

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	28.84	-0.38	26.31	<=34.77	Pass	
			13	29.06	-0.38	26.53	<=34.77	Pass	
			24	28.84	-0.38	26.31	<=34.77	Pass	
		12	0	27.58	-0.38	25.05	<=34.77	Pass	
			6	27.50	-0.38	24.97	<=34.77	Pass	
			13	27.52	-0.38	24.99	<=34.77	Pass	
		25	0	27.51	-0.38	24.98	<=34.77	Pass	
		782	1	0	28.33	-0.38	25.80	<=34.77	Pass
				13	28.47	-0.38	25.94	<=34.77	Pass
	24			28.33	-0.38	25.80	<=34.77	Pass	
	12		0	27.35	-0.38	24.82	<=34.77	Pass	
			6	27.44	-0.38	24.91	<=34.77	Pass	
			13	27.45	-0.38	24.92	<=34.77	Pass	
	25	0	27.39	-0.38	24.86	<=34.77	Pass		
	784.5	1	0	28.32	-0.38	25.79	<=34.77	Pass	
			13	28.40	-0.38	25.87	<=34.77	Pass	
			24	28.32	-0.38	25.79	<=34.77	Pass	
		12	0	27.35	-0.38	24.82	<=34.77	Pass	
			6	27.43	-0.38	24.90	<=34.77	Pass	
			13	27.30	-0.38	24.77	<=34.77	Pass	
		25	0	27.29	-0.38	24.76	<=34.77	Pass	
16QAM		779.5	1	0	27.20	-0.38	24.67	<=34.77	Pass
				13	27.38	-0.38	24.85	<=34.77	Pass
	24			27.21	-0.38	24.68	<=34.77	Pass	
	12		0	26.43	-0.38	23.90	<=34.77	Pass	
			6	26.50	-0.38	23.97	<=34.77	Pass	
			13	26.54	-0.38	24.01	<=34.77	Pass	
	25		0	26.55	-0.38	24.02	<=34.77	Pass	
	782	1	0	27.46	-0.38	24.93	<=34.77	Pass	
			13	27.56	-0.38	25.03	<=34.77	Pass	
			24	27.43	-0.38	24.90	<=34.77	Pass	
		12	0	26.35	-0.38	23.82	<=34.77	Pass	
			6	26.45	-0.38	23.92	<=34.77	Pass	
			13	26.47	-0.38	23.94	<=34.77	Pass	
	25	0	26.47	-0.38	23.94	<=34.77	Pass		
	784.5	1	0	27.56	-0.38	25.03	<=34.77	Pass	
			13	27.63	-0.38	25.10	<=34.77	Pass	
			24	27.57	-0.38	25.04	<=34.77	Pass	
		12	0	26.44	-0.38	23.91	<=34.77	Pass	
			6	26.58	-0.38	24.05	<=34.77	Pass	
			13	26.32	-0.38	23.79	<=34.77	Pass	
		25	0	26.35	-0.38	23.82	<=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	28.81	-0.38	26.28	<=34.77	Pass
			25	29.00	-0.38	26.47	<=34.77	Pass
			49	28.89	-0.38	26.36	<=34.77	Pass
		25	0	27.79	-0.38	25.26	<=34.77	Pass
			13	27.89	-0.38	25.36	<=34.77	Pass
			25	27.87	-0.38	25.34	<=34.77	Pass
		50	0	27.85	-0.38	25.32	<=34.77	Pass
16QAM	782	1	0	27.94	-0.38	25.41	<=34.77	Pass
			25	28.04	-0.38	25.51	<=34.77	Pass
			49	27.90	-0.38	25.37	<=34.77	Pass
		25	0	26.92	-0.38	24.39	<=34.77	Pass
			13	27.01	-0.38	24.48	<=34.77	Pass
			25	27.01	-0.38	24.48	<=34.77	Pass
		50	0	26.95	-0.38	24.42	<=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	-6.366	-0.0082	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0047	-2.5 to 2.5	Pass
					4.43	-6.151	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-8.183	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-9.799	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-9.627	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-7.725	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-4.435	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-6.065	-0.0078	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-6.552	-0.0084	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0038	-2.5 to 2.5	Pass
					4.43	-4.420	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-7.124	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-8.554	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-1.259	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-6.208	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-4.063	-0.0052	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-6.952	-0.0089	-2.5 to 2.5	Pass
					3.85	-8.125	-0.0104	-2.5 to 2.5	Pass
					4.43	-7.353	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-8.841	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-7.381	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-11.373	-0.0145	-2.5 to 2.5	Pass

16QAM				10	3.85	-9.670	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-6.766	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-7.482	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0088	-2.5 to 2.5	Pass
	779.5	25	0	20	3.27	-5.465	-0.0070	-2.5 to 2.5	Pass
					3.85	-6.609	-0.0085	-2.5 to 2.5	Pass
					4.43	-8.426	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-8.211	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-7.124	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-7.281	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-9.127	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-6.838	-0.0088	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-6.137	-0.0078	-2.5 to 2.5	Pass
					3.85	-8.855	-0.0113	-2.5 to 2.5	Pass
					4.43	-7.753	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-7.610	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-7.782	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-11.473	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-12.817	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-7.625	-0.0098	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-4.549	-0.0058	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0039	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-7.811	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-11.044	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-4.363	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-7.110	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-7.410	-0.0094	-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	-5.937	-0.0076	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0058	-2.5 to 2.5	Pass
					4.43	-6.452	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-4.334	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-6.866	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-6.967	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-7.639	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-7.596	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-3.390	-0.0043	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-5.608	-0.0072	-2.5 to 2.5	Pass
					3.85	-8.712	-0.0111	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0088	-2.5 to 2.5	Pass

				-30	3.85	-5.851	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-10.343	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-8.283	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-7.510	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-6.208	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-9.742	-0.0125	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

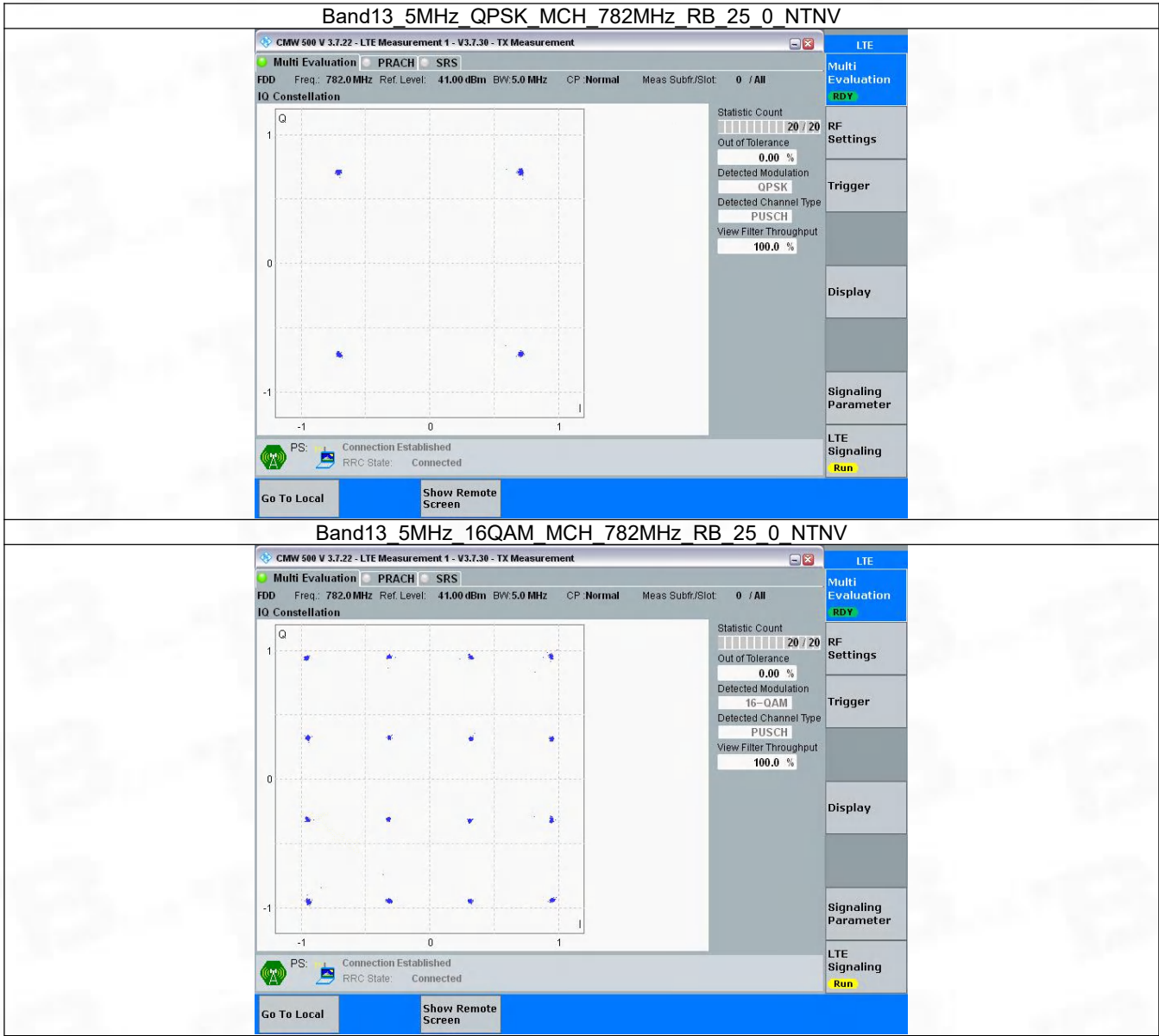
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

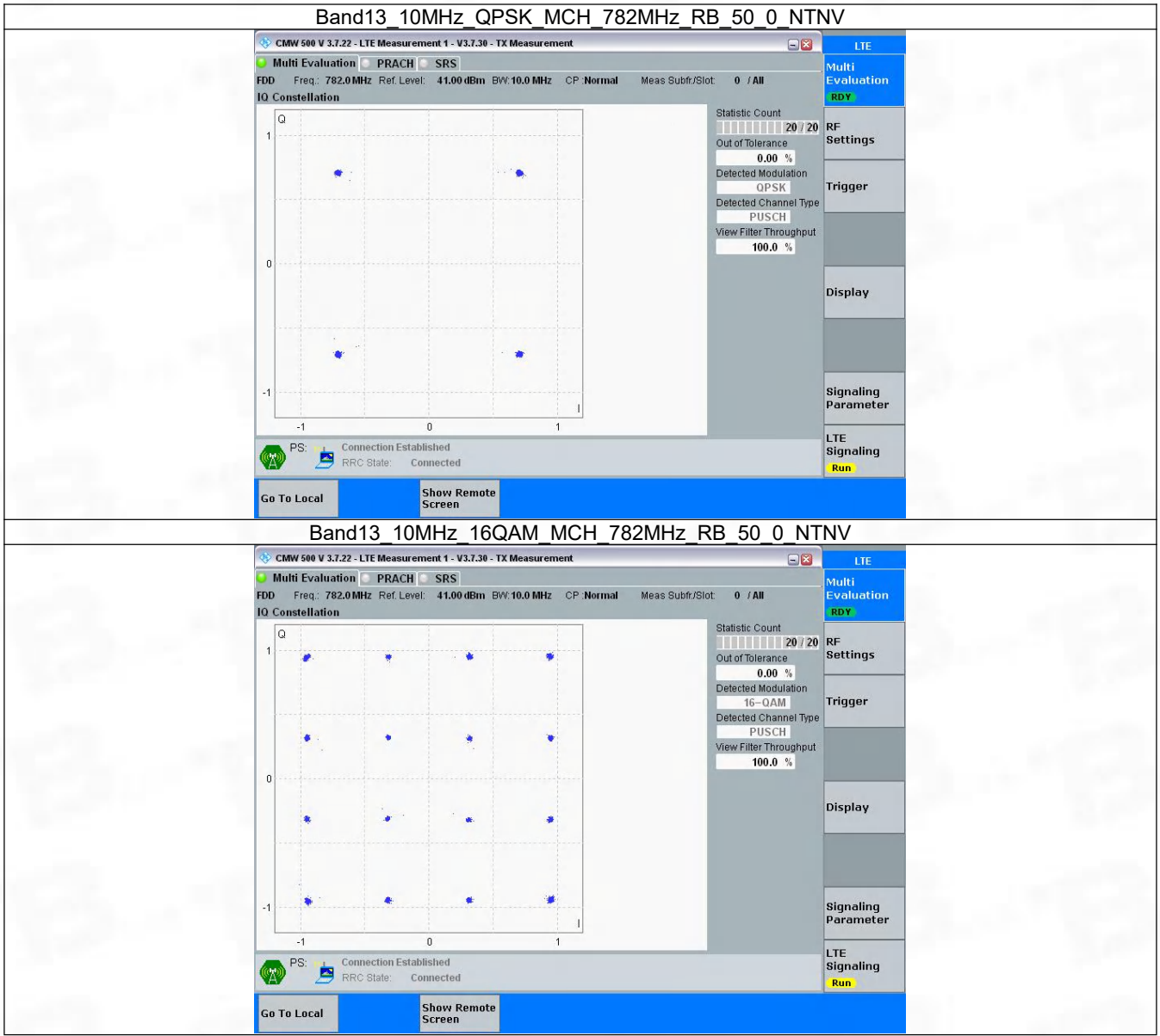
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2 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

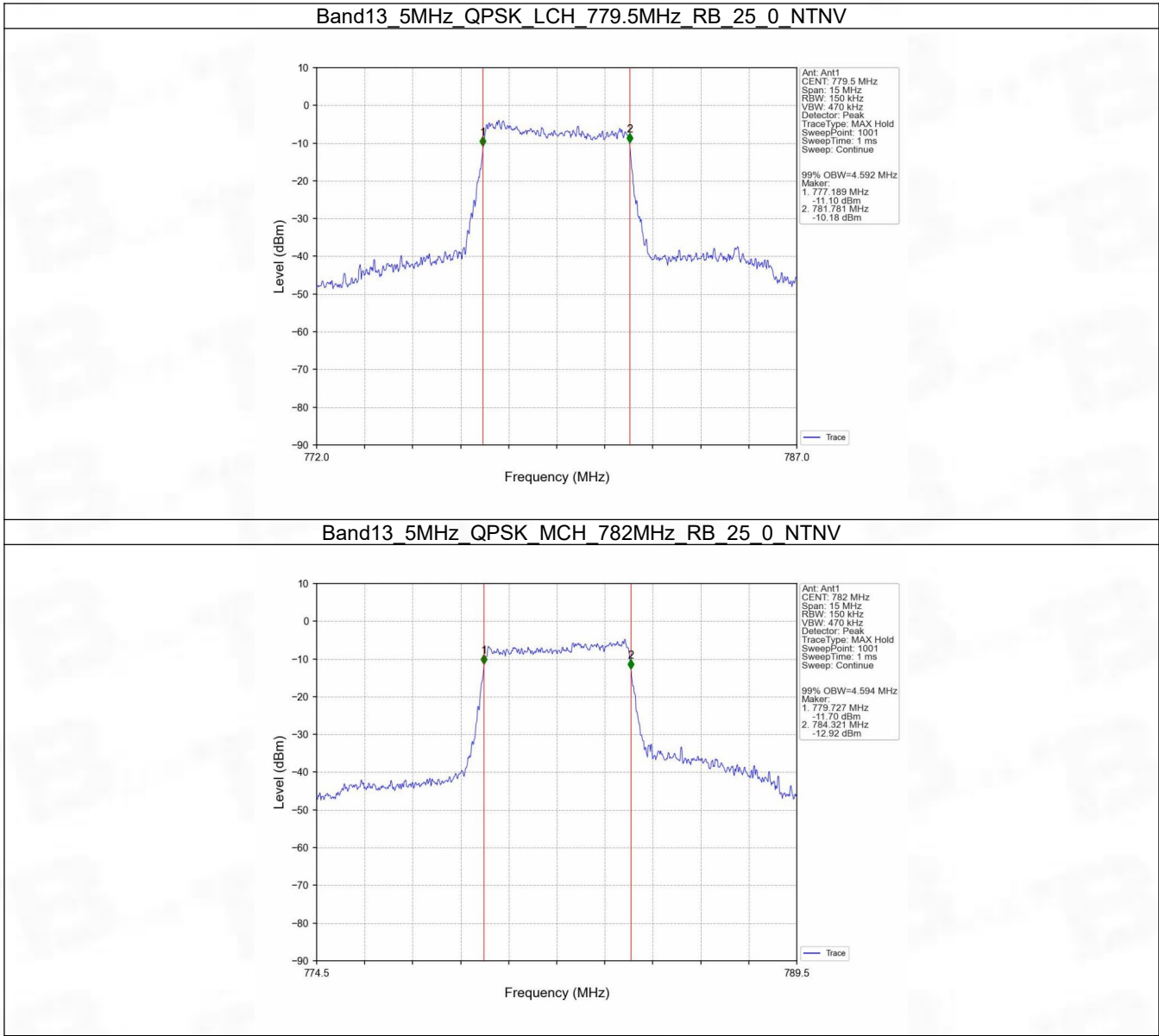
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.592	/	Pass
		782	25	0	4.594	/	Pass
		784.5	25	0	4.569	/	Pass
	16QAM	779.5	25	0	4.644	/	Pass
		782	25	0	4.634	/	Pass
		784.5	25	0	4.572	/	Pass
10	QPSK	782	50	0	9.213	/	Pass
	16QAM	782	50	0	9.187	/	Pass

4.1.2 Band13_XDB

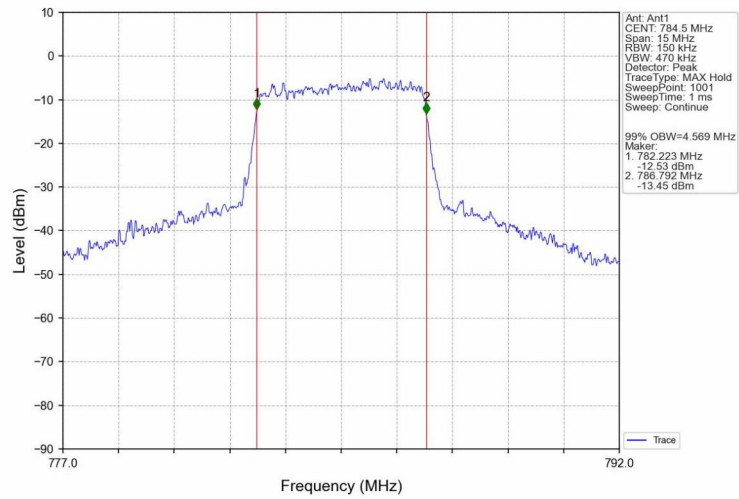
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.294	/	Pass
		782	25	0	5.227	/	Pass
		784.5	25	0	5.277	/	Pass
	16QAM	779.5	25	0	5.322	/	Pass
		782	25	0	5.292	/	Pass
		784.5	25	0	5.325	/	Pass
10	QPSK	782	50	0	12.369	/	Pass
	16QAM	782	50	0	10.317	/	Pass

4.2 Test Graph

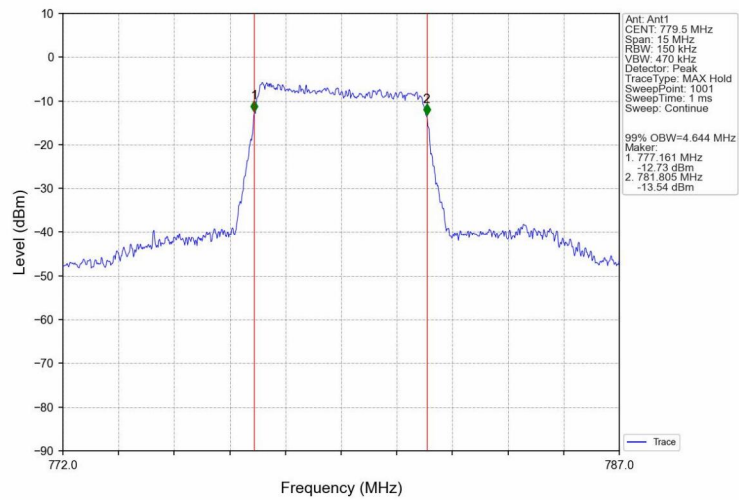
4.2.1 Band13_OBW



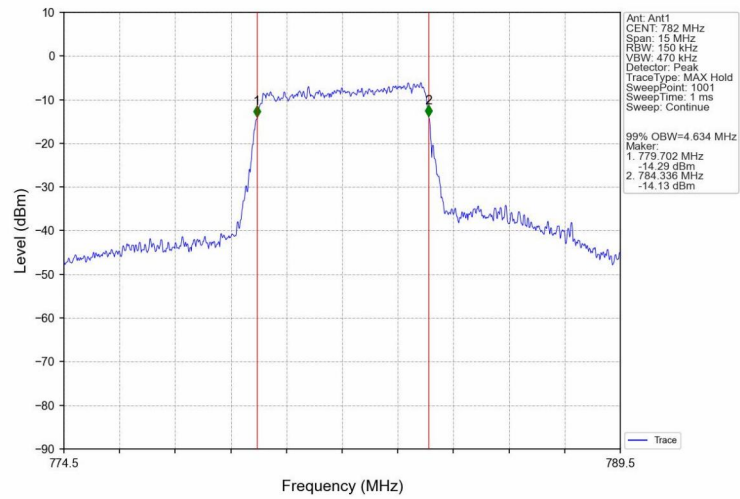
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



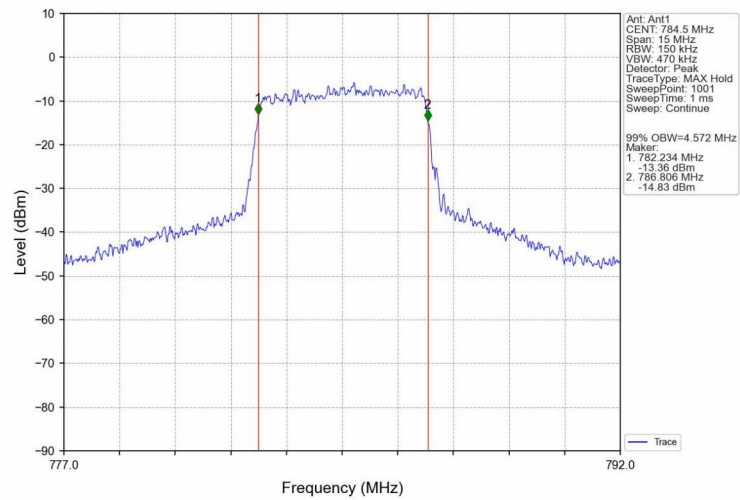
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



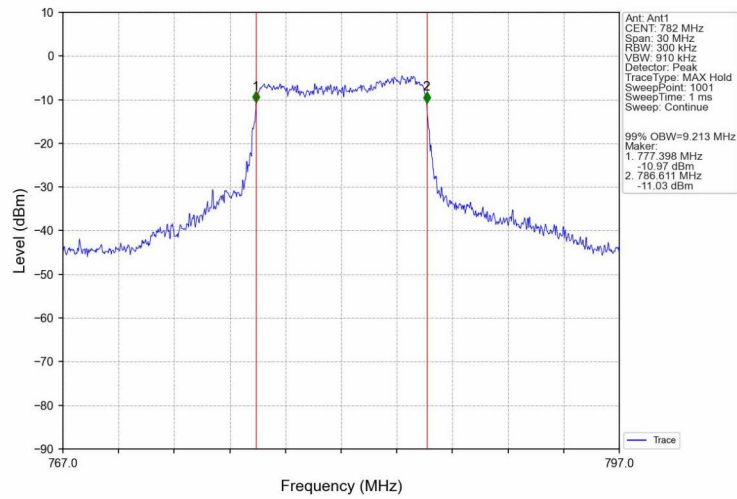
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



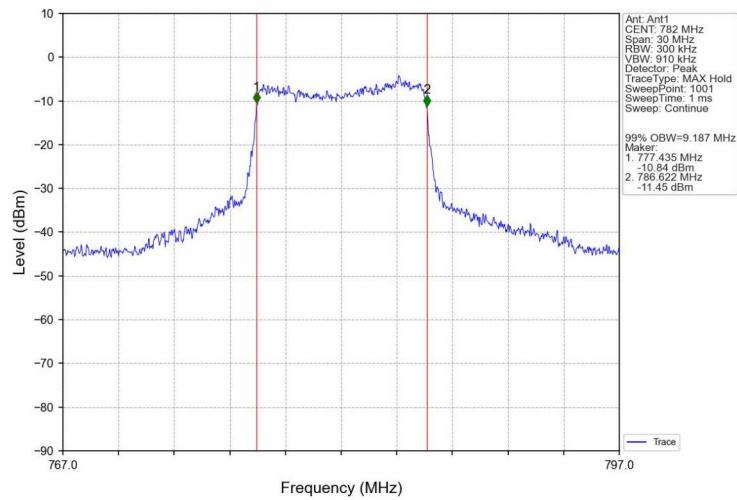
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



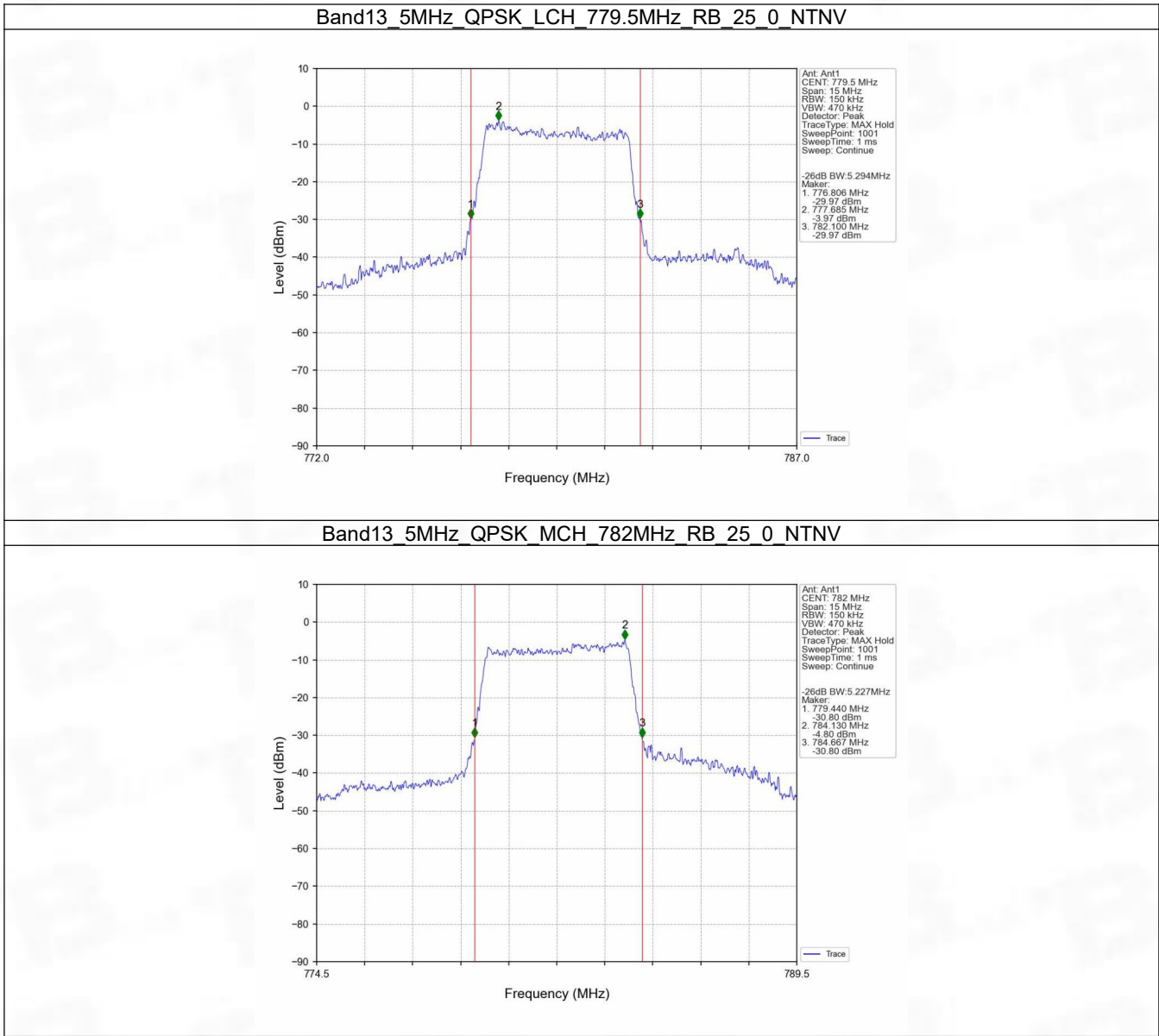
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



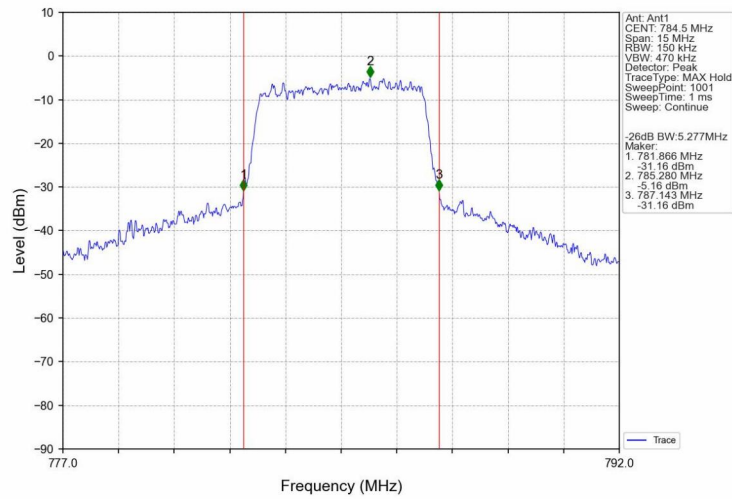
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



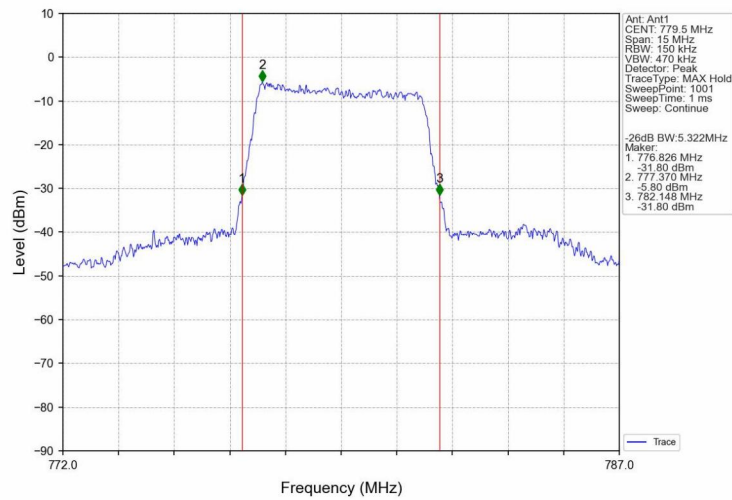
4.2.2 Band13_XDB



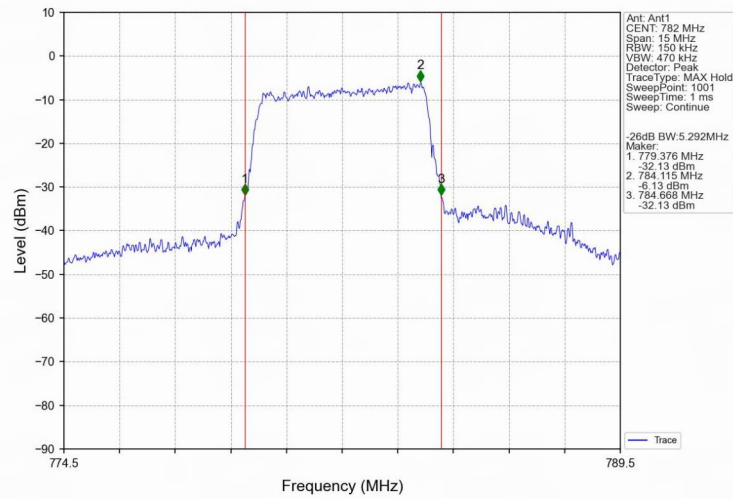
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



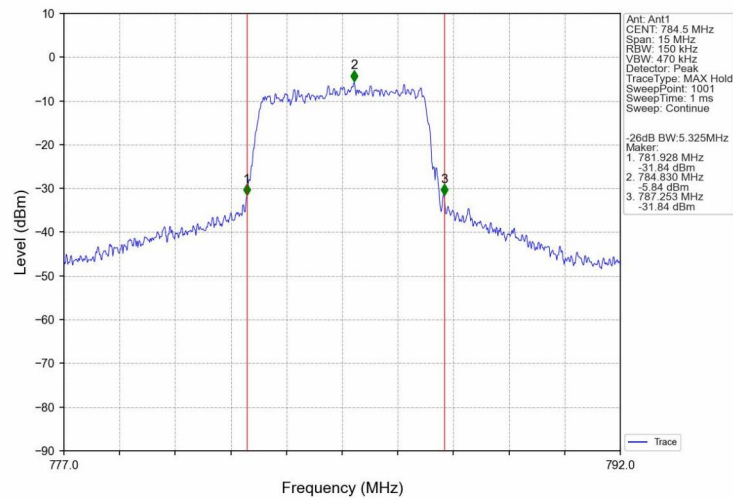
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



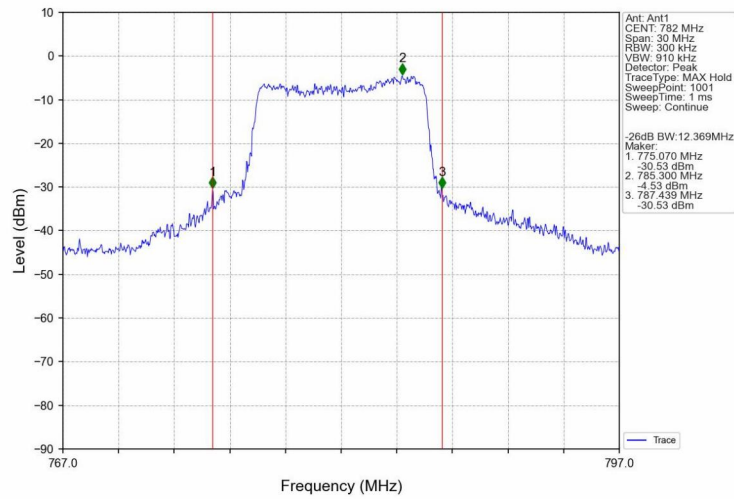
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



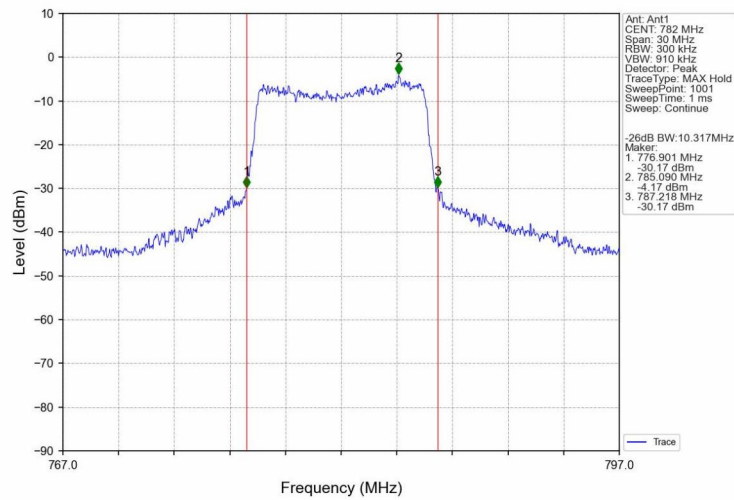
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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

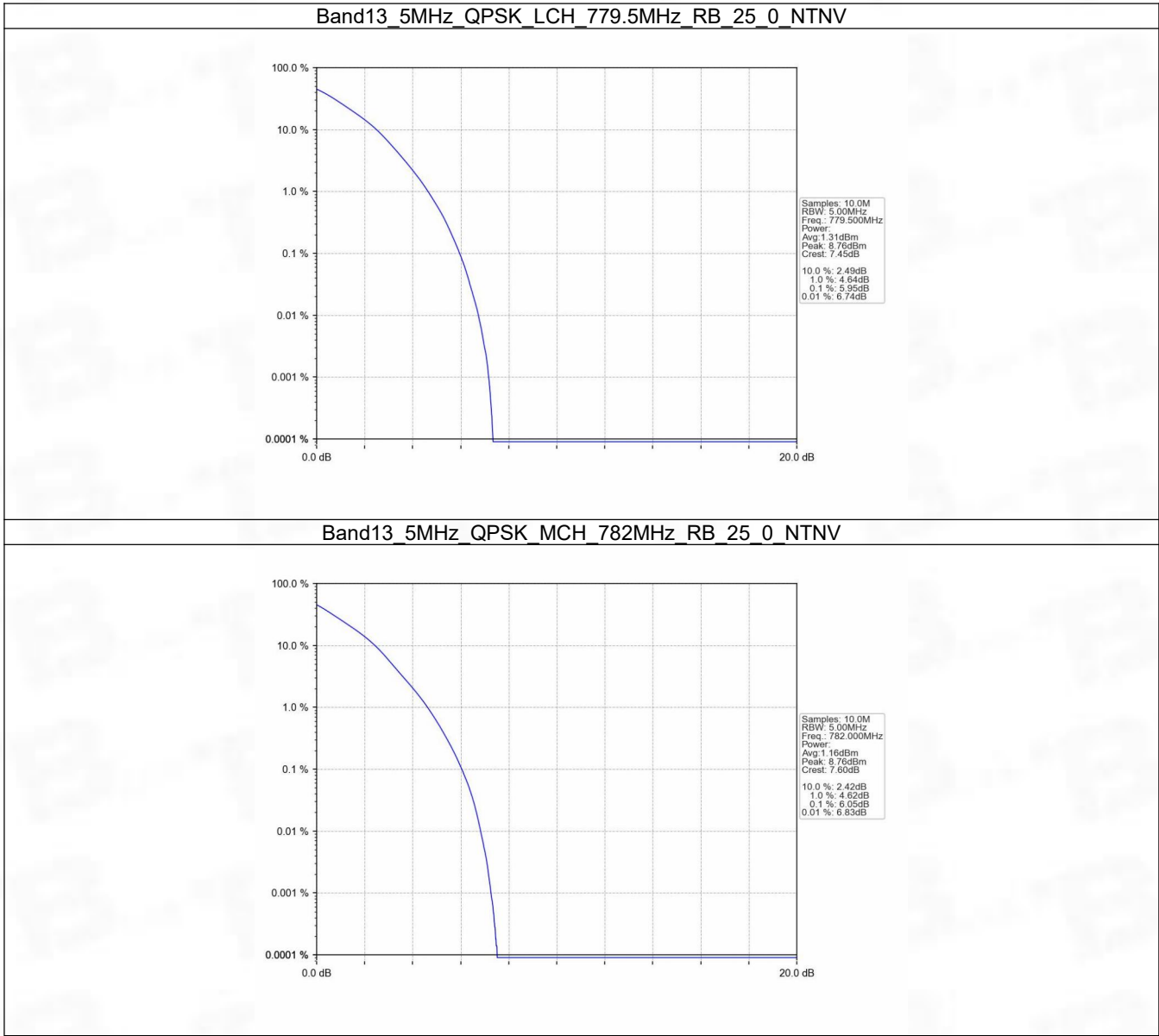
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.95	<=13	Pass
	782	25	0	6.05	<=13	Pass
	784.5	25	0	4.80	<=13	Pass
16QAM	779.5	25	0	6.56	<=13	Pass
	782	25	0	6.71	<=13	Pass
	784.5	25	0	5.48	<=13	Pass

5.1.2 B13_10MHz

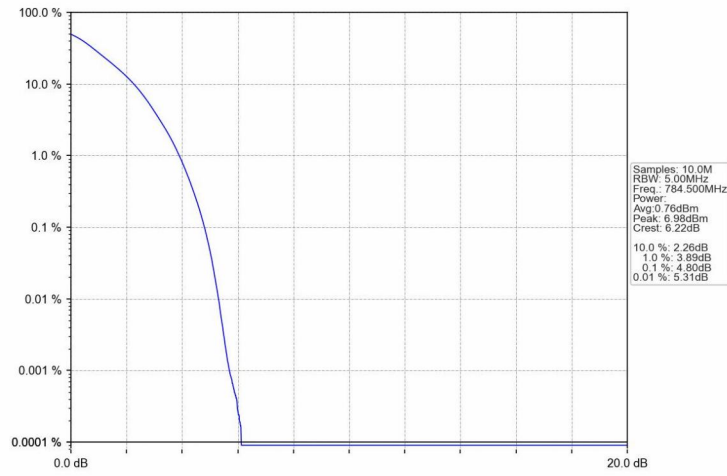
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.41	<=13	Pass
16QAM	782	50	0	6.16	<=13	Pass

5.2 Test Graph

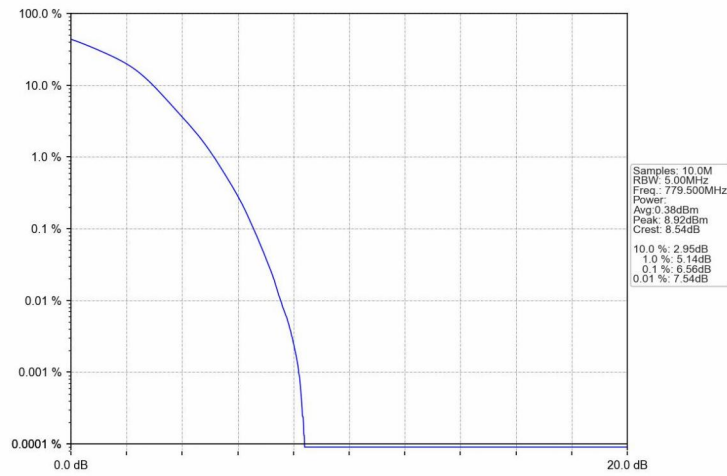
5.2.1 B13_5MHz



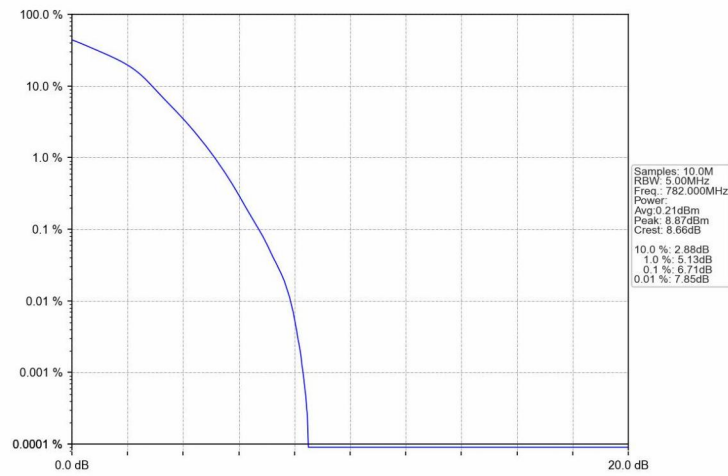
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



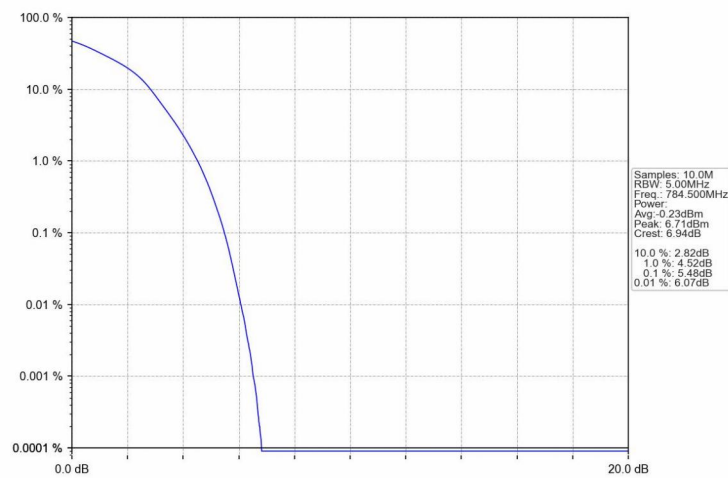
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



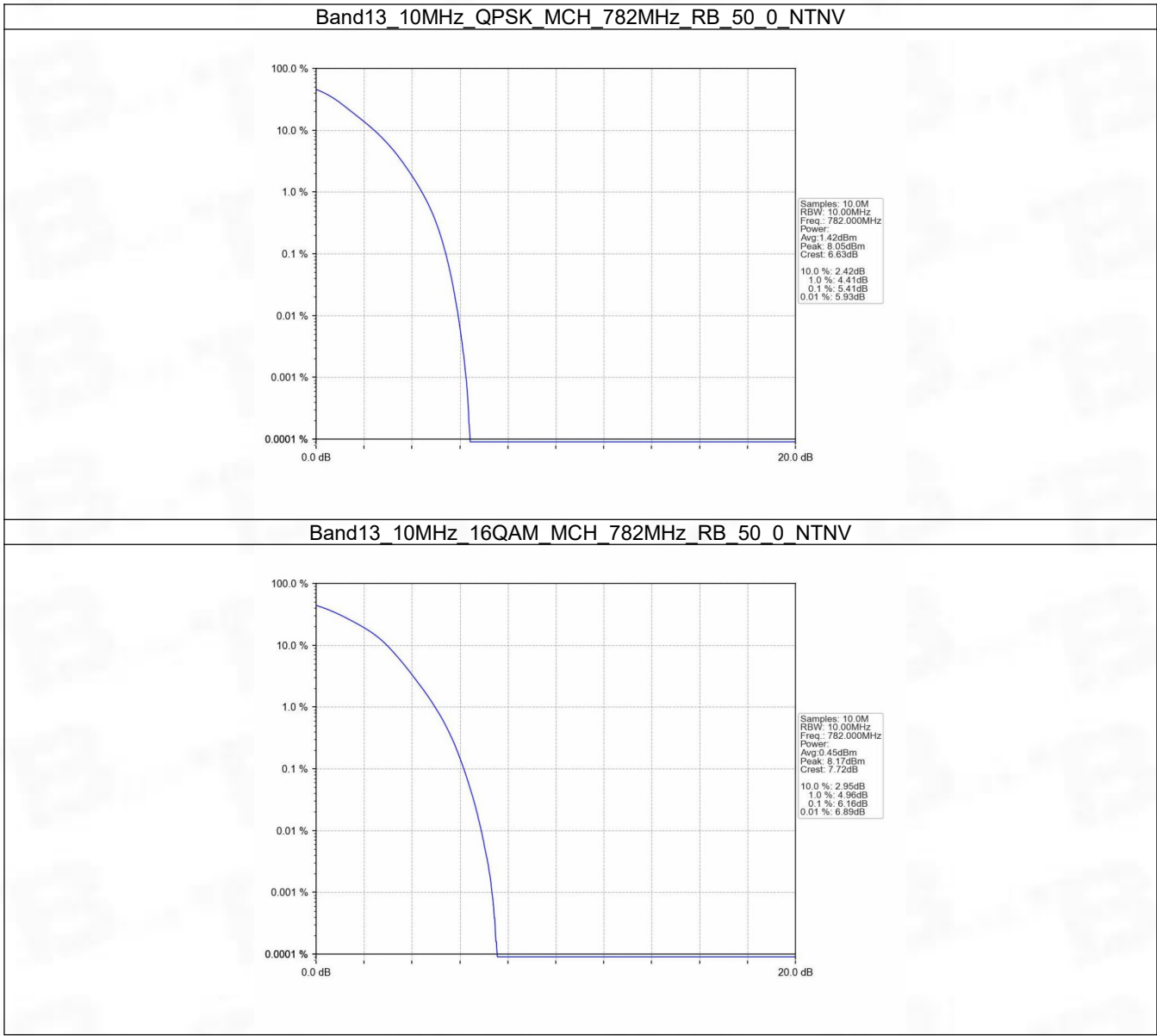
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



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

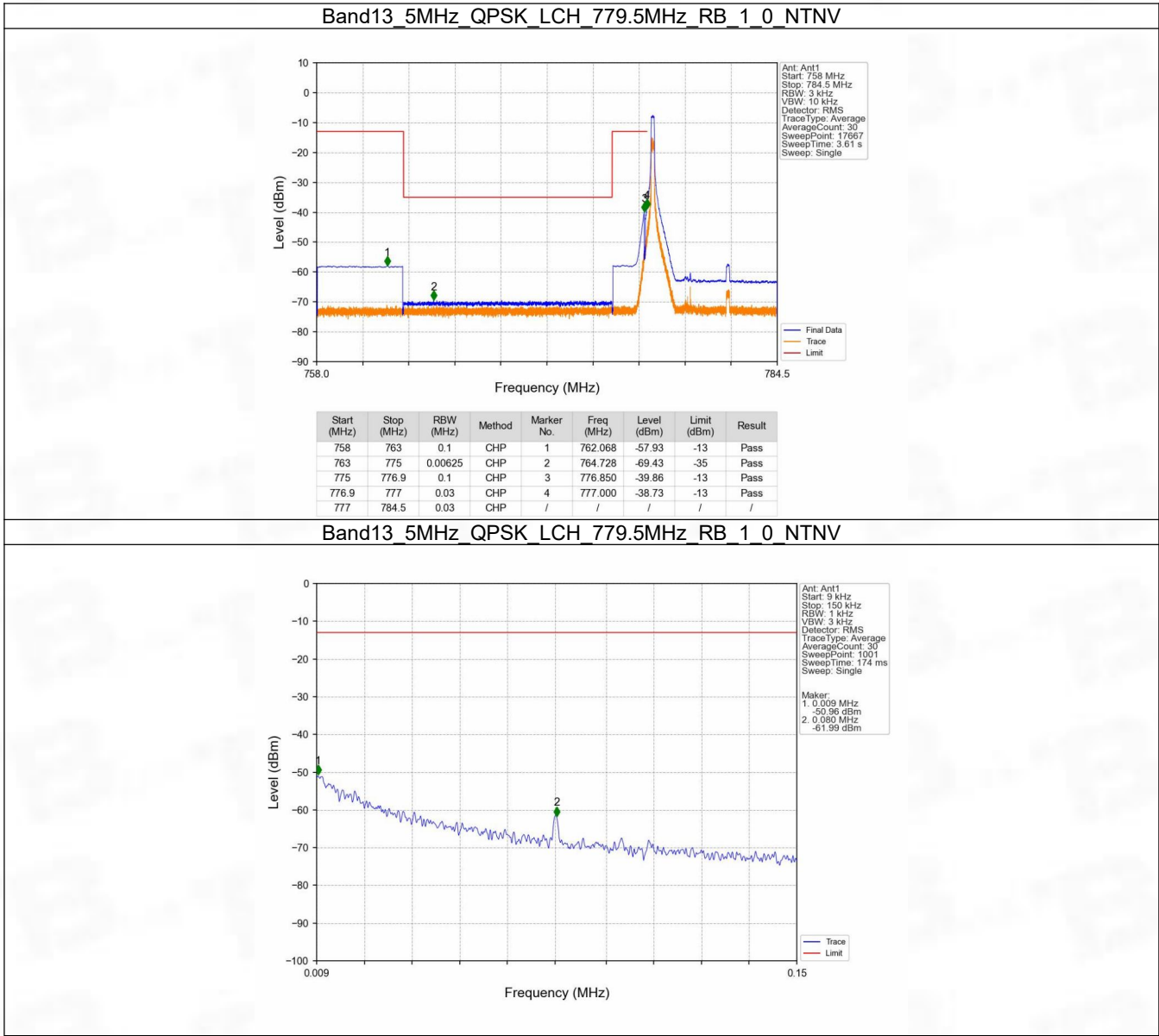
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph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

6.1.2 B13_10MHz

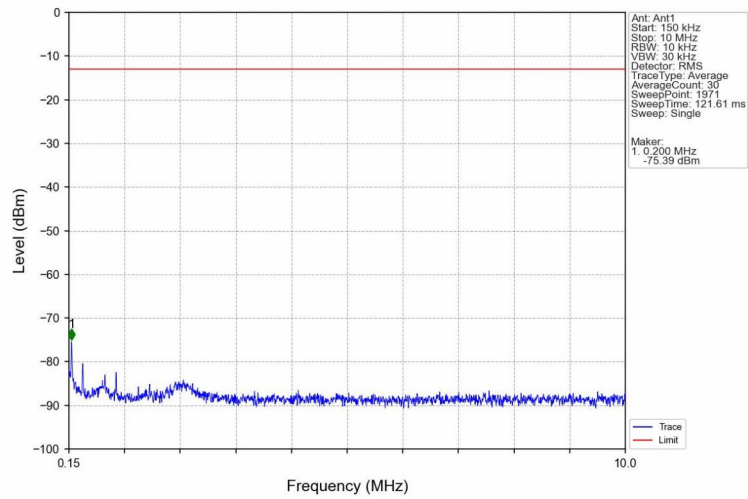
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

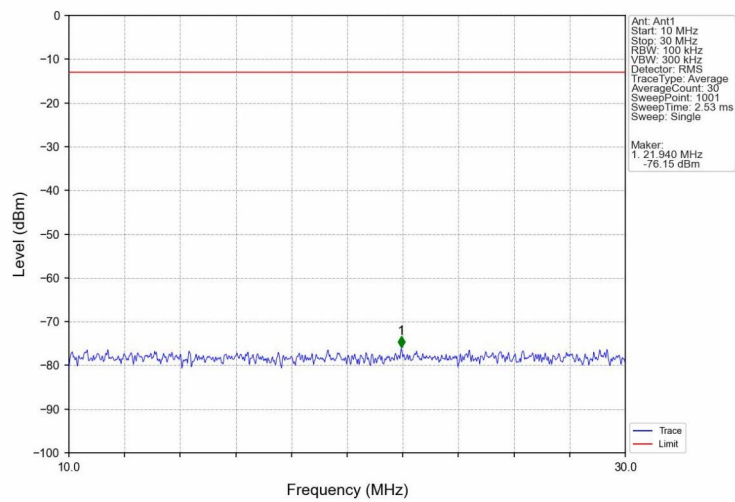
6.2.1 B13_5MHz



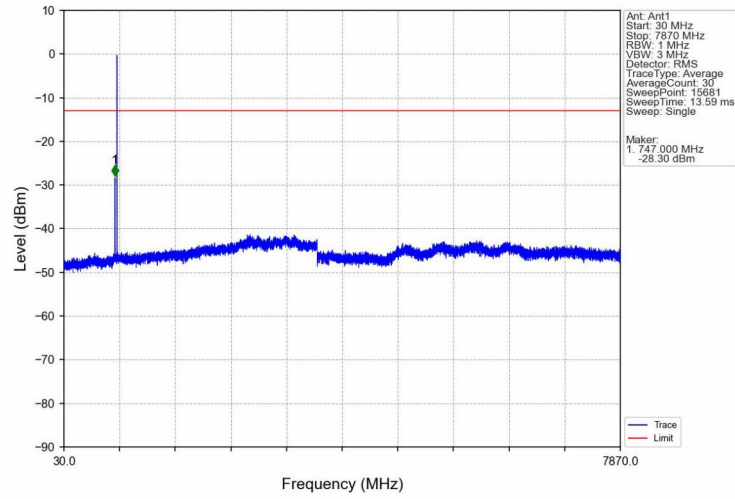
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



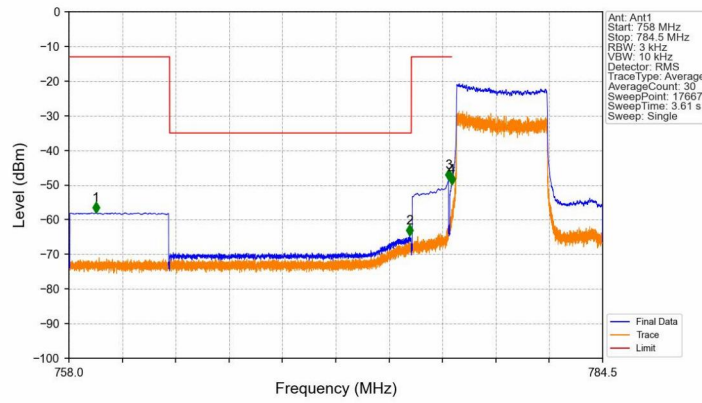
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

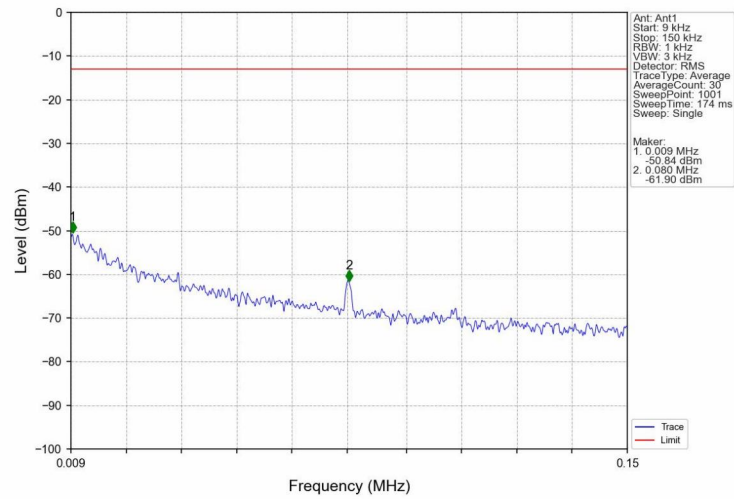


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

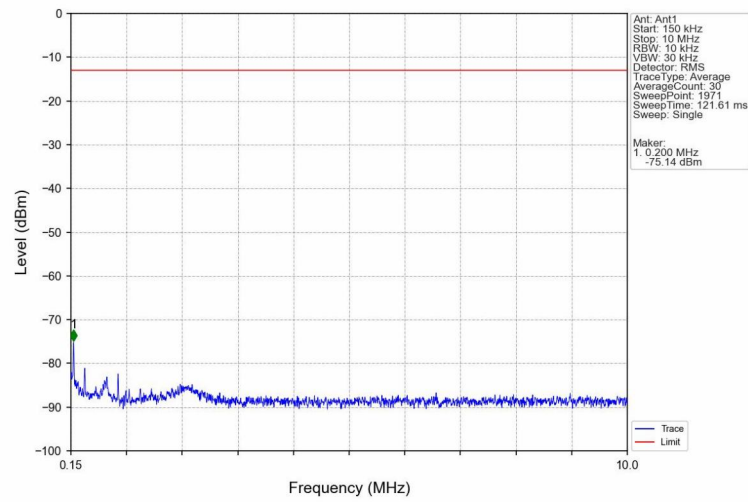


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.341	-58.02	-13	Pass
763	775	0.00625	CHP	2	774.916	-64.55	-35	Pass
775	776.9	0.1	CHP	3	776.850	-48.62	-13	Pass
776.9	777	0.03	CHP	4	777.000	-49.92	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

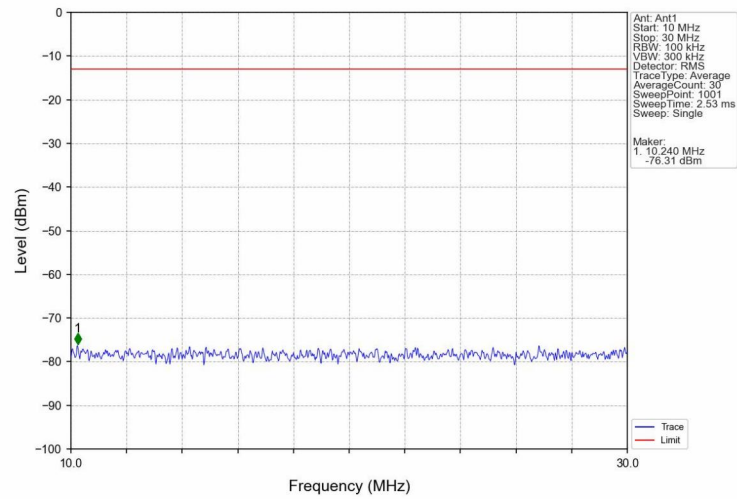
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



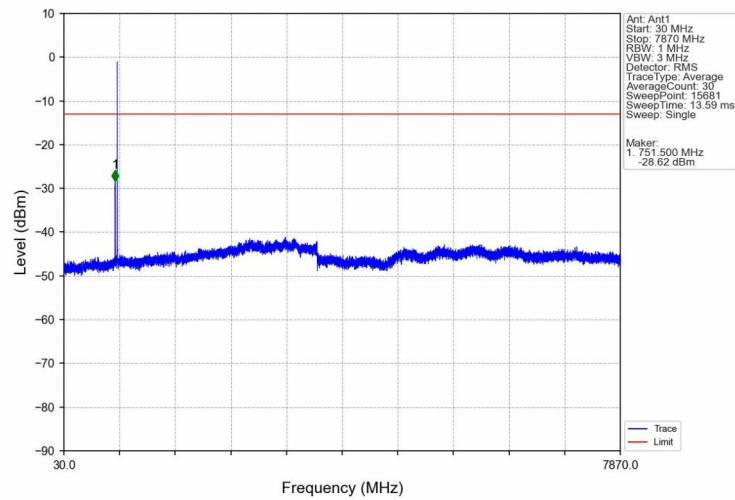
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



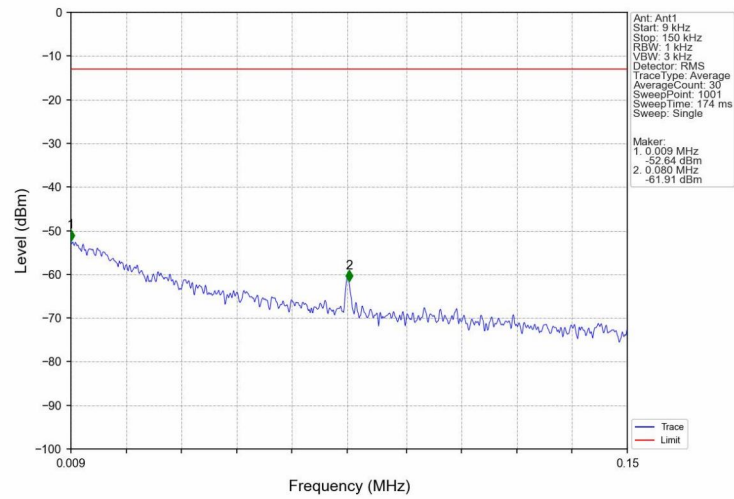
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



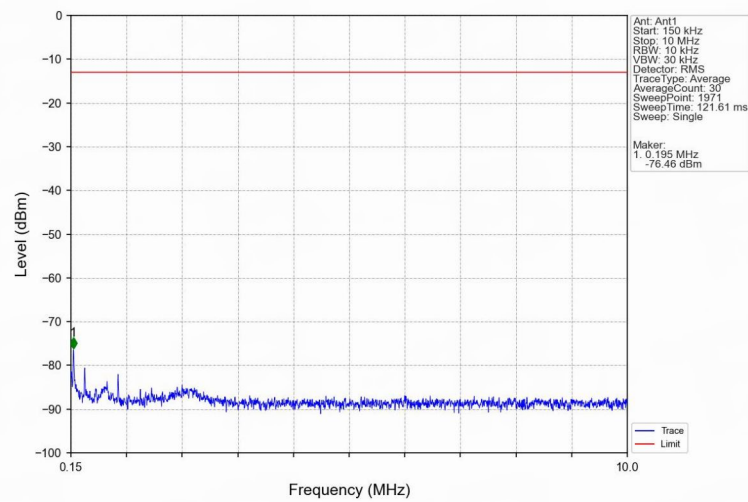
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



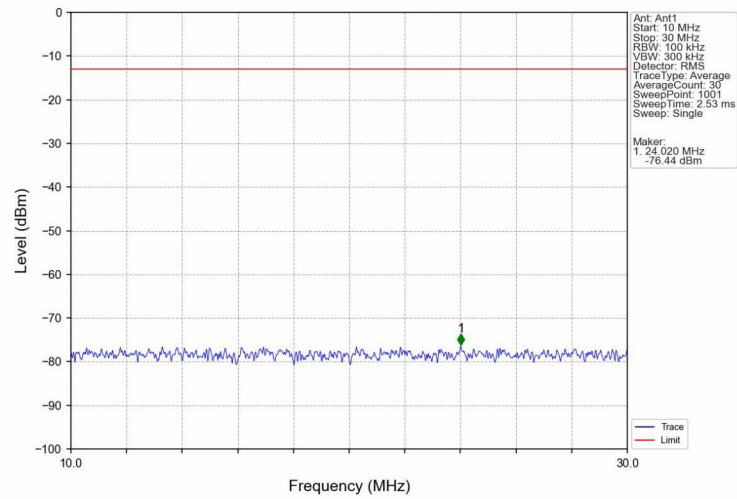
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



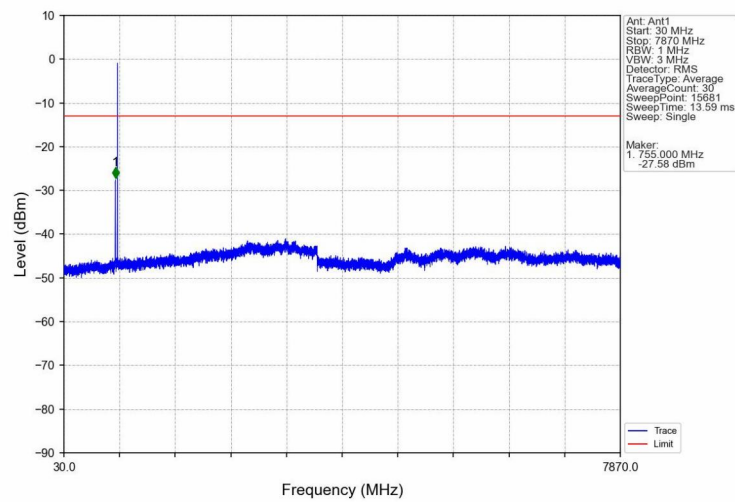
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



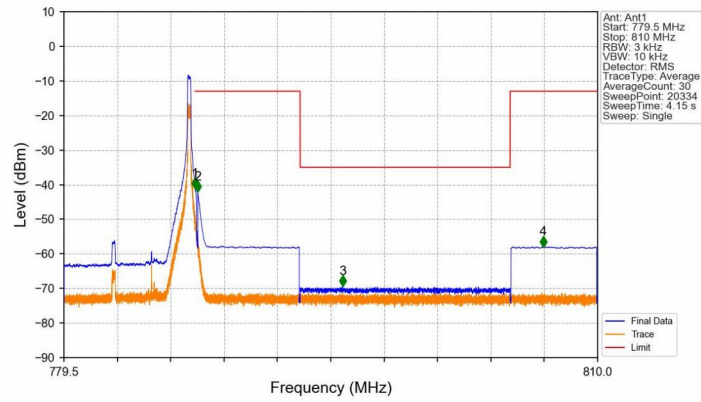
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

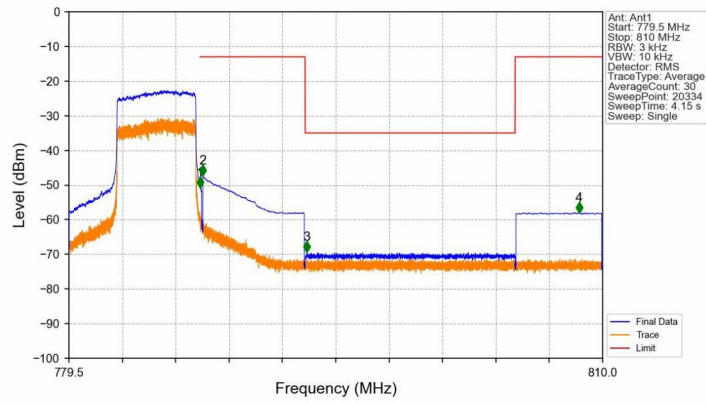


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



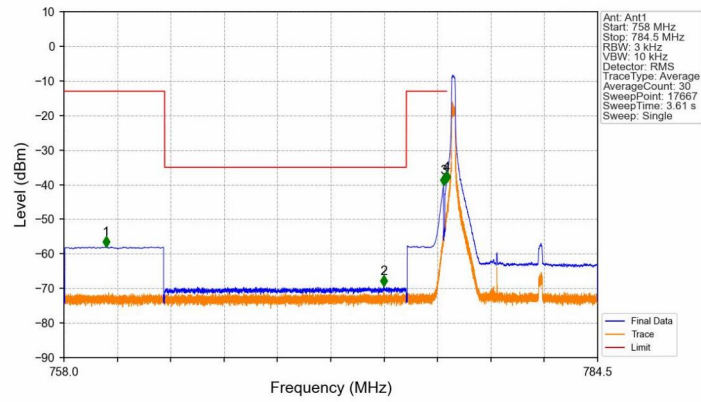
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-41.06	-13	Pass
787.1	793	0.1	CHP	2	787.150	-41.97	-13	Pass
793	805	0.00625	CHP	3	795.421	-69.44	-35	Pass
805	810	0.1	CHP	4	806.892	-57.98	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



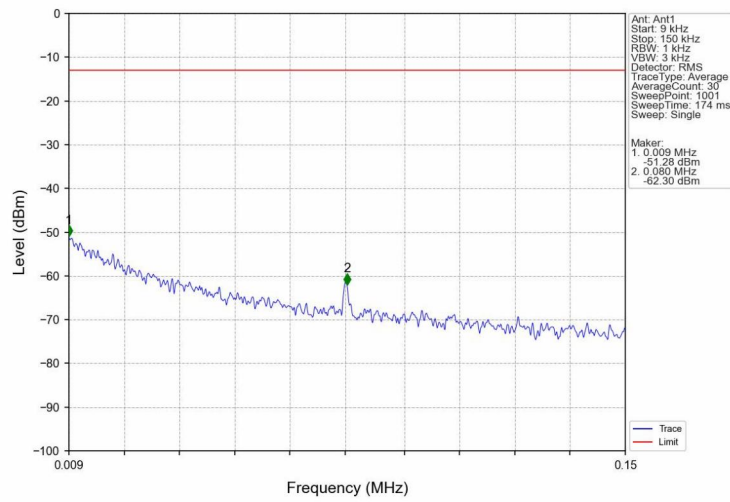
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-50.70	-13	Pass
787.1	793	0.1	CHP	2	787.150	-47.28	-13	Pass
793	805	0.00625	CHP	3	793.099	-69.43	-35	Pass
805	810	0.1	CHP	4	806.648	-57.98	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

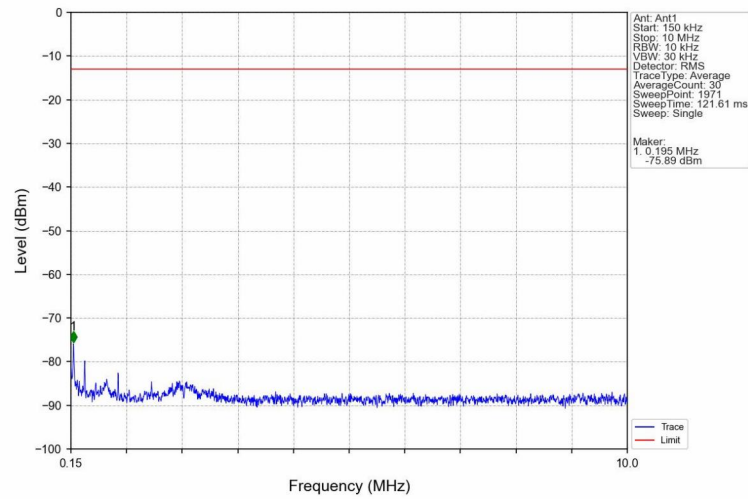


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.085	-58.02	-13	Pass
763	775	0.00625	CHP	2	773.881	-69.42	-35	Pass
775	776.9	0.1	CHP	3	776.850	-40.20	-13	Pass
776.9	777	0.03	CHP	4	777.000	-39.26	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

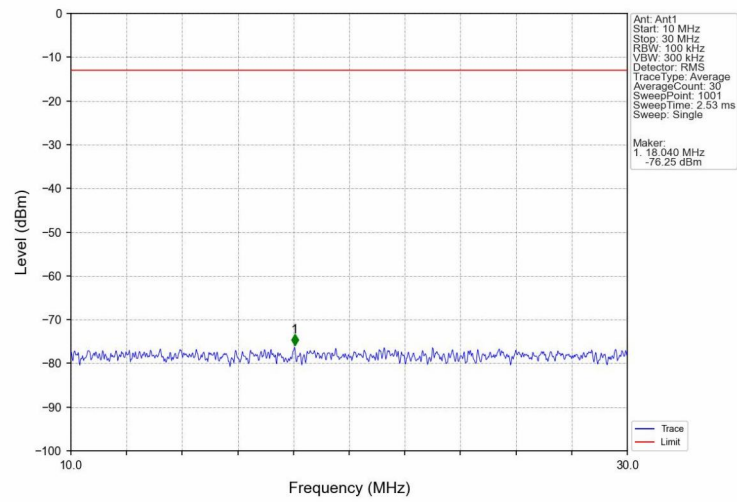
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



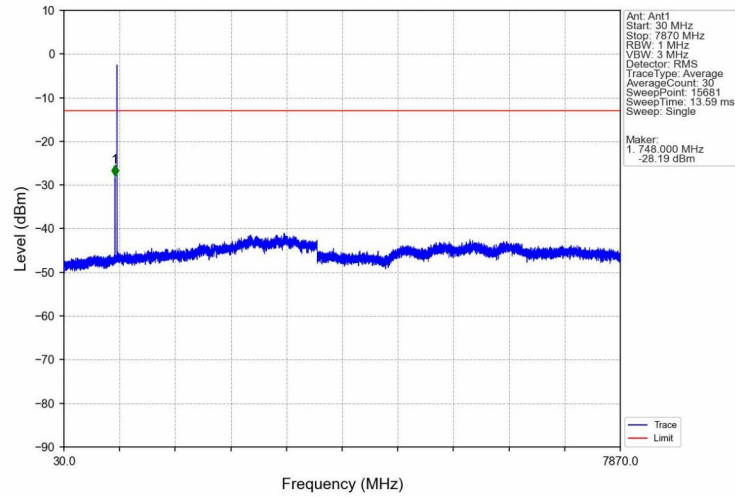
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



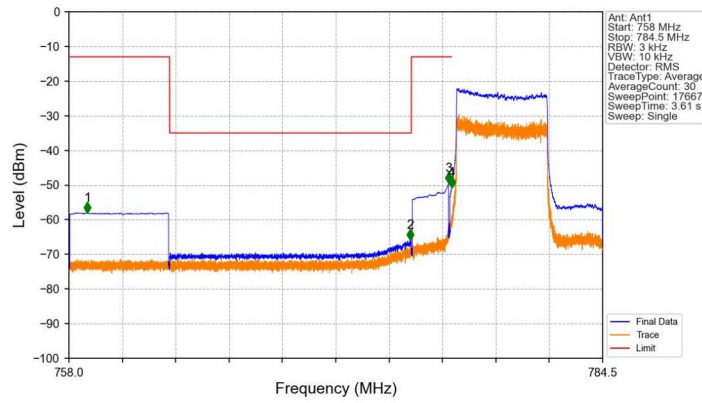
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

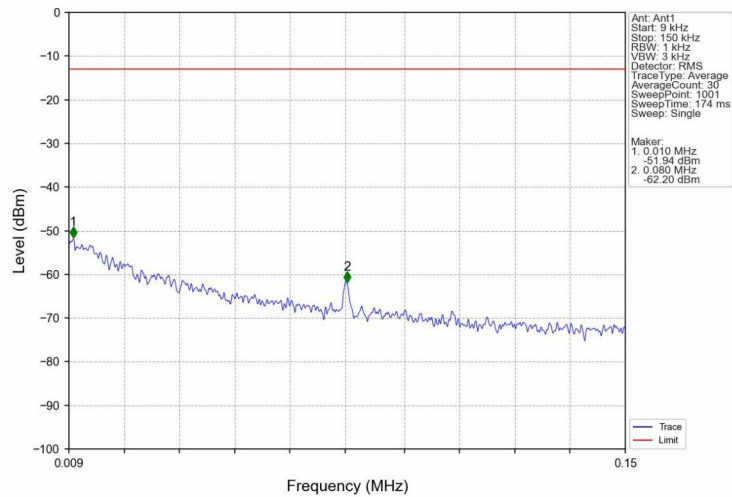


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

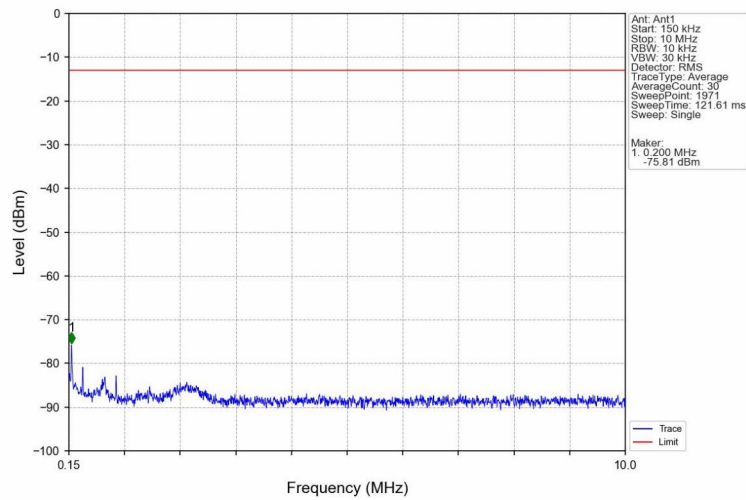


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.917	-58.01	-13	Pass
763	775	0.00625	CHP	2	774.961	-65.85	-35	Pass
775	776.9	0.1	CHP	3	776.850	-49.55	-13	Pass
776.9	777	0.03	CHP	4	777.000	-50.72	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

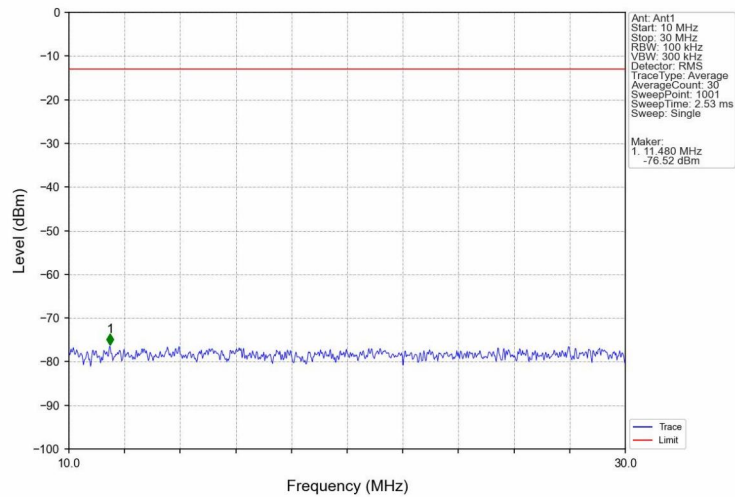
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



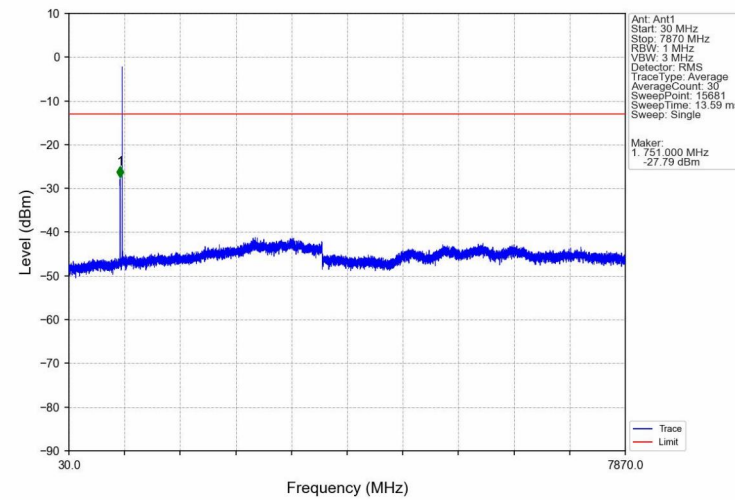
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



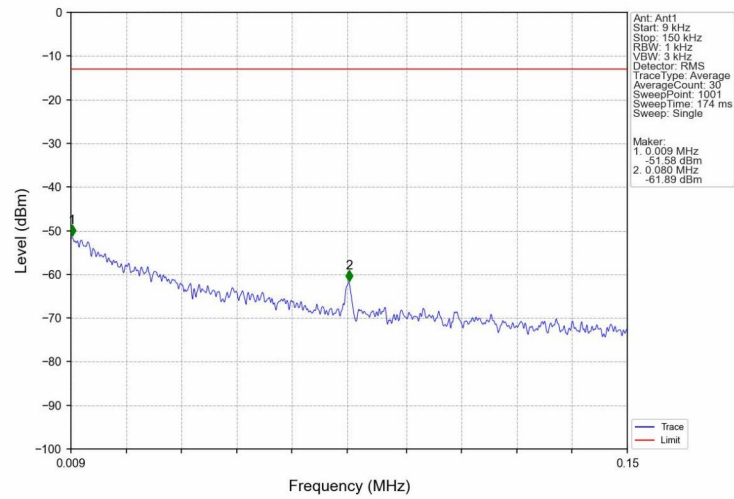
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



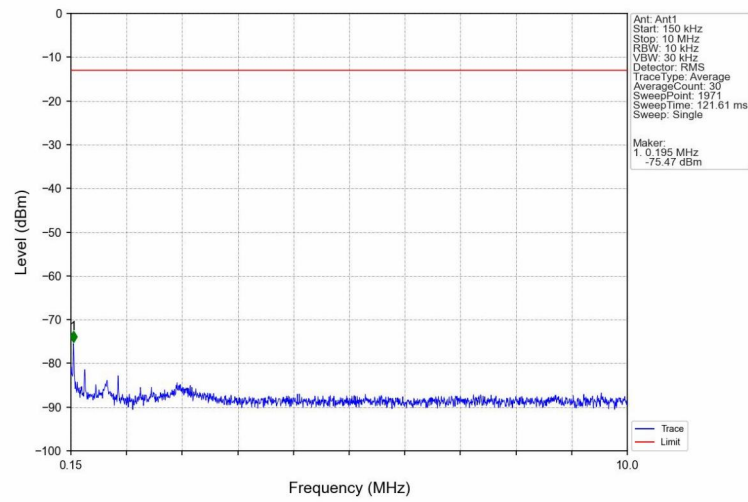
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



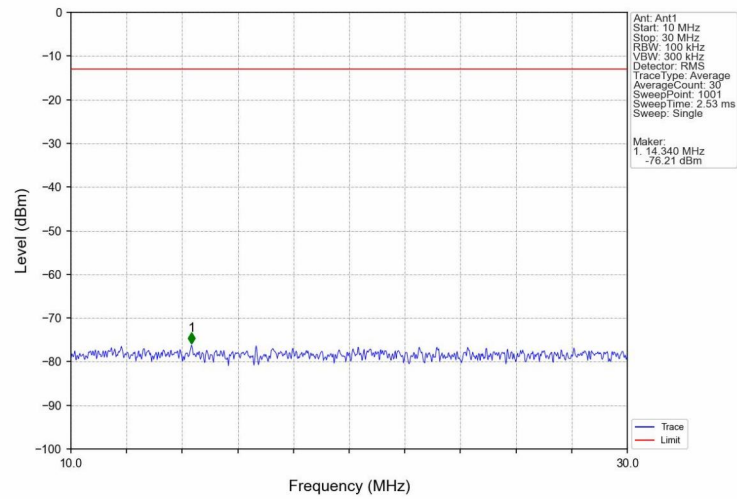
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



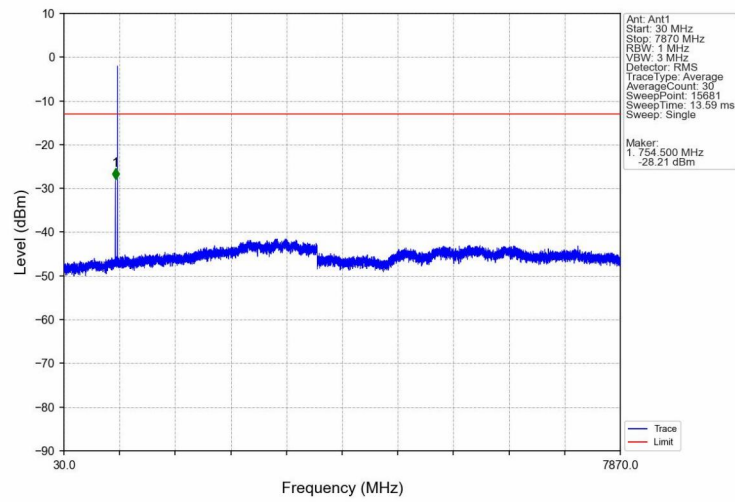
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



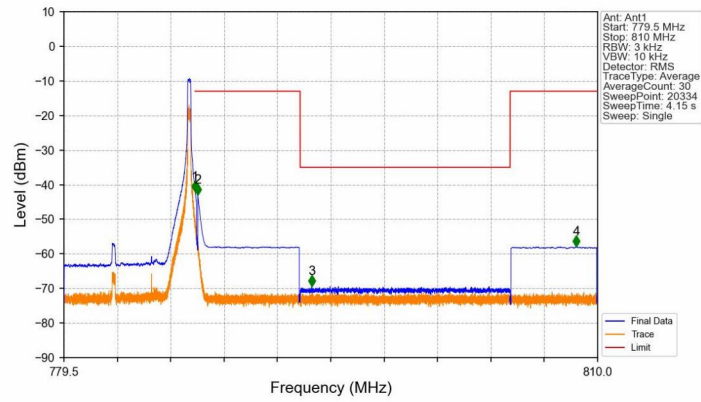
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

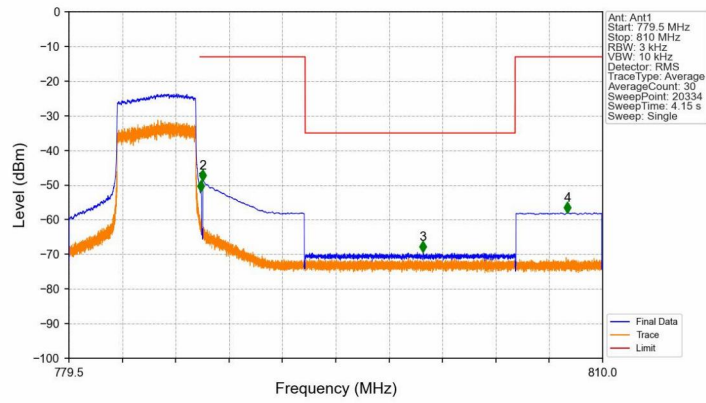


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



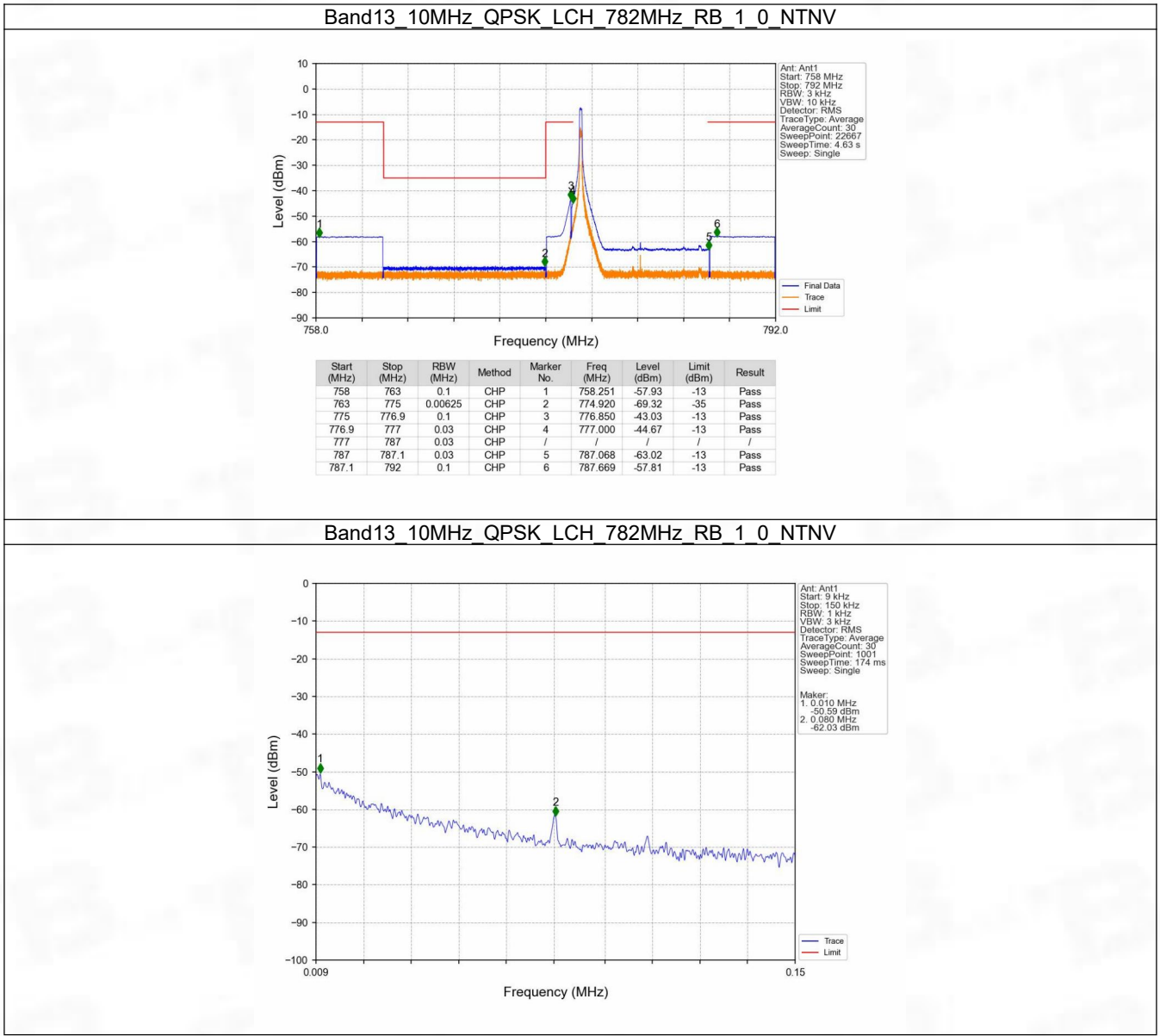
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-42.01	-13	Pass
787.1	793	0.1	CHP	2	787.150	-42.98	-13	Pass
793	805	0.00625	CHP	3	793.660	-69.29	-35	Pass
805	810	0.1	CHP	4	808.785	-57.96	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

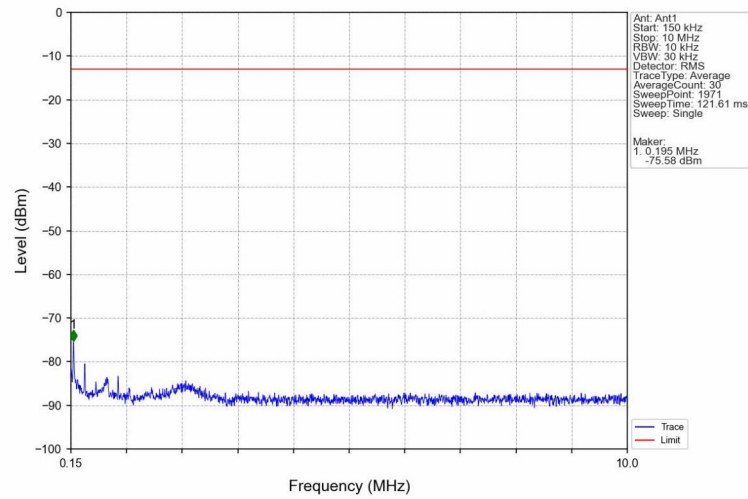


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.042	-51.81	-13	Pass
787.1	793	0.1	CHP	2	787.156	-48.71	-13	Pass
793	805	0.00625	CHP	3	799.741	-69.34	-35	Pass
805	810	0.1	CHP	4	807.993	-58.01	-13	Pass

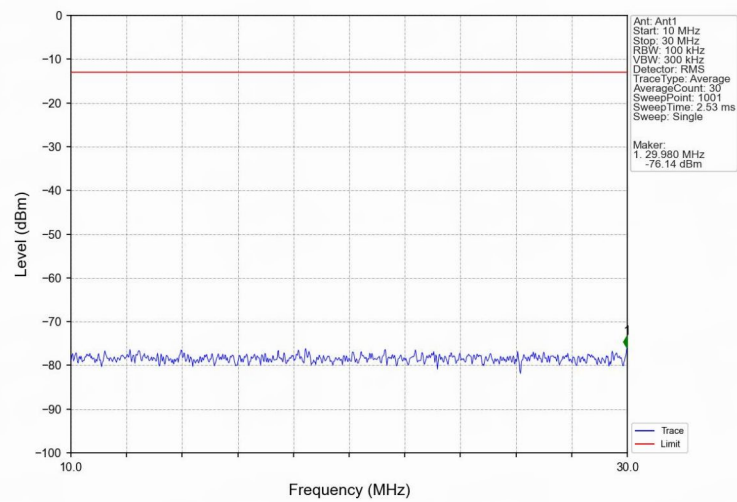
6.2.2 B13_10MHz



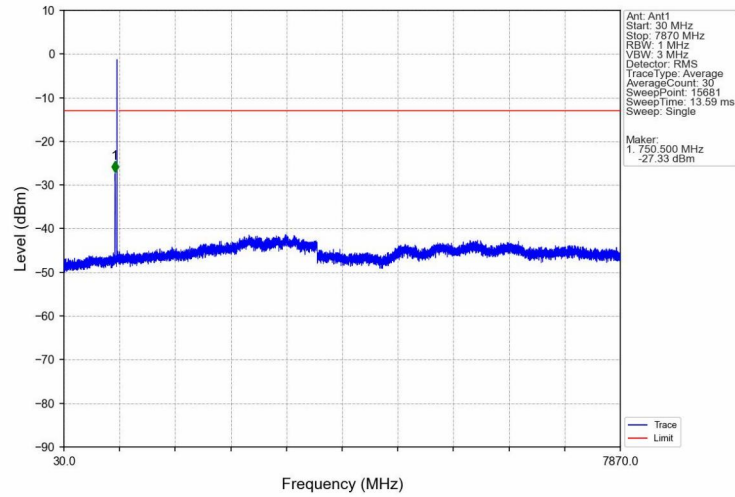
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



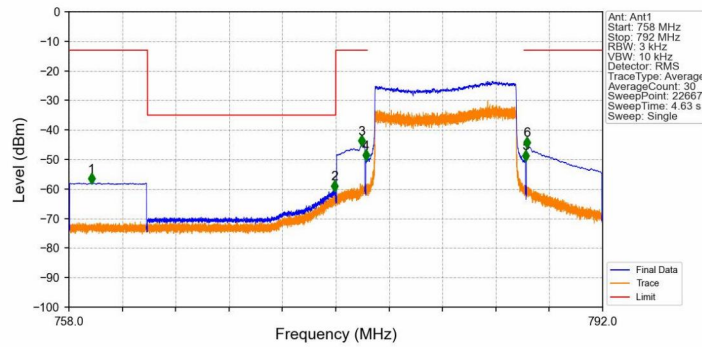
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

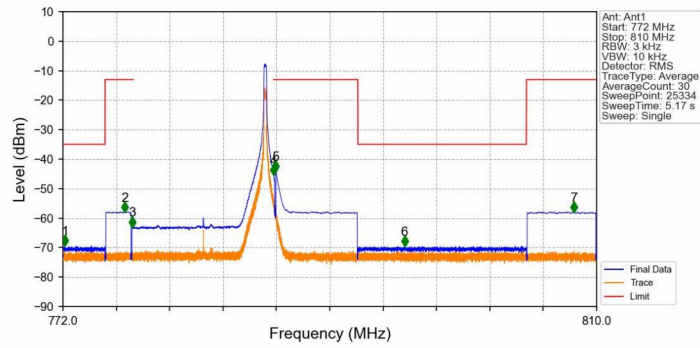


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



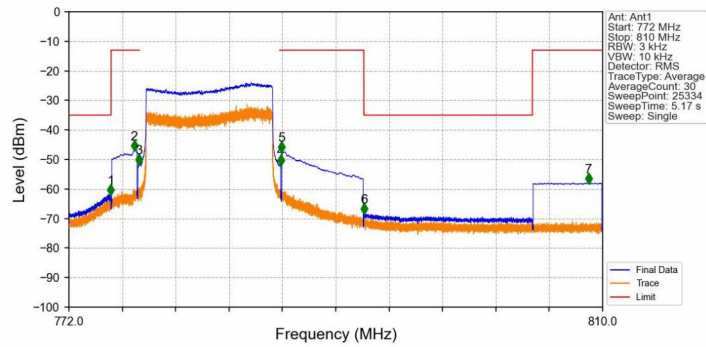
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.439	-57.98	-13	Pass
763	775	0.00625	CHP	2	774.910	-60.46	-35	Pass
775	776.9	0.1	CHP	3	776.653	-45.20	-13	Pass
776.9	777	0.03	CHP	4	776.917	-50.19	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.078	-50.21	-13	Pass
787.1	792	0.1	CHP	6	787.180	-45.75	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



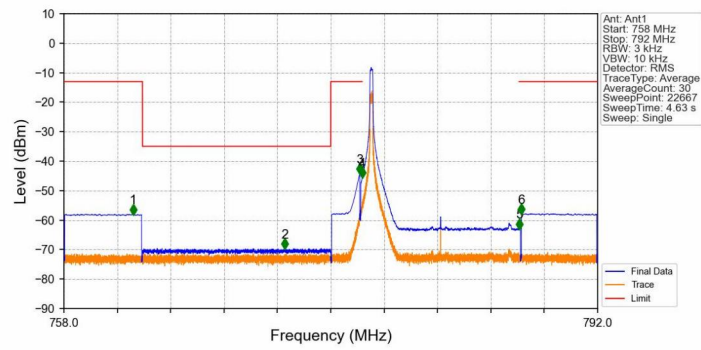
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	772.152	-69.25	-35	Pass
775	776.9	0.1	CHP	2	776.397	-57.79	-13	Pass
776.9	777	0.03	CHP	3	776.953	-62.85	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-45.26	-13	Pass
787.1	793	0.1	CHP	5	787.150	-44.02	-13	Pass
793	805	0.00625	CHP	6	796.324	-69.41	-35	Pass
805	810	0.1	CHP	7	808.399	-57.91	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



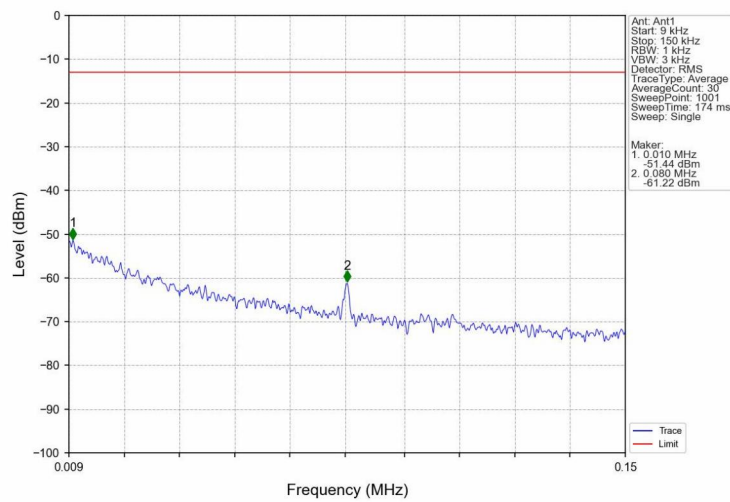
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.987	-61.82	-35	Pass
775	776.9	0.1	CHP	2	776.655	-46.86	-13	Pass
776.9	777	0.03	CHP	3	776.997	-51.67	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.071	-51.81	-13	Pass
787.1	793	0.1	CHP	5	787.150	-47.29	-13	Pass
793	805	0.00625	CHP	6	793.018	-68.25	-35	Pass
805	810	0.1	CHP	7	808.999	-58.01	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

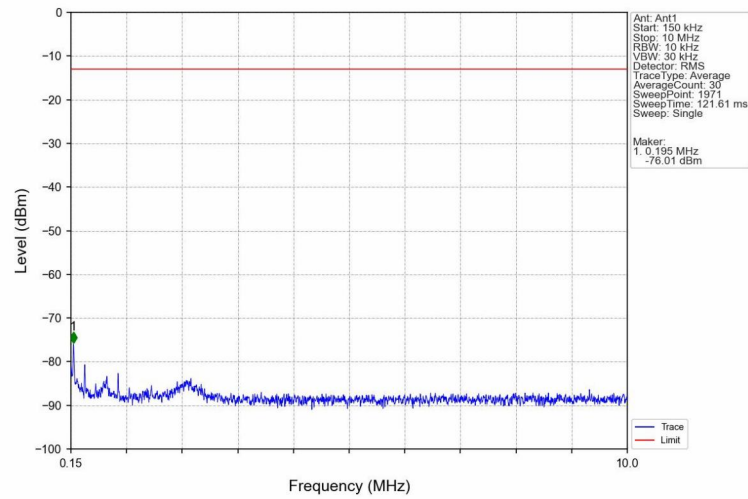


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.403	-57.96	-13	Pass
763	775	0.00625	CHP	2	772.069	-69.57	-35	Pass
775	776.9	0.1	CHP	3	776.850	-44.13	-13	Pass
776.9	777	0.03	CHP	4	776.998	-45.52	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.023	-62.88	-13	Pass
787.1	792	0.1	CHP	6	787.150	-57.79	-13	Pass

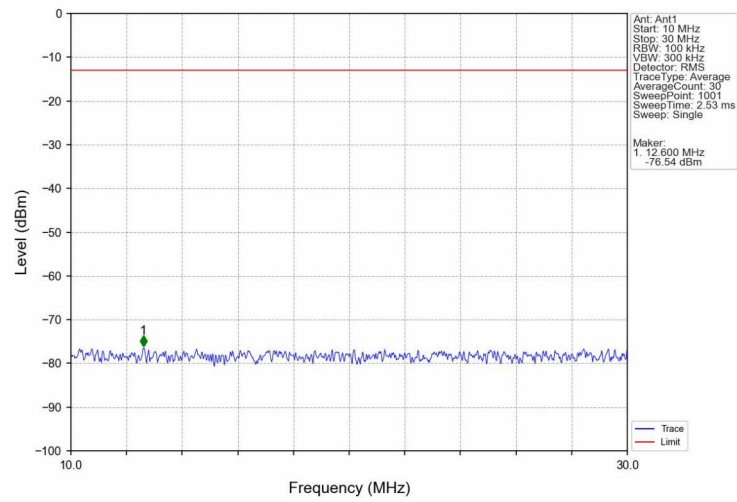
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



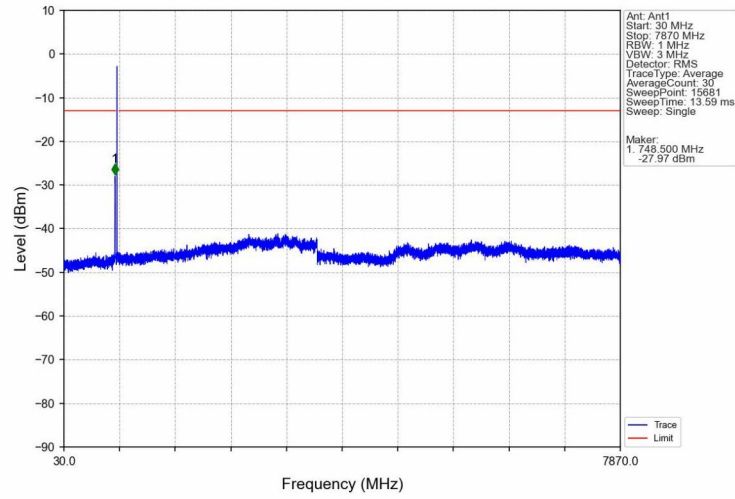
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



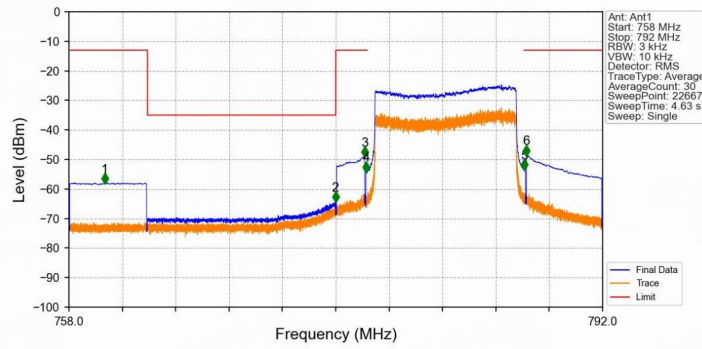
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

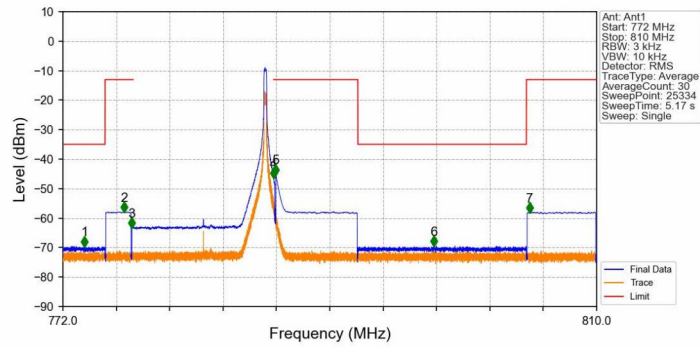


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



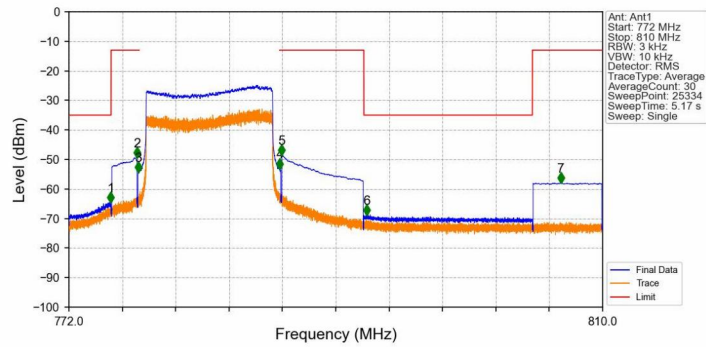
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.285	-58.01	-13	Pass
763	775	0.00625	CHP	2	774.985	-64.20	-35	Pass
775	776.9	0.1	CHP	3	776.848	-49.03	-13	Pass
776.9	777	0.03	CHP	4	776.941	-54.10	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.017	-53.32	-13	Pass
787.1	792	0.1	CHP	6	787.150	-48.53	-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	773.533	-69.49	-35	Pass
775	776.9	0.1	CHP	2	776.352	-57.91	-13	Pass
776.9	777	0.03	CHP	3	776.916	-63.16	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-46.28	-13	Pass
787.1	793	0.1	CHP	5	787.150	-45.11	-13	Pass
793	805	0.00625	CHP	6	798.405	-69.40	-35	Pass
805	810	0.1	CHP	7	805.249	-58.00	-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	774.985	-64.38	-35	Pass
775	776.9	0.1	CHP	2	776.842	-49.23	-13	Pass
776.9	777	0.03	CHP	3	776.941	-54.14	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.018	-53.02	-13	Pass
787.1	793	0.1	CHP	5	787.150	-48.48	-13	Pass
793	805	0.00625	CHP	6	793.198	-68.74	-35	Pass
805	810	0.1	CHP	7	807.039	-57.84	-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	0.8054	0.0145	ppm	4M59G7D	27F	29.06
13	5	779.5	784.5	0.5794	0.0164	ppm	4M64W7D	27F	27.63
13	10	782	782	0.7943	0.0108	ppm	9M21G7D	27F	29.00
13	10	782	782	0.6368	0.0132	ppm	9M19W7D	27F	28.04

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	0.4498	0.0145	ppm	4M59G7D	27F	26.53
13	5	779.5	784.5	0.3236	0.0164	ppm	4M64W7D	27F	25.10
13	10	782	782	0.4436	0.0108	ppm	9M21G7D	27F	26.47
13	10	782	782	0.3556	0.0132	ppm	9M19W7D	27F	25.51