

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	20.62	0.80	19.27	<=34.77	Pass
			13	20.62	0.80	19.27	<=34.77	Pass
			24	20.73	0.80	19.38	<=34.77	Pass
		12	0	19.59	0.80	18.24	<=34.77	Pass
			6	19.70	0.80	18.35	<=34.77	Pass
			13	19.70	0.80	18.35	<=34.77	Pass
		25	0	19.81	0.80	18.46	<=34.77	Pass
	782	1	0	20.41	0.80	19.06	<=34.77	Pass
			13	20.49	0.80	19.14	<=34.77	Pass
			24	20.51	0.80	19.16	<=34.77	Pass
		12	0	19.78	0.80	18.43	<=34.77	Pass
			6	19.58	0.80	18.23	<=34.77	Pass
			13	19.65	0.80	18.30	<=34.77	Pass
		25	0	19.68	0.80	18.33	<=34.77	Pass
	784.5	1	0	20.51	0.80	19.16	<=34.77	Pass
			13	20.46	0.80	19.11	<=34.77	Pass
			24	20.48	0.80	19.13	<=34.77	Pass
		12	0	19.59	0.80	18.24	<=34.77	Pass
			6	19.49	0.80	18.14	<=34.77	Pass
			13	19.48	0.80	18.13	<=34.77	Pass
		25	0	19.56	0.80	18.21	<=34.77	Pass
16QAM	779.5	1	0	19.53	0.80	18.18	<=34.77	Pass
			13	19.56	0.80	18.21	<=34.77	Pass
			24	19.32	0.80	17.97	<=34.77	Pass
		12	0	18.66	0.80	17.31	<=34.77	Pass
			6	18.63	0.80	17.28	<=34.77	Pass
			13	18.64	0.80	17.29	<=34.77	Pass
		25	0	18.73	0.80	17.38	<=34.77	Pass
	782	1	0	18.83	0.80	17.48	<=34.77	Pass
			13	18.53	0.80	17.18	<=34.77	Pass
			24	18.61	0.80	17.26	<=34.77	Pass
		12	0	18.72	0.80	17.37	<=34.77	Pass
			6	18.55	0.80	17.20	<=34.77	Pass
			13	18.54	0.80	17.19	<=34.77	Pass
		25	0	18.68	0.80	17.33	<=34.77	Pass
	784.5	1	0	19.26	0.80	17.91	<=34.77	Pass
			13	19.38	0.80	18.03	<=34.77	Pass
			24	19.42	0.80	18.07	<=34.77	Pass
		12	0	18.58	0.80	17.23	<=34.77	Pass
			6	18.54	0.80	17.19	<=34.77	Pass
			13	18.83	0.80	17.48	<=34.77	Pass
		25	0	18.50	0.80	17.15	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B13_10MHz_ERP

Band: 13 / Bandwidth: 10MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	20.55	0.80	19.20	<=34.77	Pass
			25	20.56	0.80	19.21	<=34.77	Pass
			49	20.54	0.80	19.19	<=34.77	Pass
		25	0	19.67	0.80	18.32	<=34.77	Pass
			13	19.66	0.80	18.31	<=34.77	Pass
			25	19.65	0.80	18.30	<=34.77	Pass
		50	0	19.58	0.80	18.23	<=34.77	Pass
16QAM	782	1	0	20.06	0.80	18.71	<=34.77	Pass
			25	19.89	0.80	18.54	<=34.77	Pass
			49	19.97	0.80	18.62	<=34.77	Pass
		12	0	19.72	0.80	18.37	<=34.77	Pass
			19	19.48	0.80	18.13	<=34.77	Pass
			38	19.51	0.80	18.16	<=34.77	Pass
		27	0	18.88	0.80	17.53	<=34.77	Pass
			0	18.88	0.80	17.53	<=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	-2.532	-0.0032	-2.5 to 2.5	Pass
					3.85	-5.436	-0.0070	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0016	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.130	0.0014	-2.5 to 2.5	Pass
				30	3.85	2.275	0.0029	-2.5 to 2.5	Pass
				40	3.85	4.077	0.0052	-2.5 to 2.5	Pass
				50	3.85	3.190	0.0041	-2.5 to 2.5	Pass
	782	25	0	20	3.27	6.466	0.0083	-2.5 to 2.5	Pass
					3.85	3.190	0.0041	-2.5 to 2.5	Pass
					4.43	4.292	0.0055	-2.5 to 2.5	Pass
				-30	3.85	3.805	0.0049	-2.5 to 2.5	Pass
				-20	3.85	6.480	0.0083	-2.5 to 2.5	Pass
				-10	3.85	7.195	0.0092	-2.5 to 2.5	Pass
				0	3.85	8.969	0.0115	-2.5 to 2.5	Pass
				10	3.85	9.656	0.0123	-2.5 to 2.5	Pass
				30	3.85	8.883	0.0114	-2.5 to 2.5	Pass
				40	3.85	9.956	0.0127	-2.5 to 2.5	Pass
				50	3.85	10.772	0.0138	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	0.386	0.0005	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.844	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.247	0.0041	-2.5 to 2.5	Pass
				0	3.85	3.419	0.0044	-2.5 to 2.5	Pass
				0	3.85	3.419	0.0044	-2.5 to 2.5	Pass

16QAM				10	3.85	4.277	0.0055	-2.5 to 2.5	Pass
				30	3.85	5.679	0.0072	-2.5 to 2.5	Pass
				40	3.85	5.679	0.0072	-2.5 to 2.5	Pass
				50	3.85	5.965	0.0076	-2.5 to 2.5	Pass
	779.5	25	0	20	3.27	4.506	0.0058	-2.5 to 2.5	Pass
					3.85	4.706	0.0060	-2.5 to 2.5	Pass
					4.43	4.735	0.0061	-2.5 to 2.5	Pass
				-30	3.85	4.377	0.0056	-2.5 to 2.5	Pass
				-20	3.85	3.104	0.0040	-2.5 to 2.5	Pass
				-10	3.85	2.632	0.0034	-2.5 to 2.5	Pass
				0	3.85	1.488	0.0019	-2.5 to 2.5	Pass
				10	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.873	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0016	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0006	-2.5 to 2.5	Pass
	782	25	0	20	3.27	11.659	0.0149	-2.5 to 2.5	Pass
					3.85	12.774	0.0163	-2.5 to 2.5	Pass
					4.43	12.803	0.0164	-2.5 to 2.5	Pass
				-30	3.85	10.829	0.0138	-2.5 to 2.5	Pass
				-20	3.85	11.058	0.0141	-2.5 to 2.5	Pass
				-10	3.85	10.958	0.0140	-2.5 to 2.5	Pass
				0	3.85	11.101	0.0142	-2.5 to 2.5	Pass
				10	3.85	7.081	0.0091	-2.5 to 2.5	Pass
				30	3.85	8.483	0.0108	-2.5 to 2.5	Pass
				40	3.85	7.653	0.0098	-2.5 to 2.5	Pass
				50	3.85	7.496	0.0096	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	7.153	0.0091	-2.5 to 2.5	Pass
					3.85	6.151	0.0078	-2.5 to 2.5	Pass
					4.43	5.879	0.0075	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0035	-2.5 to 2.5	Pass
				-20	3.85	4.148	0.0053	-2.5 to 2.5	Pass
				-10	3.85	4.320	0.0055	-2.5 to 2.5	Pass
				0	3.85	1.616	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.988	0.0025	-2.5 to 2.5	Pass
				30	3.85	0.958	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.845	0.0024	-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	-39.797	-0.0509	-2.5 to 2.5	Pass
					3.85	-34.862	-0.0446	-2.5 to 2.5	Pass
					4.43	-13.361	-0.0171	-2.5 to 2.5	Pass
				-30	3.85	-32.344	-0.0414	-2.5 to 2.5	Pass
				-20	3.85	-44.160	-0.0565	-2.5 to 2.5	Pass
				-10	3.85	-24.276	-0.0310	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-6.266	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-7.224	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-9.727	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-12.660	-0.0162	-2.5 to 2.5	Pass
16QAM	782	27	0	20	3.27	-11.930	-0.0153	-2.5 to 2.5	Pass
					3.85	-12.689	-0.0162	-2.5 to 2.5	Pass
					4.43	-12.031	-0.0154	-2.5 to 2.5	Pass

				-30	3.85	-10.757	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-11.101	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-11.001	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-10.471	-0.0134	-2.5 to 2.5	Pass
				10	3.85	-11.902	-0.0152	-2.5 to 2.5	Pass
				30	3.85	-12.503	-0.0160	-2.5 to 2.5	Pass
				40	3.85	-12.918	-0.0165	-2.5 to 2.5	Pass
				50	3.85	-13.189	-0.0169	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

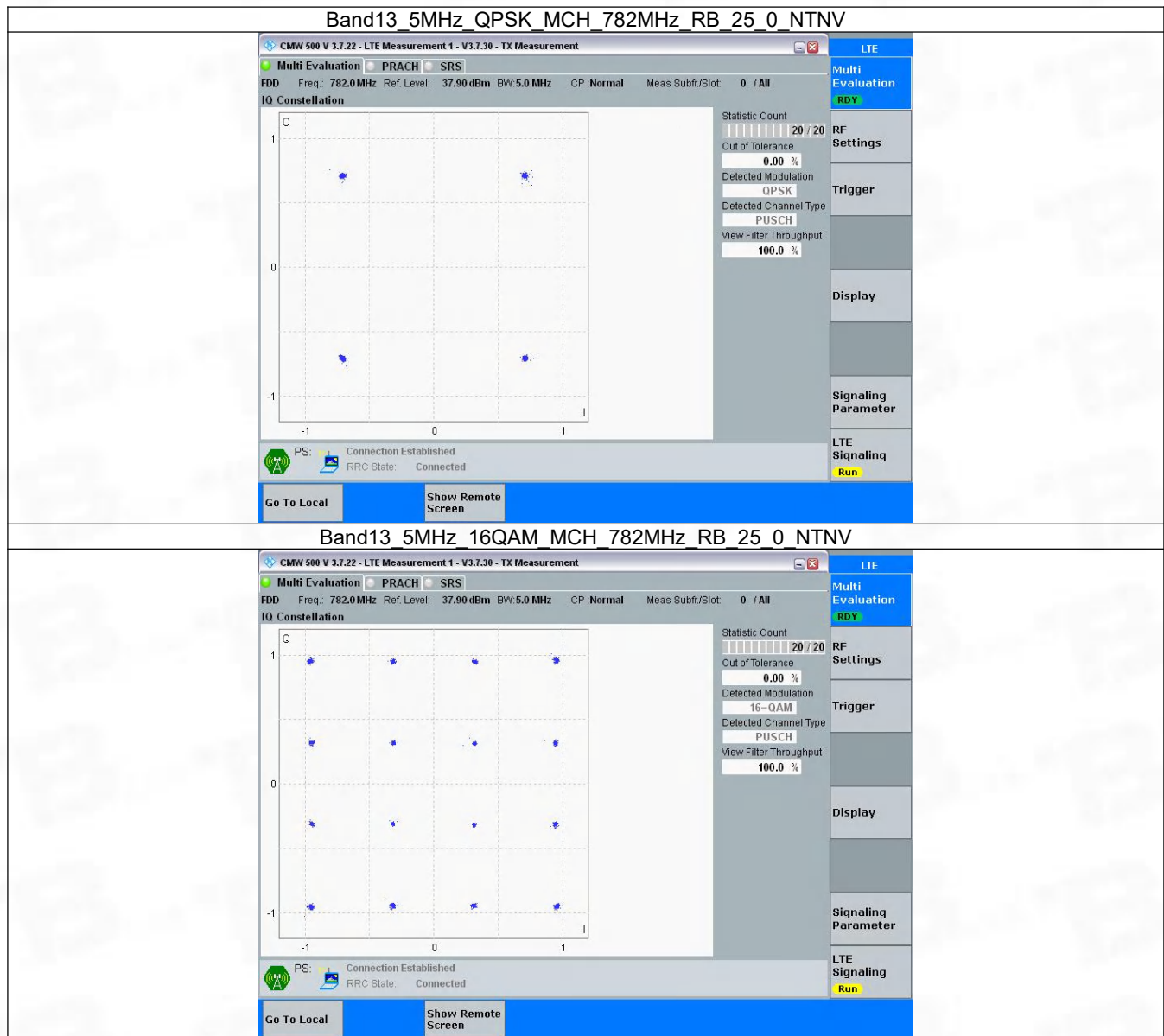
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

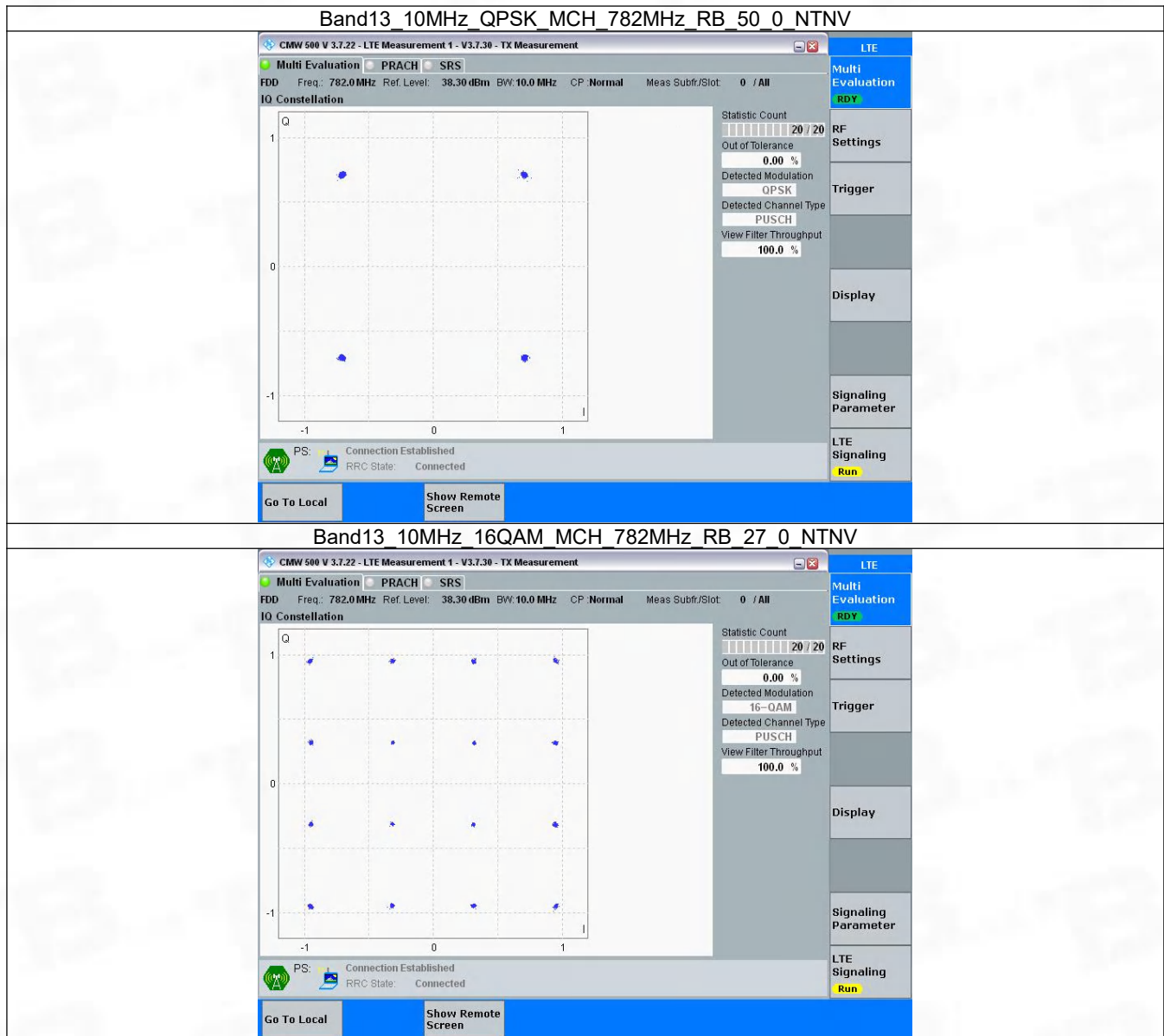
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	27	0	Refer To Test Graph		Pass

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

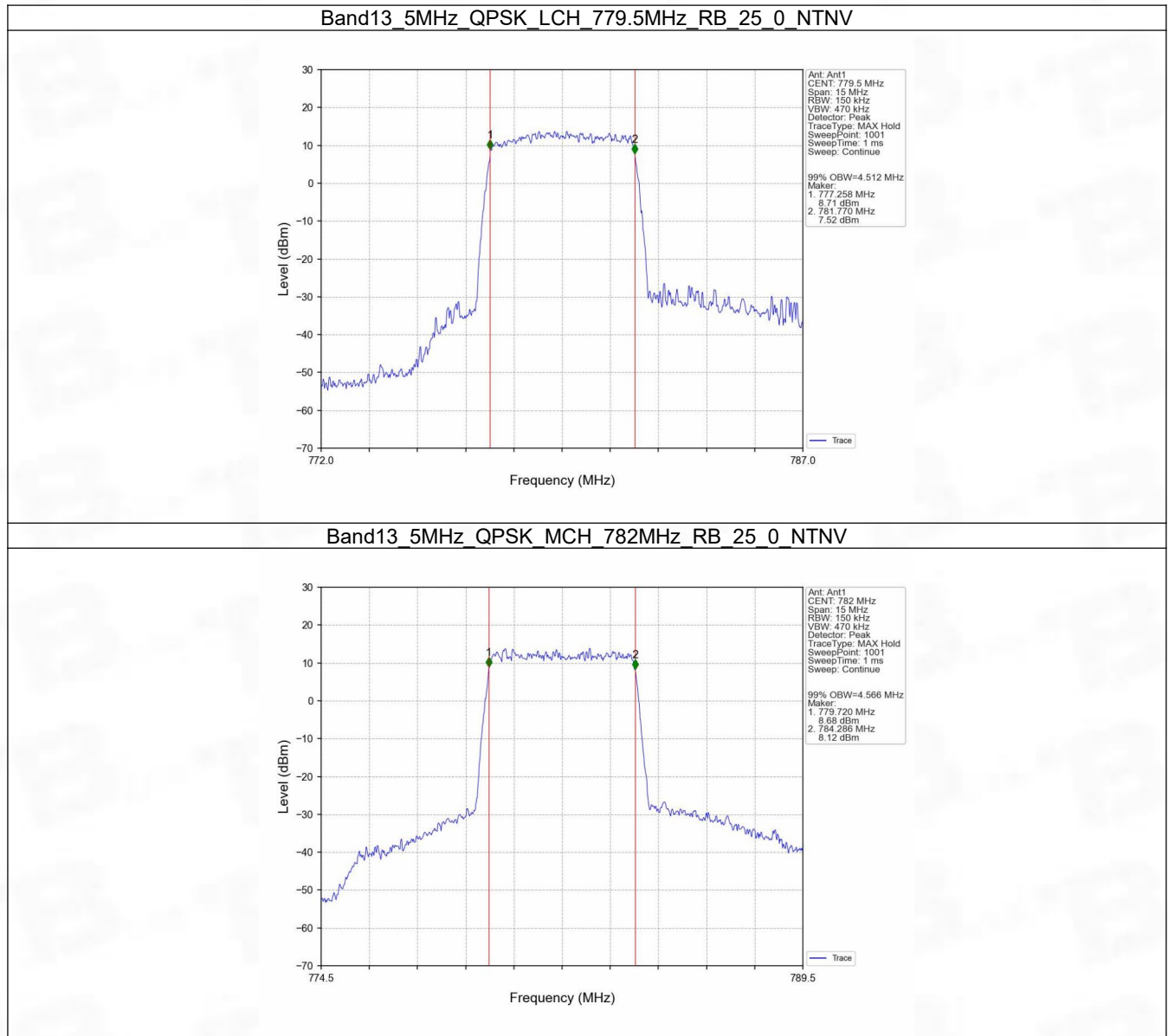
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.512	/	Pass
		782	25	0	4.566	/	Pass
		784.5	25	0	4.547	/	Pass
	16QAM	779.5	25	0	4.525	/	Pass
		782	25	0	4.553	/	Pass
		784.5	25	0	4.557	/	Pass
10	QPSK	782	50	0	9.073	/	Pass
	16QAM	782	27	0	5.507	/	Pass

4.1.2 Band13_XDB

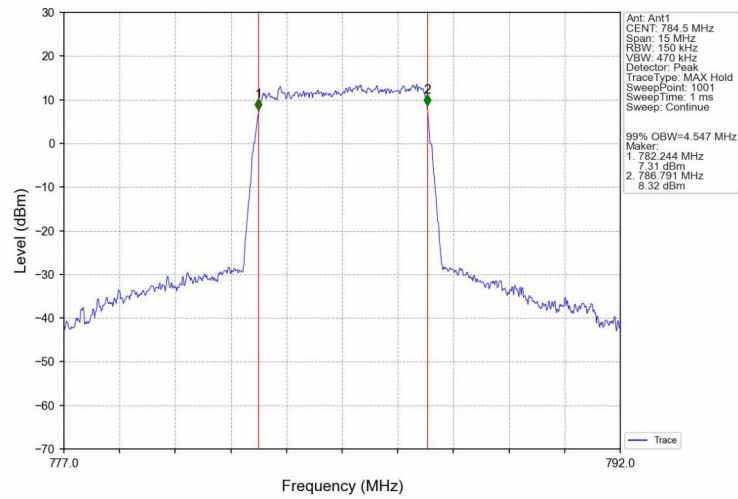
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.029	/	Pass
		782	25	0	5.050	/	Pass
		784.5	25	0	5.039	/	Pass
	16QAM	779.5	25	0	5.024	/	Pass
		782	25	0	5.073	/	Pass
		784.5	25	0	5.073	/	Pass
10	QPSK	782	50	0	9.990	/	Pass
	16QAM	782	27	0	9.309	/	Pass

4.2 Test Graph

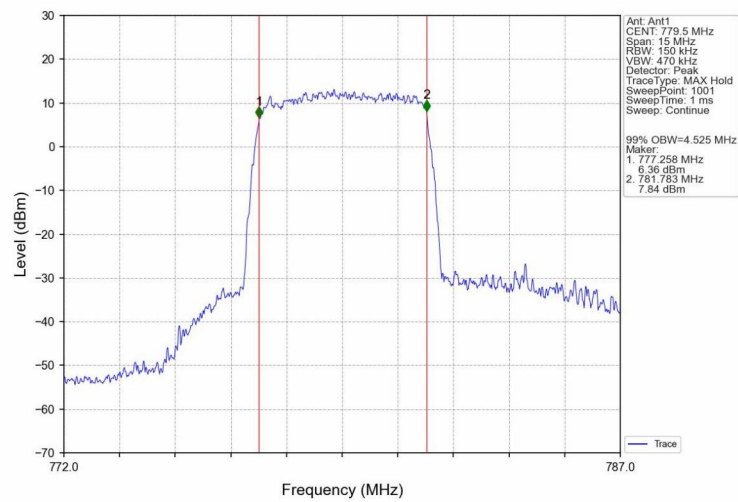
4.2.1 Band13_OBW



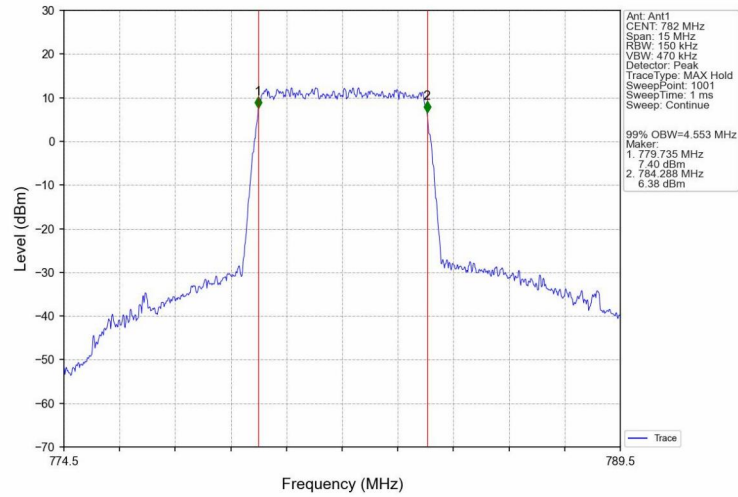
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



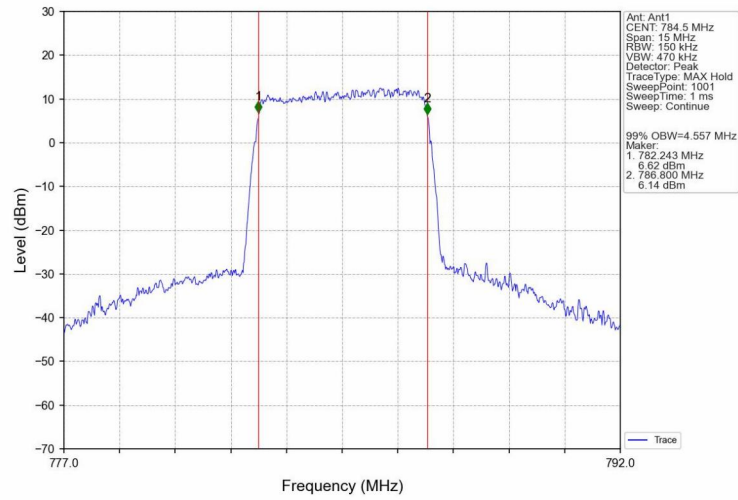
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



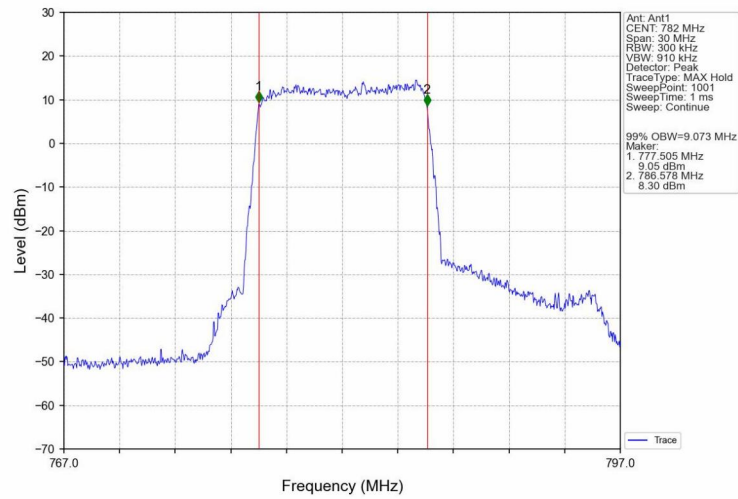
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



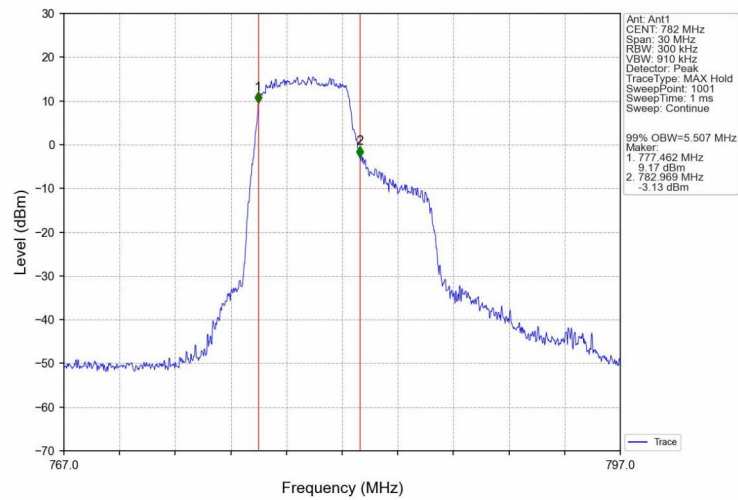
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



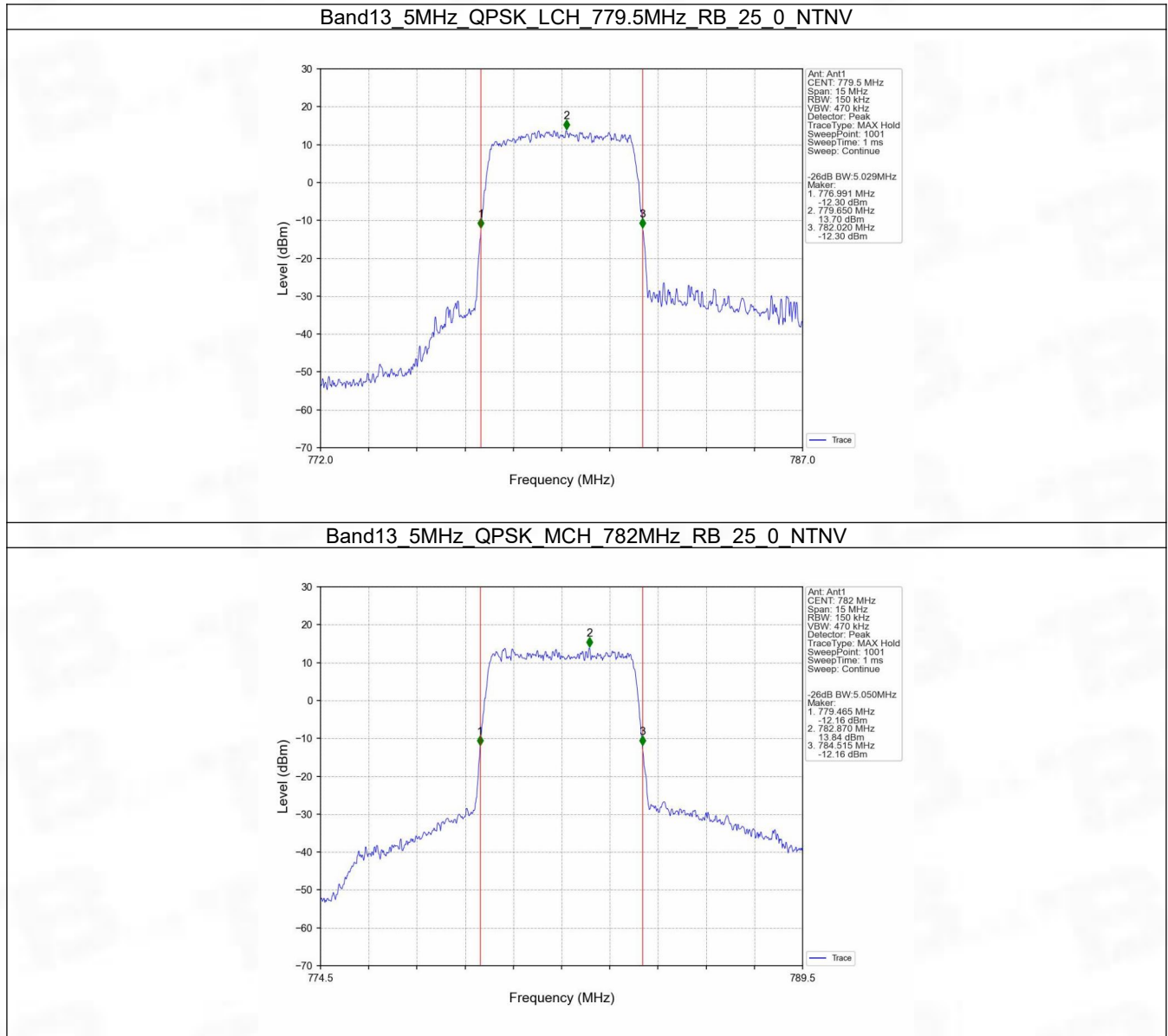
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



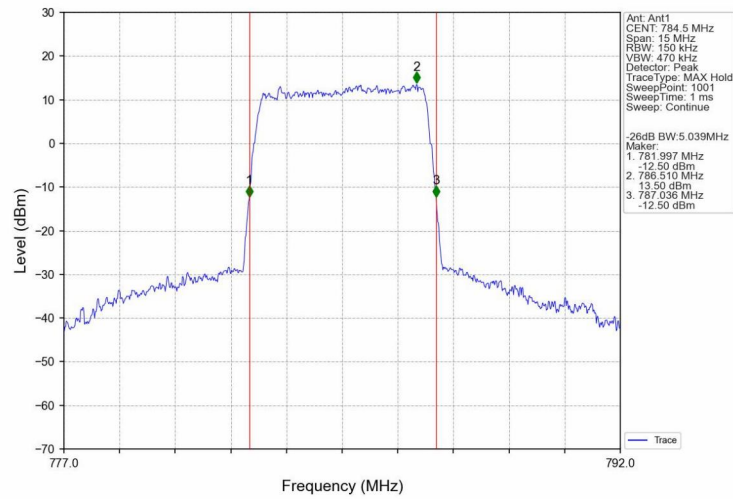
Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV



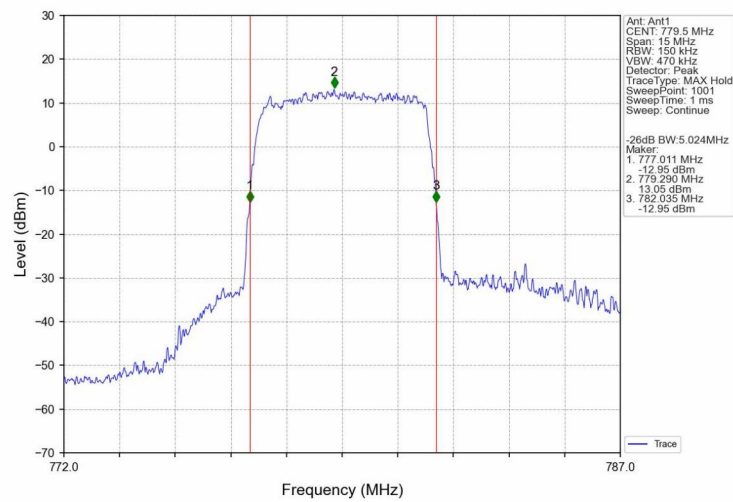
4.2.2 Band13_XDB



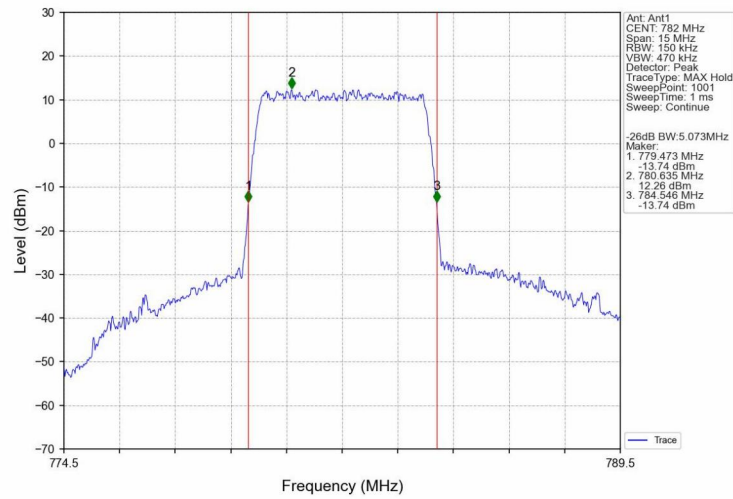
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



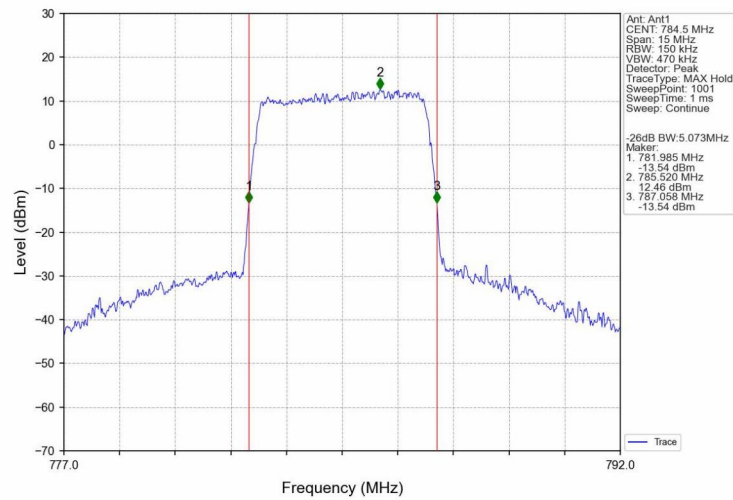
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



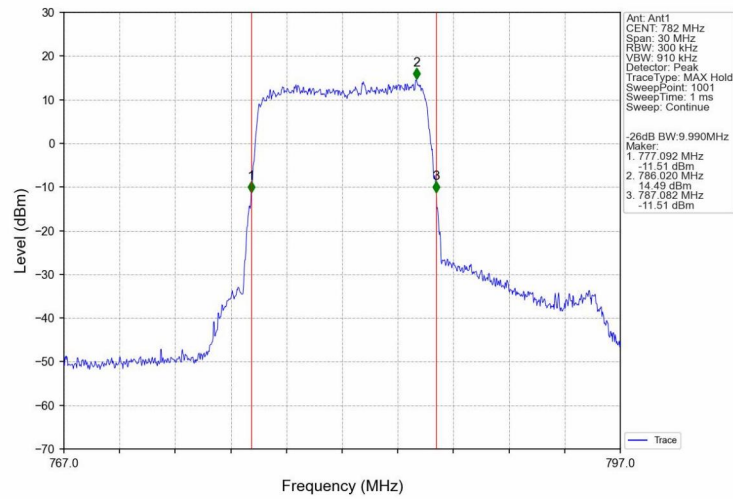
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



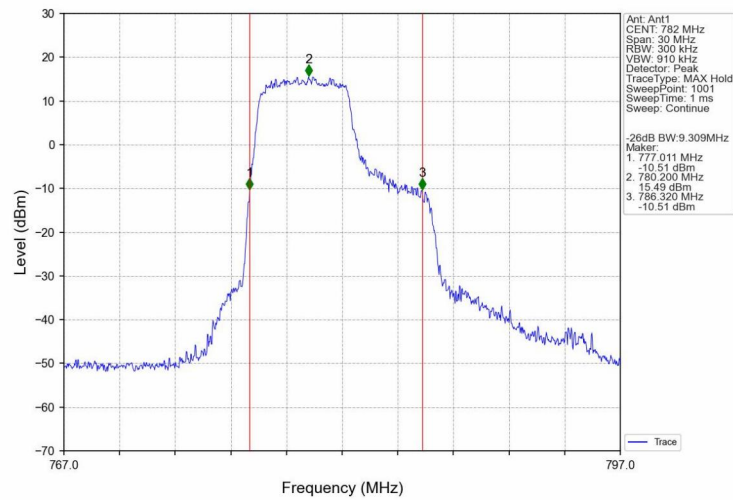
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

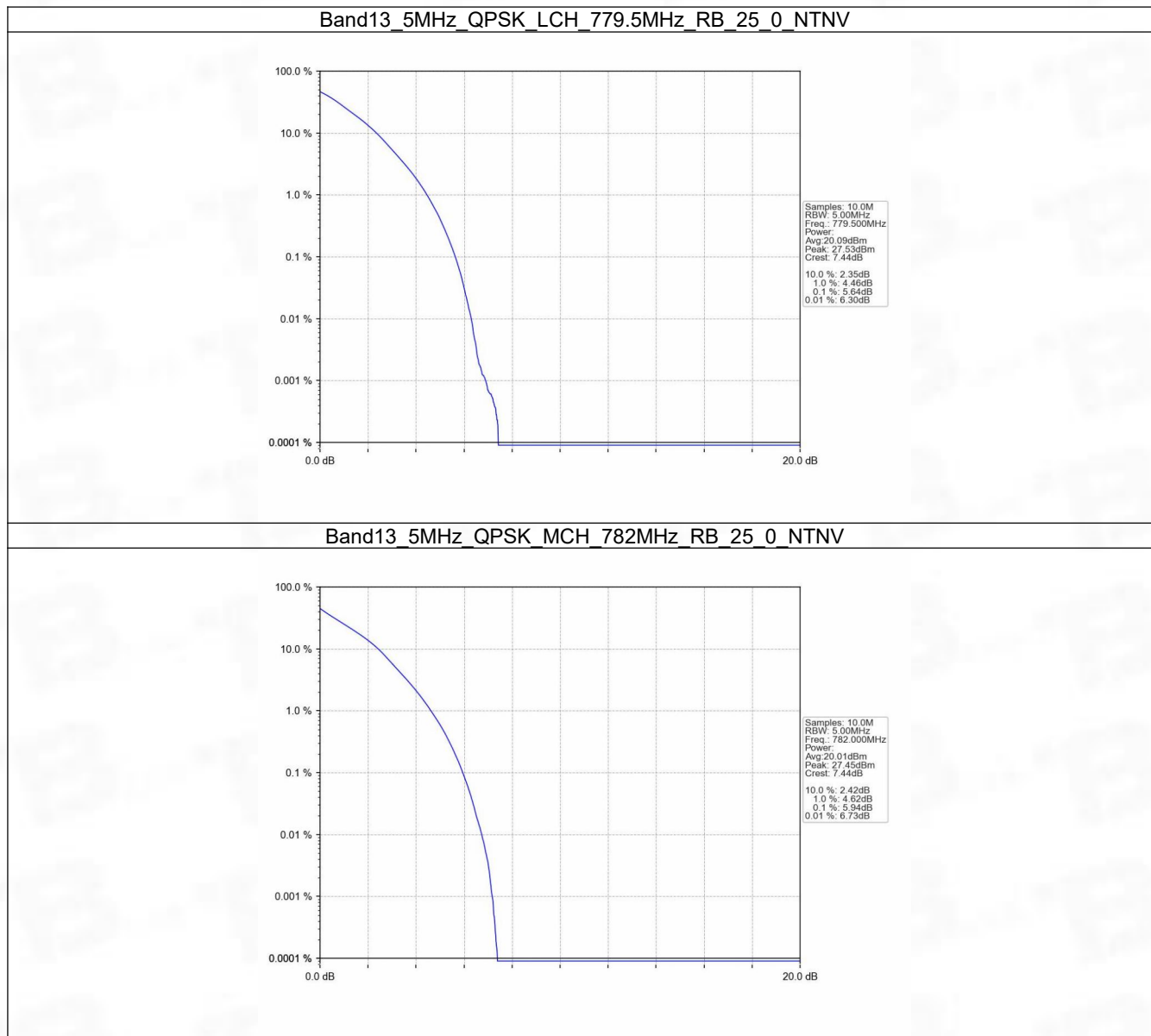
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.64	<=13	Pass
	782	25	0	5.94	<=13	Pass
	784.5	25	0	5.80	<=13	Pass
16QAM	779.5	25	0	6.40	<=13	Pass
	782	25	0	6.61	<=13	Pass
	784.5	25	0	6.58	<=13	Pass

5.1.2 B13_10MHz

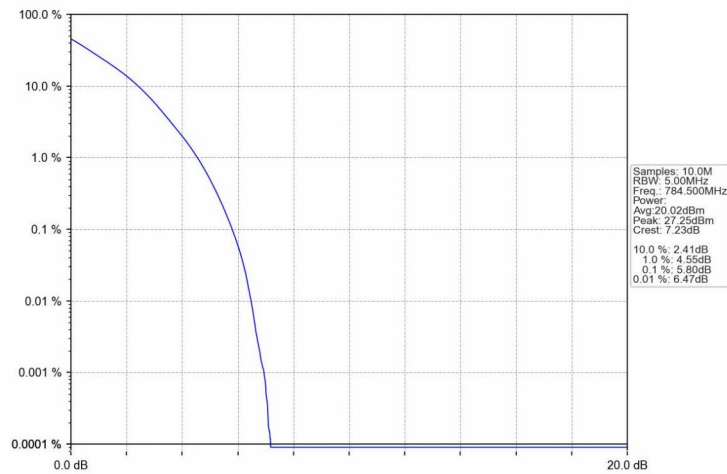
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.86	<=13	Pass
16QAM	782	27	0	6.48	<=13	Pass

5.2 Test Graph

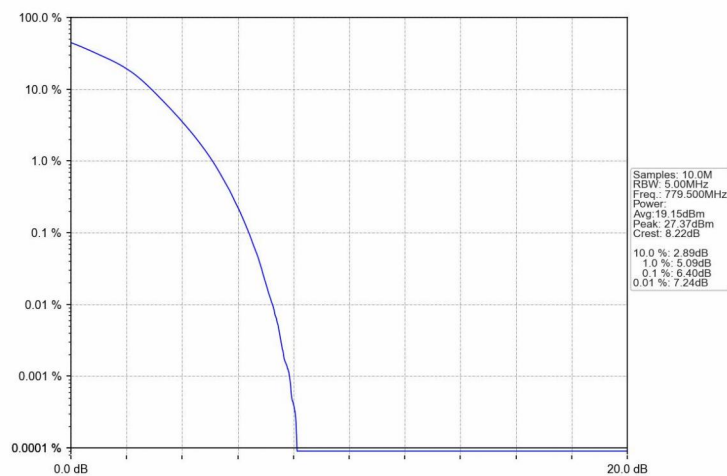
5.2.1 B13_5MHz



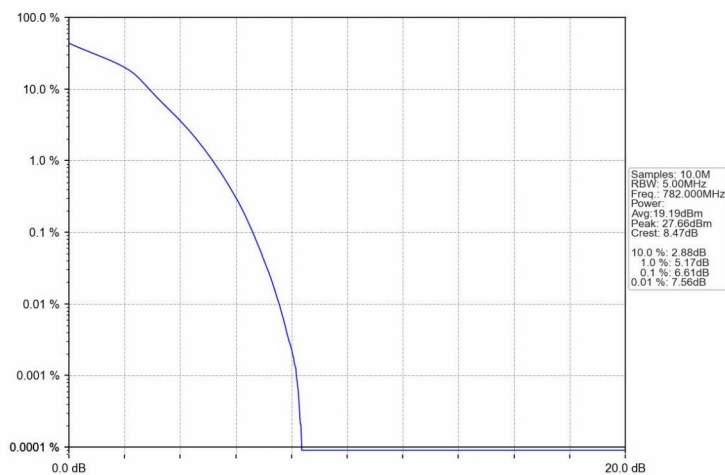
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



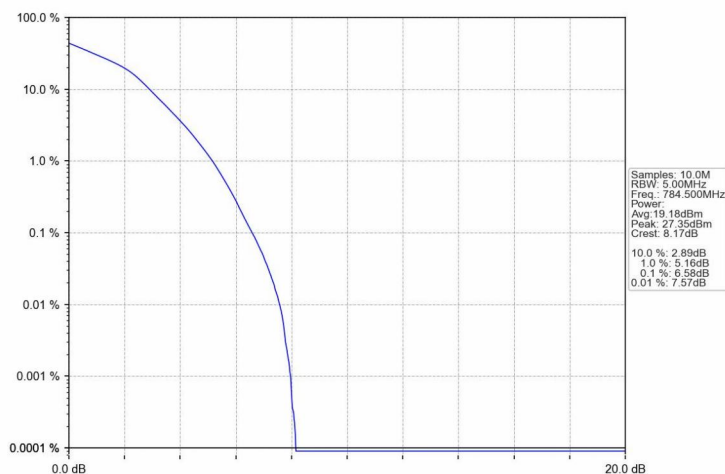
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



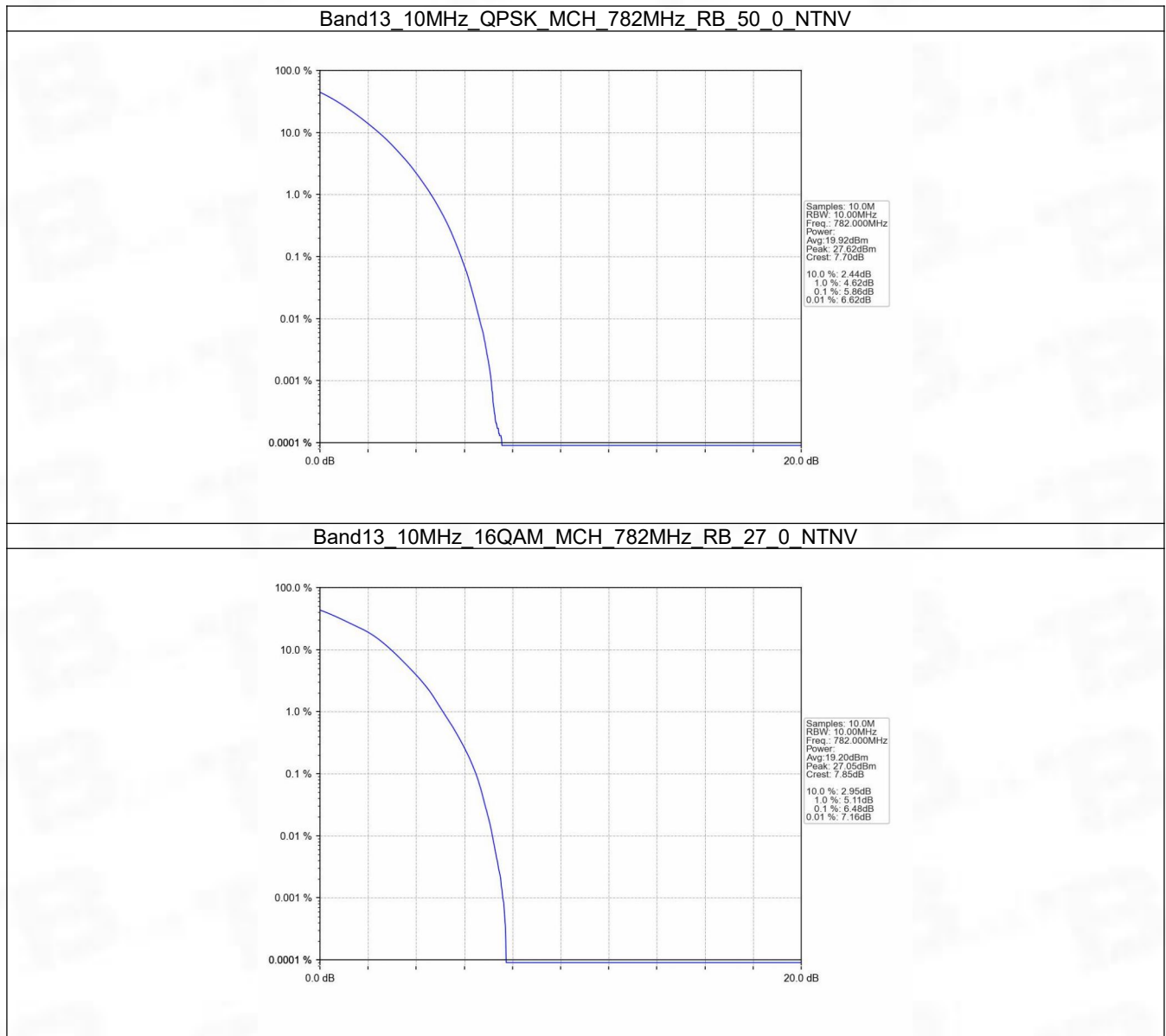
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



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

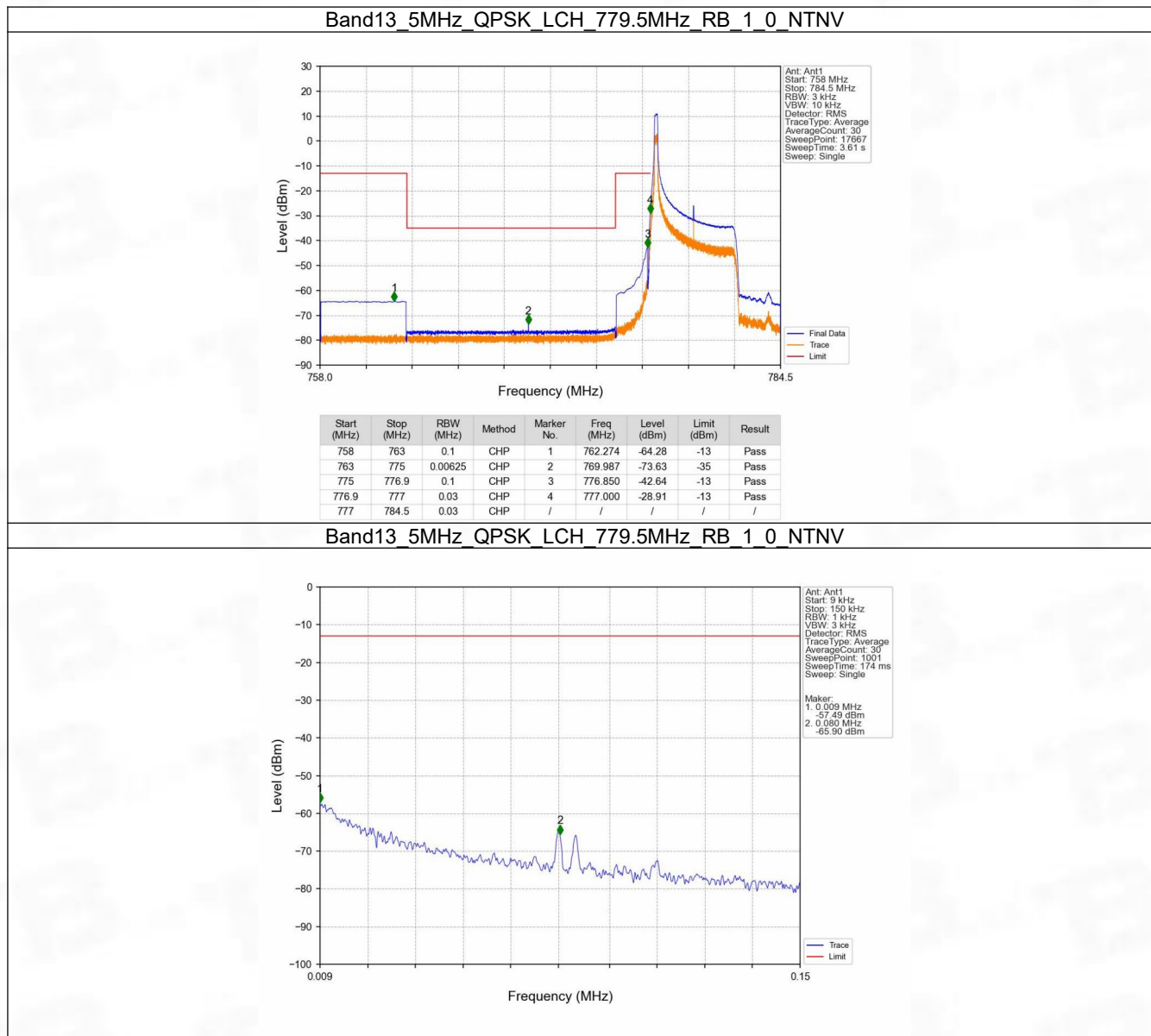
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test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

6.1.2 B13_10MHz

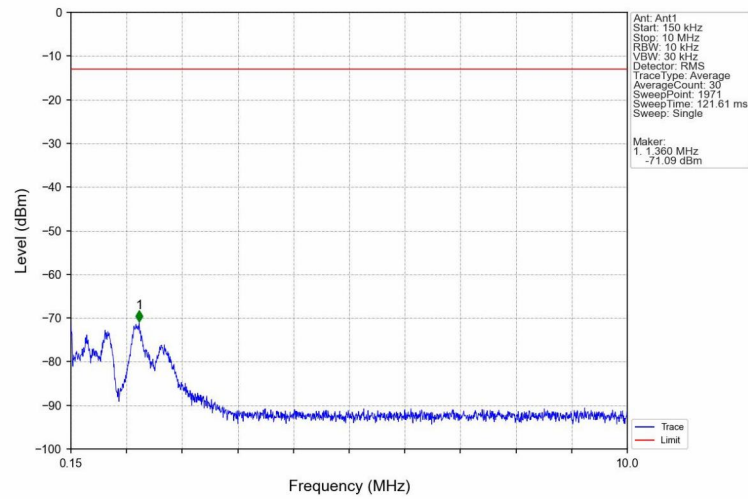
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

6.2 Test Graph

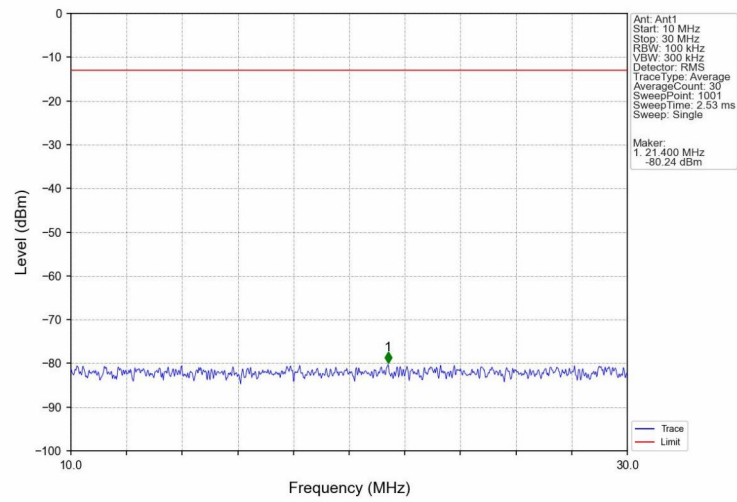
6.2.1 B13_5MHz



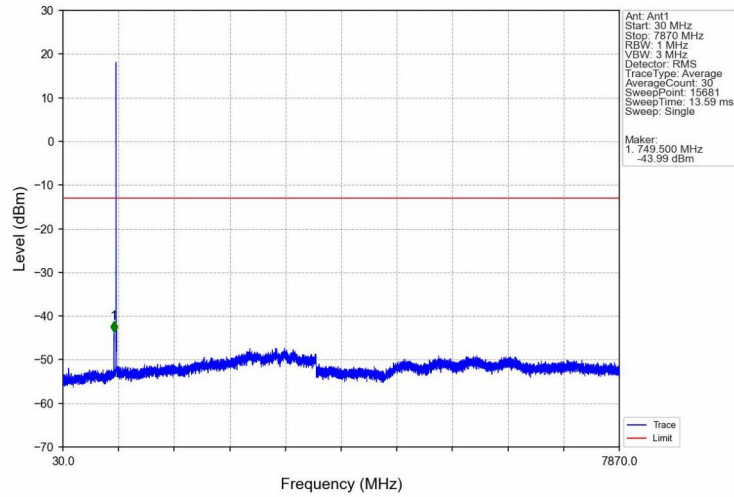
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



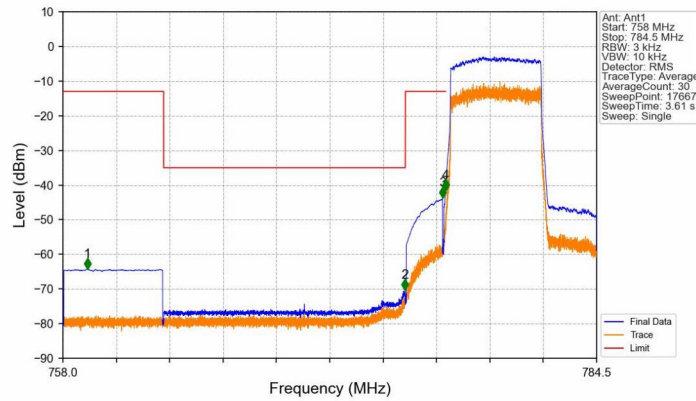
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

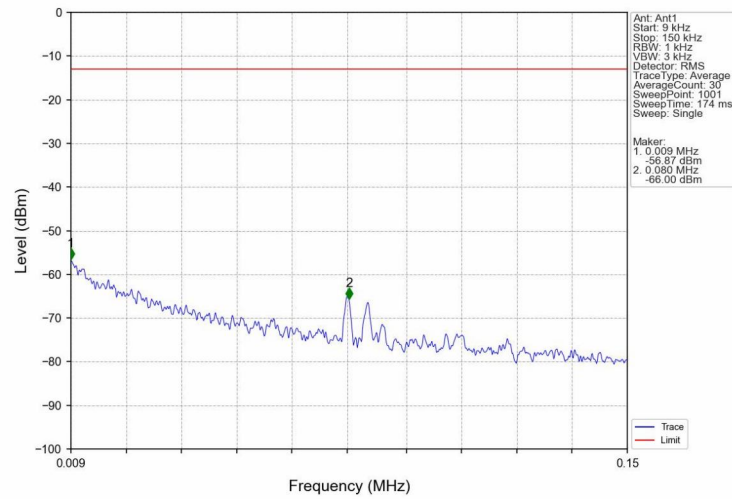


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

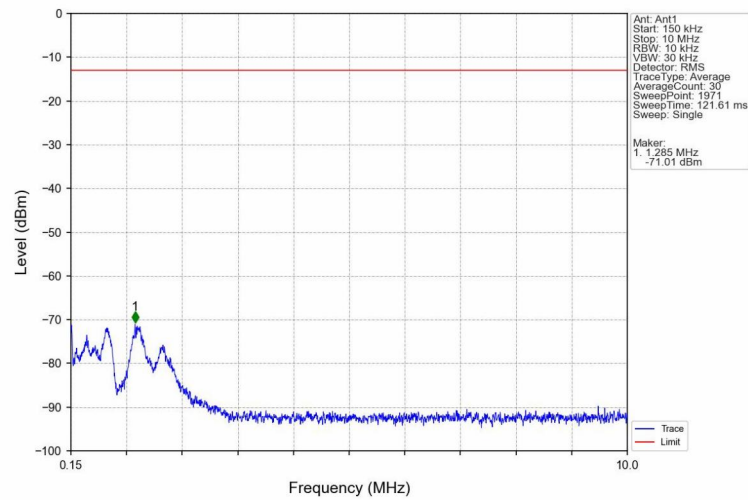


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.221	-64.32	-13	Pass
763	775	0.00625	CHP	2	774.993	-70.19	-35	Pass
775	776.9	0.1	CHP	3	776.850	-43.68	-13	Pass
776.9	777	0.03	CHP	4	777.000	-41.41	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

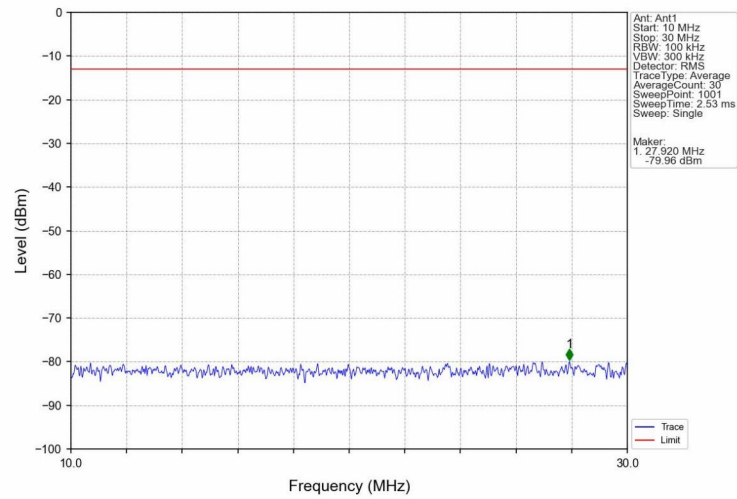
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



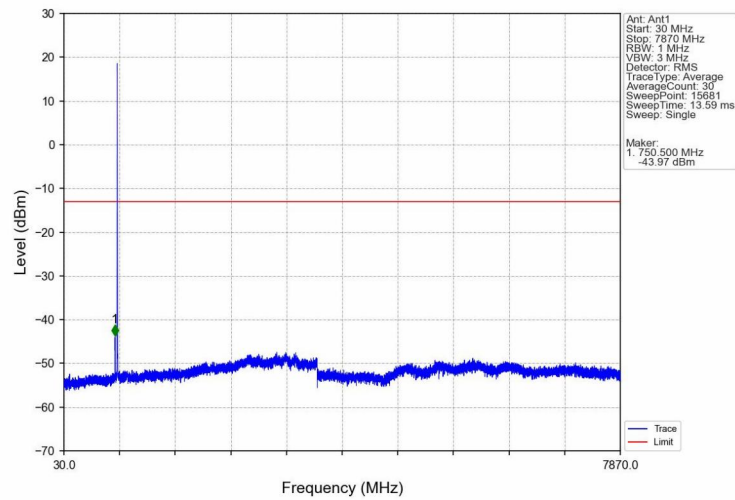
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



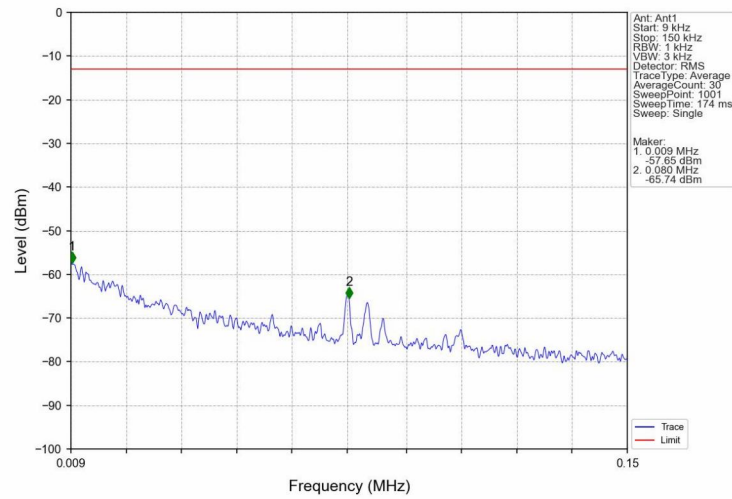
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



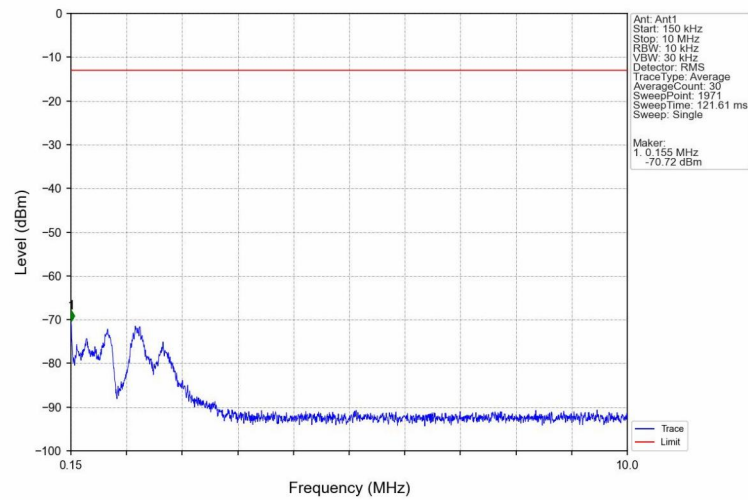
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



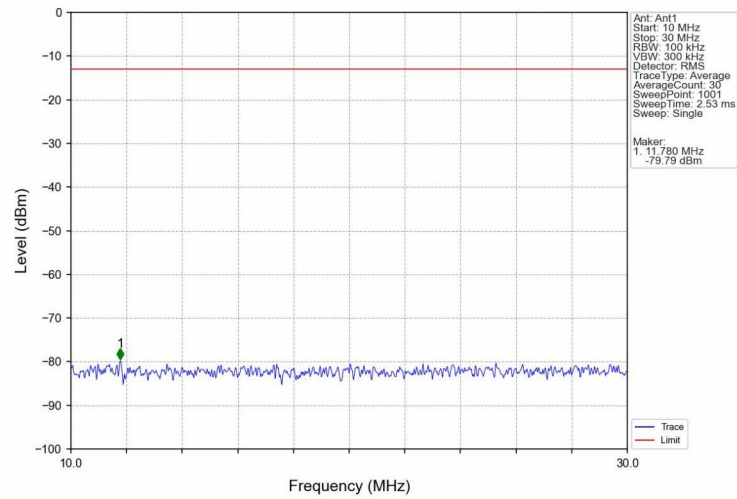
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



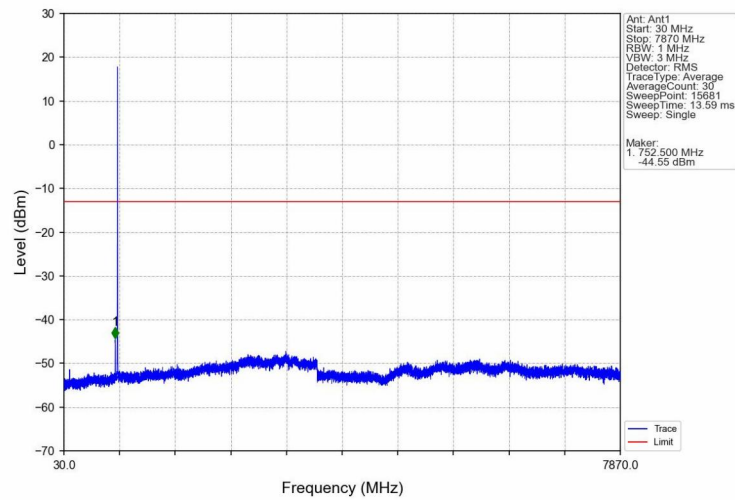
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



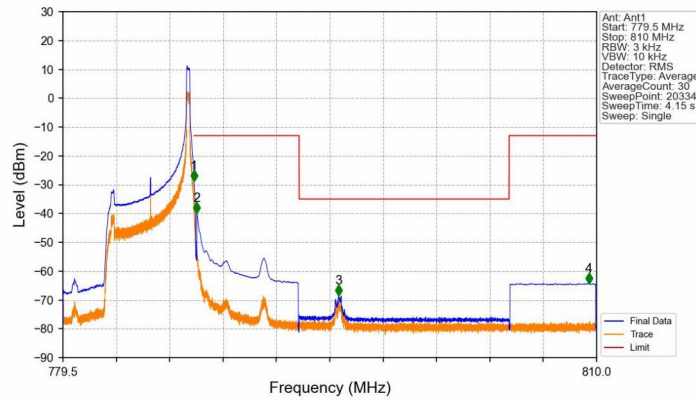
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

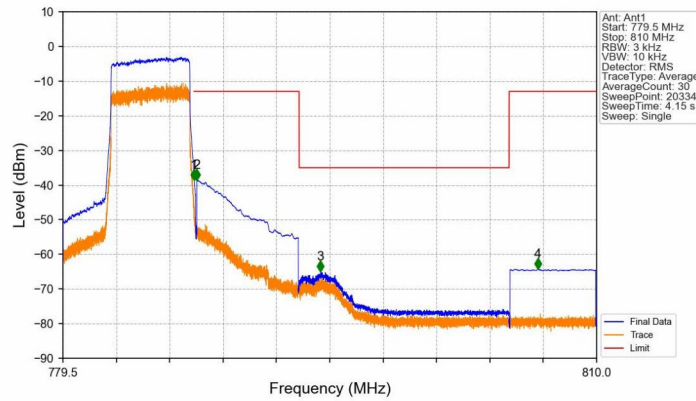


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



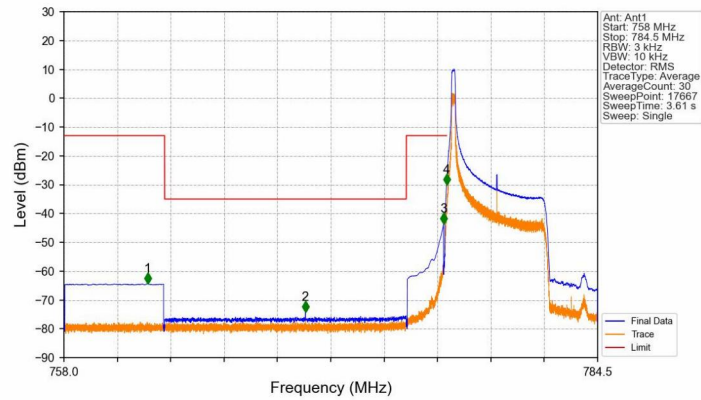
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-28.63	-13	Pass
787.1	793	0.1	CHP	2	787.150	-39.79	-13	Pass
793	805	0.00625	CHP	3	795.264	-68.47	-35	Pass
805	810	0.1	CHP	4	809.553	-64.32	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



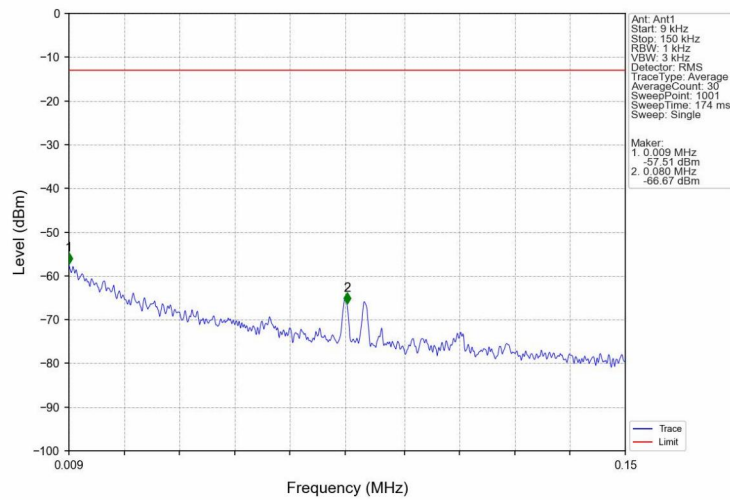
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-38.54	-13	Pass
787.1	793	0.1	CHP	2	787.150	-38.66	-13	Pass
793	805	0.00625	CHP	3	794.226	-65.00	-35	Pass
805	810	0.1	CHP	4	806.649	-64.29	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

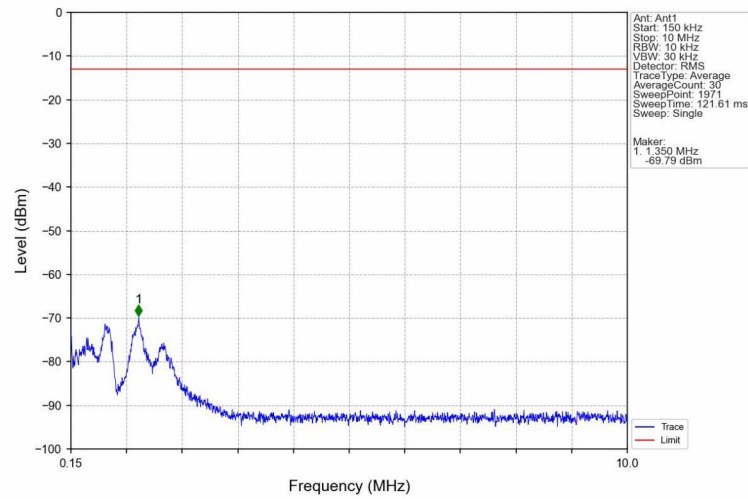


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.151	-64.37	-13	Pass
763	775	0.00625	CHP	2	769.987	-74.30	-35	Pass
775	776.9	0.1	CHP	3	776.850	-43.62	-13	Pass
776.9	777	0.03	CHP	4	777.000	-30.04	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

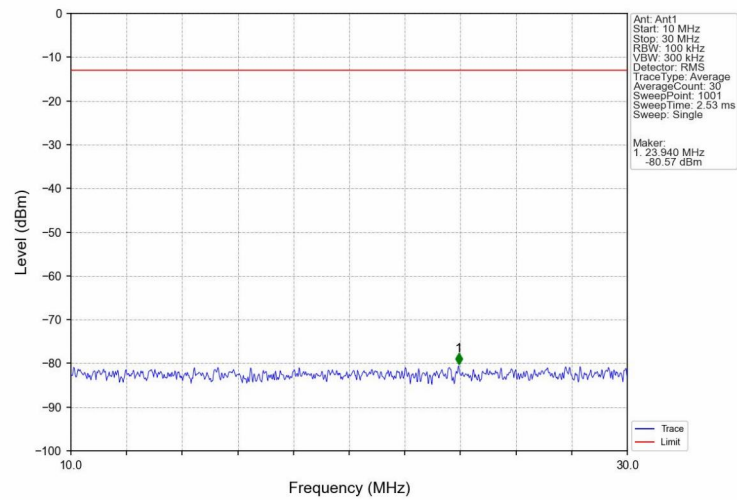
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



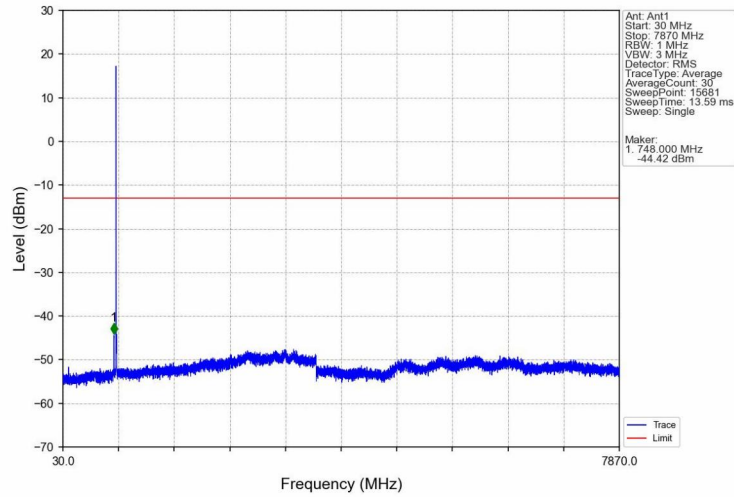
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



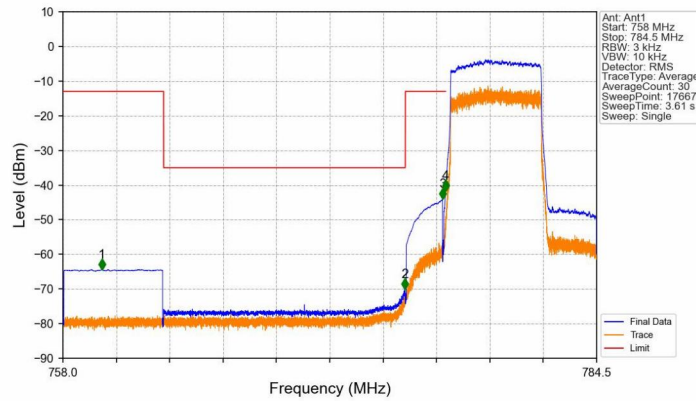
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

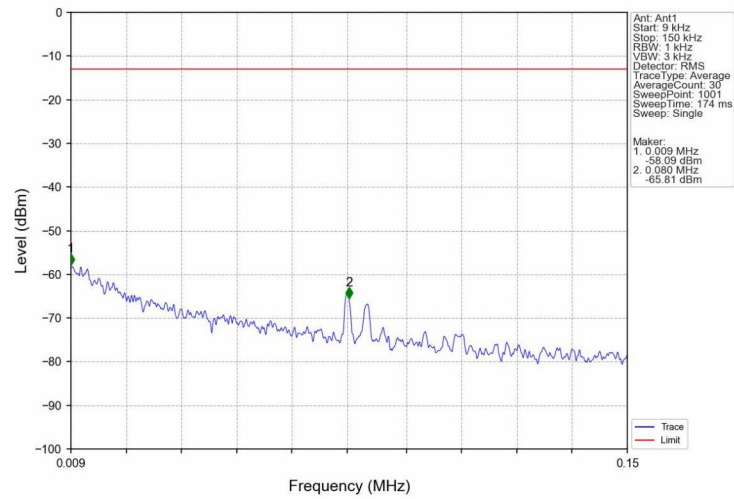


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

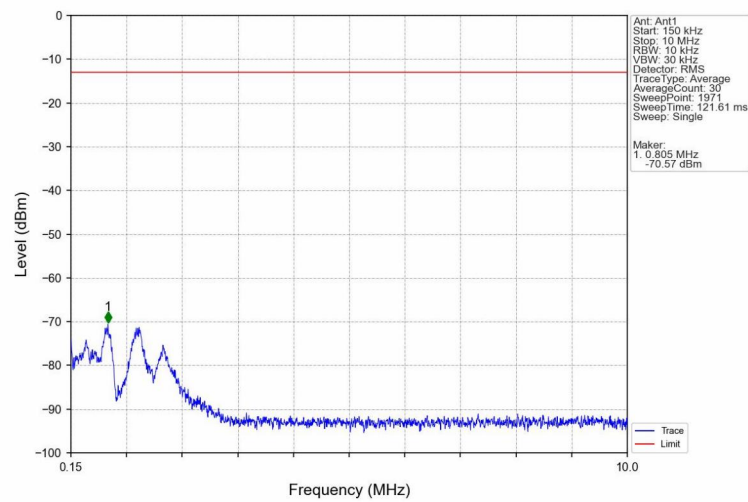


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.929	-64.36	-13	Pass
763	775	0.00625	CHP	2	774.976	-70.12	-35	Pass
775	776.9	0.1	CHP	3	776.850	-43.97	-13	Pass
776.9	777	0.03	CHP	4	777.000	-41.63	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

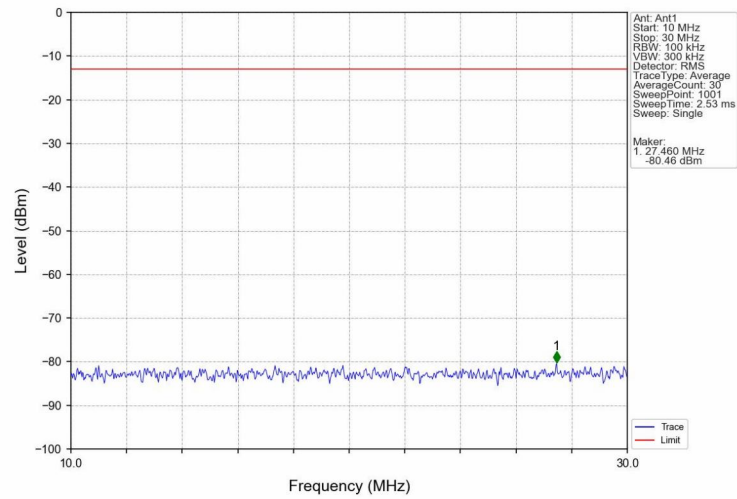
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



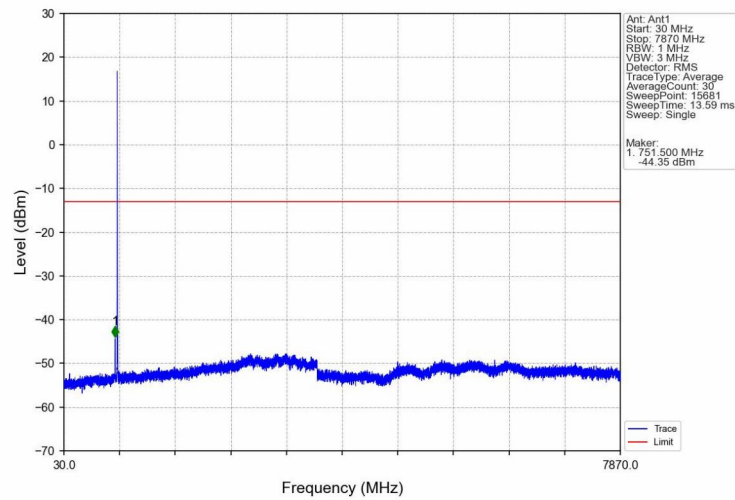
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



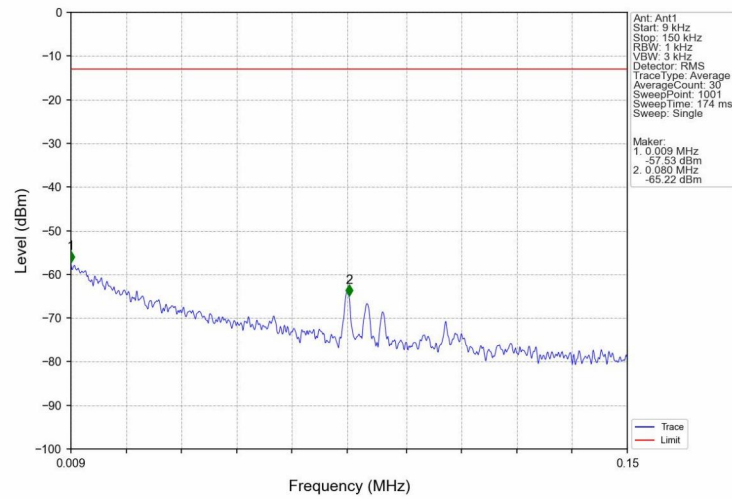
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



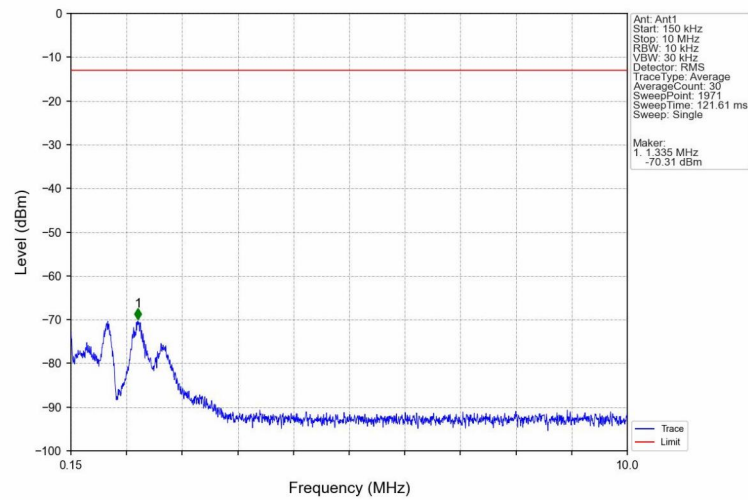
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



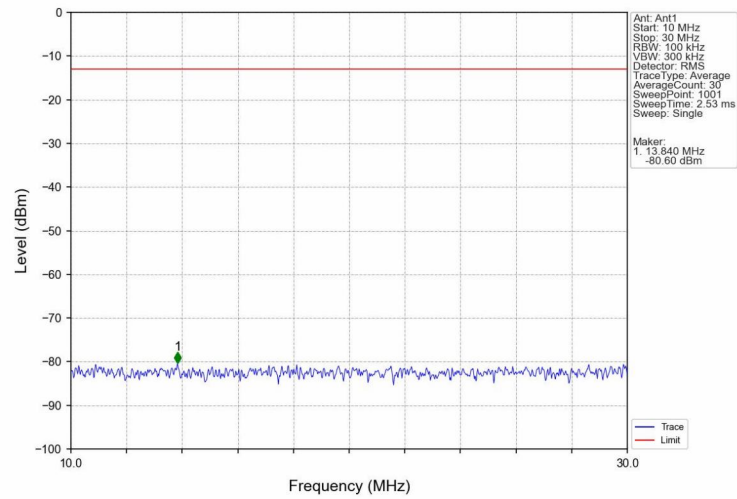
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



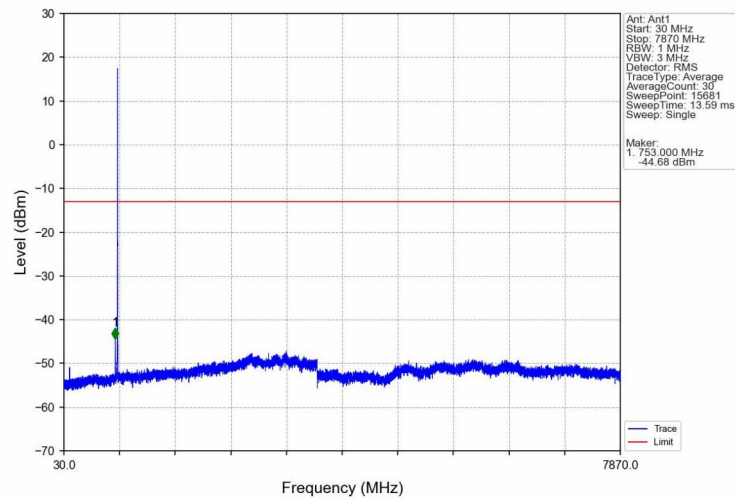
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



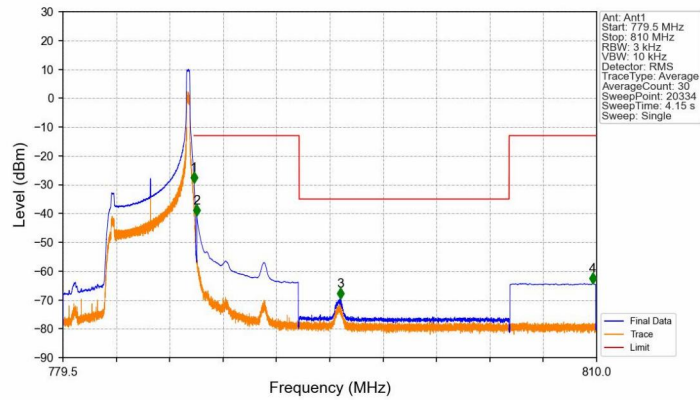
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

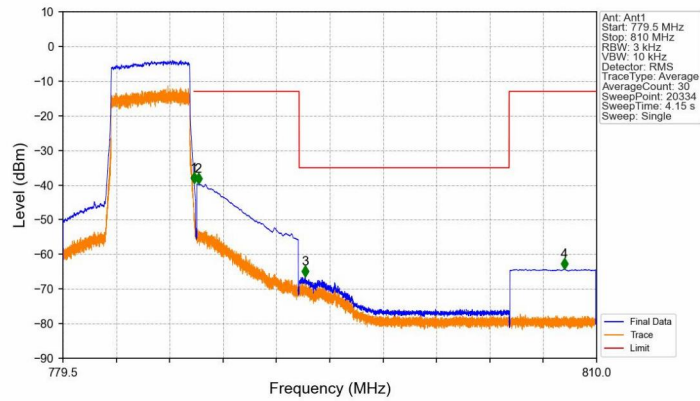


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



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	-29.33	-13	Pass
787.1	793	0.1	CHP	2	787.150	-40.83	-13	Pass
793	805	0.00625	CHP	3	795.352	-69.57	-35	Pass
805	810	0.1	CHP	4	809.779	-64.30	-13	Pass

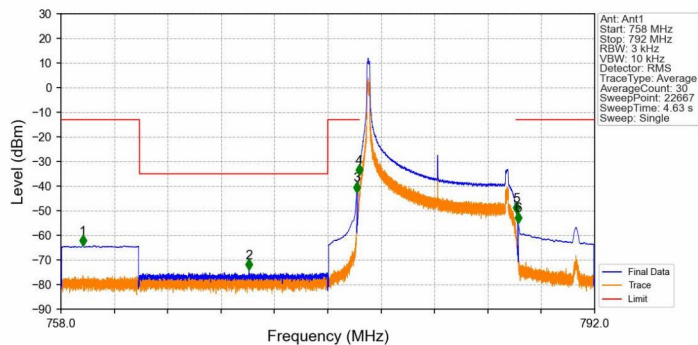
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



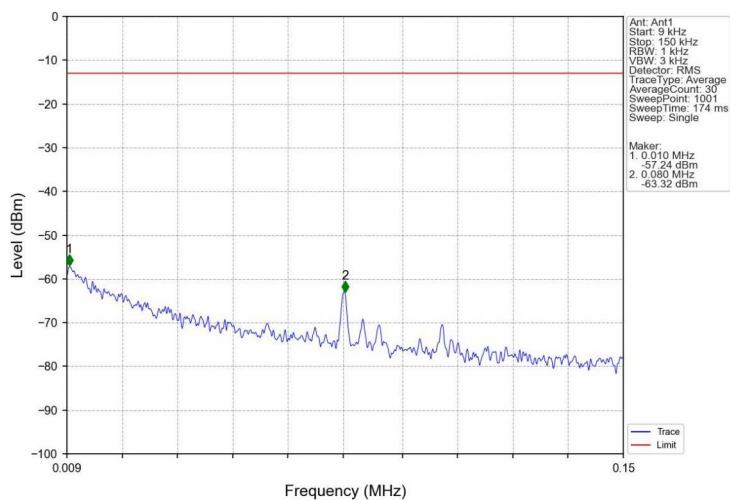
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-39.42	-13	Pass
787.1	793	0.1	CHP	2	787.236	-39.71	-13	Pass
793	805	0.00625	CHP	3	793.342	-66.41	-35	Pass
805	810	0.1	CHP	4	808.146	-64.25	-13	Pass

6.2.2 B13_10MHz

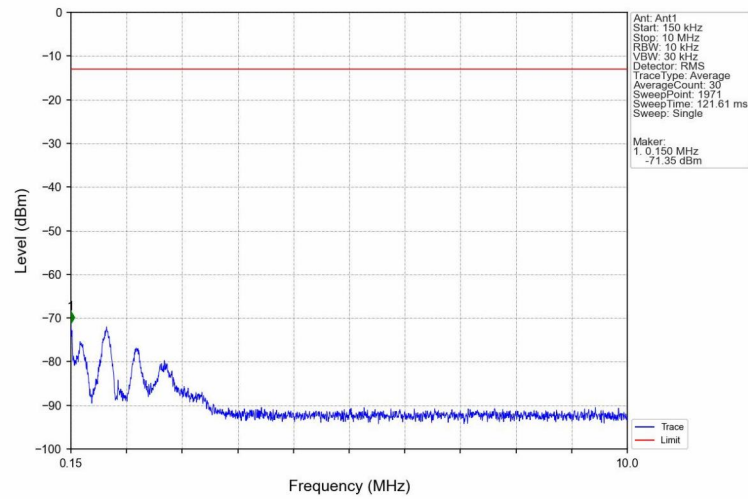
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



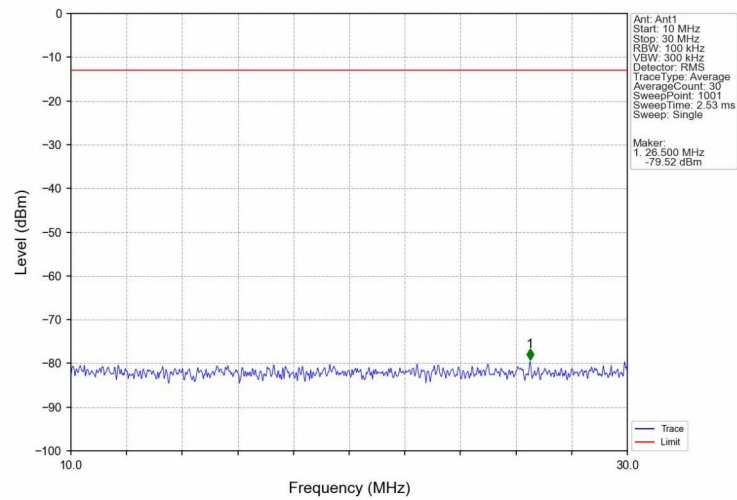
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



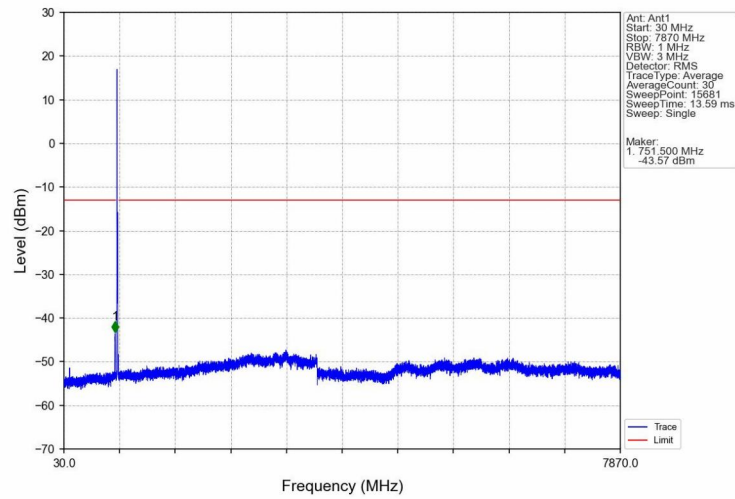
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



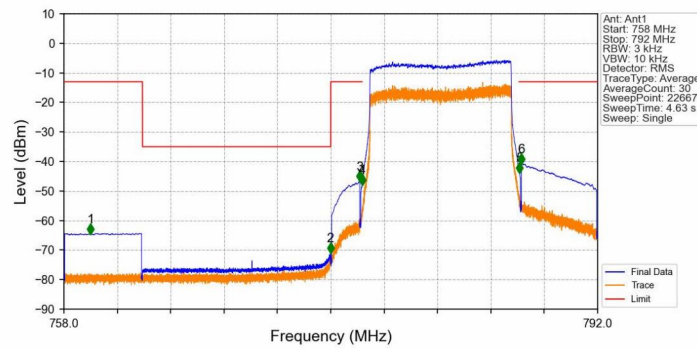
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

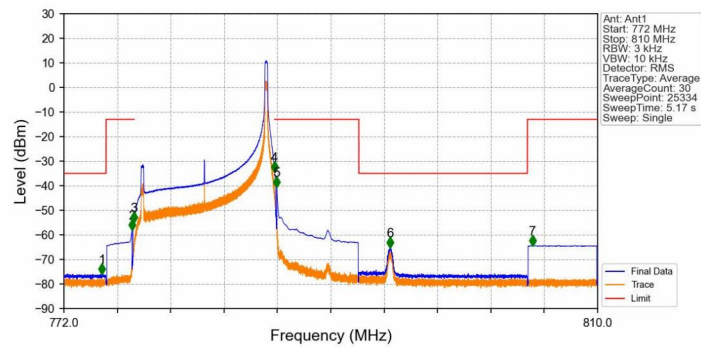


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



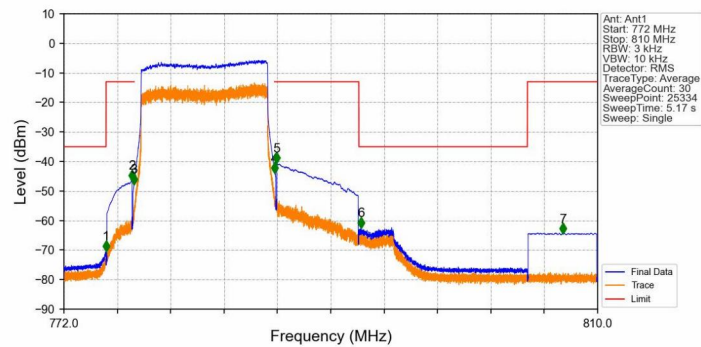
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.707	-64.35	-13	Pass
763	775	0.00625	CHP	2	774.985	-70.79	-35	Pass
775	776.9	0.1	CHP	3	776.850	-46.53	-13	Pass
776.9	777	0.03	CHP	4	777.000	-47.73	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.027	-43.67	-13	Pass
787.1	792	0.1	CHP	6	787.150	-40.66	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



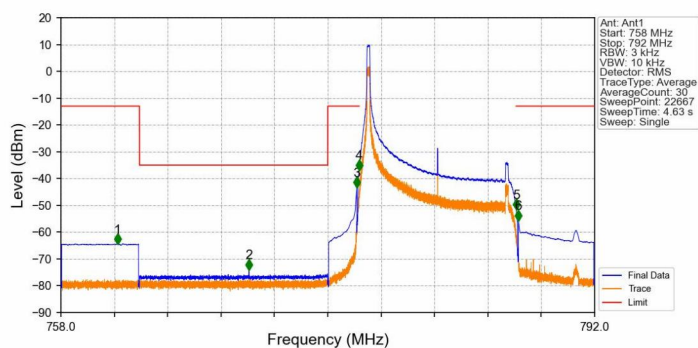
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.709	-75.79	-35	Pass
775	776.9	0.1	CHP	2	776.850	-57.75	-13	Pass
776.9	777	0.03	CHP	3	777.000	-64.77	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-34.31	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.44	-13	Pass
793	805	0.00625	CHP	6	795.234	-65.08	-35	Pass
805	810	0.1	CHP	7	805.375	-64.28	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



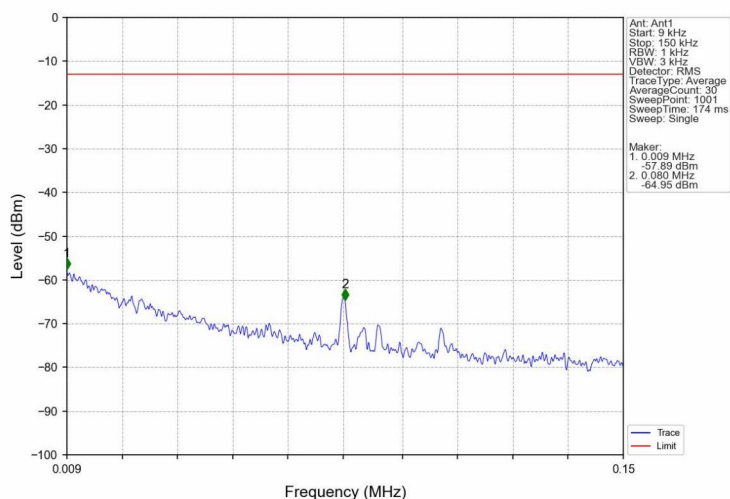
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.991	-70.13	-35	Pass
775	776.9	0.1	CHP	2	776.850	-46.20	-13	Pass
776.9	777	0.03	CHP	3	777.000	-47.52	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-43.68	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.34	-13	Pass
793	805	0.00625	CHP	6	793.150	-62.24	-35	Pass
805	810	0.1	CHP	7	807.546	-64.23	-13	Pass

Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV

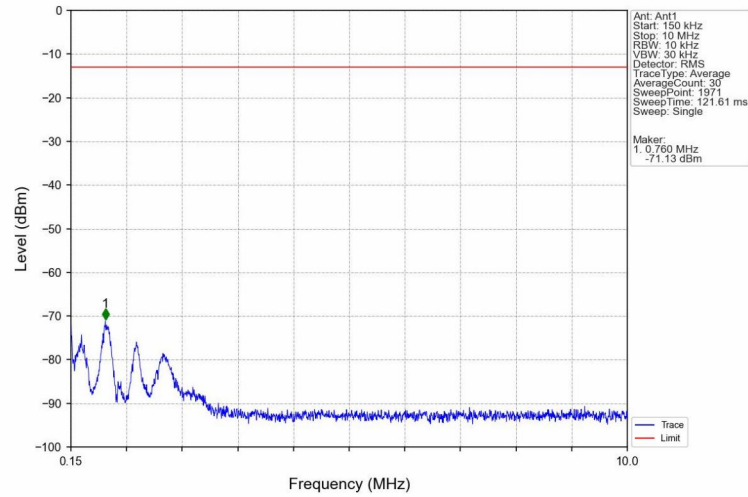


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.615	-64.30	-13	Pass
763	775	0.00625	CHP	2	769.985	-73.79	-35	Pass
775	776.9	0.1	CHP	3	776.850	-43.15	-13	Pass
776.9	777	0.03	CHP	4	777.000	-36.65	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-51.39	-13	Pass
787.1	792	0.1	CHP	6	787.150	-55.48	-13	Pass

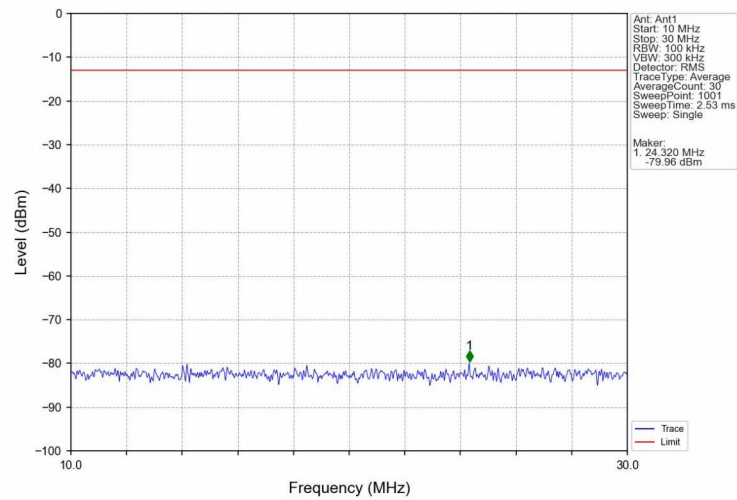
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV



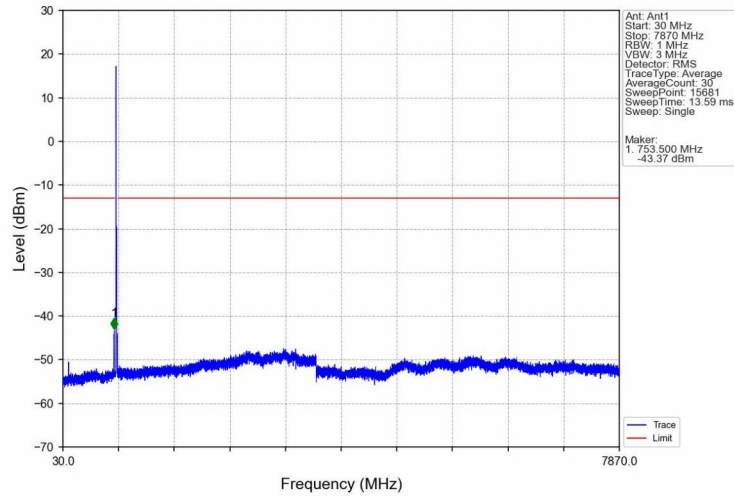
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



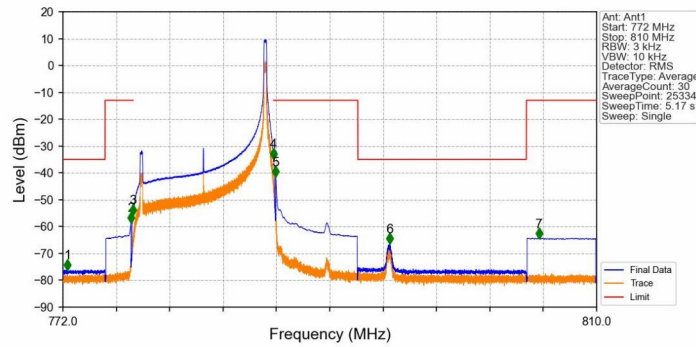
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_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	772.323	-75.88	-35	Pass
775	776.9	0.1	CHP	2	776.850	-58.26	-13	Pass
776.9	777	0.03	CHP	3	777.000	-55.44	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-34.54	-13	Pass
787.1	793	0.1	CHP	5	787.150	-41.24	-13	Pass
793	805	0.00625	CHP	6	795.268	-66.18	-35	Pass
805	810	0.1	CHP	7	805.894	-64.26	-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	0.1183	0.0138	ppm	4M57G7D	27F	20.73
13	5	779.5	784.5	0.0904	0.0164	ppm	4M56W7D	27F	19.56
13	10	782	782	0.1138	0.0565	ppm	9M07G7D	27F	20.56
13	10	782	782	0.1014	0.0169	ppm	5M51W7D	27F	20.06

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	0.0867	0.0138	ppm	4M57G7D	27F	19.38
13	5	779.5	784.5	0.0662	0.0164	ppm	4M56W7D	27F	18.21
13	10	782	782	0.0834	0.0565	ppm	9M07G7D	27F	19.21
13	10	782	782	0.0743	0.0169	ppm	5M51W7D	27F	18.71