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	23.66	-3.02	18.49	<=34.77	Pass
			13	23.75	-3.02	18.58	<=34.77	Pass
			24	23.61	-3.02	18.44	<=34.77	Pass
		12	0	22.70	-3.02	17.53	<=34.77	Pass
			6	22.76	-3.02	17.59	<=34.77	Pass
			13	22.69	-3.02	17.52	<=34.77	Pass
		25	0	22.73	-3.02	17.56	<=34.77	Pass
	782	1	0	23.72	-3.02	18.55	<=34.77	Pass
			13	23.74	-3.02	18.57	<=34.77	Pass
			24	23.71	-3.02	18.54	<=34.77	Pass
		12	0	22.64	-3.02	17.47	<=34.77	Pass
			6	22.68	-3.02	17.51	<=34.77	Pass
			13	22.69	-3.02	17.52	<=34.77	Pass
		25	0	22.60	-3.02	17.43	<=34.77	Pass
	784.5	1	0	23.69	-3.02	18.52	<=34.77	Pass
			13	23.58	-3.02	18.41	<=34.77	Pass
			24	23.55	-3.02	18.38	<=34.77	Pass
		12	0	22.66	-3.02	17.49	<=34.77	Pass
			6	22.69	-3.02	17.52	<=34.77	Pass
			13	22.55	-3.02	17.38	<=34.77	Pass
		25	0	22.75	-3.02	17.58	<=34.77	Pass
16QAM	779.5	1	0	21.92	-3.02	16.75	<=34.77	Pass
			13	21.87	-3.02	16.70	<=34.77	Pass
			24	21.87	-3.02	16.70	<=34.77	Pass
		12	0	21.74	-3.02	16.57	<=34.77	Pass
			6	21.78	-3.02	16.61	<=34.77	Pass
			13	21.76	-3.02	16.59	<=34.77	Pass
		25	0	21.84	-3.02	16.67	<=34.77	Pass
	782	1	0	22.79	-3.02	17.62	<=34.77	Pass
			13	22.85	-3.02	17.68	<=34.77	Pass
			24	22.87	-3.02	17.70	<=34.77	Pass
		12	0	21.70	-3.02	16.53	<=34.77	Pass
			6	22.07	-3.02	16.90	<=34.77	Pass
			13	21.86	-3.02	16.69	<=34.77	Pass
		25	0	22.05	-3.02	16.88	<=34.77	Pass
	784.5	1	0	22.82	-3.02	17.65	<=34.77	Pass
			13	22.87	-3.02	17.70	<=34.77	Pass
			24	22.83	-3.02	17.66	<=34.77	Pass
		12	0	21.87	-3.02	16.70	<=34.77	Pass
			6	21.86	-3.02	16.69	<=34.77	Pass
			13	21.78	-3.02	16.61	<=34.77	Pass
		25	0	21.96	-3.02	16.79	<=34.77	Pass
64QAM	779.5	1	0	21.26	-3.02	16.09	<=34.77	Pass
			13	21.18	-3.02	16.01	<=34.77	Pass
			24	21.48	-3.02	16.31	<=34.77	Pass
		12	0	20.84	-3.02	15.67	<=34.77	Pass
			6	20.69	-3.02	15.52	<=34.77	Pass
			13	20.65	-3.02	15.48	<=34.77	Pass
		25	0	21.01	-3.02	15.84	<=34.77	Pass

	782	1	0	22.40	-3.02	17.23	<=34.77	Pass
			13	22.56	-3.02	17.39	<=34.77	Pass
			24	22.31	-3.02	17.14	<=34.77	Pass
		12	0	21.05	-3.02	15.88	<=34.77	Pass
			6	21.20	-3.02	16.03	<=34.77	Pass
			13	20.90	-3.02	15.73	<=34.77	Pass
		25	0	21.23	-3.02	16.06	<=34.77	Pass
	784.5	1	0	21.49	-3.02	16.32	<=34.77	Pass
			13	21.27	-3.02	16.10	<=34.77	Pass
			24	21.30	-3.02	16.13	<=34.77	Pass
		12	0	20.65	-3.02	15.48	<=34.77	Pass
			6	20.67	-3.02	15.50	<=34.77	Pass
			13	20.74	-3.02	15.57	<=34.77	Pass
		25	0	20.78	-3.02	15.61	<=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	23.65	-3.02	18.48	<=34.77	Pass
			25	23.66	-3.02	18.49	<=34.77	Pass
			49	23.61	-3.02	18.44	<=34.77	Pass
		25	0	22.59	-3.02	17.42	<=34.77	Pass
			13	22.55	-3.02	17.38	<=34.77	Pass
			25	22.54	-3.02	17.37	<=34.77	Pass
		50	0	22.61	-3.02	17.44	<=34.77	Pass
16QAM	782	1	0	23.17	-3.02	18.00	<=34.77	Pass
			25	23.14	-3.02	17.97	<=34.77	Pass
			49	23.13	-3.02	17.96	<=34.77	Pass
		25	0	21.81	-3.02	16.64	<=34.77	Pass
			13	22.01	-3.02	16.84	<=34.77	Pass
			25	21.88	-3.02	16.71	<=34.77	Pass
		50	0	22.03	-3.02	16.86	<=34.77	Pass
64QAM	782	1	0	22.52	-3.02	17.35	<=34.77	Pass
			25	22.69	-3.02	17.52	<=34.77	Pass
			49	22.43	-3.02	17.26	<=34.77	Pass
		25	0	20.98	-3.02	15.81	<=34.77	Pass
			13	21.13	-3.02	15.96	<=34.77	Pass
			25	20.75	-3.02	15.58	<=34.77	Pass
		50	0	21.07	-3.02	15.90	<=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	3.6	25.443	0.0326	-2.5 to 2.5	Pass
					3.87	39.061	0.0501	-2.5 to 2.5	Pass
					4.45	44.995	0.0577	-2.5 to 2.5	Pass
				-30	3.87	47.276	0.0606	-2.5 to 2.5	Pass
				-20	3.87	-8.621	-0.0111	-2.5 to 2.5	Pass
				-10	3.87	-11.883	-0.0152	-2.5 to 2.5	Pass
				0	3.87	-16.099	-0.0207	-2.5 to 2.5	Pass
				10	3.87	-24.842	-0.0319	-2.5 to 2.5	Pass
				30	3.87	-29.472	-0.0378	-2.5 to 2.5	Pass
				40	3.87	-30.833	-0.0396	-2.5 to 2.5	Pass
				50	3.87	-34.850	-0.0447	-2.5 to 2.5	Pass
	782	25	0	20	3.6	9.371	0.0120	-2.5 to 2.5	Pass
					3.87	14.545	0.0186	-2.5 to 2.5	Pass
					4.45	16.937	0.0217	-2.5 to 2.5	Pass
				-30	3.87	13.711	0.0175	-2.5 to 2.5	Pass
				-20	3.87	9.707	0.0124	-2.5 to 2.5	Pass
				-10	3.87	9.244	0.0118	-2.5 to 2.5	Pass
				0	3.87	5.543	0.0071	-2.5 to 2.5	Pass
				10	3.87	5.765	0.0074	-2.5 to 2.5	Pass
				30	3.87	-3.512	-0.0045	-2.5 to 2.5	Pass
				40	3.87	-9.118	-0.0117	-2.5 to 2.5	Pass
				50	3.87	-12.605	-0.0161	-2.5 to 2.5	Pass
	784.5	25	0	20	3.6	10.345	0.0132	-2.5 to 2.5	Pass
					3.87	19.197	0.0245	-2.5 to 2.5	Pass
					4.45	18.131	0.0231	-2.5 to 2.5	Pass
				-30	3.87	16.125	0.0206	-2.5 to 2.5	Pass
				-20	3.87	11.145	0.0142	-2.5 to 2.5	Pass
				-10	3.87	7.236	0.0092	-2.5 to 2.5	Pass
				0	3.87	6.617	0.0084	-2.5 to 2.5	Pass
				10	3.87	3.100	0.0040	-2.5 to 2.5	Pass
				30	3.87	0.443	0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.871	-0.0024	-2.5 to 2.5	Pass
				50	3.87	-4.325	-0.0055	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.6	-37.874	-0.0486	-2.5 to 2.5	Pass
					3.87	-44.596	-0.0572	-2.5 to 2.5	Pass
					4.45	-49.495	-0.0635	-2.5 to 2.5	Pass
				-30	3.87	3.578	0.0046	-2.5 to 2.5	Pass
				-20	3.87	-2.731	-0.0035	-2.5 to 2.5	Pass
				-10	3.87	-3.373	-0.0043	-2.5 to 2.5	Pass
				0	3.87	-7.398	-0.0095	-2.5 to 2.5	Pass
				10	3.87	-10.099	-0.0130	-2.5 to 2.5	Pass
				30	3.87	-9.600	-0.0123	-2.5 to 2.5	Pass
				40	3.87	-15.361	-0.0197	-2.5 to 2.5	Pass
				50	3.87	-21.212	-0.0272	-2.5 to 2.5	Pass
	782	25	0	20	3.6	-13.911	-0.0178	-2.5 to 2.5	Pass
					3.87	-17.236	-0.0220	-2.5 to 2.5	Pass
					4.45	-14.075	-0.0180	-2.5 to 2.5	Pass

				-30	3.87	-14.033	-0.0179	-2.5 to 2.5	Pass
				-20	3.87	-19.692	-0.0252	-2.5 to 2.5	Pass
				-10	3.87	-22.819	-0.0292	-2.5 to 2.5	Pass
				0	3.87	-23.294	-0.0298	-2.5 to 2.5	Pass
				10	3.87	-26.019	-0.0333	-2.5 to 2.5	Pass
				30	3.87	-26.347	-0.0337	-2.5 to 2.5	Pass
				40	3.87	-23.372	-0.0299	-2.5 to 2.5	Pass
				50	3.87	-16.224	-0.0207	-2.5 to 2.5	Pass
	784.5	25	0	20	3.6	-12.408	-0.0158	-2.5 to 2.5	Pass
					3.87	-15.200	-0.0194	-2.5 to 2.5	Pass
					4.45	-17.320	-0.0221	-2.5 to 2.5	Pass
				-30	3.87	-15.173	-0.0193	-2.5 to 2.5	Pass
				-20	3.87	-12.448	-0.0159	-2.5 to 2.5	Pass
				-10	3.87	-6.687	-0.0085	-2.5 to 2.5	Pass
				0	3.87	3.518	0.0045	-2.5 to 2.5	Pass
				10	3.87	5.814	0.0074	-2.5 to 2.5	Pass
				30	3.87	6.041	0.0077	-2.5 to 2.5	Pass
				40	3.87	5.138	0.0065	-2.5 to 2.5	Pass
				50	3.87	4.410	0.0056	-2.5 to 2.5	Pass
64QAM	779.5	25	0	20	3.6	-21.306	-0.0273	-2.5 to 2.5	Pass
					3.87	-19.005	-0.0244	-2.5 to 2.5	Pass
					4.45	-14.609	-0.0187	-2.5 to 2.5	Pass
				-30	3.87	-12.177	-0.0156	-2.5 to 2.5	Pass
				-20	3.87	-10.041	-0.0129	-2.5 to 2.5	Pass
				-10	3.87	-13.254	-0.0170	-2.5 to 2.5	Pass
				0	3.87	-16.523	-0.0212	-2.5 to 2.5	Pass
				10	3.87	-13.893	-0.0178	-2.5 to 2.5	Pass
				30	3.87	-12.284	-0.0158	-2.5 to 2.5	Pass
				40	3.87	-11.512	-0.0148	-2.5 to 2.5	Pass
				50	3.87	-9.314	-0.0119	-2.5 to 2.5	Pass
	782	25	0	20	3.6	-12.950	-0.0166	-2.5 to 2.5	Pass
					3.87	-9.587	-0.0123	-2.5 to 2.5	Pass
					4.45	-8.237	-0.0105	-2.5 to 2.5	Pass
				-30	3.87	-4.132	-0.0053	-2.5 to 2.5	Pass
				-20	3.87	-1.254	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	5.833	0.0075	-2.5 to 2.5	Pass
				0	3.87	9.443	0.0121	-2.5 to 2.5	Pass
				10	3.87	15.739	0.0201	-2.5 to 2.5	Pass
				30	3.87	18.005	0.0230	-2.5 to 2.5	Pass
				40	3.87	20.505	0.0262	-2.5 to 2.5	Pass
				50	3.87	28.455	0.0364	-2.5 to 2.5	Pass
	784.5	25	0	20	3.6	3.398	0.0043	-2.5 to 2.5	Pass
					3.87	5.133	0.0065	-2.5 to 2.5	Pass
					4.45	10.149	0.0129	-2.5 to 2.5	Pass
				-30	3.87	14.893	0.0190	-2.5 to 2.5	Pass
				-20	3.87	19.556	0.0249	-2.5 to 2.5	Pass
				-10	3.87	21.826	0.0278	-2.5 to 2.5	Pass
				0	3.87	21.813	0.0278	-2.5 to 2.5	Pass
				10	3.87	23.241	0.0296	-2.5 to 2.5	Pass
				30	3.87	23.586	0.0301	-2.5 to 2.5	Pass
				40	3.87	23.702	0.0302	-2.5 to 2.5	Pass
				50	3.87	26.432	0.0337	-2.5 to 2.5	Pass

2.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	782	50	0	20	3.6	49.379	0.0631	-2.5 to 2.5	Pass
					3.87	10.860	0.0139	-2.5 to 2.5	Pass
					4.45	19.533	0.0250	-2.5 to 2.5	Pass
				-30	3.87	22.531	0.0288	-2.5 to 2.5	Pass
				-20	3.87	18.720	0.0239	-2.5 to 2.5	Pass
				-10	3.87	15.908	0.0203	-2.5 to 2.5	Pass
				0	3.87	9.927	0.0127	-2.5 to 2.5	Pass
				10	3.87	5.635	0.0072	-2.5 to 2.5	Pass
				30	3.87	0.658	0.0008	-2.5 to 2.5	Pass
				40	3.87	-1.294	-0.0017	-2.5 to 2.5	Pass
				50	3.87	-5.341	-0.0068	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.6	-12.777	-0.0163	-2.5 to 2.5	Pass
					3.87	-19.156	-0.0245	-2.5 to 2.5	Pass
					4.45	-22.368	-0.0286	-2.5 to 2.5	Pass
				-30	3.87	-29.571	-0.0378	-2.5 to 2.5	Pass
				-20	3.87	-35.166	-0.0450	-2.5 to 2.5	Pass
				-10	3.87	-37.292	-0.0477	-2.5 to 2.5	Pass
				0	3.87	-40.970	-0.0524	-2.5 to 2.5	Pass
				10	3.87	-46.844	-0.0599	-2.5 to 2.5	Pass
				30	3.87	-29.379	-0.0376	-2.5 to 2.5	Pass
				40	3.87	-1.403	-0.0018	-2.5 to 2.5	Pass
				50	3.87	-5.400	-0.0069	-2.5 to 2.5	Pass
64QAM	782	50	0	20	3.6	-10.391	-0.0133	-2.5 to 2.5	Pass
					3.87	-12.613	-0.0161	-2.5 to 2.5	Pass
					4.45	-7.965	-0.0102	-2.5 to 2.5	Pass
				-30	3.87	-2.089	-0.0027	-2.5 to 2.5	Pass
				-20	3.87	-1.206	-0.0015	-2.5 to 2.5	Pass
				-10	3.87	2.542	0.0033	-2.5 to 2.5	Pass
				0	3.87	11.322	0.0145	-2.5 to 2.5	Pass
				10	3.87	12.166	0.0156	-2.5 to 2.5	Pass
				30	3.87	13.450	0.0172	-2.5 to 2.5	Pass
				40	3.87	14.928	0.0191	-2.5 to 2.5	Pass
				50	3.87	20.152	0.0258	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	4.577	/	Pass
		782	25	0	4.547	/	Pass
		784.5	25	0	4.554	/	Pass
	16QAM	779.5	25	0	4.561	/	Pass
		782	25	0	4.571	/	Pass
		784.5	25	0	4.563	/	Pass
	64QAM	779.5	25	0	4.543	/	Pass
		782	25	0	4.563	/	Pass
		784.5	25	0	4.544	/	Pass
10	QPSK	782	50	0	9.069	/	Pass
	16QAM	782	50	0	9.066	/	Pass
	64QAM	782	50	0	9.038	/	Pass

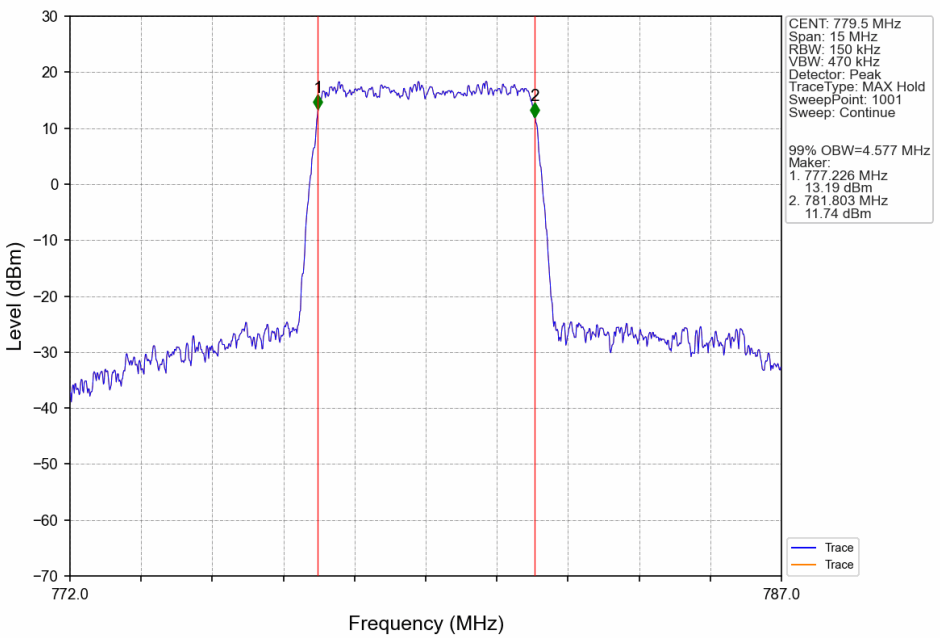
3.1.2 Band13_XDB

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.061	/	Pass
		782	25	0	5.066	/	Pass
		784.5	25	0	5.057	/	Pass
	16QAM	779.5	25	0	5.049	/	Pass
		782	25	0	5.065	/	Pass
		784.5	25	0	5.067	/	Pass
	64QAM	779.5	25	0	5.072	/	Pass
		782	25	0	5.053	/	Pass
		784.5	25	0	5.045	/	Pass
10	QPSK	782	50	0	10.025	/	Pass
	16QAM	782	50	0	10.089	/	Pass
	64QAM	782	50	0	10.017	/	Pass

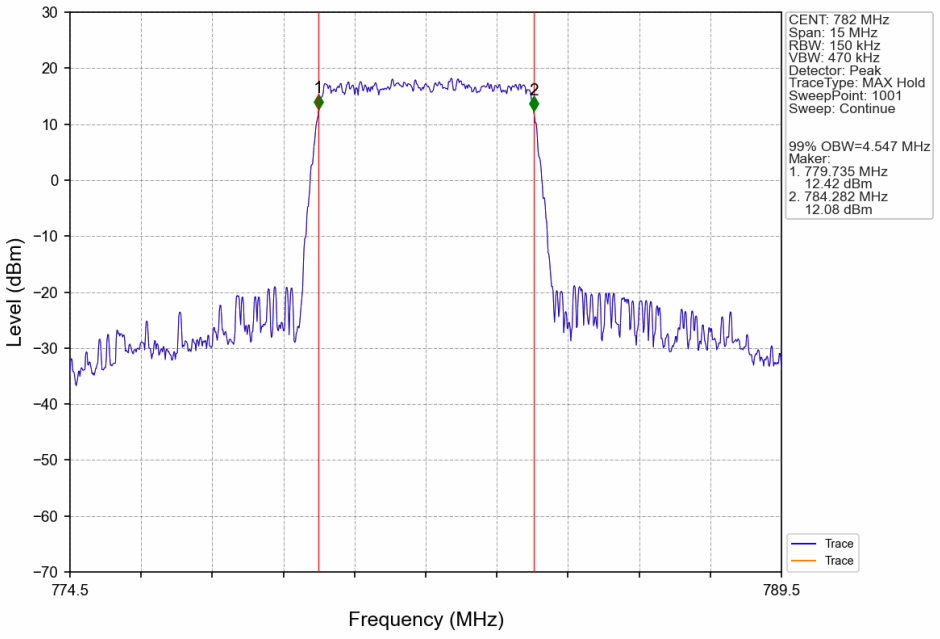
3.2 Test Graph

3.2.1 Band13_OBW

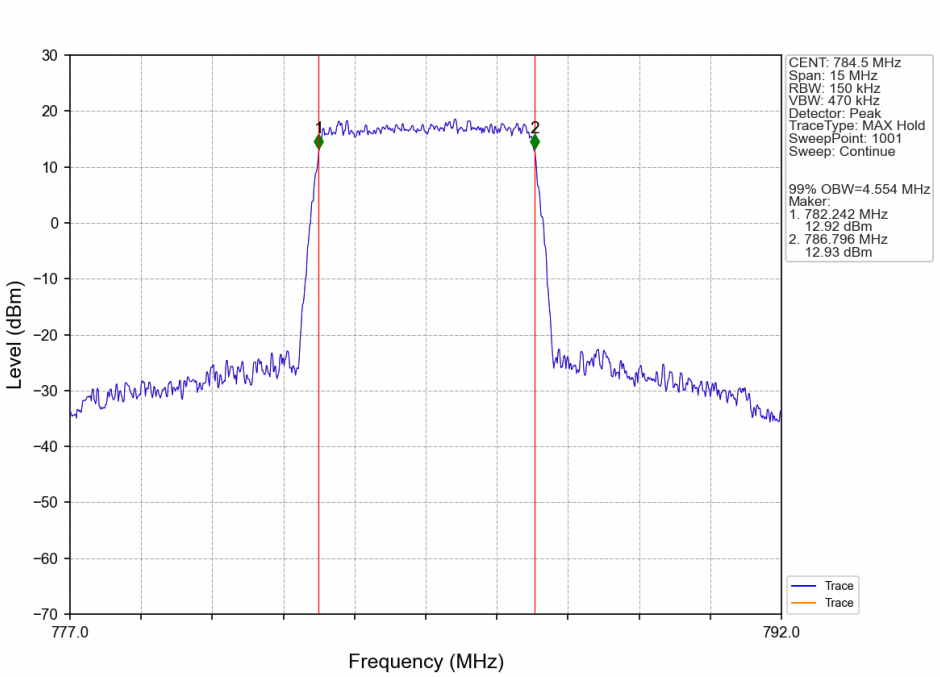
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



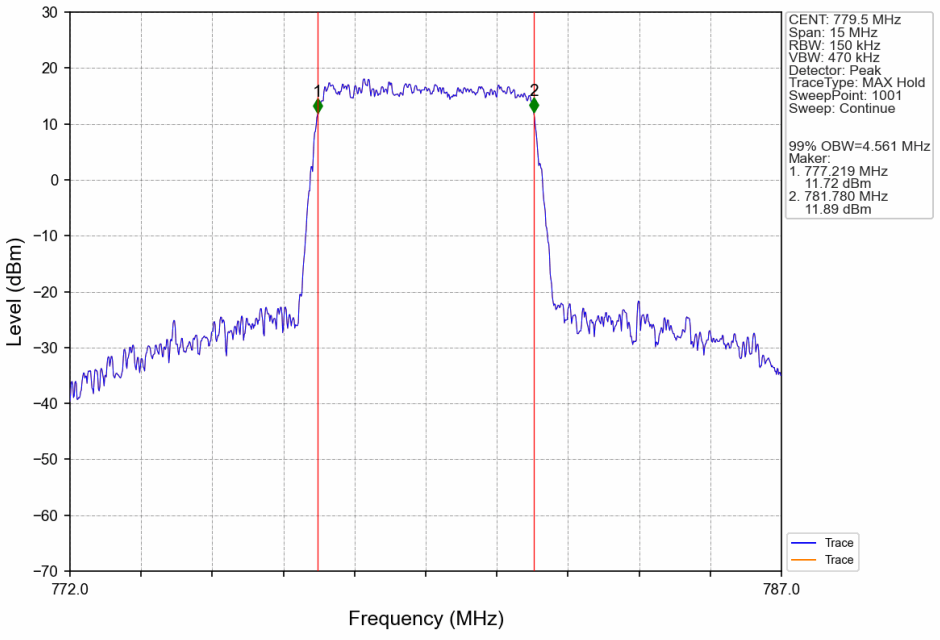
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



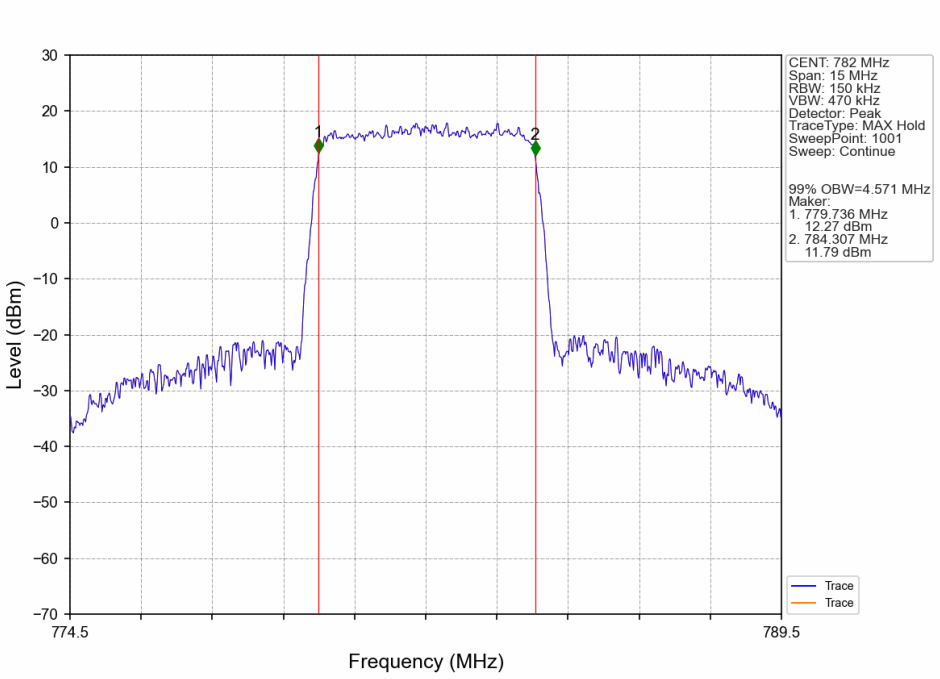
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



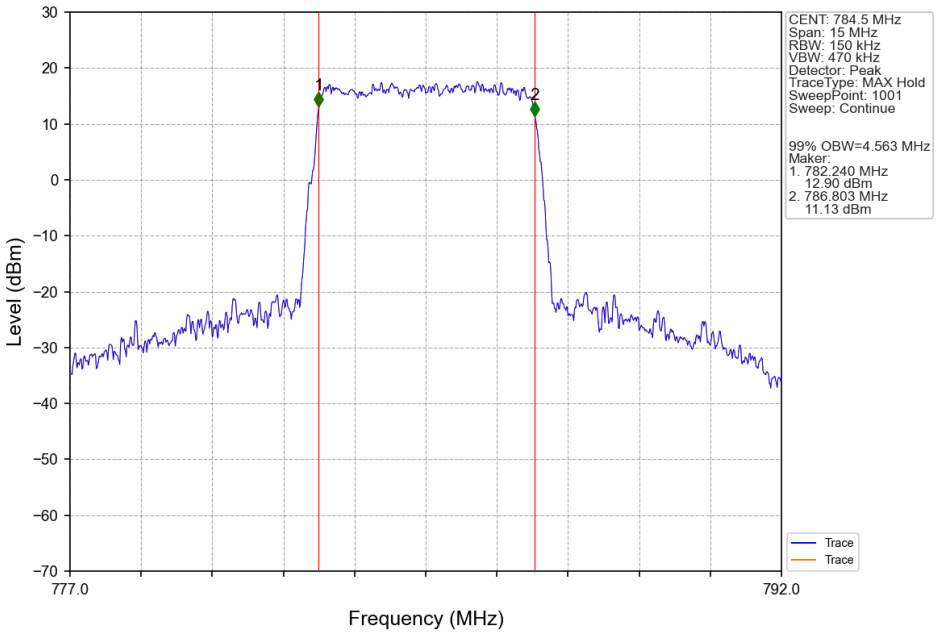
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



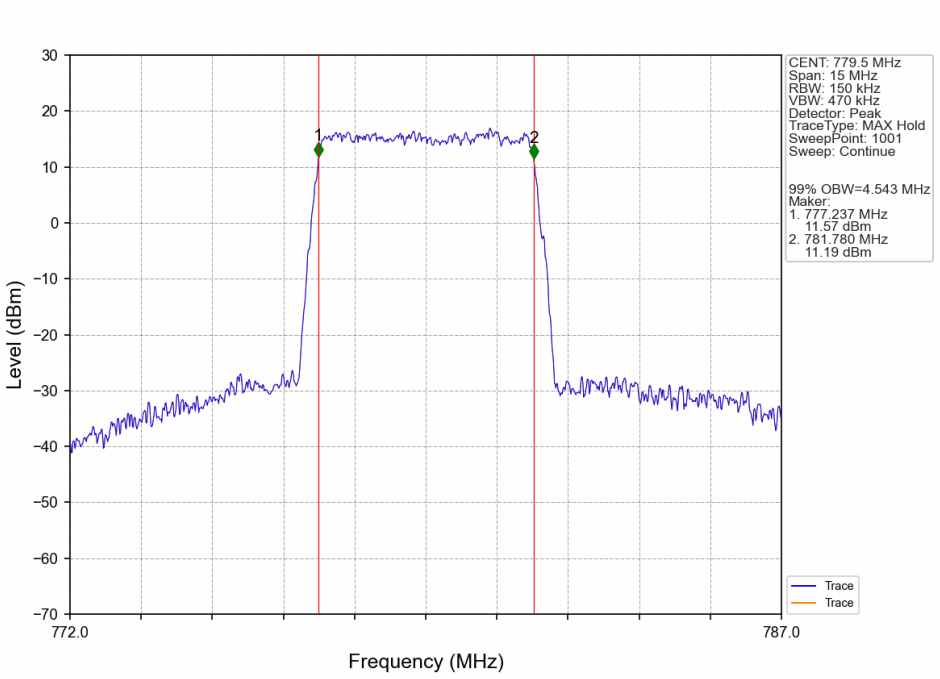
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



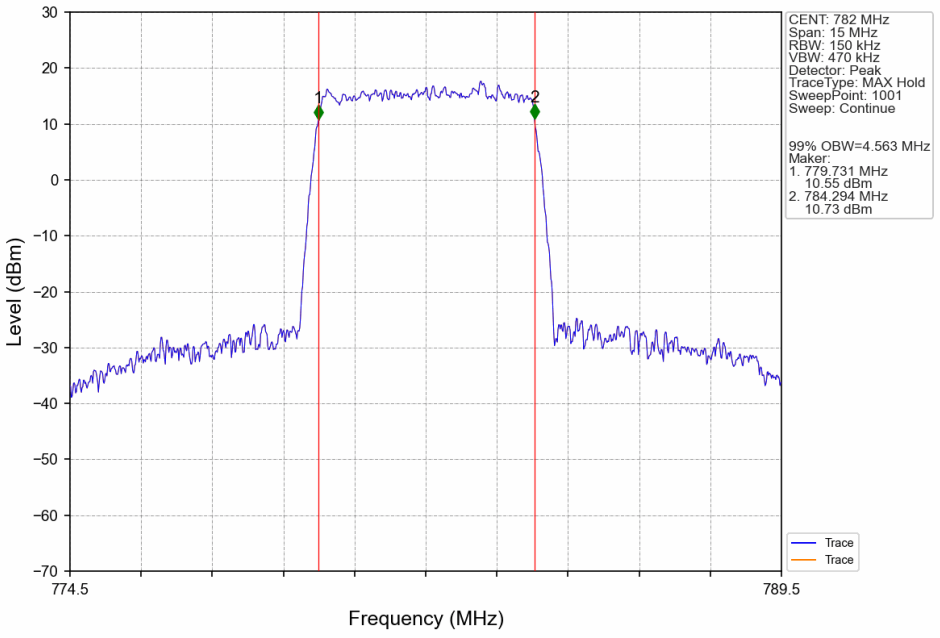
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



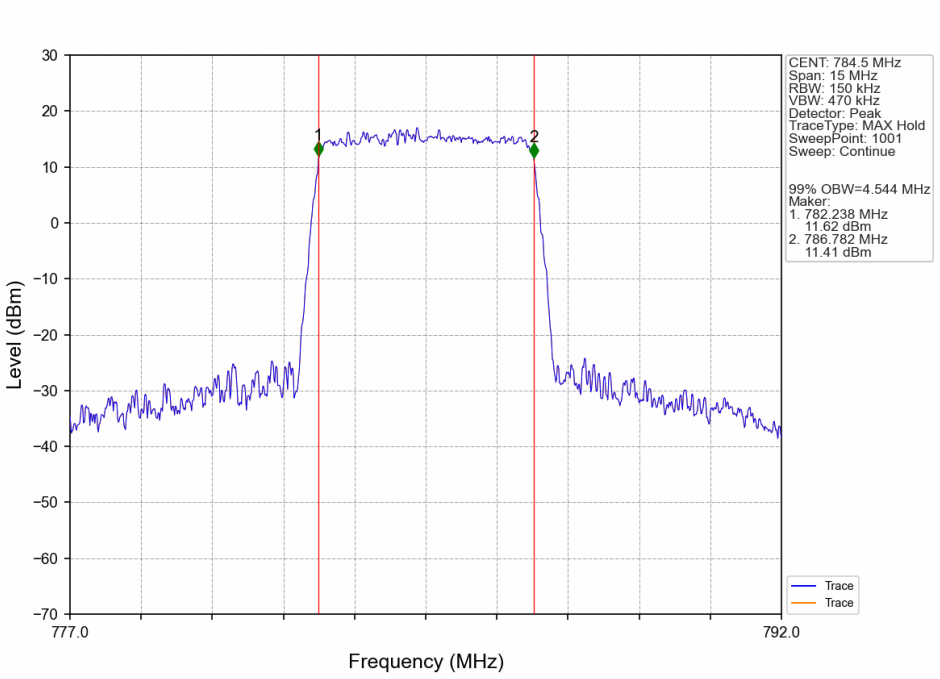
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



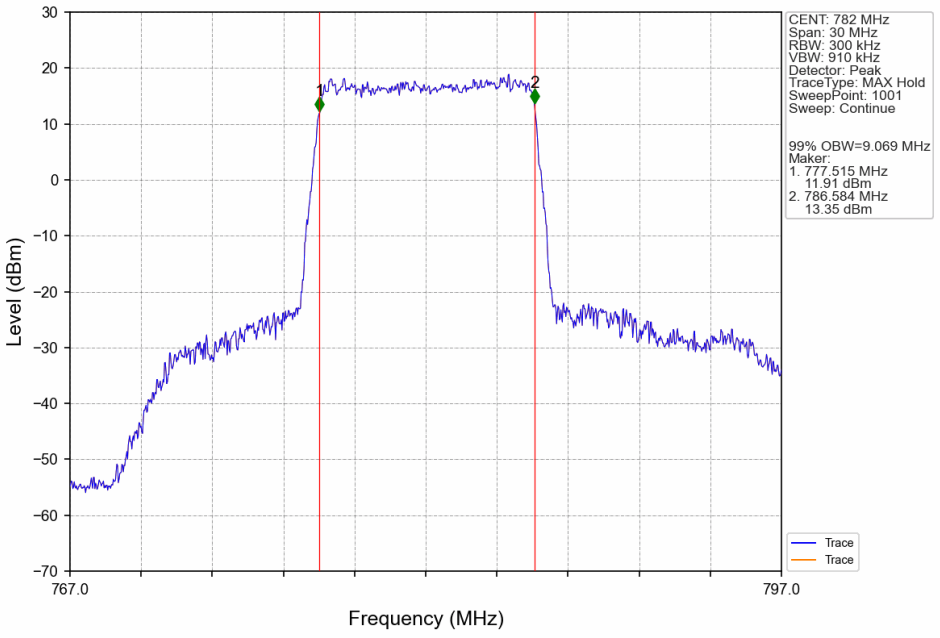
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



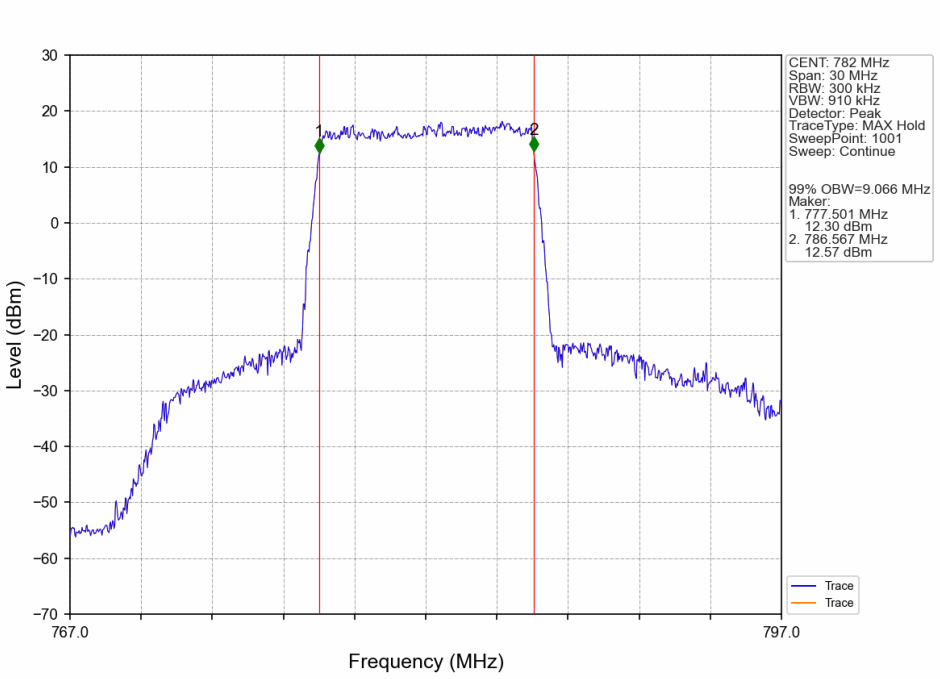
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



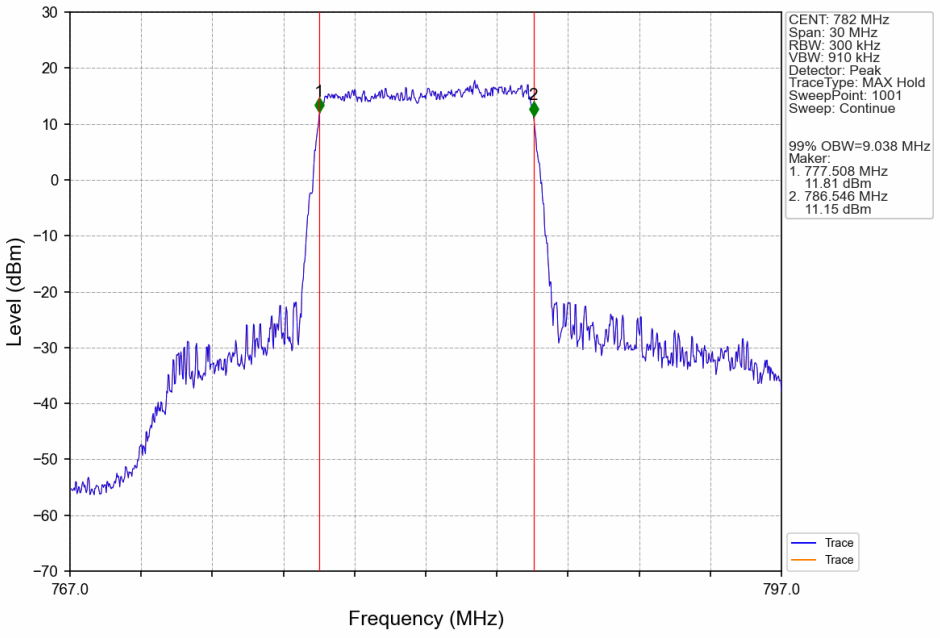
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



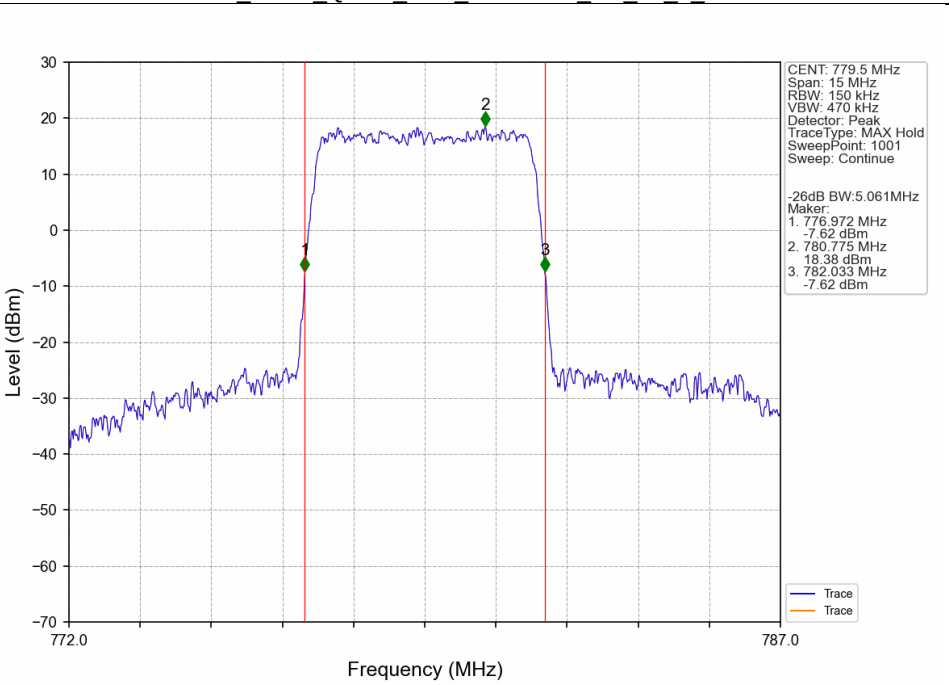
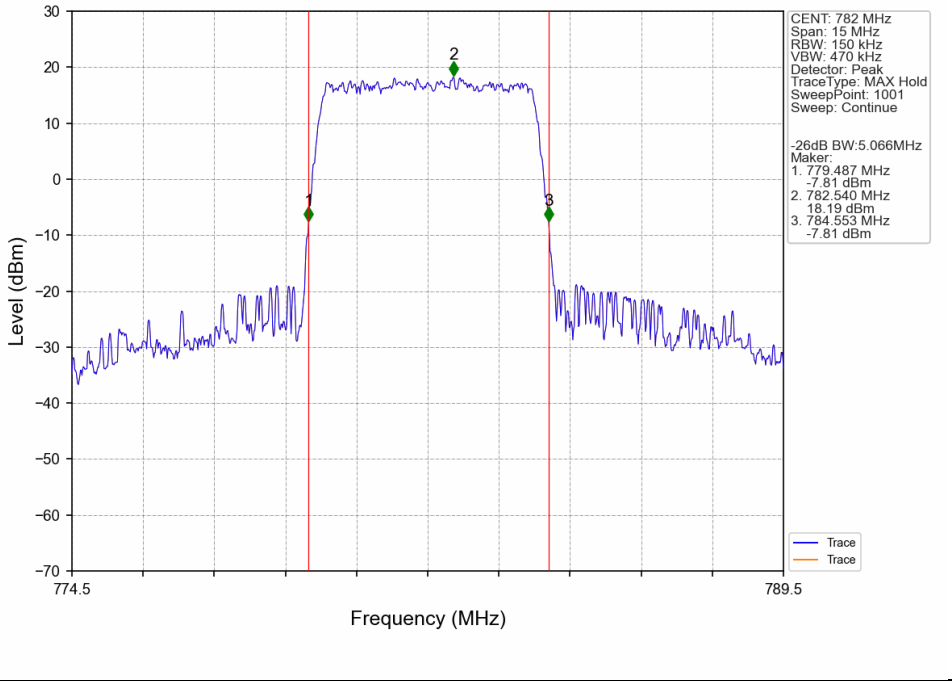
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



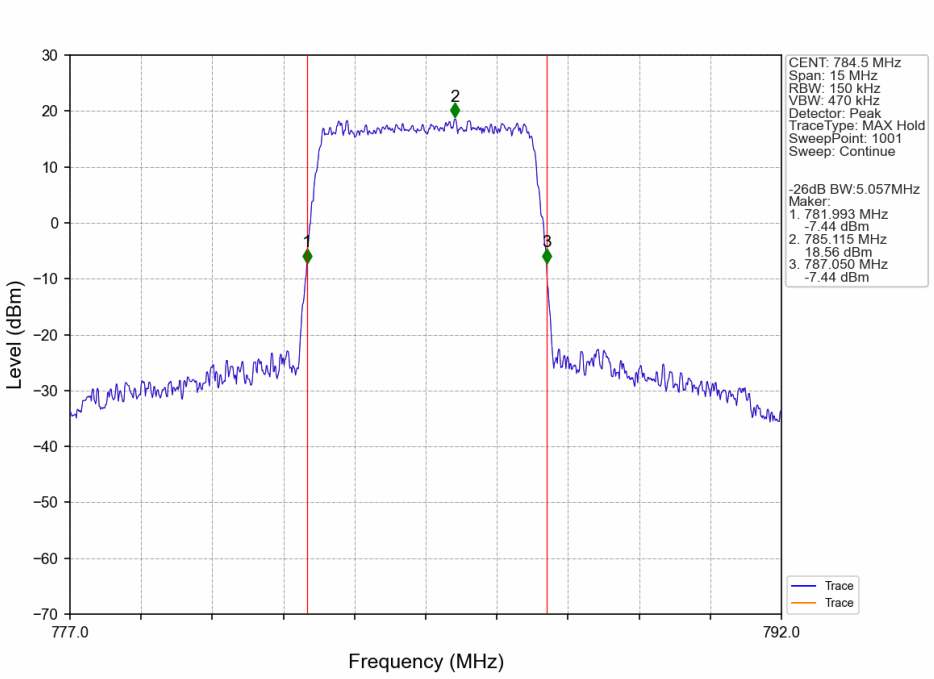
Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



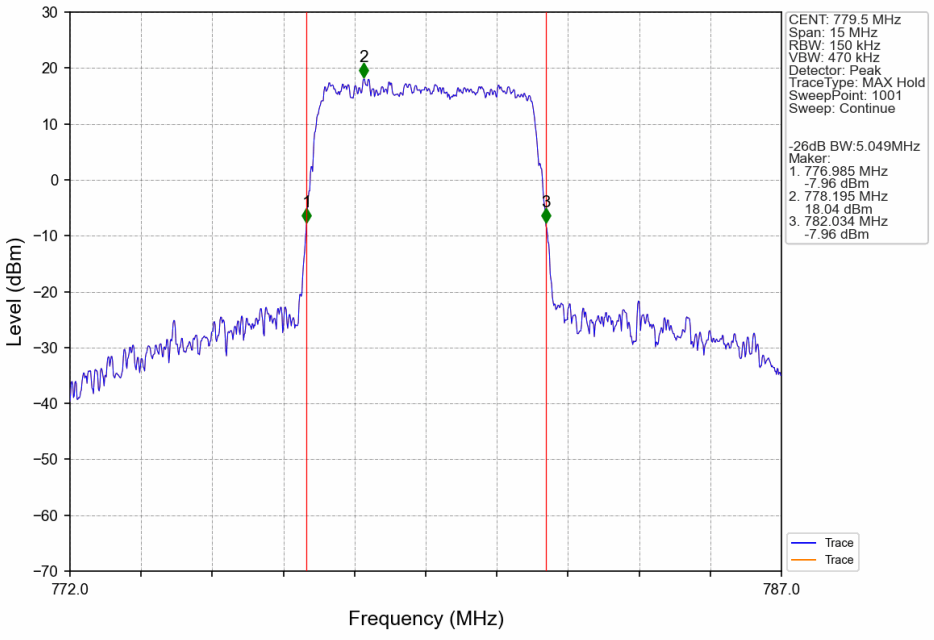
3.2.2 Band13_XDB

Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV


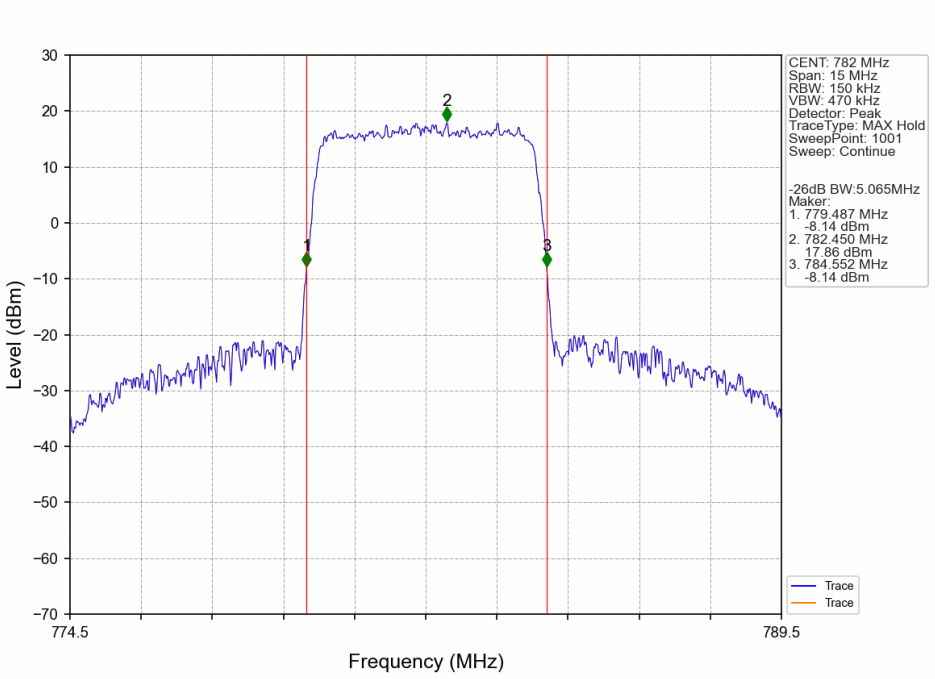
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



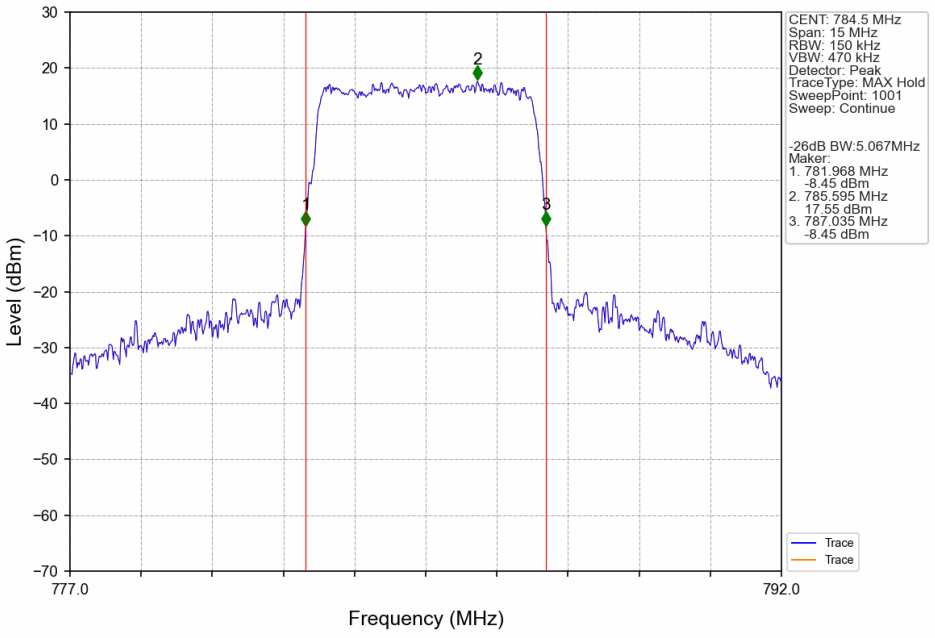
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



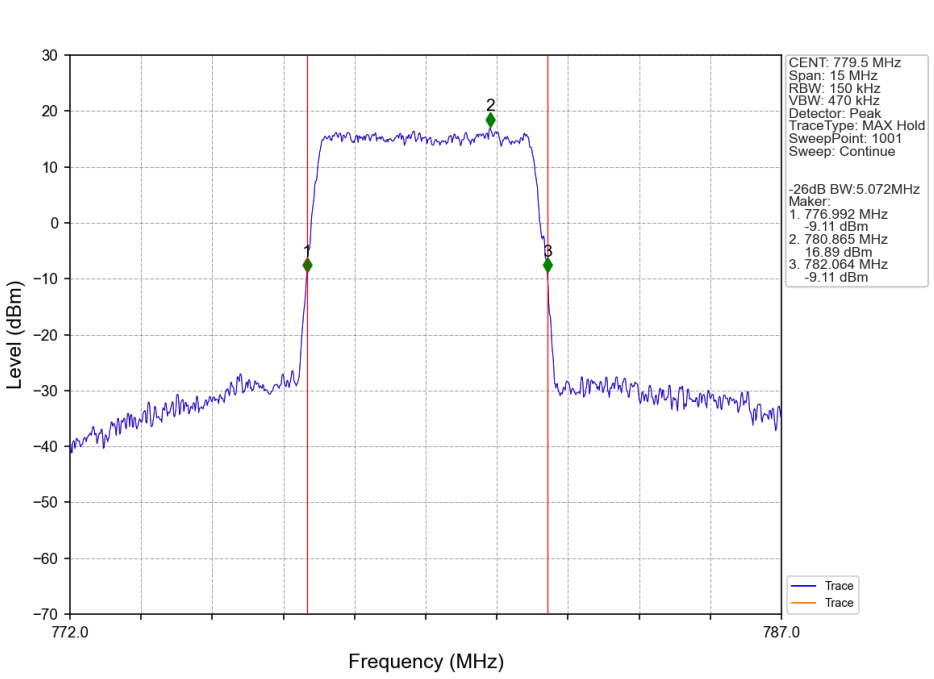
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



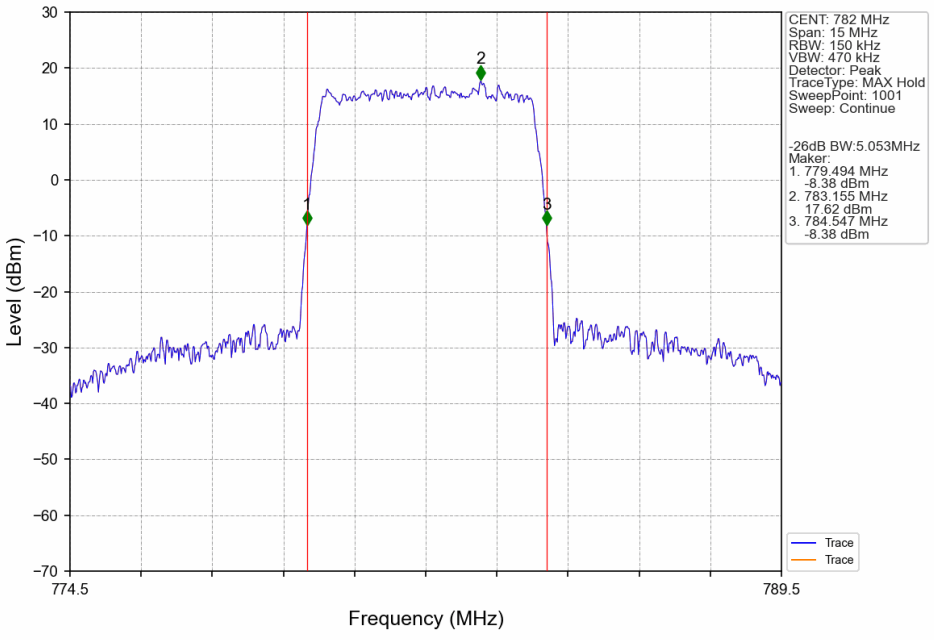
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



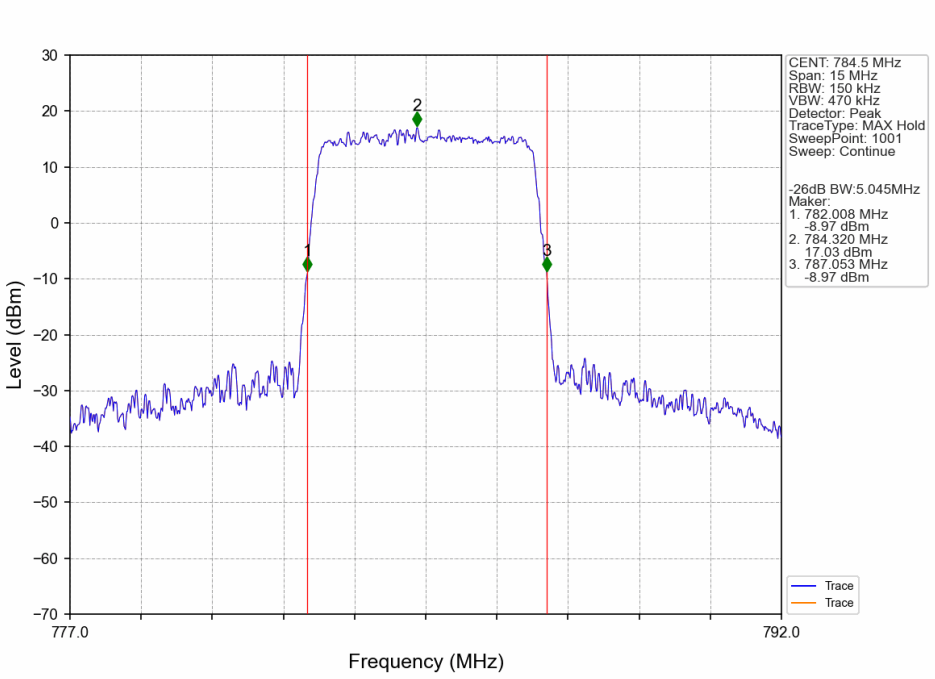
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



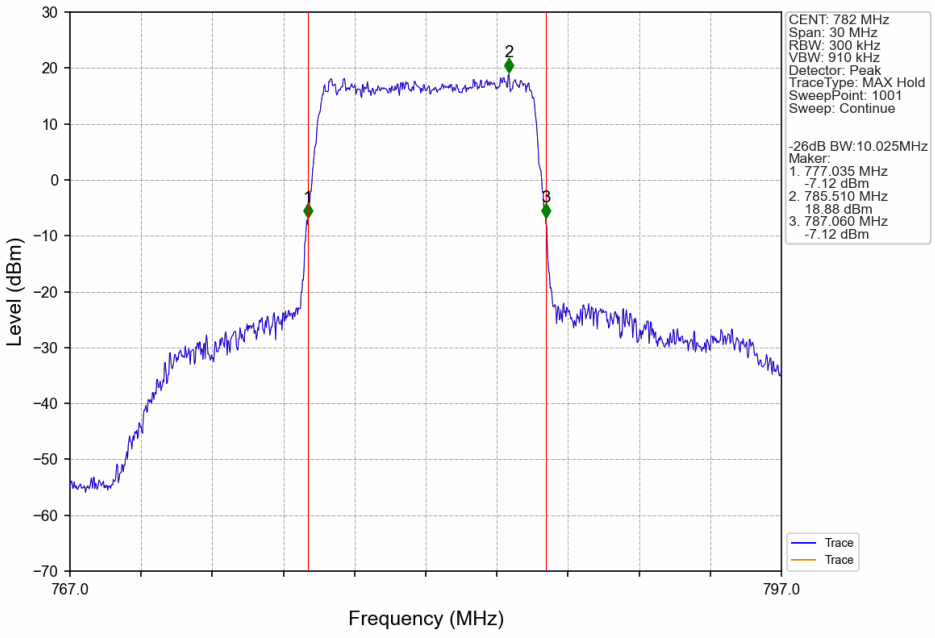
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



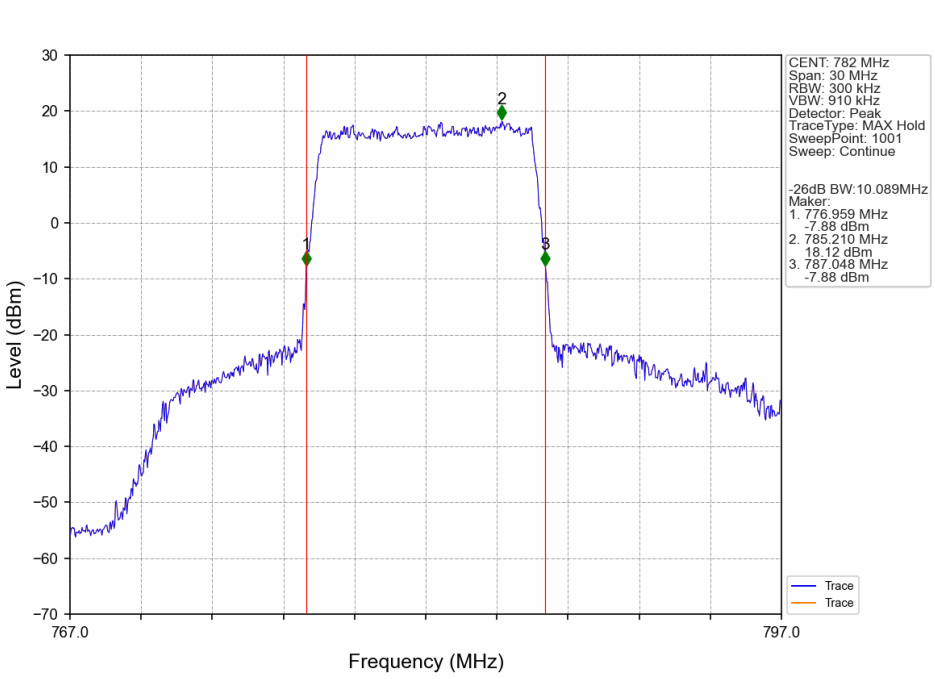
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



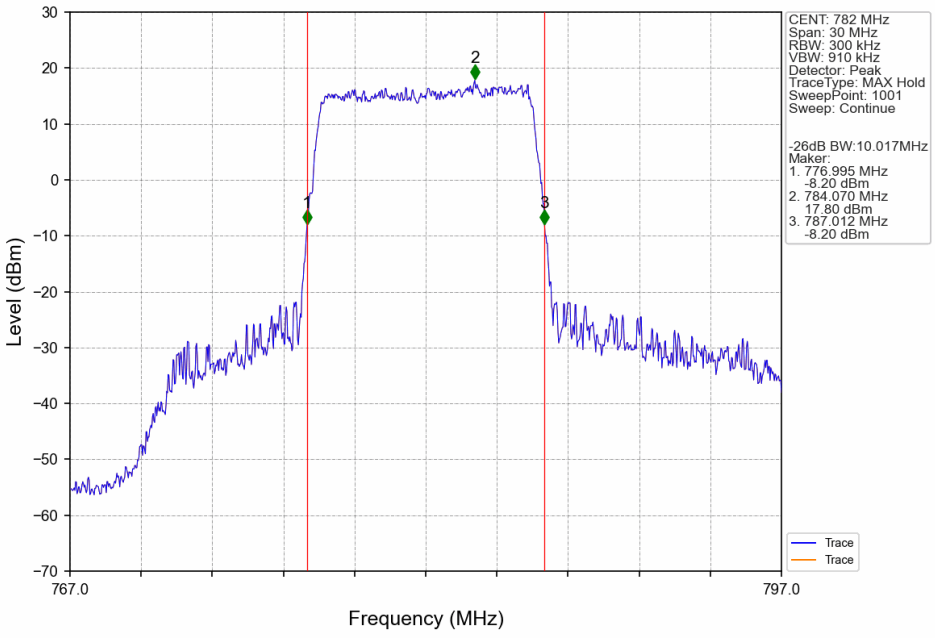
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 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	5.66	<=13	Pass
	782	25	0	5.62	<=13	Pass
	784.5	25	0	5.52	<=13	Pass
16QAM	779.5	25	0	6.32	<=13	Pass
	782	25	0	6.26	<=13	Pass
	784.5	25	0	6.25	<=13	Pass
64QAM	779.5	25	0	6.54	<=13	Pass
	782	25	0	6.52	<=13	Pass
	784.5	25	0	6.50	<=13	Pass

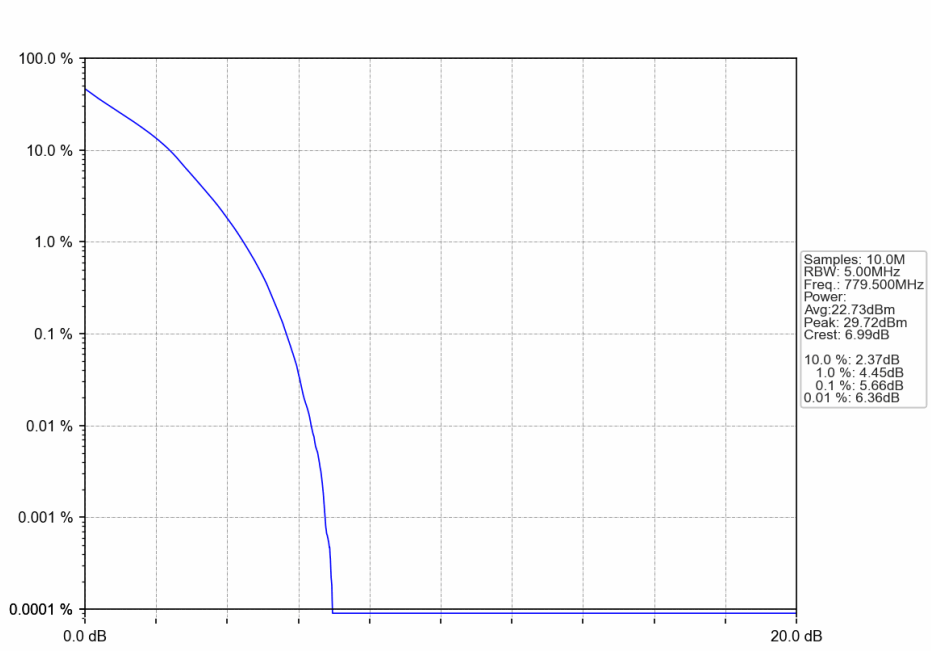
4.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.65	<=13	Pass
16QAM	782	50	0	6.28	<=13	Pass
64QAM	782	50	0	6.53	<=13	Pass

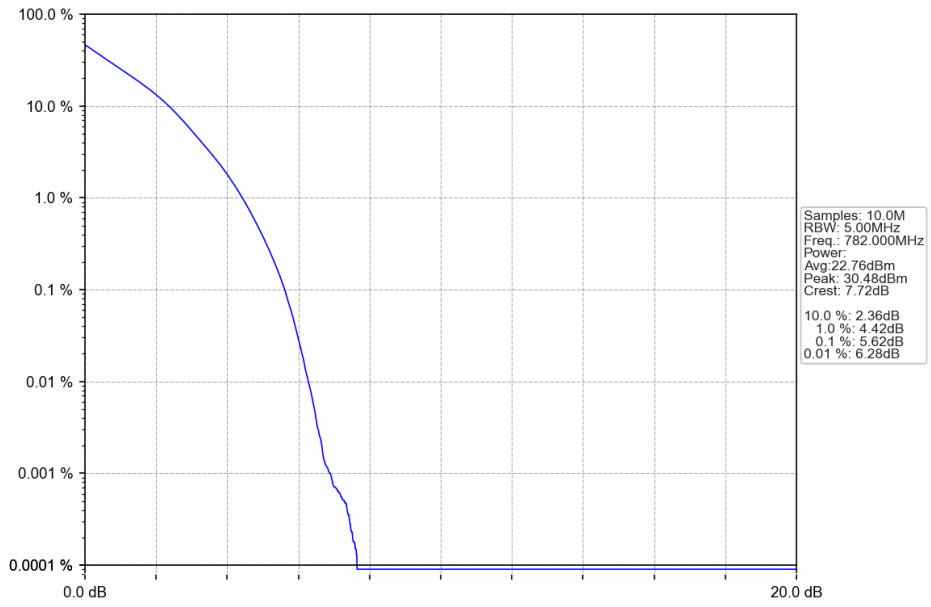
4.2 Test Graph

4.2.1 B13_5MHz

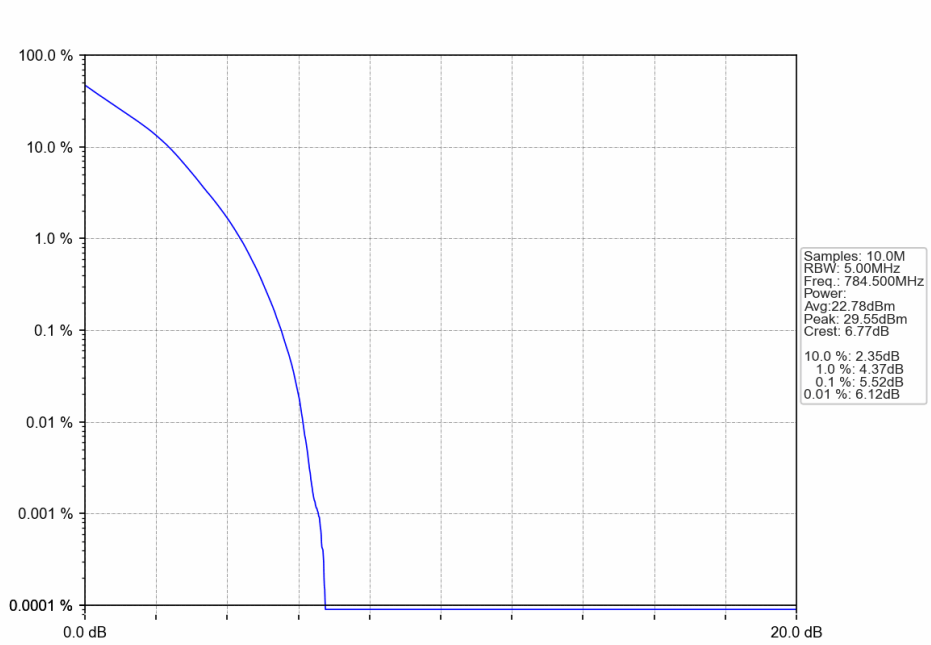
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



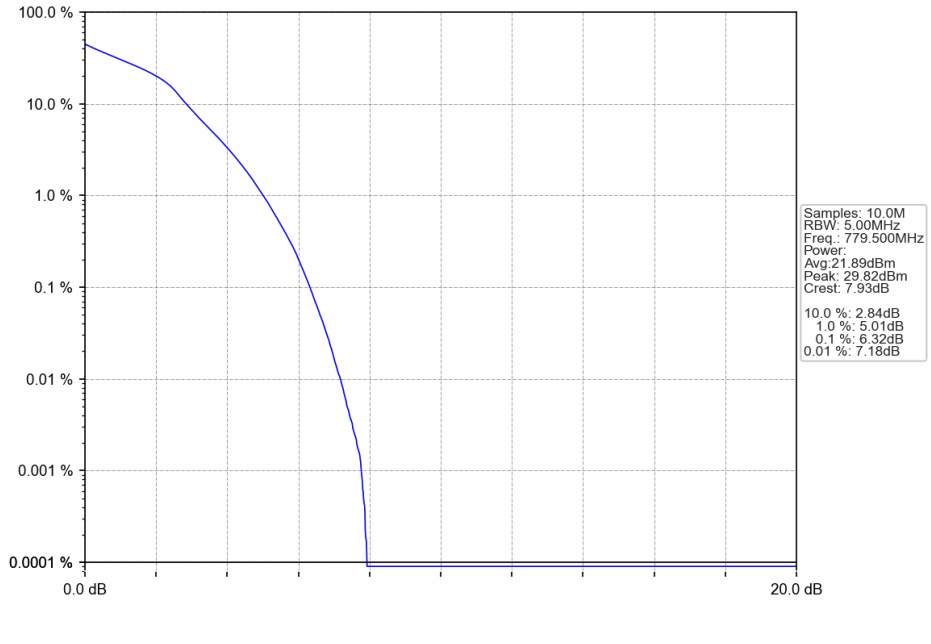
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



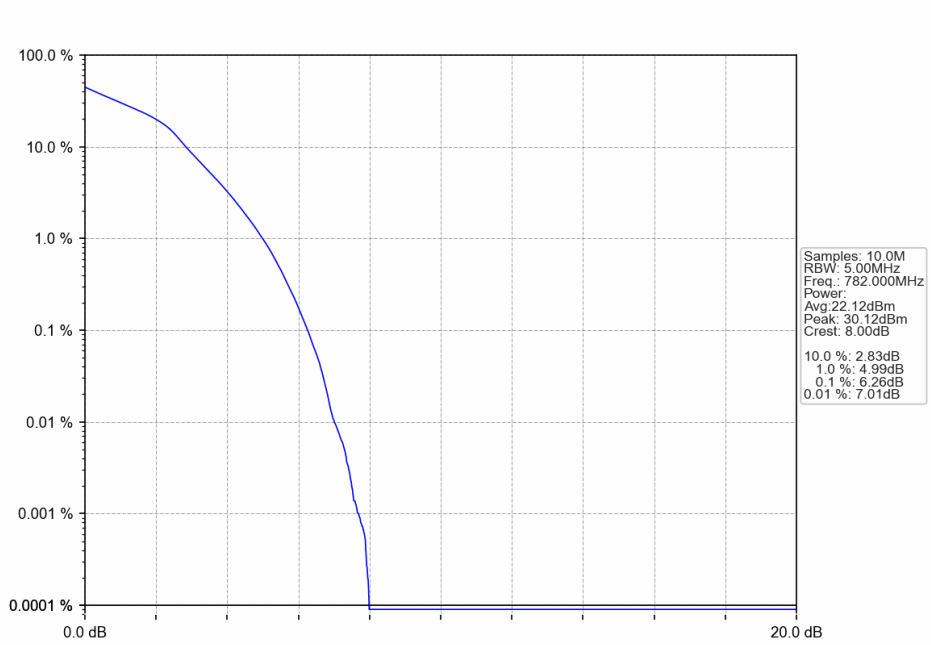
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



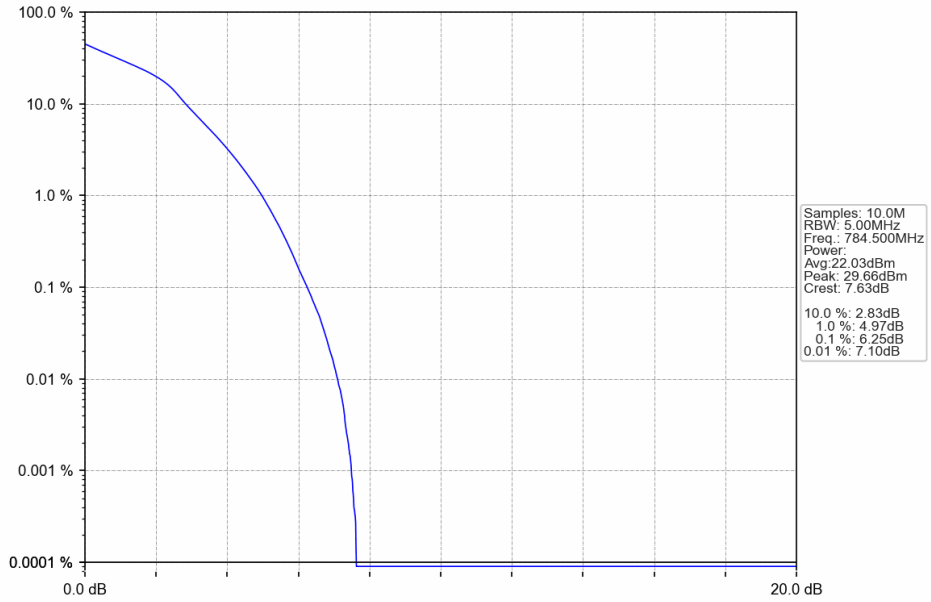
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



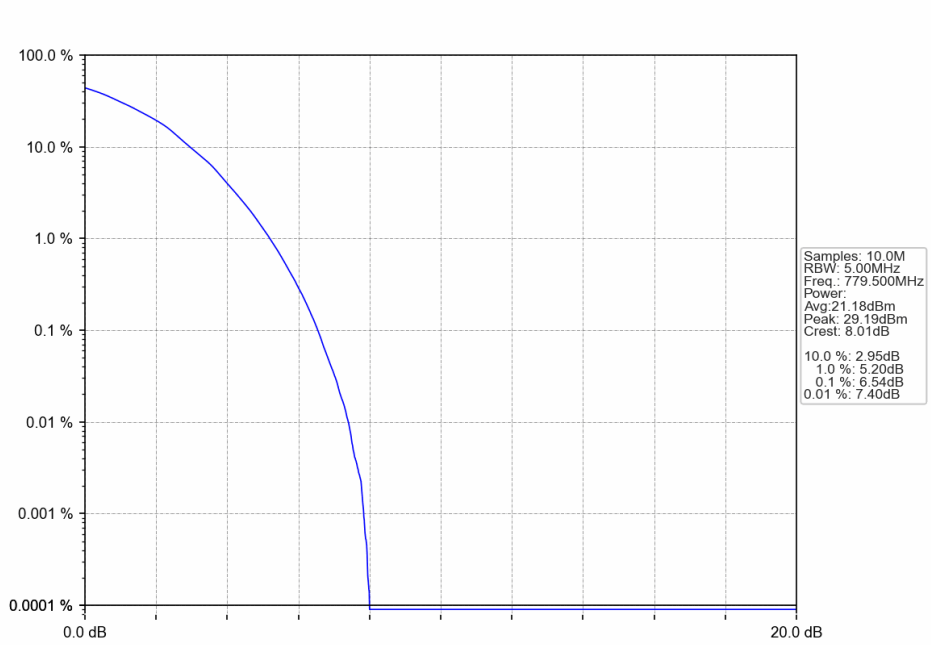
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



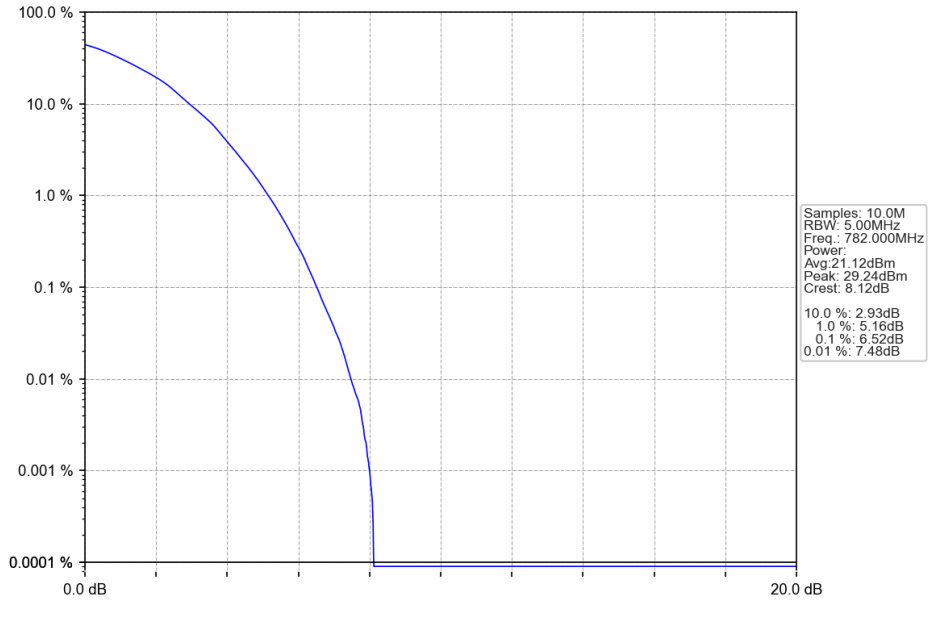
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



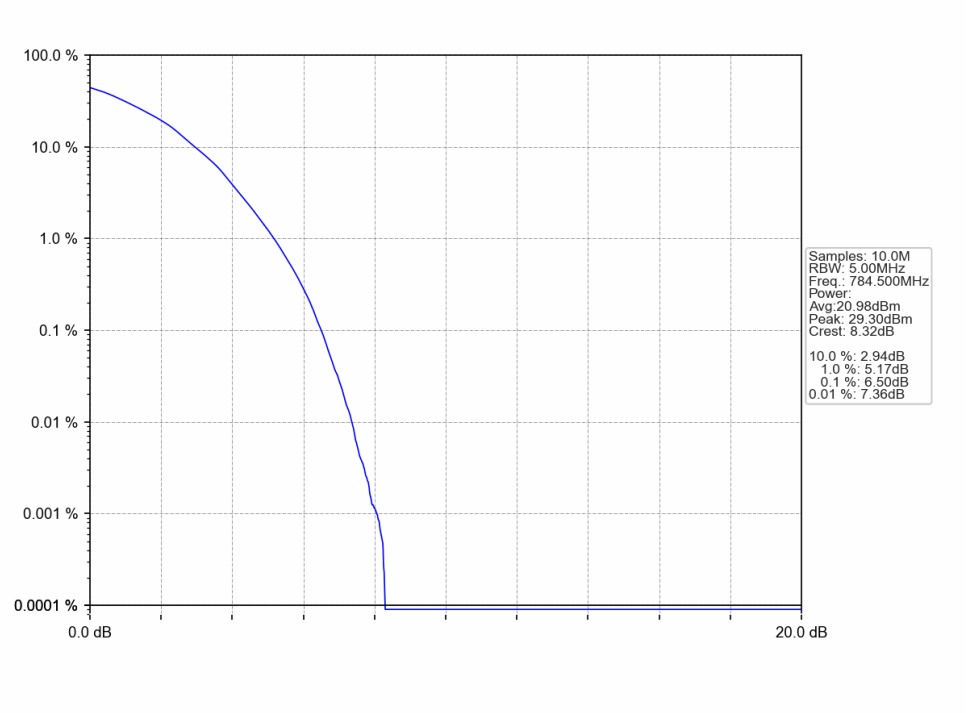
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV

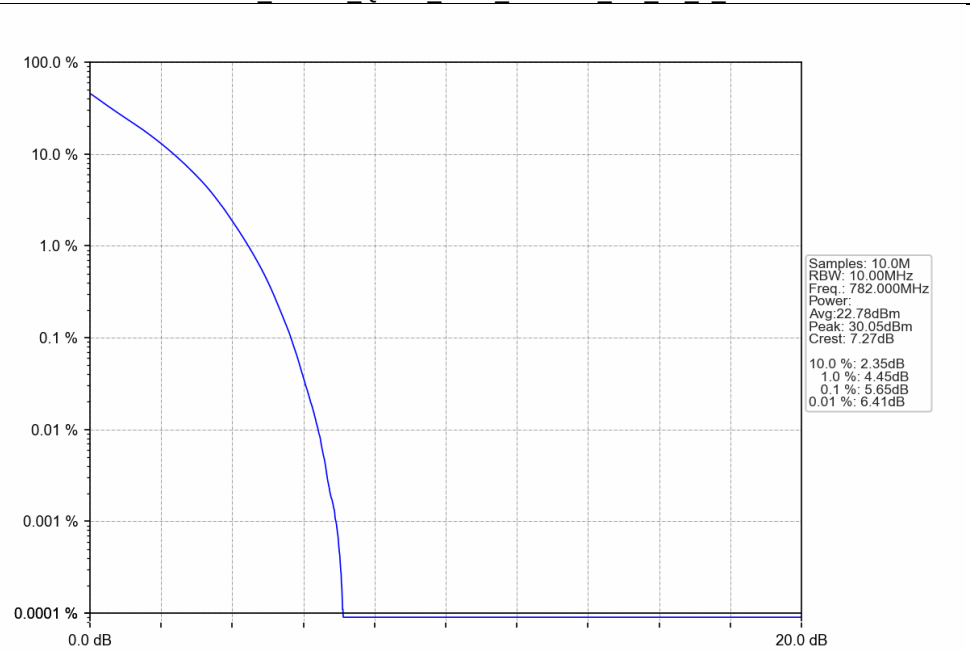


Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV

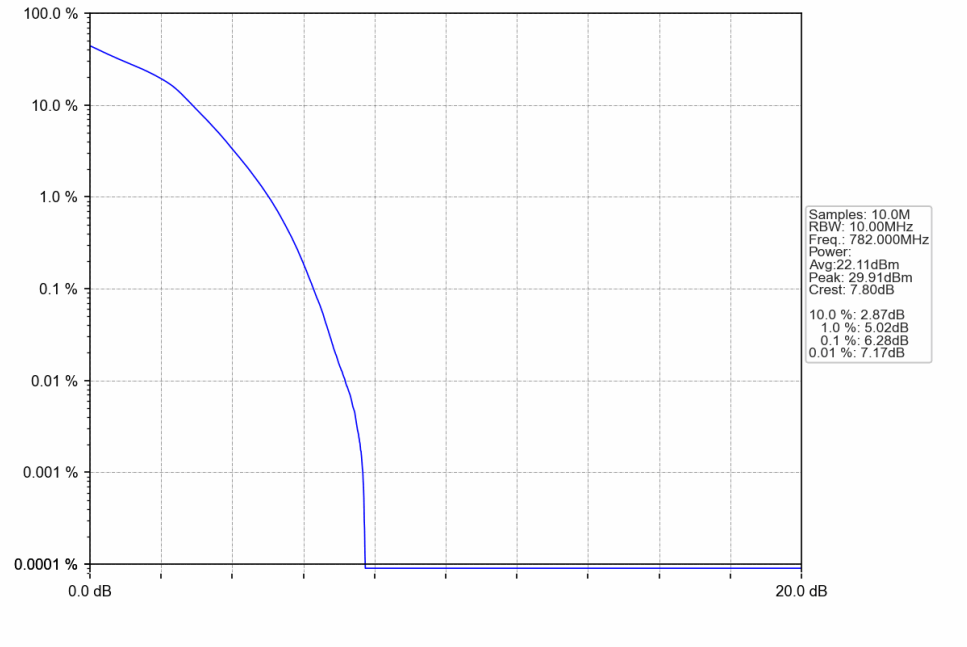


4.2.2 B13_10MHz

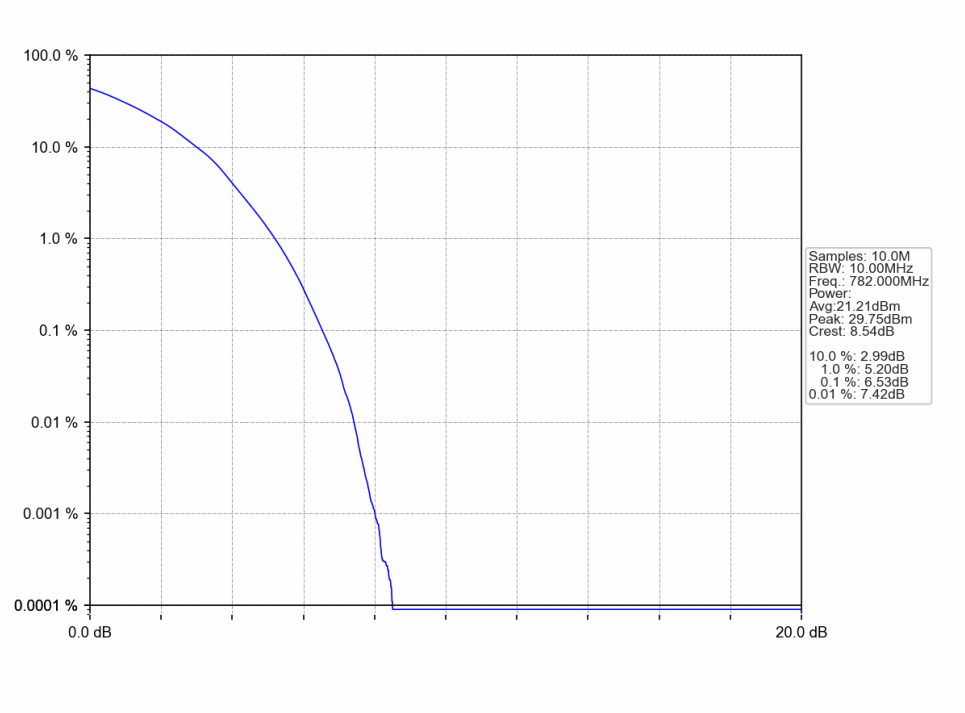
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 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
	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
64QAM	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

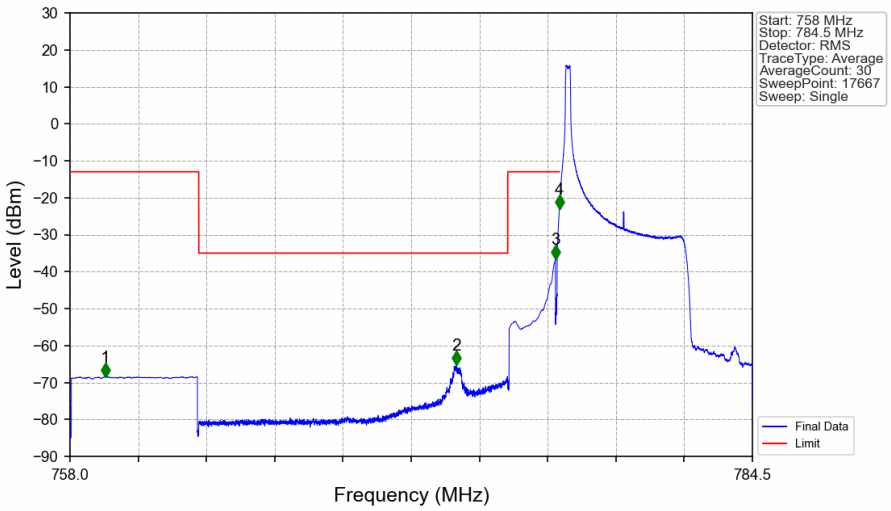
5.1.2 B13_10MHz

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
64QAM	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

5.2 Test Graph

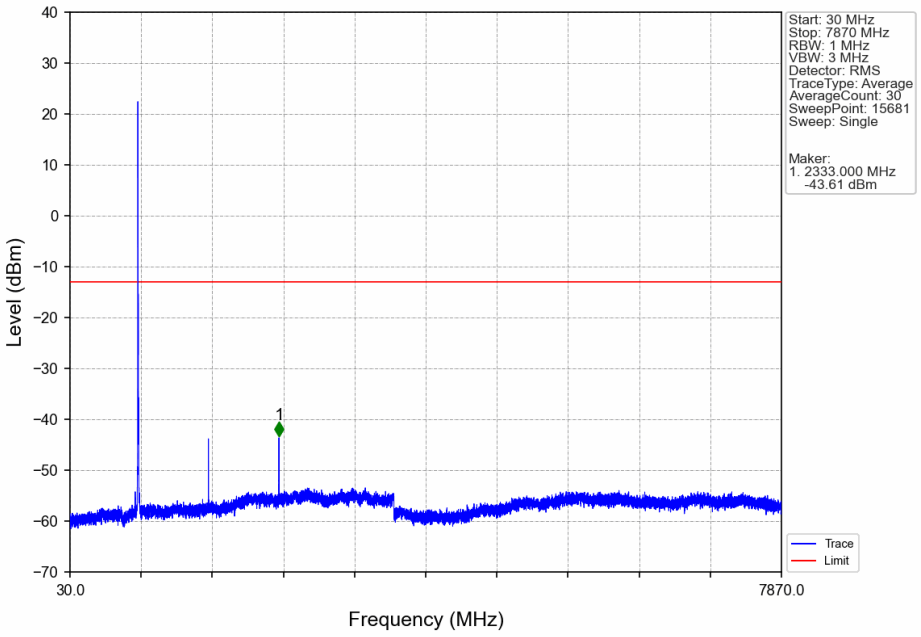
5.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

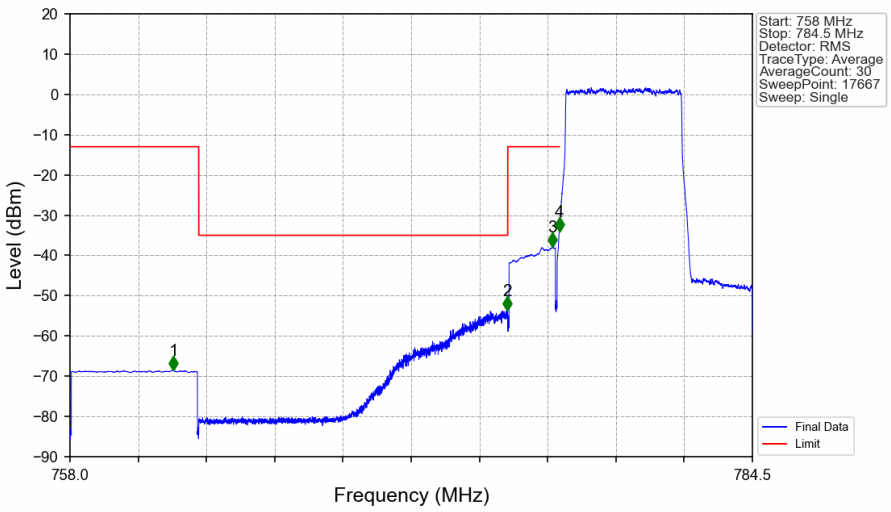


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.364	-68.45	-13	Pass
763	775	0.00625	CHP	2	773.011	-65.29	-35	Pass
775	776.9	0.1	CHP	3	776.850	-36.55	-13	Pass
776.9	777	0.03	CHP	4	777.000	-23.01	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

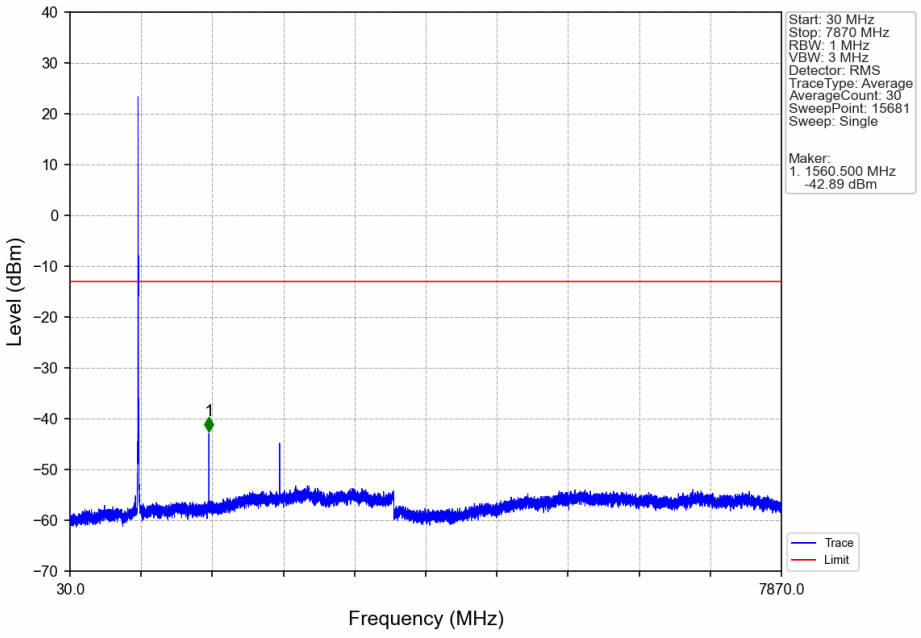


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

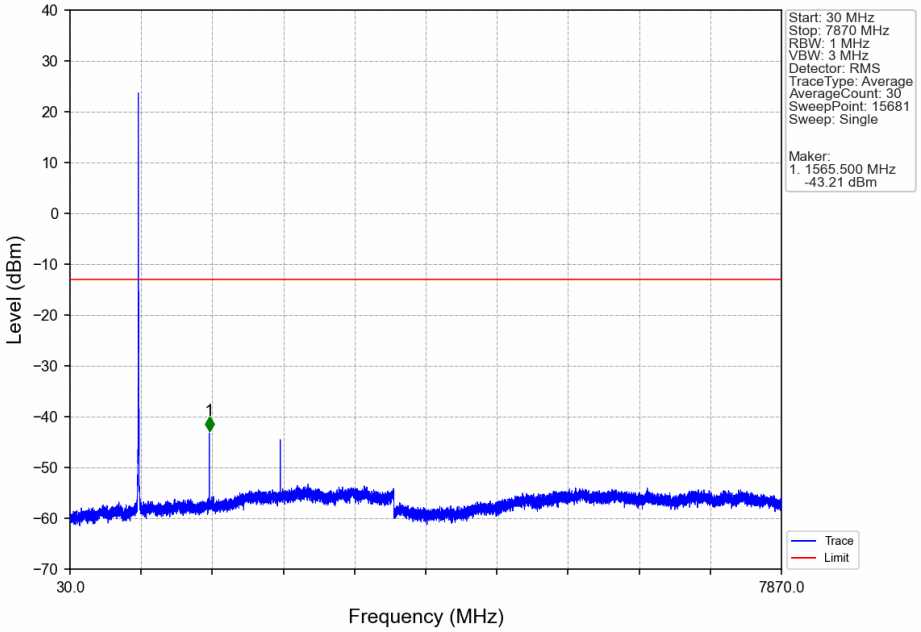


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.025	-68.57	-13	Pass
763	775	0.00625	CHP	2	774.991	-53.65	-35	Pass
775	776.9	0.1	CHP	3	776.733	-37.94	-13	Pass
776.9	777	0.03	CHP	4	777.000	-34.08	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

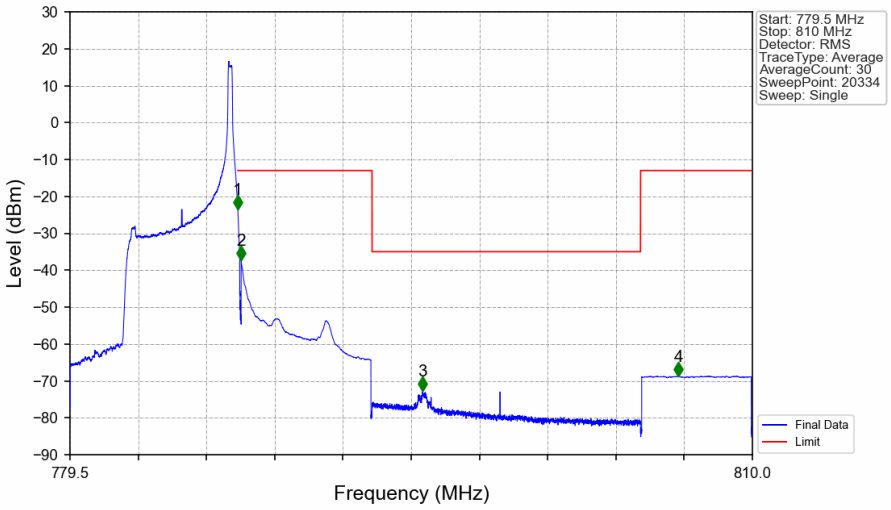
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

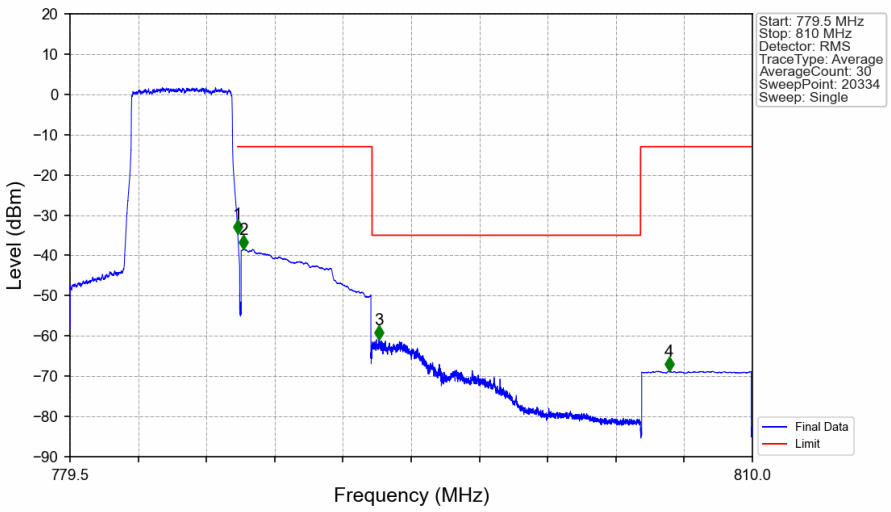


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



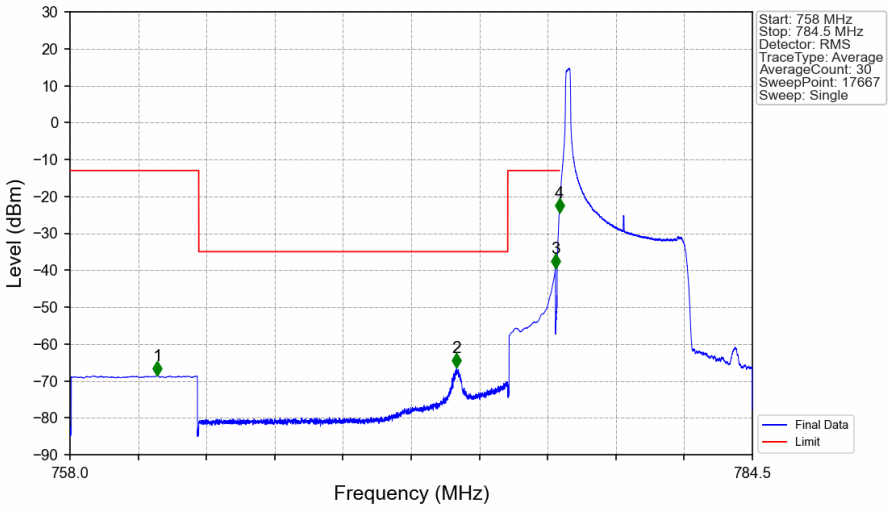
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-23.52	-13	Pass
787.1	793	0.1	CHP	2	787.150	-37.33	-13	Pass
793	805	0.00625	CHP	3	795.265	-72.71	-35	Pass
805	810	0.1	CHP	4	806.691	-68.63	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



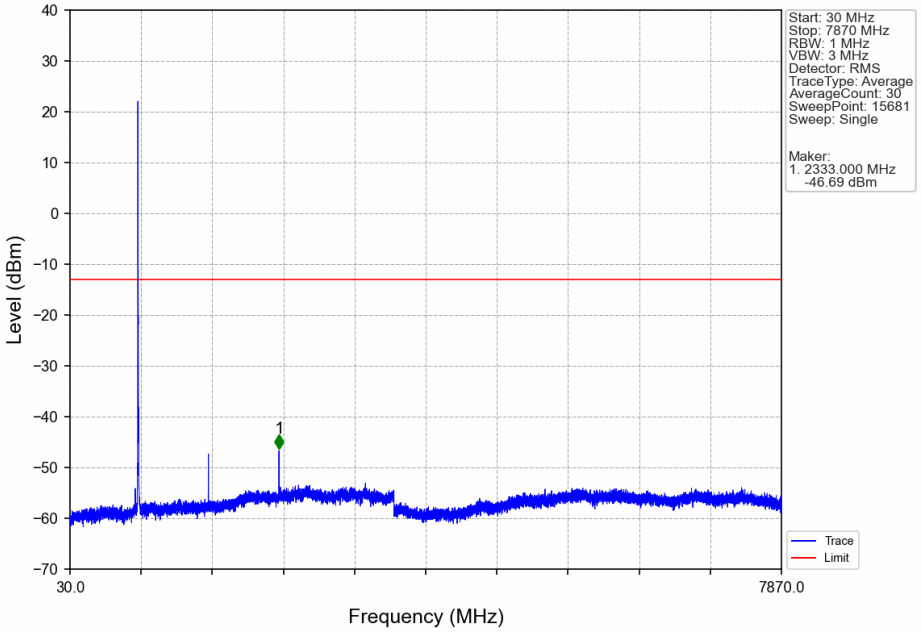
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-34.62	-13	Pass
787.1	793	0.1	CHP	2	787.267	-38.41	-13	Pass
793	805	0.00625	CHP	3	793.309	-60.85	-35	Pass
805	810	0.1	CHP	4	806.275	-68.78	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

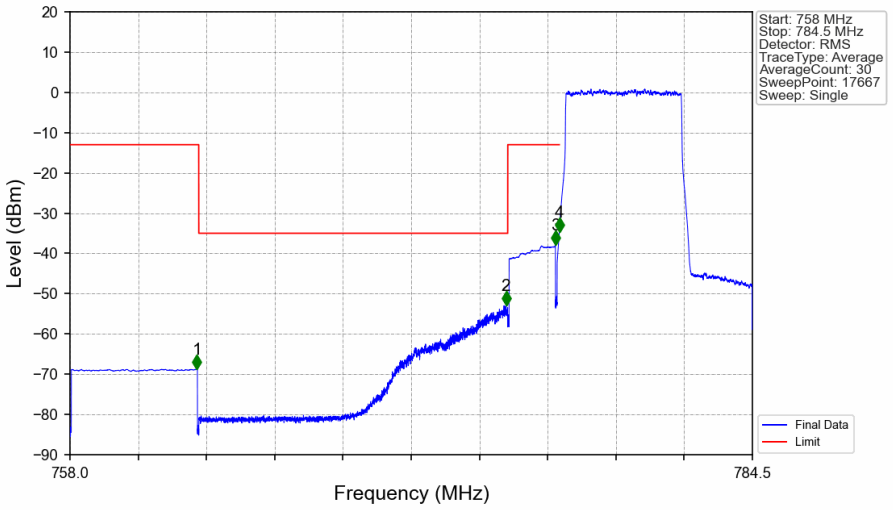


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.390	-68.62	-13	Pass
763	775	0.00625	CHP	2	773.011	-66.28	-35	Pass
775	776.9	0.1	CHP	3	776.850	-39.42	-13	Pass
776.9	777	0.03	CHP	4	777.000	-24.39	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

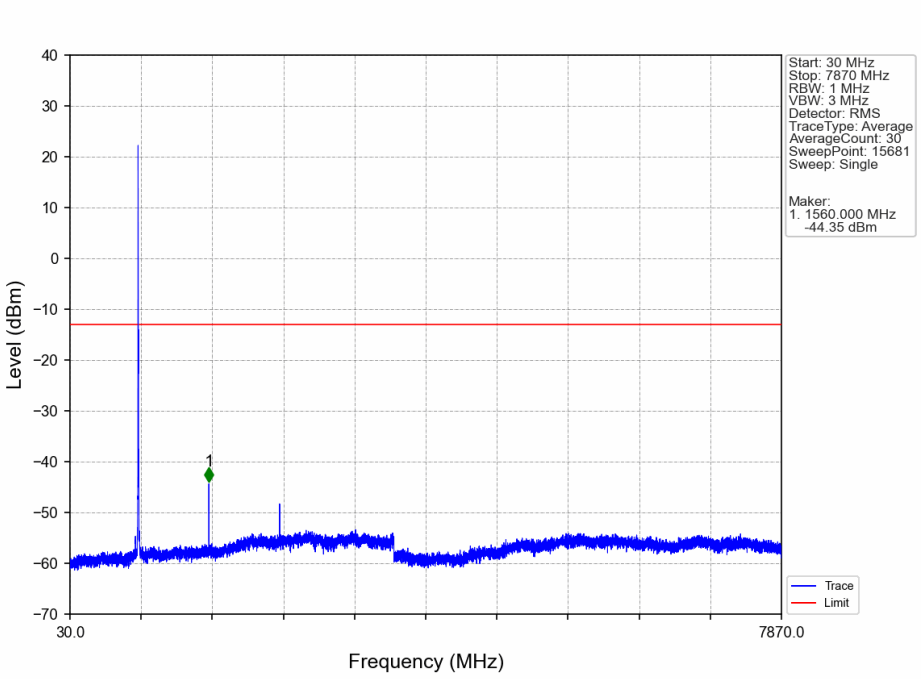


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

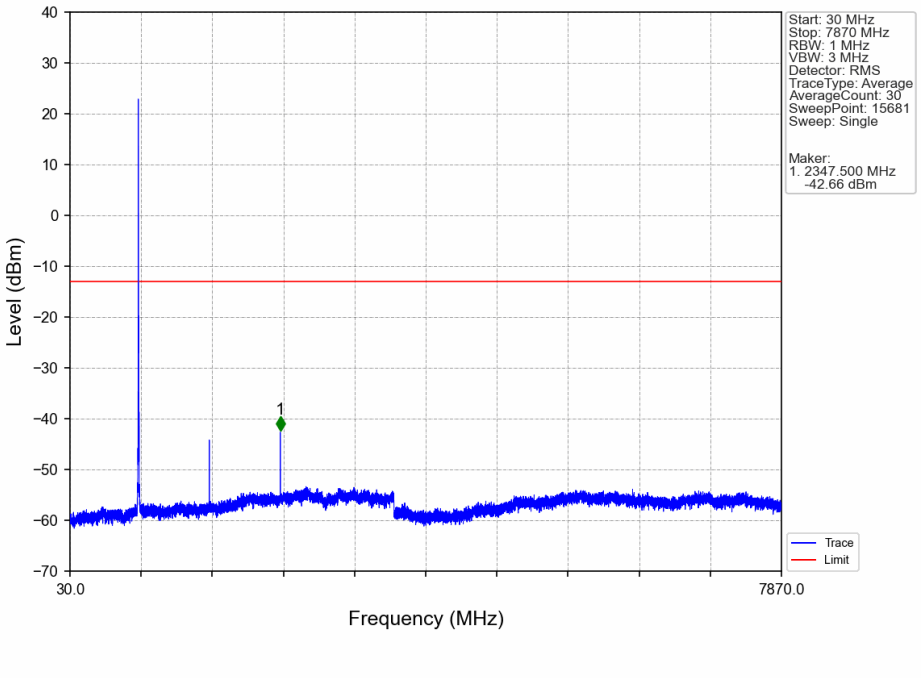


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.922	-68.73	-13	Pass
763	775	0.00625	CHP	2	774.933	-52.91	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.92	-13	Pass
776.9	777	0.03	CHP	4	777.000	-34.64	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

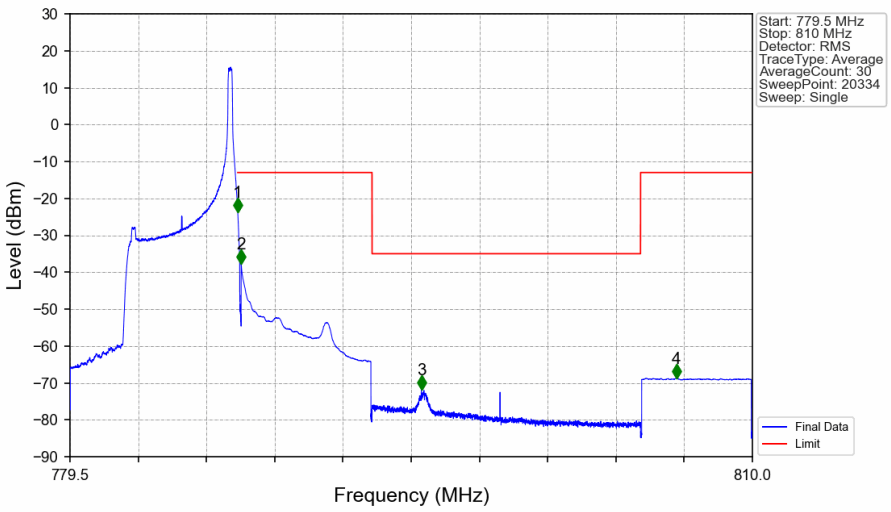
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

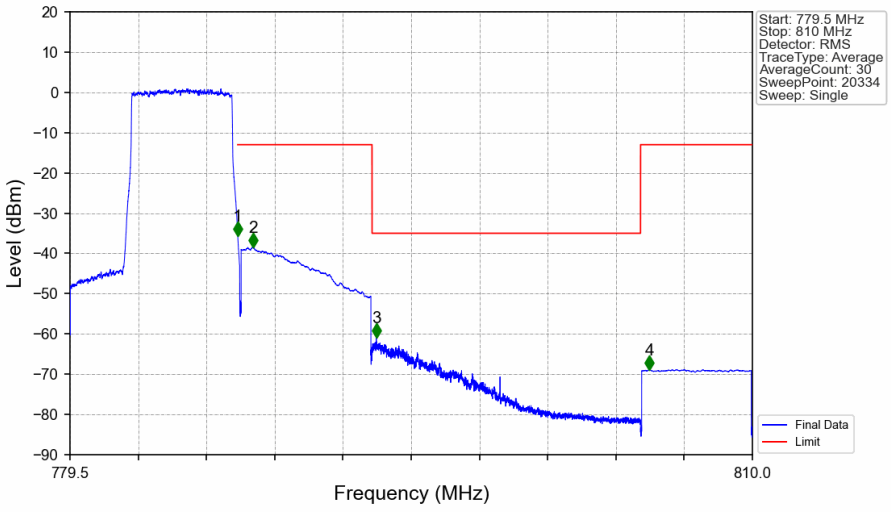


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



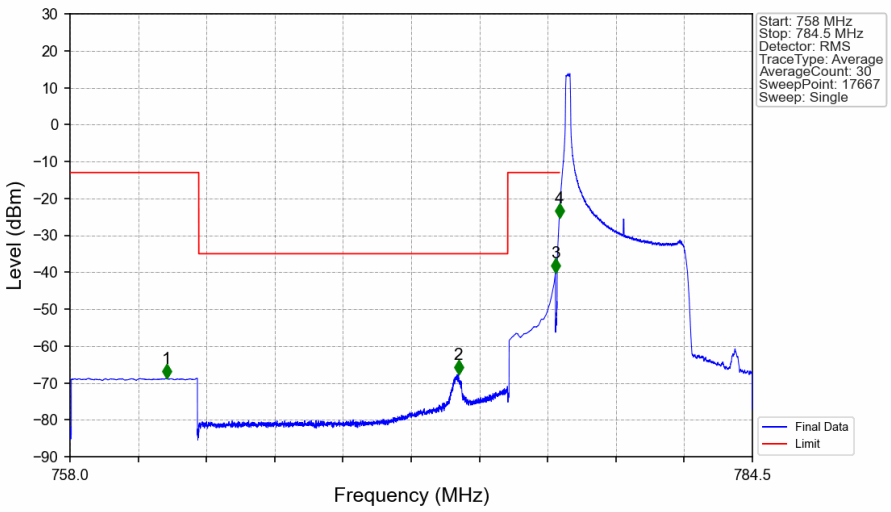
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-23.75	-13	Pass
787.1	793	0.1	CHP	2	787.150	-37.63	-13	Pass
793	805	0.00625	CHP	3	795.202	-71.88	-35	Pass
805	810	0.1	CHP	4	806.613	-68.75	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



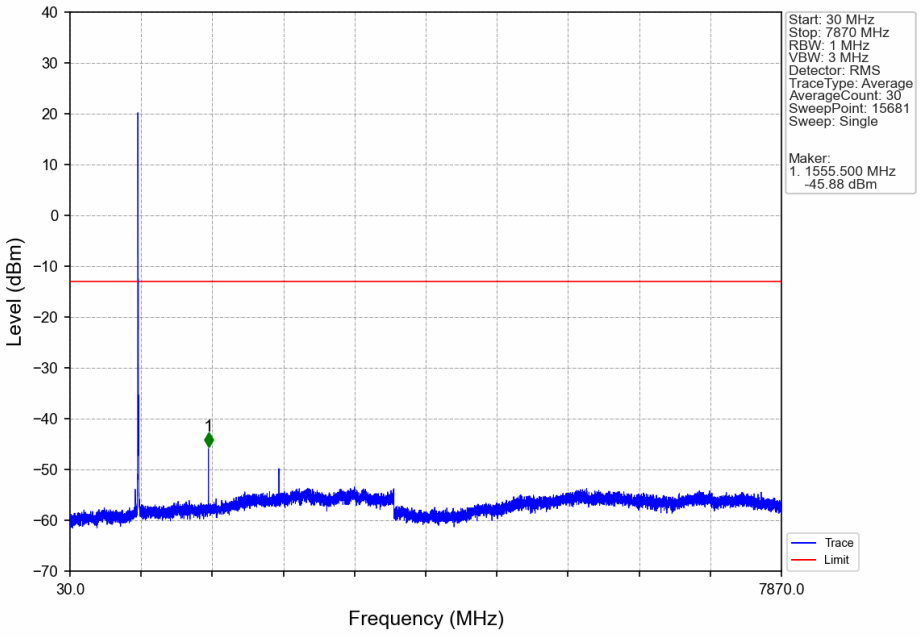
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-35.69	-13	Pass
787.1	793	0.1	CHP	2	787.677	-38.36	-13	Pass
793	805	0.00625	CHP	3	793.192	-60.95	-35	Pass
805	810	0.1	CHP	4	805.389	-68.88	-13	Pass

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

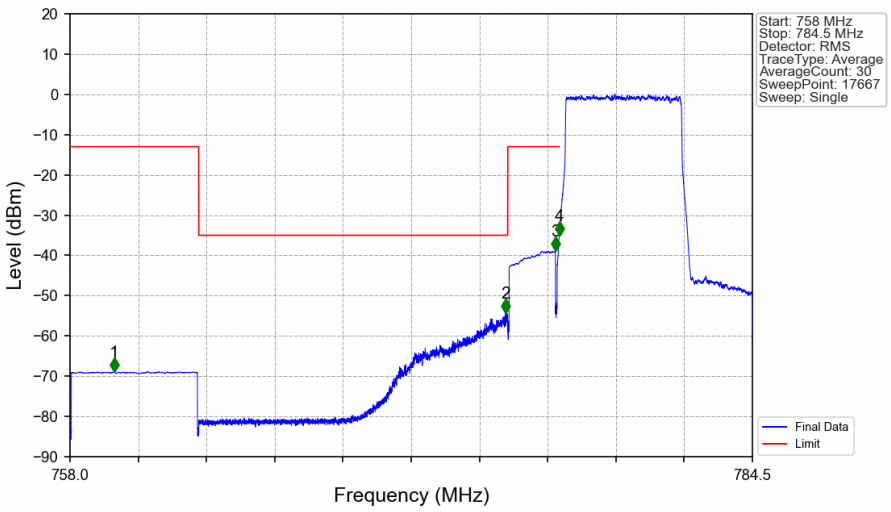


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.747	-68.74	-13	Pass
763	775	0.00625	CHP	2	773.088	-67.60	-35	Pass
775	776.9	0.1	CHP	3	776.850	-40.11	-13	Pass
776.9	777	0.03	CHP	4	777.000	-25.22	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

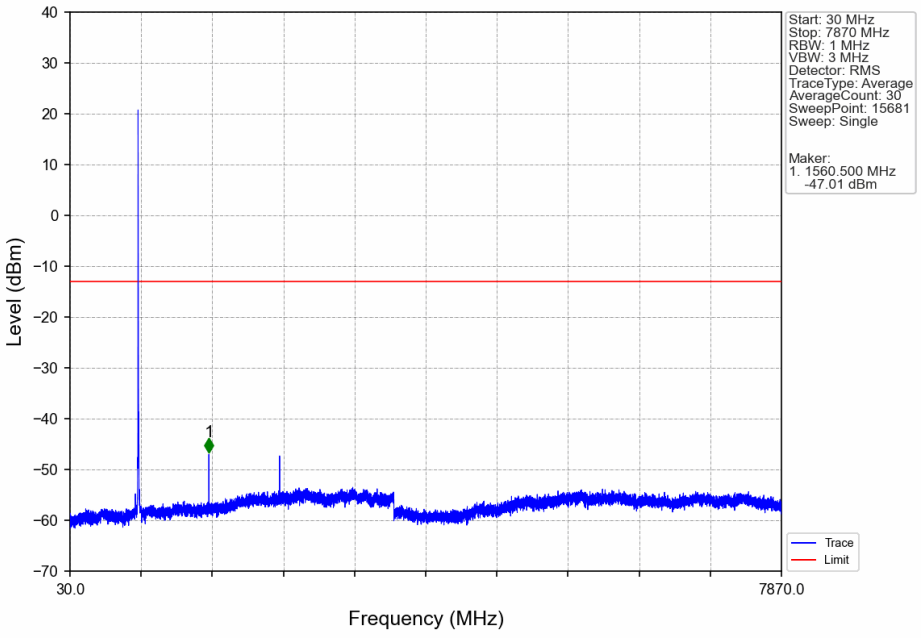


Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV

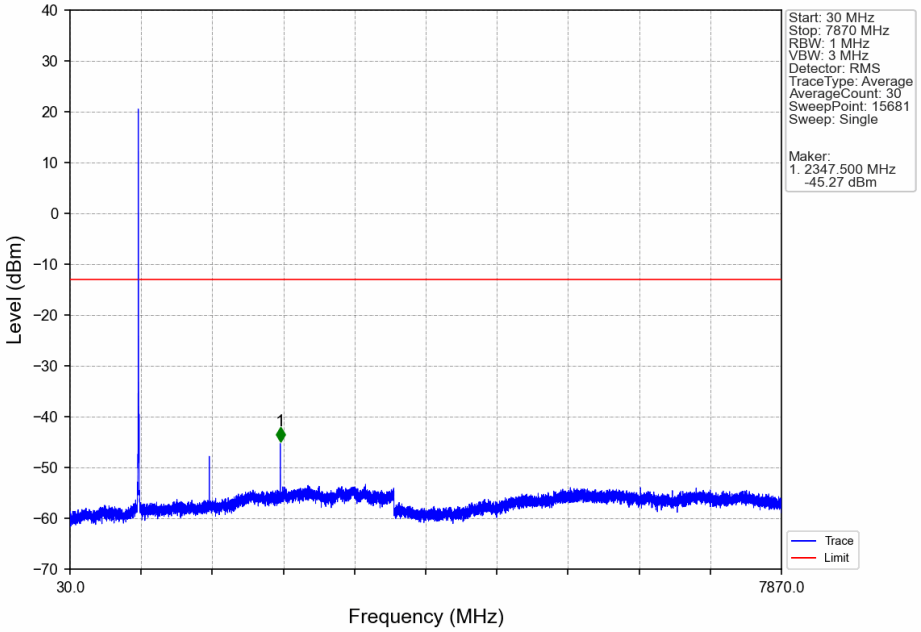


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.718	-68.87	-13	Pass
763	775	0.00625	CHP	2	774.918	-54.22	-35	Pass
775	776.9	0.1	CHP	3	776.850	-38.81	-13	Pass
776.9	777	0.03	CHP	4	777.000	-35.09	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

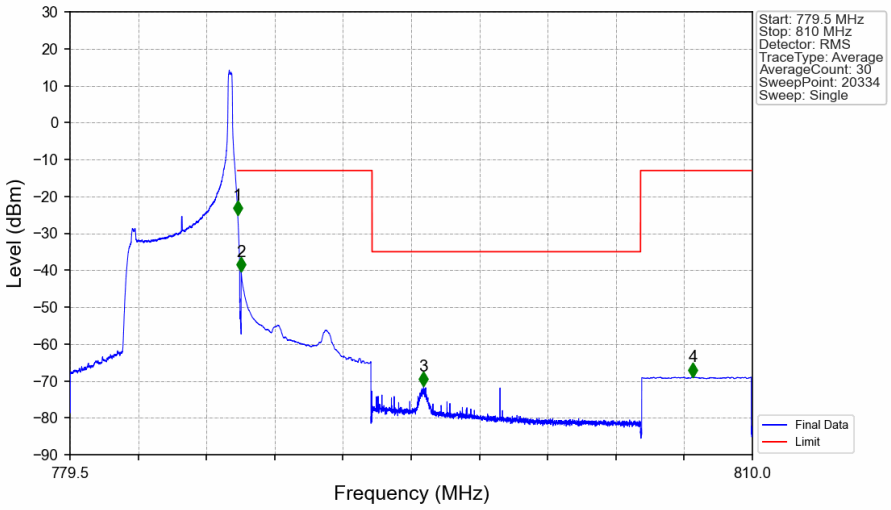
Band13_5MHz_64QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_0_NTNV

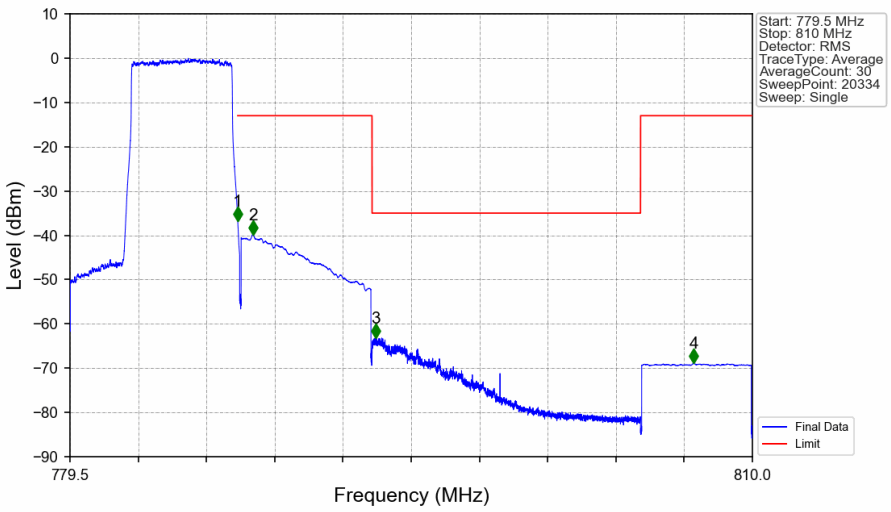


Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_24_NTNV



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	-24.95	-13	Pass
787.1	793	0.1	CHP	2	787.150	-40.25	-13	Pass
793	805	0.00625	CHP	3	795.304	-71.41	-35	Pass
805	810	0.1	CHP	4	807.334	-68.84	-13	Pass

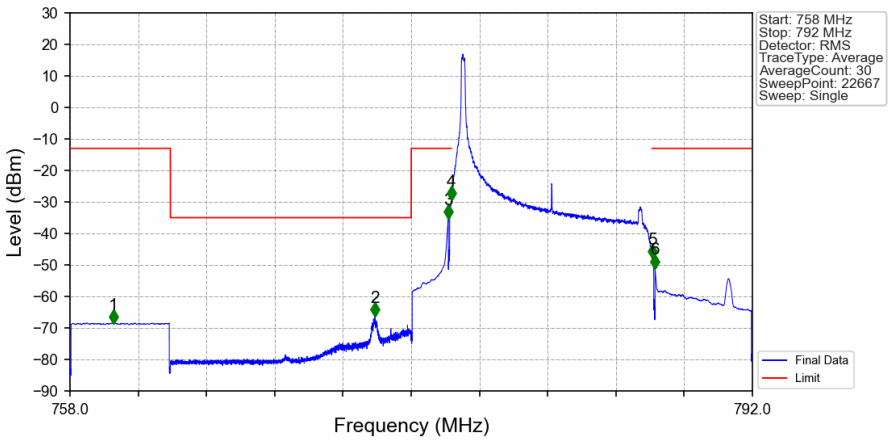
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-36.80	-13	Pass
787.1	793	0.1	CHP	2	787.674	-39.78	-13	Pass
793	805	0.00625	CHP	3	793.147	-63.15	-35	Pass
805	810	0.1	CHP	4	807.370	-68.88	-13	Pass

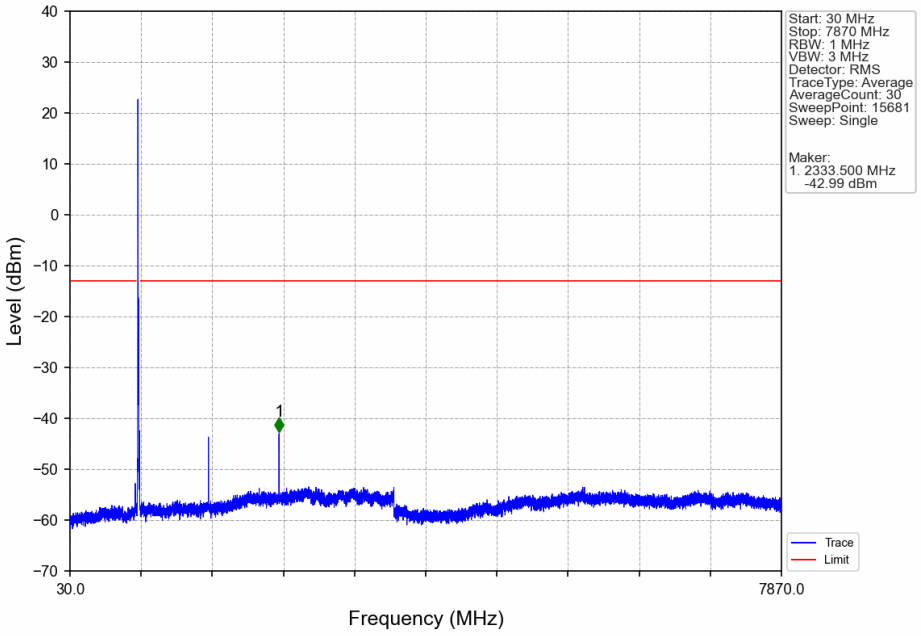
5.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

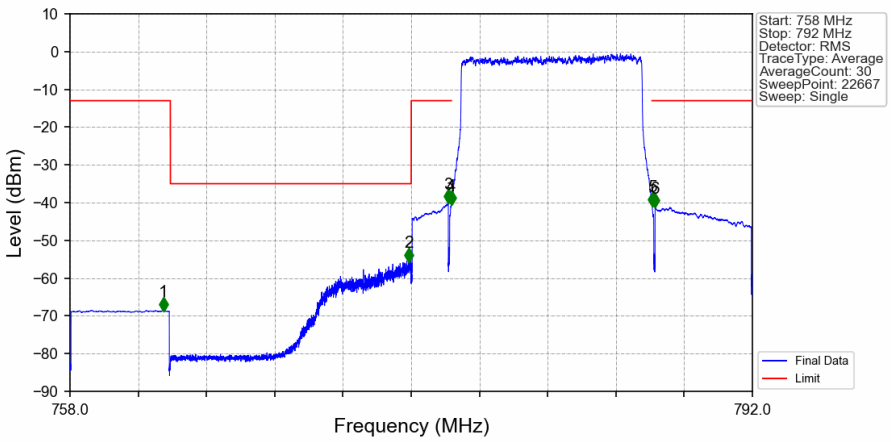


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.156	-68.35	-13	Pass
763	775	0.00625	CHP	2	773.194	-66.10	-35	Pass
775	776.9	0.1	CHP	3	776.850	-35.02	-13	Pass
776.9	777	0.03	CHP	4	777.000	-29.14	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-47.54	-13	Pass
787.1	792	0.1	CHP	6	787.150	-50.80	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

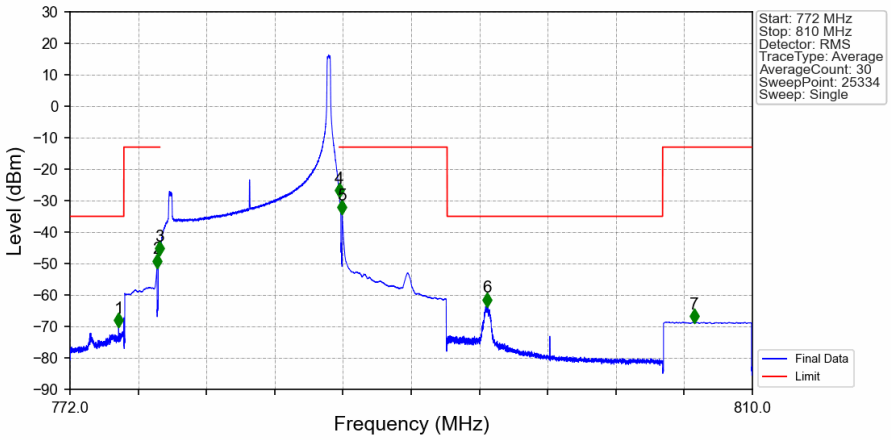


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



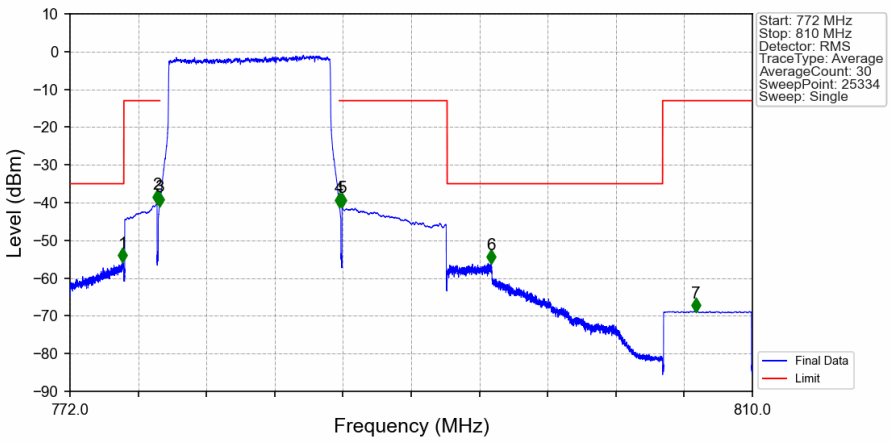
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.646	-68.42	-13	Pass
763	775	0.00625	CHP	2	774.880	-55.38	-35	Pass
775	776.9	0.1	CHP	3	776.848	-39.96	-13	Pass
776.9	777	0.03	CHP	4	776.995	-40.31	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-40.63	-13	Pass
787.1	792	0.1	CHP	6	787.152	-40.99	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



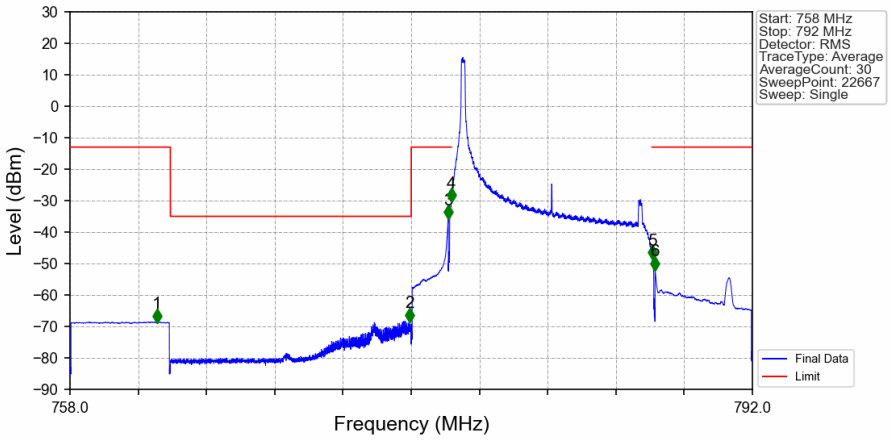
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.709	-69.85	-35	Pass
775	776.9	0.1	CHP	2	776.850	-51.01	-13	Pass
776.9	777	0.03	CHP	3	776.992	-47.03	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-28.67	-13	Pass
787.1	793	0.1	CHP	5	787.150	-34.00	-13	Pass
793	805	0.00625	CHP	6	795.213	-63.38	-35	Pass
805	810	0.1	CHP	7	806.764	-68.57	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



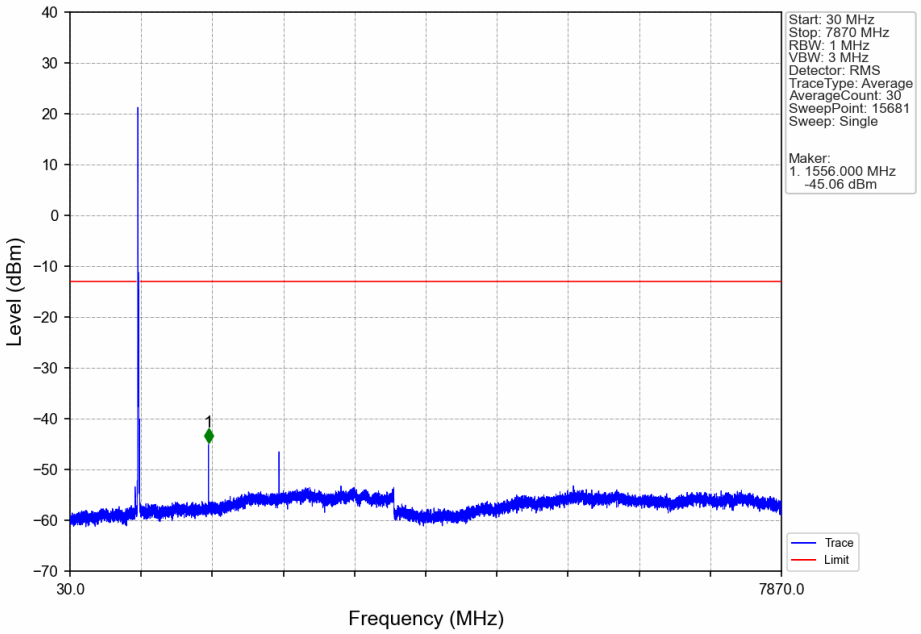
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.927	-55.57	-35	Pass
775	776.9	0.1	CHP	2	776.850	-40.03	-13	Pass
776.9	777	0.03	CHP	3	777.000	-40.63	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-40.85	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.87	-13	Pass
793	805	0.00625	CHP	6	795.460	-56.00	-35	Pass
805	810	0.1	CHP	7	806.848	-68.69	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

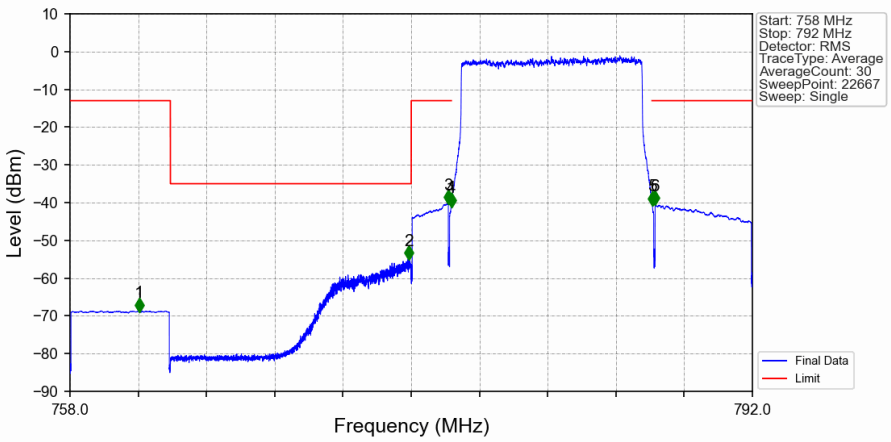


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.343	-68.50	-13	Pass
763	775	0.00625	CHP	2	774.931	-68.20	-35	Pass
775	776.9	0.1	CHP	3	776.850	-35.59	-13	Pass
776.9	777	0.03	CHP	4	777.000	-30.06	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-48.37	-13	Pass
787.1	792	0.1	CHP	6	787.150	-51.84	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

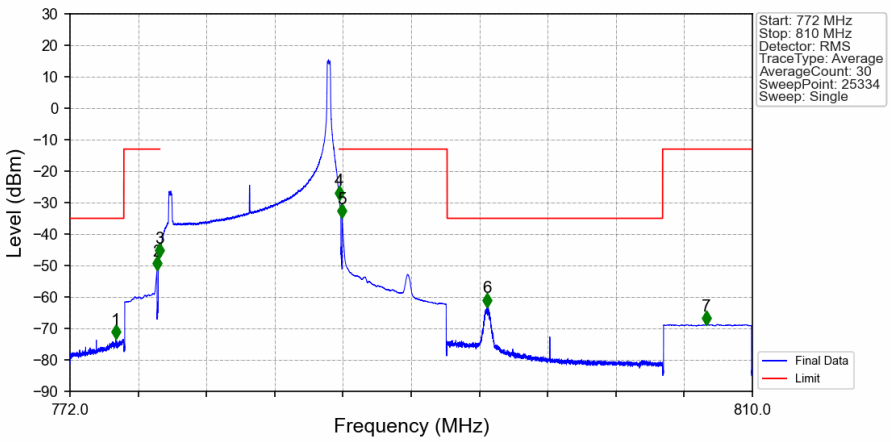


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



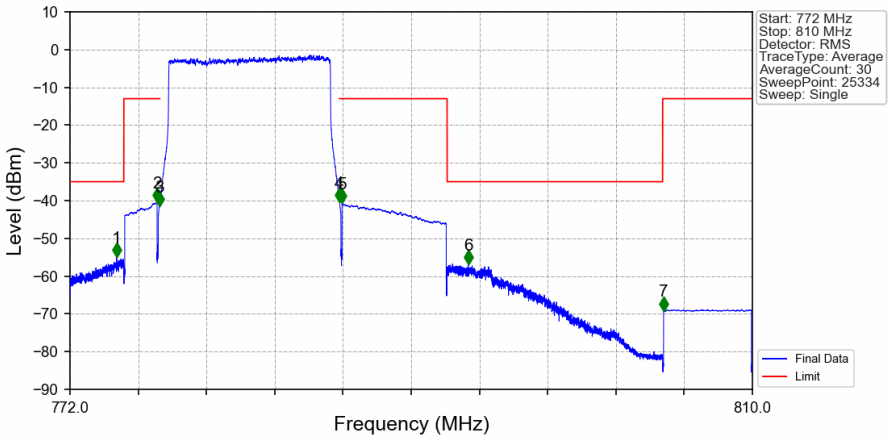
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.441	-68.66	-13	Pass
763	775	0.00625	CHP	2	774.875	-54.84	-35	Pass
775	776.9	0.1	CHP	3	776.850	-40.06	-13	Pass
776.9	777	0.03	CHP	4	776.997	-40.85	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.005	-40.43	-13	Pass
787.1	792	0.1	CHP	6	787.153	-40.26	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



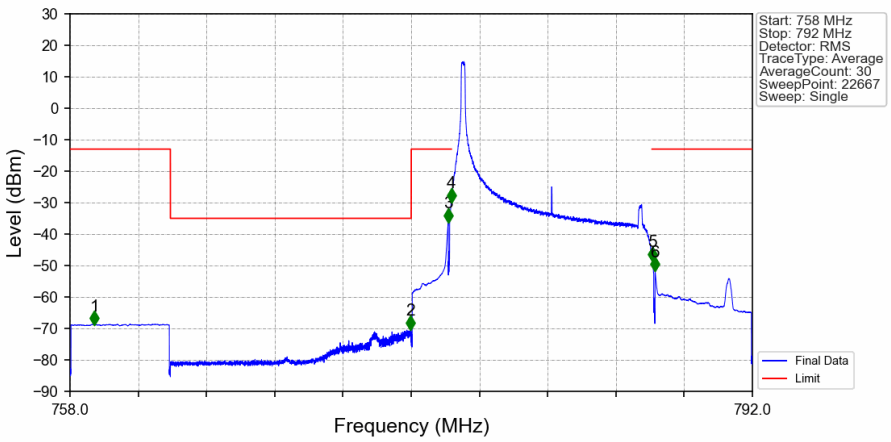
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.544	-72.93	-35	Pass
775	776.9	0.1	CHP	2	776.850	-51.19	-13	Pass
776.9	777	0.03	CHP	3	776.997	-47.12	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-28.72	-13	Pass
787.1	793	0.1	CHP	5	787.150	-34.59	-13	Pass
793	805	0.00625	CHP	6	795.220	-62.85	-35	Pass
805	810	0.1	CHP	7	807.439	-68.67	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



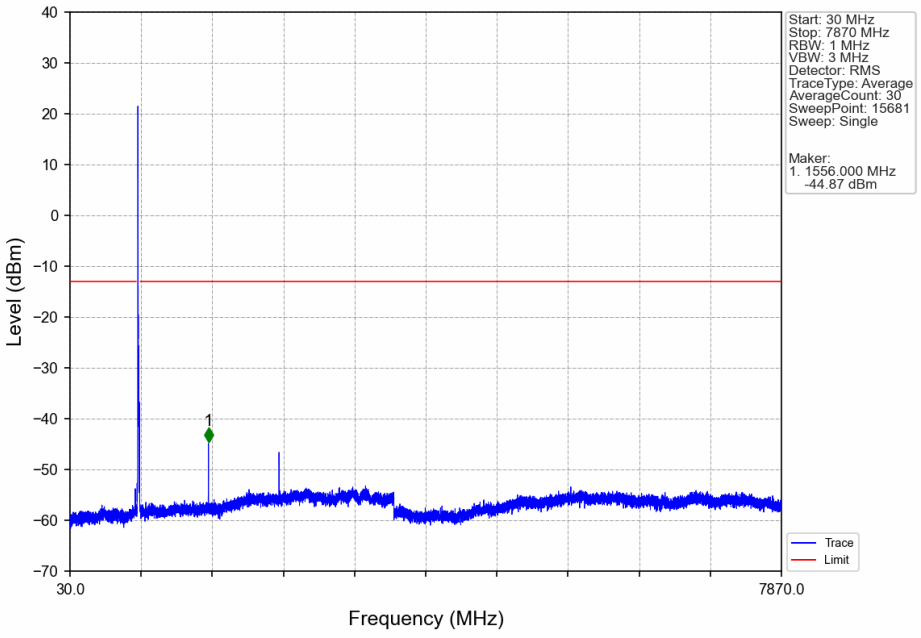
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.597	-54.65	-35	Pass
775	776.9	0.1	CHP	2	776.850	-40.09	-13	Pass
776.9	777	0.03	CHP	3	776.991	-41.23	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.002	-40.05	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.37	-13	Pass
793	805	0.00625	CHP	6	794.175	-56.55	-35	Pass
805	810	0.1	CHP	7	805.053	-68.85	-13	Pass

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

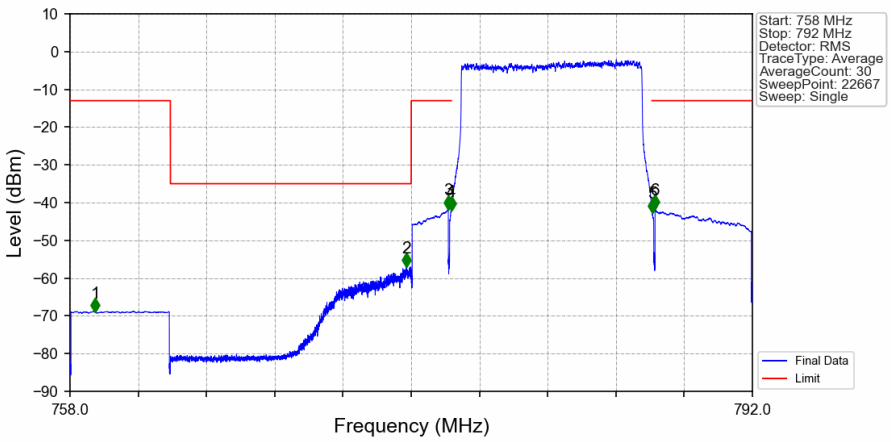


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.211	-68.59	-13	Pass
763	775	0.00625	CHP	2	774.949	-70.05	-35	Pass
775	776.9	0.1	CHP	3	776.850	-35.92	-13	Pass
776.9	777	0.03	CHP	4	777.000	-29.49	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-48.19	-13	Pass
787.1	792	0.1	CHP	6	787.150	-51.51	-13	Pass

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

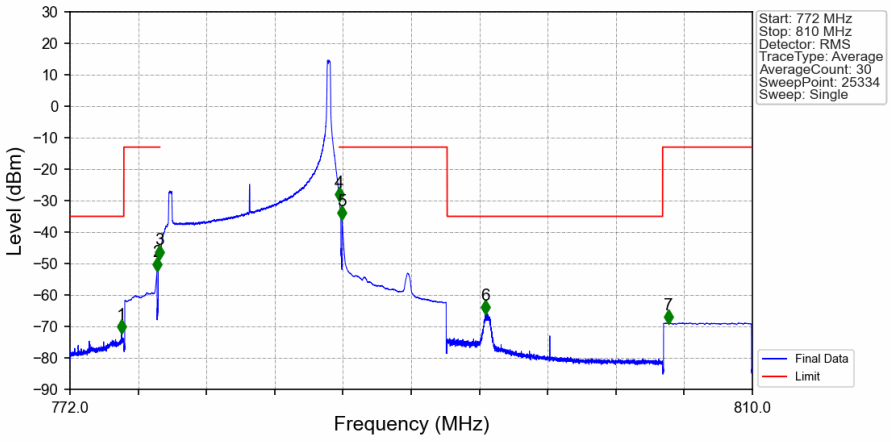


Band13_10MHz_64QAM_LCH_782MHz_RB_50_0_NTNV



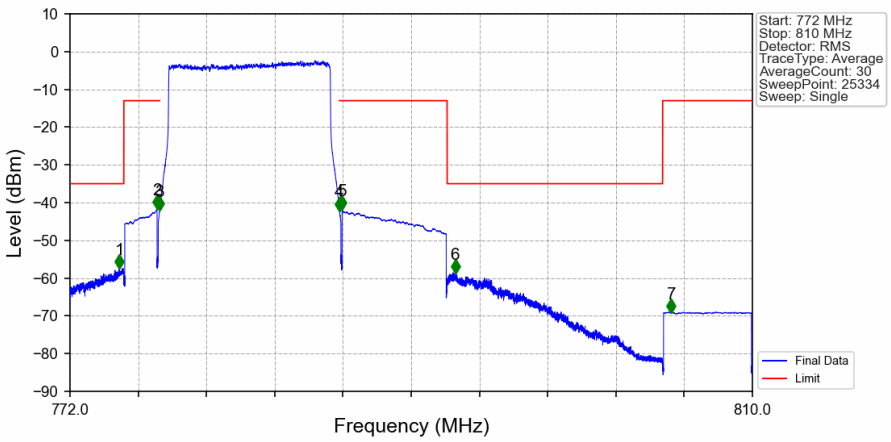
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.257	-68.77	-13	Pass
763	775	0.00625	CHP	2	774.761	-56.85	-35	Pass
775	776.9	0.1	CHP	3	776.850	-41.50	-13	Pass
776.9	777	0.03	CHP	4	777.000	-41.89	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-42.33	-13	Pass
787.1	792	0.1	CHP	6	787.150	-41.38	-13	Pass

Band13_10MHz_64QAM_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	774.876	-71.89	-35	Pass
775	776.9	0.1	CHP	2	776.850	-52.06	-13	Pass
776.9	777	0.03	CHP	3	777.000	-48.24	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-29.97	-13	Pass
787.1	793	0.1	CHP	5	787.150	-35.83	-13	Pass
793	805	0.00625	CHP	6	795.118	-65.82	-35	Pass
805	810	0.1	CHP	7	805.335	-68.86	-13	Pass

Band13_10MHz_64QAM_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	774.762	-57.27	-35	Pass
775	776.9	0.1	CHP	2	776.850	-41.41	-13	Pass
776.9	777	0.03	CHP	3	777.000	-41.78	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-41.91	-13	Pass
787.1	793	0.1	CHP	5	787.150	-41.58	-13	Pass
793	805	0.00625	CHP	6	793.450	-58.48	-35	Pass
805	810	0.1	CHP	7	805.485	-69.02	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 13-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1555.0	-63.2	-13	-50.2	-66.34	2.6	5.74	Horizontal	Pass
2332.5	-64.74	-13	-51.74	-67.2	2.96	5.42	Horizontal	Pass
3110.0	-56.8	-13	-43.8	-60.8	3.2	7.2	Horizontal	Pass
1555.0	-64.94	-13	-51.94	-68.08	2.6	5.74	Vertical	Pass
2332.5	-68.75	-13	-55.75	-71.21	2.96	5.42	Vertical	Pass
3110.0	-61.59	-13	-48.59	-65.59	3.2	7.2	Vertical	Pass

LTE Band 13-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1554.5	-63.48	-13	-50.48	-66.62	2.6	5.74	Horizontal	Pass
2331.75	-64.35	-13	-51.35	-66.81	2.96	5.42	Horizontal	Pass
3109.0	-55.74	-13	-42.74	-59.73	3.2	7.19	Horizontal	Pass
1554.5	-66.24	-13	-53.24	-69.38	2.6	5.74	Vertical	Pass
2331.75	-68.62	-13	-55.62	-71.08	2.96	5.42	Vertical	Pass
3109.0	-62.11	-13	-49.11	-66.1	3.2	7.19	Vertical	Pass

LTE Band 13-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1559.5	-62.84	-40	-22.84	-65.97	2.6	5.73	Horizontal	Pass
2339.25	-67.97	-13	-54.97	-70.44	2.96	5.43	Horizontal	Pass
3119.0	-58.21	-13	-45.21	-62.22	3.21	7.22	Horizontal	Pass
1559.5	-66.16	-40	-26.16	-69.29	2.6	5.73	Vertical	Pass
2339.25	-68.96	-13	-55.96	-71.43	2.96	5.43	Vertical	Pass
3119.0	-64.1	-13	-51.1	-68.11	3.21	7.22	Vertical	Pass

LTE Band 13-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1564.5	-61.6	-40	-21.6	-64.72	2.6	5.72	Horizontal	Pass
2346.75	-67.52	-13	-54.52	-70.0	2.97	5.45	Horizontal	Pass
3129.0	-55.71	-13	-42.71	-59.74	3.21	7.24	Horizontal	Pass
1564.5	-66.47	-40	-26.47	-69.59	2.6	5.72	Vertical	Pass
2346.75	-66.12	-13	-53.12	-68.6	2.97	5.45	Vertical	Pass
3129.0	-60.87	-13	-47.87	-64.9	3.21	7.24	Vertical	Pass