

1. Effective (Isotropic) Radiated Power Output Data

1.1 B13_5MHz_ERP

1.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	779.5	1	0	21.52	-0.83	18.54	<=34.77	Pass		
			13	21.68	-0.83	18.70	<=34.77	Pass		
			24	21.55	-0.83	18.57	<=34.77	Pass		
		12	0	20.54	-0.83	17.56	<=34.77	Pass		
			6	20.63	-0.83	17.65	<=34.77	Pass		
			13	20.57	-0.83	17.59	<=34.77	Pass		
		25	0	20.58	-0.83	17.60	<=34.77	Pass		
		782	1	0	21.51	-0.83	18.53	<=34.77	Pass	
				13	21.64	-0.83	18.66	<=34.77	Pass	
	24			21.55	-0.83	18.57	<=34.77	Pass		
	12		0	20.54	-0.83	17.56	<=34.77	Pass		
			6	20.64	-0.83	17.66	<=34.77	Pass		
			13	20.58	-0.83	17.60	<=34.77	Pass		
	25		0	20.58	-0.83	17.60	<=34.77	Pass		
	784.5		1	0	21.55	-0.83	18.57	<=34.77	Pass	
				13	21.62	-0.83	18.64	<=34.77	Pass	
		24		21.50	-0.83	18.52	<=34.77	Pass		
		12	0	20.58	-0.83	17.60	<=34.77	Pass		
			6	20.61	-0.83	17.63	<=34.77	Pass		
			13	20.57	-0.83	17.59	<=34.77	Pass		
		25	0	20.59	-0.83	17.61	<=34.77	Pass		
		16QAM	779.5	1	0	20.40	-0.83	17.42	<=34.77	Pass
					13	20.50	-0.83	17.52	<=34.77	Pass
	24				20.43	-0.83	17.45	<=34.77	Pass	
12	0			19.55	-0.83	16.57	<=34.77	Pass		
	6			19.63	-0.83	16.65	<=34.77	Pass		
	13			19.52	-0.83	16.54	<=34.77	Pass		
25	0			19.60	-0.83	16.62	<=34.77	Pass		
782	1			0	20.58	-0.83	17.60	<=34.77	Pass	
				13	20.72	-0.83	17.74	<=34.77	Pass	
			24	20.60	-0.83	17.62	<=34.77	Pass		
	12		0	19.60	-0.83	16.62	<=34.77	Pass		
			6	19.66	-0.83	16.68	<=34.77	Pass		
			13	19.57	-0.83	16.59	<=34.77	Pass		
	25		0	19.57	-0.83	16.59	<=34.77	Pass		
	784.5		1	0	20.75	-0.83	17.77	<=34.77	Pass	
				13	20.81	-0.83	17.83	<=34.77	Pass	
24				20.75	-0.83	17.77	<=34.77	Pass		
12			0	19.64	-0.83	16.66	<=34.77	Pass		
			6	19.65	-0.83	16.67	<=34.77	Pass		
			13	19.62	-0.83	16.64	<=34.77	Pass		
25			0	19.55	-0.83	16.57	<=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 / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	782	1	0	22.14	-0.83	19.16	<=34.77	Pass		
			25	22.32	-0.83	19.34	<=34.77	Pass		
			49	22.15	-0.83	19.17	<=34.77	Pass		
		25	0	21.15	-0.83	18.17	<=34.77	Pass		
			13	21.16	-0.83	18.18	<=34.77	Pass		
			25	21.15	-0.83	18.17	<=34.77	Pass		
		50	0	21.17	-0.83	18.19	<=34.77	Pass		
		16QAM	782	1	0	21.13	-0.83	18.15	<=34.77	Pass
					25	21.27	-0.83	18.29	<=34.77	Pass
49	21.10				-0.83	18.12	<=34.77	Pass		
25	0			20.23	-0.83	17.25	<=34.77	Pass		
	13			20.23	-0.83	17.25	<=34.77	Pass		
	25			20.23	-0.83	17.25	<=34.77	Pass		
50	0			20.14	-0.83	17.16	<=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	-10.757	-0.0138	-2.5 to 2.5	Pass	
					3.85	-5.994	-0.0077	-2.5 to 2.5	Pass	
					4.43	-6.638	-0.0085	-2.5 to 2.5	Pass	
				-30	3.85	-6.094	-0.0078	-2.5 to 2.5	Pass	
					-20	3.85	-5.822	-0.0075	-2.5 to 2.5	Pass
						-10	3.85	-3.490	-0.0045	-2.5 to 2.5
				0	3.85	-2.289	-0.0029	-2.5 to 2.5	Pass	
					10	3.85	-7.539	-0.0097	-2.5 to 2.5	Pass
					30	3.85	-5.522	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-36.936	-0.0474	-2.5 to 2.5	Pass	
					50	3.85	-8.640	-0.0111	-2.5 to 2.5	Pass
						3.85	-4.764	-0.0061	-2.5 to 2.5	Pass
	782	25	0	20	3.85	-11.101	-0.0142	-2.5 to 2.5	Pass	
					4.43	-13.404	-0.0171	-2.5 to 2.5	Pass	
					-30	3.85	-6.809	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-6.981	-0.0089	-2.5 to 2.5	Pass	
					-10	3.85	-9.727	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-9.241	-0.0118	-2.5 to 2.5	Pass	
					10	3.85	-9.241	-0.0118	-2.5 to 2.5	Pass
					30	3.85	-4.864	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-8.426	-0.0108	-2.5 to 2.5	Pass	
					50	3.85	-4.778	-0.0061	-2.5 to 2.5	Pass
						3.85	0.215	0.0003	-2.5 to 2.5	Pass
				784.5	25	0	20	3.85	-0.758	-0.0010

					4.43	-10.529	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	-6.752	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-6.967	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-5.007	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-9.642	-0.0123	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-6.924	-0.0089	-2.5 to 2.5	Pass
					3.85	-8.183	-0.0105	-2.5 to 2.5	Pass
					4.43	-6.924	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-5.150	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-7.882	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-8.454	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0075	-2.5 to 2.5	Pass
	50	3.85	1.373	0.0018	-2.5 to 2.5	Pass			
	782	25	0	20	3.27	-3.548	-0.0045	-2.5 to 2.5	Pass
					3.85	-13.146	-0.0168	-2.5 to 2.5	Pass
					4.43	-9.127	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-9.027	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-8.354	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-6.666	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-5.879	-0.0075	-2.5 to 2.5	Pass
	50	3.85	-5.193	-0.0066	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.27	-6.580	-0.0084	-2.5 to 2.5	Pass
					3.85	-4.964	-0.0063	-2.5 to 2.5	Pass
					4.43	-3.448	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-9.413	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-6.738	-0.0086	-2.5 to 2.5	Pass
30				3.85	-7.510	-0.0096	-2.5 to 2.5	Pass	
40				3.85	-7.024	-0.0090	-2.5 to 2.5	Pass	
50	3.85	-6.680	-0.0085	-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	-4.792	-0.0061	-2.5 to 2.5	Pass
					3.85	-4.992	-0.0064	-2.5 to 2.5	Pass
					4.43	-6.151	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-5.407	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-6.766	-0.0087	-2.5 to 2.5	Pass

				-10	3.85	-6.495	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-6.580	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-7.596	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0057	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-5.708	-0.0073	-2.5 to 2.5	Pass
					3.85	-7.997	-0.0102	-2.5 to 2.5	Pass
					4.43	-4.520	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-8.683	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-8.368	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-8.225	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-6.208	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-4.435	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-6.995	-0.0089	-2.5 to 2.5	Pass

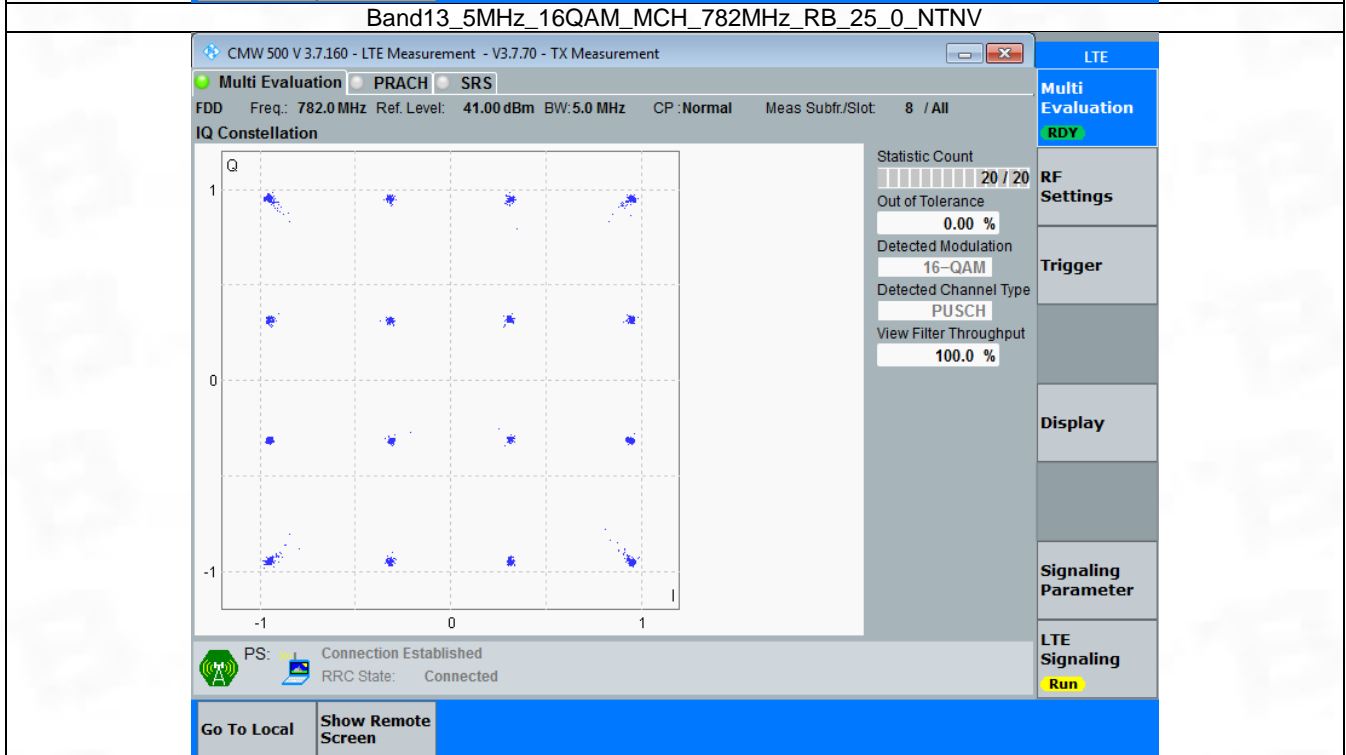
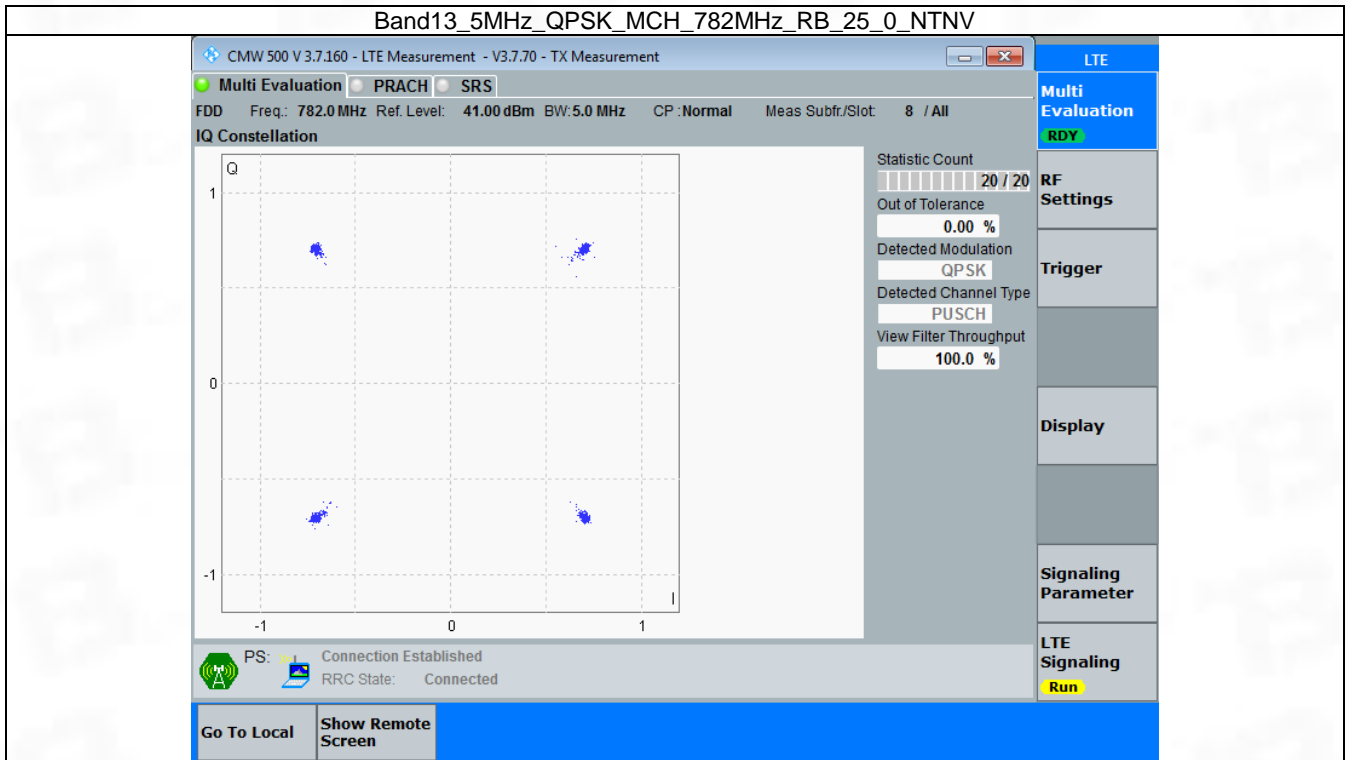
3. Modulation Characteristics

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

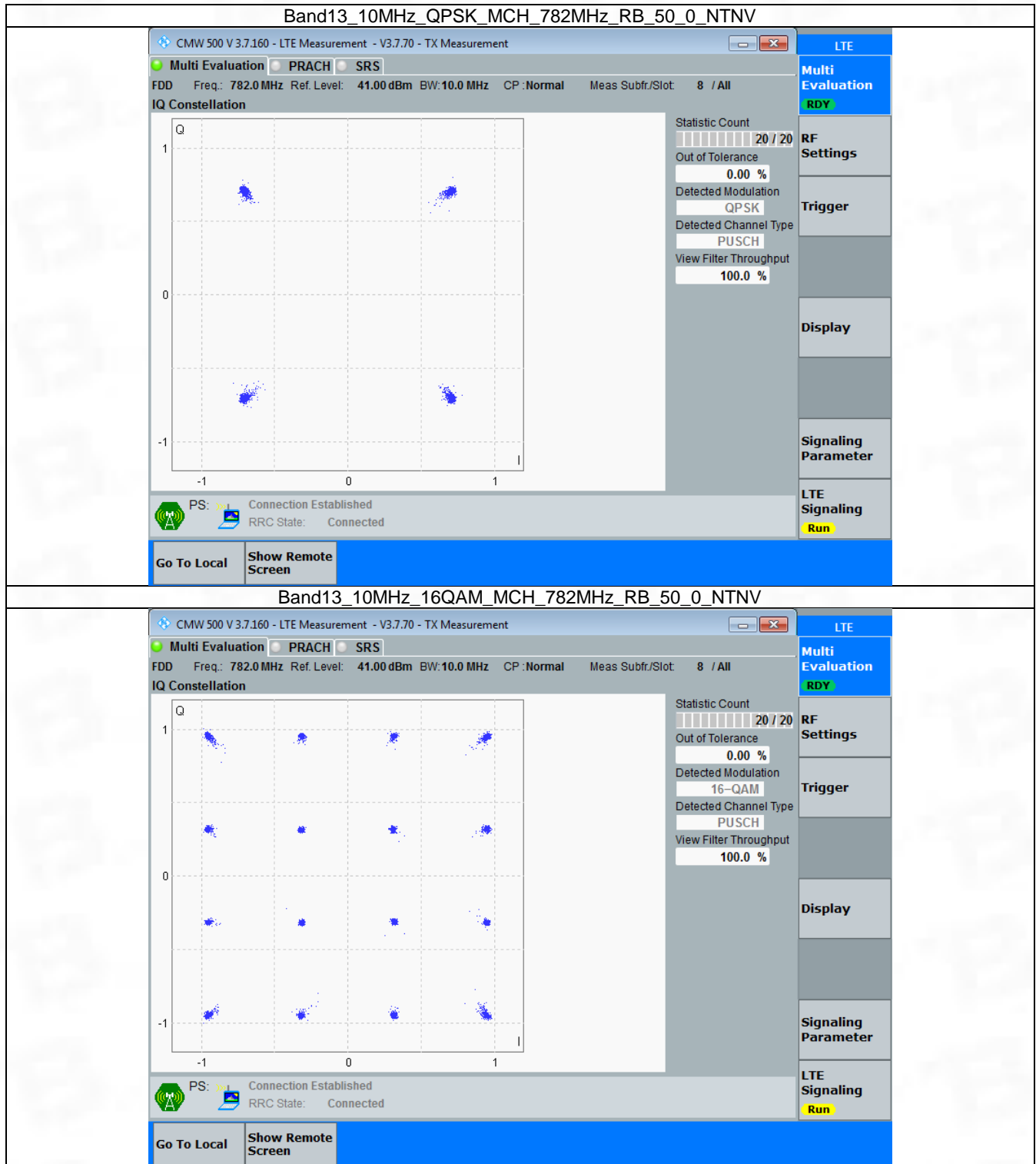


3.2 B13_10MHz

3.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / 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

3.2.2 Test Graph



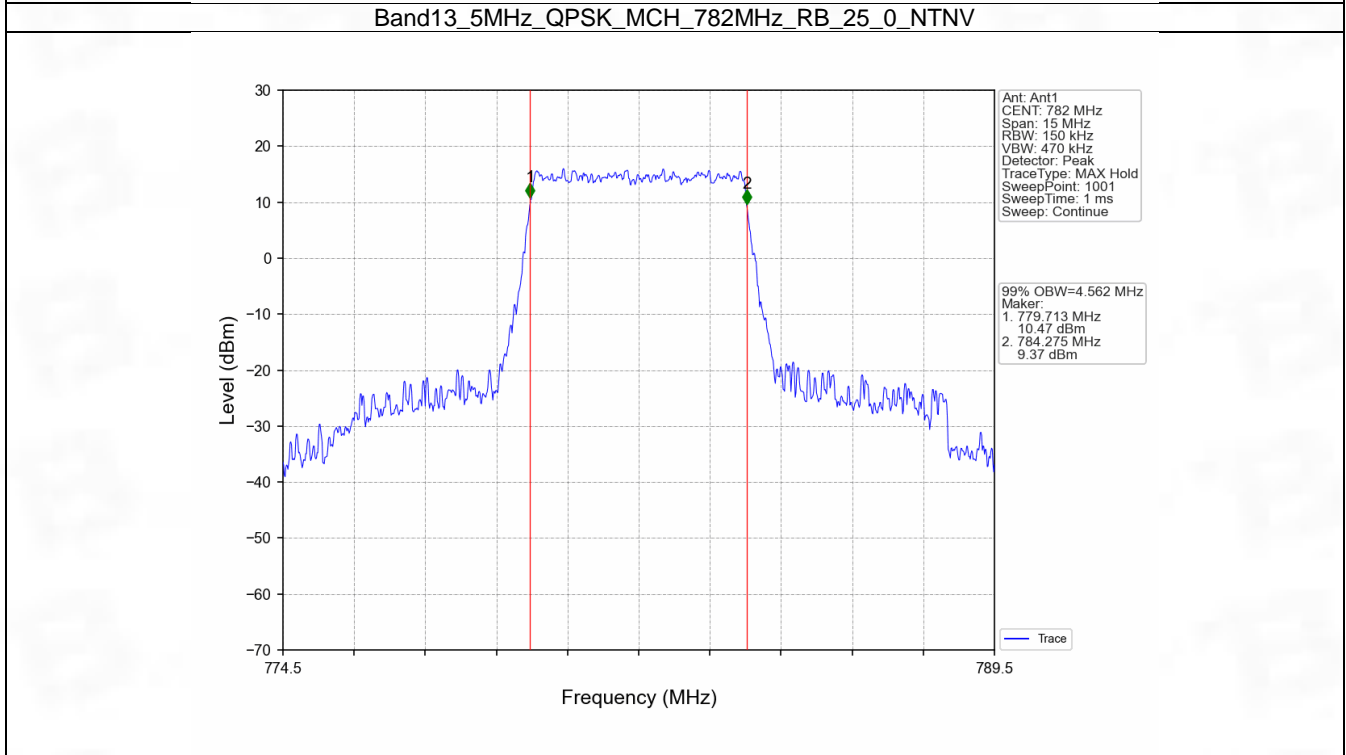
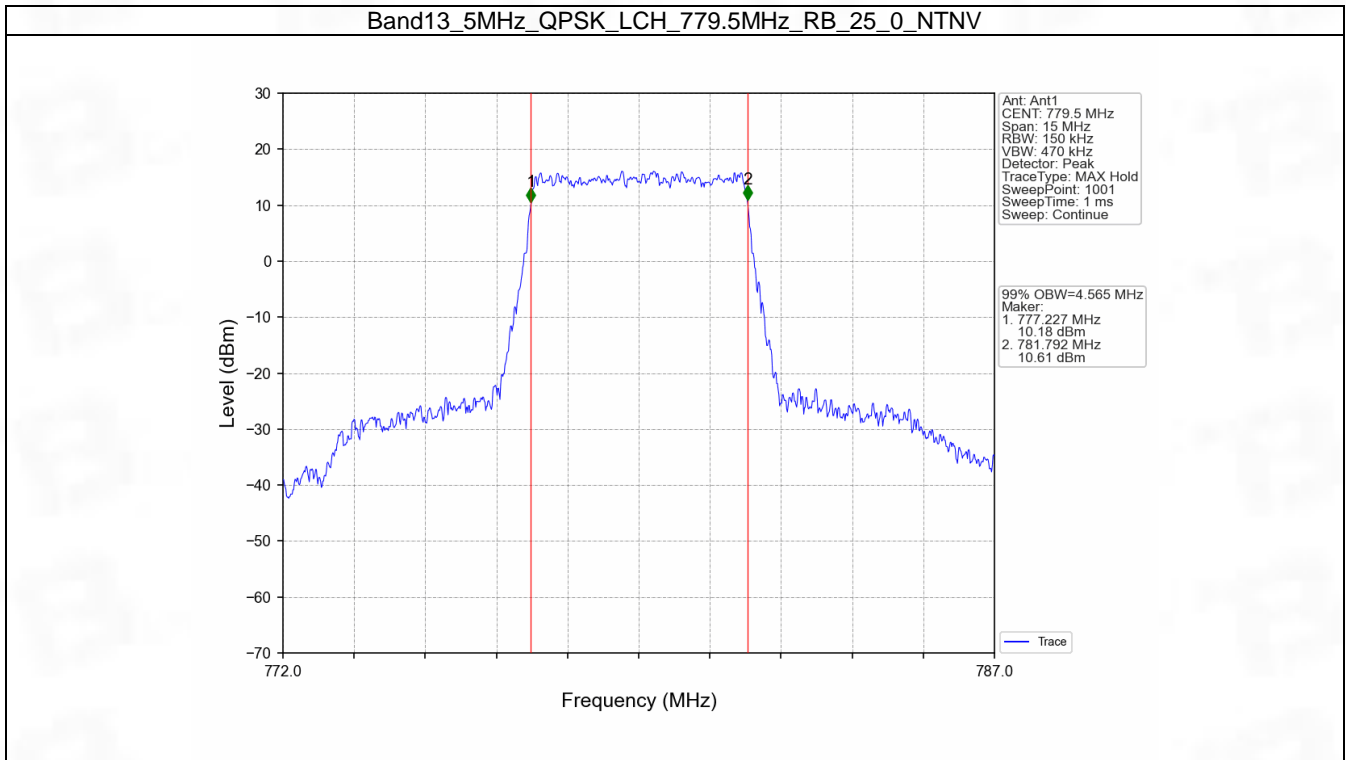
4. 99% & 26dB Bandwidth

4.1 Band13_OBW

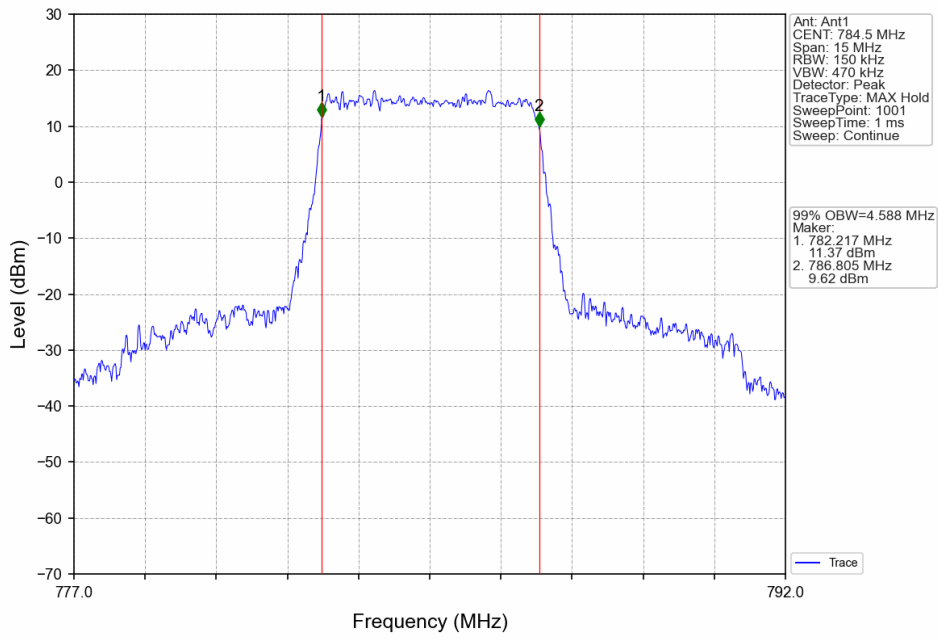
4.1.1 Test Result

Band: 13 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.565	/	Pass
		782	25	0	4.562	/	Pass
		784.5	25	0	4.588	/	Pass
	16QAM	779.5	25	0	4.585	/	Pass
		782	25	0	4.591	/	Pass
		784.5	25	0	4.566	/	Pass
10	QPSK	782	50	0	9.060	/	Pass
	16QAM	782	50	0	9.049	/	Pass

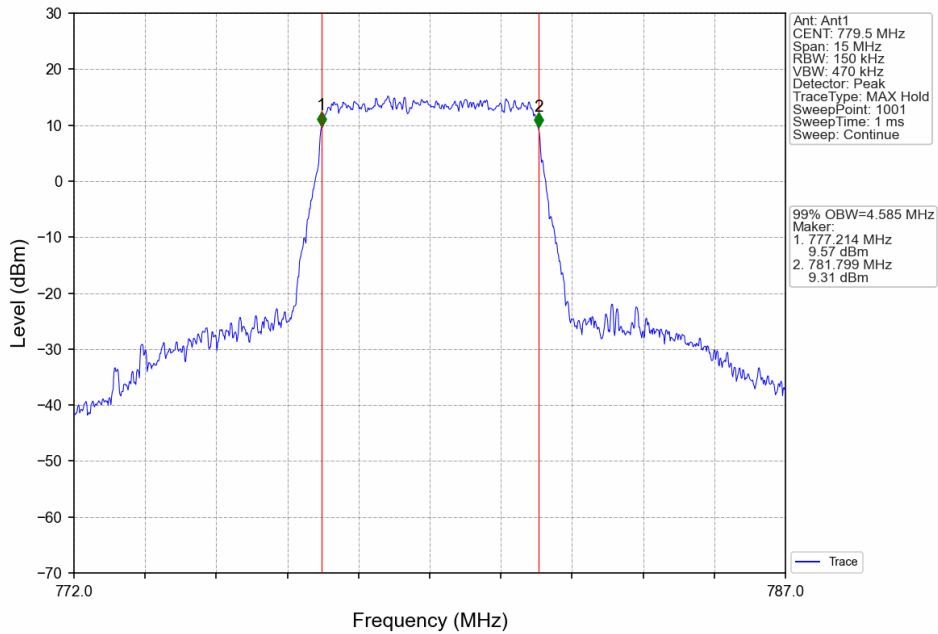
4.1.2 Test Graph



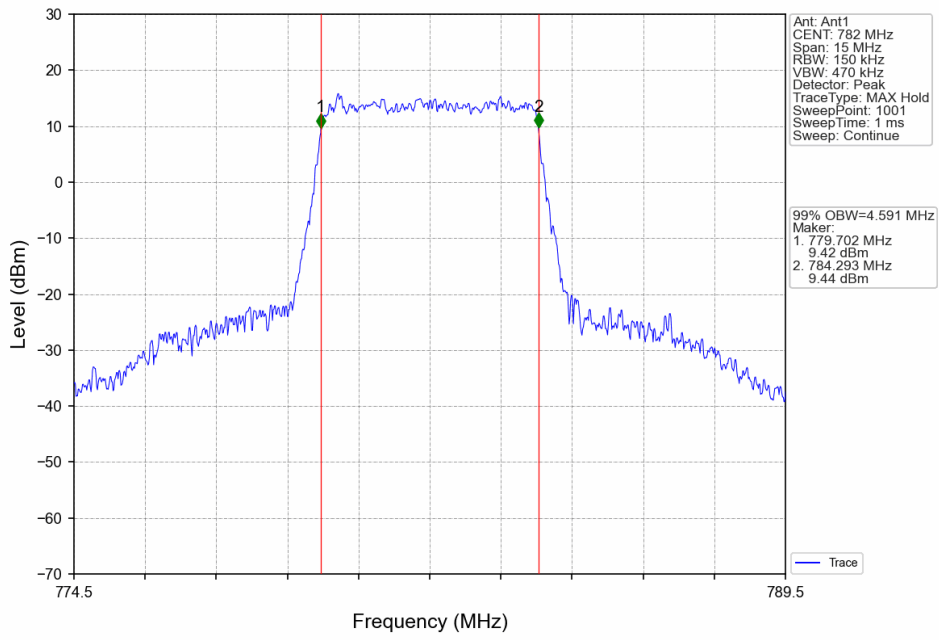
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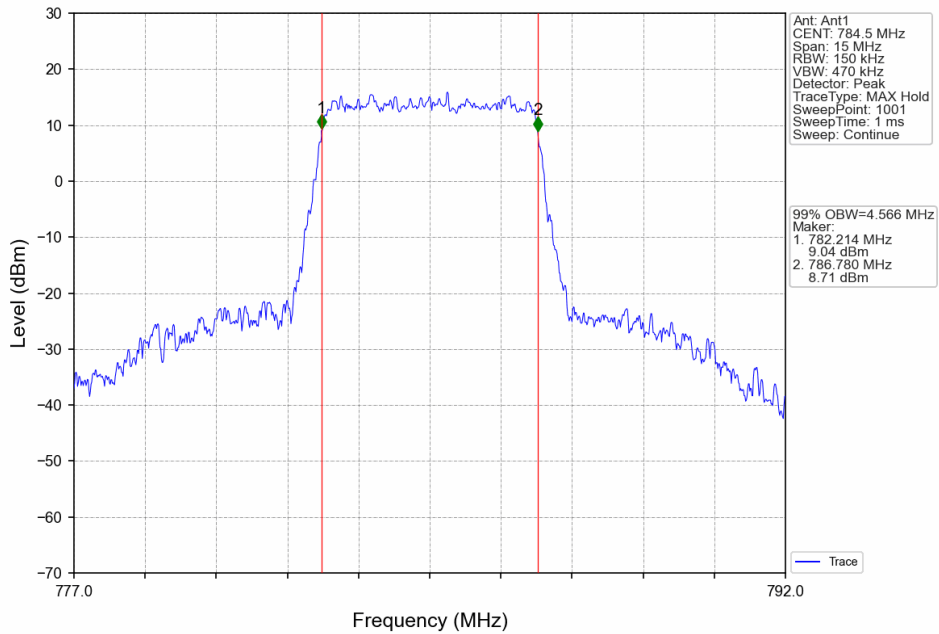
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



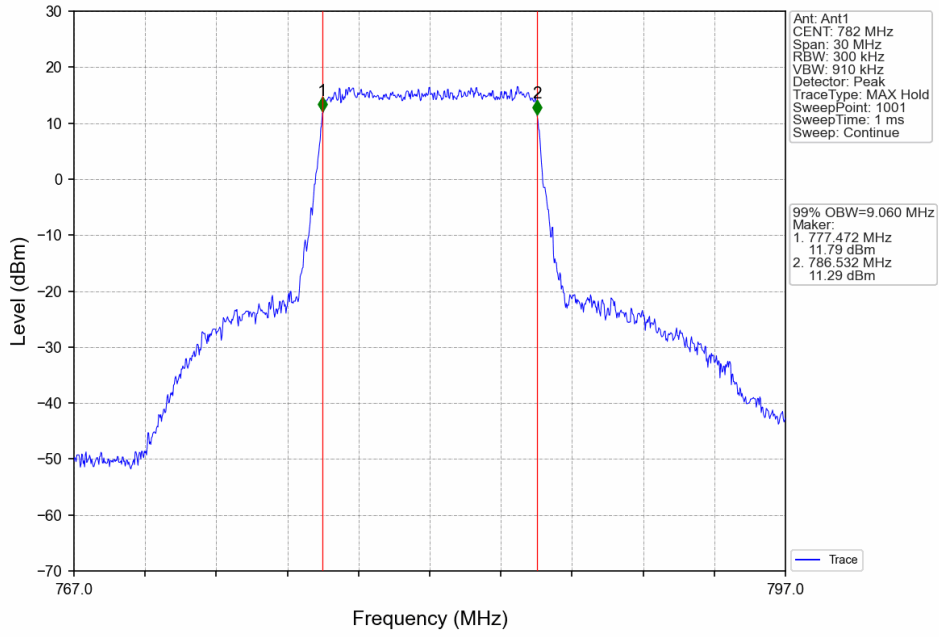
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



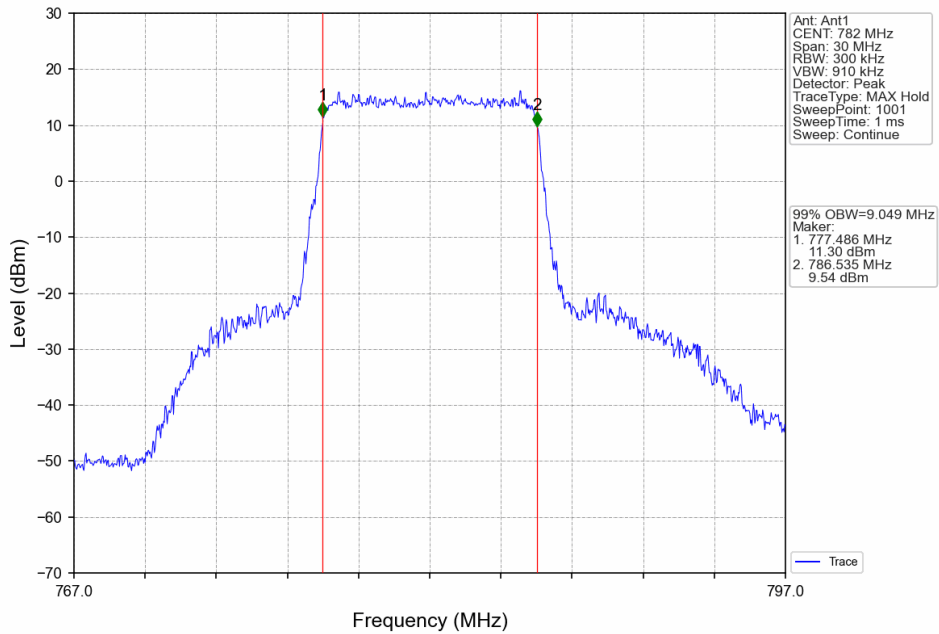
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

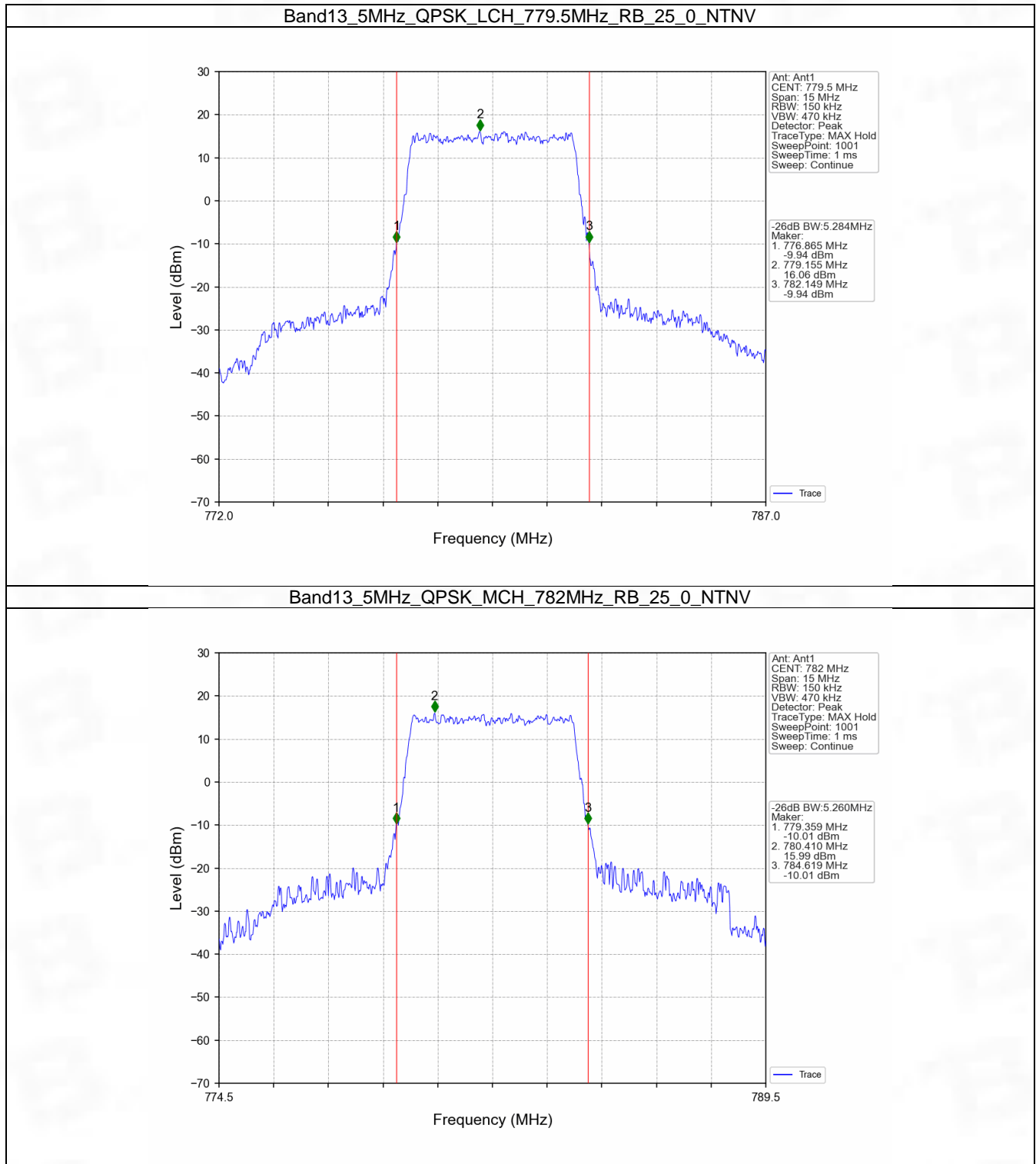


4.2 Band13_XDB

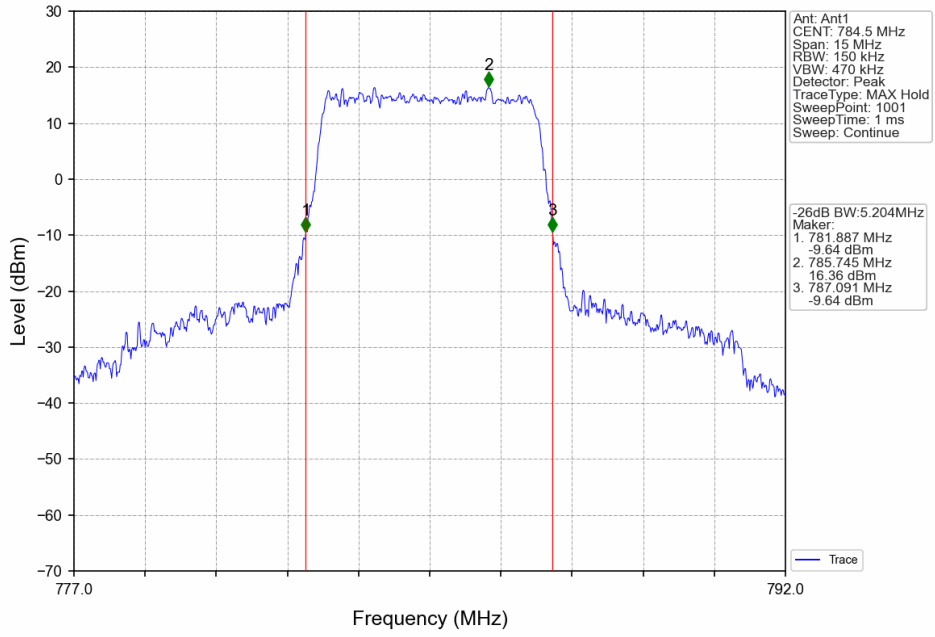
4.2.1 Test Result

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.284	/	Pass
		782	25	0	5.260	/	Pass
		784.5	25	0	5.204	/	Pass
	16QAM	779.5	25	0	5.314	/	Pass
		782	25	0	5.290	/	Pass
		784.5	25	0	5.243	/	Pass
10	QPSK	782	50	0	10.283	/	Pass
	16QAM	782	50	0	10.182	/	Pass

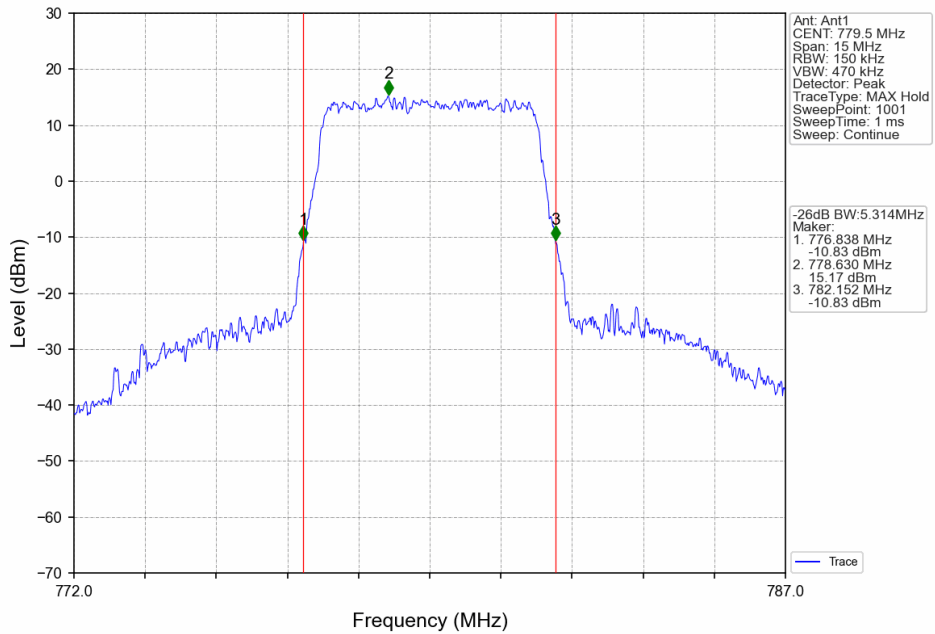
4.2.2 Test Graph



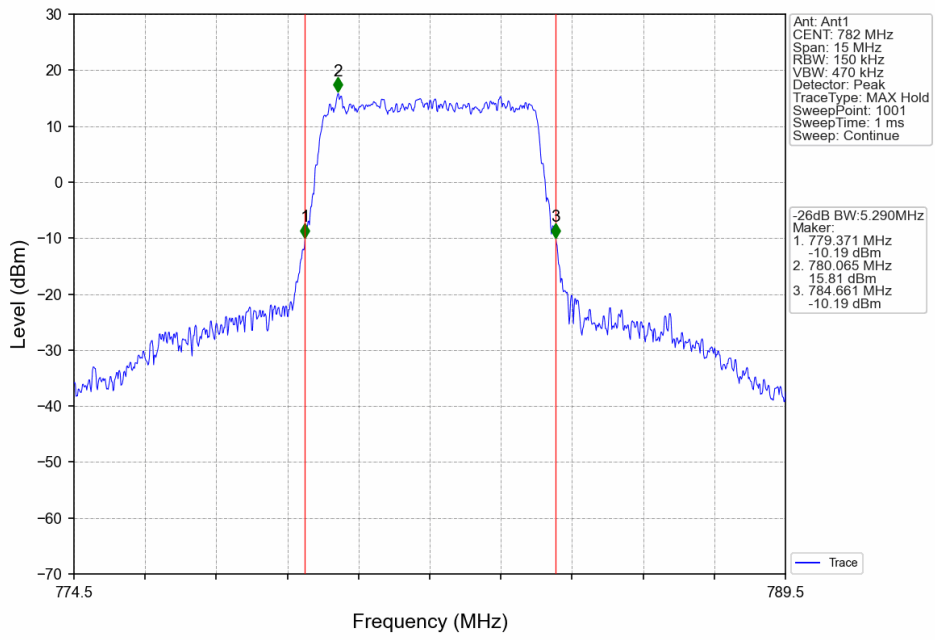
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



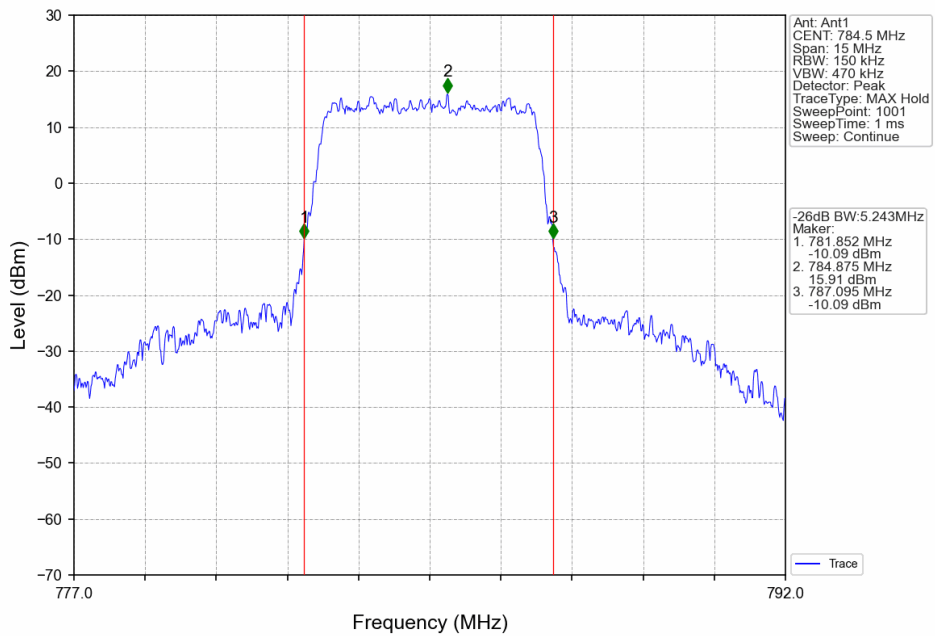
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



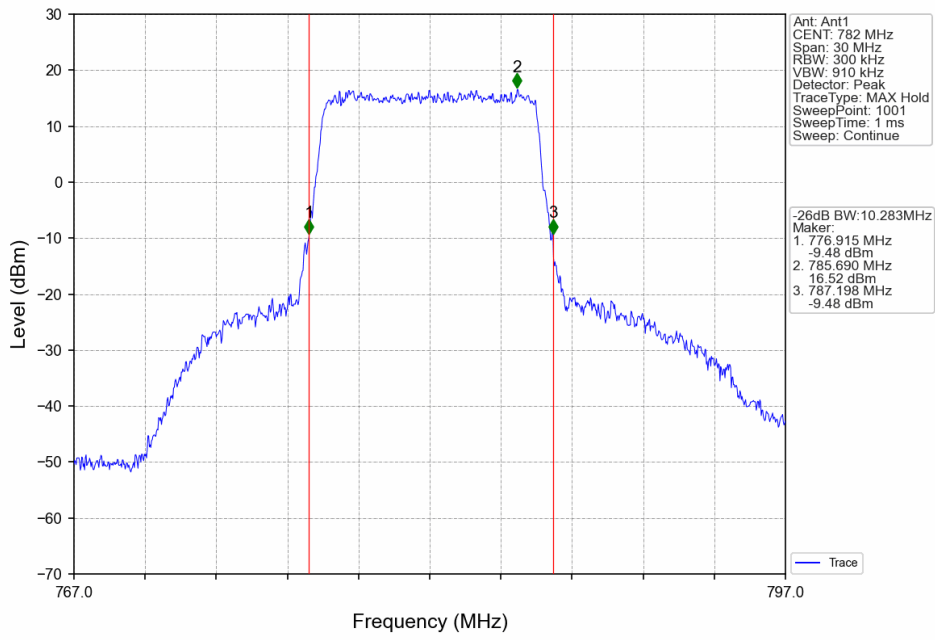
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



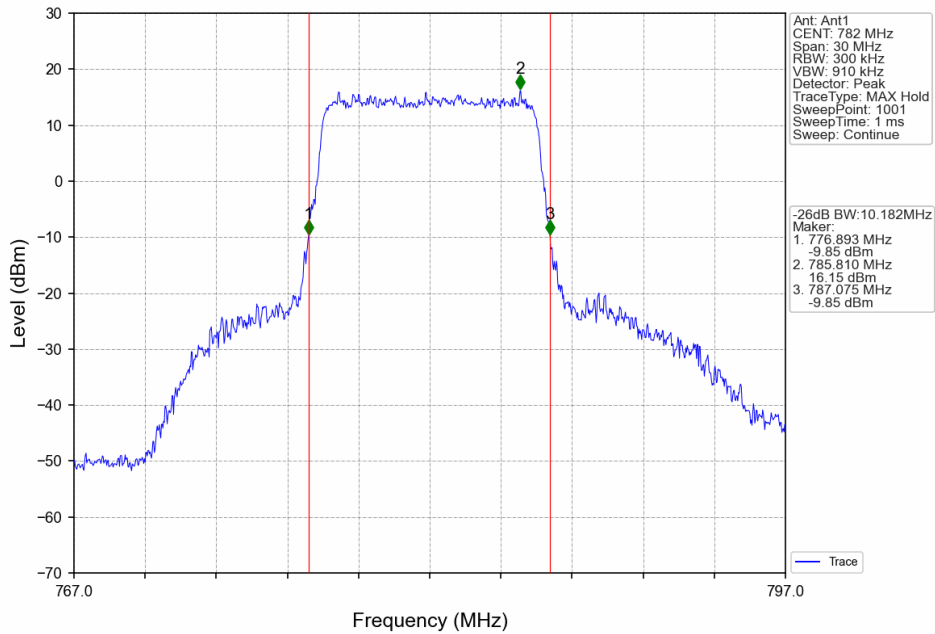
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



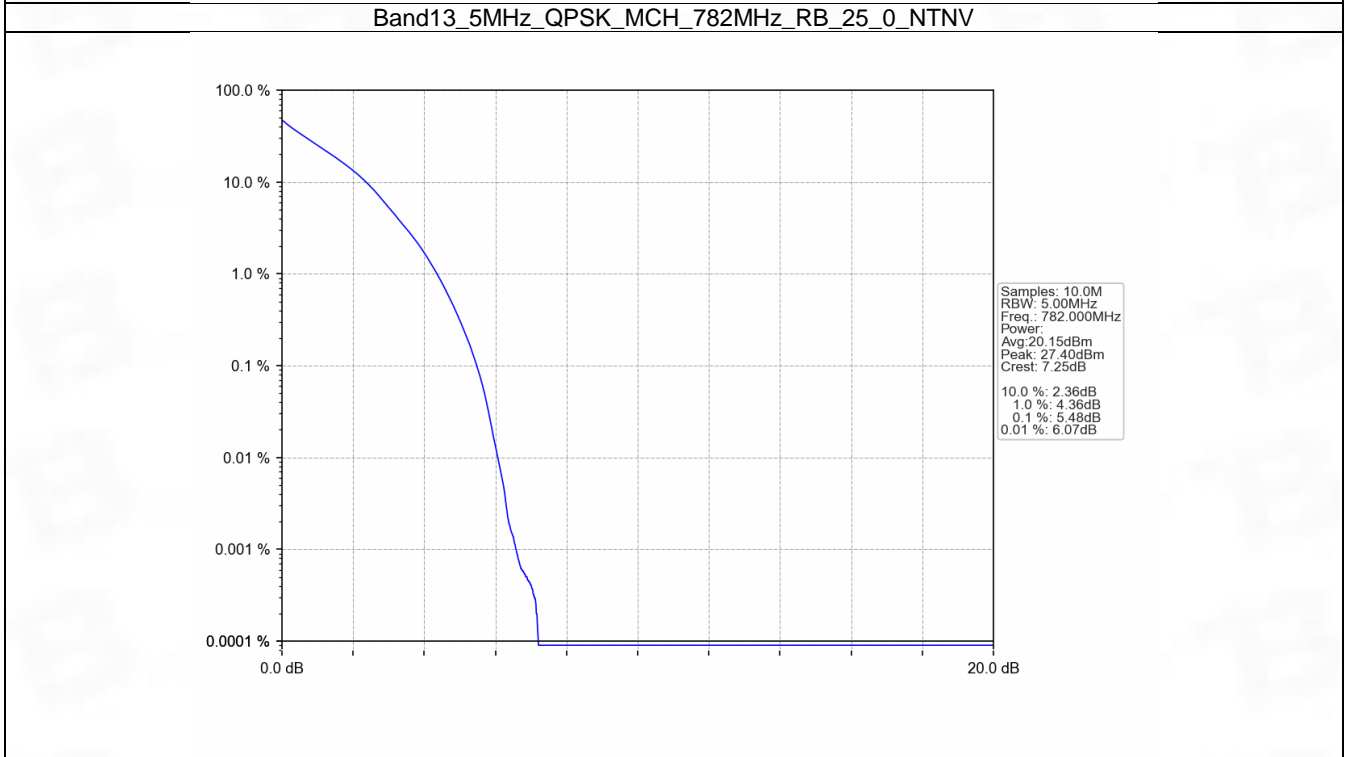
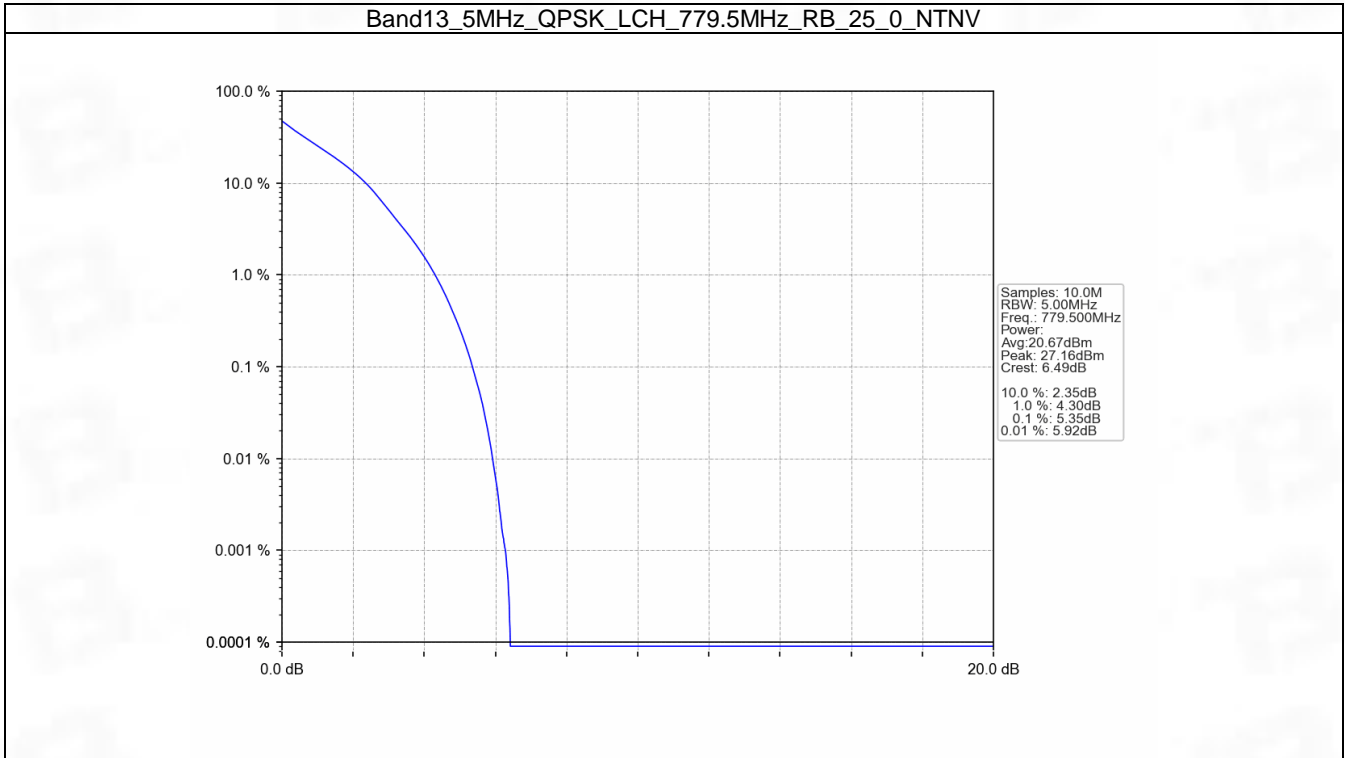
5. Peak-Average Ratio

5.1 B13_5MHz

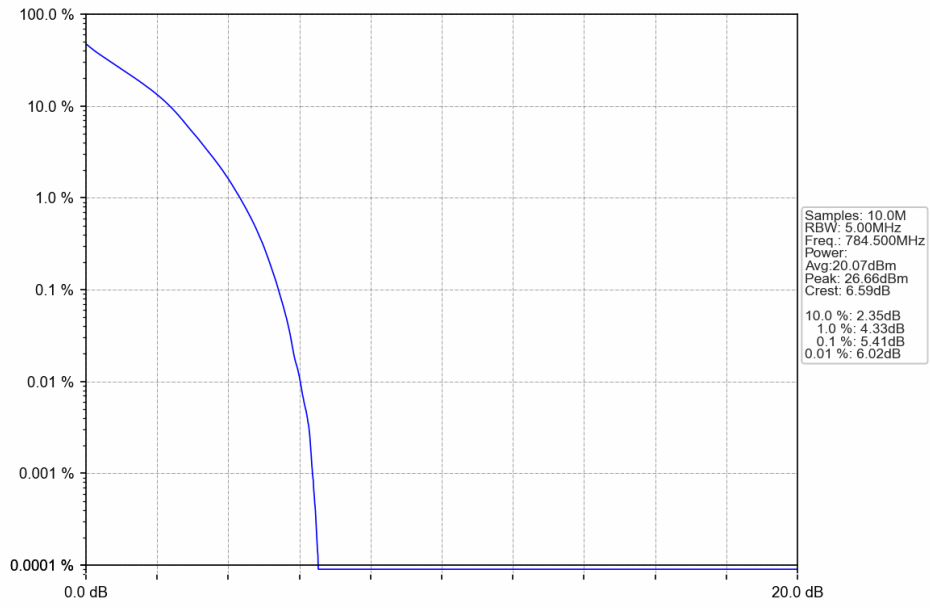
5.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.35	<=13	Pass
	782	25	0	5.48	<=13	Pass
	784.5	25	0	5.41	<=13	Pass
16QAM	779.5	25	0	6.19	<=13	Pass
	782	25	0	6.14	<=13	Pass
	784.5	25	0	6.08	<=13	Pass

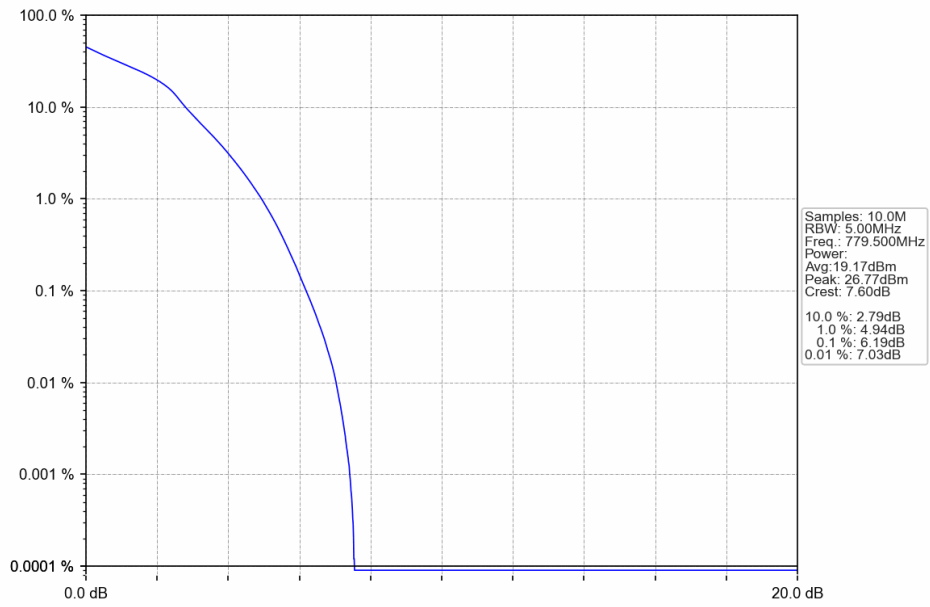
5.1.2 Test Graph



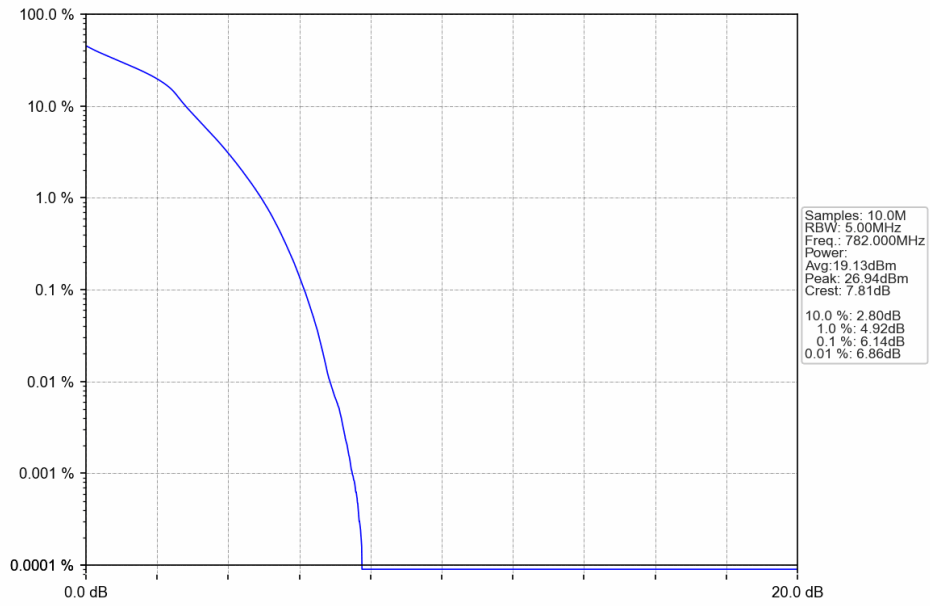
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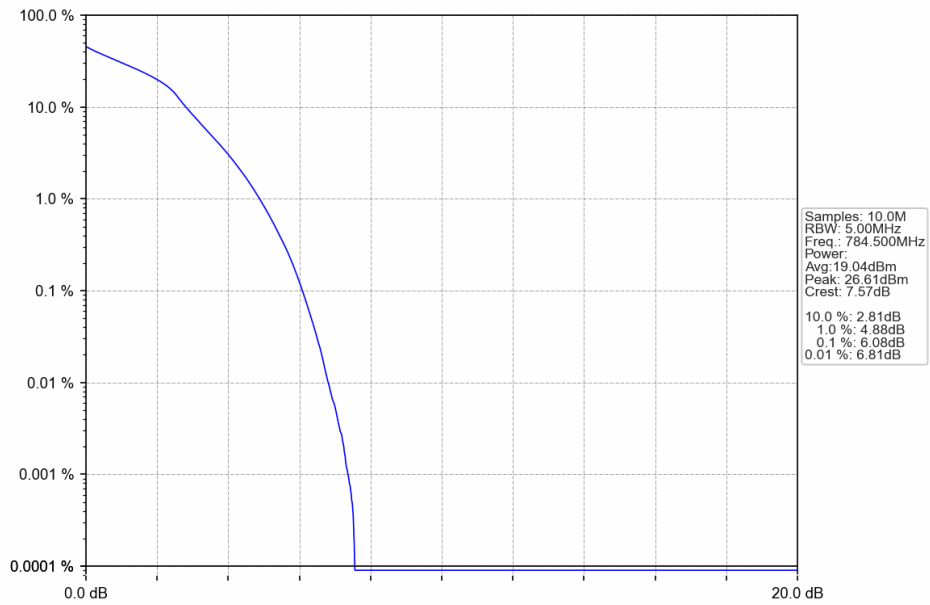
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

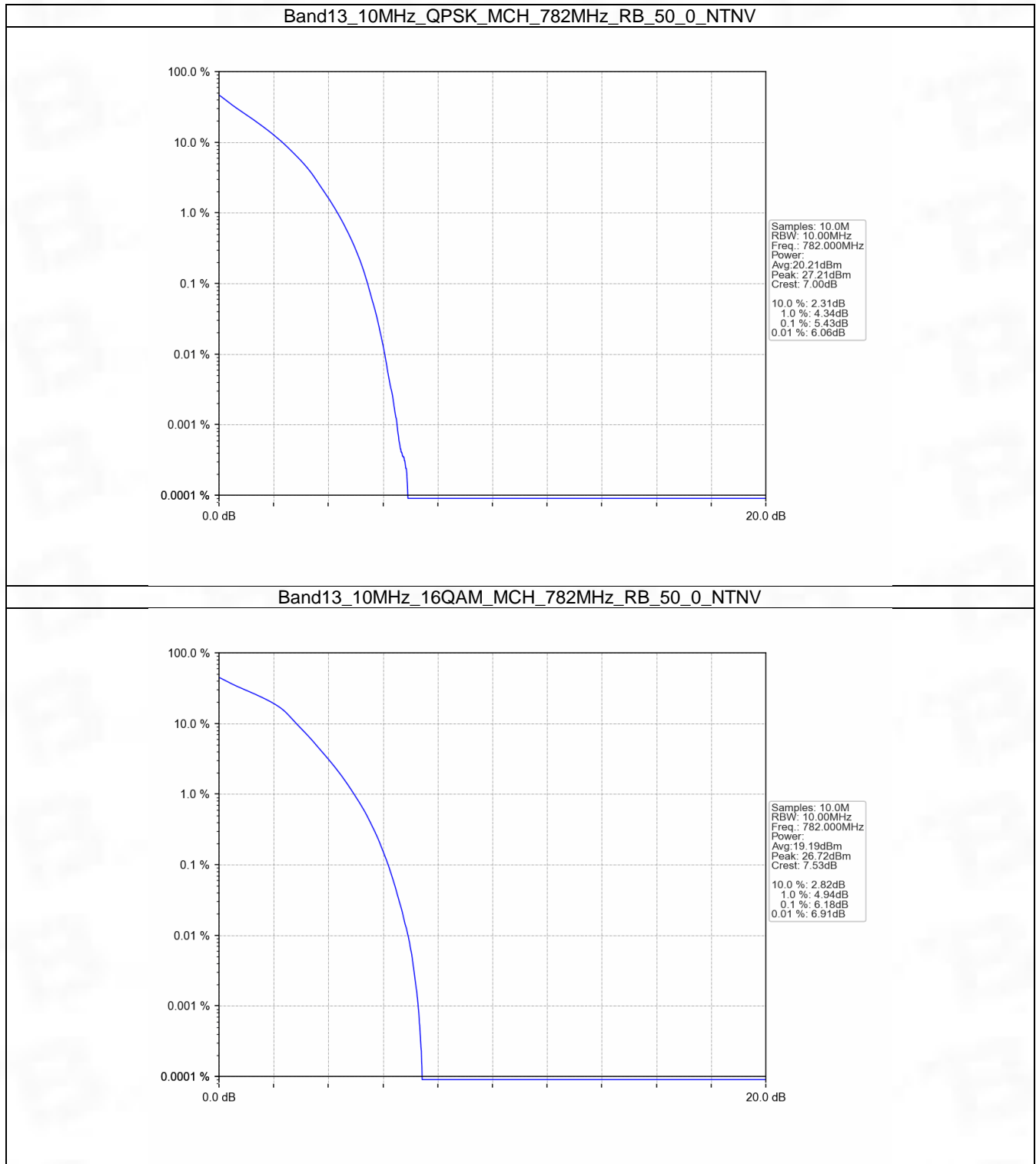


5.2 B13_10MHz

5.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTV						
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	6.18	<=13	Pass

5.2.2 Test Graph



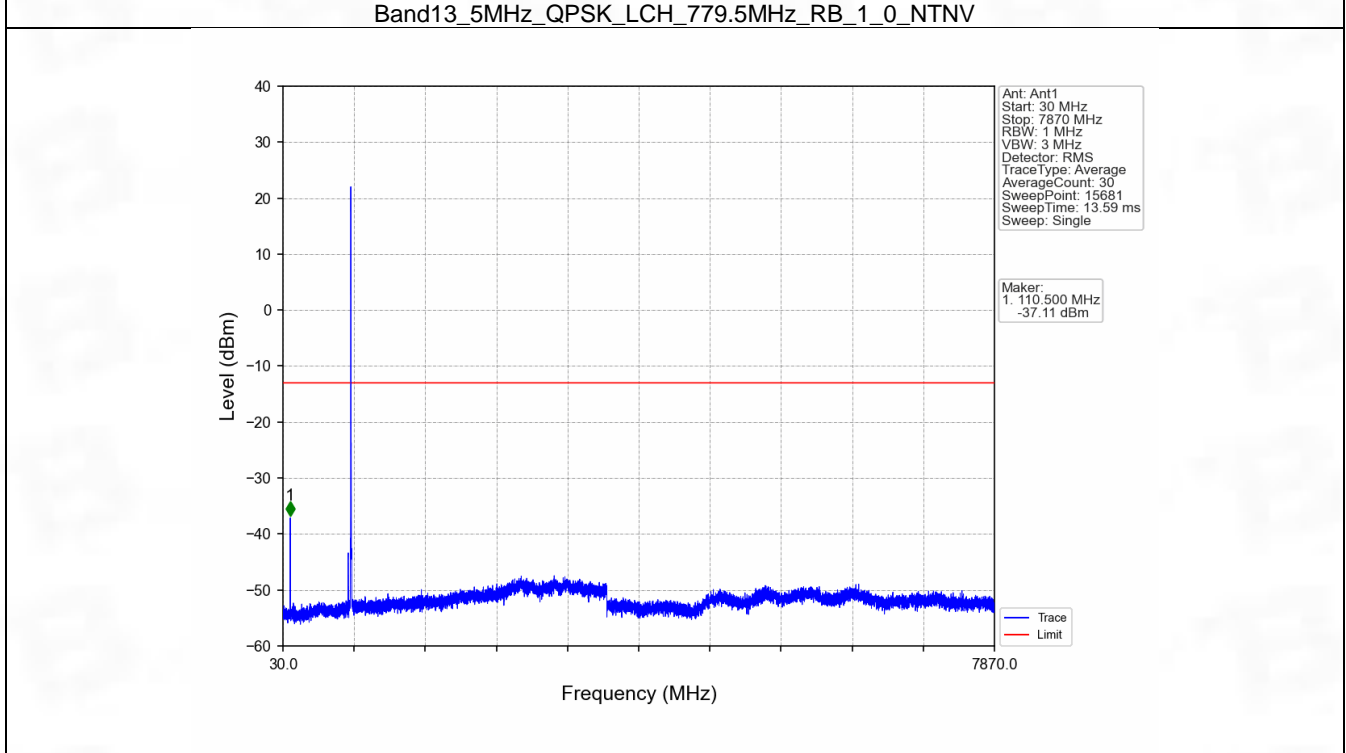
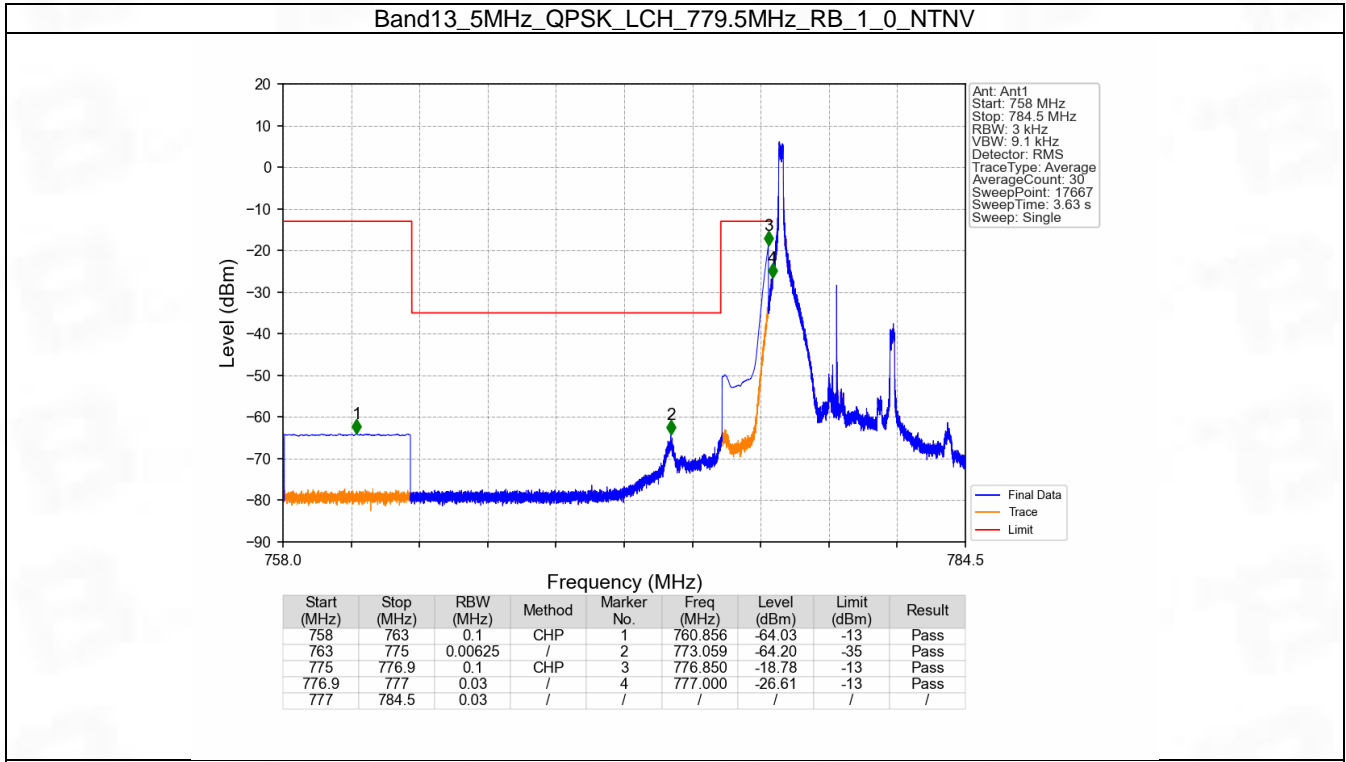
6. Spurious Emission

6.1 B13_5MHz

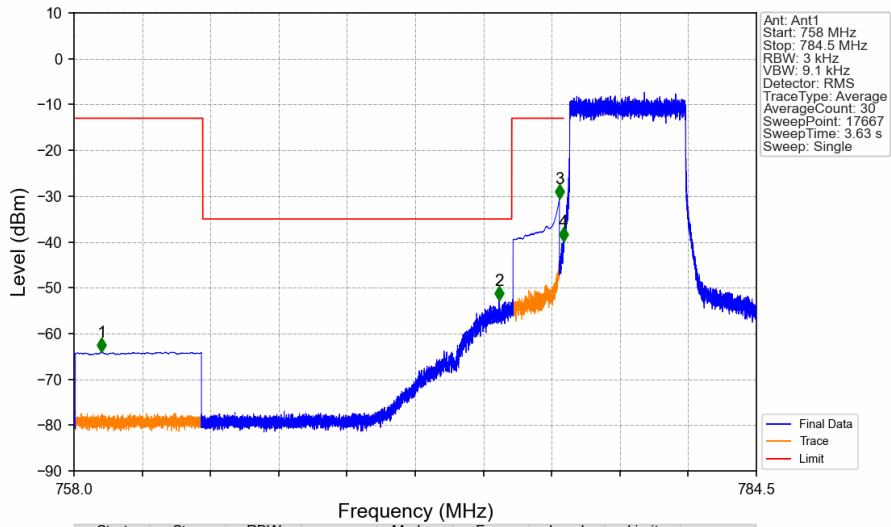
6.1.1 Test Result

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
	782	1	0	Refer To Test Graph		Pass
		784.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	
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
		784.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	

6.1.2 Test Graph

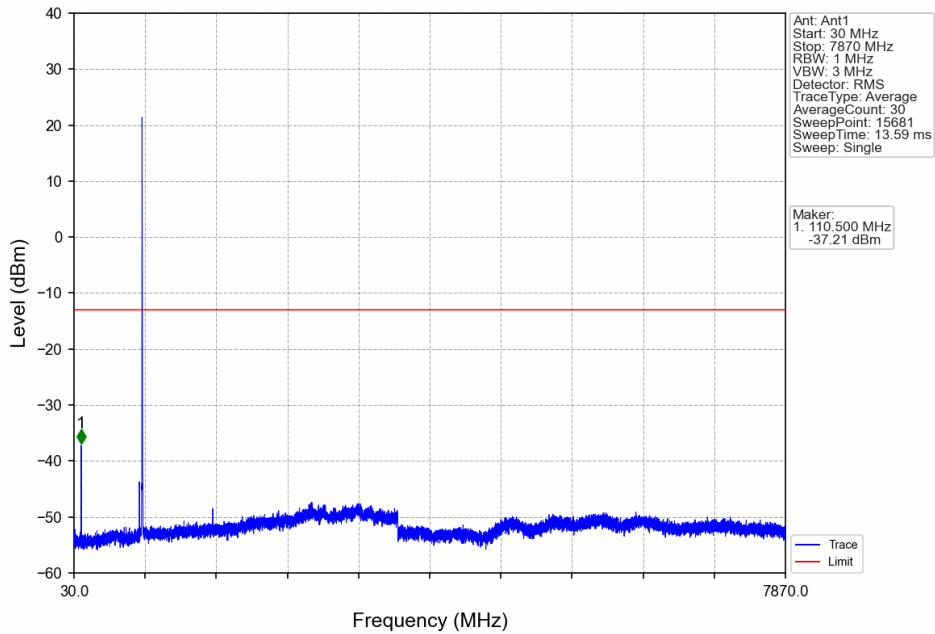


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

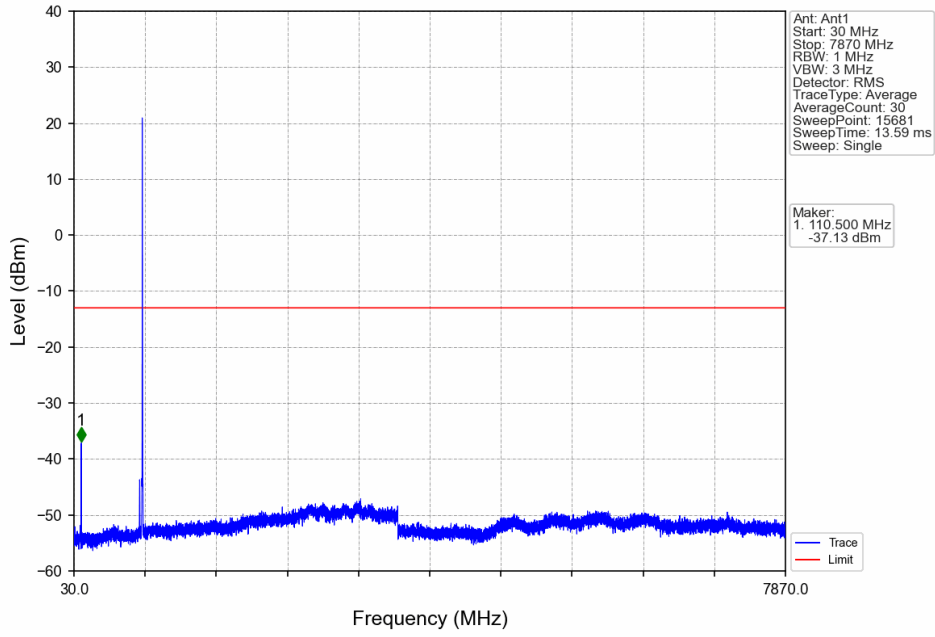


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.071	-64.05	-13	Pass
763	775	0.00625	/	2	774.511	-52.77	-35	Pass
775	776.9	0.1	CHP	3	776.850	-30.57	-13	Pass
776.9	777	0.03	/	4	777.000	-39.88	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

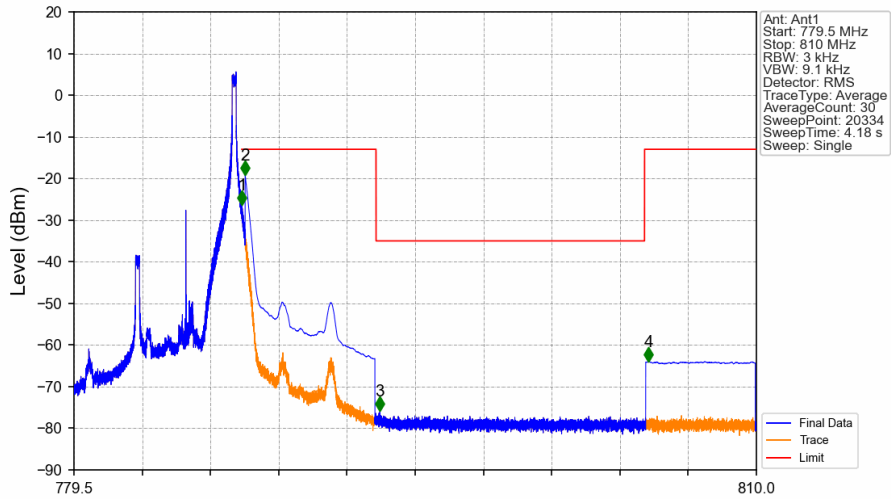
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

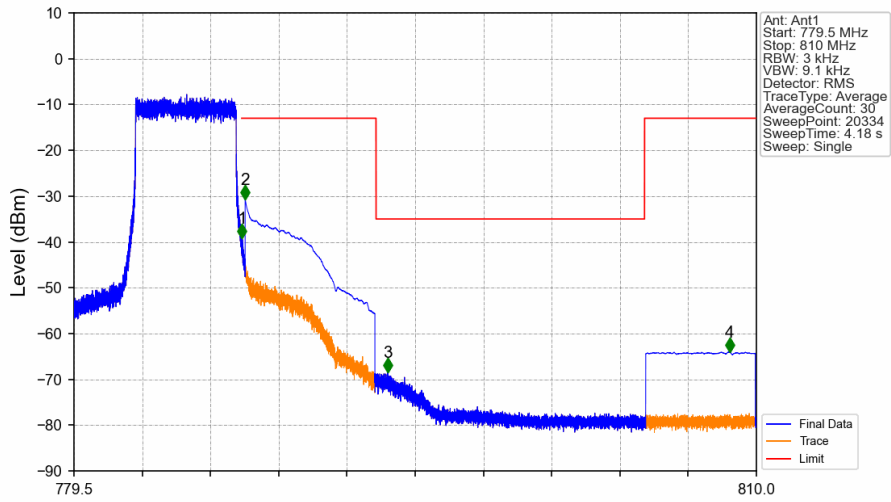


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



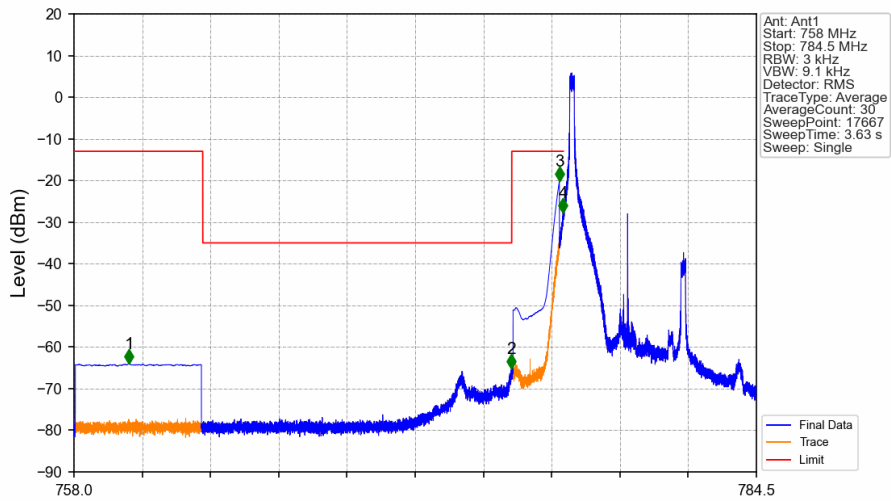
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	1	787.009	-26.37	-13	/
787	787.1	0.03	/	2	787.150	-19.16	-13	Pass
787.1	793	0.1	CHP	3	793.173	-75.89	-35	Pass
793	805	0.00625	/	4	805.185	-64.00	-13	Pass
805	810	0.1	CHP					

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



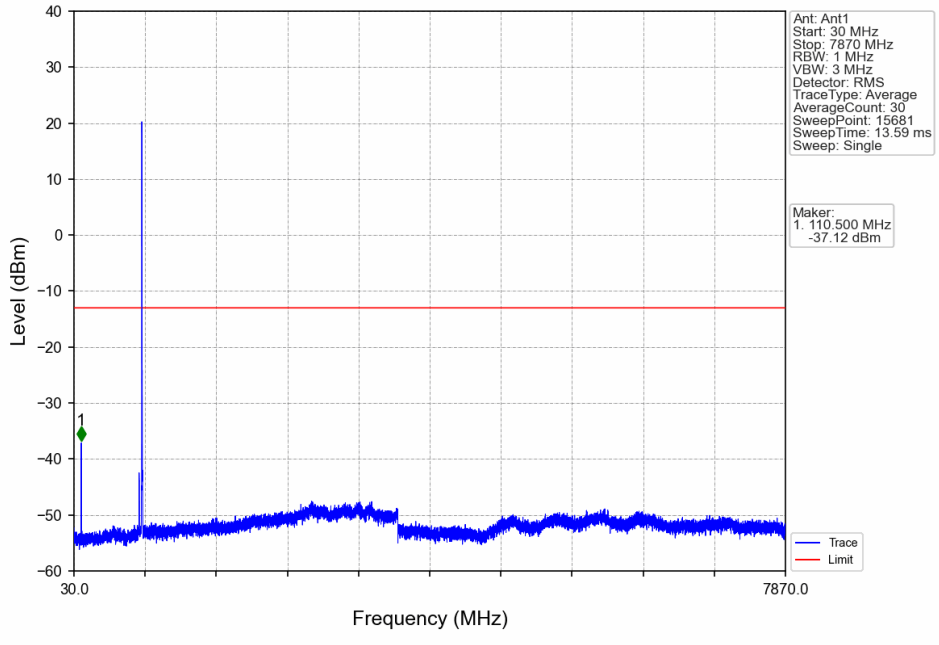
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.014	-39.21	-13	Pass
787.1	793	0.1	CHP	2	787.150	-30.76	-13	Pass
793	805	0.00625	/	3	793.524	-68.48	-35	Pass
805	810	0.1	CHP	4	808.801	-64.03	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

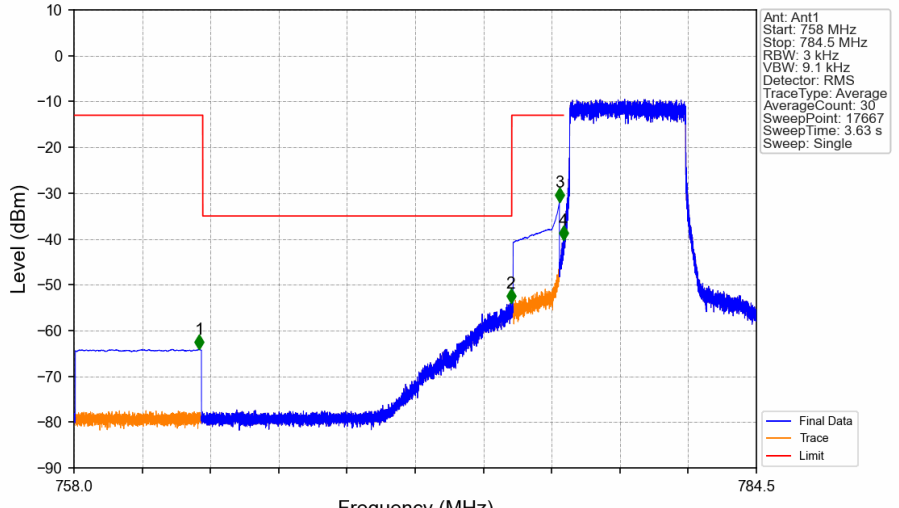


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.138	-64.03	-13	Pass
763	775	0.00625	/	2	774.988	-65.26	-35	Pass
775	776.9	0.1	CHP	3	776.850	-20.14	-13	Pass
776.9	777	0.03	/	4	776.991	-27.70	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

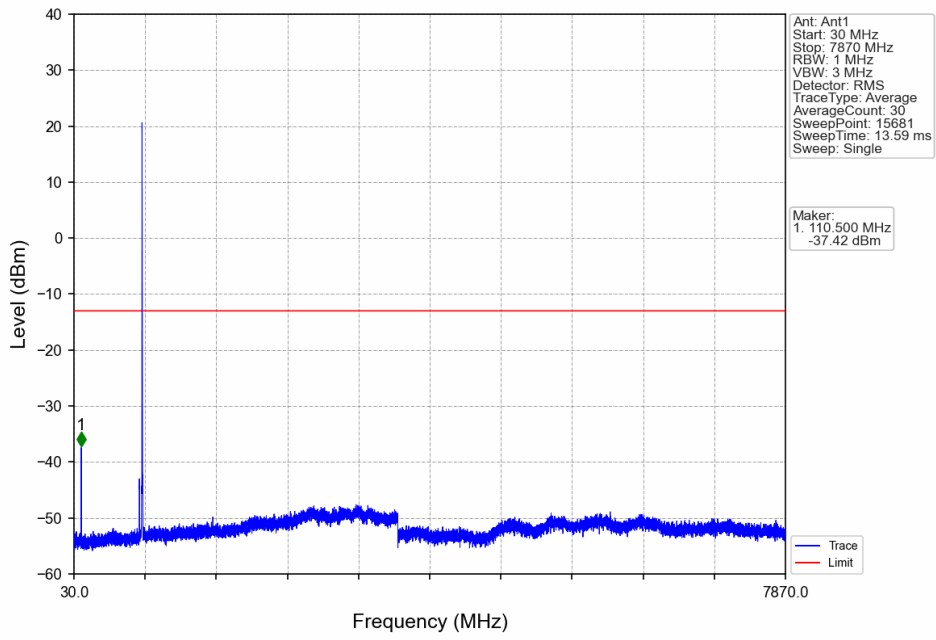


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

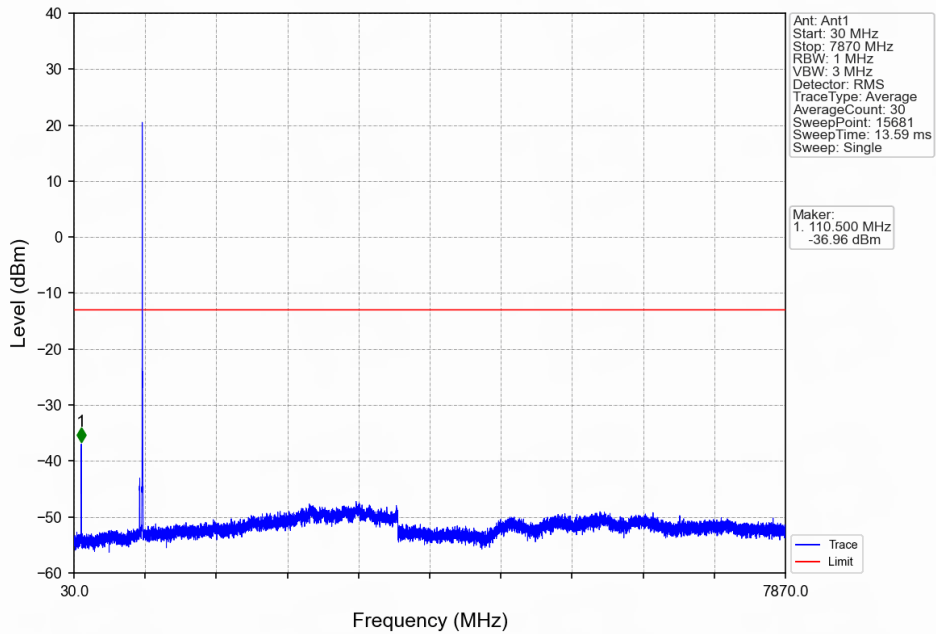


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.868	-64.09	-13	Pass
763	775	0.00625	/	2	774.964	-54.07	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.95	-13	Pass
776.9	777	0.03	/	4	777.000	-40.24	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

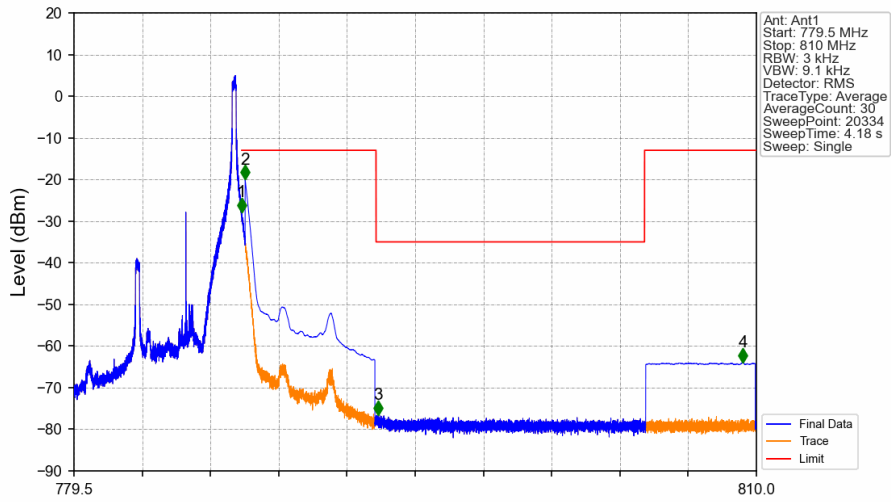
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

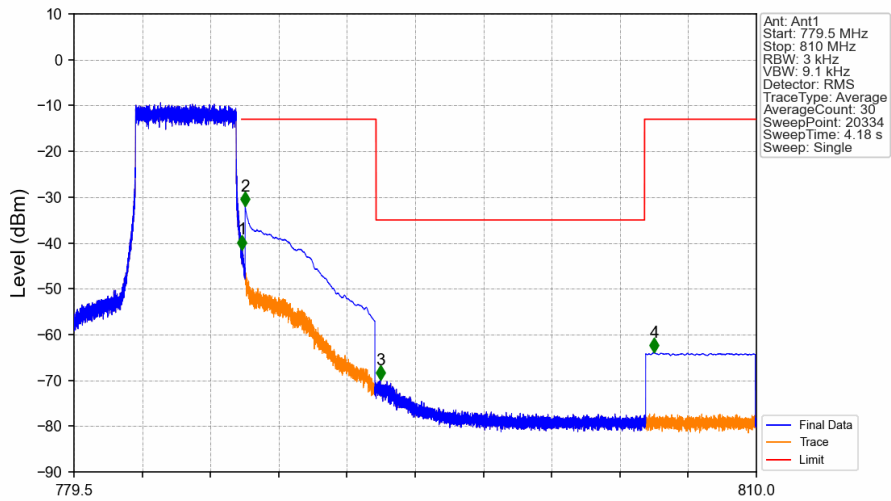


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTV



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	-27.82	-13	Pass
787.1	793	0.1	CHP	2	787.150	-19.99	-13	Pass
793	805	0.00625	/	3	793.104	-76.51	-35	Pass
805	810	0.1	CHP	4	809.398	-63.94	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTV



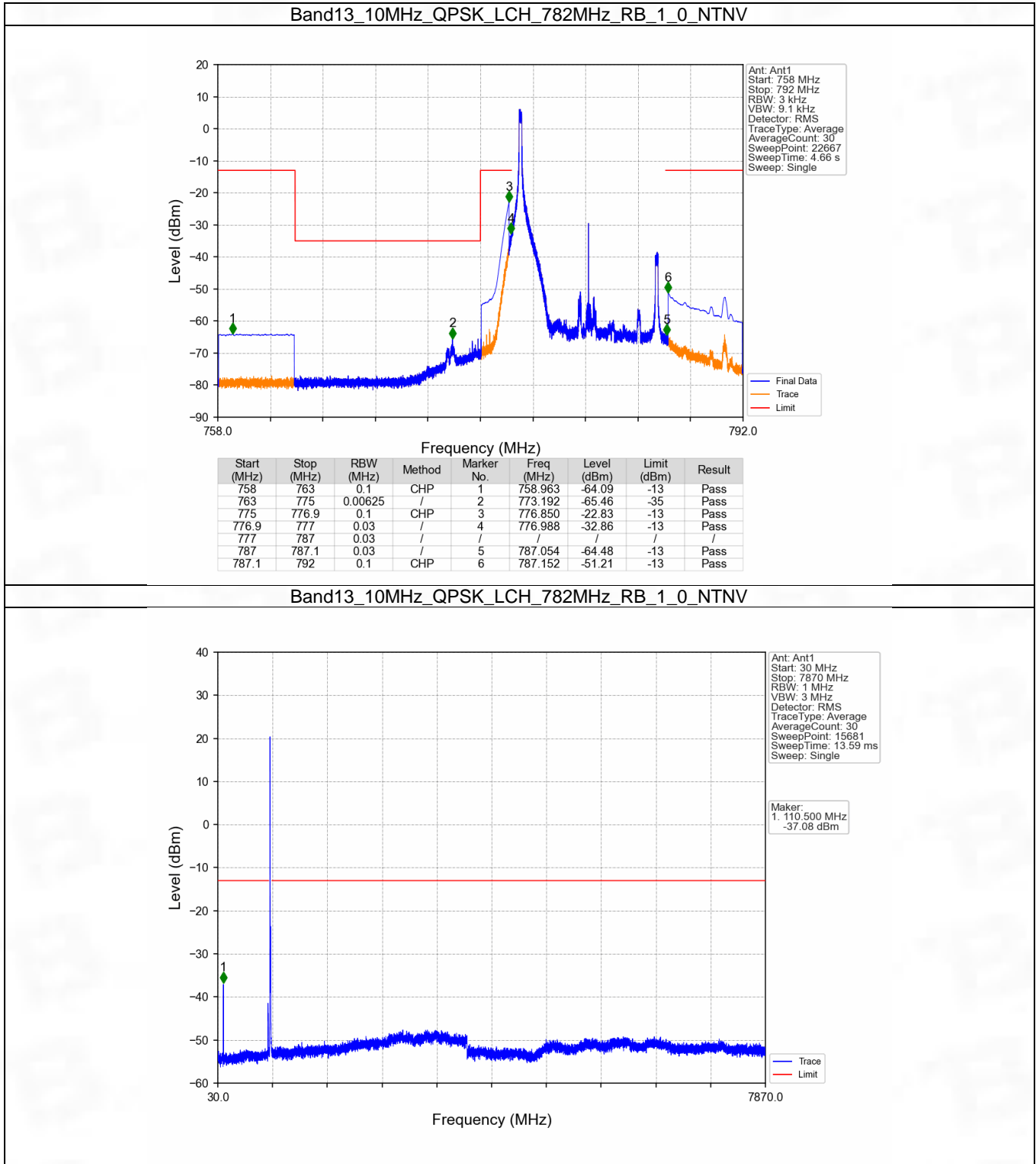
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.017	-41.41	-13	Pass
787.1	793	0.1	CHP	2	787.150	-31.95	-13	Pass
793	805	0.00625	/	3	793.192	-69.84	-35	Pass
805	810	0.1	CHP	4	805.438	-63.95	-13	Pass

6.2 B13_10MHz

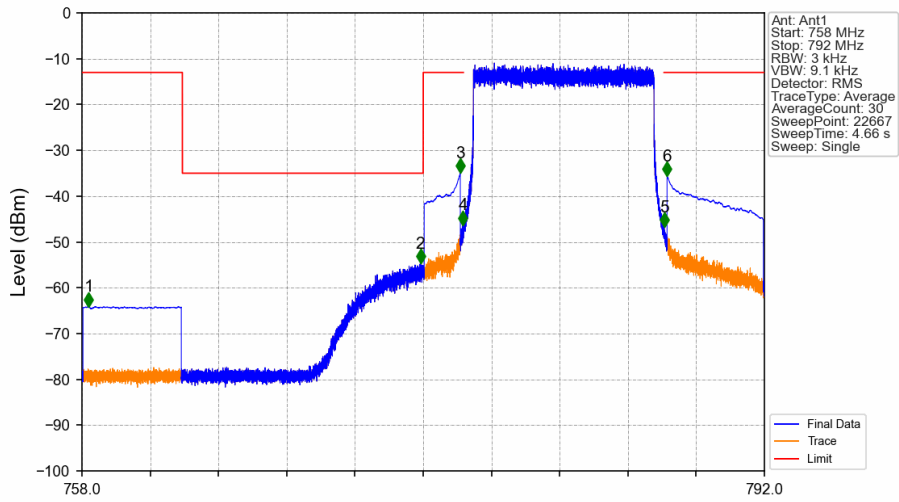
6.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTNV						
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	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	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	
50			0	Refer To Test Graph		Pass
782		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
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

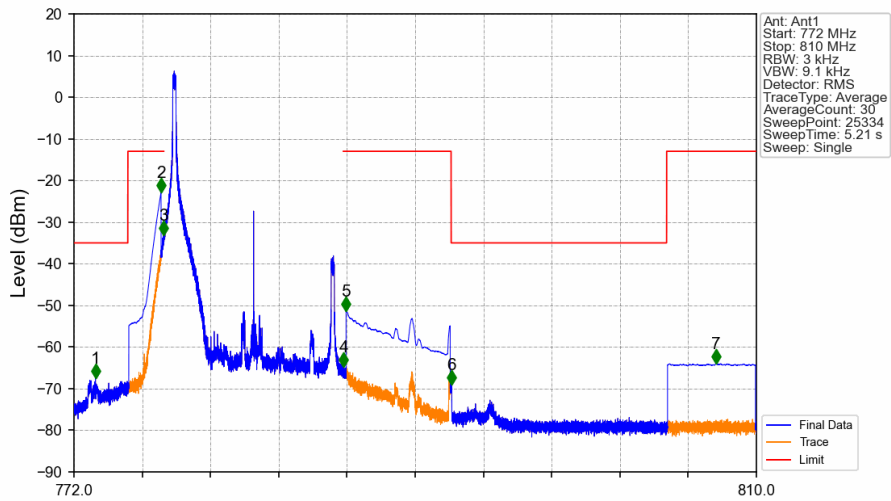


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



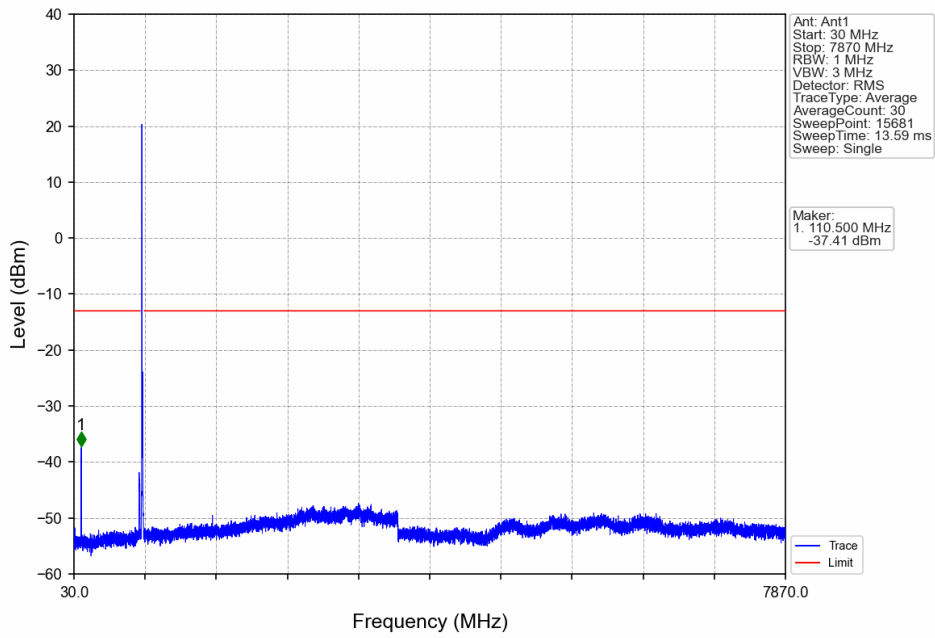
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.335	-64.13	-13	Pass
763	775	0.00625	/	2	774.866	-54.70	-35	Pass
775	776.9	0.1	CHP	3	776.850	-34.90	-13	Pass
776.9	777	0.03	/	4	776.983	-46.31	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.005	-46.72	-13	Pass
787.1	792	0.1	CHP	6	787.150	-35.60	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

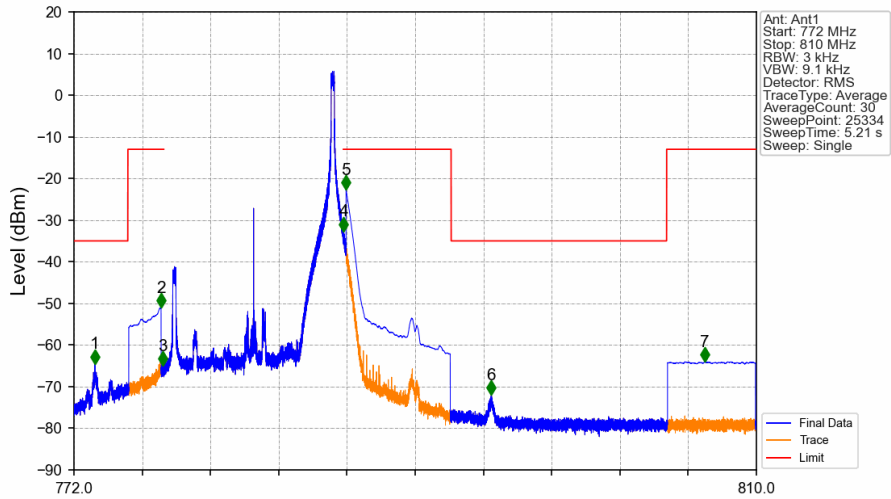


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.194	-67.51	-35	Pass
775	776.9	0.1	CHP	2	776.850	-22.82	-13	Pass
776.9	777	0.03	/	3	776.974	-33.21	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.018	-64.78	-13	Pass
787.1	793	0.1	CHP	5	787.150	-51.35	-13	Pass
793	805	0.00625	/	6	793.002	-69.00	-35	Pass
805	810	0.1	CHP	7	807.754	-63.99	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

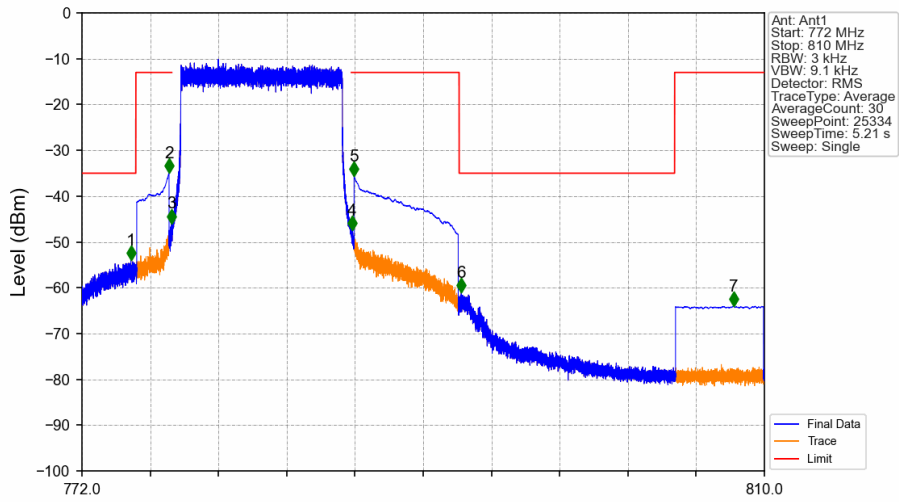


Band13_10MHz_QPSK_MCH_782MHz_RB_1_49_NTNV



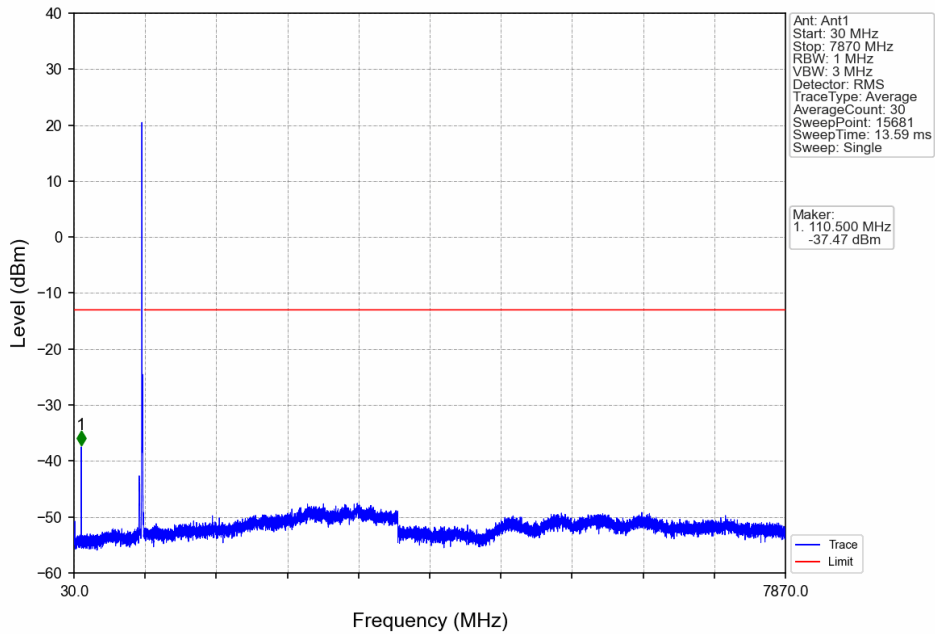
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.163	-64.49	-35	Pass
775	776.9	0.1	CHP	2	776.841	-51.07	-13	Pass
776.9	777	0.03	/	3	776.943	-64.93	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.012	-32.70	-13	Pass
787.1	793	0.1	CHP	5	787.150	-22.67	-13	Pass
793	805	0.00625	/	6	795.237	-71.92	-35	Pass
805	810	0.1	CHP	7	807.123	-63.98	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



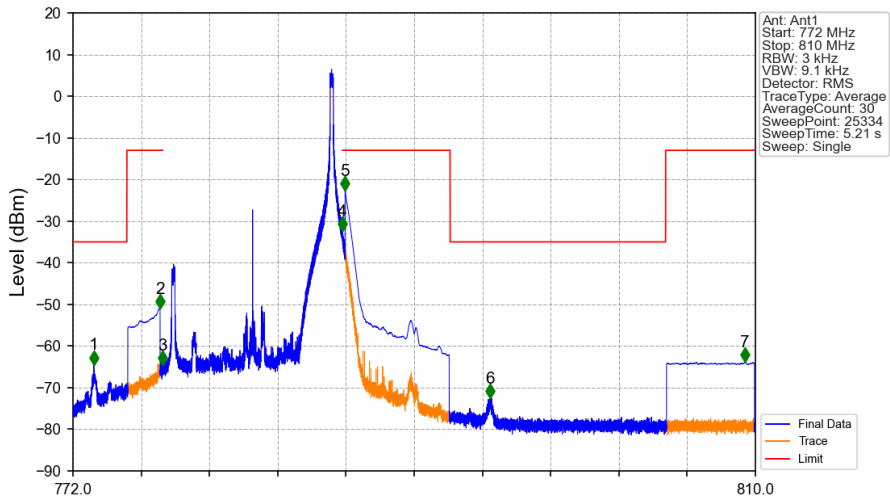
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.723	-54.05	-35	Pass
775	776.9	0.1	CHP	2	776.848	-34.90	-13	Pass
776.9	777	0.03	/	3	776.983	-45.96	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.035	-47.40	-13	Pass
787.1	793	0.1	CHP	5	787.150	-35.60	-13	Pass
793	805	0.00625	/	6	793.122	-61.04	-35	Pass
805	810	0.1	CHP	7	808.291	-64.02	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_0_NTNV



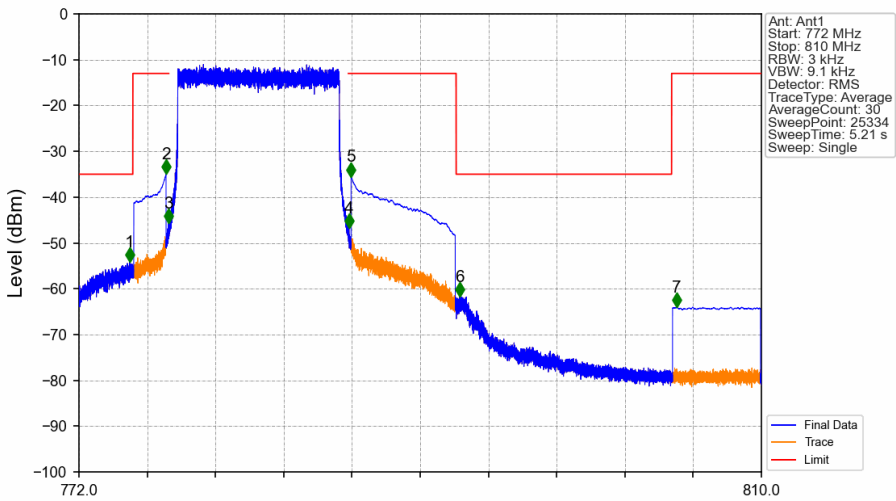
Marker:
1. 110.500 MHz
-37.47 dBm

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



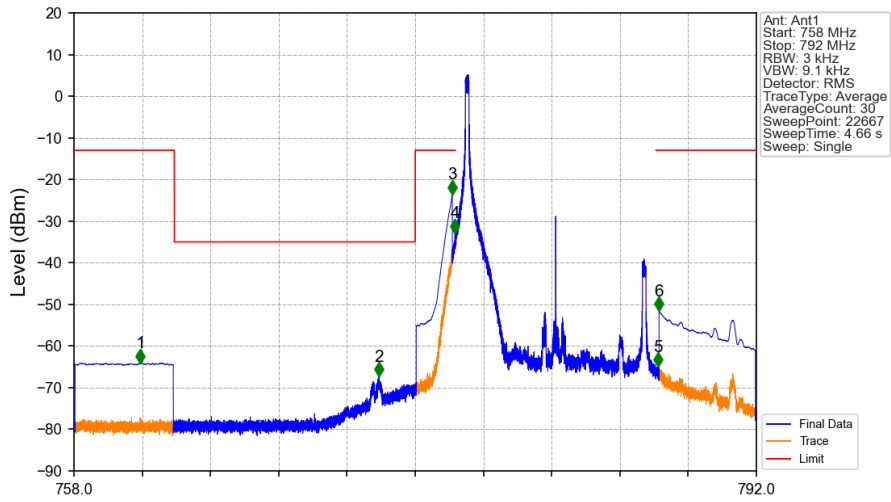
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.163	-64.52	-35	Pass
775	776.9	0.1	CHP	2	776.847	-50.96	-13	Pass
776.9	777	0.03	/	3	776.970	-64.61	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-32.32	-13	Pass
787.1	793	0.1	CHP	5	787.150	-22.72	-13	Pass
793	805	0.00625	/	6	795.208	-72.58	-35	Pass
805	810	0.1	CHP	7	809.410	-63.87	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



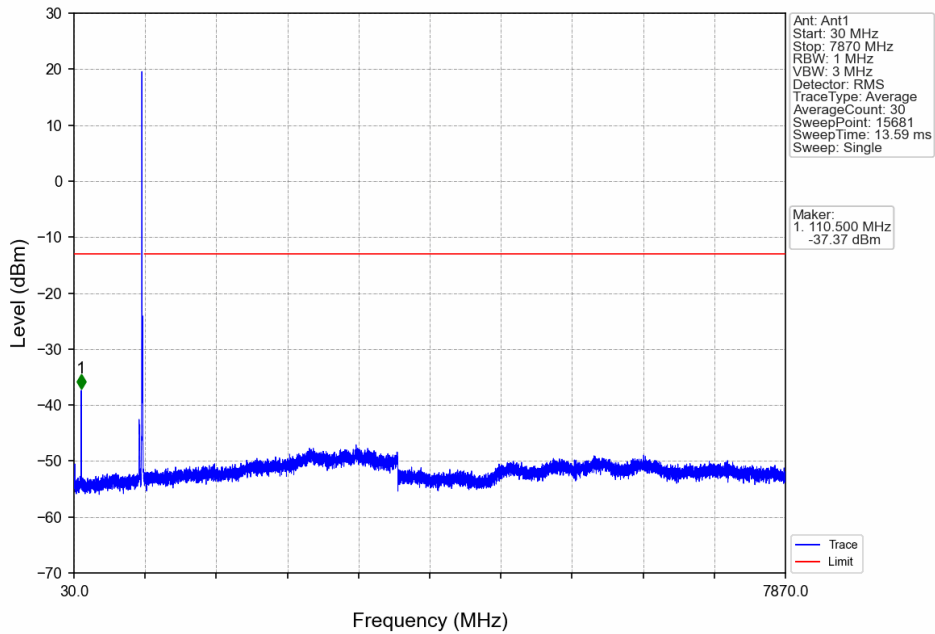
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.823	-54.17	-35	Pass
775	776.9	0.1	CHP	2	776.850	-35.00	-13	Pass
776.9	777	0.03	/	3	776.985	-45.72	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.033	-46.72	-13	Pass
787.1	793	0.1	CHP	5	787.150	-35.56	-13	Pass
793	805	0.00625	/	6	793.197	-61.73	-35	Pass
805	810	0.1	CHP	7	805.297	-64.02	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

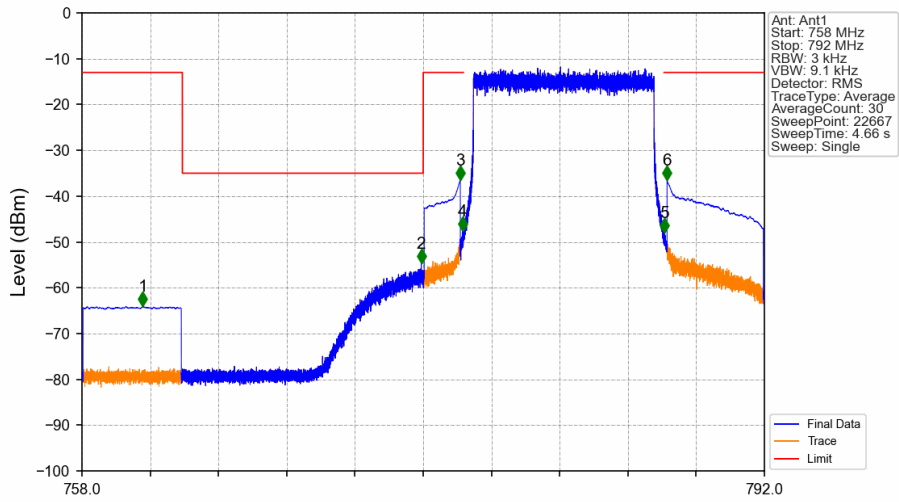


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.312	-64.12	-13	Pass
763	775	0.00625	/	2	773.192	-67.31	-35	Pass
775	776.9	0.1	CHP	3	776.850	-23.57	-13	Pass
776.9	777	0.03	/	4	776.983	-32.88	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.093	-65.06	-13	Pass
787.1	792	0.1	CHP	6	787.150	-51.54	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

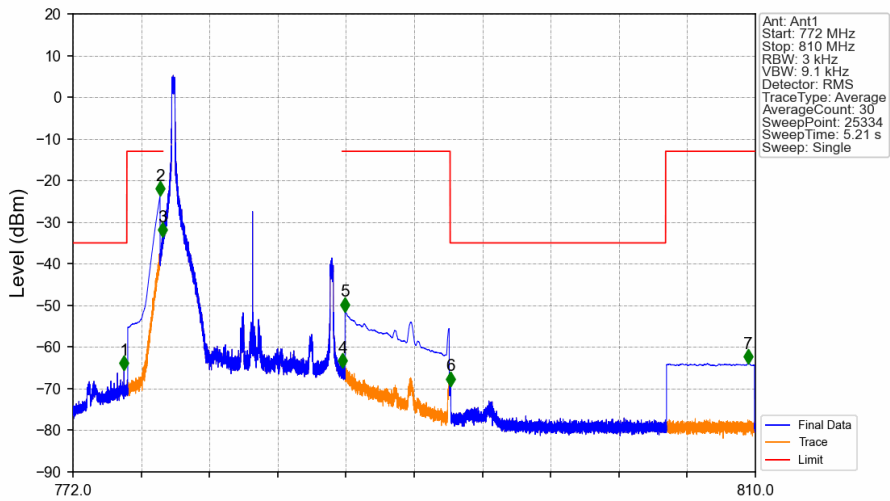


Band13_10MHz_16QAM LCH_782MHz_RB_50_0_NTNV



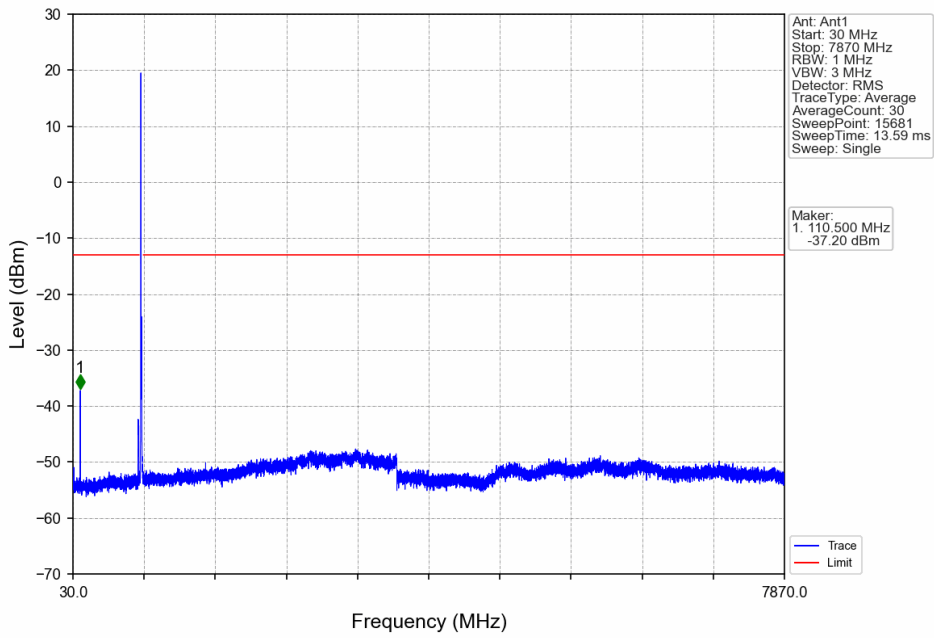
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.026	-64.09	-13	Pass
763	775	0.00625	/	2	774.902	-54.75	-35	Pass
775	776.9	0.1	CHP	3	776.848	-36.49	-13	Pass
776.9	777	0.03	/	4	776.970	-47.58	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.017	-47.94	-13	Pass
787.1	792	0.1	CHP	6	787.150	-36.48	-13	Pass

Band13_10MHz_16QAM MCH_782MHz_RB_1_0_NTNV

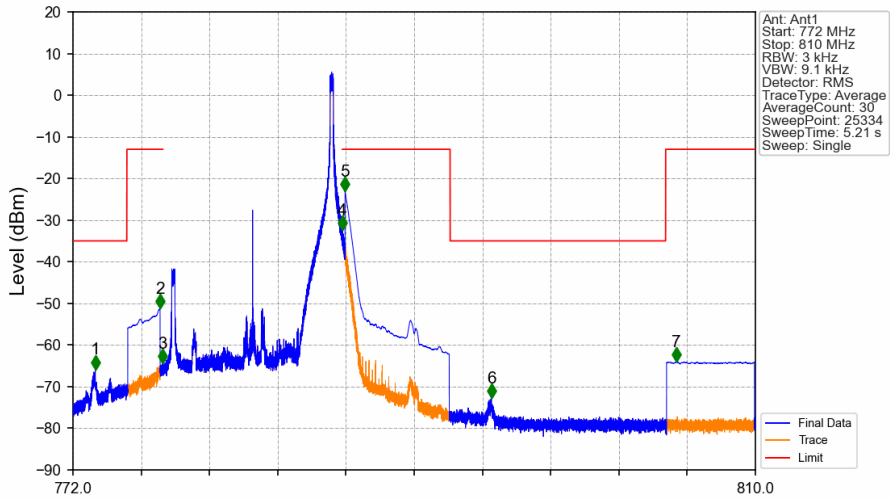


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.843	-65.53	-35	Pass
775	776.9	0.1	CHP	2	776.850	-23.60	-13	Pass
776.9	777	0.03	/	3	776.970	-33.54	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.009	-64.95	-13	Pass
787.1	793	0.1	CHP	5	787.150	-51.50	-13	Pass
793	805	0.00625	/	6	793.014	-69.35	-35	Pass
805	810	0.1	CHP	7	809.605	-64.00	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

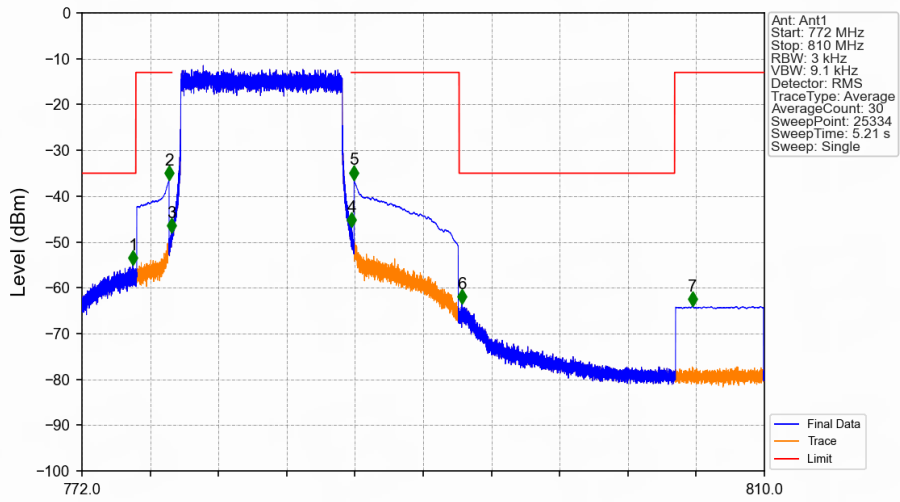


Band13_10MHz_16QAM_MCH_782MHz_RB_1_49_NTNV



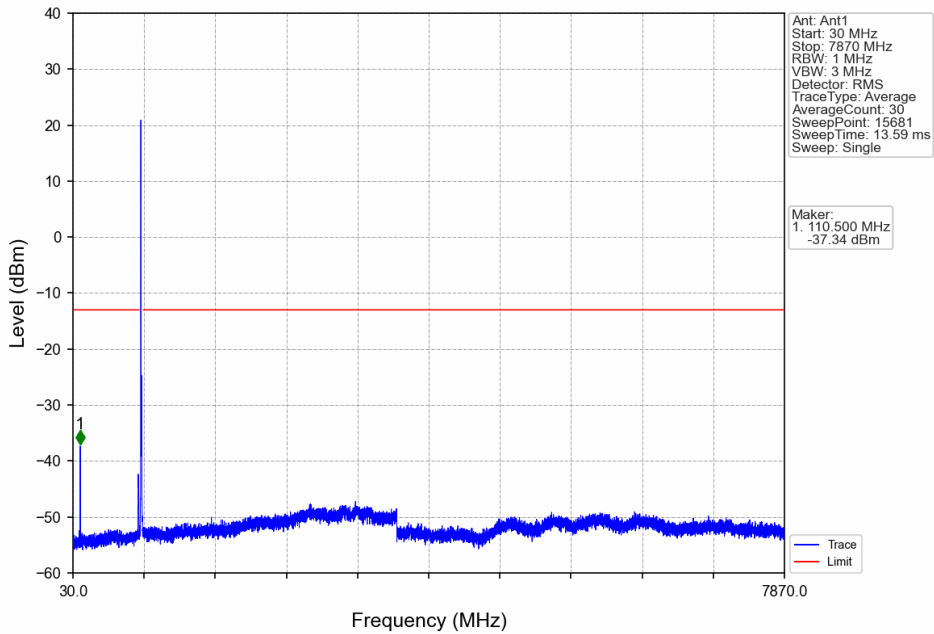
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.239	-65.85	-35	Pass
775	776.9	0.1	CHP	2	776.850	-51.26	-13	Pass
776.9	777	0.03	/	3	776.995	-64.46	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-32.37	-13	Pass
787.1	793	0.1	CHP	5	787.150	-23.06	-13	Pass
793	805	0.00625	/	6	795.297	-72.76	-35	Pass
805	810	0.1	CHP	7	805.605	-64.06	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

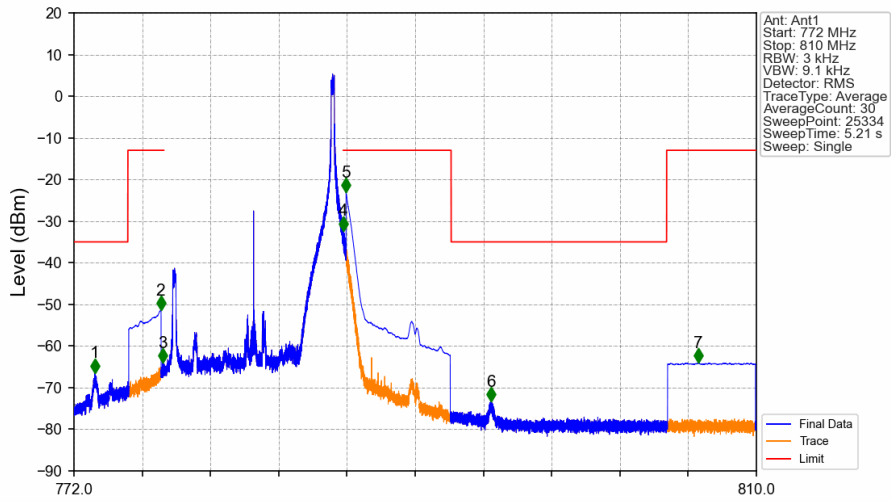


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.834	-55.00	-35	Pass
775	776.9	0.1	CHP	2	776.850	-36.51	-13	Pass
776.9	777	0.03	/	3	776.985	-47.95	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.017	-46.71	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.45	-13	Pass
793	805	0.00625	/	6	793.152	-63.53	-35	Pass
805	810	0.1	CHP	7	805.990	-64.08	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_1_0_NTNV

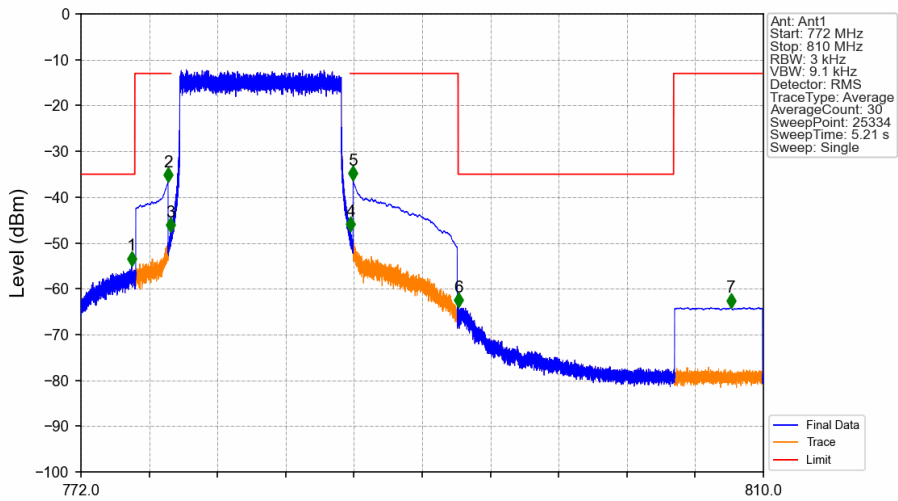


Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.169	-66.46	-35	Pass
775	776.9	0.1	CHP	2	776.832	-51.34	-13	Pass
776.9	777	0.03	/	3	776.934	-64.08	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-32.29	-13	Pass
787.1	793	0.1	CHP	5	787.150	-23.01	-13	Pass
793	805	0.00625	/	6	795.235	-73.34	-35	Pass
805	810	0.1	CHP	7	806.766	-64.08	-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	/	1	774.825	-54.95	-35	Pass
775	776.9	0.1	CHP	2	776.850	-36.68	-13	Pass
776.9	777	0.03	/	3	776.971	-47.61	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.017	-47.51	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.37	-13	Pass
793	805	0.00625	/	6	793.033	-64.02	-35	Pass
805	810	0.1	CHP	7	808.183	-64.12	-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	0.1472	0.0474	ppm	4M59G7D	27F	21.68
13	5	779.5	784.5	0.1205	0.0168	ppm	4M59W7D	27F	20.81
13	10	782	782	0.1706	0.0097	ppm	9M06G7D	27F	22.32
13	10	782	782	0.1340	0.0111	ppm	9M05W7D	27F	21.27

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	0.0741	0.0474	ppm	4M59G7D	27F	18.70
13	5	779.5	784.5	0.0607	0.0168	ppm	4M59W7D	27F	17.83
13	10	782	782	0.0859	0.0097	ppm	9M06G7D	27F	19.34
13	10	782	782	0.0675	0.0111	ppm	9M05W7D	27F	18.29