1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B14_5MHz_ERP

Band: 14 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	790.5	1	0	22.38	-3.39	16.84	<=34.77	Pass
			13	22.33	-3.39	16.79	<=34.77	Pass
			24	22.22	-3.39	16.68	<=34.77	Pass
		12	0	21.34	-3.39	15.80	<=34.77	Pass
			6	21.41	-3.39	15.87	<=34.77	Pass
			13	21.31	-3.39	15.77	<=34.77	Pass
		25	0	21.37	-3.39	15.83	<=34.77	Pass
	793	1	0	22.34	-3.39	16.80	<=34.77	Pass
			13	22.31	-3.39	16.77	<=34.77	Pass
			24	22.14	-3.39	16.60	<=34.77	Pass
		12	0	21.30	-3.39	15.76	<=34.77	Pass
			6	21.31	-3.39	15.77	<=34.77	Pass
			13	21.26	-3.39	15.72	<=34.77	Pass
		25	0	21.26	-3.39	15.72	<=34.77	Pass
	795.5	1	0	22.36	-3.39	16.82	<=34.77	Pass
			13	22.29	-3.39	16.75	<=34.77	Pass
			24	22.13	-3.39	16.59	<=34.77	Pass
		12	0	21.26	-3.39	15.72	<=34.77	Pass
			6	21.27	-3.39	15.73	<=34.77	Pass
			13	21.23	-3.39	15.69	<=34.77	Pass
		25	0	21.24	-3.39	15.70	<=34.77	Pass
16QAM	790.5	1	0	21.33	-3.39	15.79	<=34.77	Pass
			13	21.31	-3.39	15.77	<=34.77	Pass
			24	21.20	-3.39	15.66	<=34.77	Pass
		12	0	20.35	-3.39	14.81	<=34.77	Pass
			6	20.41	-3.39	14.87	<=34.77	Pass
			13	20.32	-3.39	14.78	<=34.77	Pass
		25	0	20.44	-3.39	14.90	<=34.77	Pass
	793	1	0	21.30	-3.39	15.76	<=34.77	Pass
			13	21.26	-3.39	15.72	<=34.77	Pass
			24	21.16	-3.39	15.62	<=34.77	Pass
		12	0	20.34	-3.39	14.80	<=34.77	Pass
			6	20.33	-3.39	14.79	<=34.77	Pass
			13	20.28	-3.39	14.74	<=34.77	Pass
		25	0	20.31	-3.39	14.77	<=34.77	Pass
	795.5	1	0	21.58	-3.39	16.04	<=34.77	Pass
			13	21.53	-3.39	15.99	<=34.77	Pass
			24	21.37	-3.39	15.83	<=34.77	Pass
		12	0	20.37	-3.39	14.83	<=34.77	Pass
			6	20.29	-3.39	14.75	<=34.77	Pass
			13	20.26	-3.39	14.72	<=34.77	Pass
		25	0	20.23	-3.39	14.69	<=34.77	Pass
64QAM	790.5	1	0	22.24	-3.39	16.7	<=34.77	Pass
			13	22.43	-3.39	16.89	<=34.77	Pass
			24	22.02	-3.39	16.48	<=34.77	Pass
		12	0	21.39	-3.39	15.85	<=34.77	Pass

			6	21.29	-3.39	15.75	<=34.77	Pass
			13	21.33	-3.39	15.79	<=34.77	Pass
		25	0	21.39	-3.39	15.85	<=34.77	Pass
	793	1	0	22.09	-3.39	16.55	<=34.77	Pass
			13	22.21	-3.39	16.67	<=34.77	Pass
			24	22.11	-3.39	16.57	<=34.77	Pass
		12	0	21.30	-3.39	15.76	<=34.77	Pass
			6	21.29	-3.39	15.75	<=34.77	Pass
			13	21.35	-3.39	15.81	<=34.77	Pass
		25	0	21.33	-3.39	15.79	<=34.77	Pass
	795.5	1	0	21.63	-3.39	16.09	<=34.77	Pass
			13	21.94	-3.39	16.4	<=34.77	Pass
			24	21.87	-3.39	16.33	<=34.77	Pass
		12	0	21.05	-3.39	15.51	<=34.77	Pass
			6	20.14	-3.39	14.6	<=34.77	Pass
			13	20.96	-3.39	15.42	<=34.77	Pass
		25	0	21.02	-3.39	15.48	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B14_10MHz_ERP

Band: 14 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	793	1	0	22.45	-3.39	16.91	<=34.77	Pass
			25	22.27	-3.39	16.73	<=34.77	Pass
			49	22.16	-3.39	16.62	<=34.77	Pass
		25	0	21.33	-3.39	15.79	<=34.77	Pass
			13	21.34	-3.39	15.80	<=34.77	Pass
			25	21.30	-3.39	15.76	<=34.77	Pass
		50	0	21.30	-3.39	15.76	<=34.77	Pass
16QAM	793	1	0	22.15	-3.39	16.61	<=34.77	Pass
			25	21.93	-3.39	16.39	<=34.77	Pass
			49	21.88	-3.39	16.34	<=34.77	Pass
		25	0	20.40	-3.39	14.86	<=34.77	Pass
			13	20.39	-3.39	14.85	<=34.77	Pass
			25	20.36	-3.39	14.82	<=34.77	Pass
		50	0	20.28	-3.39	14.74	<=34.77	Pass
64QAM	793	1	0	22.26	-3.39	16.72	<=34.77	Pass
			25	22.26	-3.39	16.72	<=34.77	Pass
			49	22.25	-3.39	16.71	<=34.77	Pass
		25	0	21.37	-3.39	15.83	<=34.77	Pass
			13	21.29	-3.39	15.75	<=34.77	Pass
			25	21.41	-3.39	15.87	<=34.77	Pass
		50	0	21.21	-3.39	15.67	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B14_5MHz

Band: 14 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	790.5	25	0	20	3.40	0.170	0.0002	-2.5 to 2.5	Pass
					3.60	0.873	0.0011	-2.5 to 2.5	Pass
					4.20	1.203	0.0015	-2.5 to 2.5	Pass
				-30	3.60	0.698	0.0009	-2.5 to 2.5	Pass
				-20	3.60	1.054	0.0013	-2.5 to 2.5	Pass
				-10	3.60	1.598	0.0020	-2.5 to 2.5	Pass
				0	3.60	1.330	0.0017	-2.5 to 2.5	Pass
				10	3.60	1.513	0.0019	-2.5 to 2.5	Pass
				30	3.60	1.667	0.0021	-2.5 to 2.5	Pass
				40	3.60	2.142	0.0027	-2.5 to 2.5	Pass
				50	3.60	2.117	0.0027	-2.5 to 2.5	Pass
	793	25	0	20	3.40	-1.460	-0.0018	-2.5 to 2.5	Pass
					3.60	-0.475	-0.0006	-2.5 to 2.5	Pass
					4.20	0.022	0.0000	-2.5 to 2.5	Pass
				-30	3.60	-0.505	-0.0006	-2.5 to 2.5	Pass
				-20	3.60	-0.466	-0.0006	-2.5 to 2.5	Pass
				-10	3.60	-0.604	-0.0008	-2.5 to 2.5	Pass
				0	3.60	0.213	0.0003	-2.5 to 2.5	Pass
				10	3.60	-1.134	-0.0014	-2.5 to 2.5	Pass
				30	3.60	-0.436	-0.0005	-2.5 to 2.5	Pass
				40	3.60	-0.727	-0.0009	-2.5 to 2.5	Pass
				50	3.60	-0.870	-0.0011	-2.5 to 2.5	Pass
	795.5	25	0	20	3.40	-0.899	-0.0011	-2.5 to 2.5	Pass
					3.60	-1.353	-0.0017	-2.5 to 2.5	Pass
					4.20	-0.445	-0.0006	-2.5 to 2.5	Pass
				-30	3.60	-1.340	-0.0017	-2.5 to 2.5	Pass
				-20	3.60	-0.967	-0.0012	-2.5 to 2.5	Pass
				-10	3.60	-1.306	-0.0016	-2.5 to 2.5	Pass
				0	3.60	-0.726	-0.0009	-2.5 to 2.5	Pass
				10	3.60	-0.667	-0.0008	-2.5 to 2.5	Pass
				30	3.60	0.286	0.0004	-2.5 to 2.5	Pass
				40	3.60	-0.261	-0.0003	-2.5 to 2.5	Pass
				50	3.60	-0.665	-0.0008	-2.5 to 2.5	Pass
16QAM	790.5	25	0	20	3.40	2.639	0.0033	-2.5 to 2.5	Pass
					3.60	2.051	0.0026	-2.5 to 2.5	Pass
					4.20	2.185	0.0028	-2.5 to 2.5	Pass
				-30	3.60	1.835	0.0023	-2.5 to 2.5	Pass
				-20	3.60	1.475	0.0019	-2.5 to 2.5	Pass
				-10	3.60	0.903	0.0011	-2.5 to 2.5	Pass
				0	3.60	0.961	0.0012	-2.5 to 2.5	Pass
				10	3.60	0.761	0.0010	-2.5 to 2.5	Pass
				30	3.60	1.521	0.0019	-2.5 to 2.5	Pass
				40	3.60	1.943	0.0025	-2.5 to 2.5	Pass
				50	3.60	1.164	0.0015	-2.5 to 2.5	Pass
	793	25	0	20	3.40	-0.574	-0.0007	-2.5 to 2.5	Pass
					3.60	-1.153	-0.0015	-2.5 to 2.5	Pass
					4.20	-0.934	-0.0012	-2.5 to 2.5	Pass
				-30	3.60	-2.090	-0.0026	-2.5 to 2.5	Pass
				-20	3.60	0.592	0.0007	-2.5 to 2.5	Pass
				-10	3.60	-0.619	-0.0008	-2.5 to 2.5	Pass
				0	3.60	-0.290	-0.0004	-2.5 to 2.5	Pass
				10	3.60	-0.254	-0.0003	-2.5 to 2.5	Pass
				30	3.60	-1.592	-0.0020	-2.5 to 2.5	Pass
				40	3.60	-0.442	-0.0006	-2.5 to 2.5	Pass

				50	3.60	0.138	0.0002	-2.5 to 2.5	Pass
	795.5	25	0	20	3.40	-0.021	0.0000	-2.5 to 2.5	Pass
					3.60	-0.579	-0.0007	-2.5 to 2.5	Pass
					4.20	-0.799	-0.0010	-2.5 to 2.5	Pass
				-30	3.60	-1.111	-0.0014	-2.5 to 2.5	Pass
				-20	3.60	-0.742	-0.0009	-2.5 to 2.5	Pass
				-10	3.60	0.233	0.0003	-2.5 to 2.5	Pass
				0	3.60	-0.256	-0.0003	-2.5 to 2.5	Pass
				10	3.60	1.014	0.0013	-2.5 to 2.5	Pass
				30	3.60	-1.458	-0.0018	-2.5 to 2.5	Pass
				40	3.60	-0.278	-0.0003	-2.5 to 2.5	Pass
				50	3.60	-0.714	-0.0009	-2.5 to 2.5	Pass
64QAM	790.5	25	0	20	3.40	-1.800	-0.0023	-2.5 to 2.5	Pass
					3.60	0.300	0.0004	-2.5 to 2.5	Pass
					4.20	1.500	0.0019	-2.5 to 2.5	Pass
				-30	3.60	2.600	0.0033	-2.5 to 2.5	Pass
				-20	3.60	2.700	0.0034	-2.5 to 2.5	Pass
				-10	3.60	-0.800	-0.0010	-2.5 to 2.5	Pass
				0	3.60	0.800	0.0010	-2.5 to 2.5	Pass
				10	3.60	1.000	0.0013	-2.5 to 2.5	Pass
				30	3.60	-0.600	-0.0008	-2.5 to 2.5	Pass
				40	3.60	0.900	0.0011	-2.5 to 2.5	Pass
				50	3.60	-1.000	-0.0013	-2.5 to 2.5	Pass
	793	25	0	20	3.40	0.100	0.0001	-2.5 to 2.5	Pass
					3.60	0.300	0.0004	-2.5 to 2.5	Pass
					4.20	-1.000	-0.0013	-2.5 to 2.5	Pass
				-30	3.60	-0.700	-0.0009	-2.5 to 2.5	Pass
				-20	3.60	-0.200	-0.0003	-2.5 to 2.5	Pass
				-10	3.60	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.60	0.400	0.0005	-2.5 to 2.5	Pass
				10	3.60	-1.400	-0.0018	-2.5 to 2.5	Pass
				30	3.60	-1.100	-0.0014	-2.5 to 2.5	Pass
				40	3.60	-2.600	-0.0033	-2.5 to 2.5	Pass
				50	3.60	0.000	0.0000	-2.5 to 2.5	Pass
	795.5	25	0	20	3.40	-0.700	-0.0009	-2.5 to 2.5	Pass
					3.60	-1.300	-0.0016	-2.5 to 2.5	Pass
					4.20	-0.700	-0.0009	-2.5 to 2.5	Pass
				-30	3.60	1.200	0.0015	-2.5 to 2.5	Pass
				-20	3.60	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.60	-1.700	-0.0021	-2.5 to 2.5	Pass
				0	3.60	1.300	0.0016	-2.5 to 2.5	Pass
				10	3.60	-2.900	-0.0036	-2.5 to 2.5	Pass
				30	3.60	0.200	0.0003	-2.5 to 2.5	Pass
				40	3.60	-2.100	-0.0026	-2.5 to 2.5	Pass
				50	3.60	1.700	0.0021	-2.5 to 2.5	Pass

2.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	793	50	0	20	3.40	0.228	0.0003	-2.5 to 2.5	Pass
					3.60	-0.556	-0.0007	-2.5 to 2.5	Pass
					4.20	-0.280	-0.0004	-2.5 to 2.5	Pass
				-30	3.60	0.245	0.0003	-2.5 to 2.5	Pass

				-20	3.60	-0.587	-0.0007	-2.5 to 2.5	Pass
				-10	3.60	0.179	0.0002	-2.5 to 2.5	Pass
				0	3.60	0.566	0.0007	-2.5 to 2.5	Pass
				10	3.60	0.219	0.0003	-2.5 to 2.5	Pass
				30	3.60	0.681	0.0009	-2.5 to 2.5	Pass
				40	3.60	-0.147	-0.0002	-2.5 to 2.5	Pass
				50	3.60	-0.329	-0.0004	-2.5 to 2.5	Pass
16QAM	793	50	0	20	3.40	1.567	0.0020	-2.5 to 2.5	Pass
					3.60	0.095	0.0001	-2.5 to 2.5	Pass
					4.20	-1.028	-0.0013	-2.5 to 2.5	Pass
				-30	3.60	0.246	0.0003	-2.5 to 2.5	Pass
				-20	3.60	-0.847	-0.0011	-2.5 to 2.5	Pass
				-10	3.60	-0.375	-0.0005	-2.5 to 2.5	Pass
				0	3.60	-0.858	-0.0011	-2.5 to 2.5	Pass
				10	3.60	0.106	0.0001	-2.5 to 2.5	Pass
				30	3.60	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.60	0.353	0.0004	-2.5 to 2.5	Pass
				50	3.60	-0.130	-0.0002	-2.5 to 2.5	Pass
64QAM	793	50	0	20	3.40	-1.300	-0.0016	-2.5 to 2.5	Pass
					3.60	-3.100	-0.0039	-2.5 to 2.5	Pass
					4.20	-0.600	-0.0008	-2.5 to 2.5	Pass
				-30	3.60	-1.500	-0.0019	-2.5 to 2.5	Pass
				-20	3.60	-0.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.60	0.200	0.0003	-2.5 to 2.5	Pass
				0	3.60	-1.600	-0.0020	-2.5 to 2.5	Pass
				10	3.60	-0.400	-0.0005	-2.5 to 2.5	Pass
				30	3.60	1.400	0.0018	-2.5 to 2.5	Pass
				40	3.60	-4.500	-0.0057	-2.5 to 2.5	Pass
				50	3.60	-0.500	-0.0006	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band14_OBW

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	4.559	/	Pass
		793	25	0	4.549	/	Pass
		795.5	25	0	4.553	/	Pass
	16QAM	790.5	25	0	4.575	/	Pass
		793	25	0	4.557	/	Pass
		795.5	25	0	4.544	/	Pass
	64QAM	790.5	25	0	4.555	/	Pass
		793	25	0	4.539	/	Pass
		795.5	25	0	4.540	/	Pass
10	QPSK	793	50	0	9.048	/	Pass
	16QAM	793	50	0	9.049	/	Pass
	64QAM	793	50	0	9.040	/	Pass

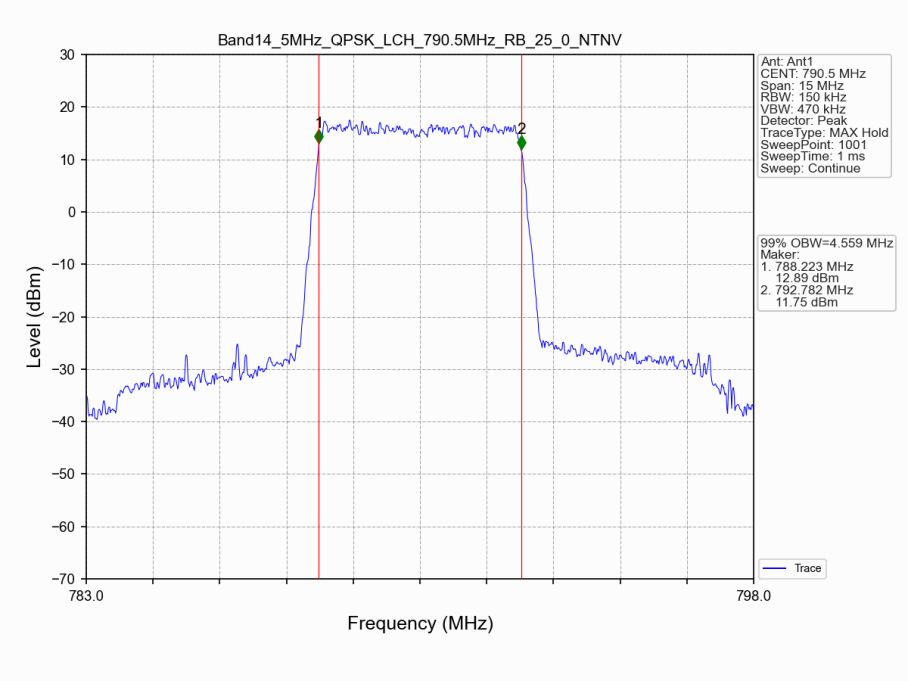
3.1.2 Band14_XDB

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	5.032	/	Pass
		793	25	0	5.035	/	Pass
		795.5	25	0	5.053	/	Pass
	16QAM	790.5	25	0	5.066	/	Pass
		793	25	0	5.096	/	Pass
		795.5	25	0	5.055	/	Pass
	64QAM	790.5	25	0	5.030	/	Pass
		793	25	0	5.062	/	Pass
		795.5	25	0	5.022	/	Pass
10	QPSK	793	50	0	10.022	/	Pass
	16QAM	793	50	0	9.945	/	Pass
	64QAM	793	50	0	9.988	/	Pass

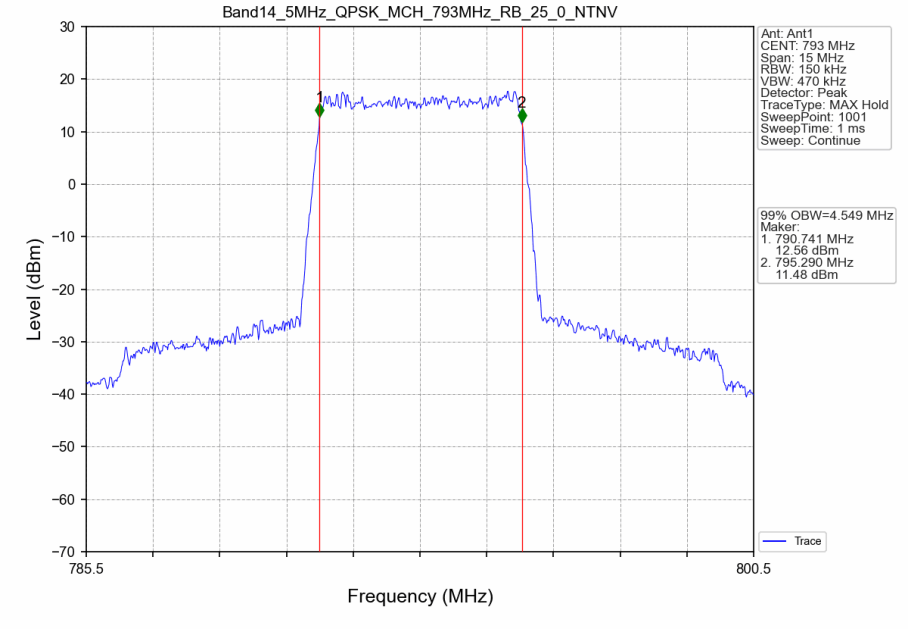
3.2 Test Graph

3.2.1 Band14_OBW

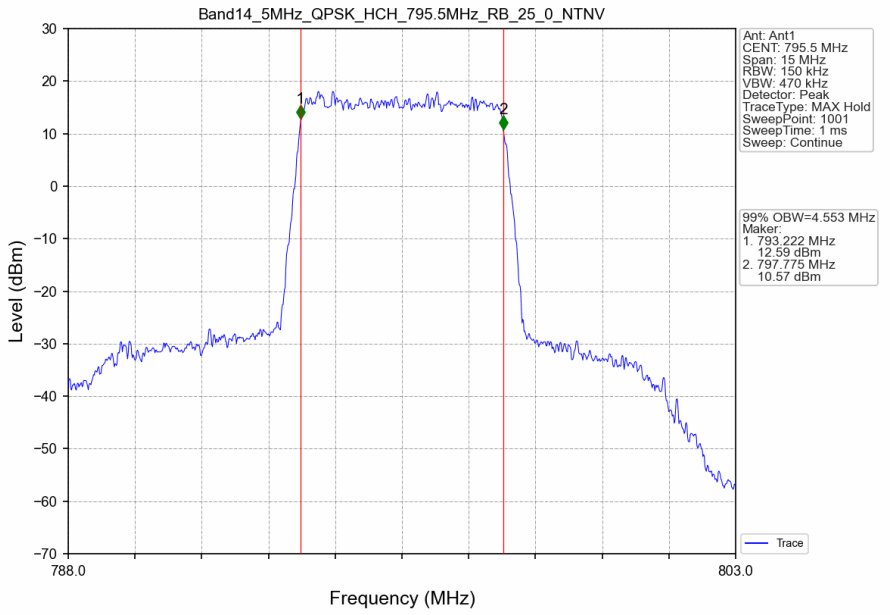
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



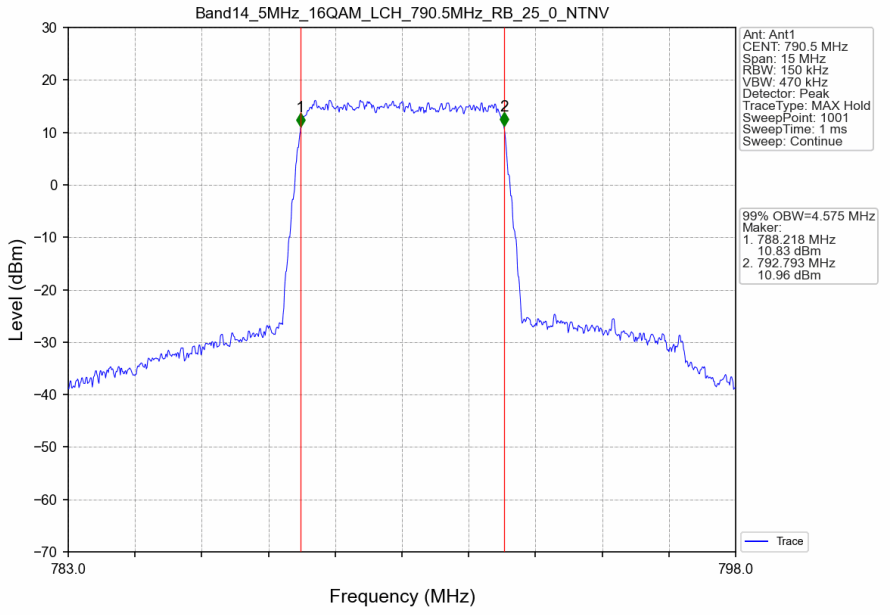
Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV



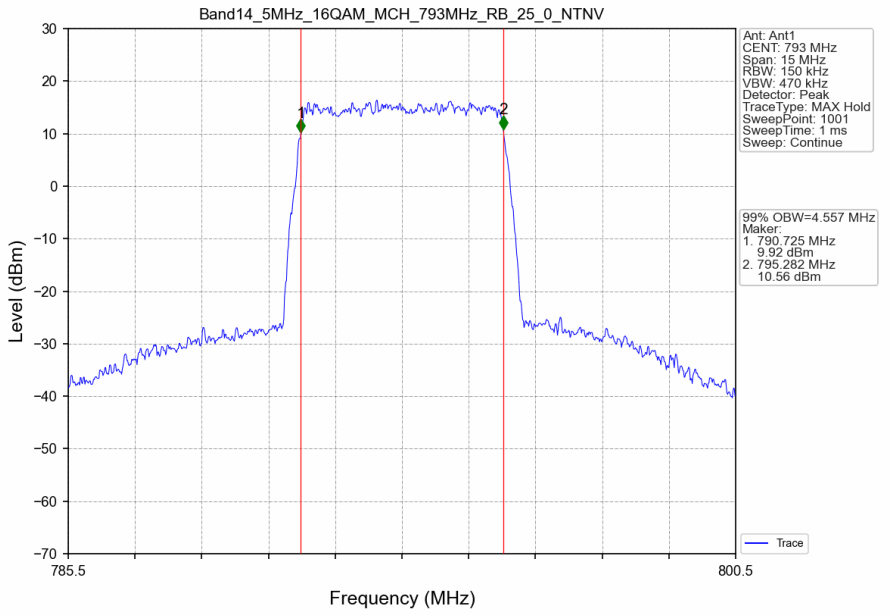
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



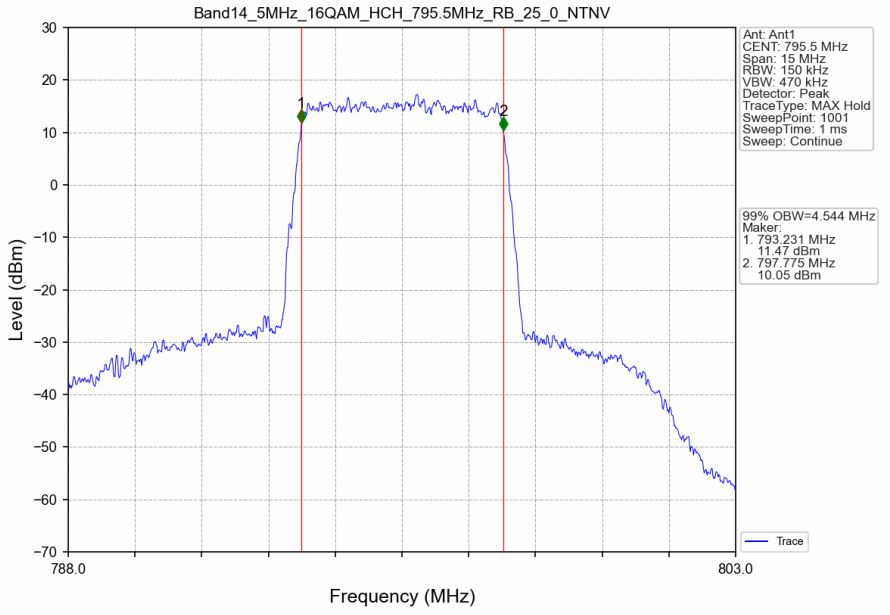
Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV



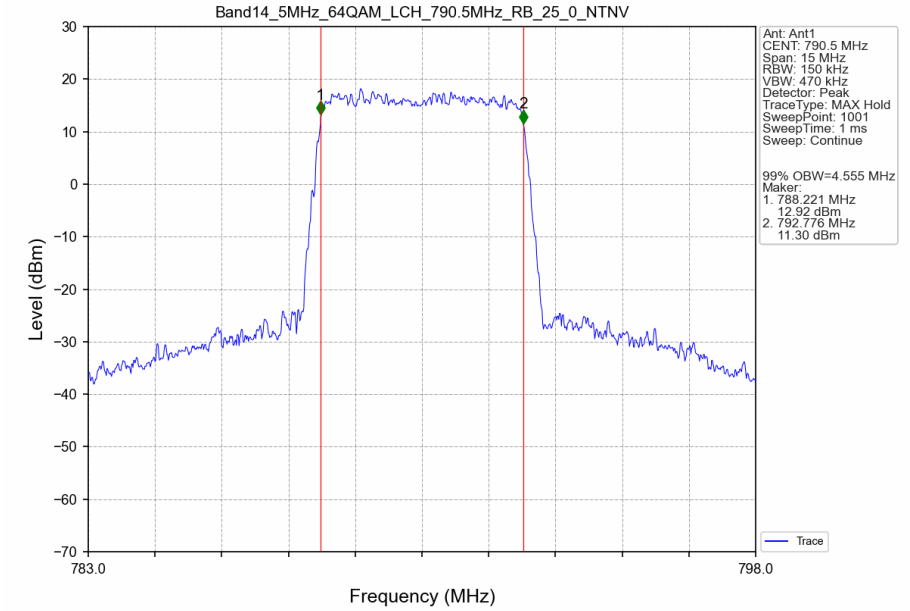
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV



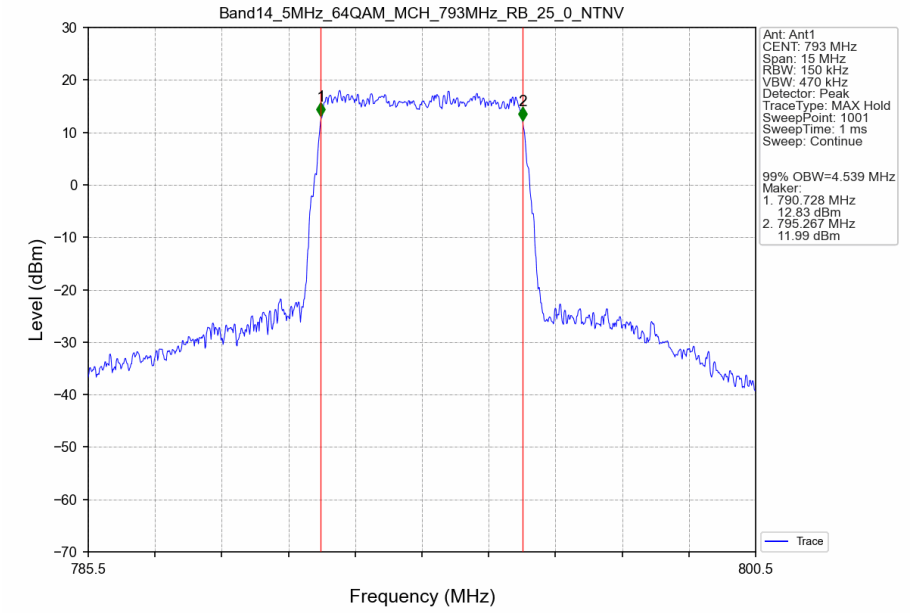
Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV

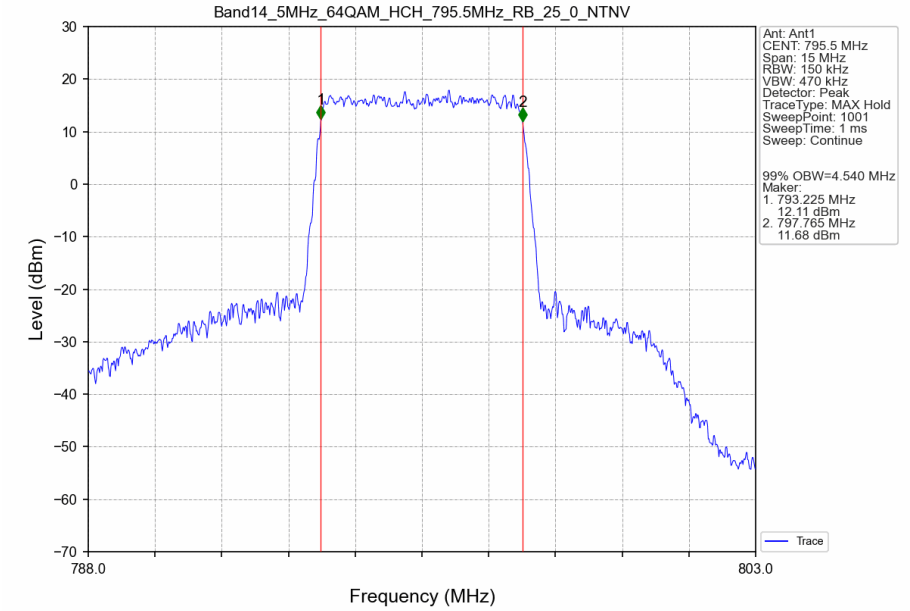


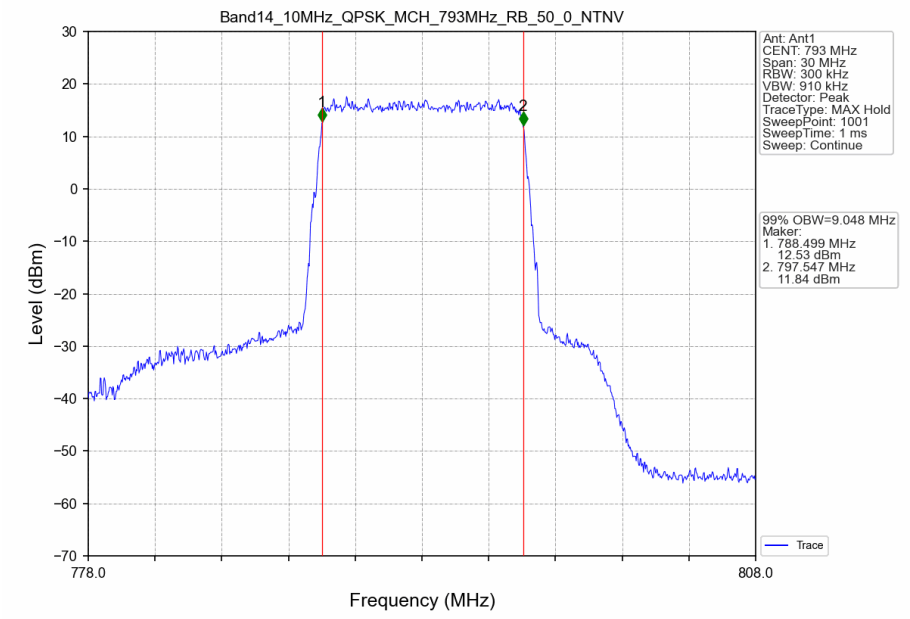
Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV



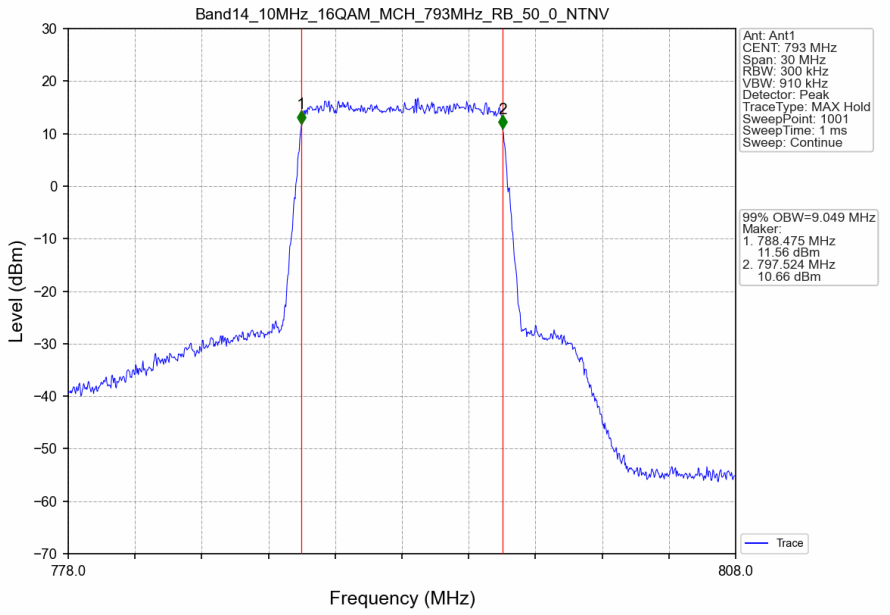
Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV



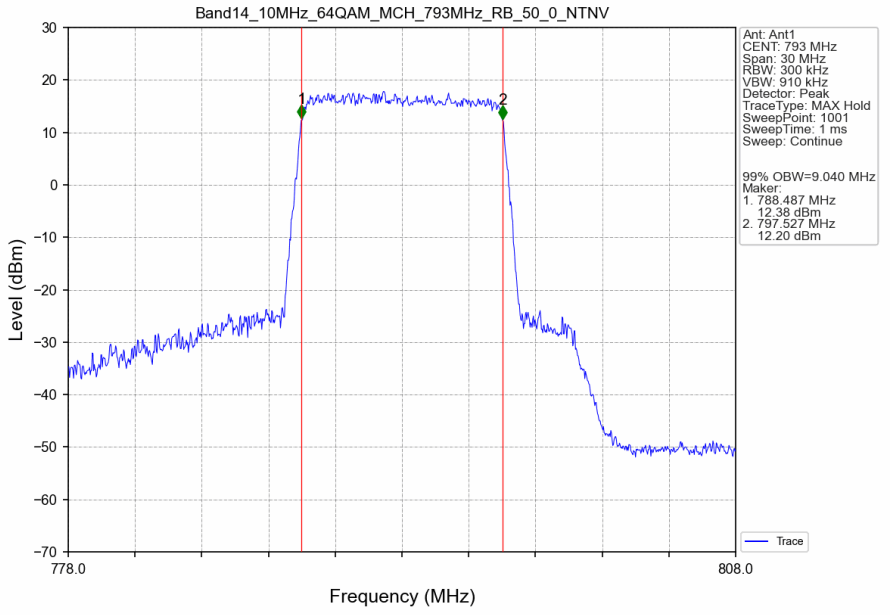
Band14_5MHz_64QAM_HCH_795.5MHz_RB_25_0_NTNV


Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV


Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV

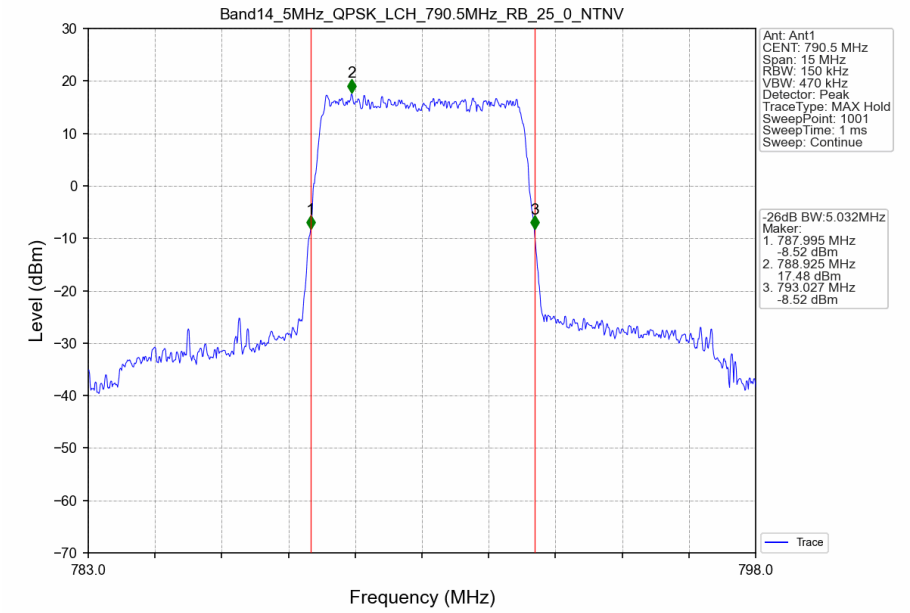


Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV

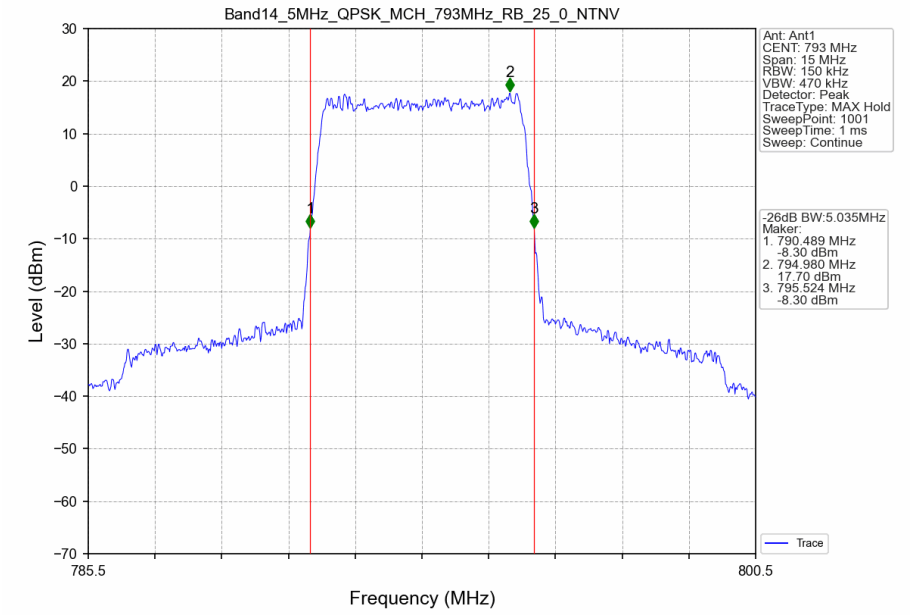


3.2.2 Band14_XDB

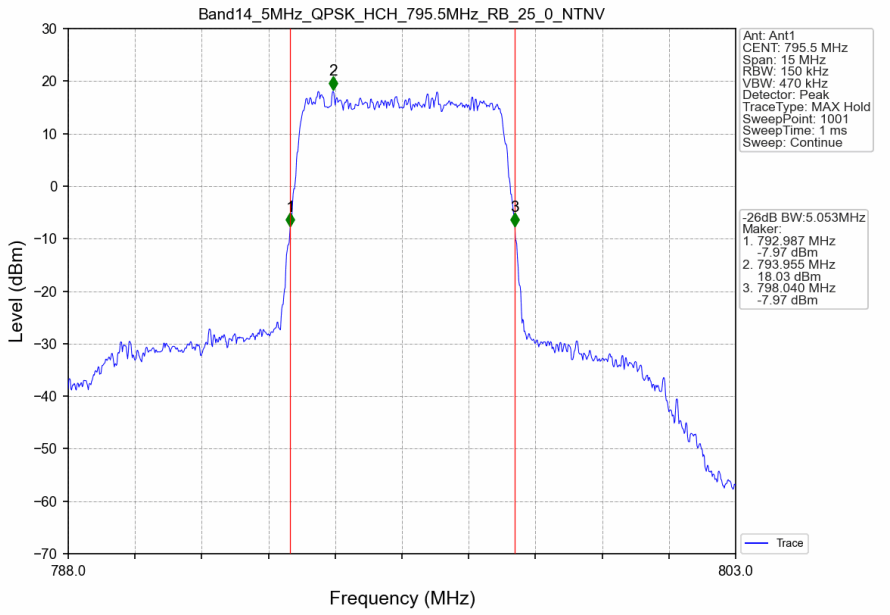
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



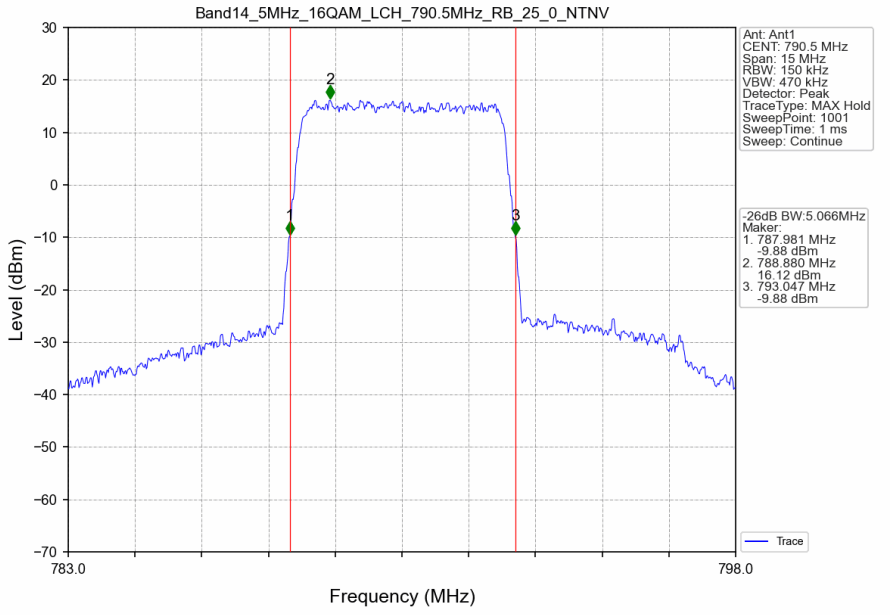
Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV



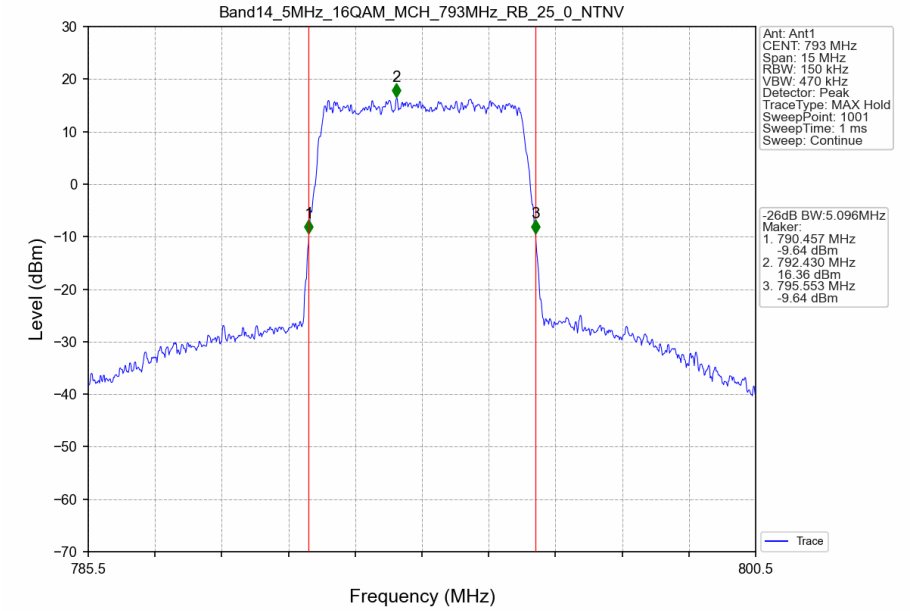
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



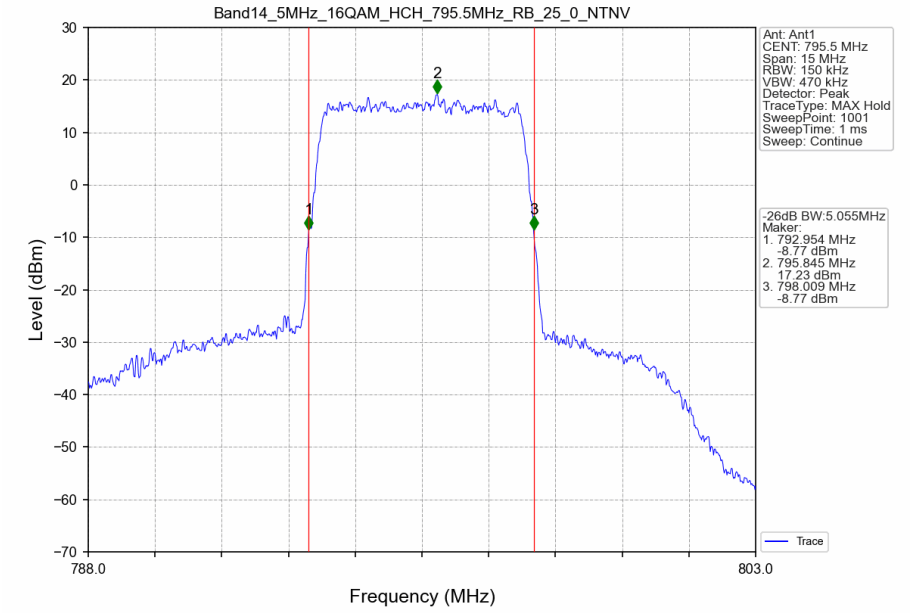
Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV



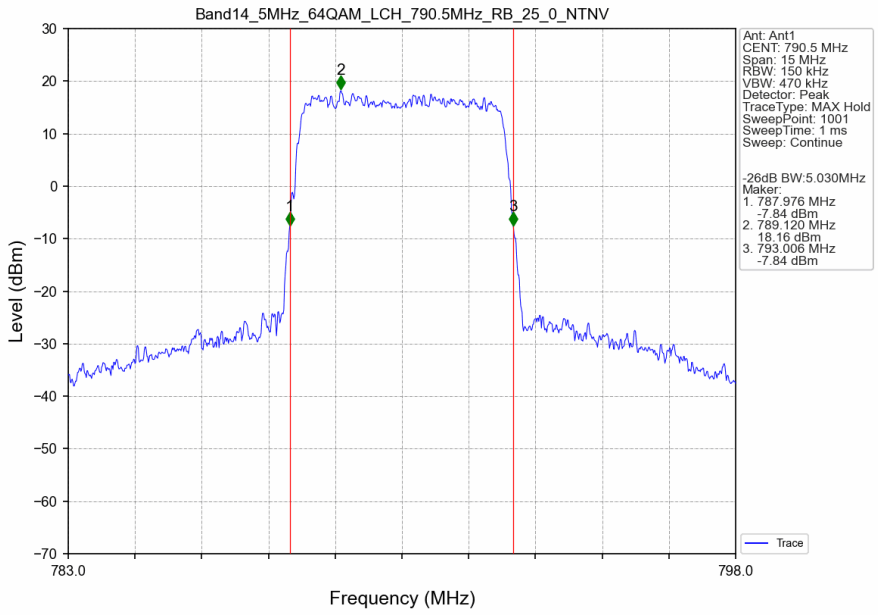
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV



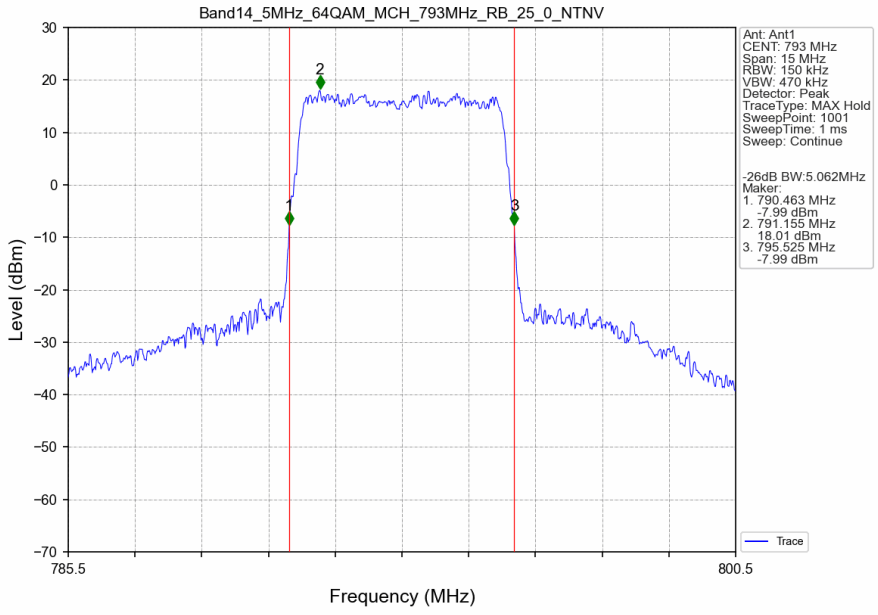
Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV



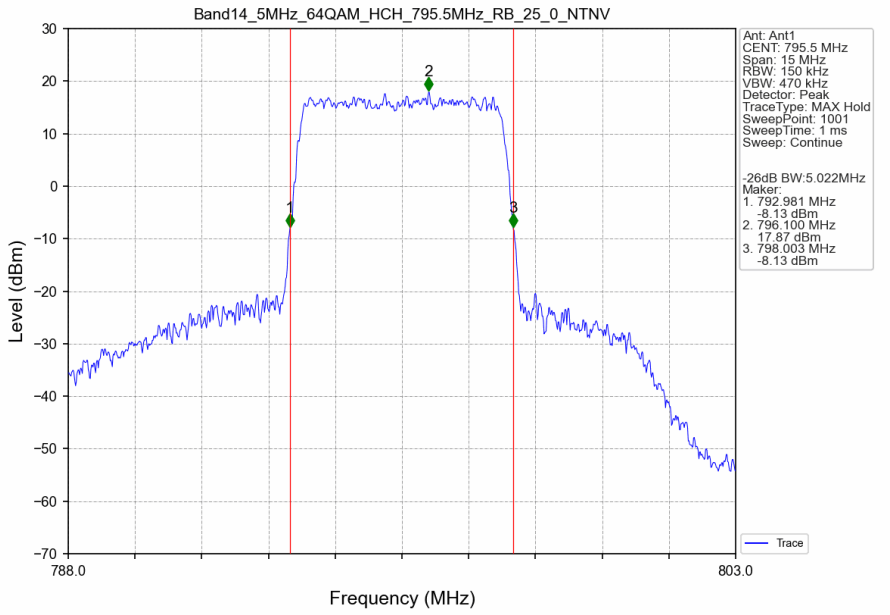
Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV



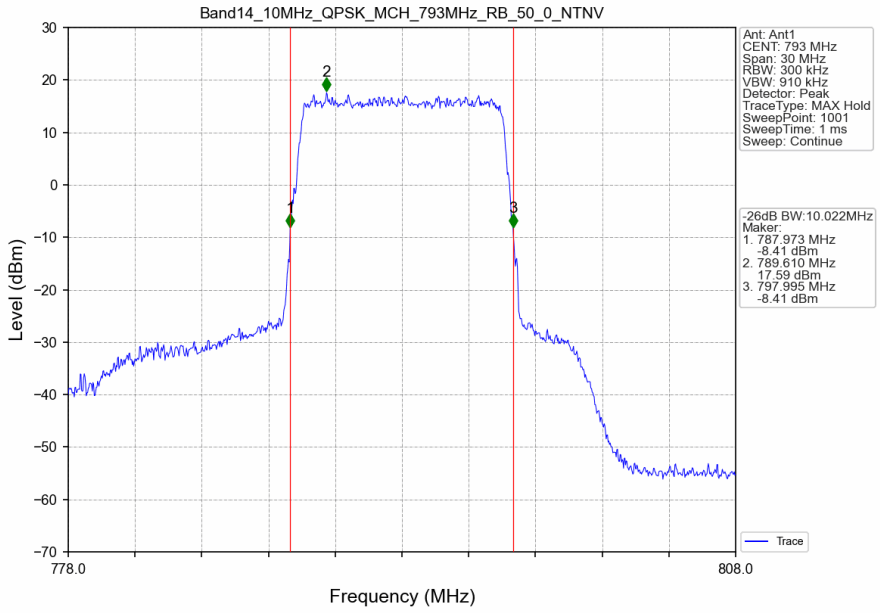
Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV



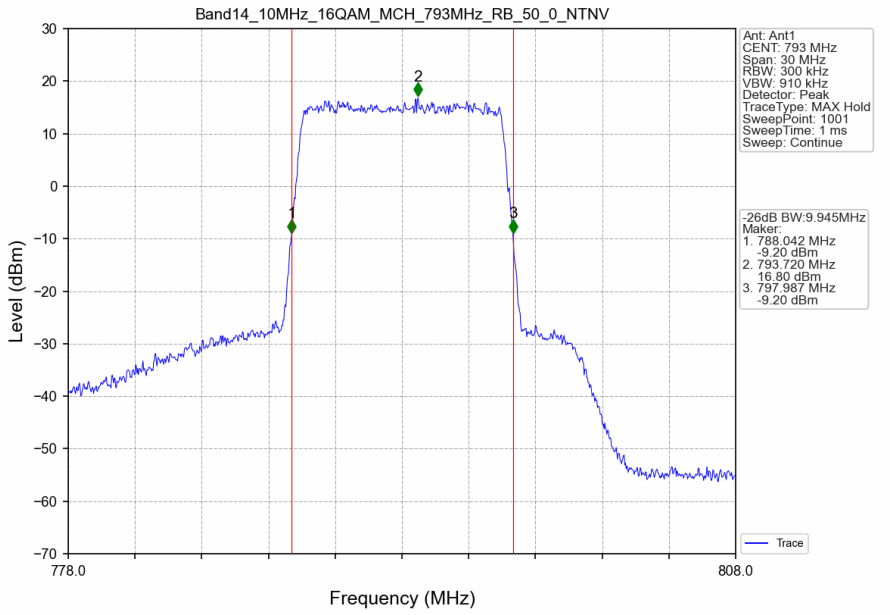
Band14_5MHz_64QAM_HCH_795.5MHz_RB_25_0_NTNV



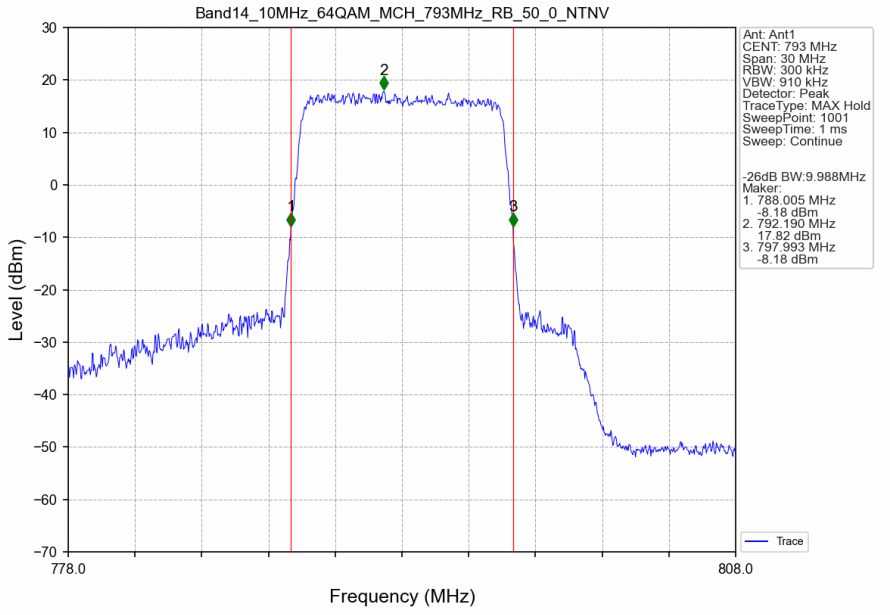
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B14_5MHz

Band: 14 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	25	0	5.32	<=13	Pass
	793	25	0	5.34	<=13	Pass
	795.5	25	0	5.26	<=13	Pass
16QAM	790.5	25	0	6.08	<=13	Pass
	793	25	0	6.06	<=13	Pass
	795.5	25	0	6.03	<=13	Pass
64QAM	790.5	25	0	6.45	<=13	Pass
	793	25	0	6.42	<=13	Pass
	795.5	25	0	6.37	<=13	Pass

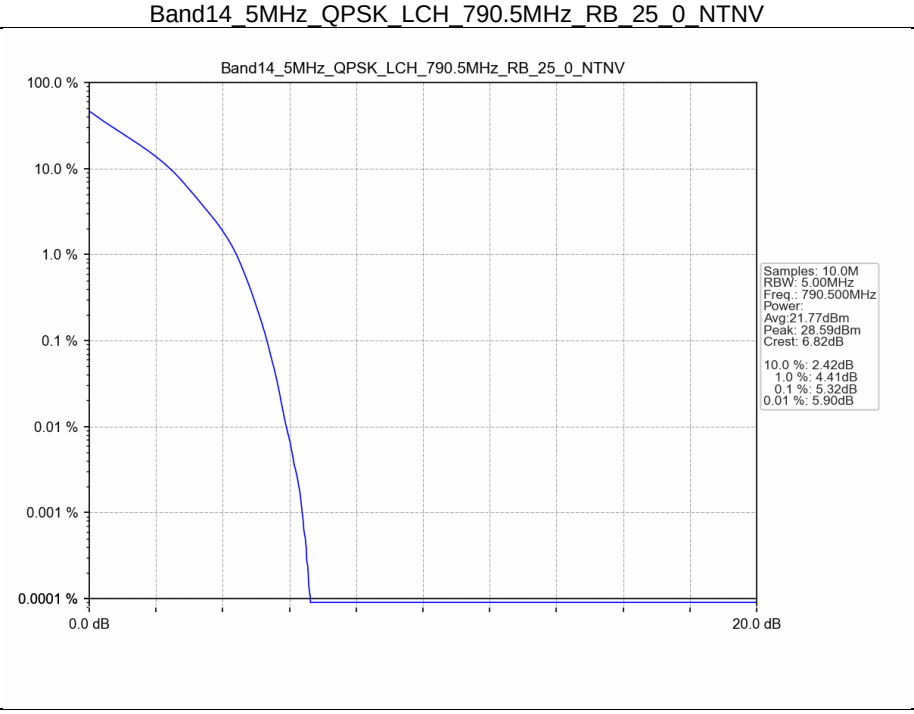
4.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	5.31	<=13	Pass
16QAM	793	50	0	9.93	<=13	Pass
64QAM	793	50	0	6.42	<=13	Pass

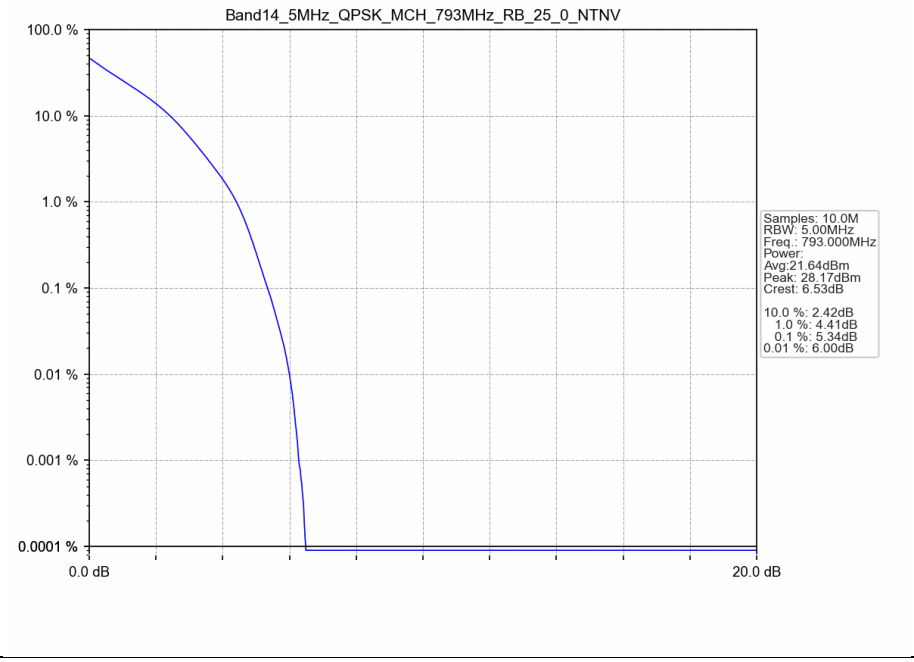
4.2 Test Graph

4.2.1 B14_5MHz

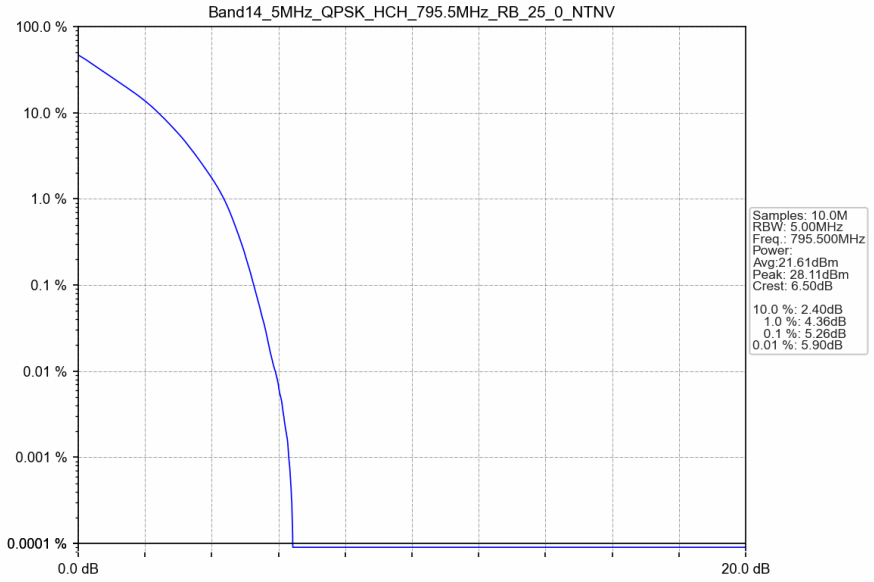
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



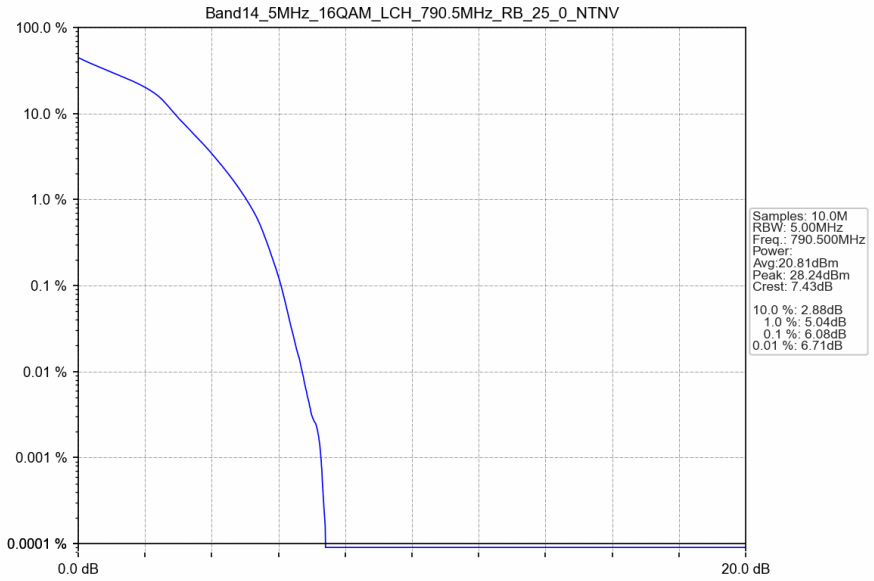
Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV

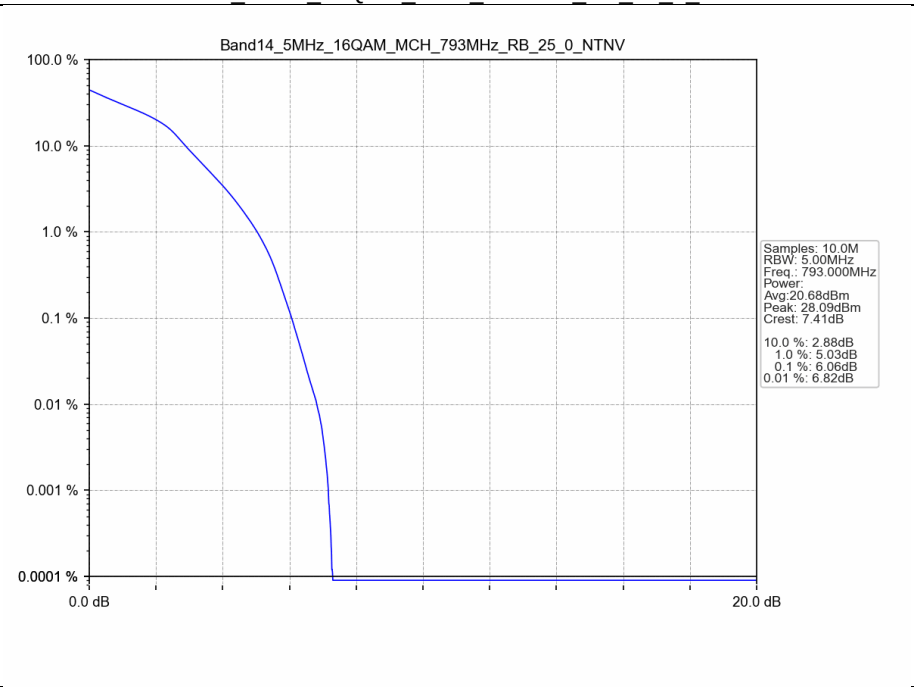


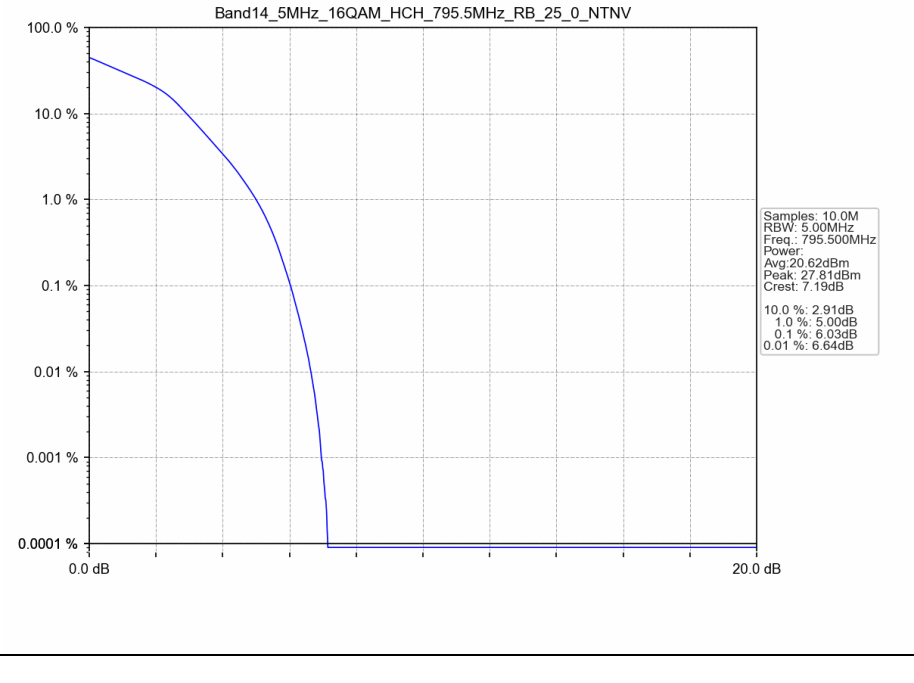
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



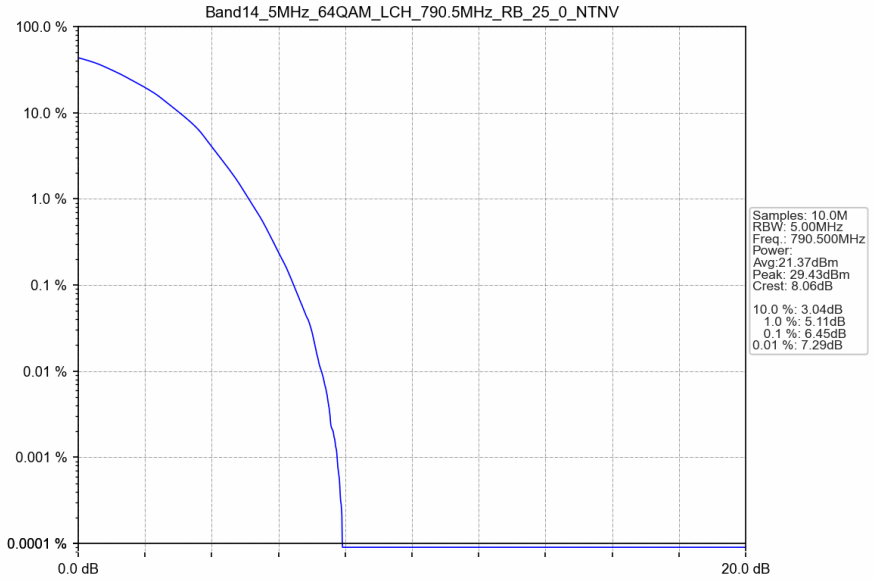
Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV



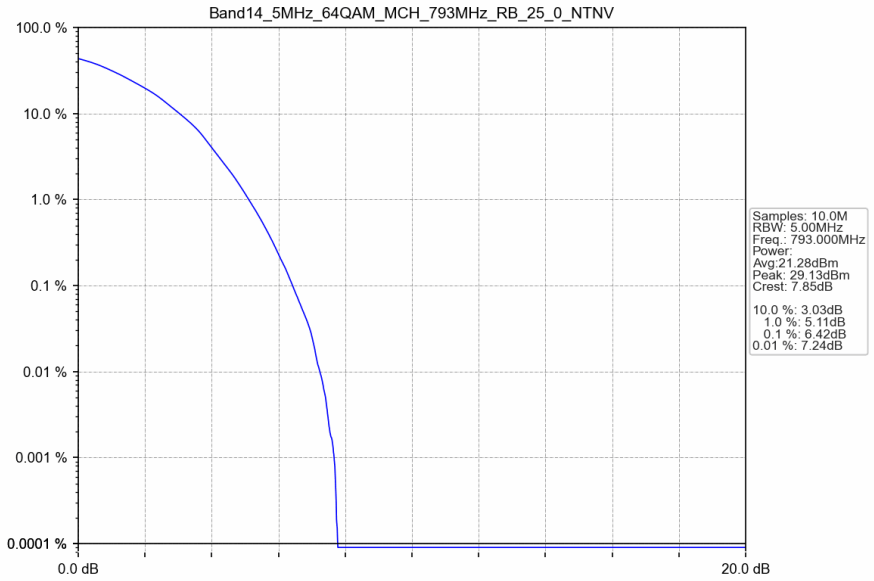
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV


Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV


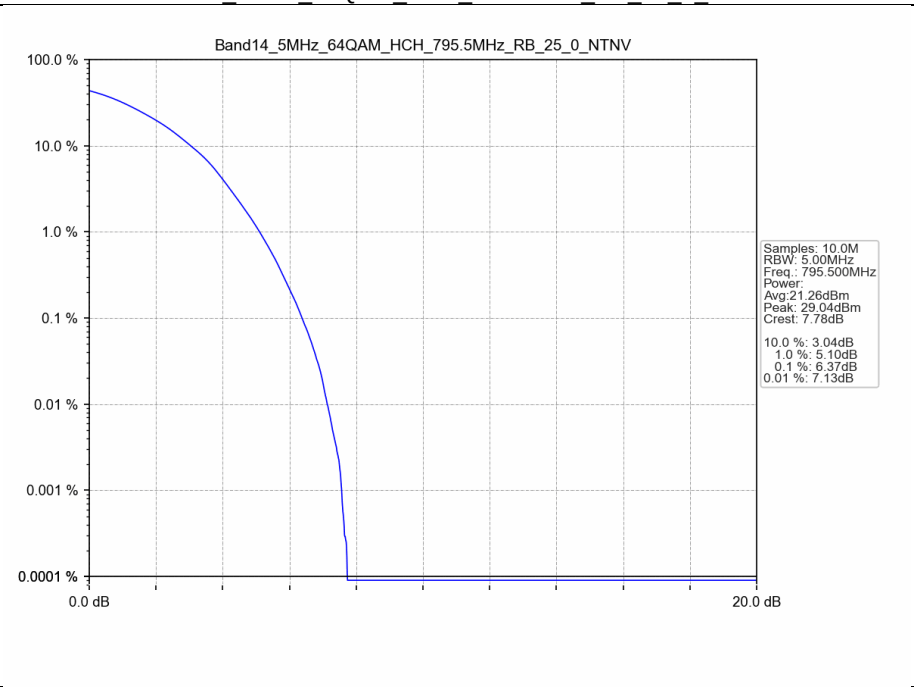
Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV



Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV

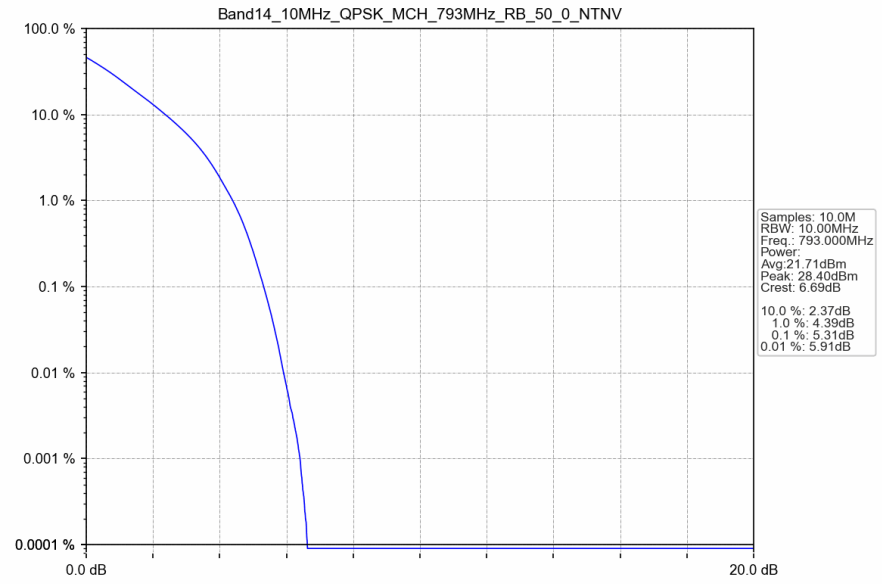


Band14_5MHz_64QAM_HCH_795.5MHz_RB_25_0_NTNV

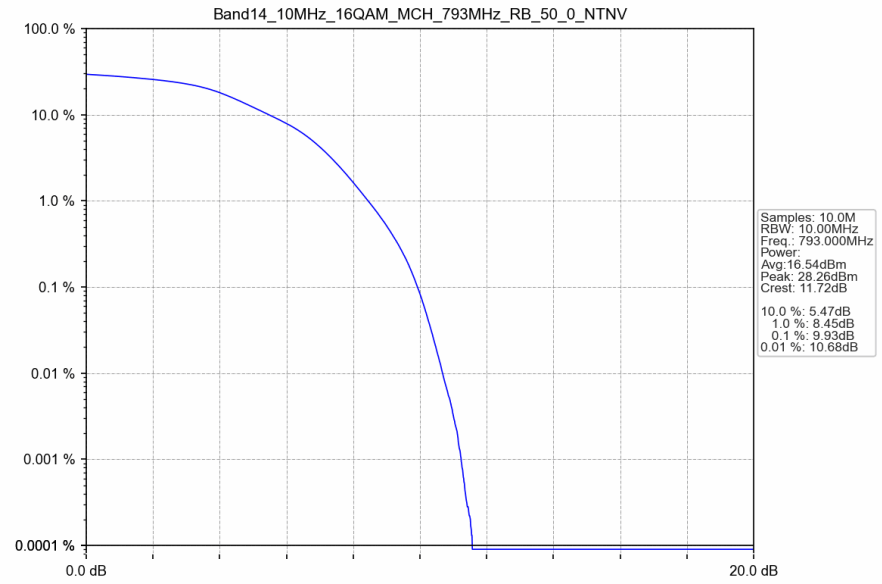


4.2.2 B14_10MHz

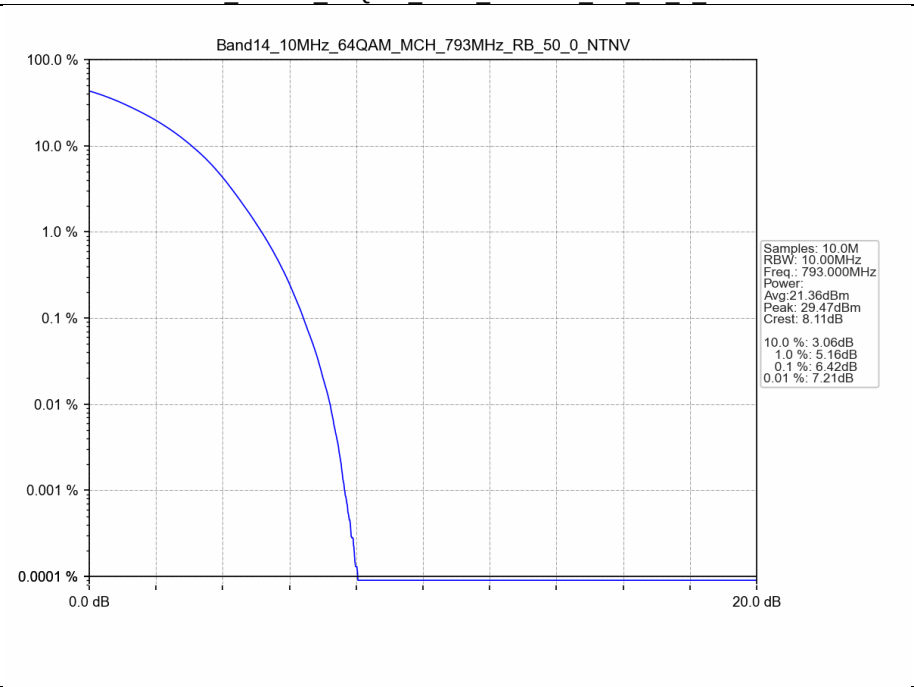
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B14_5MHz

Band: 14 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

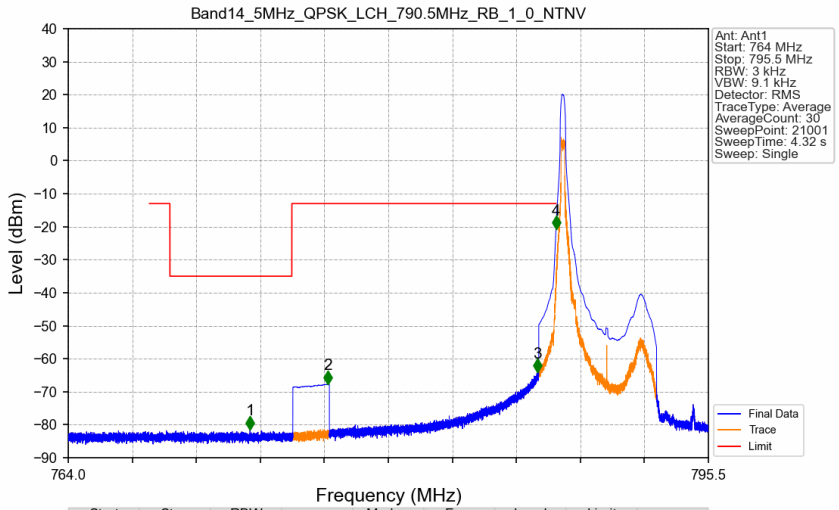
5.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	793	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	793	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	793	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

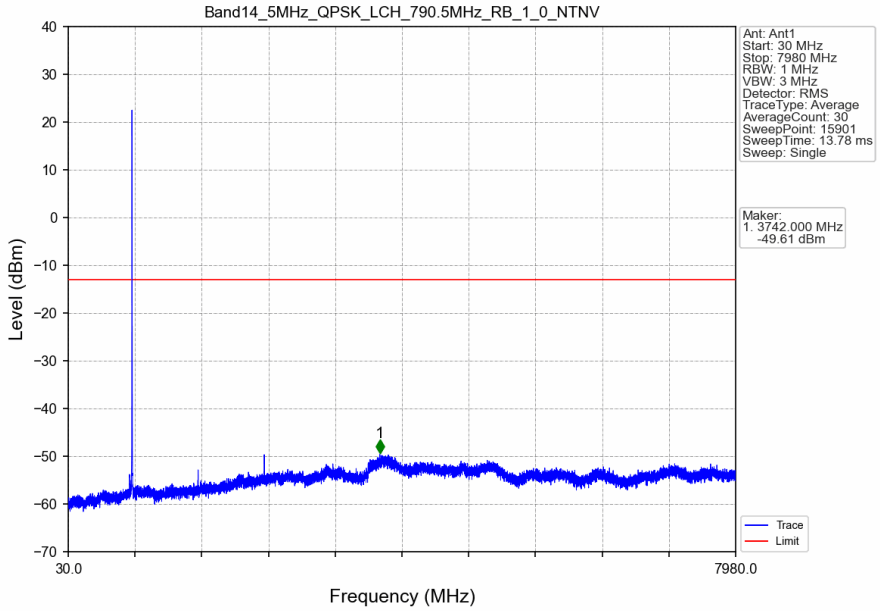
5.2.1 B14_5MHz

Band14_5MHz_QPSK_LCH_790.5MHz_RB_1_0_NTNV

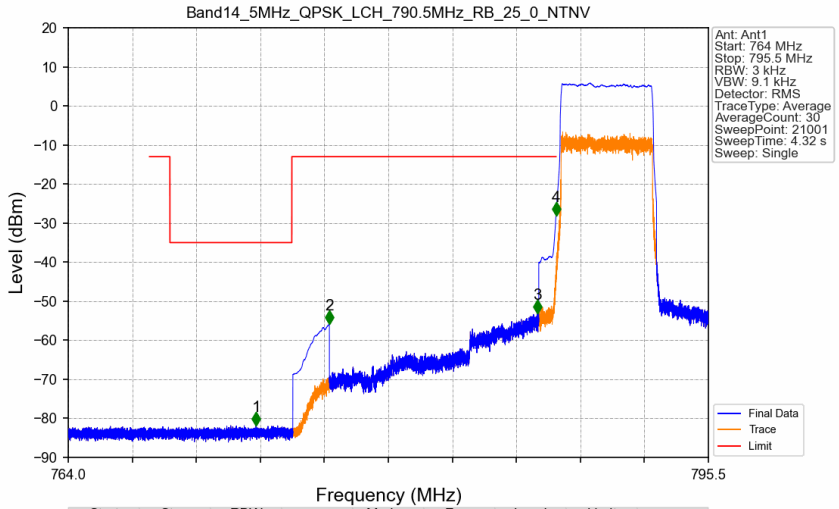


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	772.944	-81.43	-35	Pass
775	776.9	0.1	CHP	2	776.780	-67.68	-13	Pass
776.9	787.1	0.03	/	3	787.097	-64.05	-13	Pass
787.1	793	0.1	CHP	4	788.000	-20.77	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

Band14_5MHz_QPSK_LCH_790.5MHz_RB_1_0_NTNV

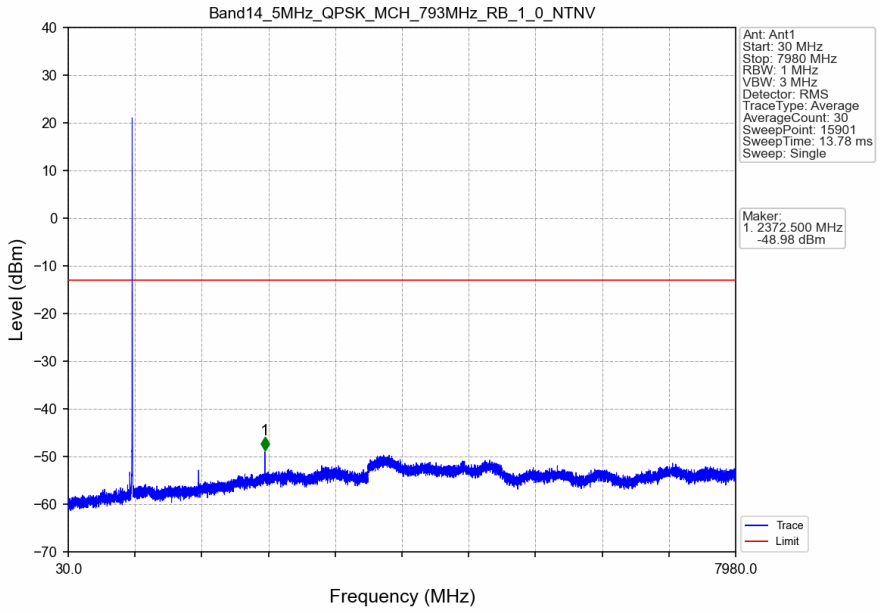


Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV

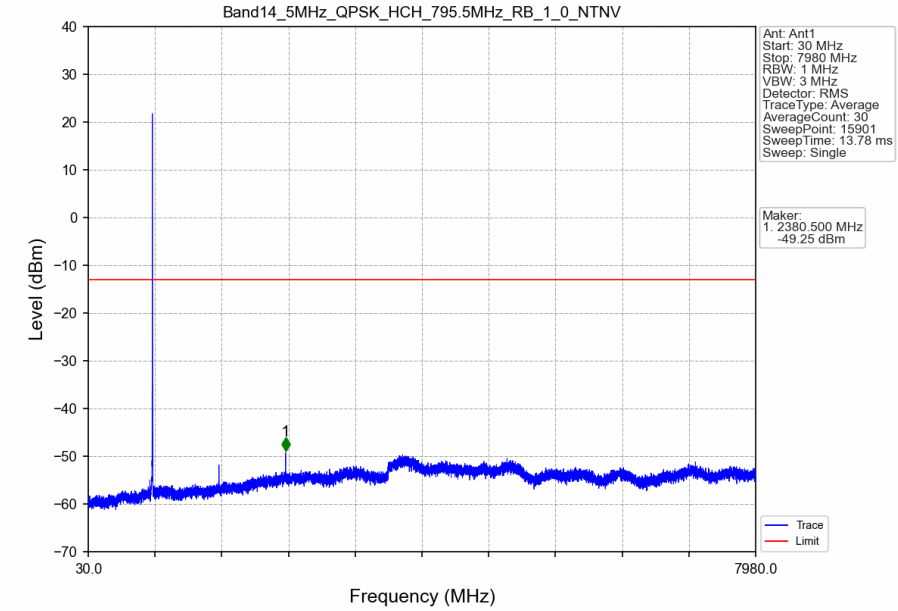


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	773.239	-81.84	-35	Pass
775	776.9	0.1	CHP	2	776.840	-55.81	-13	Pass
776.9	787.1	0.03	/	3	787.074	-53.22	-13	Pass
787.1	793	0.1	CHP	4	788.000	-28.10	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

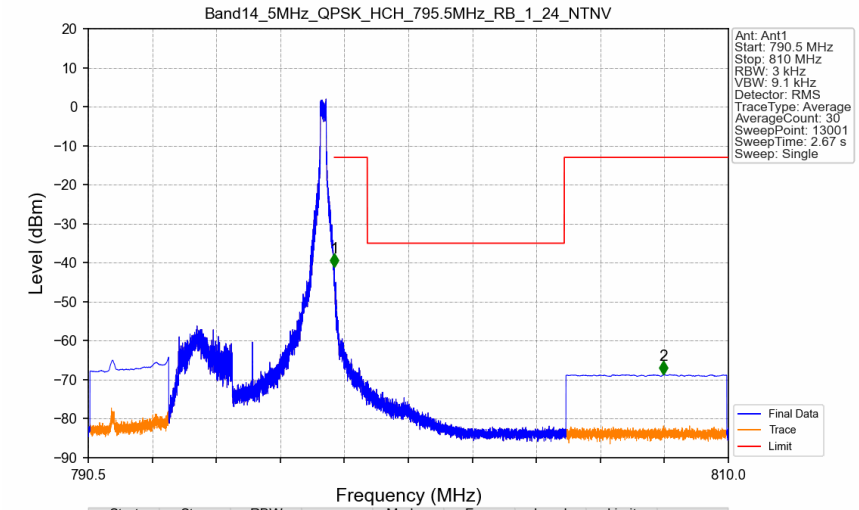
Band14_5MHz_QPSK_MCH_793MHz_RB_1_0_NTNV



Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_0_NTNV

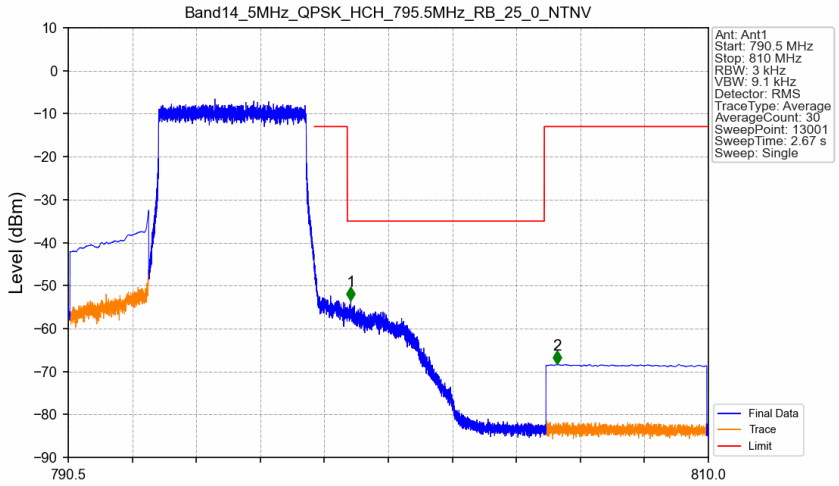


Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_24_NTNV



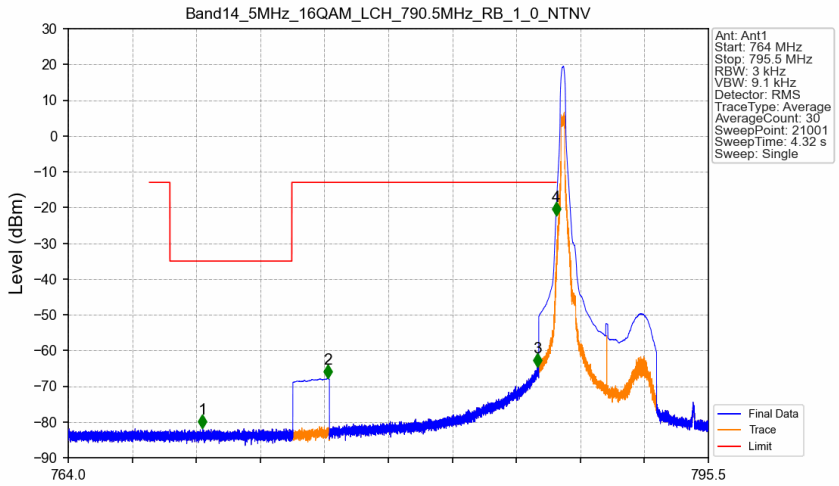
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	798.000	-41.08	-13	Pass
805	810	0.1	CHP	2	808.029	-68.67	-13	Pass

Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



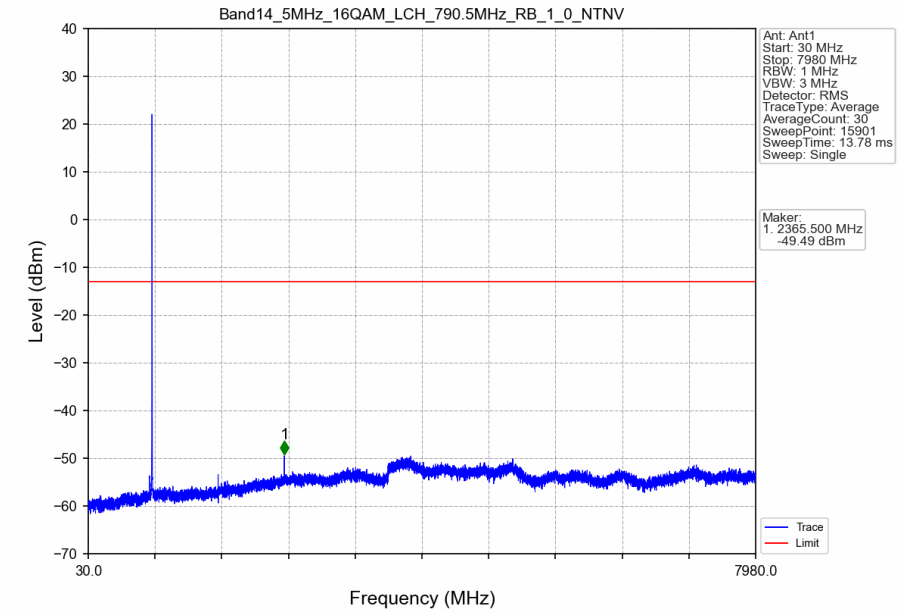
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.106	-53.52	-35	Pass
805	810	0.1	CHP	2	805.389	-68.34	-13	Pass

Band14_5MHz_16QAM_LCH_790.5MHz_RB_1_0_NTNV

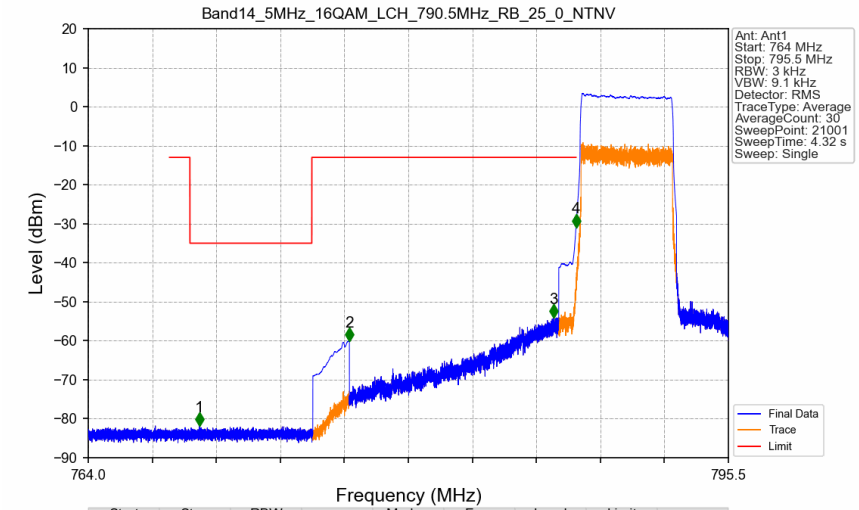


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	770.609	-81.81	-35	Pass
775	776.9	0.1	CHP	2	776.779	-67.84	-13	Pass
776.9	787.1	0.03	/	3	787.085	-64.69	-13	Pass
787.1	793	0.1	CHP	4	788.000	-22.22	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

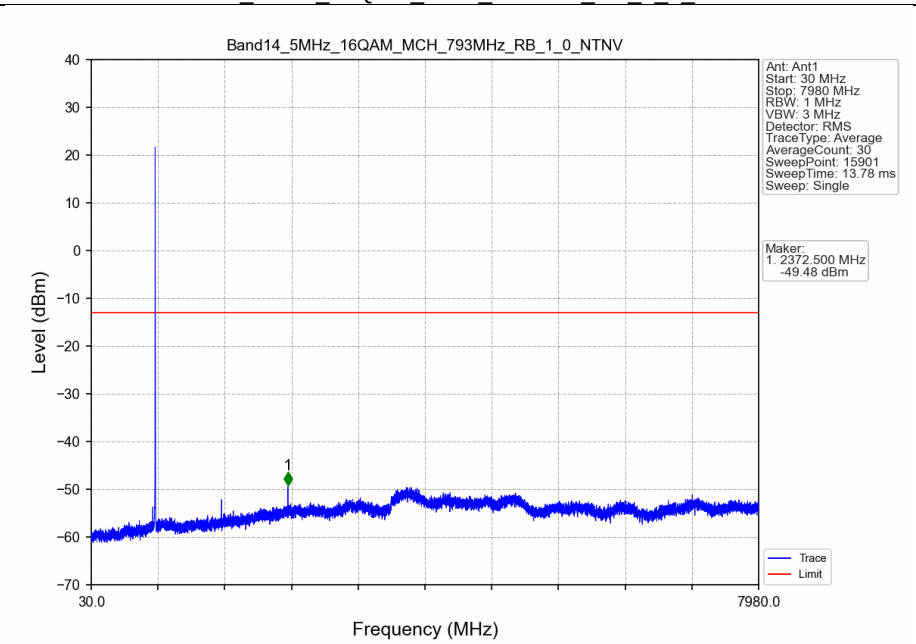
Band14_5MHz_16QAM_LCH_790.5MHz_RB_1_0_NTNV

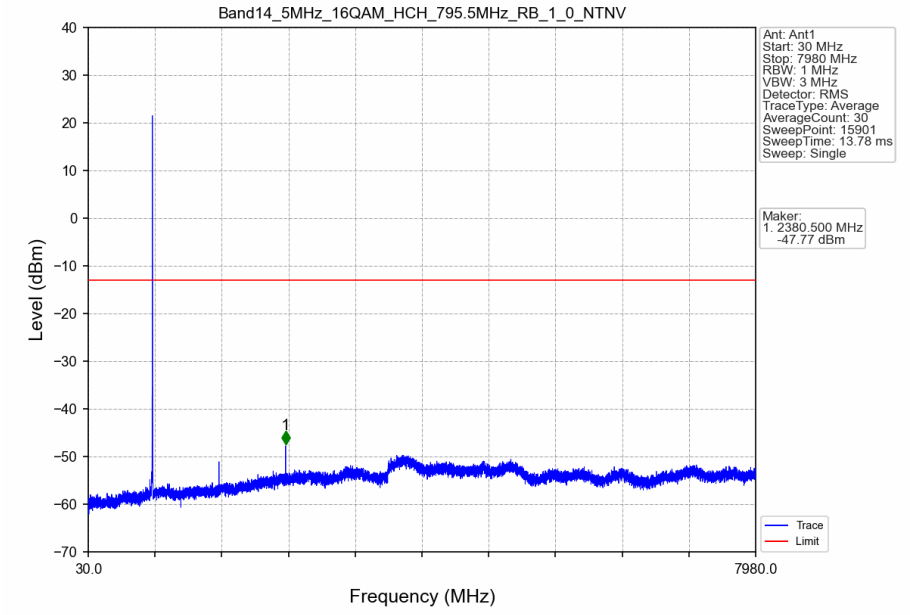


Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV

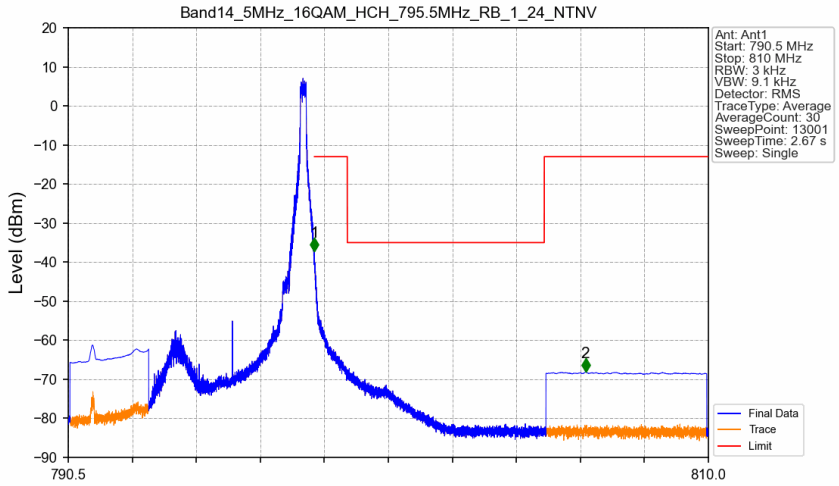


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	769.469	-81.88	-35	Pass
775	776.9	0.1	CHP	2	776.846	-60.10	-13	Pass
776.9	787.1	0.03	/	3	786.893	-54.13	-13	Pass
787.1	793	0.1	CHP	4	788.000	-30.95	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

Band14_5MHz_16QAM_MCH_793MHz_RB_1_0_NTNV


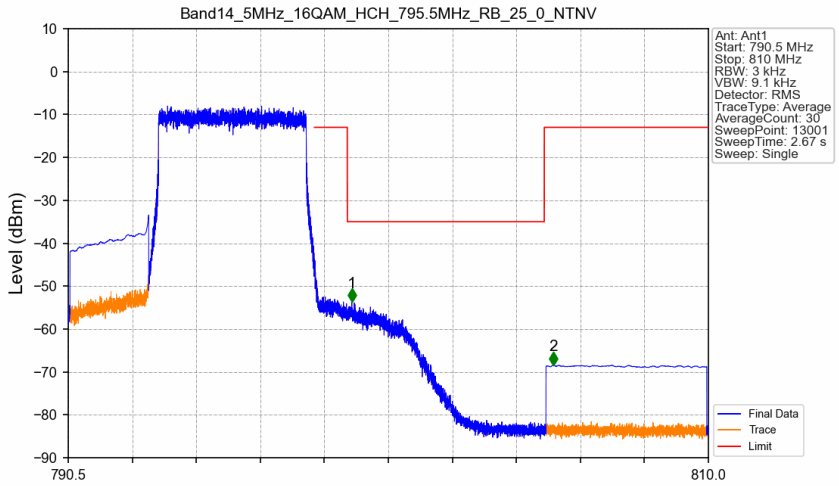
Band14_5MHz_16QAM_HCH_795.5MHz_RB_1_0_NTNV


Band14_5MHz_16QAM_HCH_795.5MHz_RB_1_24_NTNV



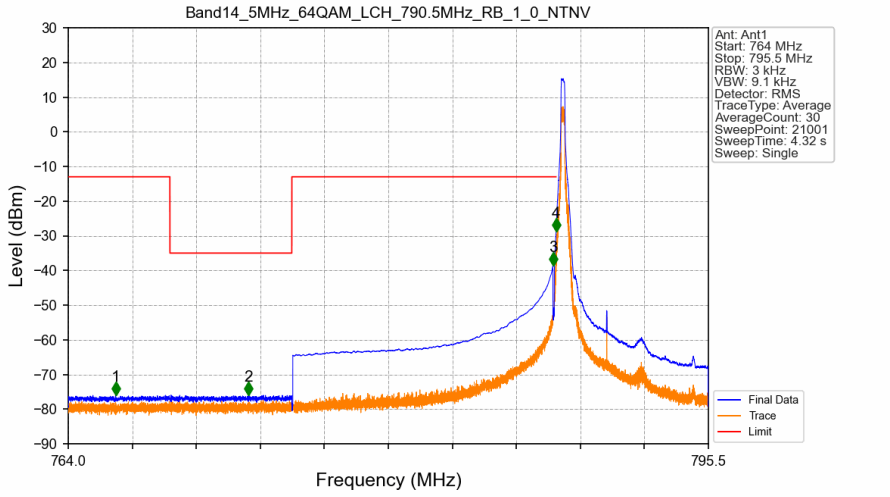
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	798.000	-37.22	-13	Pass
805	810	0.1	CHP	2	806.256	-68.14	-13	Pass

Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV



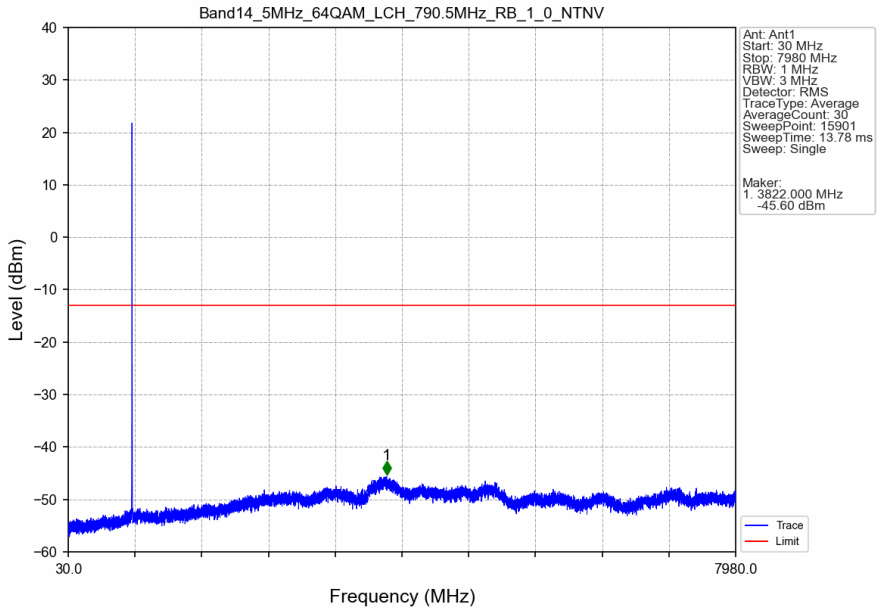
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.137	-53.69	-35	Pass
805	810	0.1	CHP	2	805.281	-68.42	-13	Pass

Band14_5MHz_64QAM_LCH_790.5MHz_RB_1_0_NTNV

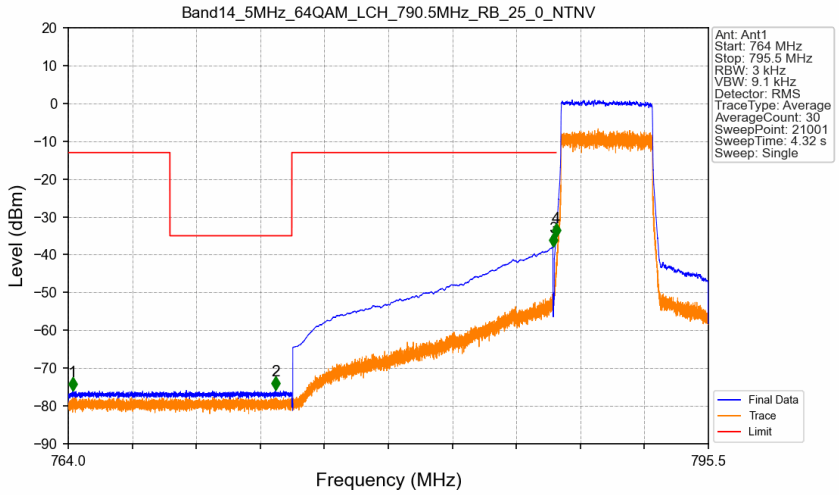


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	766.328	-75.86	-13	Pass
769	775	0.00625	CHP	2	772.871	-75.92	-35	Pass
775	787.9	0.1	CHP	3	787.848	-38.52	-13	Pass
787.9	788	0.03	CHP	4	787.999	-28.79	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

Band14_5MHz_64QAM_LCH_790.5MHz_RB_1_0_NTNV

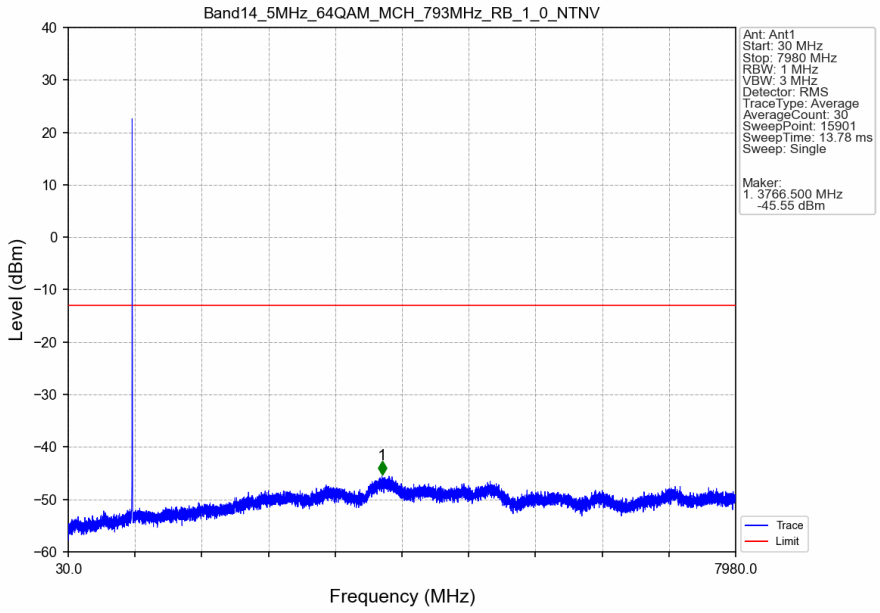


Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV

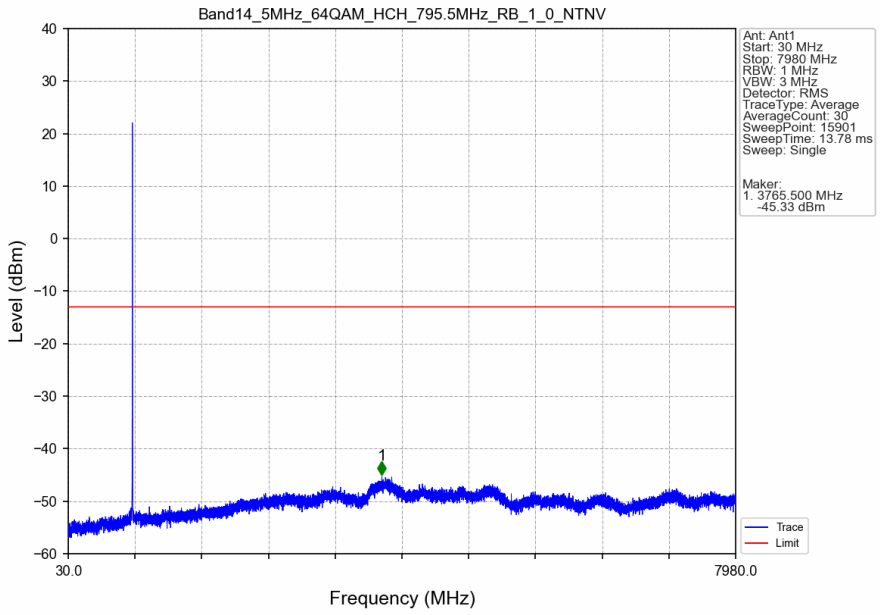


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	764.225	-75.99	-13	Pass
769	775	0.00625	CHP	2	774.192	-75.77	-35	Pass
775	787.9	0.1	CHP	3	787.848	-37.75	-13	Pass
787.9	788	0.03	CHP	4	787.999	-35.16	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

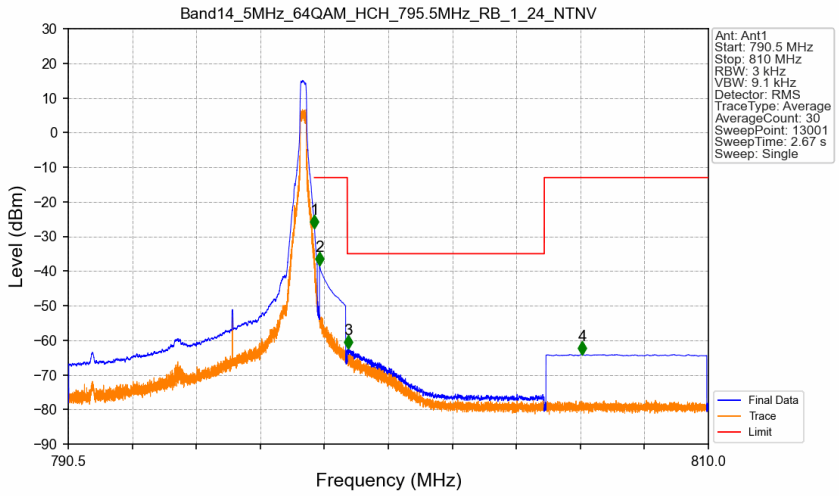
Band14_5MHz_64QAM_MCH_793MHz_RB_1_0_NTNV



Band14_5MHz_64QAM_HCH_795.5MHz_RB_1_0_NTNV

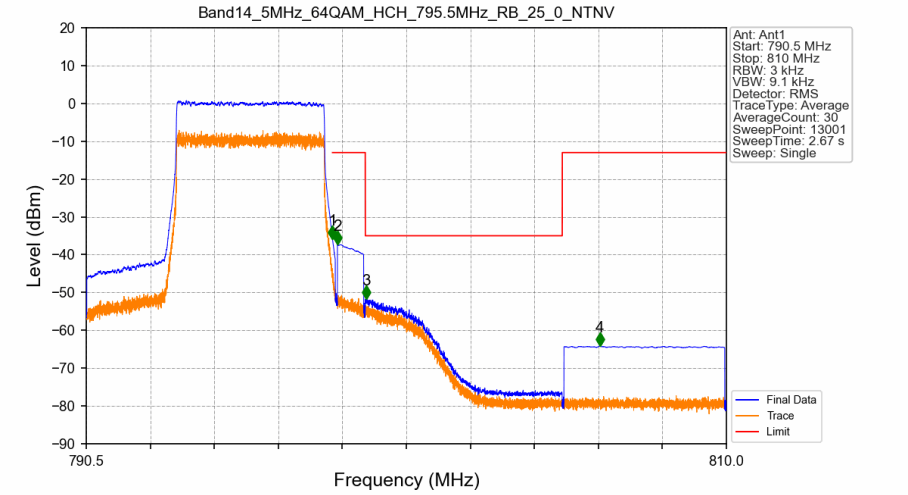


Band14_5MHz_64QAM_HCH_795.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-27.70	-13	Pass
798.1	799	0.1	CHP	2	798.152	-38.25	-13	Pass
799	805	0.00625	CHP	3	799.020	-62.41	-35	Pass
805	810	0.1	CHP	4	806.157	-64.13	-13	Pass

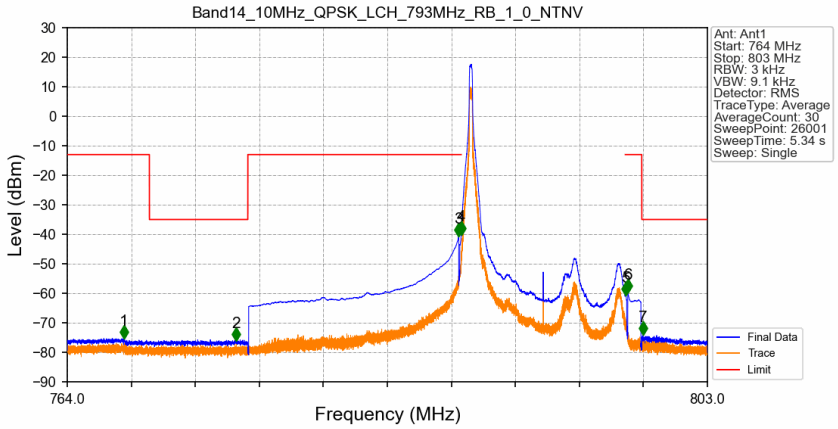
Band14_5MHz_64QAM_HCH_795.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-35.87	-13	Pass
798.1	799	0.1	CHP	2	798.152	-37.32	-13	Pass
799	805	0.00625	CHP	3	799.030	-51.65	-35	Pass
805	810	0.1	CHP	4	806.145	-64.16	-13	Pass

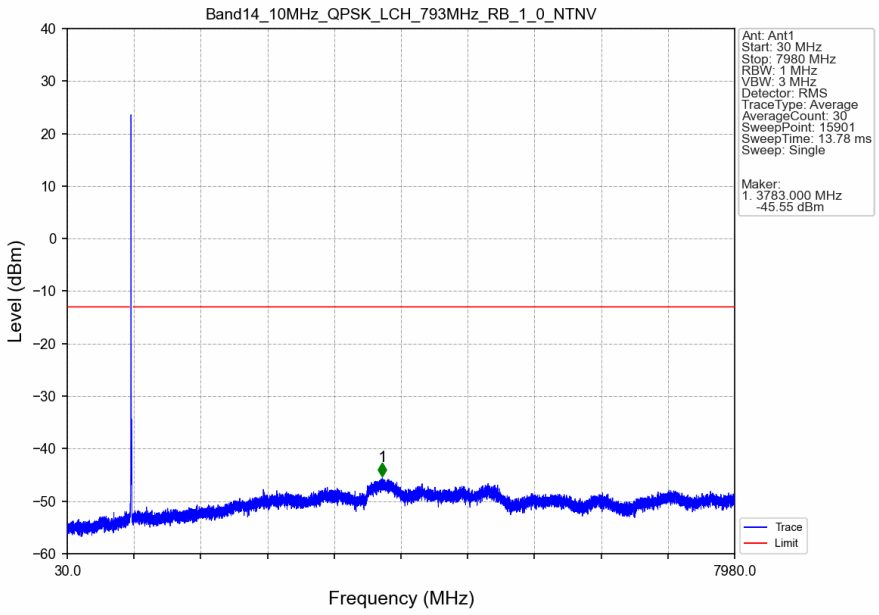
5.2.2 B14_10MHz

Band14_10MHz_QPSK_LCH_793MHz_RB_1_0_NTNV

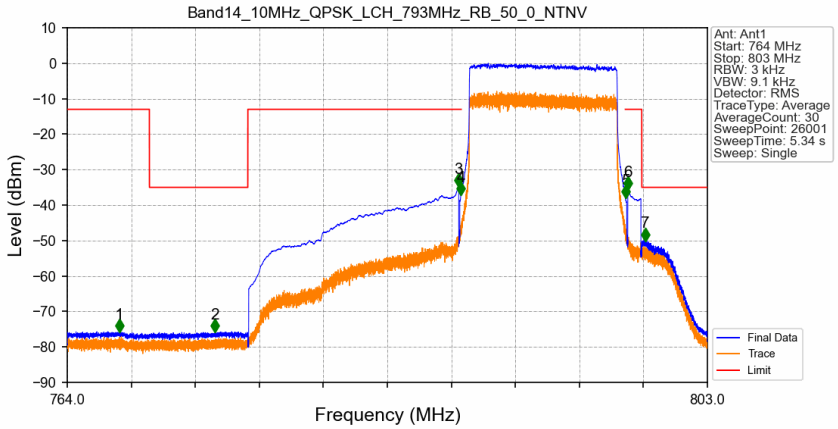


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	767.453	-74.95	-13	Pass
769	775	0.00625	CHP	2	774.293	-75.72	-35	Pass
775	787.9	0.1	CHP	3	787.848	-40.44	-13	Pass
787.9	788	0.03	CHP	4	787.999	-39.74	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.002	-60.48	-13	Pass
798.1	799	0.1	CHP	6	798.150	-59.30	-13	Pass
799	803	0.00625	CHP	7	799.073	-73.73	-35	Pass

Band14_10MHz_QPSK_LCH_793MHz_RB_1_0_NTNV

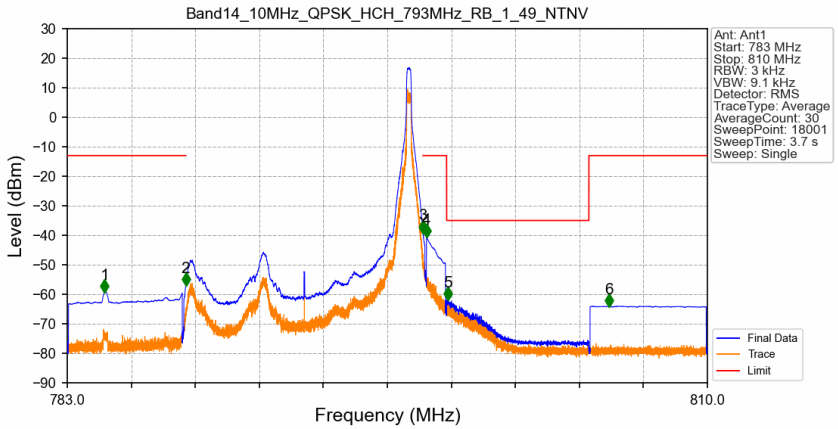


Band14_10MHz_QPSK_LCH_793MHz_RB_50_0_NTNV



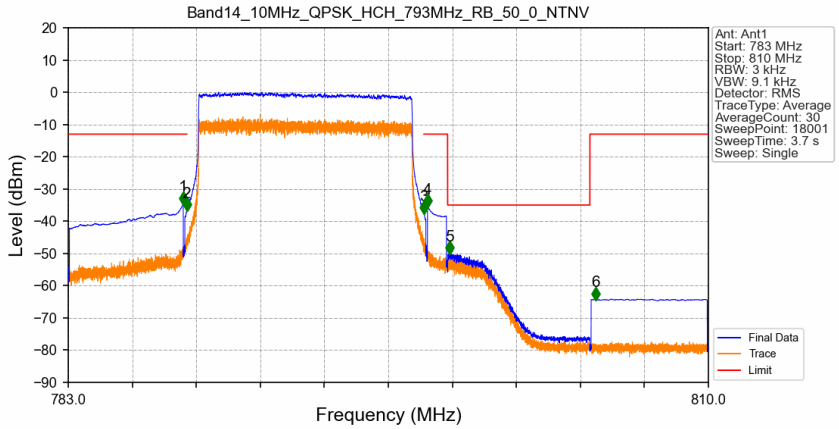
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	767.178	-75.62	-13	Pass
769	775	0.00625	CHP	2	773.006	-75.57	-35	Pass
775	787.9	0.1	CHP	3	787.847	-34.57	-13	Pass
787.9	788	0.03	CHP	4	787.991	-36.87	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-37.73	-13	Pass
798.1	799	0.1	CHP	6	798.150	-35.42	-13	Pass
799	803	0.00625	CHP	7	799.225	-49.87	-35	Pass

Band14_10MHz_QPSK_HCH_793MHz_RB_1_49_NTNV



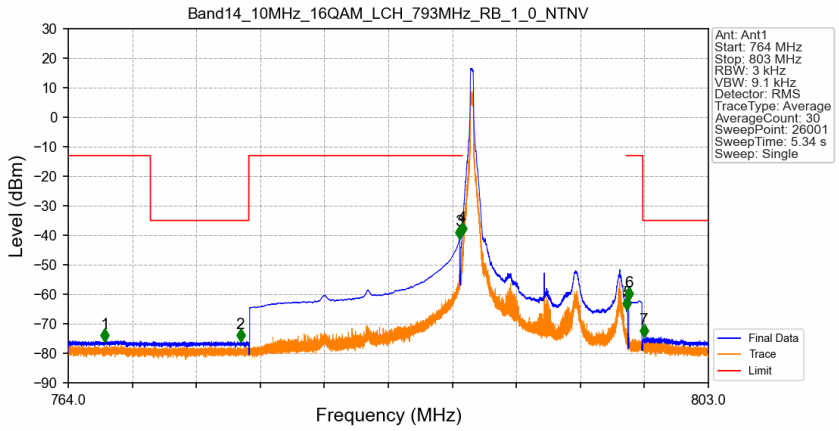
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.572	-59.07	-13	Pass
787.9	788	0.03	CHP	2	788.000	-56.87	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-38.97	-13	Pass
798.1	799	0.1	CHP	4	798.152	-40.46	-13	Pass
799	805	0.00625	CHP	5	799.062	-61.65	-35	Pass
805	810	0.1	CHP	6	805.845	-63.99	-13	Pass

Band14_10MHz_QPSK_HCH_793MHz_RB_50_0_NTNV



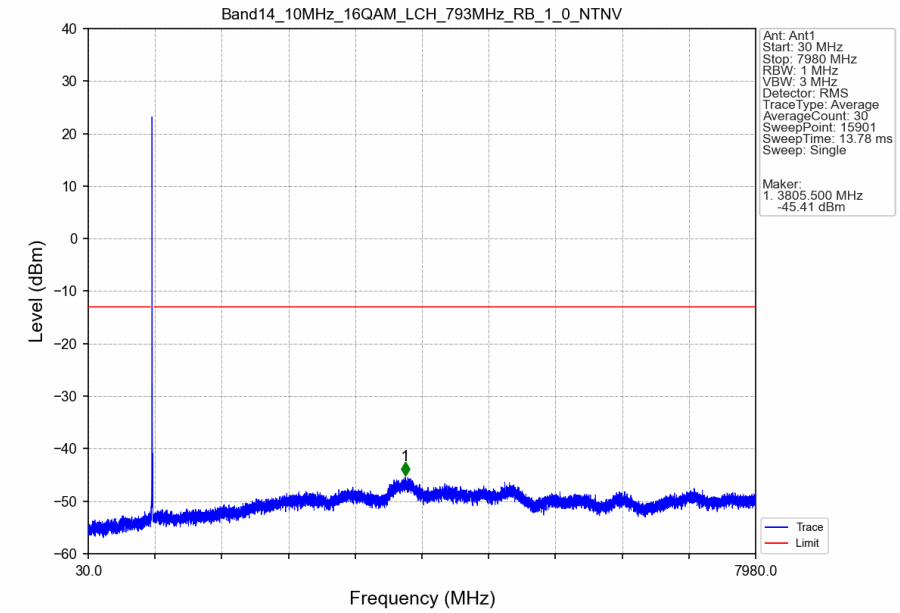
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-34.57	-13	Pass
787.9	788	0.03	CHP	2	787.998	-36.56	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.003	-37.41	-13	Pass
798.1	799	0.1	CHP	4	798.152	-35.35	-13	Pass
799	805	0.00625	CHP	5	799.096	-49.94	-35	Pass
805	810	0.1	CHP	6	805.233	-64.13	-13	Pass

Band14_10MHz_16QAM_LCH_793MHz_RB_1_0_NTNV

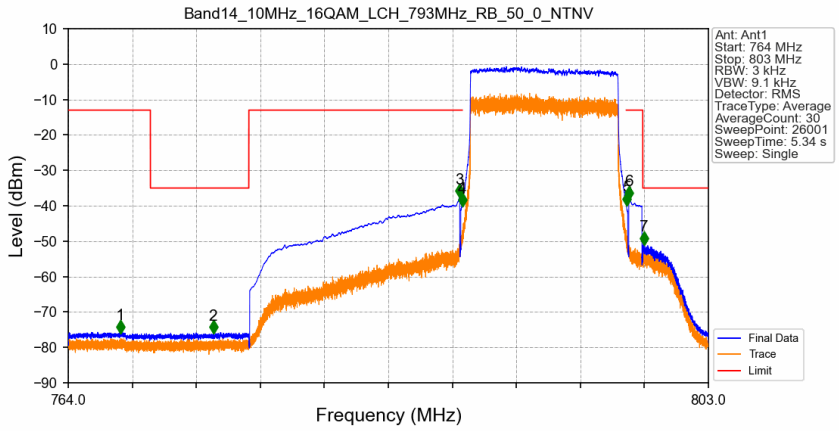


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	766.234	-75.72	-13	Pass
769	775	0.00625	CHP	2	774.491	-75.87	-35	Pass
775	787.9	0.1	CHP	3	787.848	-40.90	-13	Pass
787.9	788	0.03	CHP	4	787.999	-39.61	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-64.99	-13	Pass
798.1	799	0.1	CHP	6	798.150	-61.63	-13	Pass
799	803	0.00625	CHP	7	799.090	-74.24	-35	Pass

Band14_10MHz_16QAM_LCH_793MHz_RB_1_0_NTNV

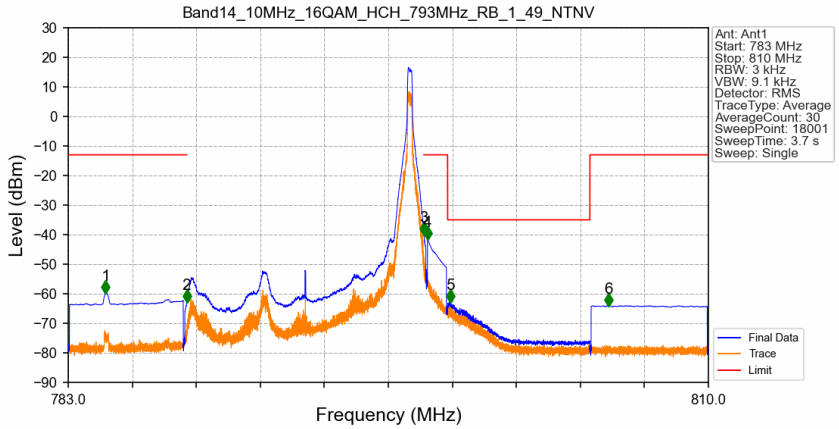


Band14_10MHz_16QAM_LCH_793MHz_RB_50_0_NTNV



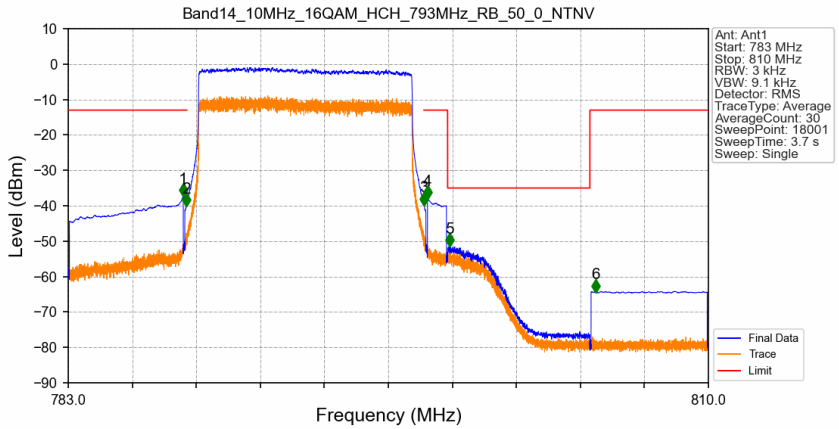
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	767.168	-75.70	-13	Pass
769	775	0.00625	CHP	2	772.831	-75.81	-35	Pass
775	787.9	0.1	CHP	3	787.848	-37.29	-13	Pass
787.9	788	0.03	CHP	4	787.995	-39.89	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-39.59	-13	Pass
798.1	799	0.1	CHP	6	798.150	-37.86	-13	Pass
799	803	0.00625	CHP	7	799.081	-50.70	-35	Pass

Band14_10MHz_16QAM_HCH_793MHz_RB_1_49_NTNV



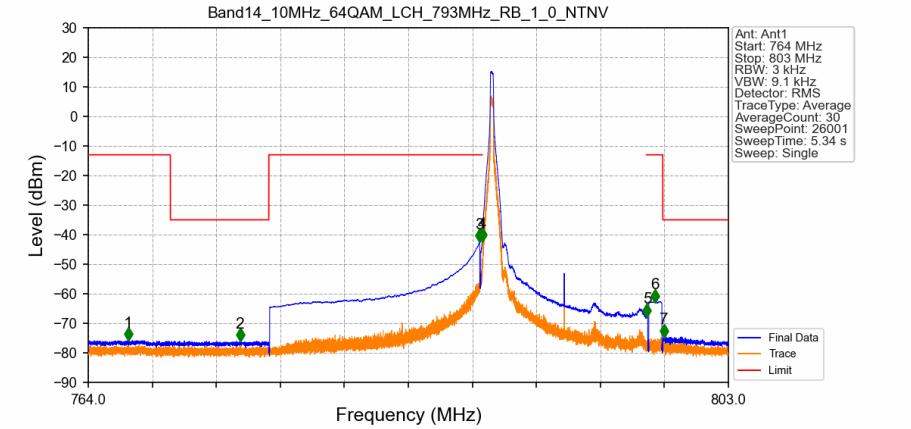
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.571	-59.68	-13	Pass
787.9	788	0.03	CHP	2	787.998	-62.68	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-39.83	-13	Pass
798.1	799	0.1	CHP	4	798.152	-41.40	-13	Pass
799	805	0.00625	CHP	5	799.126	-62.72	-35	Pass
805	810	0.1	CHP	6	805.798	-63.97	-13	Pass

Band14_10MHz_16QAM_HCH_793MHz_RB_50_0_NTNV



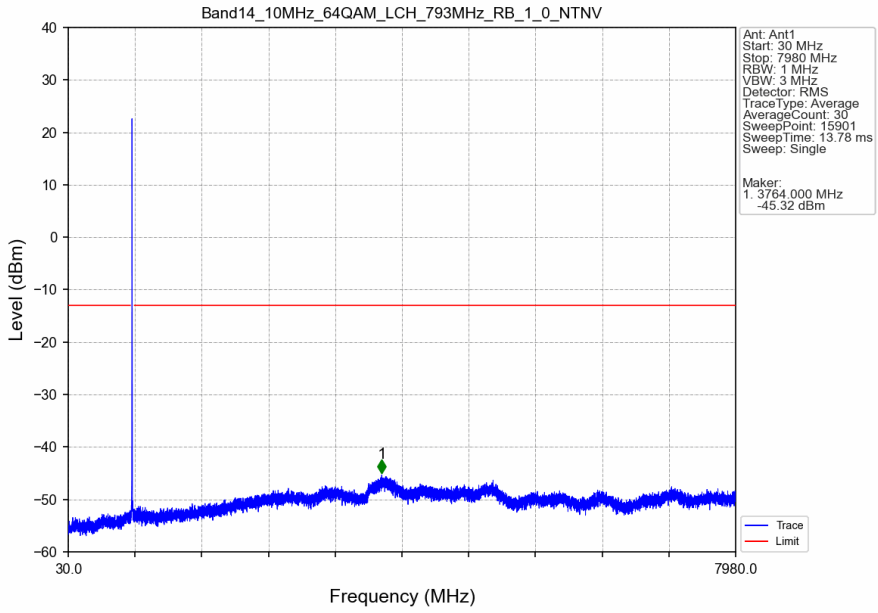
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-37.18	-13	Pass
787.9	788	0.03	CHP	2	787.979	-39.92	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.003	-39.61	-13	Pass
798.1	799	0.1	CHP	4	798.152	-37.80	-13	Pass
799	805	0.00625	CHP	5	799.080	-51.19	-35	Pass
805	810	0.1	CHP	6	805.235	-64.16	-13	Pass

Band14_10MHz_64QAM_LCH_793MHz_RB_1_0_NTNV

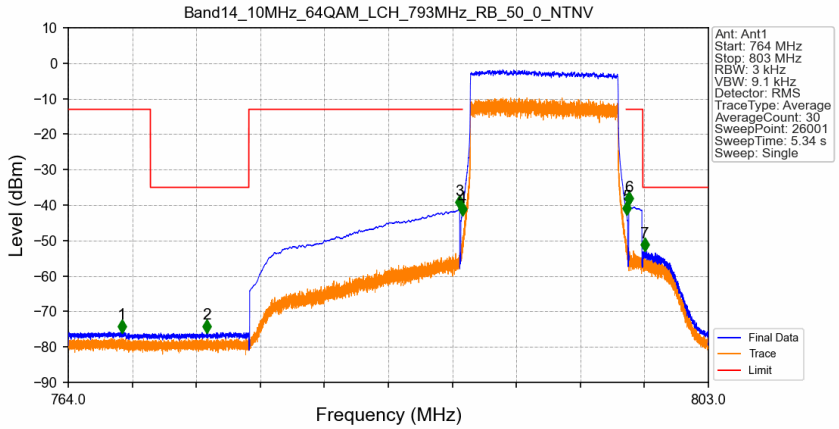


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	766.441	-75.55	-13	Pass
769	775	0.00625	CHP	2	773.243	-75.76	-35	Pass
775	787.9	0.1	CHP	3	787.847	-42.27	-13	Pass
787.9	788	0.03	CHP	4	787.999	-42.01	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.041	-67.47	-13	Pass
798.1	799	0.1	CHP	6	798.529	-62.57	-13	Pass
799	803	0.00625	CHP	7	799.068	-74.38	-35	Pass

Band14_10MHz_64QAM_LCH_793MHz_RB_1_0_NTNV

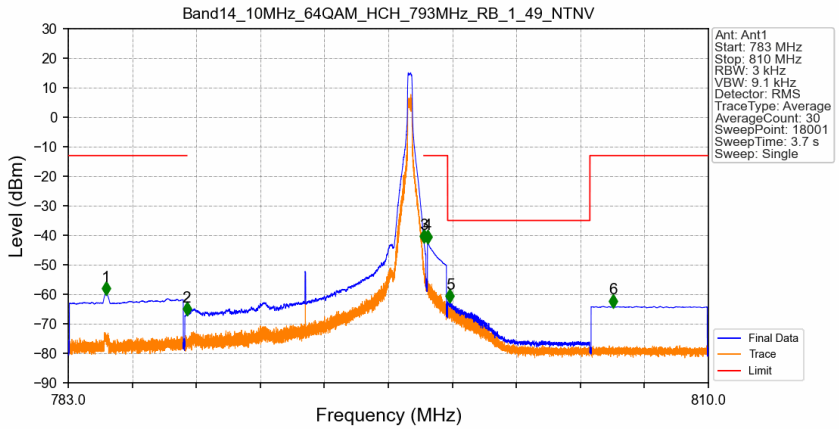


Band14_10MHz_64QAM_LCH_793MHz_RB_50_0_NTNV



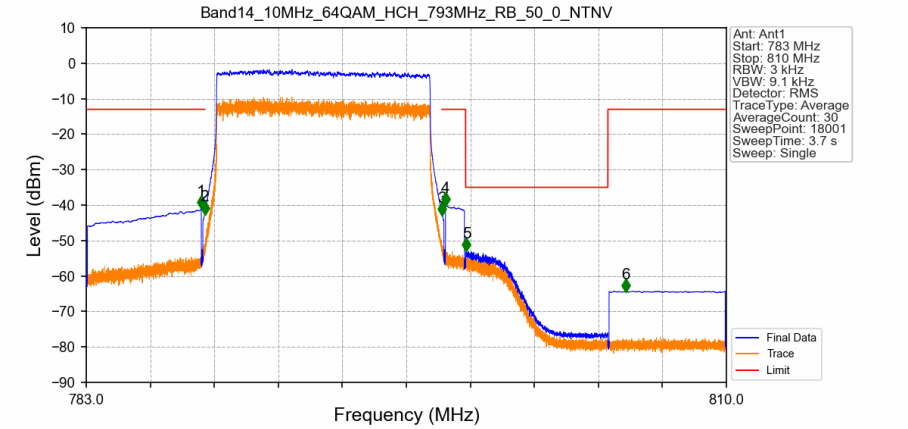
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.00625	CHP	1	767.267	-75.71	-13	Pass
769	775	0.00625	CHP	2	772.430	-75.71	-35	Pass
775	787.9	0.1	CHP	3	787.848	-40.71	-13	Pass
787.9	788	0.03	CHP	4	787.999	-42.64	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-42.39	-13	Pass
798.1	799	0.1	CHP	6	798.150	-39.72	-13	Pass
799	803	0.00625	CHP	7	799.111	-52.70	-35	Pass

Band14_10MHz_64QAM_HCH_793MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.584	-59.83	-13	Pass
787.9	788	0.03	CHP	2	787.998	-66.75	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-42.12	-13	Pass
798.1	799	0.1	CHP	4	798.152	-42.30	-13	Pass
799	805	0.00625	CHP	5	799.101	-62.48	-35	Pass
805	810	0.1	CHP	6	805.992	-64.10	-13	Pass

Band14_10MHz_64QAM_HCH_793MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.848	-40.79	-13	Pass
787.9	788	0.03	CHP	2	787.998	-42.36	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-42.65	-13	Pass
798.1	799	0.1	CHP	4	798.152	-39.86	-13	Pass
799	805	0.00625	CHP	5	799.035	-52.79	-35	Pass
805	810	0.1	CHP	6	805.754	-64.29	-13	Pass