

1. Effective (Isotropic) Radiated Power Output Data

1.1 B13_5MHz_ERP

1.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	779.5	1	0	22.83	-3.50	17.18	<=34.77	Pass		
			13	22.94	-3.50	17.29	<=34.77	Pass		
			24	22.80	-3.50	17.15	<=34.77	Pass		
		12	0	21.84	-3.50	16.19	<=34.77	Pass		
			6	21.95	-3.50	16.30	<=34.77	Pass		
			13	21.86	-3.50	16.21	<=34.77	Pass		
		25	0	21.88	-3.50	16.23	<=34.77	Pass		
		782	1	0	22.77	-3.50	17.12	<=34.77	Pass	
				13	22.89	-3.50	17.24	<=34.77	Pass	
	24			22.73	-3.50	17.08	<=34.77	Pass		
	12		0	21.90	-3.50	16.25	<=34.77	Pass		
			6	21.87	-3.50	16.22	<=34.77	Pass		
			13	21.79	-3.50	16.14	<=34.77	Pass		
	25	0	21.80	-3.50	16.15	<=34.77	Pass			
	784.5	1	0	22.73	-3.50	17.08	<=34.77	Pass		
			13	22.86	-3.50	17.21	<=34.77	Pass		
			24	22.69	-3.50	17.04	<=34.77	Pass		
		12	0	21.85	-3.50	16.20	<=34.77	Pass		
			6	21.84	-3.50	16.19	<=34.77	Pass		
			13	21.76	-3.50	16.11	<=34.77	Pass		
		25	0	21.80	-3.50	16.15	<=34.77	Pass		
		16QAM	779.5	1	0	21.92	-3.50	16.27	<=34.77	Pass
					13	22.03	-3.50	16.38	<=34.77	Pass
	24				21.93	-3.50	16.28	<=34.77	Pass	
12	0			20.77	-3.50	15.12	<=34.77	Pass		
	6			20.94	-3.50	15.29	<=34.77	Pass		
	13			20.88	-3.50	15.23	<=34.77	Pass		
25	0			20.92	-3.50	15.27	<=34.77	Pass		
782	1			0	22.04	-3.50	16.39	<=34.77	Pass	
				13	22.17	-3.50	16.52	<=34.77	Pass	
			24	22.02	-3.50	16.37	<=34.77	Pass		
	12		0	20.88	-3.50	15.23	<=34.77	Pass		
			6	20.93	-3.50	15.28	<=34.77	Pass		
			13	20.81	-3.50	15.16	<=34.77	Pass		
25	0		20.83	-3.50	15.18	<=34.77	Pass			
784.5	1		0	21.60	-3.50	15.95	<=34.77	Pass		
			13	21.74	-3.50	16.09	<=34.77	Pass		
			24	21.57	-3.50	15.92	<=34.77	Pass		
	12		0	20.86	-3.50	15.21	<=34.77	Pass		
			6	20.86	-3.50	15.21	<=34.77	Pass		
			13	20.79	-3.50	15.14	<=34.77	Pass		
	25		0	20.86	-3.50	15.21	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B13_10MHz_ERP

1.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	782	1	0	23.42	-3.50	17.77	<=34.77	Pass		
			25	23.55	-3.50	17.90	<=34.77	Pass		
			49	23.36	-3.50	17.71	<=34.77	Pass		
		25	0	22.37	-3.50	16.72	<=34.77	Pass		
			13	22.42	-3.50	16.77	<=34.77	Pass		
			25	22.03	-3.50	16.38	<=34.77	Pass		
		50	0	21.84	-3.50	16.19	<=34.77	Pass		
		16QAM	782	1	0	22.09	-3.50	16.44	<=34.77	Pass
					25	22.15	-3.50	16.50	<=34.77	Pass
49	22.03				-3.50	16.38	<=34.77	Pass		
25	0			20.94	-3.50	15.29	<=34.77	Pass		
	13			20.96	-3.50	15.31	<=34.77	Pass		
	25			20.88	-3.50	15.23	<=34.77	Pass		
50	0			20.88	-3.50	15.23	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B13_5MHz

2.1.1 Test Result

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	-1.616	-0.0021	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0059	-2.5 to 2.5	Pass
					4.43	-0.944	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-8.297	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-8.440	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0086	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				10	3.85	-5.894	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0066	-2.5 to 2.5	Pass
	40	3.85	-4.563	-0.0059	-2.5 to 2.5	Pass			
	50	3.85	-4.721	-0.0061	-2.5 to 2.5	Pass			
	782	25	0	20	3.27	-2.446	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.503	-0.0032	-2.5 to 2.5	Pass
					4.43	-3.490	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-8.111	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-4.420	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-7.138	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-4.106	-0.0053	-2.5 to 2.5	Pass
	40	3.85	-3.834	-0.0049	-2.5 to 2.5	Pass			
	50	3.85	-8.054	-0.0103	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.27	-6.995	-0.0089	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0087	-2.5 to 2.5	Pass
					4.43	-4.807	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-9.828	-0.0125	-2.5 to 2.5	Pass
-10				3.85	-9.828	-0.0125	-2.5 to 2.5	Pass	

				0	3.85	-9.098	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-7.625	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-5.765	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-7.653	-0.0098	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-4.363	-0.0056	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0059	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-5.865	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-6.351	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-3.204	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-4.334	-0.0056	-2.5 to 2.5	Pass
	50	3.85	-5.407	-0.0069	-2.5 to 2.5	Pass			
	782	25	0	20	3.27	-9.055	-0.0116	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-4.678	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-3.920	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-5.164	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-3.791	-0.0048	-2.5 to 2.5	Pass
	50	3.85	-7.696	-0.0098	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.27	-9.613	-0.0123	-2.5 to 2.5	Pass
					3.85	-9.270	-0.0118	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-9.828	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-9.255	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-7.281	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-6.580	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-8.597	-0.0110	-2.5 to 2.5	Pass
30				3.85	-7.153	-0.0091	-2.5 to 2.5	Pass	
40				3.85	-12.145	-0.0155	-2.5 to 2.5	Pass	
50	3.85	-6.223	-0.0079	-2.5 to 2.5	Pass				

2.2 B13_10MHz

2.2.1 Test Result

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	-8.855	-0.0113	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0039	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-6.909	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-5.379	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-6.866	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-6.037	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-7.324	-0.0094	-2.5 to 2.5	Pass
50	3.85	-6.895	-0.0088	-2.5 to 2.5	Pass				

16QAM	782	50	0	20	3.27	-7.024	-0.0090	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0088	-2.5 to 2.5	Pass
					4.43	-6.452	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-5.550	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-7.224	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-4.721	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-7.138	-0.0091	-2.5 to 2.5	Pass

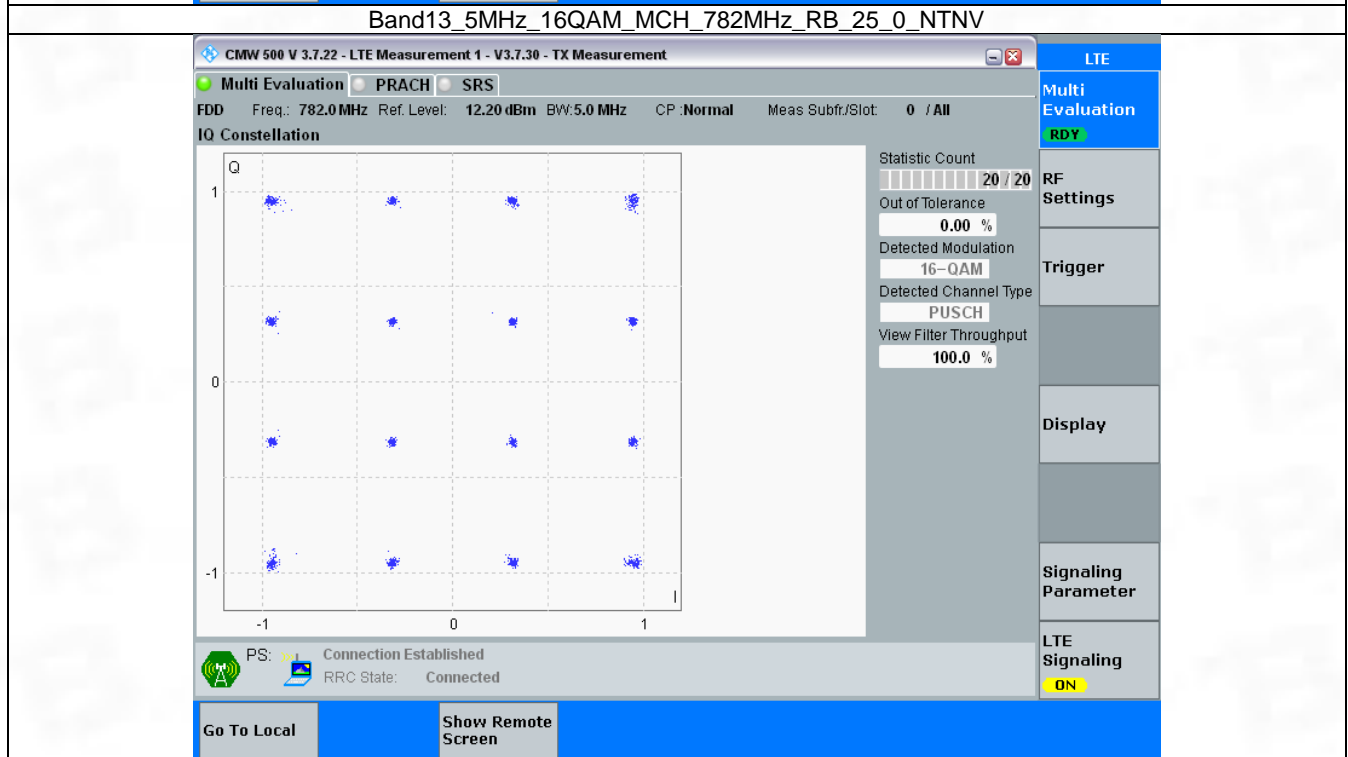
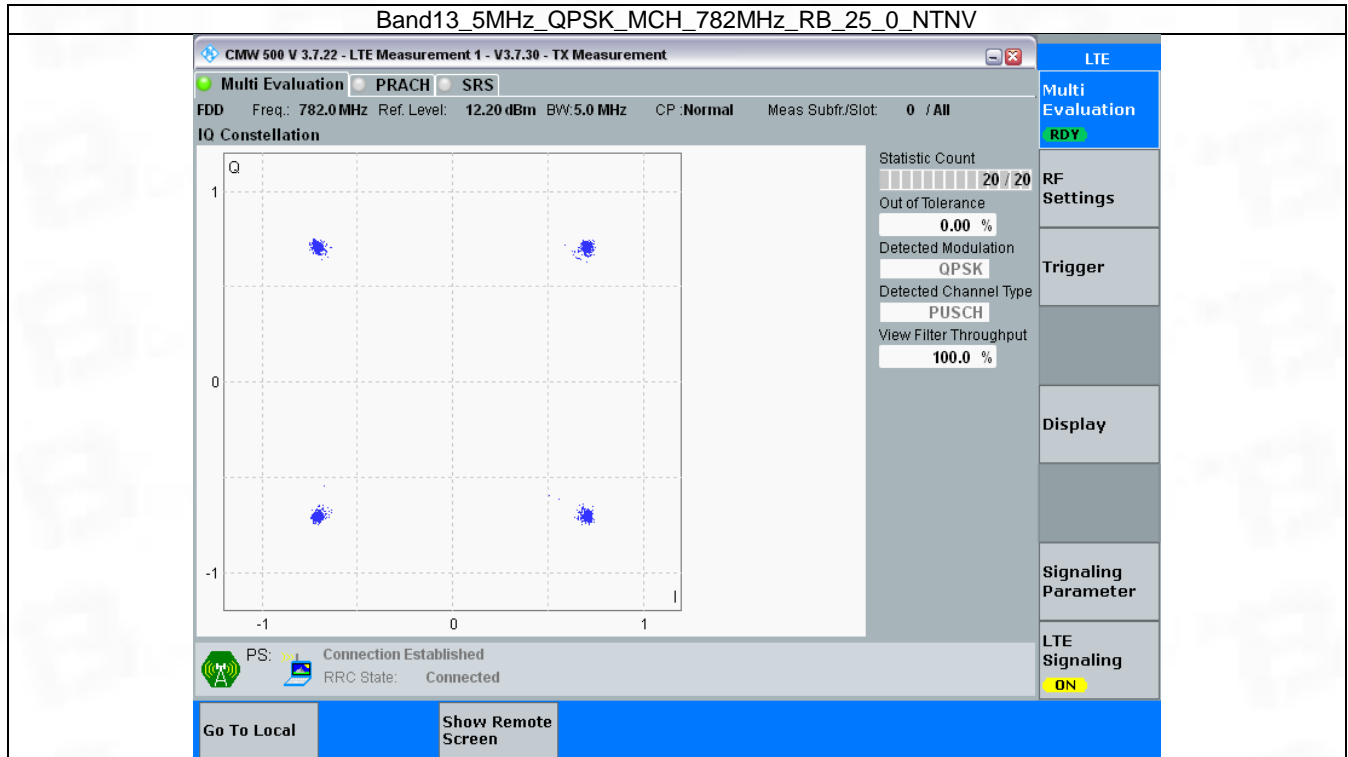
3. Modulation Characteristics

3.1 B13_5MHz

3.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTN						
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 Test Graph

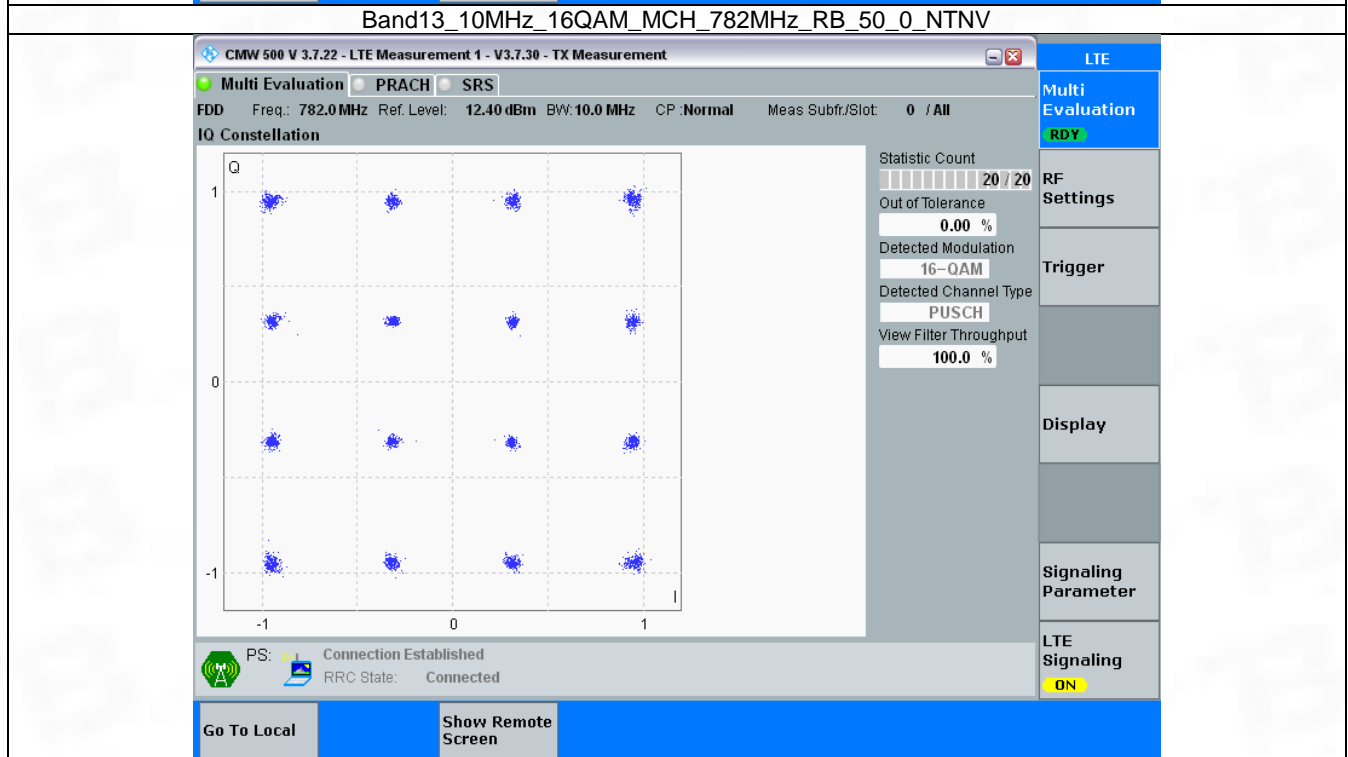
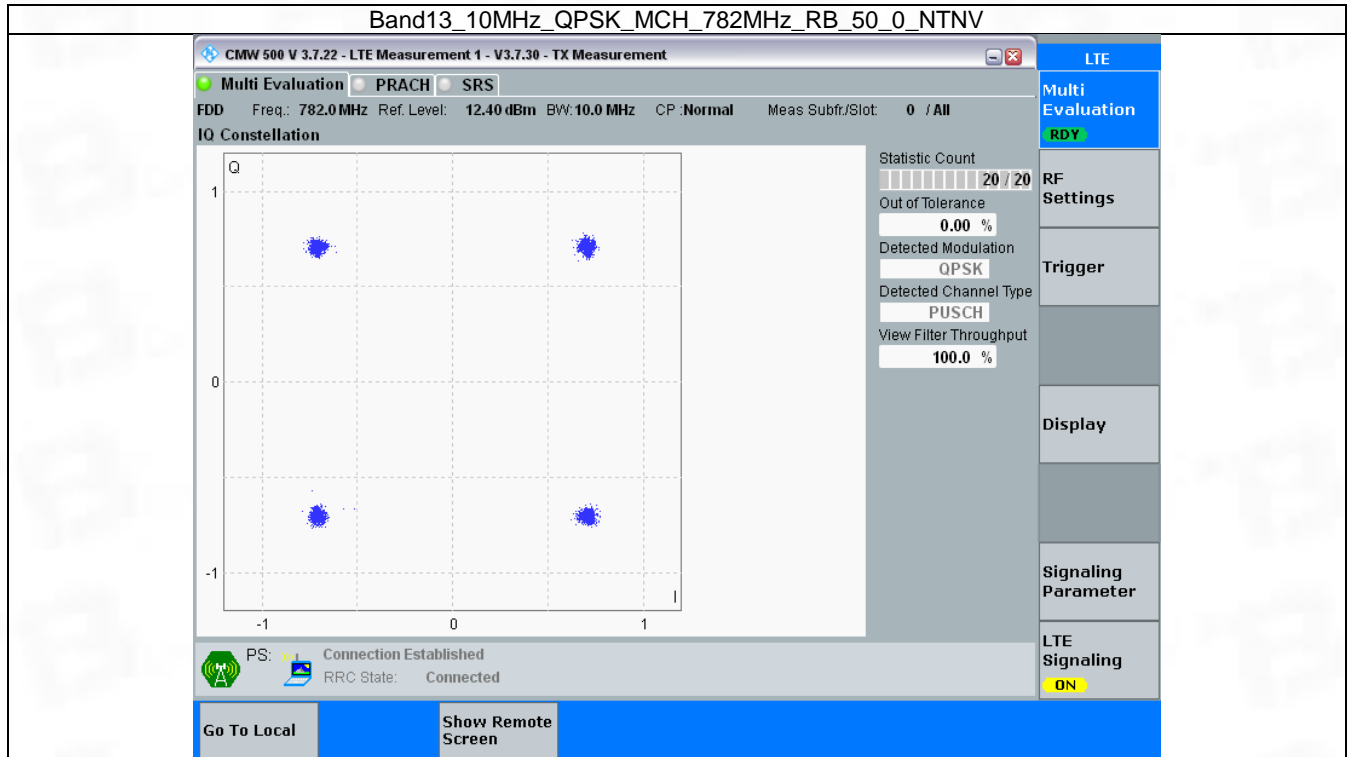


3.2 B13_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph



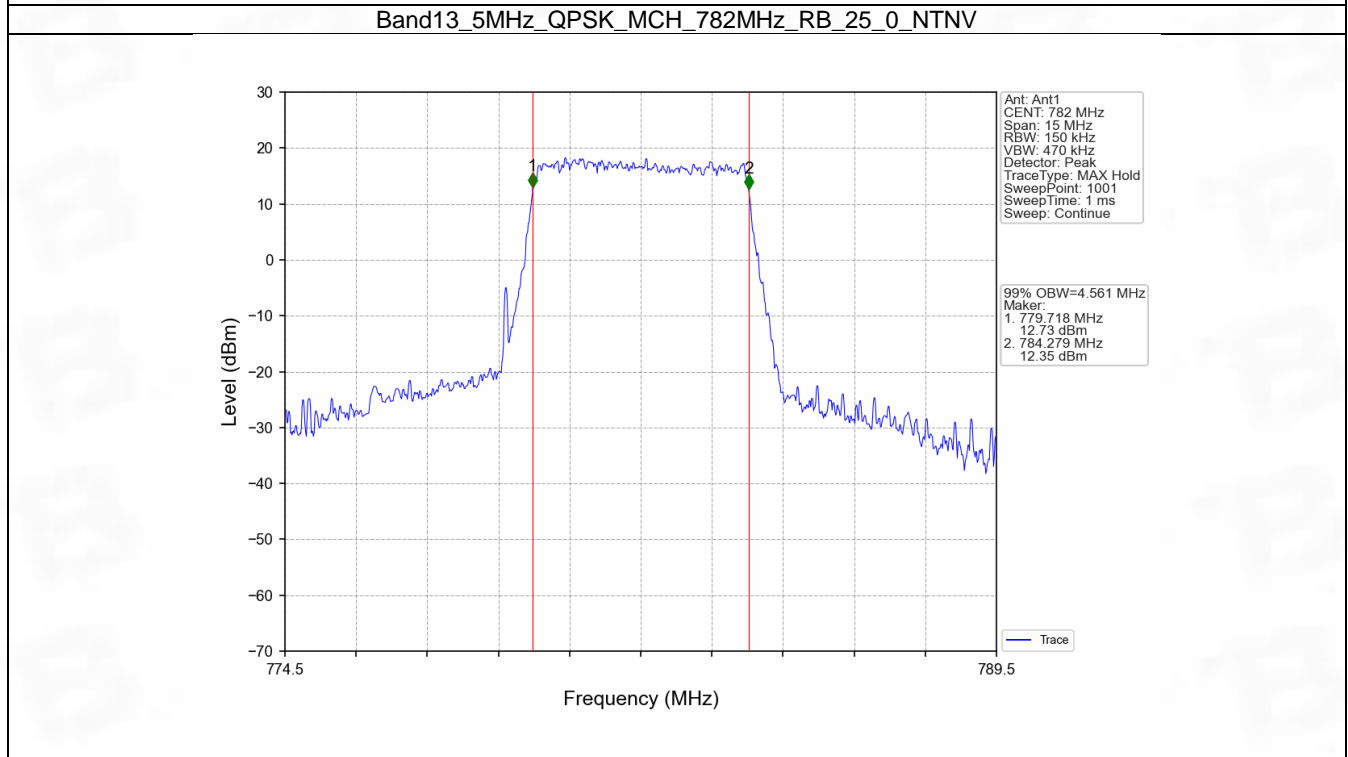
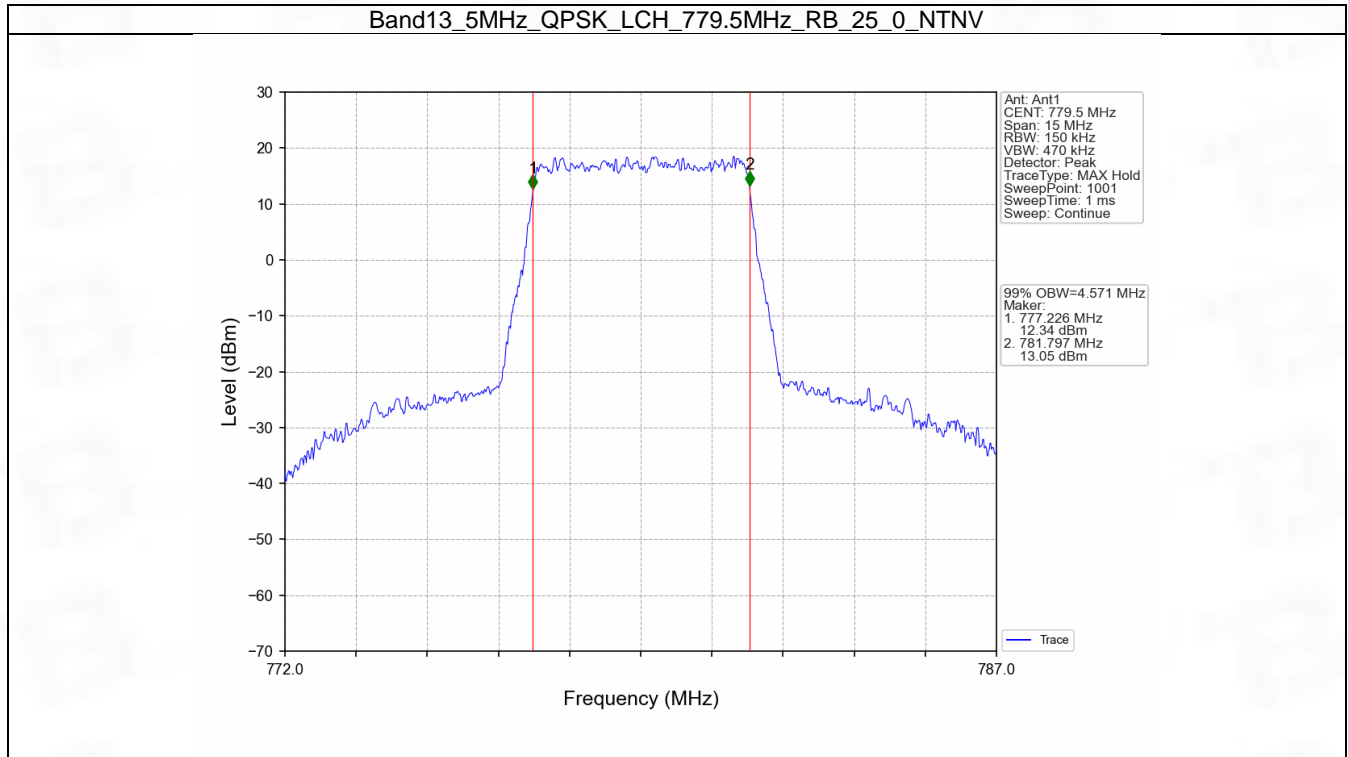
4. 99% & 26dB Bandwidth

4.1 Band13_OBW

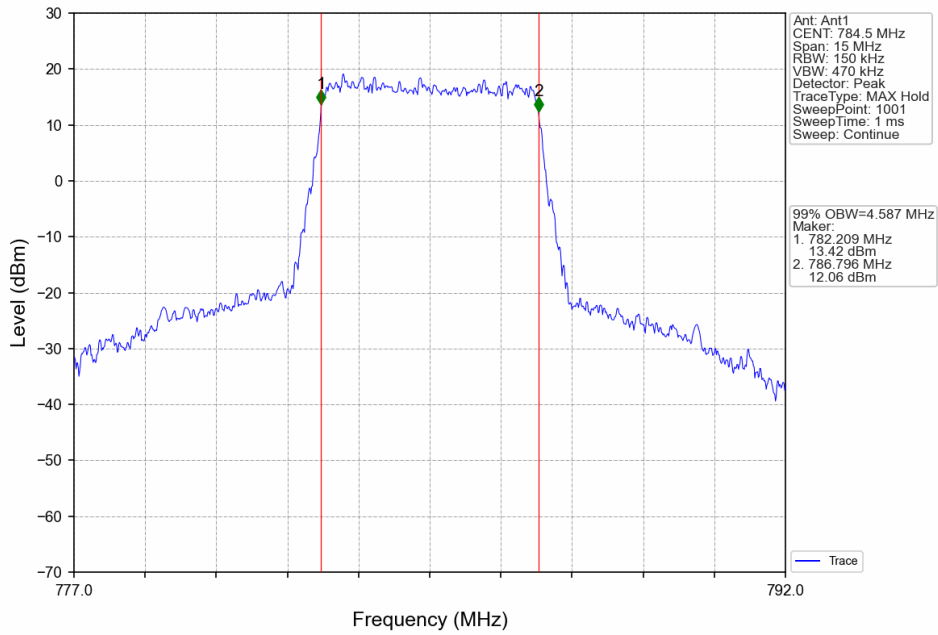
4.1.1 Test Result

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	4.571	/	Pass
		782	25	0	4.561	/	Pass
		784.5	25	0	4.587	/	Pass
	16QAM	779.5	25	0	4.570	/	Pass
		782	25	0	4.577	/	Pass
		784.5	25	0	4.570	/	Pass
10	QPSK	782	50	0	9.083	/	Pass
	16QAM	782	50	0	9.043	/	Pass

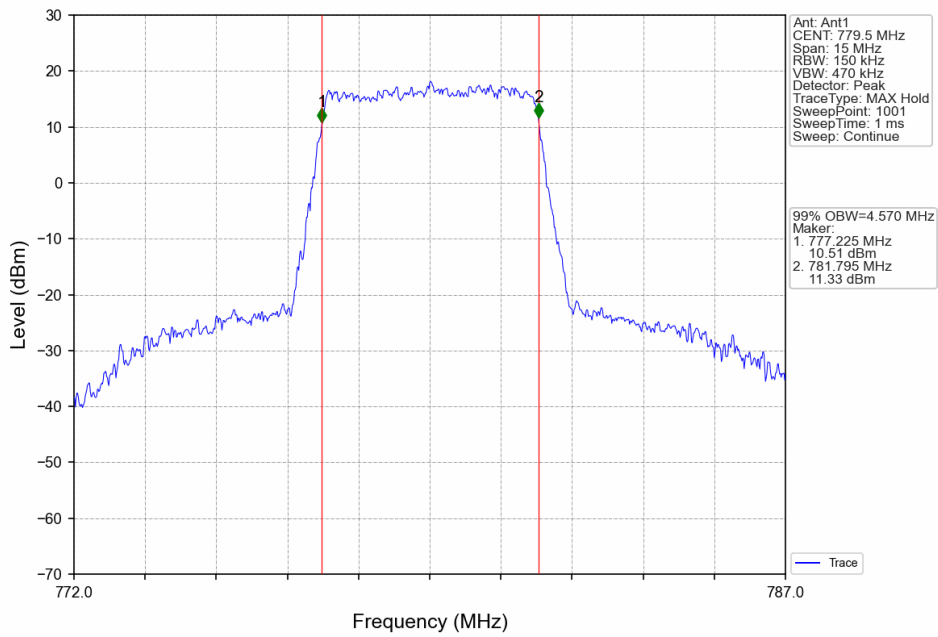
4.1.2 Test Graph



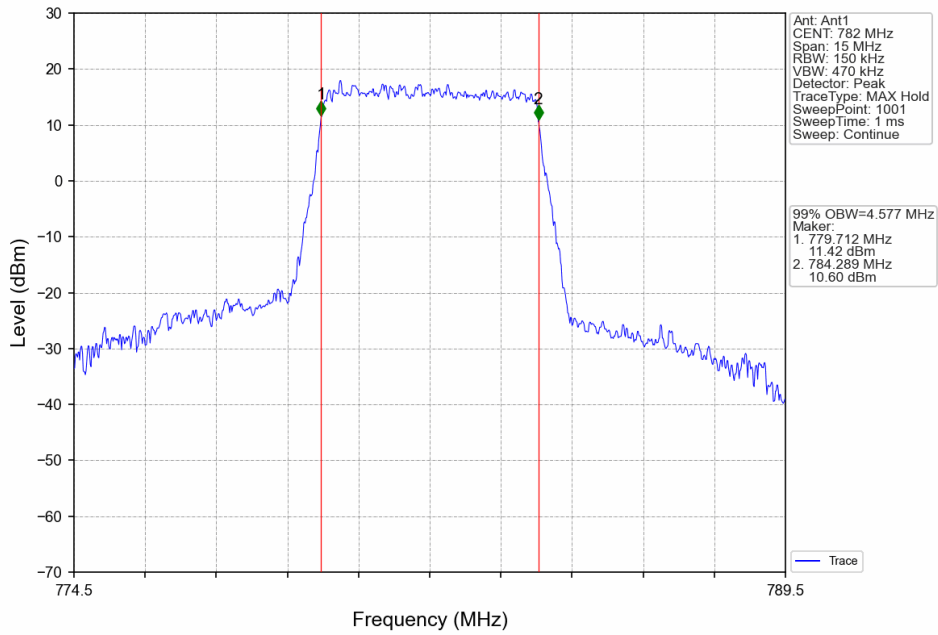
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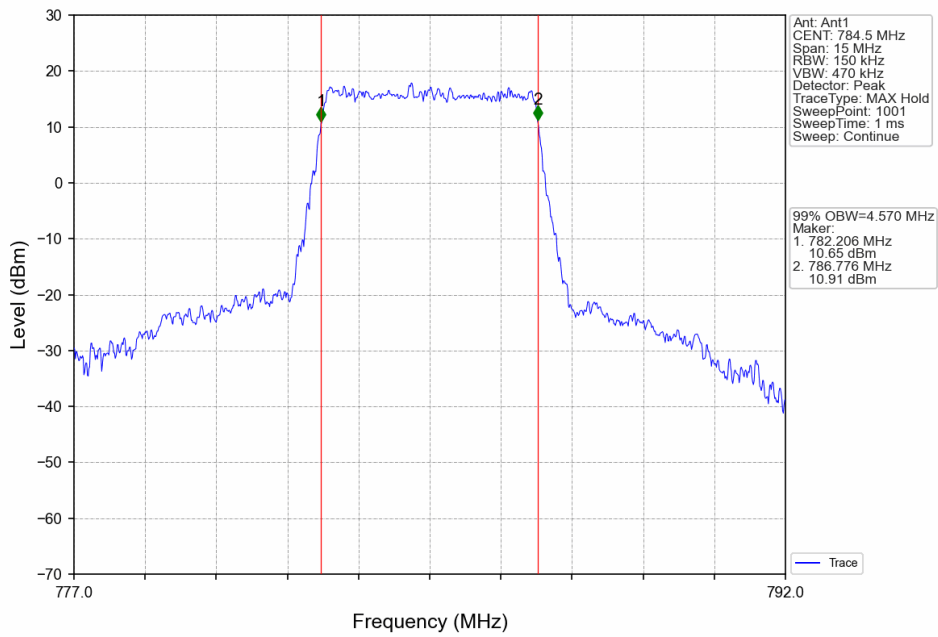
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



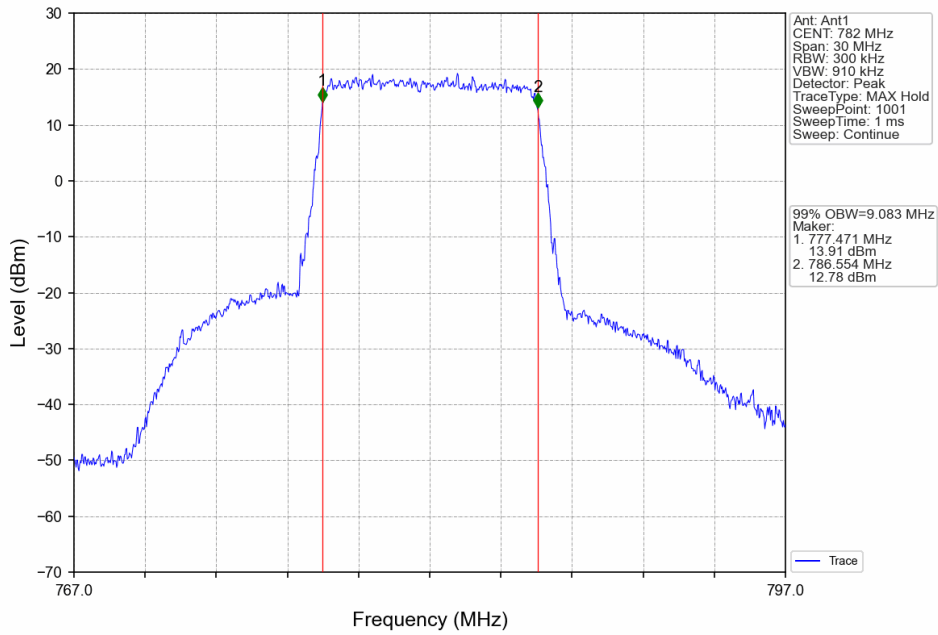
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



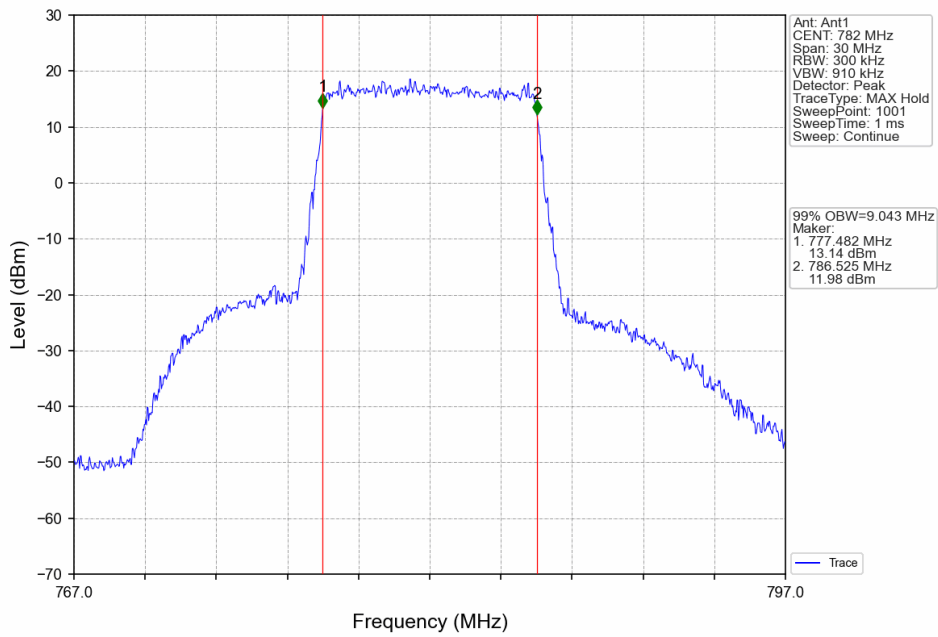
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

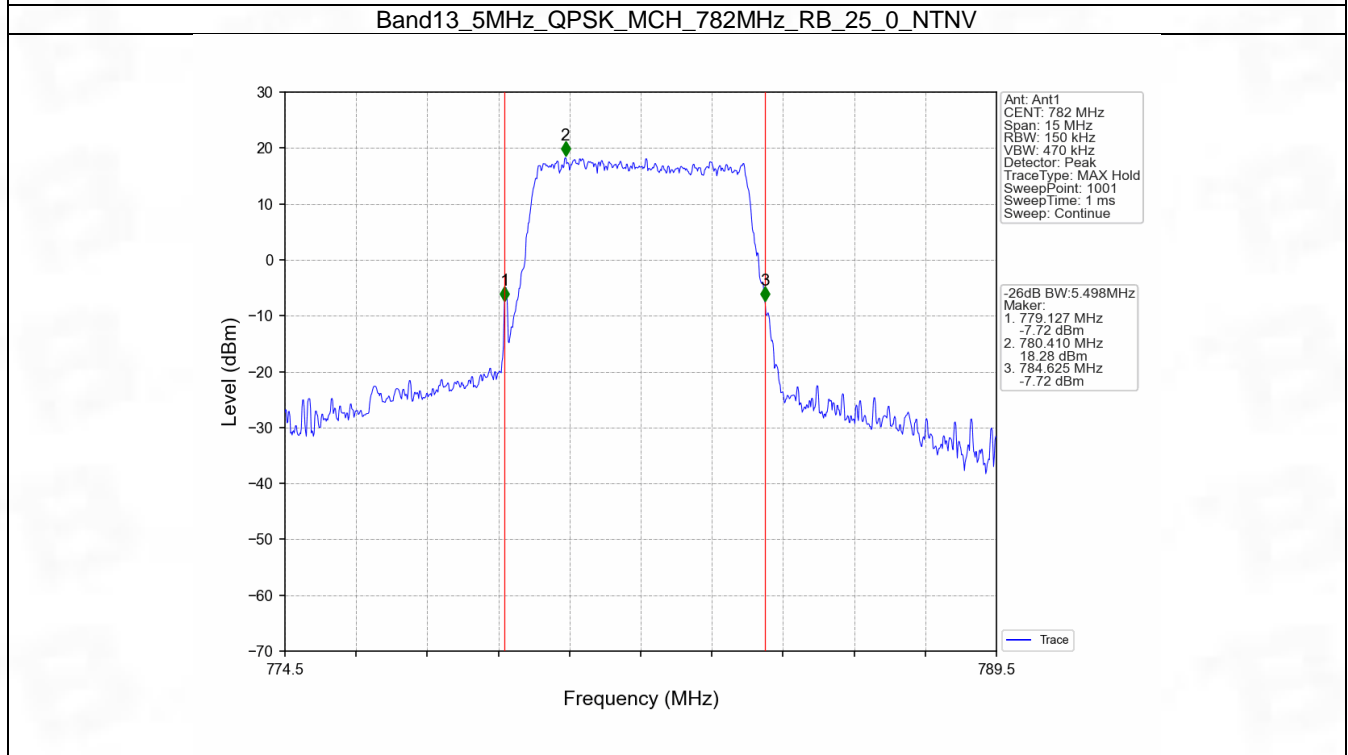
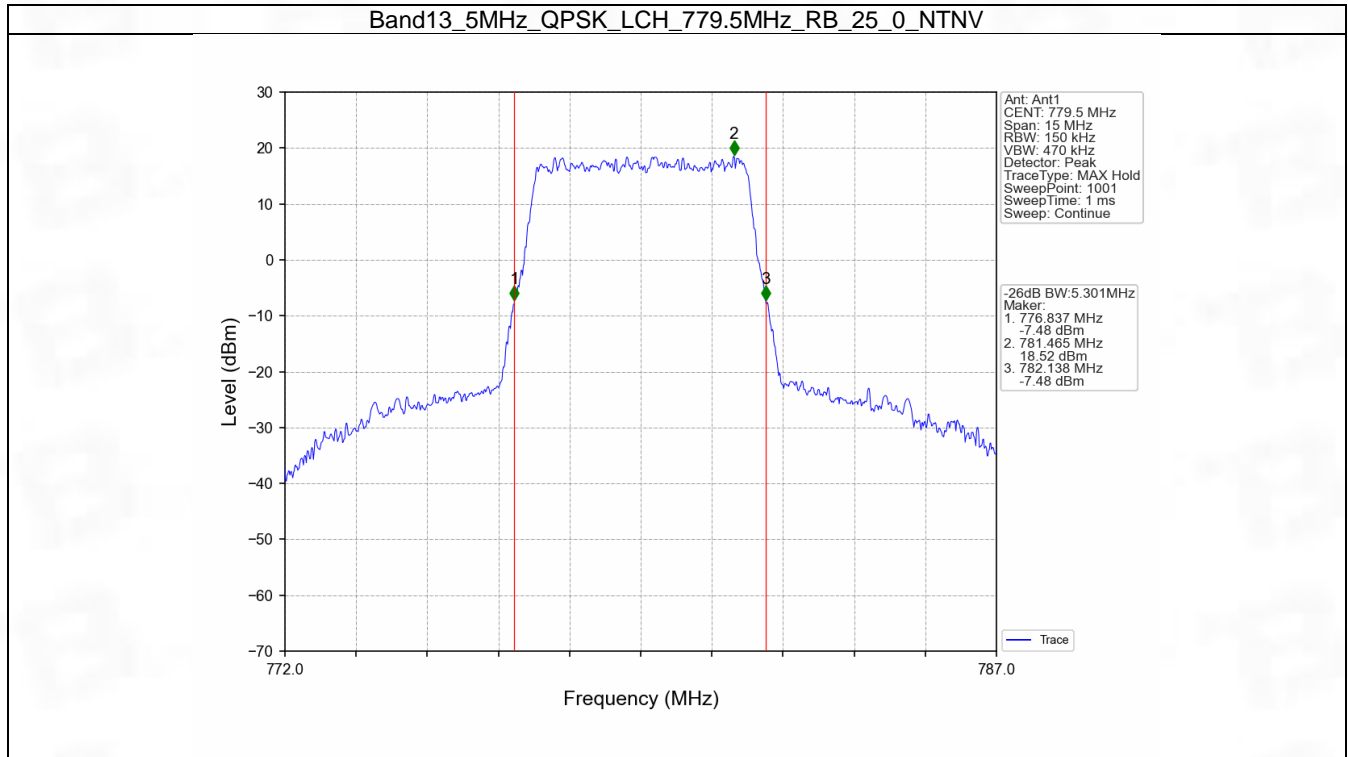


4.2 Band13_XDB

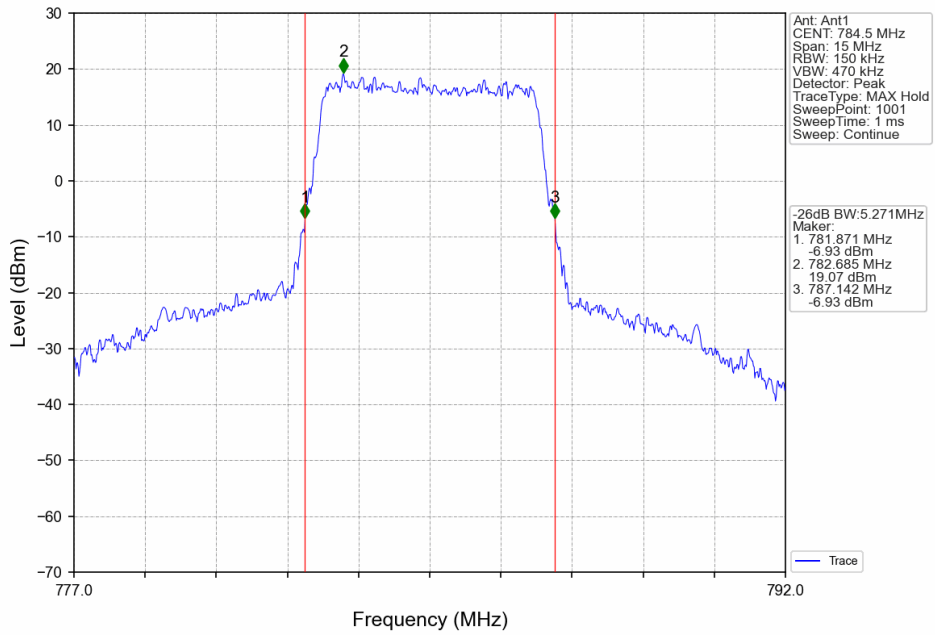
4.2.1 Test Result

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.301	/	Pass
		782	25	0	5.498	/	Pass
		784.5	25	0	5.271	/	Pass
	16QAM	779.5	25	0	5.238	/	Pass
		782	25	0	5.306	/	Pass
		784.5	25	0	5.234	/	Pass
10	QPSK	782	50	0	10.187	/	Pass
	16QAM	782	50	0	10.163	/	Pass

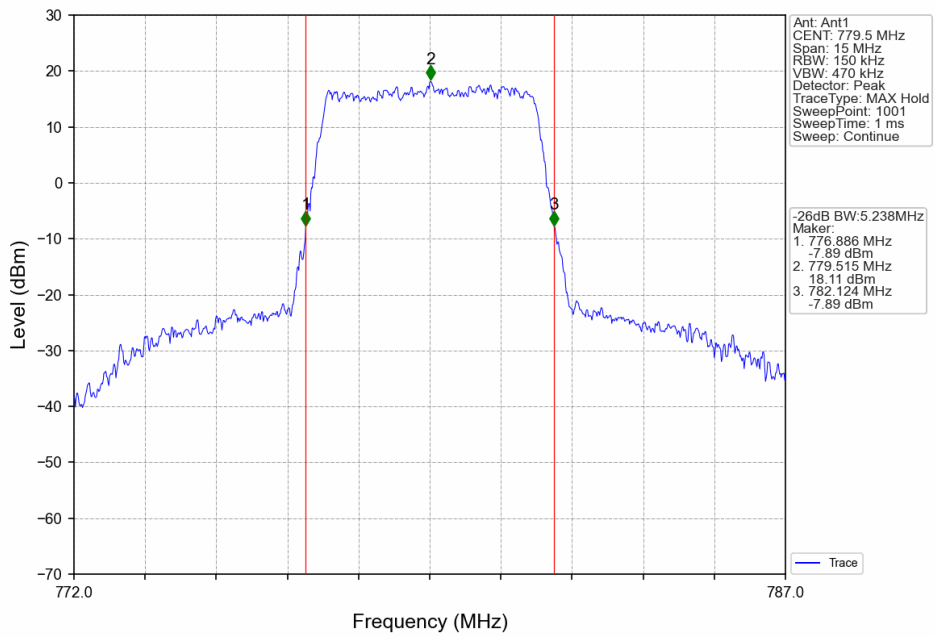
4.2.2 Test Graph



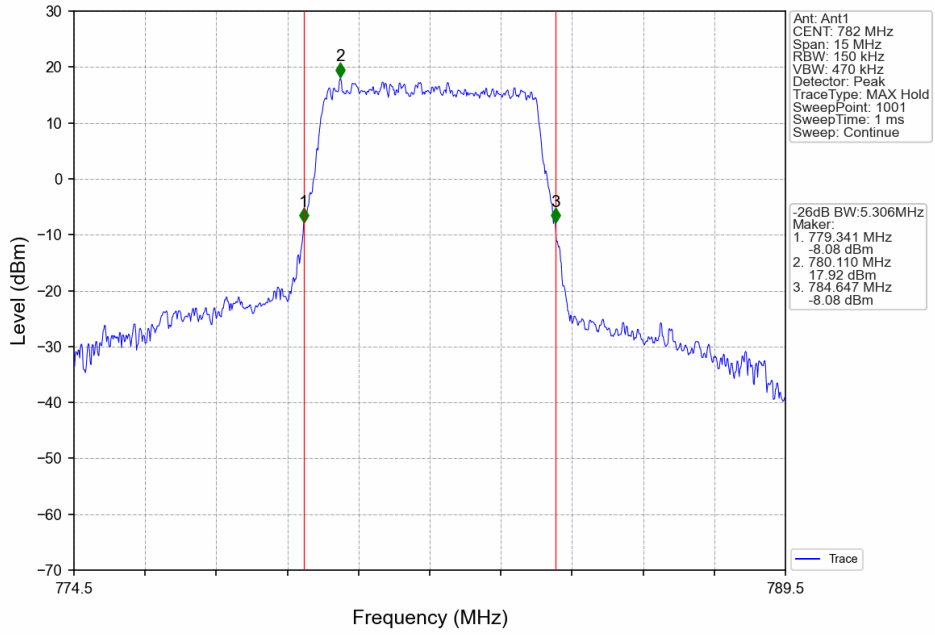
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



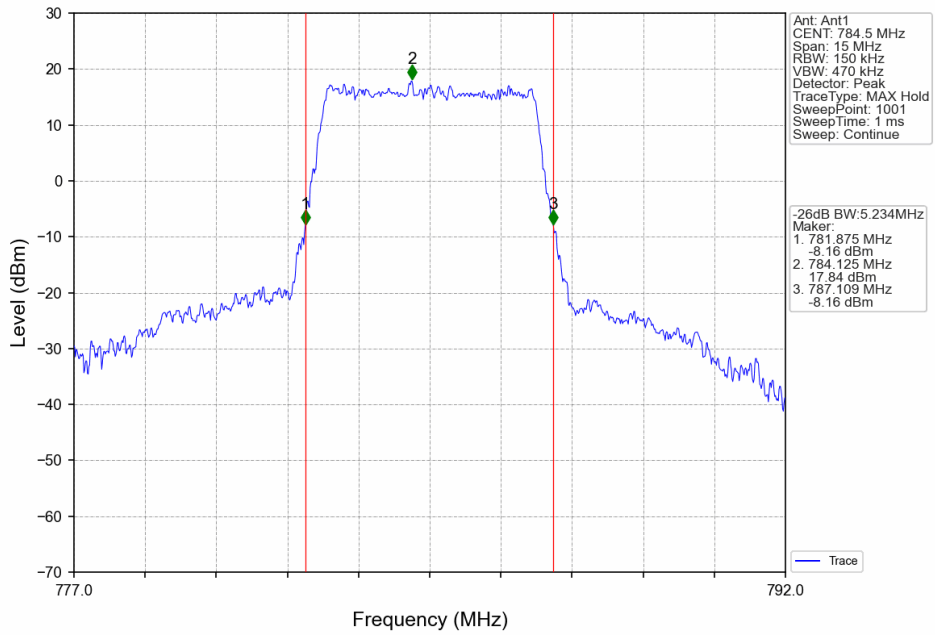
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



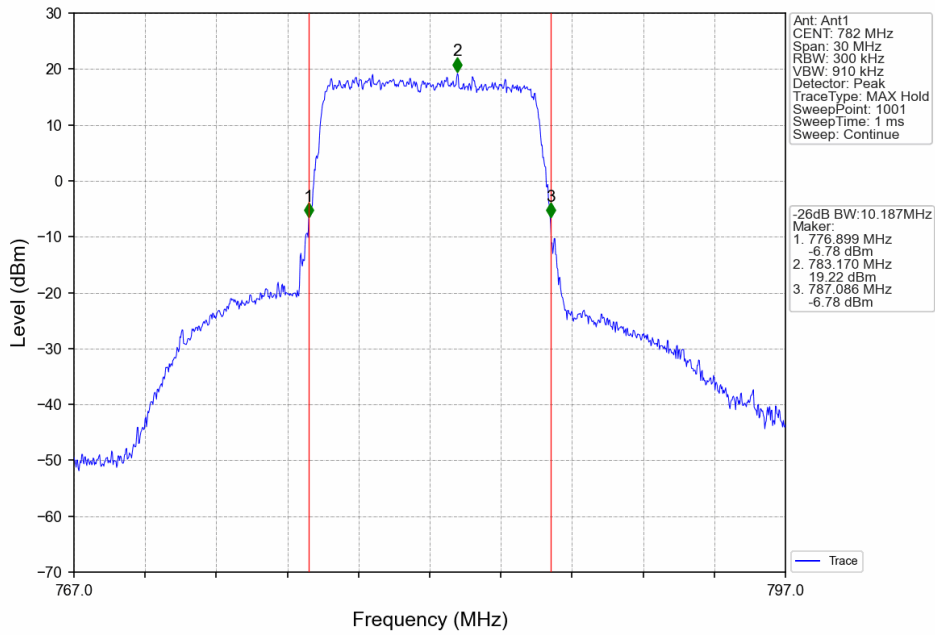
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



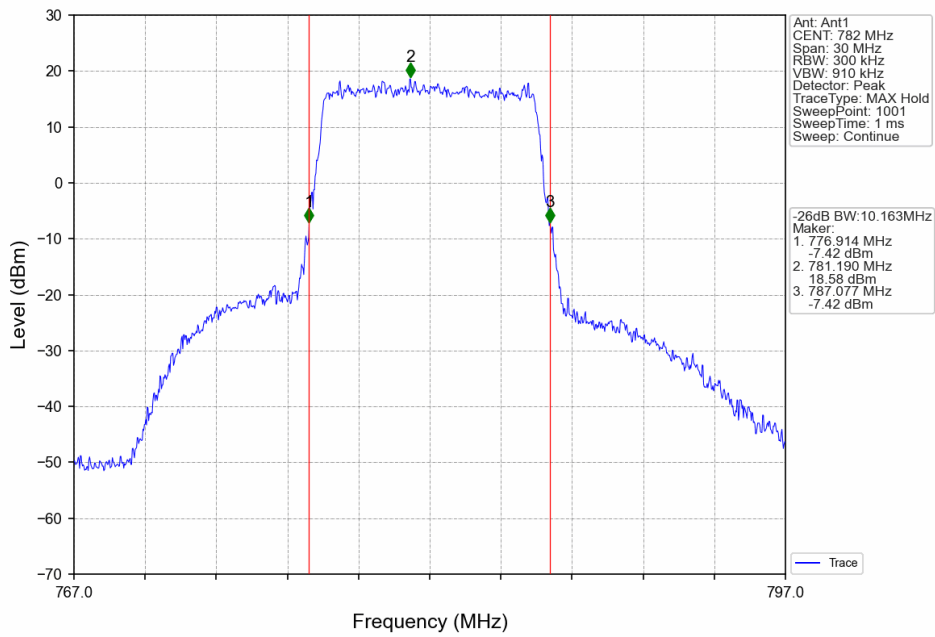
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



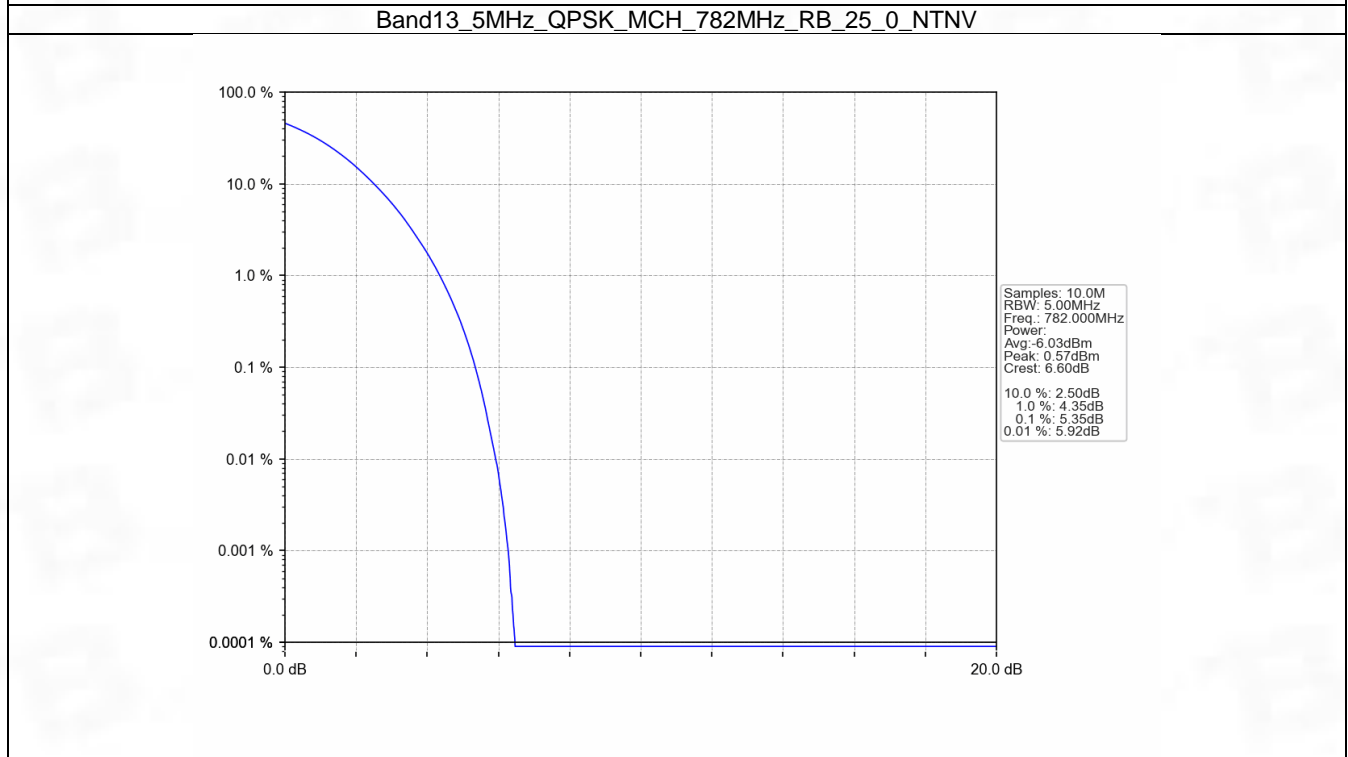
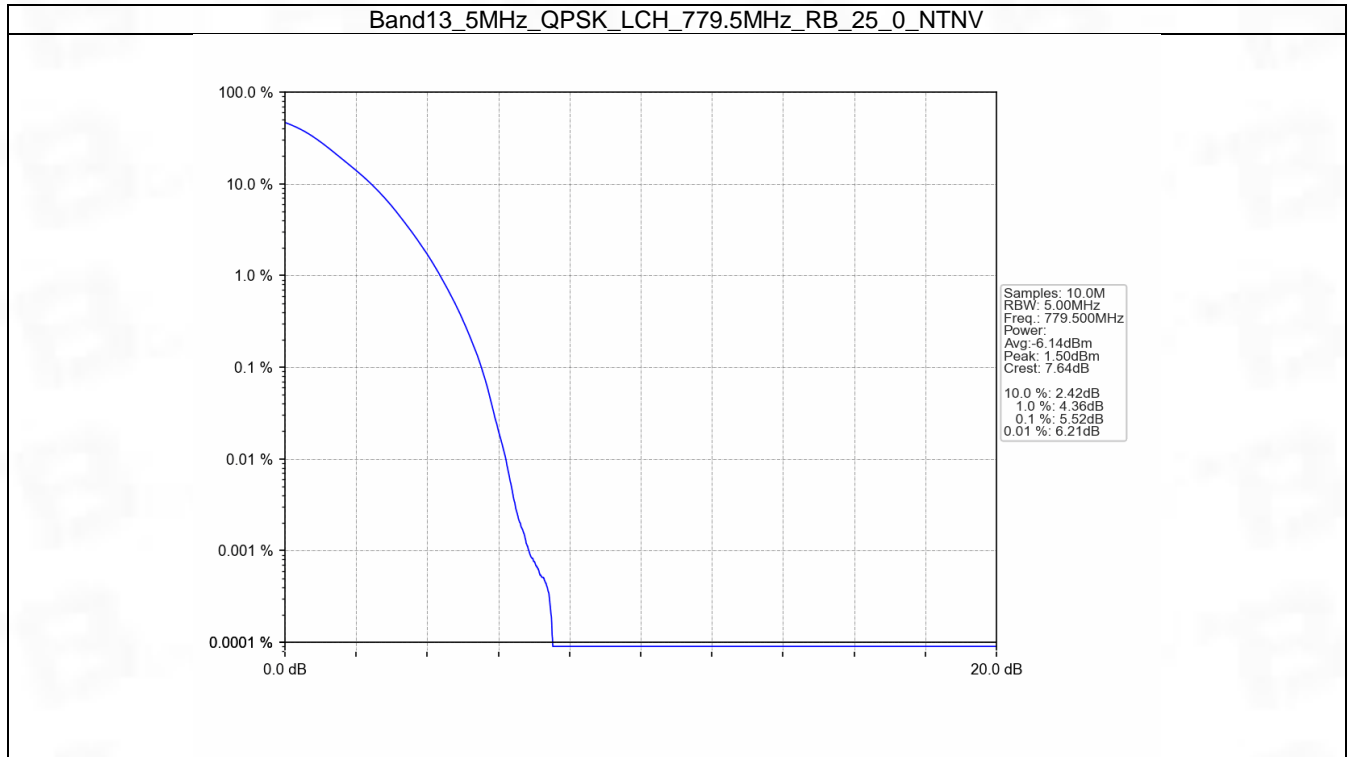
5. Peak-Average Ratio

5.1 B13_5MHz

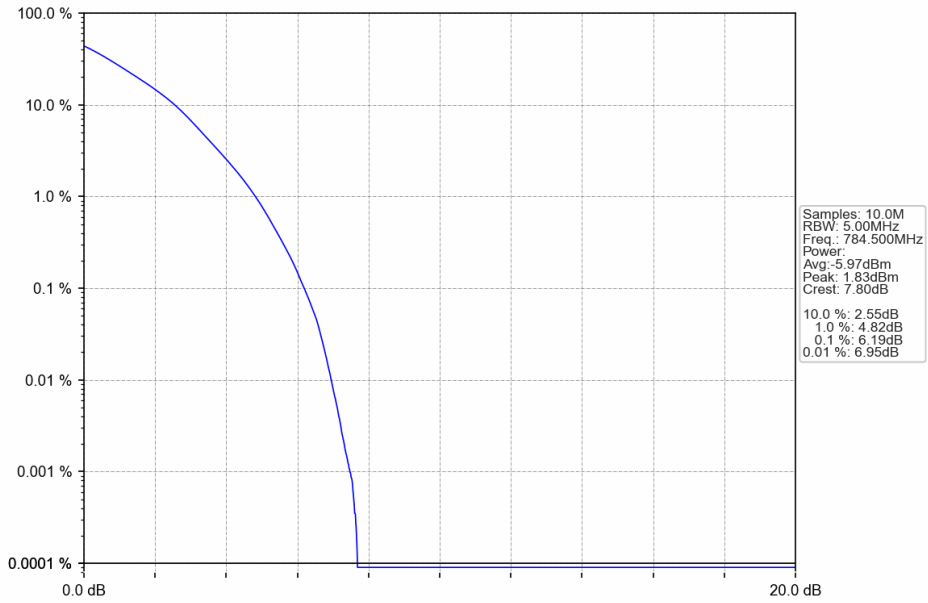
5.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.52	<=13	Pass
	782	25	0	5.35	<=13	Pass
	784.5	25	0	6.19	<=13	Pass
16QAM	779.5	25	0	6.24	<=13	Pass
	782	25	0	6.04	<=13	Pass
	784.5	25	0	6.86	<=13	Pass

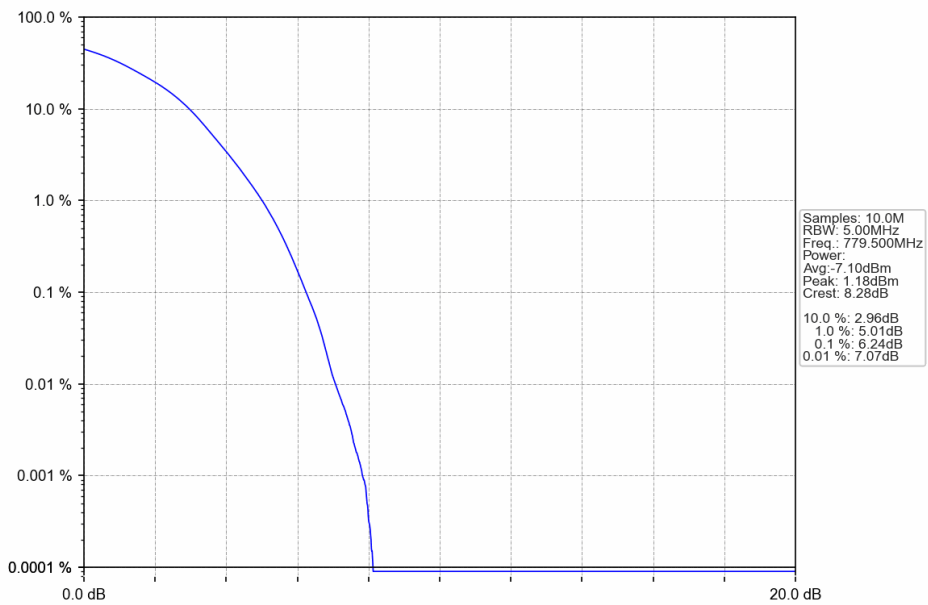
5.1.2 Test Graph



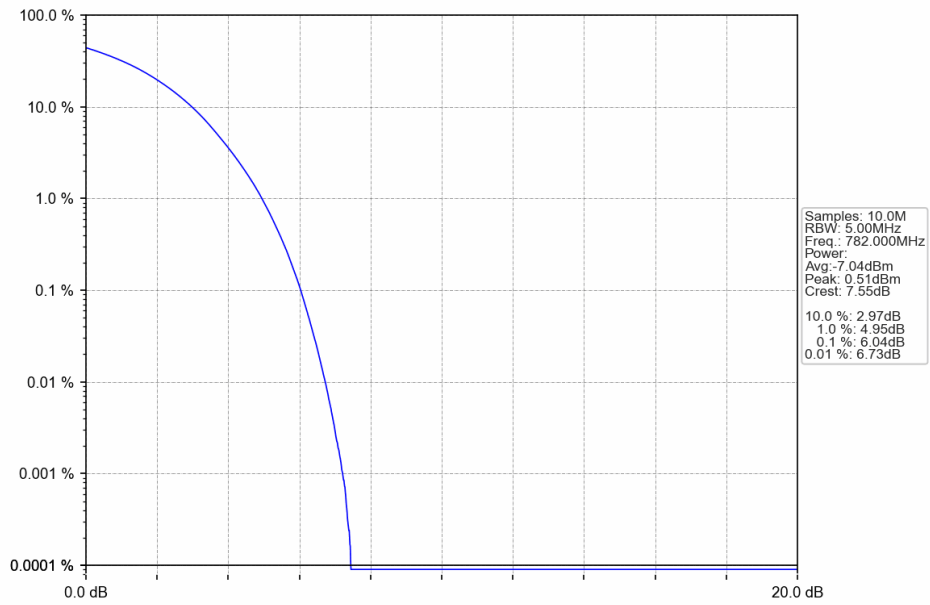
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



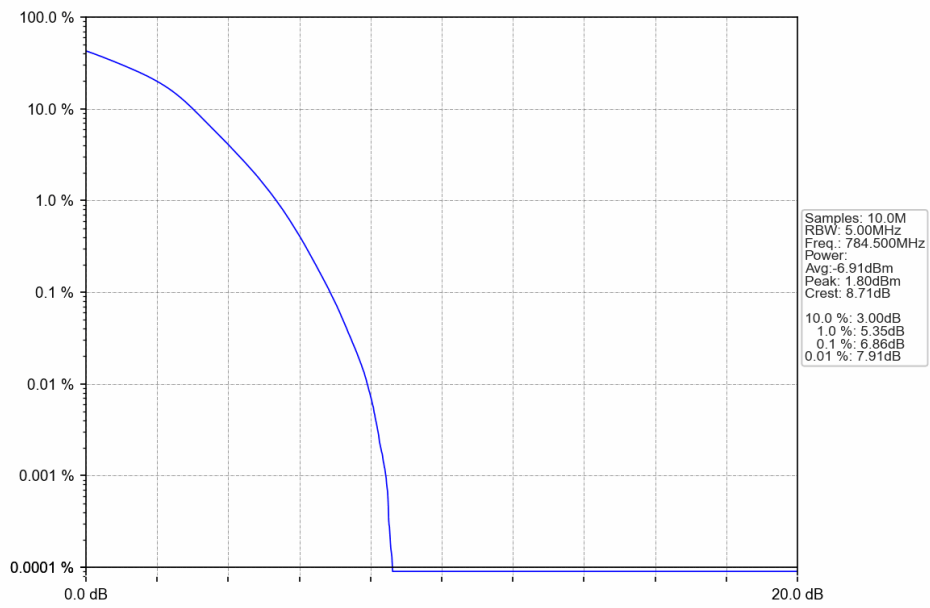
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

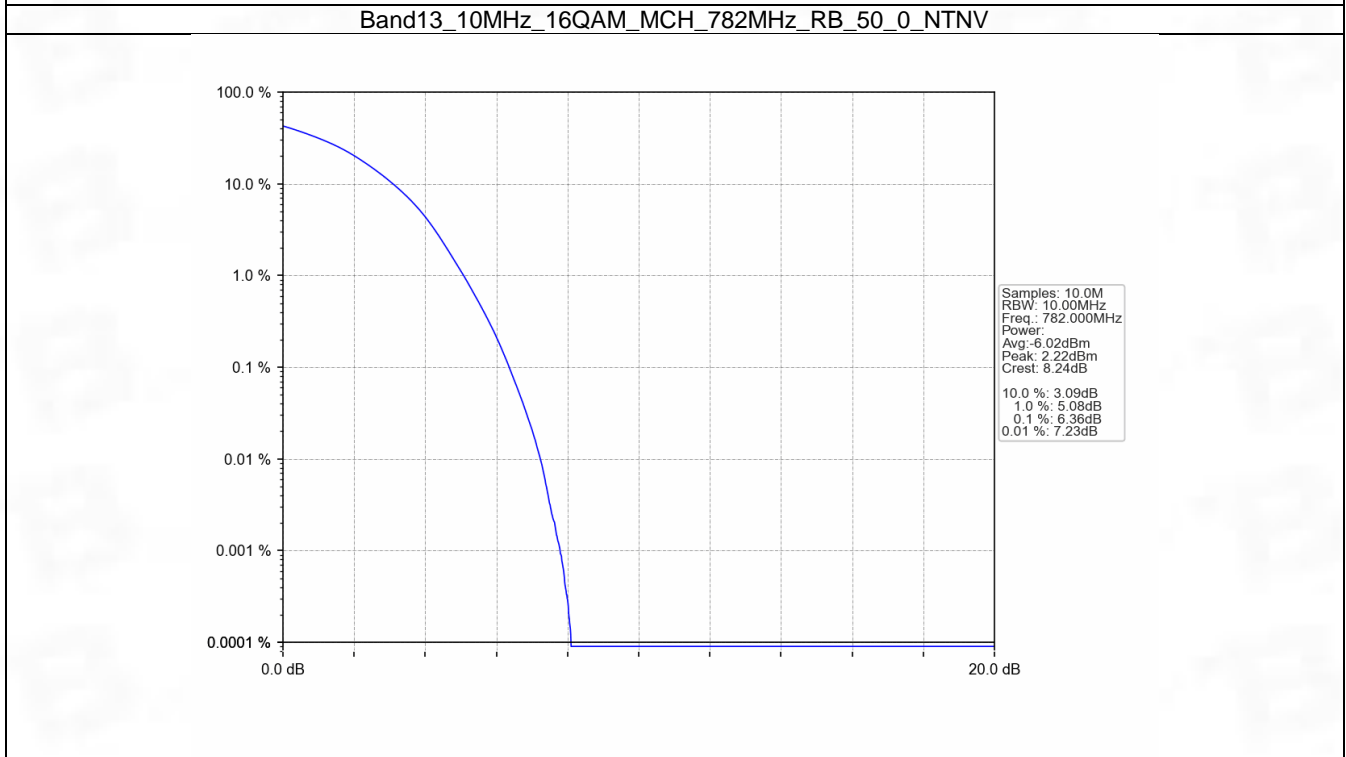
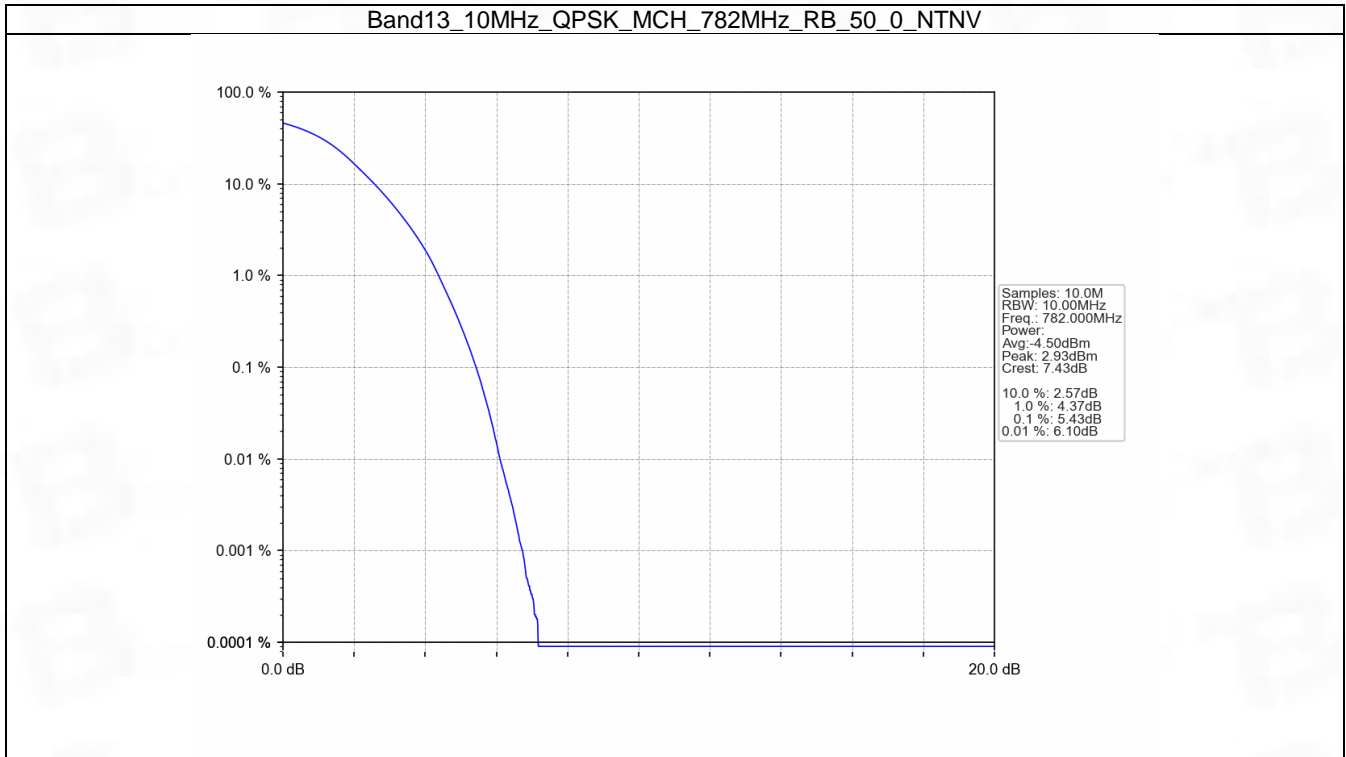


5.2 B13_10MHz

5.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.43	<=13	Pass
16QAM	782	50	0	6.36	<=13	Pass

5.2.2 Test Graph



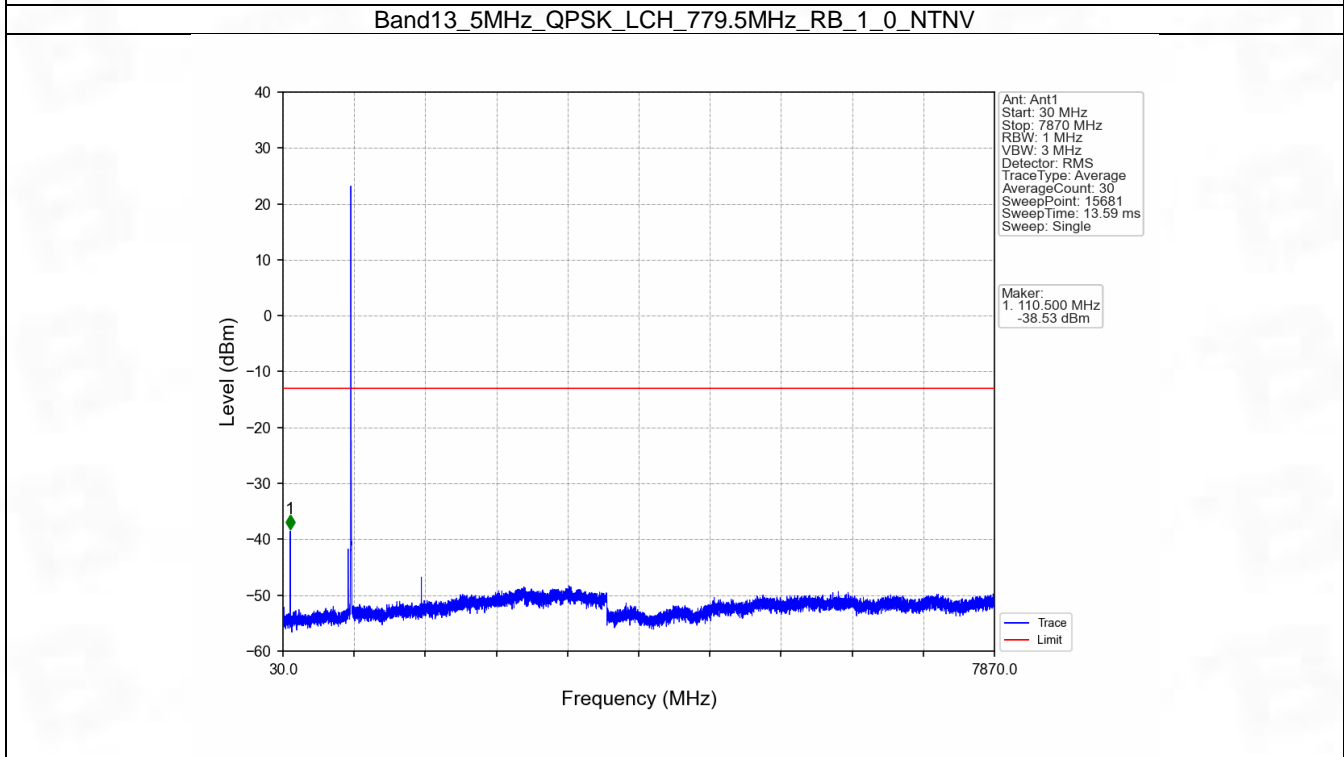
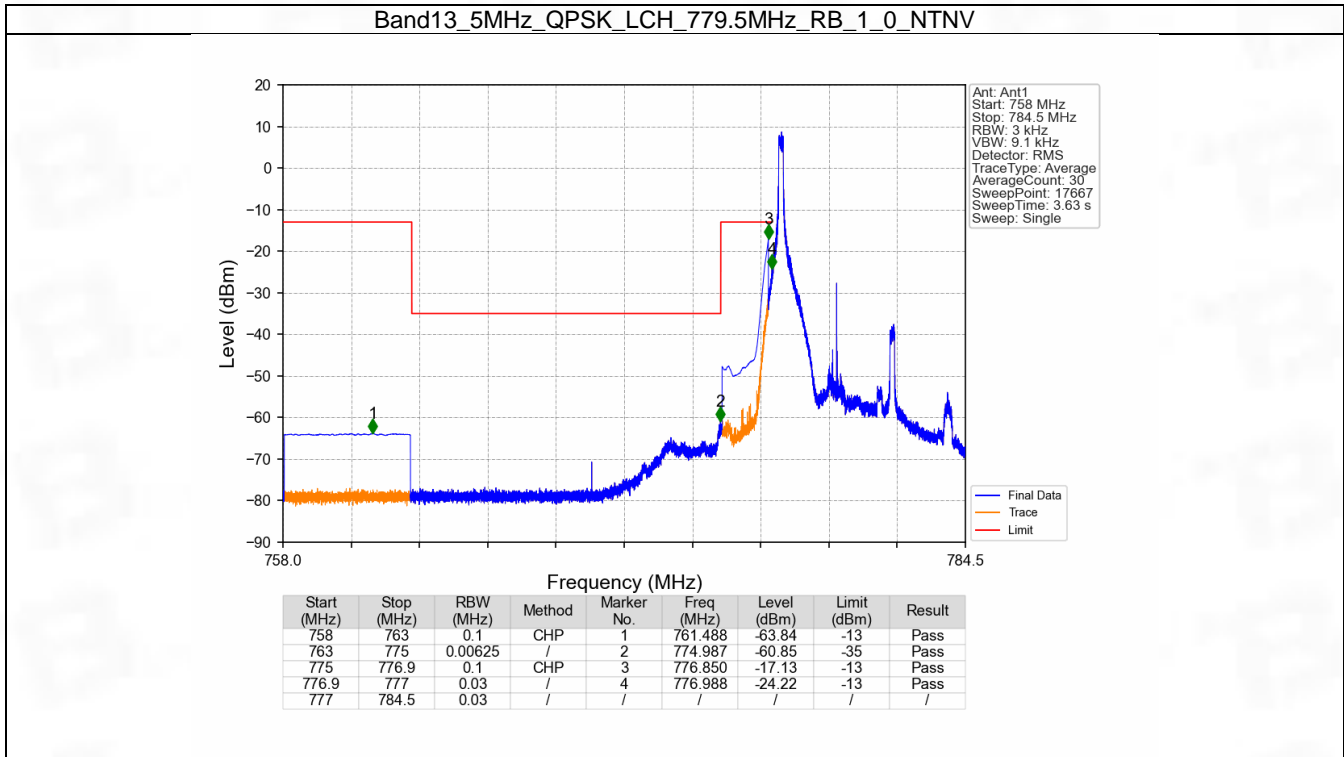
6. Spurious Emission

6.1 B13_5MHz

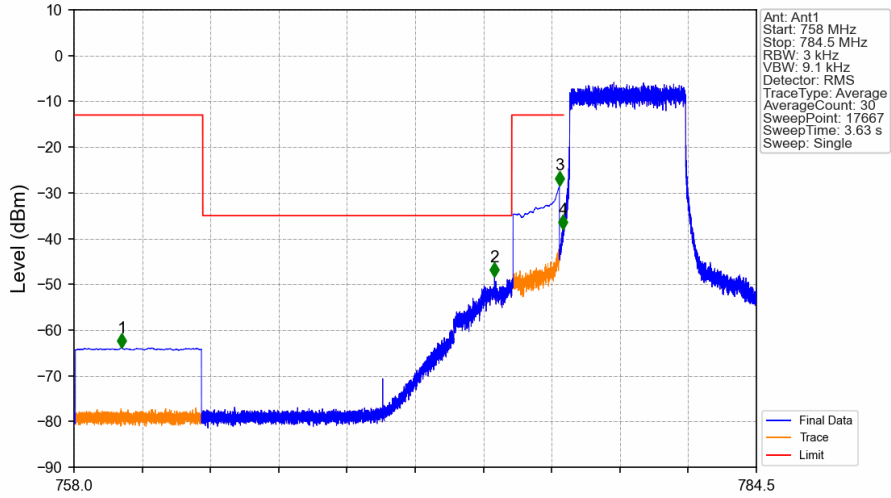
6.1.1 Test Result

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
		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 Test Graph

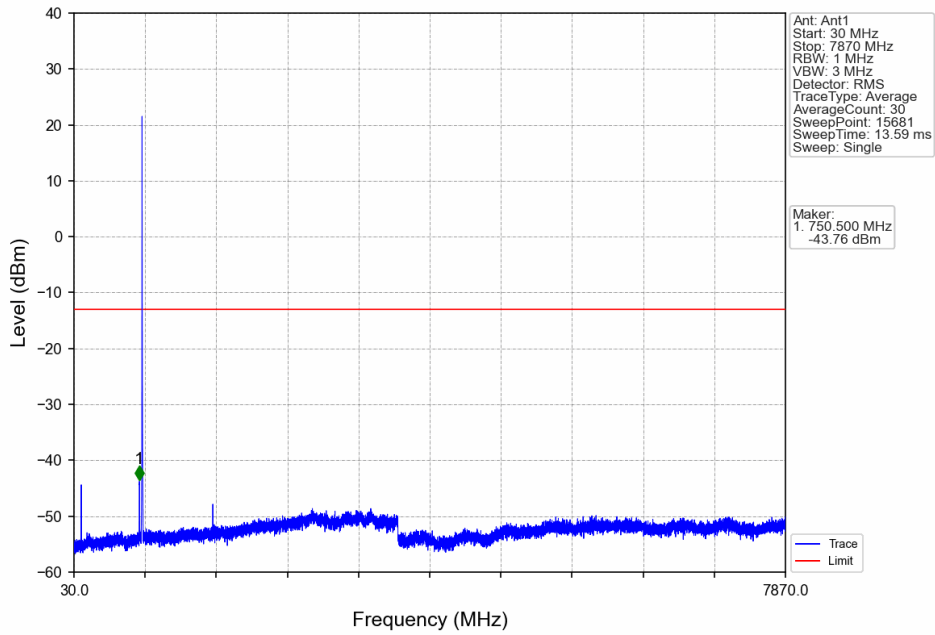


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

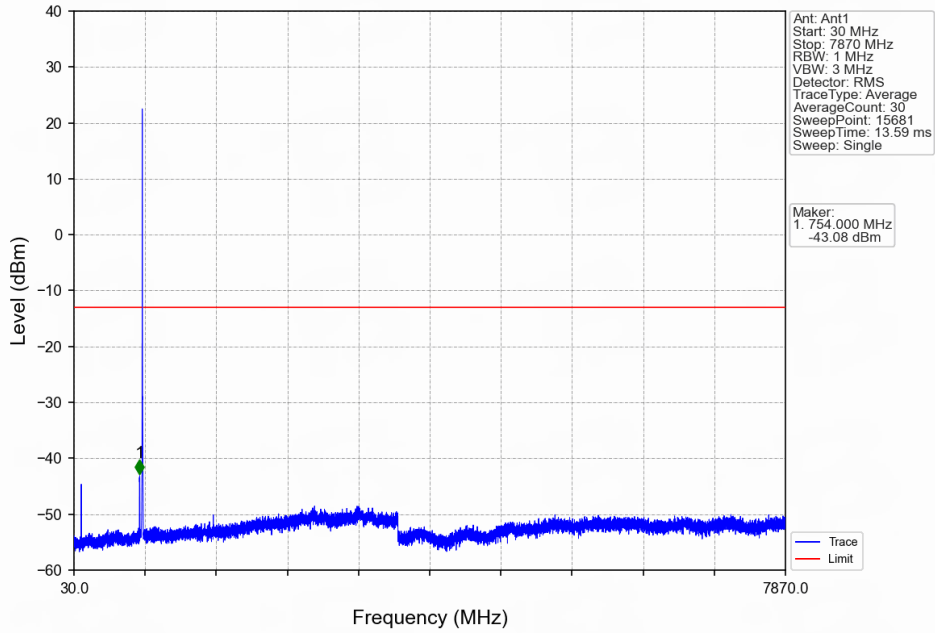


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.856	-63.91	-13	Pass
763	775	0.00625	/	2	774.331	-48.45	-35	Pass
775	776.9	0.1	CHP	3	776.850	-28.36	-13	Pass
776.9	777	0.03	/	4	776.991	-37.95	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

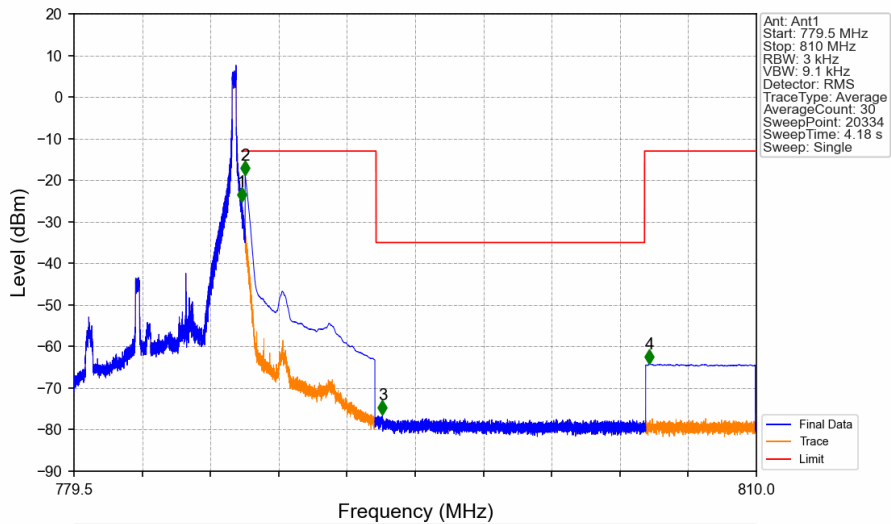
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

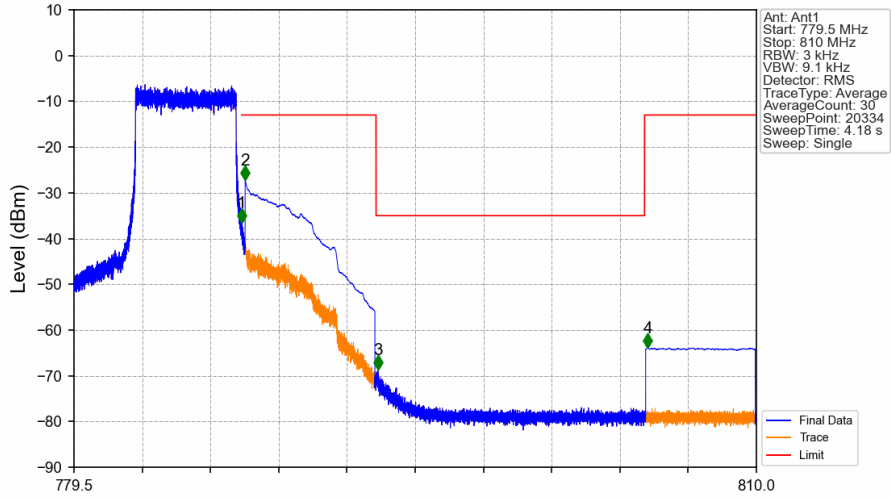


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



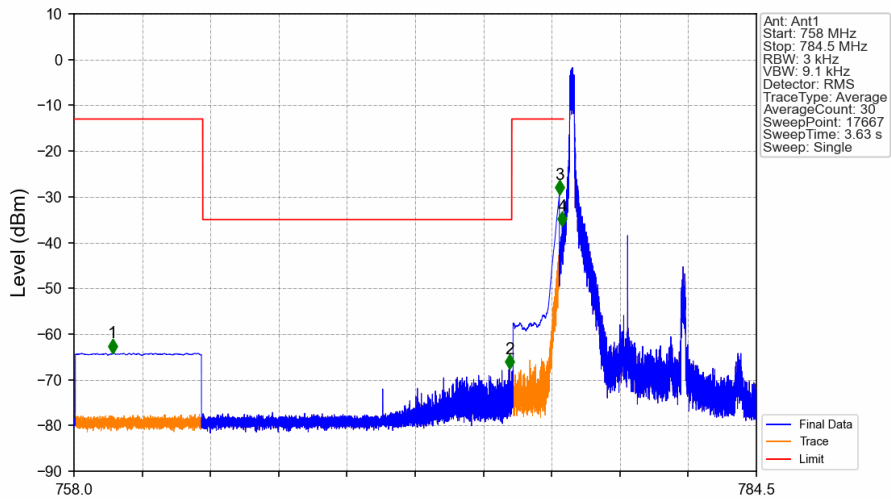
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-25.28	-13	Pass
787.1	793	0.1	CHP	2	787.150	-18.82	-13	Pass
793	805	0.00625	/	3	793.290	-76.44	-35	Pass
805	810	0.1	CHP	4	805.209	-64.22	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



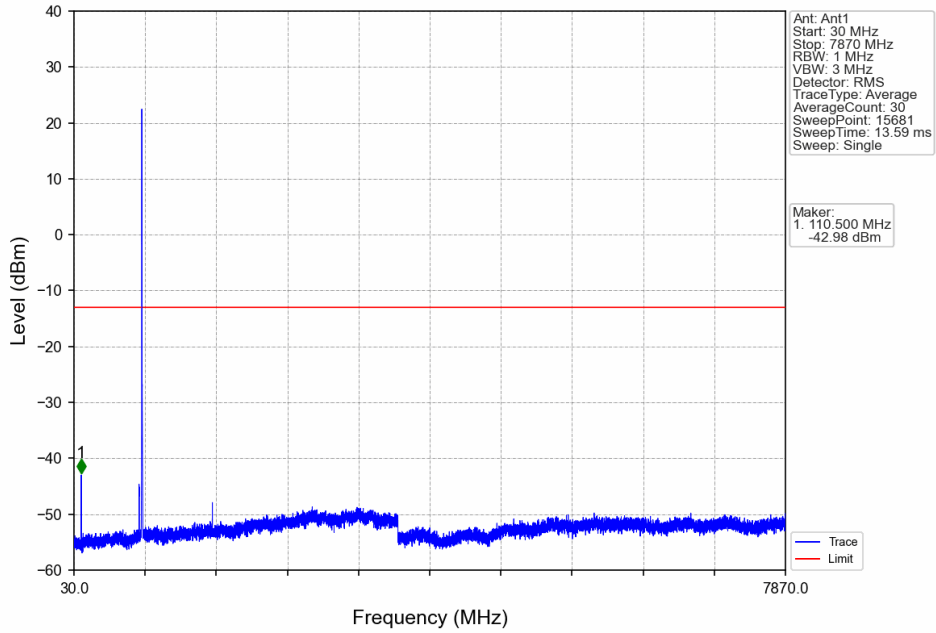
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-36.62	-13	Pass
787.1	793	0.1	CHP	2	787.150	-27.24	-13	Pass
793	805	0.00625	/	3	793.087	-68.65	-35	Pass
805	810	0.1	CHP	4	805.150	-63.92	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

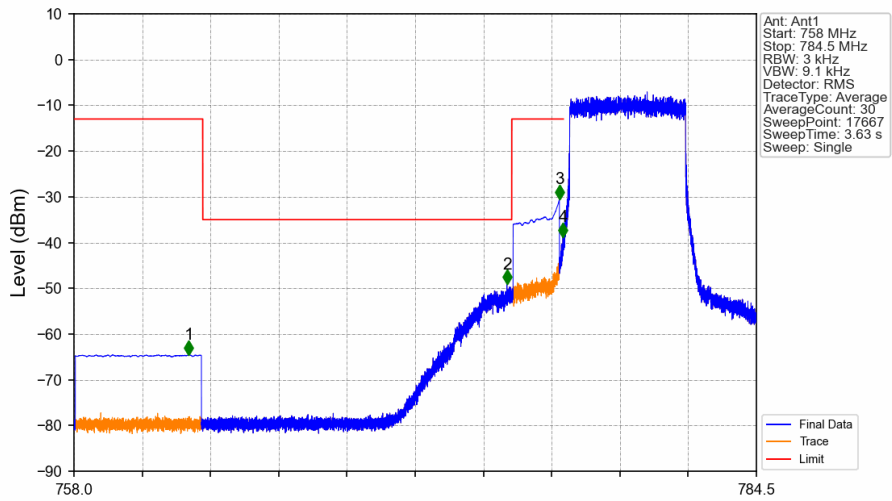


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.499	-64.18	-13	Pass
763	775	0.00625	/	2	774.912	-67.57	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.45	-13	Pass
776.9	777	0.03	/	4	776.961	-36.42	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

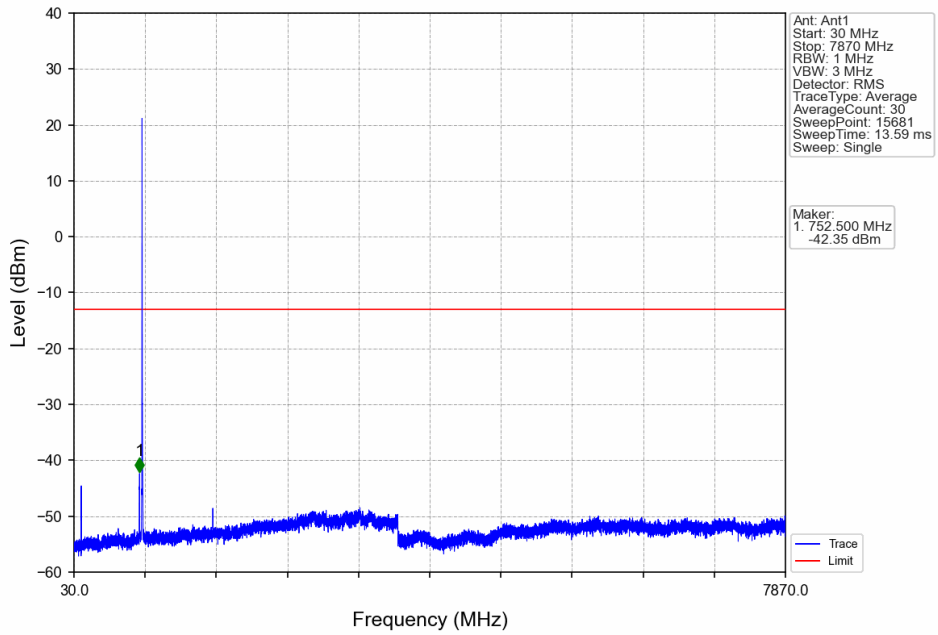


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

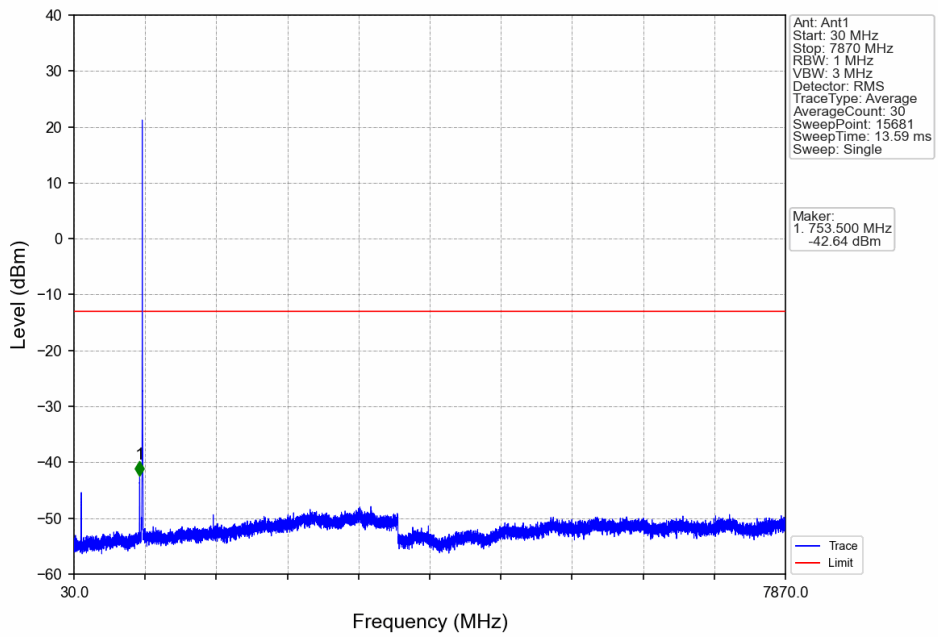


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.461	-64.51	-13	Pass
763	775	0.00625	/	2	774.811	-49.03	-35	Pass
775	776.9	0.1	CHP	3	776.850	-30.49	-13	Pass
776.9	777	0.03	/	4	776.988	-38.78	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

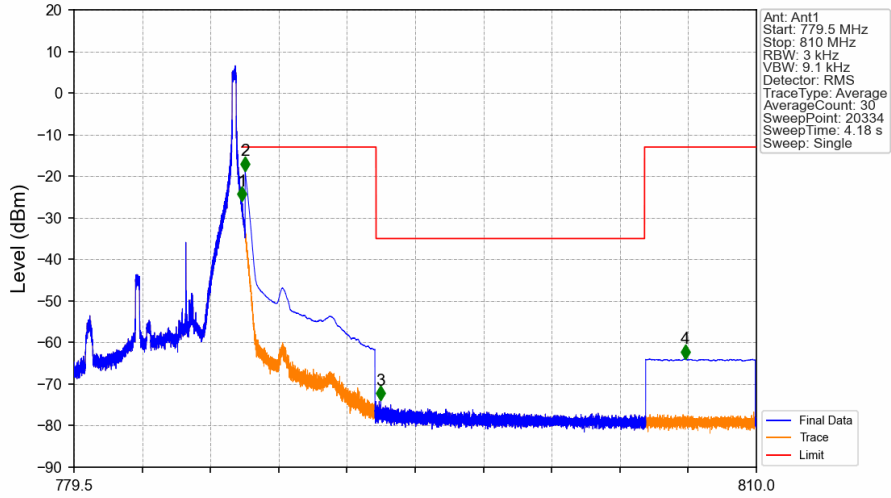
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

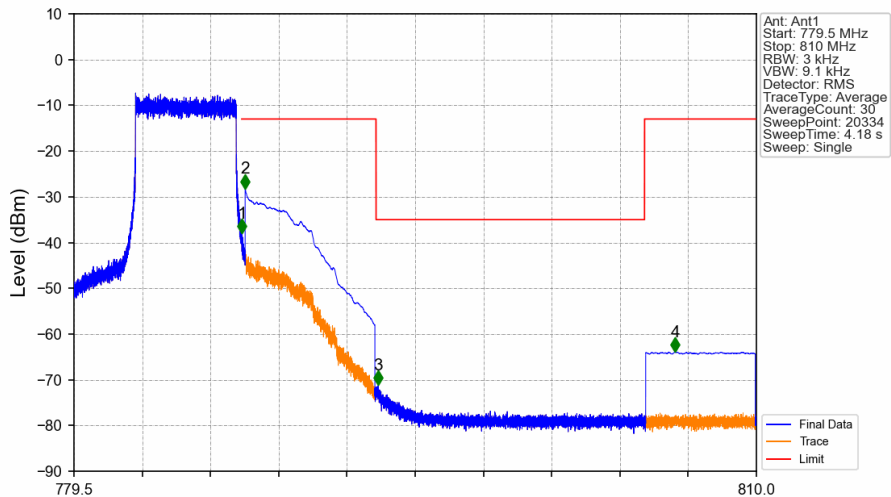


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.002	-25.96	-13	Pass
787.1	793	0.1	CHP	2	787.150	-18.73	-13	Pass
793	805	0.00625	/	3	793.215	-73.95	-35	Pass
805	810	0.1	CHP	4	806.821	-63.92	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



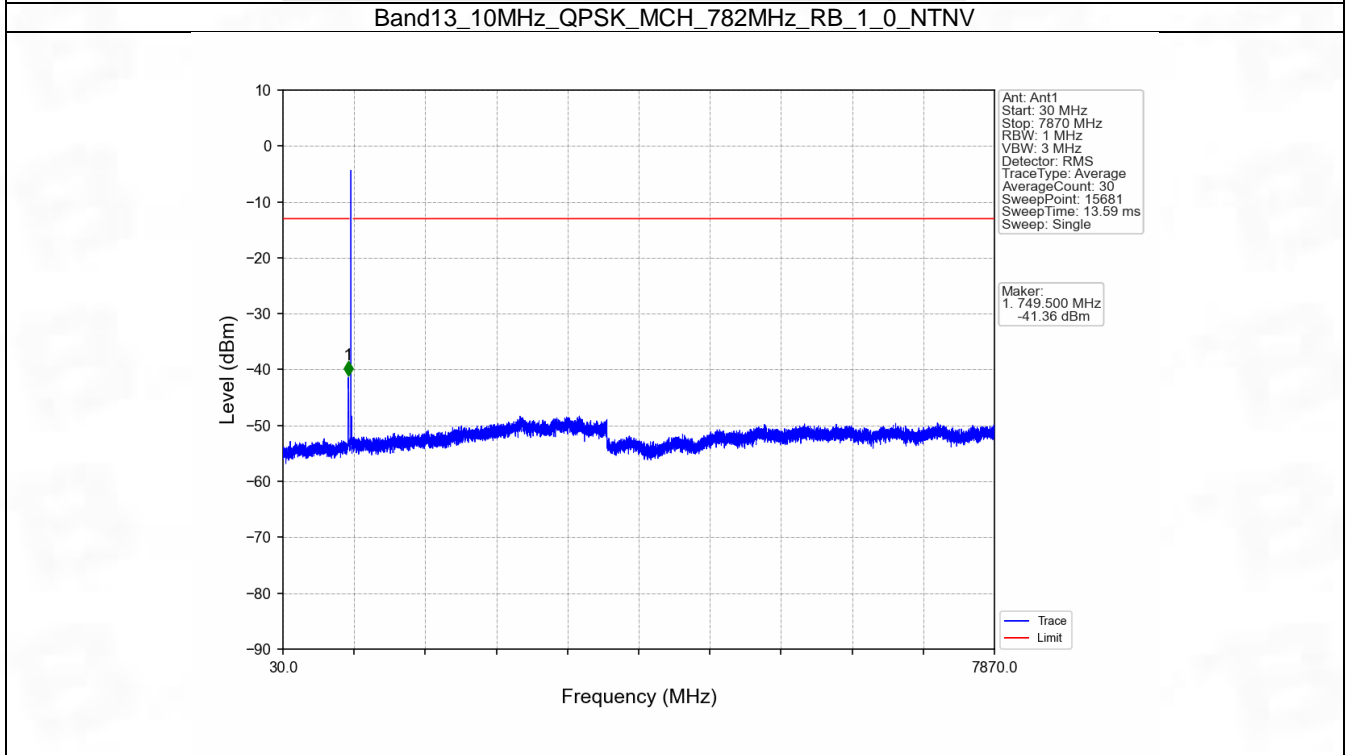
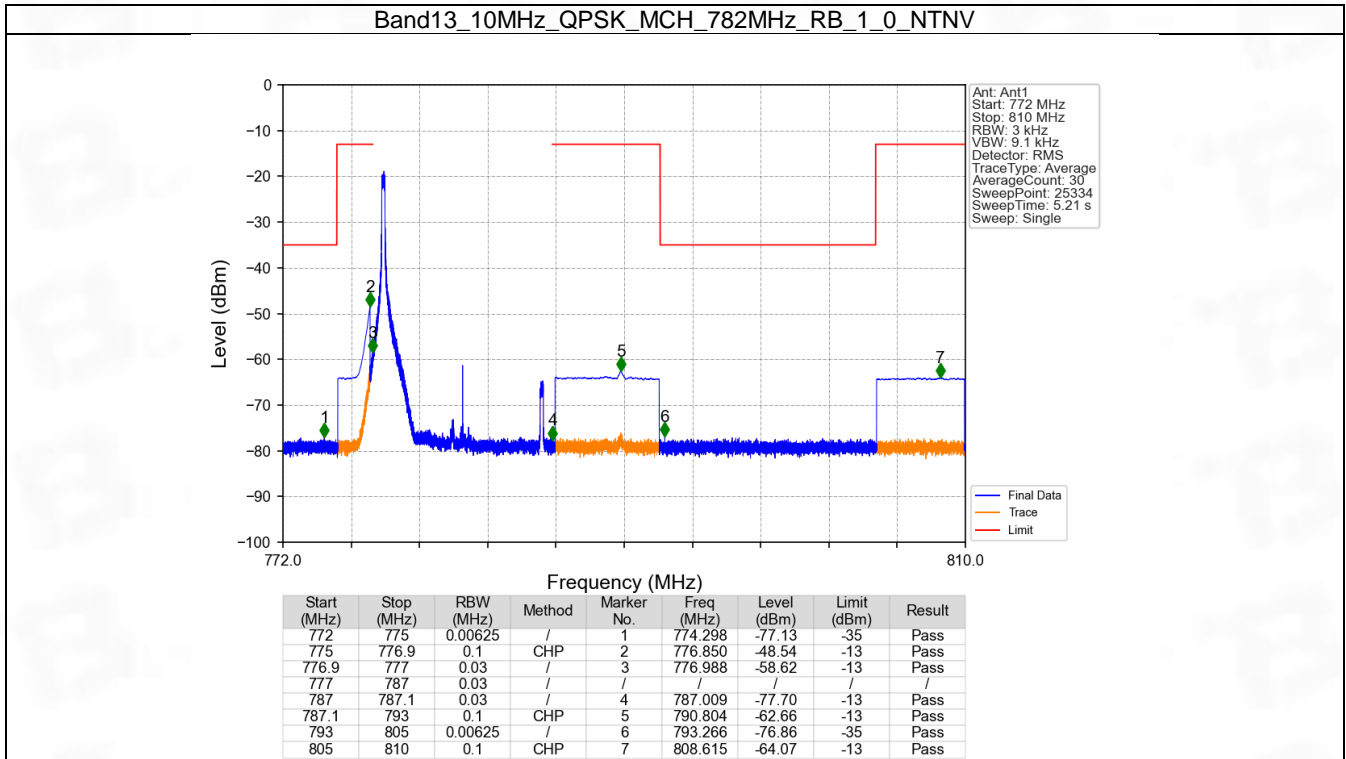
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.015	-37.99	-13	Pass
787.1	793	0.1	CHP	2	787.150	-28.19	-13	Pass
793	805	0.00625	/	3	793.104	-71.20	-35	Pass
805	810	0.1	CHP	4	806.371	-63.93	-13	Pass

6.2 B13_10MHz

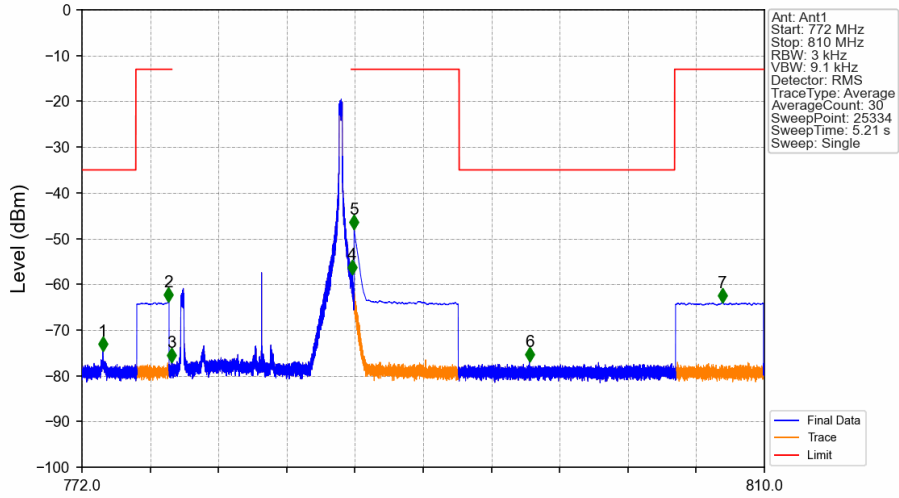
6.2.1 Test Result

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	
			49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
16QAM	782	1	0	Refer To Test Graph	Pass	
			49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	

6.2.2 Test Graph

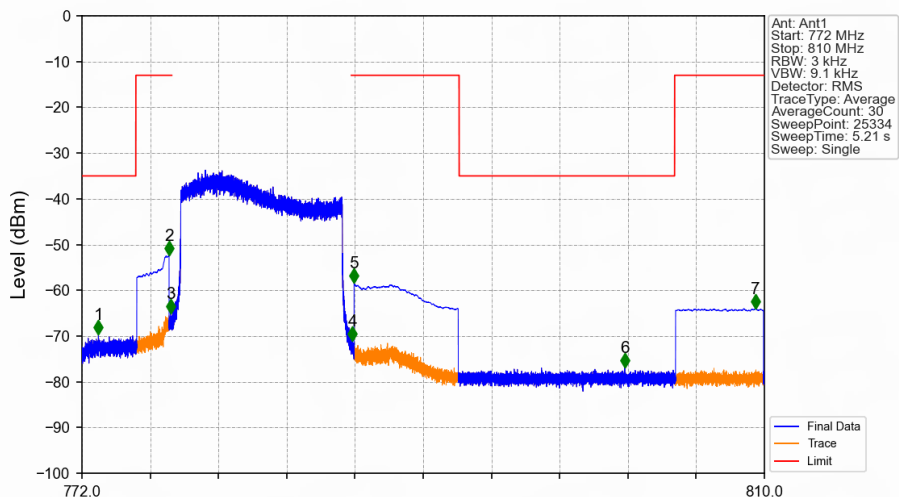


Band13_10MHz_QPSK_MCH_782MHz_RB_1_49_NTNV



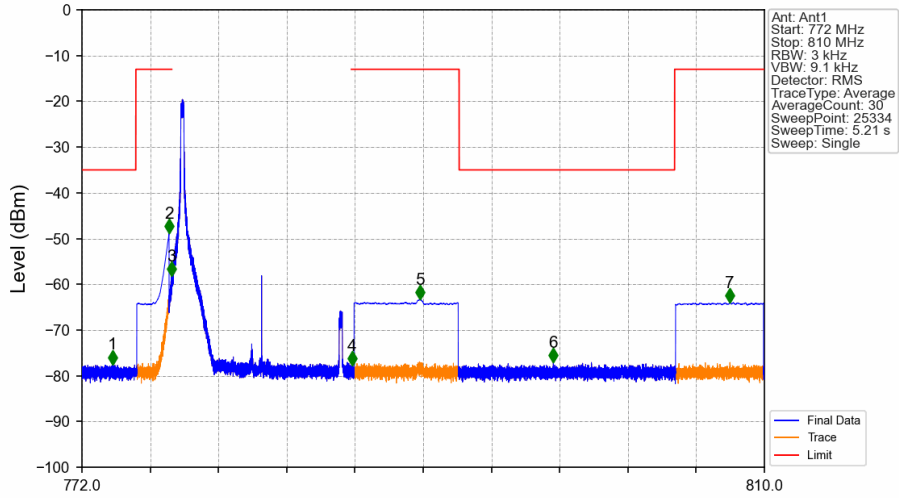
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-74.55	-35	Pass
775	776.9	0.1	CHP	2	776.821	-63.89	-13	Pass
776.9	777	0.03	/	3	776.970	-77.03	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.030	-57.83	-13	Pass
787.1	793	0.1	CHP	5	787.150	-47.92	-13	Pass
793	805	0.00625	/	6	796.912	-76.88	-35	Pass
805	810	0.1	CHP	7	807.658	-63.99	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



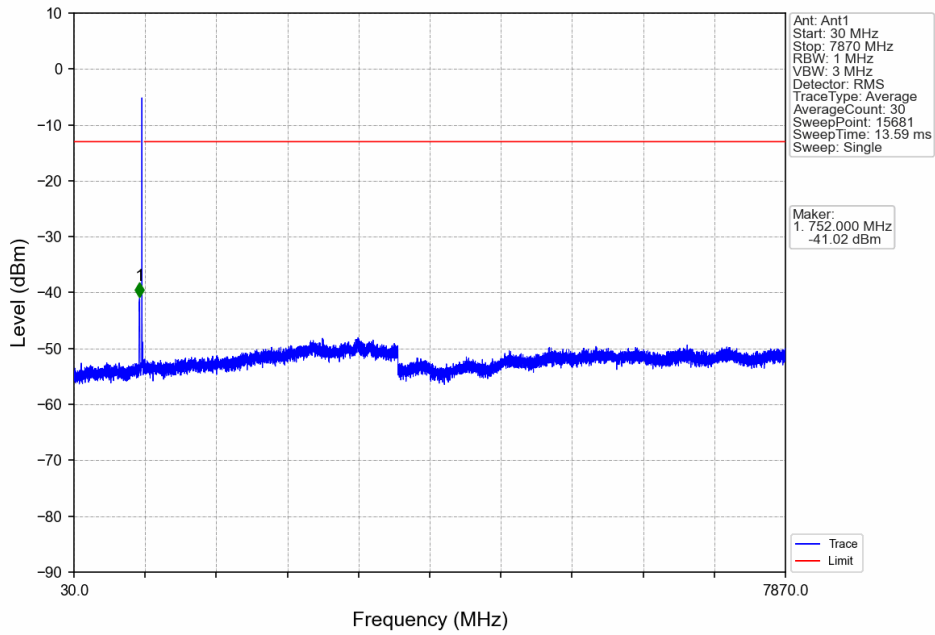
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	772.917	-69.71	-35	Pass
775	776.9	0.1	CHP	2	776.845	-52.41	-13	Pass
776.9	777	0.03	/	3	776.925	-65.06	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.060	-71.08	-13	Pass
787.1	793	0.1	CHP	5	787.150	-58.40	-13	Pass
793	805	0.00625	/	6	802.224	-76.89	-35	Pass
805	810	0.1	CHP	7	809.503	-64.02	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.694	-77.51	-35	Pass
775	776.9	0.1	CHP	2	776.850	-48.90	-13	Pass
776.9	777	0.03	/	3	776.986	-58.23	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.041	-77.73	-13	Pass
787.1	793	0.1	CHP	5	790.834	-63.28	-13	Pass
793	805	0.00625	/	6	798.249	-77.06	-35	Pass
805	810	0.1	CHP	7	808.081	-64.00	-13	Pass

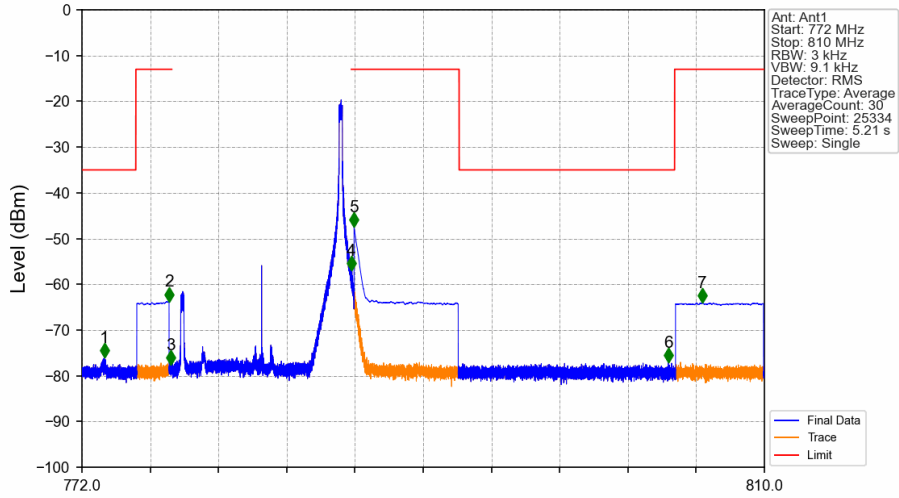
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Ant: Ant1
 Start: 30 MHz
 Stop: 7870 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 15681
 Sweep Time: 13.59 ms
 Sweep: Single

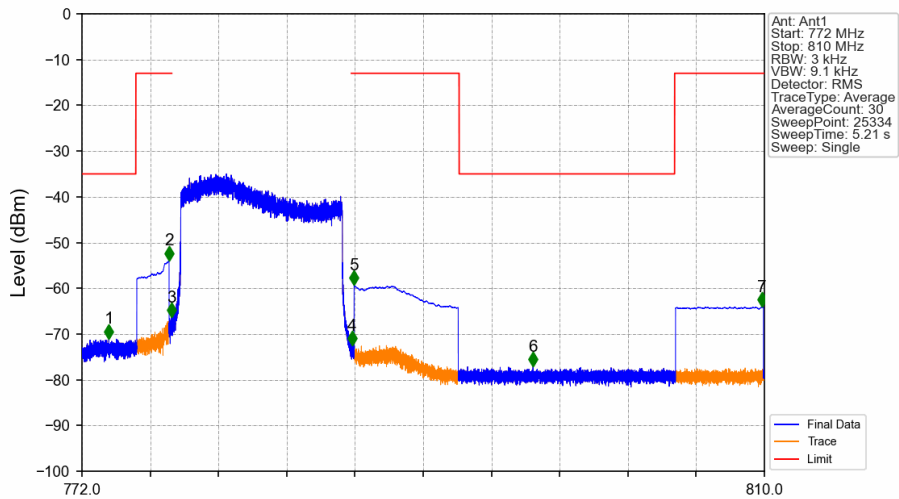
Marker:
 1: 752.000 MHz
 -41.02 dBm

Band13_10MHz_16QAM_MCH_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	/	1	773.244	-75.97	-35	Pass
775	776.9	0.1	CHP	2	776.850	-63.78	-13	Pass
776.9	777	0.03	/	3	776.943	-77.56	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-56.94	-13	Pass
787.1	793	0.1	CHP	5	787.150	-47.49	-13	Pass
793	805	0.00625	/	6	804.645	-77.14	-35	Pass
805	810	0.1	CHP	7	806.544	-64.04	-13	Pass

Band13_10MHz_16QAM_MCH_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	/	1	773.499	-71.01	-35	Pass
775	776.9	0.1	CHP	2	776.850	-53.90	-13	Pass
776.9	777	0.03	/	3	776.985	-66.39	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.039	-72.51	-13	Pass
787.1	793	0.1	CHP	5	787.153	-59.29	-13	Pass
793	805	0.00625	/	6	797.116	-77.15	-35	Pass
805	810	0.1	CHP	7	809.860	-64.08	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.1968	0.0125	ppm	4M59G7D	27F	22.94
13	5	779.5	784.5	0.1648	0.0155	ppm	4M58W7D	27F	22.17
13	10	782	782	0.2265	0.0113	ppm	9M08G7D	27F	23.55
13	10	782	782	0.1641	0.0095	ppm	9M04W7D	27F	22.15

7.2 Form731_ERP

7.2.1 Test Result

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	0.0536	0.0125	ppm	4M59G7D	27F	17.29
13	5	779.5	784.5	0.0449	0.0155	ppm	4M58W7D	27F	16.52
13	10	782	782	0.0617	0.0113	ppm	9M08G7D	27F	17.90
13	10	782	782	0.0447	0.0095	ppm	9M04W7D	27F	16.50