

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	23.19	-1.20	19.84	<=34.77	Pass
			13	23.28	-1.20	19.93	<=34.77	Pass
			24	23.25	-1.20	19.90	<=34.77	Pass
		12	0	22.17	-1.20	18.82	<=34.77	Pass
			6	22.24	-1.20	18.89	<=34.77	Pass
			13	22.24	-1.20	18.89	<=34.77	Pass
		25	0	22.24	-1.20	18.89	<=34.77	Pass
	782	1	0	23.22	-1.20	19.87	<=34.77	Pass
			13	23.27	-1.20	19.92	<=34.77	Pass
			24	23.21	-1.20	19.86	<=34.77	Pass
		12	0	22.19	-1.20	18.84	<=34.77	Pass
			6	22.20	-1.20	18.85	<=34.77	Pass
			13	22.25	-1.20	18.90	<=34.77	Pass
		25	0	22.16	-1.20	18.81	<=34.77	Pass
	784.5	1	0	23.23	-1.20	19.88	<=34.77	Pass
			13	23.27	-1.20	19.92	<=34.77	Pass
			24	23.19	-1.20	19.84	<=34.77	Pass
		12	0	22.17	-1.20	18.82	<=34.77	Pass
			6	22.16	-1.20	18.81	<=34.77	Pass
			13	22.18	-1.20	18.83	<=34.77	Pass
		25	0	22.14	-1.20	18.79	<=34.77	Pass
16QAM	779.5	1	0	22.23	-1.20	18.88	<=34.77	Pass
			13	22.38	-1.20	19.03	<=34.77	Pass
			24	22.43	-1.20	19.08	<=34.77	Pass
		12	0	21.17	-1.20	17.82	<=34.77	Pass
			6	21.25	-1.20	17.90	<=34.77	Pass
			13	21.29	-1.20	17.94	<=34.77	Pass
		25	0	21.26	-1.20	17.91	<=34.77	Pass
	782	1	0	22.23	-1.20	18.88	<=34.77	Pass
			13	22.45	-1.20	19.10	<=34.77	Pass
			24	22.30	-1.20	18.95	<=34.77	Pass
		12	0	21.21	-1.20	17.86	<=34.77	Pass
			6	21.21	-1.20	17.86	<=34.77	Pass
			13	21.26	-1.20	17.91	<=34.77	Pass
		25	0	21.19	-1.20	17.84	<=34.77	Pass
	784.5	1	0	22.45	-1.20	19.10	<=34.77	Pass
			13	22.49	-1.20	19.14	<=34.77	Pass
			24	22.36	-1.20	19.01	<=34.77	Pass
		12	0	21.22	-1.20	17.87	<=34.77	Pass
			6	21.13	-1.20	17.78	<=34.77	Pass
			13	21.21	-1.20	17.86	<=34.77	Pass
		25	0	21.17	-1.20	17.82	<=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	23.16	-1.20	19.81	<=34.77	Pass
			25	23.27	-1.20	19.92	<=34.77	Pass
			49	23.16	-1.20	19.81	<=34.77	Pass
		25	0	22.20	-1.20	18.85	<=34.77	Pass
			13	22.24	-1.20	18.89	<=34.77	Pass
			25	22.26	-1.20	18.91	<=34.77	Pass
		50	0	22.23	-1.20	18.88	<=34.77	Pass
16QAM	782	1	0	22.26	-1.20	18.91	<=34.77	Pass
			25	22.40	-1.20	19.05	<=34.77	Pass
			49	22.23	-1.20	18.88	<=34.77	Pass
		12	0	22.15	-1.20	18.80	<=34.77	Pass
			19	22.21	-1.20	18.86	<=34.77	Pass
			38	22.21	-1.20	18.86	<=34.77	Pass
		27	0	21.27	-1.20	17.92	<=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	1.860	0.0024	-2.5 to 2.5	Pass
					3.85	1.903	0.0024	-2.5 to 2.5	Pass
					4.43	2.246	0.0029	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0035	-2.5 to 2.5	Pass
				-20	3.85	3.705	0.0048	-2.5 to 2.5	Pass
				-10	3.85	2.217	0.0028	-2.5 to 2.5	Pass
				0	3.85	1.245	0.0016	-2.5 to 2.5	Pass
				10	3.85	0.930	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.402	0.0018	-2.5 to 2.5	Pass
				40	3.85	0.687	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.144	0.0015	-2.5 to 2.5	Pass
	782	25	0	20	3.27	0.658	0.0008	-2.5 to 2.5	Pass
					3.85	0.100	0.0001	-2.5 to 2.5	Pass
					4.43	0.901	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.616	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0023	-2.5 to 2.5	Pass
				30	3.85	2.031	0.0026	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0022	-2.5 to 2.5	Pass
				50	3.85	3.004	0.0038	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	3.333	0.0042	-2.5 to 2.5	Pass
					3.85	2.947	0.0038	-2.5 to 2.5	Pass
					4.43	2.604	0.0033	-2.5 to 2.5	Pass
				-30	3.85	1.888	0.0024	-2.5 to 2.5	Pass

16QAM	779.5	25	0	-20	3.85	0.987	0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0015	-2.5 to 2.5	Pass
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.330	0.0017	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.358	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0011	-2.5 to 2.5	Pass
	782	25	0	20	3.27	0.587	0.0008	-2.5 to 2.5	Pass
					3.85	0.973	0.0012	-2.5 to 2.5	Pass
					4.43	1.345	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.372	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.687	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.358	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				20	3.27	2.646	0.0034	-2.5 to 2.5	Pass
					3.85	2.632	0.0034	-2.5 to 2.5	Pass
					4.43	2.031	0.0026	-2.5 to 2.5	Pass
	784.5	25	0	-30	3.85	1.717	0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.760	0.0023	-2.5 to 2.5	Pass
				-10	3.85	0.801	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.944	0.0012	-2.5 to 2.5	Pass
				10	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.901	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.186	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				20	3.27	0.529	0.0007	-2.5 to 2.5	Pass
					3.85	0.916	0.0012	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.844	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.815	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.030	0.0013	-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	-0.830	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0025	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.001	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.588	-0.0020	-2.5 to 2.5	Pass

16QAM	782	27	0	20	3.27	-1.116	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.944	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.873	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.901	-0.0012	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B13_5MHz

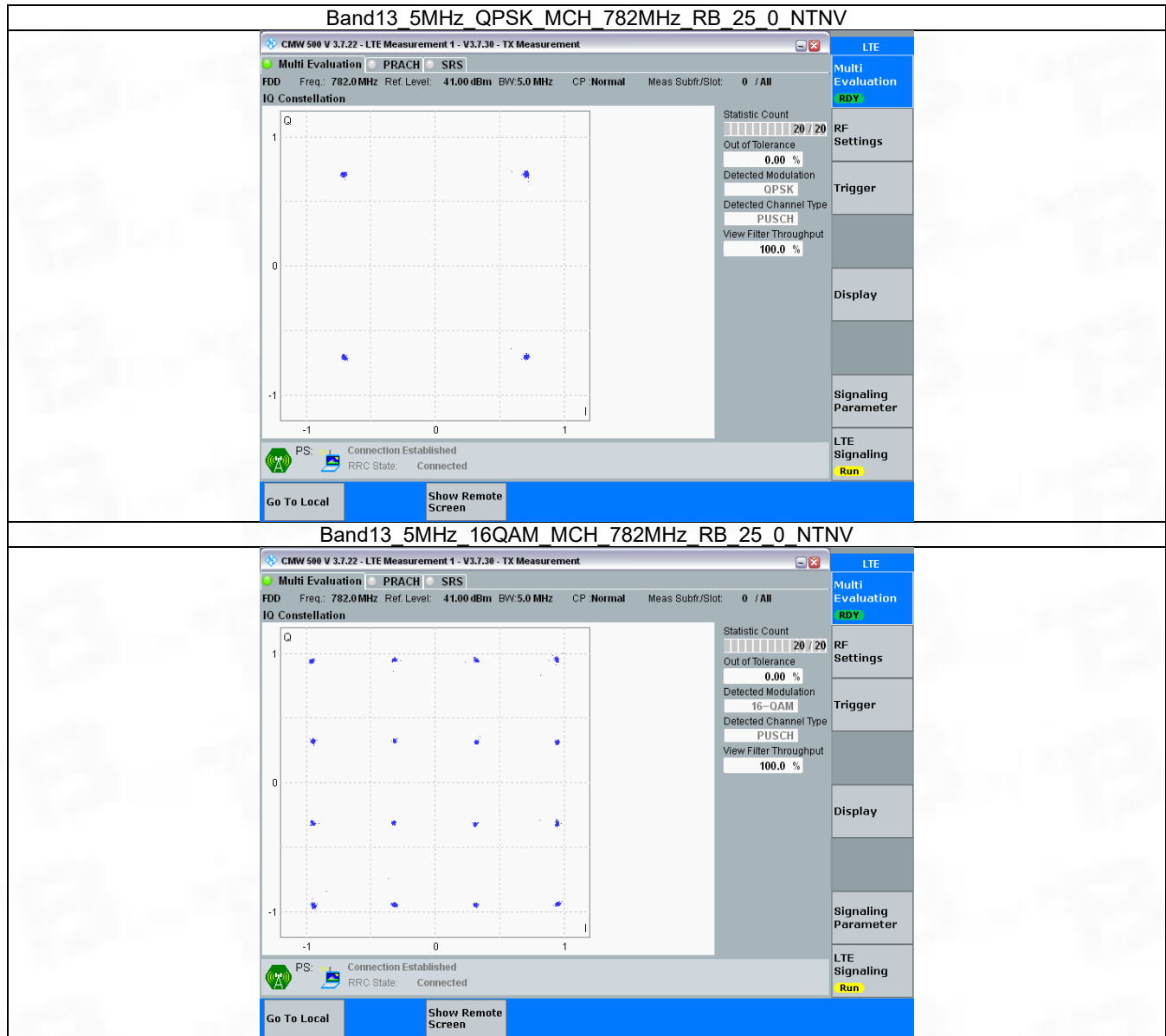
Band: 13 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 B13_10MHz

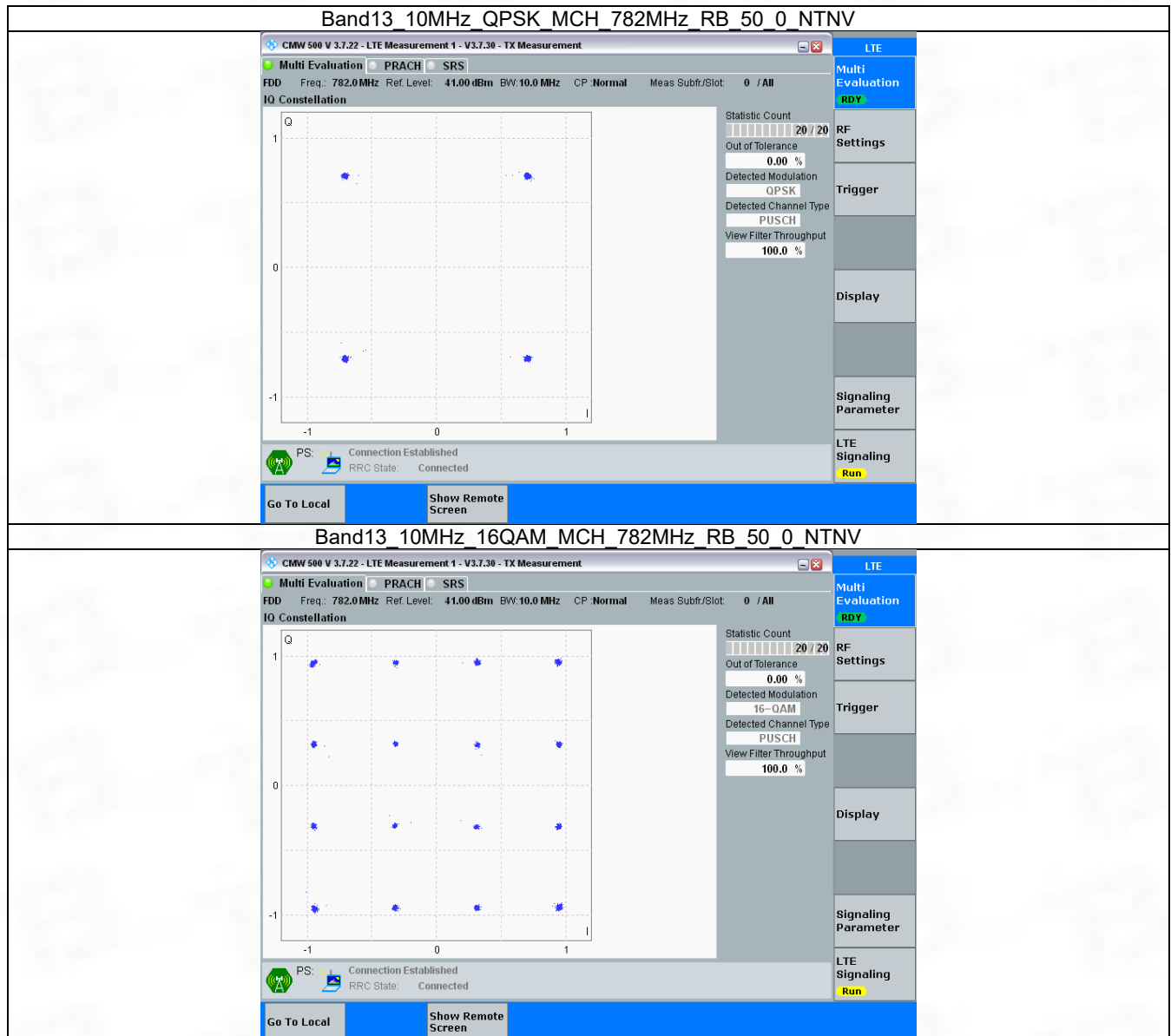
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Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

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

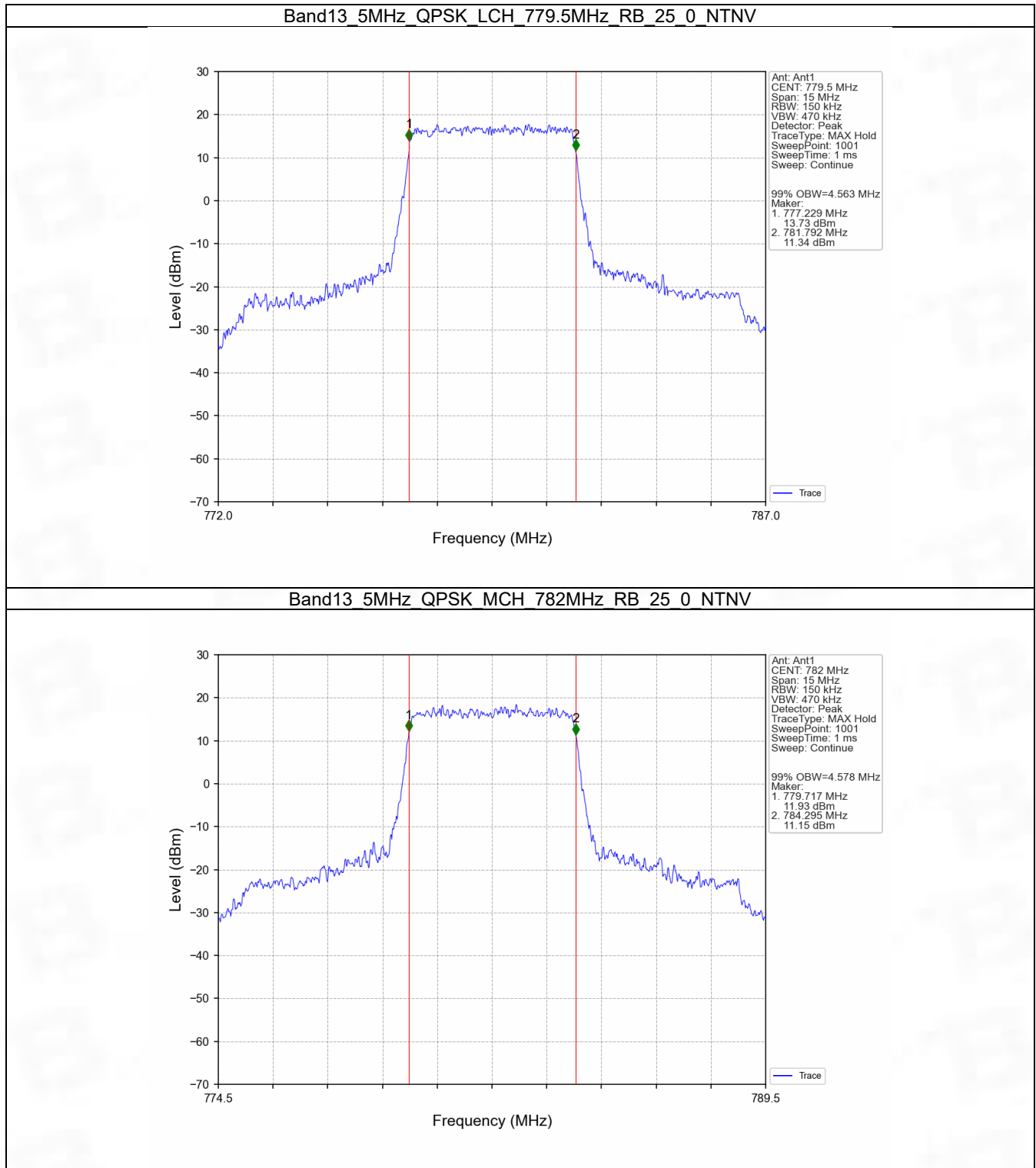
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.563	/	Pass
		782	25	0	4.578	/	Pass
		784.5	25	0	4.553	/	Pass
	16QAM	779.5	25	0	4.569	/	Pass
		782	25	0	4.602	/	Pass
		784.5	25	0	4.558	/	Pass
10	QPSK	782	50	0	9.056	/	Pass
	16QAM	782	27	0	5.153	/	Pass

4.1.2 Band13_XDB

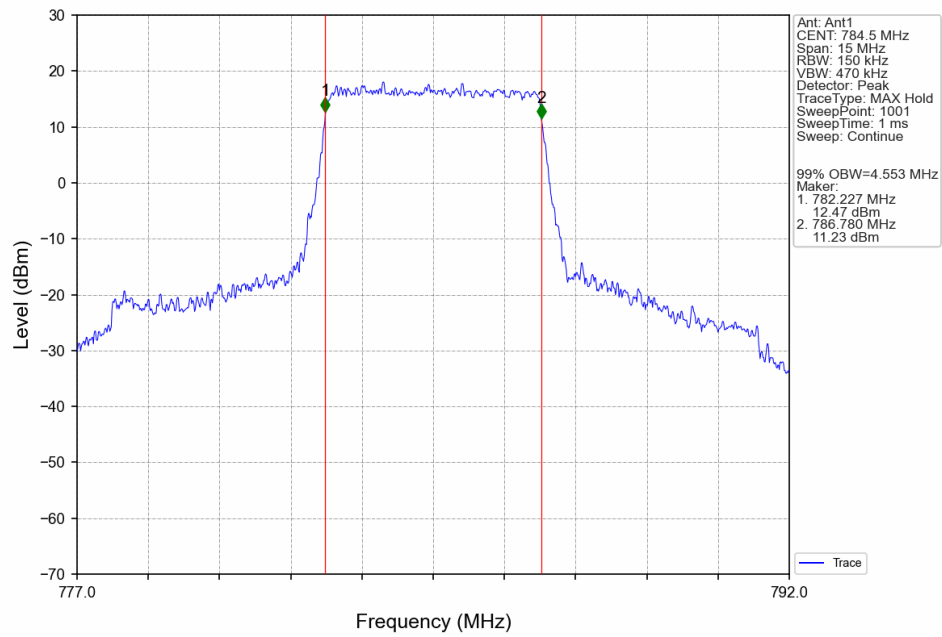
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.249	/	Pass
		782	25	0	5.202	/	Pass
		784.5	25	0	5.292	/	Pass
	16QAM	779.5	25	0	5.247	/	Pass
		782	25	0	5.226	/	Pass
		784.5	25	0	5.212	/	Pass
10	QPSK	782	50	0	10.144	/	Pass
	16QAM	782	27	0	8.402	/	Pass

4.2 Test Graph

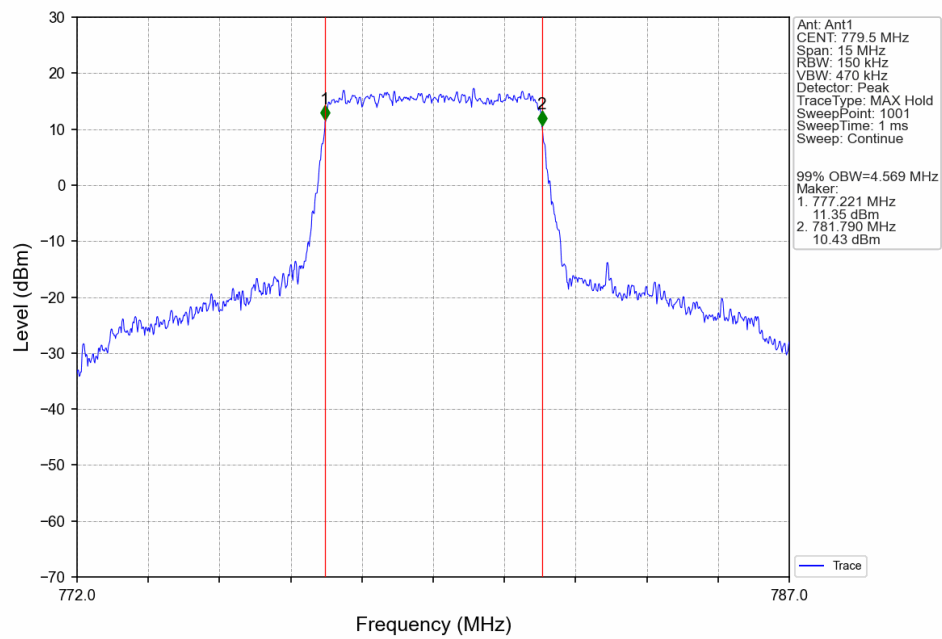
4.2.1 Band13_OBW



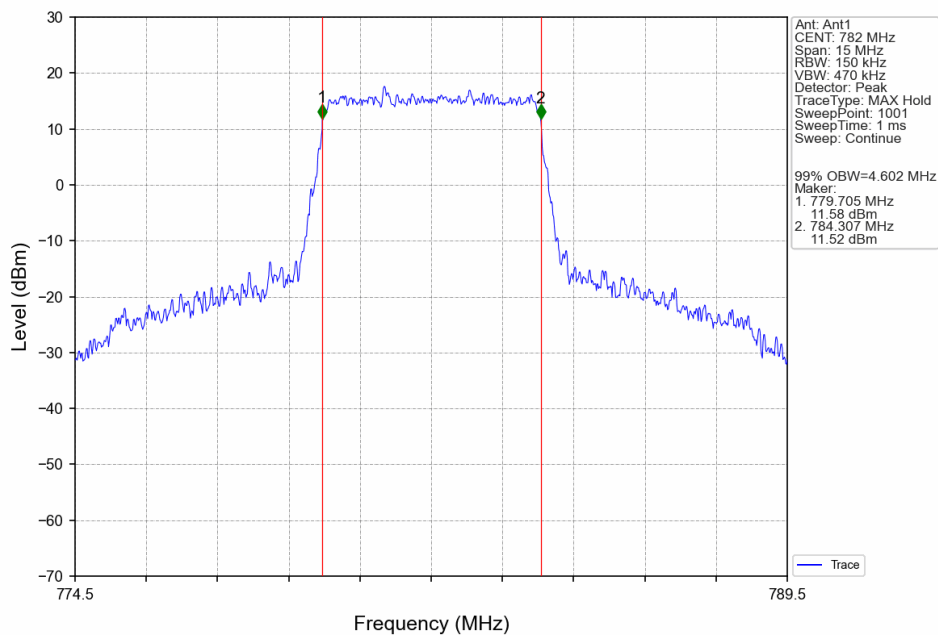
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



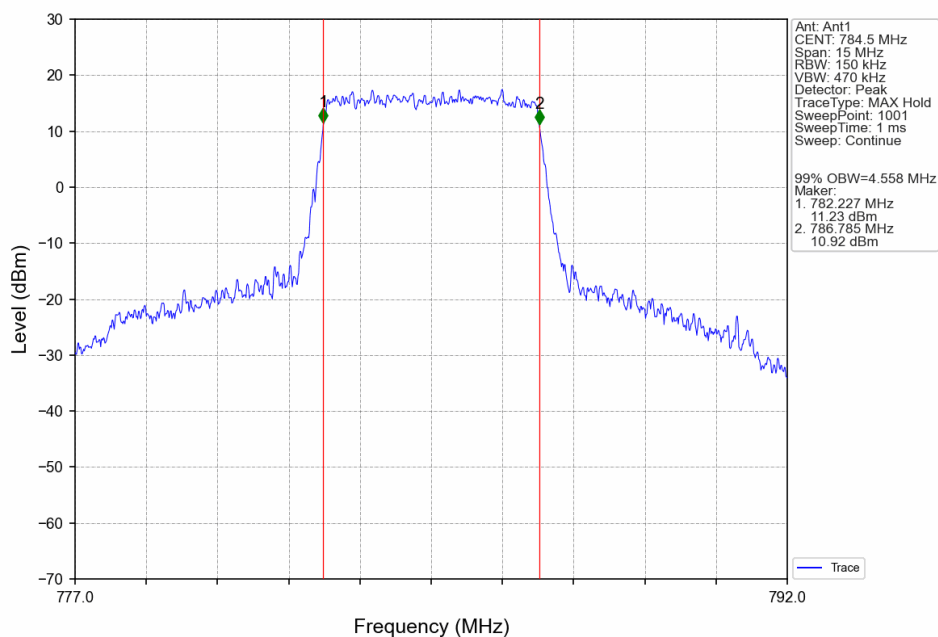
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



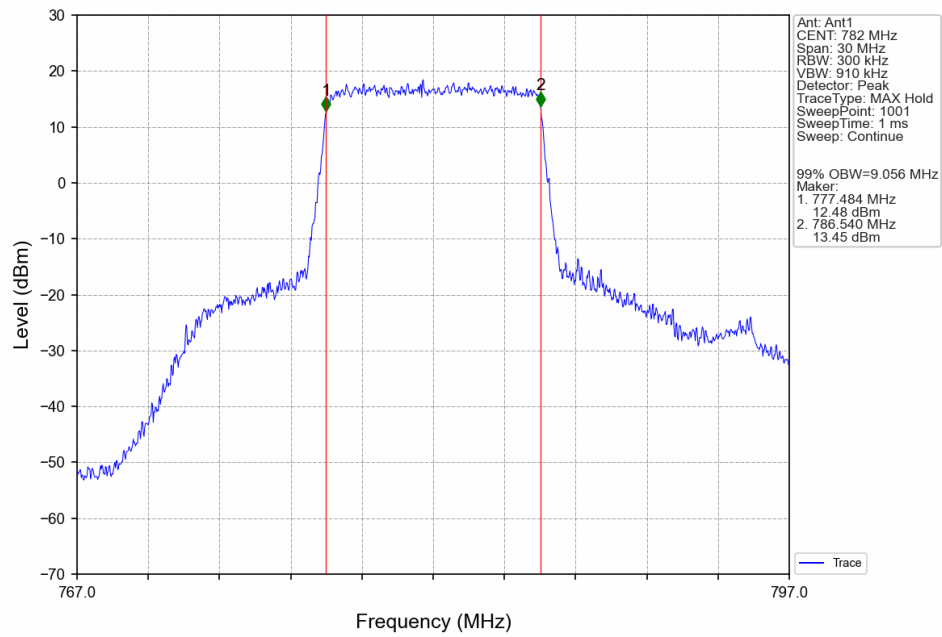
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



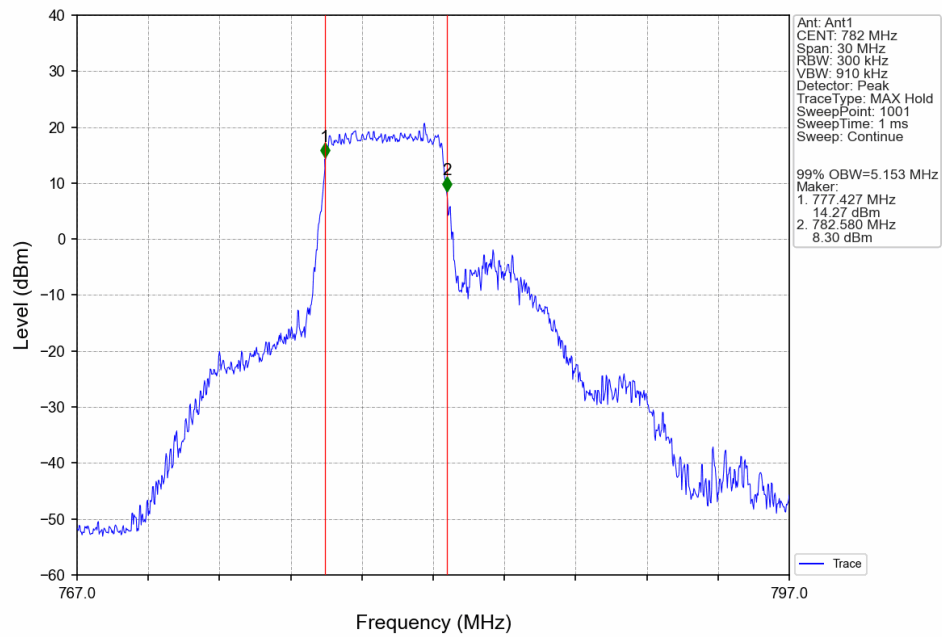
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



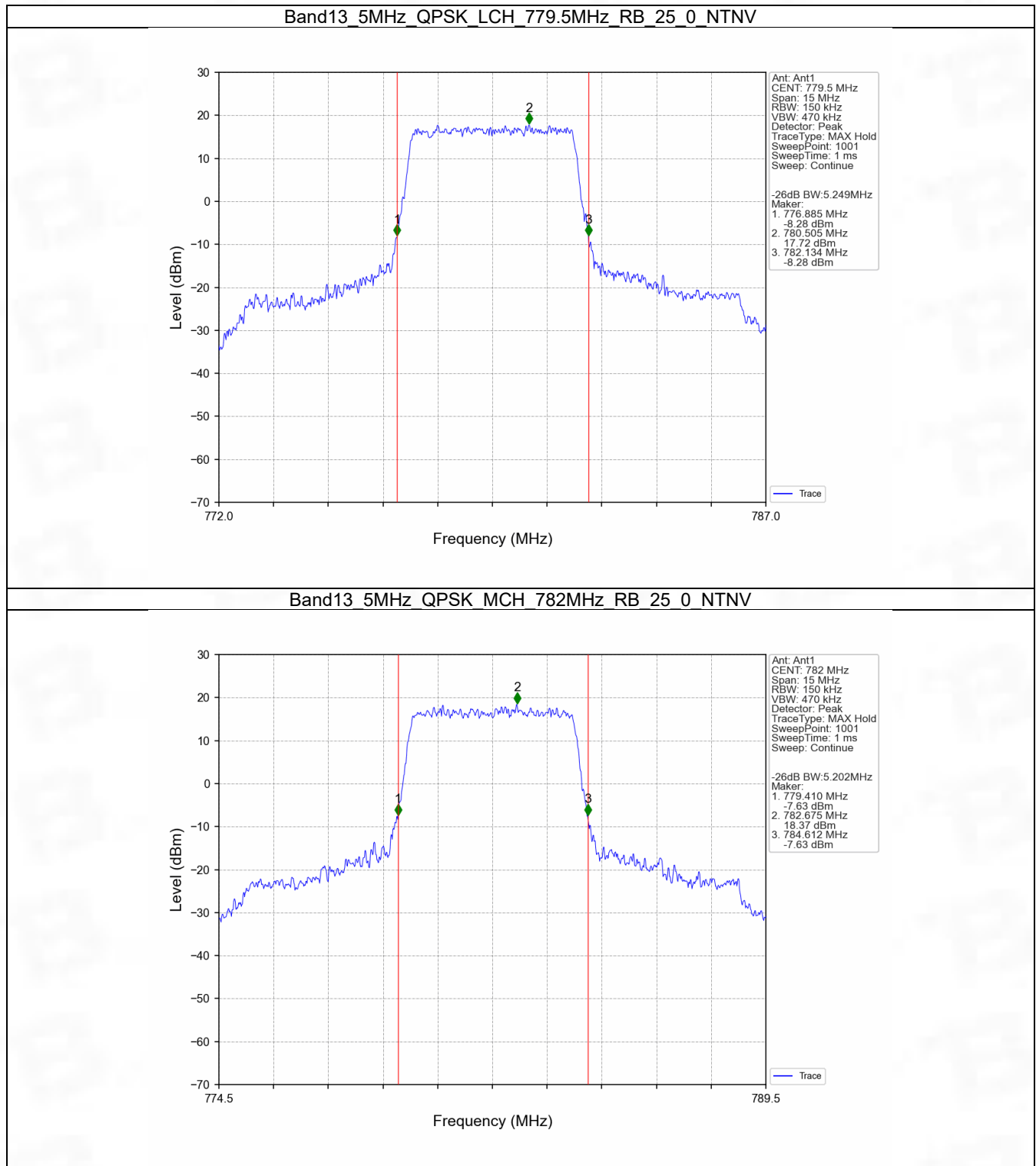
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTNV



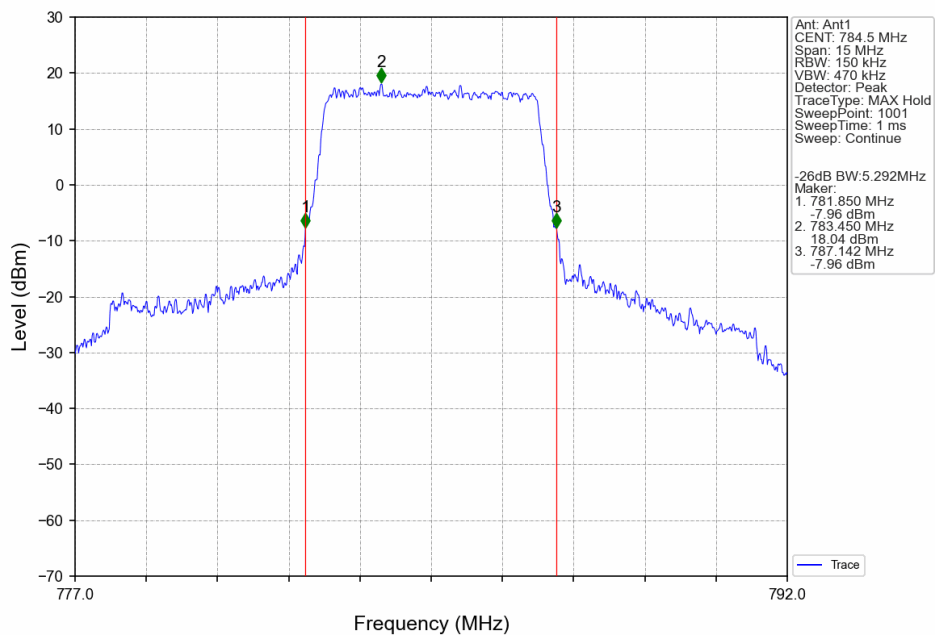
Band13 10MHz 16QAM MCH 782MHz RB 27 0 NTNV



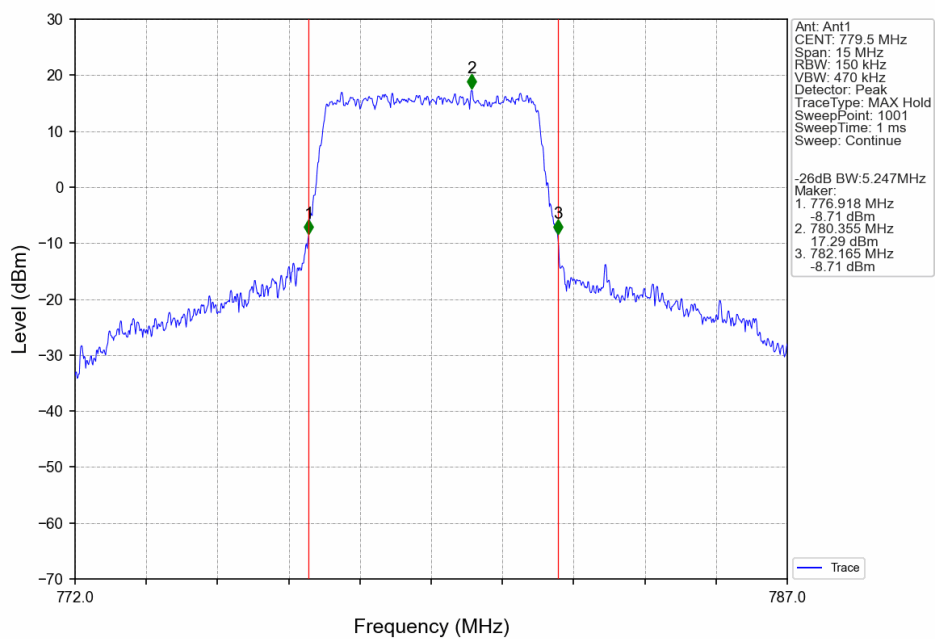
4.2.2 Band13_XDB



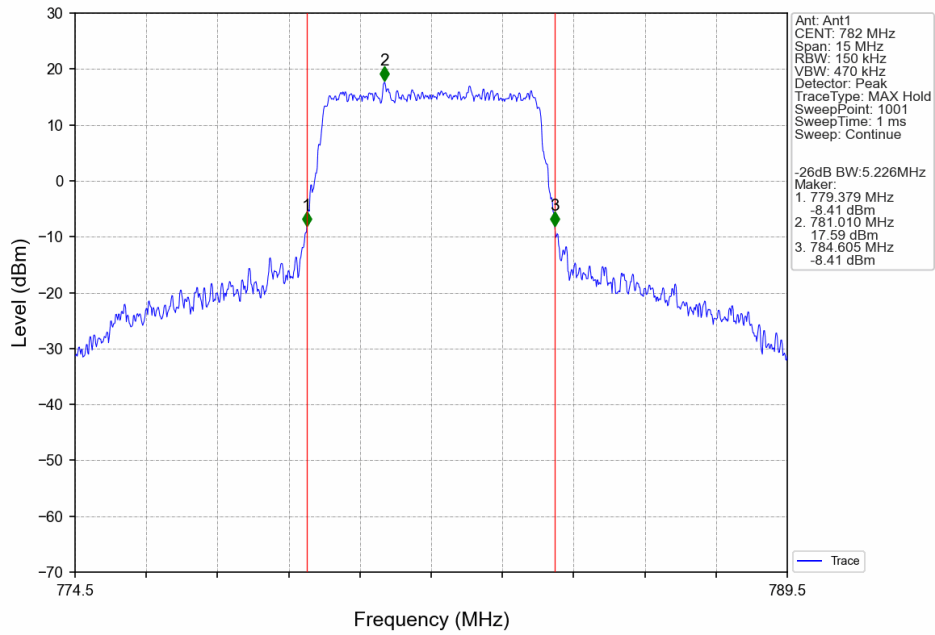
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



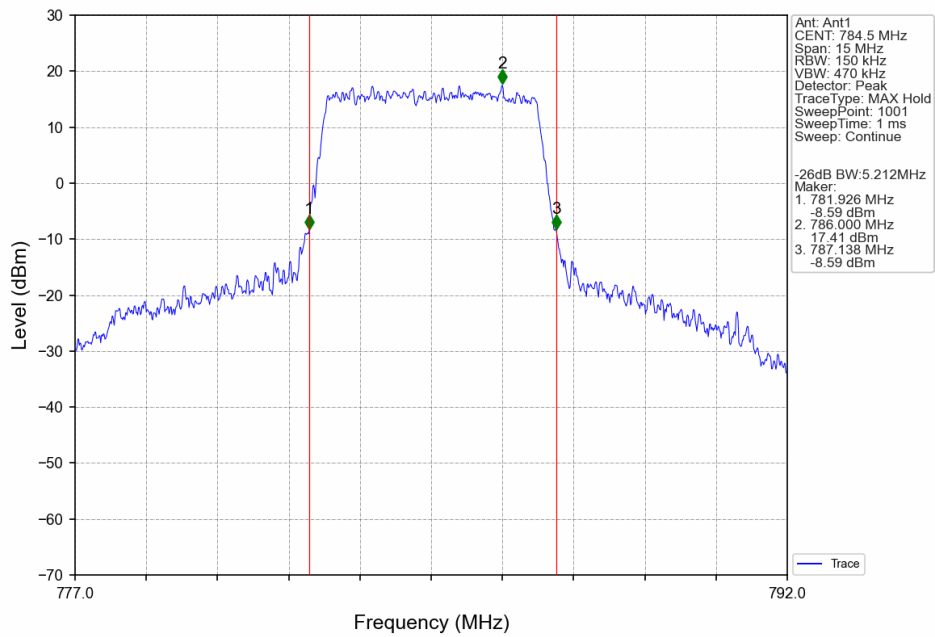
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



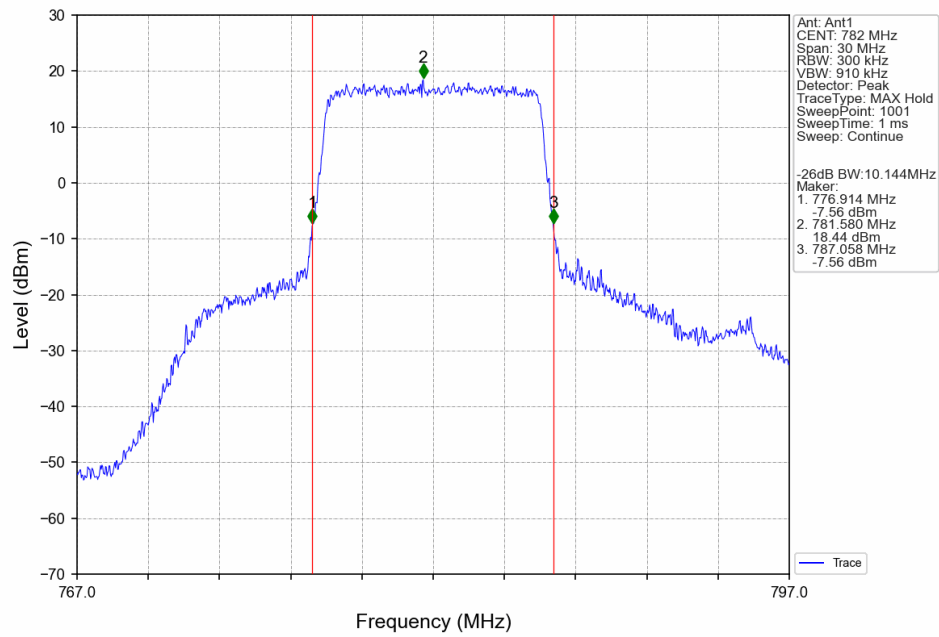
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



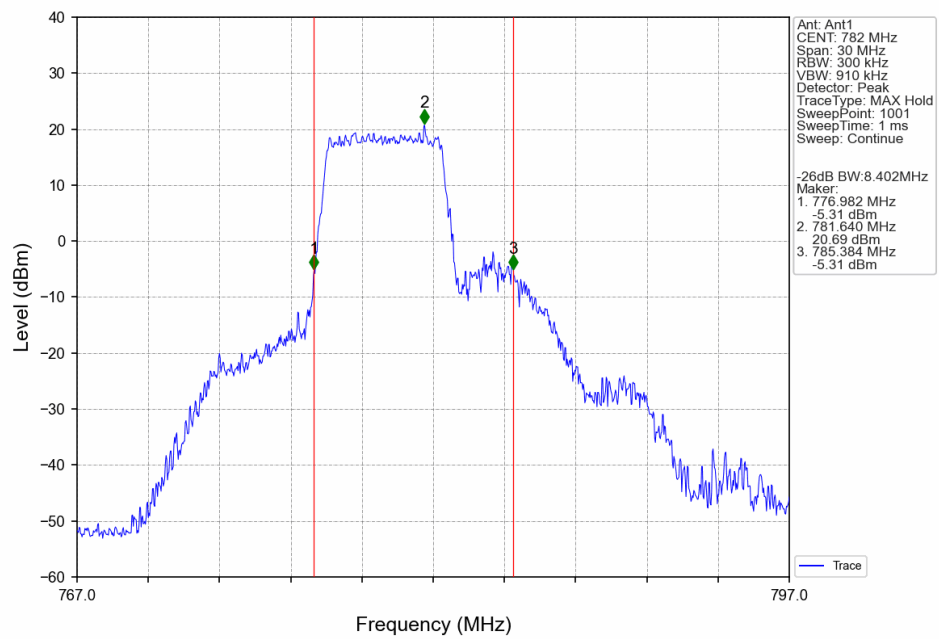
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



Band13 10MHz QPSK MCH 782MHz RB 50 0 NTNV



Band13 10MHz 16QAM MCH 782MHz RB 27 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B13_5MHz

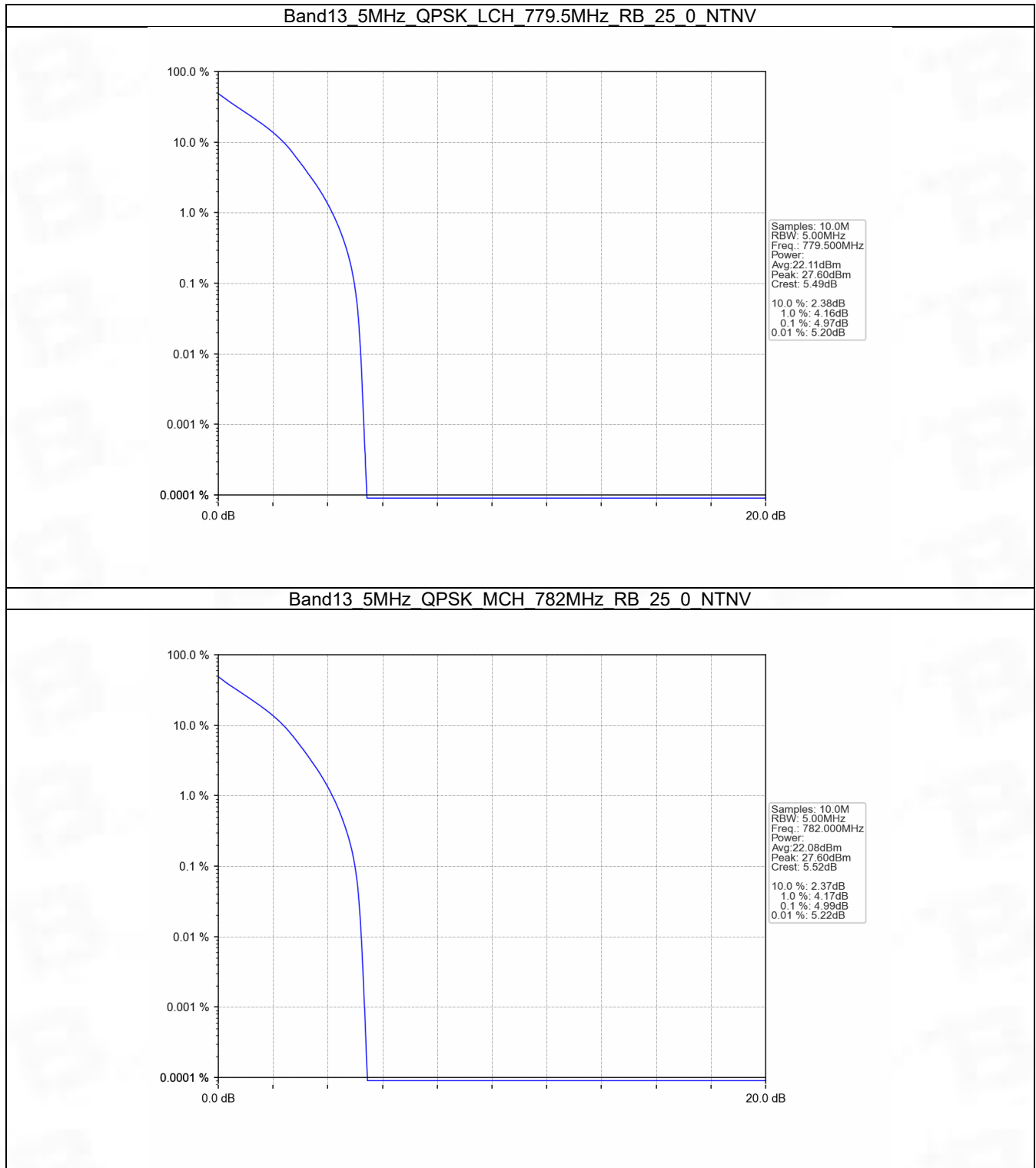
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.97	<=13	Pass
	782	25	0	4.99	<=13	Pass
	784.5	25	0	4.97	<=13	Pass
16QAM	779.5	25	0	5.85	<=13	Pass
	782	25	0	5.89	<=13	Pass
	784.5	25	0	5.87	<=13	Pass

5.1.2 B13_10MHz

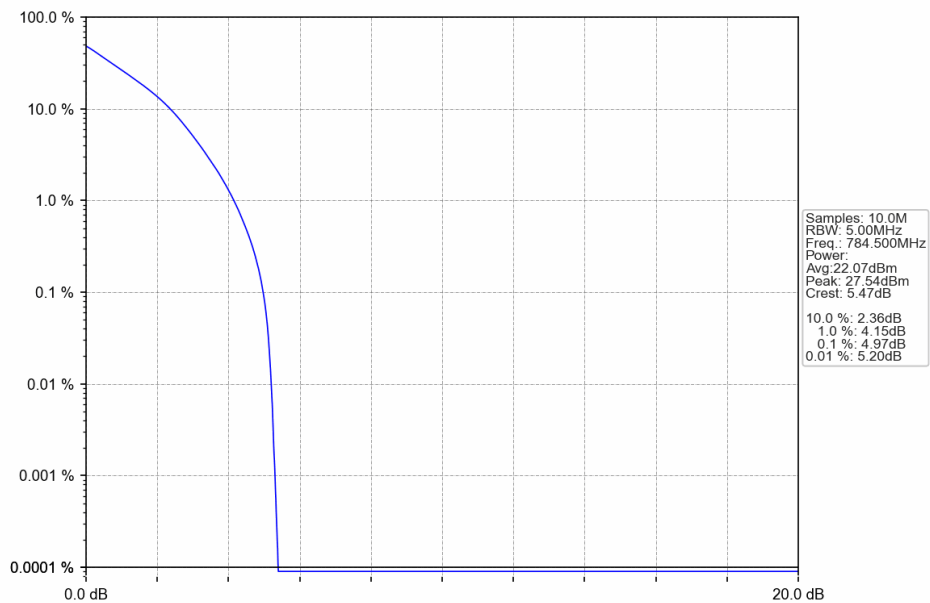
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	4.99	<=13	Pass
16QAM	782	27	0	5.70	<=13	Pass

5.2 Test Graph

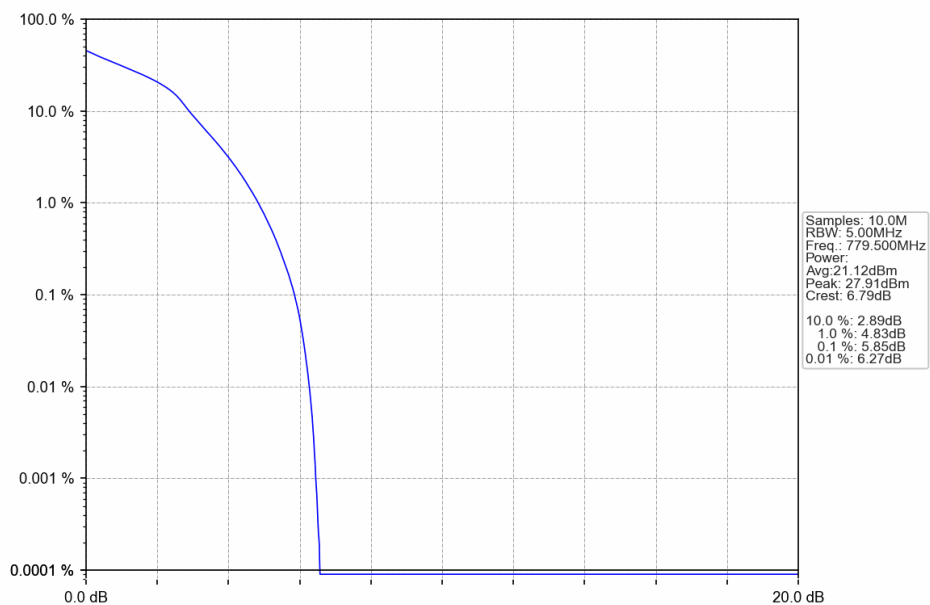
5.2.1 B13_5MHz



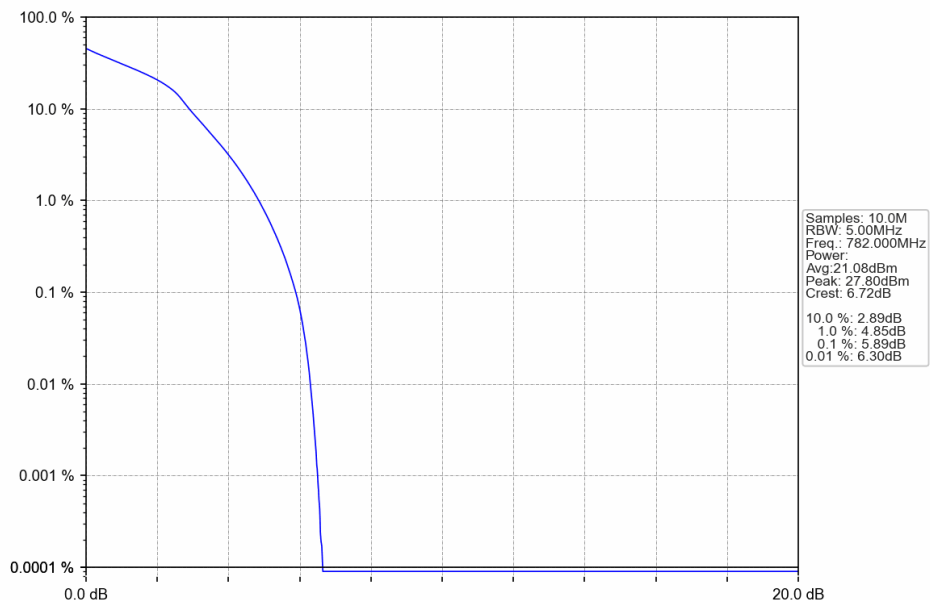
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTN



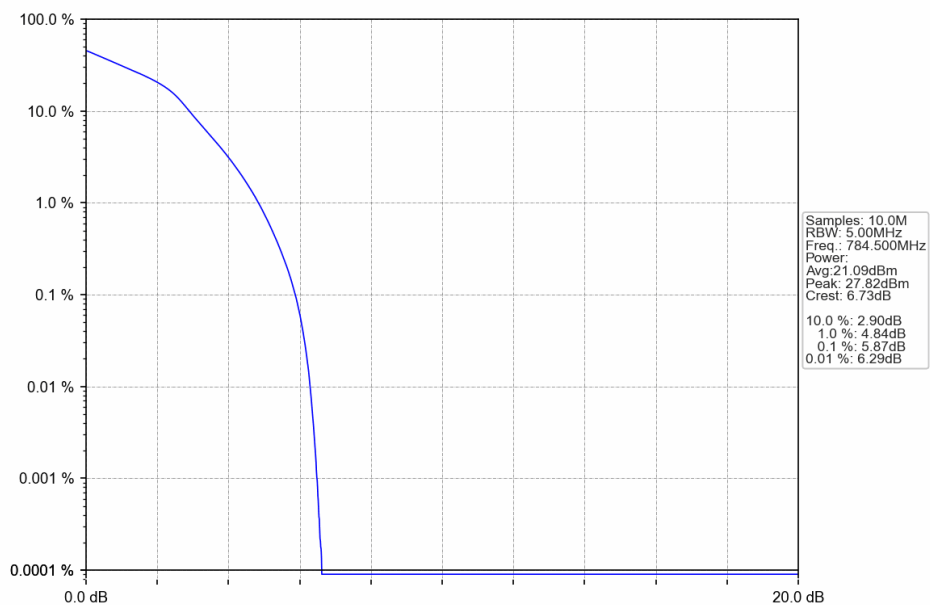
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTN



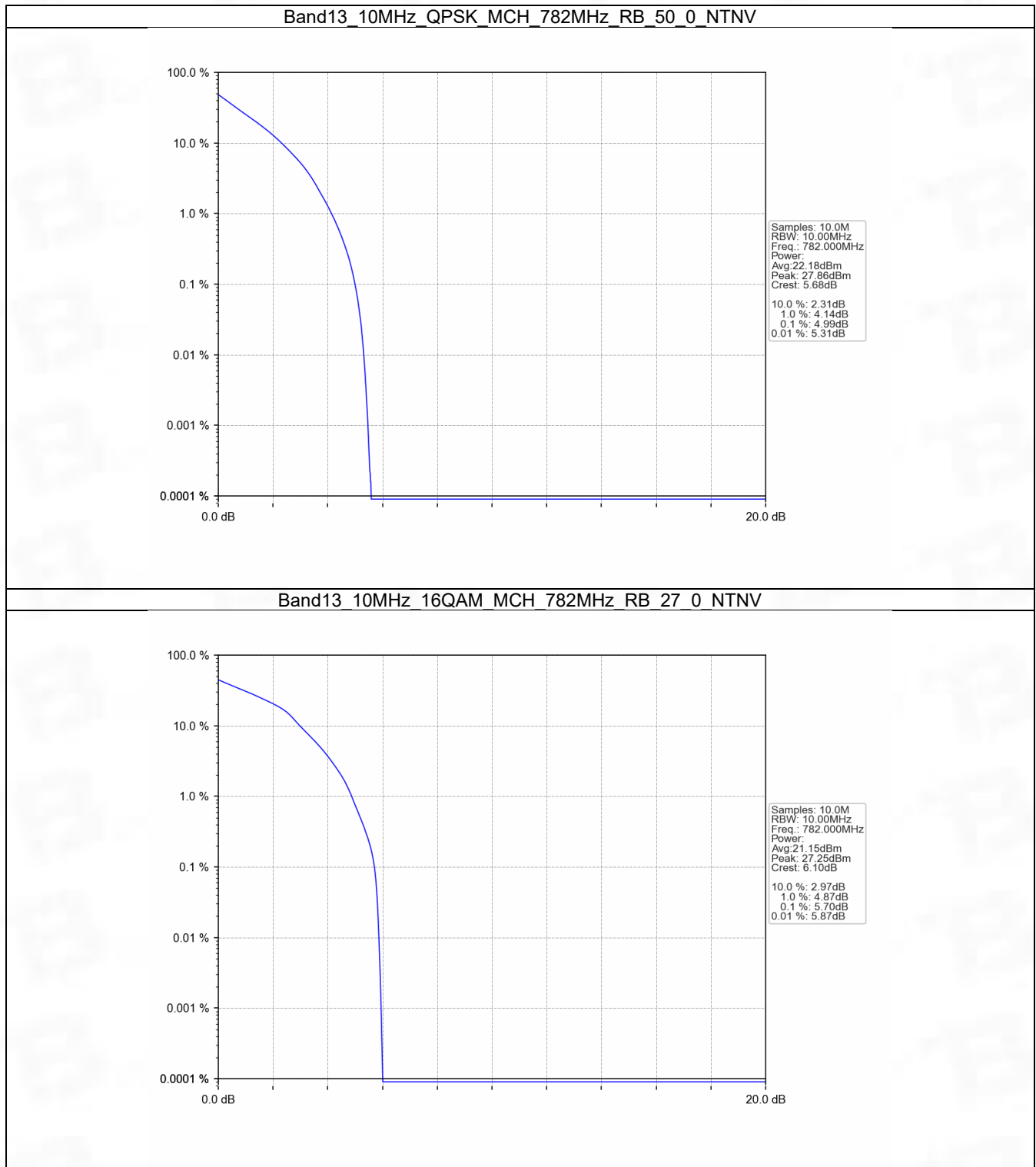
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



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

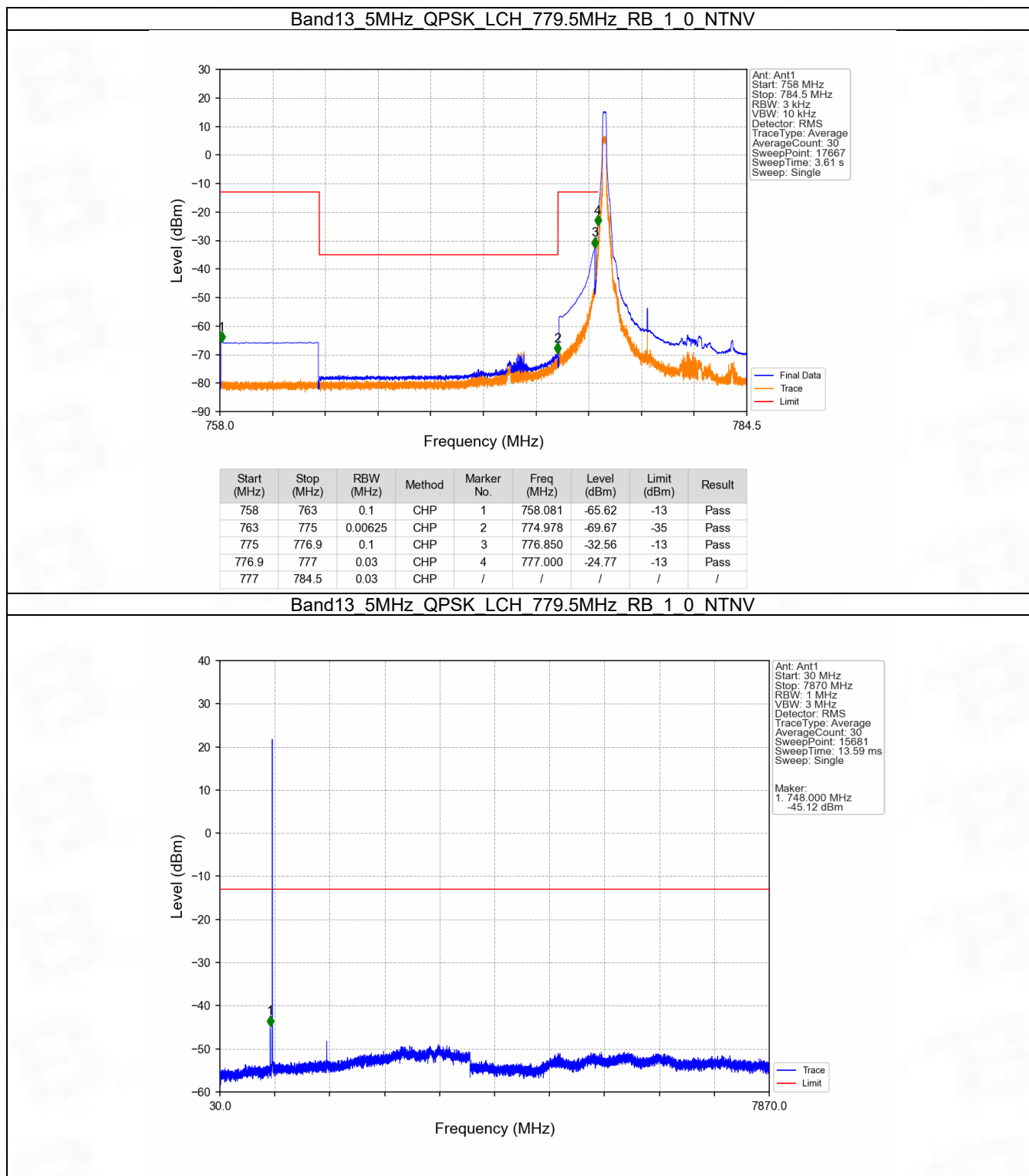
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph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

6.1.2 B13_10MHz

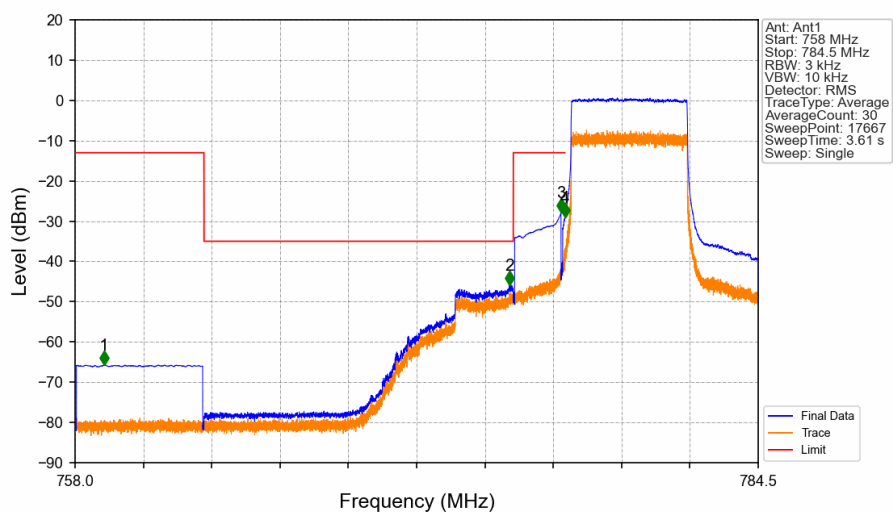
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To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

6.2 Test Graph

6.2.1 B13_5MHz

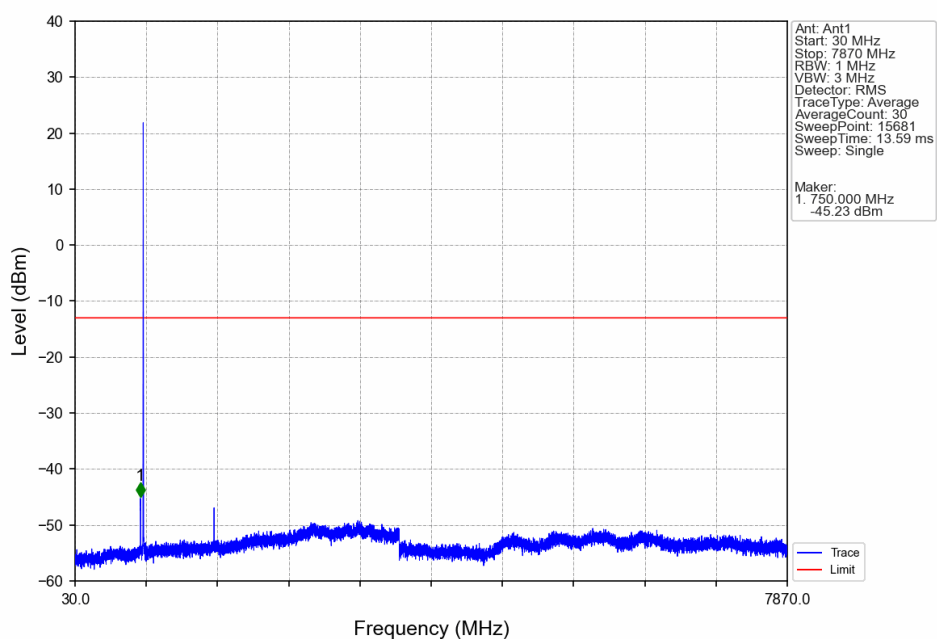


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

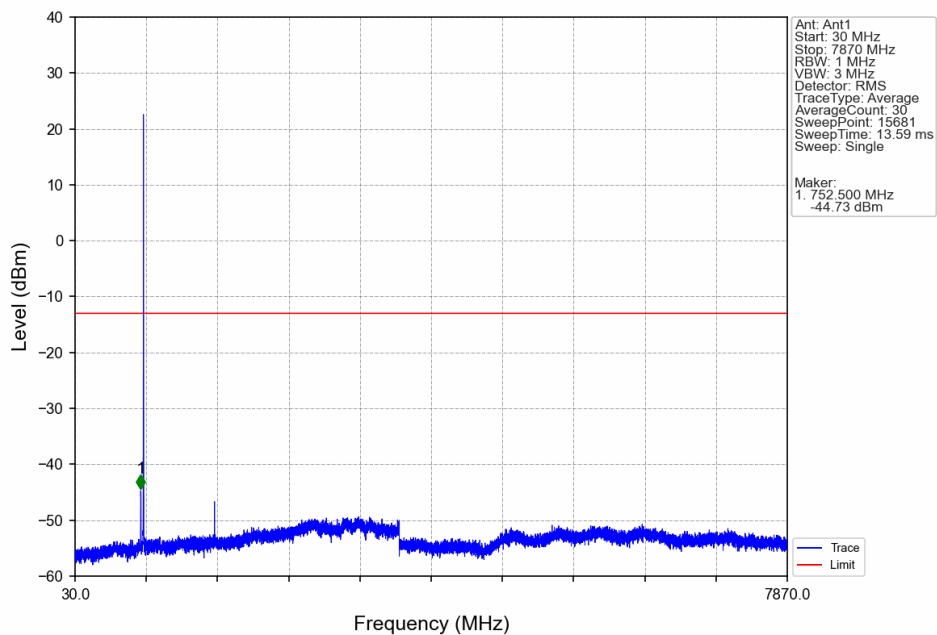


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.127	-65.75	-13	Pass
763	775	0.00625	CHP	2	774.843	-45.80	-35	Pass
775	776.9	0.1	CHP	3	776.850	-27.88	-13	Pass
776.9	777	0.03	CHP	4	777.000	-28.97	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

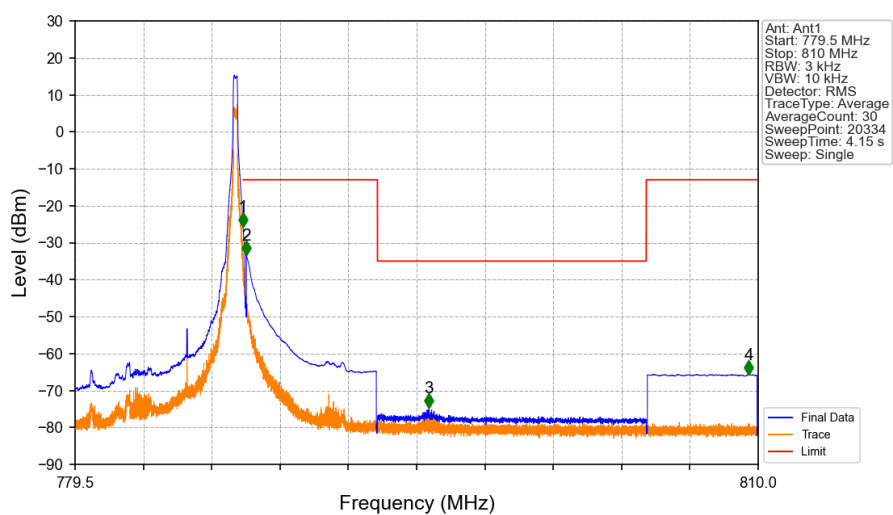
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTNV

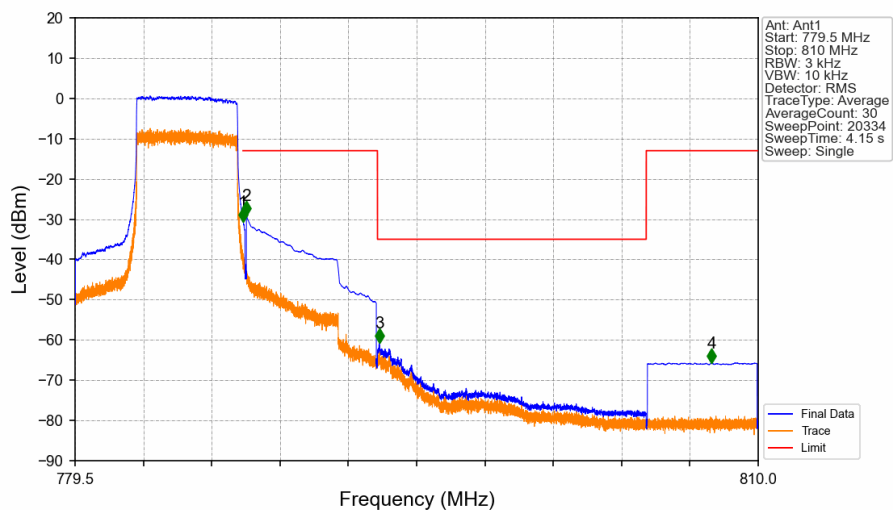


Band13 5MHz QPSK HCH 784.5MHz RB 1 24 NTNV



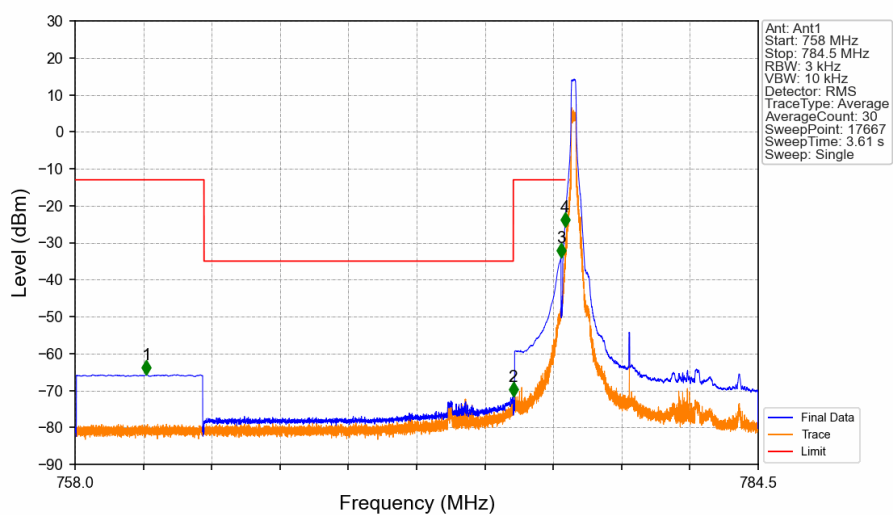
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-25.71	-13	Pass
787.1	793	0.1	CHP	2	787.150	-33.23	-13	Pass
793	805	0.00625	CHP	3	795.306	-74.66	-35	Pass
805	810	0.1	CHP	4	809.578	-65.58	-13	Pass

Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTV



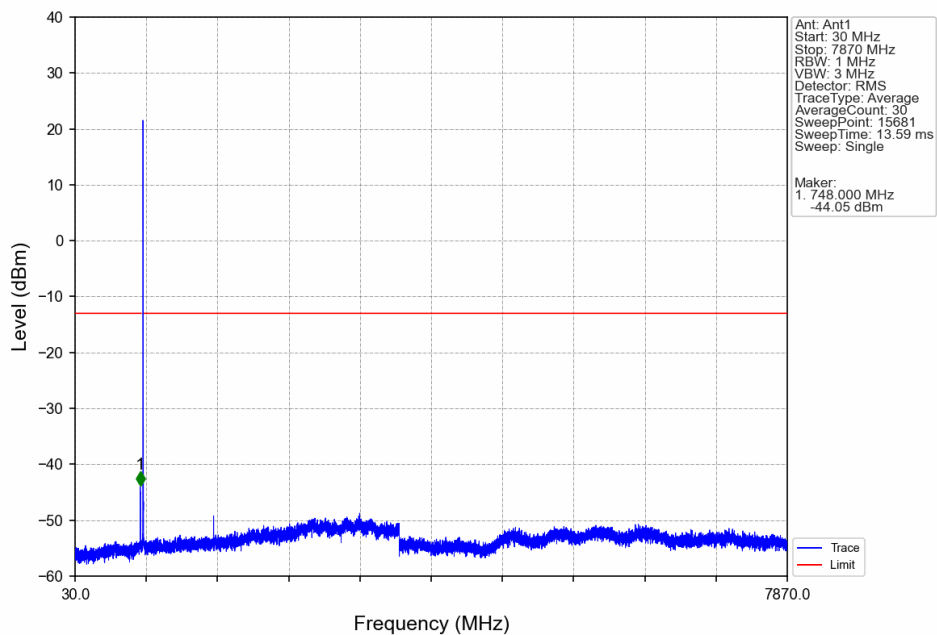
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-30.61	-13	Pass
787.1	793	0.1	CHP	2	787.150	-29.09	-13	Pass
793	805	0.00625	CHP	3	793.086	-60.62	-35	Pass
805	810	0.1	CHP	4	807.912	-65.70	-13	Pass

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

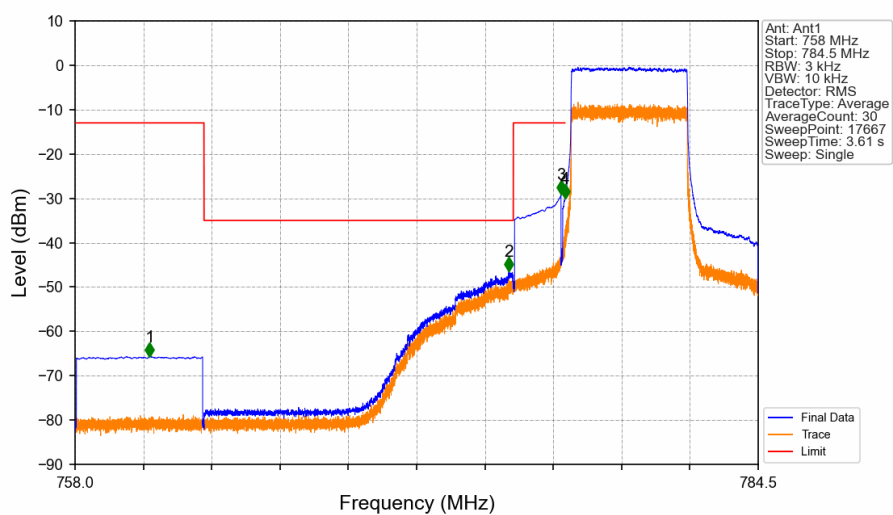


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.772	-65.66	-13	Pass
763	775	0.00625	CHP	2	774.994	-71.68	-35	Pass
775	776.9	0.1	CHP	3	776.850	-33.93	-13	Pass
776.9	777	0.03	CHP	4	777.000	-25.74	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

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

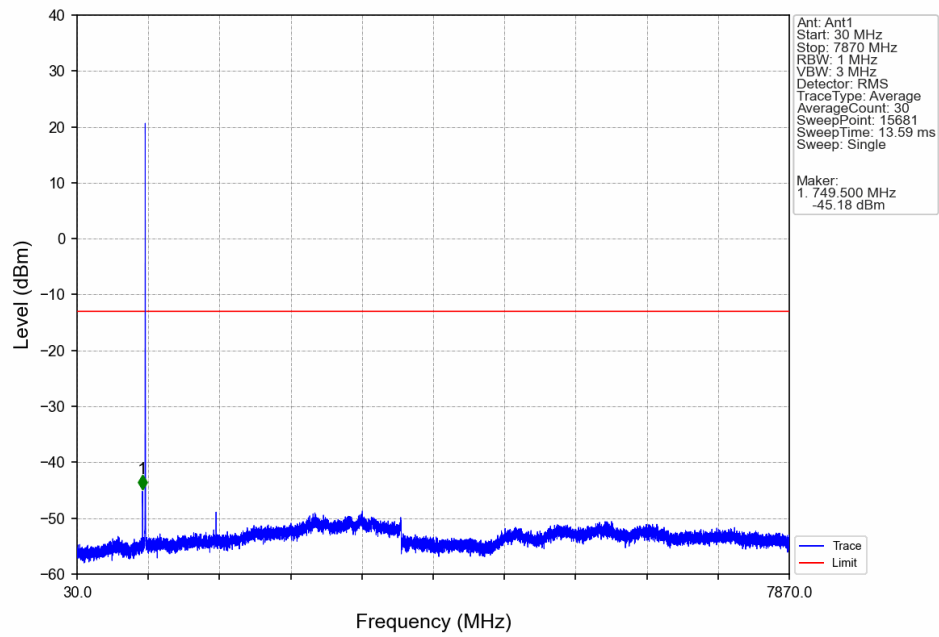


Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV

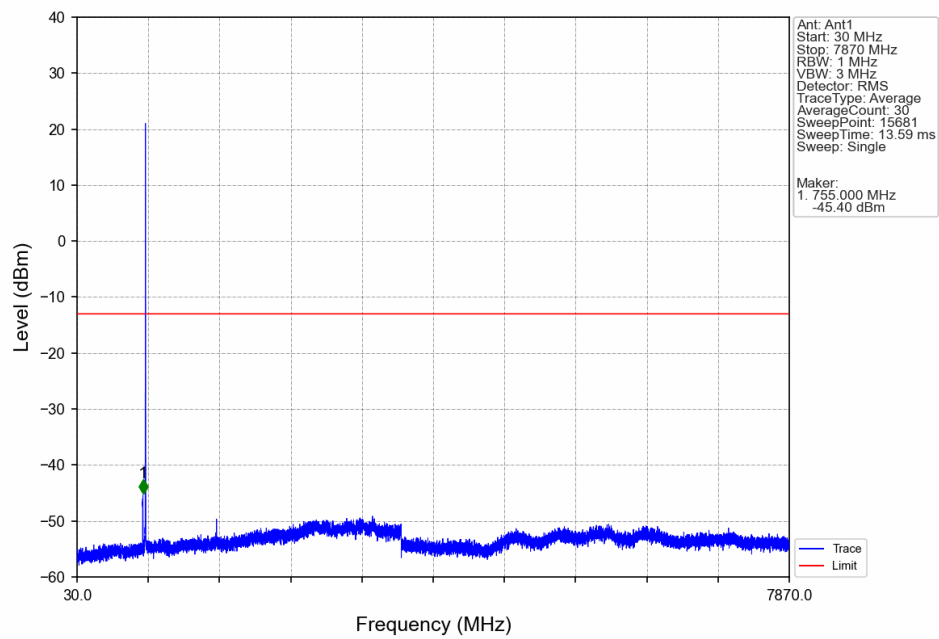


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.894	-65.64	-13	Pass
763	775	0.00625	CHP	2	774.826	-46.41	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.10	-13	Pass
776.9	777	0.03	CHP	4	777.000	-30.04	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

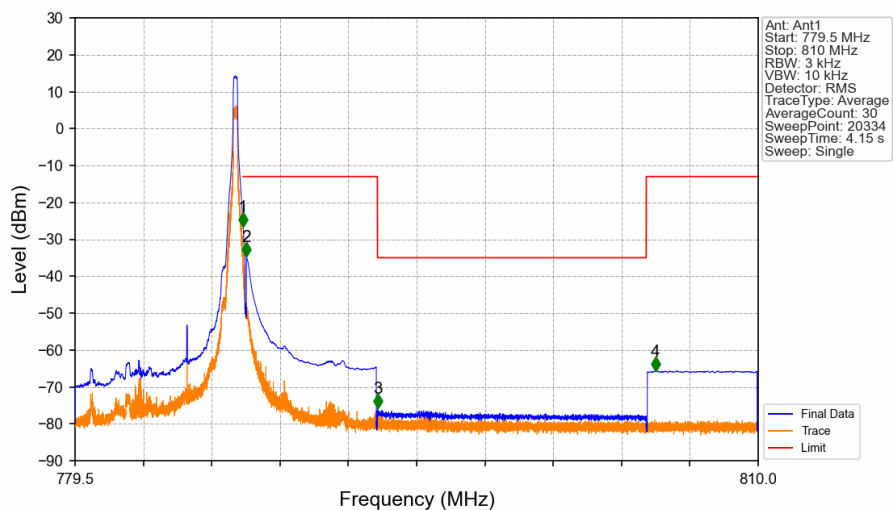
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTN



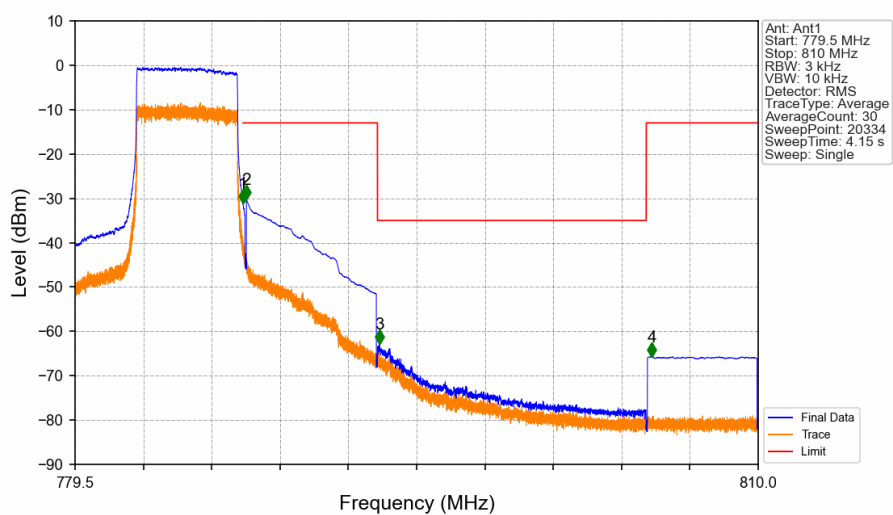
Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTN



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

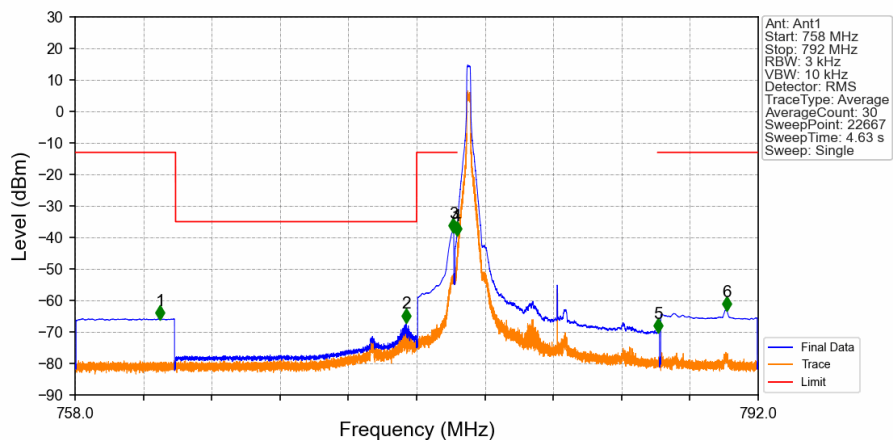


Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



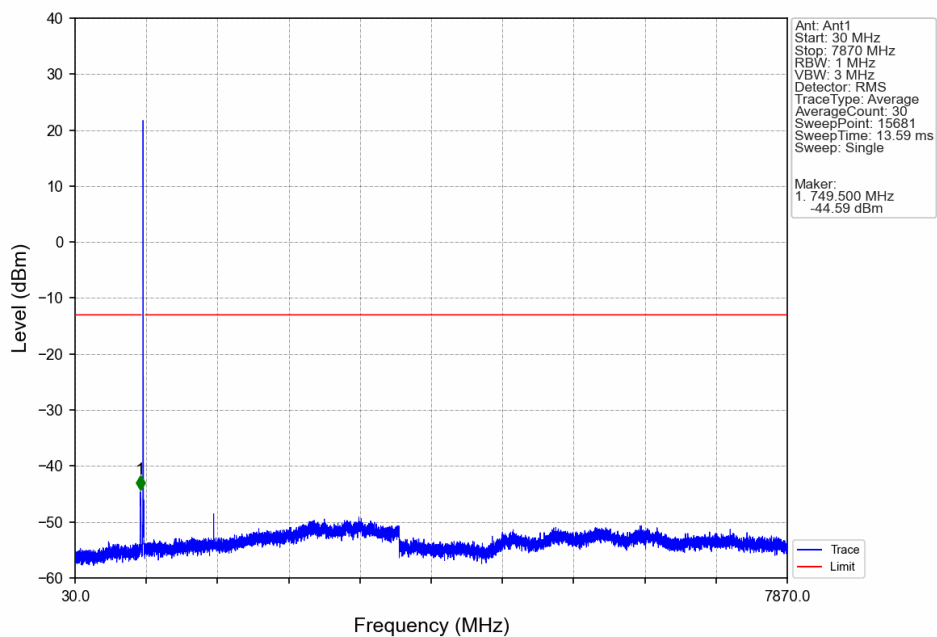
6.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

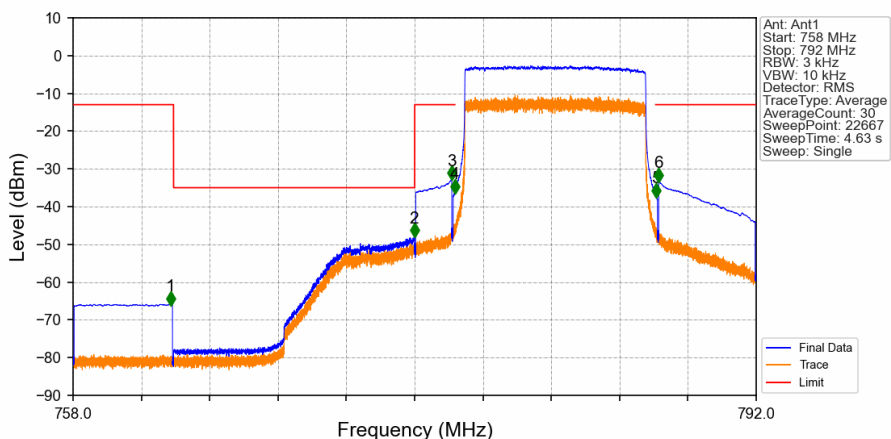


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.227	-65.80	-13	Pass
763	775	0.00625	CHP	2	774.493	-66.68	-35	Pass
775	776.9	0.1	CHP	3	776.829	-38.11	-13	Pass
776.9	777	0.03	CHP	4	777.000	-39.01	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.023	-69.96	-13	Pass
787.1	792	0.1	CHP	6	790.425	-63.03	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

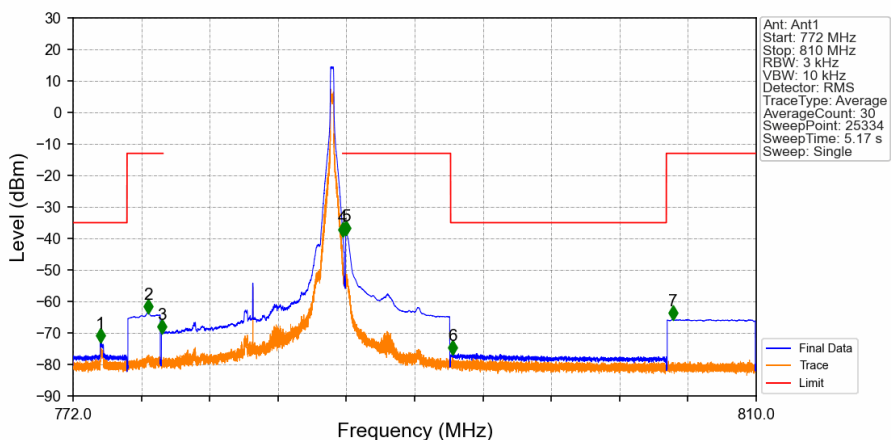


Band13 10MHz QPSK LCH 782MHz RB 50 0 NTNV



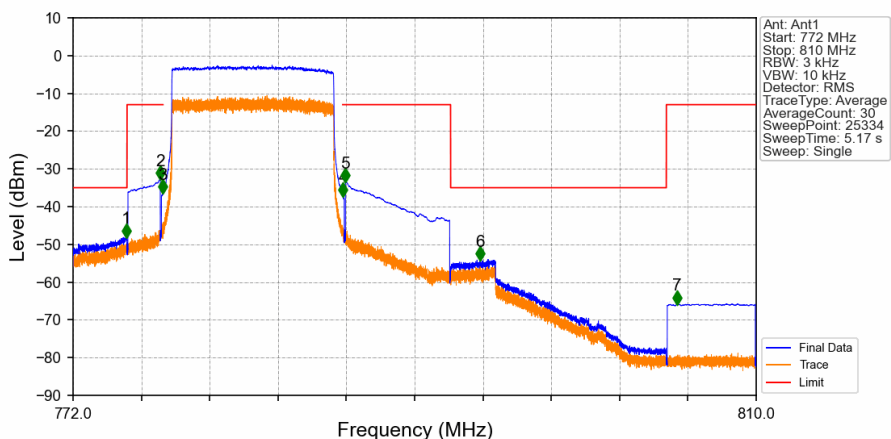
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.856	-65.87	-13	Pass
763	775	0.00625	CHP	2	774.984	-47.85	-35	Pass
775	776.9	0.1	CHP	3	776.850	-32.59	-13	Pass
776.9	777	0.03	CHP	4	776.998	-36.19	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.032	-37.25	-13	Pass
787.1	792	0.1	CHP	6	787.150	-33.19	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 1 49 NTNV



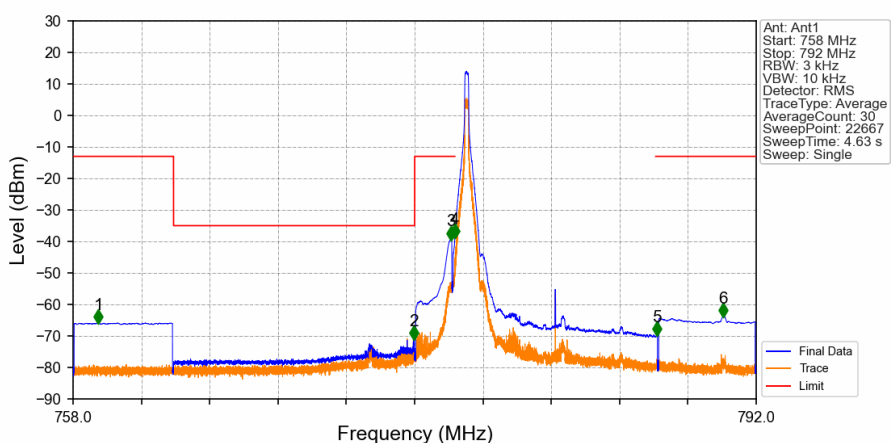
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.526	-72.74	-35	Pass
775	776.9	0.1	CHP	2	776.184	-63.47	-13	Pass
776.9	777	0.03	CHP	3	776.953	-69.84	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-38.96	-13	Pass
787.1	793	0.1	CHP	5	787.194	-38.58	-13	Pass
793	805	0.00625	CHP	6	793.110	-76.47	-35	Pass
805	810	0.1	CHP	7	805.368	-65.61	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 50 0 NTNV



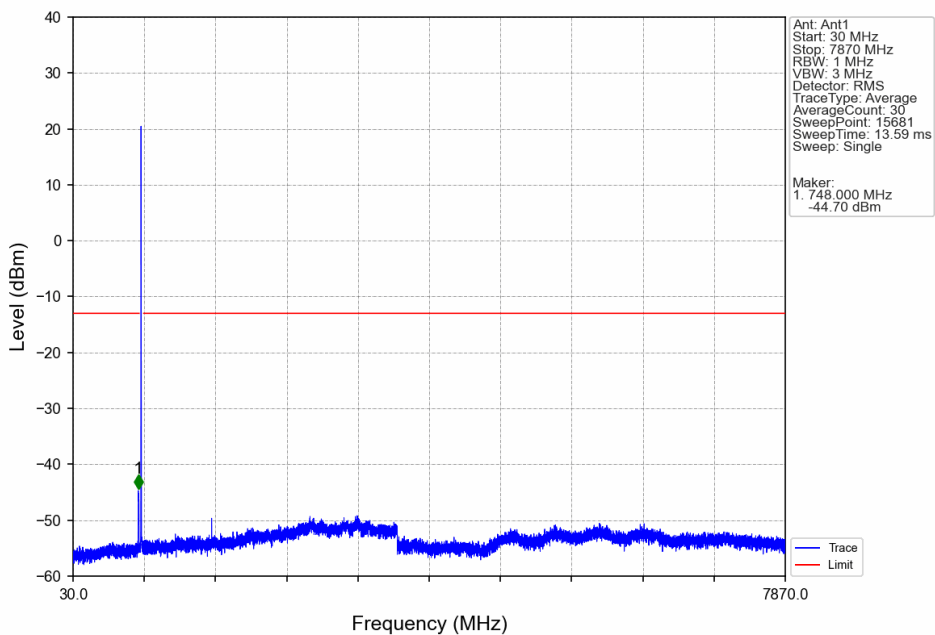
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.963	-47.89	-35	Pass
775	776.9	0.1	CHP	2	776.850	-32.67	-13	Pass
776.9	777	0.03	CHP	3	776.992	-36.27	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.011	-37.01	-13	Pass
787.1	793	0.1	CHP	5	787.150	-33.28	-13	Pass
793	805	0.00625	CHP	6	794.637	-53.95	-35	Pass
805	810	0.1	CHP	7	805.599	-65.64	-13	Pass

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

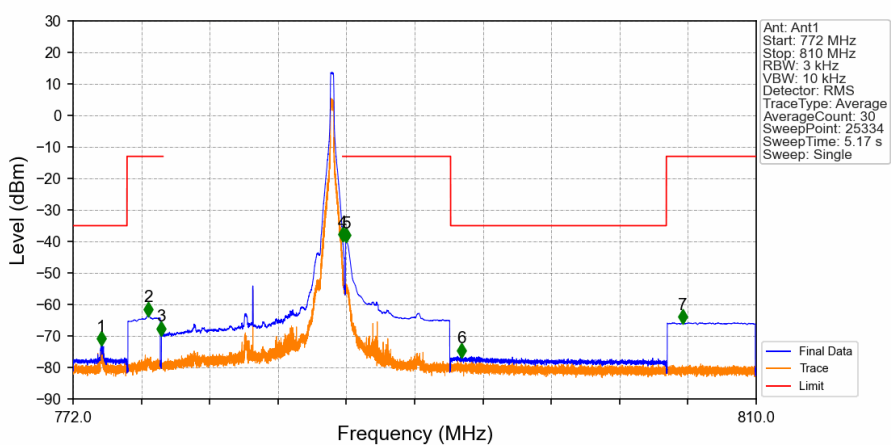


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.263	-65.79	-13	Pass
763	775	0.00625	CHP	2	774.961	-70.98	-35	Pass
775	776.9	0.1	CHP	3	776.803	-39.26	-13	Pass
776.9	777	0.03	CHP	4	777.000	-38.63	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.066	-69.67	-13	Pass
787.1	792	0.1	CHP	6	790.359	-63.65	-13	Pass

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



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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	773.557	-72.66	-35	Pass
775	776.9	0.1	CHP	2	776.176	-63.36	-13	Pass
776.9	777	0.03	CHP	3	776.916	-69.53	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-39.61	-13	Pass
787.1	793	0.1	CHP	5	787.197	-39.82	-13	Pass
793	805	0.00625	CHP	6	793.591	-76.43	-35	Pass
805	810	0.1	CHP	7	805.911	-65.81	-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	0.2128	0.0048	ppm	4M58G7D	27F	23.28
13	5	779.5	784.5	0.1774	0.0034	ppm	4M60W7D	27F	22.49
13	10	782	782	0.2123	0.0025	ppm	9M06G7D	27F	23.27
13	10	782	782	0.1738	0.0018	ppm	5M15W7D	27F	22.40

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	0.0984	0.0048	ppm	4M58G7D	27F	19.93
13	5	779.5	784.5	0.0820	0.0034	ppm	4M60W7D	27F	19.14
13	10	782	782	0.0982	0.0025	ppm	9M06G7D	27F	19.92
13	10	782	782	0.0804	0.0018	ppm	5M15W7D	27F	19.05