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	23.92	0.61	22.38	<=34.77	Pass
			13	23.97	0.61	22.43	<=34.77	Pass
			24	23.89	0.61	22.35	<=34.77	Pass
		12	0	22.97	0.61	21.43	<=34.77	Pass
			6	23.02	0.61	21.48	<=34.77	Pass
			13	22.87	0.61	21.33	<=34.77	Pass
		25	0	22.90	0.61	21.36	<=34.77	Pass
	782	1	0	23.81	0.61	22.27	<=34.77	Pass
			13	23.97	0.61	22.43	<=34.77	Pass
			24	23.88	0.61	22.34	<=34.77	Pass
		12	0	23.06	0.61	21.52	<=34.77	Pass
			6	23.04	0.61	21.50	<=34.77	Pass
			13	22.99	0.61	21.45	<=34.77	Pass
		25	0	23.05	0.61	21.51	<=34.77	Pass
	784.5	1	0	23.80	0.61	22.26	<=34.77	Pass
			13	23.93	0.61	22.39	<=34.77	Pass
			24	23.91	0.61	22.37	<=34.77	Pass
		12	0	22.94	0.61	21.40	<=34.77	Pass
			6	22.99	0.61	21.45	<=34.77	Pass
			13	22.99	0.61	21.45	<=34.77	Pass
		25	0	23.02	0.61	21.48	<=34.77	Pass
16QAM	779.5	1	0	22.68	0.61	21.14	<=34.77	Pass
			13	22.83	0.61	21.29	<=34.77	Pass
			24	22.81	0.61	21.27	<=34.77	Pass
		12	0	21.92	0.61	20.38	<=34.77	Pass
			6	21.98	0.61	20.44	<=34.77	Pass
			13	21.87	0.61	20.33	<=34.77	Pass
		25	0	21.92	0.61	20.38	<=34.77	Pass
	782	1	0	22.98	0.61	21.44	<=34.77	Pass
			13	23.15	0.61	21.61	<=34.77	Pass
			24	22.95	0.61	21.41	<=34.77	Pass
		12	0	22.04	0.61	20.50	<=34.77	Pass
			6	22.05	0.61	20.51	<=34.77	Pass
			13	21.99	0.61	20.45	<=34.77	Pass
		25	0	22.05	0.61	20.51	<=34.77	Pass
	784.5	1	0	23.14	0.61	21.60	<=34.77	Pass
			13	23.15	0.61	21.61	<=34.77	Pass
			24	22.98	0.61	21.44	<=34.77	Pass
		12	0	22.00	0.61	20.46	<=34.77	Pass
			6	22.00	0.61	20.46	<=34.77	Pass
			13	21.99	0.61	20.45	<=34.77	Pass
		25	0	21.96	0.61	20.42	<=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	24.03	0.61	22.49	<=34.77	Pass
			25	24.15	0.61	22.61	<=34.77	Pass
			49	24.00	0.61	22.46	<=34.77	Pass
		25	0	23.26	0.61	21.72	<=34.77	Pass
			13	23.09	0.61	21.55	<=34.77	Pass
			25	23.17	0.61	21.63	<=34.77	Pass
		50	0	23.20	0.61	21.66	<=34.77	Pass
16QAM	782	1	0	22.86	0.61	21.32	<=34.77	Pass
			25	23.22	0.61	21.68	<=34.77	Pass
			49	22.86	0.61	21.32	<=34.77	Pass
		25	0	22.32	0.61	20.78	<=34.77	Pass
			13	22.17	0.61	20.63	<=34.77	Pass
			25	22.23	0.61	20.69	<=34.77	Pass
		50	0	22.16	0.61	20.62	<=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	3.23	-0.787	-0.0010	-2.5 to 2.5	Pass
					3.8	-1.059	-0.0014	-2.5 to 2.5	Pass
					4.37	-0.958	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	0.944	0.0012	-2.5 to 2.5	Pass
				-20	3.8	0.486	0.0006	-2.5 to 2.5	Pass
				-10	3.8	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	3.8	0.715	0.0009	-2.5 to 2.5	Pass
				10	3.8	-2.089	-0.0027	-2.5 to 2.5	Pass
				30	3.8	-1.674	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-3.619	-0.0046	-2.5 to 2.5	Pass
				50	3.8	-0.787	-0.0010	-2.5 to 2.5	Pass
	782	25	0	20	3.23	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.8	-0.072	-0.0001	-2.5 to 2.5	Pass
					4.37	-2.389	-0.0031	-2.5 to 2.5	Pass
				-30	3.8	0.429	0.0005	-2.5 to 2.5	Pass
				-20	3.8	-1.359	-0.0017	-2.5 to 2.5	Pass
				-10	3.8	-0.958	-0.0012	-2.5 to 2.5	Pass
				0	3.8	1.216	0.0016	-2.5 to 2.5	Pass
				10	3.8	-0.701	-0.0009	-2.5 to 2.5	Pass

				30	3.8	3.061	0.0039	-2.5 to 2.5	Pass
				40	3.8	2.403	0.0031	-2.5 to 2.5	Pass
				50	3.8	1.502	0.0019	-2.5 to 2.5	Pass
					3.23	-0.186	-0.0002	-2.5 to 2.5	Pass
				20	3.8	-0.501	-0.0006	-2.5 to 2.5	Pass
					4.37	-2.332	-0.0030	-2.5 to 2.5	Pass
				-30	3.8	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.8	-2.089	-0.0027	-2.5 to 2.5	Pass
	784.5	25	0	-10	3.8	-1.860	-0.0024	-2.5 to 2.5	Pass
				0	3.8	0.129	0.0002	-2.5 to 2.5	Pass
				10	3.8	-0.386	-0.0005	-2.5 to 2.5	Pass
				30	3.8	-0.873	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-0.358	-0.0005	-2.5 to 2.5	Pass
				50	3.8	1.559	0.0020	-2.5 to 2.5	Pass
					3.23	0.172	0.0002	-2.5 to 2.5	Pass
				20	3.8	-2.346	-0.0030	-2.5 to 2.5	Pass
					4.37	-0.443	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-2.861	-0.0037	-2.5 to 2.5	Pass
				-20	3.8	-0.830	-0.0011	-2.5 to 2.5	Pass
	779.5	25	0	-10	3.8	0.315	0.0004	-2.5 to 2.5	Pass
				0	3.8	-3.247	-0.0042	-2.5 to 2.5	Pass
				10	3.8	-1.273	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-1.860	-0.0024	-2.5 to 2.5	Pass
				40	3.8	-5.565	-0.0071	-2.5 to 2.5	Pass
				50	3.8	-3.161	-0.0041	-2.5 to 2.5	Pass
					3.23	-3.662	-0.0047	-2.5 to 2.5	Pass
				20	3.8	-0.973	-0.0012	-2.5 to 2.5	Pass
					4.37	0.215	0.0003	-2.5 to 2.5	Pass
				-30	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	0.529	0.0007	-2.5 to 2.5	Pass
16QAM	782	25	0	-10	3.8	0.958	0.0012	-2.5 to 2.5	Pass
				0	3.8	-1.960	-0.0025	-2.5 to 2.5	Pass
				10	3.8	-1.273	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-4.649	-0.0059	-2.5 to 2.5	Pass
				40	3.8	-1.574	-0.0020	-2.5 to 2.5	Pass
				50	3.8	-0.501	-0.0006	-2.5 to 2.5	Pass
					3.23	0.730	0.0009	-2.5 to 2.5	Pass
				20	3.8	-3.190	-0.0041	-2.5 to 2.5	Pass
					4.37	-2.789	-0.0036	-2.5 to 2.5	Pass
				-30	3.8	-2.031	-0.0026	-2.5 to 2.5	Pass
				-20	3.8	0.386	0.0005	-2.5 to 2.5	Pass
	784.5	25	0	-10	3.8	-1.173	-0.0015	-2.5 to 2.5	Pass
				0	3.8	-0.086	-0.0001	-2.5 to 2.5	Pass
				10	3.8	1.330	0.0017	-2.5 to 2.5	Pass
				30	3.8	-0.157	-0.0002	-2.5 to 2.5	Pass
				40	3.8	-3.233	-0.0041	-2.5 to 2.5	Pass
				50	3.8	-0.887	-0.0011	-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	3.23	0.758	0.0010	-2.5 to 2.5	Pass
					3.8	1.588	0.0020	-2.5 to 2.5	Pass
					4.37	-1.688	-0.0022	-2.5 to 2.5	Pass
				-30	3.8	-0.672	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	0.300	0.0004	-2.5 to 2.5	Pass
				-10	3.8	-0.772	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-0.601	-0.0008	-2.5 to 2.5	Pass
				10	3.8	-0.286	-0.0004	-2.5 to 2.5	Pass
				30	3.8	1.316	0.0017	-2.5 to 2.5	Pass
				40	3.8	-0.072	-0.0001	-2.5 to 2.5	Pass
				50	3.8	2.346	0.0030	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.23	0.658	0.0008	-2.5 to 2.5	Pass
					3.8	1.688	0.0022	-2.5 to 2.5	Pass
					4.37	-3.104	-0.0040	-2.5 to 2.5	Pass
				-30	3.8	-3.033	-0.0039	-2.5 to 2.5	Pass
				-20	3.8	-0.372	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-3.419	-0.0044	-2.5 to 2.5	Pass
				0	3.8	-2.060	-0.0026	-2.5 to 2.5	Pass
				10	3.8	1.574	0.0020	-2.5 to 2.5	Pass
				30	3.8	1.416	0.0018	-2.5 to 2.5	Pass
				40	3.8	0.644	0.0008	-2.5 to 2.5	Pass
				50	3.8	-0.730	-0.0009	-2.5 to 2.5	Pass

3. Modulation Characteristics

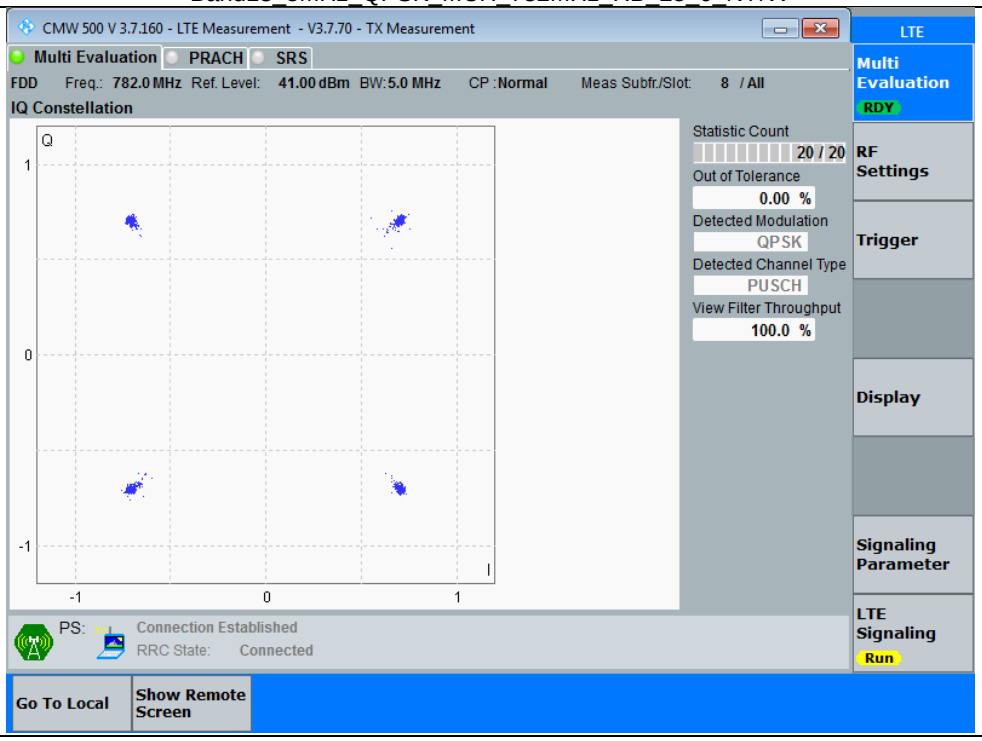
3.1 B13_5MHz

3.1.1 Test Result

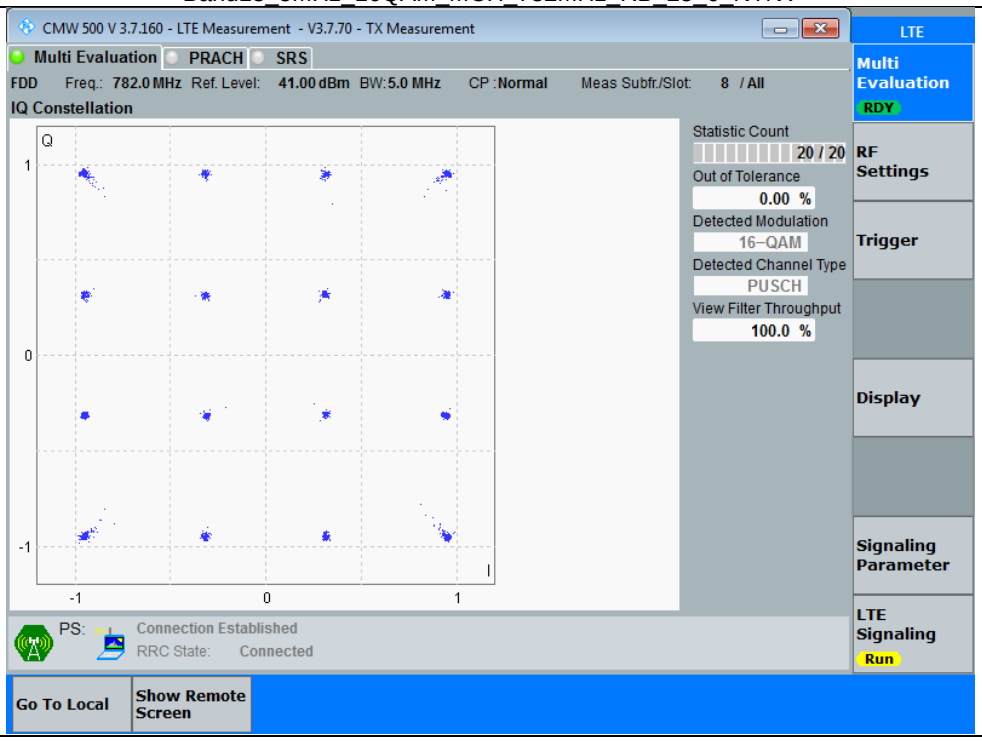
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



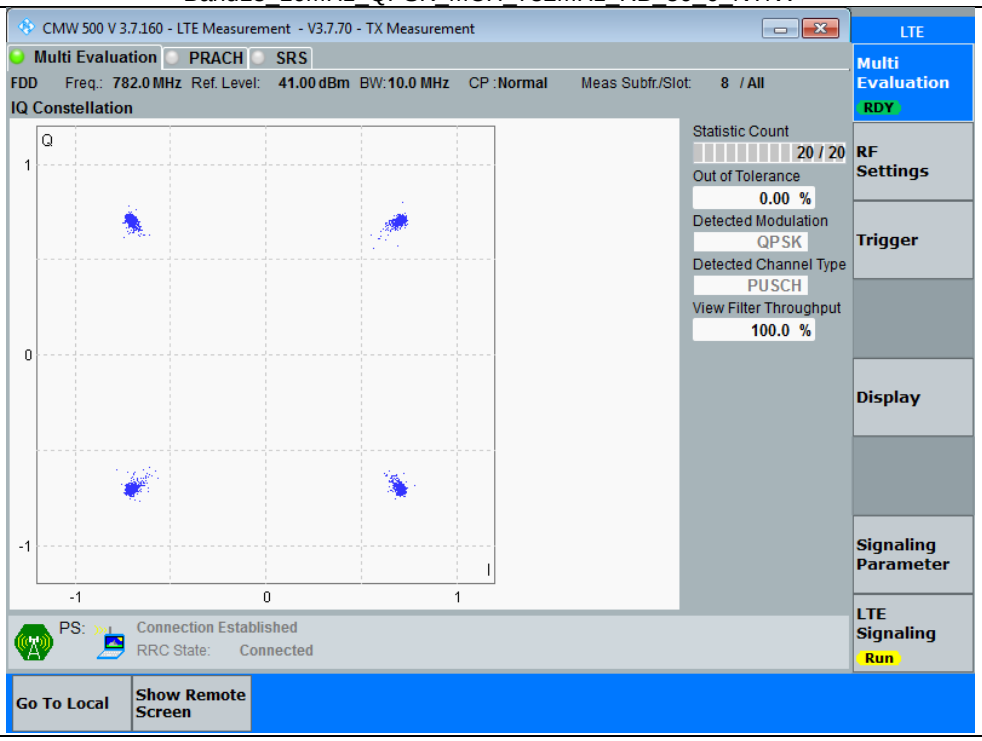
3.2 B13_10MHz

3.2.1 Test Result

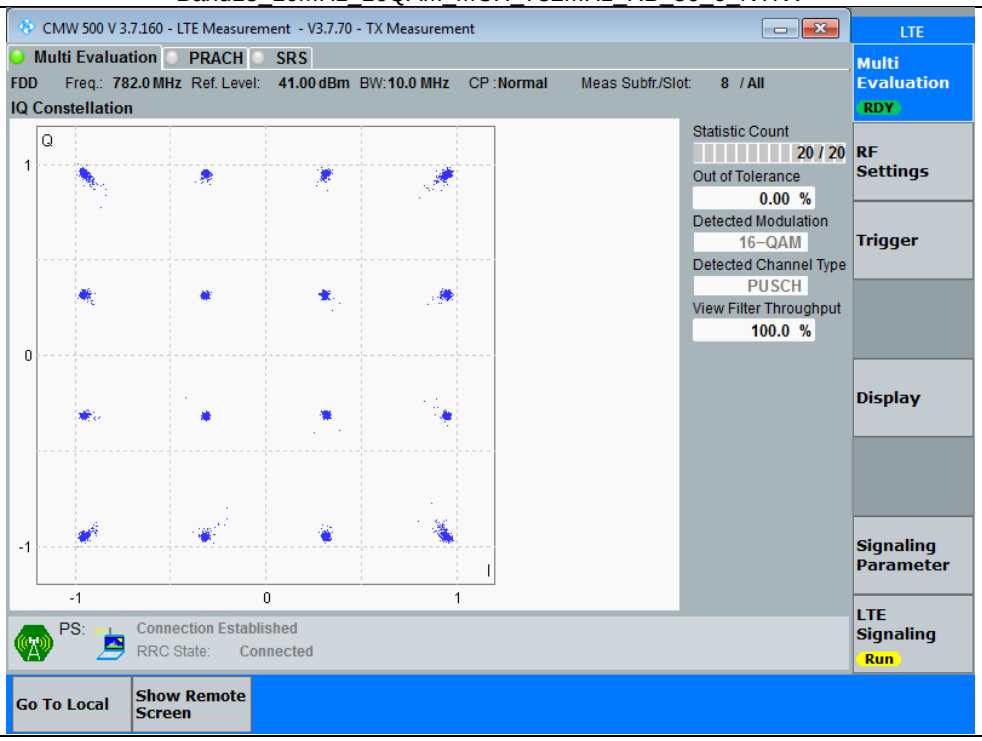
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

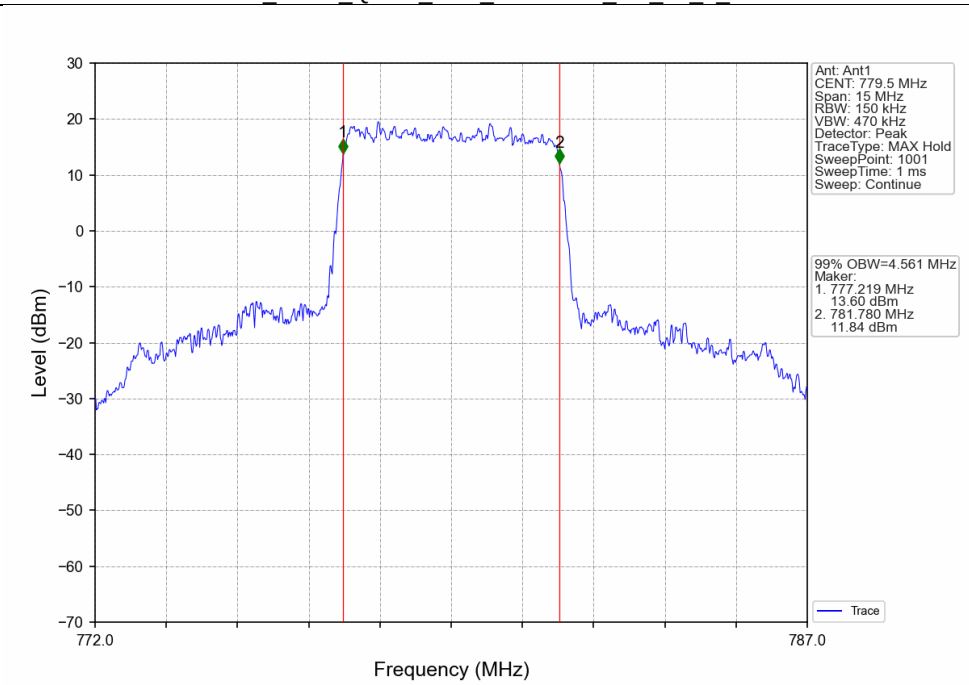
4.1 Band13_OBW

4.1.1 Test Result

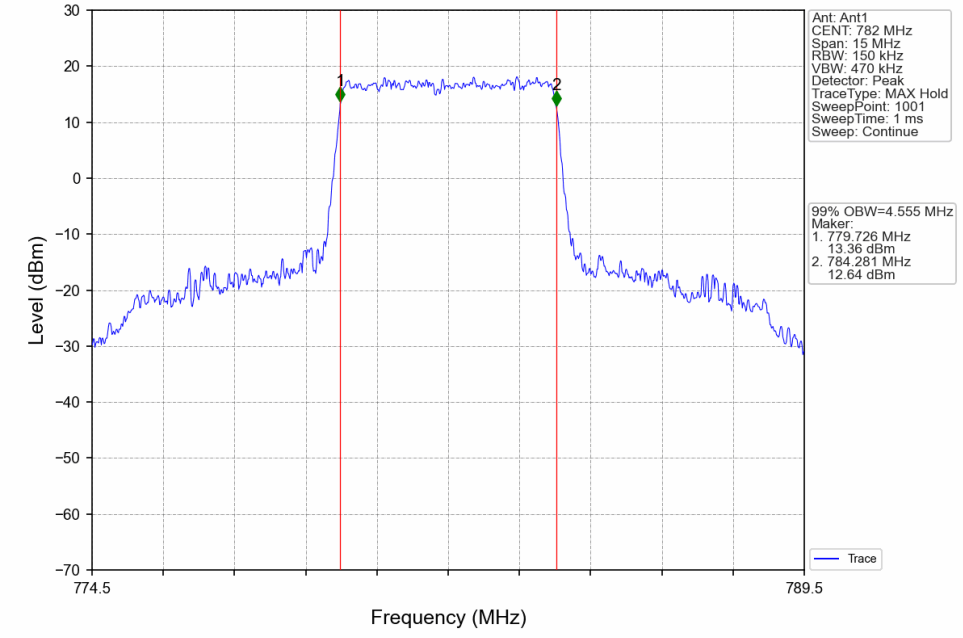
Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.561	Pass
		782	25	0	4.555	Pass
		784.5	25	0	4.538	Pass
	16QAM	779.5	25	0	4.552	Pass
		782	25	0	4.564	Pass
		784.5	25	0	4.537	Pass
10	QPSK	782	50	0	9.075	Pass
	16QAM	782	50	0	9.044	Pass

4.1.2 Test Graph

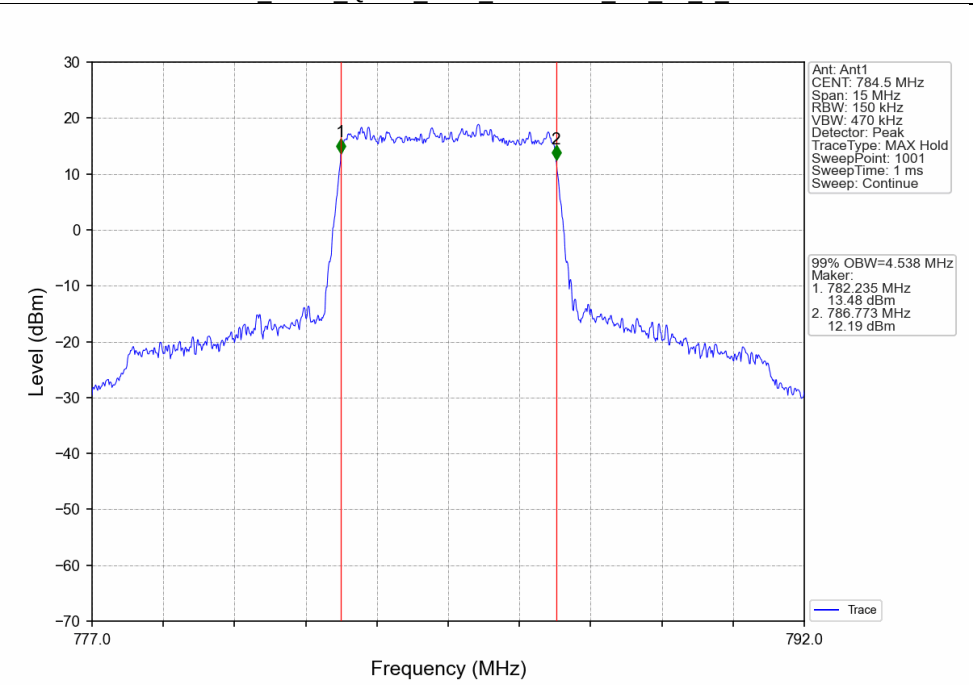
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



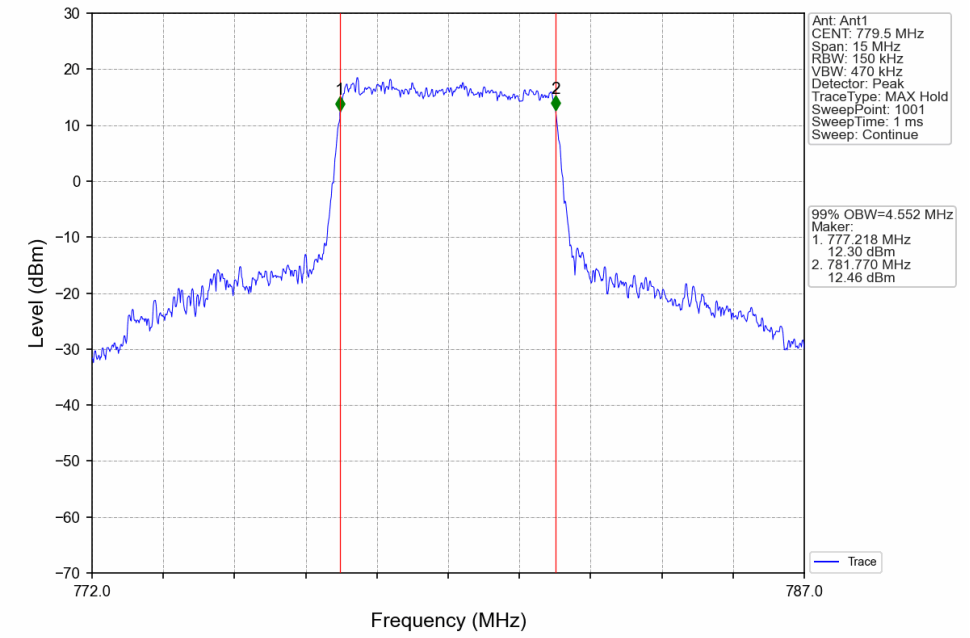
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



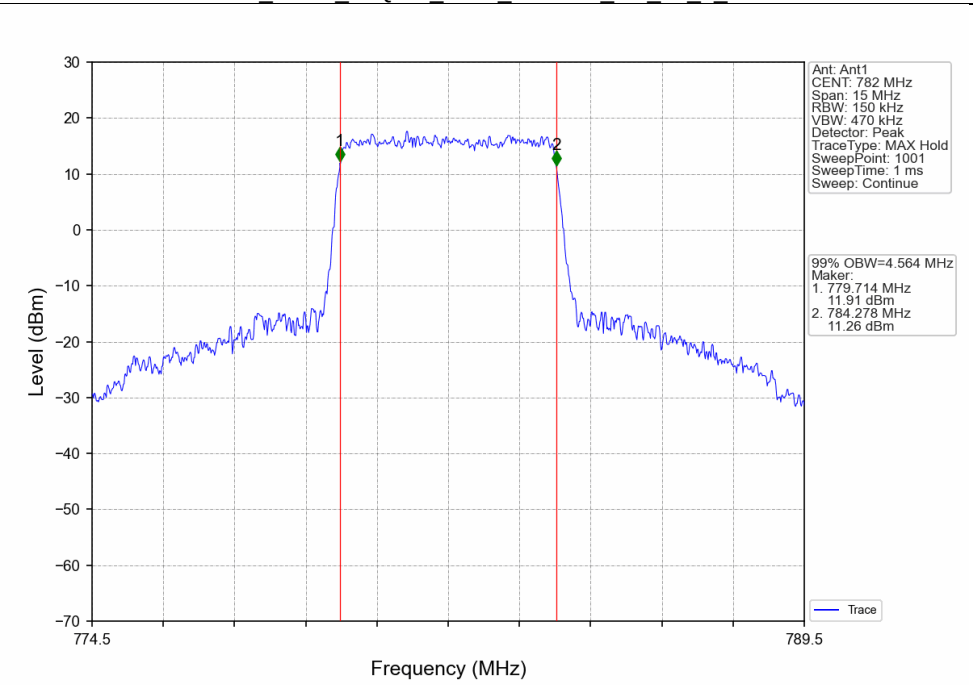
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



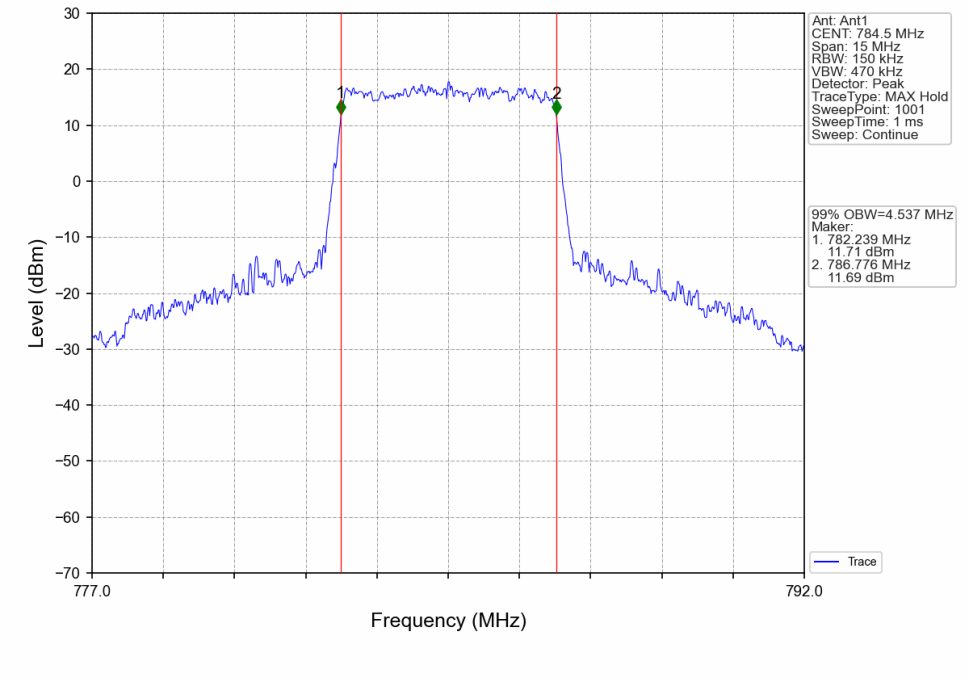
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



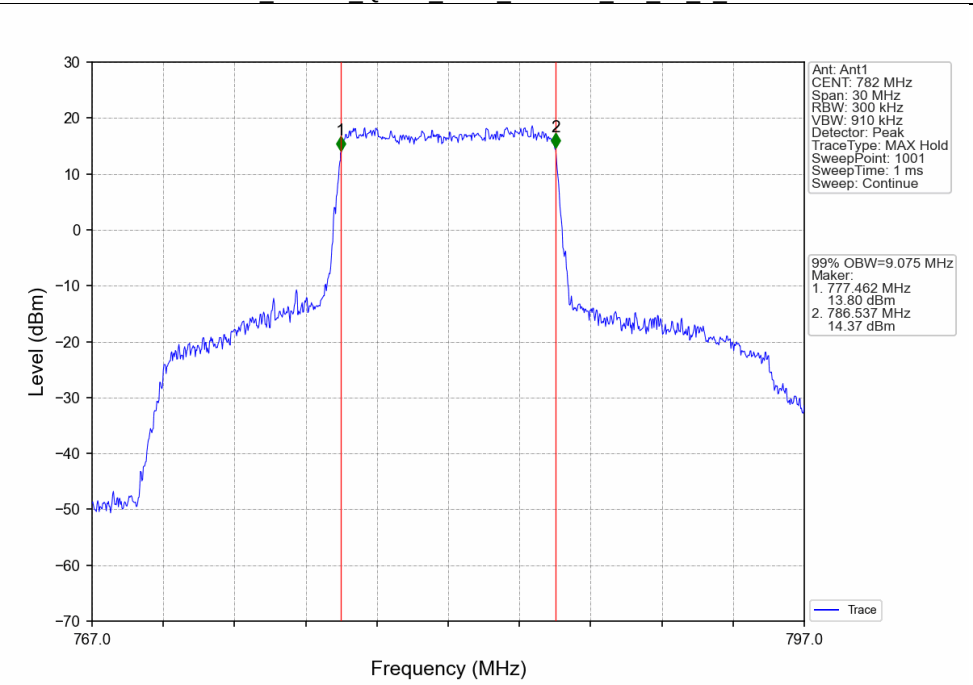
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



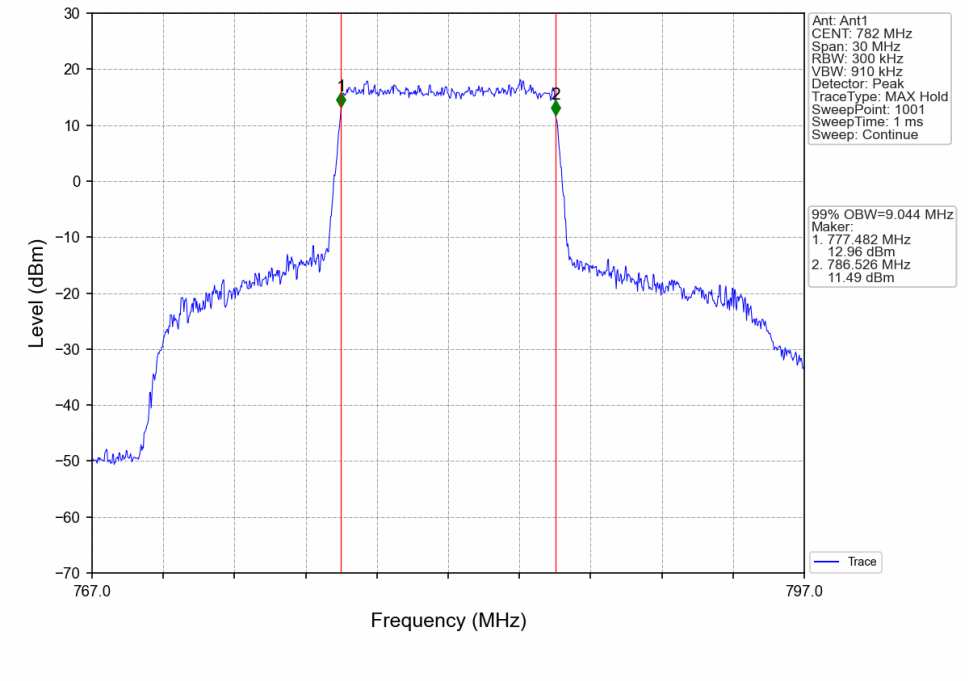
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



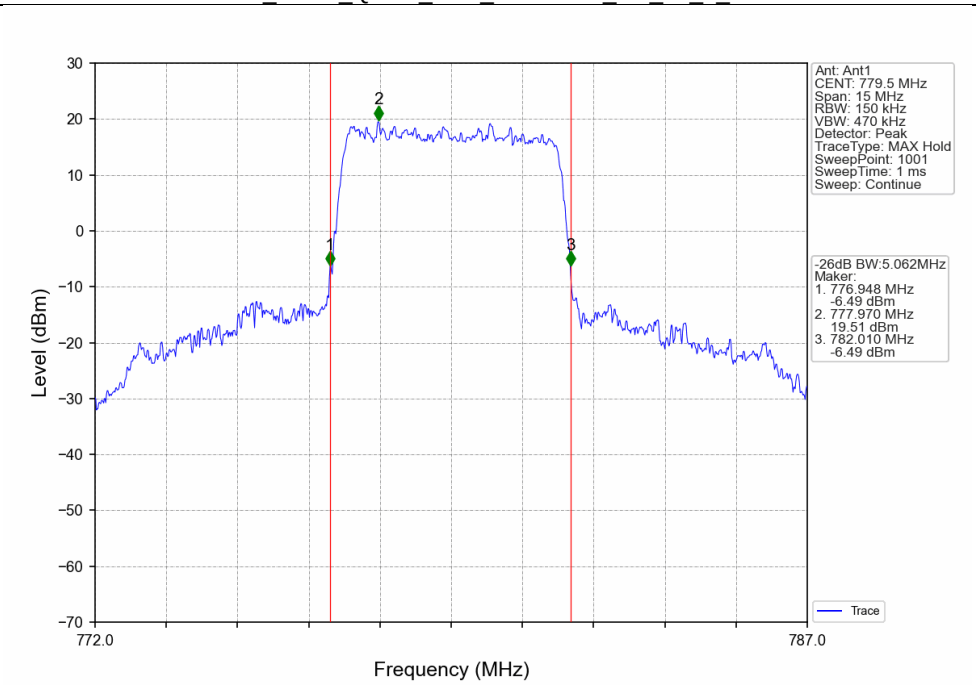
4.2 Band13_XDB

4.2.1 Test Result

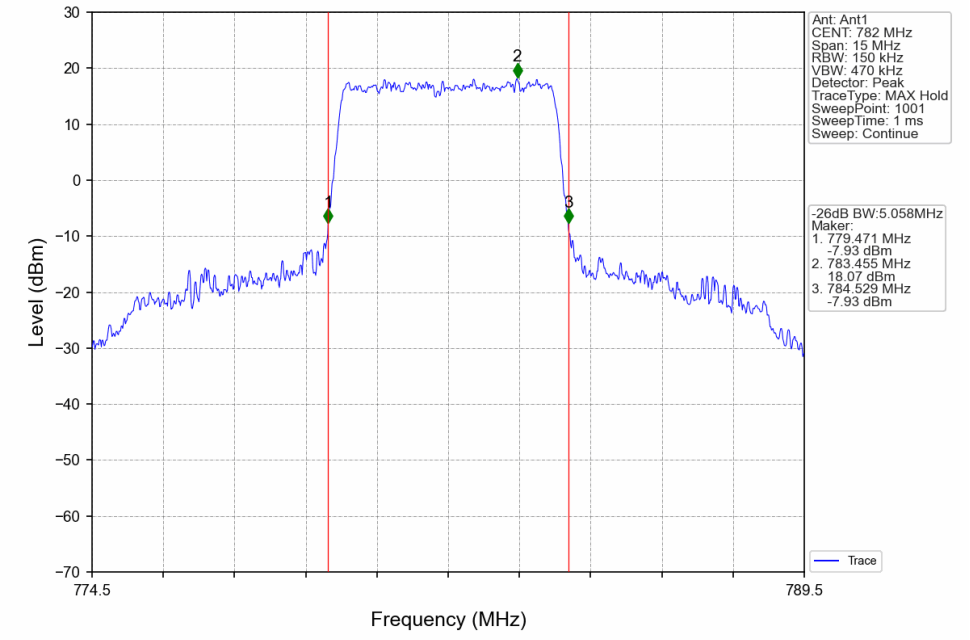
Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.062	Pass
		782	25	0	5.058	Pass
		784.5	25	0	5.059	Pass
	16QAM	779.5	25	0	5.048	Pass
		782	25	0	5.075	Pass
		784.5	25	0	5.084	Pass
10	QPSK	782	50	0	9.973	Pass
	16QAM	782	50	0	9.934	Pass

4.2.2 Test Graph

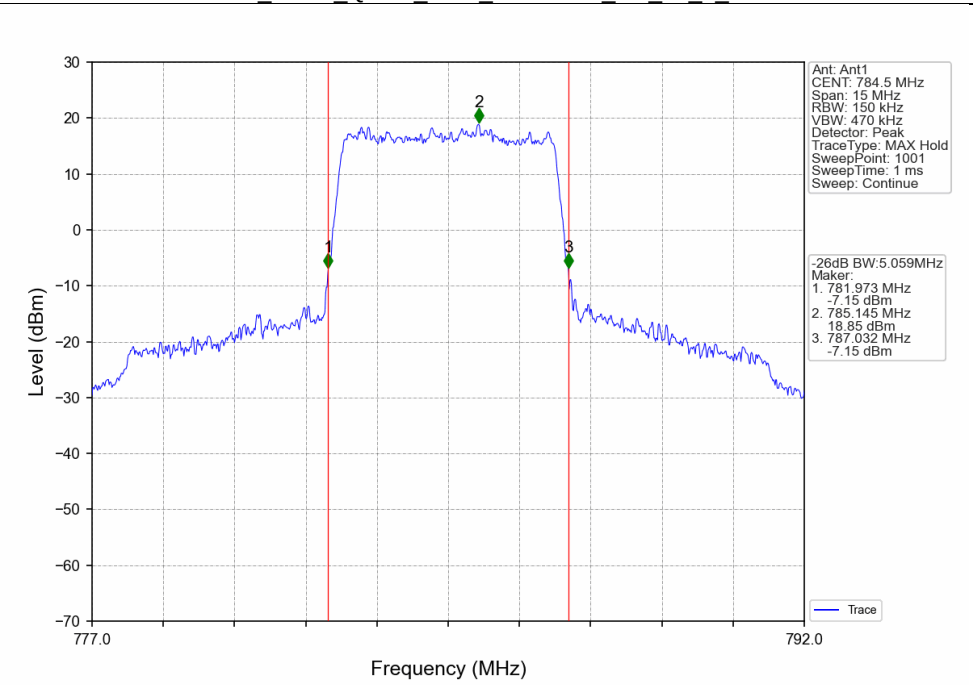
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



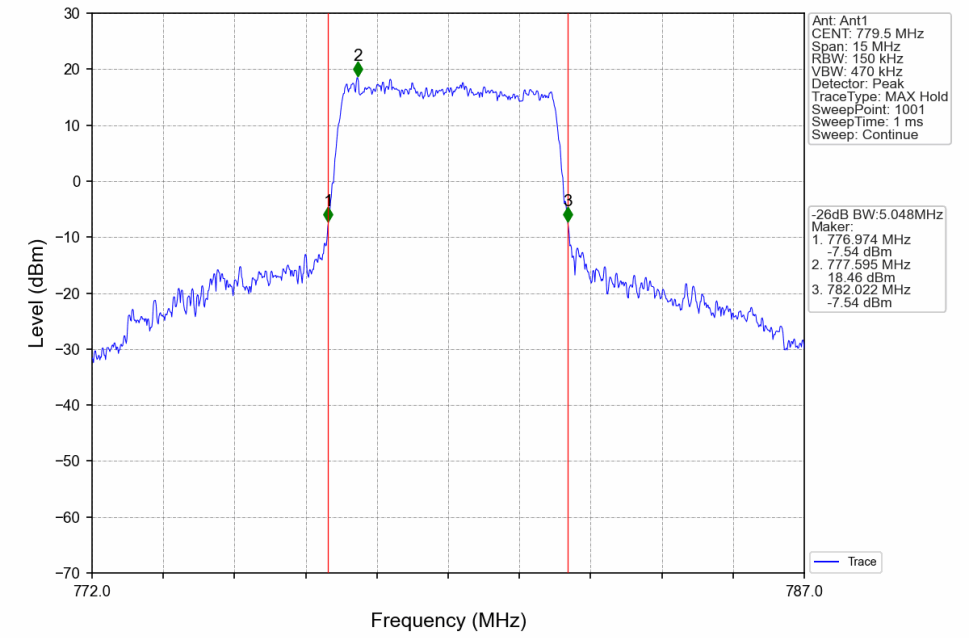
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



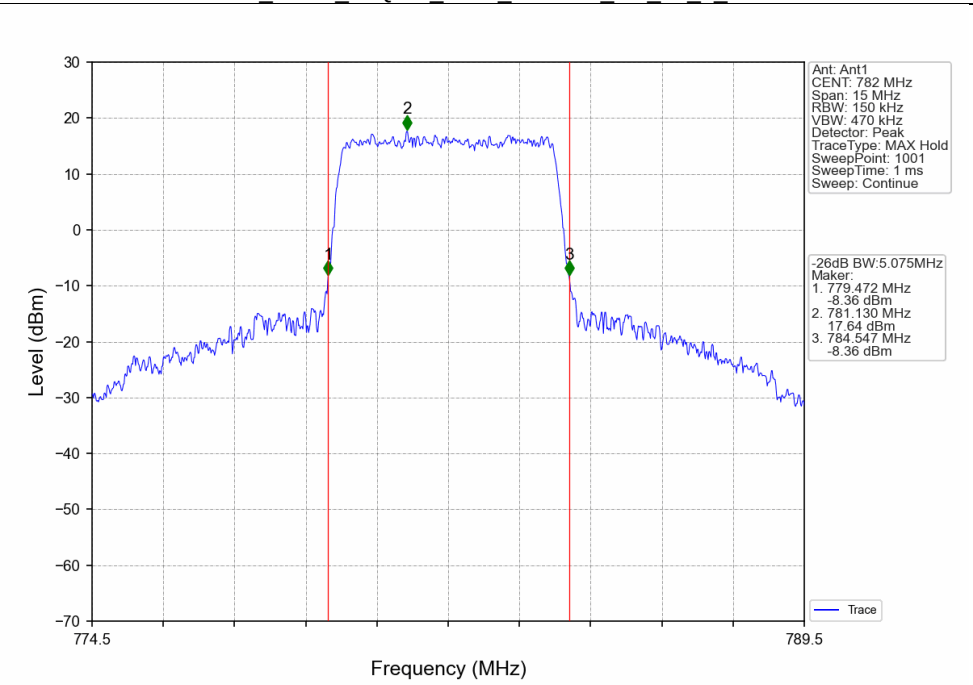
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



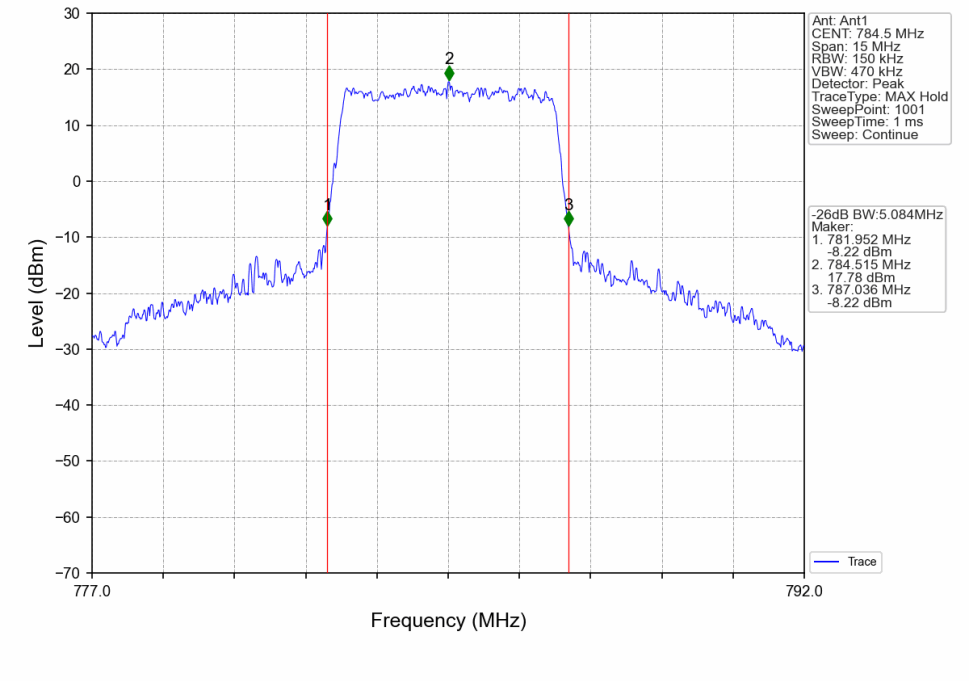
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



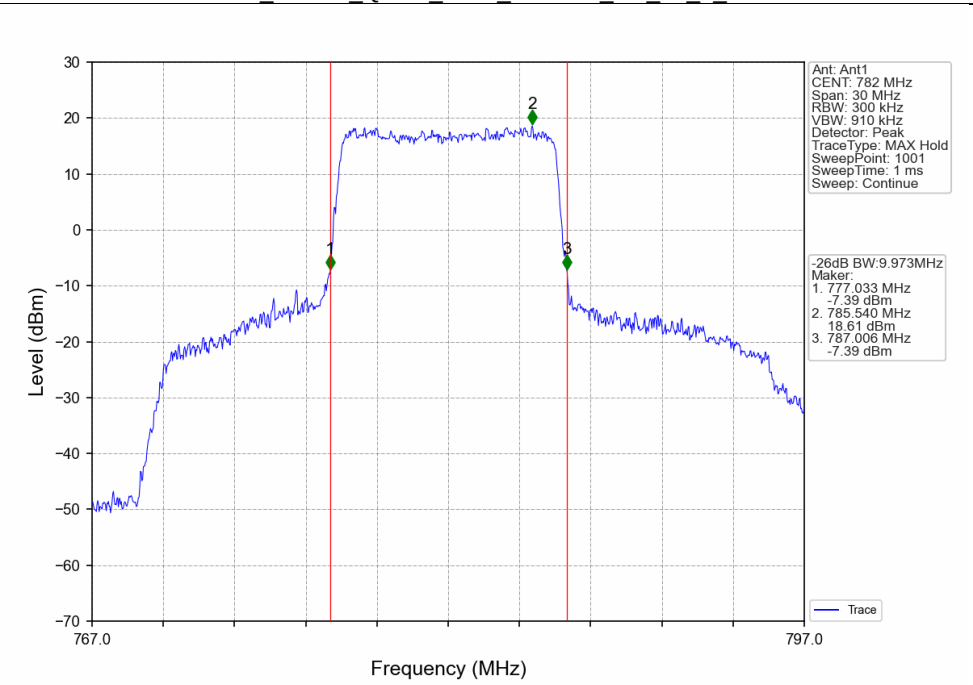
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



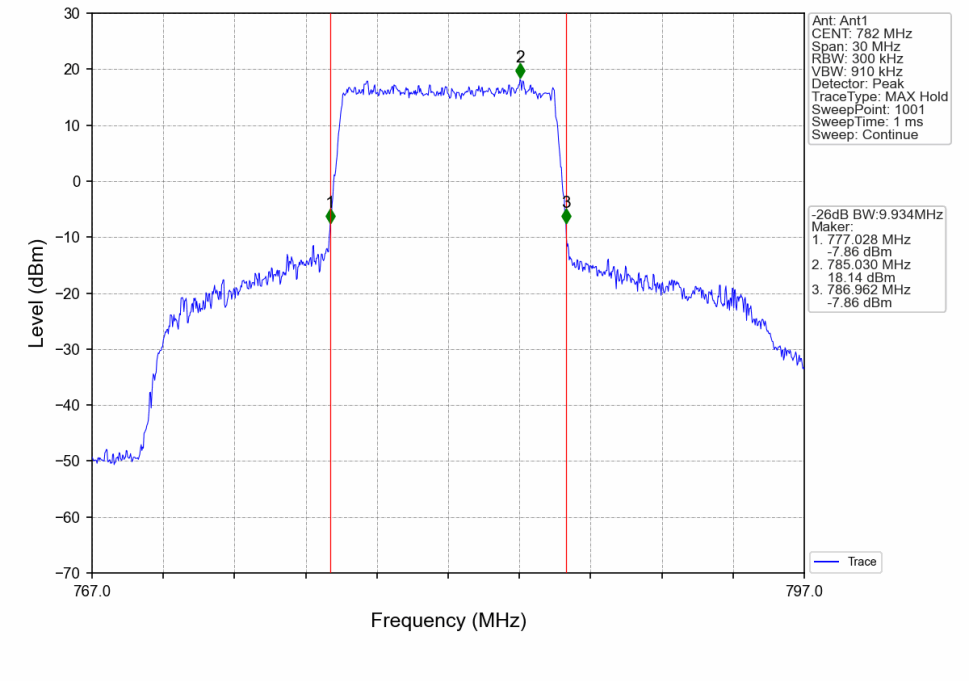
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



5. Peak-Average Ratio

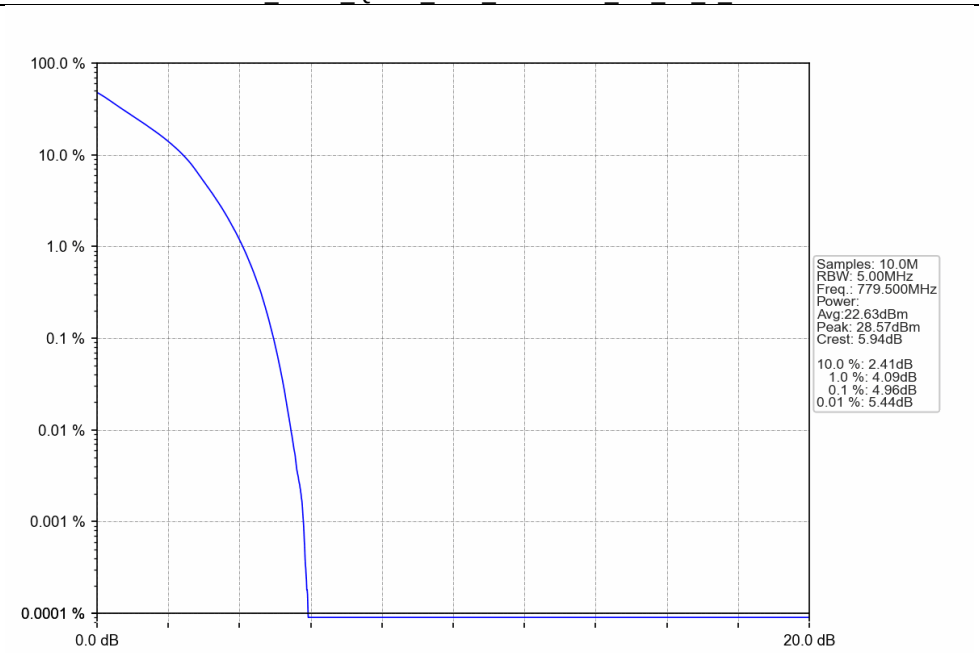
5.1 B13_5MHz

5.1.1 Test Result

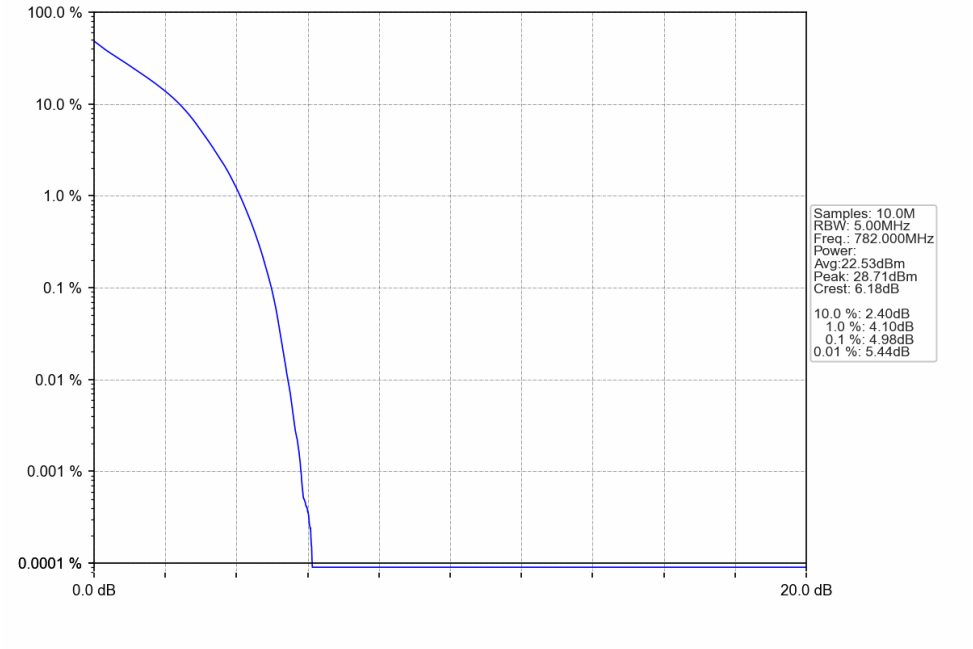
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.96	<=13	Pass
	782	25	0	4.98	<=13	Pass
	784.5	25	0	4.71	<=13	Pass
16QAM	779.5	25	0	5.65	<=13	Pass
	782	25	0	5.71	<=13	Pass
	784.5	25	0	5.46	<=13	Pass

5.1.2 Test Graph

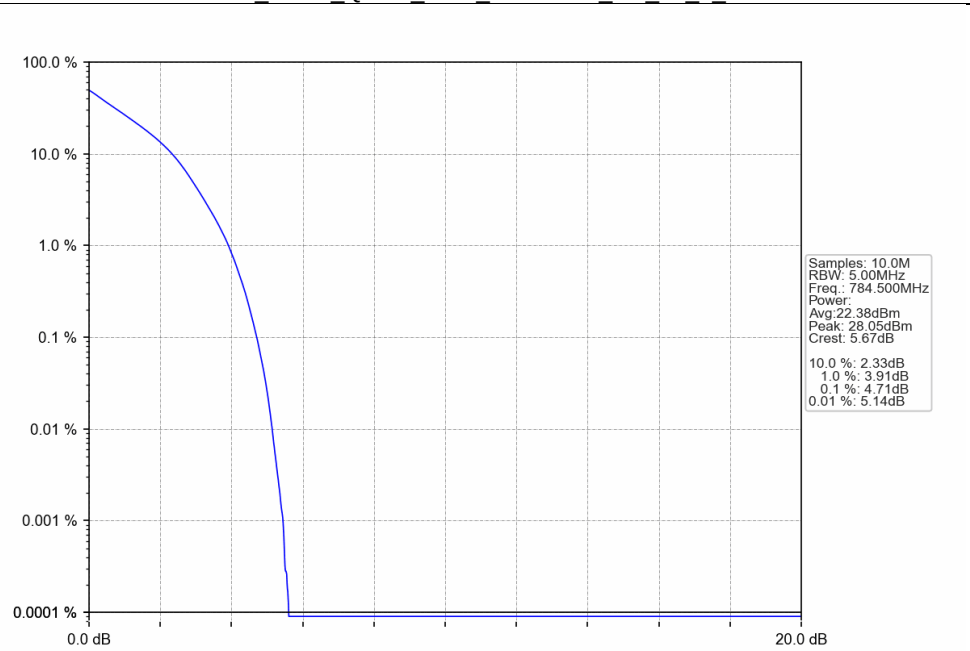
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



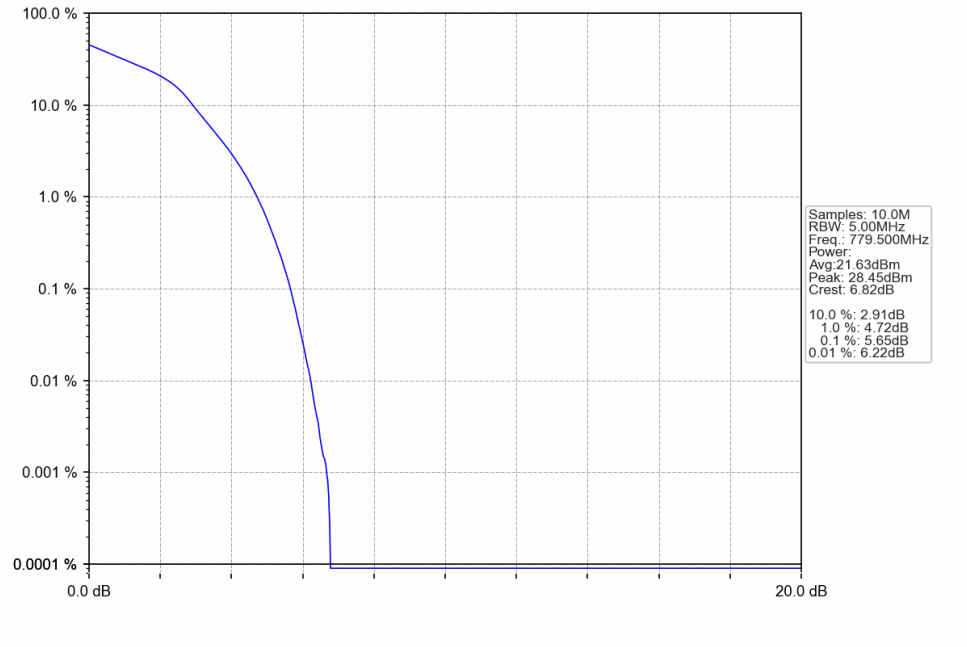
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



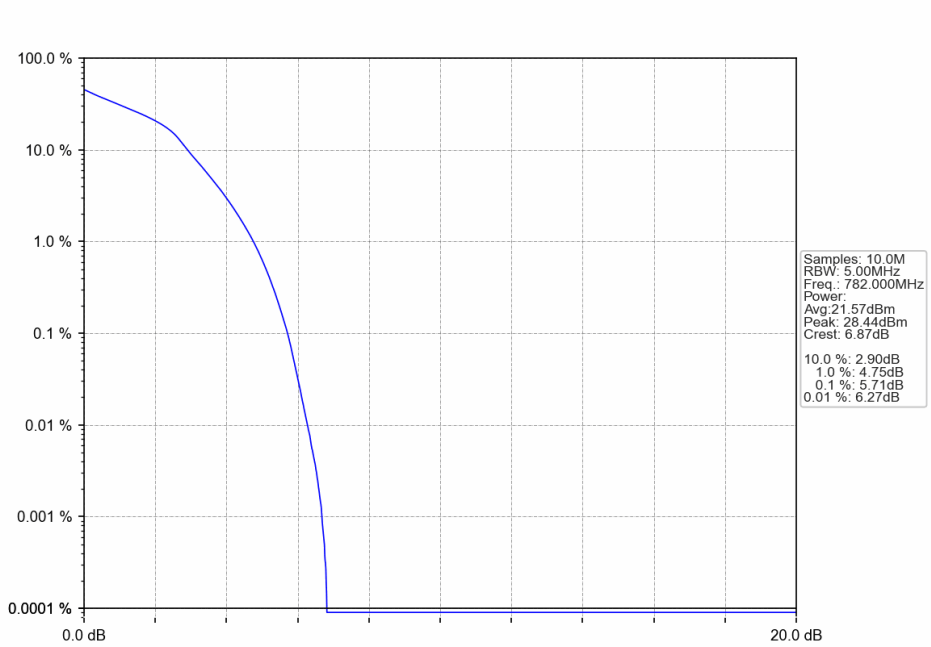
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



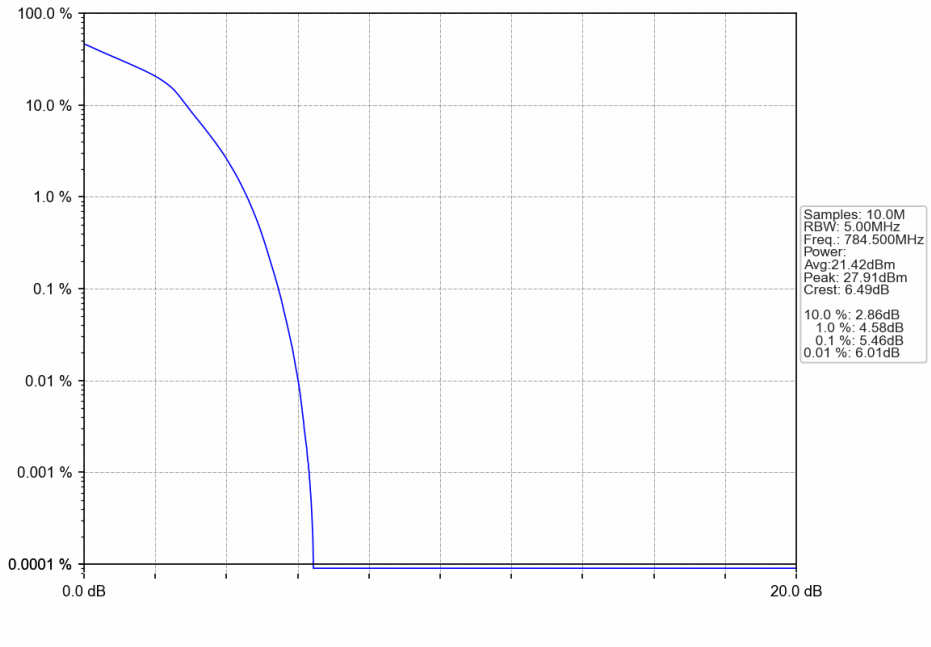
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



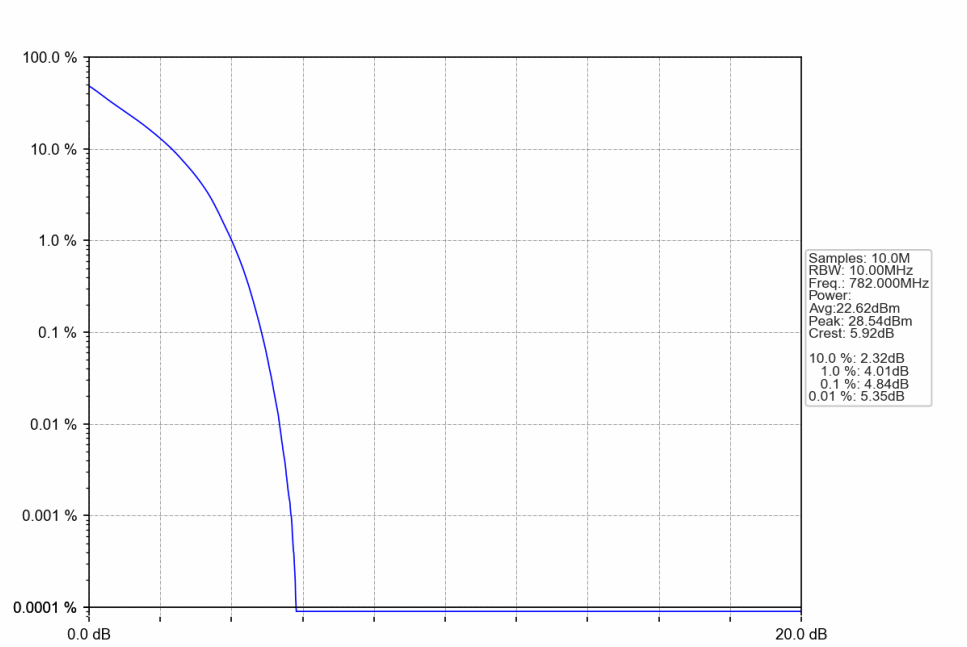
5.2 B13_10MHz

5.2.1 Test Result

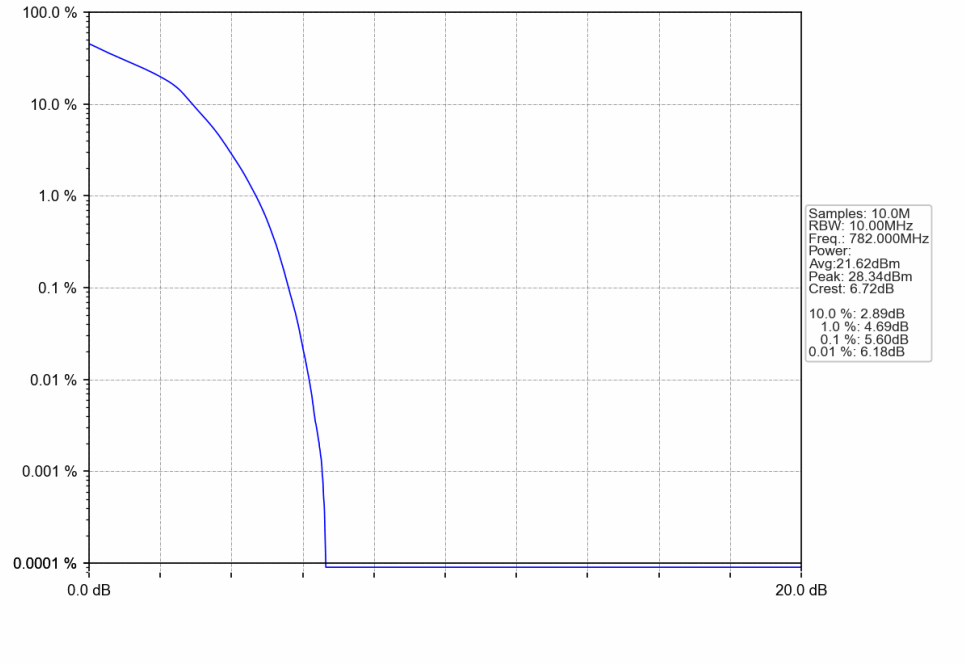
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	4.84	<=13	Pass
16QAM	782	50	0	5.60	<=13	Pass

5.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



6. Spurious Emission

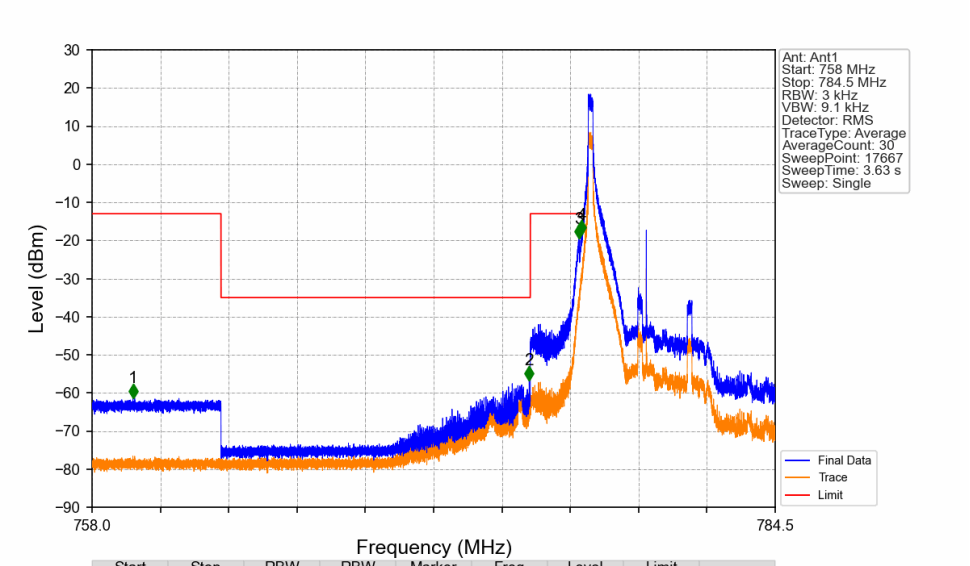
6.1 B13_5MHz

6.1.1 Test Result

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
	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

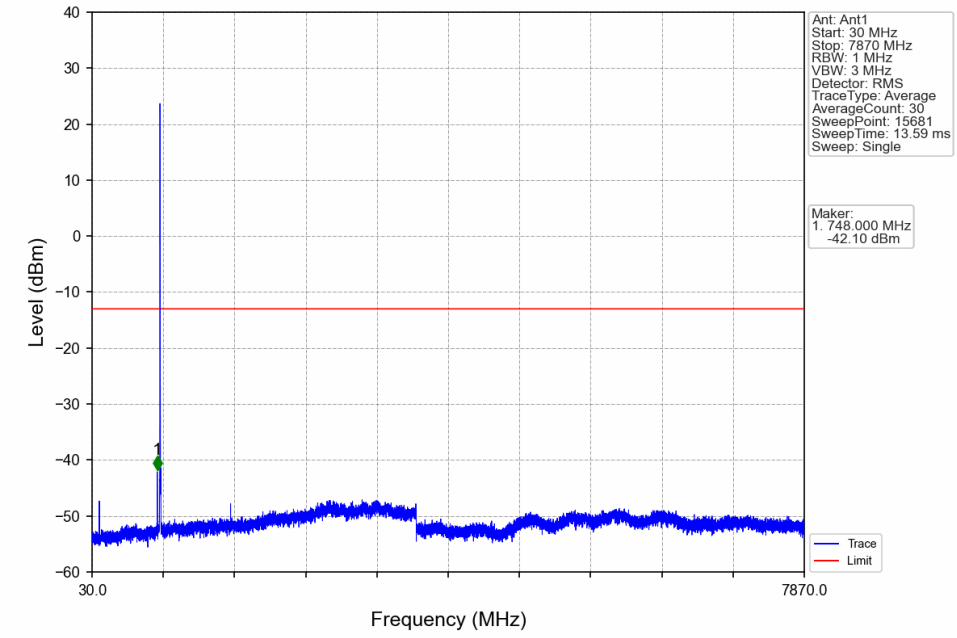
6.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

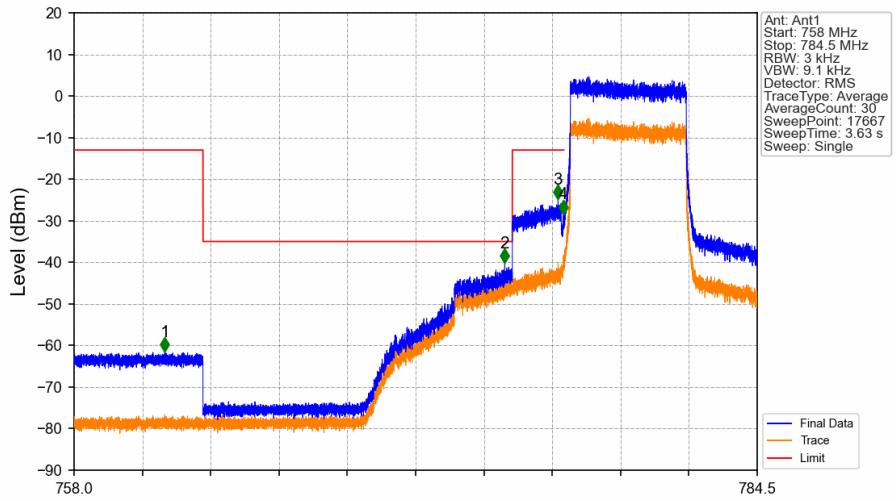


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	15.23	1	759.584	-61.35	-13	Pass
763	775	0.00625	3.19	2	774.958	-56.69	-35	Pass
775	776.9	0.1	15.23	3	776.887	-19.57	-13	Pass
776.9	777	0.03	10	4	776.988	-18.54	-13	Pass
777	784.5	0.03	10	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

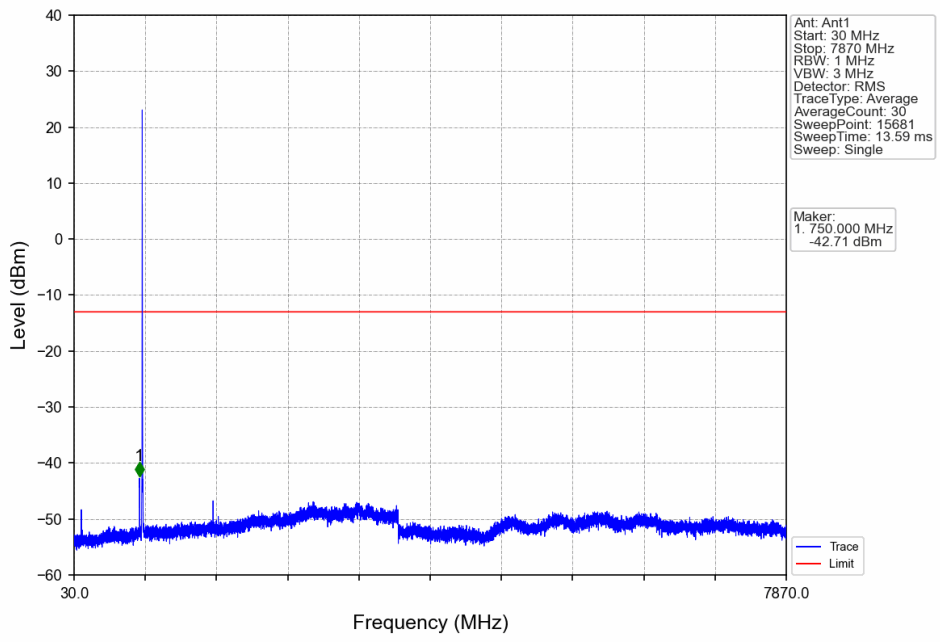


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

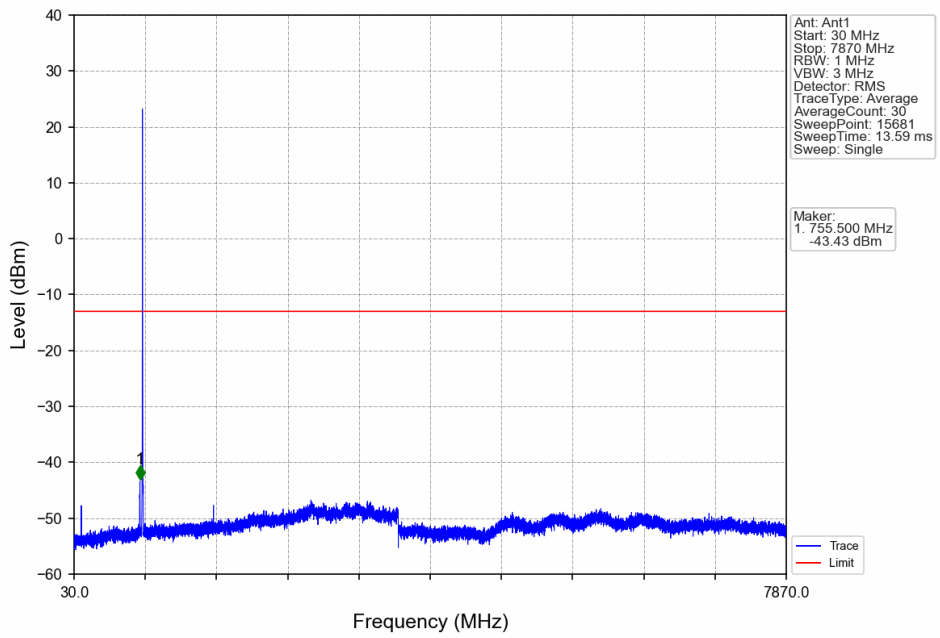


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	15.23	1	761.518	-61.44	-13	Pass
763	775	0.00625	3.19	2	774.708	-40.11	-35	Pass
775	776.9	0.1	15.23	3	776.776	-24.77	-13	Pass
776.9	777	0.03	10	4	776.974	-28.40	-13	Pass
777	784.5	0.03	10	/	/	/	/	/

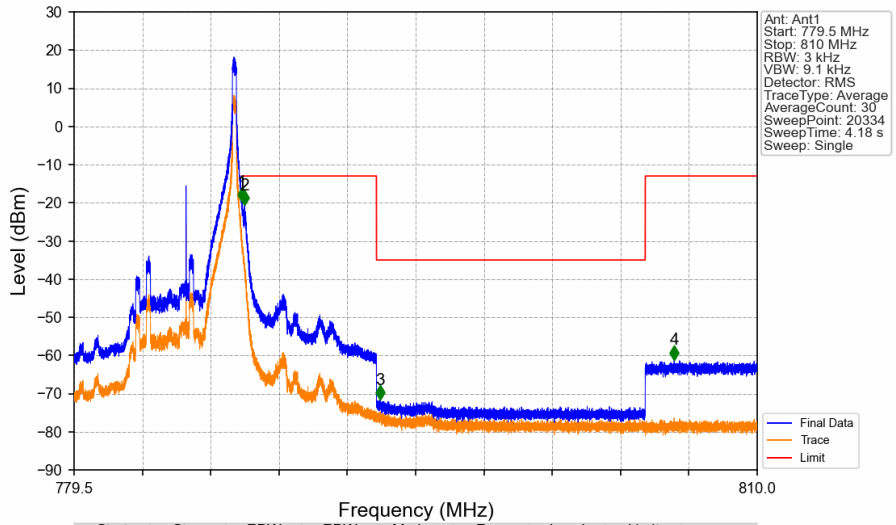
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

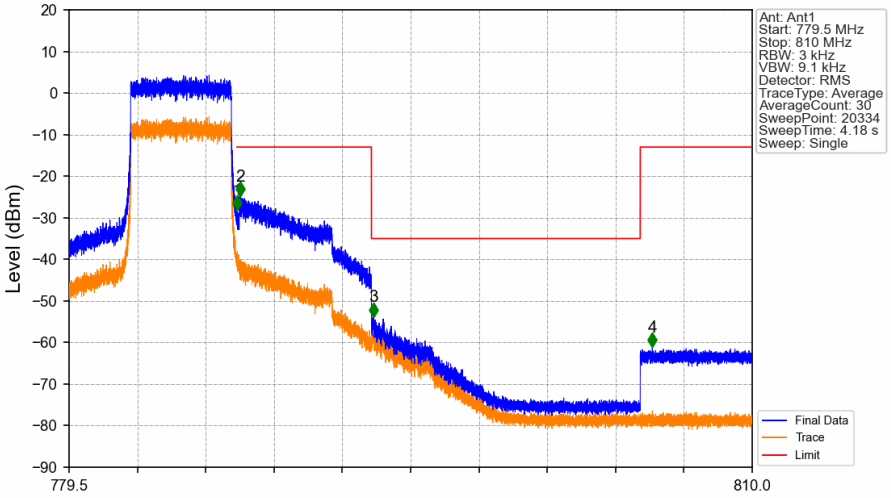


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



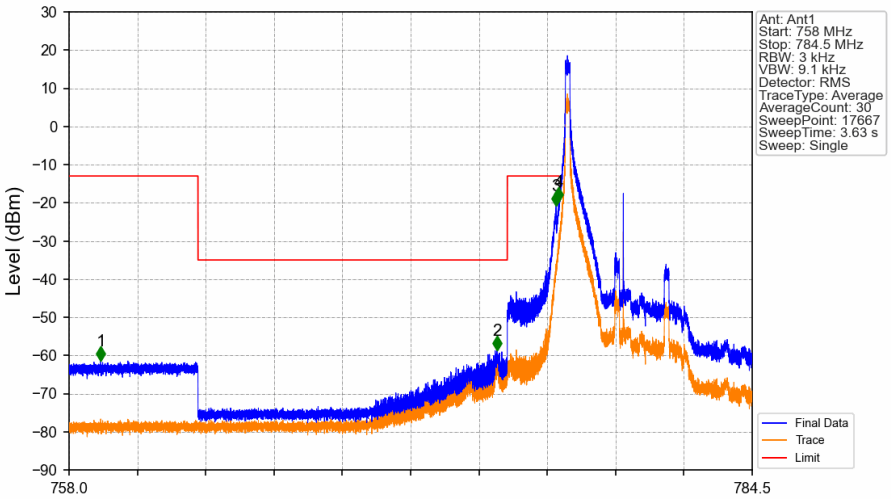
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	1	787.000	-19.74	-13	Pass
787.1	793	0.1	15.23	2	787.110	-20.68	-13	Pass
793	805	0.00625	3.19	3	793.180	-71.56	-35	Pass
805	810	0.1	15.23	4	806.295	-61.11	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



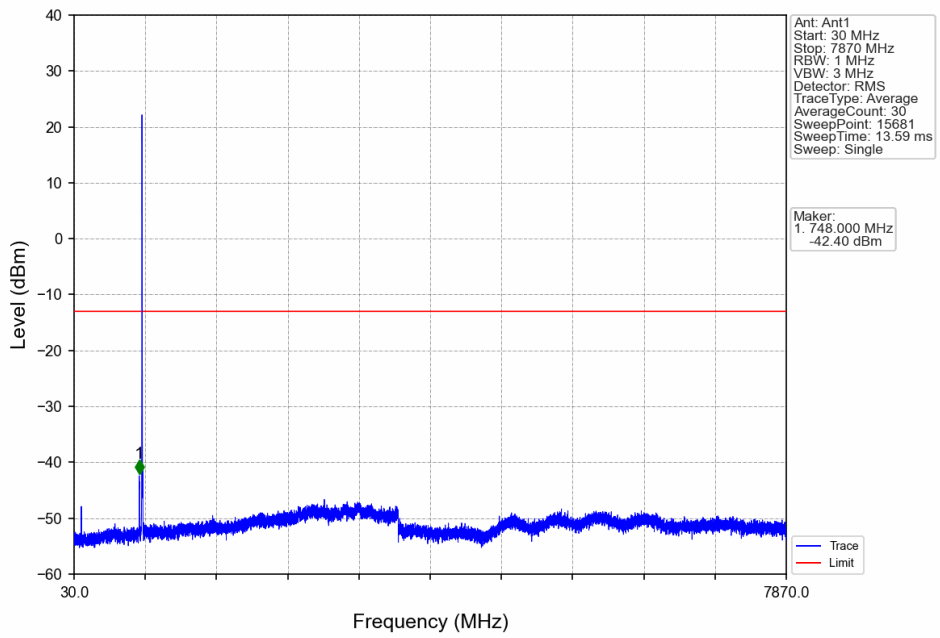
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	1	787.017	-28.12	-13	Pass
787.1	793	0.1	15.23	2	787.149	-24.81	-13	Pass
793	805	0.00625	3.19	3	793.074	-53.82	-35	Pass
805	810	0.1	15.23	4	805.540	-61.16	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

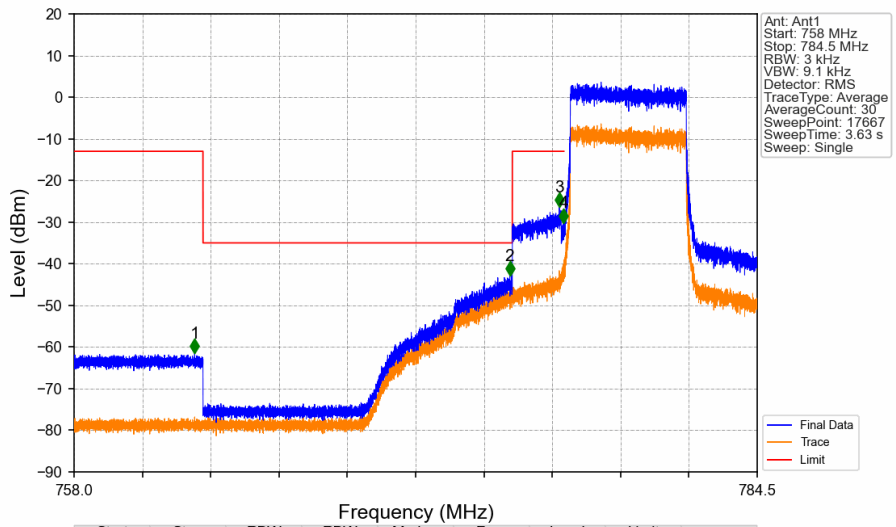


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	15.23	1	759.227	-61.42	-13	Pass
763	775	0.00625	3.19	2	774.600	-58.72	-35	Pass
775	776.9	0.1	15.23	3	776.890	-20.80	-13	Pass
776.9	777	0.03	10	4	776.986	-19.71	-13	Pass
777	784.5	0.03	10	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

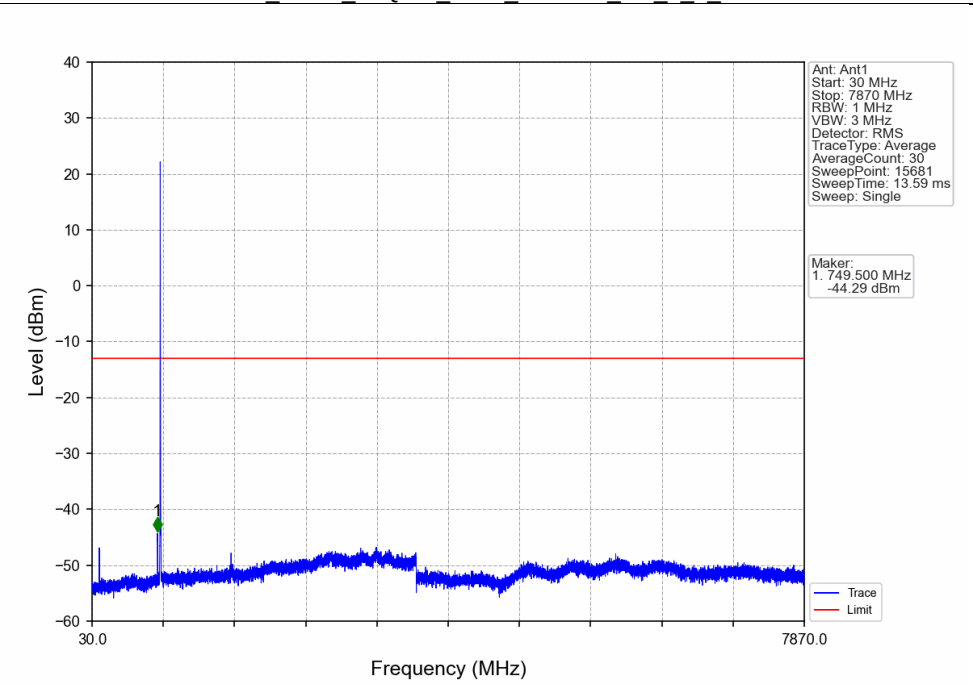


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

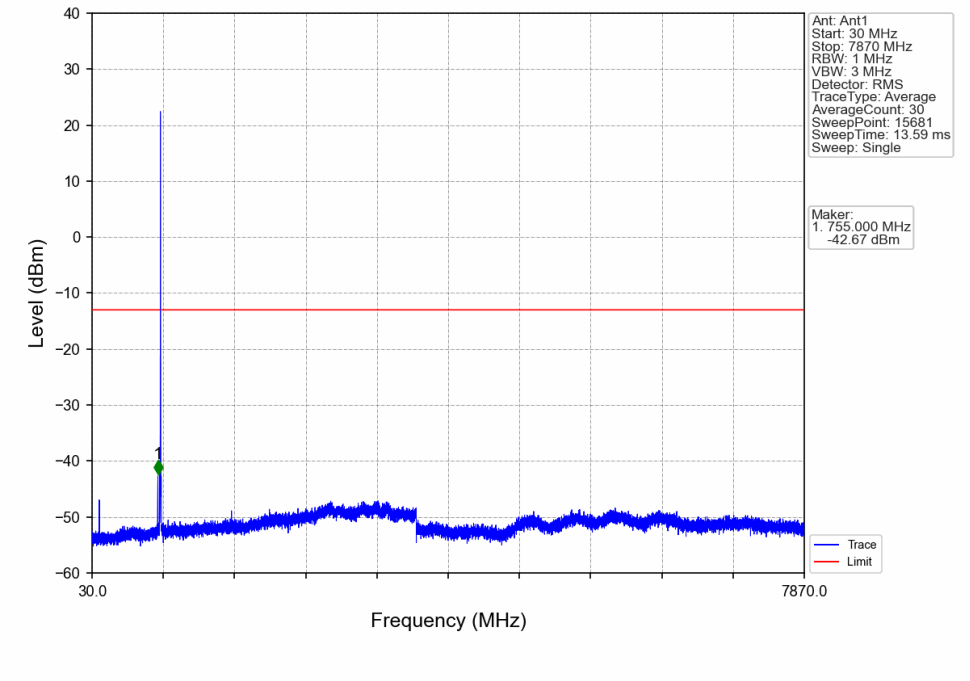


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	15.23	1	762.677	-61.55	-13	Pass
763	775	0.00625	3.19	2	774.901	-42.83	-35	Pass
775	776.9	0.1	15.23	3	776.823	-26.42	-13	Pass
776.9	777	0.03	10	4	776.986	-30.15	-13	Pass
777	784.5	0.03	10	/	/	/	/	/

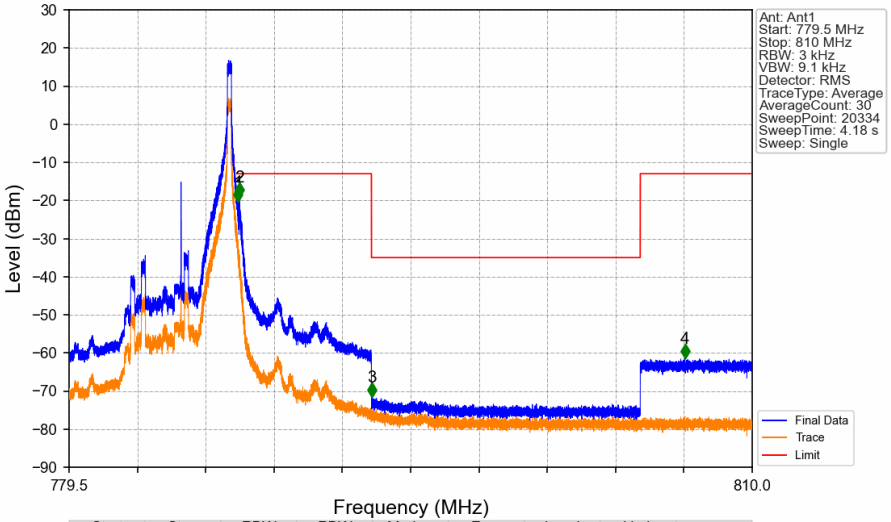
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

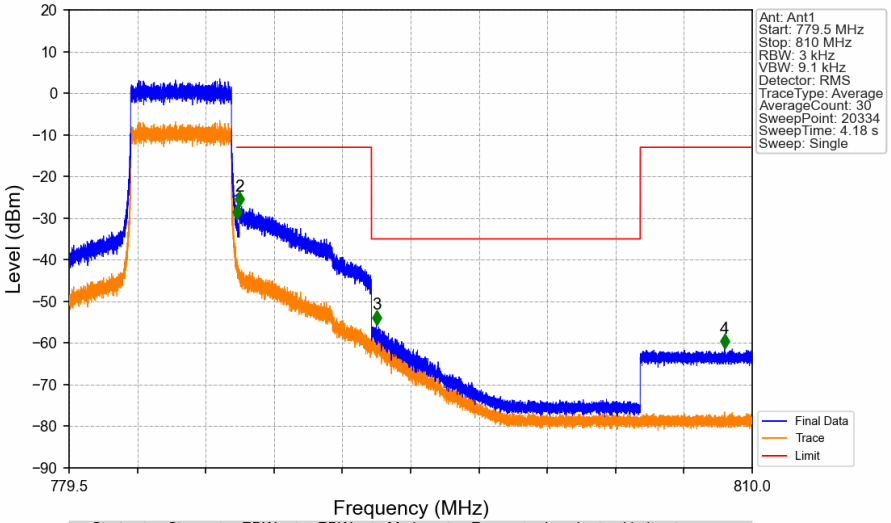


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	1	787.038	-20.40	-13	Pass
787.1	793	0.1	15.23	2	787.108	-19.12	-13	Pass
793	805	0.00625	3.19	3	793.021	-71.55	-35	Pass
805	810	0.1	15.23	4	806.995	-61.43	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	1	787.002	-30.29	-13	Pass
787.1	793	0.1	15.23	2	787.113	-27.19	-13	Pass
793	805	0.00625	3.19	3	793.224	-55.60	-35	Pass
805	810	0.1	15.23	4	808.768	-61.31	-13	Pass

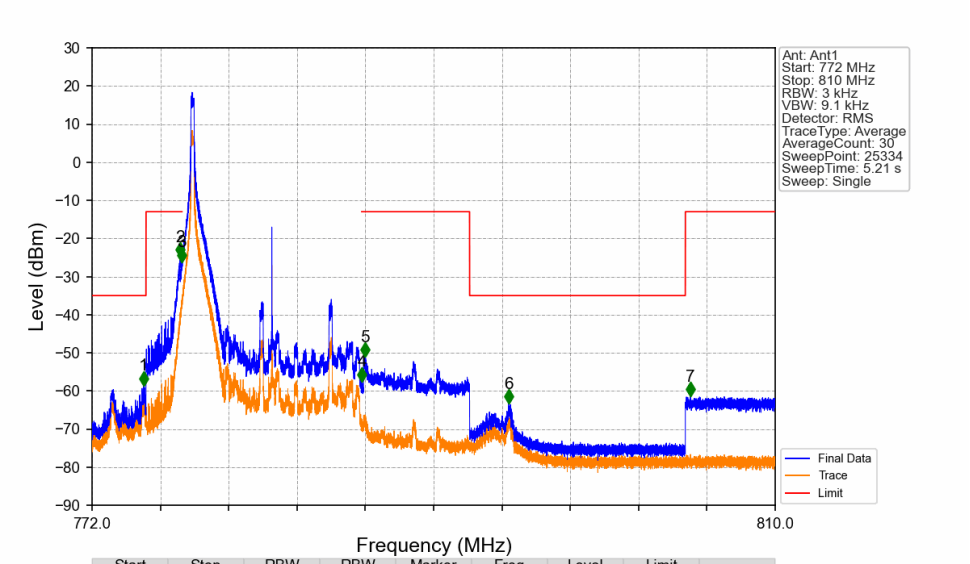
6.2 B13_10MHz

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

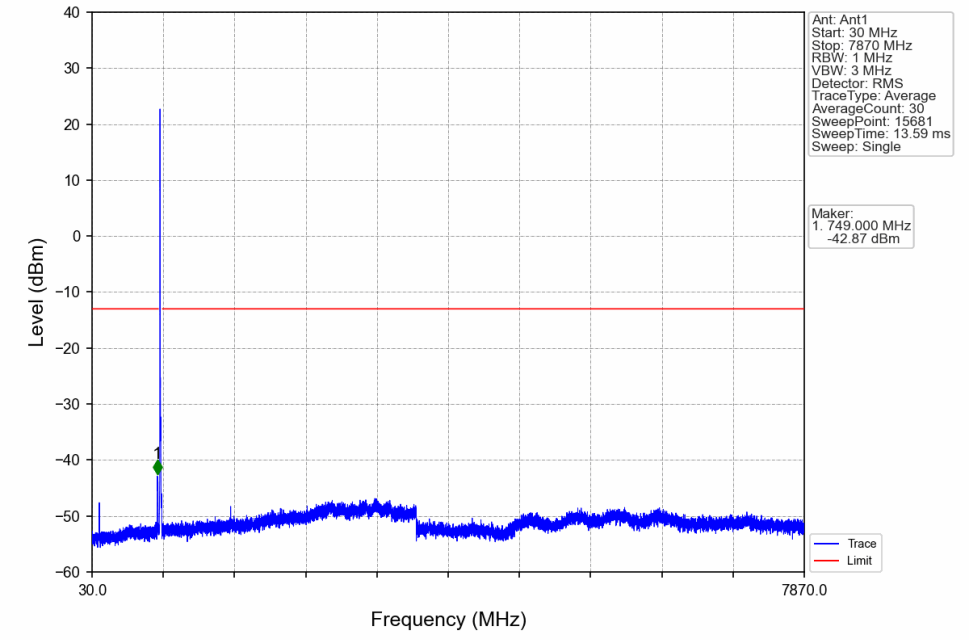
6.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

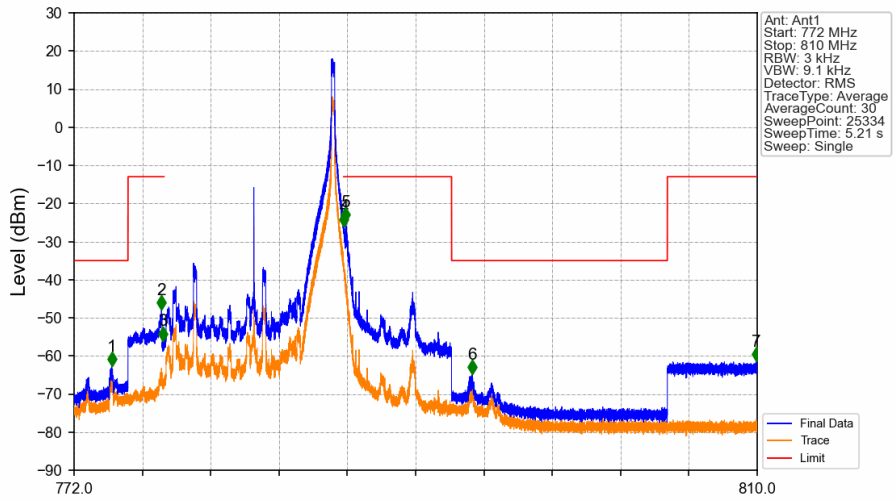


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	3.19	1	774.876	-58.61	-35	Pass
775	776.9	0.1	15.23	2	776.889	-24.78	-13	Pass
776.9	777	0.03	10	3	776.989	-26.21	-13	Pass
777	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	4	787.023	-57.52	-13	Pass
787.1	793	0.1	15.23	5	787.189	-51.04	-13	Pass
793	805	0.00625	3.19	6	795.160	-63.33	-35	Pass
805	810	0.1	15.23	7	805.287	-61.41	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

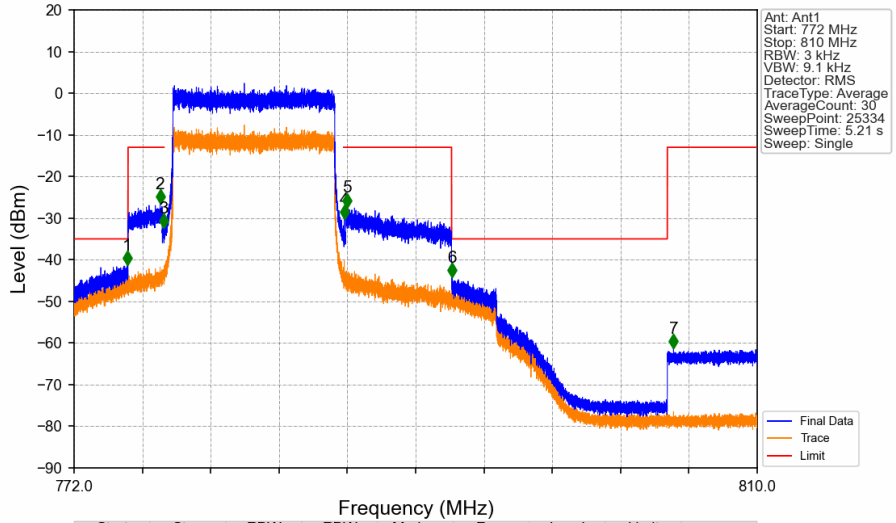


Band13_10MHz_QPSK_MCH_782MHz_RB_1_49_NTNV



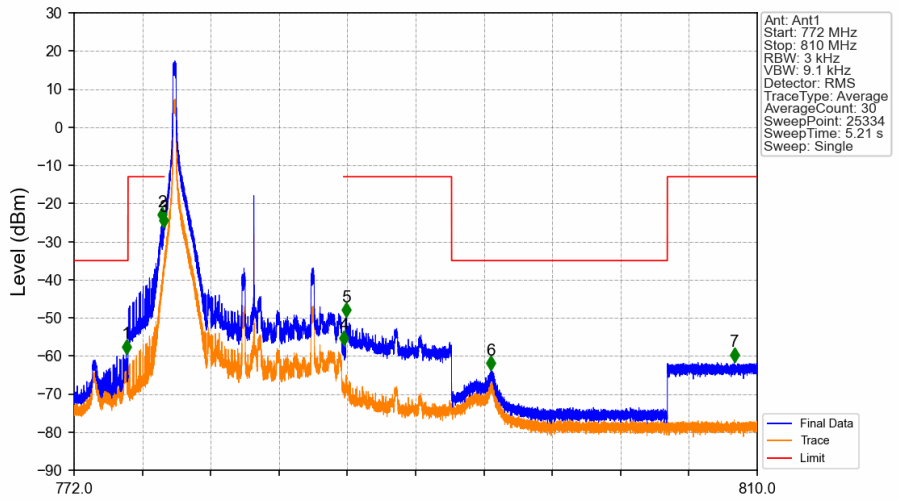
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	3.19	1	774.099	-62.74	-35	Pass
775	776.9	0.1	15.23	2	776.860	-47.95	-13	Pass
776.9	777	0.03	10	3	776.940	-56.03	-13	Pass
777	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	4	787.012	-26.18	-13	Pass
787.1	793	0.1	15.23	5	787.110	-24.86	-13	Pass
793	805	0.00625	3.19	6	794.145	-64.90	-35	Pass
805	810	0.1	15.23	7	809.946	-61.47	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



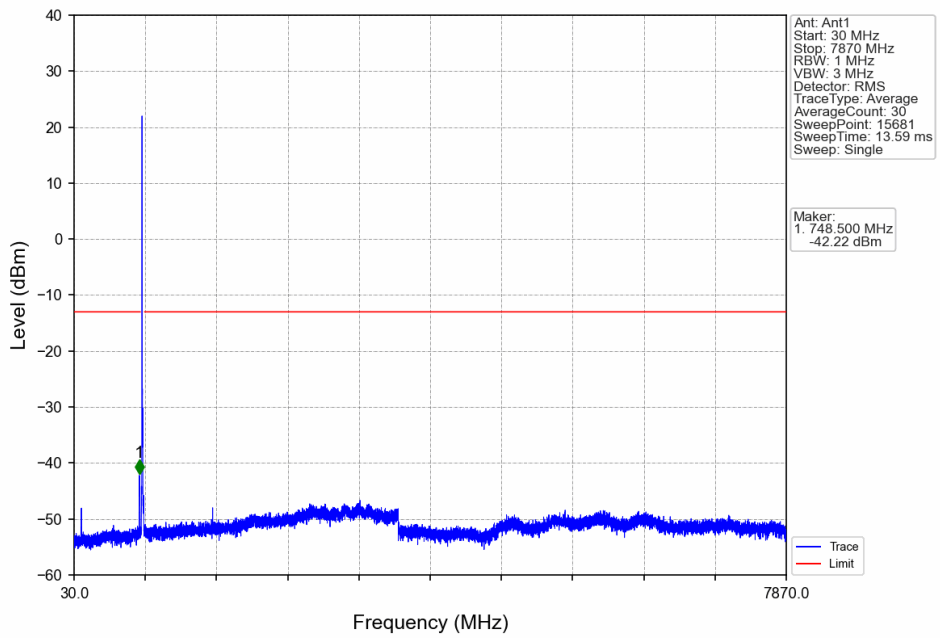
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	3.19	1	774.955	-41.29	-35	Pass
775	776.9	0.1	15.23	2	776.785	-26.58	-13	Pass
776.9	777	0.03	10	3	776.994	-32.40	-13	Pass
777	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	4	787.029	-30.24	-13	Pass
787.1	793	0.1	15.23	5	787.162	-27.44	-13	Pass
793	805	0.00625	3.19	6	793.012	-44.28	-35	Pass
805	810	0.1	15.23	7	805.347	-61.25	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

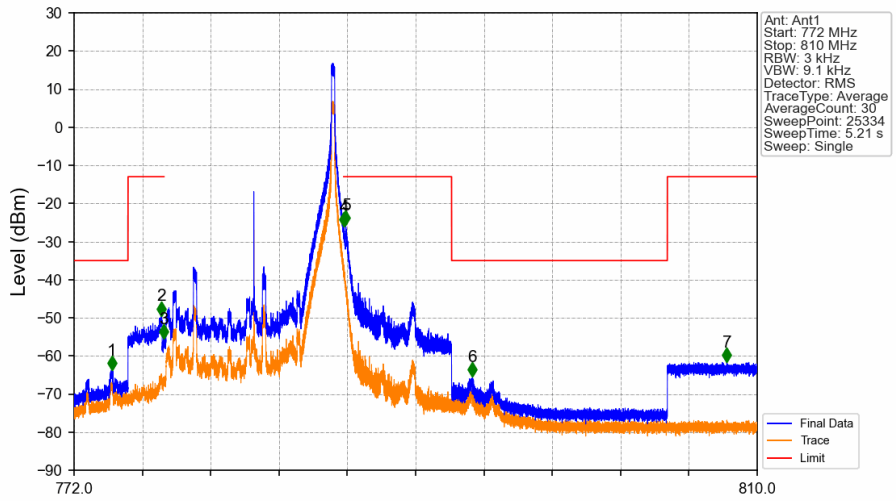


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	3.19	1	774.903	-59.41	-35	Pass
775	776.9	0.1	15.23	2	776.890	-24.81	-13	Pass
776.9	777	0.03	10	3	777.000	-26.21	-13	Pass
777	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	4	787.009	-57.12	-13	Pass
787.1	793	0.1	15.23	5	787.141	-49.76	-13	Pass
793	805	0.00625	3.19	6	795.189	-63.76	-35	Pass
805	810	0.1	15.23	7	808.720	-61.57	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

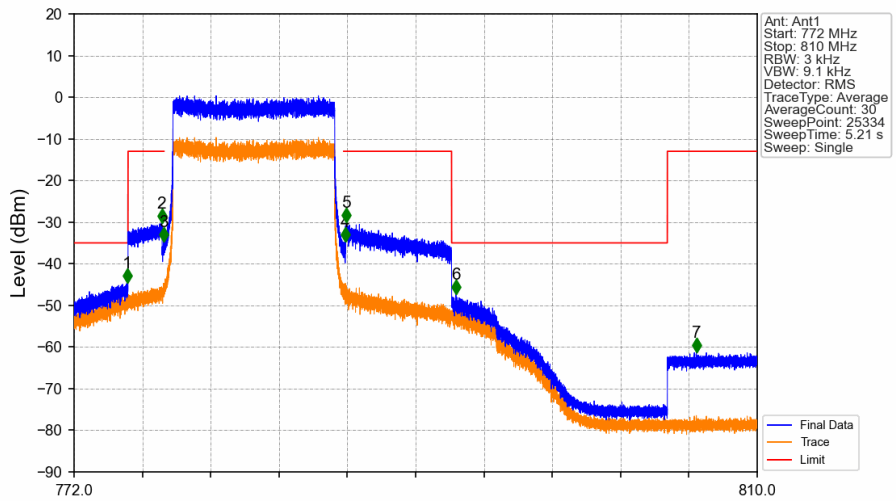


Band13_10MHz_16QAM_MCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	3.19	1	774.102	-63.75	-35	Pass
775	776.9	0.1	15.23	2	776.872	-49.47	-13	Pass
776.9	777	0.03	10	3	776.980	-55.50	-13	Pass
777	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	4	787.012	-26.18	-13	Pass
787.1	793	0.1	15.23	5	787.111	-25.65	-13	Pass
793	805	0.00625	3.19	6	794.164	-65.48	-35	Pass
805	810	0.1	15.23	7	808.308	-61.62	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	3.19	1	774.946	-44.59	-35	Pass
775	776.9	0.1	15.23	2	776.878	-30.30	-13	Pass
776.9	777	0.03	10	3	776.965	-34.73	-13	Pass
777	787	0.03	10	/	/	/	/	/
787	787.1	0.03	10	4	787.093	-34.69	-13	Pass
787.1	793	0.1	15.23	5	787.153	-30.03	-13	Pass
793	805	0.00625	3.19	6	793.243	-47.39	-35	Pass
805	810	0.1	15.23	7	806.611	-61.24	-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	0.2495	0.0046	ppm	4M56G7D	27F	23.97
13	5	779.5	784.5	0.2065	0.0071	ppm	4M56W7D	27F	23.15
13	10	782	782	0.2600	0.0030	ppm	9M07G7D	27F	24.15
13	10	782	782	0.2099	0.0044	ppm	9M04W7D	27F	23.22

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	0.1750	0.0046	ppm	4M56G7D	27F	22.43
13	5	779.5	784.5	0.1449	0.0071	ppm	4M56W7D	27F	21.61
13	10	782	782	0.1824	0.0030	ppm	9M07G7D	27F	22.61
13	10	782	782	0.1472	0.0044	ppm	9M04W7D	27F	21.68