

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	21.60	-5.25	14.20	<=34.77	Pass
			13	21.61	-5.25	14.21	<=34.77	Pass
			24	21.40	-5.25	14.00	<=34.77	Pass
		12	0	20.80	-5.25	13.40	<=34.77	Pass
			6	20.81	-5.25	13.41	<=34.77	Pass
			13	20.74	-5.25	13.34	<=34.77	Pass
		25	0	20.76	-5.25	13.36	<=34.77	Pass
	782	1	0	21.65	-5.25	14.25	<=34.77	Pass
			13	21.83	-5.25	14.43	<=34.77	Pass
			24	21.73	-5.25	14.33	<=34.77	Pass
		12	0	20.94	-5.25	13.54	<=34.77	Pass
			6	20.89	-5.25	13.49	<=34.77	Pass
			13	20.83	-5.25	13.43	<=34.77	Pass
		25	0	20.95	-5.25	13.55	<=34.77	Pass
	784.5	1	0	21.61	-5.25	14.21	<=34.77	Pass
			13	21.83	-5.25	14.43	<=34.77	Pass
			24	21.83	-5.25	14.43	<=34.77	Pass
		12	0	20.65	-5.25	13.25	<=34.77	Pass
			6	20.73	-5.25	13.33	<=34.77	Pass
			13	20.77	-5.25	13.37	<=34.77	Pass
		25	0	20.75	-5.25	13.35	<=34.77	Pass
16QAM	779.5	1	0	20.11	-5.25	12.71	<=34.77	Pass
			13	20.25	-5.25	12.85	<=34.77	Pass
			24	20.15	-5.25	12.75	<=34.77	Pass
		12	0	19.69	-5.25	12.29	<=34.77	Pass
			6	19.81	-5.25	12.41	<=34.77	Pass
			13	19.75	-5.25	12.35	<=34.77	Pass
		25	0	19.82	-5.25	12.42	<=34.77	Pass
	782	1	0	20.55	-5.25	13.15	<=34.77	Pass
			13	20.67	-5.25	13.27	<=34.77	Pass
			24	20.77	-5.25	13.37	<=34.77	Pass
		12	0	19.69	-5.25	12.29	<=34.77	Pass
			6	19.94	-5.25	12.54	<=34.77	Pass
			13	19.70	-5.25	12.30	<=34.77	Pass
		25	0	19.85	-5.25	12.45	<=34.77	Pass
	784.5	1	0	21.06	-5.25	13.66	<=34.77	Pass
			13	21.24	-5.25	13.84	<=34.77	Pass
			24	21.24	-5.25	13.84	<=34.77	Pass
		12	0	19.59	-5.25	12.19	<=34.77	Pass
			6	19.69	-5.25	12.29	<=34.77	Pass
			13	19.64	-5.25	12.24	<=34.77	Pass
		25	0	19.56	-5.25	12.16	<=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	21.87	-5.25	14.47	<=34.77	Pass
			25	21.78	-5.25	14.38	<=34.77	Pass
			49	21.56	-5.25	14.16	<=34.77	Pass
		25	0	20.75	-5.25	13.35	<=34.77	Pass
			13	20.75	-5.25	13.35	<=34.77	Pass
			25	20.66	-5.25	13.26	<=34.77	Pass
		50	0	20.83	-5.25	13.43	<=34.77	Pass
16QAM	782	1	0	20.82	-5.25	13.42	<=34.77	Pass
			25	21.44	-5.25	14.04	<=34.77	Pass
			49	20.37	-5.25	12.97	<=34.77	Pass
		12	0	20.93	-5.25	13.53	<=34.77	Pass
			19	20.95	-5.25	13.55	<=34.77	Pass
			38	20.78	-5.25	13.38	<=34.77	Pass
		27	0	19.76	-5.25	12.36	<=34.77	Pass
			0	19.76	-5.25	12.36	<=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	-2.117	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.375	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-2.446	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-1.931	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.260	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.146	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0023	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-1.731	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.230	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0019	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-0.658	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass

16QAM				10	3.85	-0.930	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0013	-2.5 to 2.5	Pass
	779.5	25	0	20	3.27	-3.104	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0035	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-1.459	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.860	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-2.918	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0033	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-1.159	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.059	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.916	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0011	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-0.916	-0.0012	-2.5 to 2.5	Pass
					3.85	0.873	0.0011	-2.5 to 2.5	Pass
					4.43	-0.186	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0007	-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	-1.087	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.772	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.516	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
16QAM	782	27	0	20	3.27	-0.329	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0004	-2.5 to 2.5	Pass

				-30	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.272	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.944	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.073	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

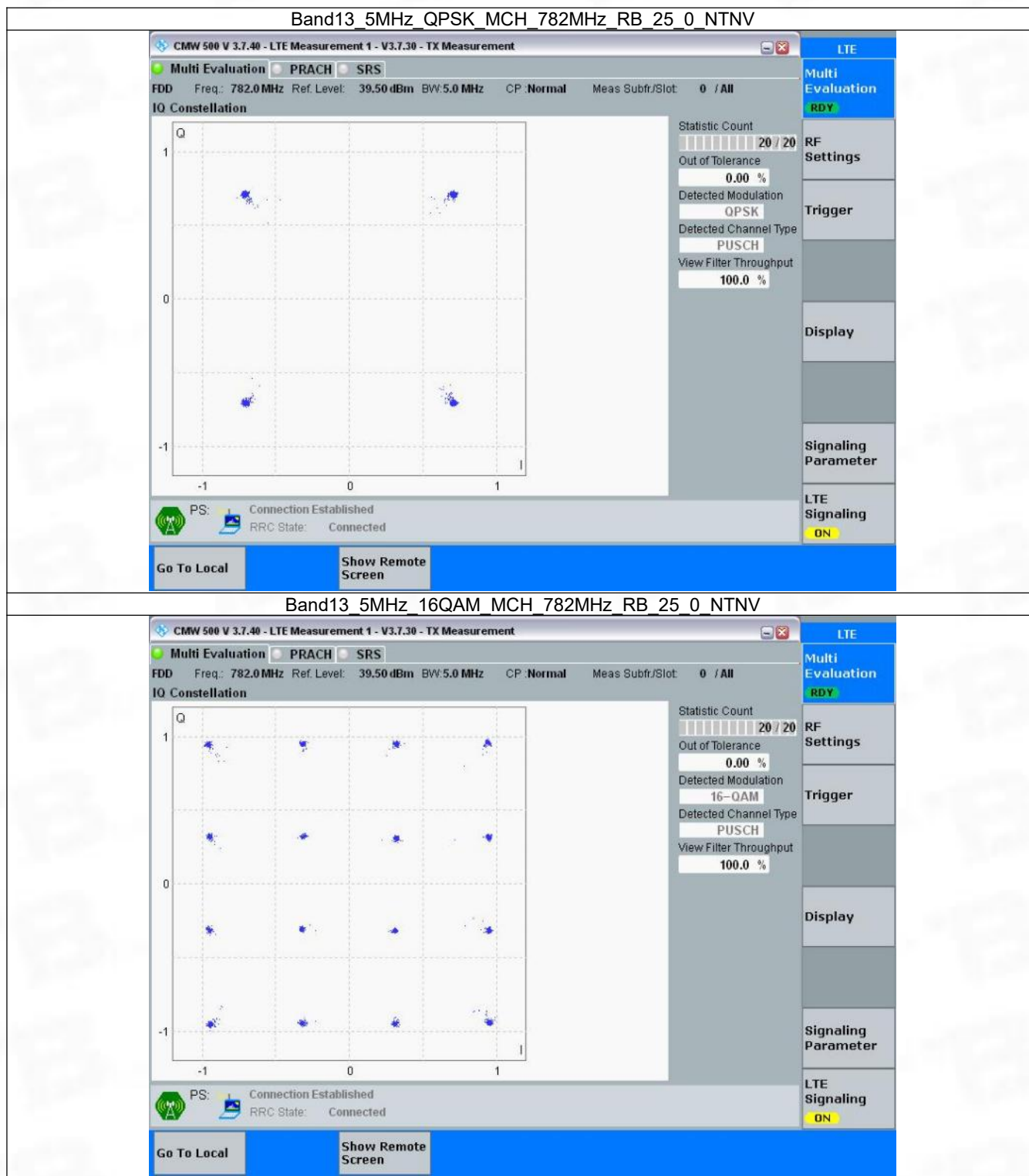
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

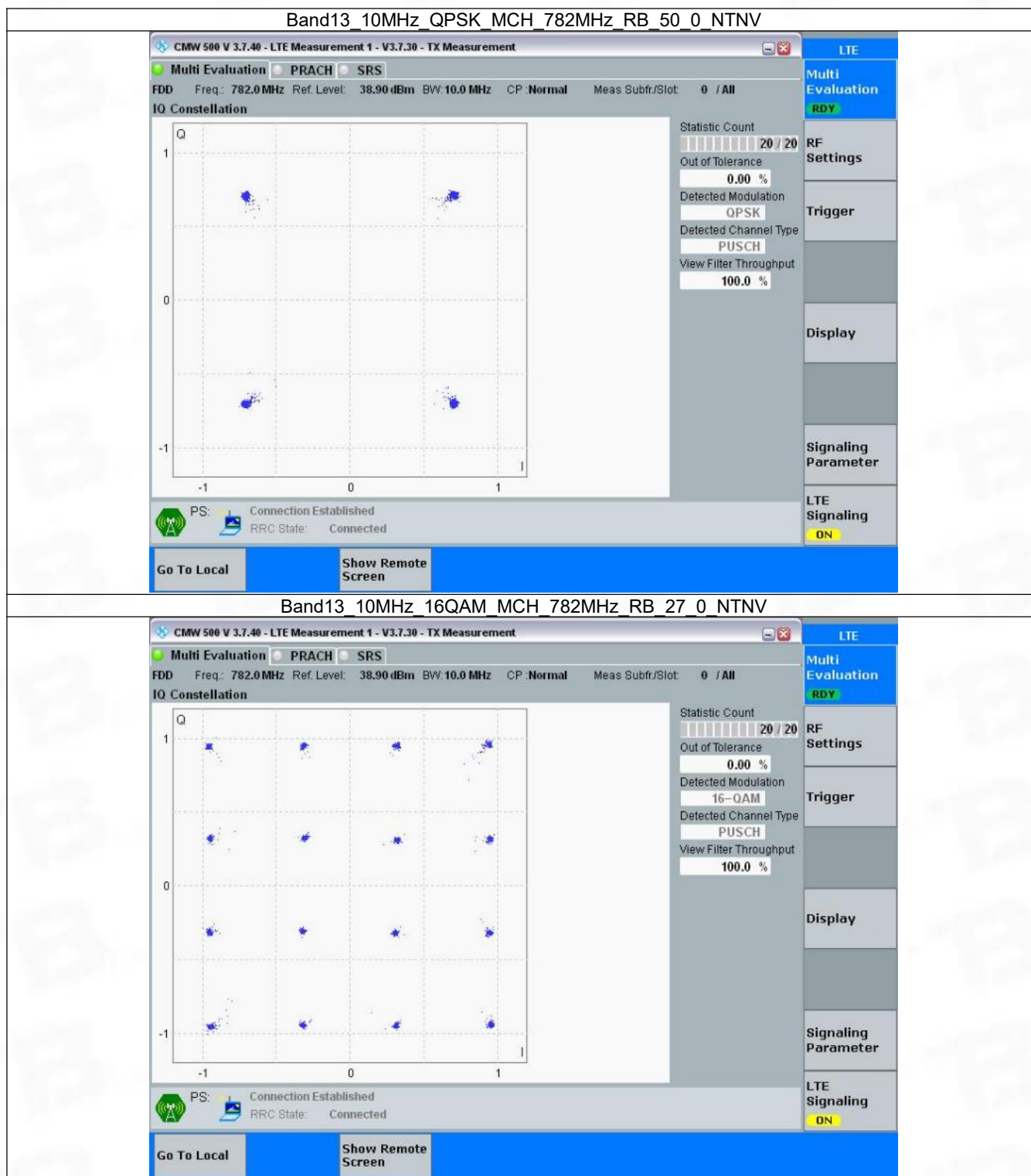
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	27	0	Refer To Test Graph		Pass

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

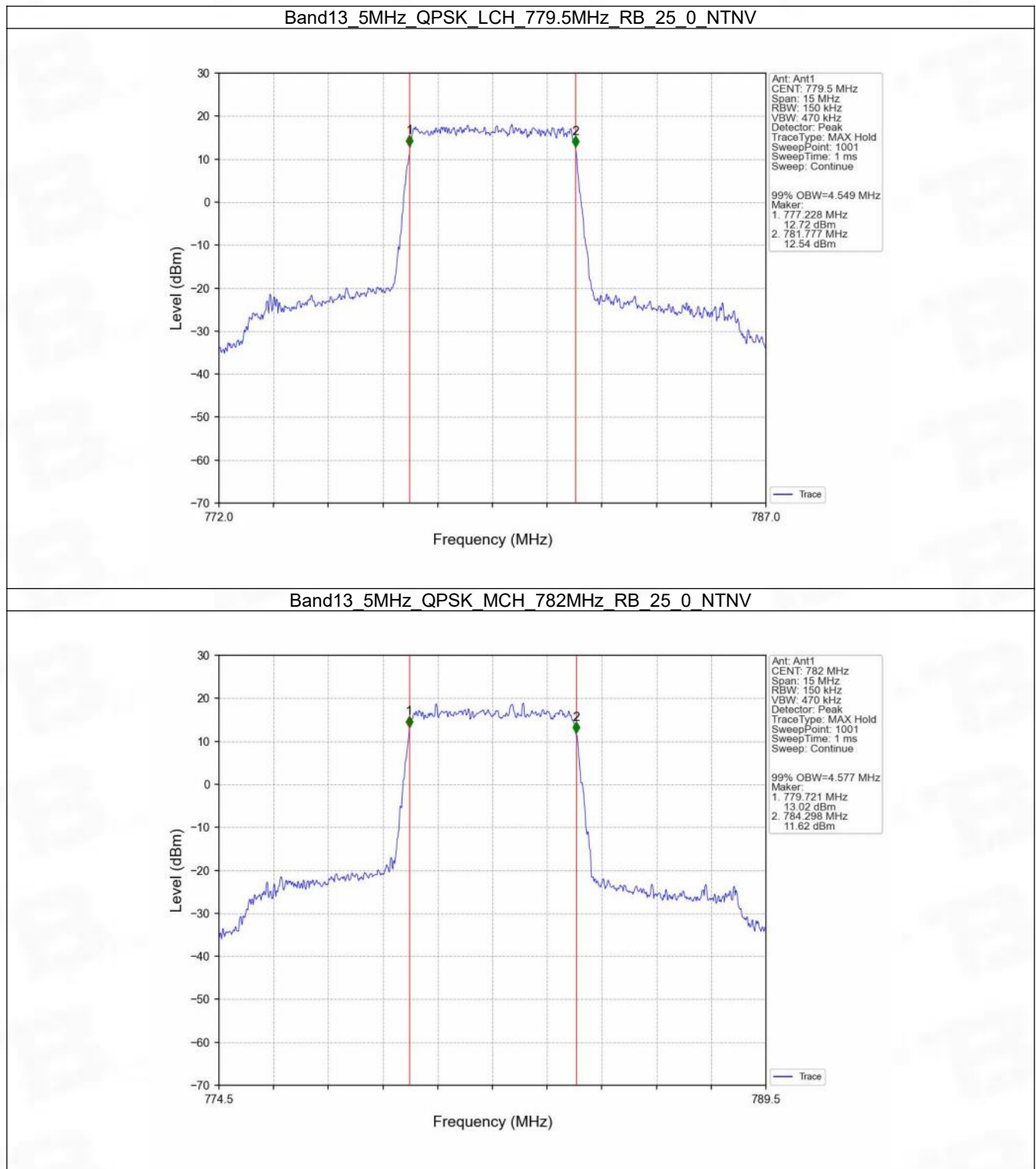
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.549	/	Pass
		782	25	0	4.577	/	Pass
		784.5	25	0	4.559	/	Pass
	16QAM	779.5	25	0	4.561	/	Pass
		782	25	0	4.551	/	Pass
		784.5	25	0	4.557	/	Pass
10	QPSK	782	50	0	9.061	/	Pass
	16QAM	782	27	0	5.081	/	Pass

4.1.2 Band13_XDB

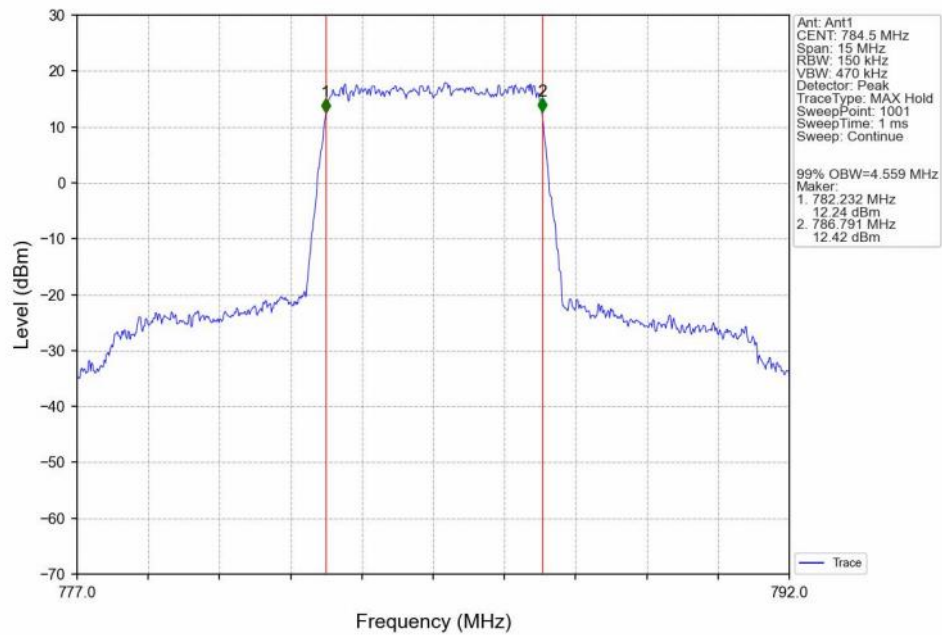
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.042	/	Pass
		782	25	0	5.094	/	Pass
		784.5	25	0	5.112	/	Pass
	16QAM	779.5	25	0	5.076	/	Pass
		782	25	0	5.120	/	Pass
		784.5	25	0	5.095	/	Pass
10	QPSK	782	50	0	10.061	/	Pass
	16QAM	782	27	0	6.076	/	Pass

4.2 Test Graph

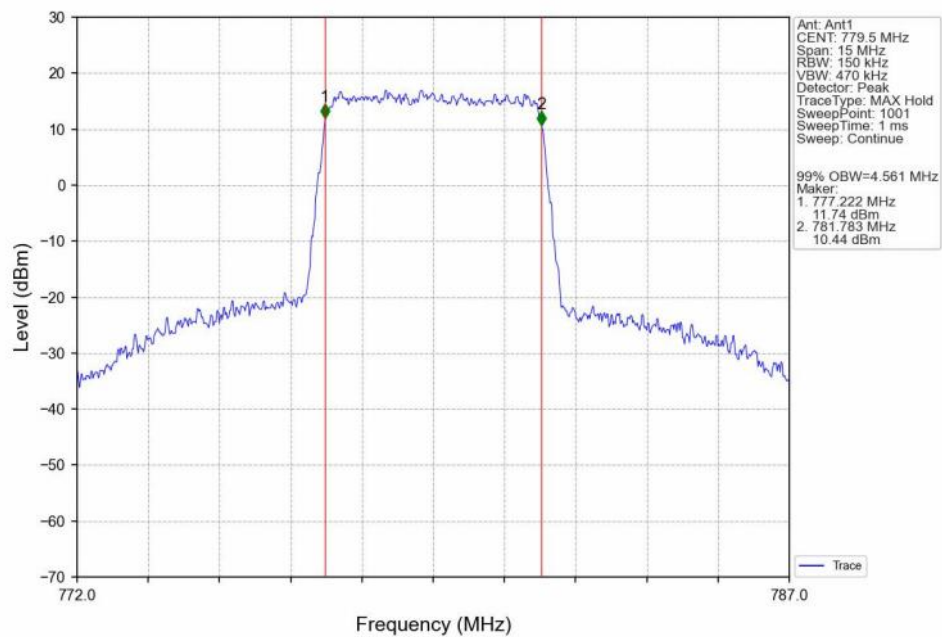
4.2.1 Band13_OBW



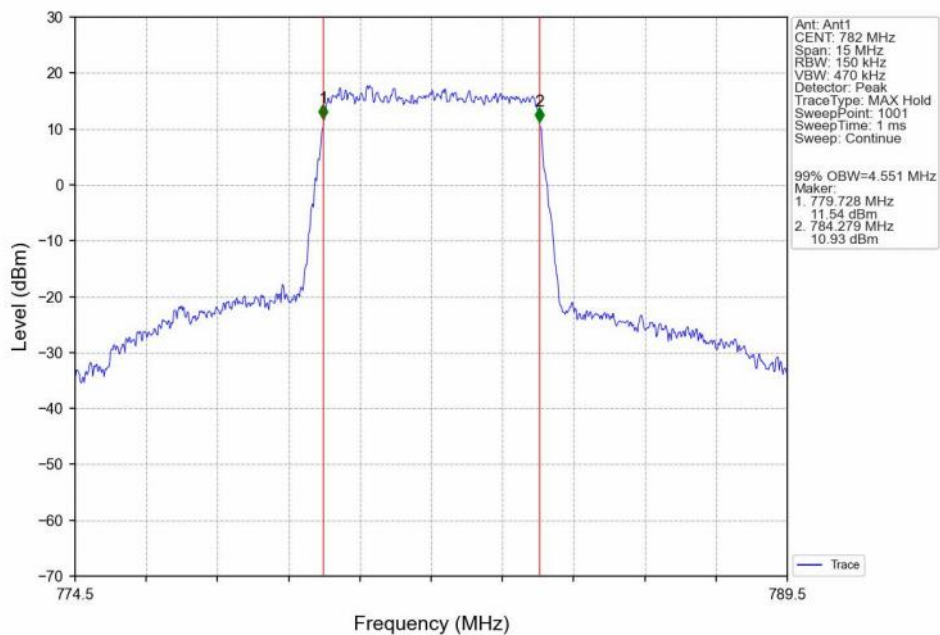
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



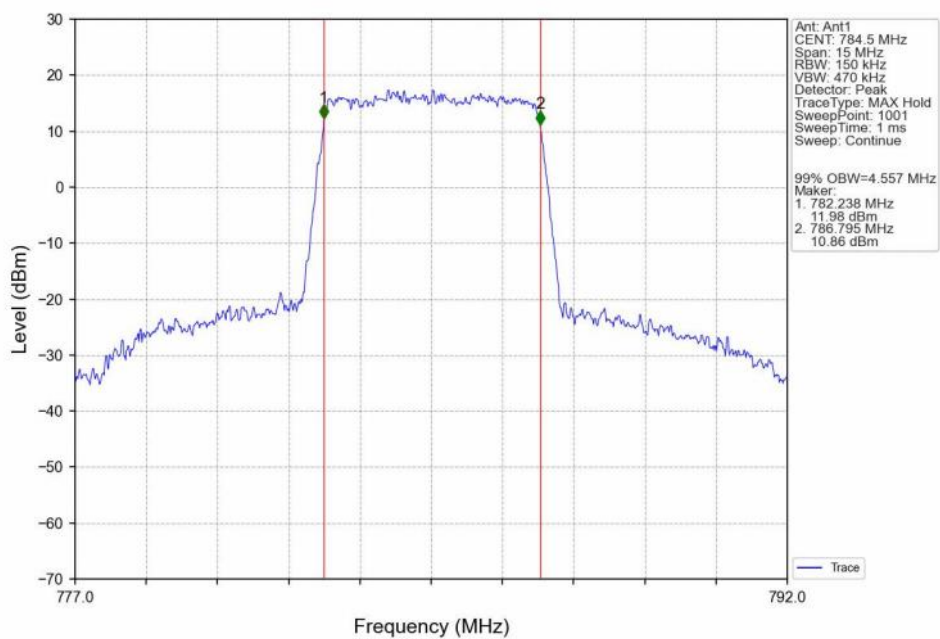
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



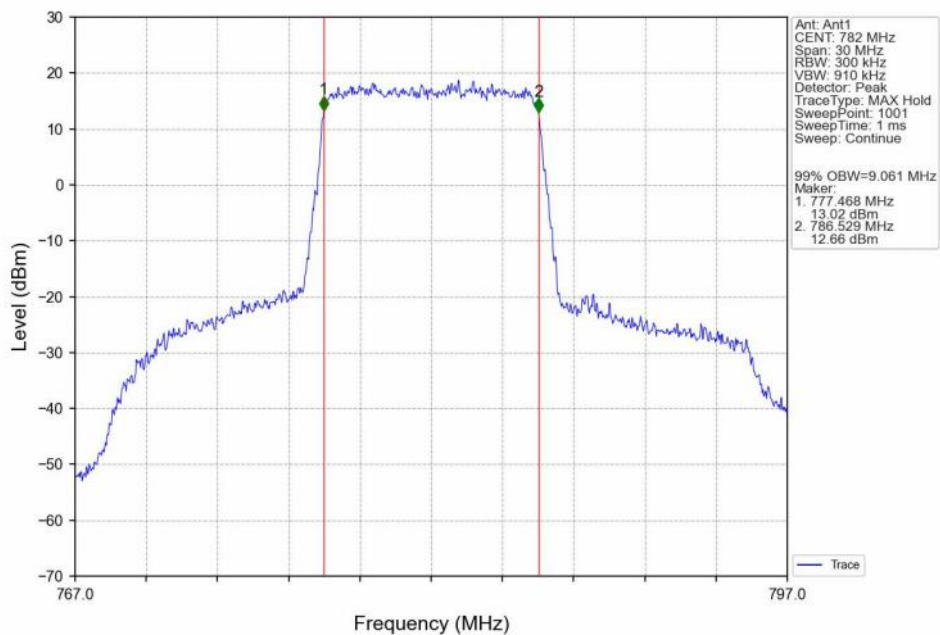
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



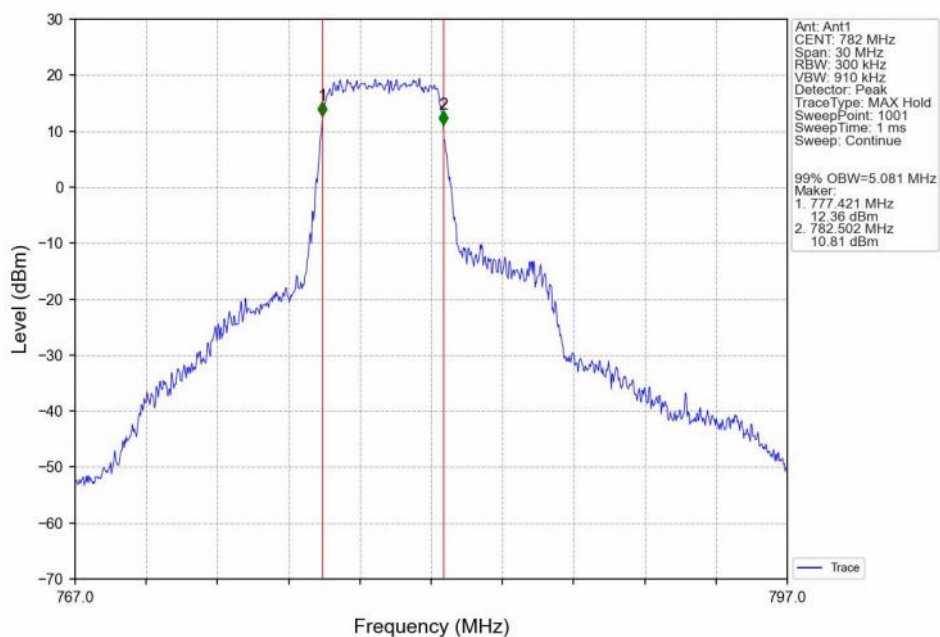
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



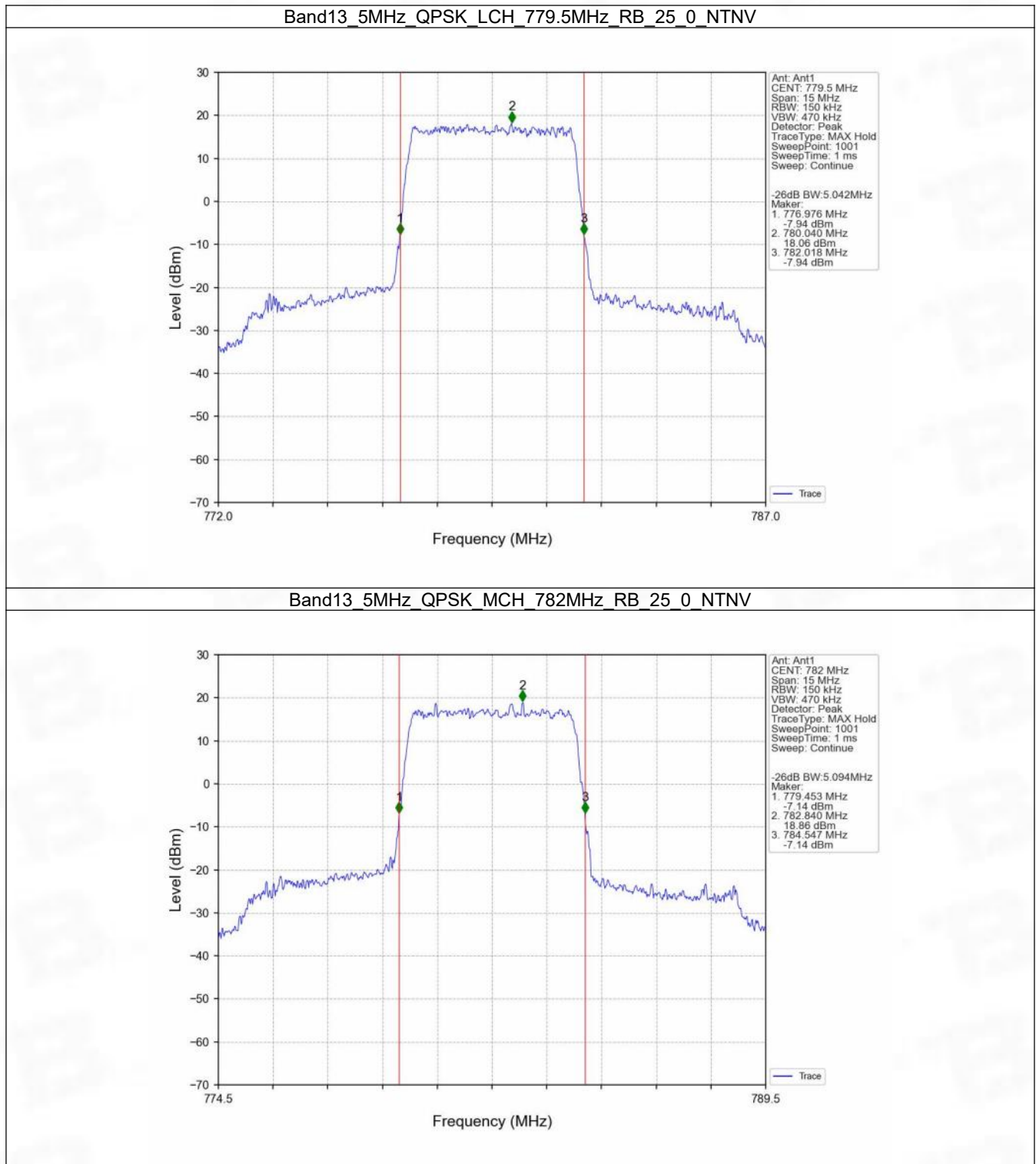
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



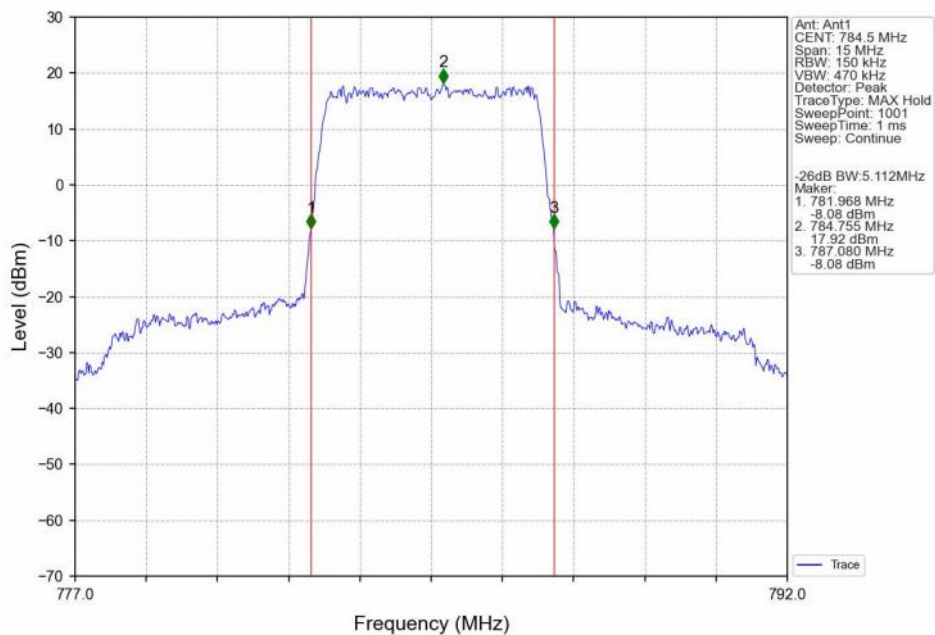
Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV



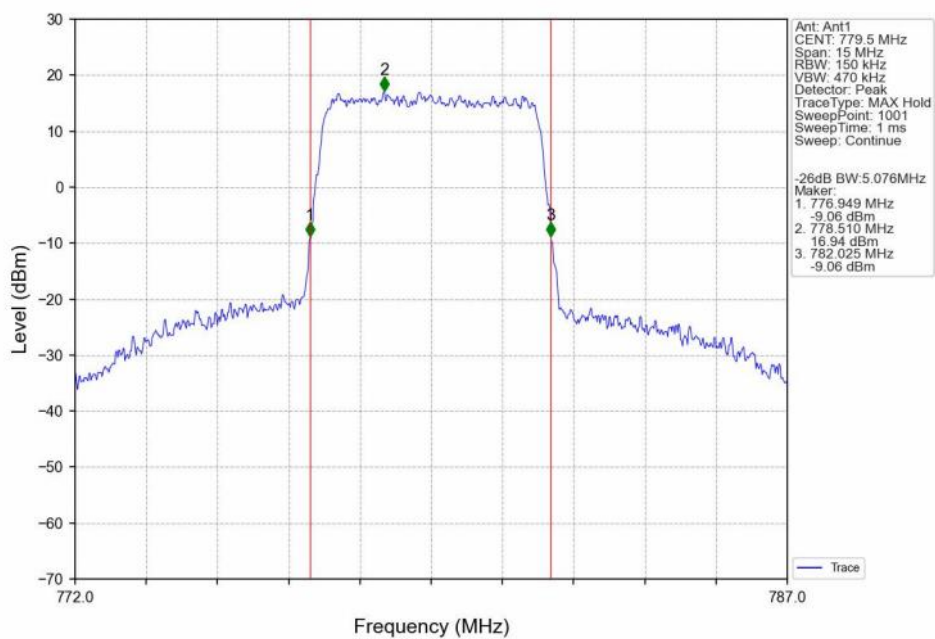
4.2.2 Band13_XDB



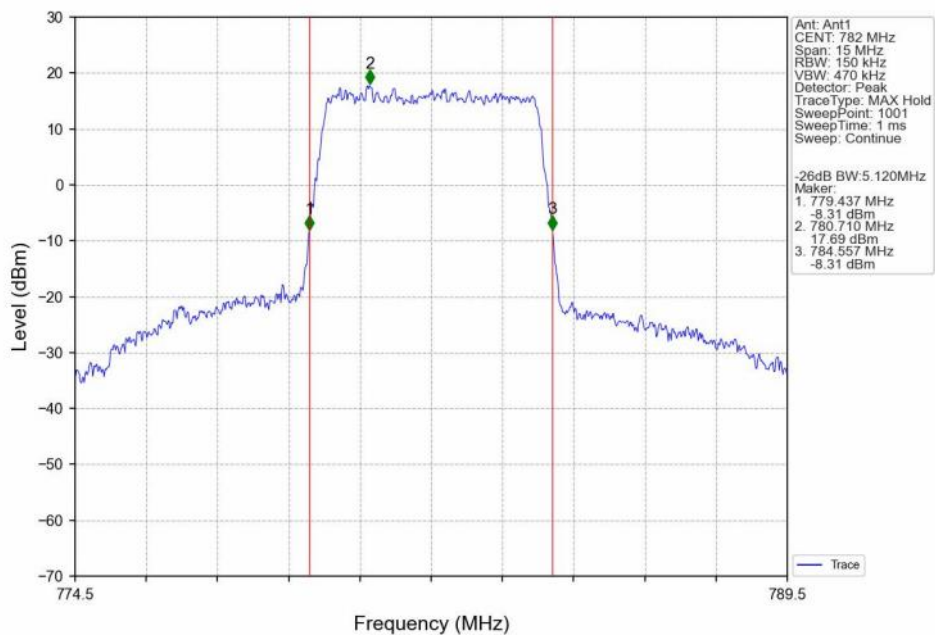
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



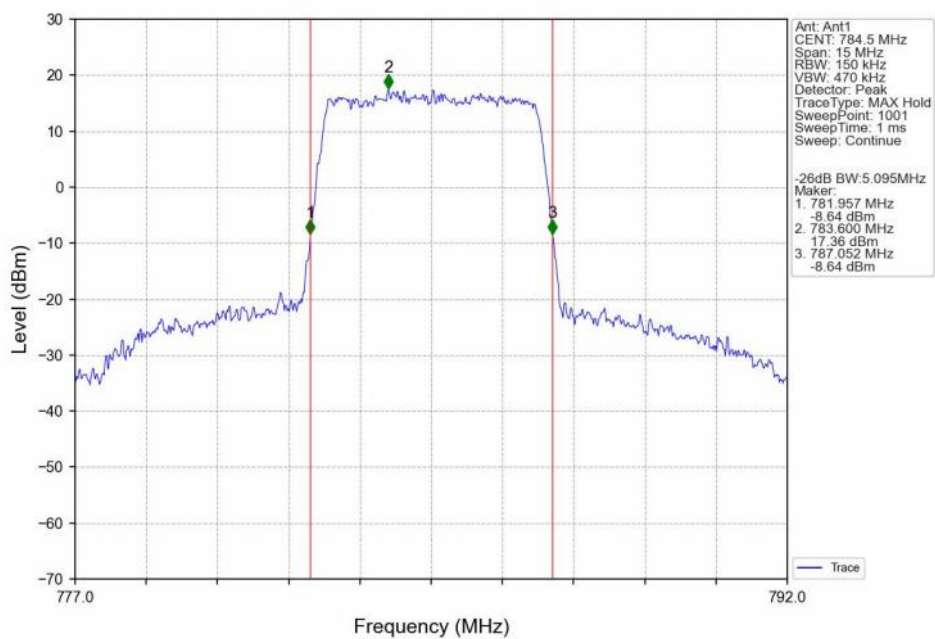
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



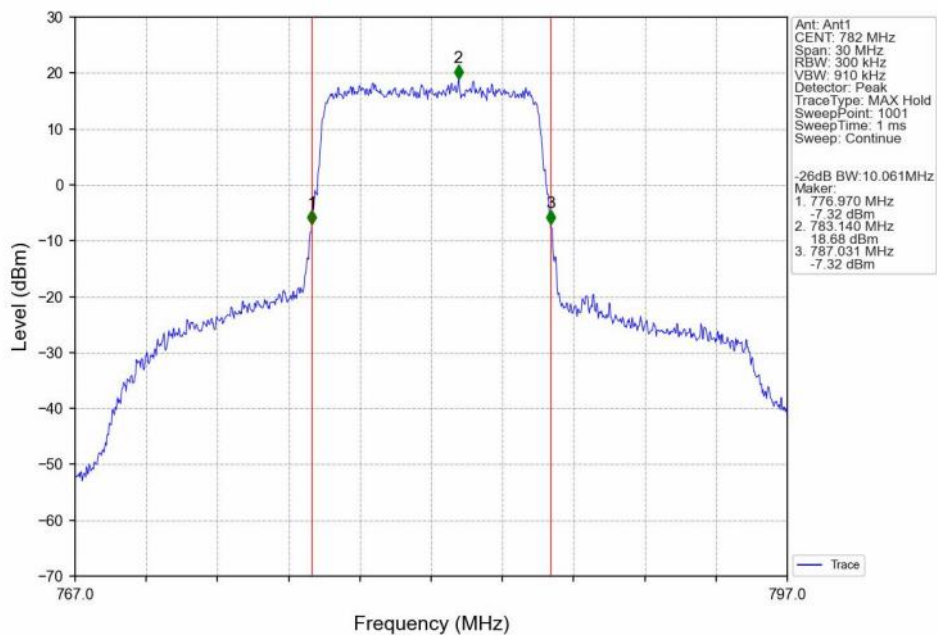
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



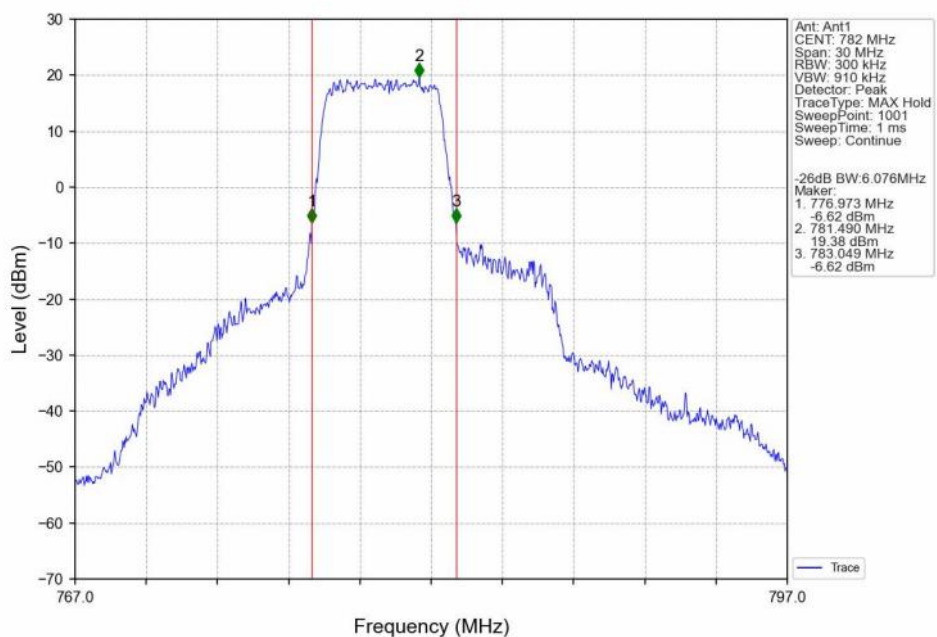
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



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

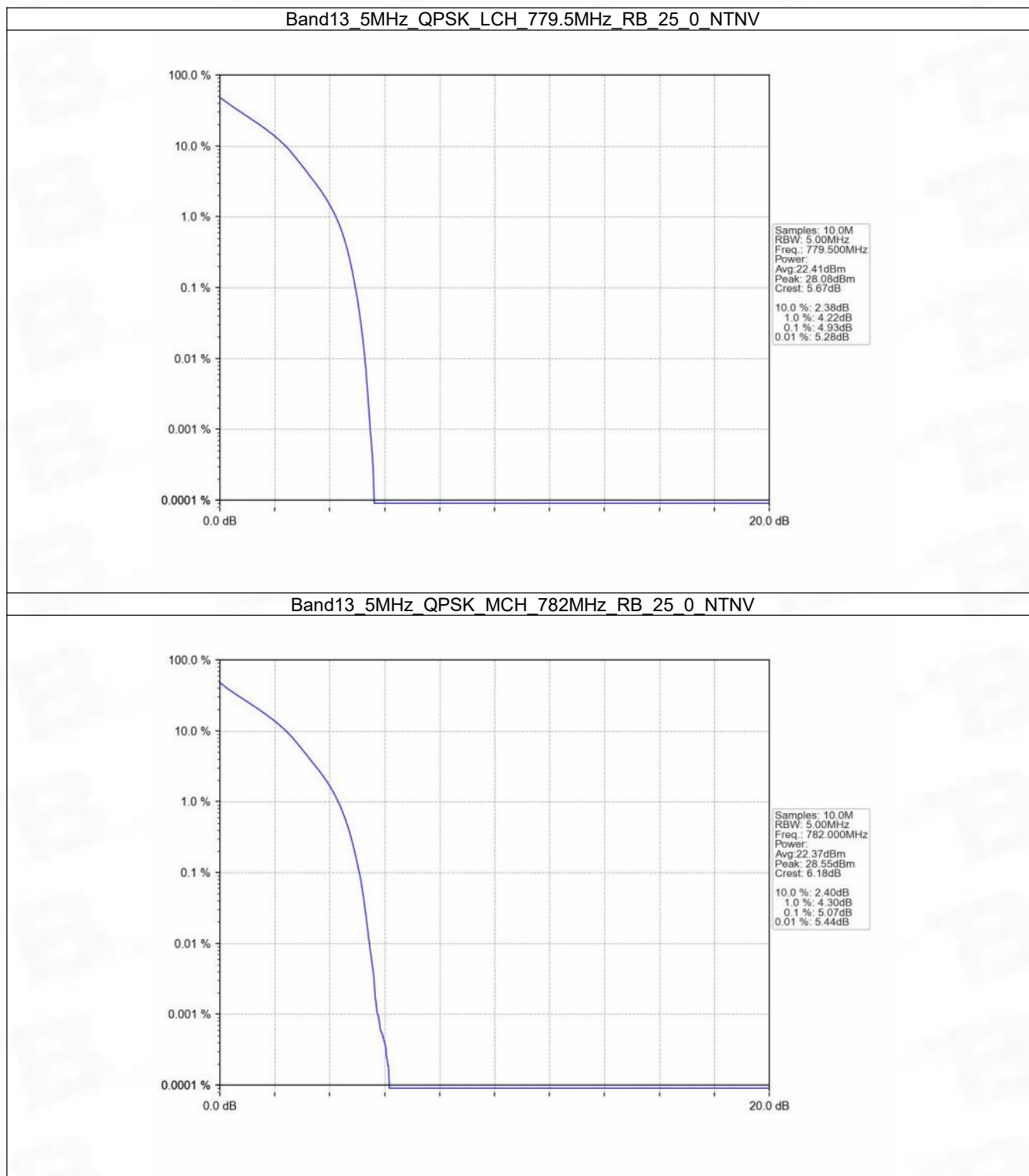
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.93	<=13	Pass
	782	25	0	5.07	<=13	Pass
	784.5	25	0	5.04	<=13	Pass
16QAM	779.5	25	0	5.79	<=13	Pass
	782	25	0	5.85	<=13	Pass
	784.5	25	0	5.81	<=13	Pass

5.1.2 B13_10MHz

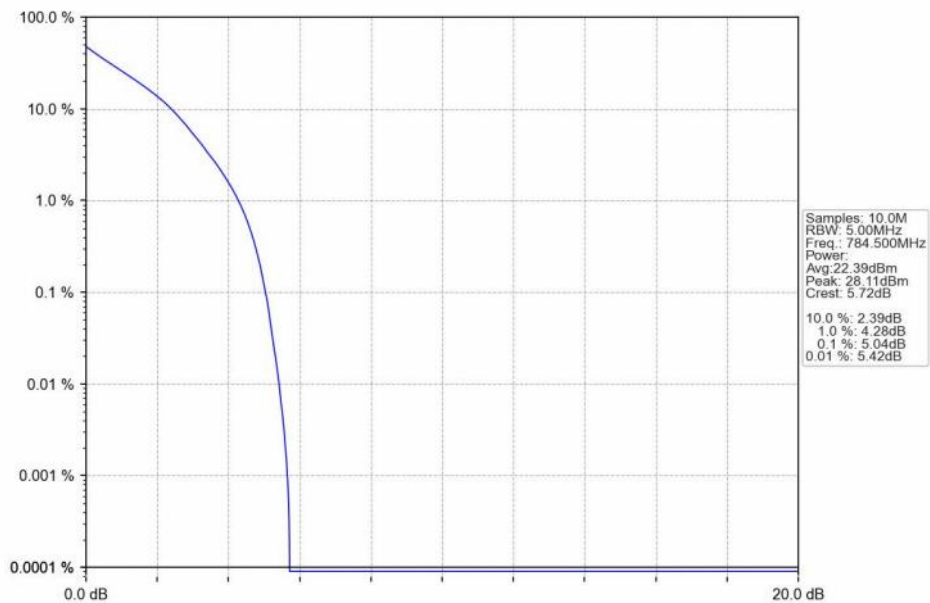
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	4.99	<=13	Pass
16QAM	782	27	0	5.50	<=13	Pass

5.2 Test Graph

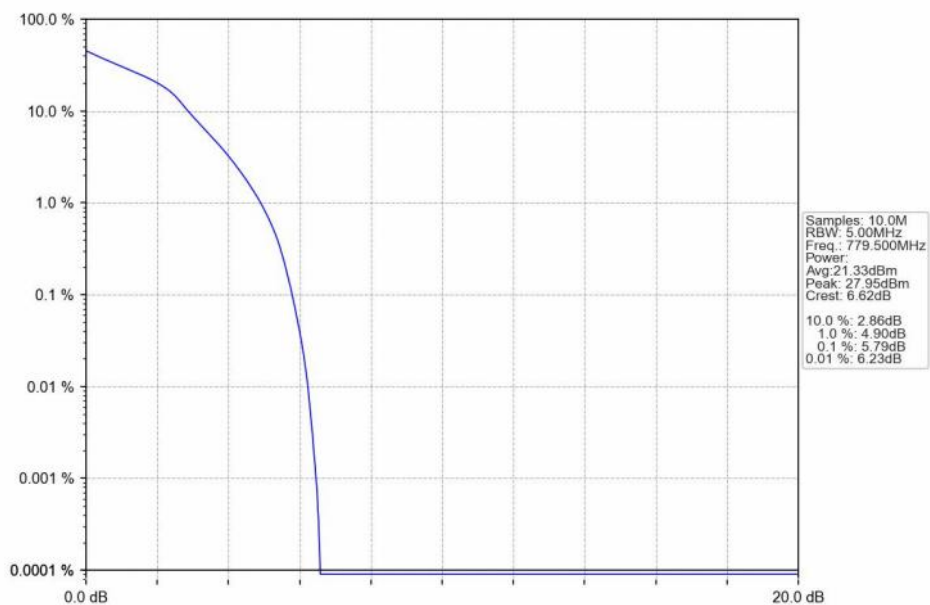
5.2.1 B13_5MHz



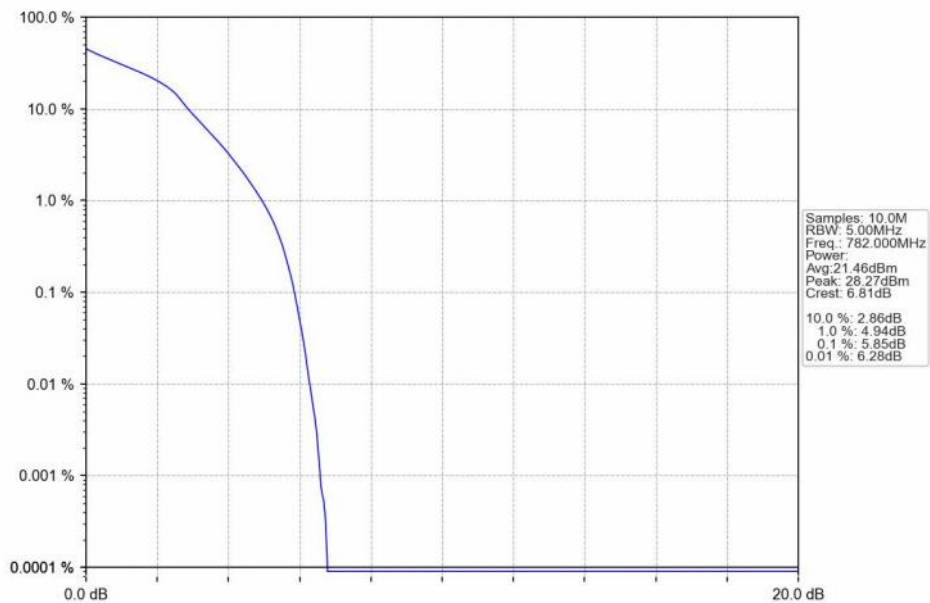
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



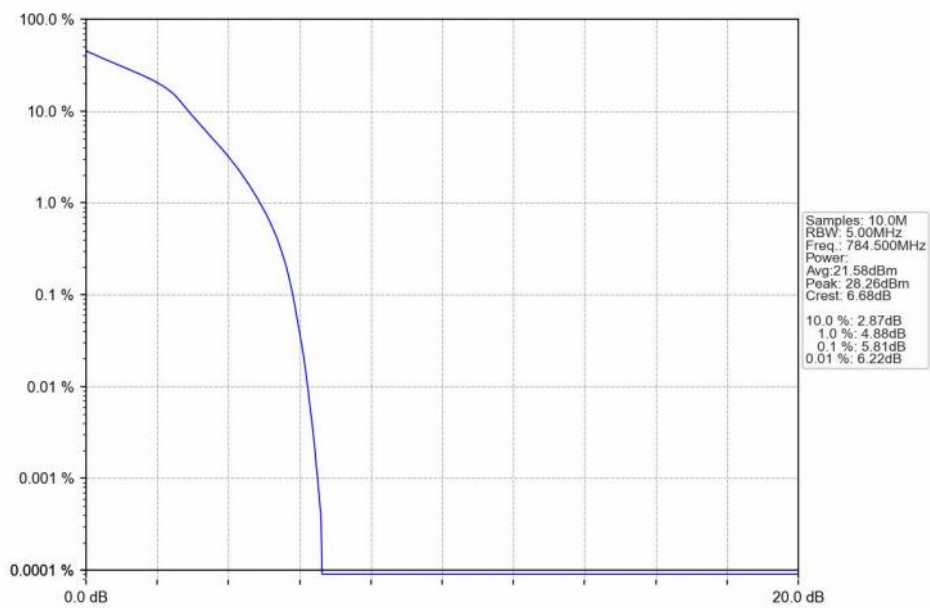
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV

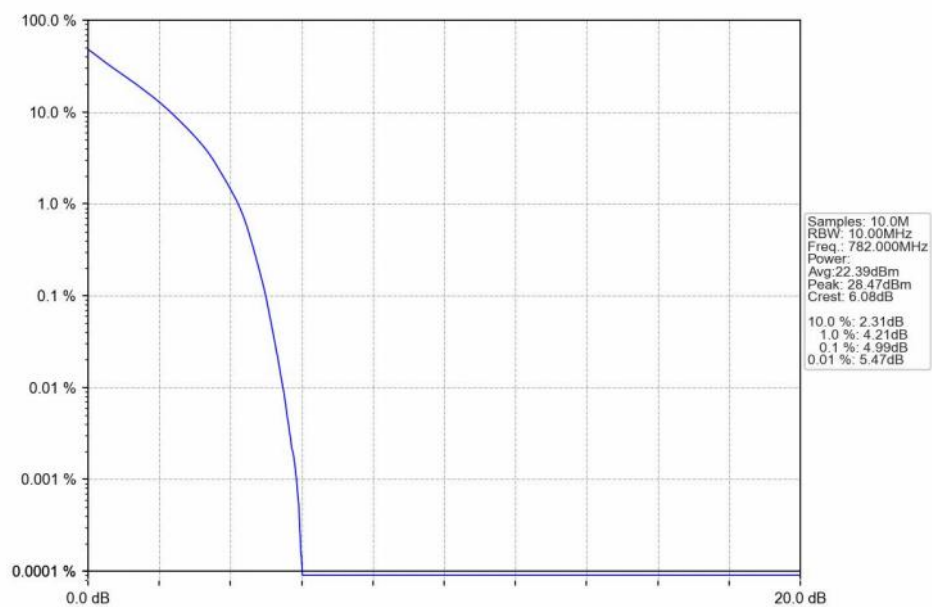


Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

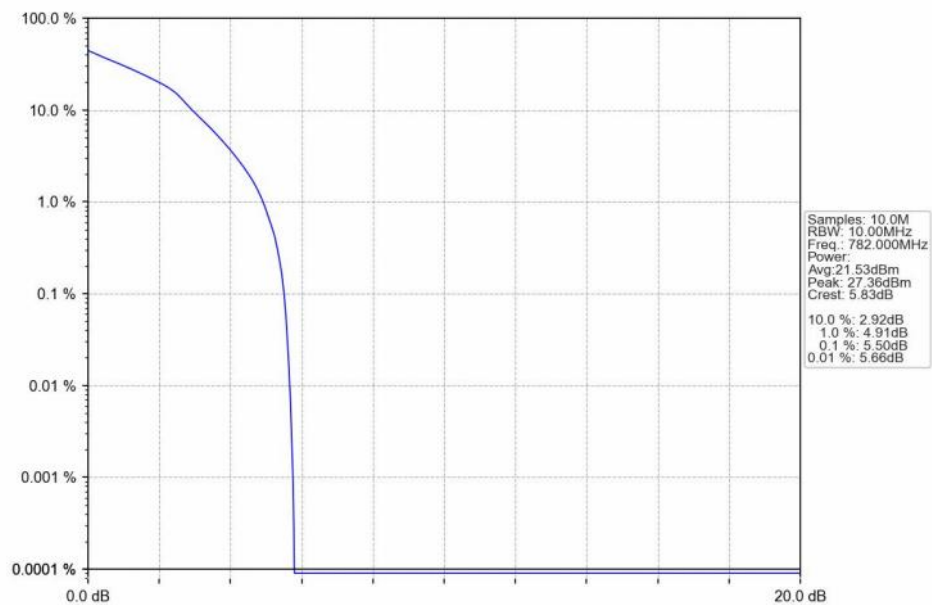


5.2.2 B13_10MHz

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_27_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B13_5MHz

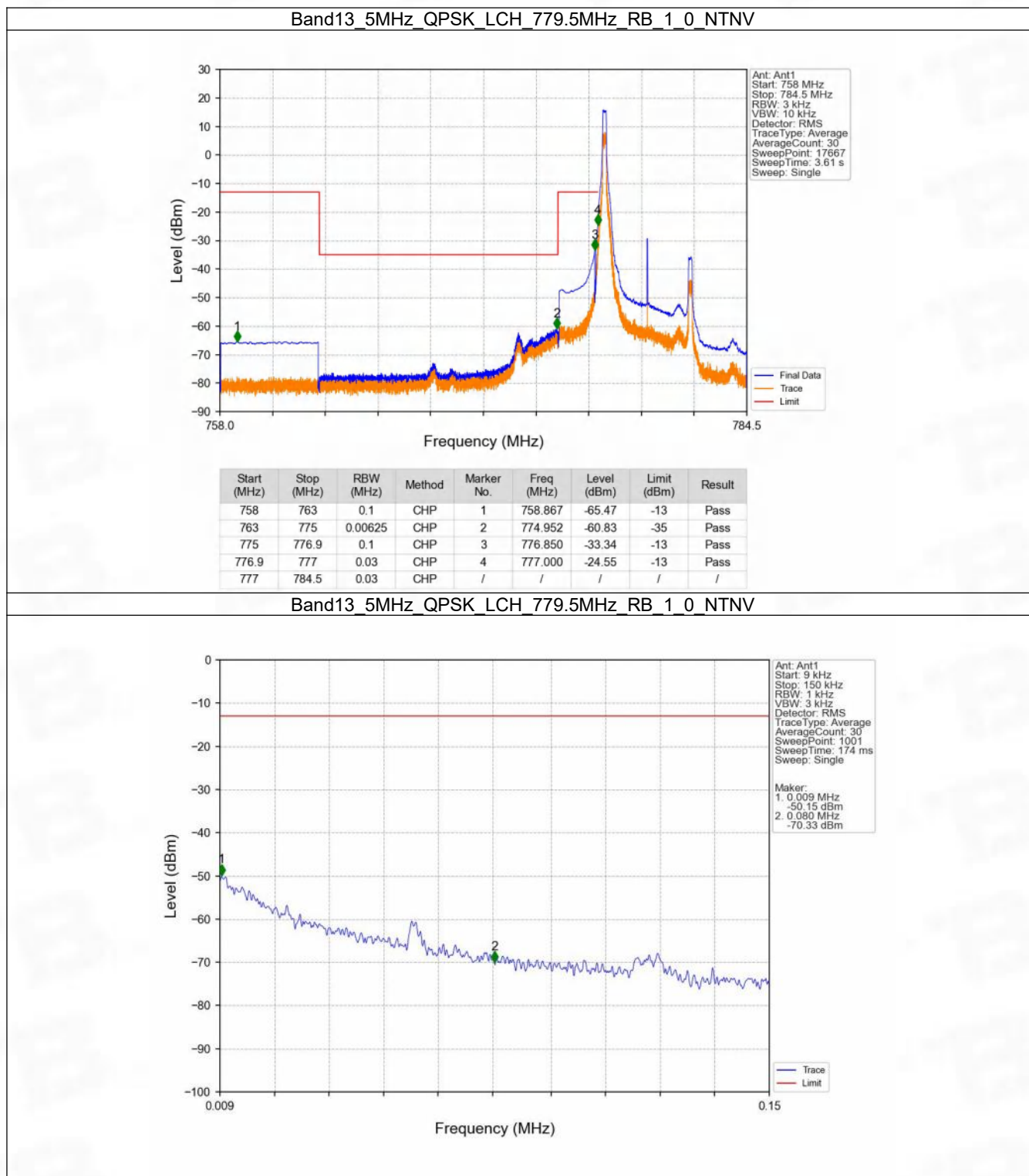
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	784.5	1	24	Refer To Test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

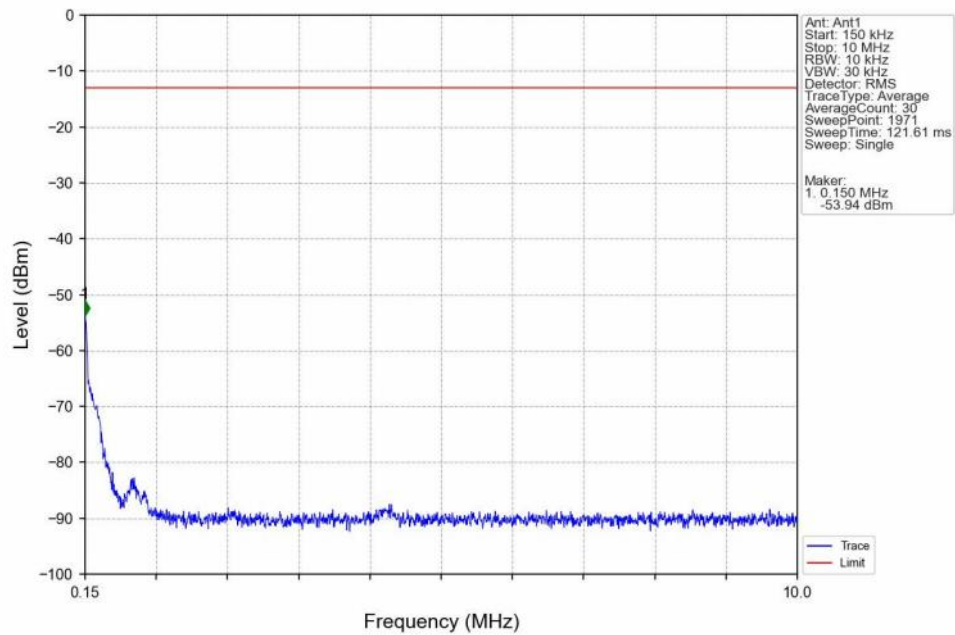
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

6.2 Test Graph

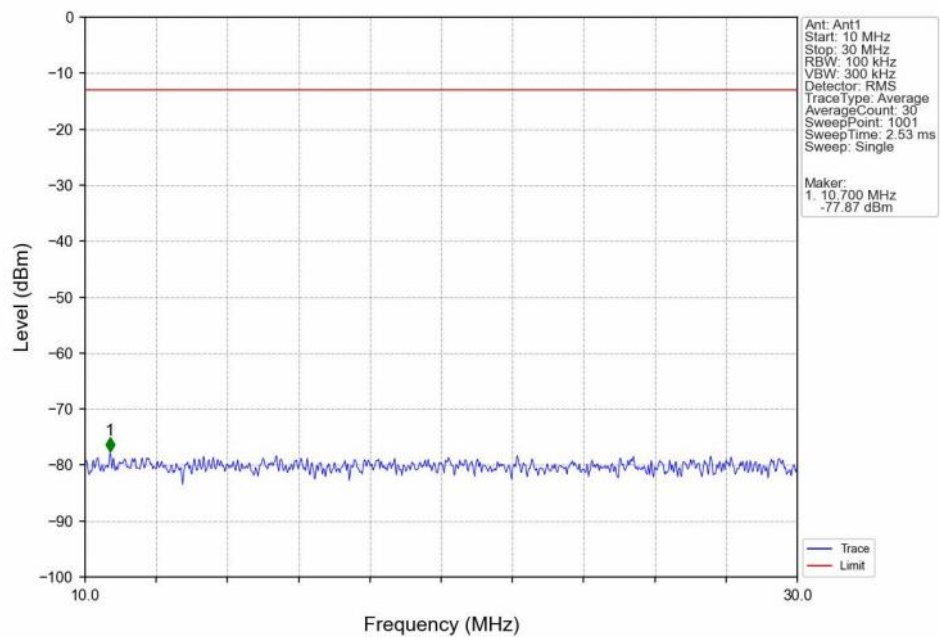
6.2.1 B13_5MHz



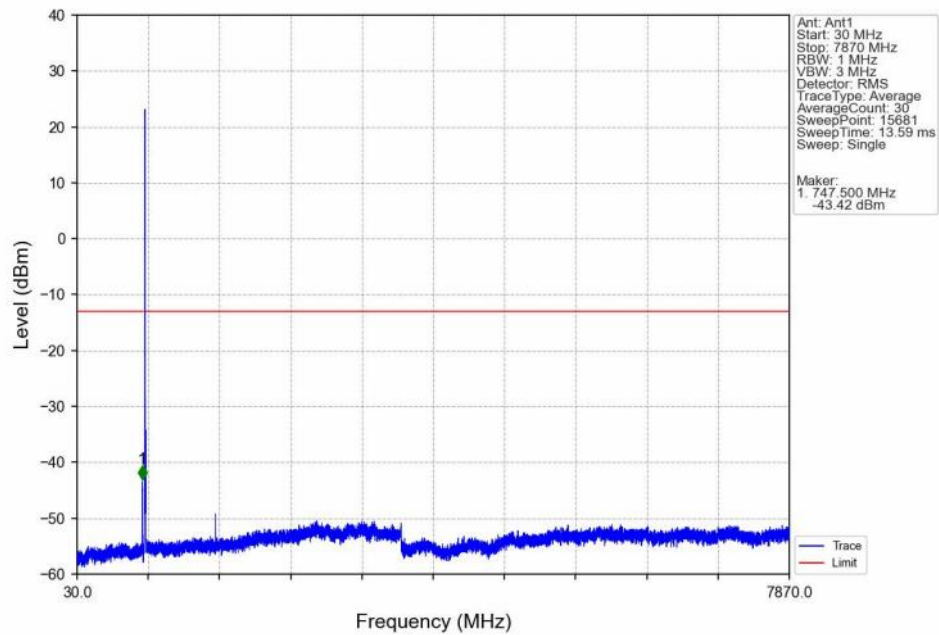
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



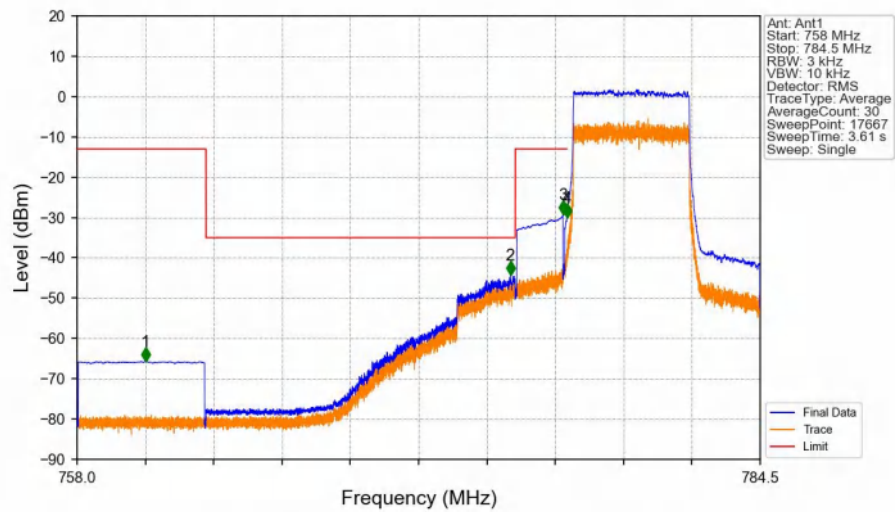
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

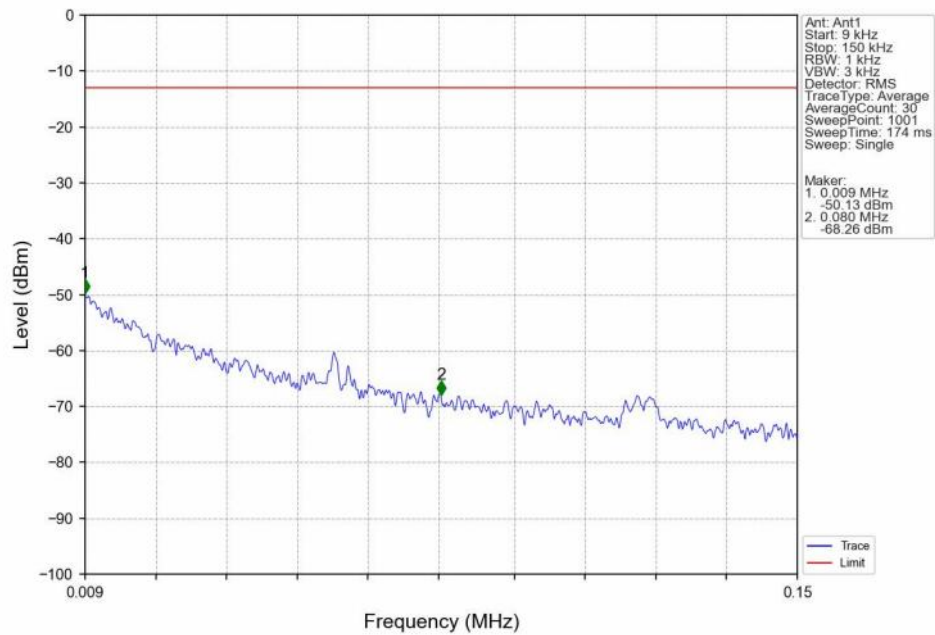


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

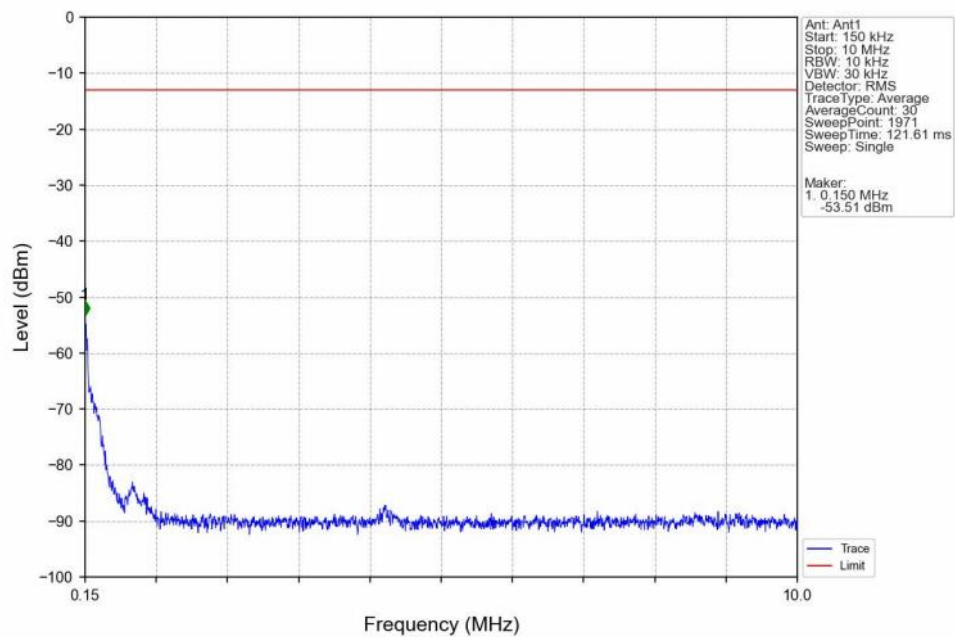


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.658	-65.65	-13	Pass
763	775	0.00625	CHP	2	774.810	-44.23	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.19	-13	Pass
776.9	777	0.03	CHP	4	777.000	-30.05	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

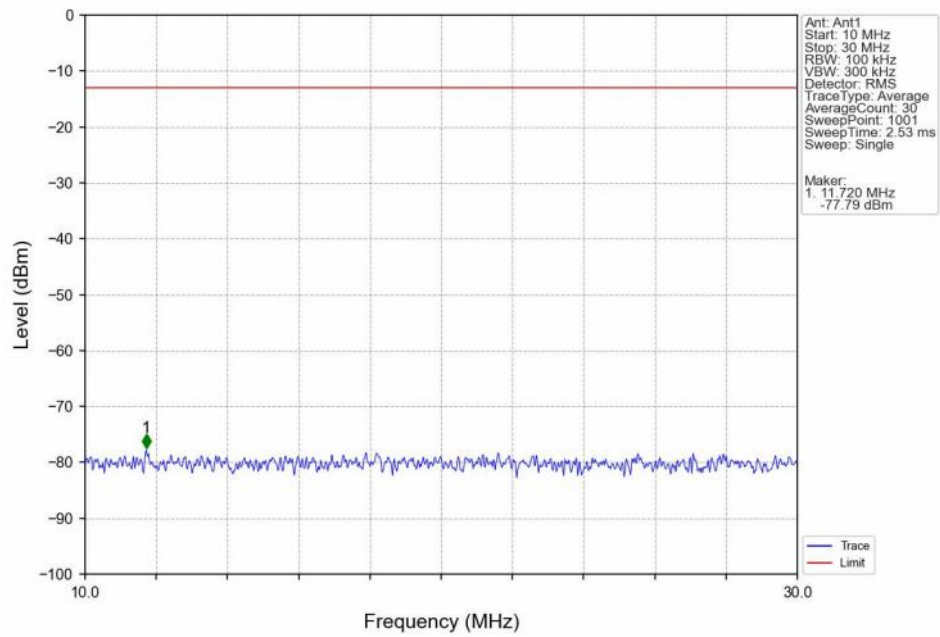
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



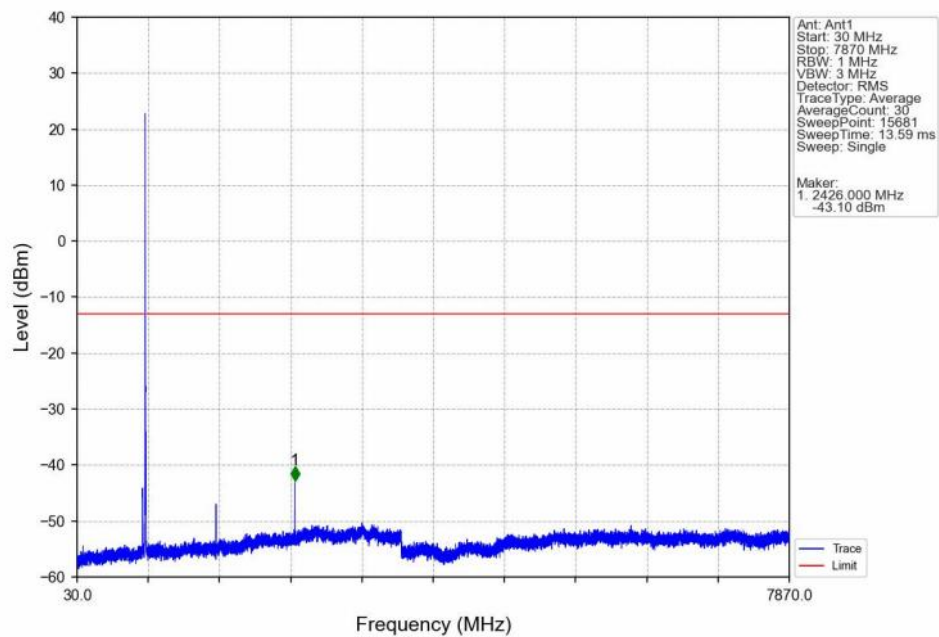
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



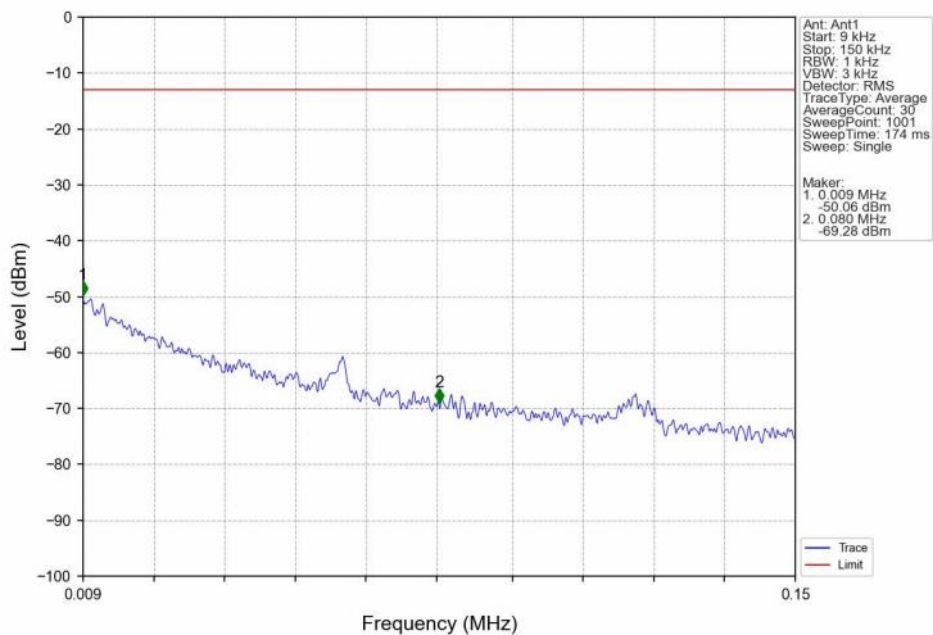
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



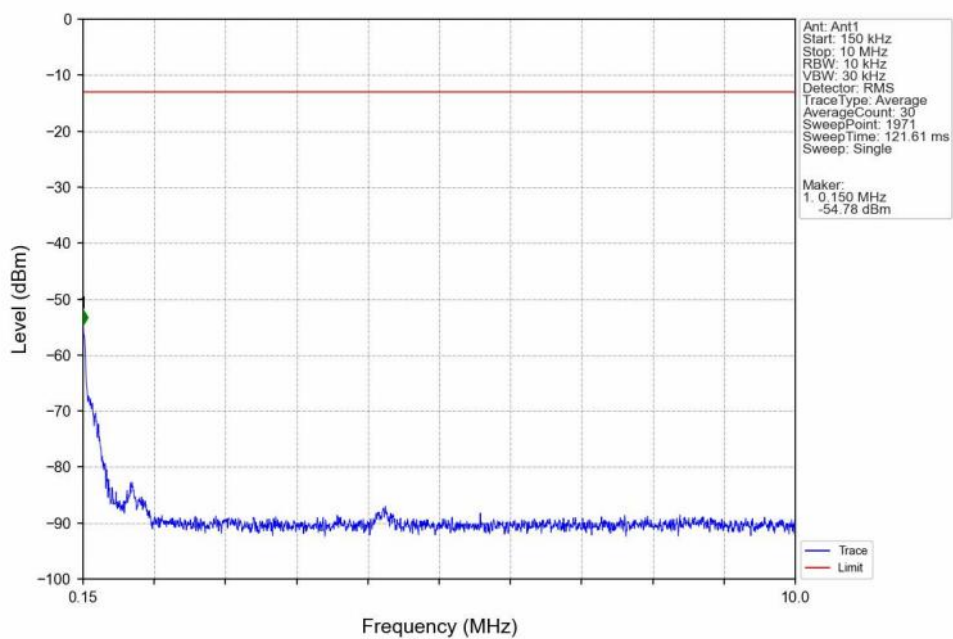
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



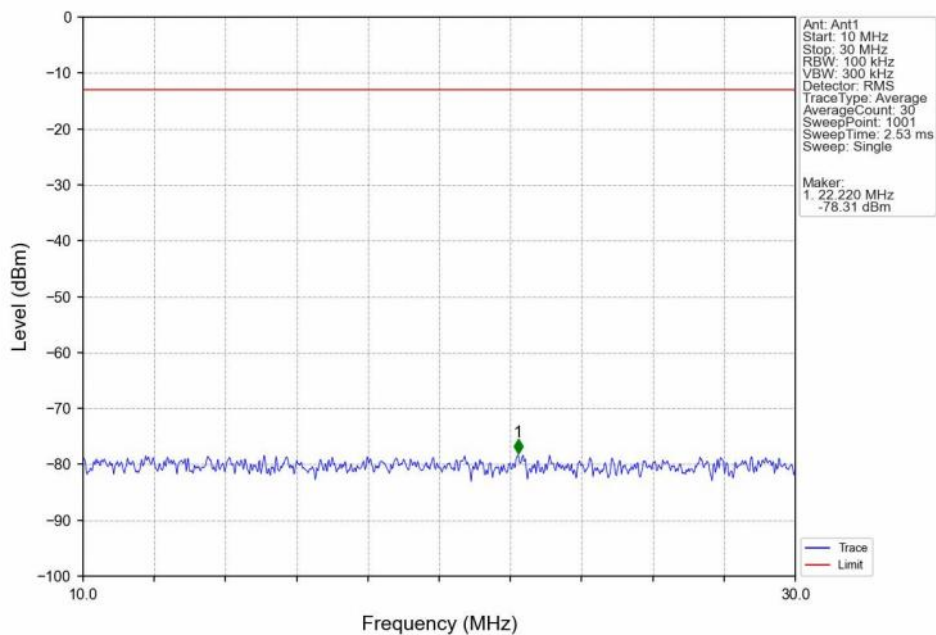
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



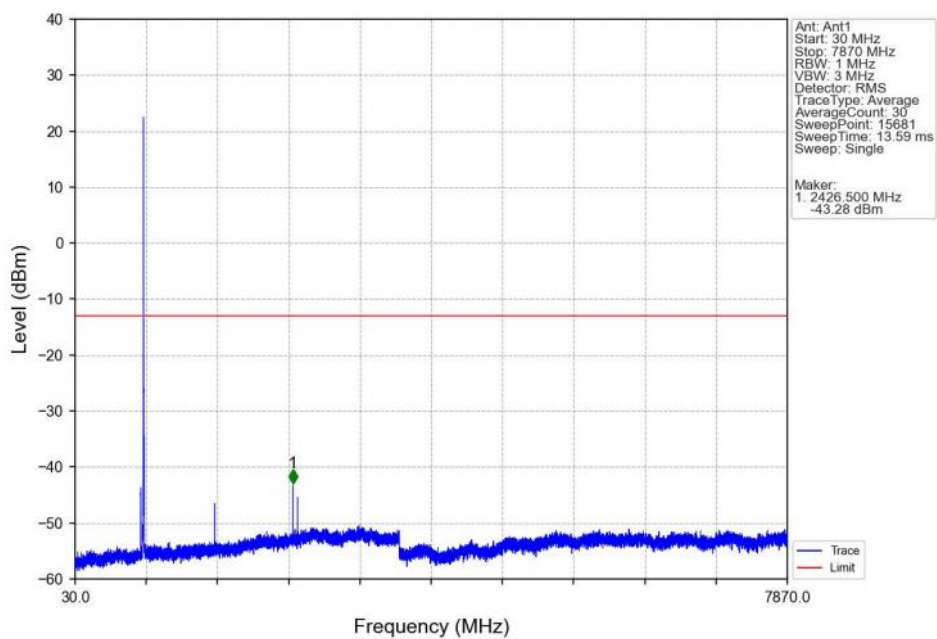
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



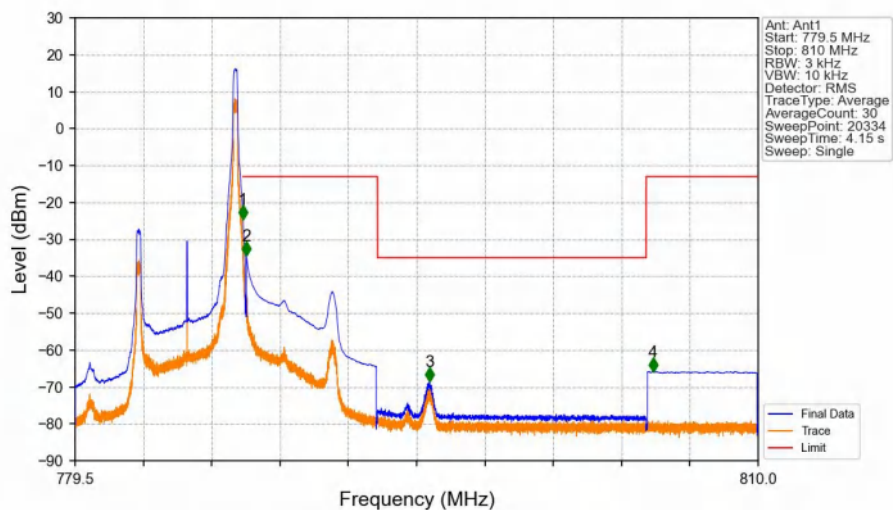
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

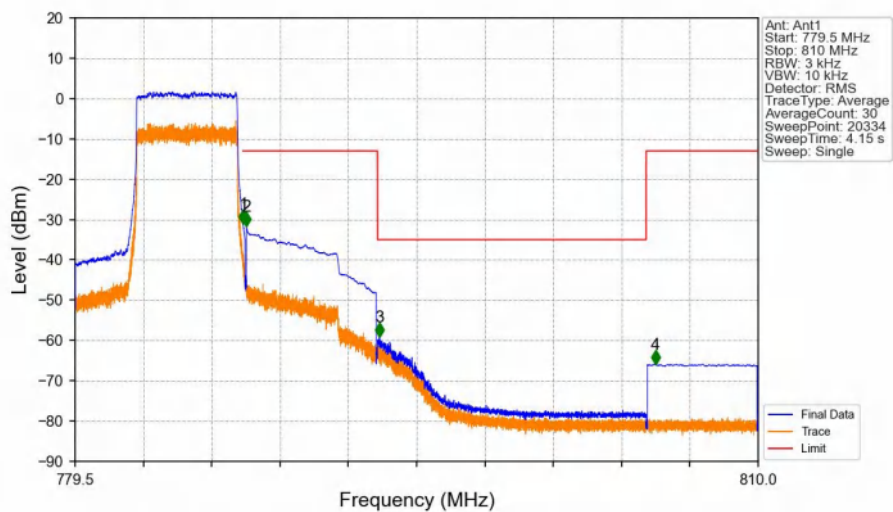


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



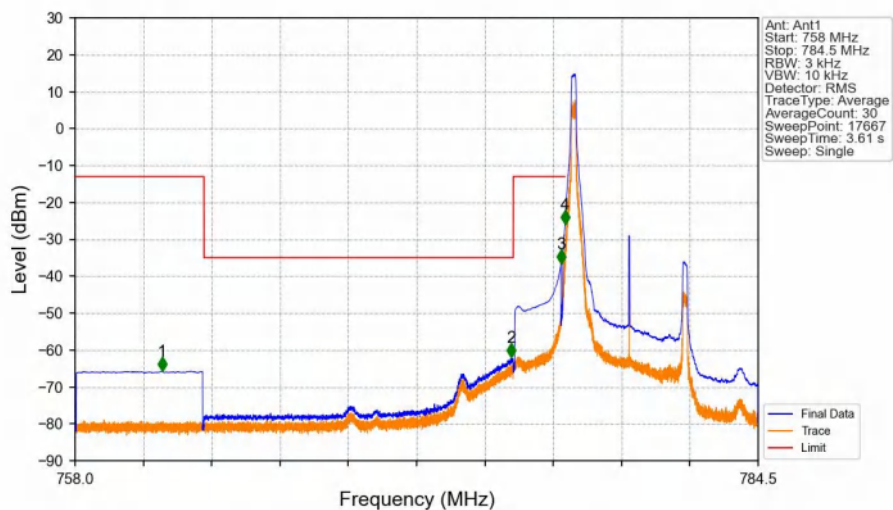
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-24.66	-13	Pass
787.1	793	0.1	CHP	2	787.150	-34.33	-13	Pass
793	805	0.00625	CHP	3	795.339	-68.48	-35	Pass
805	810	0.1	CHP	4	805.312	-65.81	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



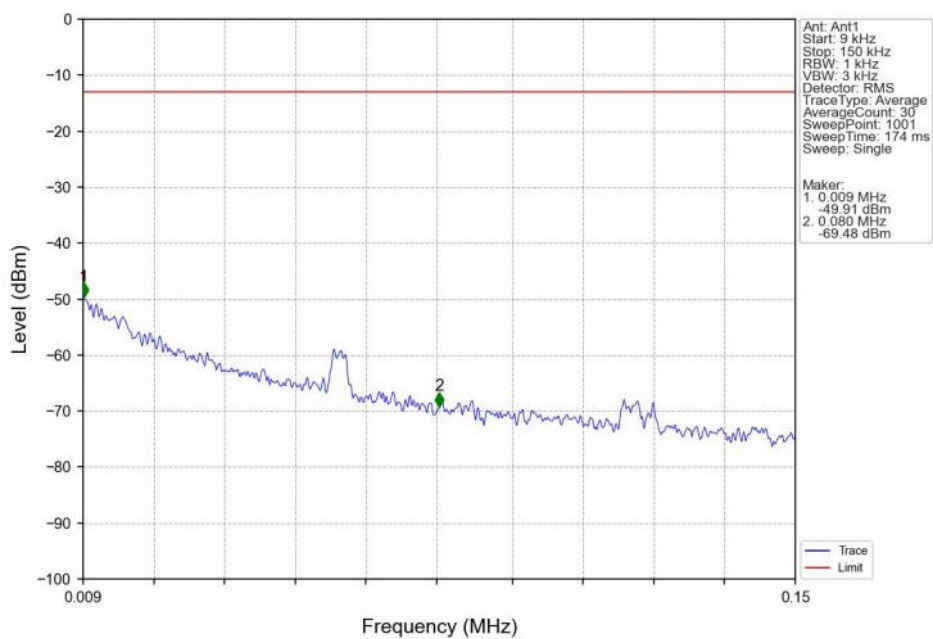
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.002	-31.02	-13	Pass
787.1	793	0.1	CHP	2	787.150	-31.70	-13	Pass
793	805	0.00625	CHP	3	793.086	-59.14	-35	Pass
805	810	0.1	CHP	4	805.411	-65.88	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

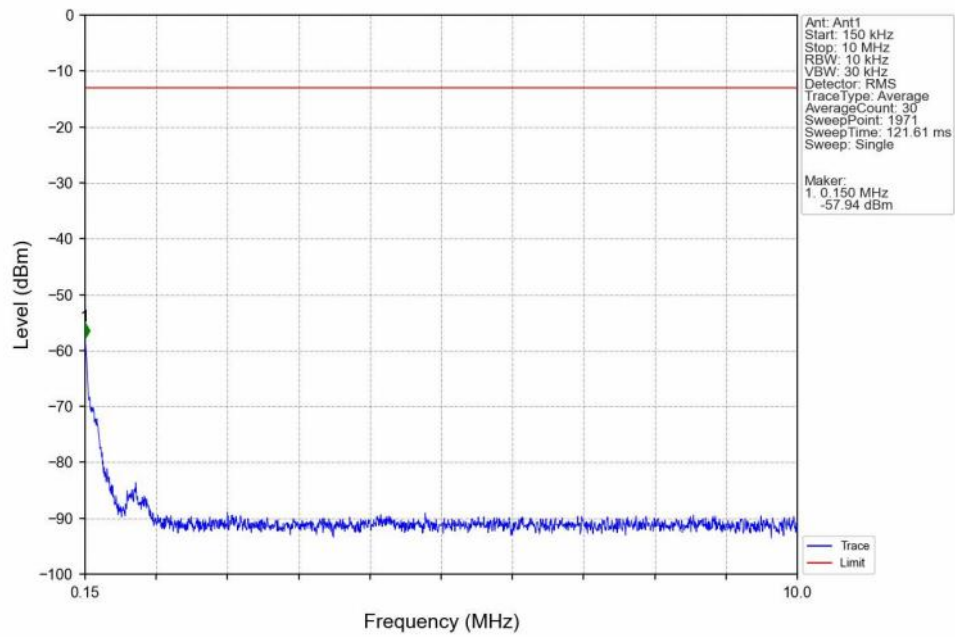


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.368	-65.72	-13	Pass
763	775	0.00625	CHP	2	774.927	-62.00	-35	Pass
775	776.9	0.1	CHP	3	776.850	-36.54	-13	Pass
776.9	777	0.03	CHP	4	777.000	-25.99	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

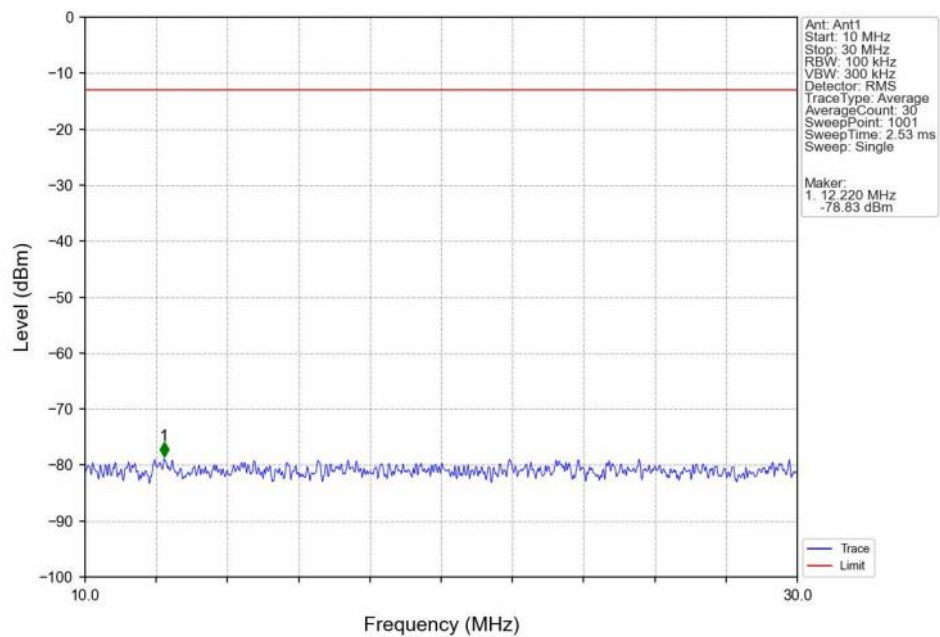
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



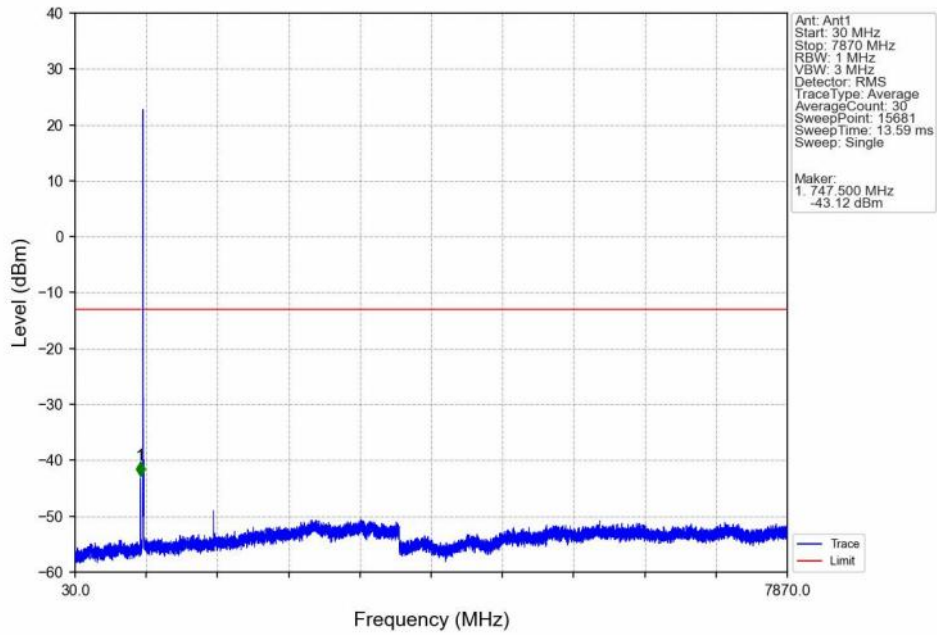
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



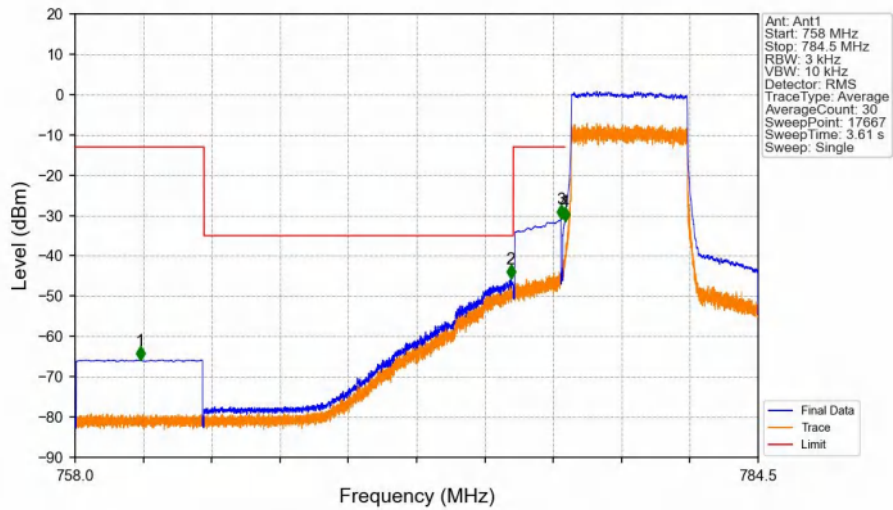
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

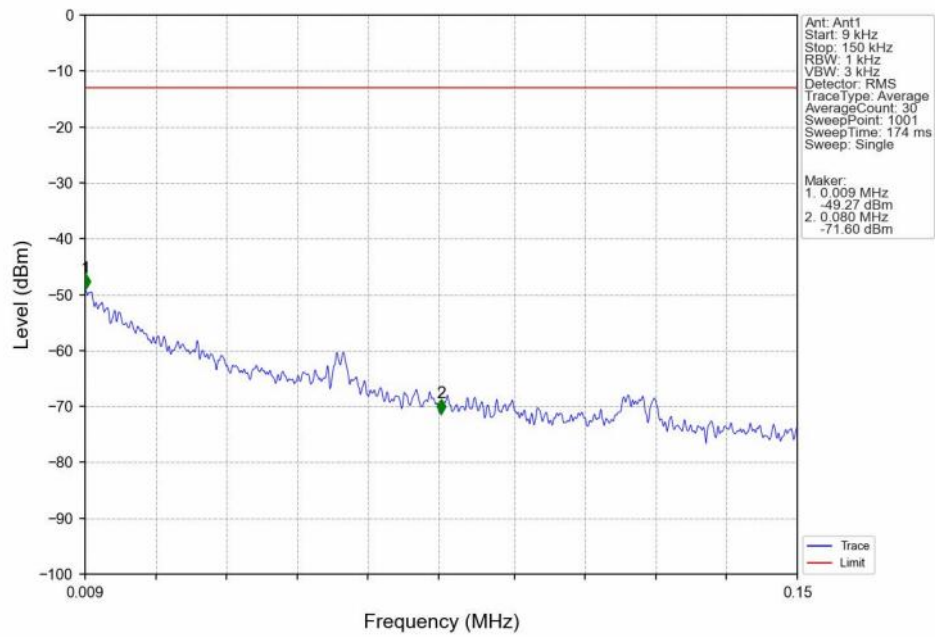


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

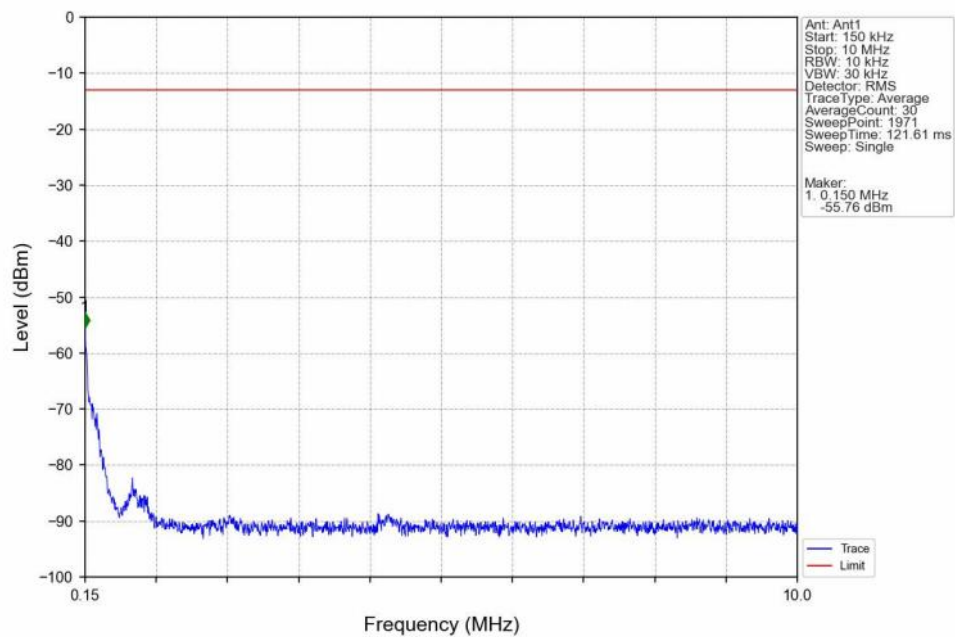


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.531	-65.83	-13	Pass
763	775	0.00625	CHP	2	774.903	-45.68	-35	Pass
775	776.9	0.1	CHP	3	776.850	-30.74	-13	Pass
776.9	777	0.03	CHP	4	777.000	-31.36	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

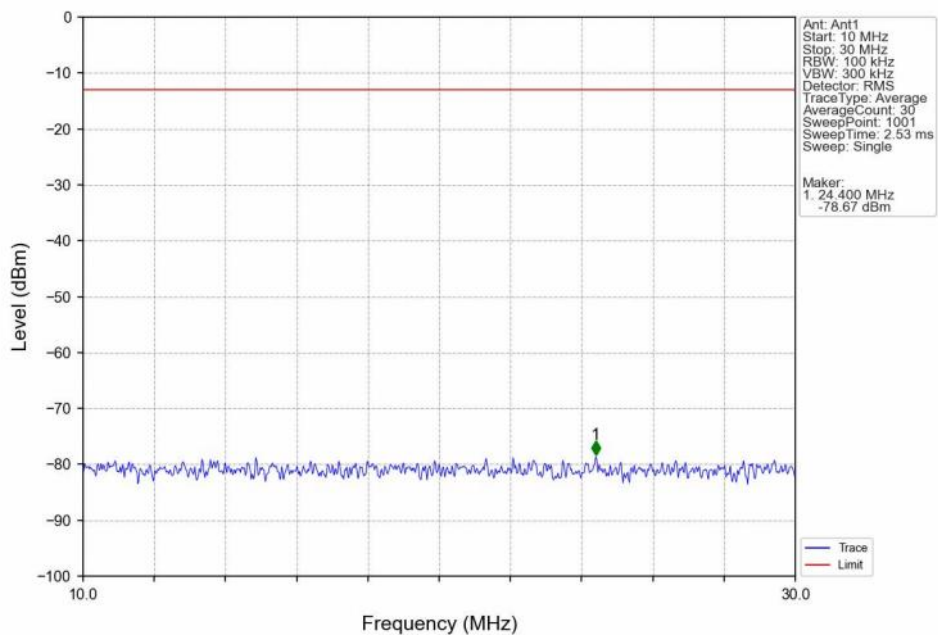
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



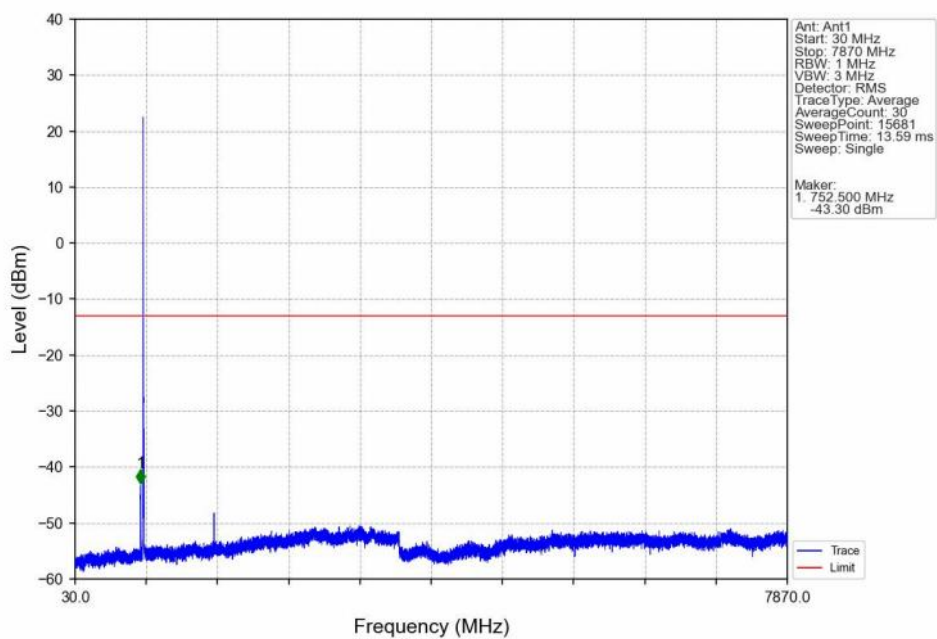
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



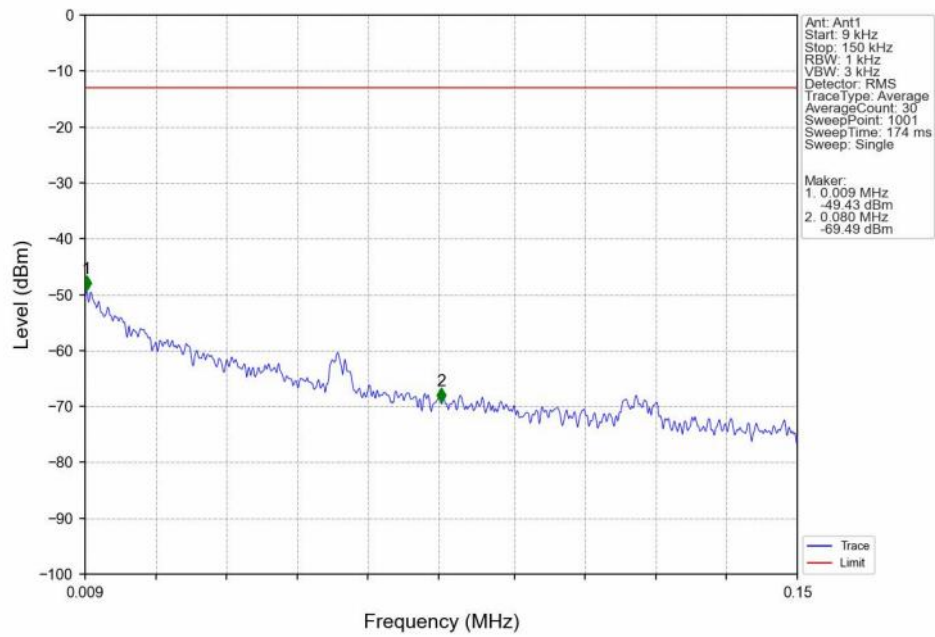
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



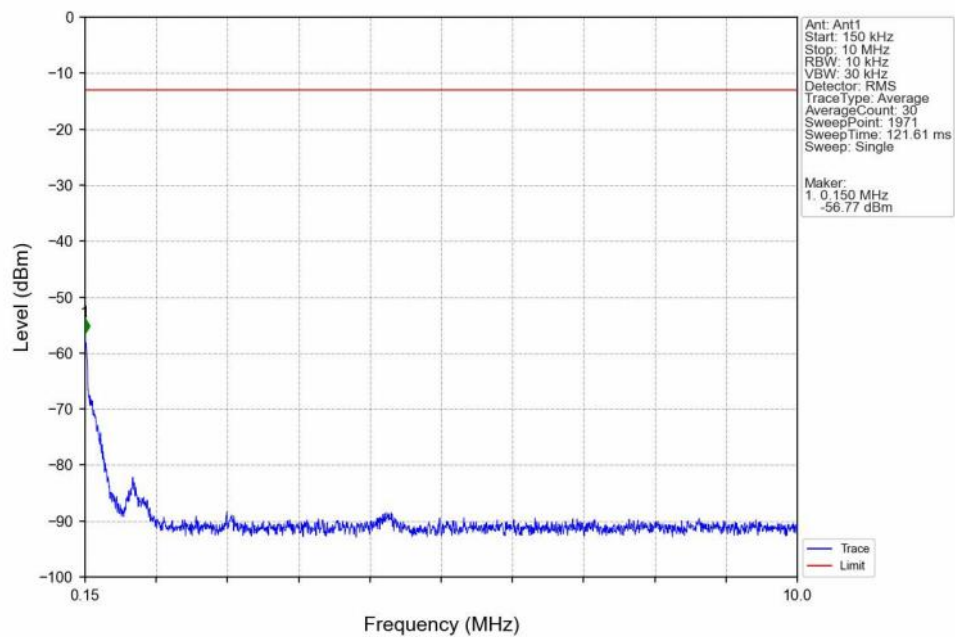
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



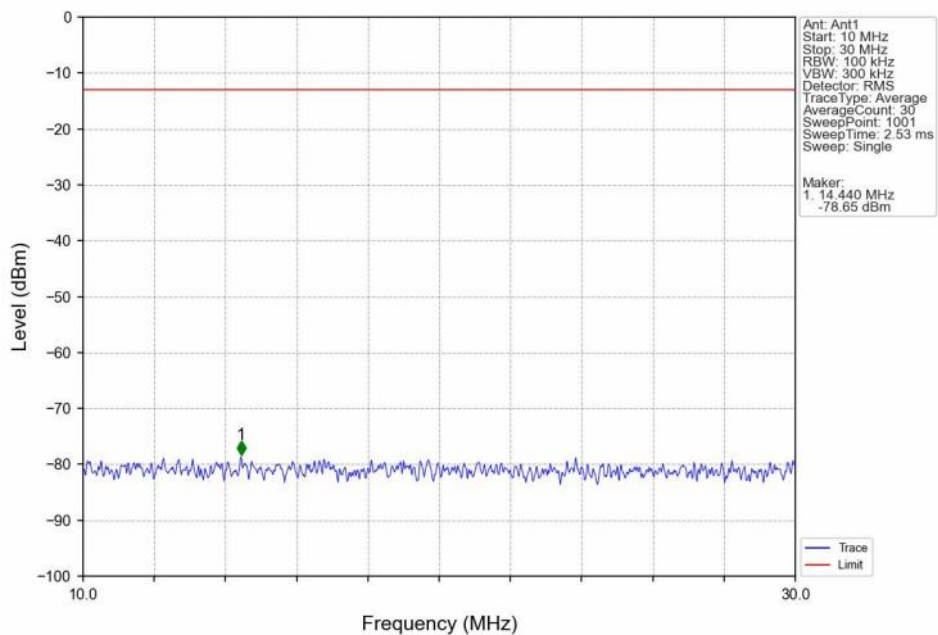
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



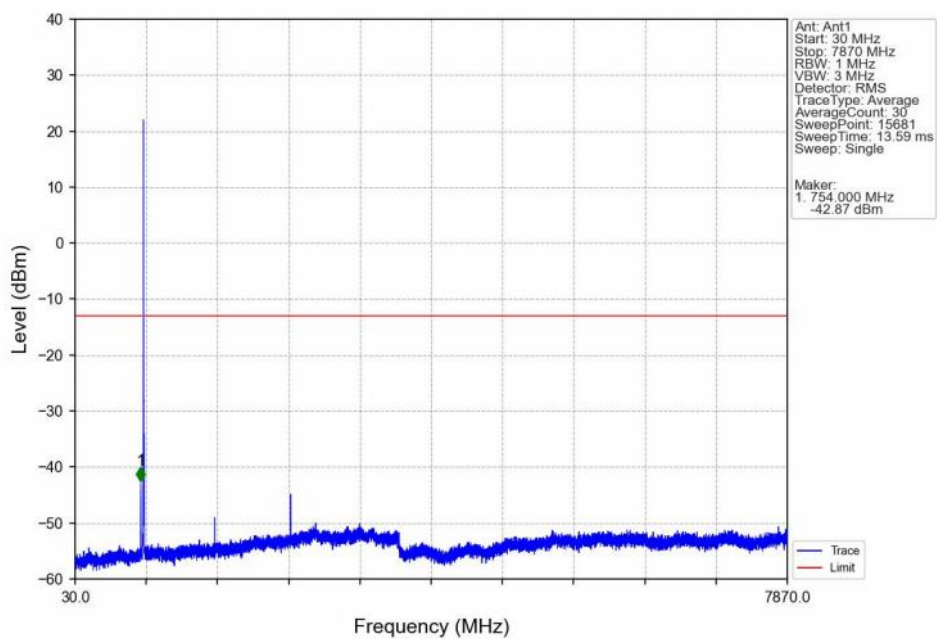
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



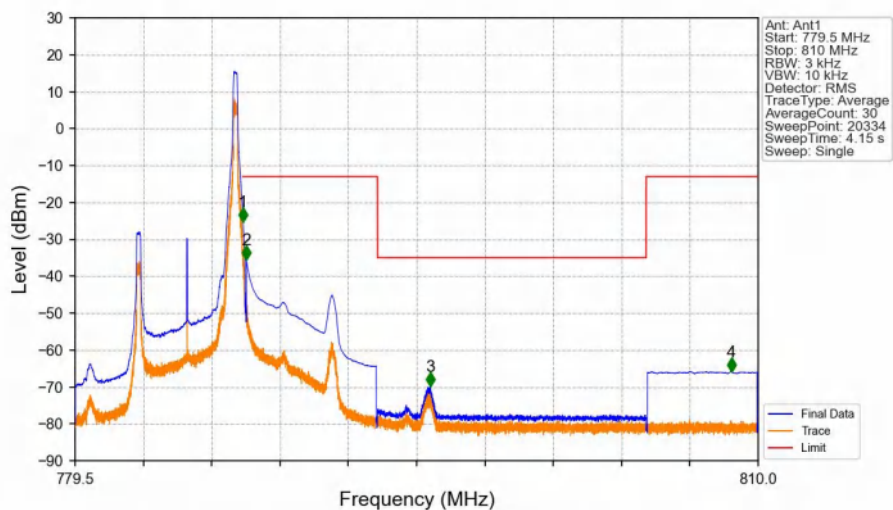
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



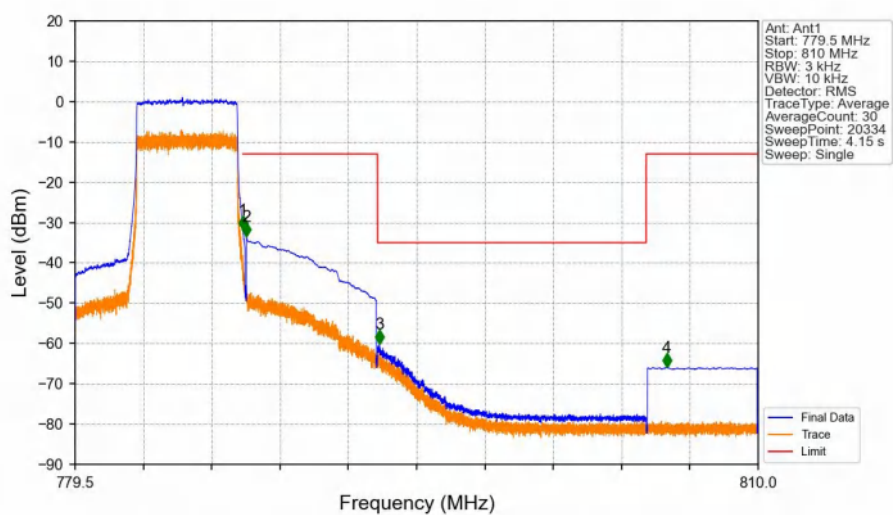
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV

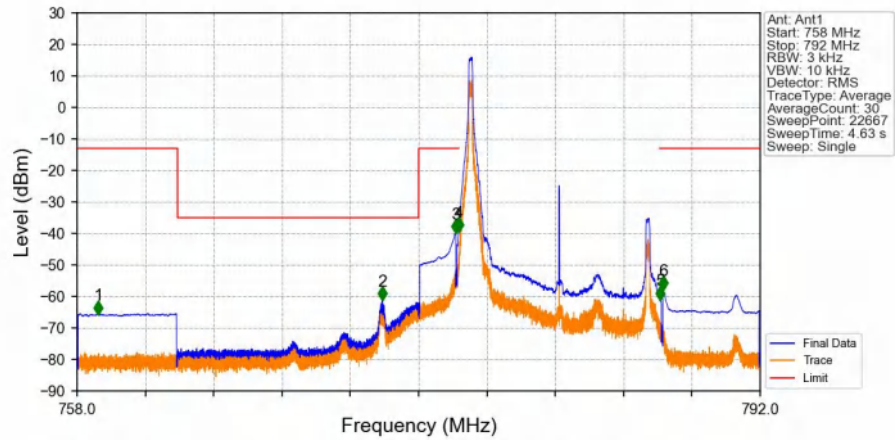


Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



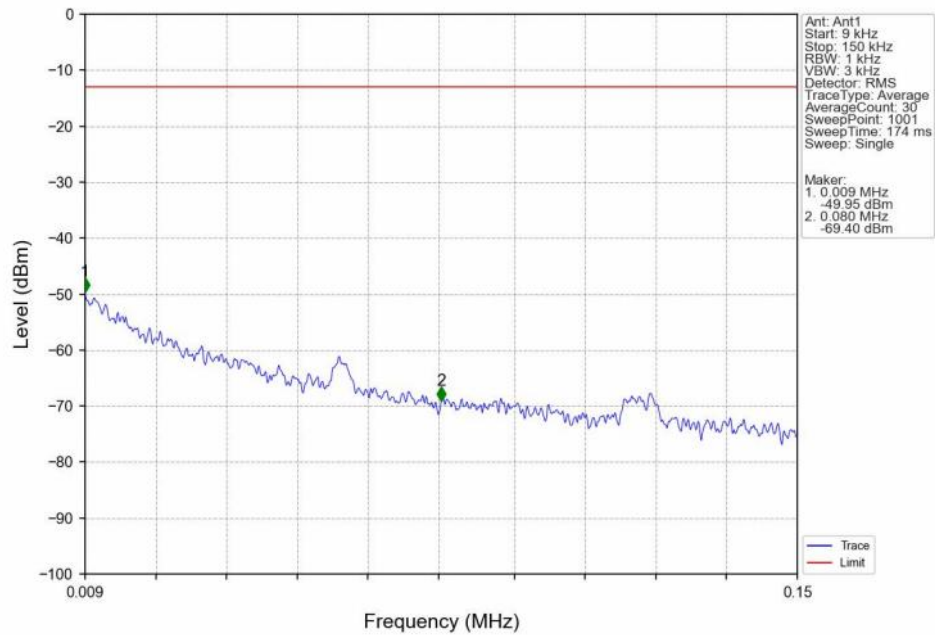
6.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

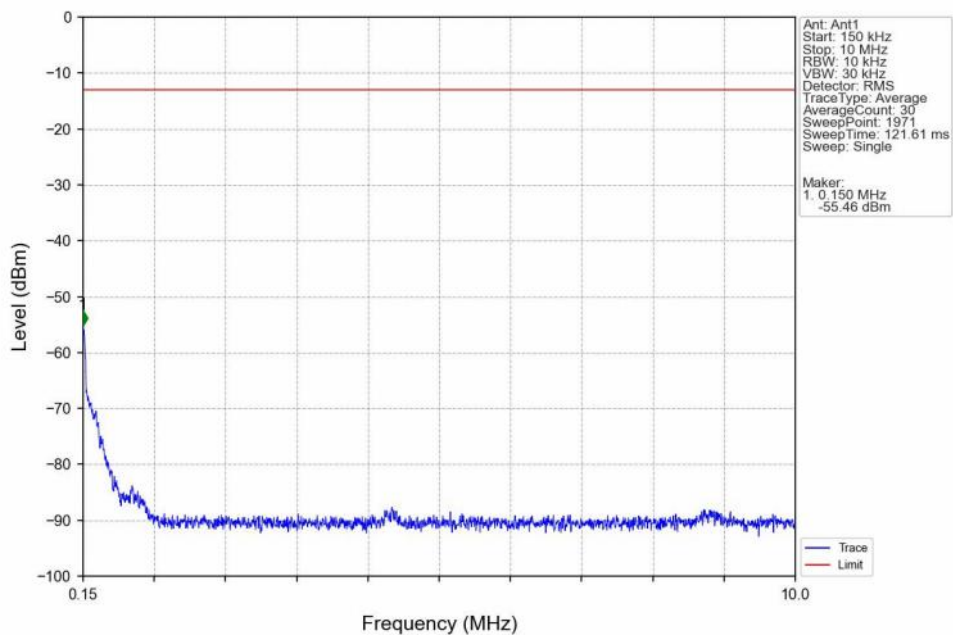


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.049	-65.39	-13	Pass
763	775	0.00625	CHP	2	773.179	-60.84	-35	Pass
775	776.9	0.1	CHP	3	776.850	-39.58	-13	Pass
776.9	777	0.03	CHP	4	777.000	-39.15	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-60.75	-13	Pass
787.1	792	0.1	CHP	6	787.171	-57.58	-13	Pass

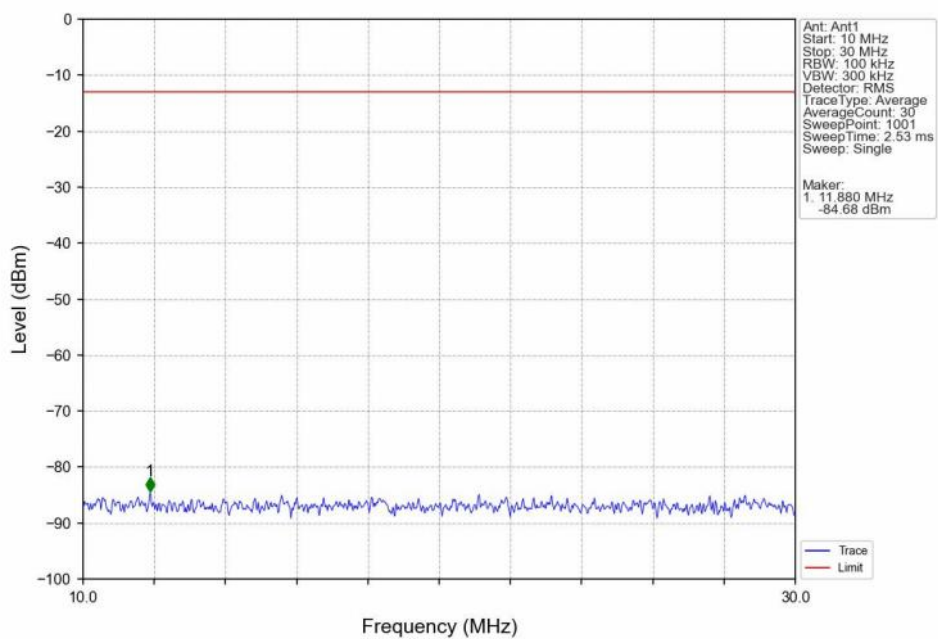
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



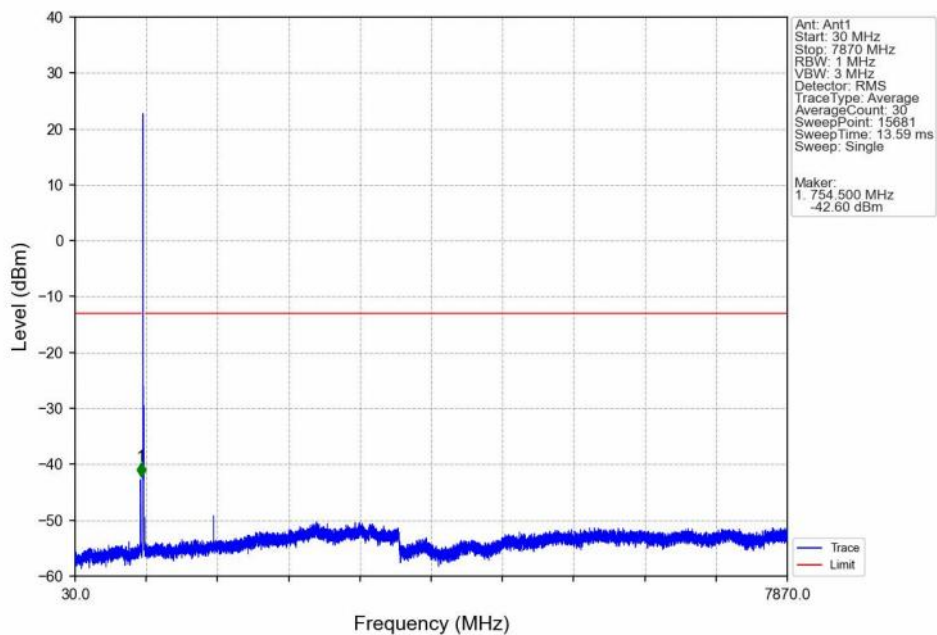
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



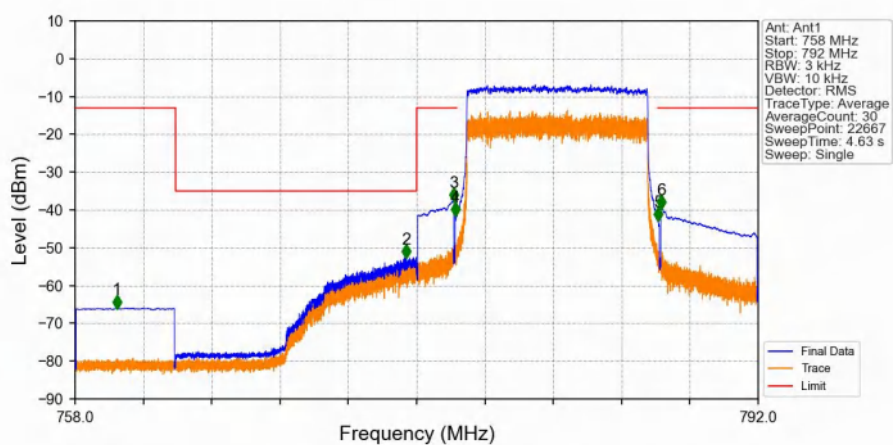
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

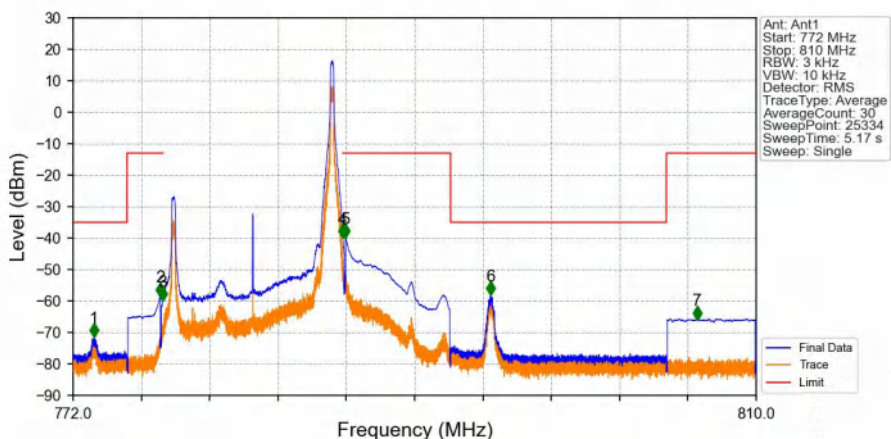


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



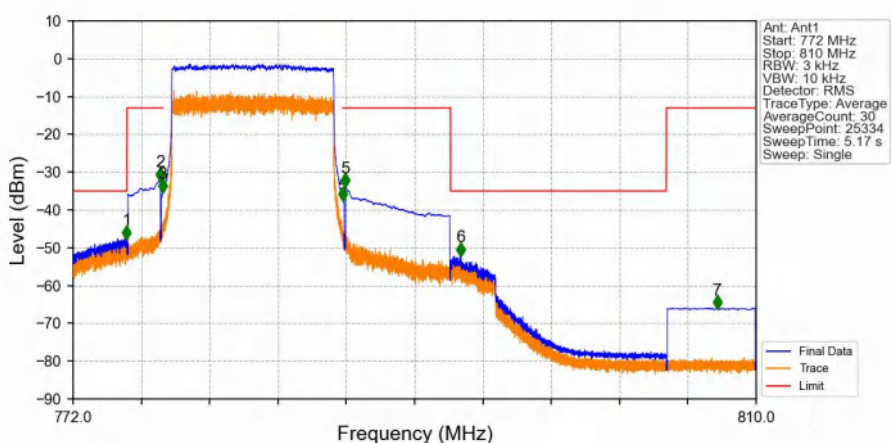
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.070	-65.88	-13	Pass
763	775	0.00625	CHP	2	774.475	-52.44	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.50	-13	Pass
776.9	777	0.03	CHP	4	776.928	-41.39	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.008	-42.71	-13	Pass
787.1	792	0.1	CHP	6	787.182	-39.48	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



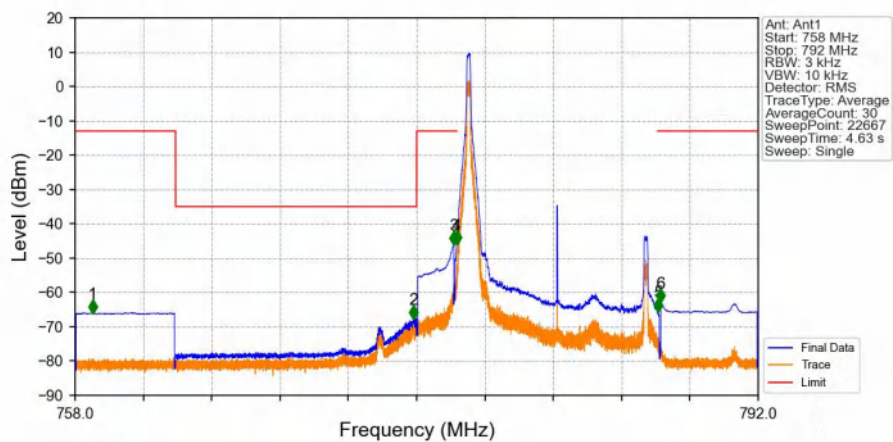
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.164	-71.16	-35	Pass
775	776.9	0.1	CHP	2	776.850	-58.23	-13	Pass
776.9	777	0.03	CHP	3	776.998	-59.60	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-39.71	-13	Pass
787.1	793	0.1	CHP	5	787.150	-39.64	-13	Pass
793	805	0.00625	CHP	6	795.222	-57.85	-35	Pass
805	810	0.1	CHP	7	806.734	-65.69	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



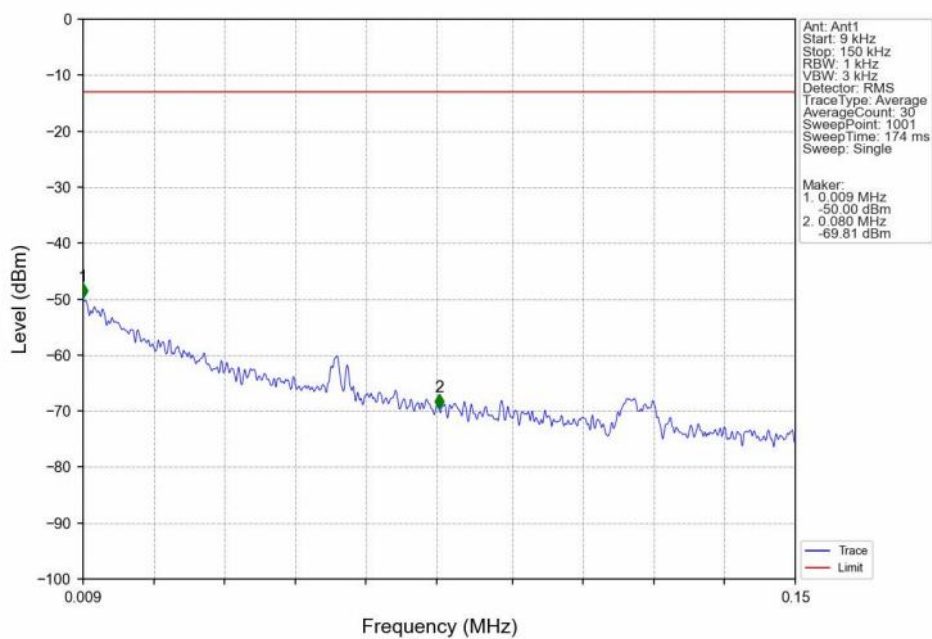
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.987	-47.46	-35	Pass
775	776.9	0.1	CHP	2	776.850	-32.09	-13	Pass
776.9	777	0.03	CHP	3	776.983	-35.15	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.021	-37.27	-13	Pass
787.1	793	0.1	CHP	5	787.150	-33.70	-13	Pass
793	805	0.00625	CHP	6	793.570	-52.00	-35	Pass
805	810	0.1	CHP	7	807.847	-65.94	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

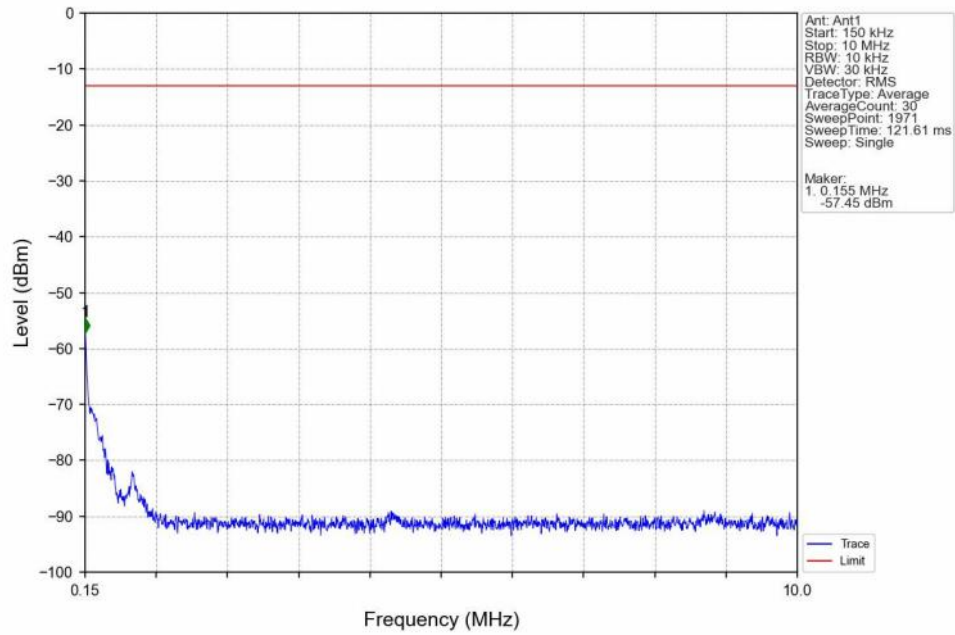


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.872	-65.80	-13	Pass
763	775	0.00625	CHP	2	774.833	-67.42	-35	Pass
775	776.9	0.1	CHP	3	776.850	-45.85	-13	Pass
776.9	777	0.03	CHP	4	777.000	-45.75	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.020	-65.35	-13	Pass
787.1	792	0.1	CHP	6	787.150	-62.60	-13	Pass

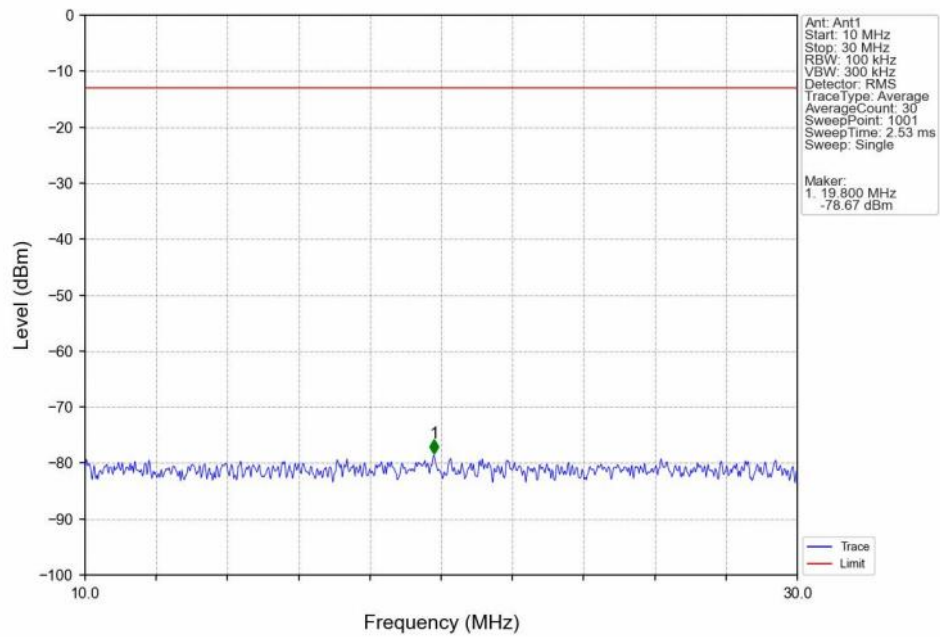
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



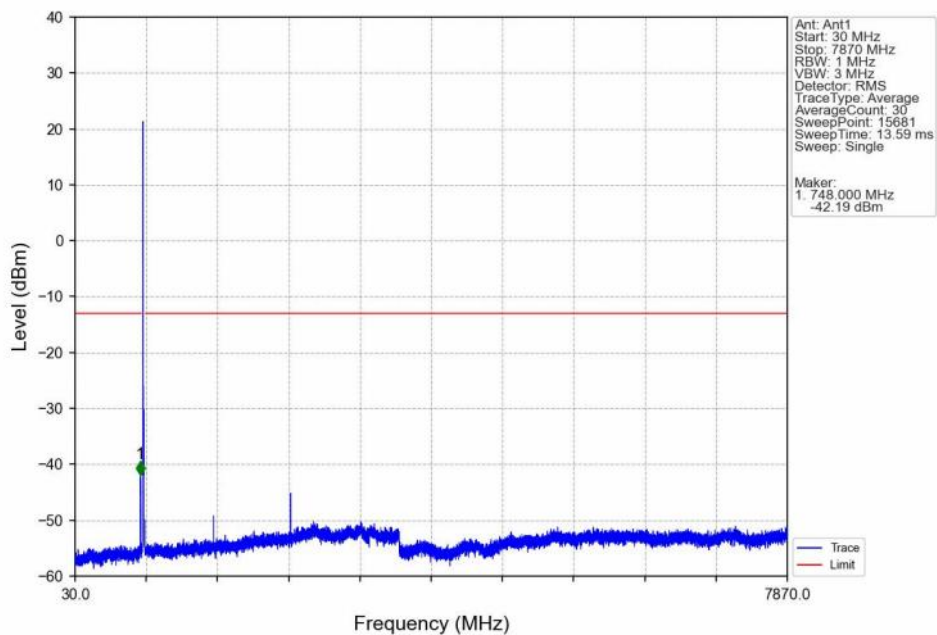
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



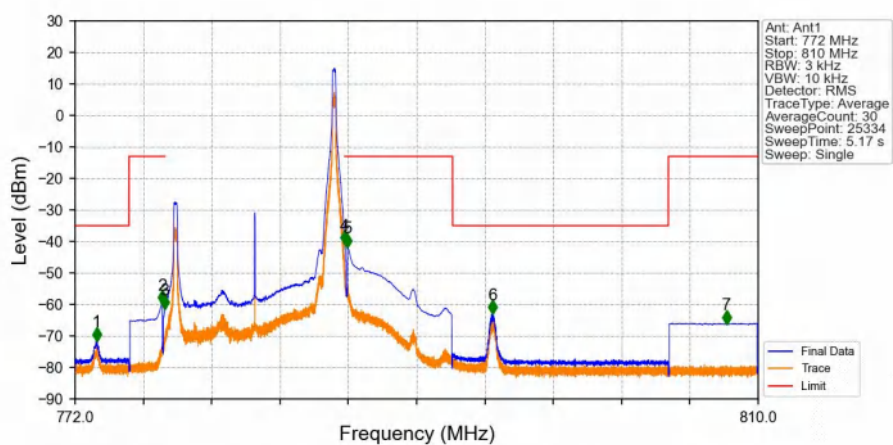
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



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	773.193	-71.32	-35	Pass
775	776.9	0.1	CHP	2	776.850	-59.59	-13	Pass
776.9	777	0.03	CHP	3	777.000	-61.22	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-40.64	-13	Pass
787.1	793	0.1	CHP	5	787.150	-41.54	-13	Pass
793	805	0.00625	CHP	6	795.207	-62.79	-35	Pass
805	810	0.1	CHP	7	808.243	-65.89	-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	0.1524	0.0031	ppm	4M58G7D	27F	21.83
13	5	779.5	784.5	0.1330	0.0040	ppm	4M56W7D	27F	21.24
13	10	782	782	0.1538	0.0019	ppm	9M06G7D	27F	21.87
13	10	782	782	0.1393	0.0014	ppm	5M08W7D	27F	21.44

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	0.0277	0.0031	ppm	4M58G7D	27F	14.43
13	5	779.5	784.5	0.0242	0.0040	ppm	4M56W7D	27F	13.84
13	10	782	782	0.0280	0.0019	ppm	9M06G7D	27F	14.47
13	10	782	782	0.0254	0.0014	ppm	5M08W7D	27F	14.04