

Appendix - band_13

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B13_5MHz_ERP

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	22.49	-2.40	17.94	<=34.77	Pass
			13	22.58	-2.40	18.03	<=34.77	Pass
			24	22.51	-2.40	17.96	<=34.77	Pass
		12	0	21.66	-2.40	17.11	<=34.77	Pass
			6	21.63	-2.40	17.08	<=34.77	Pass
			13	21.66	-2.40	17.11	<=34.77	Pass
		25	0	21.67	-2.40	17.12	<=34.77	Pass
	782	1	0	22.40	-2.40	17.85	<=34.77	Pass
			13	22.57	-2.40	18.02	<=34.77	Pass
			24	22.42	-2.40	17.87	<=34.77	Pass
		12	0	21.46	-2.40	16.91	<=34.77	Pass
			6	21.60	-2.40	17.05	<=34.77	Pass
			13	21.64	-2.40	17.09	<=34.77	Pass
		25	0	21.60	-2.40	17.05	<=34.77	Pass
	784.5	1	0	22.41	-2.40	17.86	<=34.77	Pass
			13	22.58	-2.40	18.03	<=34.77	Pass
			24	22.39	-2.40	17.84	<=34.77	Pass
		12	0	21.44	-2.40	16.89	<=34.77	Pass
			6	21.58	-2.40	17.03	<=34.77	Pass
			13	21.47	-2.40	16.92	<=34.77	Pass
		25	0	21.43	-2.40	16.88	<=34.77	Pass
16QAM	779.5	1	0	21.46	-2.40	16.91	<=34.77	Pass
			13	21.73	-2.40	17.18	<=34.77	Pass
			24	21.56	-2.40	17.01	<=34.77	Pass
		12	0	20.61	-2.40	16.06	<=34.77	Pass
			6	20.63	-2.40	16.08	<=34.77	Pass
			13	20.65	-2.40	16.10	<=34.77	Pass
		25	0	20.70	-2.40	16.15	<=34.77	Pass
	782	1	0	21.73	-2.40	17.18	<=34.77	Pass
			13	21.85	-2.40	17.30	<=34.77	Pass
			24	21.61	-2.40	17.06	<=34.77	Pass
		12	0	20.51	-2.40	15.96	<=34.77	Pass
			6	20.66	-2.40	16.11	<=34.77	Pass
			13	20.66	-2.40	16.11	<=34.77	Pass
		25	0	20.59	-2.40	16.04	<=34.77	Pass
	784.5	1	0	21.31	-2.40	16.76	<=34.77	Pass
			13	21.42	-2.40	16.87	<=34.77	Pass
			24	21.32	-2.40	16.77	<=34.77	Pass
		12	0	20.43	-2.40	15.88	<=34.77	Pass
			6	20.55	-2.40	16.00	<=34.77	Pass
			13	20.43	-2.40	15.88	<=34.77	Pass
		25	0	20.48	-2.40	15.93	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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	22.68	-2.40	18.13	<=34.77	Pass
			25	22.74	-2.40	18.19	<=34.77	Pass
			49	22.59	-2.40	18.04	<=34.77	Pass
		25	0	21.66	-2.40	17.11	<=34.77	Pass
			13	21.71	-2.40	17.16	<=34.77	Pass
			25	21.77	-2.40	17.22	<=34.77	Pass
		50	0	21.77	-2.40	17.22	<=34.77	Pass
16QAM	782	1	0	22.03	-2.40	17.48	<=34.77	Pass
			25	22.33	-2.40	17.78	<=34.77	Pass
			49	22.10	-2.40	17.55	<=34.77	Pass
		25	0	20.73	-2.40	16.18	<=34.77	Pass
			13	20.79	-2.40	16.24	<=34.77	Pass
			25	20.80	-2.40	16.25	<=34.77	Pass
		50	0	20.79	-2.40	16.24	<=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	-8.183	-0.0105	within 777-787MHz	Pass
					3.85	-4.706	-0.0060	within 777-787MHz	Pass
					4.43	-5.608	-0.0072	within 777-787MHz	Pass
				-30	3.85	-5.765	-0.0074	within 777-787MHz	Pass
				-20	3.85	-6.495	-0.0083	within 777-787MHz	Pass
				-10	3.85	-10.514	-0.0135	within 777-787MHz	Pass
				0	3.85	-10.171	-0.0130	within 777-787MHz	Pass
				10	3.85	-8.826	-0.0113	within 777-787MHz	Pass
				30	3.85	-6.580	-0.0084	within 777-787MHz	Pass
				40	3.85	-8.254	-0.0106	within 777-787MHz	Pass
				50	3.85	-4.978	-0.0064	within 777-787MHz	Pass
	782	25	0	20	3.27	-6.866	-0.0088	within 777-787MHz	Pass
					3.85	-3.834	-0.0049	within 777-787MHz	Pass
					4.43	-7.081	-0.0091	within 777-787MHz	Pass
				-30	3.85	-11.158	-0.0143	within 777-	Pass

								787MHz	
				-20	3.85	-8.283	-0.0106	within 777-787MHz	Pass
				-10	3.85	-3.920	-0.0050	within 777-787MHz	Pass
				0	3.85	2.160	0.0028	within 777-787MHz	Pass
				10	3.85	-8.140	-0.0104	within 777-787MHz	Pass
				30	3.85	-7.539	-0.0096	within 777-787MHz	Pass
				40	3.85	-6.394	-0.0082	within 777-787MHz	Pass
				50	3.85	-7.682	-0.0098	within 777-787MHz	Pass
	784.5	25	0	20	3.27	-11.001	-0.0140	within 777-787MHz	Pass
					3.85	-8.812	-0.0112	within 777-787MHz	Pass
					4.43	-11.544	-0.0147	within 777-787MHz	Pass
				-30	3.85	-12.202	-0.0156	within 777-787MHz	Pass
				-20	3.85	-4.649	-0.0059	within 777-787MHz	Pass
				-10	3.85	-3.705	-0.0047	within 777-787MHz	Pass
				0	3.85	-5.407	-0.0069	within 777-787MHz	Pass
				10	3.85	-6.638	-0.0085	within 777-787MHz	Pass
				30	3.85	-5.150	-0.0066	within 777-787MHz	Pass
				40	3.85	-7.825	-0.0100	within 777-787MHz	Pass
				50	3.85	-10.085	-0.0129	within 777-787MHz	Pass
	779.5	25	0	20	3.27	-7.896	-0.0101	within 777-787MHz	Pass
					3.85	-5.350	-0.0069	within 777-787MHz	Pass
					4.43	-5.980	-0.0077	within 777-787MHz	Pass
				-30	3.85	-9.928	-0.0127	within 777-787MHz	Pass
				-20	3.85	-3.362	-0.0043	within 777-787MHz	Pass
				-10	3.85	-11.244	-0.0144	within 777-787MHz	Pass
				0	3.85	-3.448	-0.0044	within 777-787MHz	Pass
				10	3.85	-1.044	-0.0013	within 777-787MHz	Pass
				30	3.85	-8.082	-0.0104	within 777-787MHz	Pass
				40	3.85	-4.106	-0.0053	within 777-787MHz	Pass
				50	3.85	-6.809	-0.0087	within 777-787MHz	Pass
	782	25	0	20	3.27	-4.978	-0.0064	within 777-787MHz	Pass

					3.85	-10.686	-0.0137	within 777-787MHz	Pass
					4.43	-2.346	-0.0030	within 777-787MHz	Pass
				-30	3.85	-6.537	-0.0084	within 777-787MHz	Pass
				-20	3.85	-4.549	-0.0058	within 777-787MHz	Pass
				-10	3.85	-0.257	-0.0003	within 777-787MHz	Pass
				0	3.85	-5.450	-0.0070	within 777-787MHz	Pass
				10	3.85	-7.439	-0.0095	within 777-787MHz	Pass
				30	3.85	-10.371	-0.0133	within 777-787MHz	Pass
				40	3.85	0.272	0.0003	within 777-787MHz	Pass
				50	3.85	-3.519	-0.0045	within 777-787MHz	Pass
	784.5	25	0	20	3.27	-9.556	-0.0122	within 777-787MHz	Pass
					3.85	-3.633	-0.0046	within 777-787MHz	Pass
					4.43	-3.419	-0.0044	within 777-787MHz	Pass
				-30	3.85	-7.839	-0.0100	within 777-787MHz	Pass
				-20	3.85	-12.302	-0.0157	within 777-787MHz	Pass
				-10	3.85	-5.808	-0.0074	within 777-787MHz	Pass
				0	3.85	-5.908	-0.0075	within 777-787MHz	Pass
				10	3.85	-12.960	-0.0165	within 777-787MHz	Pass
				30	3.85	-5.035	-0.0064	within 777-787MHz	Pass
				40	3.85	-8.125	-0.0104	within 777-787MHz	Pass
				50	3.85	-11.015	-0.0140	within 777-787MHz	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	-4.549	-0.0058	within 777-787MHz	Pass
					3.85	-3.262	-0.0042	within 777-787MHz	Pass
					4.43	-4.950	-0.0063	within 777-787MHz	Pass
				-30	3.85	-4.649	-0.0059	within 777-787MHz	Pass
				-20	3.85	-7.982	-0.0102	within 777-787MHz	Pass
				-10	3.85	-6.709	-0.0086	within 777-	Pass

16QAM	782	50	0					787MHz	
				0	3.85	-7.067	-0.0090	within 777-787MHz	Pass
				10	3.85	-5.093	-0.0065	within 777-787MHz	Pass
				30	3.85	-3.333	-0.0043	within 777-787MHz	Pass
				40	3.85	-3.562	-0.0046	within 777-787MHz	Pass
				50	3.85	-4.735	-0.0061	within 777-787MHz	Pass
				20	3.27	-3.219	-0.0041	within 777-787MHz	Pass
					3.85	-6.366	-0.0081	within 777-787MHz	Pass
					4.43	-6.609	-0.0085	within 777-787MHz	Pass
				-30	3.85	-4.635	-0.0059	within 777-787MHz	Pass
				-20	3.85	-8.597	-0.0110	within 777-787MHz	Pass
				-10	3.85	-6.037	-0.0077	within 777-787MHz	Pass
				0	3.85	-7.367	-0.0094	within 777-787MHz	Pass
				10	3.85	-8.612	-0.0110	within 777-787MHz	Pass
				30	3.85	-8.798	-0.0113	within 777-787MHz	Pass
				40	3.85	-7.610	-0.0097	within 777-787MHz	Pass
				50	3.85	-7.796	-0.0100	within 777-787MHz	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

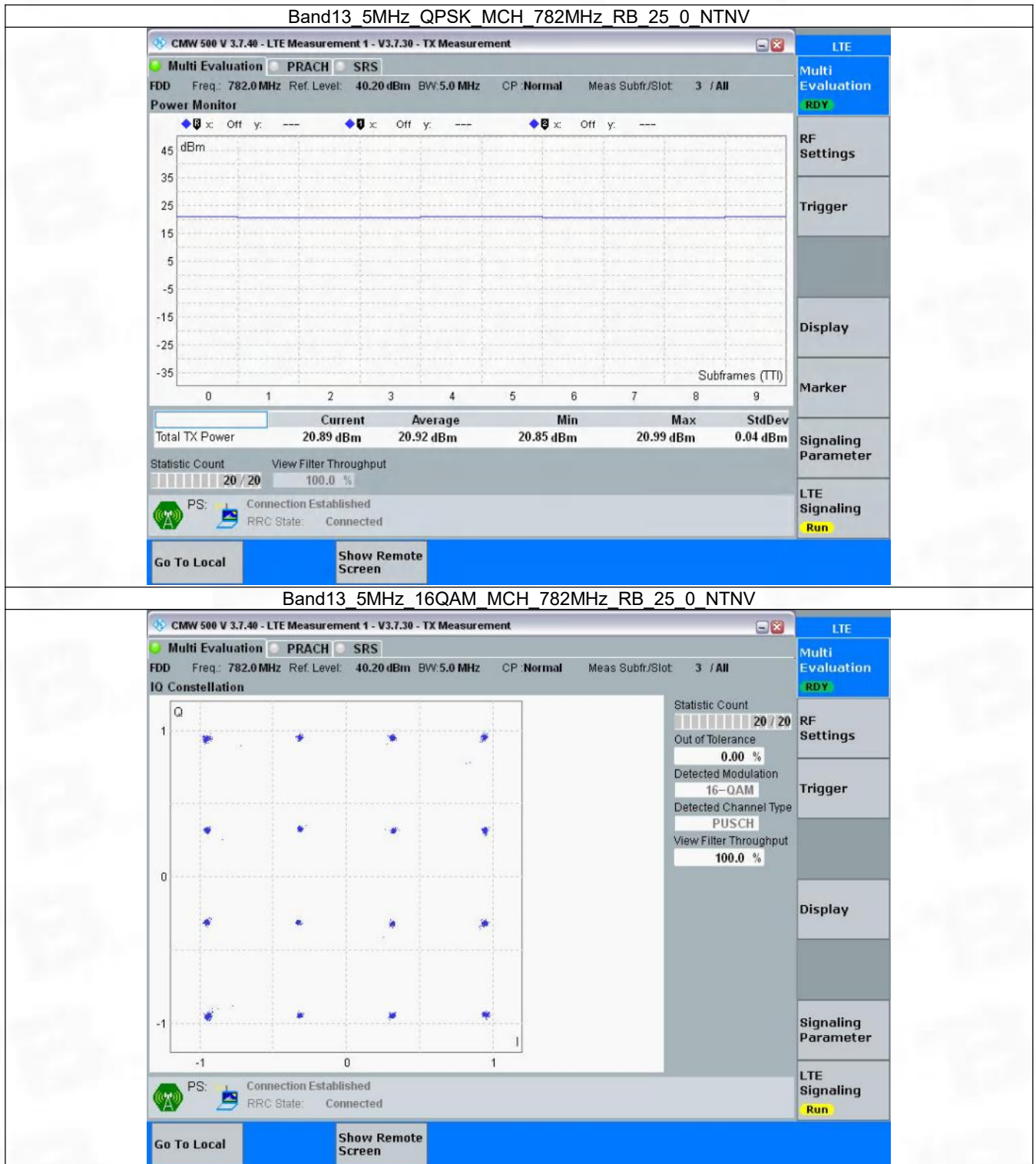
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

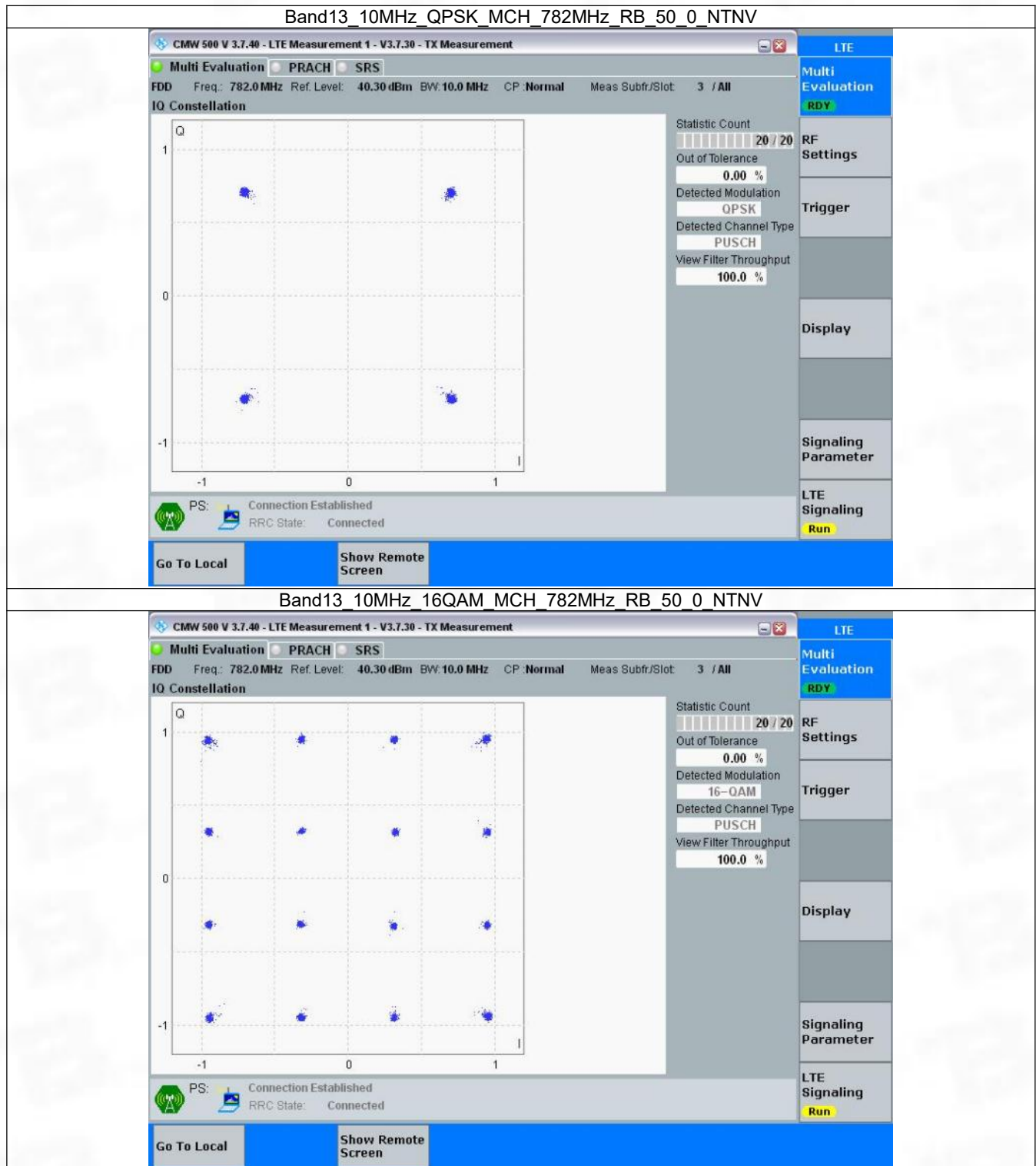
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

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

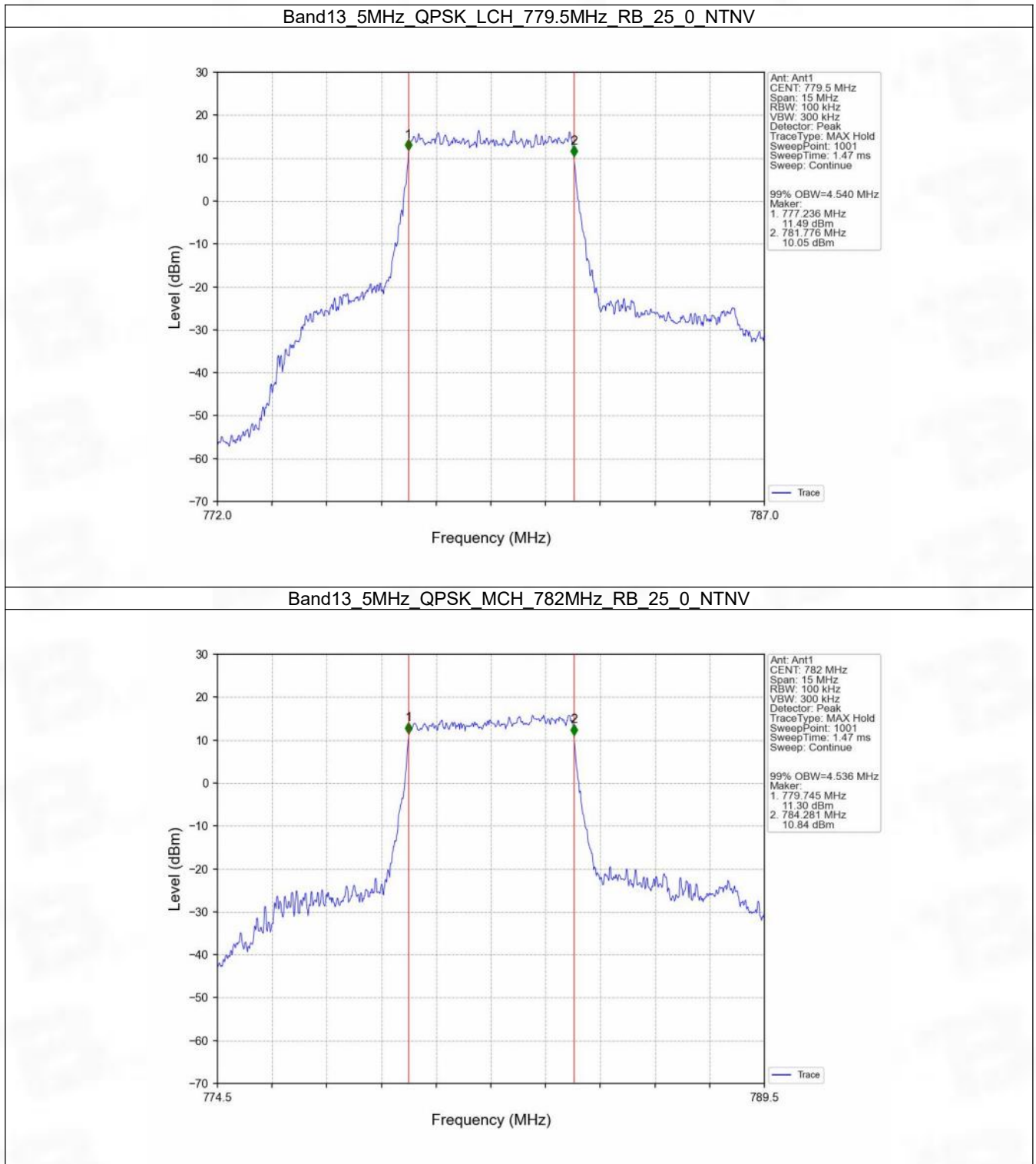
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.540	/	Pass
		782	25	0	4.536	/	Pass
		784.5	25	0	4.535	/	Pass
	16QAM	779.5	25	0	4.557	/	Pass
		782	25	0	4.547	/	Pass
		784.5	25	0	4.515	/	Pass
10	QPSK	782	50	0	8.989	/	Pass
	16QAM	782	50	0	8.961	/	Pass

4.1.2 Band13_XDB

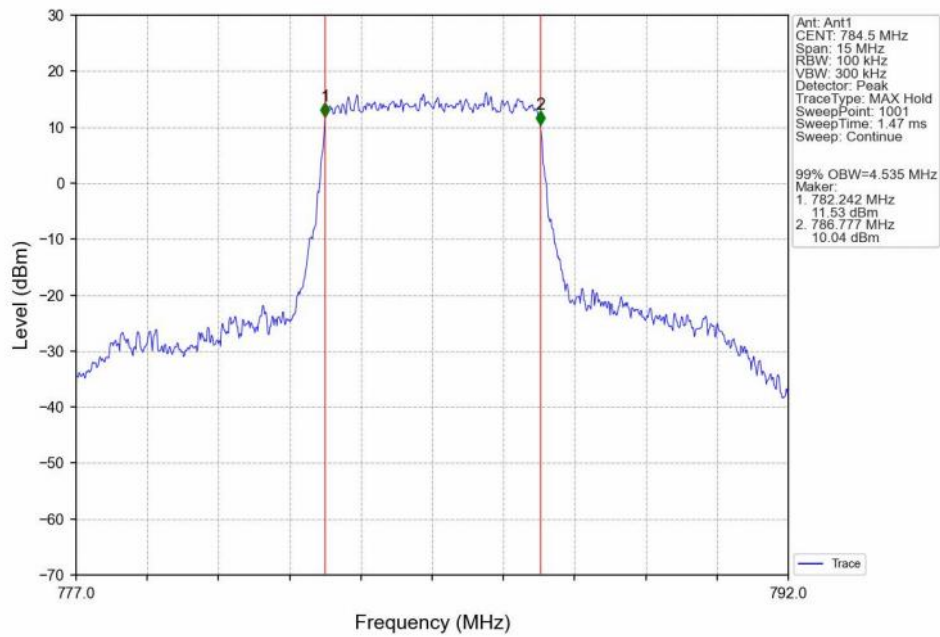
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.156	/	Pass
		782	25	0	5.141	/	Pass
		784.5	25	0	5.152	/	Pass
	16QAM	779.5	25	0	5.241	/	Pass
		782	25	0	5.156	/	Pass
		784.5	25	0	5.175	/	Pass
10	QPSK	782	50	0	10.039	/	Pass
	16QAM	782	50	0	9.751	/	Pass

4.2 Test Graph

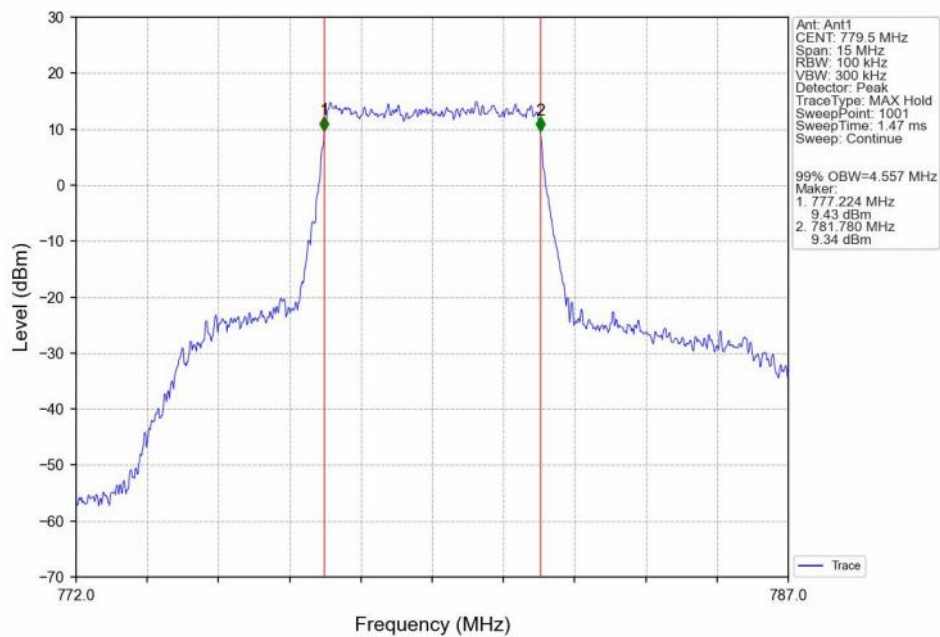
4.2.1 Band13_OBW



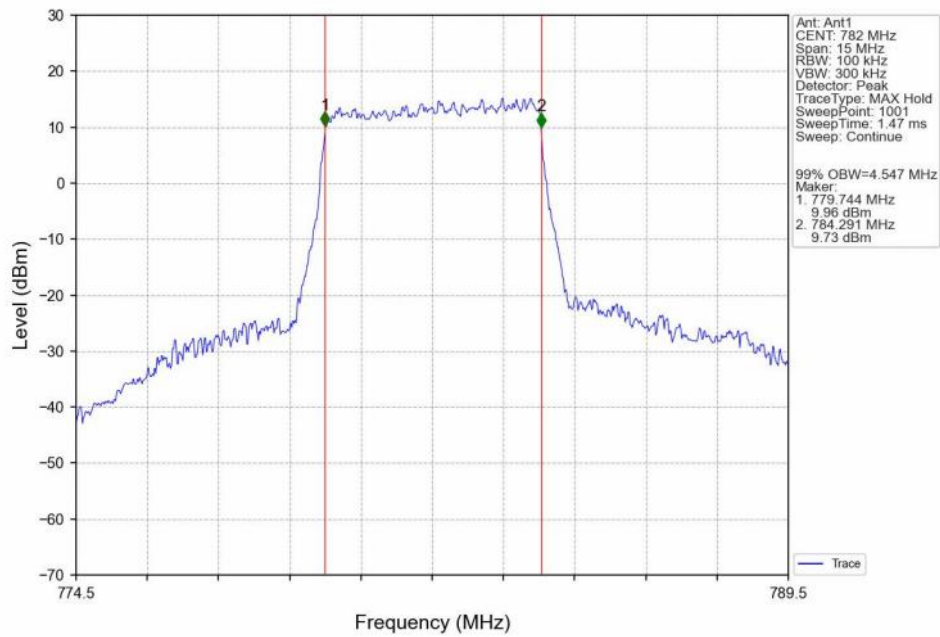
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



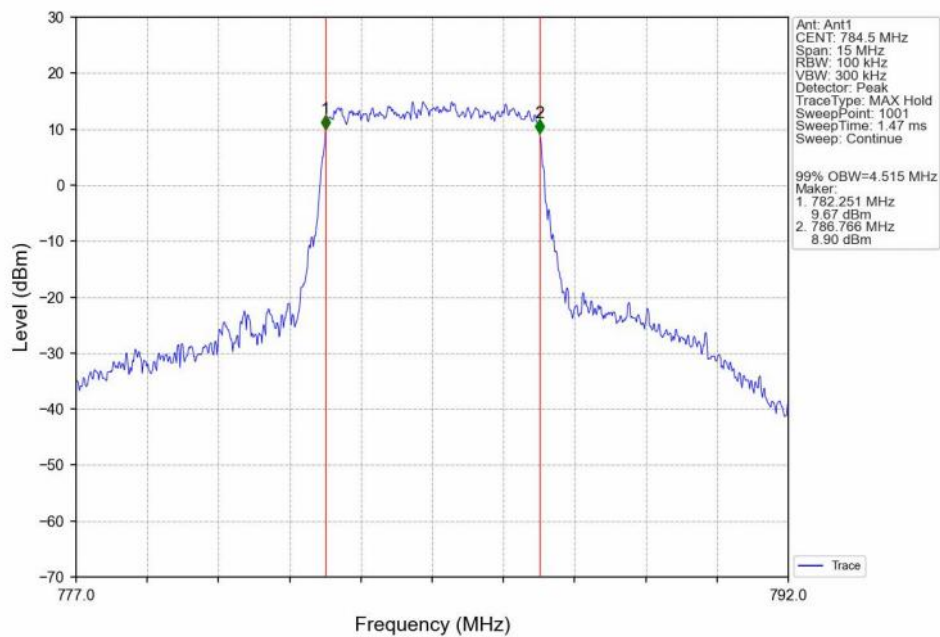
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



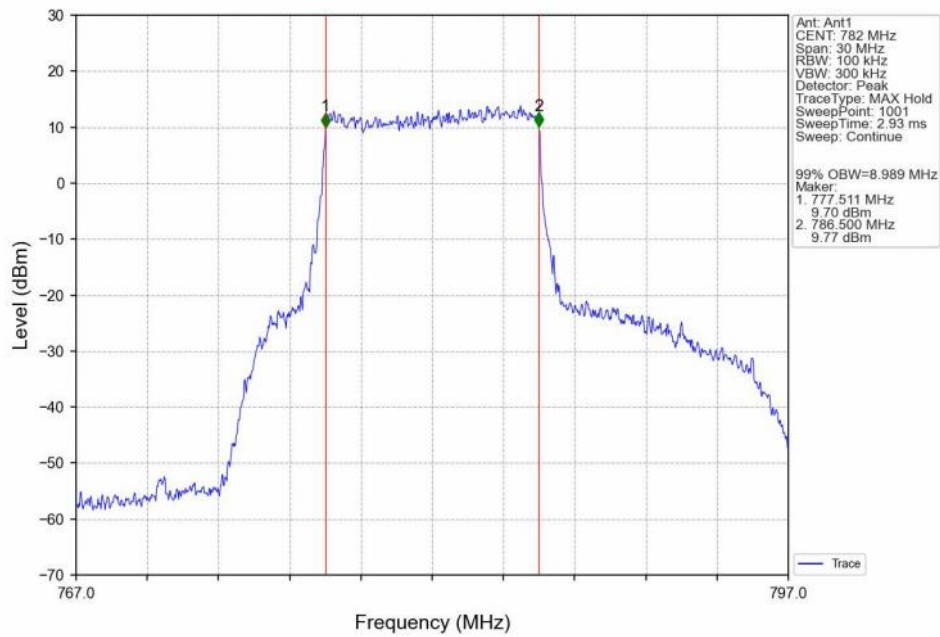
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



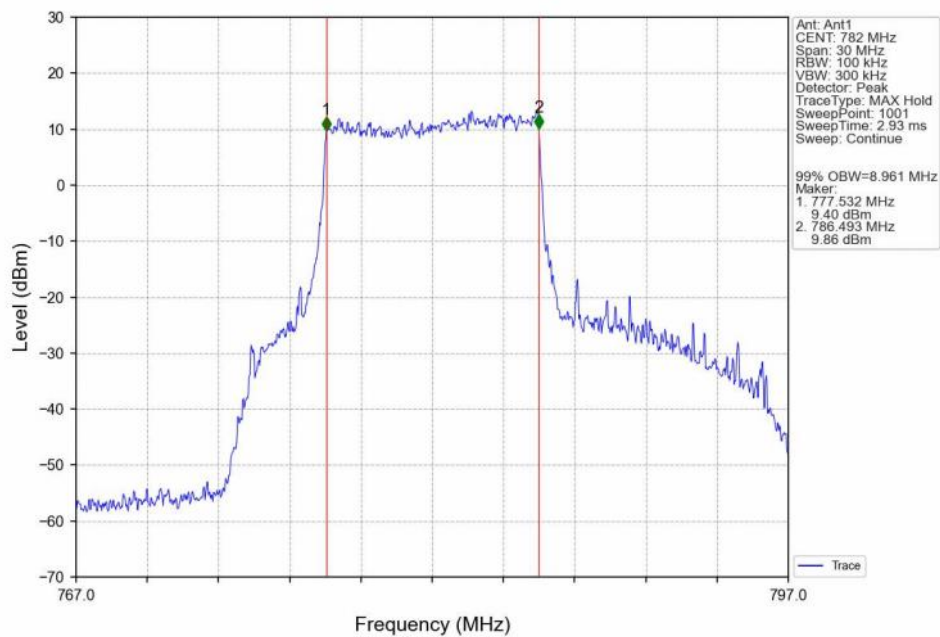
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



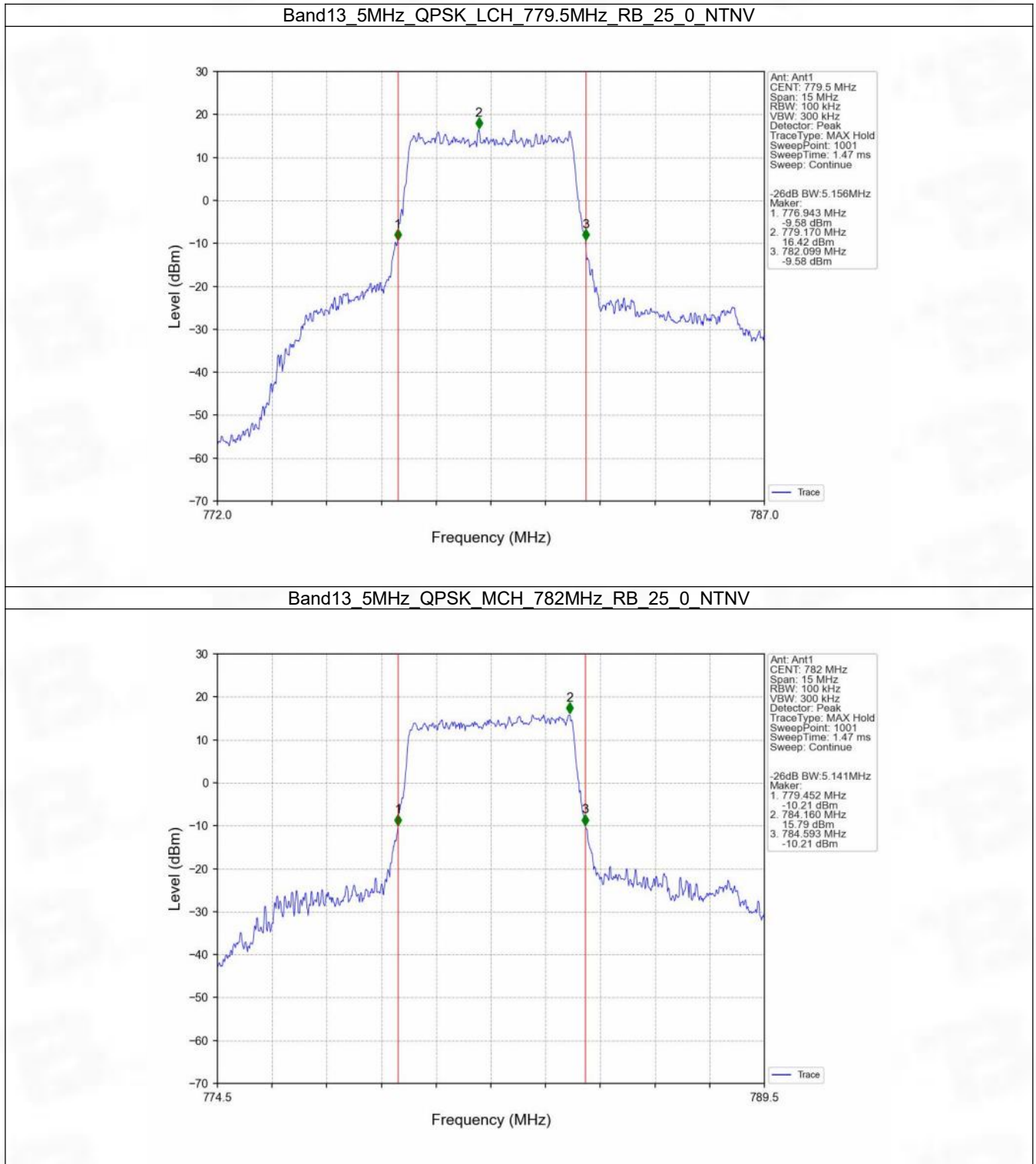
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



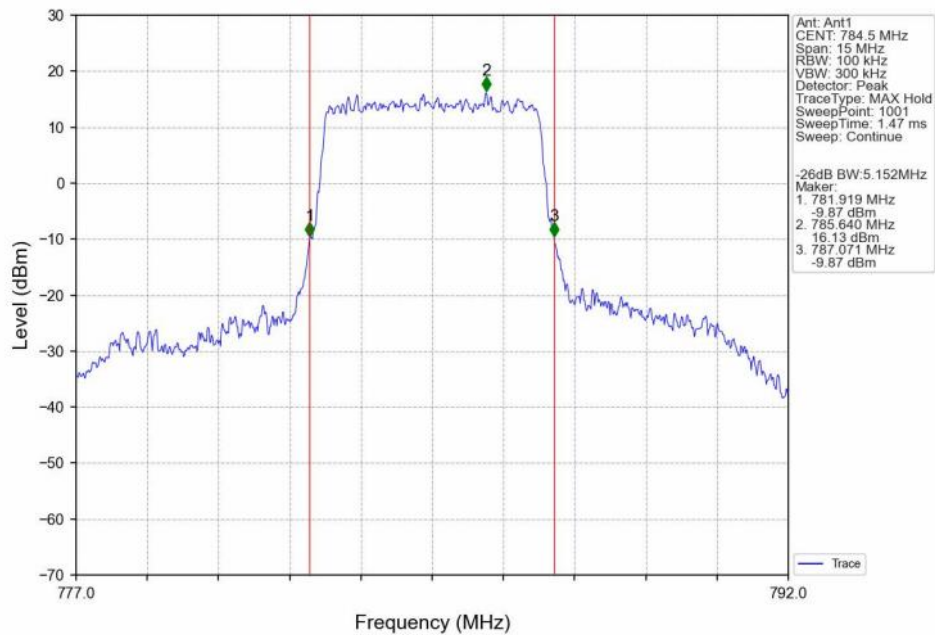
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



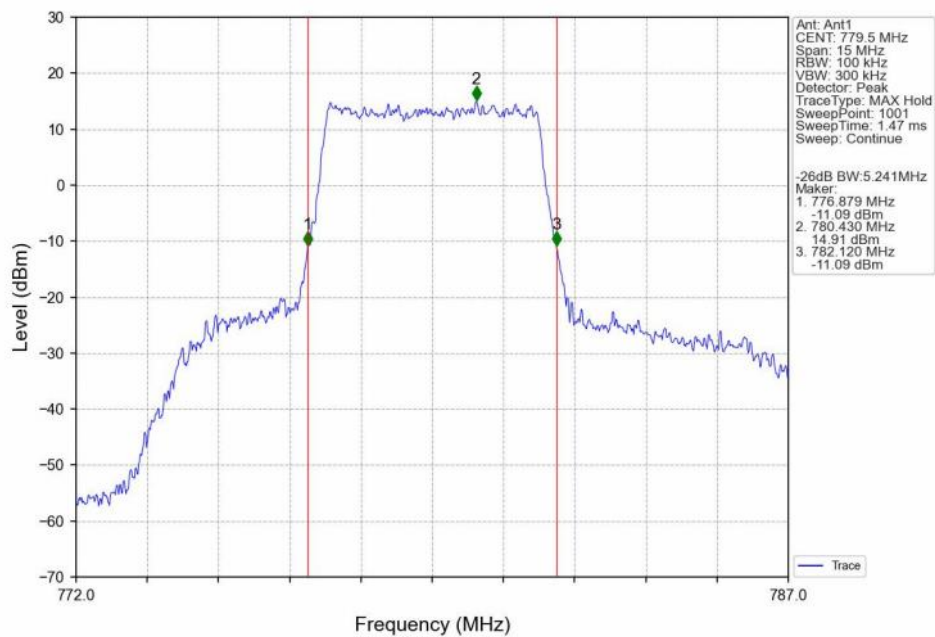
4.2.2 Band13_XDB



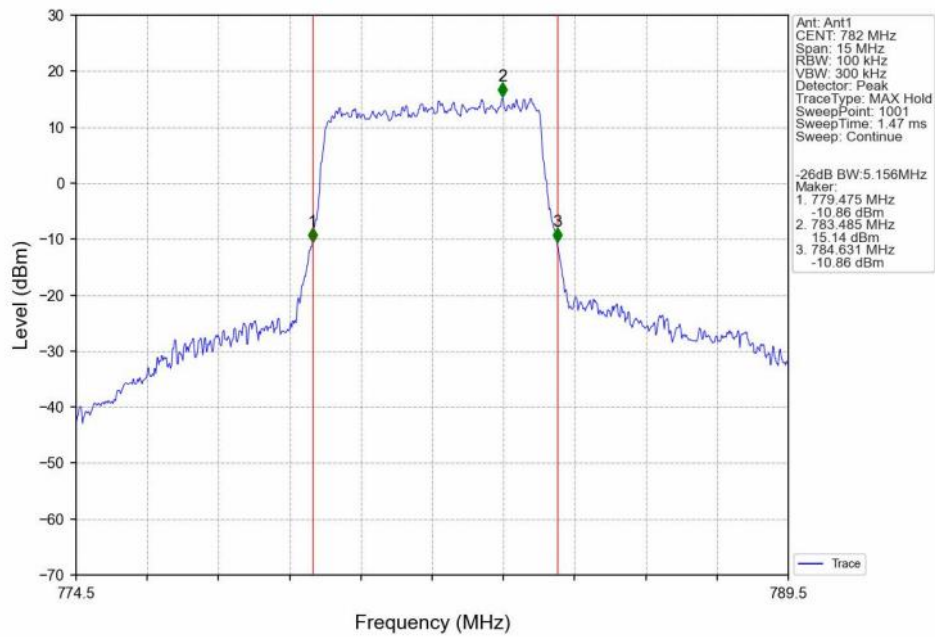
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



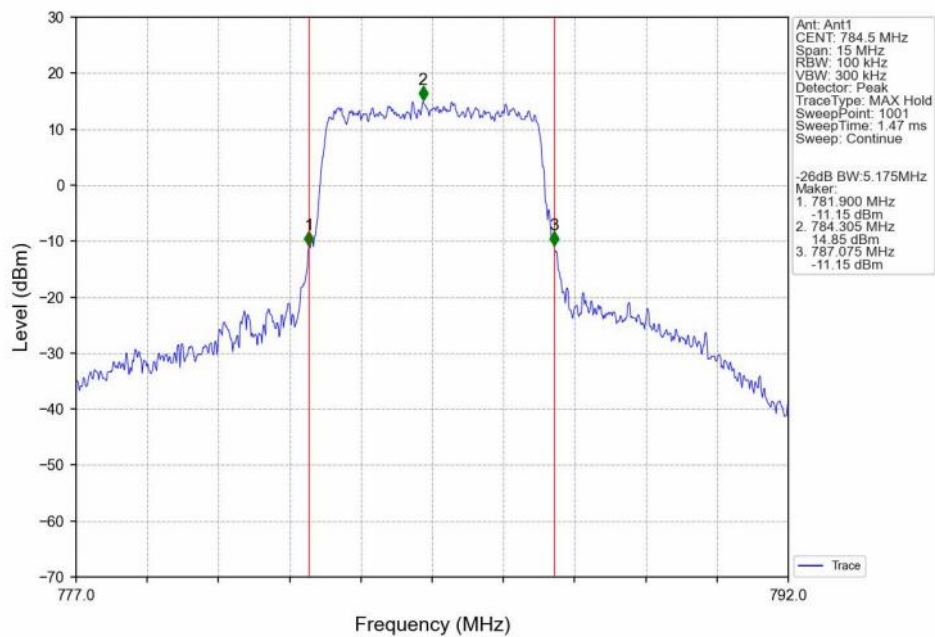
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



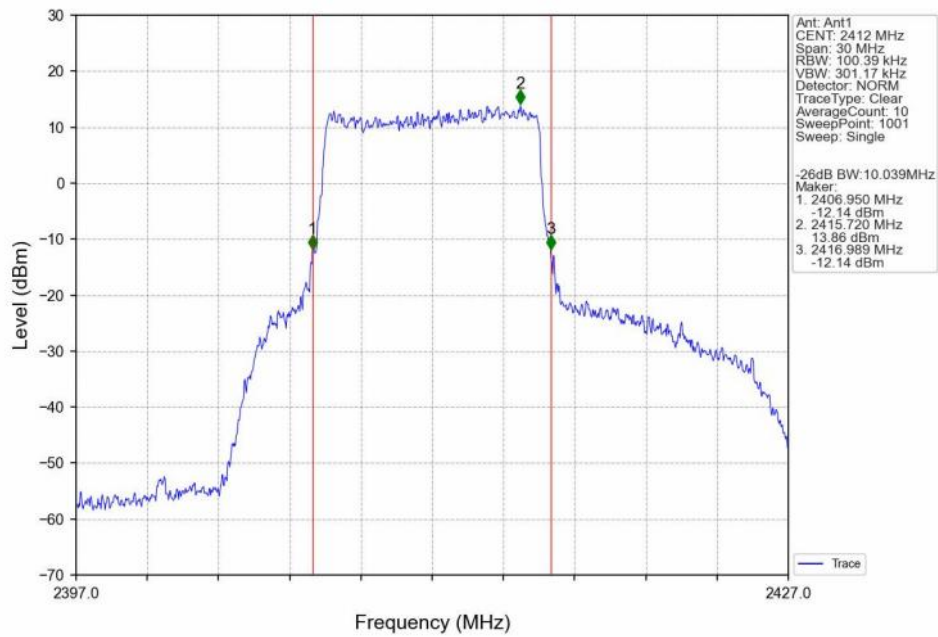
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



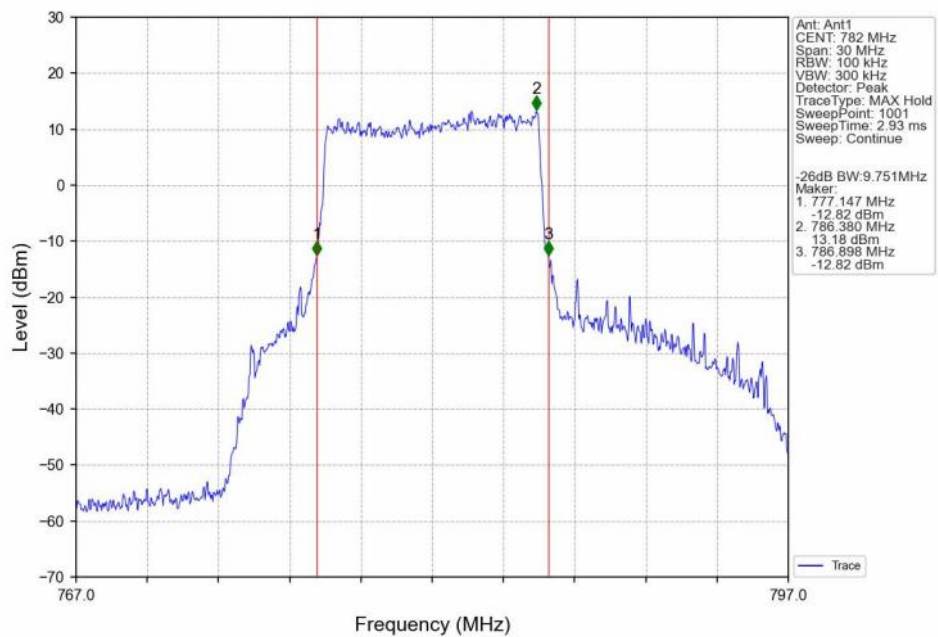
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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

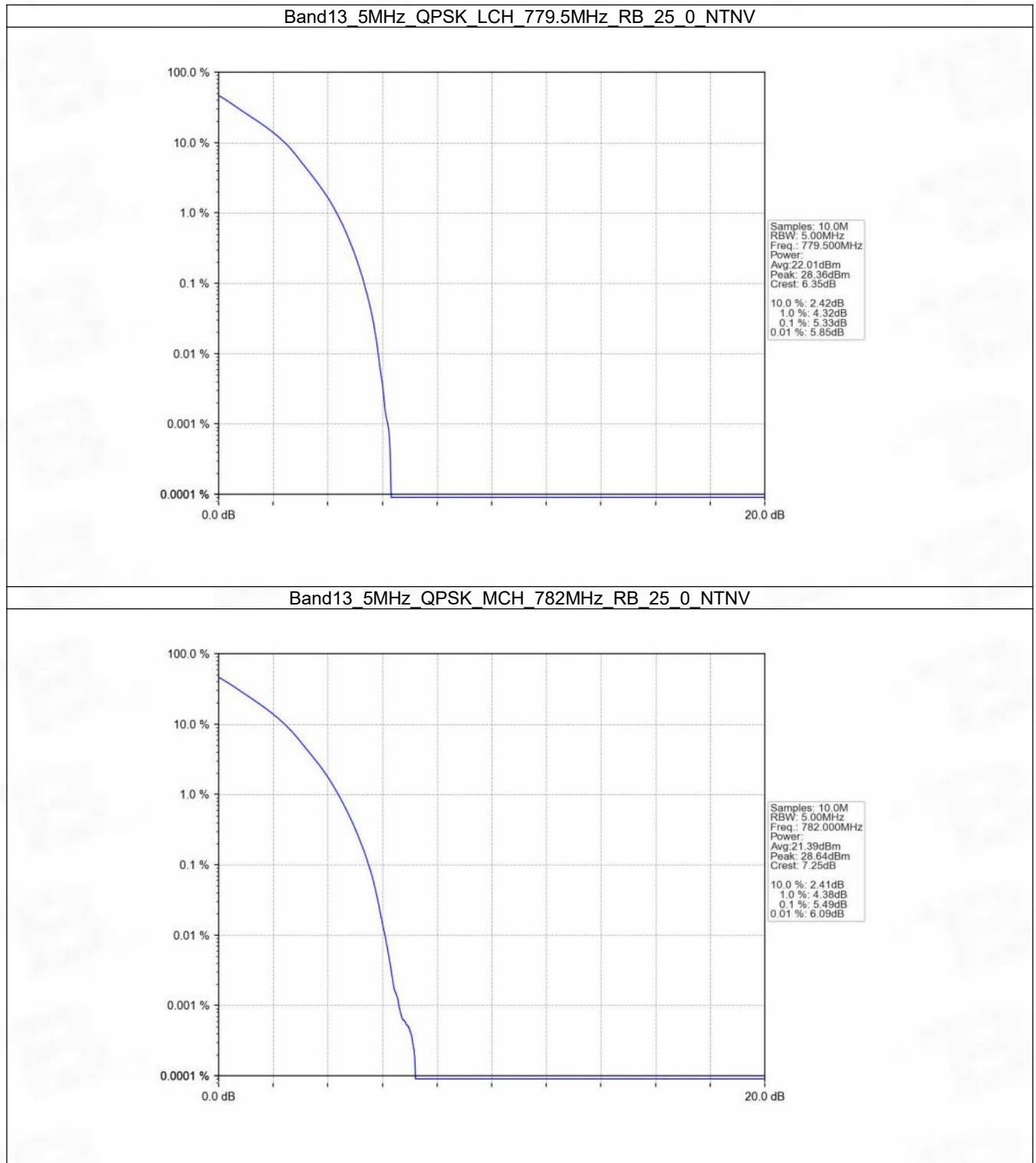
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.33	≤ 13	Pass
	782	25	0	5.49	≤ 13	Pass
	784.5	25	0	5.18	≤ 13	Pass
16QAM	779.5	25	0	6.18	≤ 13	Pass
	782	25	0	6.17	≤ 13	Pass
	784.5	25	0	5.85	≤ 13	Pass

5.1.2 B13_10MHz

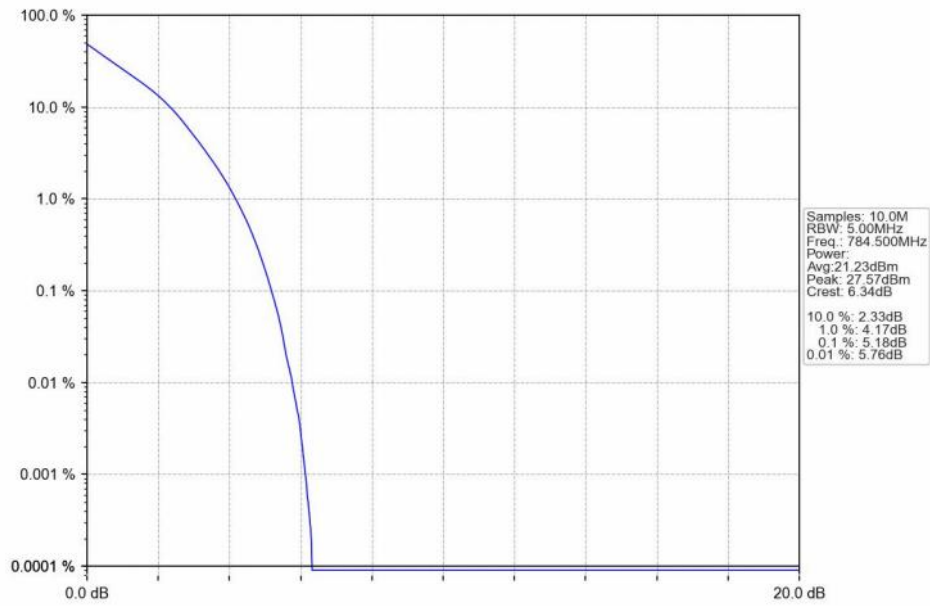
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.20	≤ 13	Pass
16QAM	782	50	0	5.96	≤ 13	Pass

5.2 Test Graph

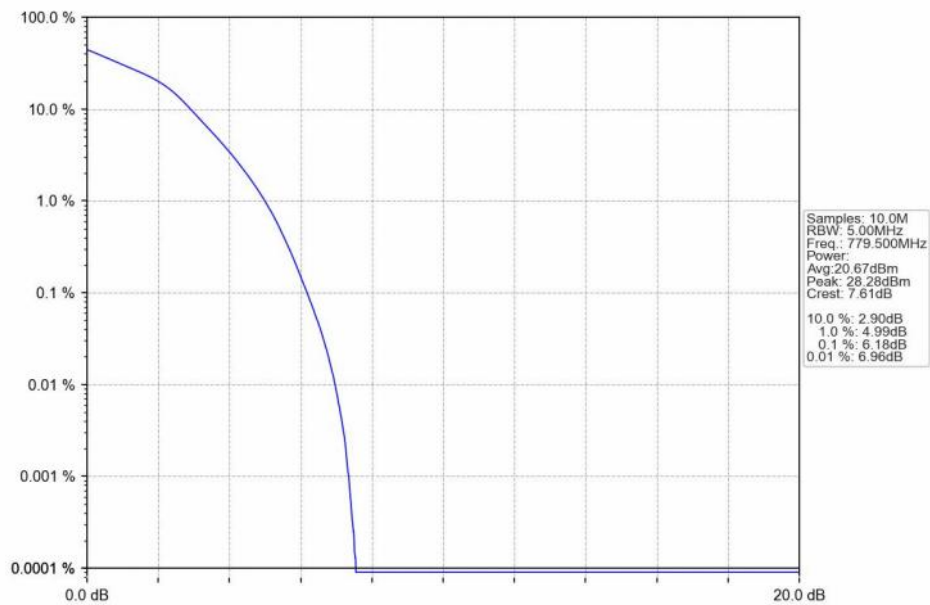
5.2.1 B13_5MHz



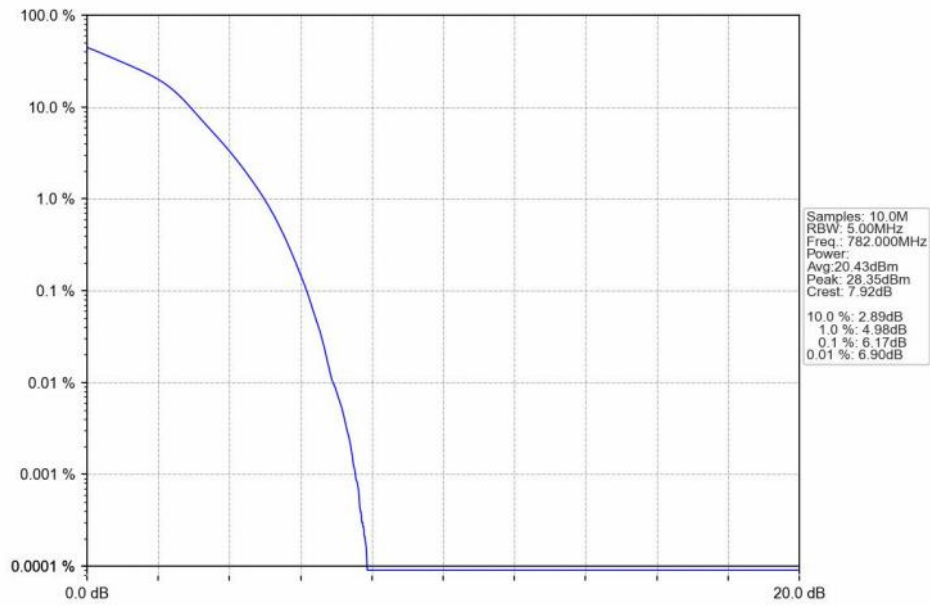
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



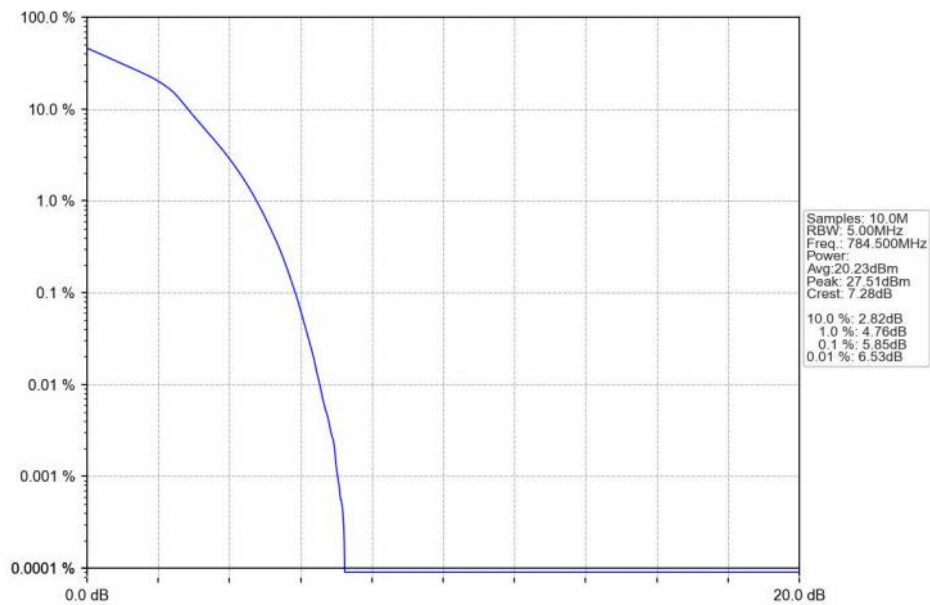
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



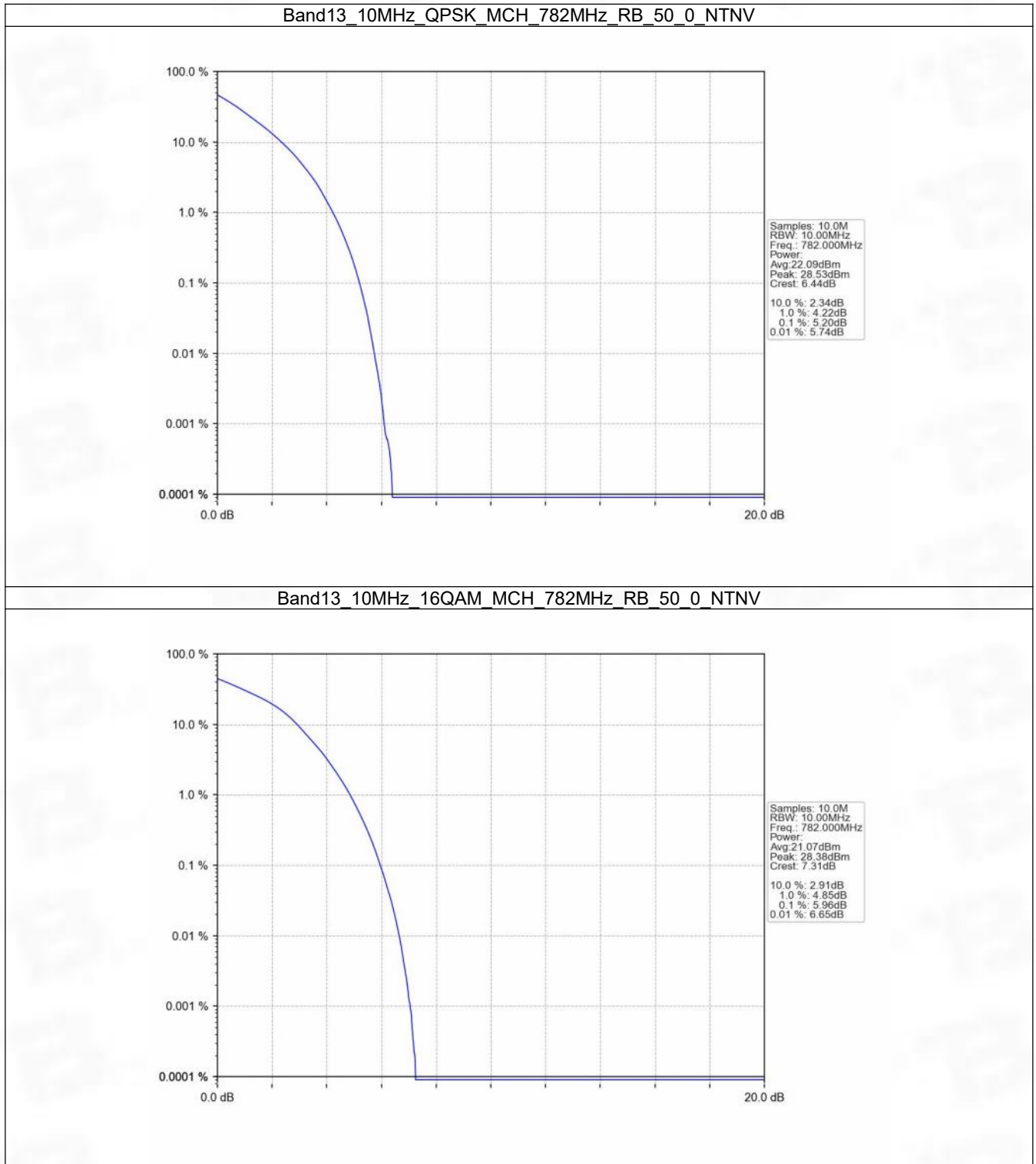
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



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

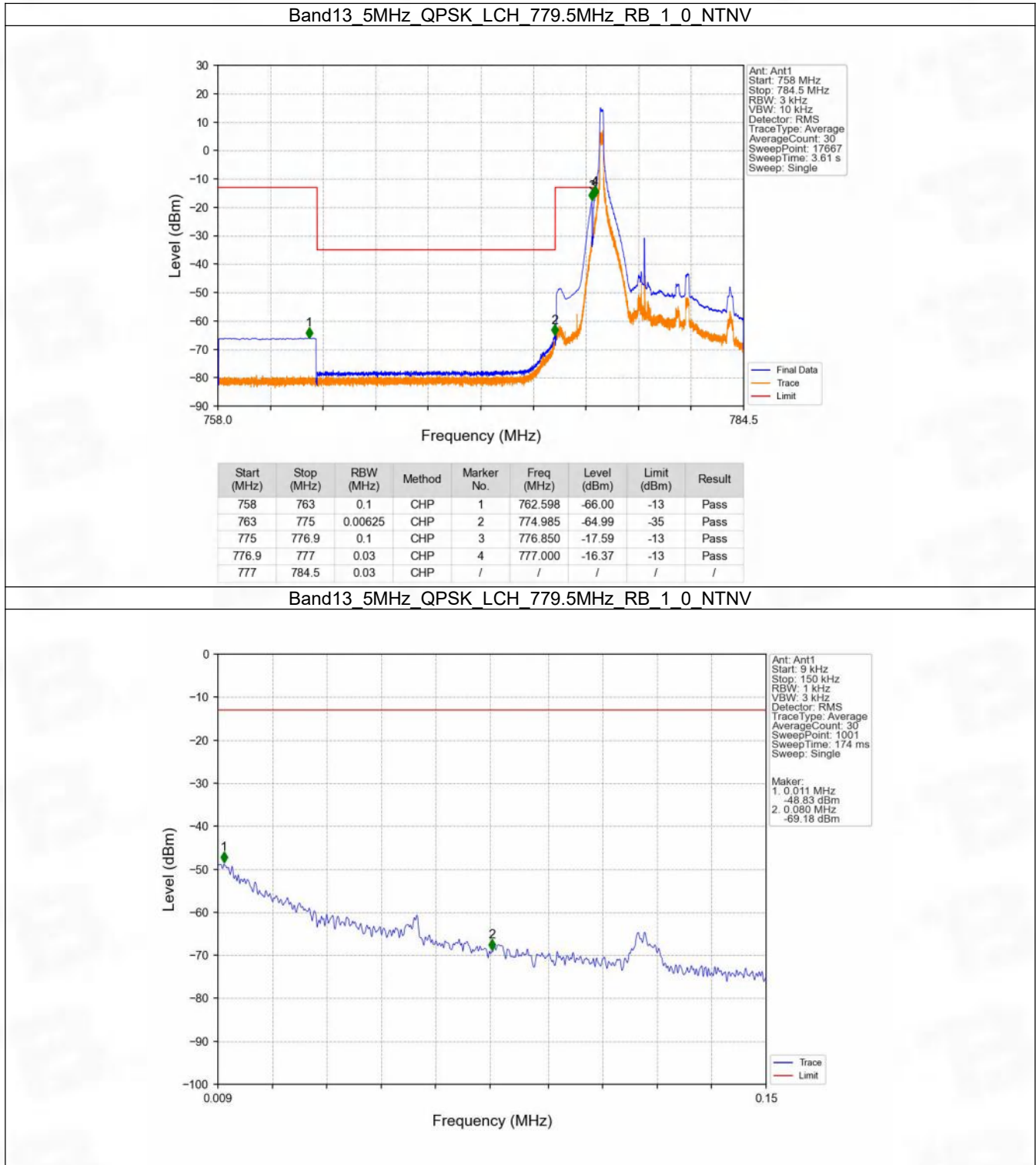
Band: 13 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	779.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	784.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		24		Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	779.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	784.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		24		Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.2 B13_10MHz

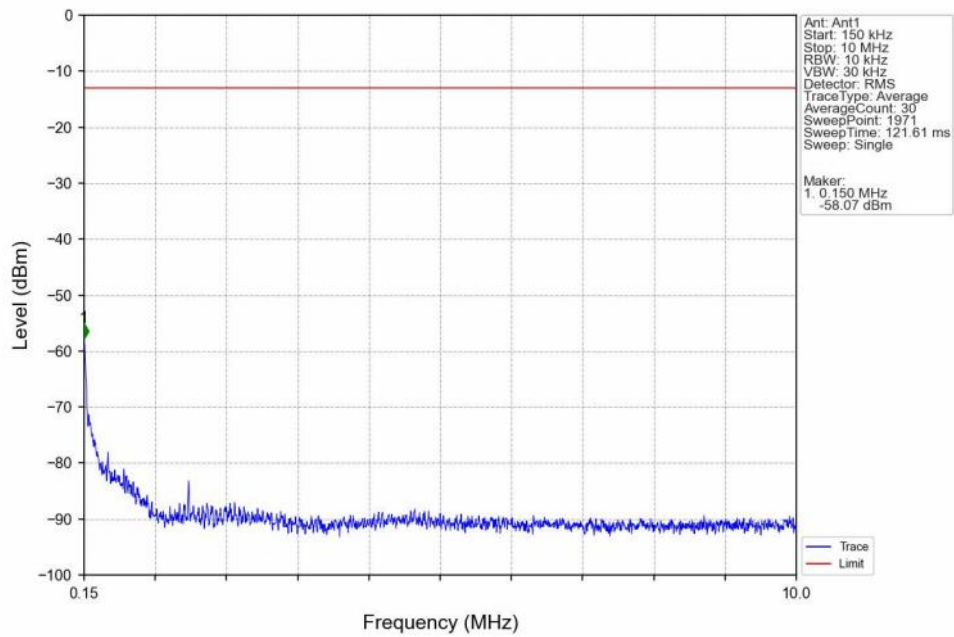
Band: 13 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	782	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	782	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	782	1	0	Refer To Test Graph	Pass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

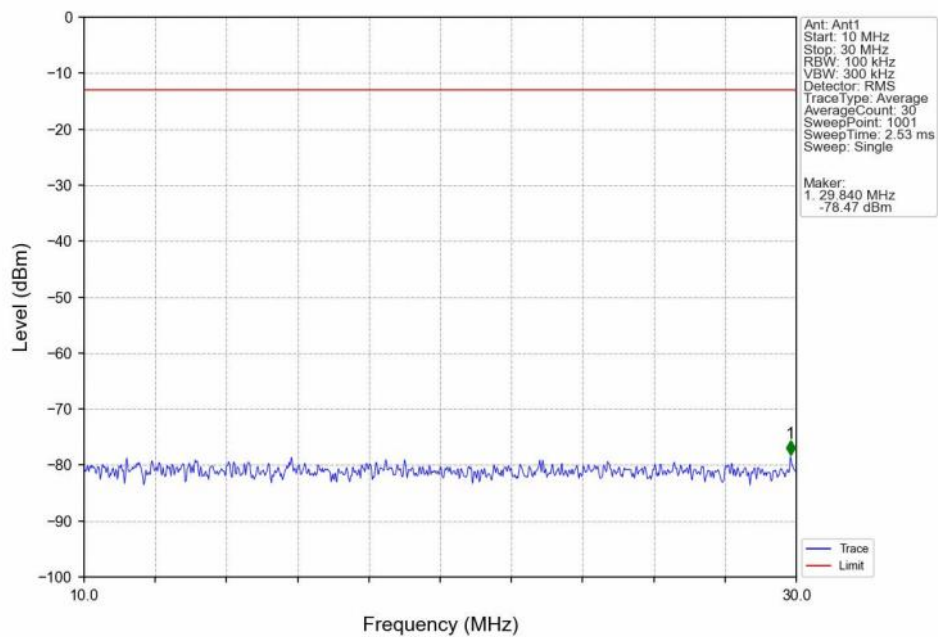
6.2.1 B13_5MHz



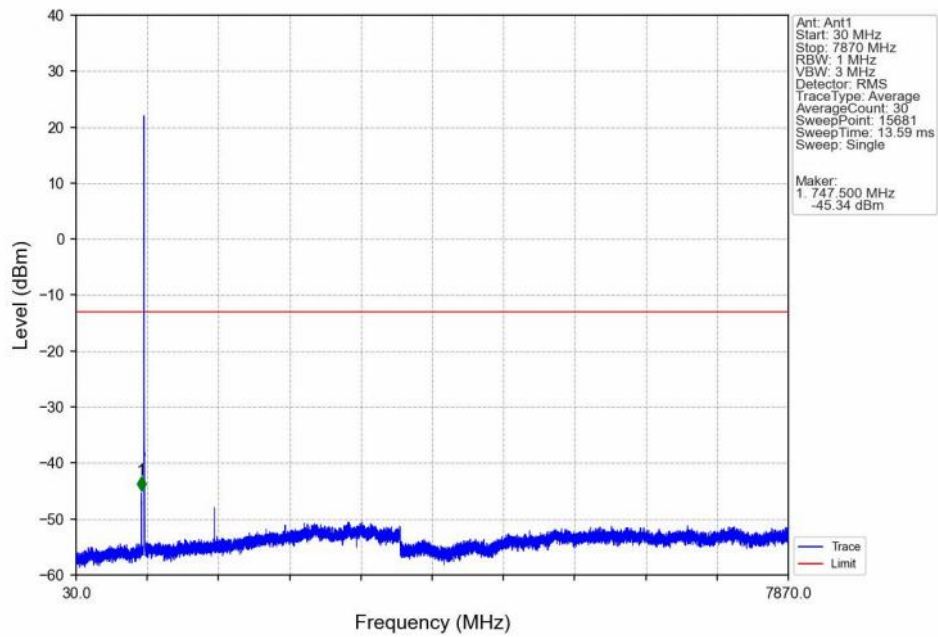
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



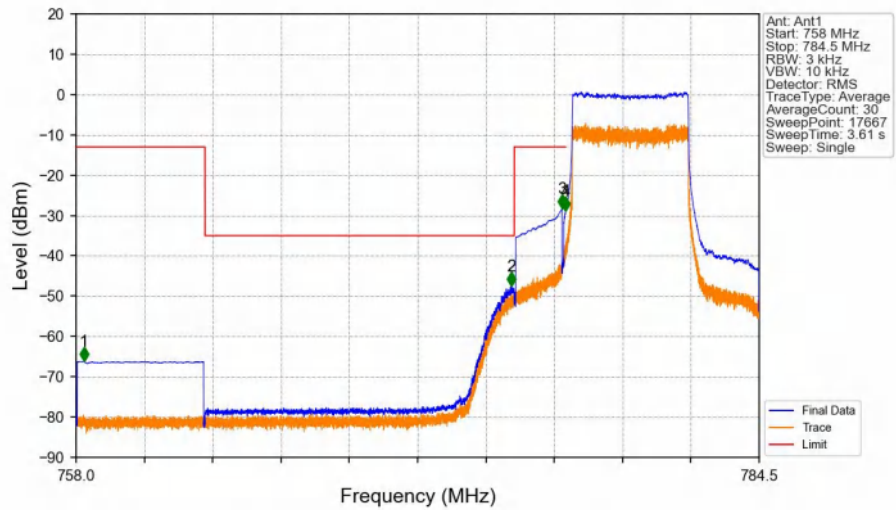
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

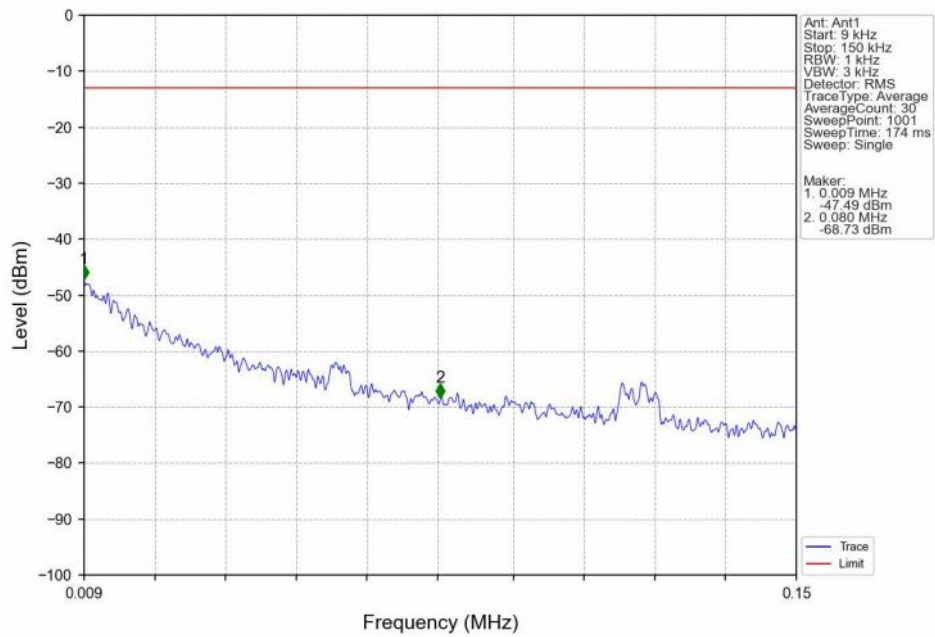


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

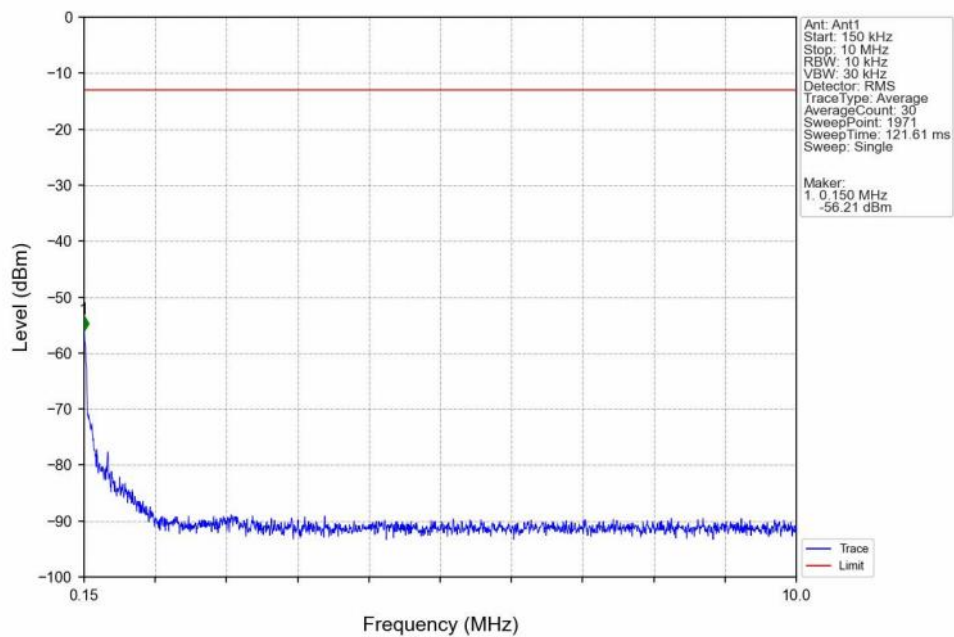


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.305	-66.15	-13	Pass
763	775	0.00625	CHP	2	774.888	-47.48	-35	Pass
775	776.9	0.1	CHP	3	776.850	-28.21	-13	Pass
776.9	777	0.03	CHP	4	776.997	-28.76	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

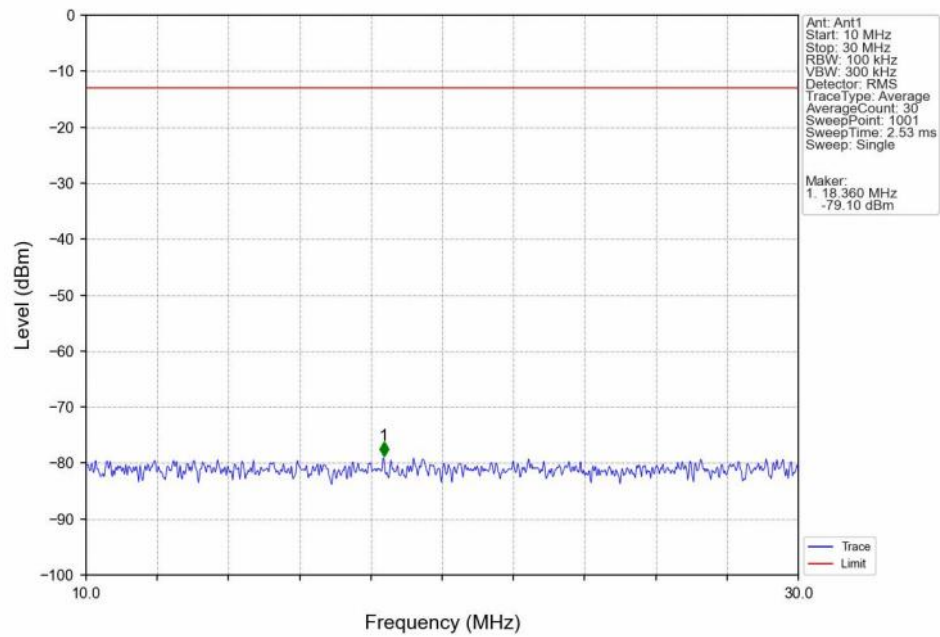
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



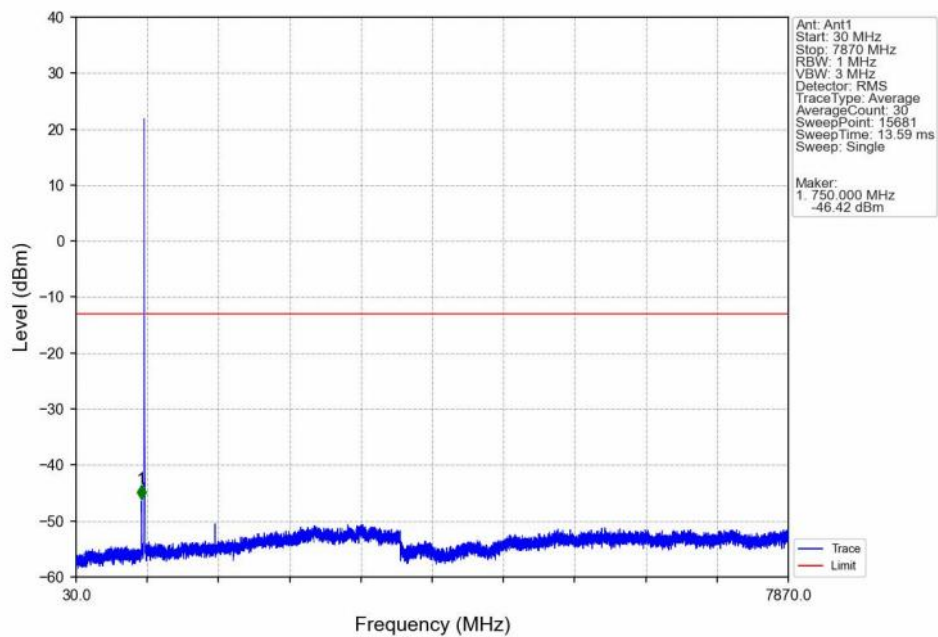
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



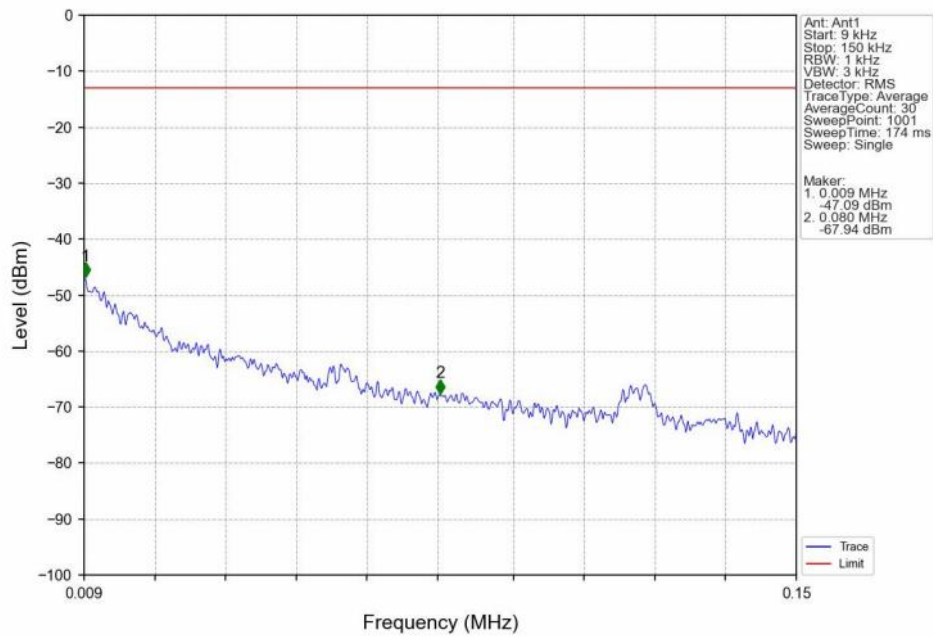
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



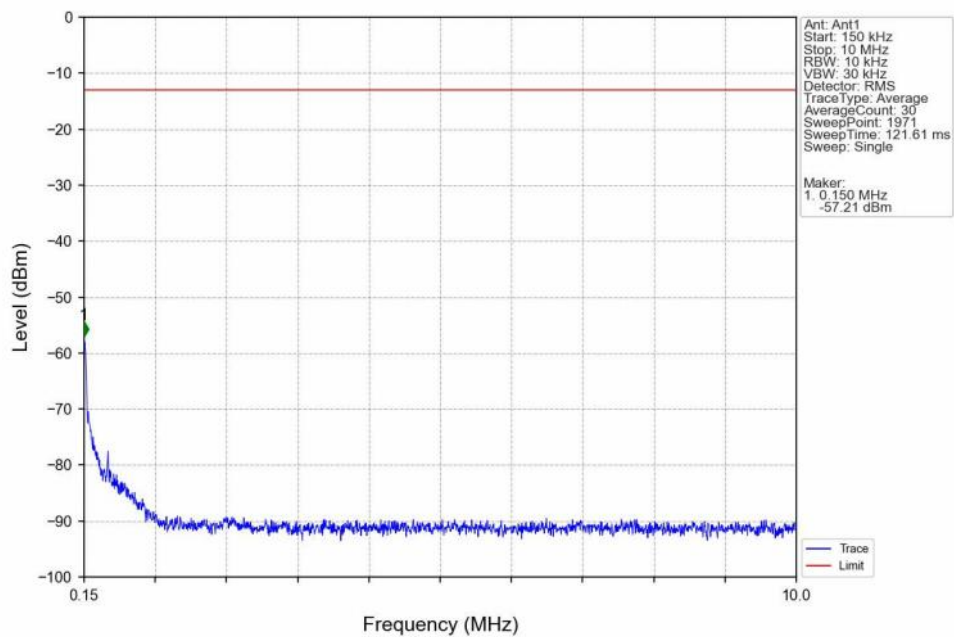
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



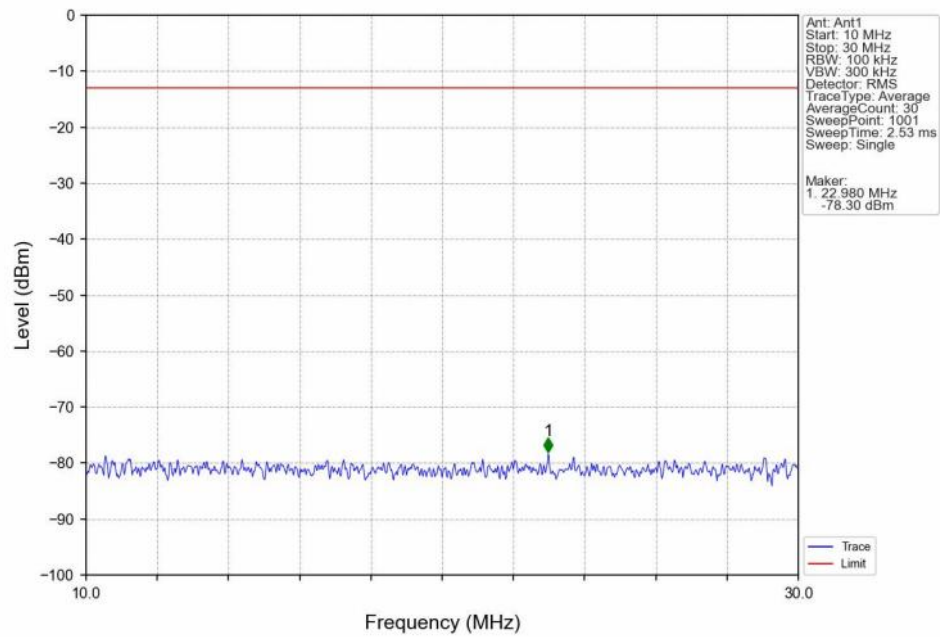
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



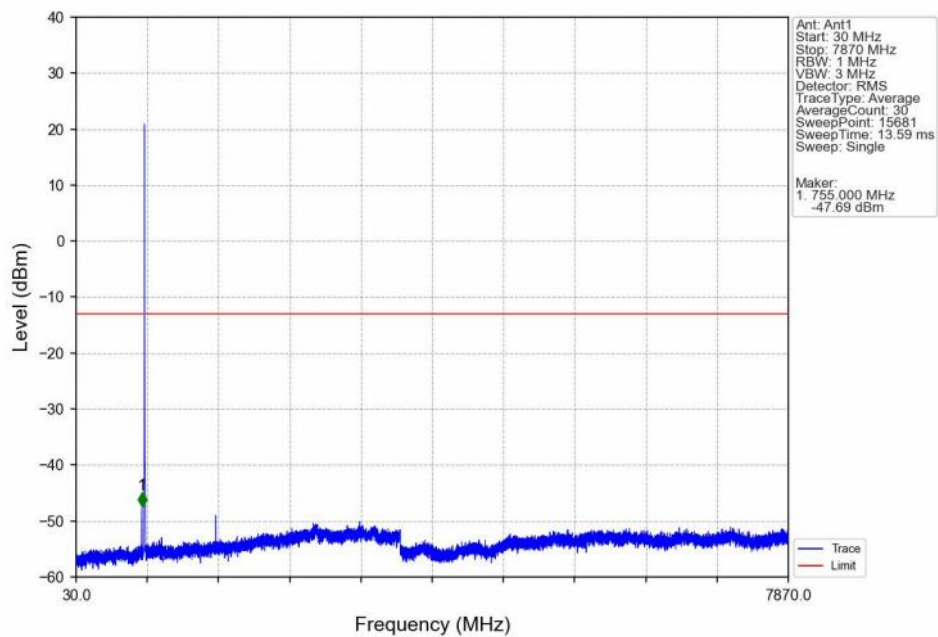
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



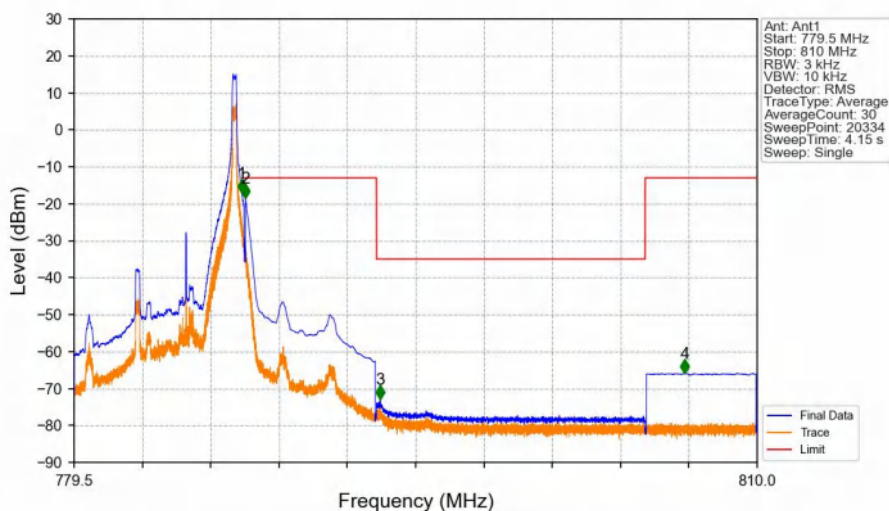
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

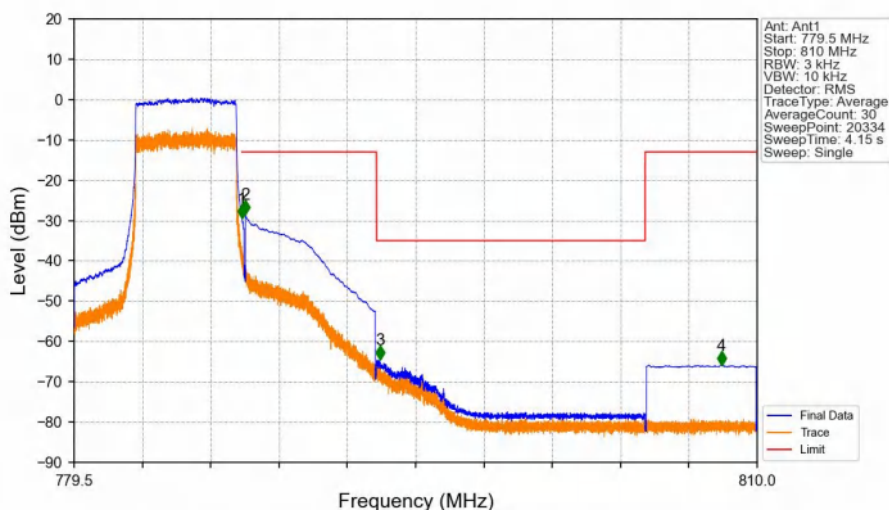


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



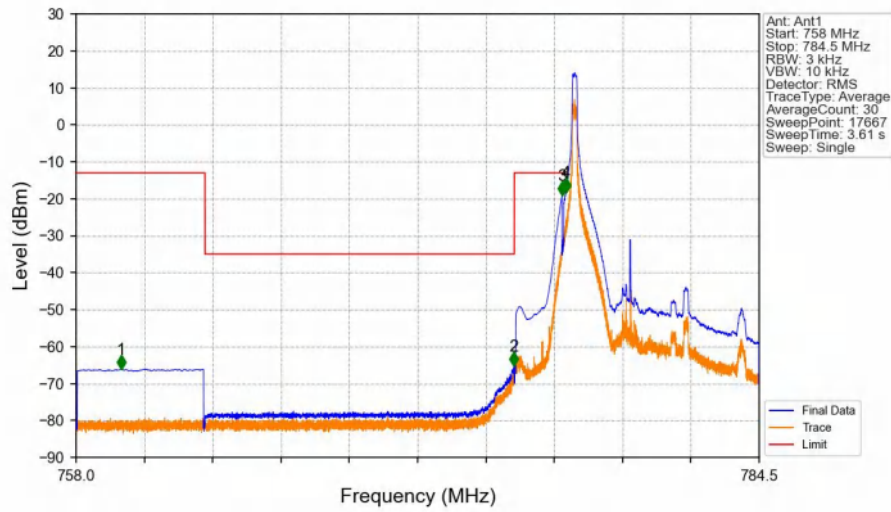
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-17.19	-13	Pass
787.1	793	0.1	CHP	2	787.150	-18.38	-13	Pass
793	805	0.00625	CHP	3	793.171	-72.95	-35	Pass
805	810	0.1	CHP	4	806.760	-65.93	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



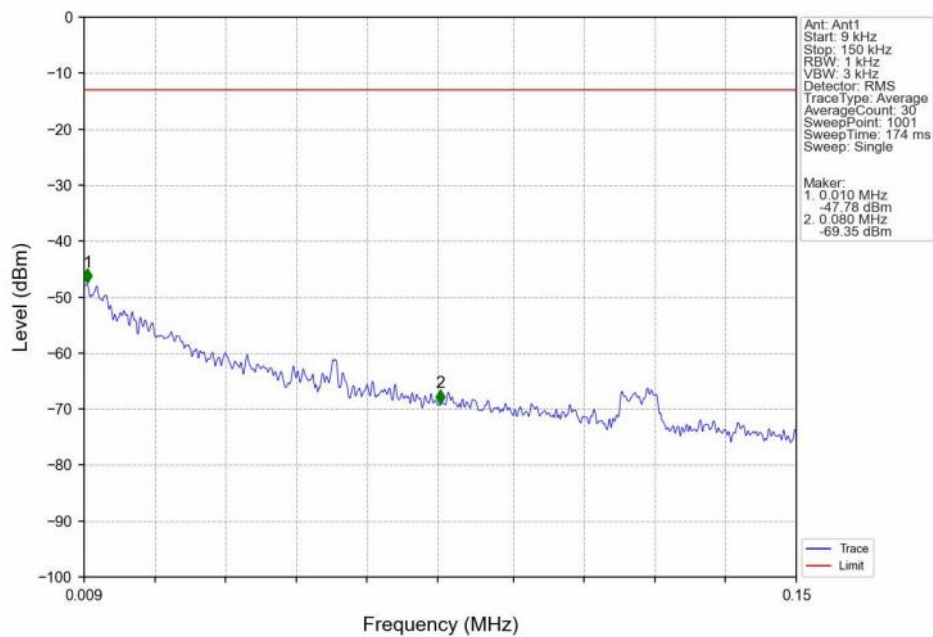
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-29.52	-13	Pass
787.1	793	0.1	CHP	2	787.150	-28.43	-13	Pass
793	805	0.00625	CHP	3	793.149	-64.55	-35	Pass
805	810	0.1	CHP	4	808.411	-65.84	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

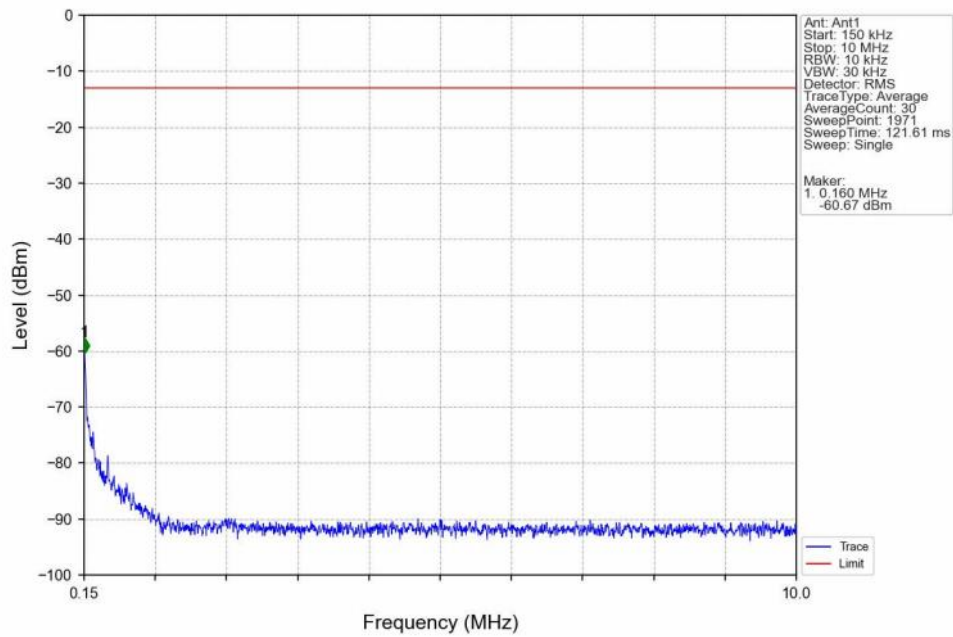


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.748	-66.04	-13	Pass
763	775	0.00625	CHP	2	774.985	-65.34	-35	Pass
775	776.9	0.1	CHP	3	776.850	-19.09	-13	Pass
776.9	777	0.03	CHP	4	777.000	-18.27	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

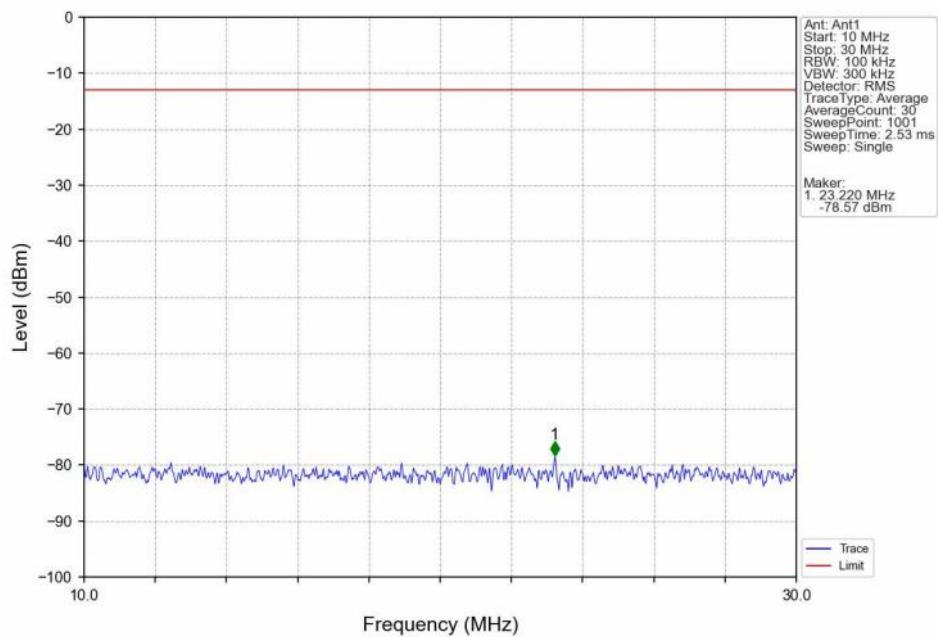
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



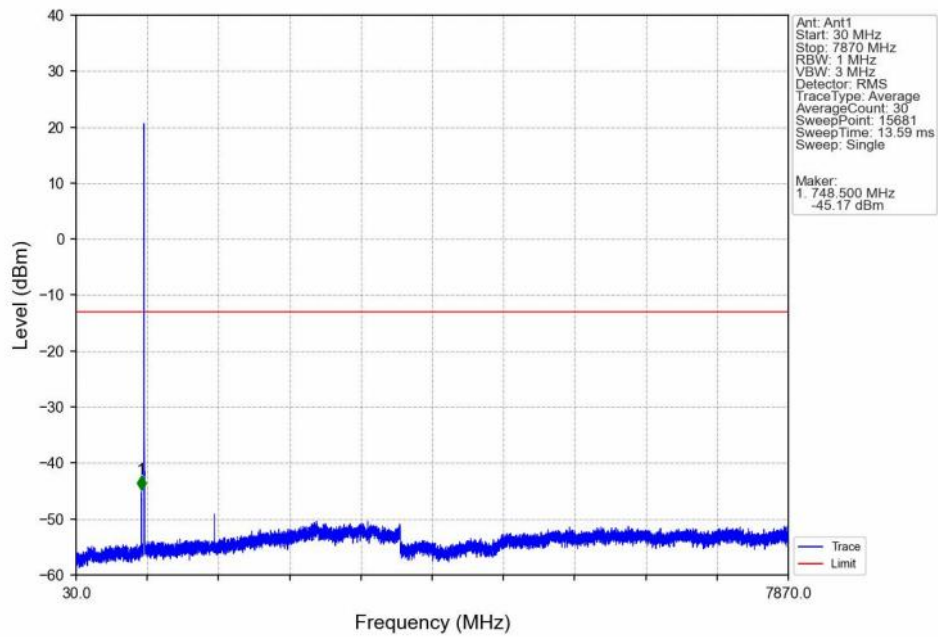
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



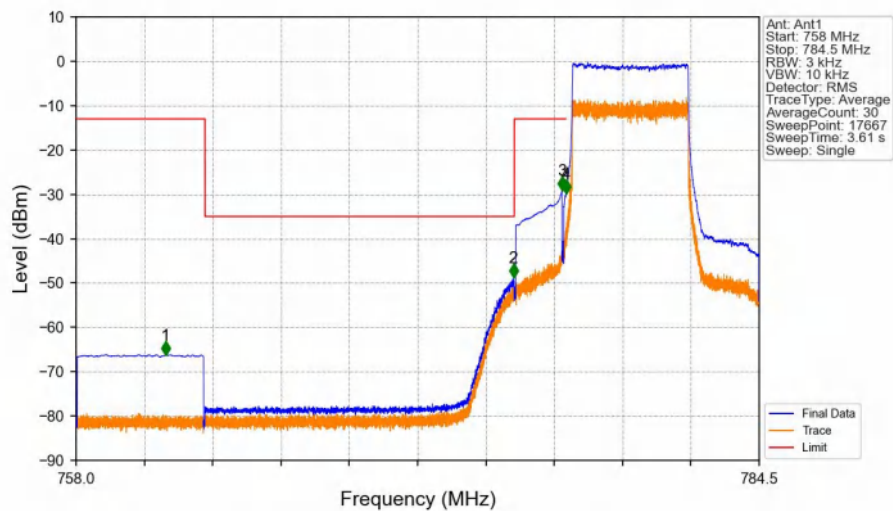
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

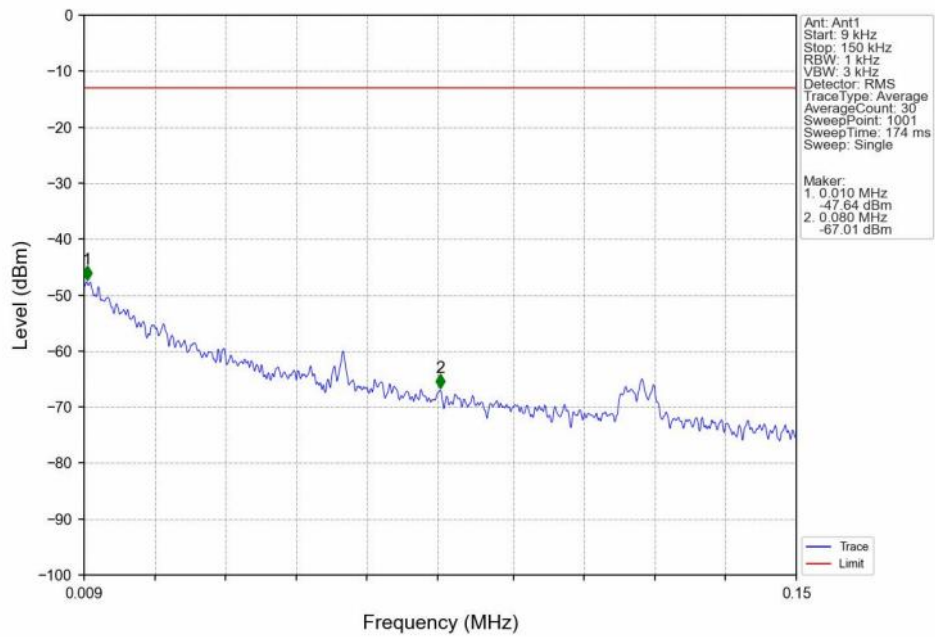


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

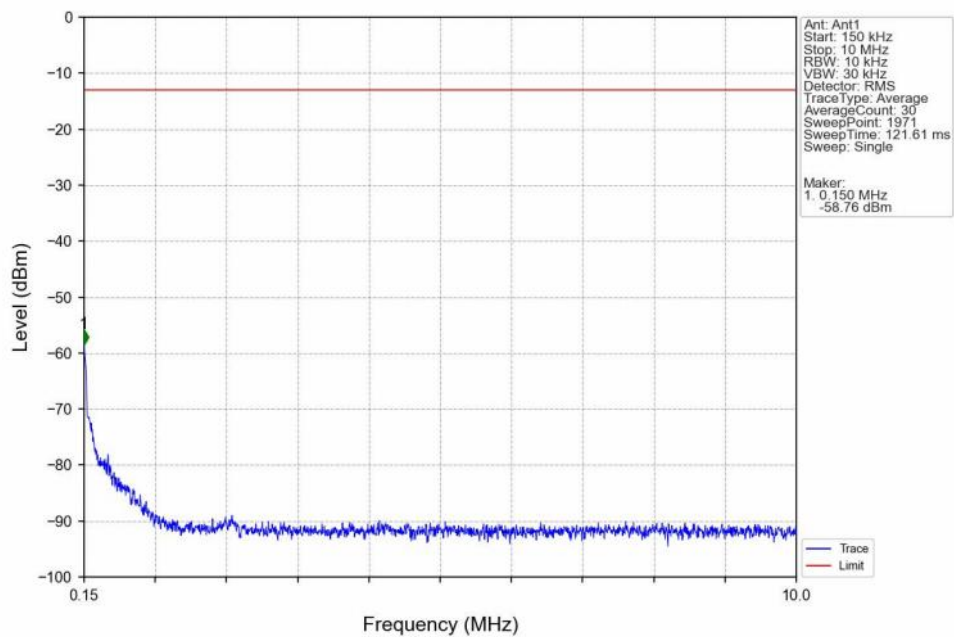


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.474	-66.18	-13	Pass
763	775	0.00625	CHP	2	774.963	-48.75	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.03	-13	Pass
776.9	777	0.03	CHP	4	777.000	-29.91	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

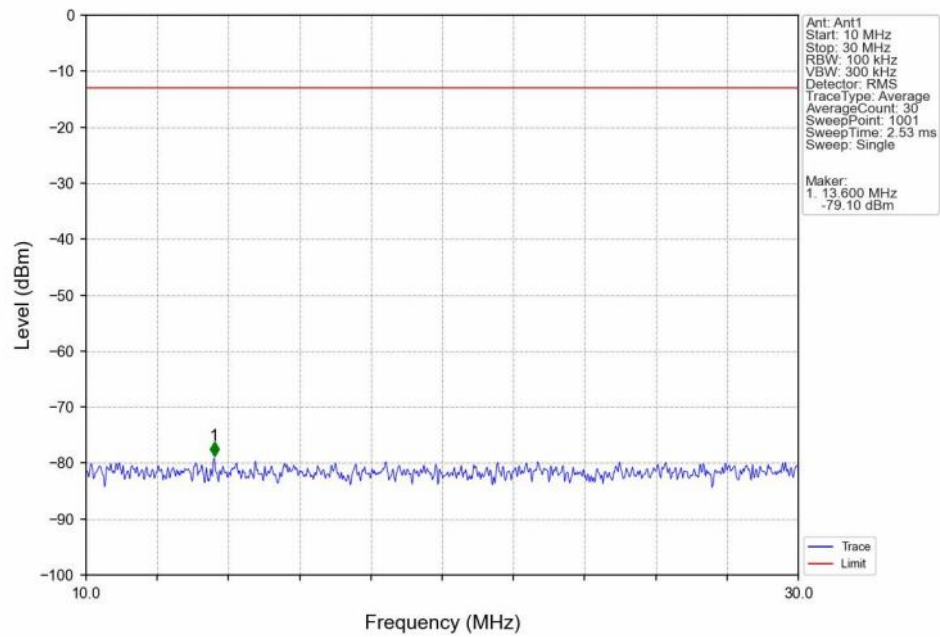
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



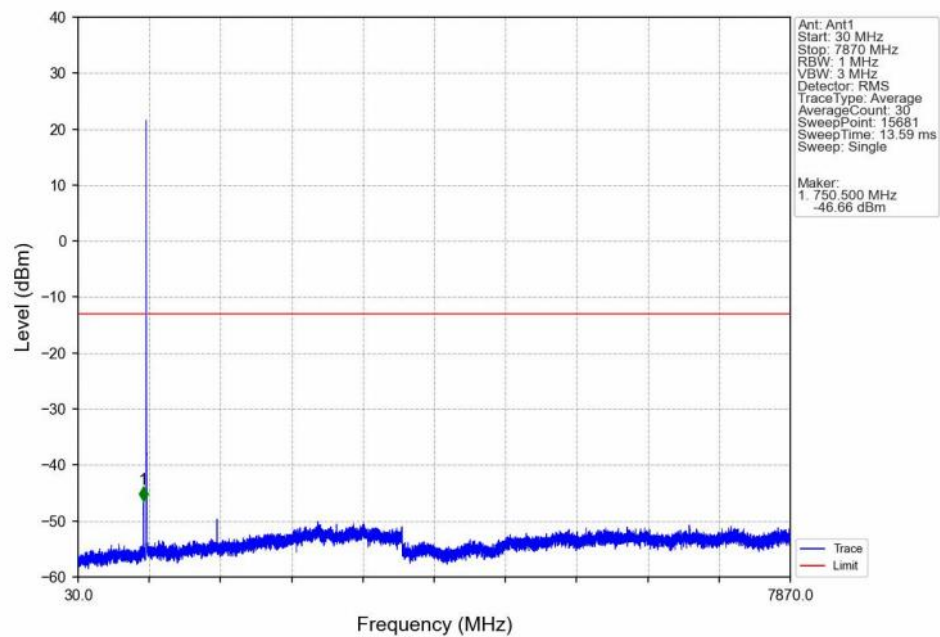
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



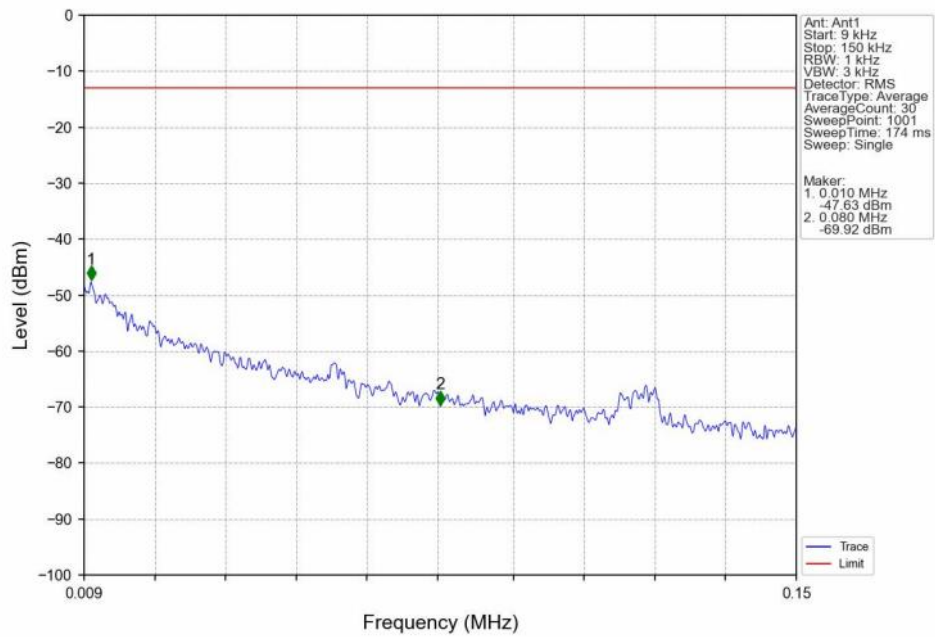
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



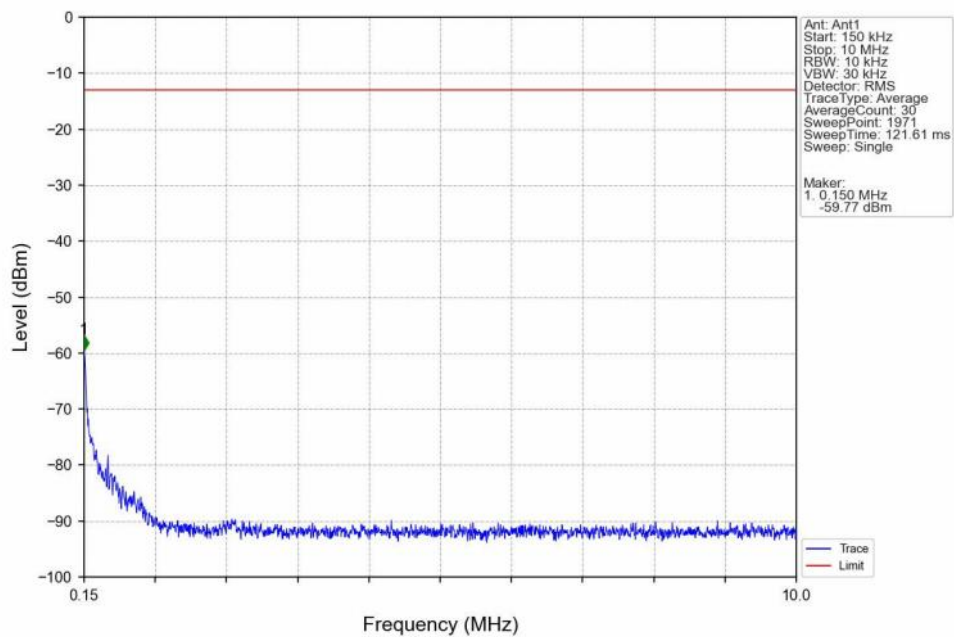
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



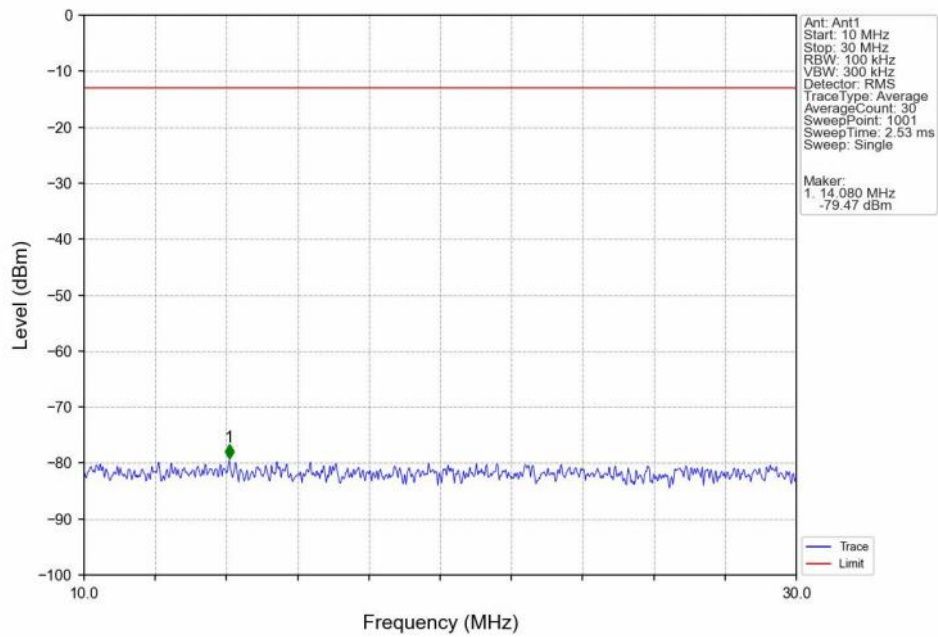
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



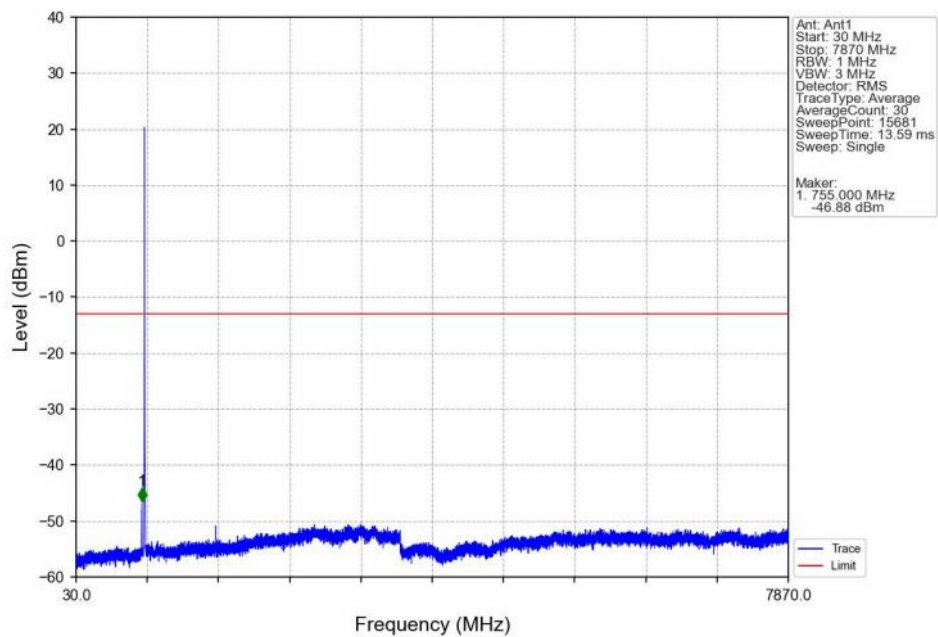
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



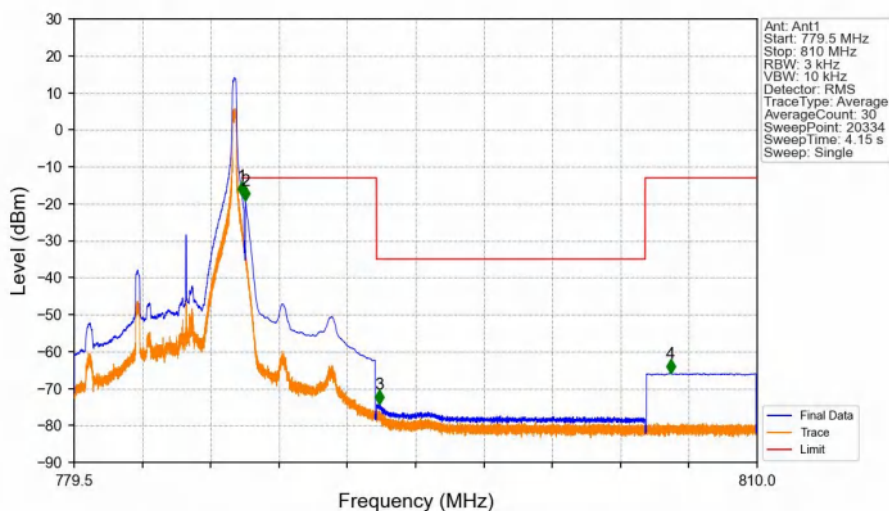
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



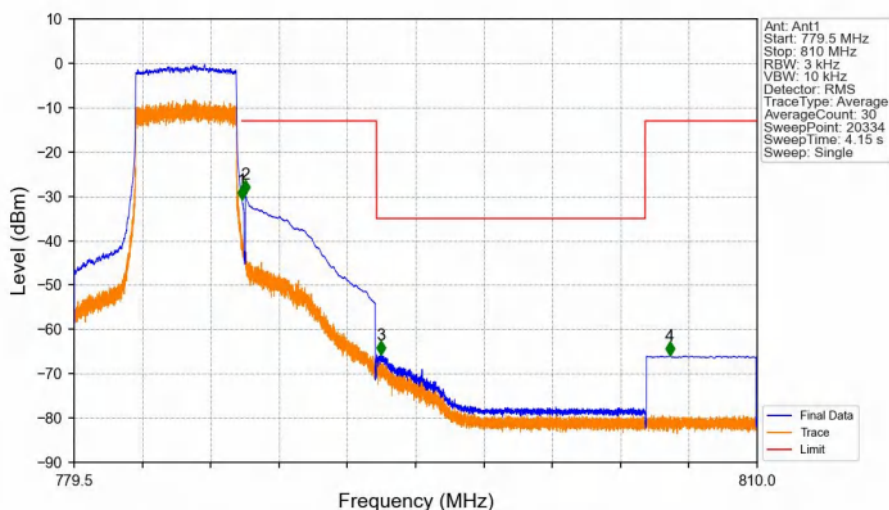
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



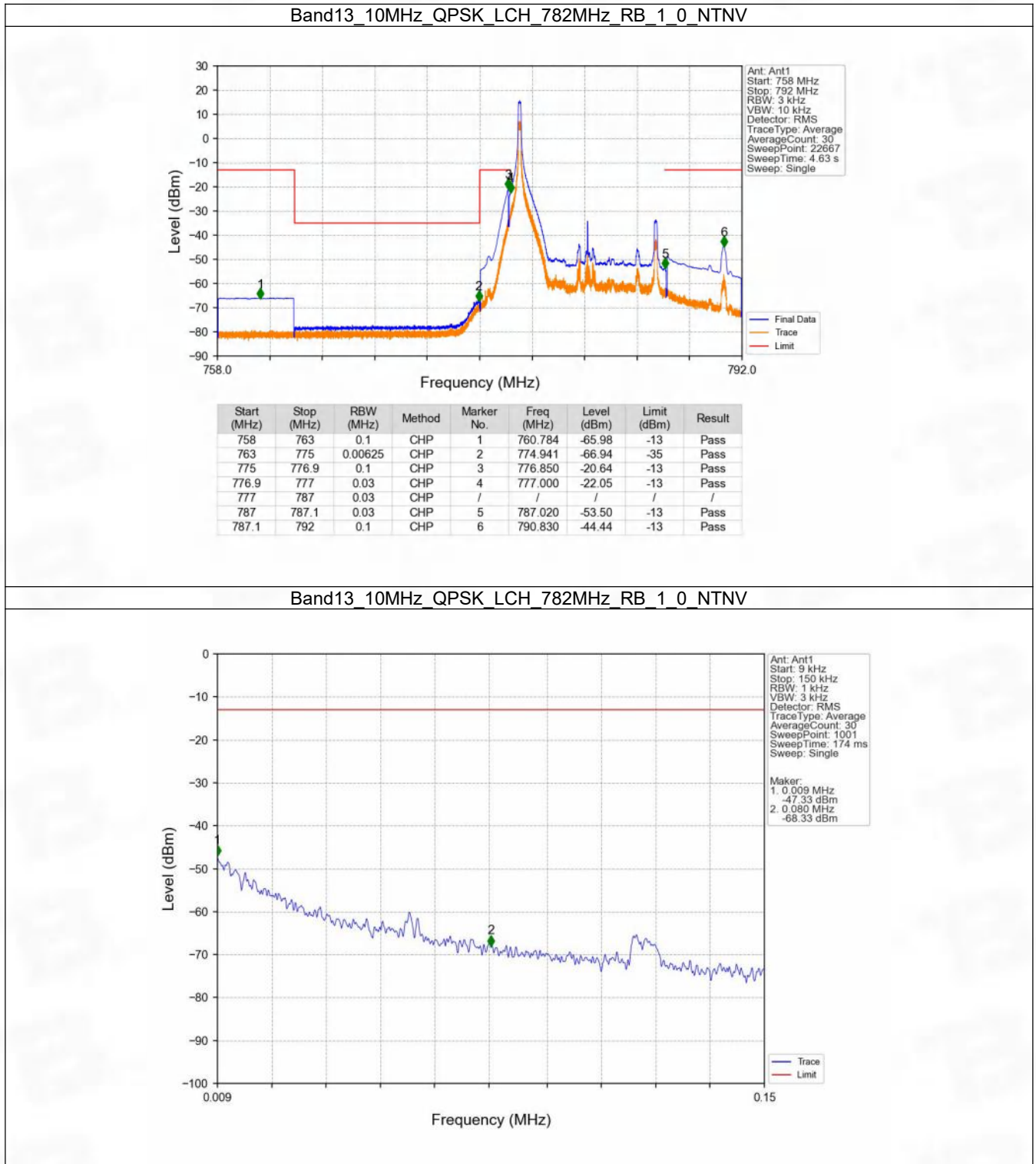
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



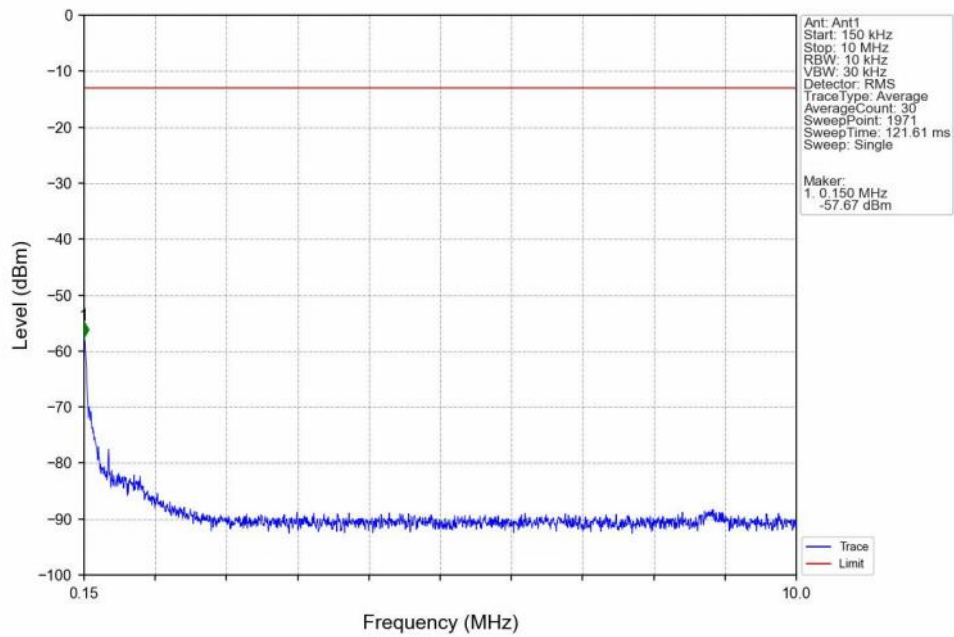
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



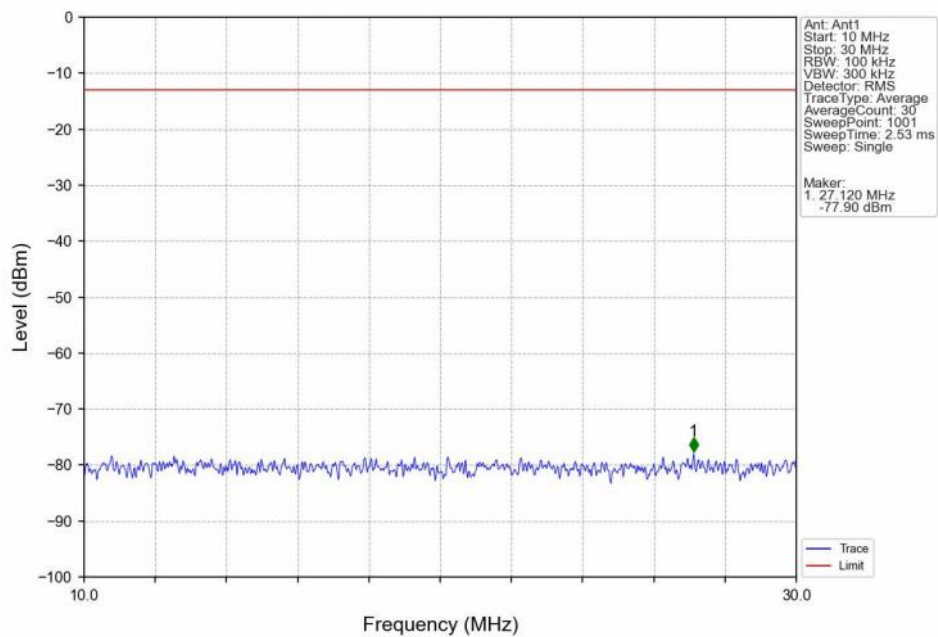
6.2.2 B13_10MHz



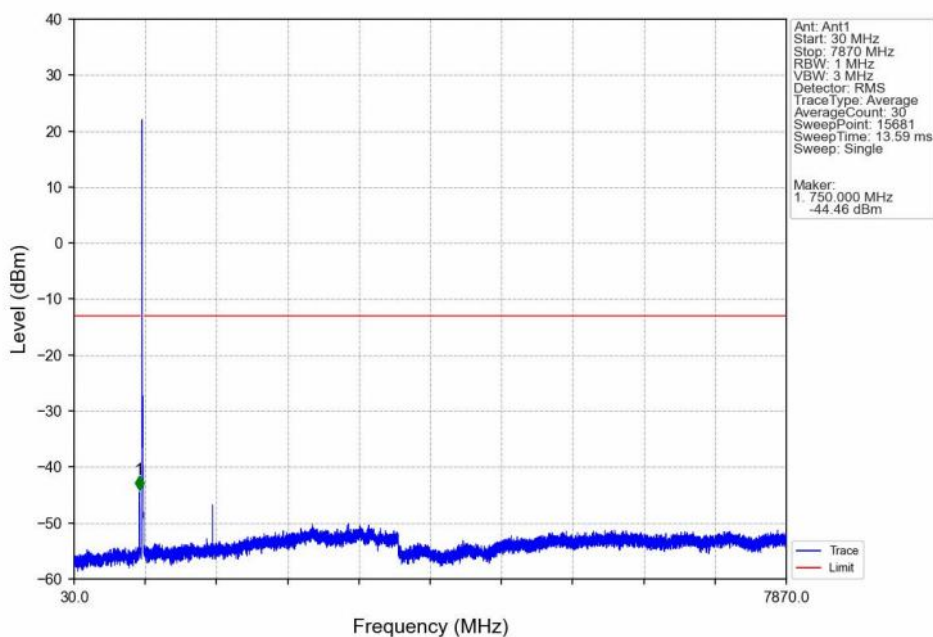
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



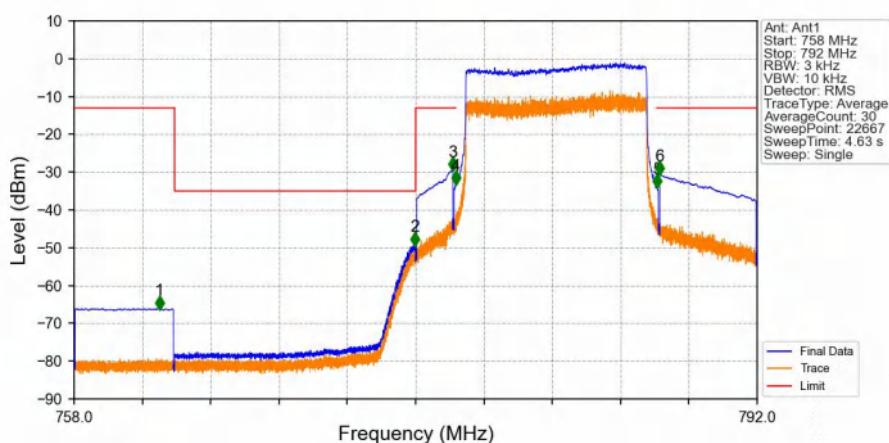
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

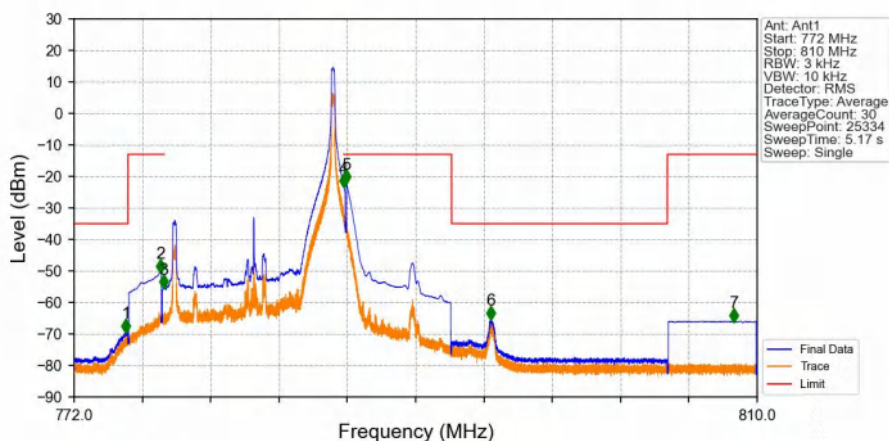


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



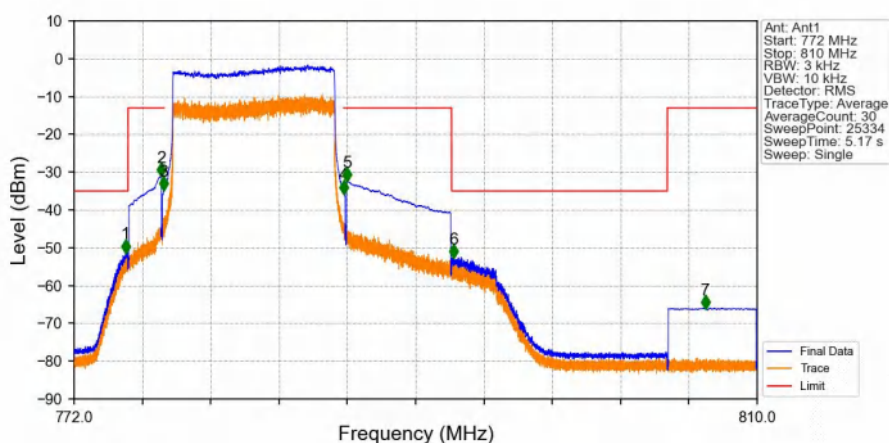
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.247	-66.10	-13	Pass
763	775	0.00625	CHP	2	774.955	-49.17	-35	Pass
775	776.9	0.1	CHP	3	776.848	-29.38	-13	Pass
776.9	777	0.03	CHP	4	776.997	-33.00	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.020	-33.91	-13	Pass
787.1	792	0.1	CHP	6	787.150	-30.49	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



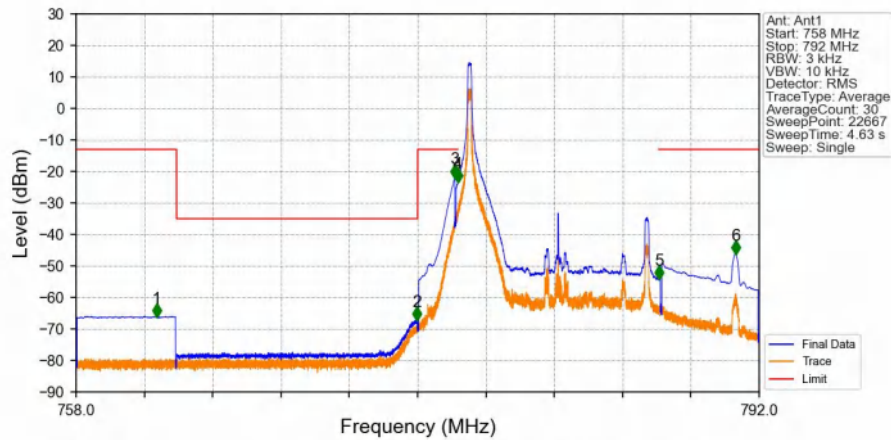
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.882	-69.25	-35	Pass
775	776.9	0.1	CHP	2	776.802	-50.25	-13	Pass
776.9	777	0.03	CHP	3	776.979	-55.34	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-23.19	-13	Pass
787.1	793	0.1	CHP	5	787.150	-21.92	-13	Pass
793	805	0.00625	CHP	6	795.193	-65.13	-35	Pass
805	810	0.1	CHP	7	808.714	-65.90	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



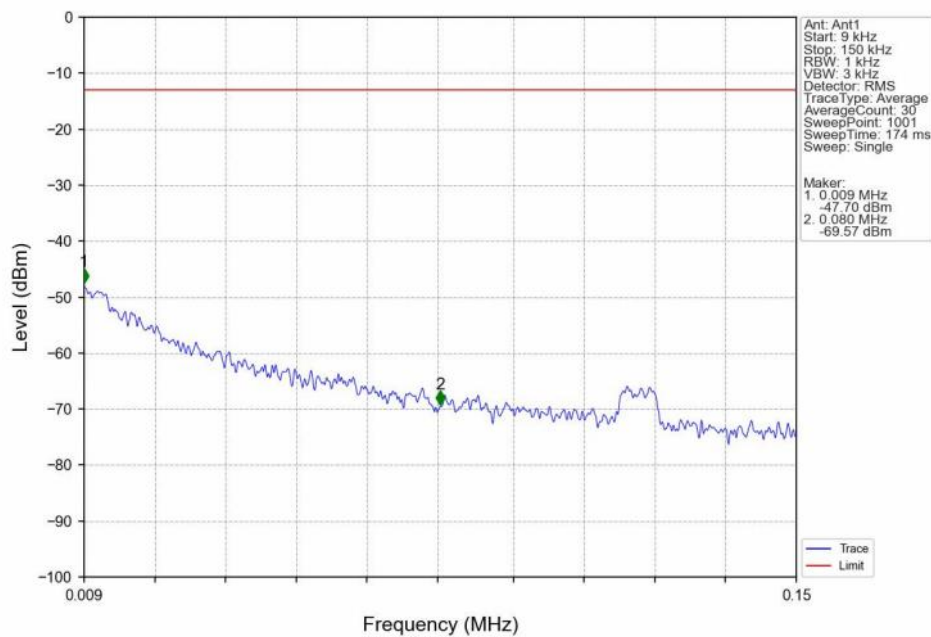
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.867	-51.11	-35	Pass
775	776.9	0.1	CHP	2	776.850	-30.96	-13	Pass
776.9	777	0.03	CHP	3	776.983	-34.53	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.003	-35.50	-13	Pass
787.1	793	0.1	CHP	5	787.182	-32.24	-13	Pass
793	805	0.00625	CHP	6	793.120	-52.48	-35	Pass
805	810	0.1	CHP	7	807.117	-65.95	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

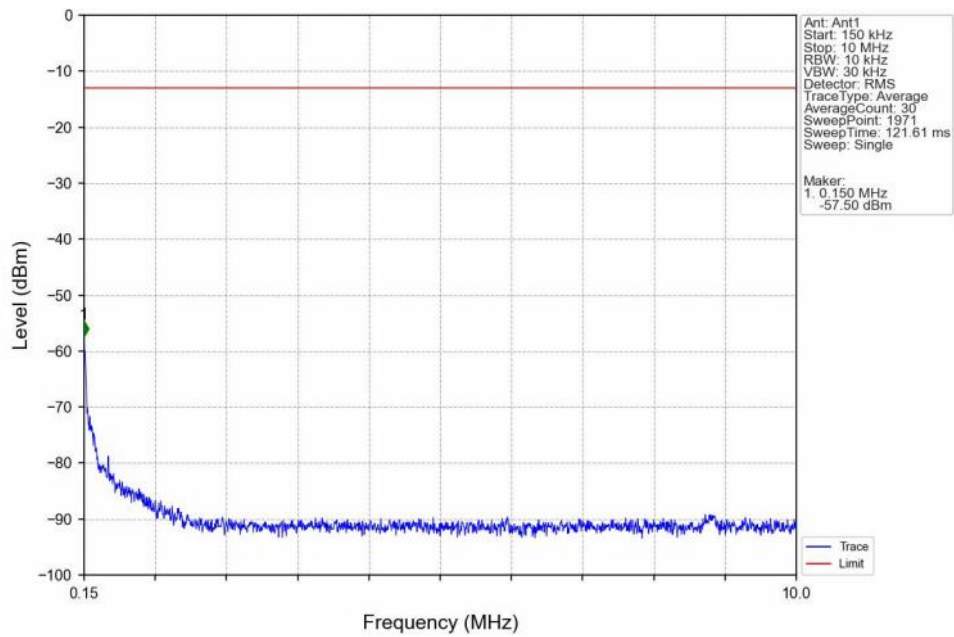


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.011	-66.08	-13	Pass
763	775	0.00625	CHP	2	774.971	-67.07	-35	Pass
775	776.9	0.1	CHP	3	776.850	-21.79	-13	Pass
776.9	777	0.03	CHP	4	777.000	-23.21	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.027	-53.99	-13	Pass
787.1	792	0.1	CHP	6	790.830	-46.04	-13	Pass

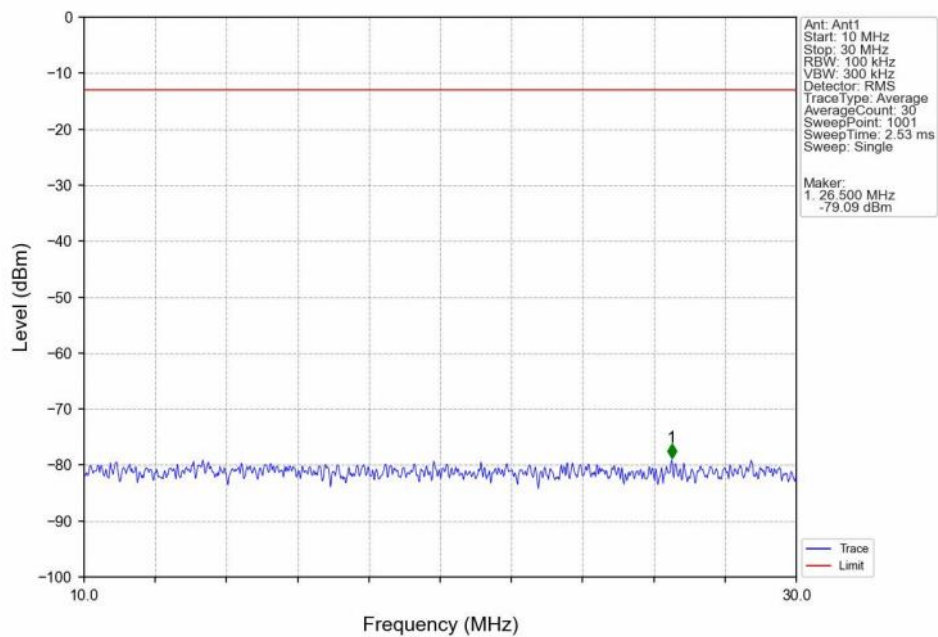
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



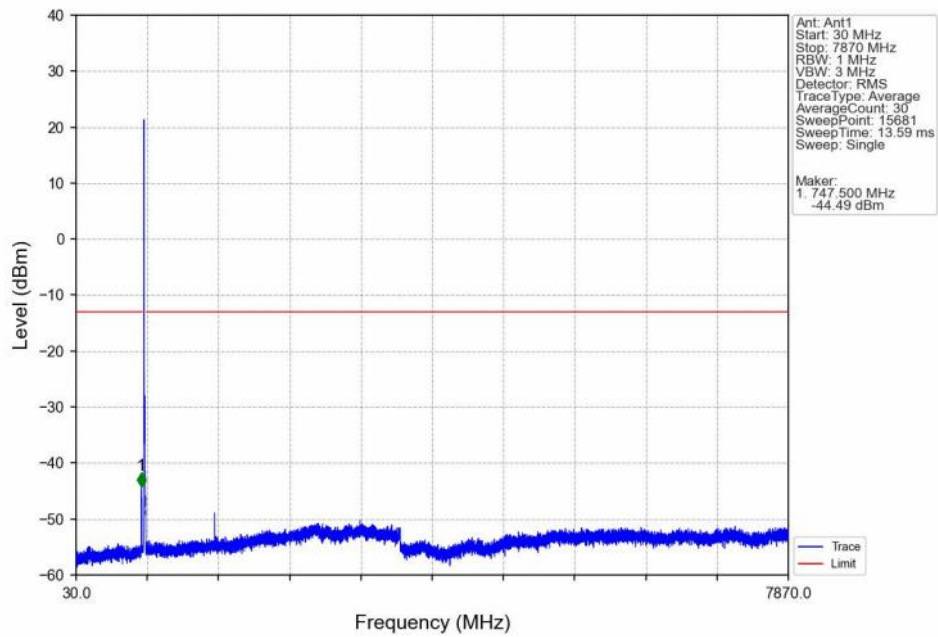
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



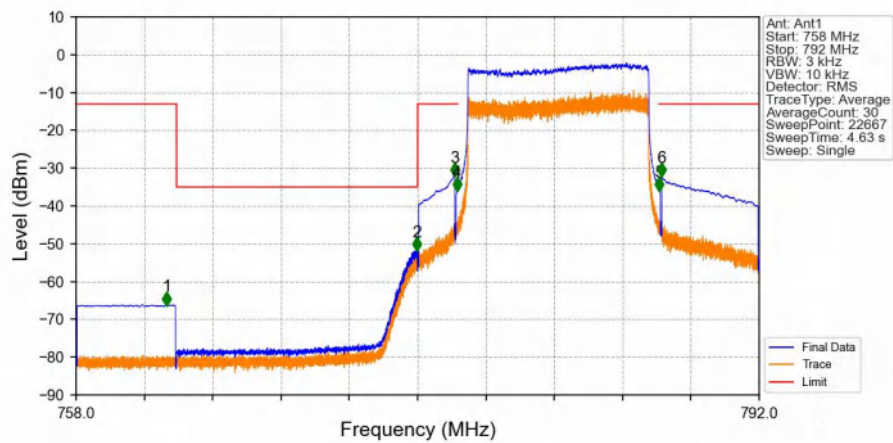
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

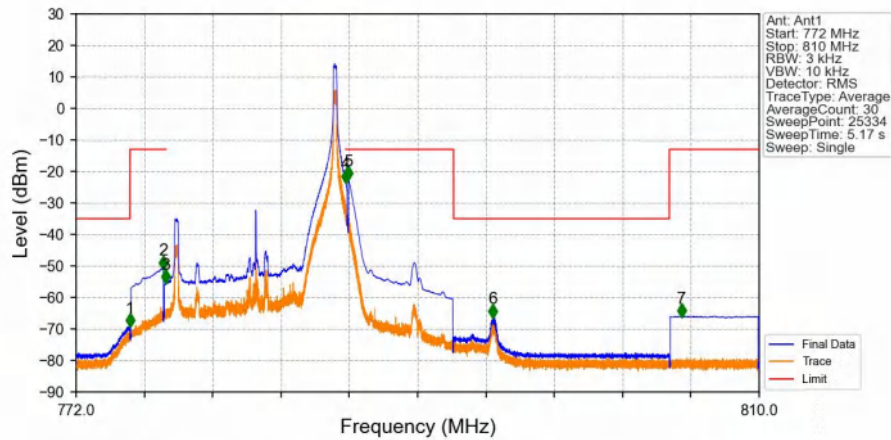


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



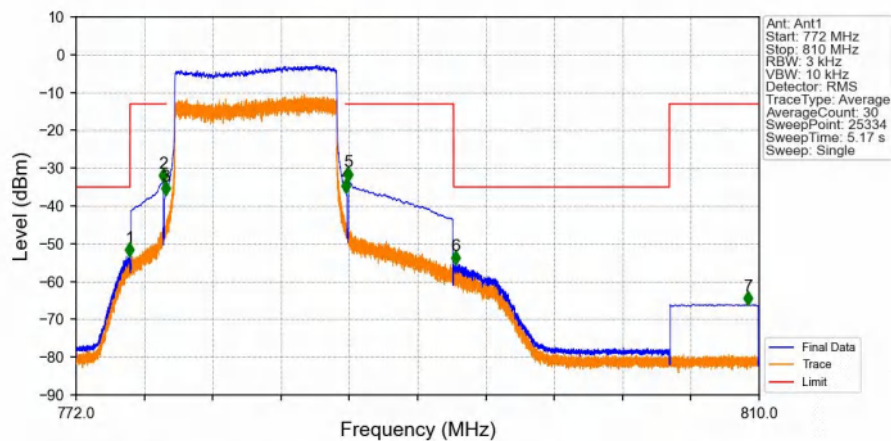
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.506	-66.06	-13	Pass
763	775	0.00625	CHP	2	774.968	-51.68	-35	Pass
775	776.9	0.1	CHP	3	776.835	-31.96	-13	Pass
776.9	777	0.03	CHP	4	776.959	-35.77	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-35.77	-13	Pass
787.1	792	0.1	CHP	6	787.150	-31.94	-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	774.996	-69.05	-35	Pass
775	776.9	0.1	CHP	2	776.842	-50.76	-13	Pass
776.9	777	0.03	CHP	3	777.000	-55.28	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-23.32	-13	Pass
787.1	793	0.1	CHP	5	787.150	-22.39	-13	Pass
793	805	0.00625	CHP	6	795.190	-66.14	-35	Pass
805	810	0.1	CHP	7	805.701	-65.96	-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	774.973	-53.19	-35	Pass
775	776.9	0.1	CHP	2	776.850	-33.48	-13	Pass
776.9	777	0.03	CHP	3	776.992	-36.86	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.017	-36.22	-13	Pass
787.1	793	0.1	CHP	5	787.150	-33.16	-13	Pass
793	805	0.00625	CHP	6	793.093	-55.23	-35	Pass
805	810	0.1	CHP	7	809.386	-66.04	-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	0.1811	0.0156	ppm	4M54G7D	27F	22.58
13	5	779.5	784.5	0.1531	0.0165	ppm	4M56W7D	27F	21.85
13	10	782	782	0.1879	0.0102	ppm	8M99G7D	27F	22.74
13	10	782	782	0.1710	0.0113	ppm	8M96W7D	27F	22.33

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	0.0635	0.0156	ppm	4M54G7D	27F	18.03
13	5	779.5	784.5	0.0537	0.0165	ppm	4M56W7D	27F	17.30
13	10	782	782	0.0659	0.0102	ppm	8M99G7D	27F	18.19
13	10	782	782	0.0600	0.0113	ppm	8M96W7D	27F	17.78