

1. Effective (Isotropic) Radiated Power Output Data

1.1 B13_5MHz_ERP

1.1.1 Test Result

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	24.15	0.56	22.56	<=34.77	Pass		
			13	24.20	0.56	22.61	<=34.77	Pass		
			24	24.12	0.56	22.53	<=34.77	Pass		
		12	0	23.20	0.56	21.61	<=34.77	Pass		
			6	23.24	0.56	21.65	<=34.77	Pass		
			13	23.12	0.56	21.53	<=34.77	Pass		
		25	0	23.14	0.56	21.55	<=34.77	Pass		
		782	1	0	24.05	0.56	22.46	<=34.77	Pass	
				13	24.15	0.56	22.56	<=34.77	Pass	
	24			24.12	0.56	22.53	<=34.77	Pass		
	12		0	23.31	0.56	21.72	<=34.77	Pass		
			6	23.28	0.56	21.69	<=34.77	Pass		
			13	23.24	0.56	21.65	<=34.77	Pass		
	25		0	23.27	0.56	21.68	<=34.77	Pass		
	784.5		1	0	24.06	0.56	22.47	<=34.77	Pass	
				13	24.21	0.56	22.62	<=34.77	Pass	
		24		24.13	0.56	22.54	<=34.77	Pass		
		12	0	23.21	0.56	21.62	<=34.77	Pass		
			6	23.25	0.56	21.66	<=34.77	Pass		
			13	23.23	0.56	21.64	<=34.77	Pass		
		25	0	23.27	0.56	21.68	<=34.77	Pass		
		16QAM	779.5	1	0	22.89	0.56	21.30	<=34.77	Pass
					13	23.12	0.56	21.53	<=34.77	Pass
	24				23.02	0.56	21.43	<=34.77	Pass	
12	0			22.19	0.56	20.60	<=34.77	Pass		
	6			22.20	0.56	20.61	<=34.77	Pass		
	13			22.12	0.56	20.53	<=34.77	Pass		
25	0			22.16	0.56	20.57	<=34.77	Pass		
782	1			0	23.26	0.56	21.67	<=34.77	Pass	
				13	23.32	0.56	21.73	<=34.77	Pass	
			24	23.20	0.56	21.61	<=34.77	Pass		
	12		0	22.25	0.56	20.66	<=34.77	Pass		
			6	22.25	0.56	20.66	<=34.77	Pass		
			13	22.23	0.56	20.64	<=34.77	Pass		
	25		0	22.30	0.56	20.71	<=34.77	Pass		
	784.5		1	0	23.37	0.56	21.78	<=34.77	Pass	
				13	23.40	0.56	21.81	<=34.77	Pass	
24				23.21	0.56	21.62	<=34.77	Pass		
12			0	22.23	0.56	20.64	<=34.77	Pass		
			6	22.27	0.56	20.68	<=34.77	Pass		
			13	22.24	0.56	20.65	<=34.77	Pass		
25			0	22.20	0.56	20.61	<=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	24.33	0.56	22.74	<=34.77	Pass		
			25	24.46	0.56	22.87	<=34.77	Pass		
			49	24.32	0.56	22.73	<=34.77	Pass		
		25	0	23.54	0.56	21.95	<=34.77	Pass		
			13	23.39	0.56	21.80	<=34.77	Pass		
			25	23.45	0.56	21.86	<=34.77	Pass		
		50	0	23.49	0.56	21.90	<=34.77	Pass		
		16QAM	782	1	0	23.17	0.56	21.58	<=34.77	Pass
					25	23.49	0.56	21.90	<=34.77	Pass
49	23.13				0.56	21.54	<=34.77	Pass		
25	0			22.59	0.56	21.00	<=34.77	Pass		
	13			22.44	0.56	20.85	<=34.77	Pass		
	25			22.49	0.56	20.90	<=34.77	Pass		
50	0			22.47	0.56	20.88	<=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	-6.108	-0.0078	-2.5 to 2.5	Pass
					3.85	-9.484	-0.0122	-2.5 to 2.5	Pass
					4.43	-9.012	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-9.599	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-11.787	-0.0151	-2.5 to 2.5	Pass
				40	3.85	-8.197	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-8.569	-0.0110	-2.5 to 2.5	Pass
				782	25	0	20	3.27	-4.892
	3.85	-8.626	-0.0110					-2.5 to 2.5	Pass
	4.43	-8.426	-0.0108					-2.5 to 2.5	Pass
	-30	3.85	-8.612				-0.0110	-2.5 to 2.5	Pass
	-20	3.85	-5.193				-0.0066	-2.5 to 2.5	Pass
	-10	3.85	-3.476				-0.0044	-2.5 to 2.5	Pass
	0	3.85	-7.854				-0.0100	-2.5 to 2.5	Pass
	10	3.85	-7.896				-0.0101	-2.5 to 2.5	Pass
	30	3.85	-5.507				-0.0070	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-7.038	-0.0090	-2.5 to 2.5	Pass
3.85					-7.310	-0.0093	-2.5 to 2.5	Pass	

					4.43	-5.021	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-8.612	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-4.249	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-5.021	-0.0064	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-4.821	-0.0062	-2.5 to 2.5	Pass
					3.85	-7.954	-0.0102	-2.5 to 2.5	Pass
					4.43	-7.882	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-10.586	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	-8.912	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-2.174	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.064	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0098	-2.5 to 2.5	Pass
	50	3.85	-9.270	-0.0119	-2.5 to 2.5	Pass			
	782	25	0	20	3.27	-13.247	-0.0169	-2.5 to 2.5	Pass
					3.85	-8.683	-0.0111	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.545	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-3.047	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0041	-2.5 to 2.5	Pass
	50	3.85	-4.392	-0.0056	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.27	-4.635	-0.0059	-2.5 to 2.5	Pass
					3.85	-6.523	-0.0083	-2.5 to 2.5	Pass
					4.43	-6.566	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-2.704	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.732	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.545	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0034	-2.5 to 2.5	Pass
30				3.85	-2.747	-0.0035	-2.5 to 2.5	Pass	
40				3.85	-2.718	-0.0035	-2.5 to 2.5	Pass	
50	3.85	-3.619	-0.0046	-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	-7.582	-0.0097	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0070	-2.5 to 2.5	Pass
					4.43	-5.937	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-8.984	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-7.296	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0089	-2.5 to 2.5	Pass

				30	3.85	-5.336	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-5.465	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0081	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-5.579	-0.0071	-2.5 to 2.5	Pass
					3.85	-6.137	-0.0078	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-7.310	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-6.838	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-7.539	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0074	-2.5 to 2.5	Pass

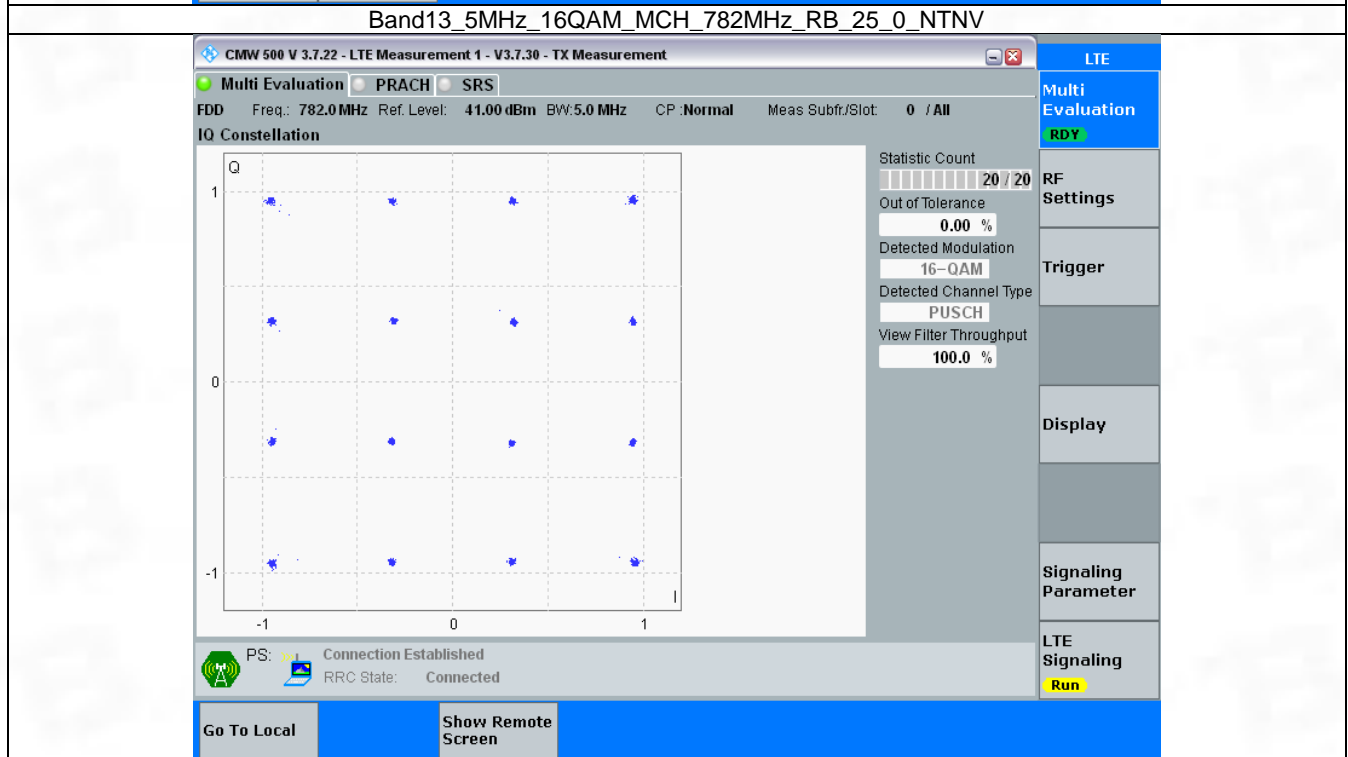
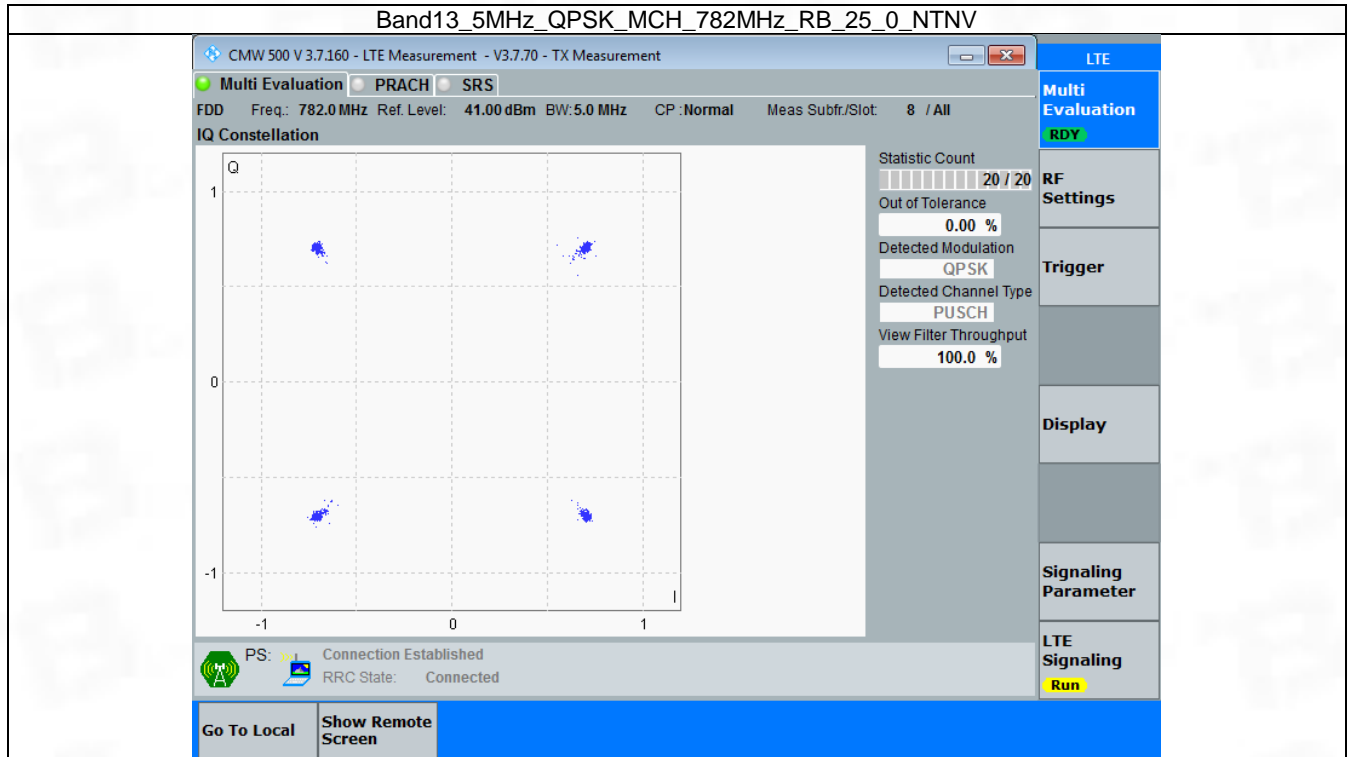
3. Modulation Characteristics

3.1 B13_5MHz

3.1.1 Test Result

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 Test Graph

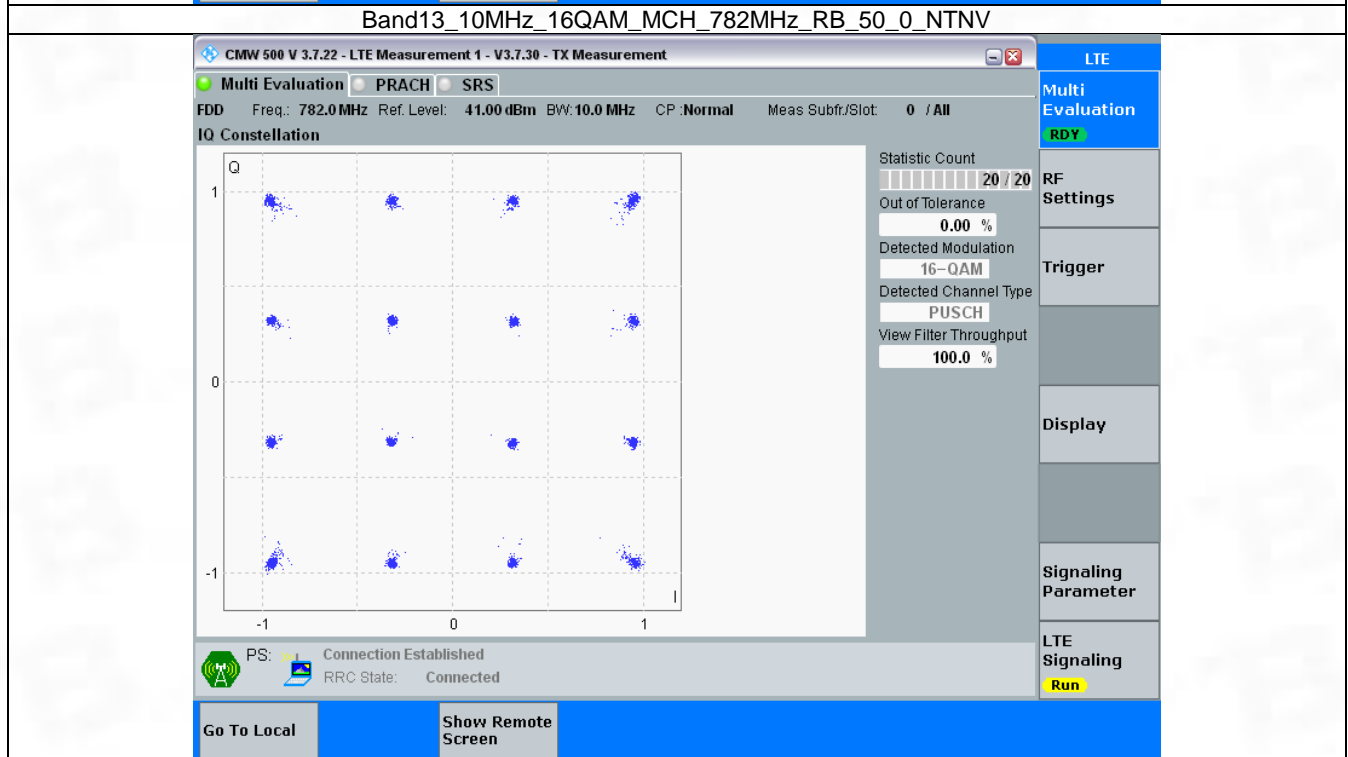
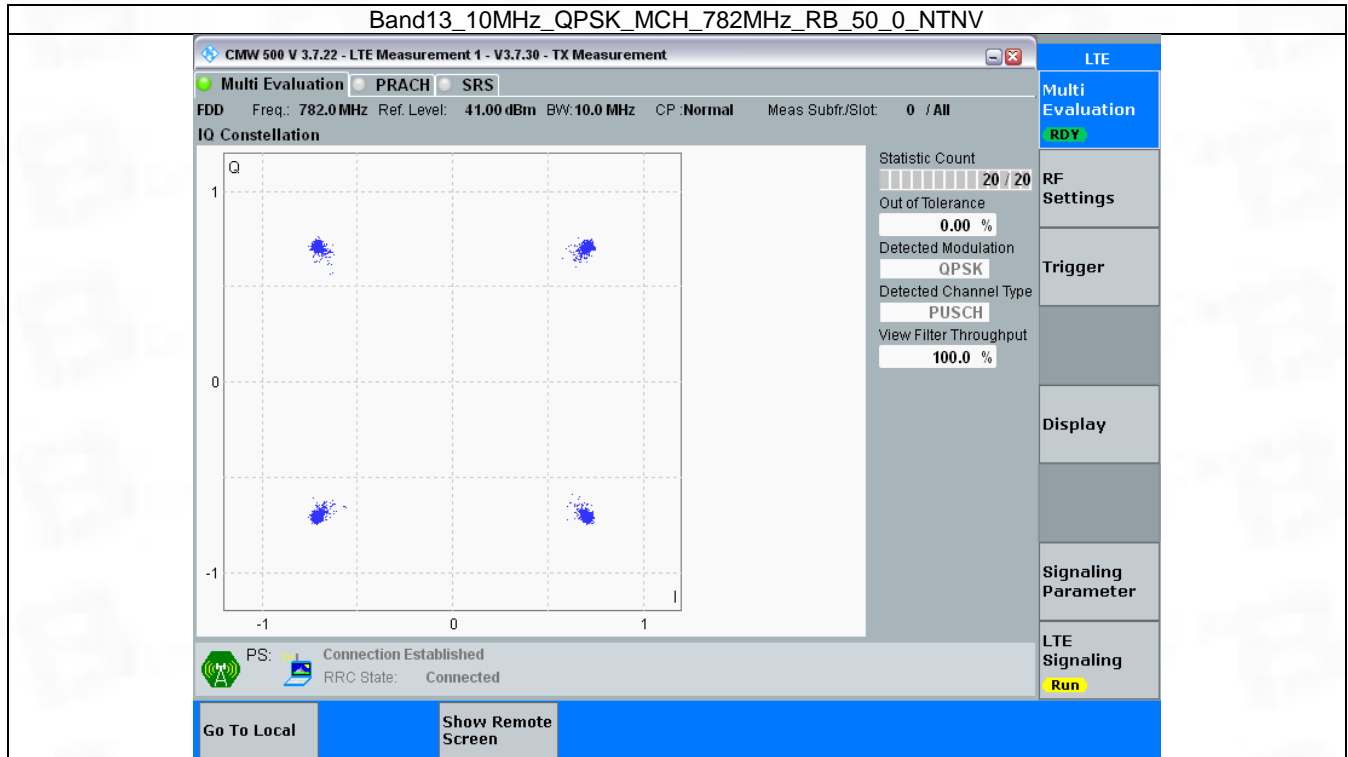


3.2 B13_10MHz

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



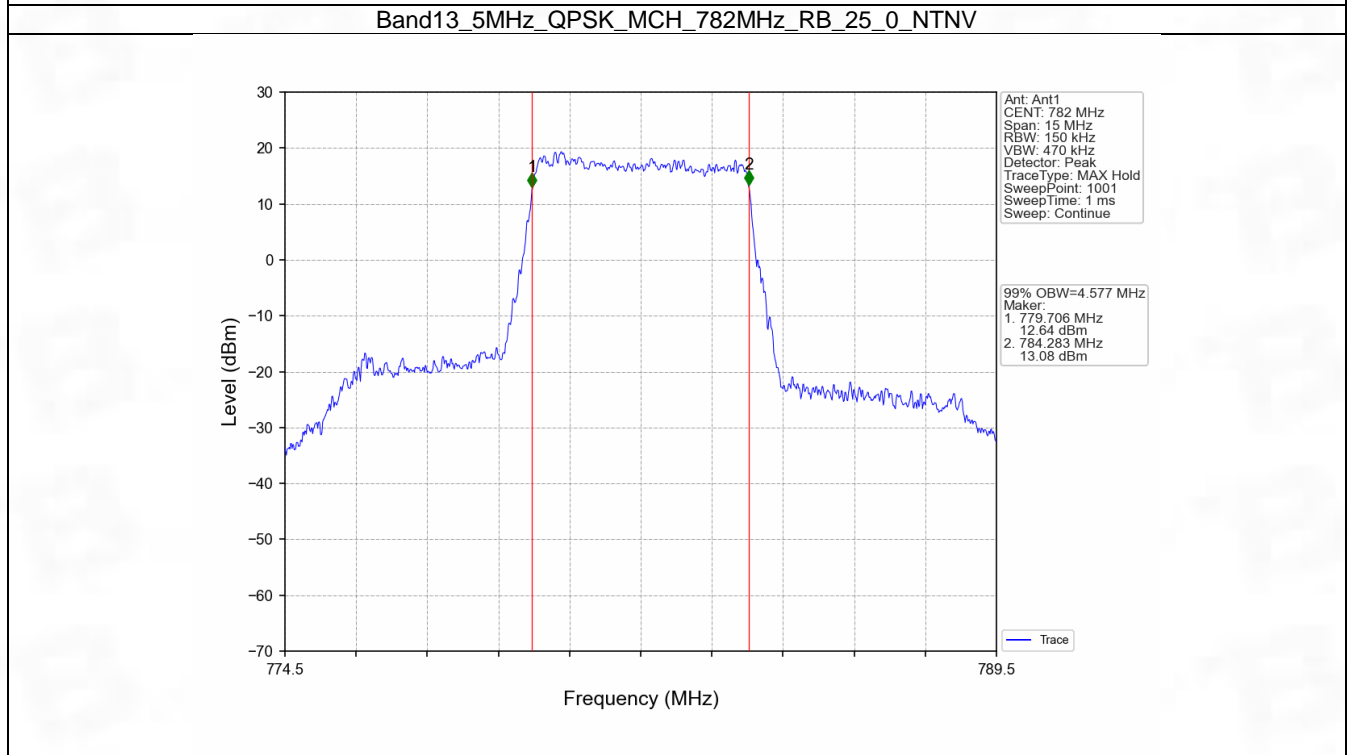
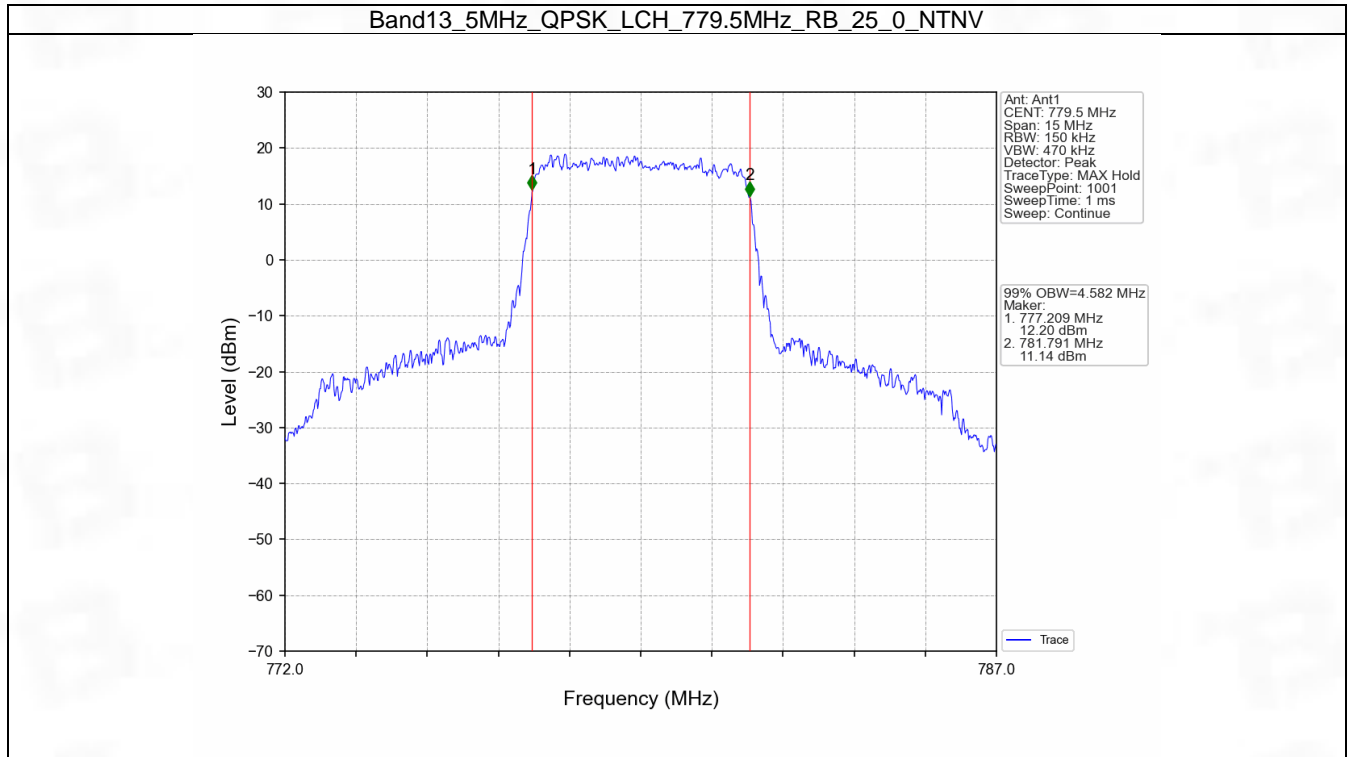
4. 99% & 26dB Bandwidth

4.1 Band13_OBW

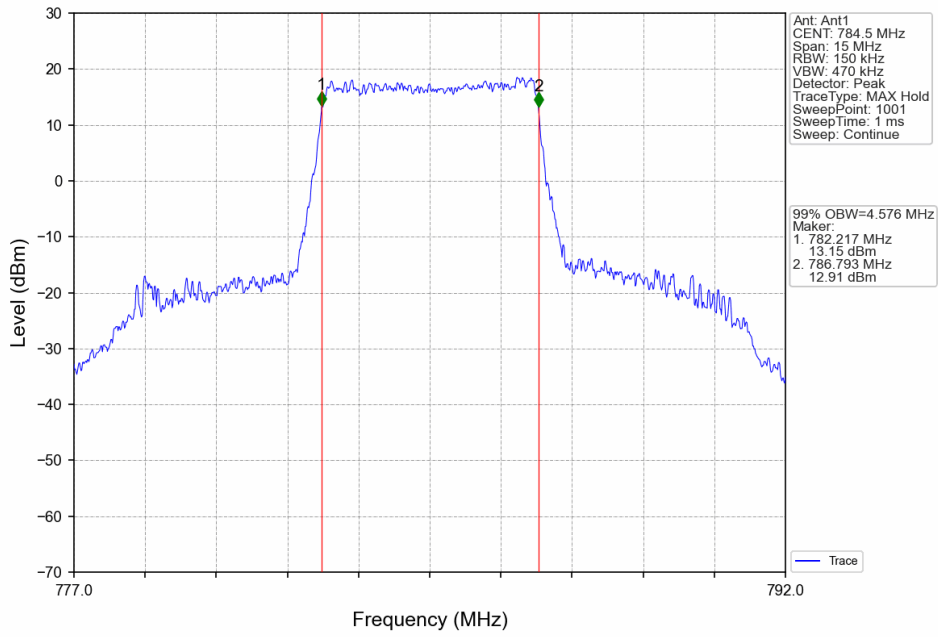
4.1.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.582	Pass
		782	25	0	4.577	Pass
		784.5	25	0	4.576	Pass
	16QAM	779.5	25	0	4.554	Pass
		782	25	0	4.612	Pass
		784.5	25	0	4.594	Pass
10	QPSK	782	50	0	9.140	Pass
	16QAM	782	50	0	9.129	Pass

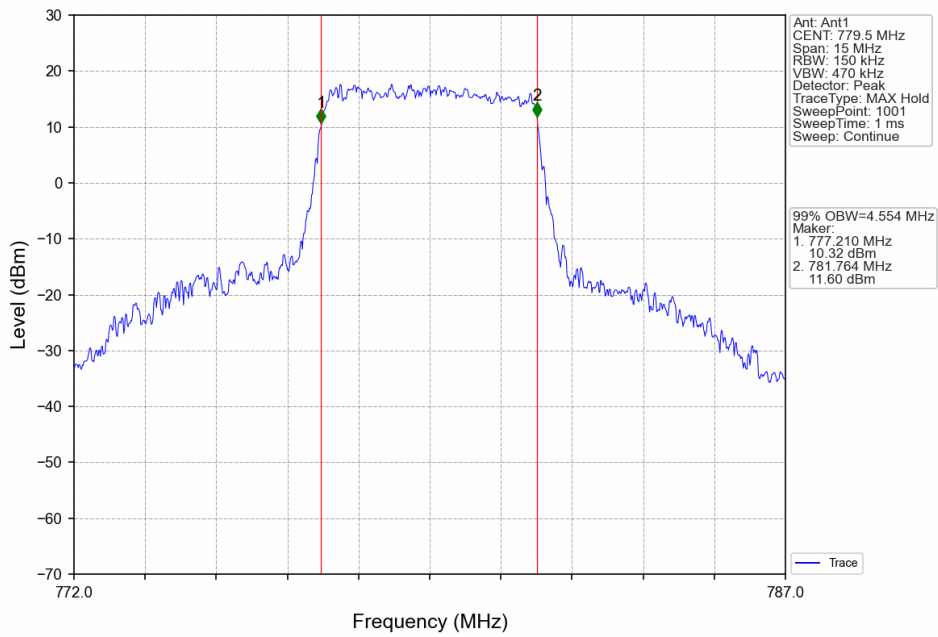
4.1.2 Test Graph



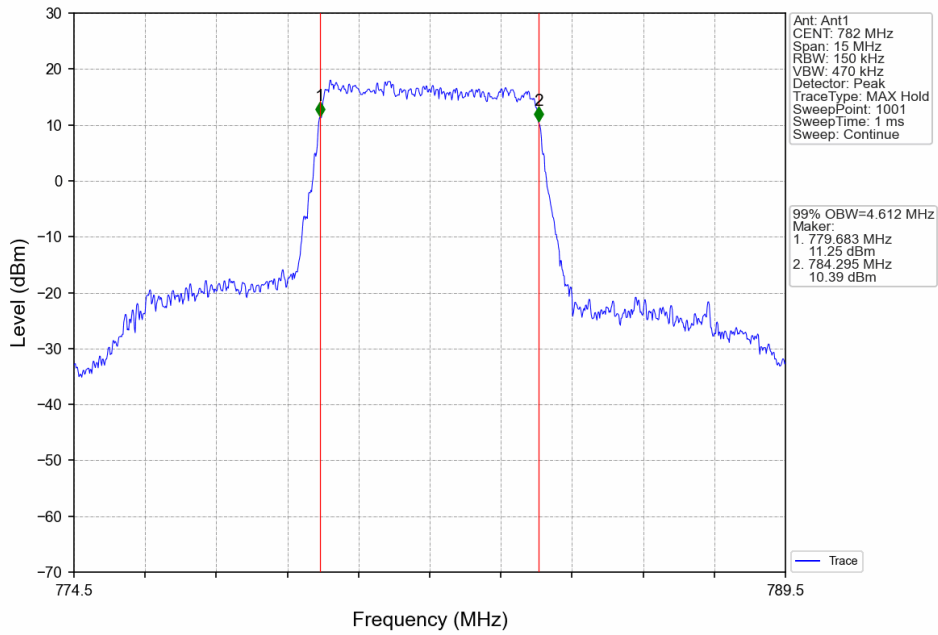
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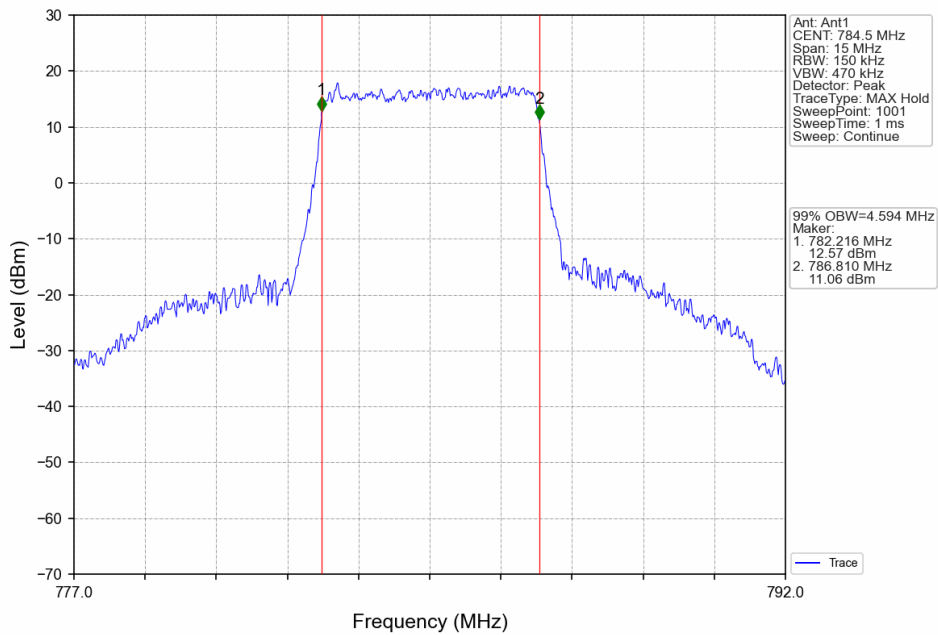
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



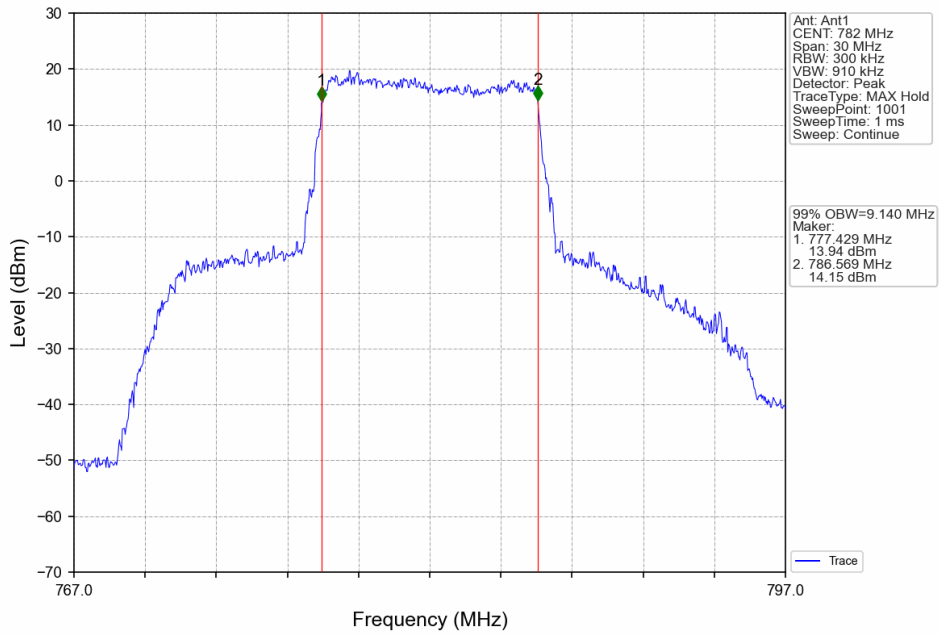
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



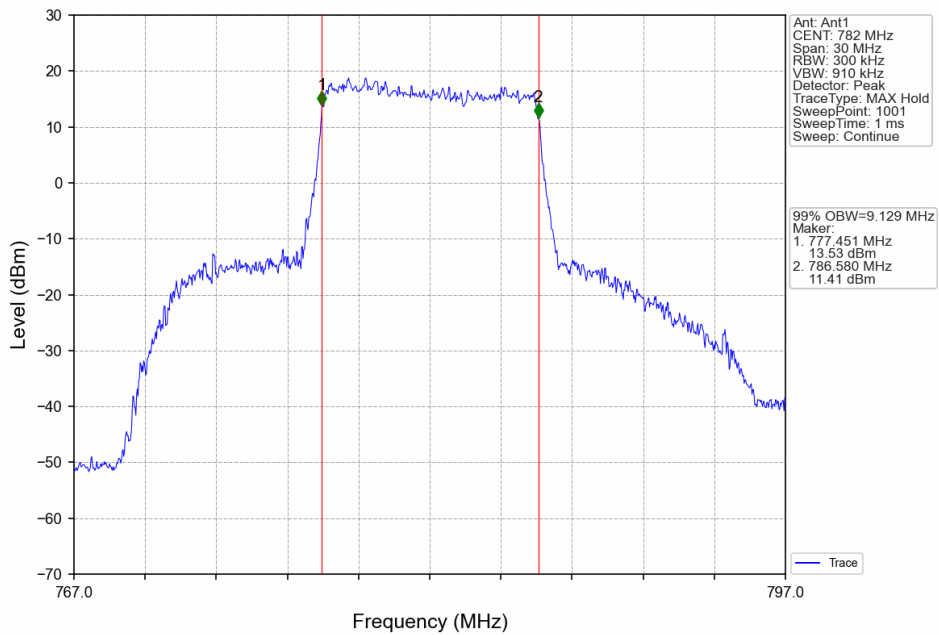
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

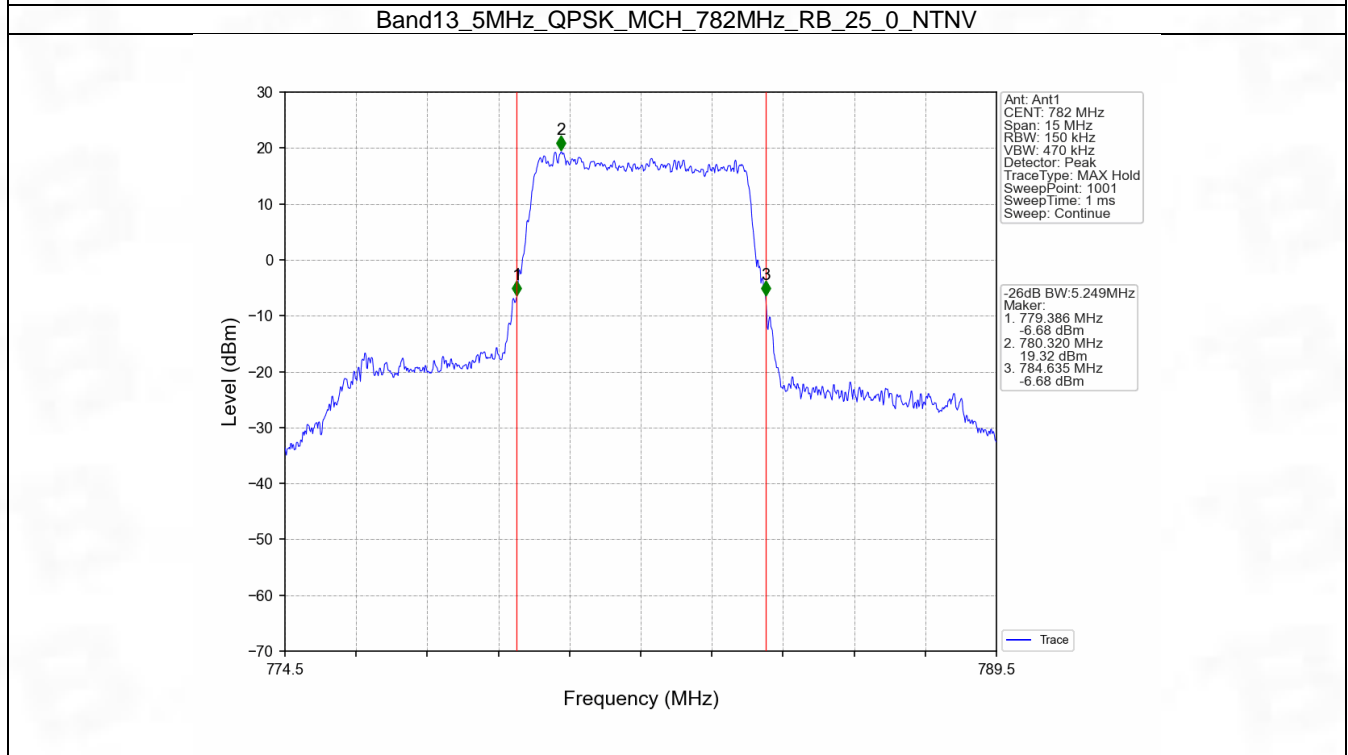
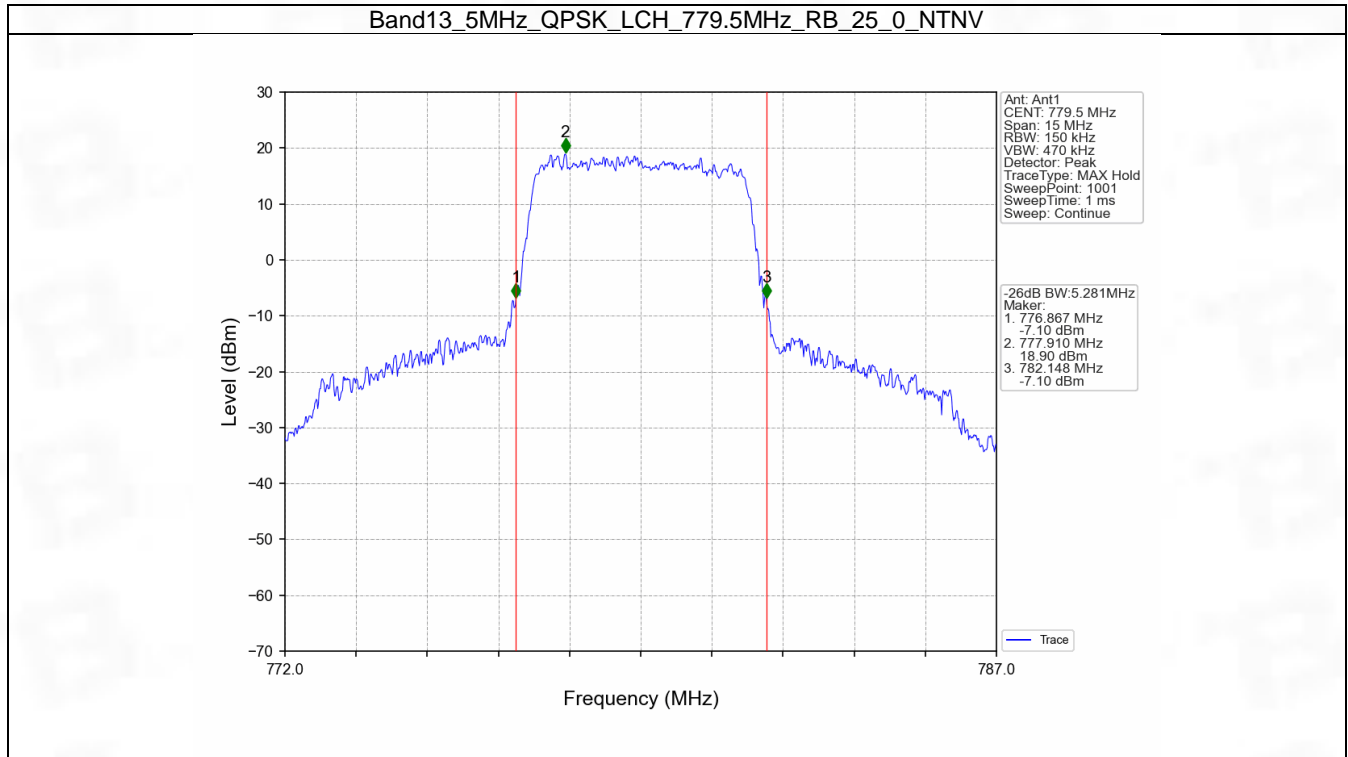


4.2 Band13_XDB

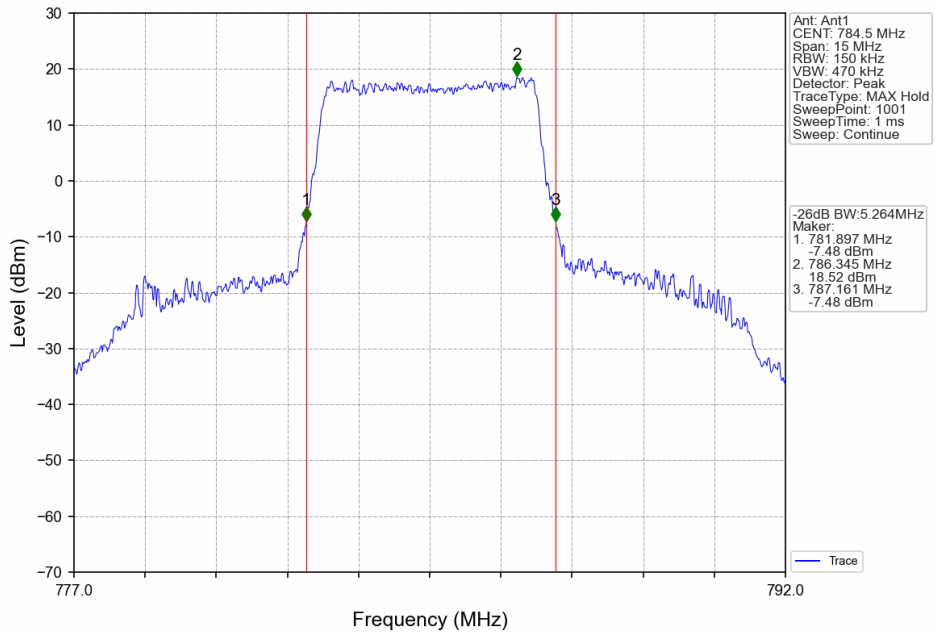
4.2.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.281	Pass
		782	25	0	5.249	Pass
		784.5	25	0	5.264	Pass
	16QAM	779.5	25	0	5.242	Pass
		782	25	0	5.311	Pass
		784.5	25	0	5.299	Pass
10	QPSK	782	50	0	10.444	Pass
	16QAM	782	50	0	10.341	Pass

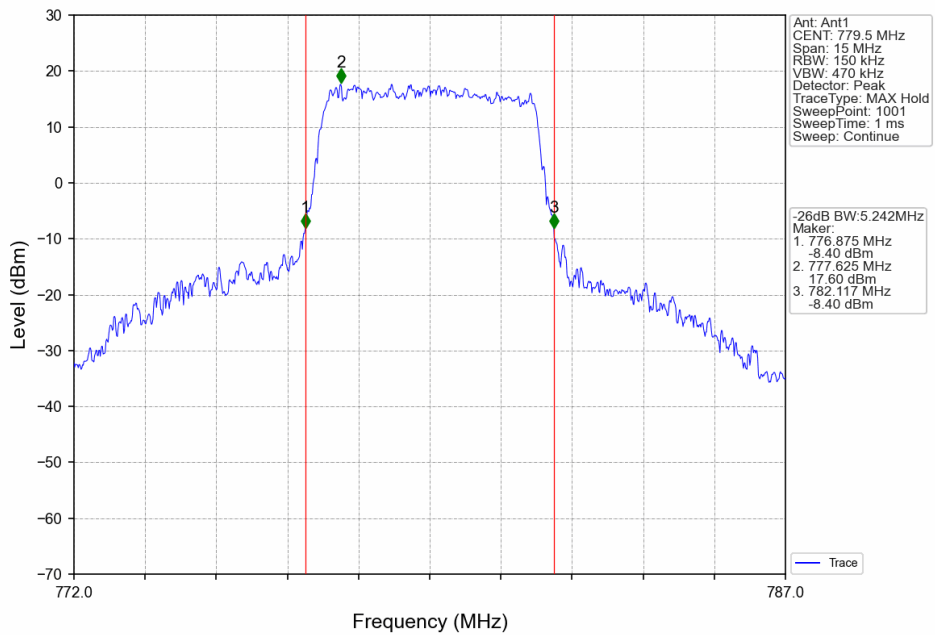
4.2.2 Test Graph



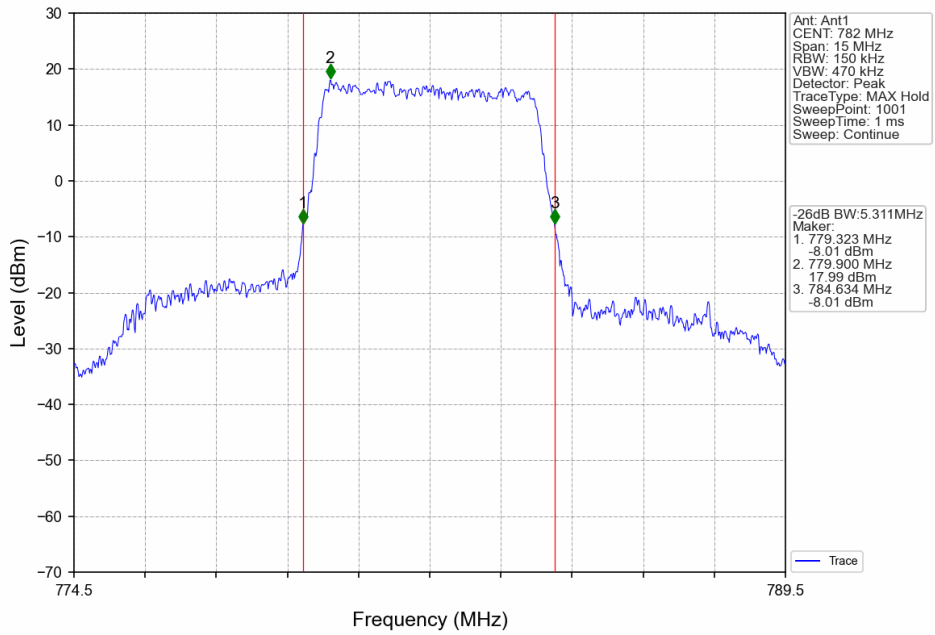
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



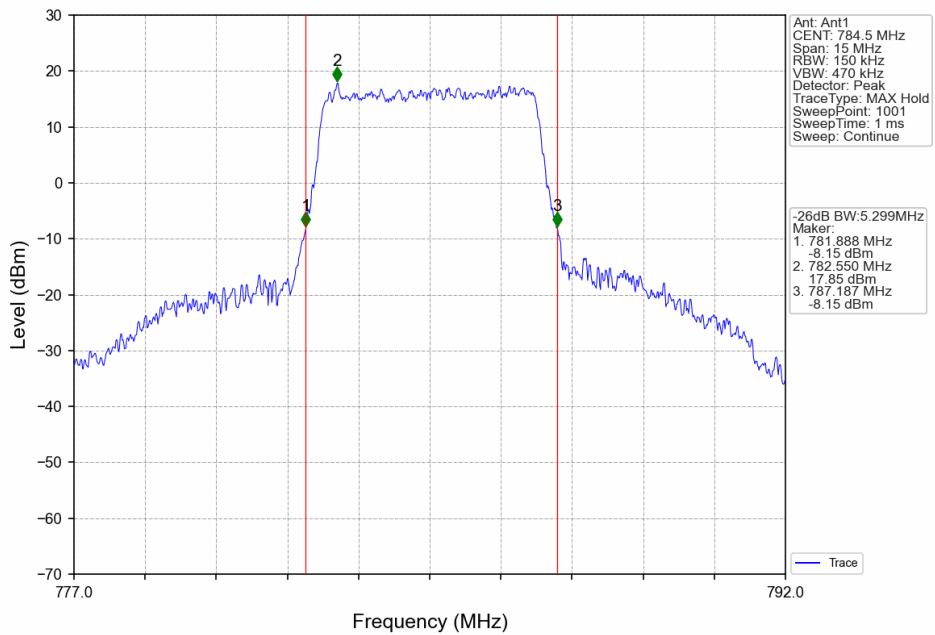
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



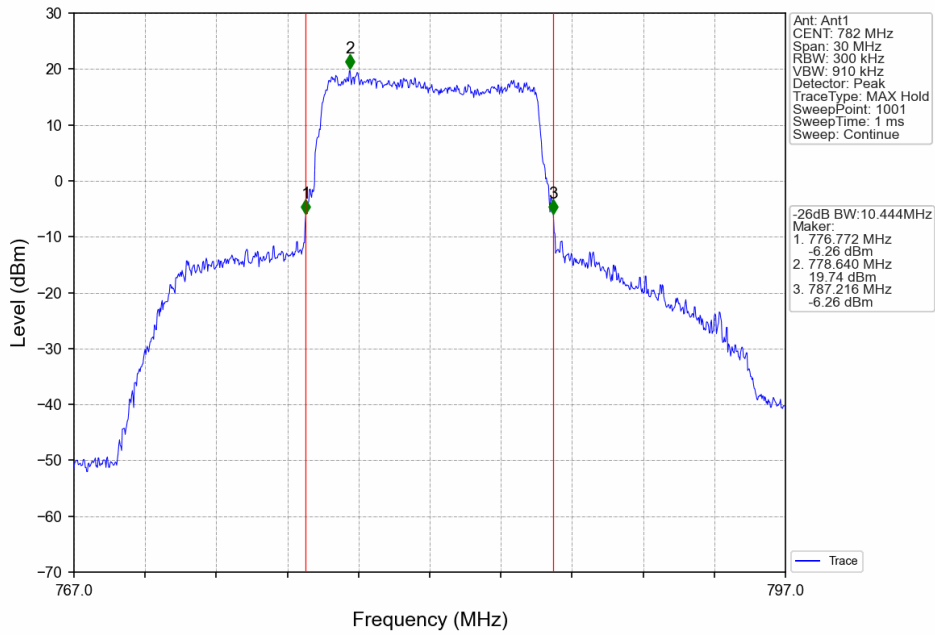
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



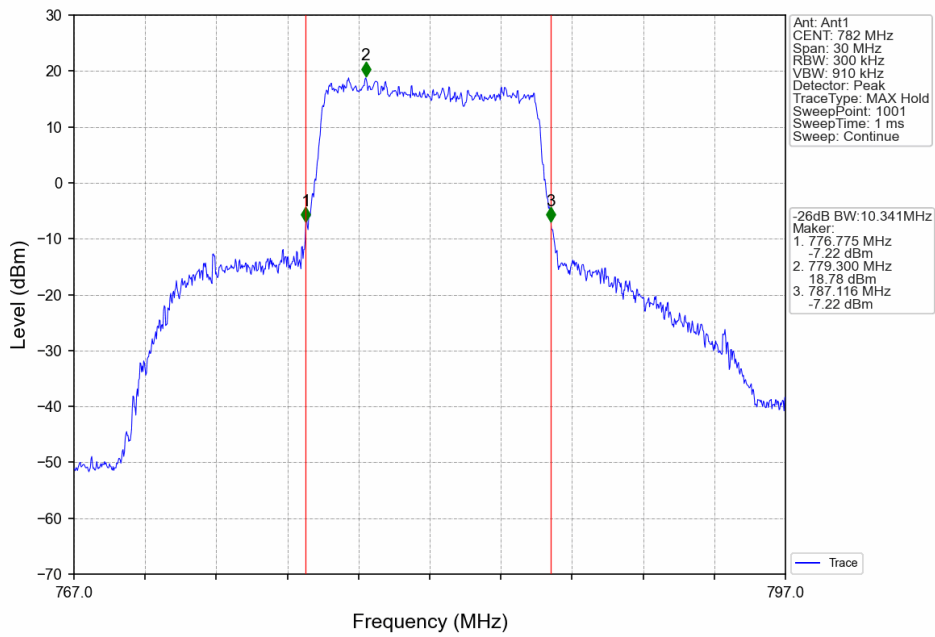
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



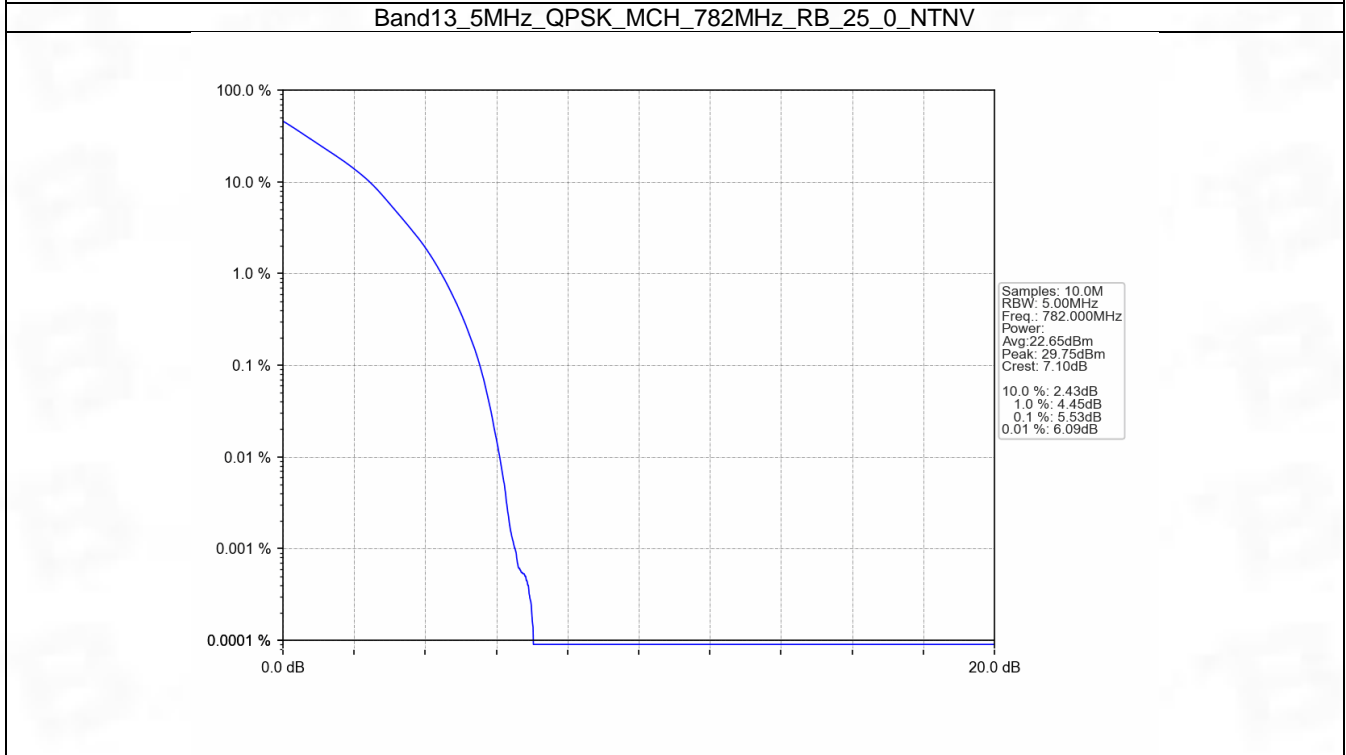
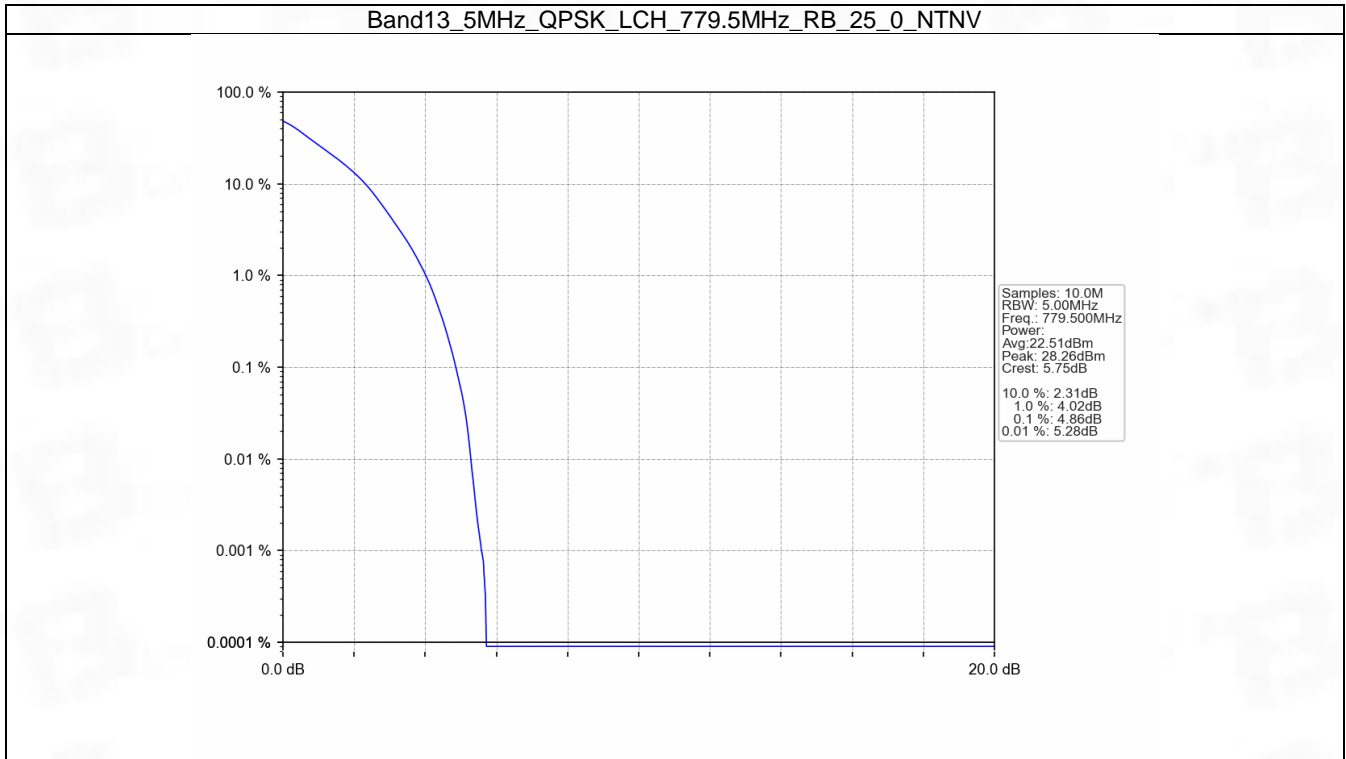
5. Peak-Average Ratio

5.1 B13_5MHz

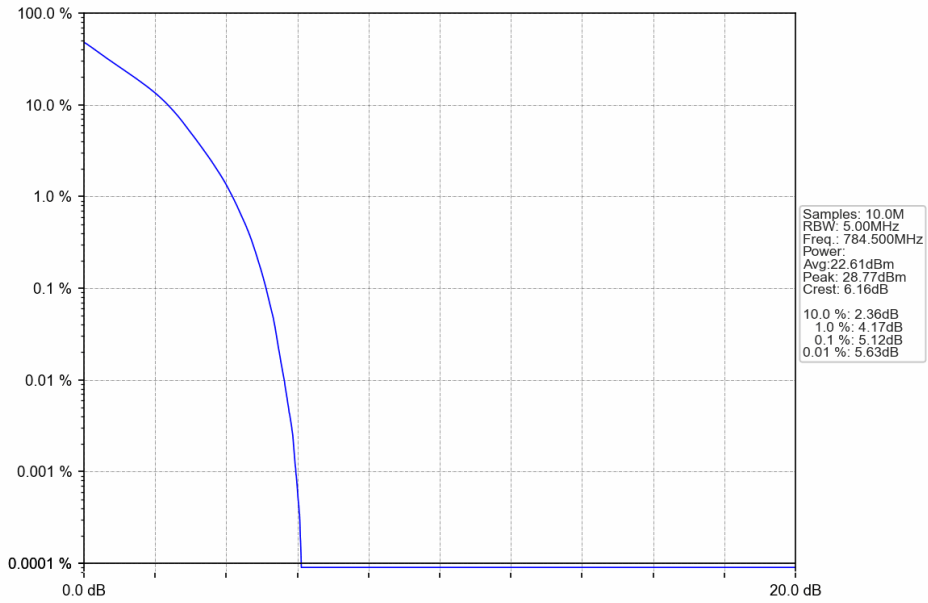
5.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.86	<=13	Pass
	782	25	0	5.53	<=13	Pass
	784.5	25	0	5.12	<=13	Pass
16QAM	779.5	25	0	5.62	<=13	Pass
	782	25	0	6.27	<=13	Pass
	784.5	25	0	5.86	<=13	Pass

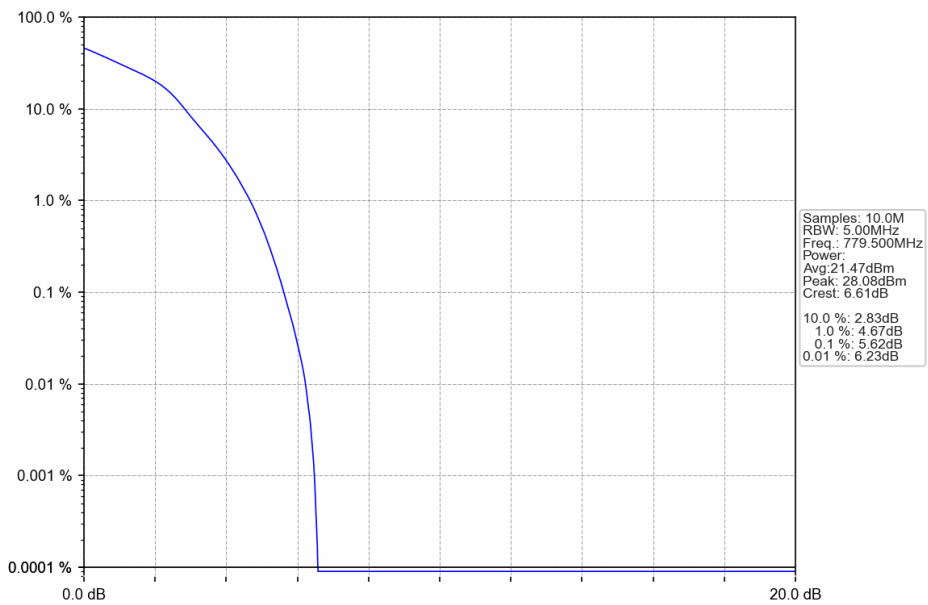
5.1.2 Test Graph



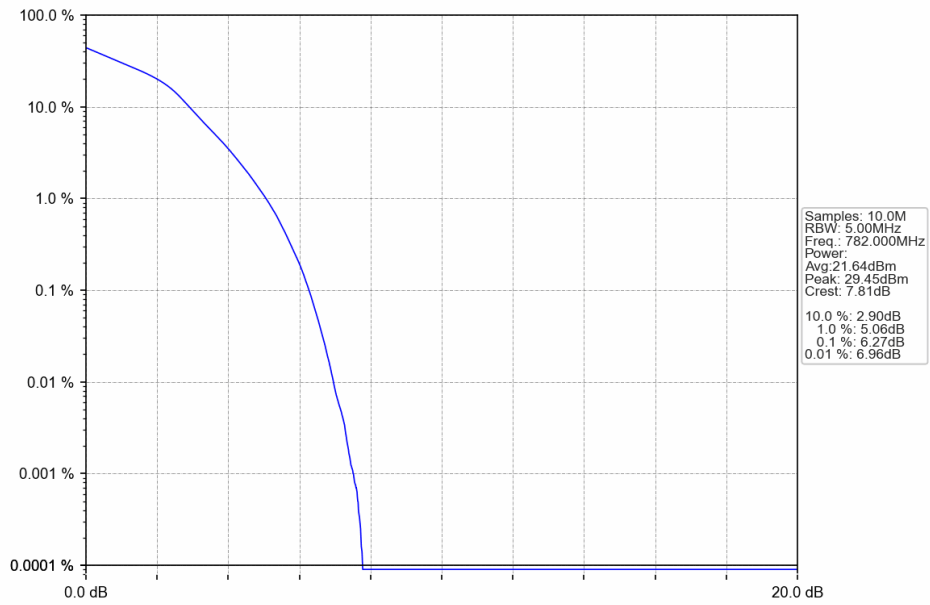
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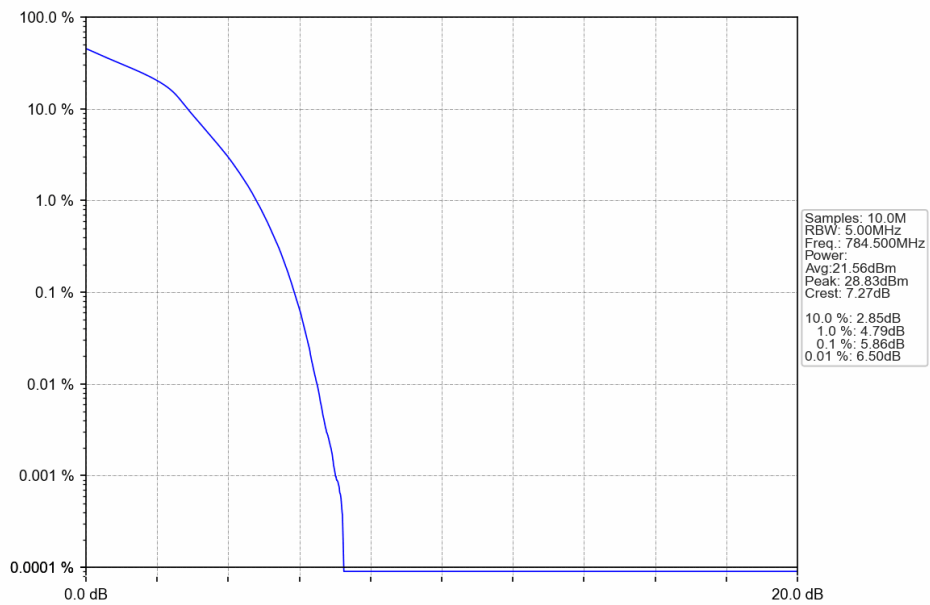
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

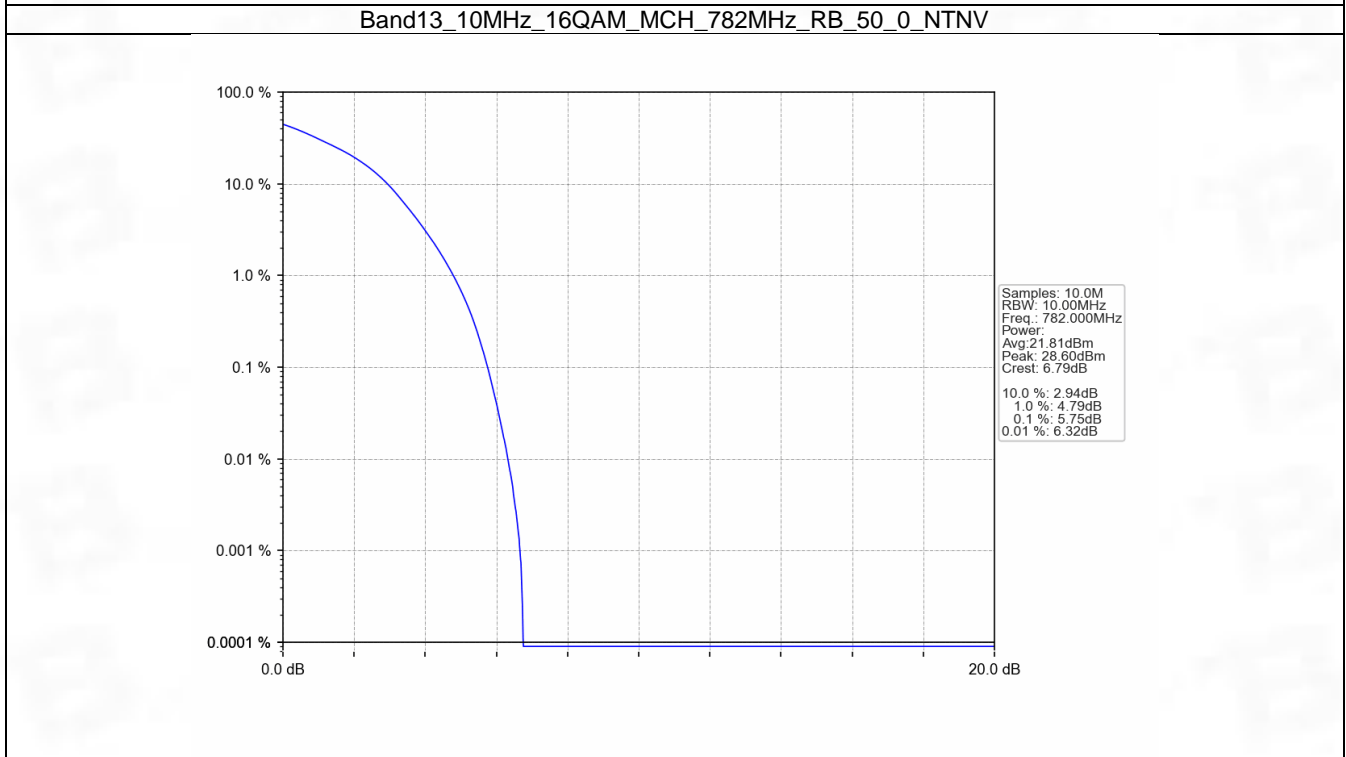
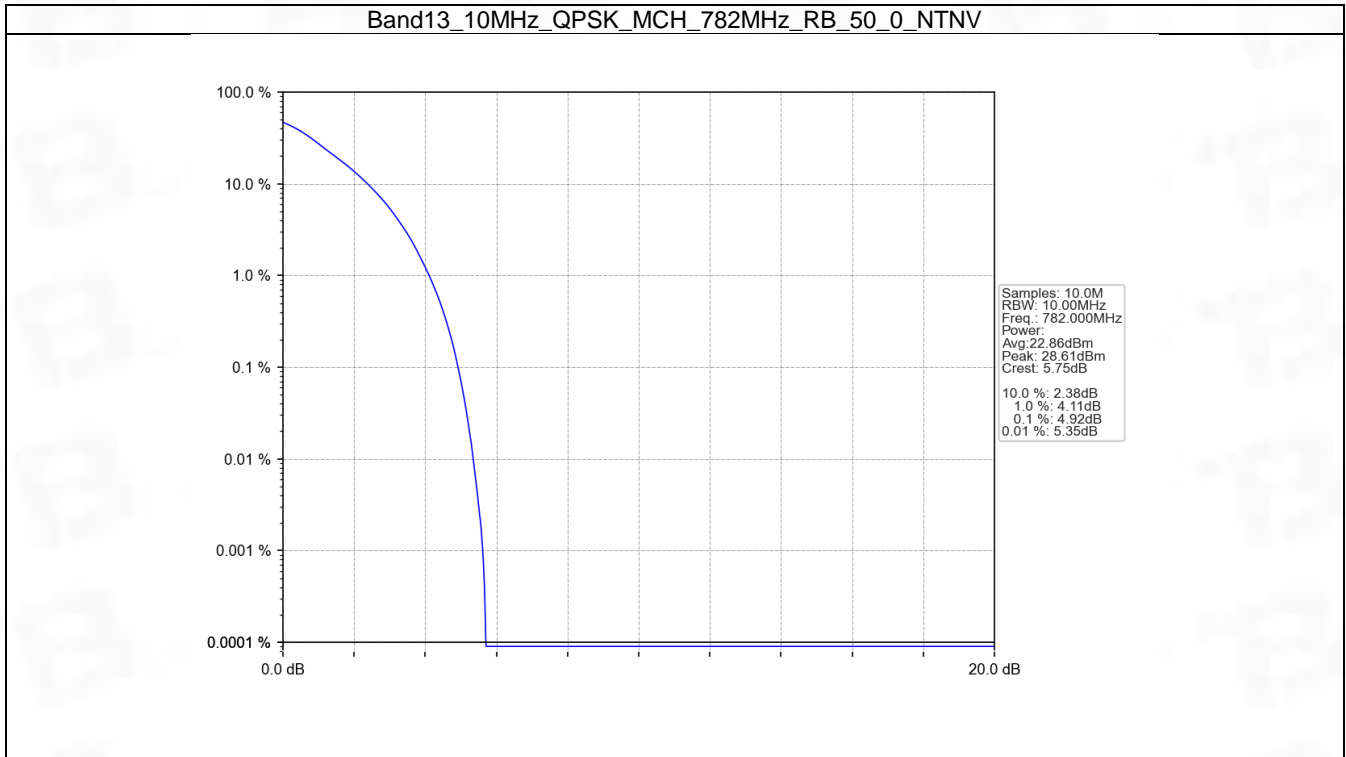


5.2 B13_10MHz

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	4.92	<=13	Pass
16QAM	782	50	0	5.75	<=13	Pass

5.2.2 Test Graph



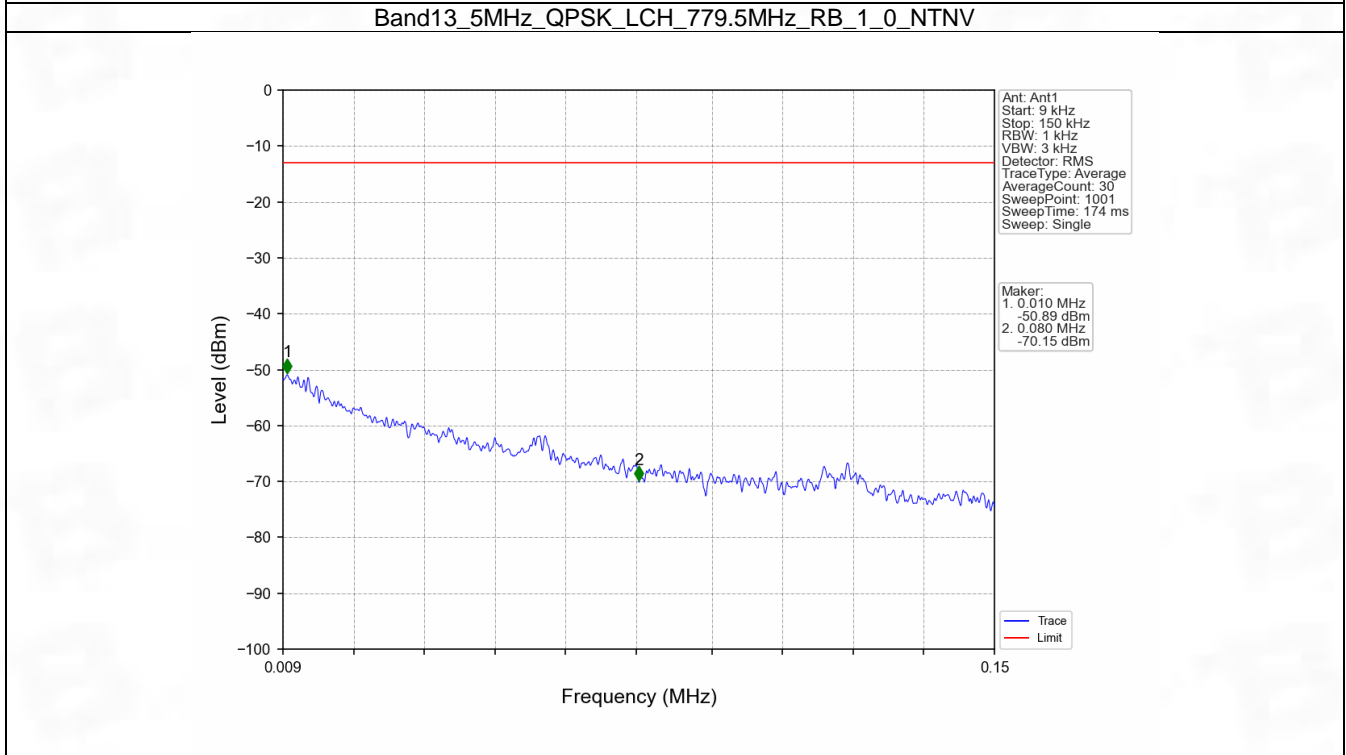
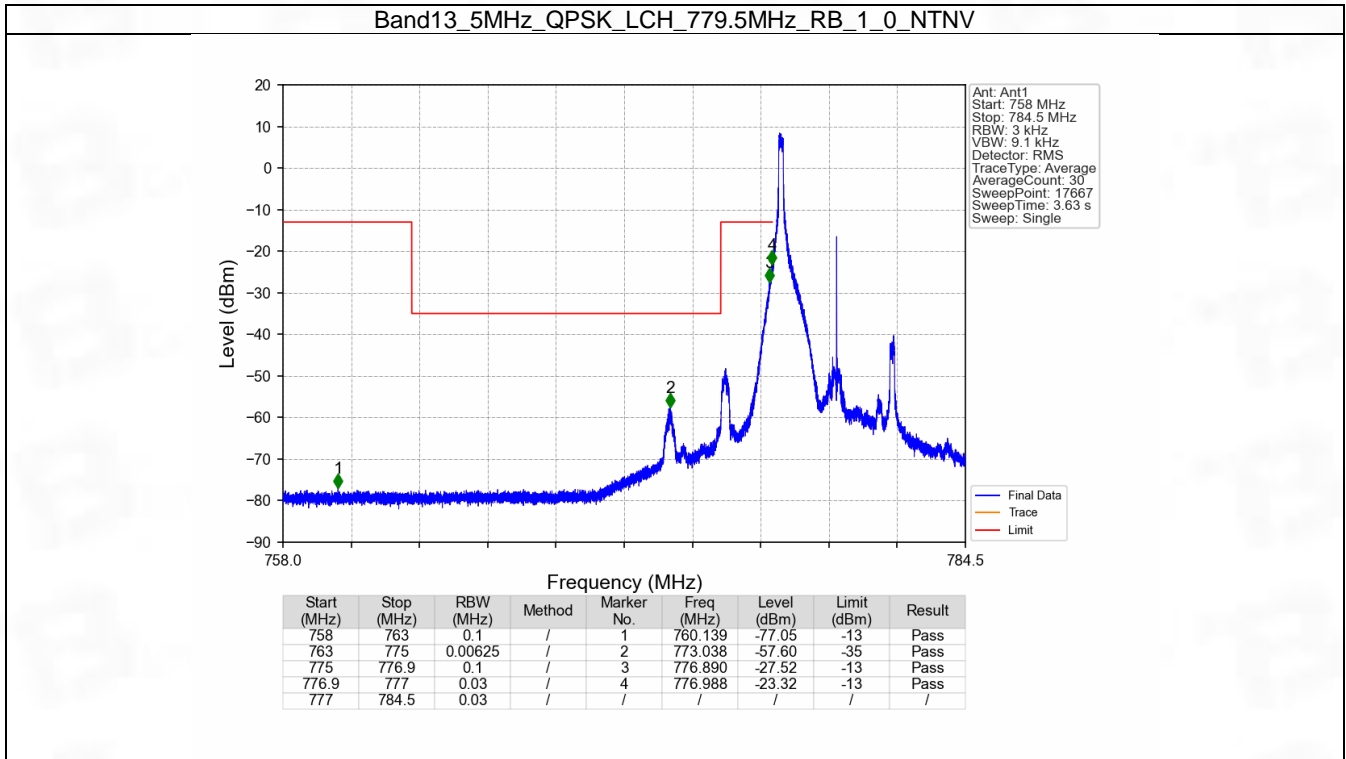
6. Spurious Emission

6.1 B13_5MHz

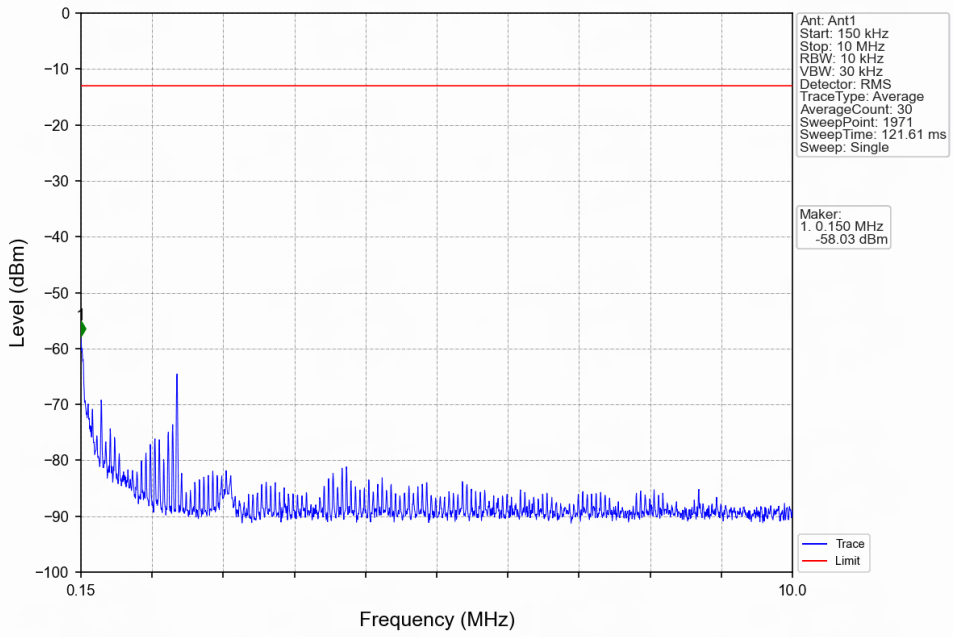
6.1.1 Test Result

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

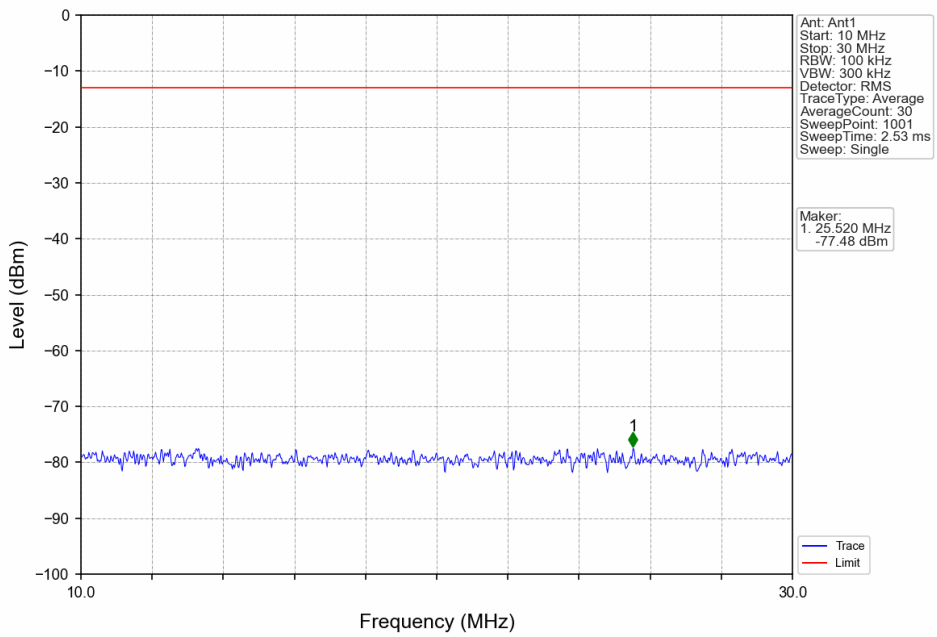
6.1.2 Test Graph



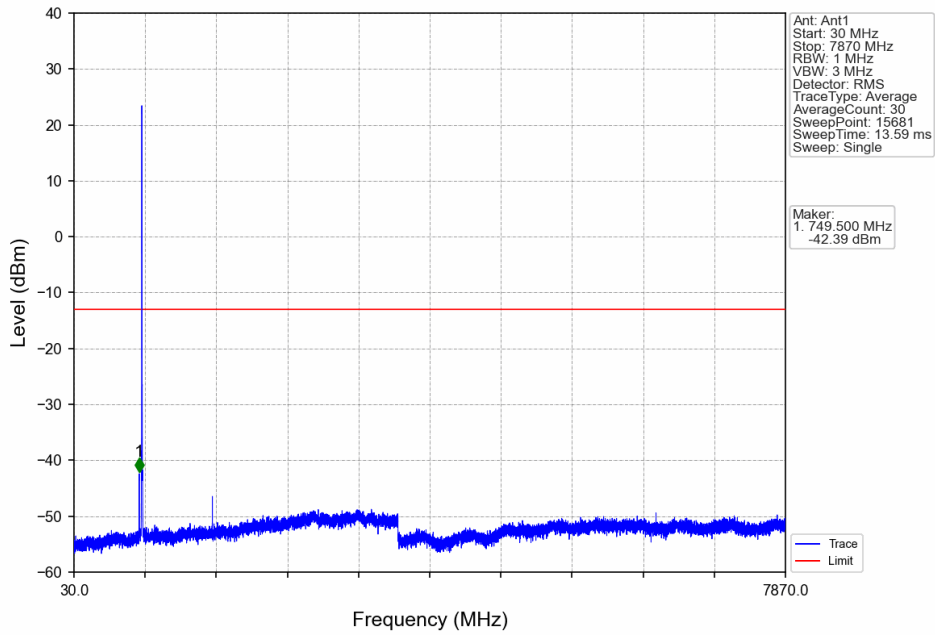
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



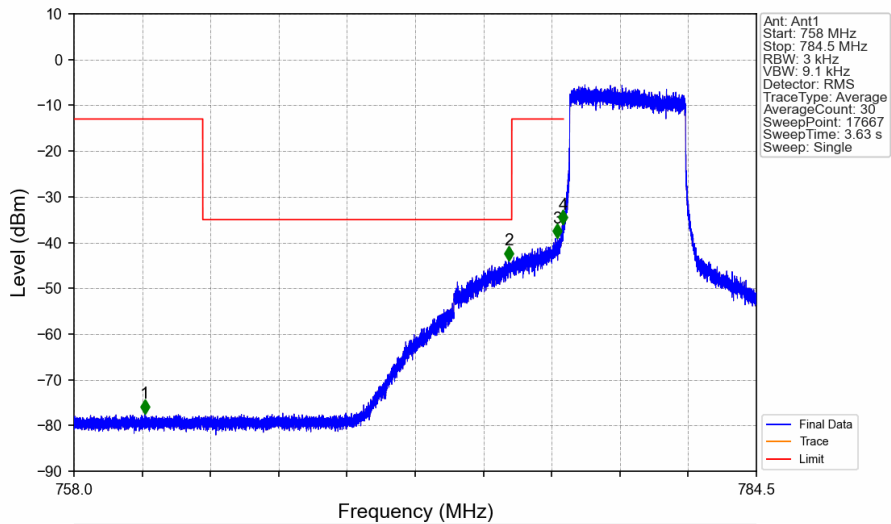
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

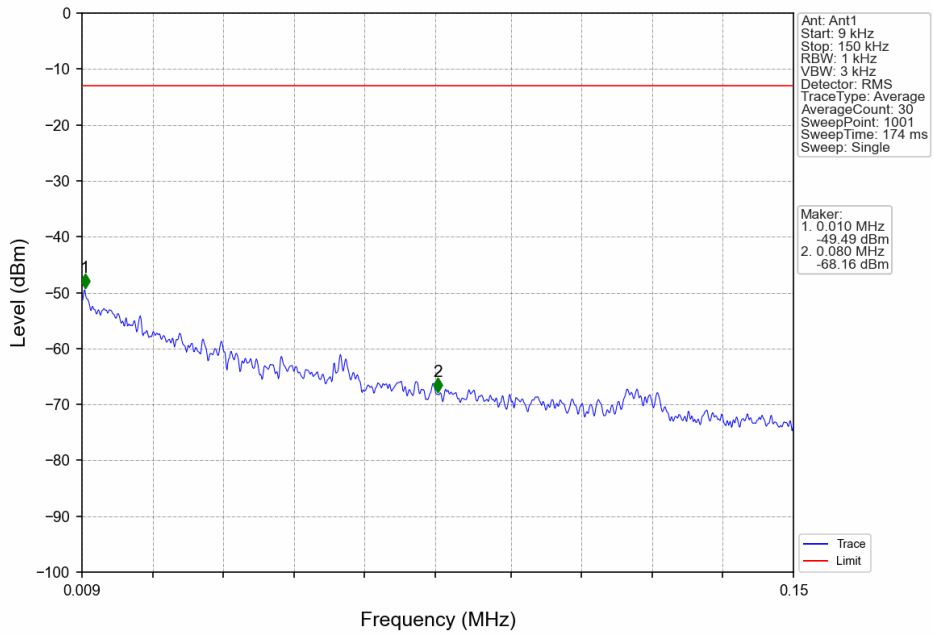


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

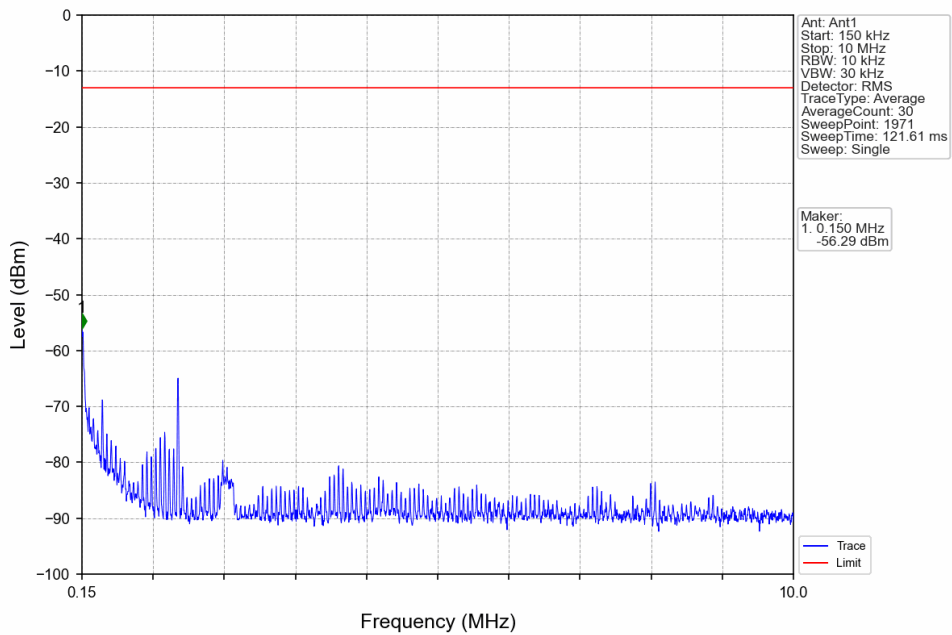


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	/	1	760.753	-77.40	-13	Pass
763	775	0.00625	/	2	774.888	-43.90	-35	Pass
775	776.9	0.1	/	3	776.778	-38.98	-13	Pass
776.9	777	0.03	/	4	776.985	-36.07	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

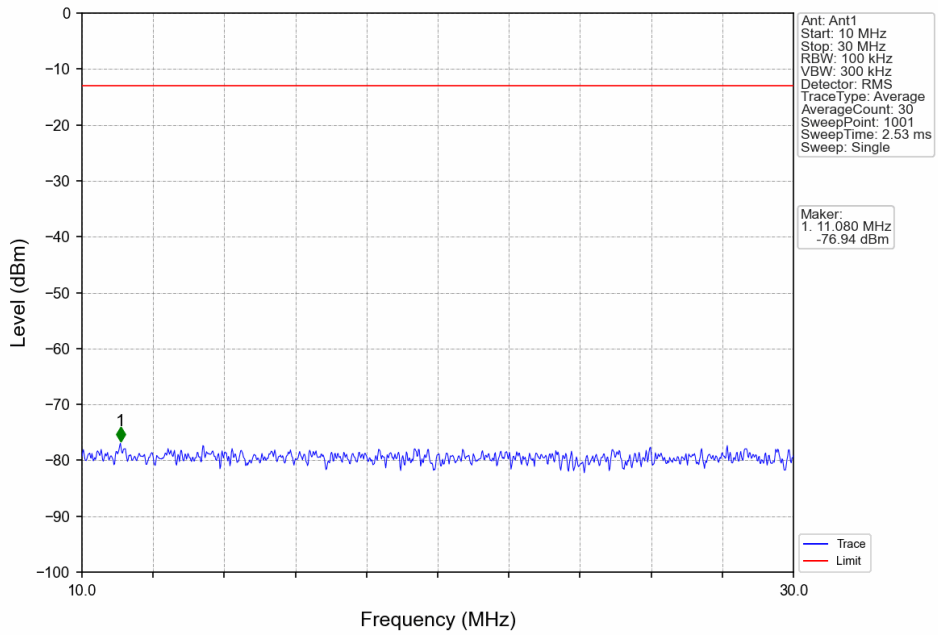
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



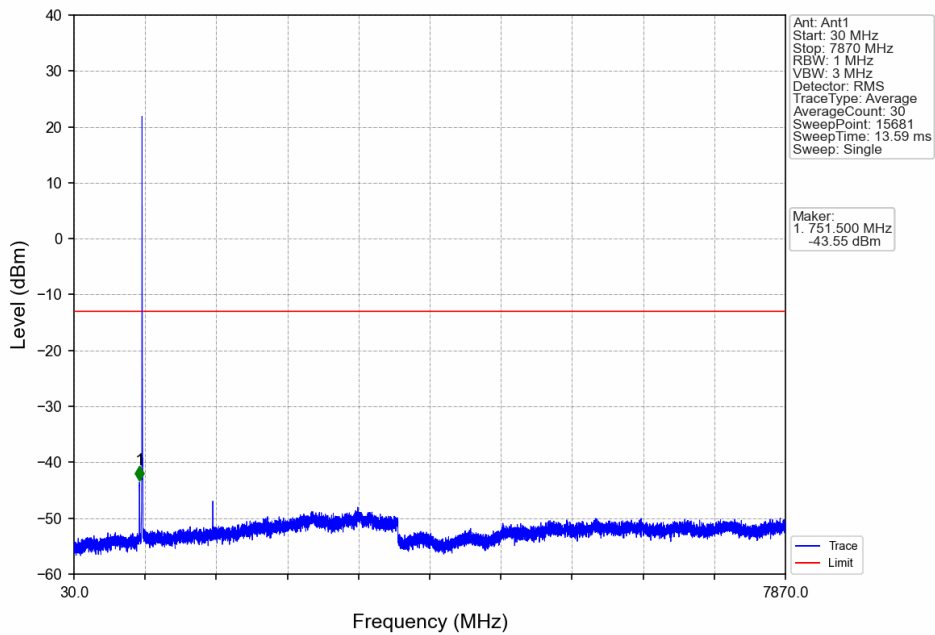
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



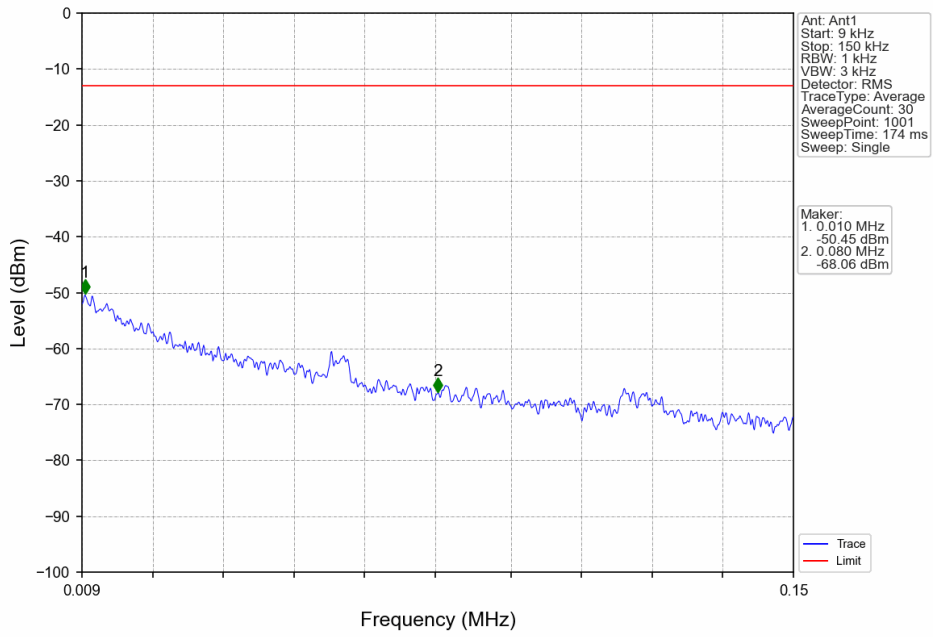
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



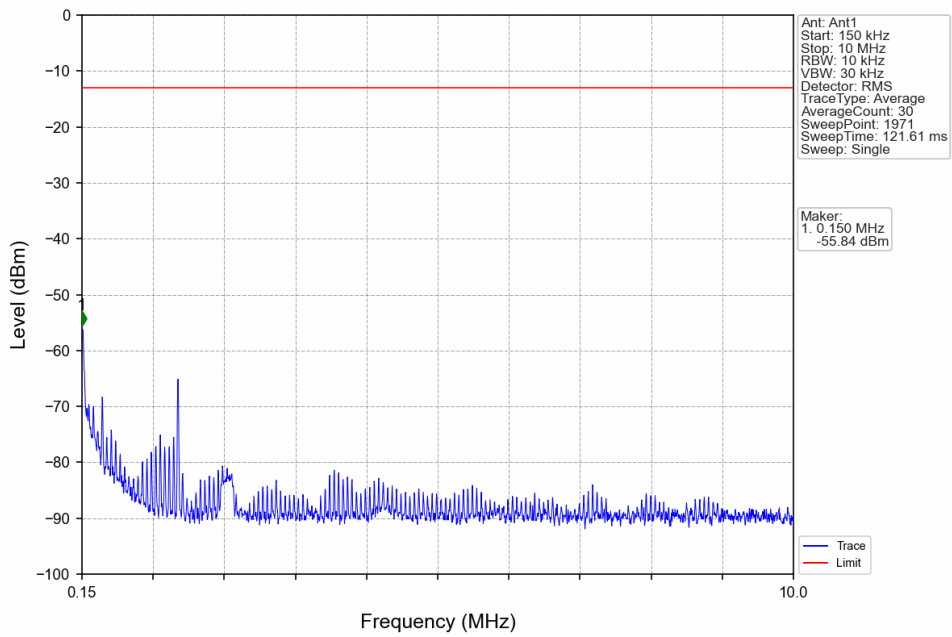
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



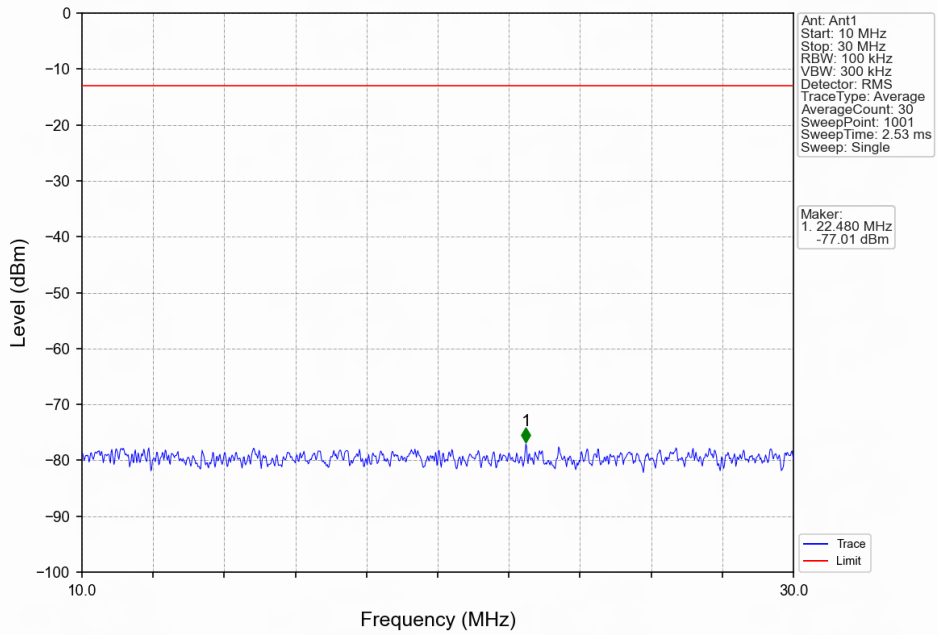
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



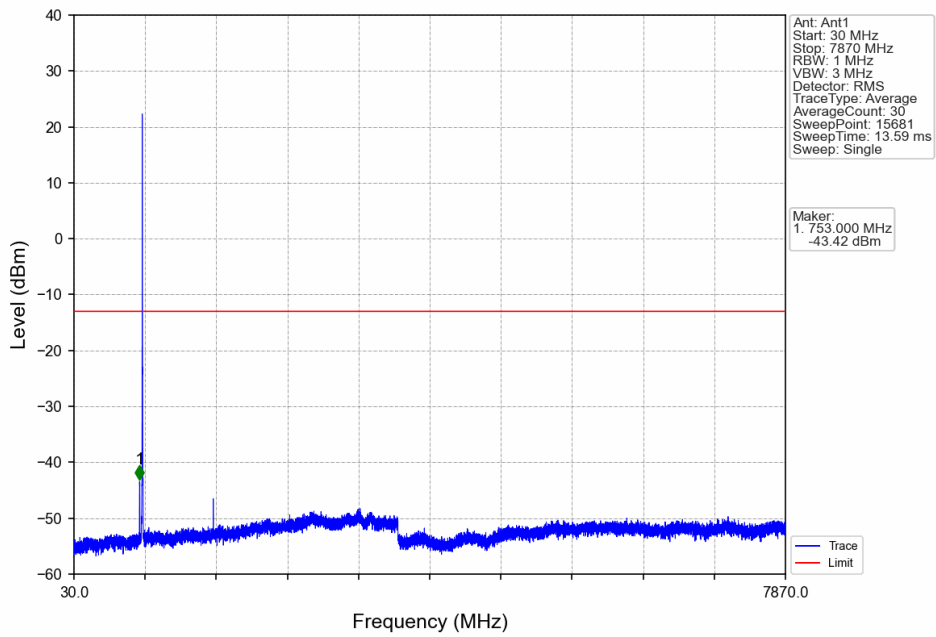
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



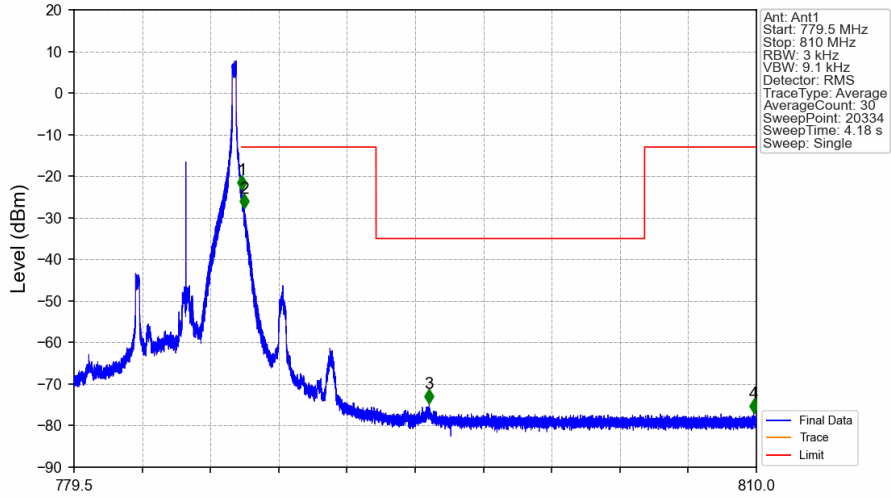
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

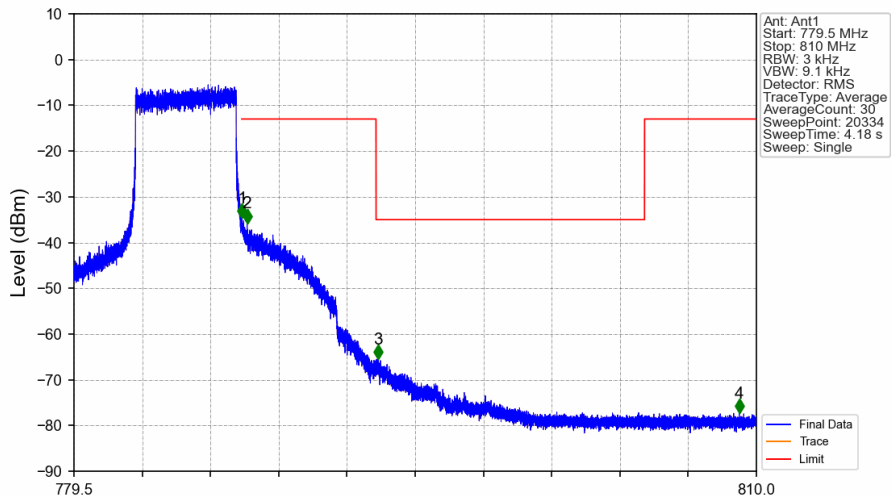


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



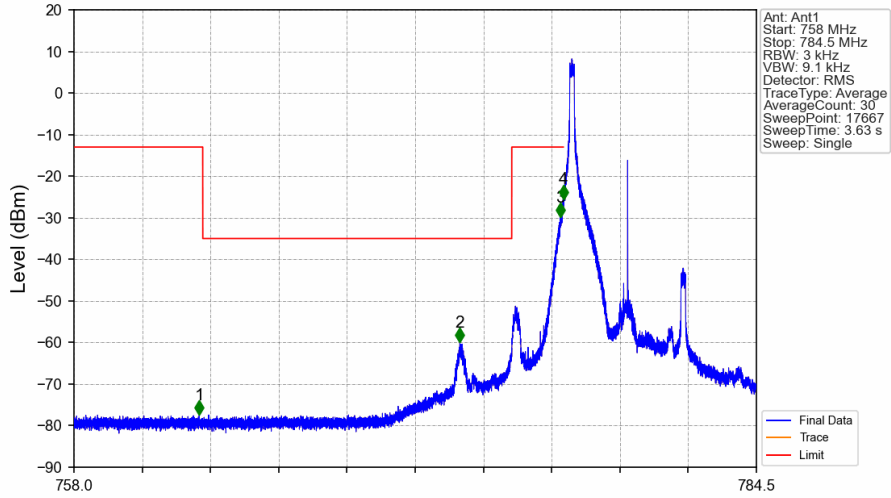
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.011	-23.25	-13	Pass
787.1	793	0.1	/	2	787.107	-27.80	-13	Pass
793	805	0.00625	/	3	795.379	-74.70	-35	Pass
805	810	0.1	/	4	809.875	-77.01	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



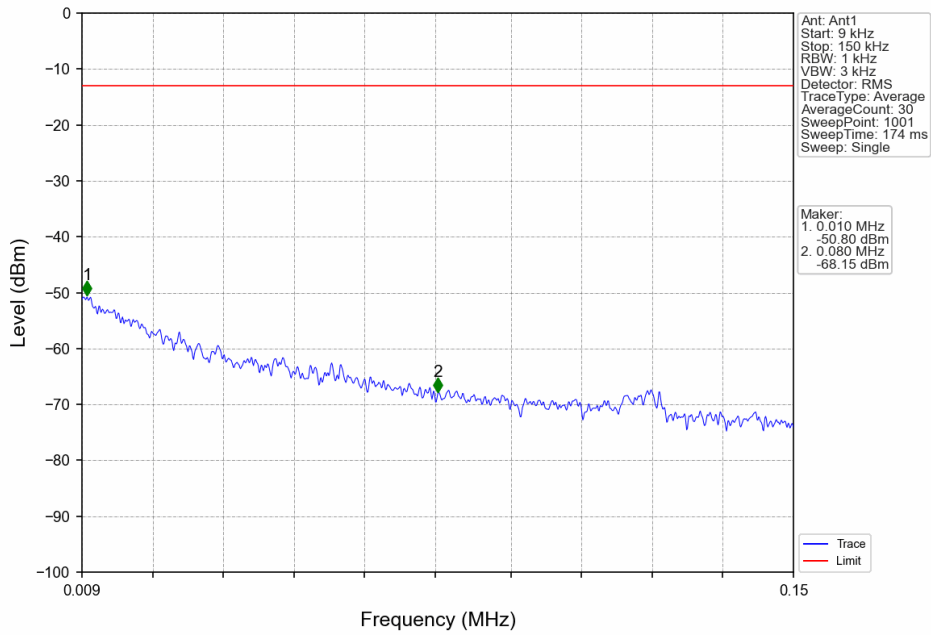
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.012	-34.63	-13	Pass
787.1	793	0.1	/	2	787.237	-35.79	-13	Pass
793	805	0.00625	/	3	793.107	-65.44	-35	Pass
805	810	0.1	/	4	809.232	-77.29	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

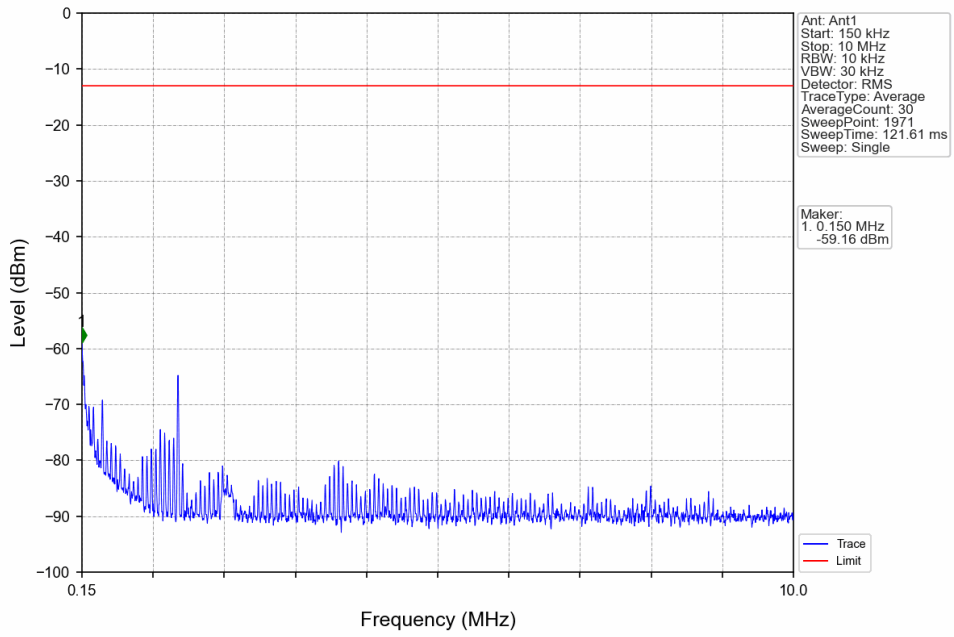


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	/	1	762.863	-77.34	-13	Pass
763	775	0.00625	/	2	772.986	-59.91	-35	Pass
775	776.9	0.1	/	3	776.890	-29.86	-13	Pass
776.9	777	0.03	/	4	776.998	-25.51	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

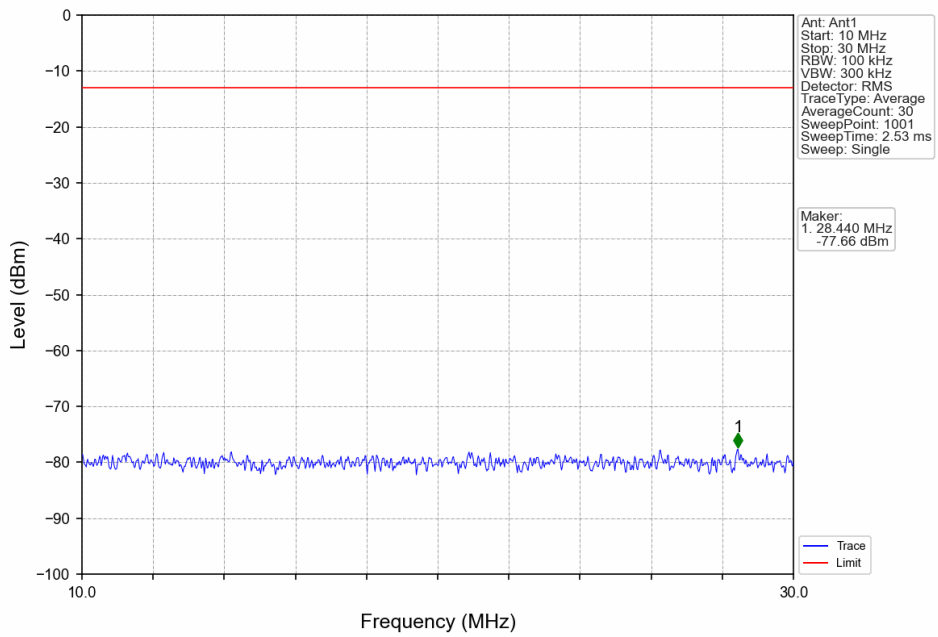
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



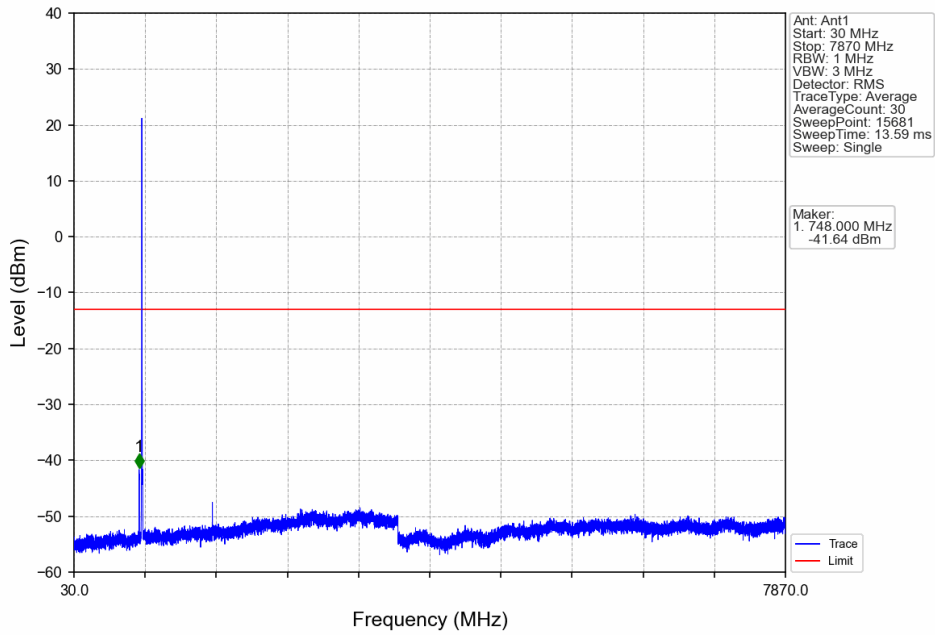
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



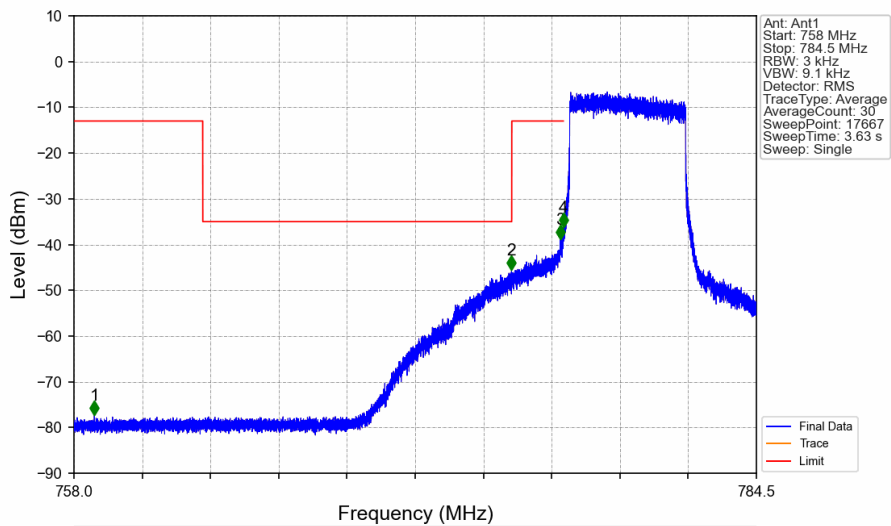
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

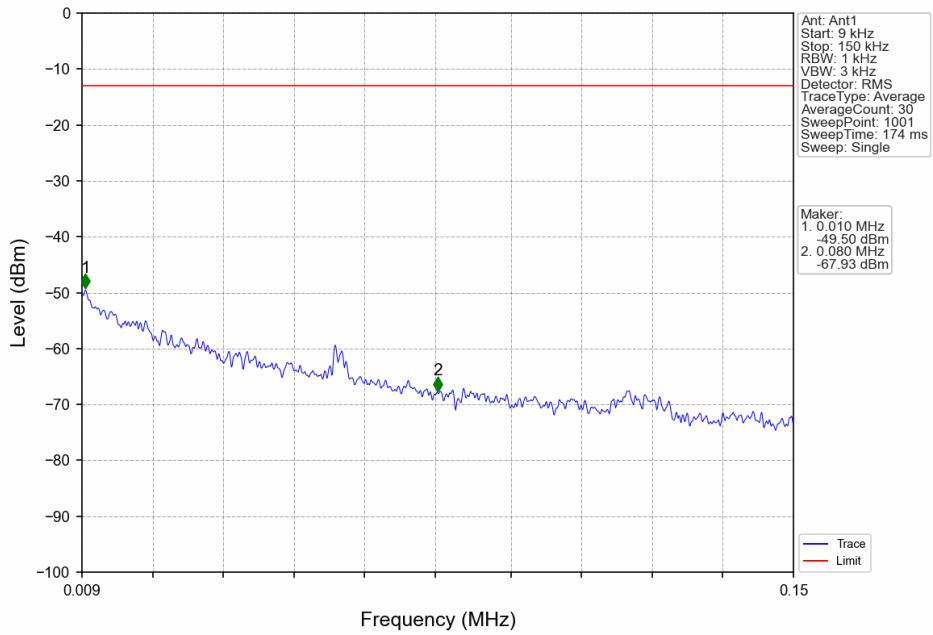


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

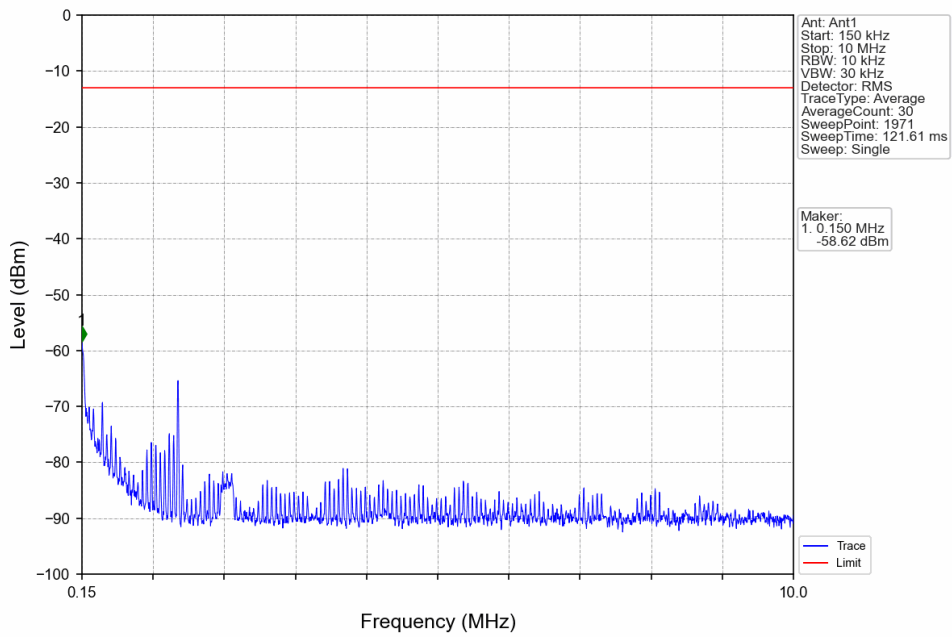


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	/	1	758.791	-77.38	-13	Pass
763	775	0.00625	/	2	774.993	-45.57	-35	Pass
775	776.9	0.1	/	3	776.890	-38.84	-13	Pass
776.9	777	0.03	/	4	777.000	-36.27	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

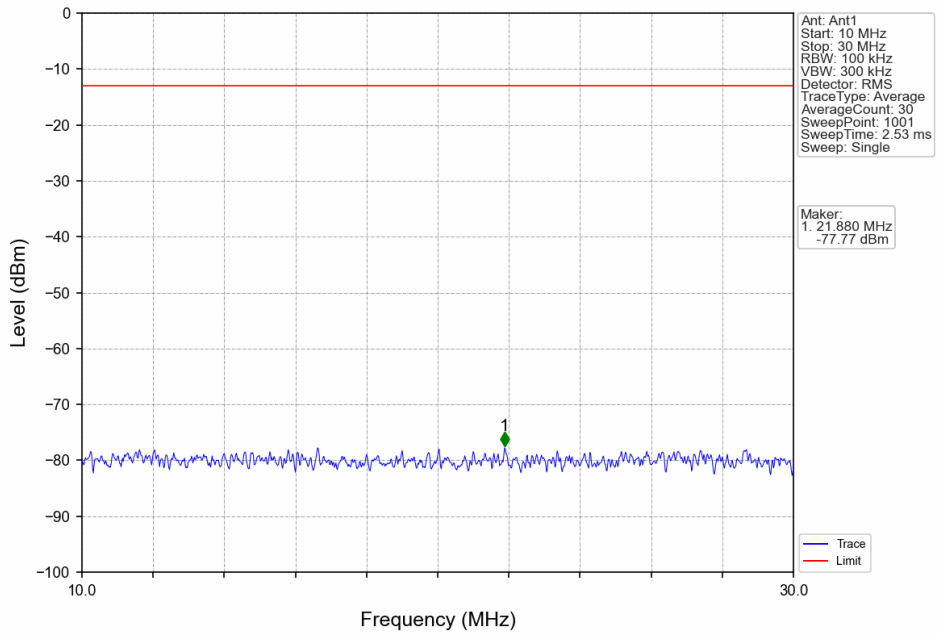
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



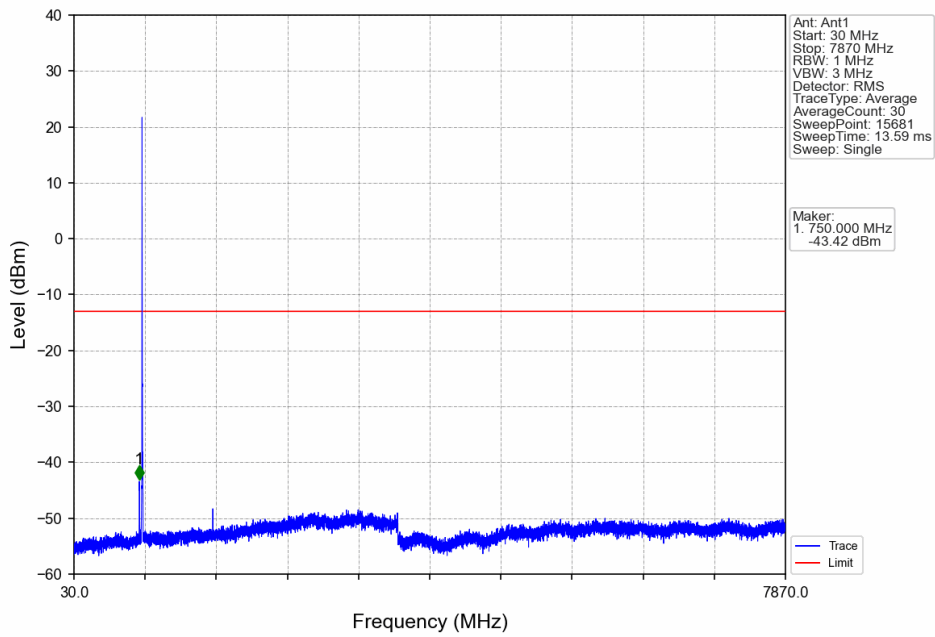
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



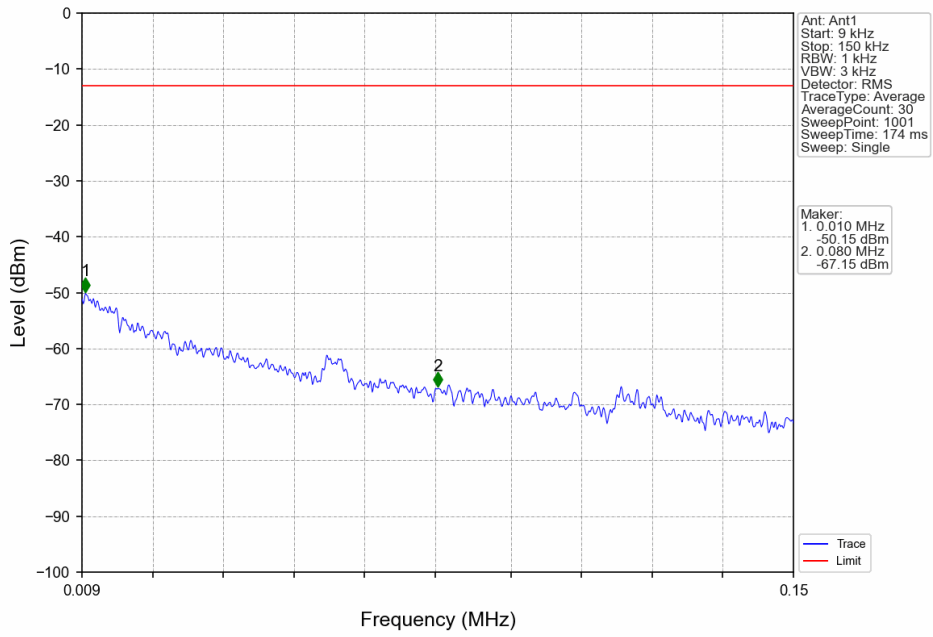
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



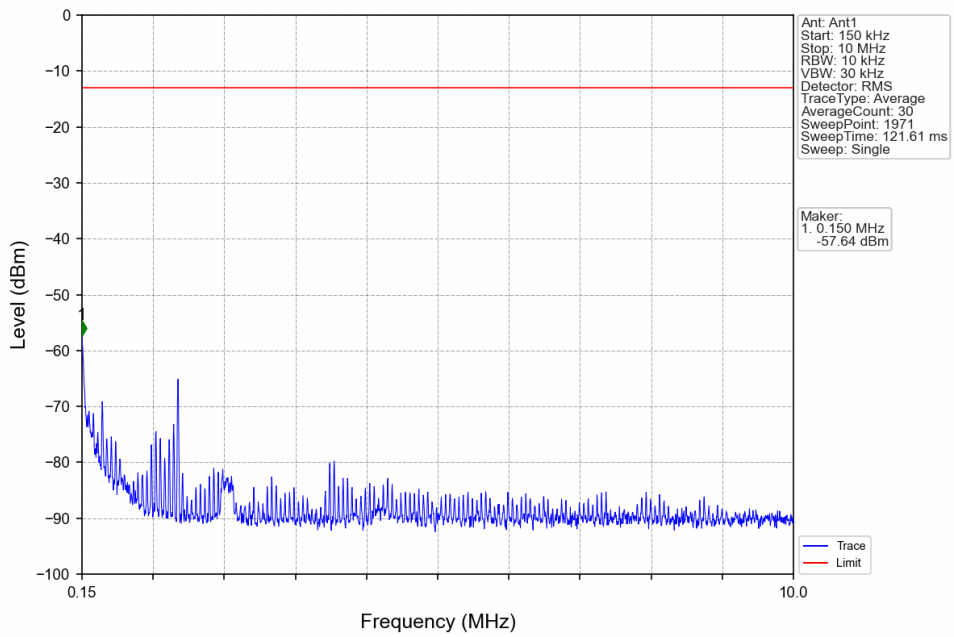
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



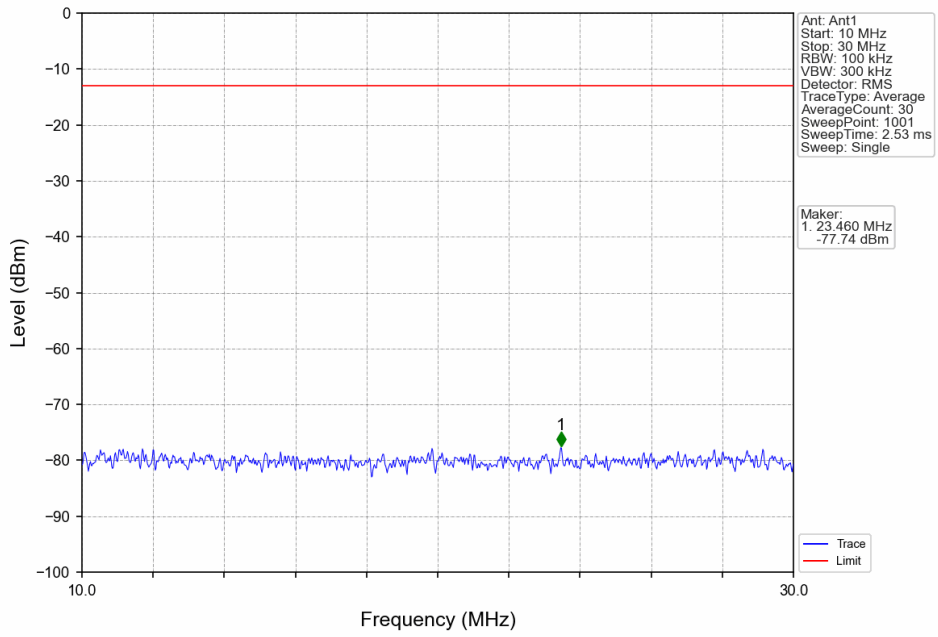
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



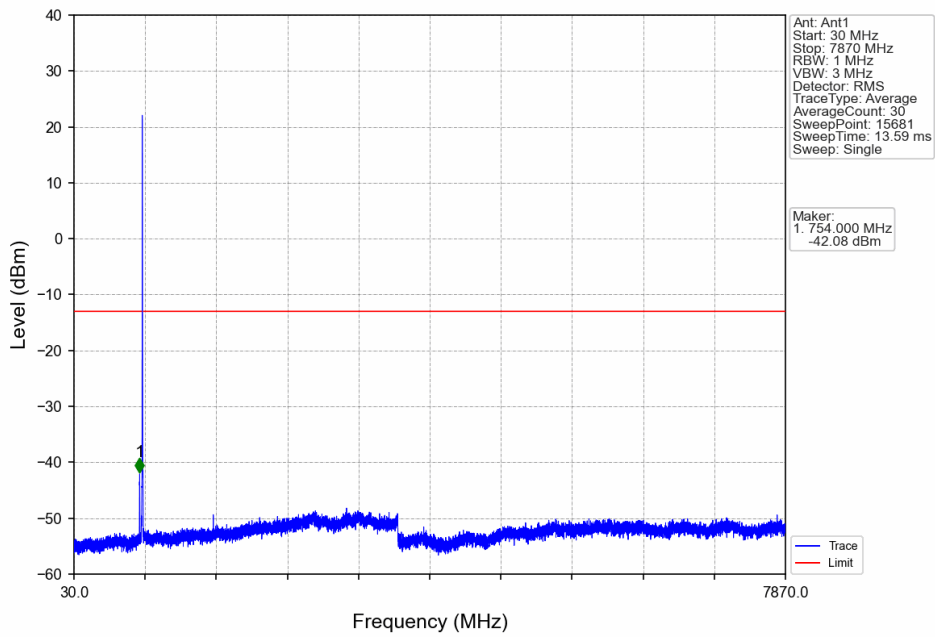
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



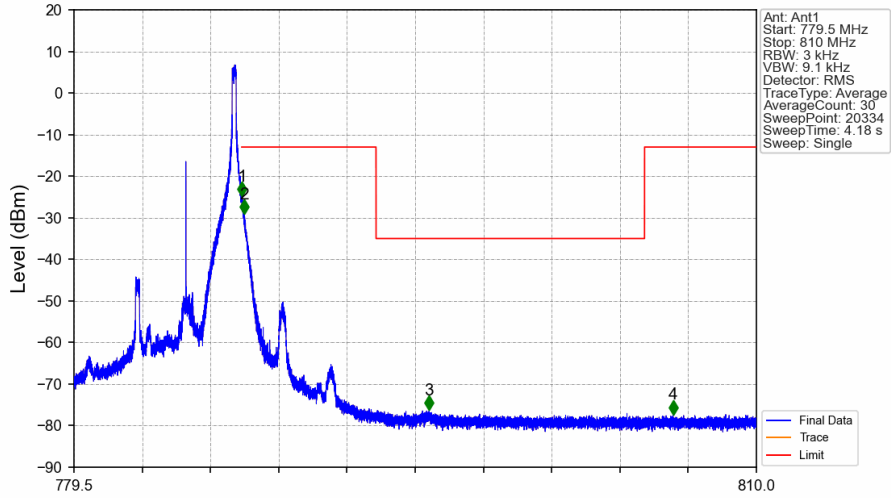
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

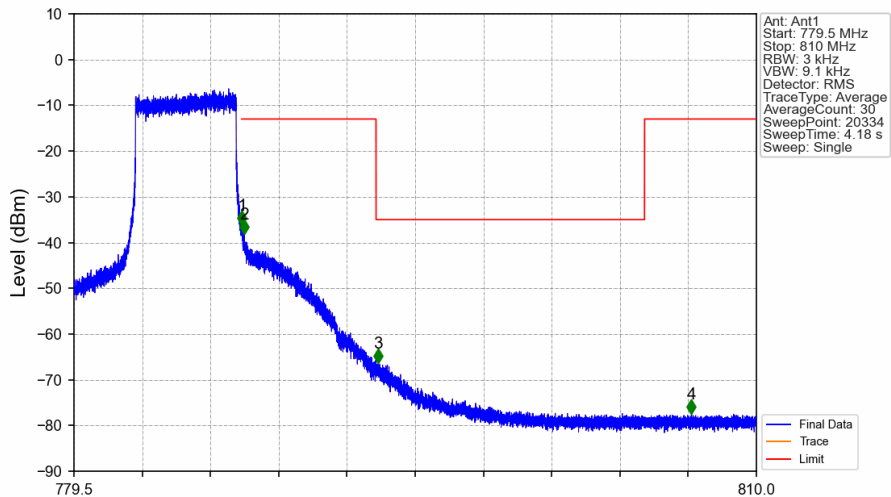


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.002	-24.80	-13	Pass
787.1	793	0.1	/	2	787.101	-29.17	-13	Pass
793	805	0.00625	/	3	795.379	-76.18	-35	Pass
805	810	0.1	/	4	806.272	-77.29	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



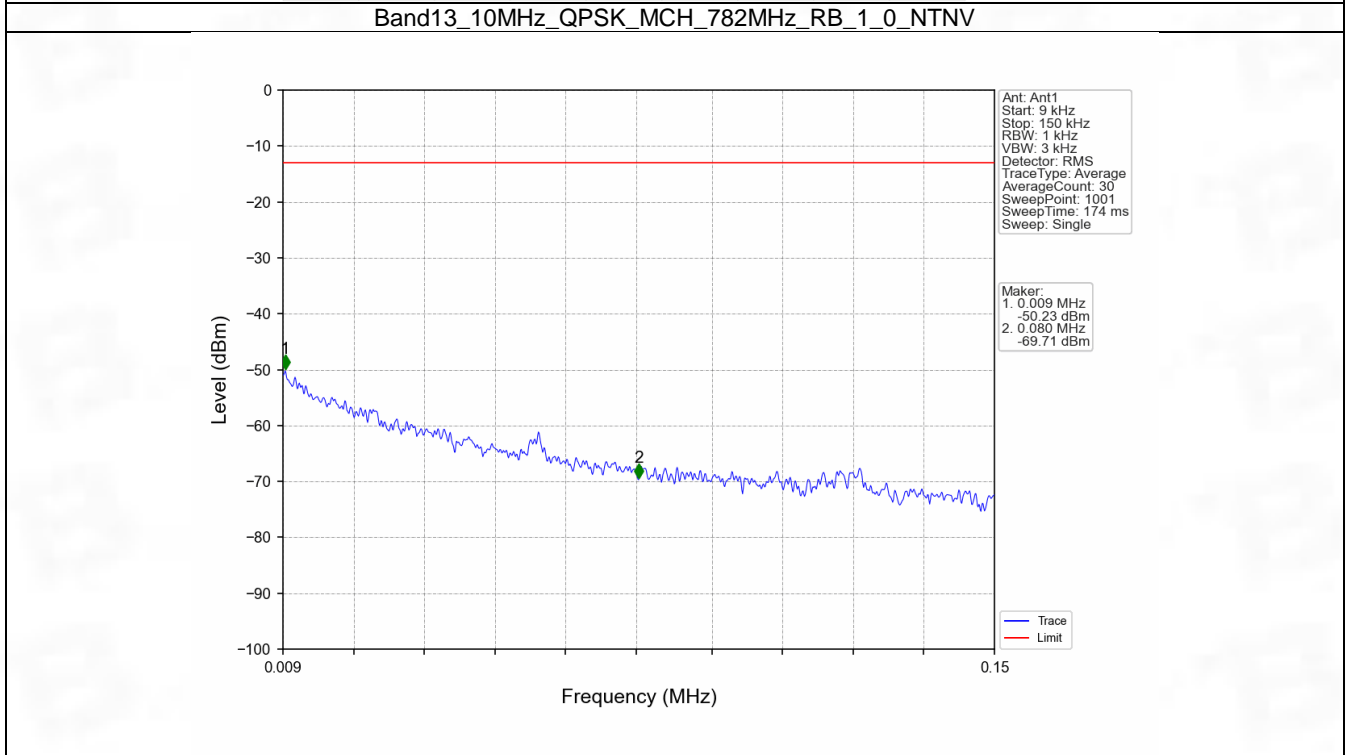
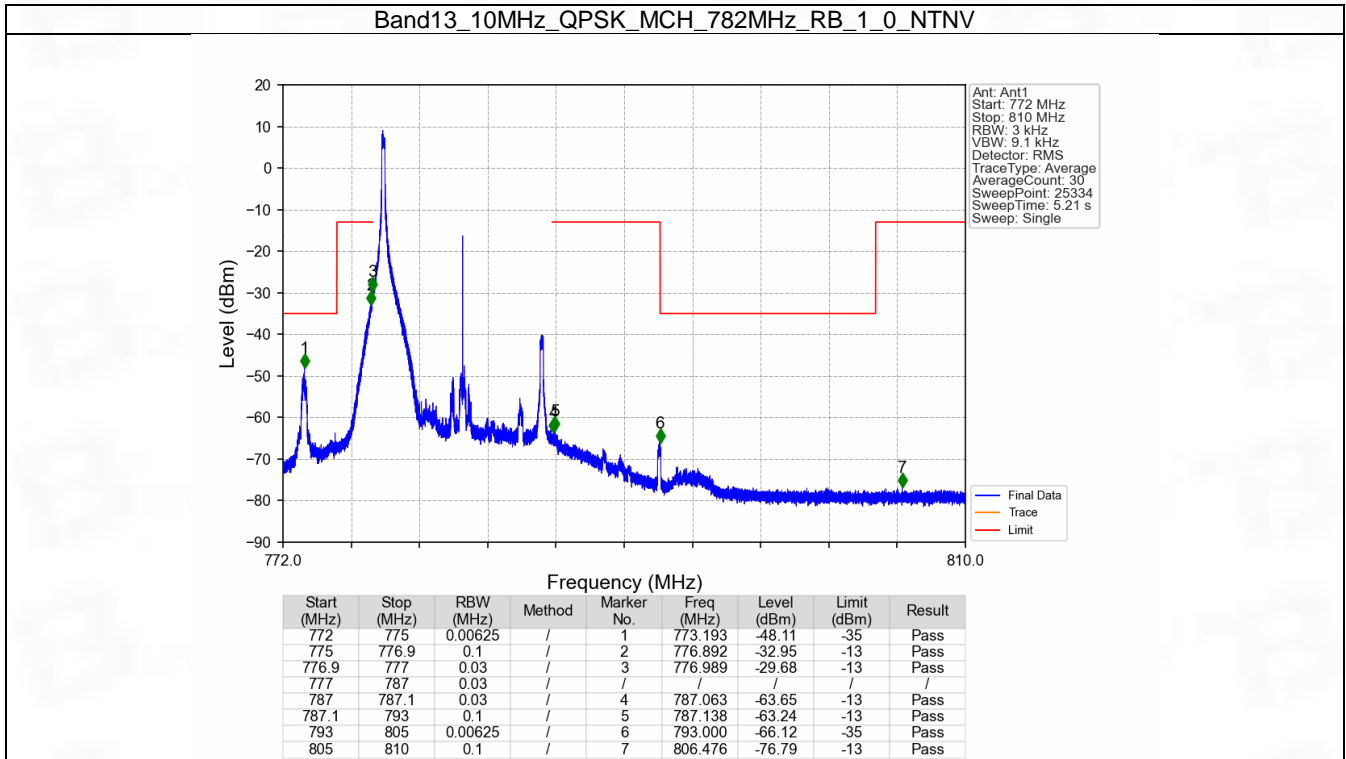
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.012	-36.26	-13	Pass
787.1	793	0.1	/	2	787.116	-38.21	-13	Pass
793	805	0.00625	/	3	793.104	-66.39	-35	Pass
805	810	0.1	/	4	807.097	-77.46	-13	Pass

6.2 B13_10MHz

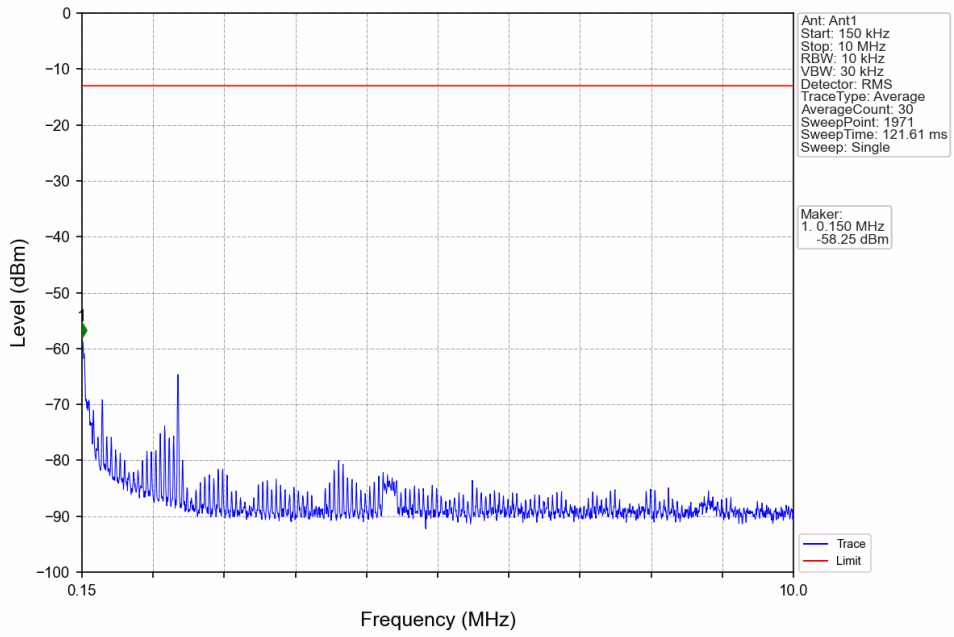
6.2.1 Test Result

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	
			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	

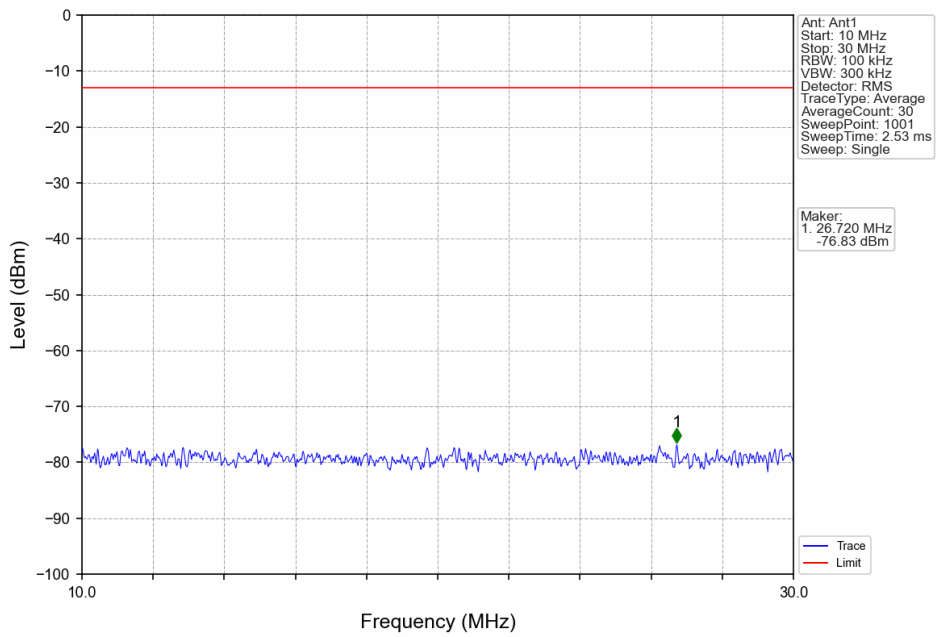
6.2.2 Test Graph



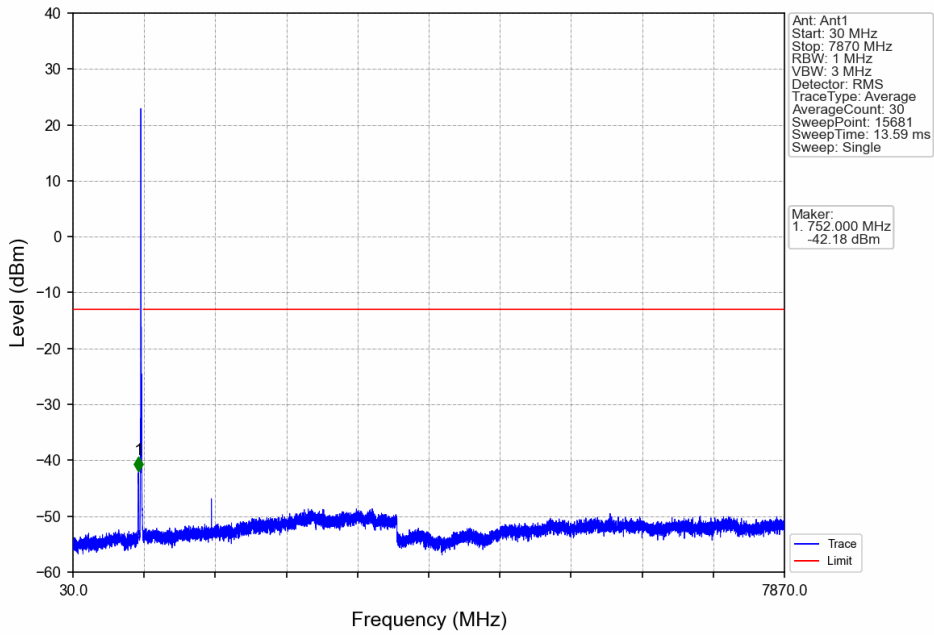
Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



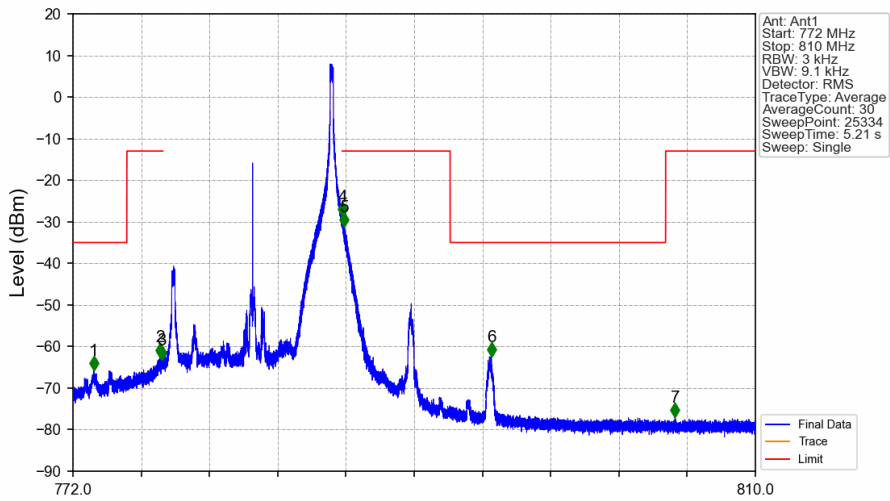
Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

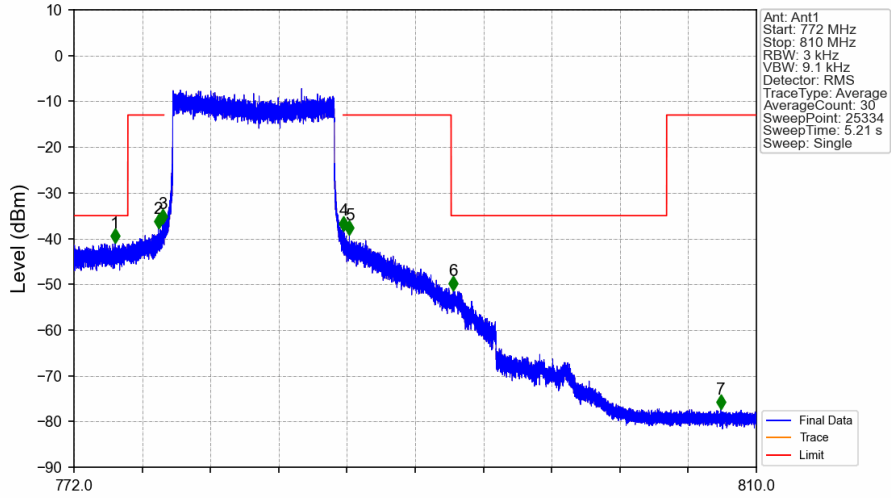


Band13_10MHz_QPSK_MCH_782MHz_RB_1_49_NTNV



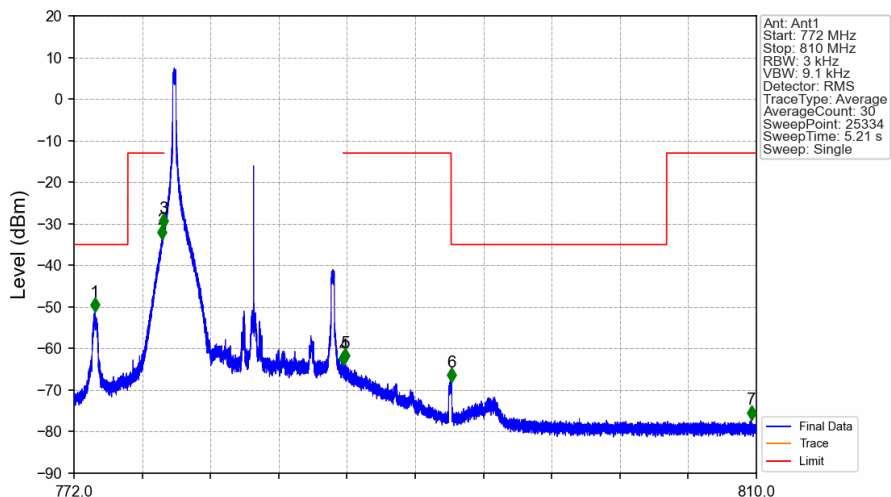
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.163	-65.82	-35	Pass
775	776.9	0.1	/	2	776.856	-62.56	-13	Pass
776.9	777	0.03	/	3	776.932	-63.20	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.014	-28.68	-13	Pass
787.1	793	0.1	/	5	787.110	-31.27	-13	Pass
793	805	0.00625	/	6	795.297	-62.39	-35	Pass
805	810	0.1	/	7	805.525	-76.98	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



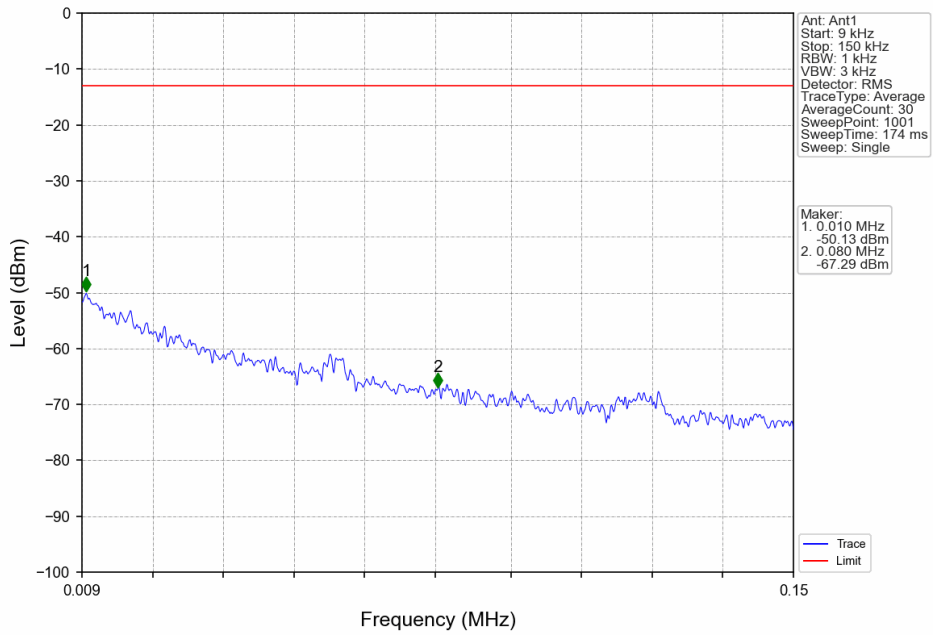
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.294	-40.97	-35	Pass
775	776.9	0.1	/	2	776.697	-37.80	-13	Pass
776.9	777	0.03	/	3	776.941	-36.72	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.017	-38.24	-13	Pass
787.1	793	0.1	/	5	787.338	-39.24	-13	Pass
793	805	0.00625	/	6	793.123	-51.40	-35	Pass
805	810	0.1	/	7	808.015	-77.38	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

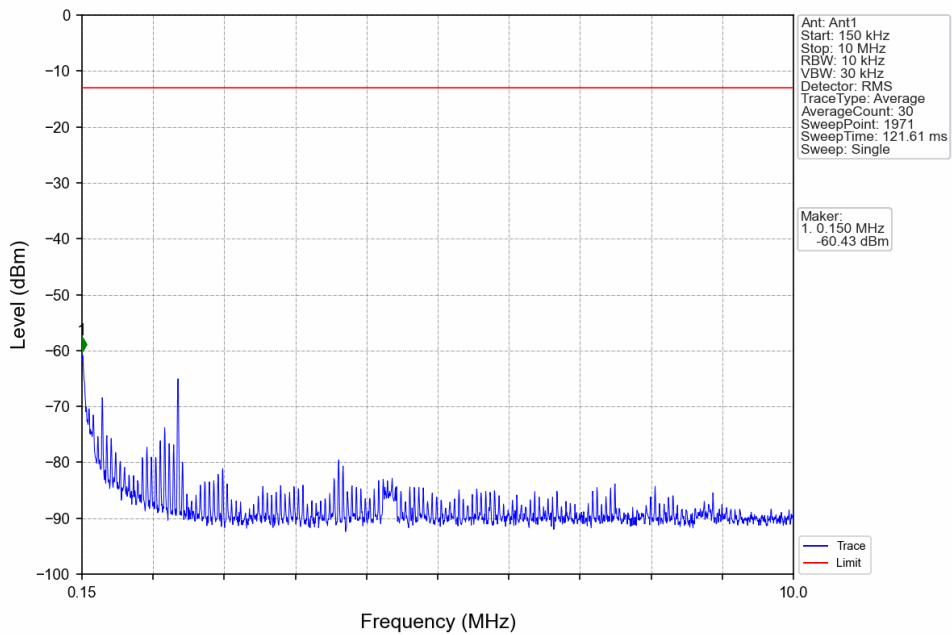


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.166	-51.23	-35	Pass
775	776.9	0.1	/	2	776.884	-33.81	-13	Pass
776.9	777	0.03	/	3	776.998	-31.02	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.012	-64.06	-13	Pass
787.1	793	0.1	/	5	787.101	-63.42	-13	Pass
793	805	0.00625	/	6	793.015	-68.14	-35	Pass
805	810	0.1	/	7	809.716	-77.11	-13	Pass

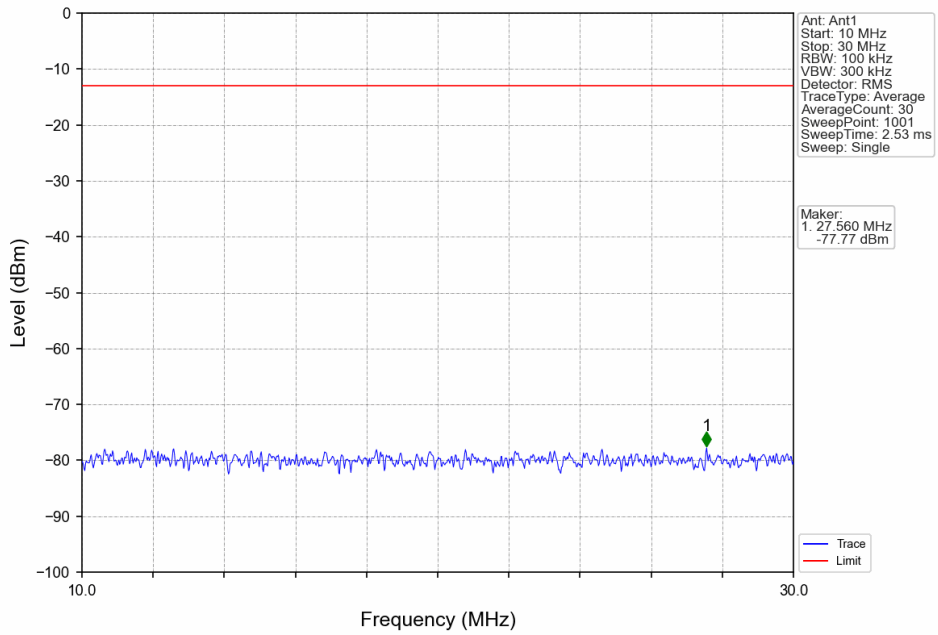
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



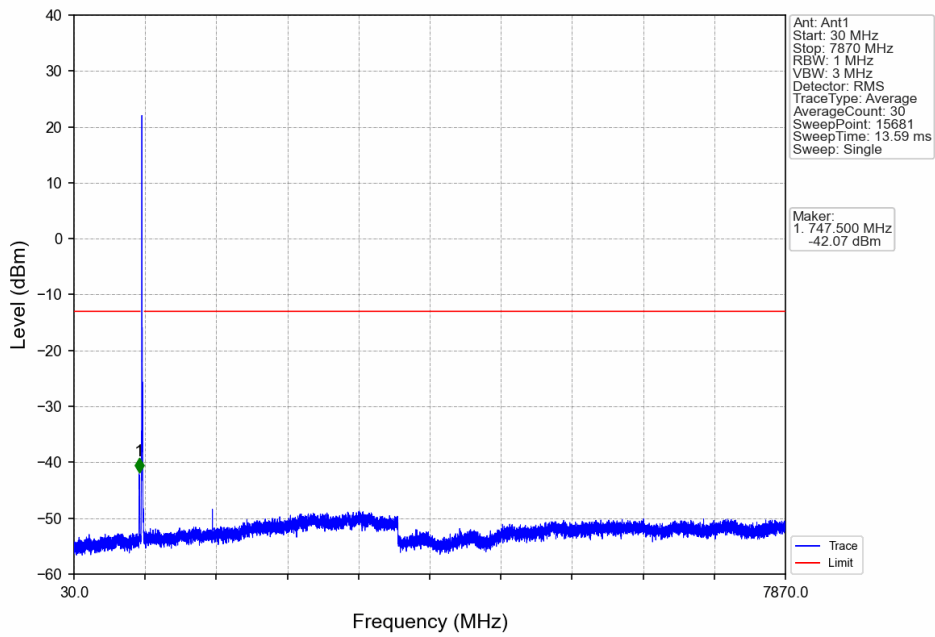
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



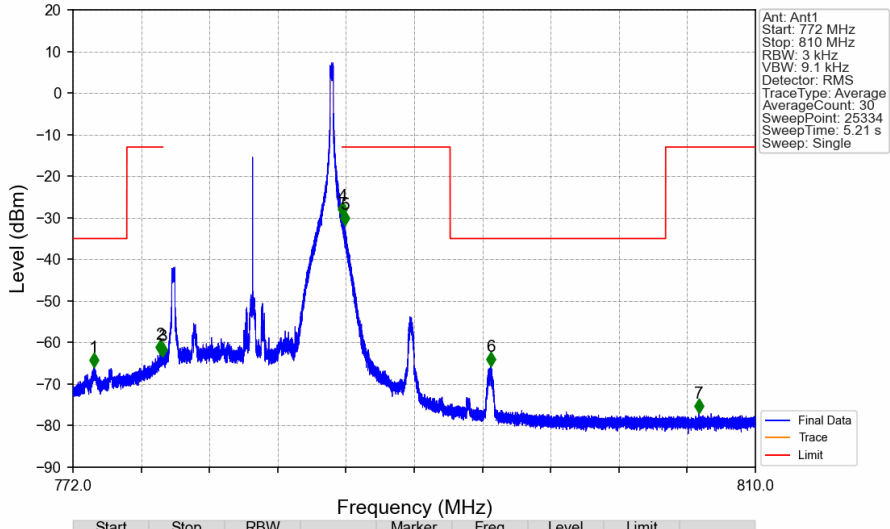
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

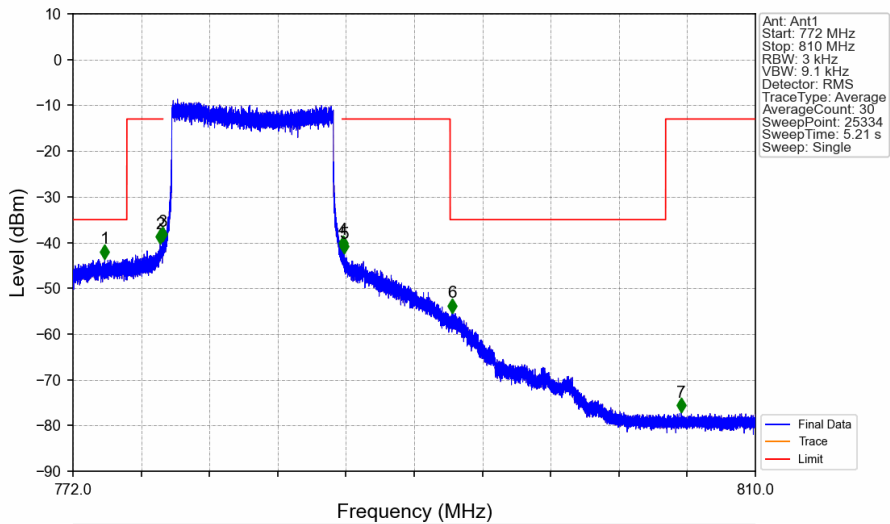


Band13_10MHz_16QAM_MCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.167	-66.01	-35	Pass
775	776.9	0.1	/	2	776.853	-62.84	-13	Pass
776.9	777	0.03	/	3	776.991	-63.33	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.015	-29.57	-13	Pass
787.1	793	0.1	/	5	787.128	-31.73	-13	Pass
793	805	0.00625	/	6	795.268	-65.73	-35	Pass
805	810	0.1	/	7	806.850	-77.09	-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	773.772	-43.55	-35	Pass
775	776.9	0.1	/	2	776.857	-40.25	-13	Pass
776.9	777	0.03	/	3	776.970	-39.70	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.042	-41.60	-13	Pass
787.1	793	0.1	/	5	787.107	-42.38	-13	Pass
793	805	0.00625	/	6	793.108	-55.35	-35	Pass
805	810	0.1	/	7	805.861	-77.13	-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	0.2636	0.0151	ppm	4M58G7D	27F	24.21
13	5	779.5	784.5	0.2188	0.0169	ppm	4M61W7D	27F	23.40
13	10	782	782	0.2793	0.0115	ppm	9M14G7D	27F	24.46
13	10	782	782	0.2234	0.0096	ppm	9M13W7D	27F	23.49

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	0.1828	0.0151	ppm	4M58G7D	27F	22.62
13	5	779.5	784.5	0.1517	0.0169	ppm	4M61W7D	27F	21.81
13	10	782	782	0.1936	0.0115	ppm	9M14G7D	27F	22.87
13	10	782	782	0.1549	0.0096	ppm	9M13W7D	27F	21.90