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	21.87	0.41	20.13	<=34.77	Pass
			13	22.01	0.41	20.27	<=34.77	Pass
			24	21.86	0.41	20.12	<=34.77	Pass
		12	0	20.88	0.41	19.14	<=34.77	Pass
			6	20.98	0.41	19.24	<=34.77	Pass
			13	20.93	0.41	19.19	<=34.77	Pass
		25	0	20.92	0.41	19.18	<=34.77	Pass
	782	1	0	21.90	0.41	20.16	<=34.77	Pass
			13	21.94	0.41	20.20	<=34.77	Pass
			24	21.84	0.41	20.10	<=34.77	Pass
		12	0	20.90	0.41	19.16	<=34.77	Pass
			6	20.93	0.41	19.19	<=34.77	Pass
			13	20.85	0.41	19.11	<=34.77	Pass
		25	0	20.86	0.41	19.12	<=34.77	Pass
	784.5	1	0	21.86	0.41	20.12	<=34.77	Pass
			13	21.96	0.41	20.22	<=34.77	Pass
			24	21.82	0.41	20.08	<=34.77	Pass
		12	0	20.85	0.41	19.11	<=34.77	Pass
			6	20.95	0.41	19.21	<=34.77	Pass
			13	20.80	0.41	19.06	<=34.77	Pass
		25	0	20.88	0.41	19.14	<=34.77	Pass
16QAM	779.5	1	0	20.68	0.41	18.94	<=34.77	Pass
			13	20.82	0.41	19.08	<=34.77	Pass
			24	20.74	0.41	19.00	<=34.77	Pass
		12	0	19.85	0.41	18.11	<=34.77	Pass
			6	19.97	0.41	18.23	<=34.77	Pass
			13	19.92	0.41	18.18	<=34.77	Pass
		25	0	19.94	0.41	18.20	<=34.77	Pass
	782	1	0	20.95	0.41	19.21	<=34.77	Pass
			13	21.02	0.41	19.28	<=34.77	Pass
			24	20.92	0.41	19.18	<=34.77	Pass
		12	0	19.86	0.41	18.12	<=34.77	Pass
			6	19.92	0.41	18.18	<=34.77	Pass
			13	19.83	0.41	18.09	<=34.77	Pass
		25	0	19.88	0.41	18.14	<=34.77	Pass
	784.5	1	0	21.06	0.41	19.32	<=34.77	Pass
			13	21.22	0.41	19.48	<=34.77	Pass
			24	21.05	0.41	19.31	<=34.77	Pass
		12	0	19.92	0.41	18.18	<=34.77	Pass
			6	20.02	0.41	18.28	<=34.77	Pass
			13	19.91	0.41	18.17	<=34.77	Pass
		25	0	19.89	0.41	18.15	<=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	21.92	0.41	20.18	<=34.77	Pass
			25	22.06	0.41	20.32	<=34.77	Pass
			49	21.90	0.41	20.16	<=34.77	Pass
		25	0	20.95	0.41	19.21	<=34.77	Pass
			13	21.02	0.41	19.28	<=34.77	Pass
			25	20.95	0.41	19.21	<=34.77	Pass
		50	0	20.98	0.41	19.24	<=34.77	Pass
16QAM	782	1	0	21.47	0.41	19.73	<=34.77	Pass
			25	21.69	0.41	19.95	<=34.77	Pass
			49	21.47	0.41	19.73	<=34.77	Pass
		25	0	19.98	0.41	18.24	<=34.77	Pass
			13	20.06	0.41	18.32	<=34.77	Pass
			25	19.99	0.41	18.25	<=34.77	Pass
		50	0	19.96	0.41	18.22	<=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	2.360	0.0030	-2.5 to 2.5	Pass
					3.85	4.306	0.0055	-2.5 to 2.5	Pass
					4.43	0.587	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-9.513	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-8.154	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-4.950	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-7.296	-0.0094	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-8.998	-0.0115	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
					4.43	-8.440	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-6.309	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-7.753	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-4.778	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-5.865	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0053	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-9.613	-0.0123	-2.5 to 2.5	Pass
					3.85	-9.270	-0.0118	-2.5 to 2.5	Pass

					4.43	-5.994	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-5.622	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-7.453	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-7.725	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-11.673	-0.0149	-2.5 to 2.5	Pass
				30	3.85	-8.211	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-10.343	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0034	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-2.532	-0.0032	-2.5 to 2.5	Pass
					3.85	-10.128	-0.0130	-2.5 to 2.5	Pass
					4.43	-7.811	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-5.693	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-8.283	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-8.712	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-8.626	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-3.190	-0.0041	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-5.193	-0.0066	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0053	-2.5 to 2.5	Pass
					4.43	-4.005	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.389	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-4.463	-0.0057	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-6.008	-0.0077	-2.5 to 2.5	Pass
					3.85	-9.155	-0.0117	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-2.975	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-9.384	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-1.888	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-6.509	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-5.550	-0.0071	-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	-11.873	-0.0152	-2.5 to 2.5	Pass
					3.85	-6.695	-0.0086	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-7.939	-0.0102	-2.5 to 2.5	Pass

				-10	3.85	-6.709	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-8.054	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-10.099	-0.0129	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-7.539	-0.0096	-2.5 to 2.5	Pass
					3.85	-15.621	-0.0200	-2.5 to 2.5	Pass
					4.43	-5.836	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-4.334	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-7.482	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-7.496	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-8.626	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-7.539	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0068	-2.5 to 2.5	Pass

3. Modulation Characteristics

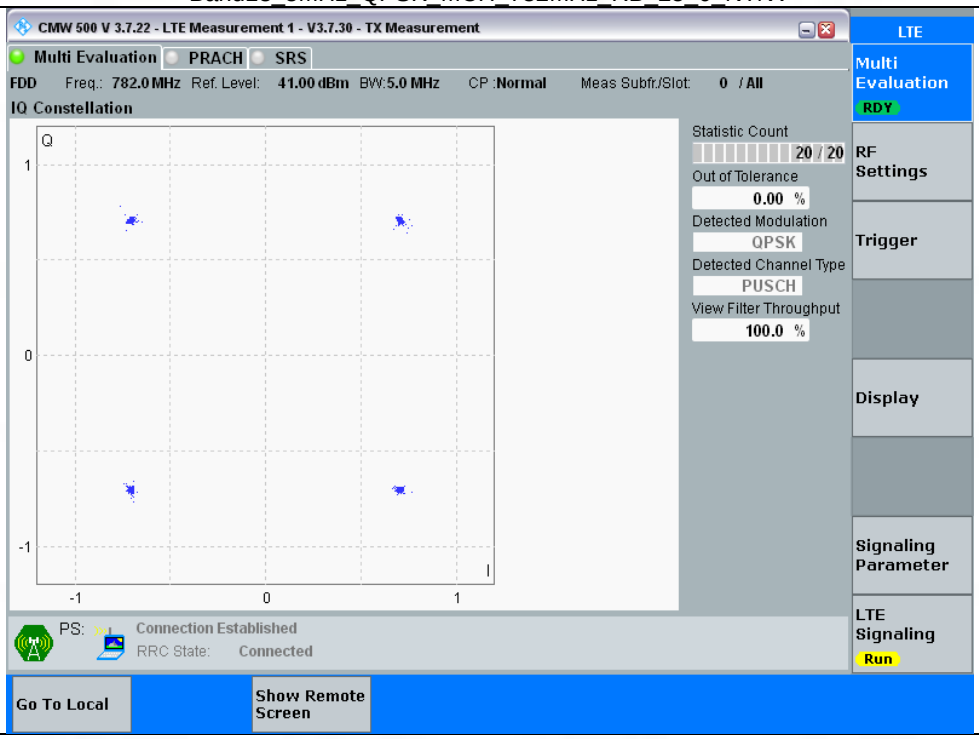
3.1 B13_5MHz

3.1.1 Test Result

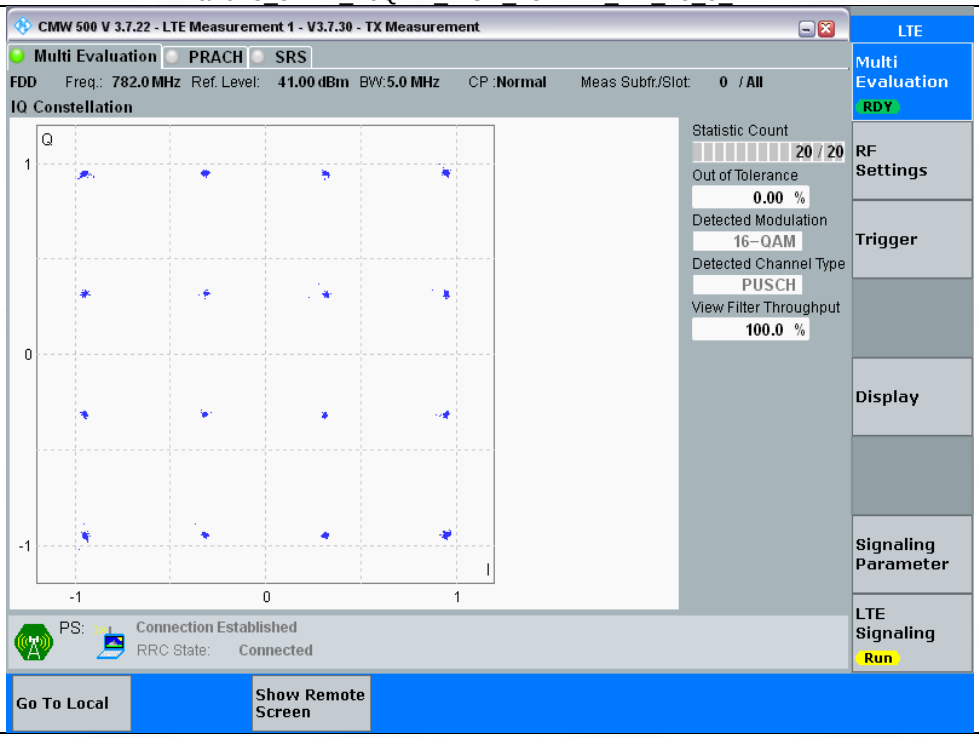
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



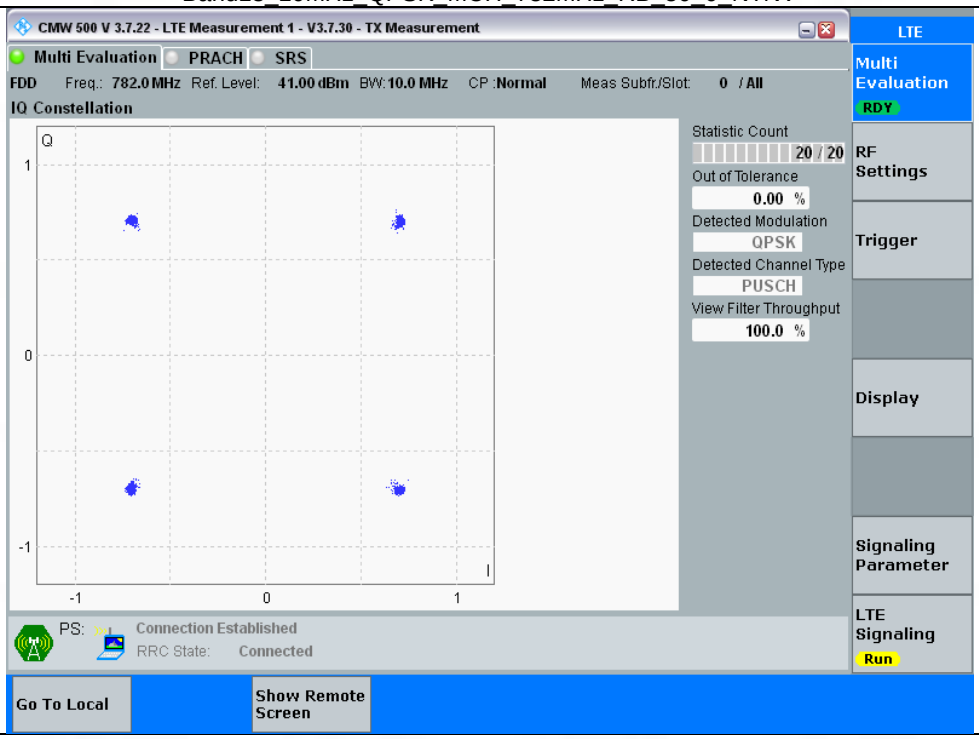
3.2 B13_10MHz

3.2.1 Test Result

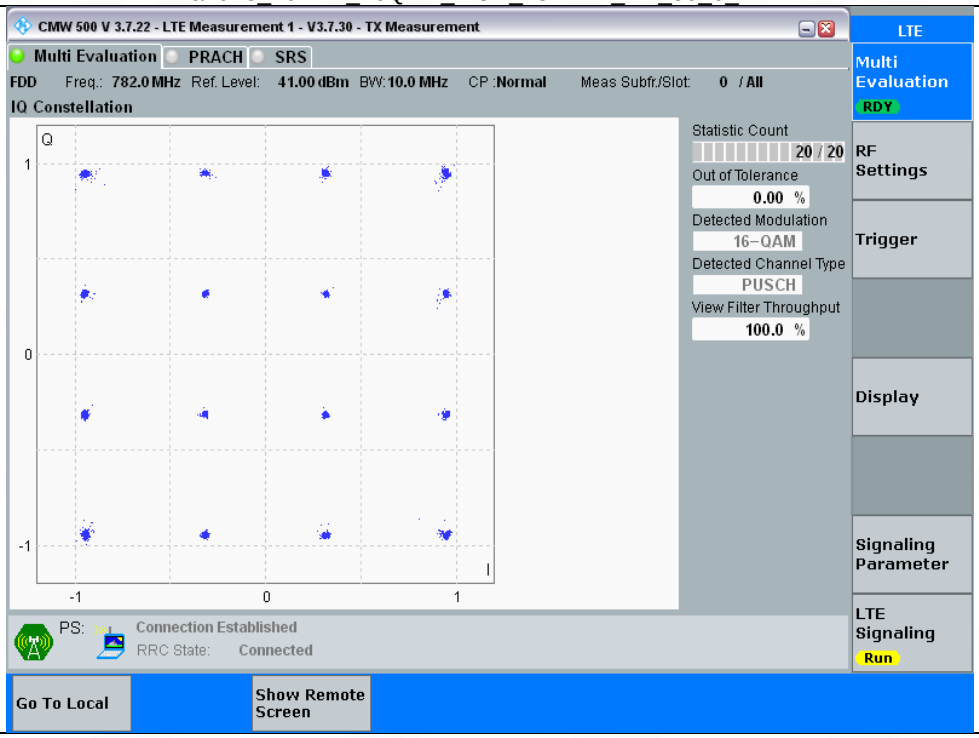
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

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

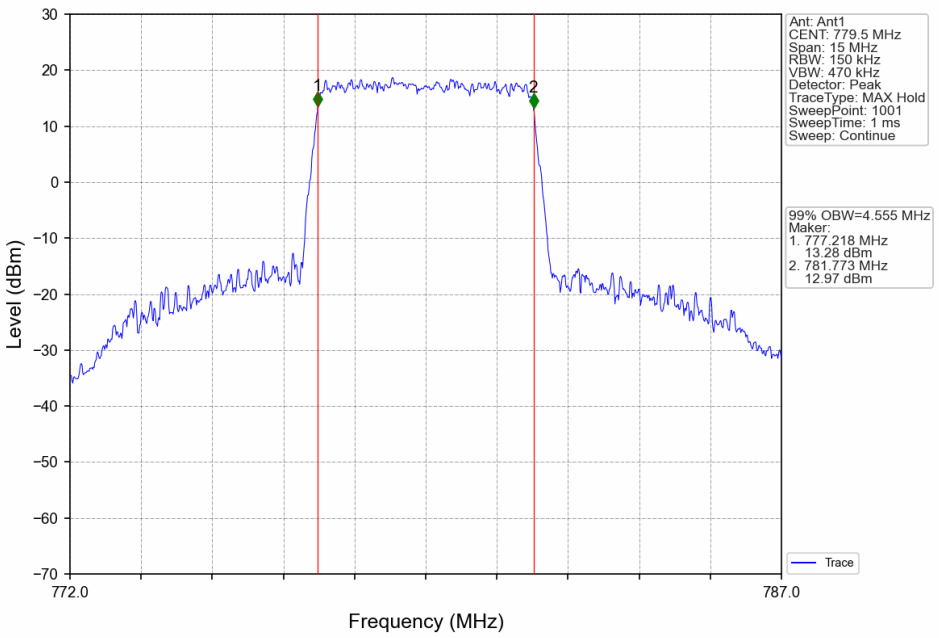
4.1 Band13_OBW

4.1.1 Test Result

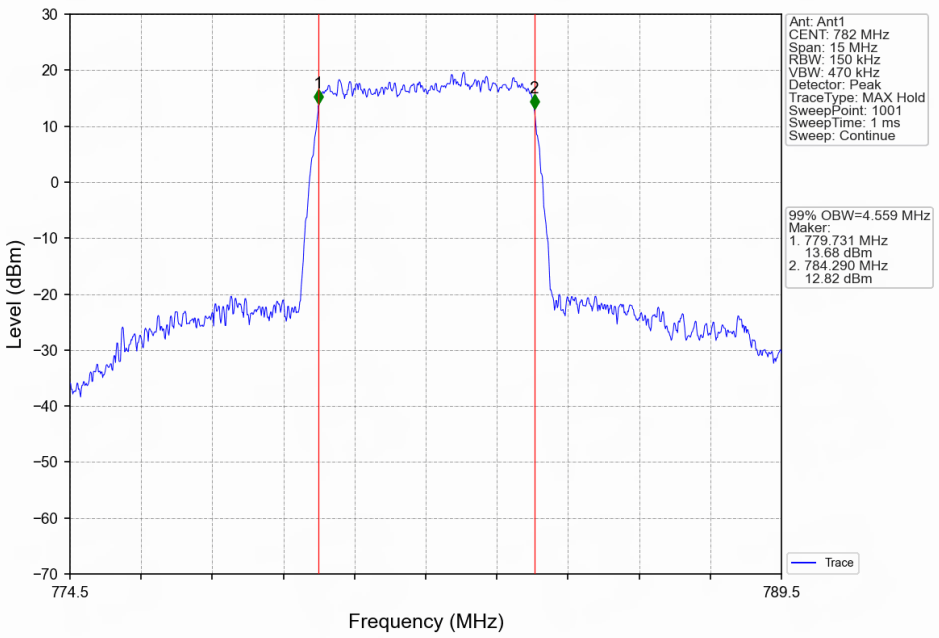
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.555	/	Pass
		782	25	0	4.559	/	Pass
		784.5	25	0	4.531	/	Pass
	16QAM	779.5	25	0	4.581	/	Pass
		782	25	0	4.545	/	Pass
		784.5	25	0	4.553	/	Pass
10	QPSK	782	50	0	9.070	/	Pass
	16QAM	782	50	0	9.093	/	Pass

4.1.2 Test Graph

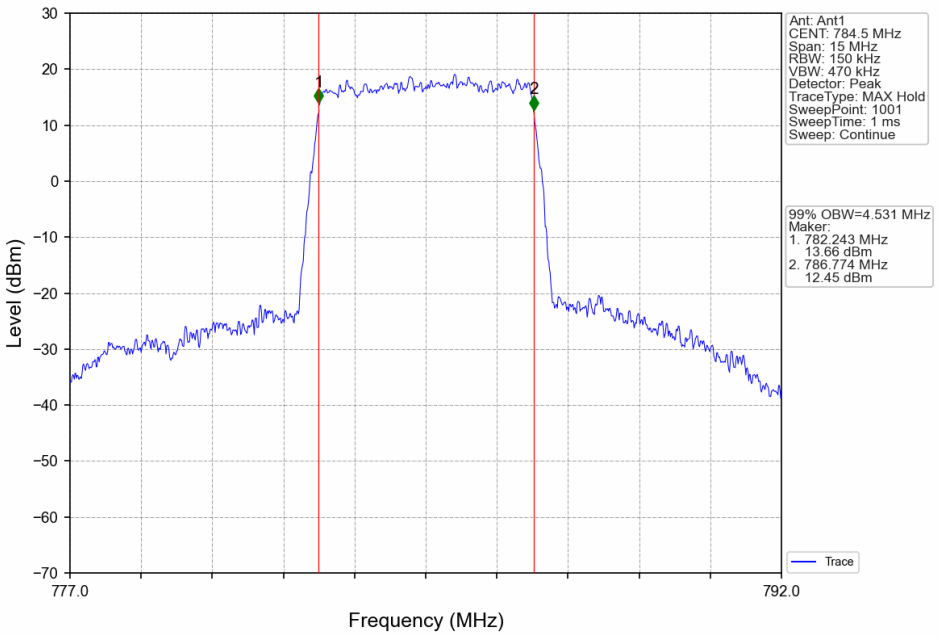
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



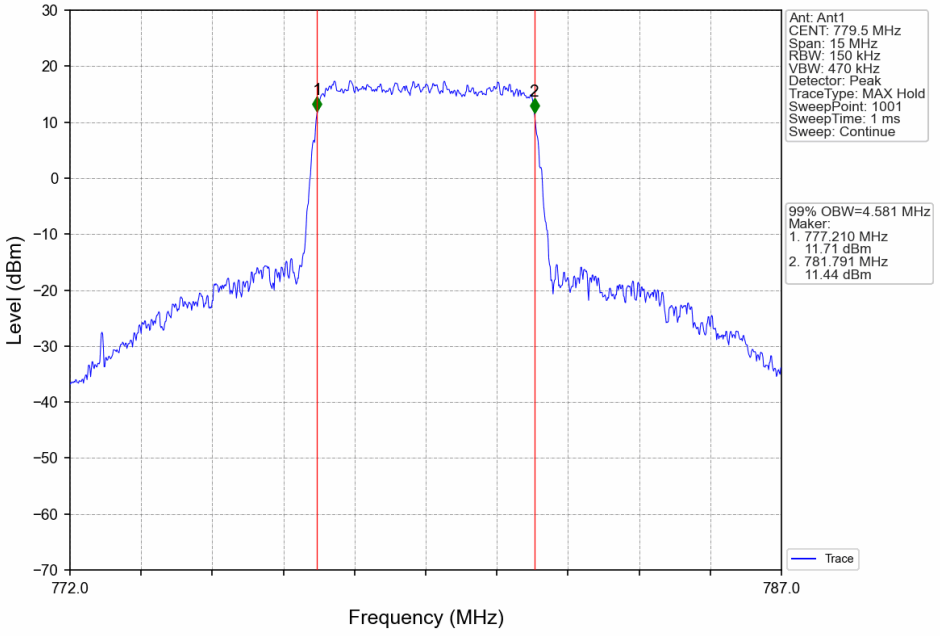
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



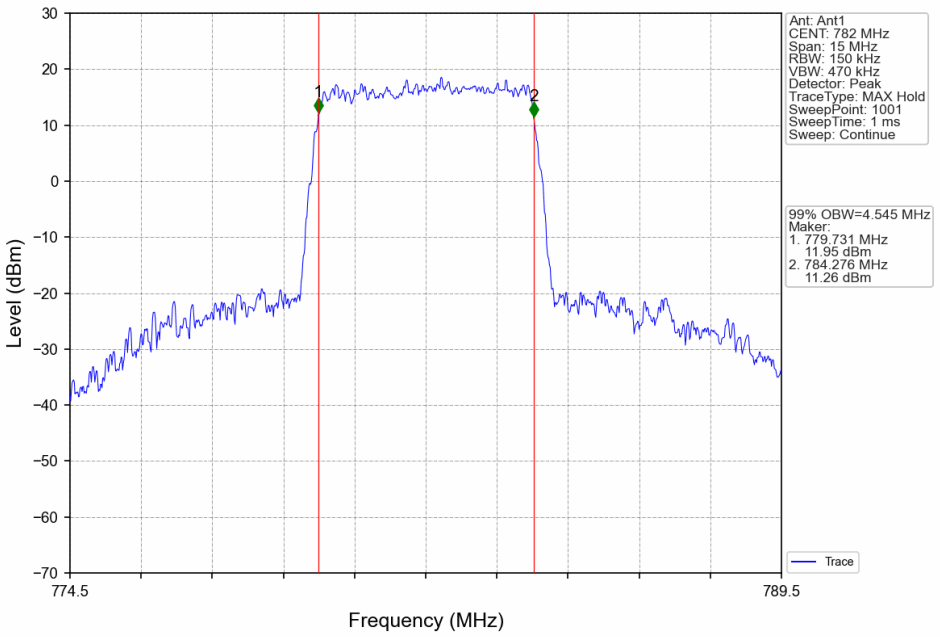
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



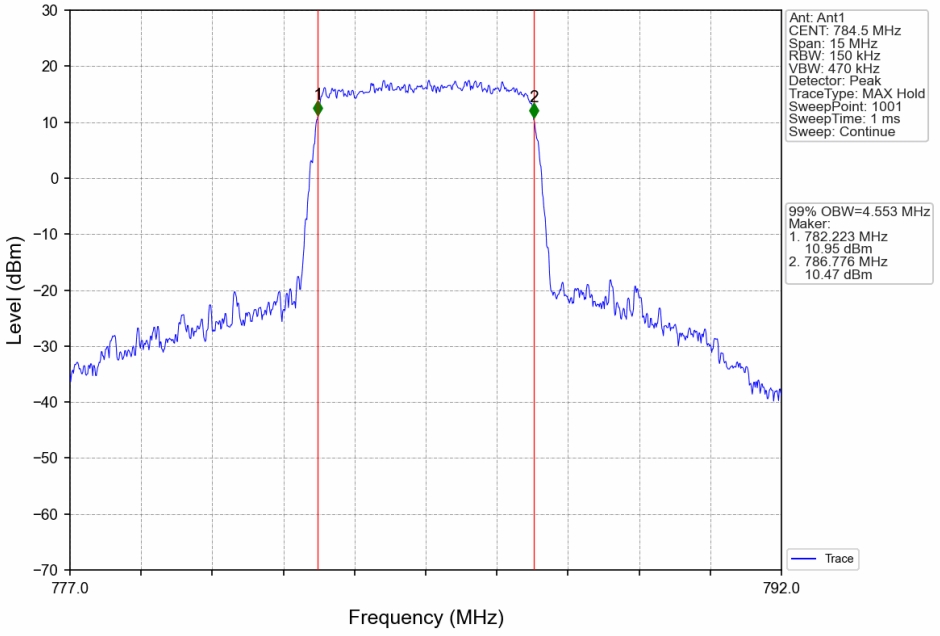
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



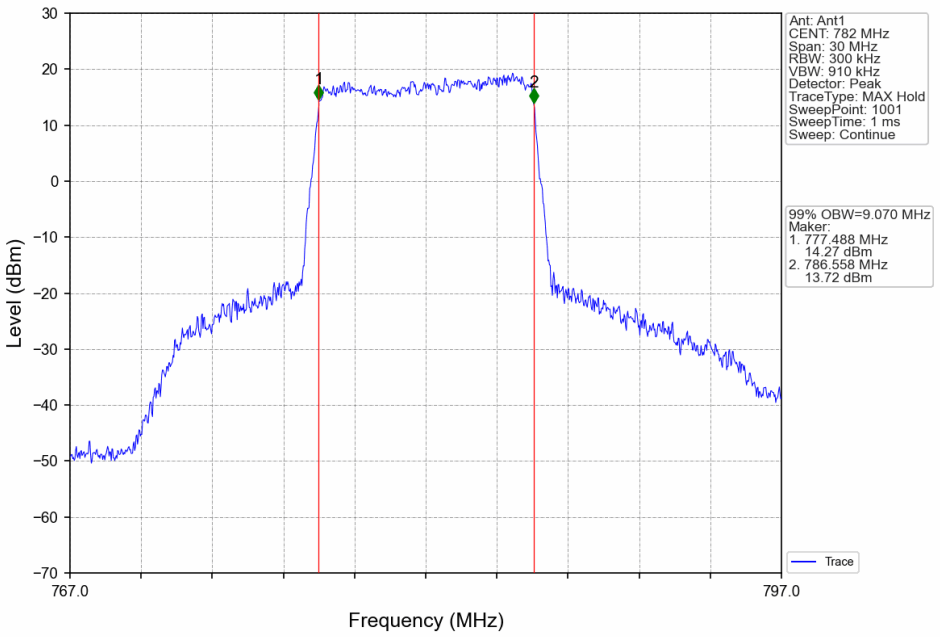
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



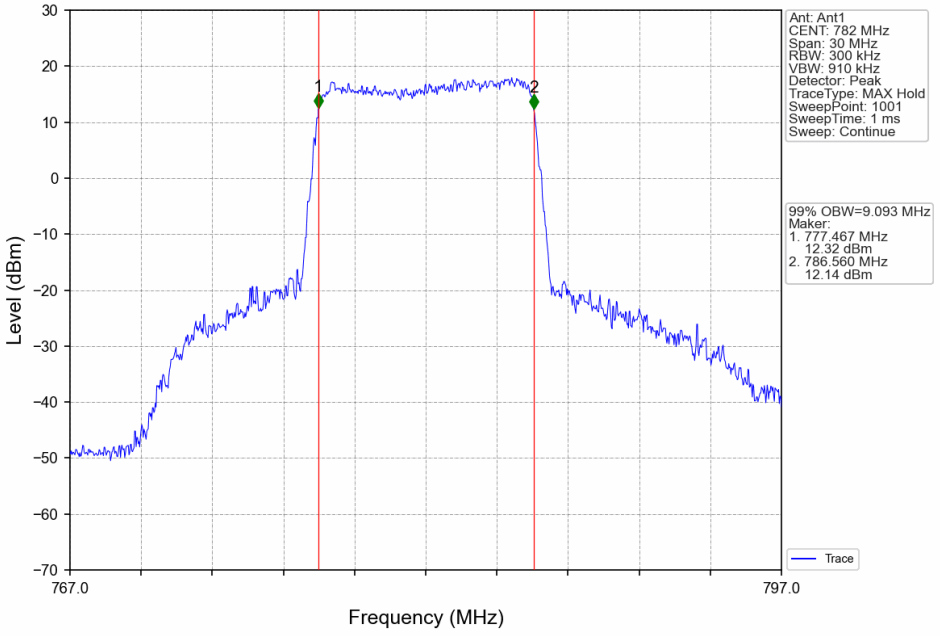
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



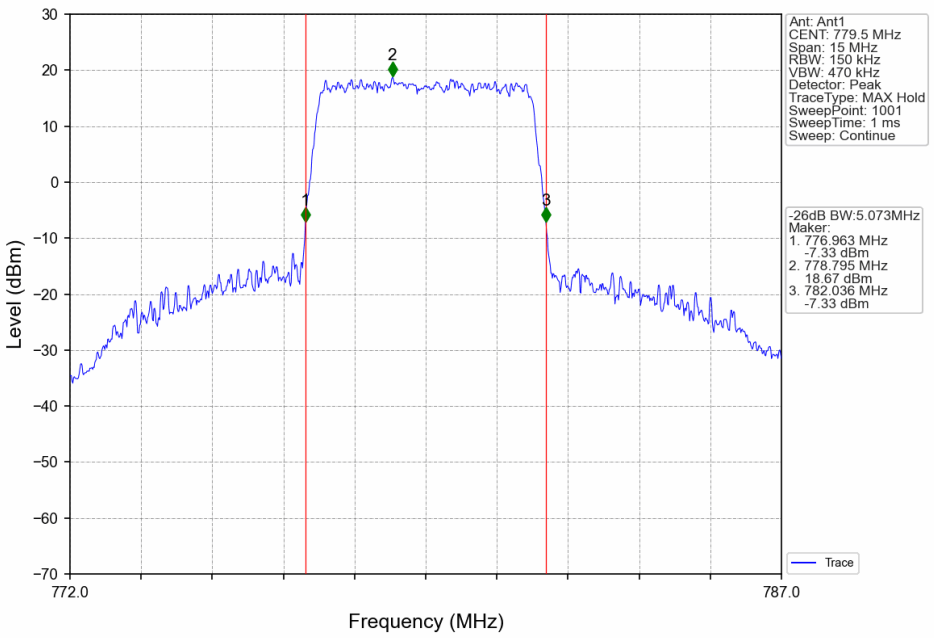
4.2 Band13_XDB

4.2.1 Test Result

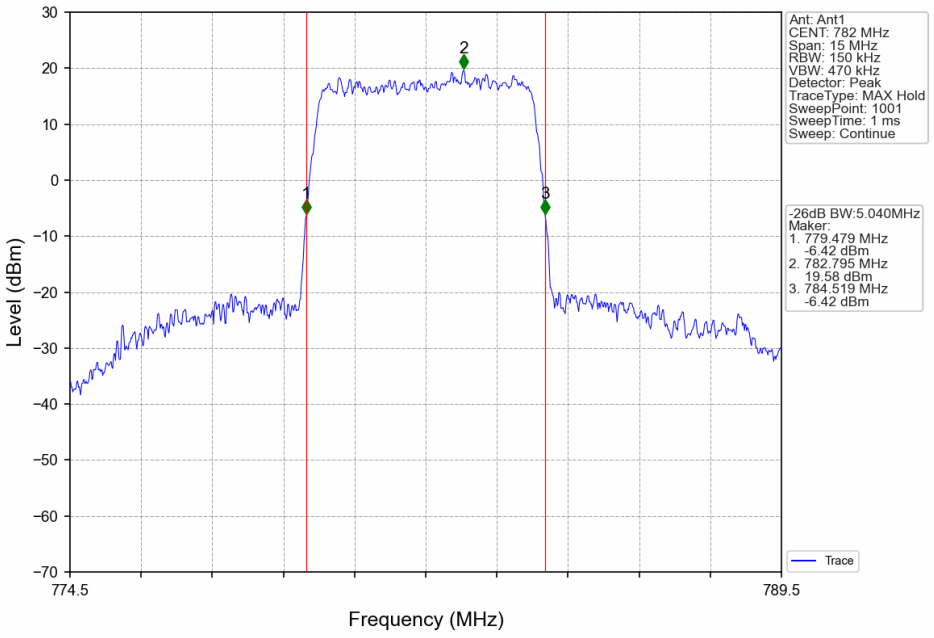
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.073	/	Pass
		782	25	0	5.040	/	Pass
		784.5	25	0	5.036	/	Pass
	16QAM	779.5	25	0	5.064	/	Pass
		782	25	0	5.060	/	Pass
		784.5	25	0	5.076	/	Pass
10	QPSK	782	50	0	10.054	/	Pass
	16QAM	782	50	0	10.056	/	Pass

4.2.2 Test Graph

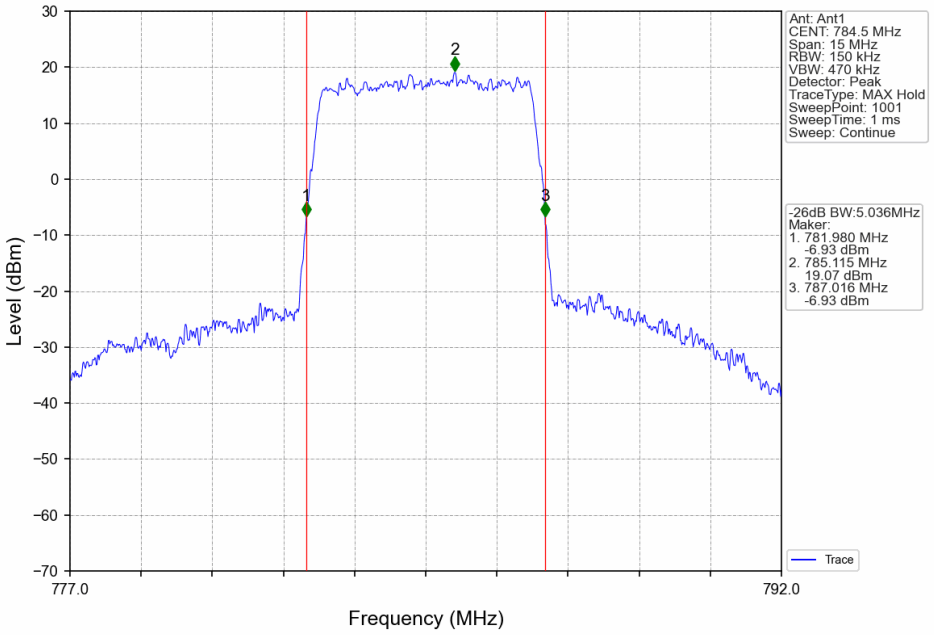
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



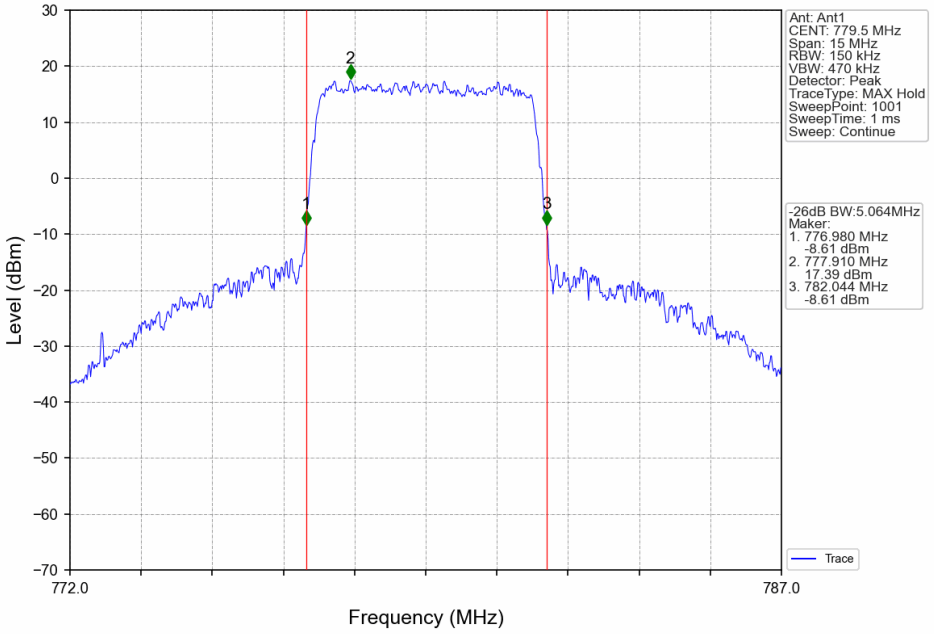
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



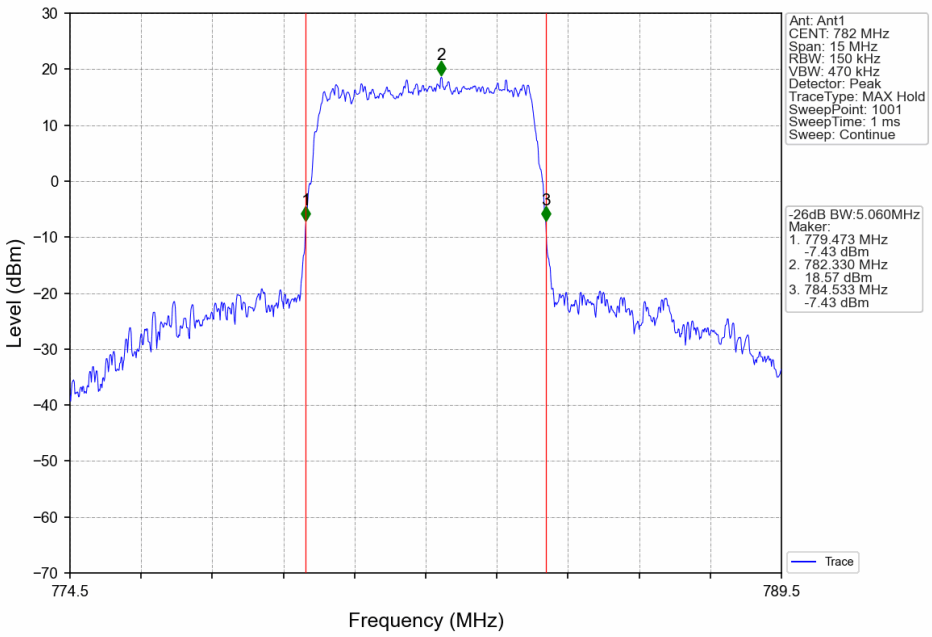
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



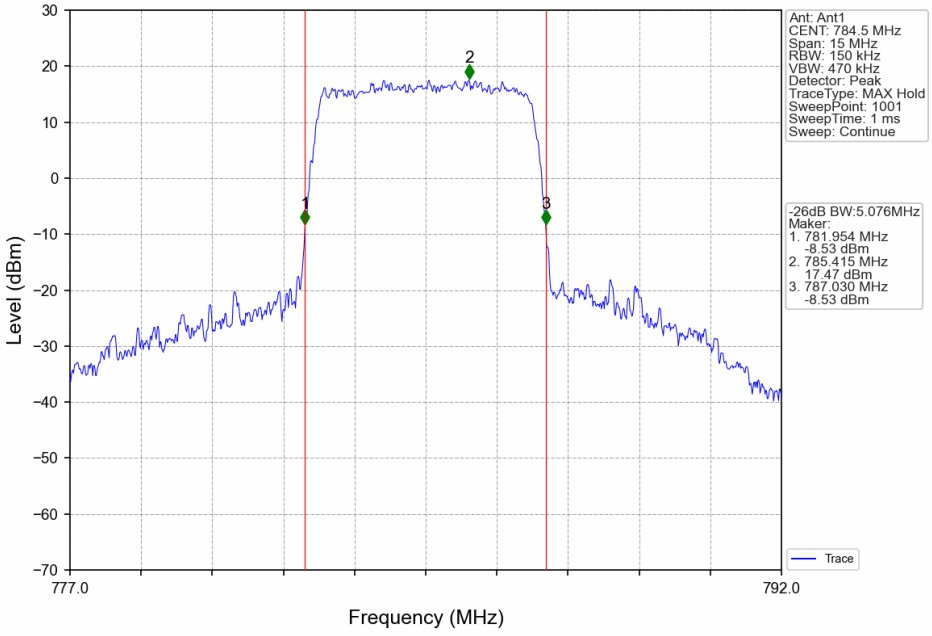
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



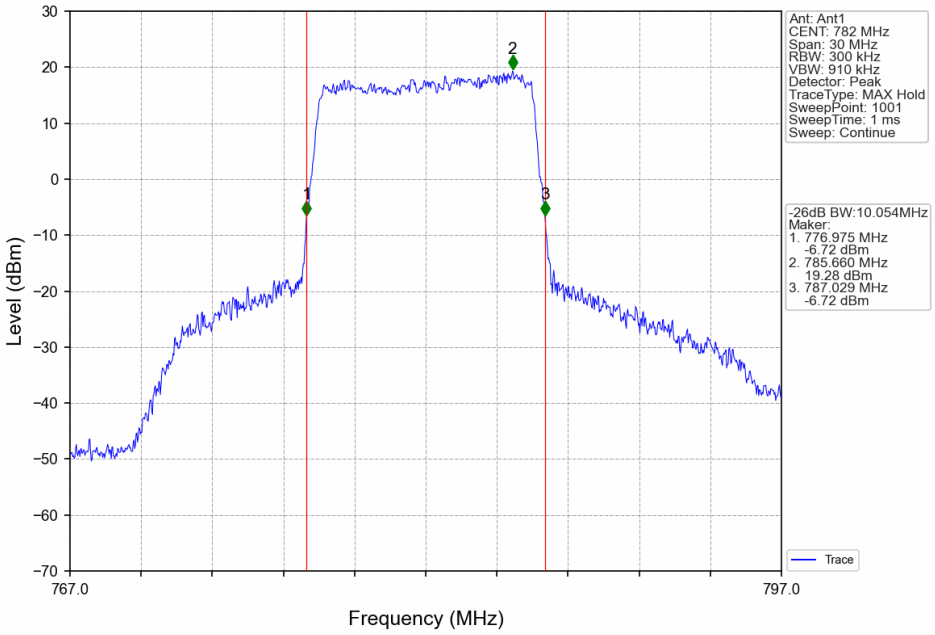
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



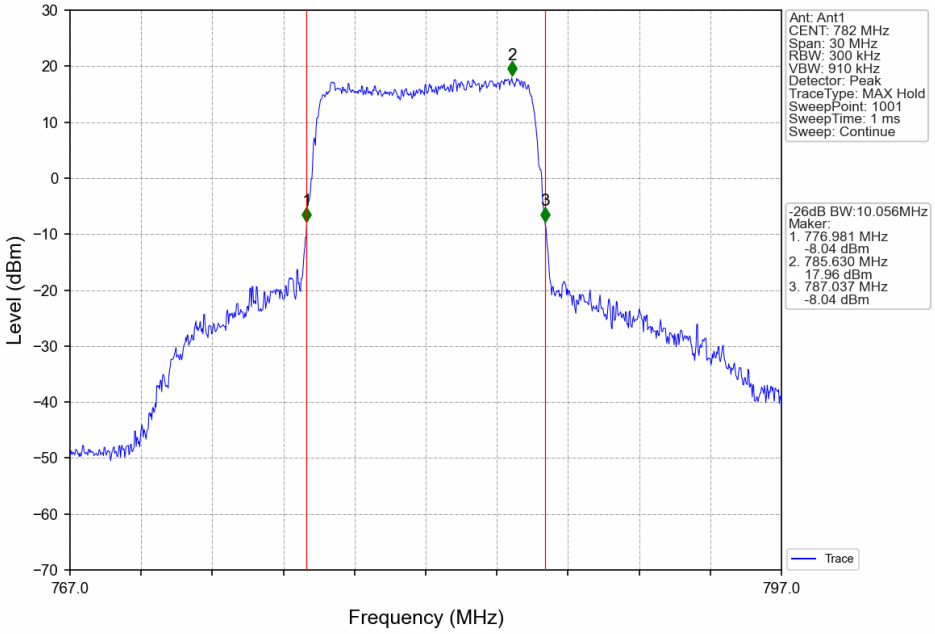
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



5. Peak-Average Ratio

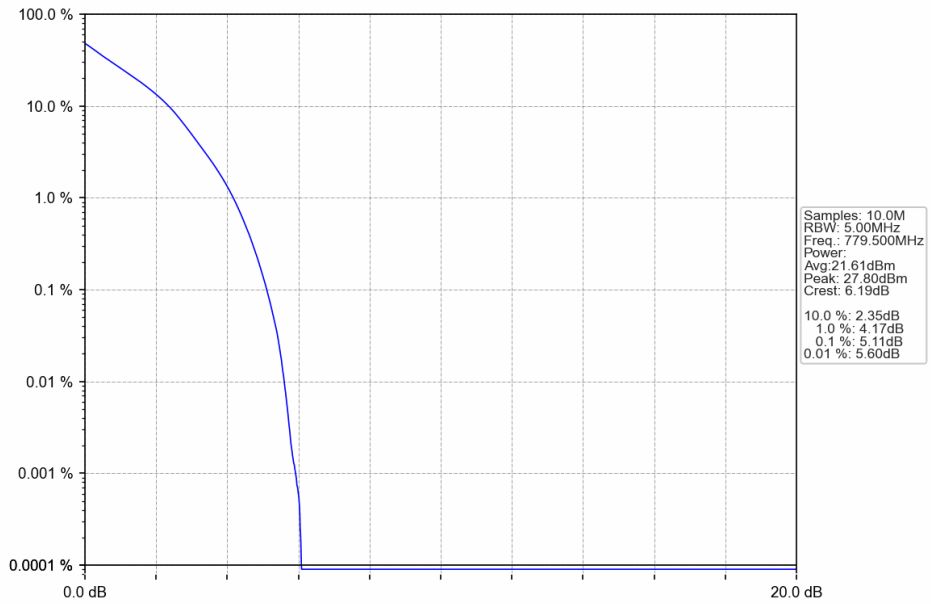
5.1 B13_5MHz

5.1.1 Test Result

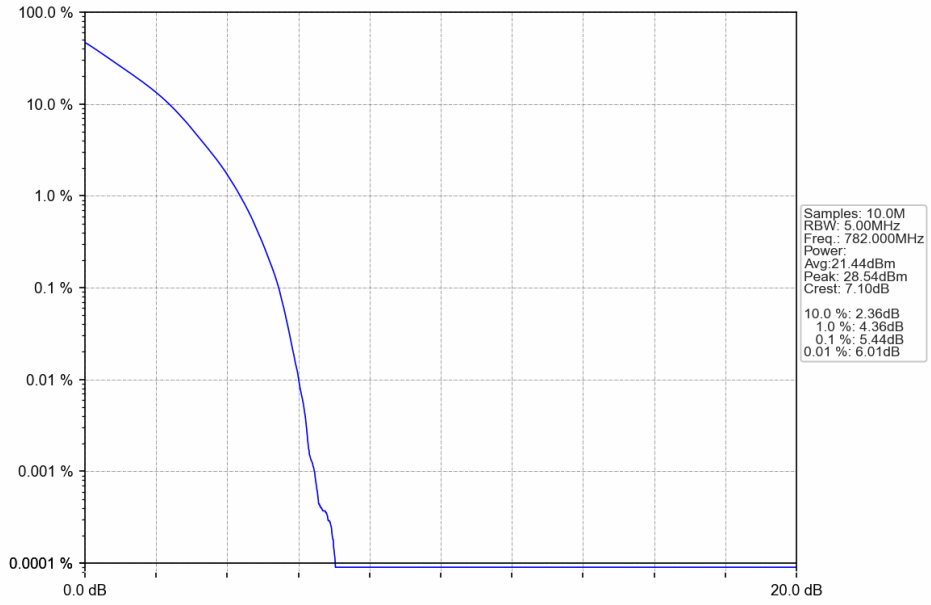
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.11	<=13	Pass
	782	25	0	5.44	<=13	Pass
	784.5	25	0	5.30	<=13	Pass
16QAM	779.5	25	0	5.86	<=13	Pass
	782	25	0	6.18	<=13	Pass
	784.5	25	0	5.99	<=13	Pass

5.1.2 Test Graph

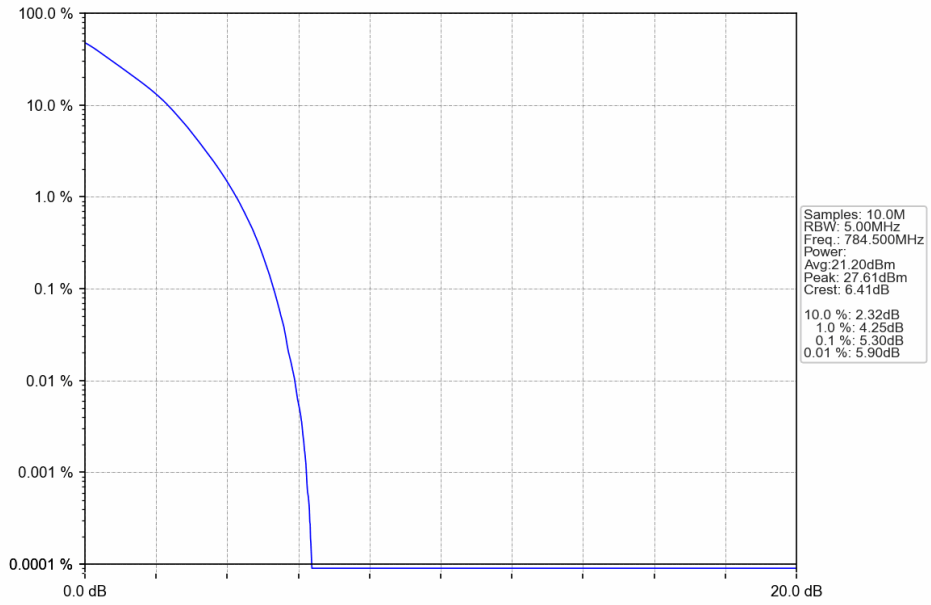
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



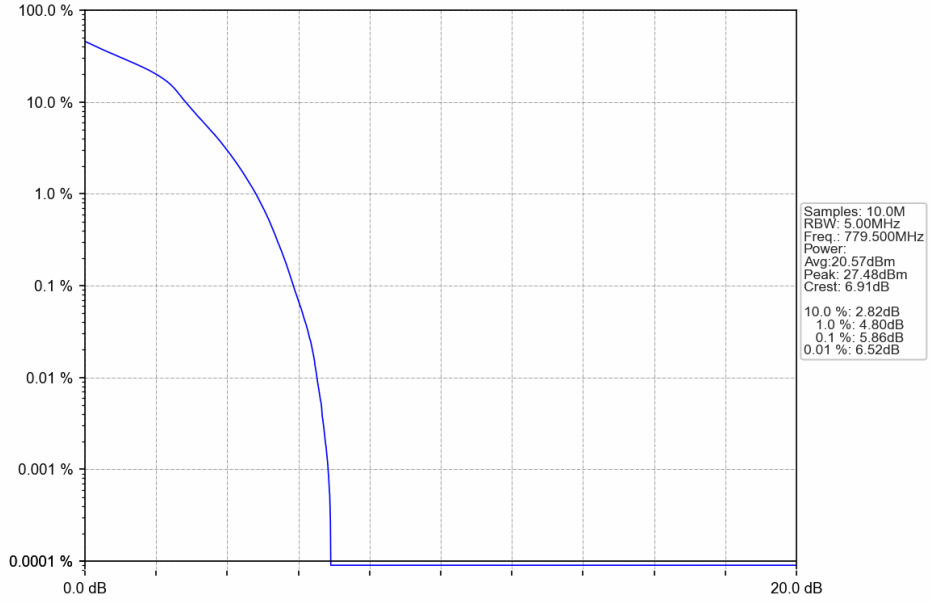
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



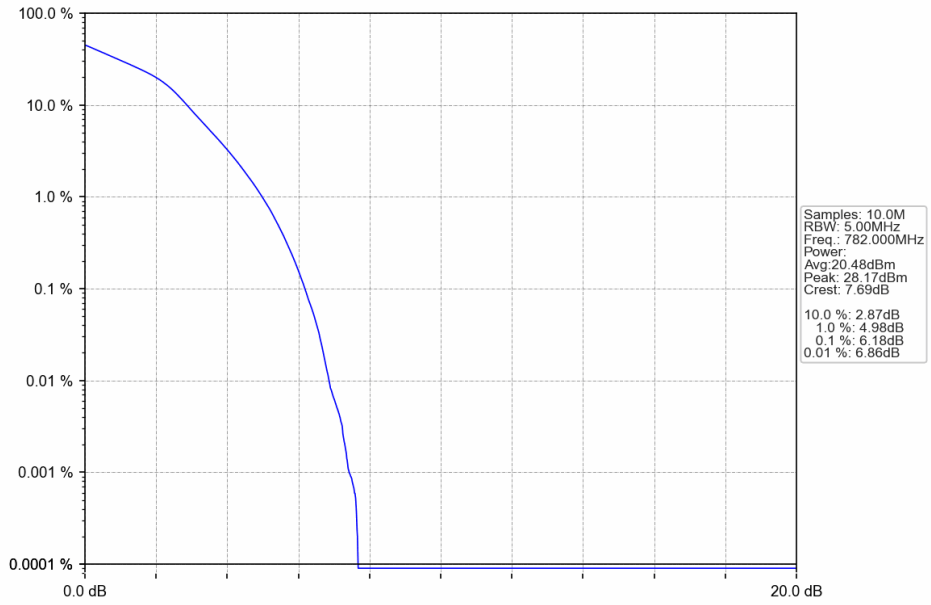
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



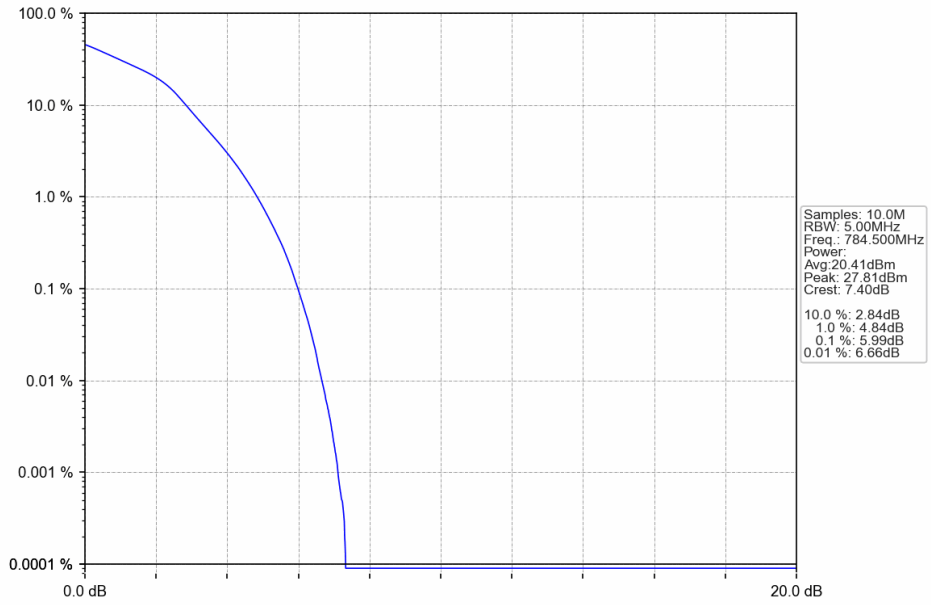
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



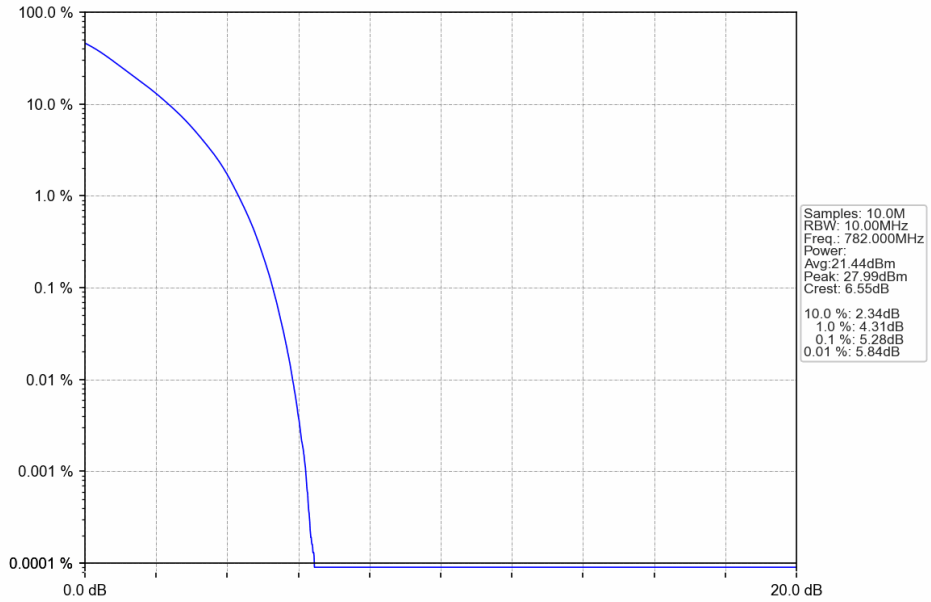
5.2 B13_10MHz

5.2.1 Test Result

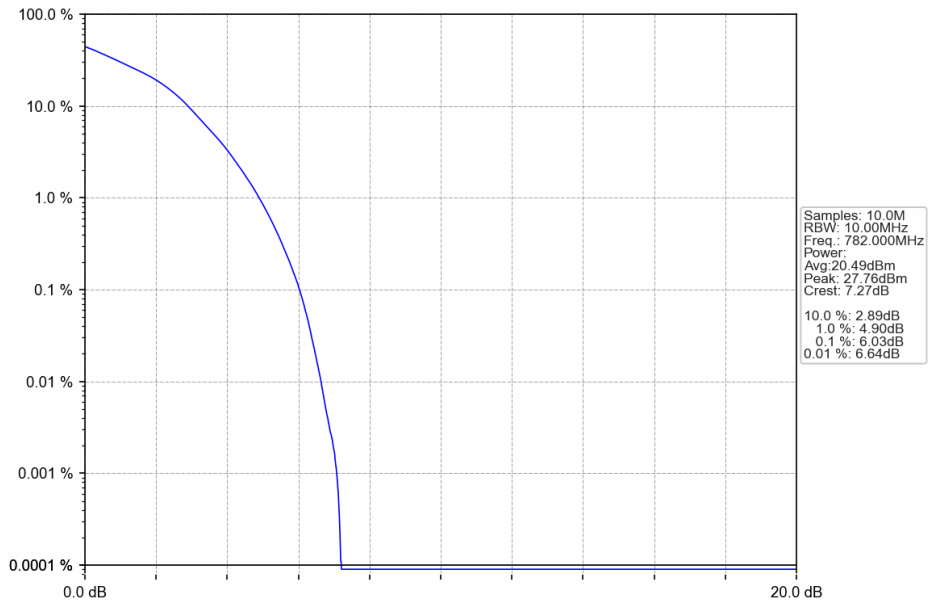
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.28	<=13	Pass
16QAM	782	50	0	6.03	<=13	Pass

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

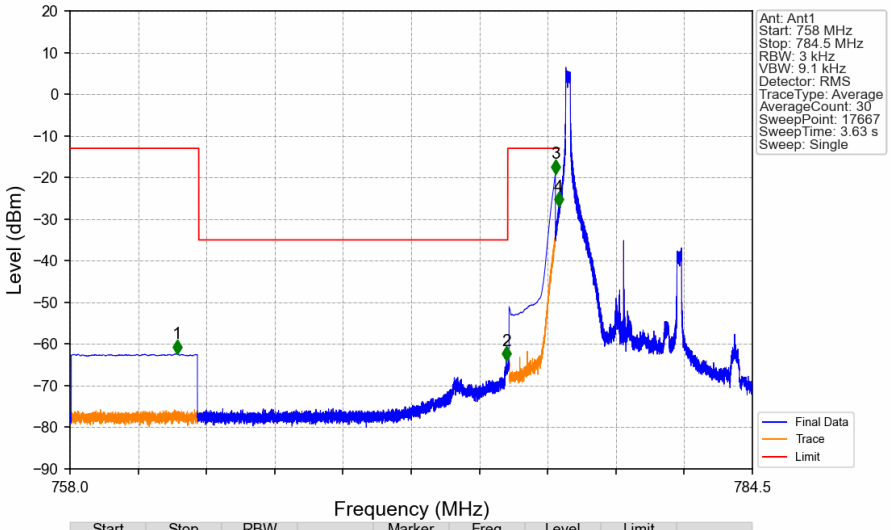
6.1 B13_5MHz

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

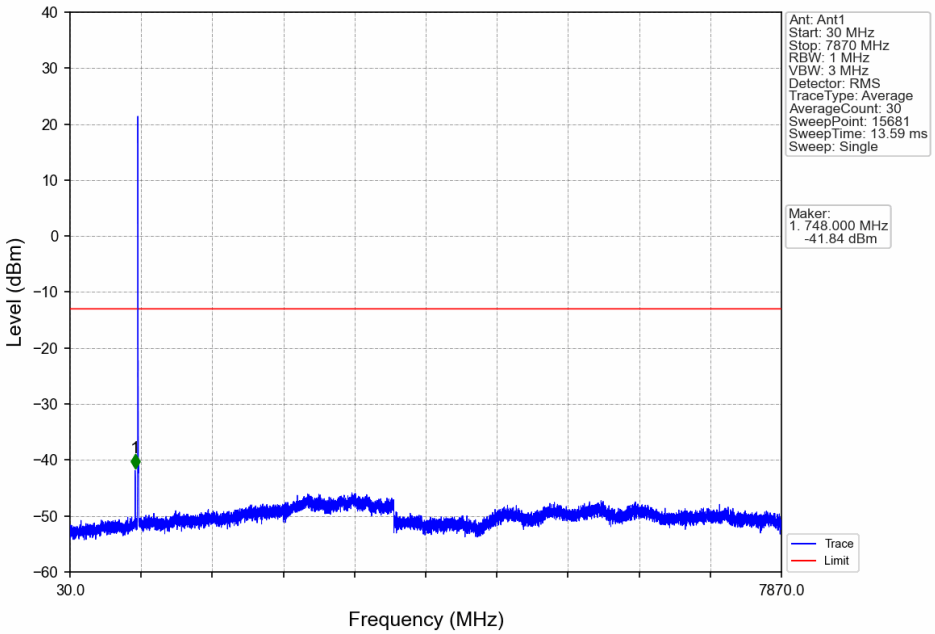
6.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

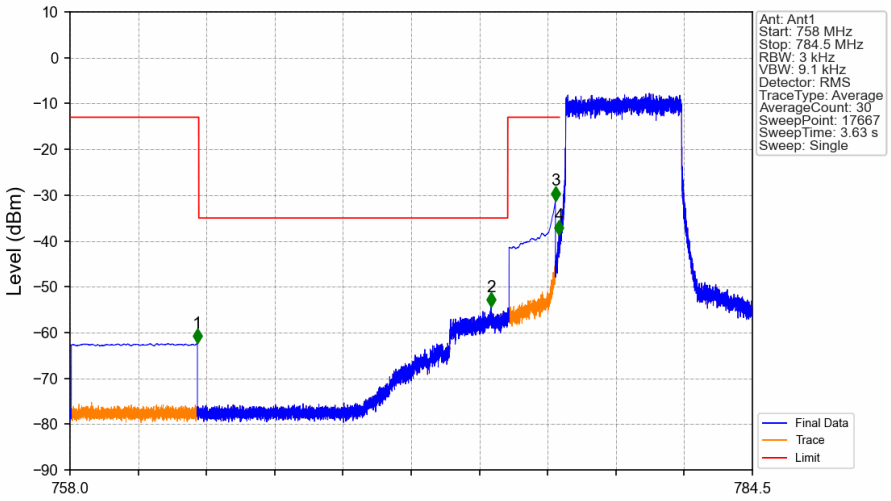


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.164	-62.35	-13	Pass
763	775	0.00625	/	2	774.940	-64.09	-35	Pass
775	776.9	0.1	CHP	3	776.850	-19.10	-13	Pass
776.9	777	0.03	/	4	776.974	-26.95	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

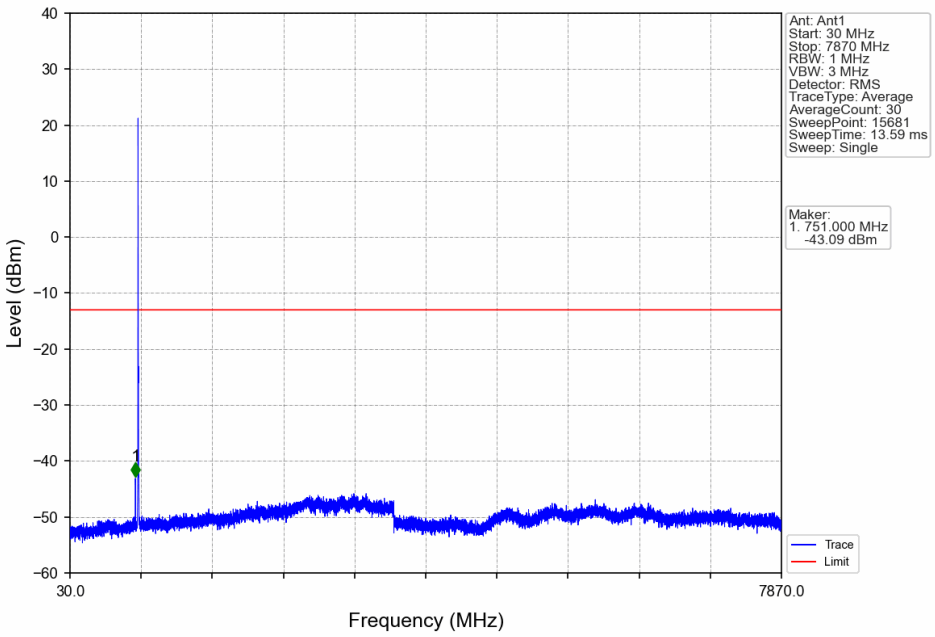


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

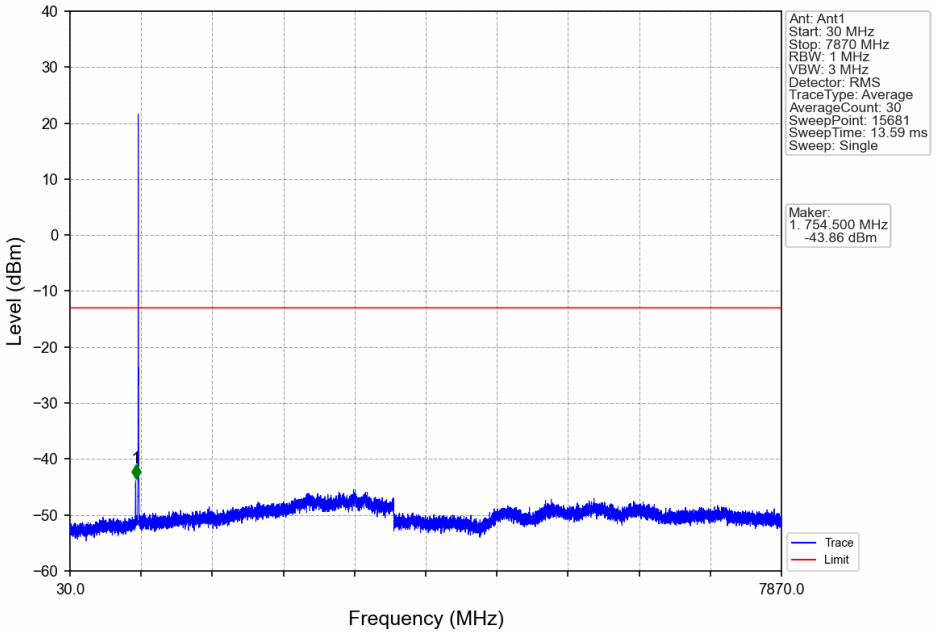


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.944	-62.33	-13	Pass
763	775	0.00625	/	2	774.349	-54.36	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.19	-13	Pass
776.9	777	0.03	/	4	776.989	-38.72	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

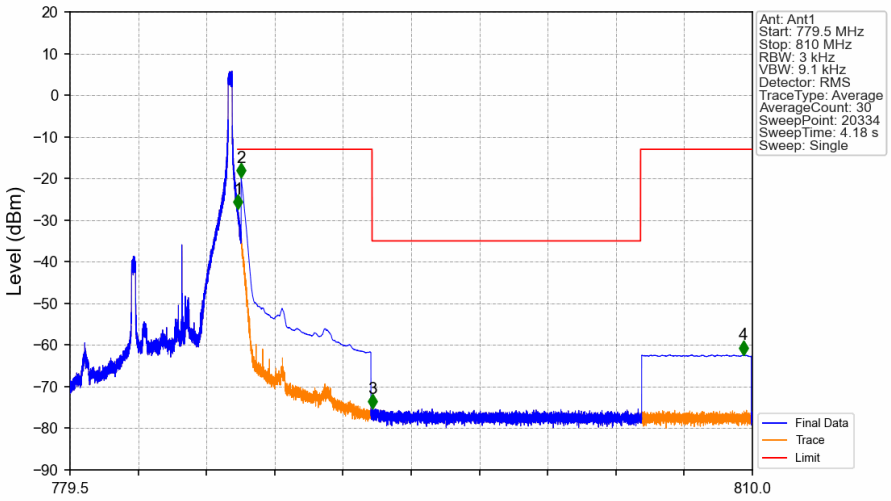
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

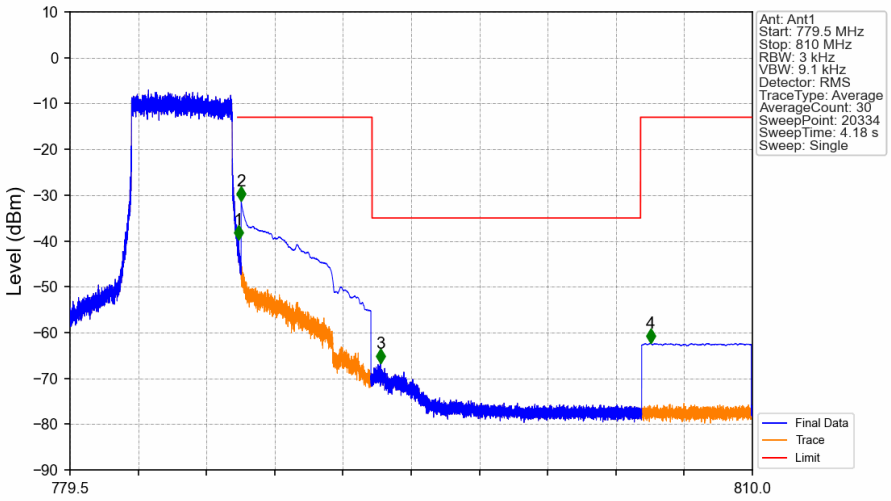


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



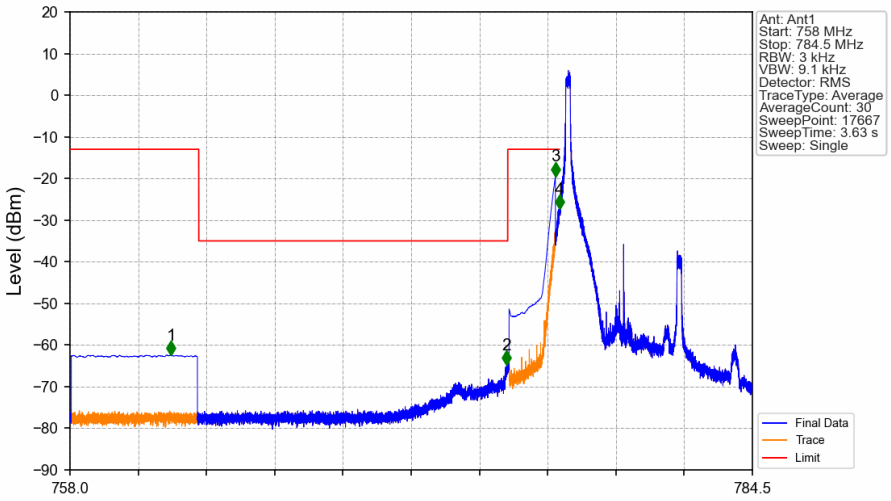
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.002	-27.37	-13	Pass
787.1	793	0.1	CHP	2	787.150	-19.78	-13	Pass
793	805	0.00625	/	3	793.029	-75.25	-35	Pass
805	810	0.1	CHP	4	809.589	-62.36	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



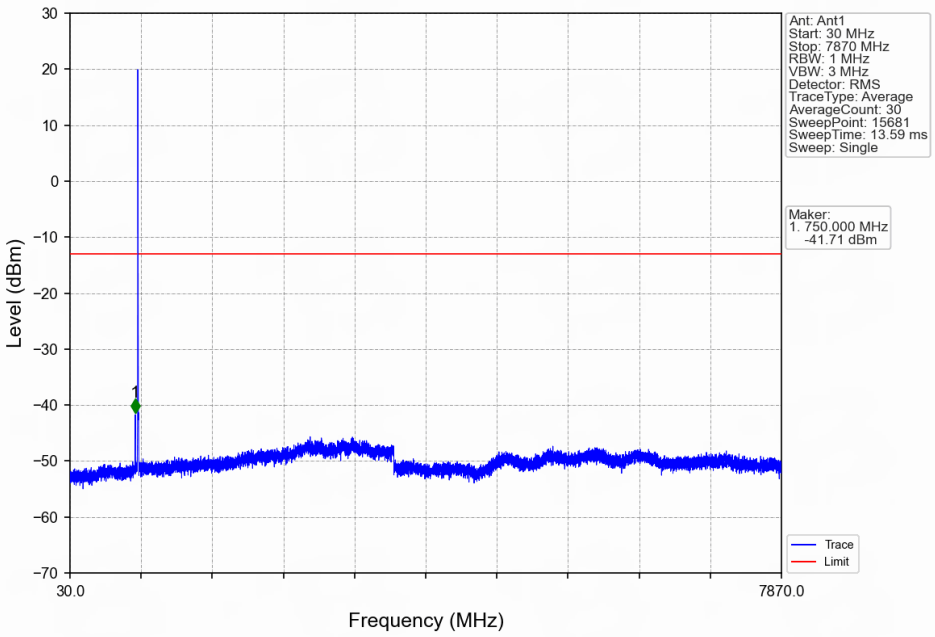
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.032	-39.79	-13	Pass
787.1	793	0.1	CHP	2	787.150	-31.28	-13	Pass
793	805	0.00625	/	3	793.375	-66.77	-35	Pass
805	810	0.1	CHP	4	805.443	-62.36	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

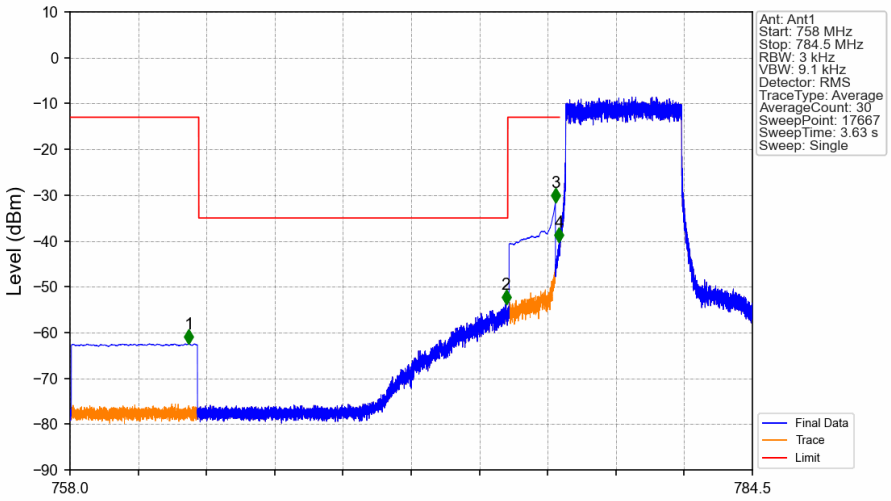


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.927	-62.39	-13	Pass
763	775	0.00625	/	2	774.960	-64.82	-35	Pass
775	776.9	0.1	CHP	3	776.850	-19.49	-13	Pass
776.9	777	0.03	/	4	776.998	-27.34	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

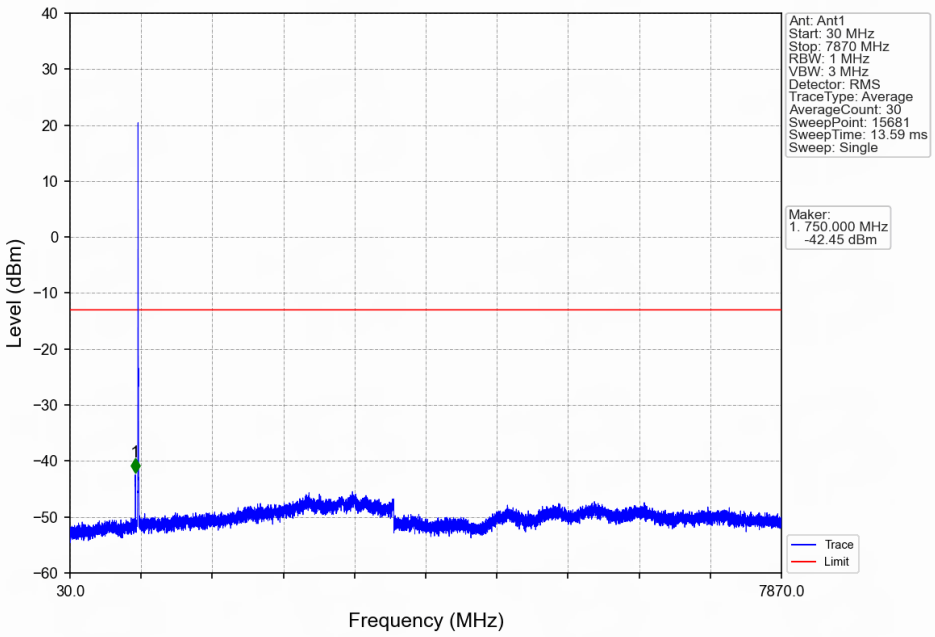


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

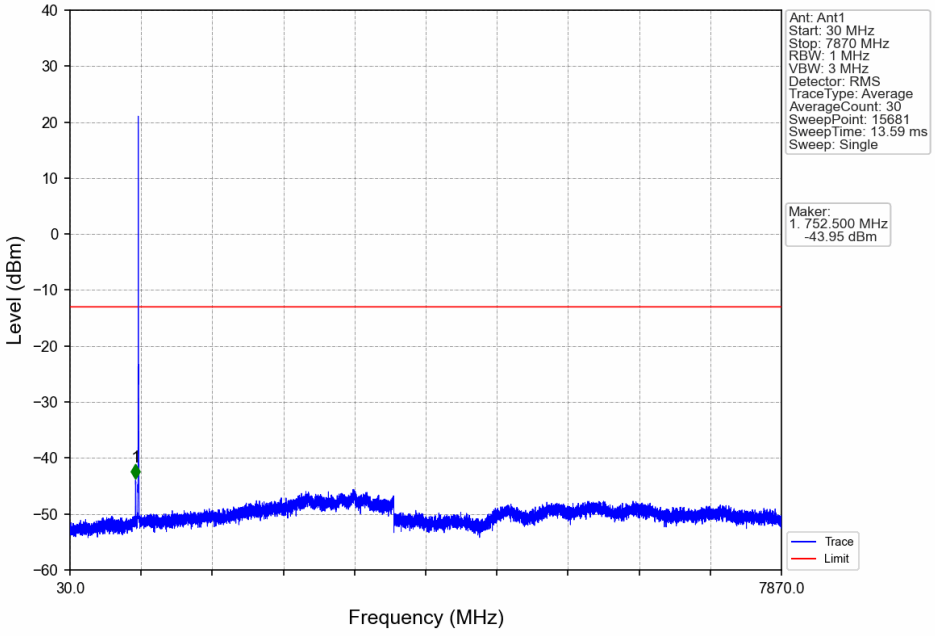


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.619	-62.44	-13	Pass
763	775	0.00625	/	2	774.934	-53.83	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.70	-13	Pass
776.9	777	0.03	/	4	776.997	-40.29	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

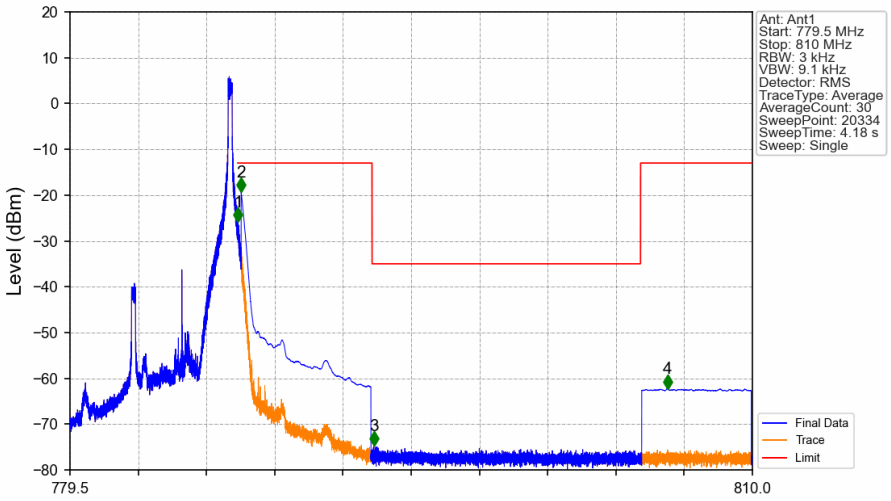
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

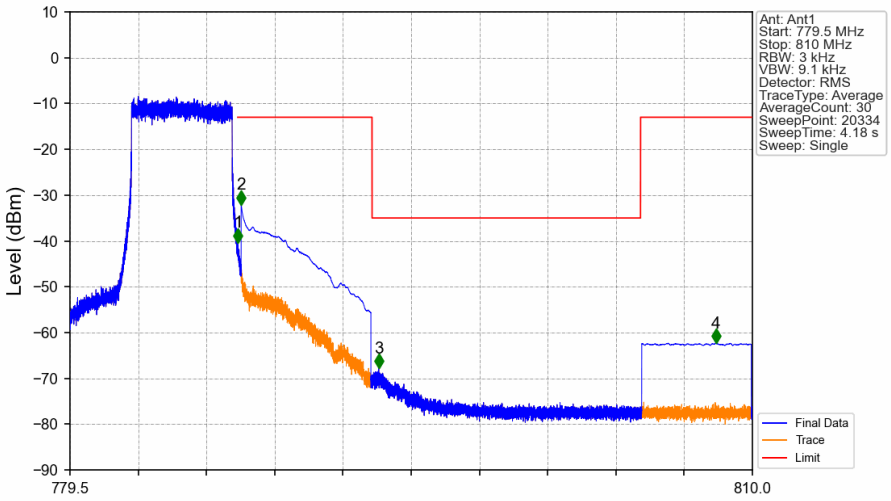


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



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	-25.93	-13	Pass
787.1	793	0.1	CHP	2	787.150	-19.28	-13	Pass
793	805	0.00625	/	3	793.081	-74.69	-35	Pass
805	810	0.1	CHP	4	806.211	-62.27	-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	787.002	-40.36	-13	Pass
787.1	793	0.1	CHP	2	787.150	-32.07	-13	Pass
793	805	0.00625	/	3	793.299	-67.73	-35	Pass
805	810	0.1	CHP	4	808.374	-62.32	-13	Pass

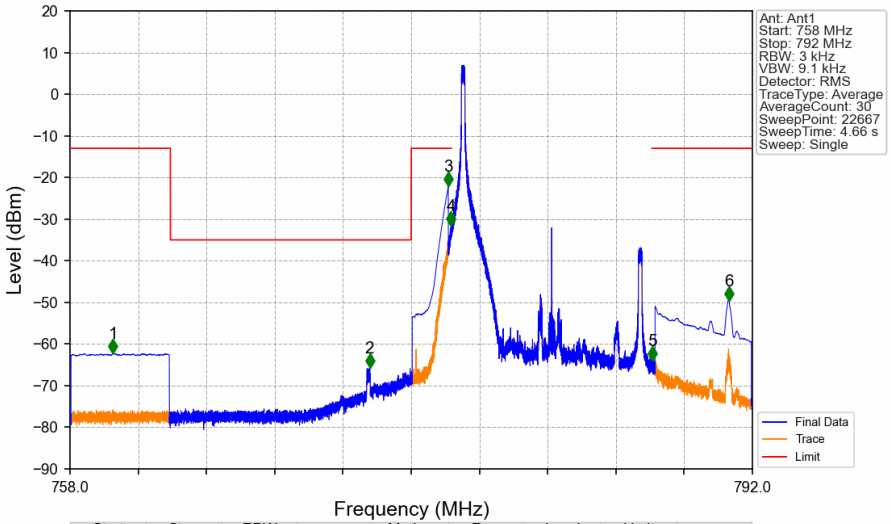
6.2 B13_10MHz

6.2.1 Test Result

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

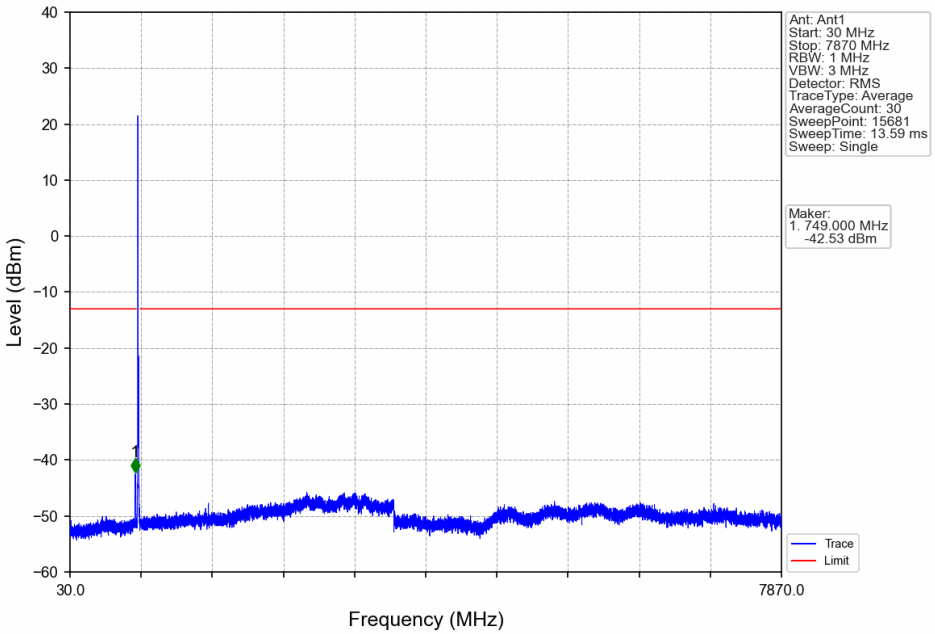
6.2.2 Test Graph

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

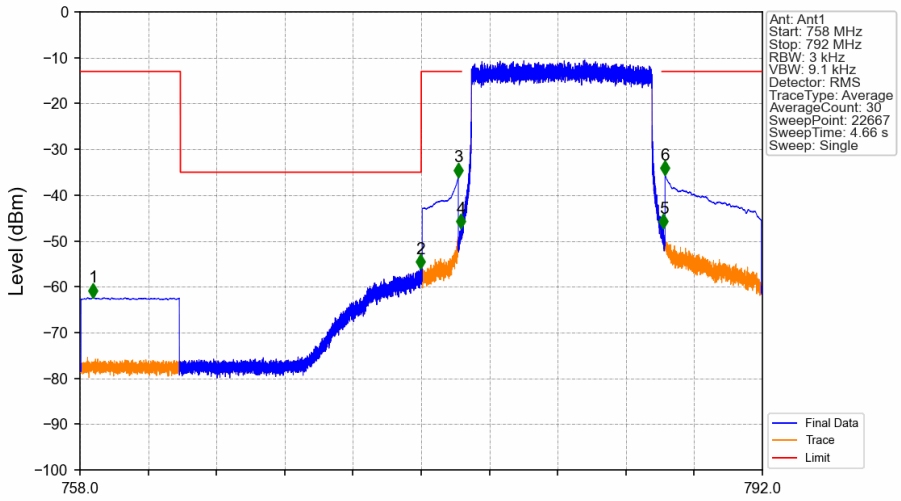


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.145	-62.28	-13	Pass
763	775	0.00625	/	2	772.937	-65.72	-35	Pass
775	776.9	0.1	CHP	3	776.850	-22.10	-13	Pass
776.9	777	0.03	/	4	776.986	-31.64	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.003	-64.09	-13	Pass
787.1	792	0.1	CHP	6	790.833	-49.60	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

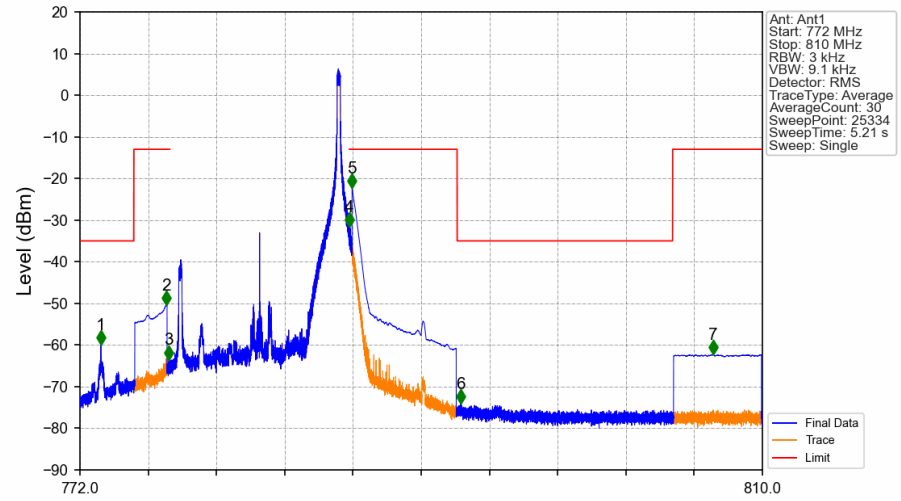


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



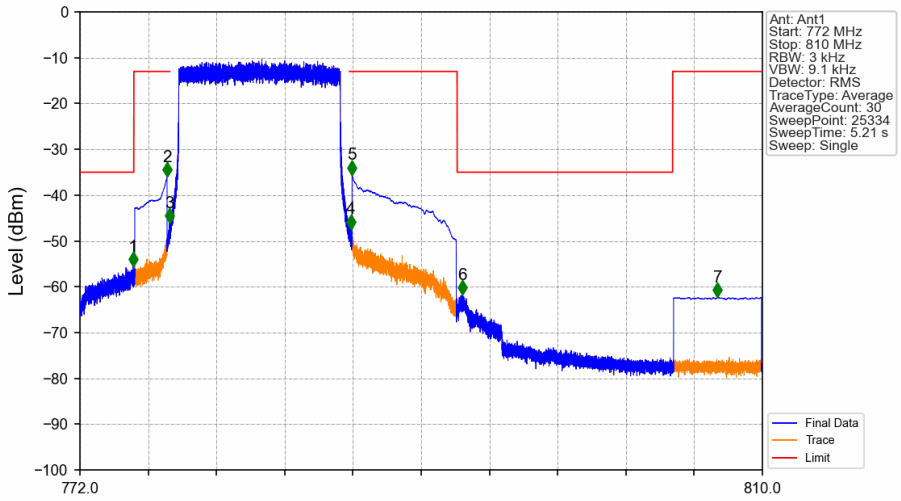
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.650	-62.35	-13	Pass
763	775	0.00625	/	2	774.958	-56.05	-35	Pass
775	776.9	0.1	CHP	3	776.850	-36.07	-13	Pass
776.9	777	0.03	/	4	776.986	-47.25	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.074	-47.26	-13	Pass
787.1	792	0.1	CHP	6	787.150	-35.67	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



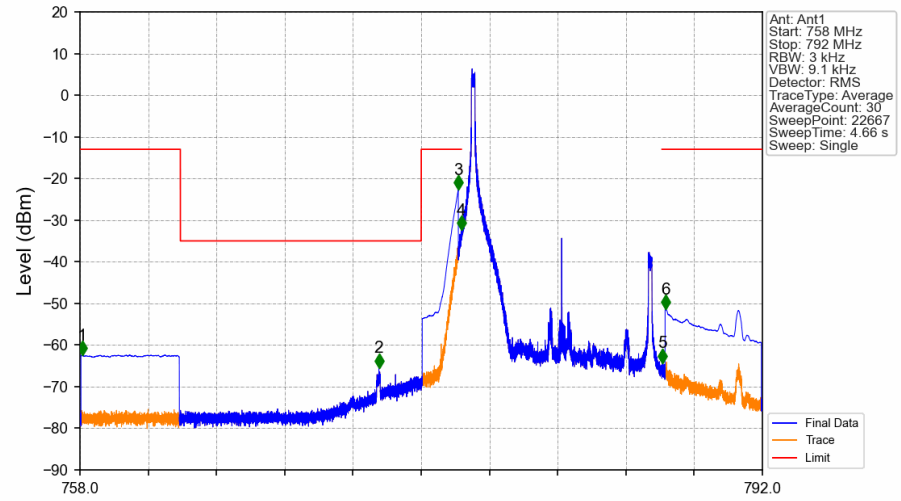
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-59.87	-35	Pass
775	776.9	0.1	CHP	2	776.829	-50.37	-13	Pass
776.9	777	0.03	/	3	776.952	-63.53	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-31.63	-13	Pass
787.1	793	0.1	CHP	5	787.150	-22.29	-13	Pass
793	805	0.00625	/	6	793.183	-74.11	-35	Pass
805	810	0.1	CHP	7	807.259	-62.33	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



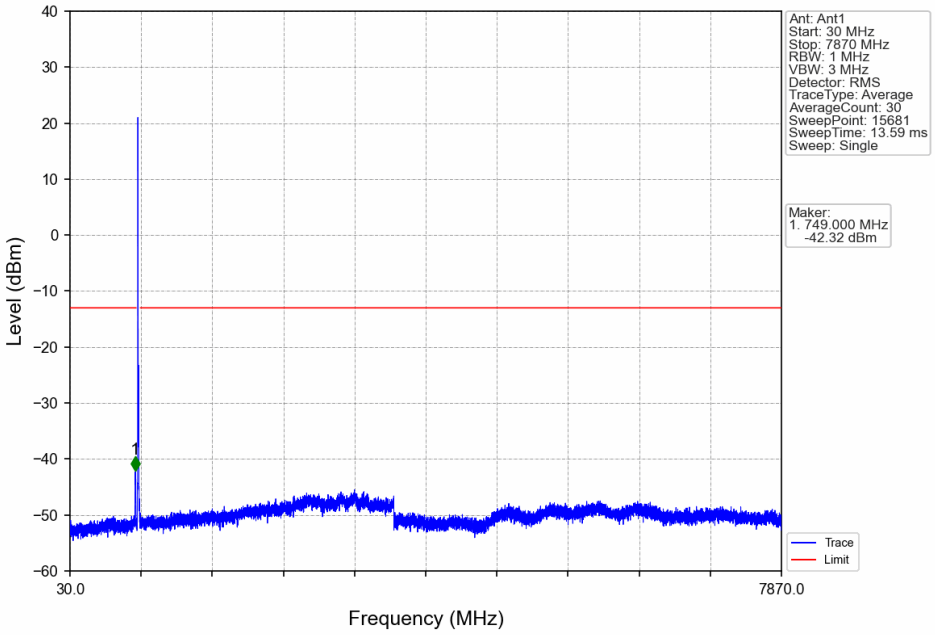
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.960	-55.58	-35	Pass
775	776.9	0.1	CHP	2	776.850	-35.95	-13	Pass
776.9	777	0.03	/	3	776.986	-46.10	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.074	-47.36	-13	Pass
787.1	793	0.1	CHP	5	787.150	-35.54	-13	Pass
793	805	0.00625	/	6	793.293	-61.77	-35	Pass
805	810	0.1	CHP	7	807.507	-62.33	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

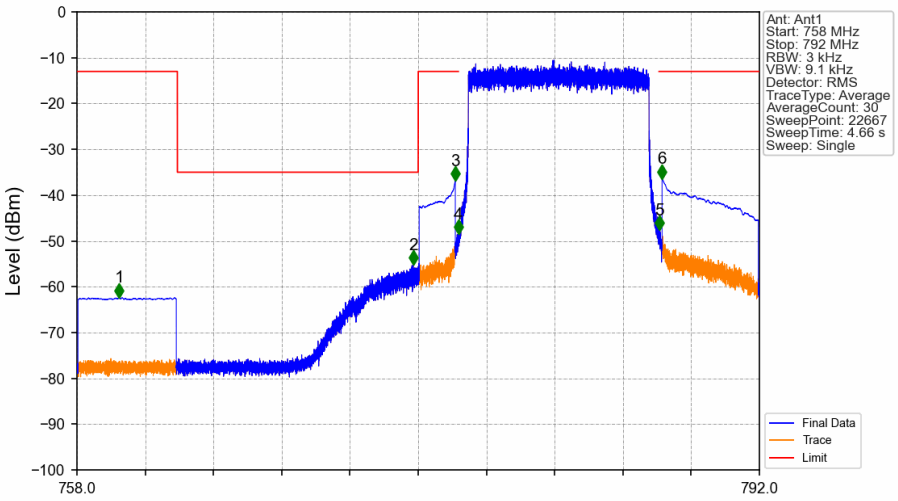


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.102	-62.39	-13	Pass
763	775	0.00625	/	2	772.891	-65.49	-35	Pass
775	776.9	0.1	CHP	3	776.850	-22.77	-13	Pass
776.9	777	0.03	/	4	777.000	-32.44	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.014	-64.33	-13	Pass
787.1	792	0.1	CHP	6	787.179	-51.44	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

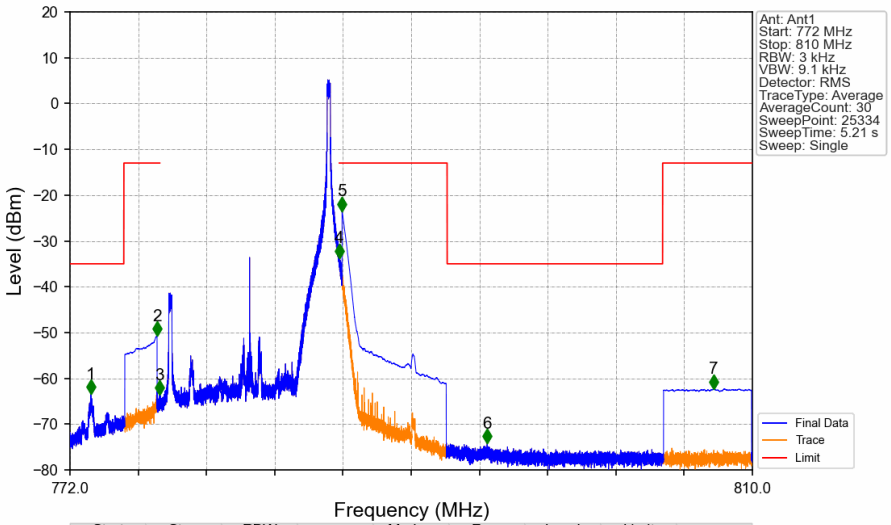


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



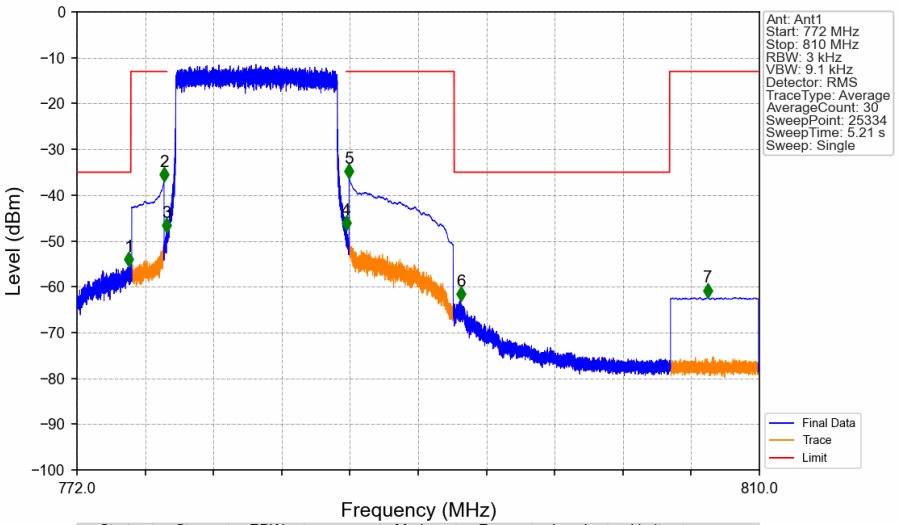
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.100	-62.37	-13	Pass
763	775	0.00625	/	2	774.749	-55.19	-35	Pass
775	776.9	0.1	CHP	3	776.850	-36.90	-13	Pass
776.9	777	0.03	/	4	776.997	-48.52	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.000	-47.66	-13	Pass
787.1	792	0.1	CHP	6	787.150	-36.44	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-63.49	-35	Pass
775	776.9	0.1	CHP	2	776.838	-50.69	-13	Pass
776.9	777	0.03	/	3	776.982	-63.60	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-33.73	-13	Pass
787.1	793	0.1	CHP	5	787.150	-23.50	-13	Pass
793	805	0.00625	/	6	795.232	-74.20	-35	Pass
805	810	0.1	CHP	7	807.840	-62.27	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.897	-55.58	-35	Pass
775	776.9	0.1	CHP	2	776.850	-36.98	-13	Pass
776.9	777	0.03	/	3	776.995	-48.20	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-47.64	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.37	-13	Pass
793	805	0.00625	/	6	793.365	-63.09	-35	Pass
805	810	0.1	CHP	7	807.130	-62.37	-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	0.1589	0.0149	ppm	4M56G7D	27F	22.01
13	5	779.5	784.5	0.1324	0.0130	ppm	4M58W7D	27F	21.22
13	10	782	782	0.1607	0.0152	ppm	9M07G7D	27F	22.06
13	10	782	782	0.1476	0.0200	ppm	9M09W7D	27F	21.69

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	0.1064	0.0149	ppm	4M56G7D	27F	20.27
13	5	779.5	784.5	0.0887	0.0130	ppm	4M58W7D	27F	19.48
13	10	782	782	0.1076	0.0152	ppm	9M07G7D	27F	20.32
13	10	782	782	0.0989	0.0200	ppm	9M09W7D	27F	19.95