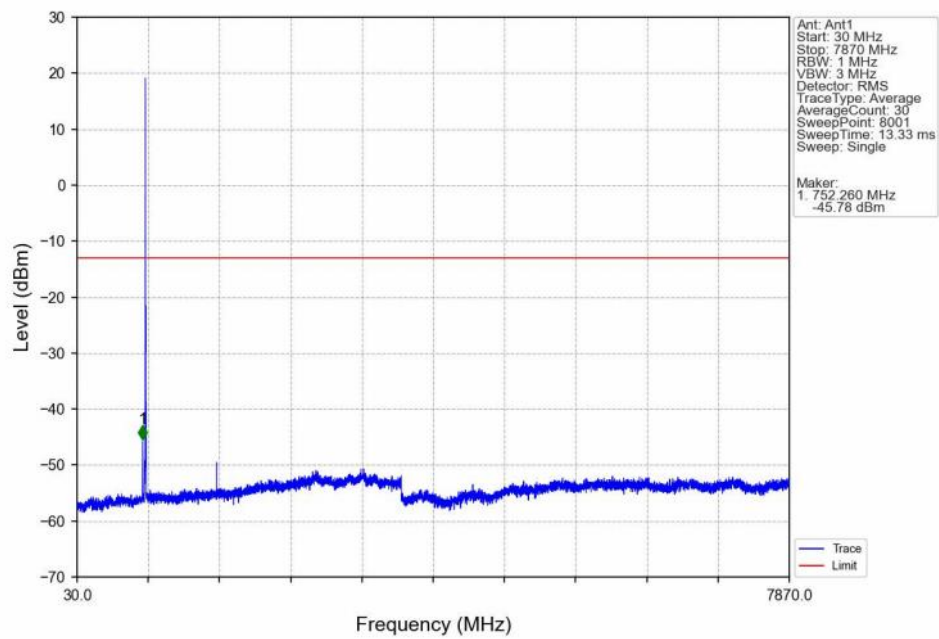
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



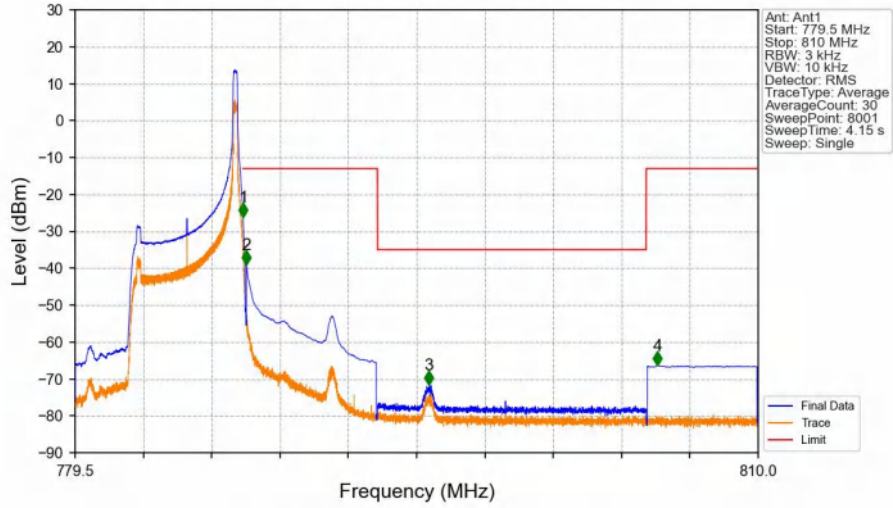
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

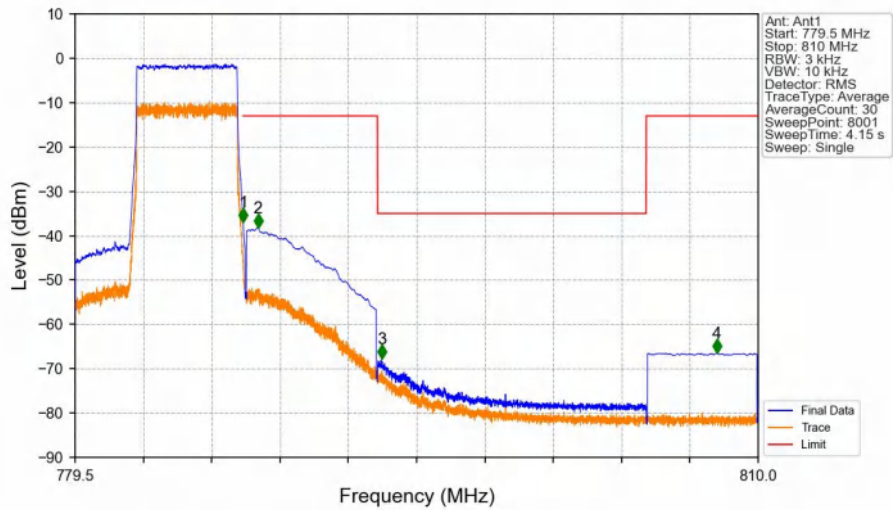


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



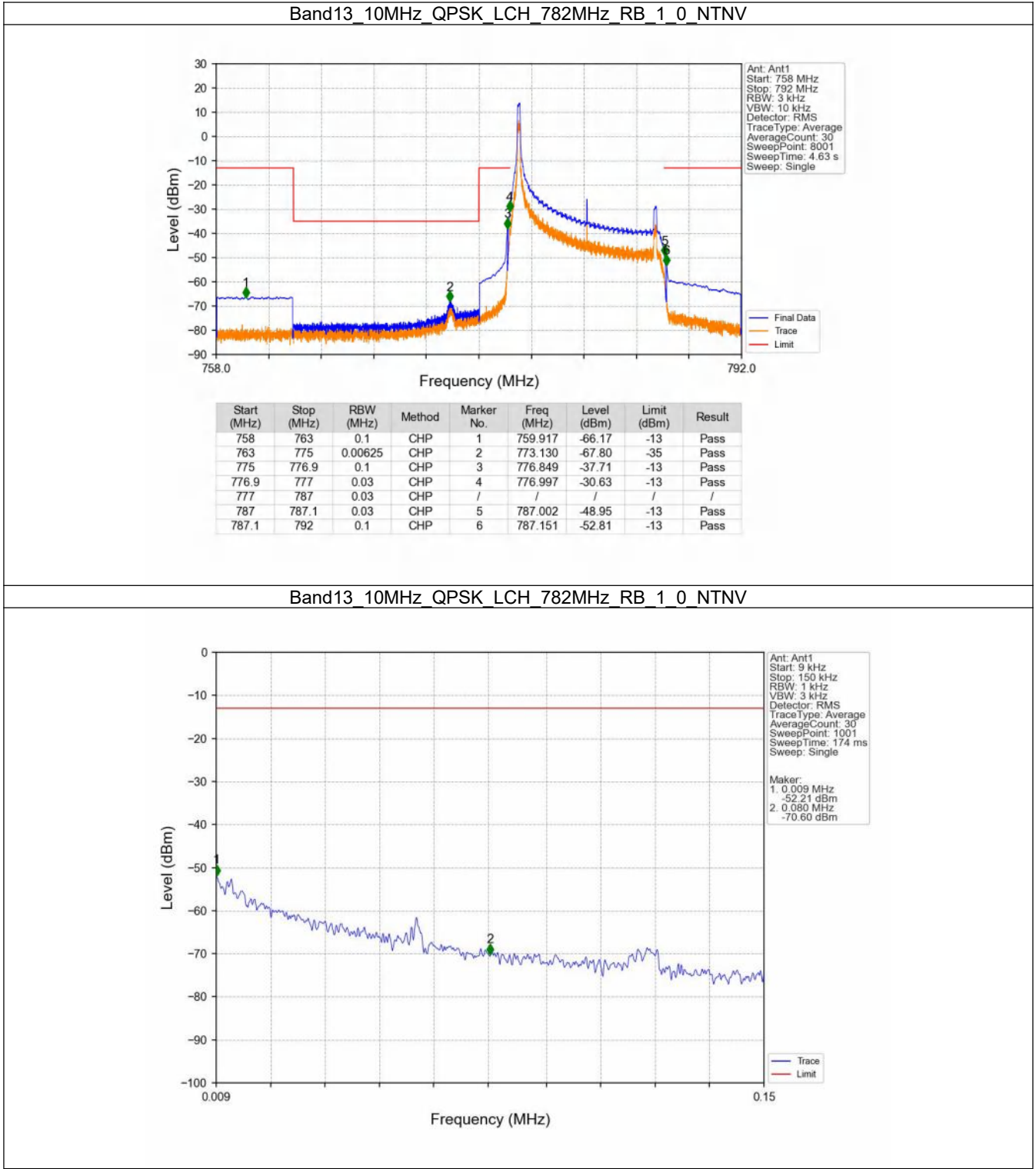
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-26.14	-13	Pass
787.1	793	0.1	CHP	2	787.152	-38.96	-13	Pass
793	805	0.00625	CHP	3	795.307	-71.51	-35	Pass
805	810	0.1	CHP	4	805.497	-66.32	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

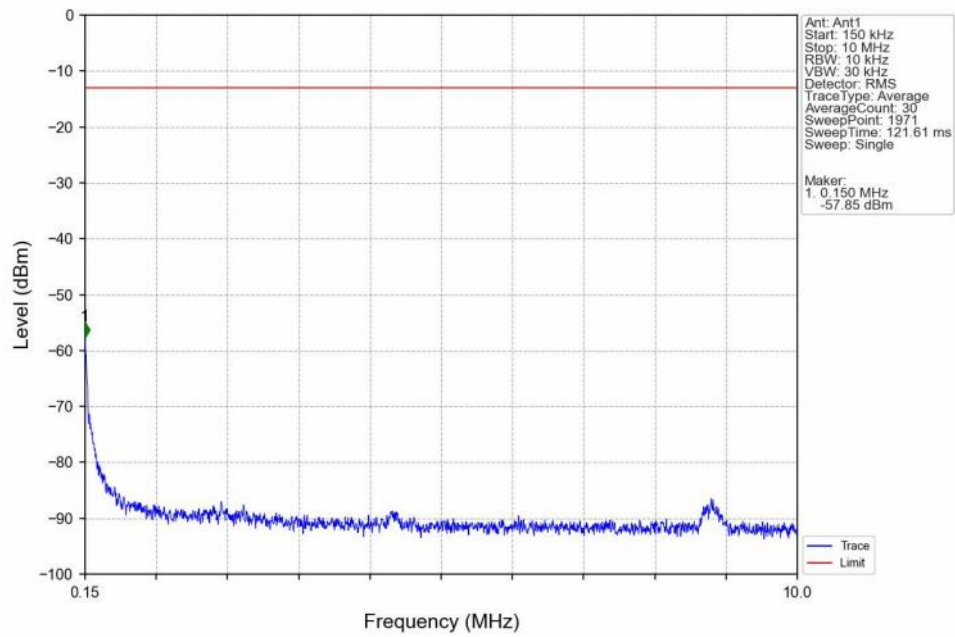


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-37.02	-13	Pass
787.1	793	0.1	CHP	2	787.666	-38.15	-13	Pass
793	805	0.00625	CHP	3	793.187	-67.78	-35	Pass
805	810	0.1	CHP	4	808.147	-66.47	-13	Pass

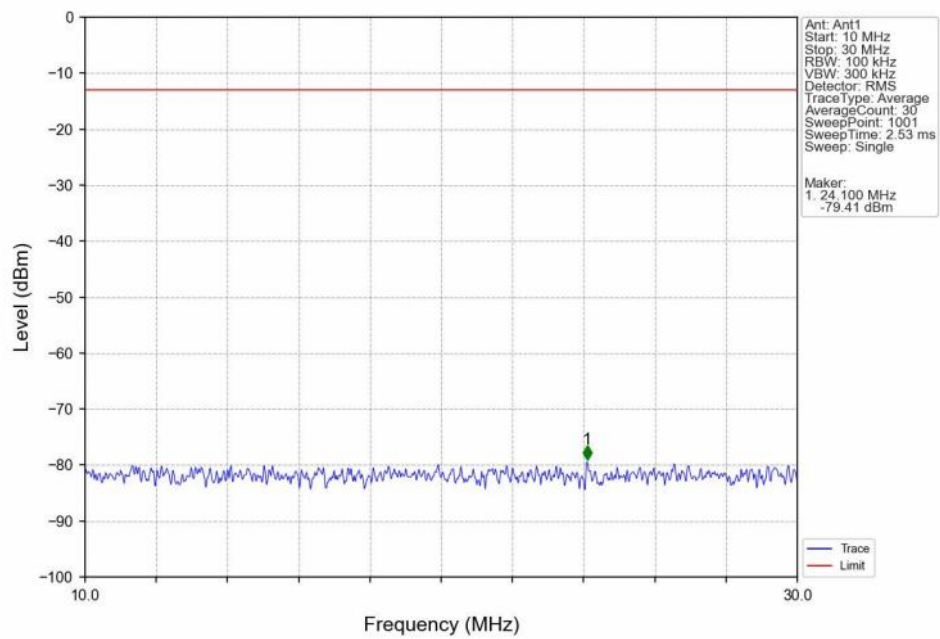
6.2.2 B13_10MHz



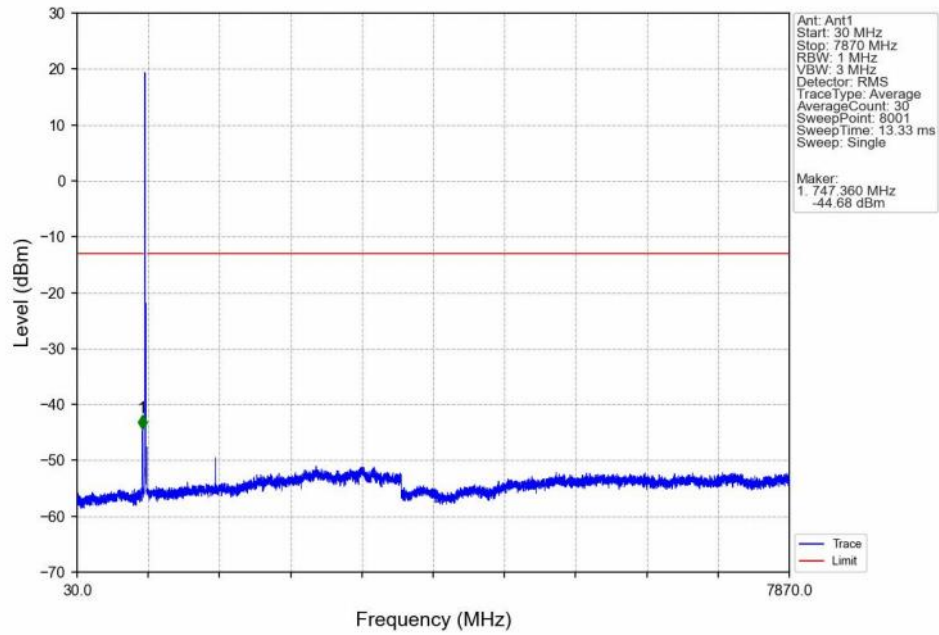
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



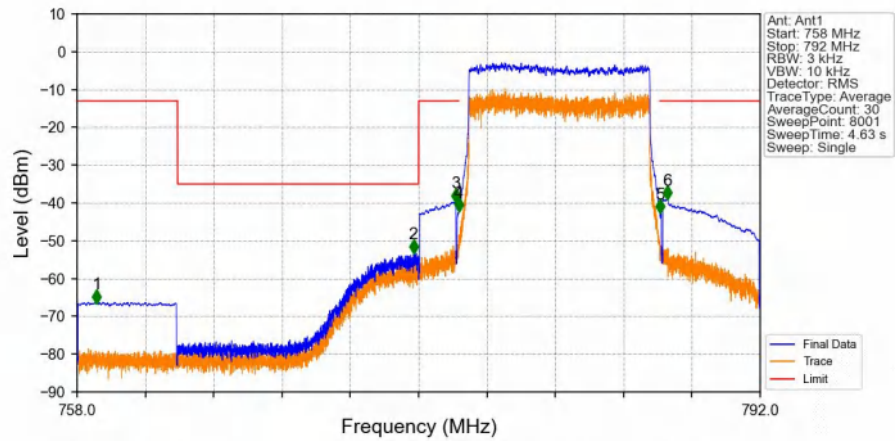
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

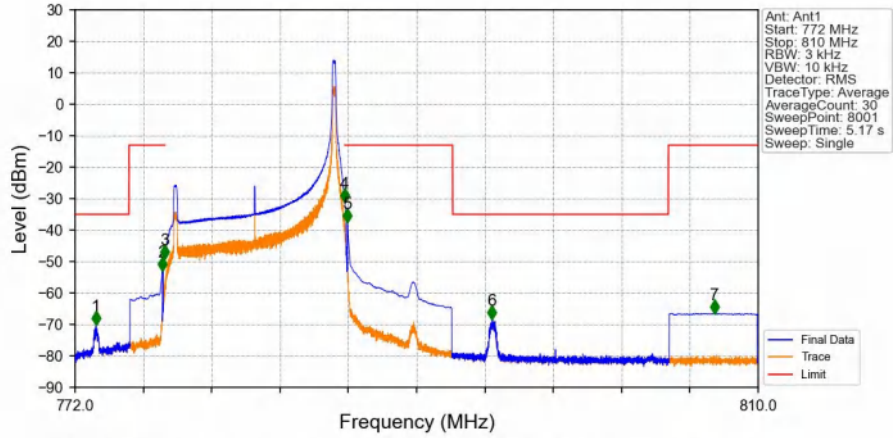


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



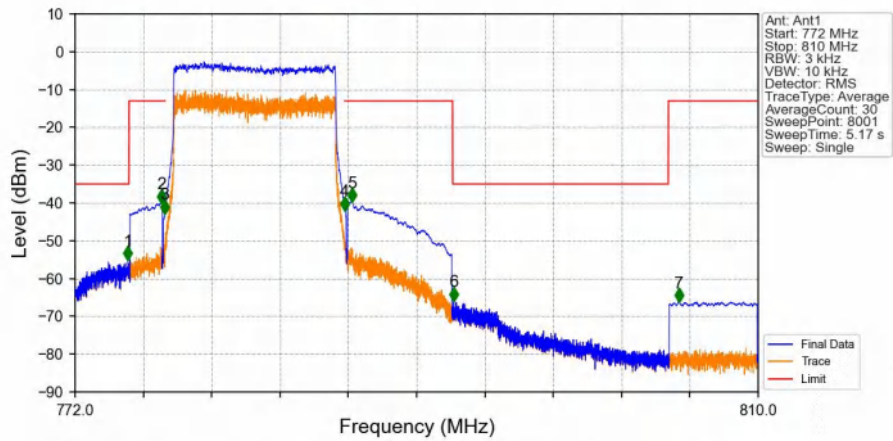
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.969	-66.27	-13	Pass
763	775	0.00625	CHP	2	774.745	-53.04	-35	Pass
775	776.9	0.1	CHP	3	776.832	-39.57	-13	Pass
776.9	777	0.03	CHP	4	776.997	-42.01	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-42.54	-13	Pass
787.1	792	0.1	CHP	6	787.372	-38.90	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



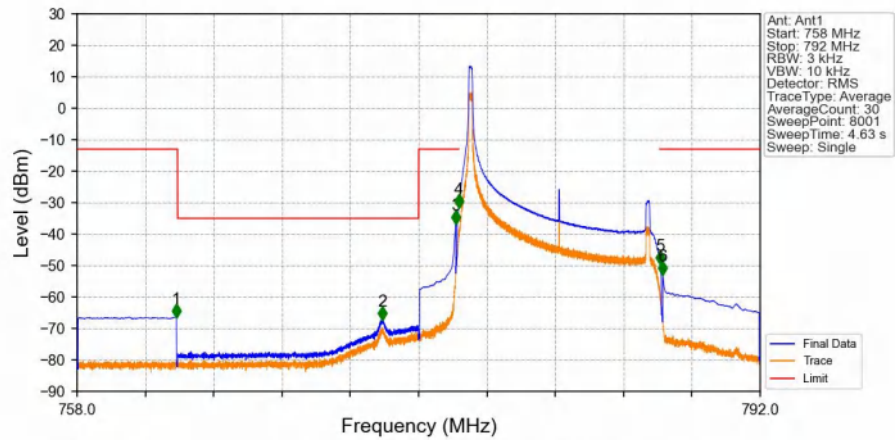
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.164	-69.82	-35	Pass
775	776.9	0.1	CHP	2	776.850	-52.69	-13	Pass
776.9	777	0.03	CHP	3	776.997	-48.81	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-30.95	-13	Pass
787.1	793	0.1	CHP	5	787.153	-37.38	-13	Pass
793	805	0.00625	CHP	6	795.194	-68.03	-35	Pass
805	810	0.1	CHP	7	807.568	-66.34	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



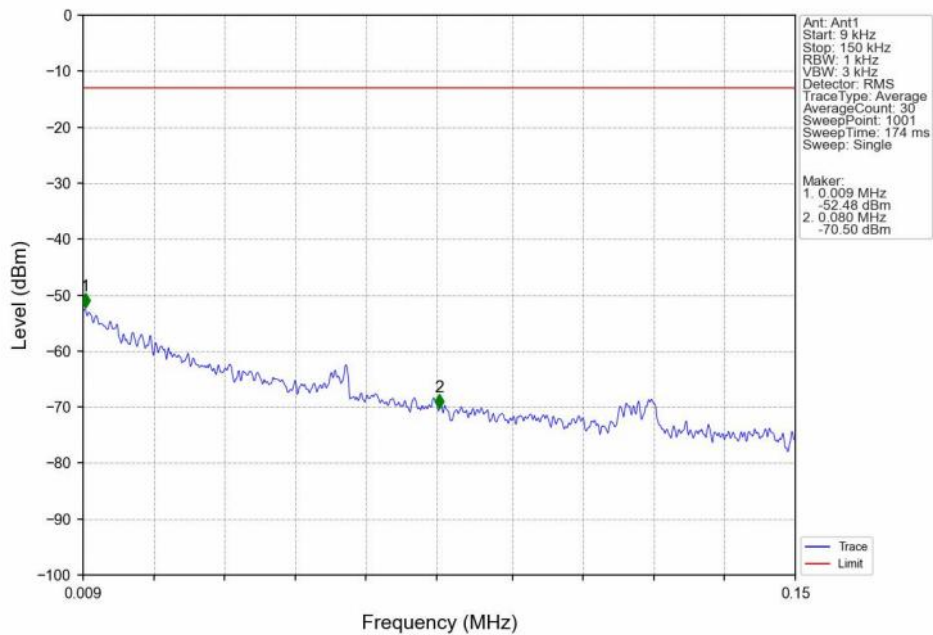
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.940	-54.92	-35	Pass
775	776.9	0.1	CHP	2	776.802	-39.82	-13	Pass
776.9	777	0.03	CHP	3	776.997	-42.60	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-41.71	-13	Pass
787.1	793	0.1	CHP	5	787.385	-39.50	-13	Pass
793	805	0.00625	CHP	6	793.062	-65.65	-35	Pass
805	810	0.1	CHP	7	805.578	-66.03	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

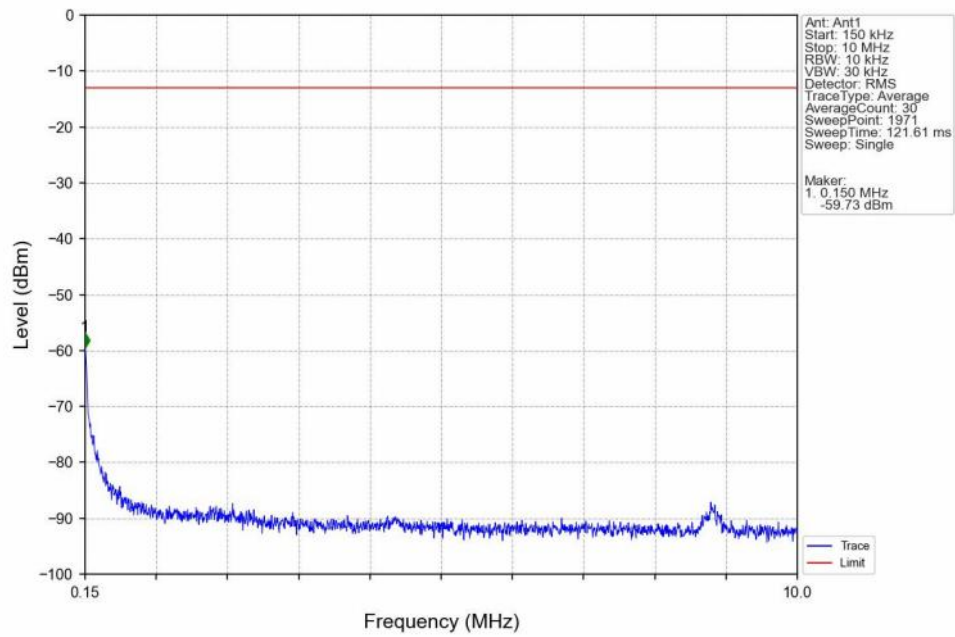


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.926	-66.36	-13	Pass
763	775	0.00625	CHP	2	773.189	-67.14	-35	Pass
775	776.9	0.1	CHP	3	776.849	-36.62	-13	Pass
776.9	777	0.03	CHP	4	776.997	-31.41	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-49.29	-13	Pass
787.1	792	0.1	CHP	6	787.151	-52.66	-13	Pass

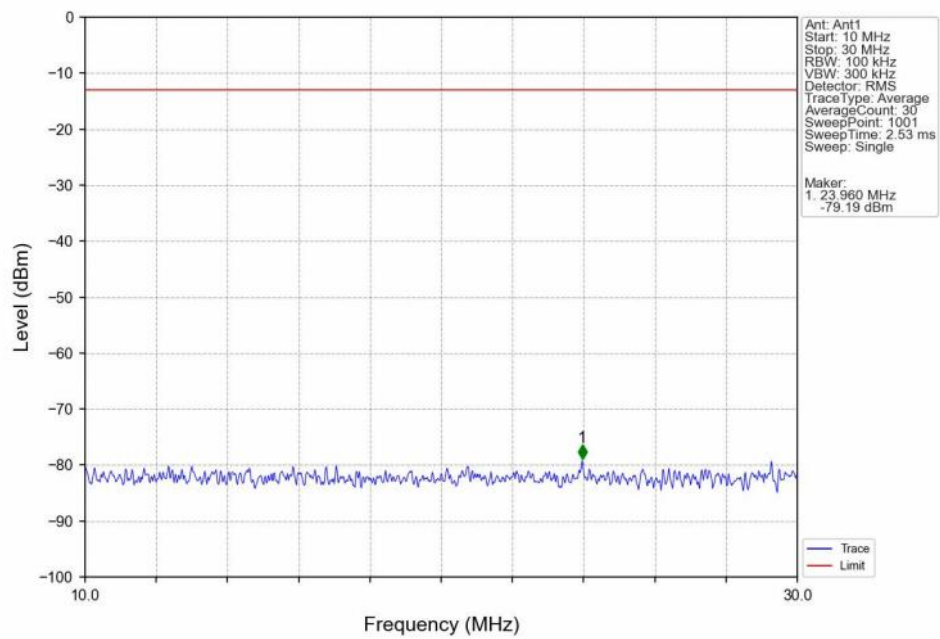
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



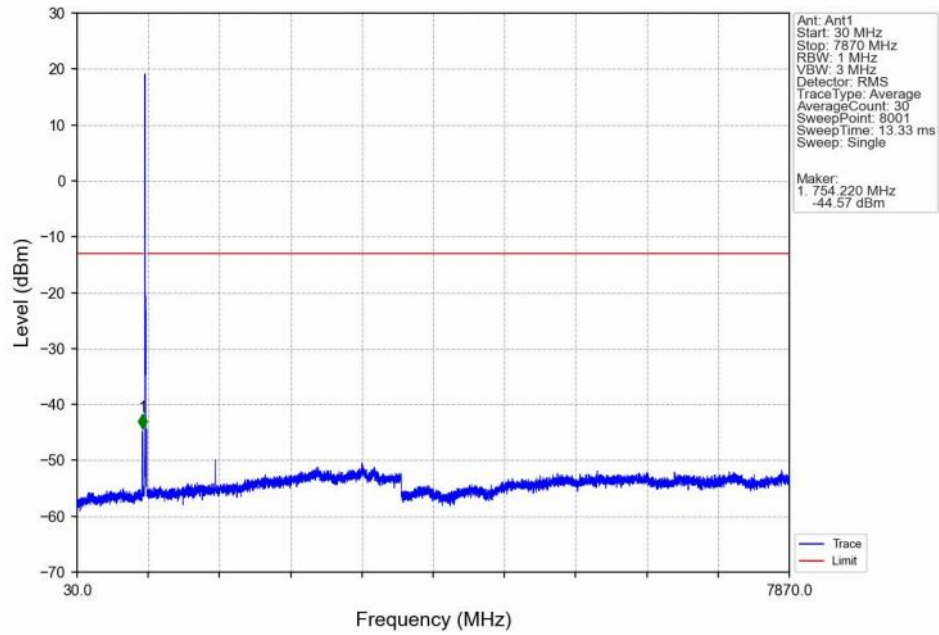
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



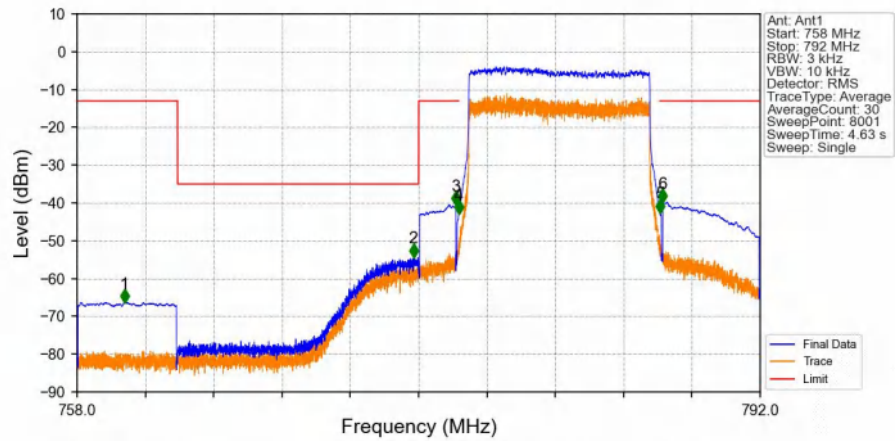
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

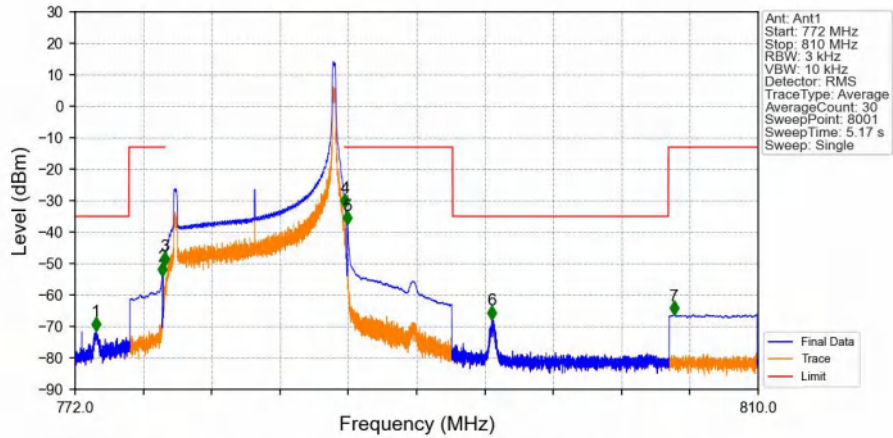


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



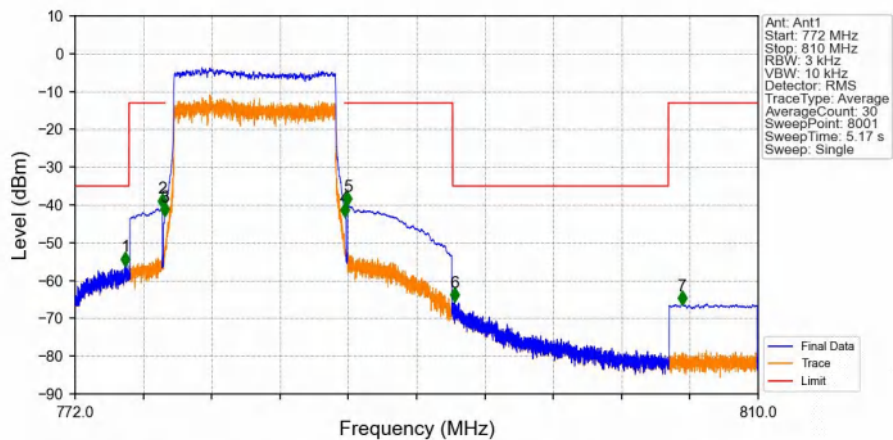
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.367	-66.23	-13	Pass
763	775	0.00625	CHP	2	774.745	-54.10	-35	Pass
775	776.9	0.1	CHP	3	776.845	-40.29	-13	Pass
776.9	777	0.03	CHP	4	776.997	-42.73	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-42.37	-13	Pass
787.1	792	0.1	CHP	6	787.151	-39.74	-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	773.164	-71.02	-35	Pass
775	776.9	0.1	CHP	2	776.850	-53.61	-13	Pass
776.9	777	0.03	CHP	3	776.992	-50.28	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.005	-31.79	-13	Pass
787.1	793	0.1	CHP	5	787.153	-37.30	-13	Pass
793	805	0.00625	CHP	6	795.189	-67.46	-35	Pass
805	810	0.1	CHP	7	805.336	-66.07	-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	774.807	-55.79	-35	Pass
775	776.9	0.1	CHP	2	776.850	-40.43	-13	Pass
776.9	777	0.03	CHP	3	776.997	-42.63	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-42.83	-13	Pass
787.1	793	0.1	CHP	5	787.157	-39.87	-13	Pass
793	805	0.00625	CHP	6	793.104	-65.37	-35	Pass
805	810	0.1	CHP	7	805.763	-66.13	-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	0.1315	0.0627	ppm	4M56G7D	27F	21.19
13	5	779.5	784.5	0.1164	0.0637	ppm	4M60W7D	27F	20.66
13	10	782	782	0.1285	0.0487	ppm	9M10G7D	27F	21.09
13	10	782	782	0.1050	0.0647	ppm	9M05W7D	27F	20.21

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	0.0448	0.0627	ppm	4M56G7D	27F	16.51
13	5	779.5	784.5	0.0396	0.0637	ppm	4M60W7D	27F	15.98
13	10	782	782	0.0438	0.0487	ppm	9M10G7D	27F	16.41
13	10	782	782	0.0357	0.0647	ppm	9M05W7D	27F	15.53