

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	22.31	-4.85	15.31	<=34.77	Pass
			13	22.51	-4.85	15.51	<=34.77	Pass
			24	22.37	-4.85	15.37	<=34.77	Pass
		12	0	21.36	-4.85	14.36	<=34.77	Pass
			6	21.39	-4.85	14.39	<=34.77	Pass
			13	21.34	-4.85	14.34	<=34.77	Pass
		25	0	21.40	-4.85	14.40	<=34.77	Pass
	782	1	0	22.30	-4.85	15.30	<=34.77	Pass
			13	22.48	-4.85	15.48	<=34.77	Pass
			24	22.32	-4.85	15.32	<=34.77	Pass
		12	0	21.37	-4.85	14.37	<=34.77	Pass
			6	21.41	-4.85	14.41	<=34.77	Pass
			13	21.39	-4.85	14.39	<=34.77	Pass
		25	0	21.38	-4.85	14.38	<=34.77	Pass
	784.5	1	0	22.27	-4.85	15.27	<=34.77	Pass
			13	22.45	-4.85	15.45	<=34.77	Pass
			24	22.31	-4.85	15.31	<=34.77	Pass
		12	0	21.28	-4.85	14.28	<=34.77	Pass
			6	21.38	-4.85	14.38	<=34.77	Pass
			13	21.41	-4.85	14.41	<=34.77	Pass
		25	0	21.36	-4.85	14.36	<=34.77	Pass
16QAM	779.5	1	0	21.23	-4.85	14.23	<=34.77	Pass
			13	21.42	-4.85	14.42	<=34.77	Pass
			24	21.24	-4.85	14.24	<=34.77	Pass
		12	0	20.41	-4.85	13.41	<=34.77	Pass
			6	20.48	-4.85	13.48	<=34.77	Pass
			13	20.39	-4.85	13.39	<=34.77	Pass
		25	0	20.49	-4.85	13.49	<=34.77	Pass
	782	1	0	21.76	-4.85	14.76	<=34.77	Pass
			13	21.89	-4.85	14.89	<=34.77	Pass
			24	21.70	-4.85	14.70	<=34.77	Pass
		12	0	20.37	-4.85	13.37	<=34.77	Pass
			6	20.40	-4.85	13.40	<=34.77	Pass
			13	20.41	-4.85	13.41	<=34.77	Pass
		25	0	20.38	-4.85	13.38	<=34.77	Pass
	784.5	1	0	21.41	-4.85	14.41	<=34.77	Pass
			13	21.54	-4.85	14.54	<=34.77	Pass
			24	21.35	-4.85	14.35	<=34.77	Pass
		12	0	20.29	-4.85	13.29	<=34.77	Pass
			6	20.37	-4.85	13.37	<=34.77	Pass
			13	20.41	-4.85	13.41	<=34.77	Pass
		25	0	20.32	-4.85	13.32	<=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	22.40	-4.85	15.40	<=34.77	Pass
			25	22.52	-4.85	15.52	<=34.77	Pass
			49	22.53	-4.85	15.53	<=34.77	Pass
		25	0	21.39	-4.85	14.39	<=34.77	Pass
			13	21.43	-4.85	14.43	<=34.77	Pass
			25	21.47	-4.85	14.47	<=34.77	Pass
		50	0	21.44	-4.85	14.44	<=34.77	Pass
16QAM	782	1	0	21.28	-4.85	14.28	<=34.77	Pass
			25	21.37	-4.85	14.37	<=34.77	Pass
			49	21.35	-4.85	14.35	<=34.77	Pass
		25	0	20.43	-4.85	13.43	<=34.77	Pass
			13	20.47	-4.85	13.47	<=34.77	Pass
			25	20.53	-4.85	13.53	<=34.77	Pass
		50	0	20.42	-4.85	13.42	<=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	-3.834	-0.0049	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0066	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.965	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0037	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-1.431	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0054	-2.5 to 2.5	Pass
					4.43	-2.675	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	0.744	0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-4.177	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-1.645	-0.0021	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-4.921	-0.0063	-2.5 to 2.5	Pass
					3.85	-6.351	-0.0081	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0047	-2.5 to 2.5	Pass

16QAM	779.5	25	0	0	3.85	-2.718	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0042	-2.5 to 2.5	Pass
				50	3.85	0.730	0.0009	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-5.779	-0.0074	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-7.095	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-3.204	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-3.247	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-1.917	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0031	-2.5 to 2.5	Pass
				20	3.27	-1.574	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.918	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	1.459	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-7.582	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-3.920	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0035	-2.5 to 2.5	Pass
				10	3.85	1.745	0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.817	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-6.695	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-3.347	-0.0043	-2.5 to 2.5	Pass
					3.85	3.176	0.0040	-2.5 to 2.5	Pass
					4.43	0.057	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-3.633	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-2.203	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.506	-0.0057	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0050	-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	-3.333	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.622	-0.0072	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-1.831	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.033	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0036	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-1.259	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.890	-0.0037	-2.5 to 2.5	Pass

					4.43	-3.533	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.503	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.704	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.860	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0069	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

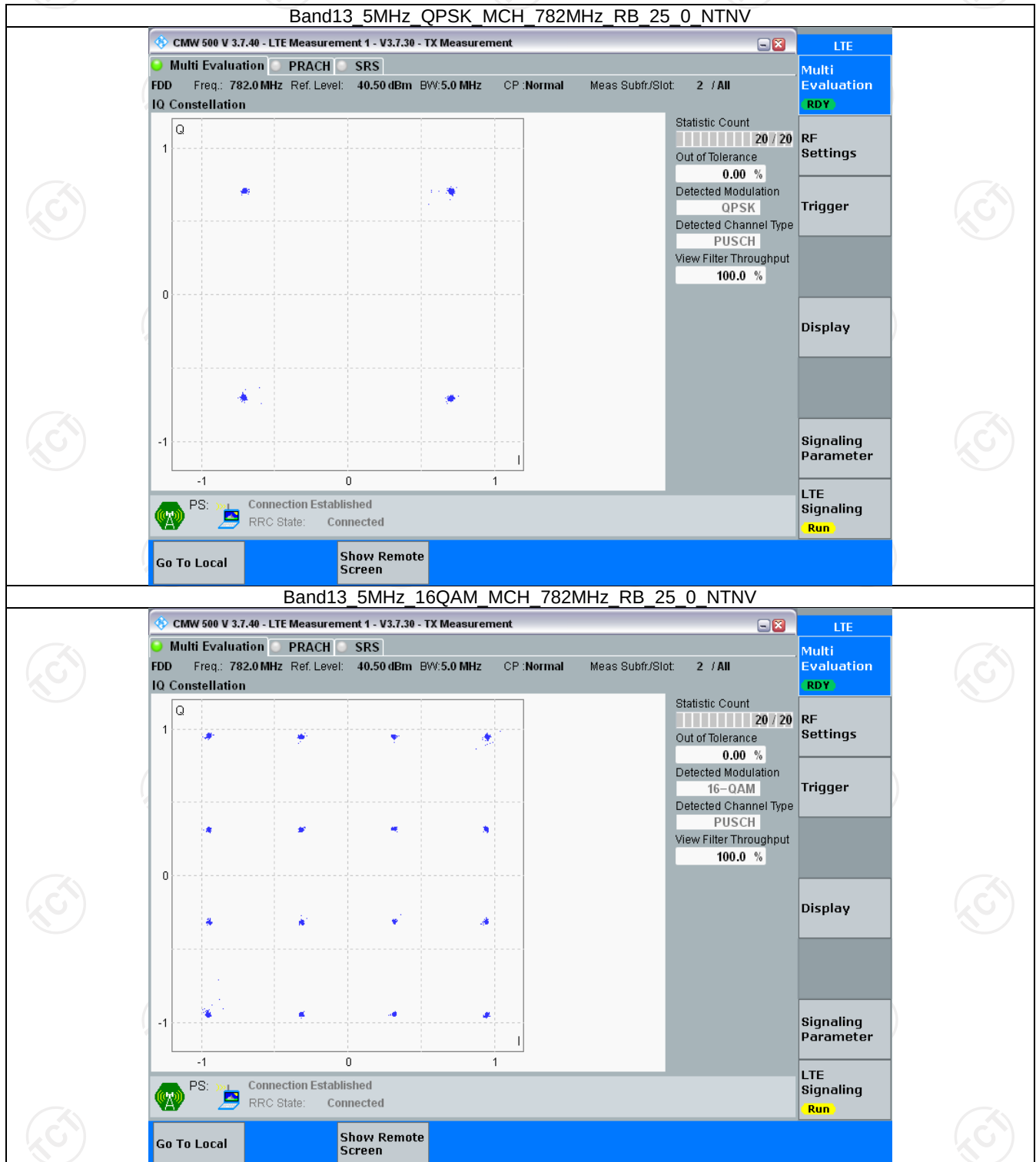
Band: 13 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

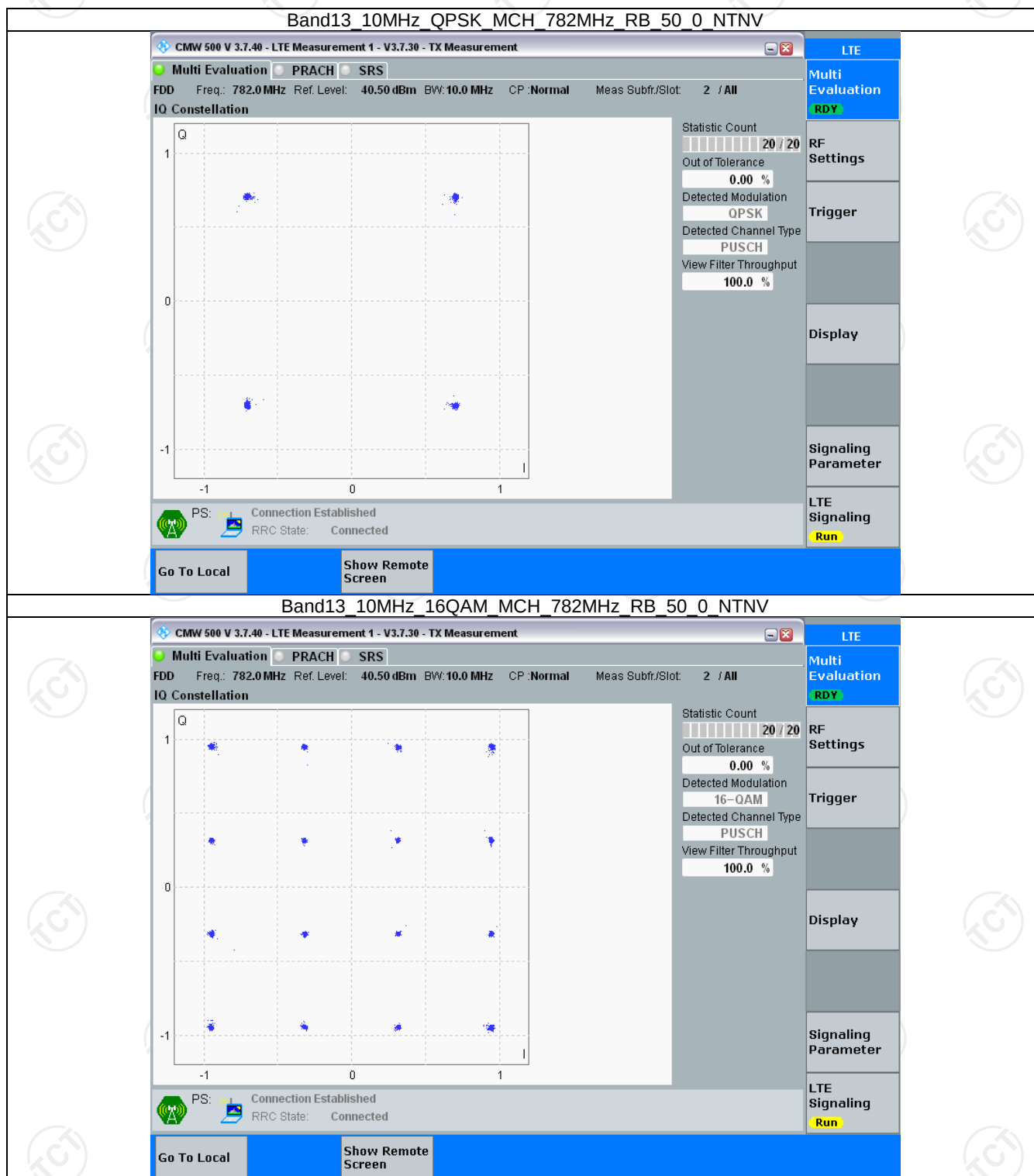
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Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2 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

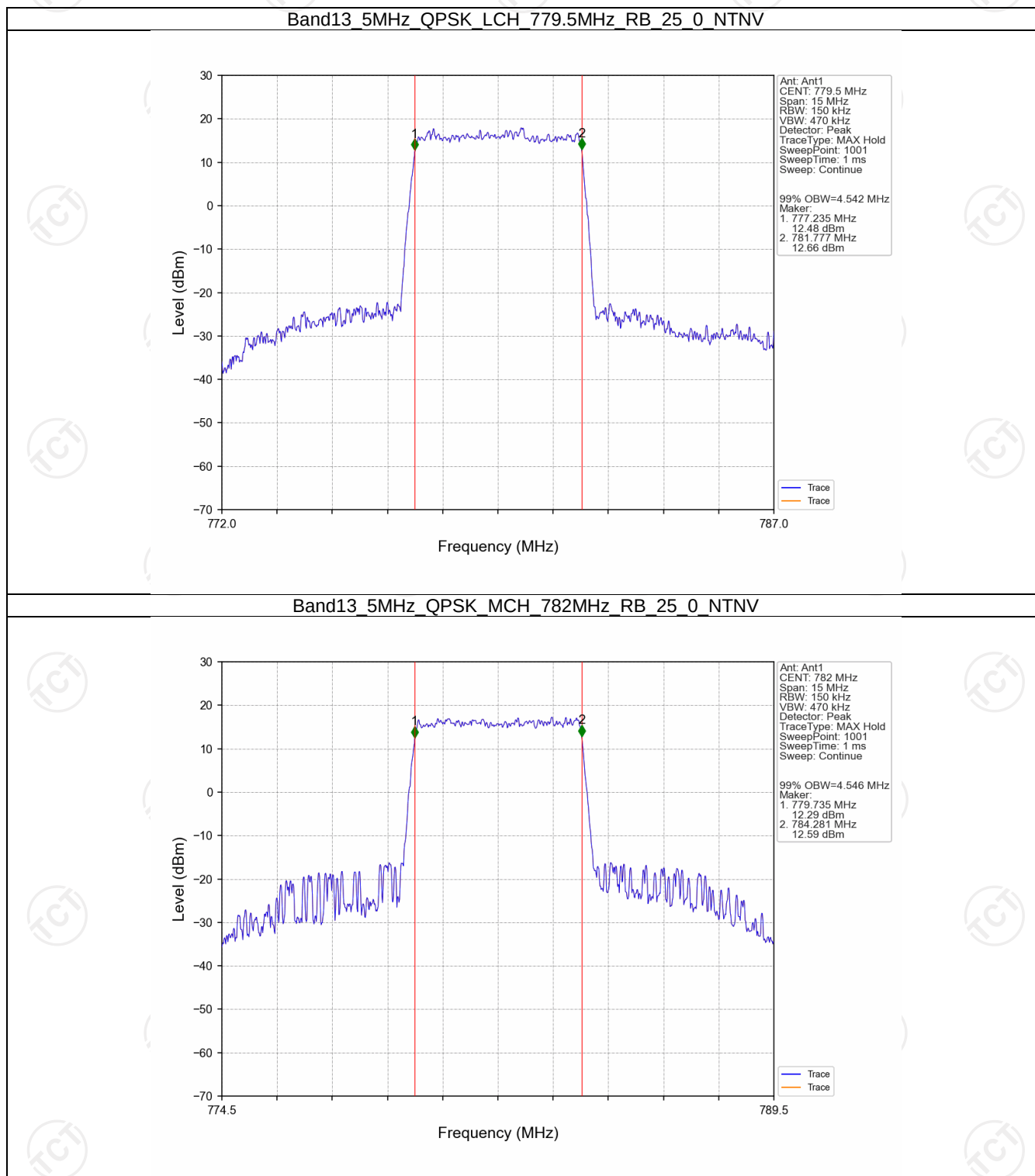
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.542	/	Pass
		782	25	0	4.546	/	Pass
		784.5	25	0	4.561	/	Pass
	16QAM	779.5	25	0	4.564	/	Pass
		782	25	0	4.549	/	Pass
		784.5	25	0	4.528	/	Pass
10	QPSK	782	50	0	9.053	/	Pass
	16QAM	782	50	0	9.048	/	Pass

4.1.2 Band13_XDB

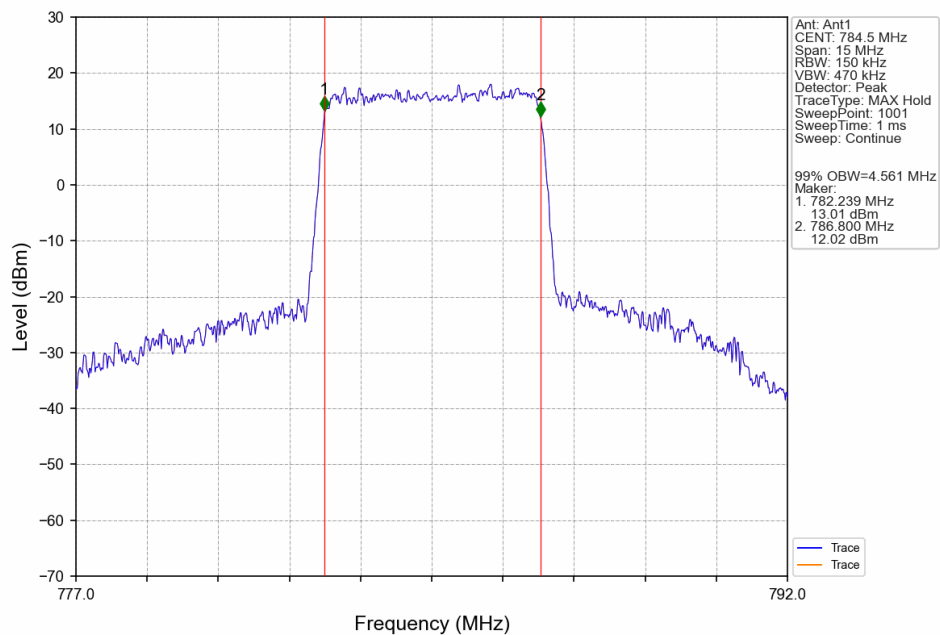
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.996	/	Pass
		782	25	0	5.002	/	Pass
		784.5	25	0	4.970	/	Pass
	16QAM	779.5	25	0	5.010	/	Pass
		782	25	0	5.029	/	Pass
		784.5	25	0	4.989	/	Pass
10	QPSK	782	50	0	9.997	/	Pass
	16QAM	782	50	0	9.934	/	Pass

4.2 Test Graph

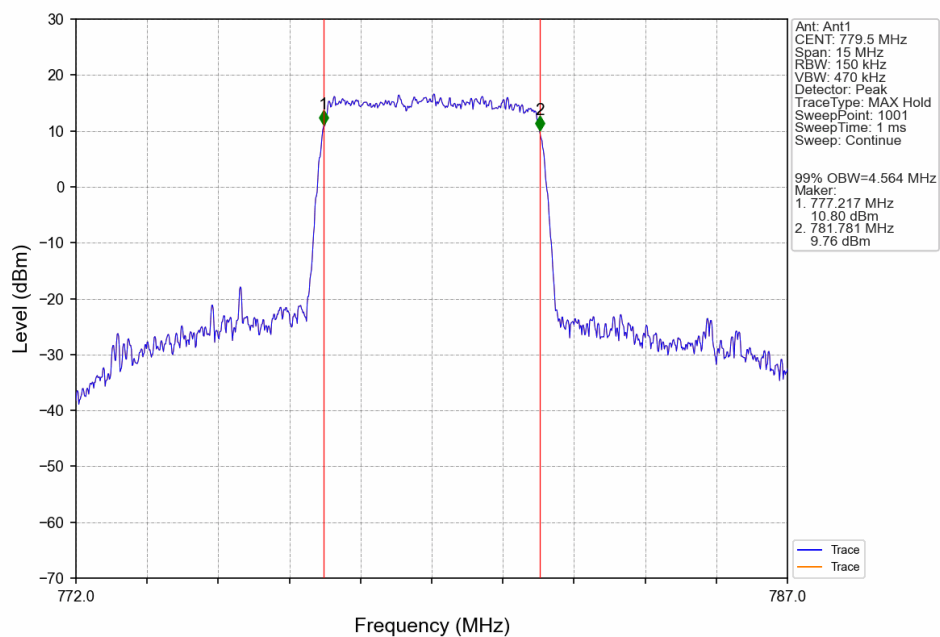
4.2.1 Band13_OBW



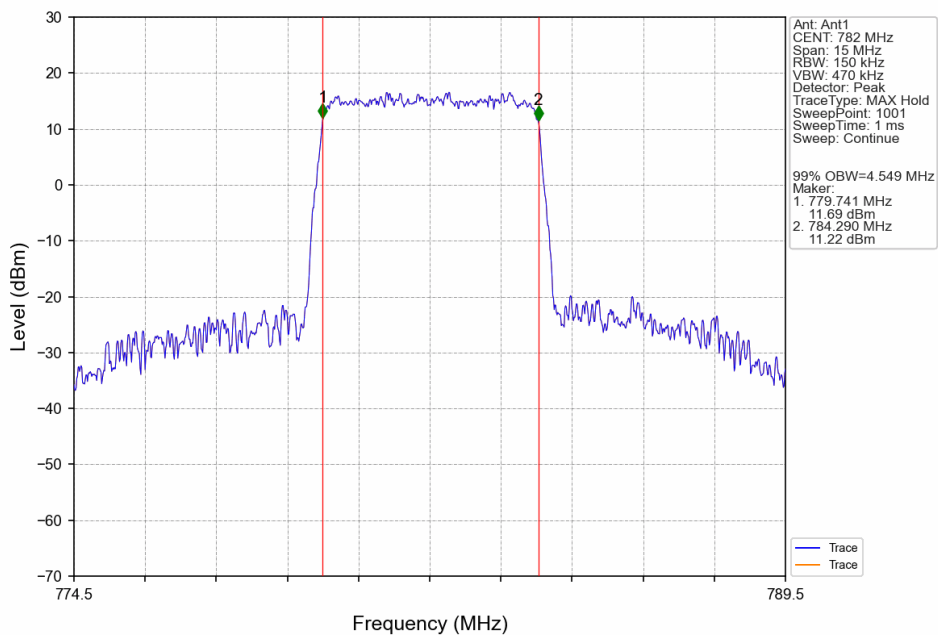
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



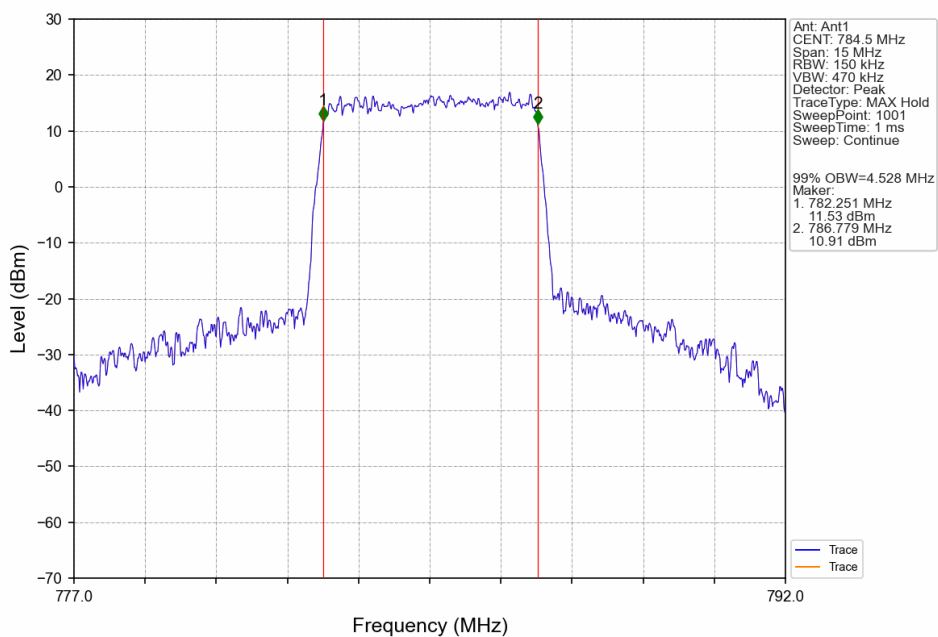
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



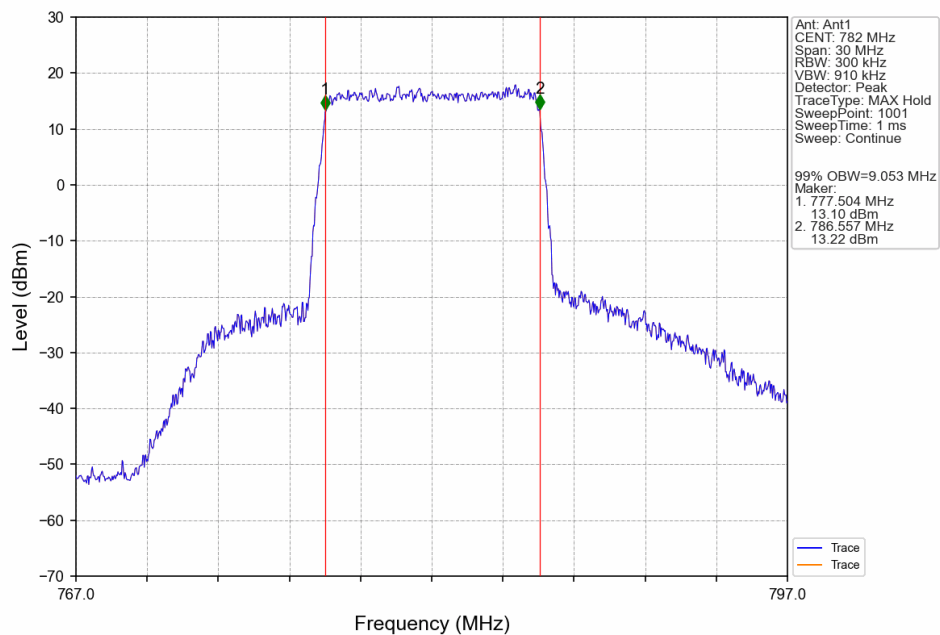
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



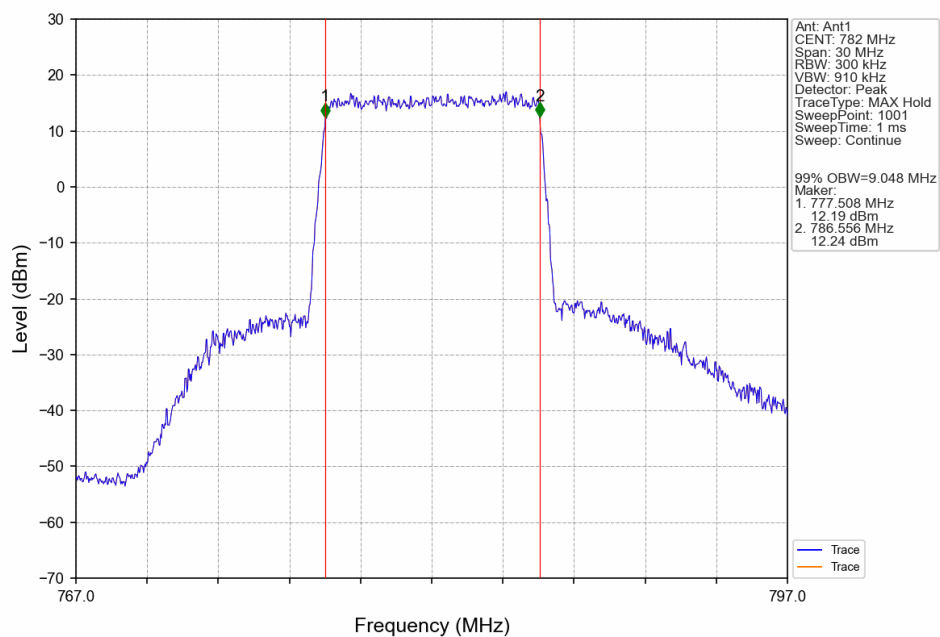
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



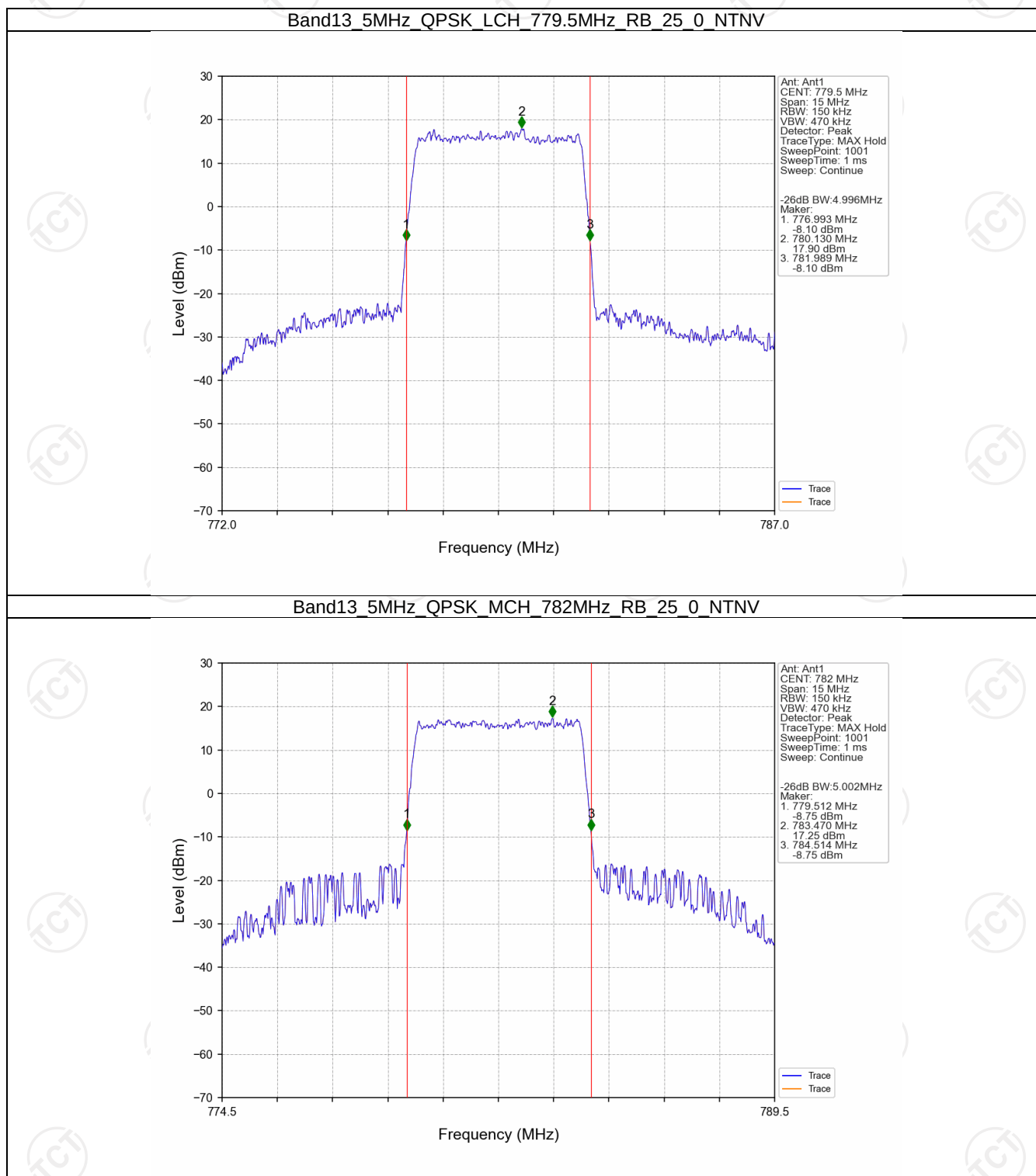
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTN



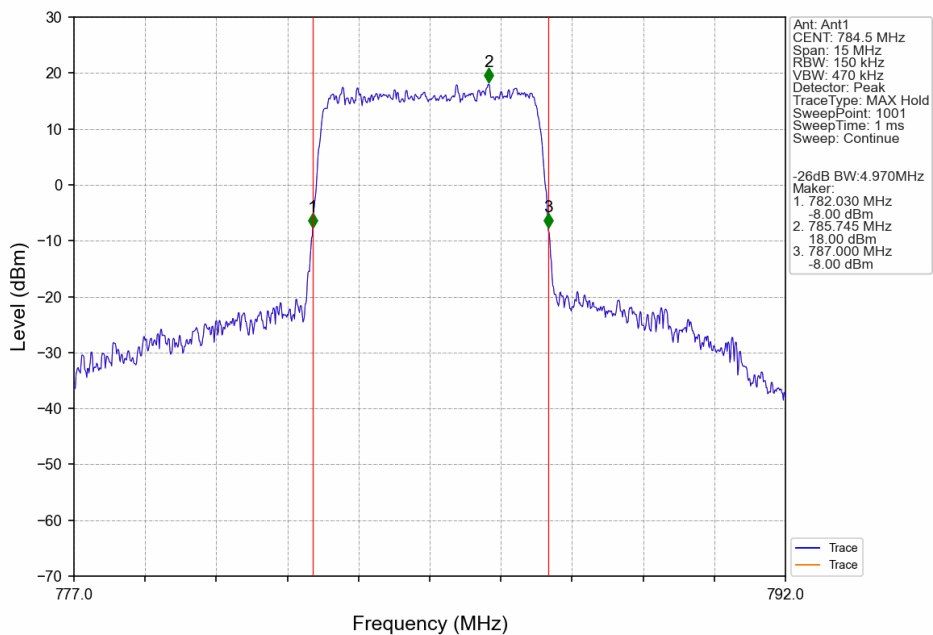
Band13 10MHz 16QAM MCH 782MHz RB 50 0 NTN



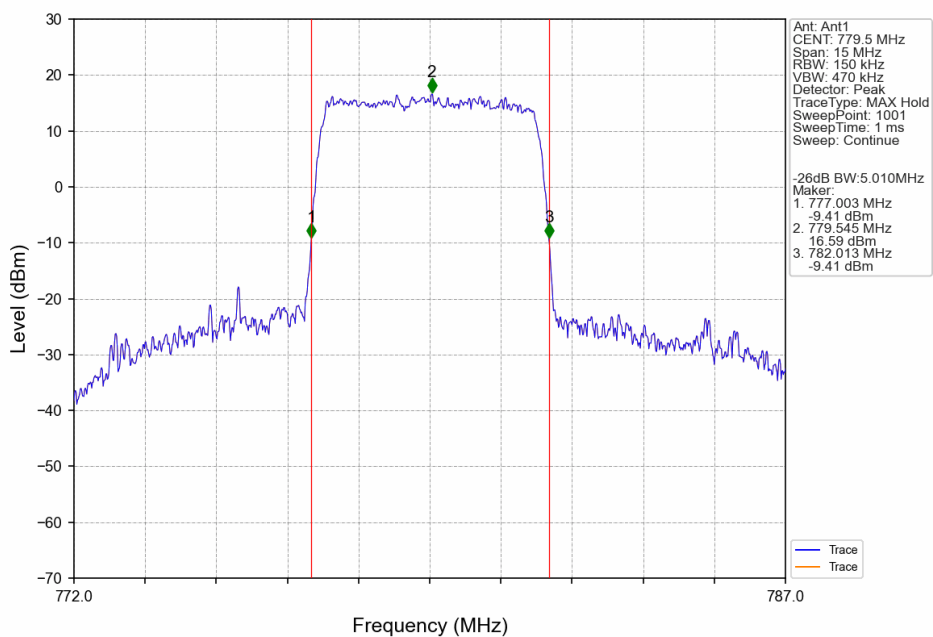
4.2.2 Band13_XDB



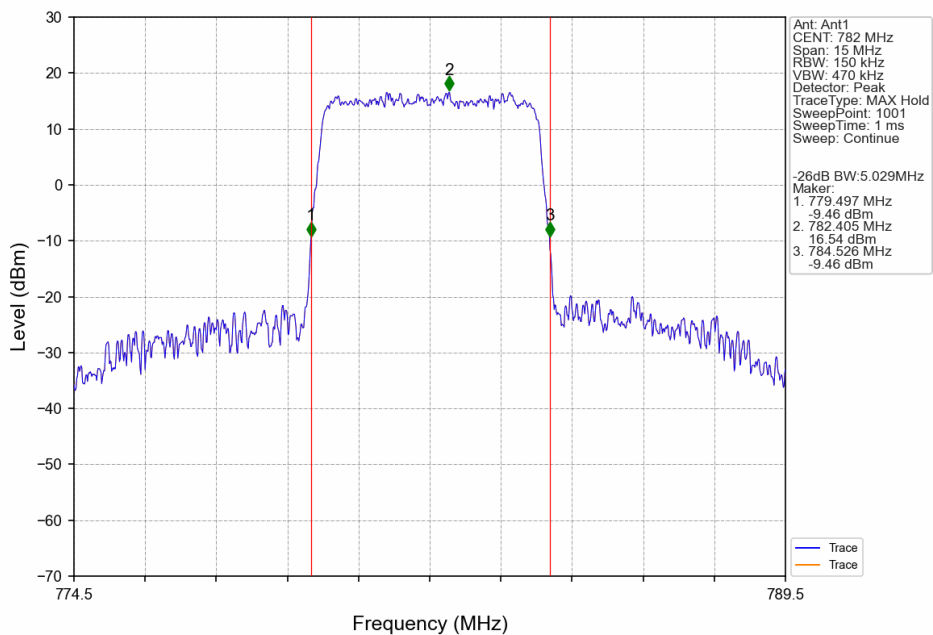
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTV



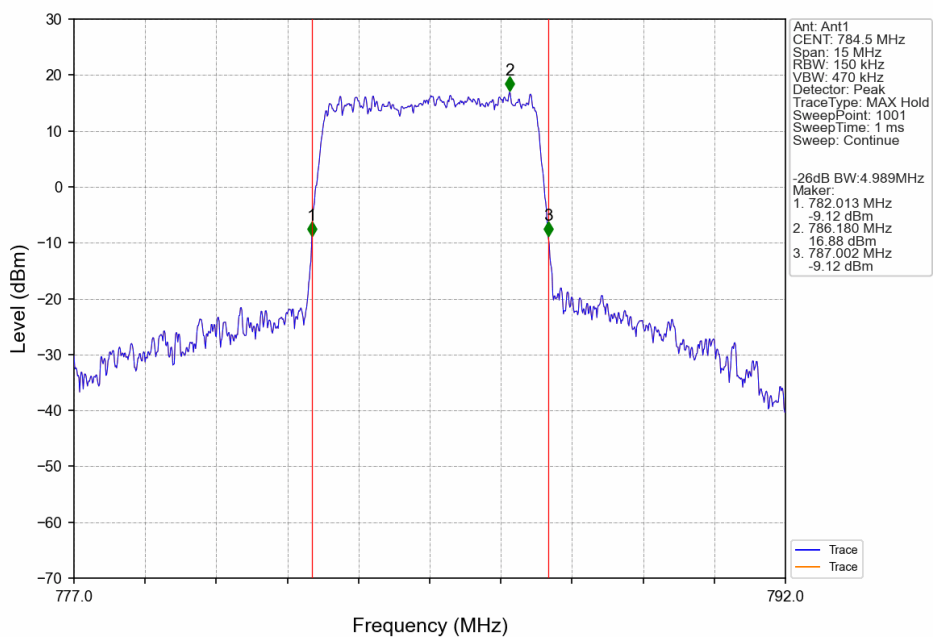
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTV



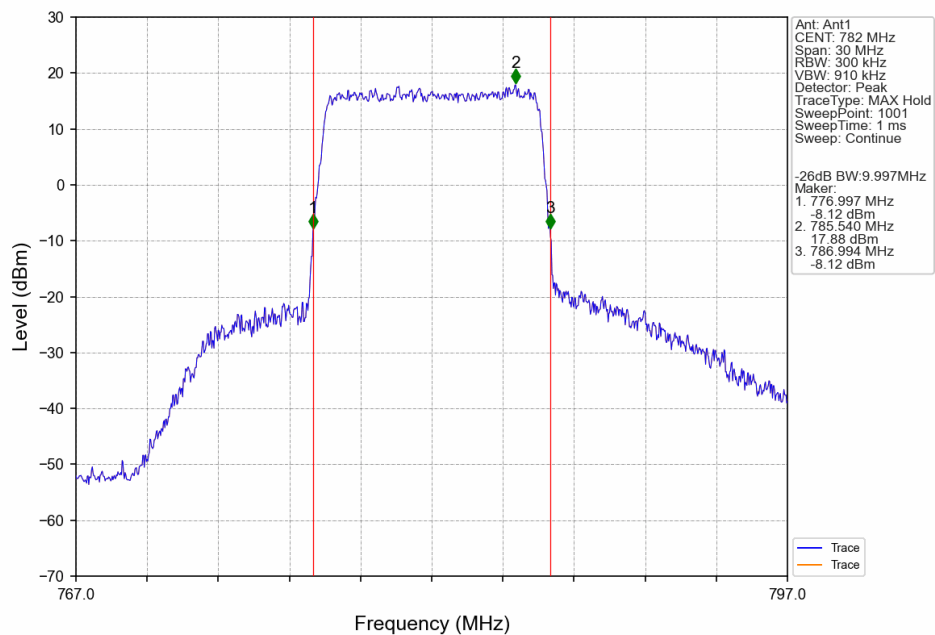
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



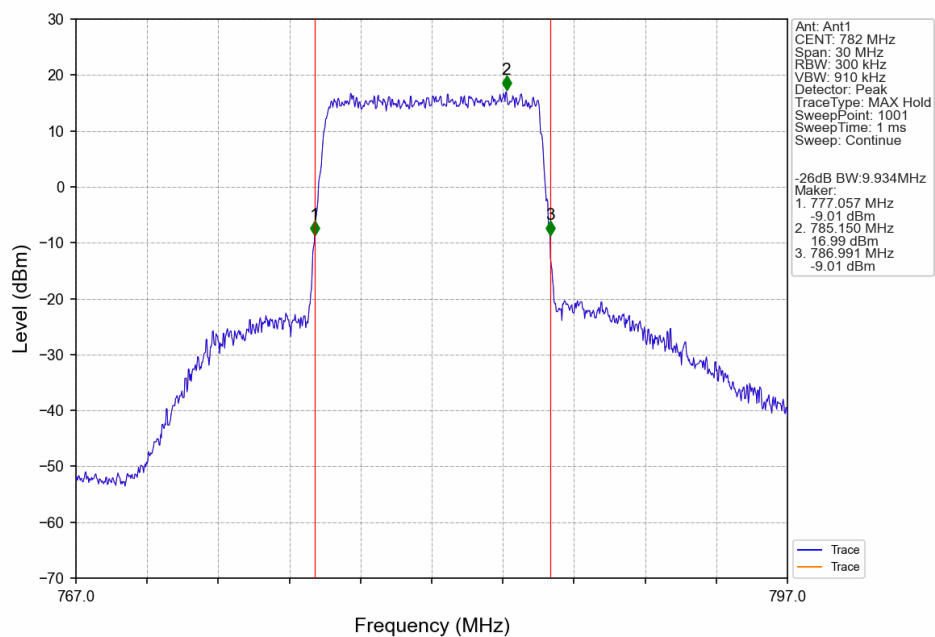
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



Band13 10MHz QPSK MCH 782MHz RB 50 0 NTN



Band13 10MHz 16QAM MCH 782MHz RB 50 0 NTN



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

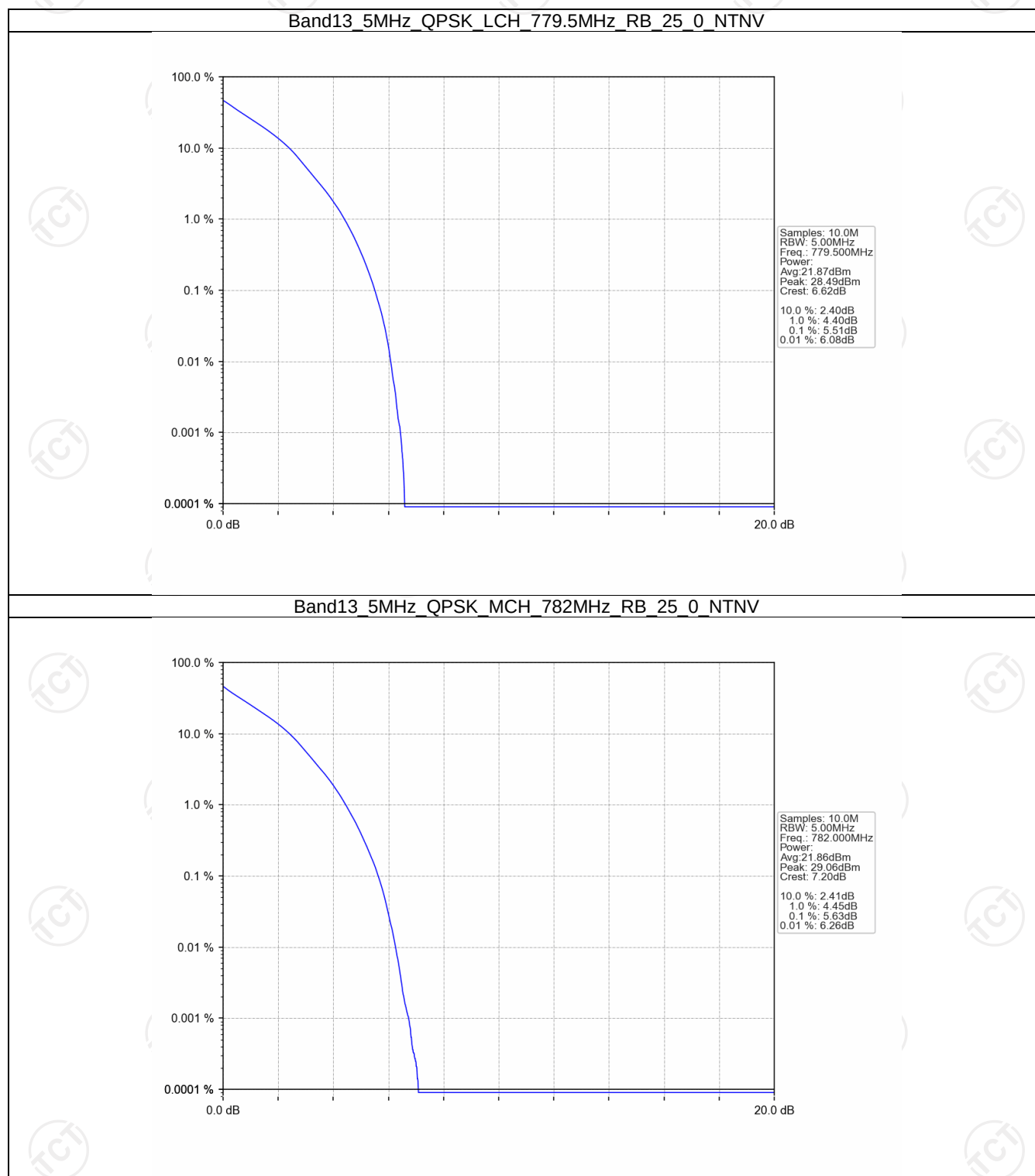
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.51	<=13	Pass
	782	25	0	5.63	<=13	Pass
	784.5	25	0	5.43	<=13	Pass
16QAM	779.5	25	0	6.25	<=13	Pass
	782	25	0	6.33	<=13	Pass
	784.5	25	0	6.12	<=13	Pass

5.1.2 B13_10MHz

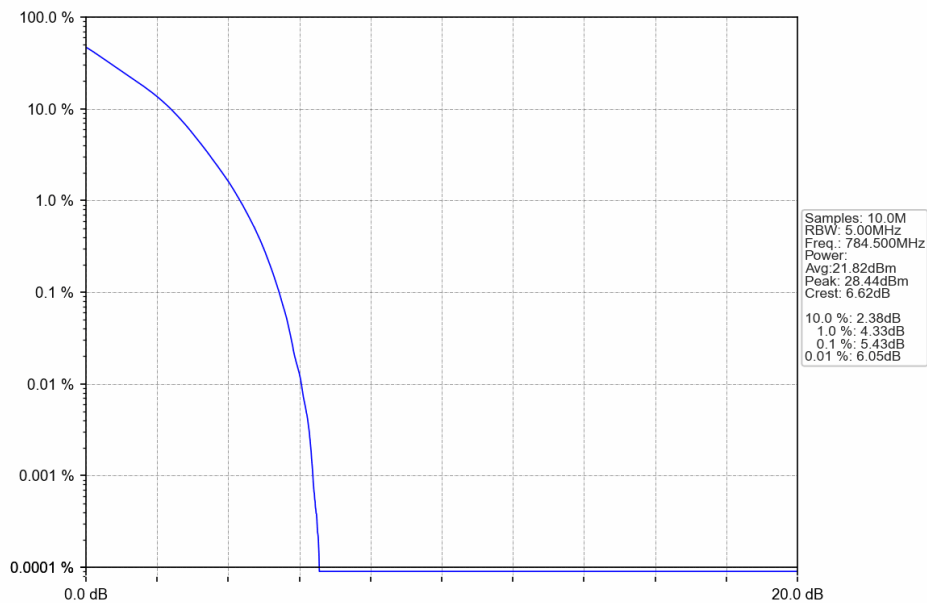
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.48	<=13	Pass
16QAM	782	50	0	6.27	<=13	Pass

5.2 Test Graph

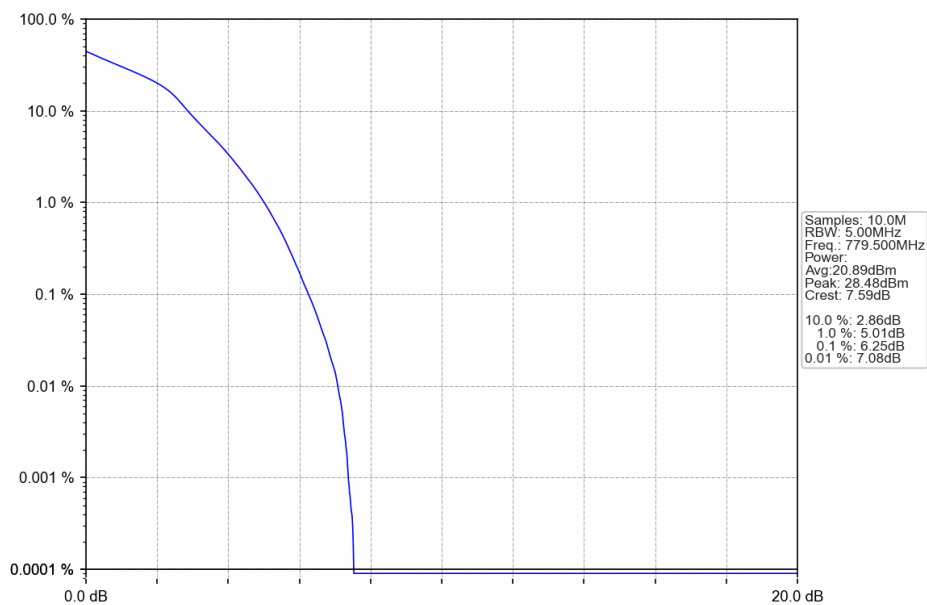
5.2.1 B13_5MHz



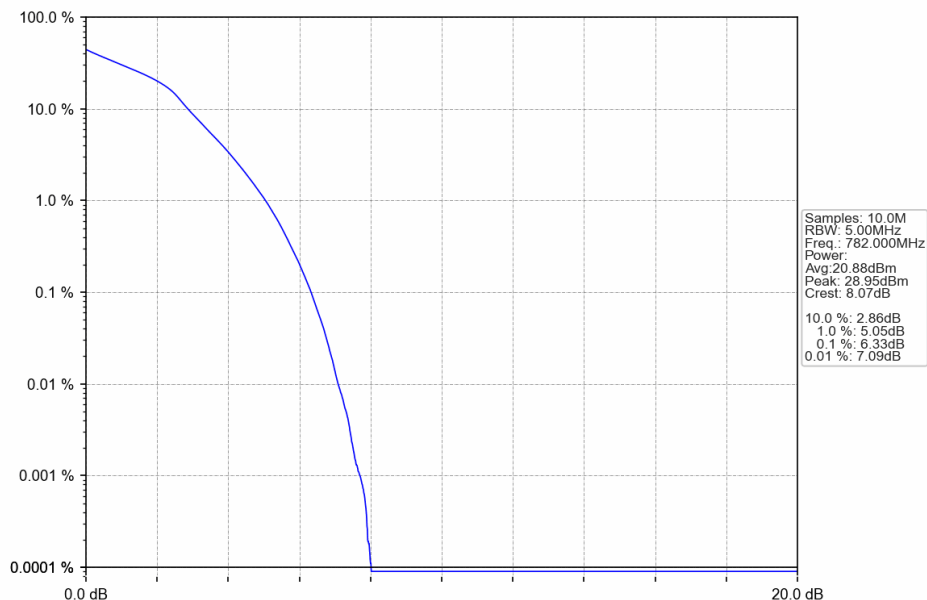
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



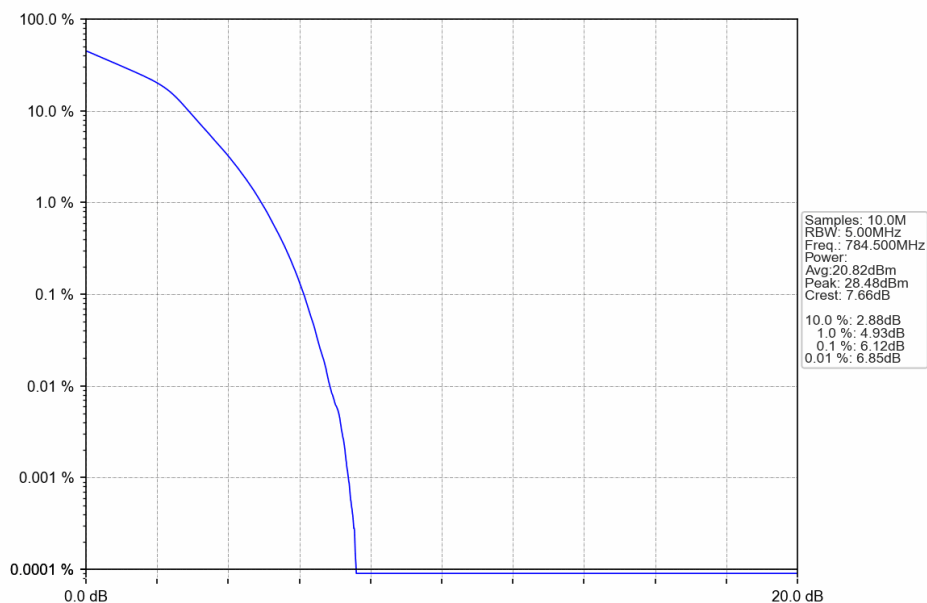
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



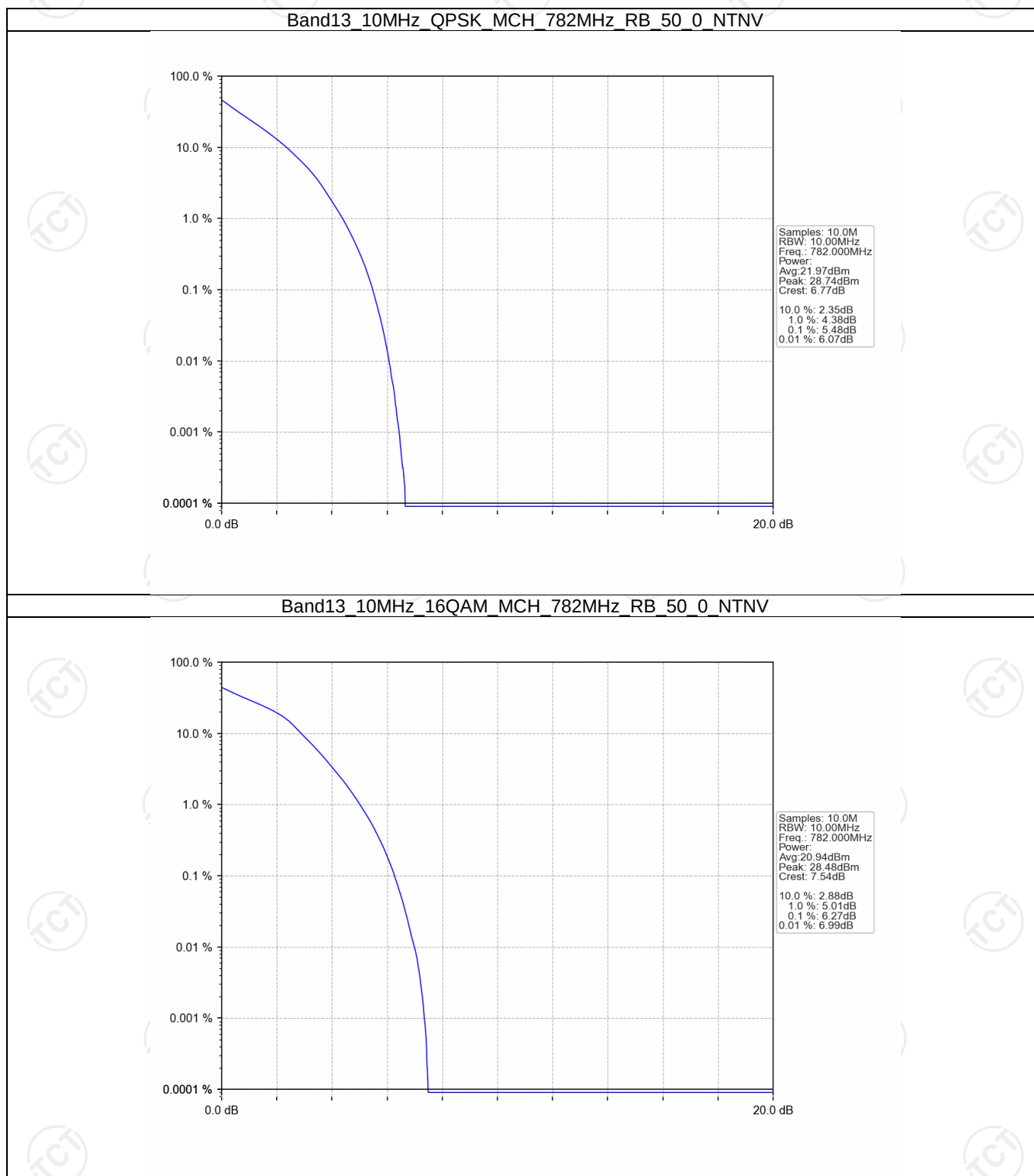
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



5.2.2 B13_10MHz



6. Spurious Emission

6.1 Test Result

6.1.1 B13_5MHz

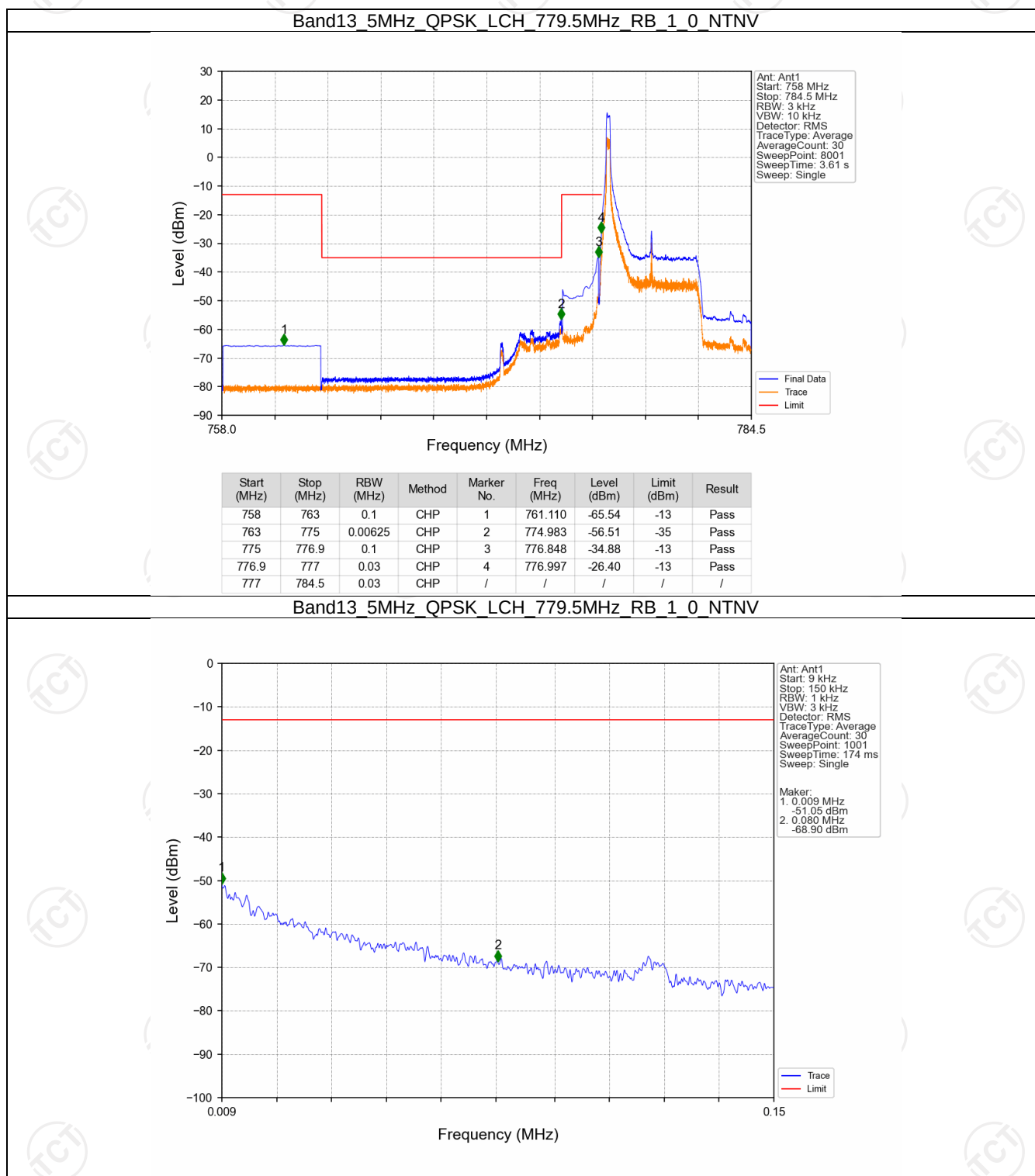
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B13_10MHz

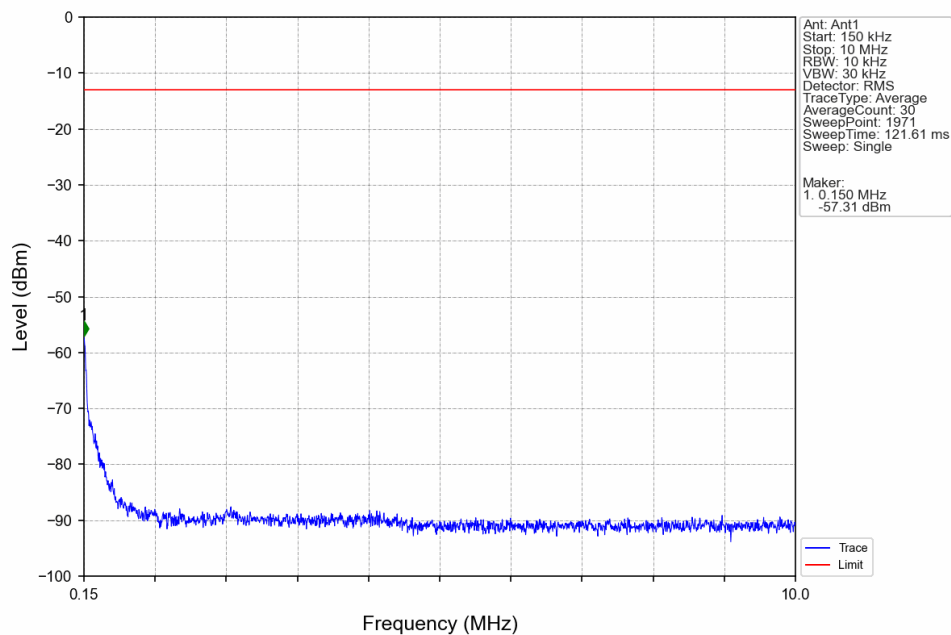
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

6.2 Test Graph

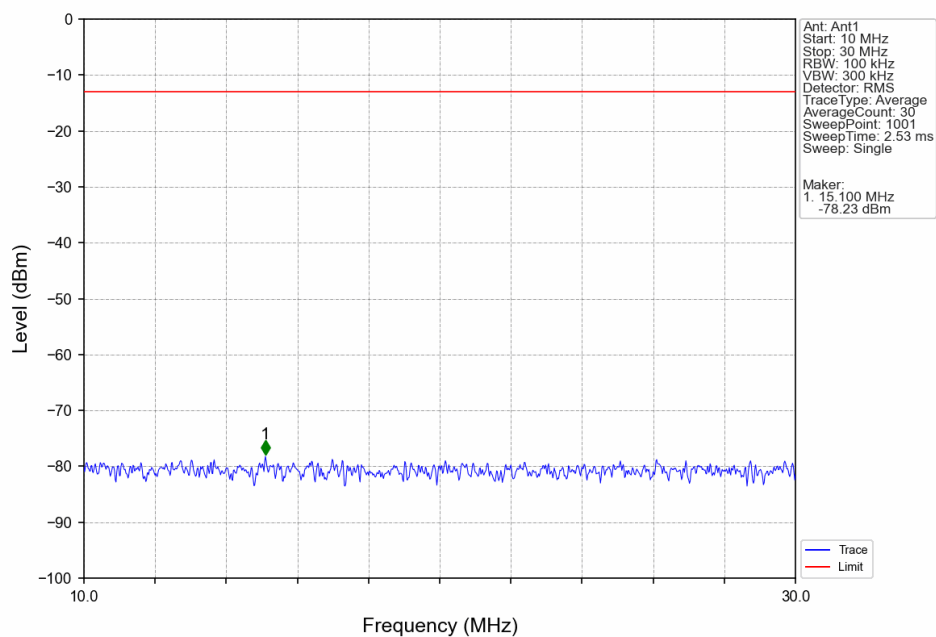
6.2.1 B13_5MHz



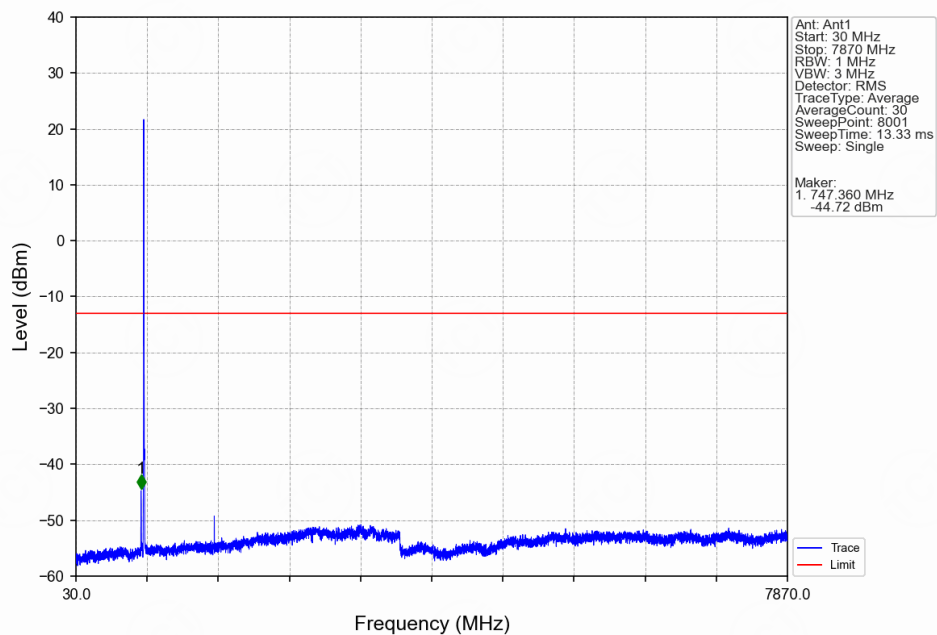
Band13 5MHz QPSK LCH 779.5MHz RB 1 0 NTNV



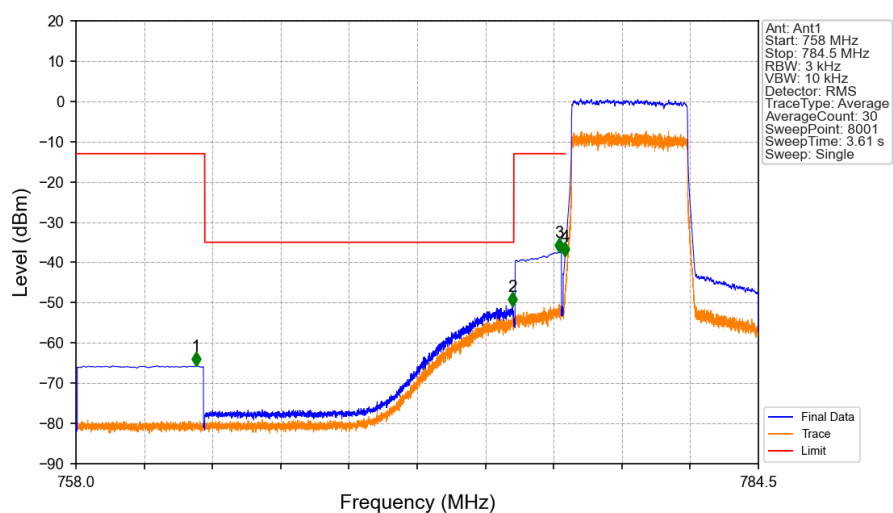
Band13 5MHz QPSK LCH 779.5MHz RB 1 0 NTNV



Band13 5MHz QPSK LCH 779.5MHz RB 1 0 NTNV

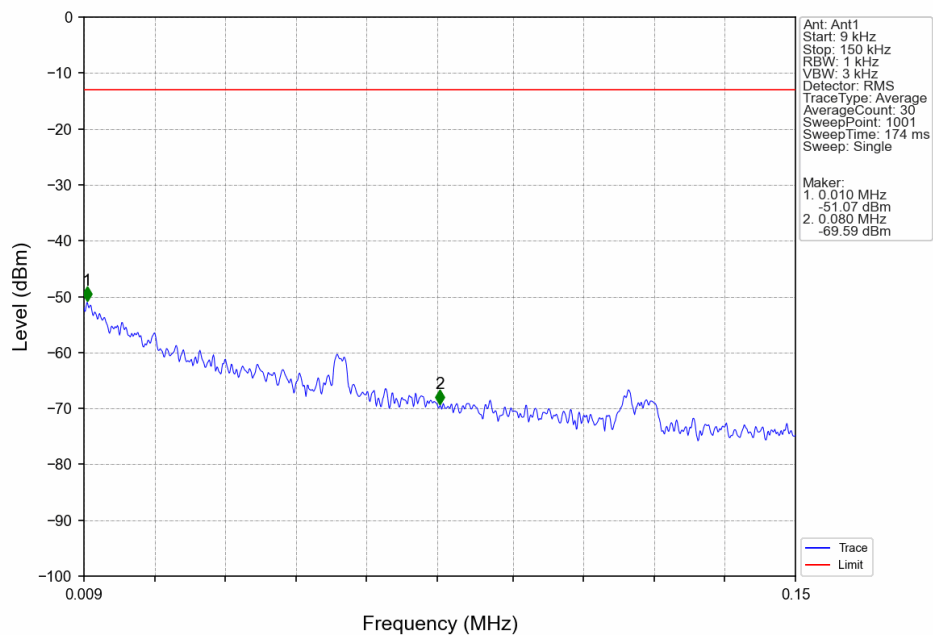


Band13 5MHz QPSK LCH 779.5MHz RB 25 0 NTNV

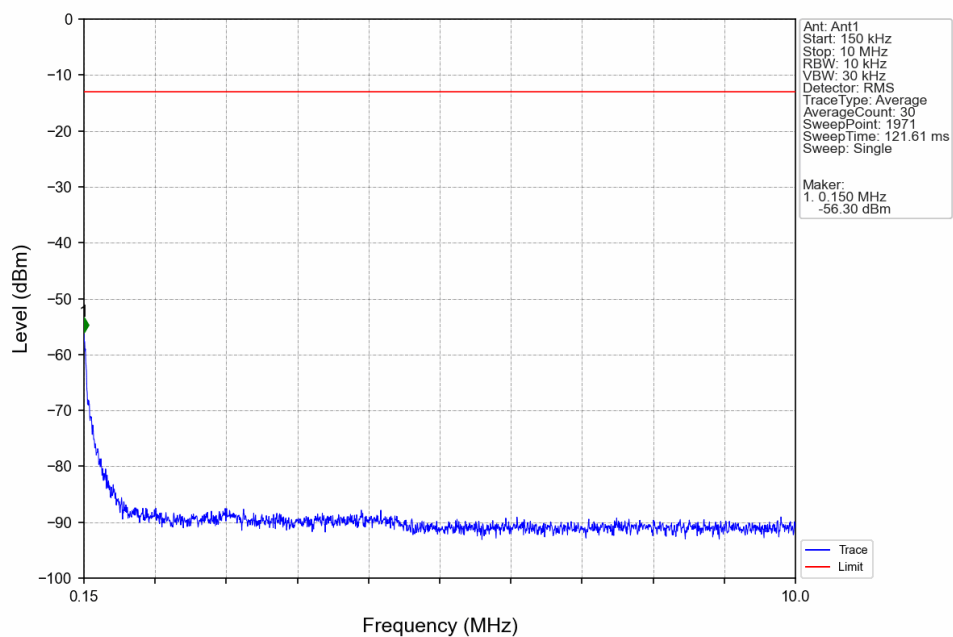


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.664	-65.67	-13	Pass
763	775	0.00625	CHP	2	774.960	-50.78	-35	Pass
775	776.9	0.1	CHP	3	776.775	-37.39	-13	Pass
776.9	777	0.03	CHP	4	776.997	-38.46	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

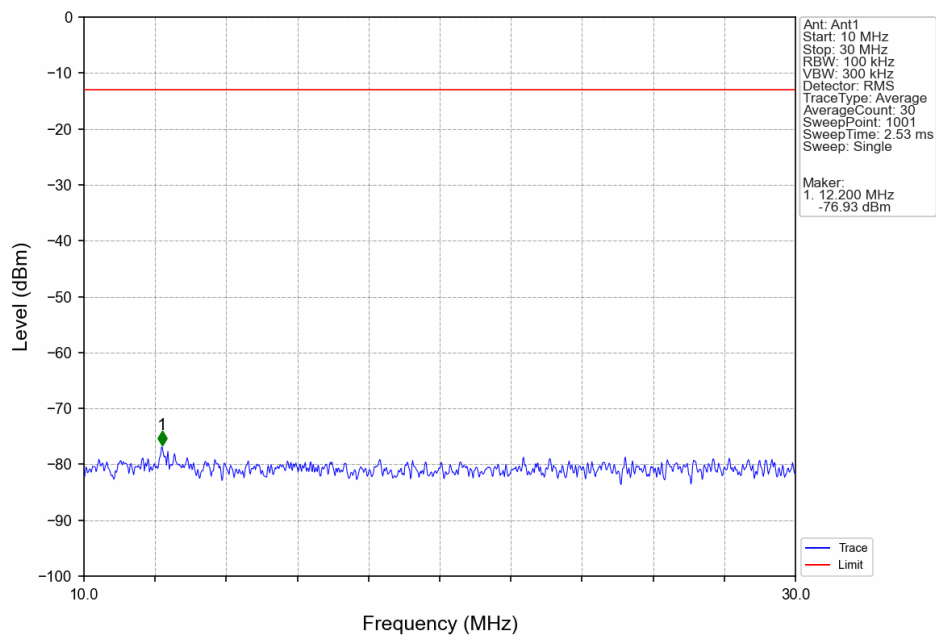
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



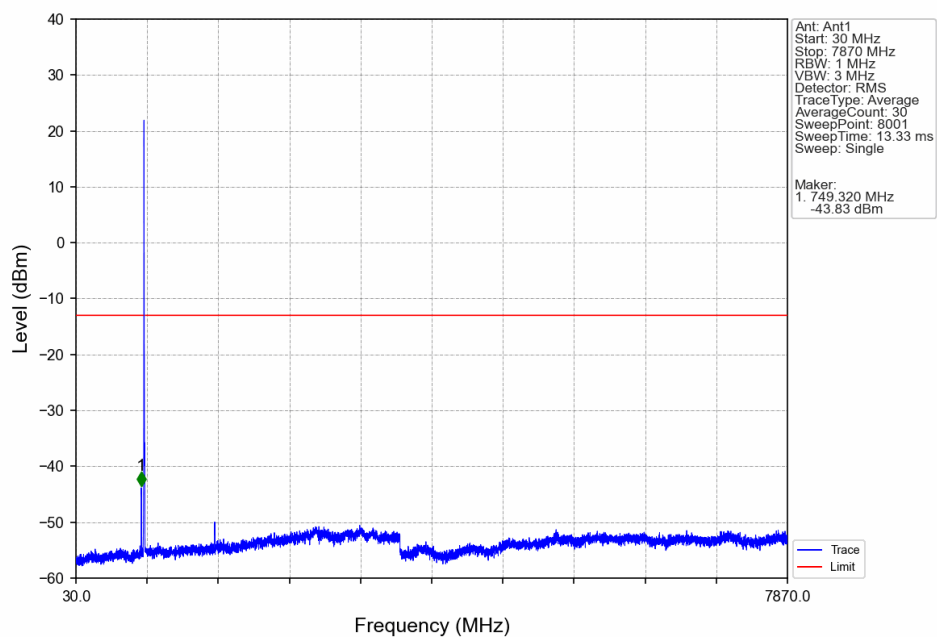
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



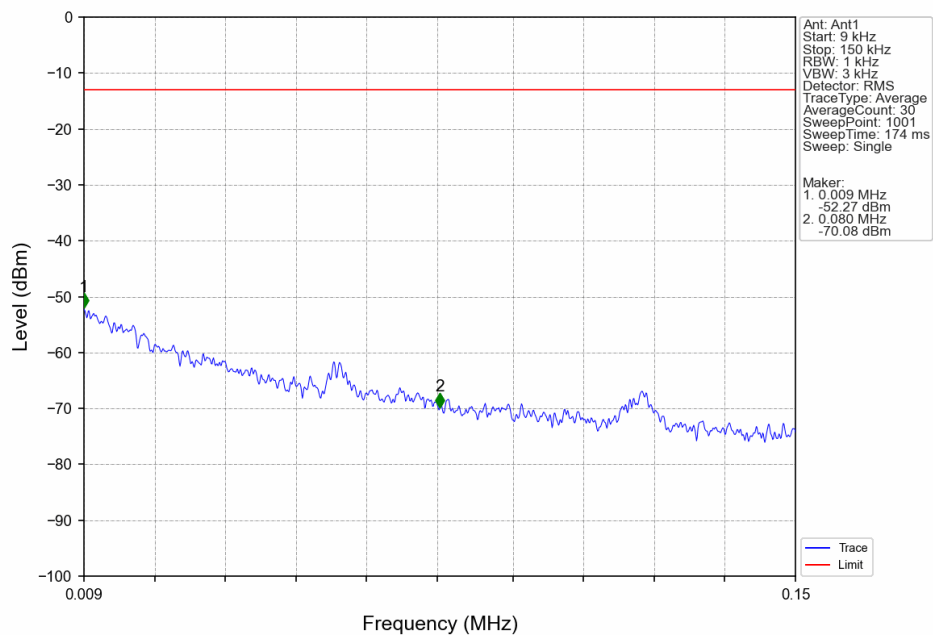
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



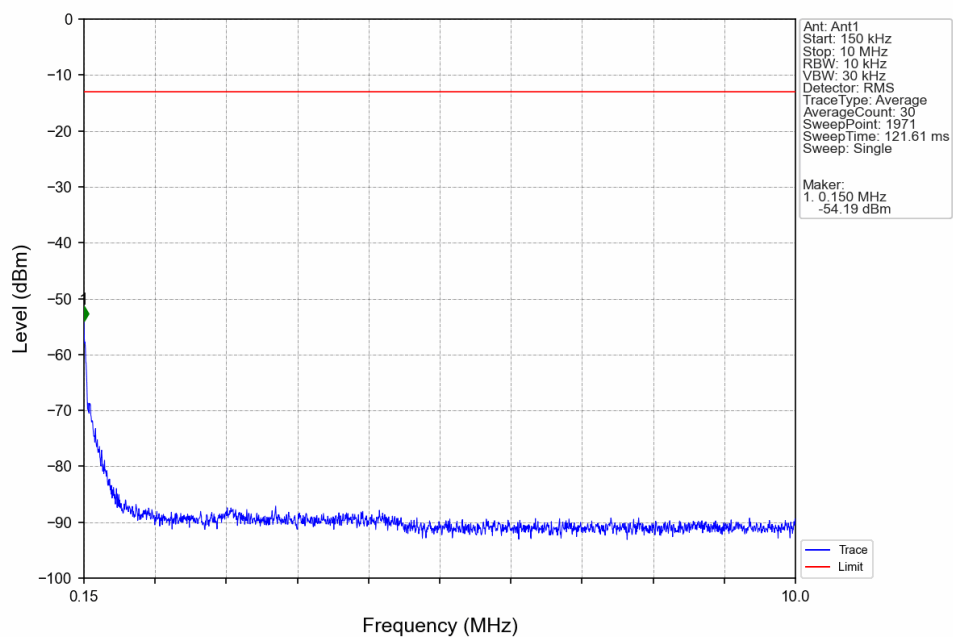
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



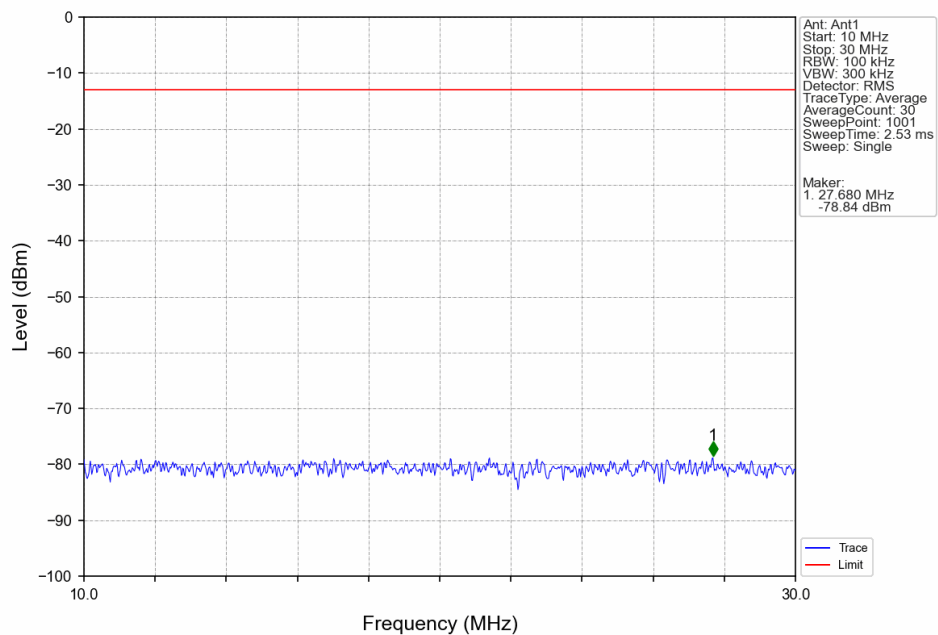
Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN



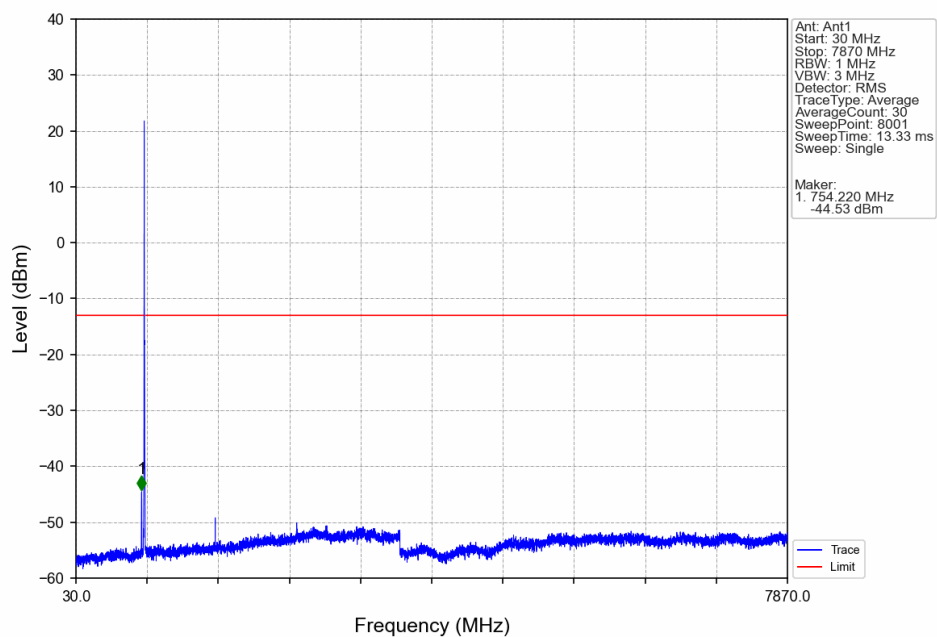
Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN



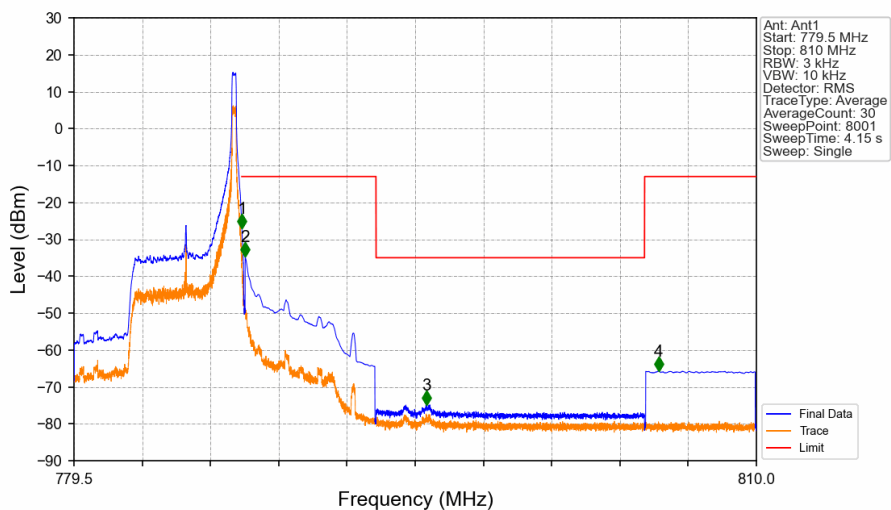
Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN



Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN

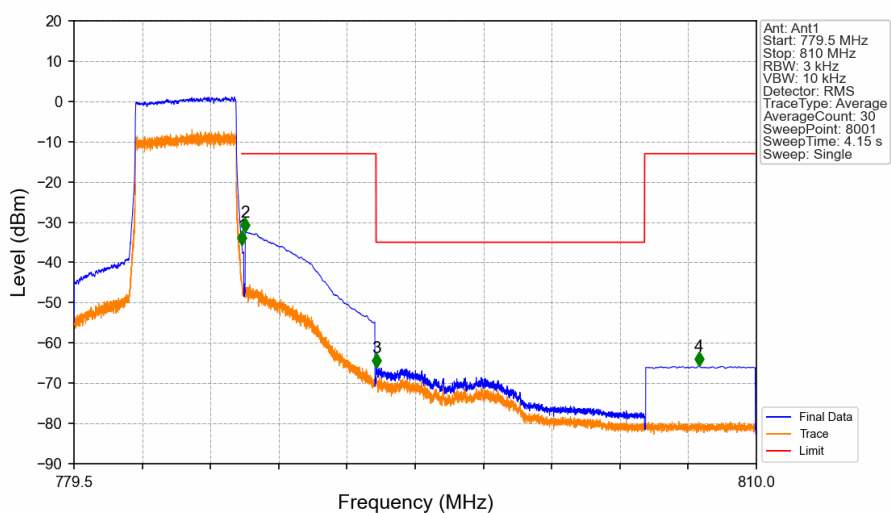


Band13 5MHz QPSK HCH 784.5MHz RB 1 24 NTV



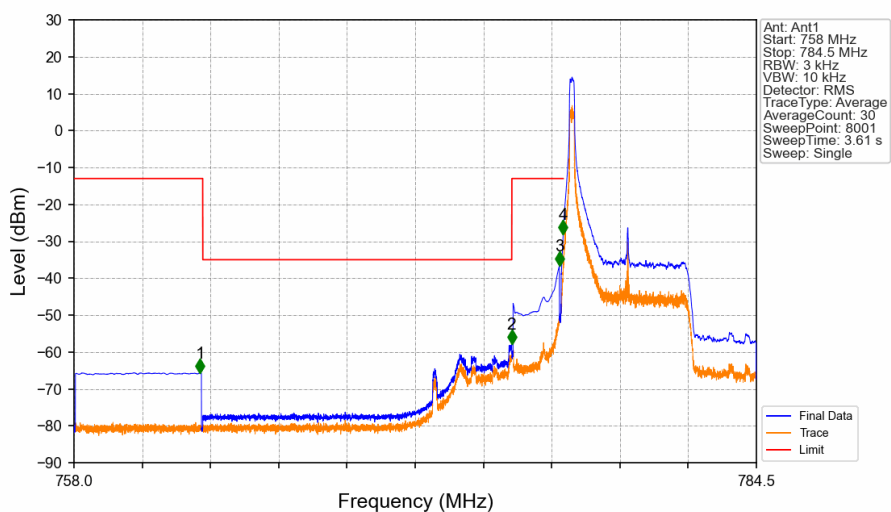
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-26.95	-13	Pass
787.1	793	0.1	CHP	2	787.152	-34.58	-13	Pass
793	805	0.00625	CHP	3	795.269	-74.77	-35	Pass
805	810	0.1	CHP	4	805.627	-65.69	-13	Pass

Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTV



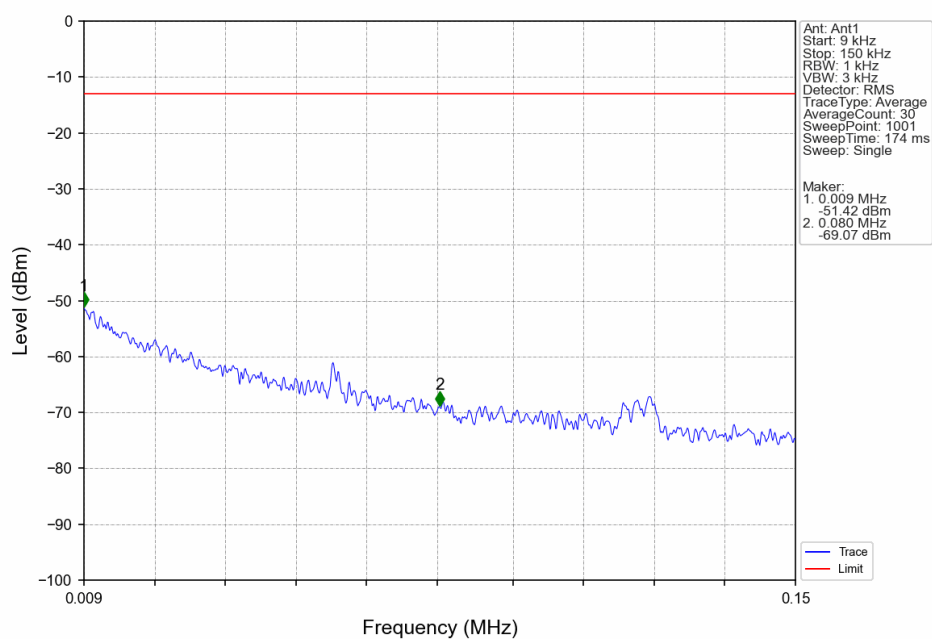
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-35.68	-13	Pass
787.1	793	0.1	CHP	2	787.159	-32.43	-13	Pass
793	805	0.00625	CHP	3	793.004	-66.16	-35	Pass
805	810	0.1	CHP	4	807.427	-65.76	-13	Pass

Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTV

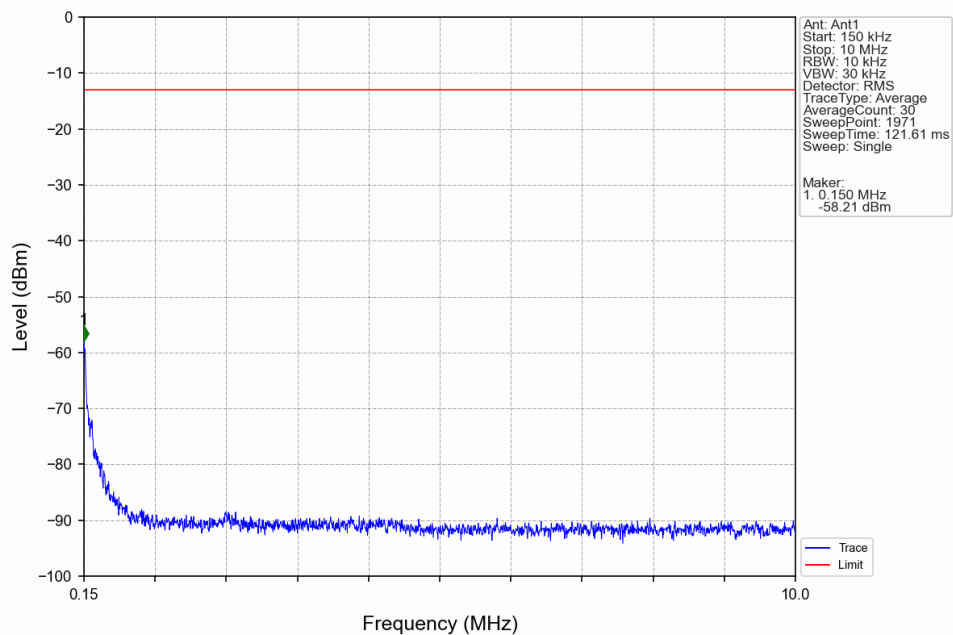


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.899	-65.61	-13	Pass
763	775	0.00625	CHP	2	774.996	-57.90	-35	Pass
775	776.9	0.1	CHP	3	776.848	-36.68	-13	Pass
776.9	777	0.03	CHP	4	776.997	-27.99	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

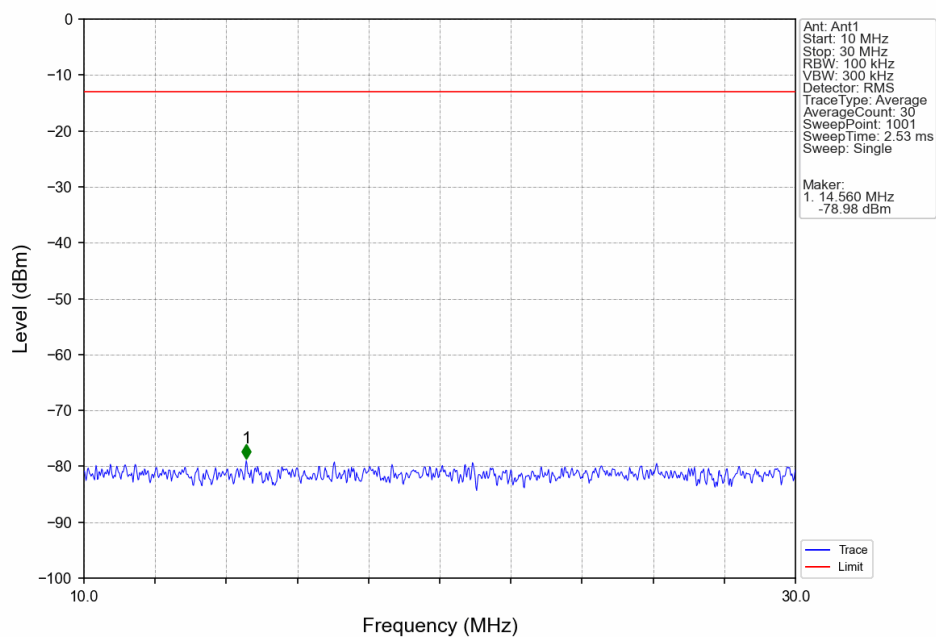
Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTV



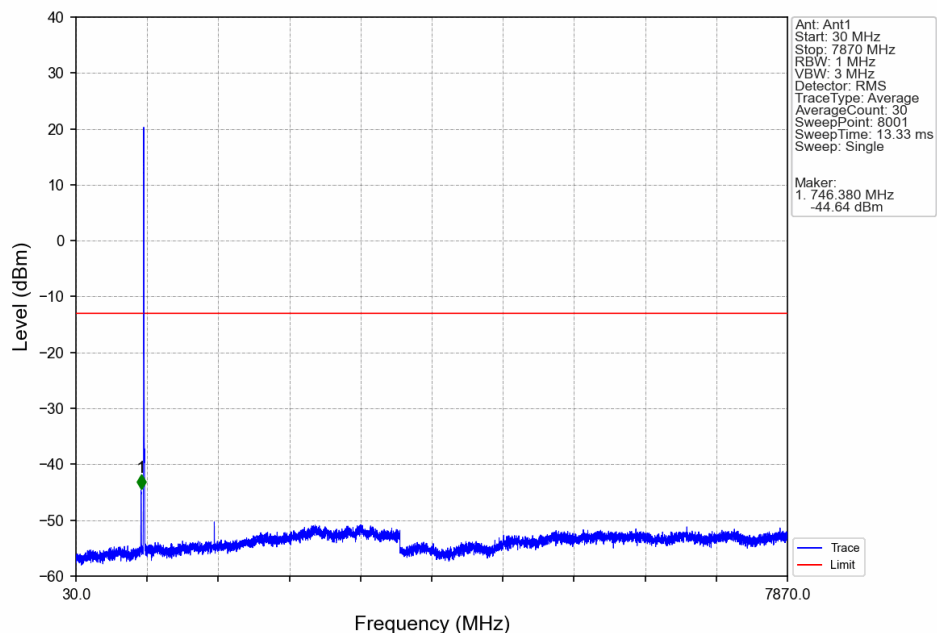
Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTNV



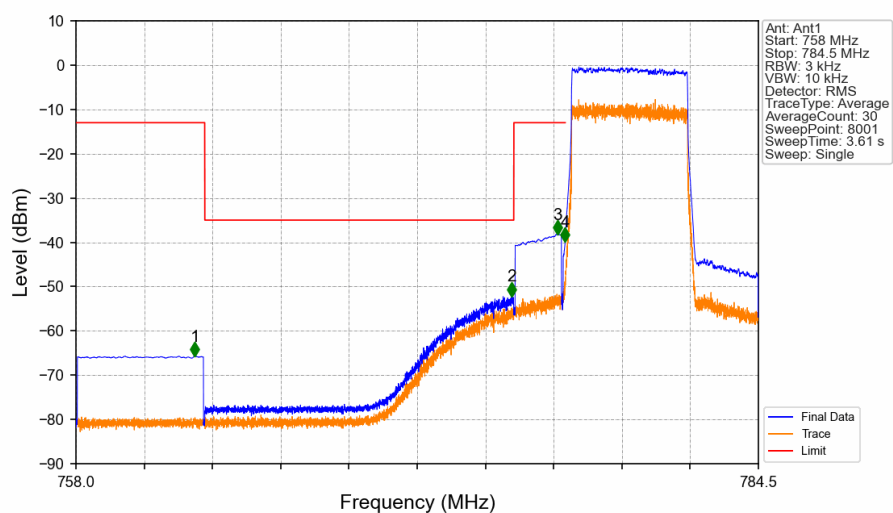
Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTNV



Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTV

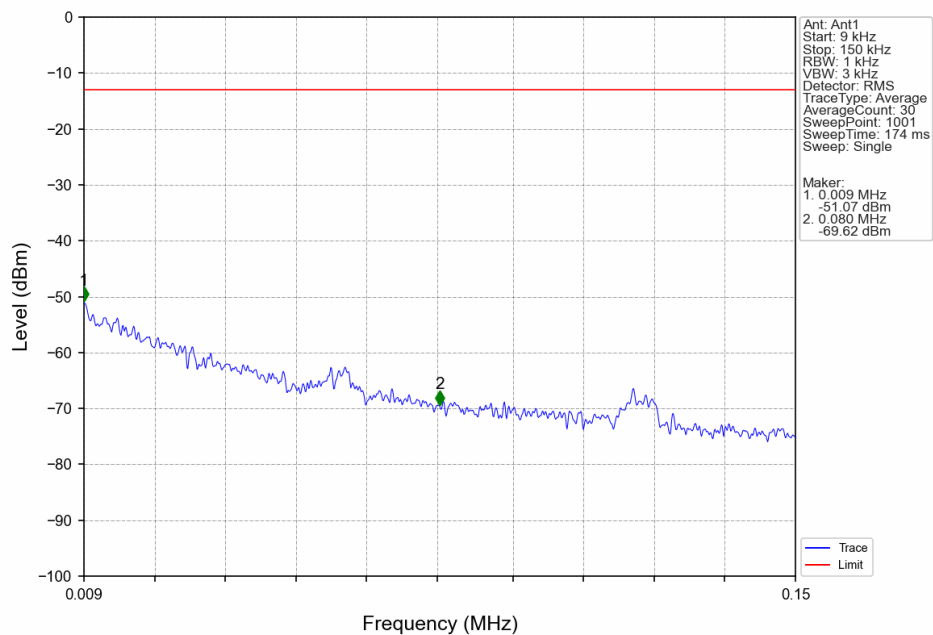


Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTV

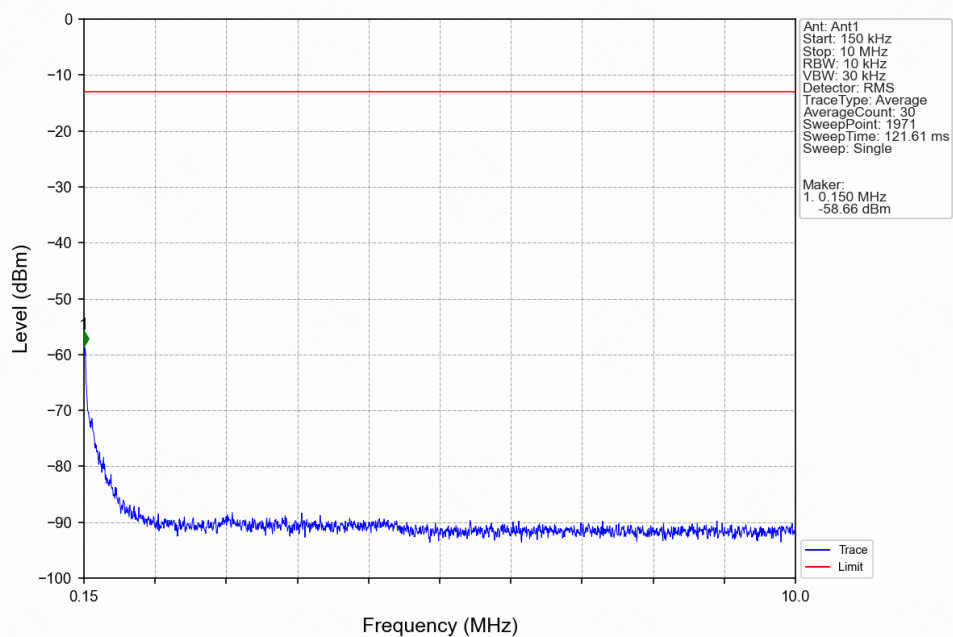


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.611	-65.64	-13	Pass
763	775	0.00625	CHP	2	774.930	-52.15	-35	Pass
775	776.9	0.1	CHP	3	776.712	-38.19	-13	Pass
776.9	777	0.03	CHP	4	776.997	-39.85	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

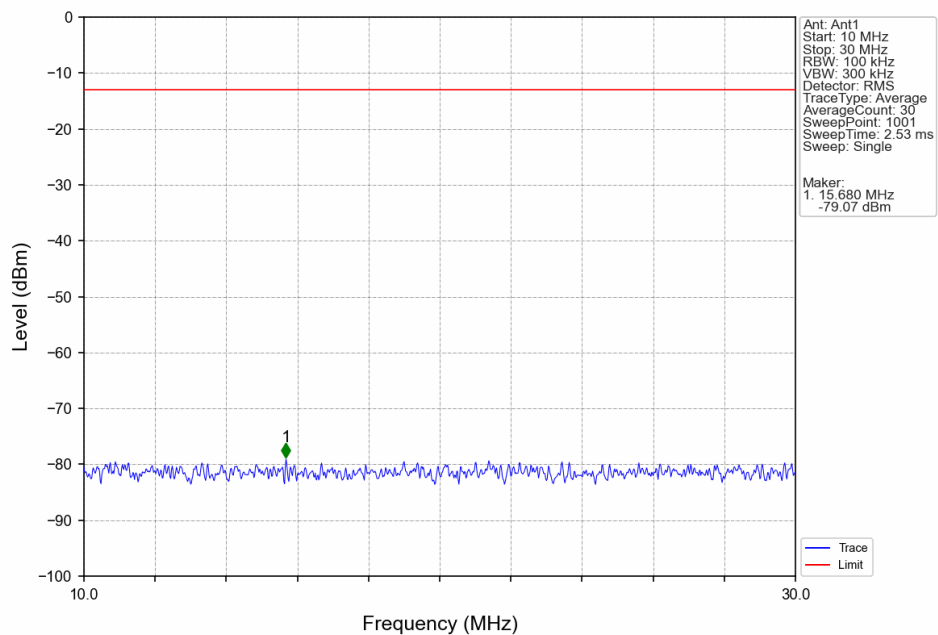
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTNV



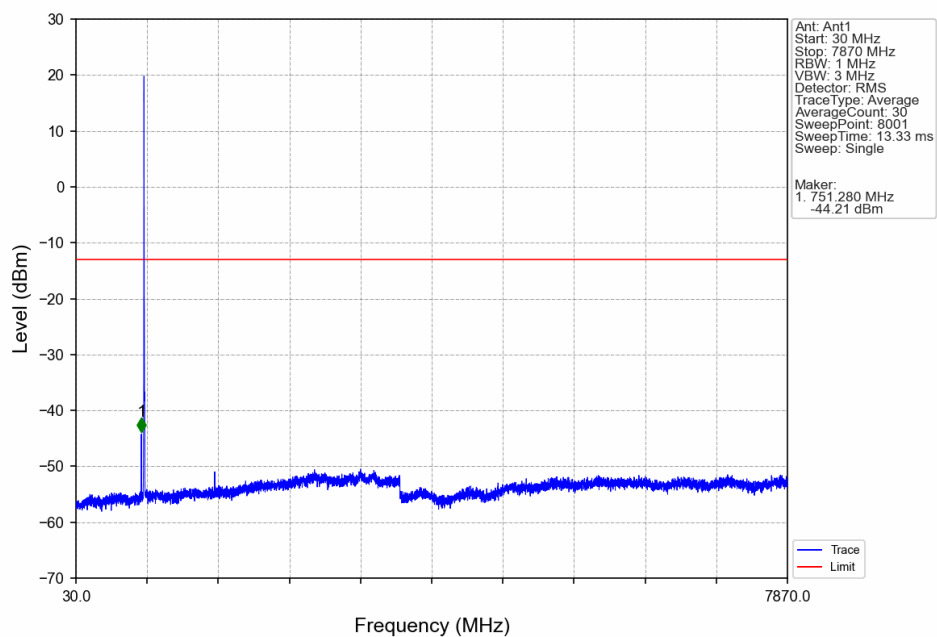
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTNV



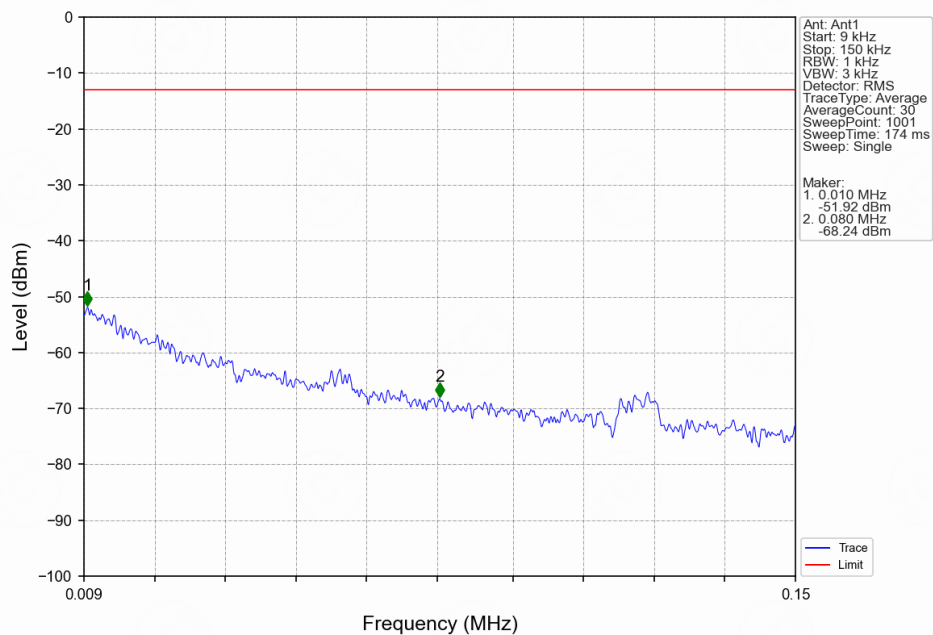
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTN



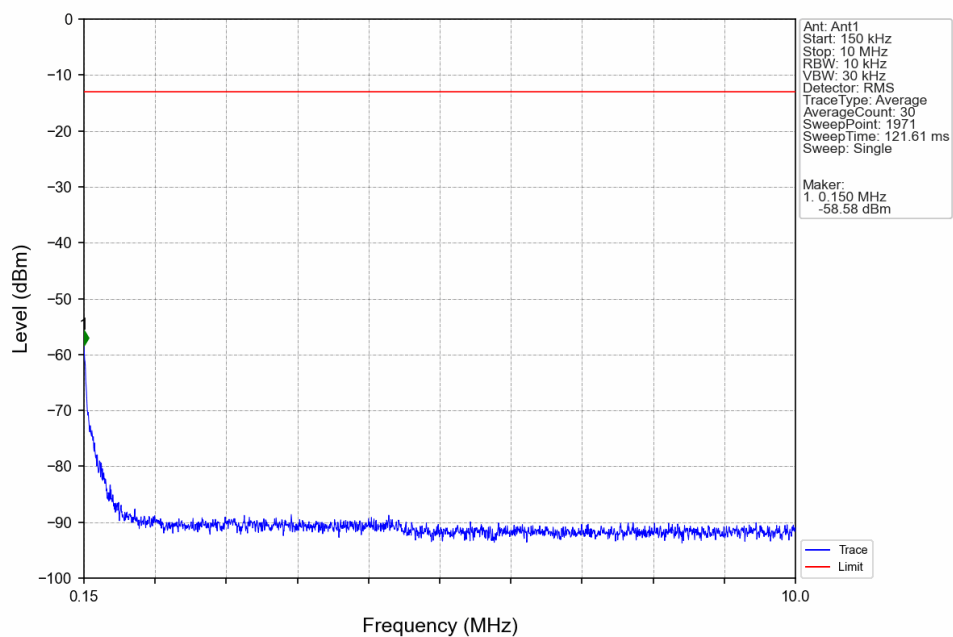
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTN



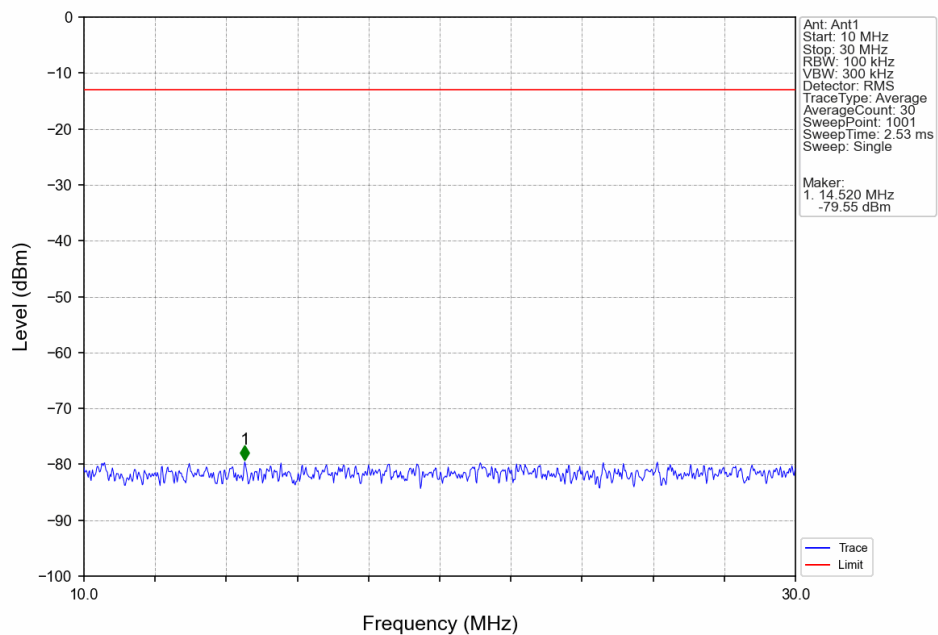
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTNV



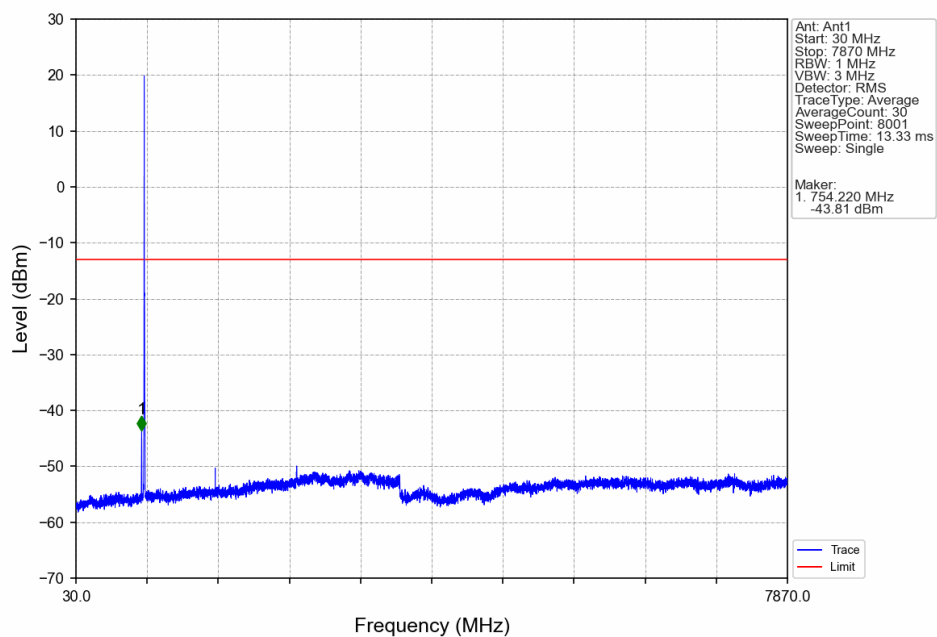
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTNV



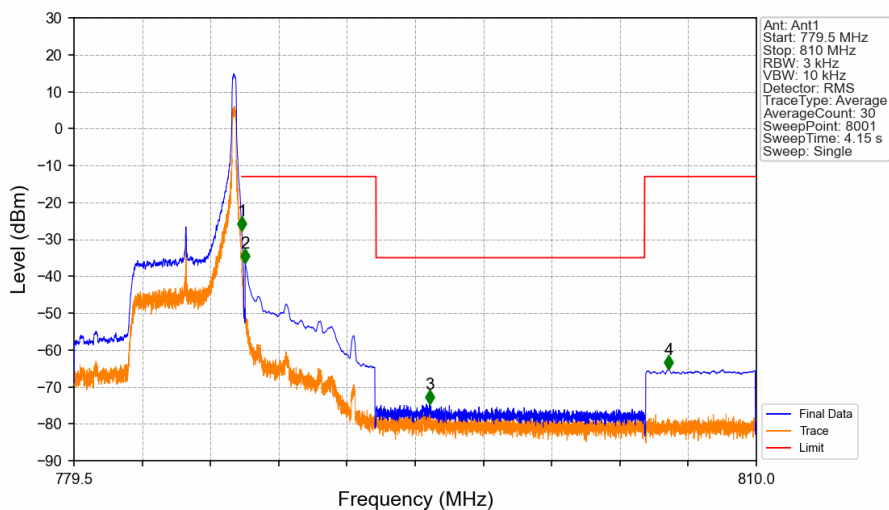
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTV



Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTV

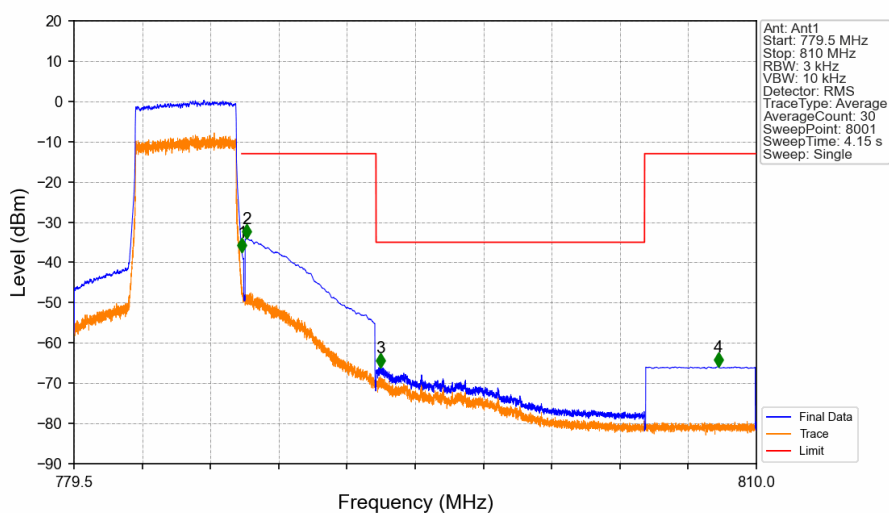


Band13 5MHz 16QAM HCH 784.5MHz RB 1 24 NTV



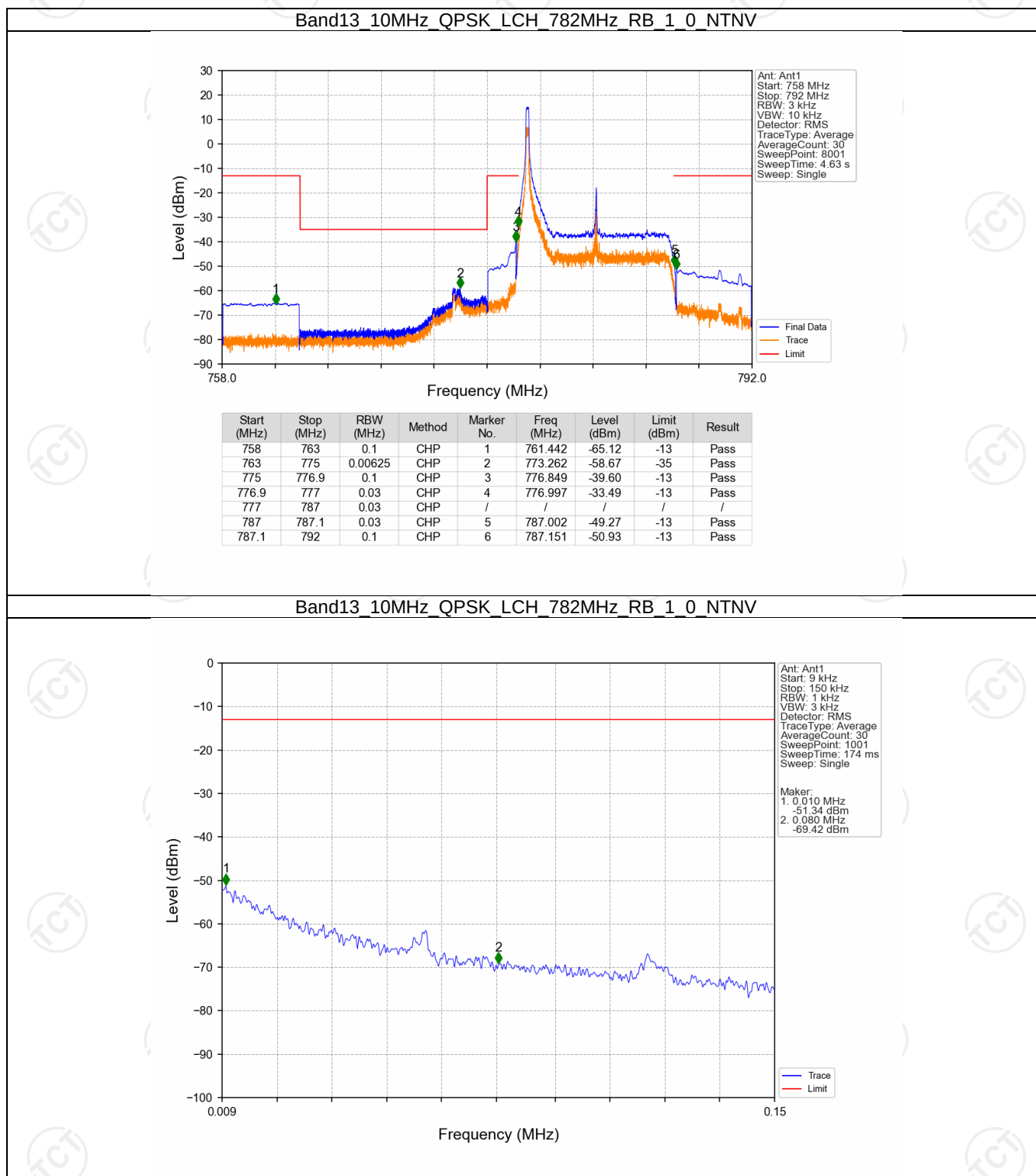
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-27.73	-13	Pass
787.1	793	0.1	CHP	2	787.152	-36.43	-13	Pass
793	805	0.00625	CHP	3	795.413	-74.63	-35	Pass
805	810	0.1	CHP	4	806.077	-65.15	-13	Pass

Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTV

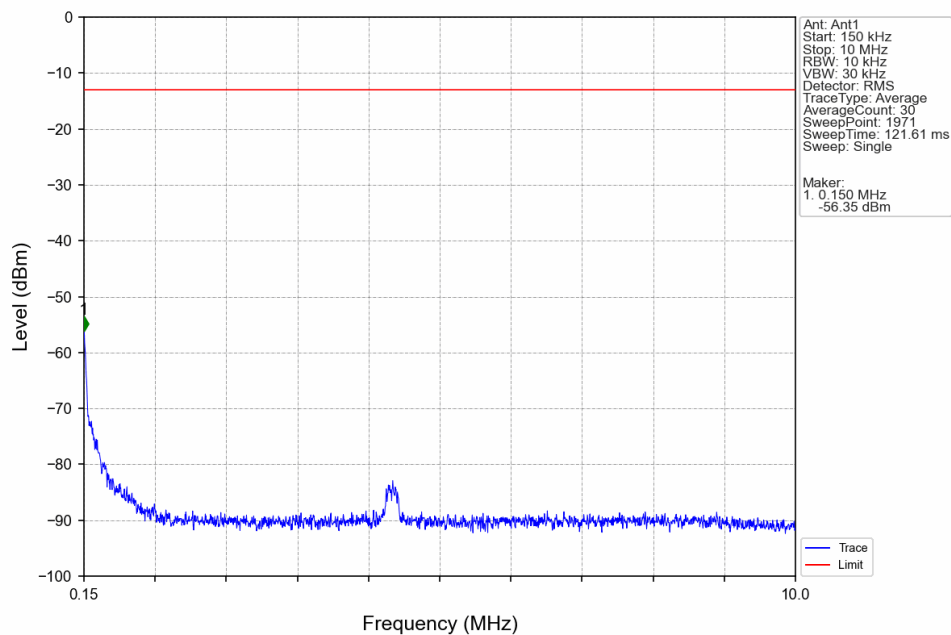


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-37.44	-13	Pass
787.1	793	0.1	CHP	2	787.205	-34.12	-13	Pass
793	805	0.00625	CHP	3	793.191	-66.05	-35	Pass
805	810	0.1	CHP	4	808.288	-65.87	-13	Pass

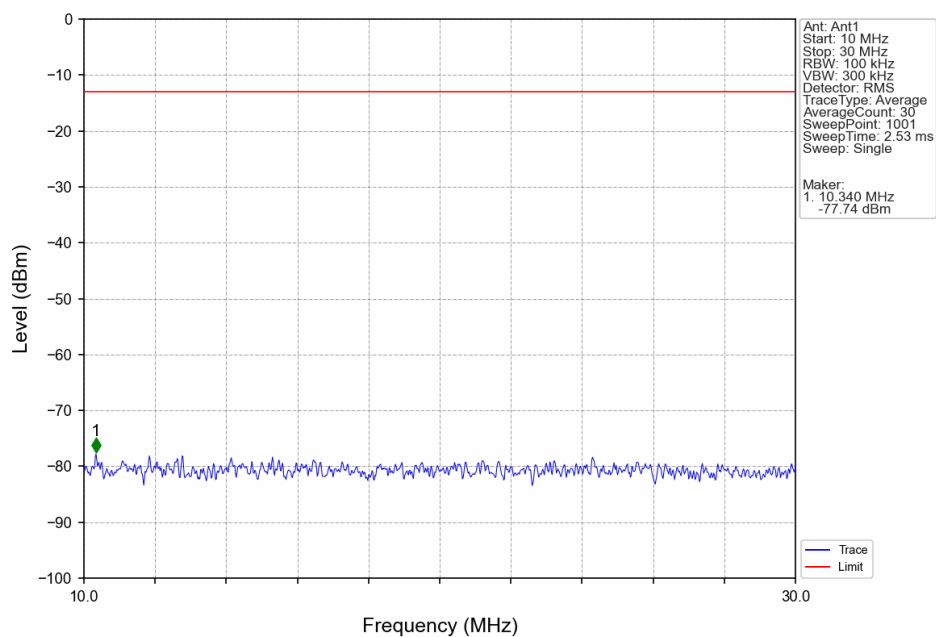
6.2.2 B13_10MHz



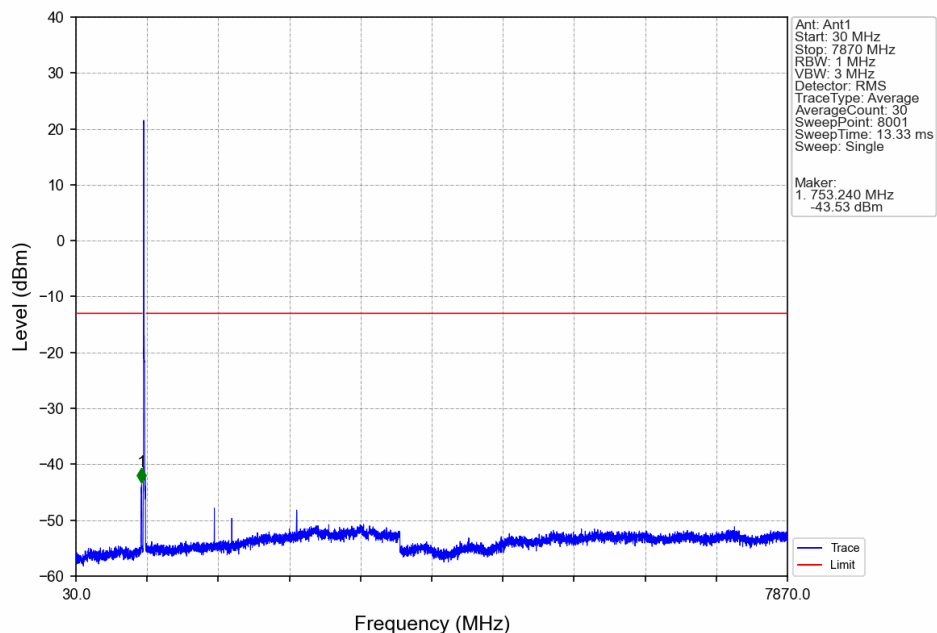
Band13 10MHz QPSK LCH 782MHz RB 1 0 NTNV



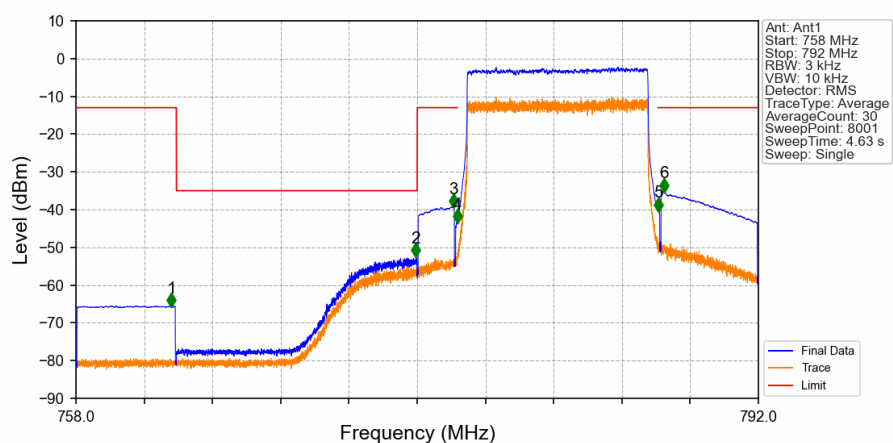
Band13 10MHz QPSK LCH 782MHz RB 1 0 NTNV



Band13 10MHz QPSK LCH 782MHz RB 1 0 NTN

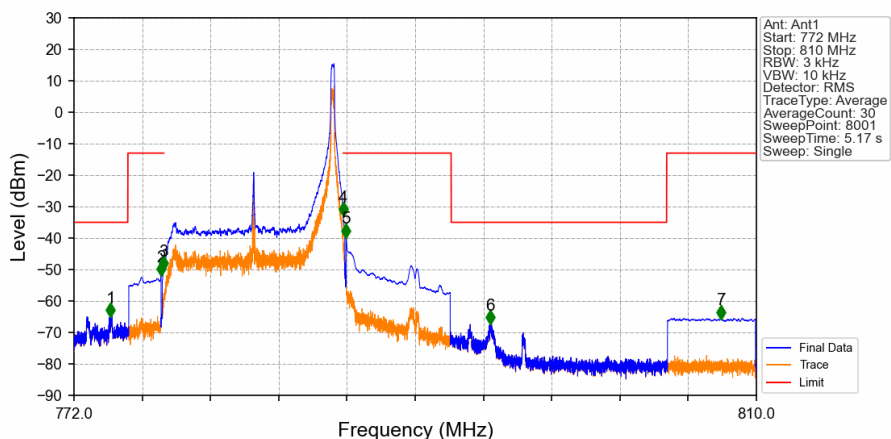


Band13 10MHz QPSK LCH 782MHz RB 50 0 NTN



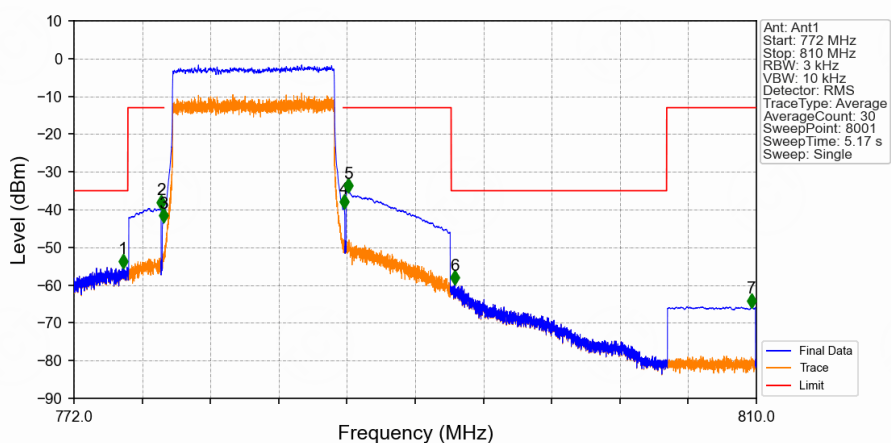
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.747	-65.54	-13	Pass
763	775	0.00625	CHP	2	774.936	-52.34	-35	Pass
775	776.9	0.1	CHP	3	776.798	-39.26	-13	Pass
776.9	777	0.03	CHP	4	776.997	-43.27	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.032	-40.20	-13	Pass
787.1	792	0.1	CHP	6	787.287	-35.10	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 1 49 NTNV



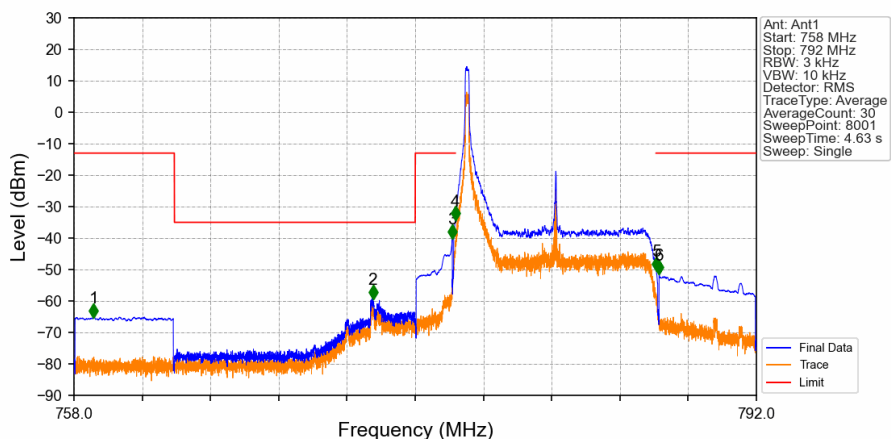
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.038	-64.67	-35	Pass
775	776.9	0.1	CHP	2	776.850	-51.72	-13	Pass
776.9	777	0.03	CHP	3	776.997	-49.94	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-32.66	-13	Pass
787.1	793	0.1	CHP	5	787.153	-39.49	-13	Pass
793	805	0.00625	CHP	6	795.194	-67.01	-35	Pass
805	810	0.1	CHP	7	808.043	-65.40	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 50 0 NTNV



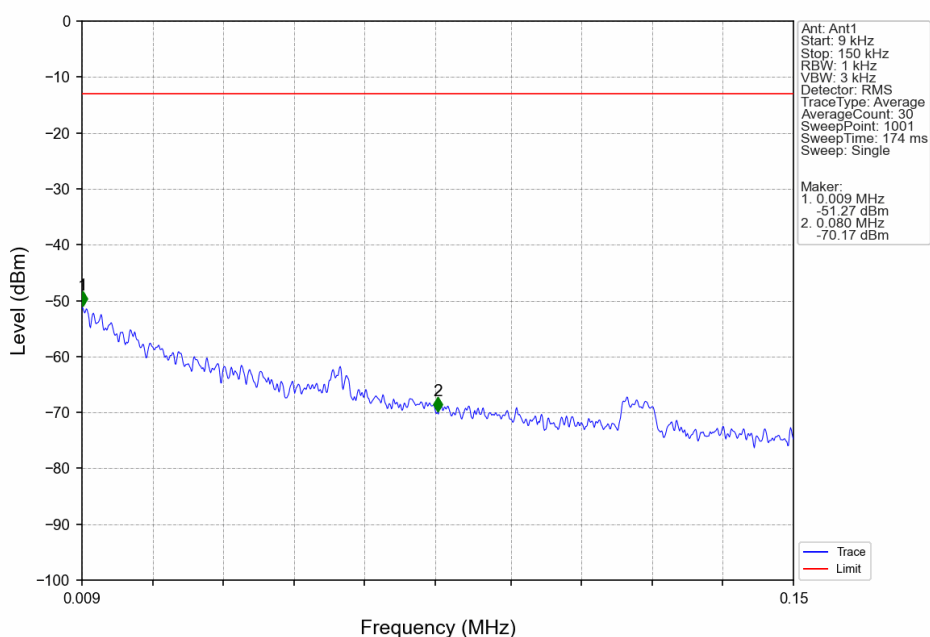
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.722	-55.19	-35	Pass
775	776.9	0.1	CHP	2	776.845	-39.57	-13	Pass
776.9	777	0.03	CHP	3	776.997	-43.07	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.038	-39.36	-13	Pass
787.1	793	0.1	CHP	5	787.285	-35.15	-13	Pass
793	805	0.00625	CHP	6	793.194	-59.61	-35	Pass
805	810	0.1	CHP	7	809.739	-65.63	-13	Pass

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

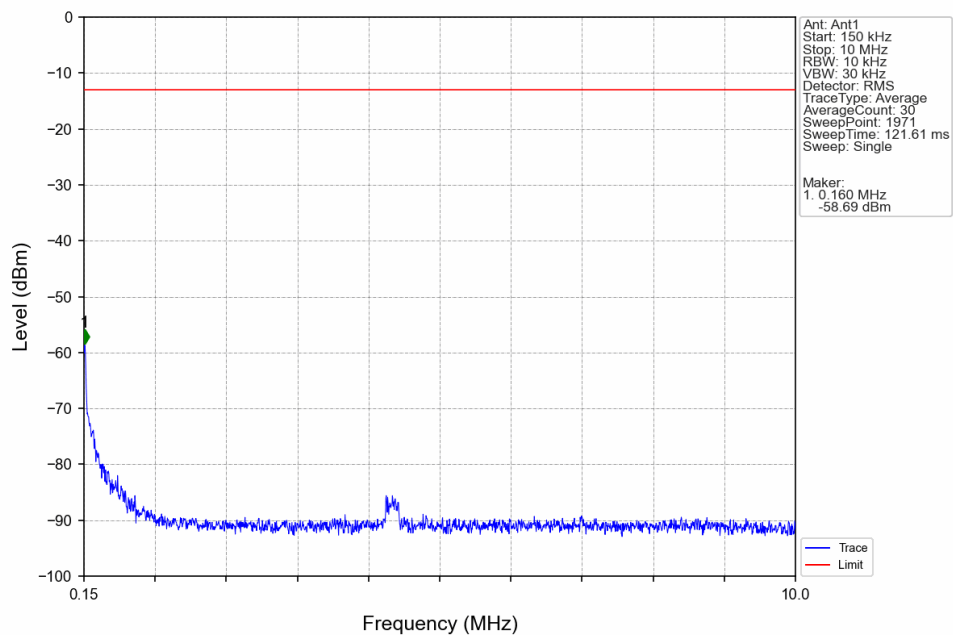


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.977	-64.90	-13	Pass
763	775	0.00625	CHP	2	772.892	-59.02	-35	Pass
775	776.9	0.1	CHP	3	776.849	-39.75	-13	Pass
776.9	777	0.03	CHP	4	776.997	-34.01	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-50.00	-13	Pass
787.1	792	0.1	CHP	6	787.151	-51.15	-13	Pass

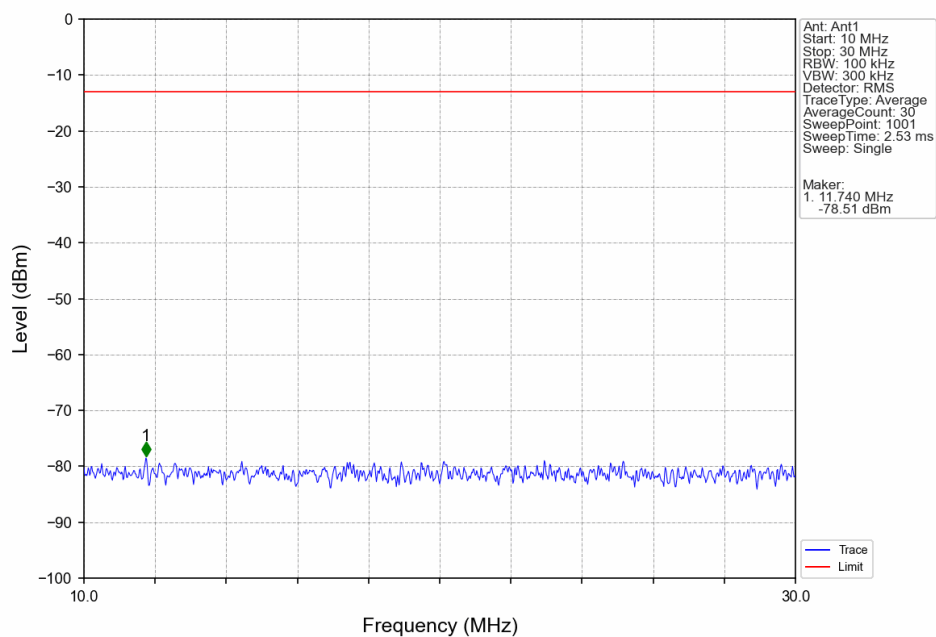
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV



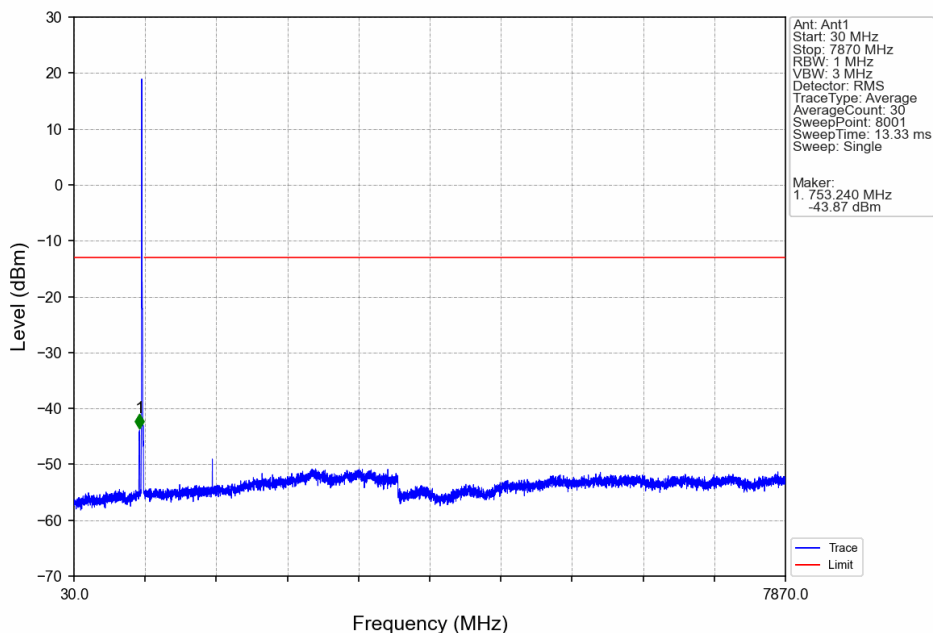
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV



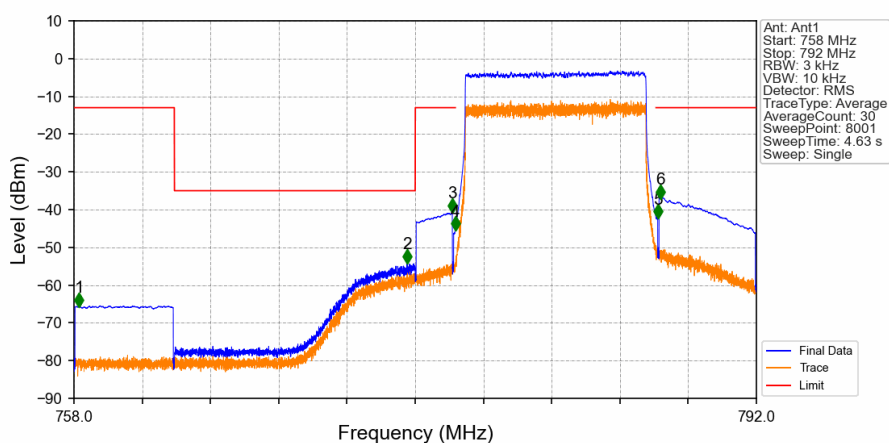
Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV



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

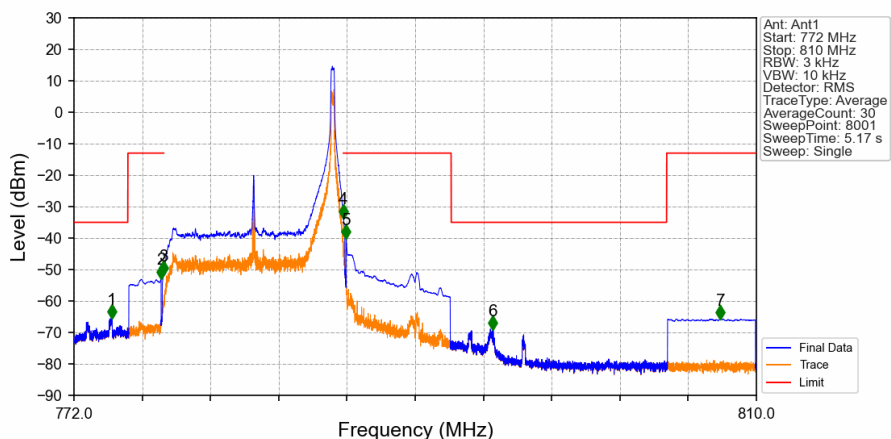


Band13 10MHz 16QAM LCH 782MHz RB 50 0 NTNV



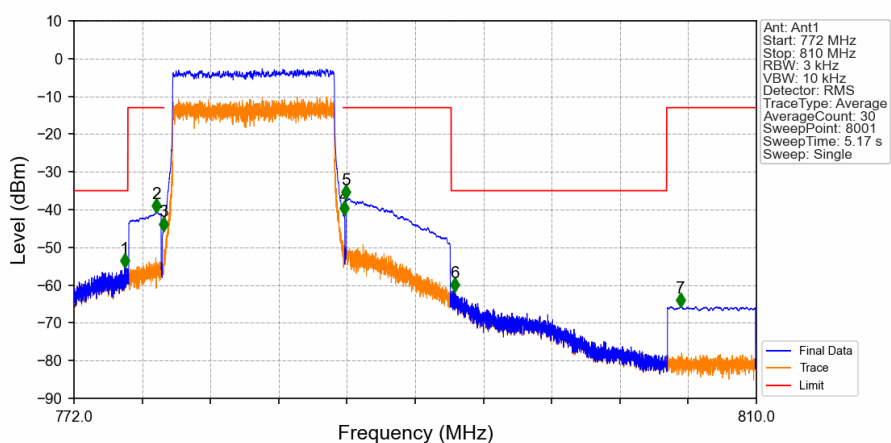
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.255	-65.43	-13	Pass
763	775	0.00625	CHP	2	774.592	-53.89	-35	Pass
775	776.9	0.1	CHP	3	776.849	-40.47	-13	Pass
776.9	777	0.03	CHP	4	776.997	-45.21	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.078	-42.02	-13	Pass
787.1	792	0.1	CHP	6	787.236	-36.80	-13	Pass

Band13 10MHz 16QAM HCH 782MHz RB 1 49 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.114	-65.27	-35	Pass
775	776.9	0.1	CHP	2	776.850	-52.61	-13	Pass
776.9	777	0.03	CHP	3	776.997	-51.41	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-33.33	-13	Pass
787.1	793	0.1	CHP	5	787.153	-39.89	-13	Pass
793	805	0.00625	CHP	6	795.294	-68.82	-35	Pass
805	810	0.1	CHP	7	808.000	-65.55	-13	Pass

Band13 10MHz 16QAM HCH 782MHz RB 50 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.822	-55.00	-35	Pass
775	776.9	0.1	CHP	2	776.579	-40.55	-13	Pass
776.9	777	0.03	CHP	3	776.997	-45.38	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.029	-41.17	-13	Pass
787.1	793	0.1	CHP	5	787.153	-36.90	-13	Pass
793	805	0.00625	CHP	6	793.213	-61.46	-35	Pass
805	810	0.1	CHP	7	805.792	-65.53	-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	0.1782	0.0082	ppm	4M56G7D	27F	22.51
13	5	779.5	784.5	0.1545	0.0097	ppm	4M56W7D	27F	21.89
13	10	782	782	0.1791	0.0072	ppm	9M05G7D	27F	22.53
13	10	782	782	0.1371	0.0069	ppm	9M05W7D	27F	21.37

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	0.0356	0.0082	ppm	4M56G7D	27F	15.51
13	5	779.5	784.5	0.0308	0.0097	ppm	4M56W7D	27F	14.89
13	10	782	782	0.0357	0.0072	ppm	9M05G7D	27F	15.53
13	10	782	782	0.0274	0.0069	ppm	9M05W7D	27F	14.37