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	24.36	-5.20	17.01	<=34.77	Pass
			13	24.30	-5.20	16.95	<=34.77	Pass
			24	24.17	-5.20	16.82	<=34.77	Pass
		12	0	23.29	-5.20	15.94	<=34.77	Pass
			6	23.27	-5.20	15.92	<=34.77	Pass
			13	23.27	-5.20	15.92	<=34.77	Pass
		25	0	23.31	-5.20	15.96	<=34.77	Pass
	782	1	0	24.23	-5.20	16.88	<=34.77	Pass
			13	24.10	-5.20	16.75	<=34.77	Pass
			24	24.12	-5.20	16.77	<=34.77	Pass
		12	0	23.32	-5.20	15.97	<=34.77	Pass
			6	23.23	-5.20	15.88	<=34.77	Pass
			13	23.21	-5.20	15.86	<=34.77	Pass
		25	0	23.26	-5.20	15.91	<=34.77	Pass
	784.5	1	0	24.12	-5.20	16.77	<=34.77	Pass
			13	24.11	-5.20	16.76	<=34.77	Pass
			24	24.26	-5.20	16.91	<=34.77	Pass
		12	0	23.21	-5.20	15.86	<=34.77	Pass
			6	23.26	-5.20	15.91	<=34.77	Pass
			13	23.19	-5.20	15.84	<=34.77	Pass
		25	0	23.25	-5.20	15.90	<=34.77	Pass
16QAM	779.5	1	0	23.44	-5.20	16.09	<=34.77	Pass
			13	23.45	-5.20	16.10	<=34.77	Pass
			24	23.46	-5.20	16.11	<=34.77	Pass
		12	0	22.27	-5.20	14.92	<=34.77	Pass
			6	22.32	-5.20	14.97	<=34.77	Pass
			13	22.31	-5.20	14.96	<=34.77	Pass
		25	0	22.31	-5.20	14.96	<=34.77	Pass
	782	1	0	23.40	-5.20	16.05	<=34.77	Pass
			13	23.51	-5.20	16.16	<=34.77	Pass
			24	23.48	-5.20	16.13	<=34.77	Pass
		12	0	22.33	-5.20	14.98	<=34.77	Pass
			6	22.26	-5.20	14.91	<=34.77	Pass
			13	22.19	-5.20	14.84	<=34.77	Pass
		25	0	22.27	-5.20	14.92	<=34.77	Pass
	784.5	1	0	23.31	-5.20	15.96	<=34.77	Pass
			13	23.38	-5.20	16.03	<=34.77	Pass
			24	23.38	-5.20	16.03	<=34.77	Pass
		12	0	22.25	-5.20	14.90	<=34.77	Pass
			6	22.26	-5.20	14.91	<=34.77	Pass
			13	22.25	-5.20	14.90	<=34.77	Pass
		25	0	22.28	-5.20	14.93	<=34.77	Pass
64QAM	779.5	1	0	22.43	-5.20	15.08	<=34.77	Pass
			13	22.37	-5.20	15.02	<=34.77	Pass
			24	22.33	-5.20	14.98	<=34.77	Pass
		12	0	21.32	-5.20	13.97	<=34.77	Pass
			6	21.34	-5.20	13.99	<=34.77	Pass
			13	21.33	-5.20	13.98	<=34.77	Pass
		25	0	21.28	-5.20	13.93	<=34.77	Pass

	782	1	0	22.44	-5.20	15.09	<=34.77	Pass
			13	22.32	-5.20	14.97	<=34.77	Pass
			24	22.39	-5.20	15.04	<=34.77	Pass
		12	0	21.28	-5.20	13.93	<=34.77	Pass
			6	21.27	-5.20	13.92	<=34.77	Pass
			13	21.22	-5.20	13.87	<=34.77	Pass
		25	0	21.27	-5.20	13.92	<=34.77	Pass
	784.5	1	0	22.30	-5.20	14.95	<=34.77	Pass
			13	22.41	-5.20	15.06	<=34.77	Pass
			24	22.33	-5.20	14.98	<=34.77	Pass
		12	0	21.27	-5.20	13.92	<=34.77	Pass
			6	21.26	-5.20	13.91	<=34.77	Pass
			13	21.23	-5.20	13.88	<=34.77	Pass
		25	0	21.21	-5.20	13.86	<=34.77	Pass
256QAM	779.5	1	0	19.44	-5.20	12.09	<=34.77	Pass
			13	19.33	-5.20	11.98	<=34.77	Pass
			24	19.33	-5.20	11.98	<=34.77	Pass
		12	0	19.29	-5.20	11.94	<=34.77	Pass
			6	19.29	-5.20	11.94	<=34.77	Pass
			13	19.26	-5.20	11.91	<=34.77	Pass
		25	0	19.29	-5.20	11.94	<=34.77	Pass
	782	1	0	19.43	-5.20	12.08	<=34.77	Pass
			13	19.33	-5.20	11.98	<=34.77	Pass
			24	19.27	-5.20	11.92	<=34.77	Pass
		12	0	19.26	-5.20	11.91	<=34.77	Pass
			6	19.23	-5.20	11.88	<=34.77	Pass
			13	19.19	-5.20	11.84	<=34.77	Pass
		25	0	19.26	-5.20	11.91	<=34.77	Pass
	784.5	1	0	19.35	-5.20	12.00	<=34.77	Pass
			13	19.27	-5.20	11.92	<=34.77	Pass
			24	19.25	-5.20	11.90	<=34.77	Pass
		12	0	19.26	-5.20	11.91	<=34.77	Pass
			6	19.20	-5.20	11.85	<=34.77	Pass
			13	19.15	-5.20	11.80	<=34.77	Pass
		25	0	19.23	-5.20	11.88	<=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	24.17	-5.20	16.82	<=34.77	Pass
			25	24.20	-5.20	16.85	<=34.77	Pass
			49	24.17	-5.20	16.82	<=34.77	Pass
		25	0	23.29	-5.20	15.94	<=34.77	Pass
			13	23.26	-5.20	15.91	<=34.77	Pass
			25	23.27	-5.20	15.92	<=34.77	Pass
		50	0	23.26	-5.20	15.91	<=34.77	Pass
16QAM	782	1	0	23.42	-5.20	16.07	<=34.77	Pass
			25	23.48	-5.20	16.13	<=34.77	Pass
			49	23.40	-5.20	16.05	<=34.77	Pass
		25	0	22.28	-5.20	14.93	<=34.77	Pass
			13	22.29	-5.20	14.94	<=34.77	Pass
			25	22.23	-5.20	14.88	<=34.77	Pass
		50	0	22.22	-5.20	14.87	<=34.77	Pass
64QAM	782	1	0	22.48	-5.20	15.13	<=34.77	Pass

			25	22.42	-5.20	15.07	<=34.77	Pass
			49	22.34	-5.20	14.99	<=34.77	Pass
		25	0	21.27	-5.20	13.92	<=34.77	Pass
			13	21.24	-5.20	13.89	<=34.77	Pass
			25	21.18	-5.20	13.83	<=34.77	Pass
		50	0	21.25	-5.20	13.90	<=34.77	Pass
256QAM	782	1	0	19.46	-5.20	12.11	<=34.77	Pass
			25	19.27	-5.20	11.92	<=34.77	Pass
			49	19.23	-5.20	11.88	<=34.77	Pass
		25	0	19.27	-5.20	11.92	<=34.77	Pass
			13	19.25	-5.20	11.90	<=34.77	Pass
			25	19.18	-5.20	11.83	<=34.77	Pass
		50	0	19.23	-5.20	11.88	<=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	3.4	-7.400	-0.0095	-2.5 to 2.5	Pass
					3.92	-1.700	-0.0022	-2.5 to 2.5	Pass
					4.5	-3.100	-0.0040	-2.5 to 2.5	Pass
				-30	3.92	-1.800	-0.0023	-2.5 to 2.5	Pass
				-20	3.92	-1.200	-0.0015	-2.5 to 2.5	Pass
				-10	3.92	-2.700	-0.0035	-2.5 to 2.5	Pass
				0	3.92	2.500	0.0032	-2.5 to 2.5	Pass
				10	3.92	1.200	0.0015	-2.5 to 2.5	Pass
				30	3.92	-2.800	-0.0036	-2.5 to 2.5	Pass
				40	3.92	-2.100	-0.0027	-2.5 to 2.5	Pass
				50	3.92	-2.400	-0.0031	-2.5 to 2.5	Pass
	782	25	0	20	3.4	-1.700	-0.0022	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0020	-2.5 to 2.5	Pass
					4.5	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-2.200	-0.0028	-2.5 to 2.5	Pass
				-20	3.92	-0.400	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	-1.300	-0.0017	-2.5 to 2.5	Pass
				0	3.92	-3.500	-0.0045	-2.5 to 2.5	Pass
				10	3.92	-2.600	-0.0033	-2.5 to 2.5	Pass
				30	3.92	-4.500	-0.0058	-2.5 to 2.5	Pass
				40	3.92	-4.200	-0.0054	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
	784.5	25	0	20	3.4	-2.300	-0.0029	-2.5 to 2.5	Pass
					3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
					4.5	-1.100	-0.0014	-2.5 to 2.5	Pass
				-30	3.92	-0.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0036	-2.5 to 2.5	Pass
				-10	3.92	-3.800	-0.0048	-2.5 to 2.5	Pass
				0	3.92	-4.200	-0.0054	-2.5 to 2.5	Pass
				10	3.92	-3.000	-0.0038	-2.5 to 2.5	Pass
				30	3.92	-0.800	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-2.400	-0.0031	-2.5 to 2.5	Pass
				50	3.92	-1.600	-0.0020	-2.5 to 2.5	Pass

16QAM	779.5	25	0	20	3.4	-1.500	-0.0019	-2.5 to 2.5	Pass
					3.92	-2.600	-0.0033	-2.5 to 2.5	Pass
					4.5	-3.800	-0.0049	-2.5 to 2.5	Pass
				-30	3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
				-20	3.92	-2.500	-0.0032	-2.5 to 2.5	Pass
				-10	3.92	0.300	0.0004	-2.5 to 2.5	Pass
				0	3.92	1.500	0.0019	-2.5 to 2.5	Pass
				10	3.92	1.400	0.0018	-2.5 to 2.5	Pass
				30	3.92	-2.700	-0.0035	-2.5 to 2.5	Pass
				40	3.92	-3.700	-0.0047	-2.5 to 2.5	Pass
				50	3.92	-3.300	-0.0042	-2.5 to 2.5	Pass
	782	25	0	20	3.4	-2.100	-0.0027	-2.5 to 2.5	Pass
					3.92	-2.300	-0.0029	-2.5 to 2.5	Pass
					4.5	-0.600	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	-1.000	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-5.300	-0.0068	-2.5 to 2.5	Pass
				-10	3.92	-4.900	-0.0063	-2.5 to 2.5	Pass
				0	3.92	-6.400	-0.0082	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0014	-2.5 to 2.5	Pass
				30	3.92	-1.300	-0.0017	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0013	-2.5 to 2.5	Pass
				50	3.92	-5.100	-0.0065	-2.5 to 2.5	Pass
	784.5	25	0	20	3.4	-3.900	-0.0050	-2.5 to 2.5	Pass
					3.92	-1.400	-0.0018	-2.5 to 2.5	Pass
					4.5	-1.500	-0.0019	-2.5 to 2.5	Pass
				-30	3.92	-2.700	-0.0034	-2.5 to 2.5	Pass
				-20	3.92	-7.500	-0.0096	-2.5 to 2.5	Pass
				-10	3.92	-5.200	-0.0066	-2.5 to 2.5	Pass
				0	3.92	-7.300	-0.0093	-2.5 to 2.5	Pass
				10	3.92	-2.700	-0.0034	-2.5 to 2.5	Pass
				30	3.92	-3.800	-0.0048	-2.5 to 2.5	Pass
				40	3.92	-2.700	-0.0034	-2.5 to 2.5	Pass
				50	3.92	-3.600	-0.0046	-2.5 to 2.5	Pass
64QAM	779.5	25	0	20	3.4	-3.100	-0.0040	-2.5 to 2.5	Pass
					3.92	-1.400	-0.0018	-2.5 to 2.5	Pass
					4.5	-4.000	-0.0051	-2.5 to 2.5	Pass
				-30	3.92	-4.200	-0.0054	-2.5 to 2.5	Pass
				-20	3.92	-5.100	-0.0065	-2.5 to 2.5	Pass
				-10	3.92	-3.800	-0.0049	-2.5 to 2.5	Pass
				0	3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
				10	3.92	-2.100	-0.0027	-2.5 to 2.5	Pass
				30	3.92	-2.500	-0.0032	-2.5 to 2.5	Pass
				40	3.92	-3.000	-0.0038	-2.5 to 2.5	Pass
				50	3.92	-3.700	-0.0047	-2.5 to 2.5	Pass
	782	25	0	20	3.4	-2.100	-0.0027	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0042	-2.5 to 2.5	Pass
					4.5	1.000	0.0013	-2.5 to 2.5	Pass
				-30	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-0.700	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	-1.400	-0.0018	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-2.600	-0.0033	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0013	-2.5 to 2.5	Pass
				40	3.92	0.500	0.0006	-2.5 to 2.5	Pass
				50	3.92	0.100	0.0001	-2.5 to 2.5	Pass
	784.5	25	0	20	3.4	-2.400	-0.0031	-2.5 to 2.5	Pass
					3.92	0.500	0.0006	-2.5 to 2.5	Pass
					4.5	0.200	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-0.800	-0.0010	-2.5 to 2.5	Pass

				-20	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	-1.000	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-2.400	-0.0031	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0015	-2.5 to 2.5	Pass
				30	3.92	-1.400	-0.0018	-2.5 to 2.5	Pass
				40	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-1.400	-0.0018	-2.5 to 2.5	Pass
256QAM	779.5	25	0	20	3.4	-4.200	-0.0054	-2.5 to 2.5	Pass
					3.92	-3.800	-0.0049	-2.5 to 2.5	Pass
					4.5	-1.500	-0.0019	-2.5 to 2.5	Pass
				-30	3.92	-3.700	-0.0047	-2.5 to 2.5	Pass
				-20	3.92	-3.800	-0.0049	-2.5 to 2.5	Pass
				-10	3.92	-4.400	-0.0056	-2.5 to 2.5	Pass
				0	3.92	-2.700	-0.0035	-2.5 to 2.5	Pass
				10	3.92	-2.000	-0.0026	-2.5 to 2.5	Pass
				30	3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
				40	3.92	-1.300	-0.0017	-2.5 to 2.5	Pass
				50	3.92	-4.000	-0.0051	-2.5 to 2.5	Pass
	782	25	0	20	3.4	-2.900	-0.0037	-2.5 to 2.5	Pass
					3.92	-3.400	-0.0043	-2.5 to 2.5	Pass
					4.5	-3.200	-0.0041	-2.5 to 2.5	Pass
				-30	3.92	-3.200	-0.0041	-2.5 to 2.5	Pass
				-20	3.92	-3.900	-0.0050	-2.5 to 2.5	Pass
				-10	3.92	-1.200	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.92	1.200	0.0015	-2.5 to 2.5	Pass
				30	3.92	-2.700	-0.0035	-2.5 to 2.5	Pass
				40	3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
				50	3.92	-3.300	-0.0042	-2.5 to 2.5	Pass
	784.5	25	0	20	3.4	-3.300	-0.0042	-2.5 to 2.5	Pass
					3.92	-3.500	-0.0045	-2.5 to 2.5	Pass
					4.5	-1.700	-0.0022	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0031	-2.5 to 2.5	Pass
				-20	3.92	-2.200	-0.0028	-2.5 to 2.5	Pass
				-10	3.92	-3.300	-0.0042	-2.5 to 2.5	Pass
				0	3.92	-4.100	-0.0052	-2.5 to 2.5	Pass
				10	3.92	-3.700	-0.0047	-2.5 to 2.5	Pass
				30	3.92	-3.600	-0.0046	-2.5 to 2.5	Pass
				40	3.92	-4.300	-0.0055	-2.5 to 2.5	Pass
				50	3.92	-4.300	-0.0055	-2.5 to 2.5	Pass

2.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	3.4	-2.100	-0.0027	-2.5 to 2.5	Pass
					3.92	-1.800	-0.0023	-2.5 to 2.5	Pass
					4.5	-5.500	-0.0070	-2.5 to 2.5	Pass
				-30	3.92	-3.700	-0.0047	-2.5 to 2.5	Pass
				-20	3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
				-10	3.92	-3.600	-0.0046	-2.5 to 2.5	Pass
				0	3.92	-3.300	-0.0042	-2.5 to 2.5	Pass
				10	3.92	-1.900	-0.0024	-2.5 to 2.5	Pass
				30	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
				50	3.92	-4.100	-0.0052	-2.5 to 2.5	Pass

16QAM	782	50	0	20	3.4	-1.800	-0.0023	-2.5 to 2.5	Pass
					3.92	-2.900	-0.0037	-2.5 to 2.5	Pass
					4.5	-1.800	-0.0023	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0015	-2.5 to 2.5	Pass
				-20	3.92	-6.400	-0.0082	-2.5 to 2.5	Pass
				-10	3.92	-6.800	-0.0087	-2.5 to 2.5	Pass
				0	3.92	-7.300	-0.0093	-2.5 to 2.5	Pass
				10	3.92	-3.300	-0.0042	-2.5 to 2.5	Pass
				30	3.92	-6.100	-0.0078	-2.5 to 2.5	Pass
				40	3.92	-5.600	-0.0072	-2.5 to 2.5	Pass
				50	3.92	-2.400	-0.0031	-2.5 to 2.5	Pass
64QAM	782	50	0	20	3.4	-1.300	-0.0017	-2.5 to 2.5	Pass
					3.92	-0.500	-0.0006	-2.5 to 2.5	Pass
					4.5	-4.000	-0.0051	-2.5 to 2.5	Pass
				-30	3.92	-0.800	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0036	-2.5 to 2.5	Pass
				-10	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0018	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0012	-2.5 to 2.5	Pass
				30	3.92	-4.100	-0.0052	-2.5 to 2.5	Pass
				40	3.92	-1.300	-0.0017	-2.5 to 2.5	Pass
				50	3.92	-1.500	-0.0019	-2.5 to 2.5	Pass
256QAM	782	50	0	20	3.4	1.600	0.0020	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0020	-2.5 to 2.5	Pass
					4.5	-3.000	-0.0038	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-0.500	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				0	3.92	-1.300	-0.0017	-2.5 to 2.5	Pass
				10	3.92	-1.400	-0.0018	-2.5 to 2.5	Pass
				30	3.92	-3.900	-0.0050	-2.5 to 2.5	Pass
				40	3.92	-3.200	-0.0041	-2.5 to 2.5	Pass
				50	3.92	-1.600	-0.0020	-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	4.554	/	Pass
		782	25	0	4.543	/	Pass
		784.5	25	0	4.538	/	Pass
	16QAM	779.5	25	0	4.521	/	Pass
		782	25	0	4.537	/	Pass
		784.5	25	0	4.547	/	Pass
	64QAM	779.5	25	0	4.527	/	Pass
		782	25	0	4.542	/	Pass
		784.5	25	0	4.541	/	Pass
	256QAM	779.5	25	0	4.509	/	Pass
		782	25	0	4.532	/	Pass
		784.5	25	0	4.517	/	Pass
10	QPSK	782	50	0	9.076	/	Pass
	16QAM	782	50	0	9.044	/	Pass

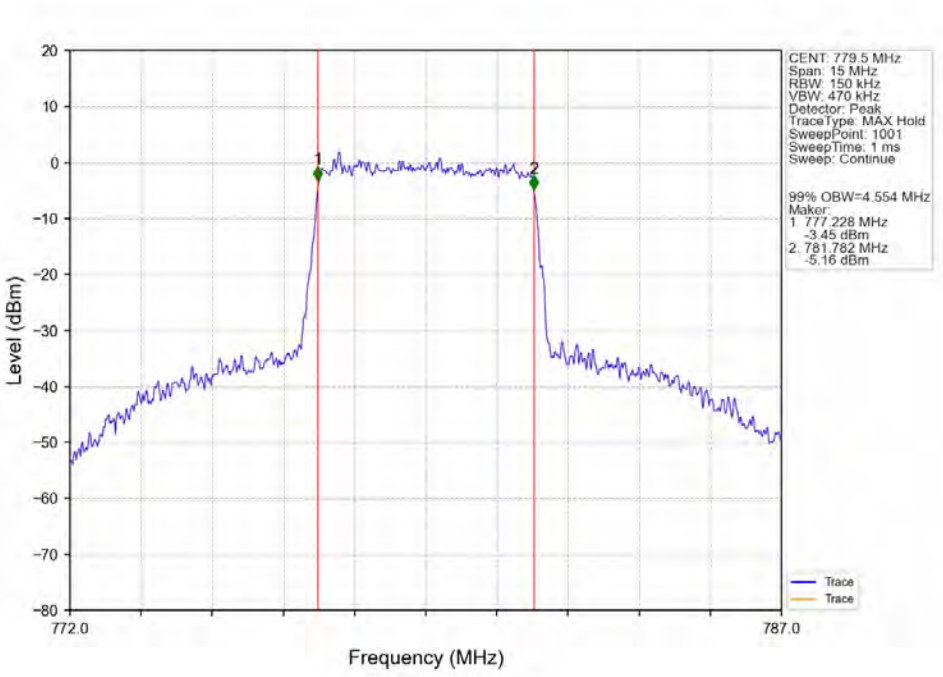
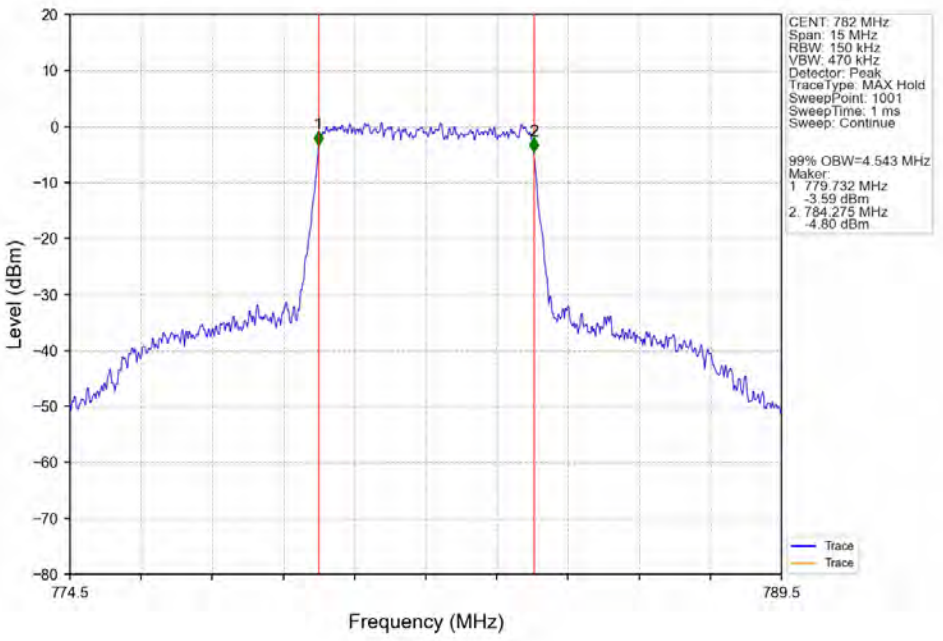
	64QAM	782	50	0	9.074	/	Pass
	256QAM	782	50	0	9.048	/	Pass

3.1.2 Band13_XDB

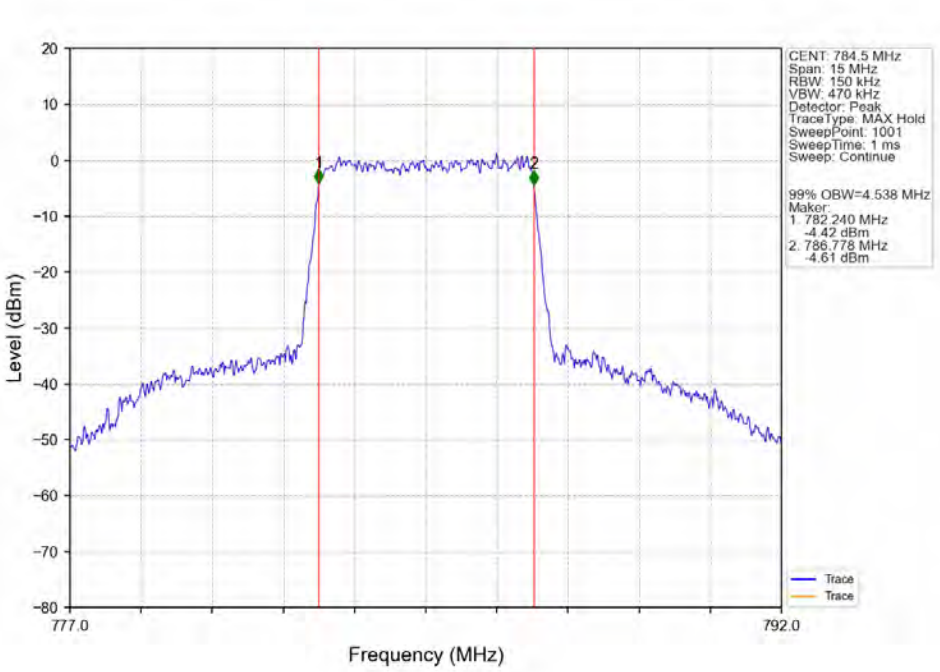
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.023	/	Pass
		782	25	0	5.084	/	Pass
		784.5	25	0	5.034	/	Pass
	16QAM	779.5	25	0	5.007	/	Pass
		782	25	0	5.030	/	Pass
		784.5	25	0	5.031	/	Pass
	64QAM	779.5	25	0	5.074	/	Pass
		782	25	0	5.068	/	Pass
		784.5	25	0	5.037	/	Pass
	256QAM	779.5	25	0	4.975	/	Pass
		782	25	0	5.002	/	Pass
		784.5	25	0	5.034	/	Pass
10	QPSK	782	50	0	10.015	/	Pass
	16QAM	782	50	0	9.938	/	Pass
	64QAM	782	50	0	9.960	/	Pass
	256QAM	782	50	0	9.971	/	Pass

3.2 Test Graph

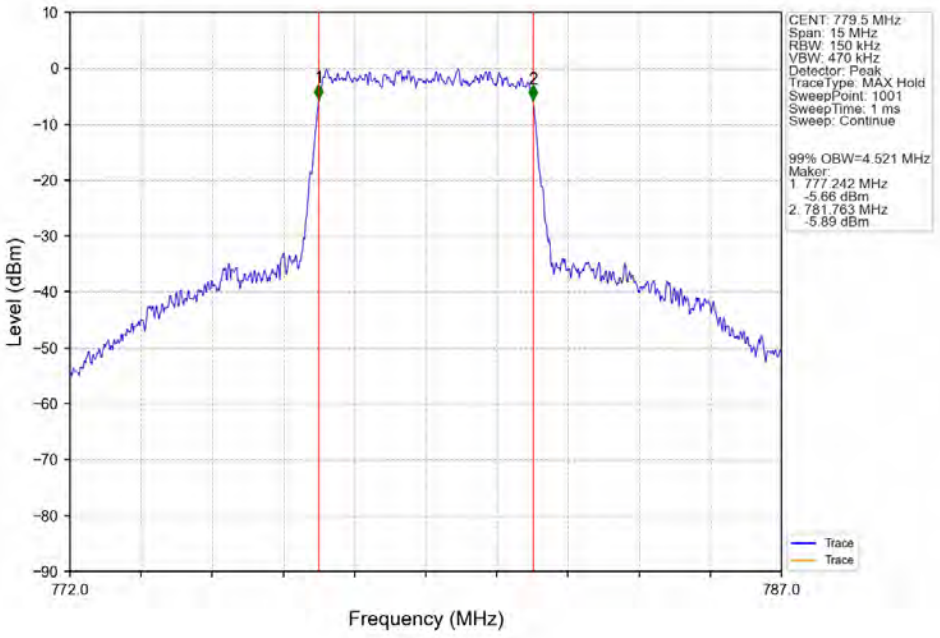
3.2.1 Band13_OBW

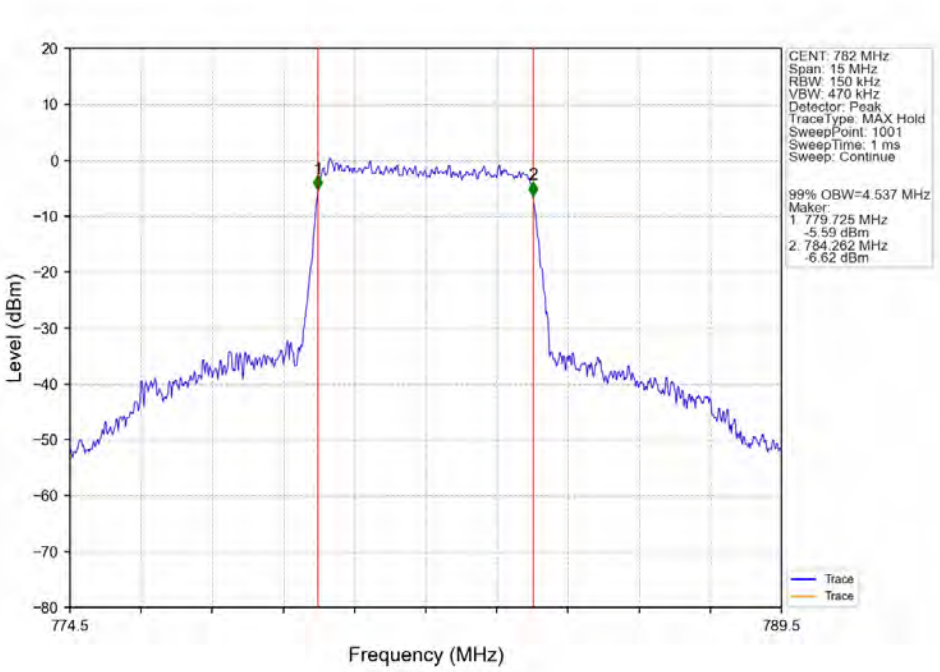
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV


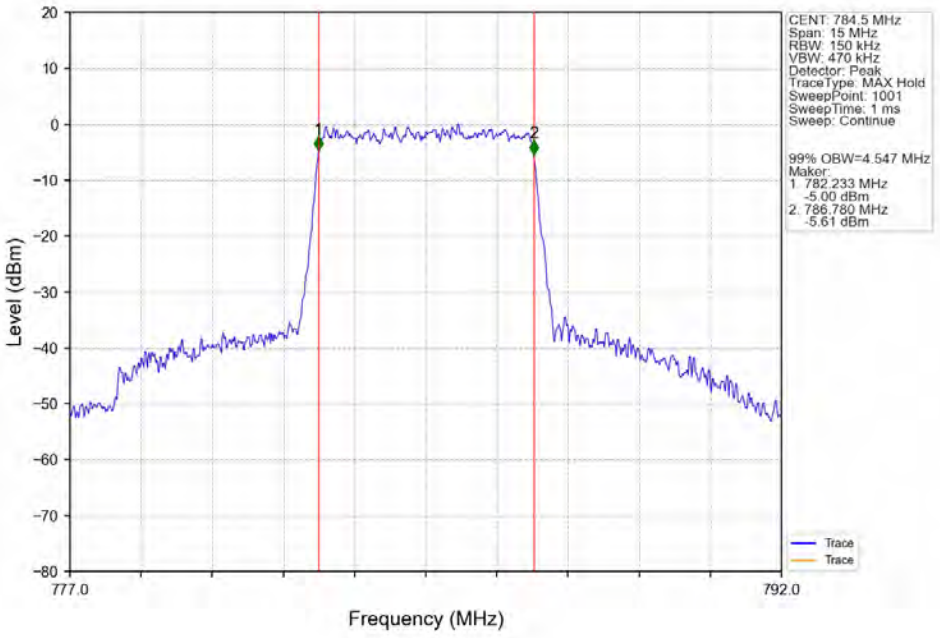
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



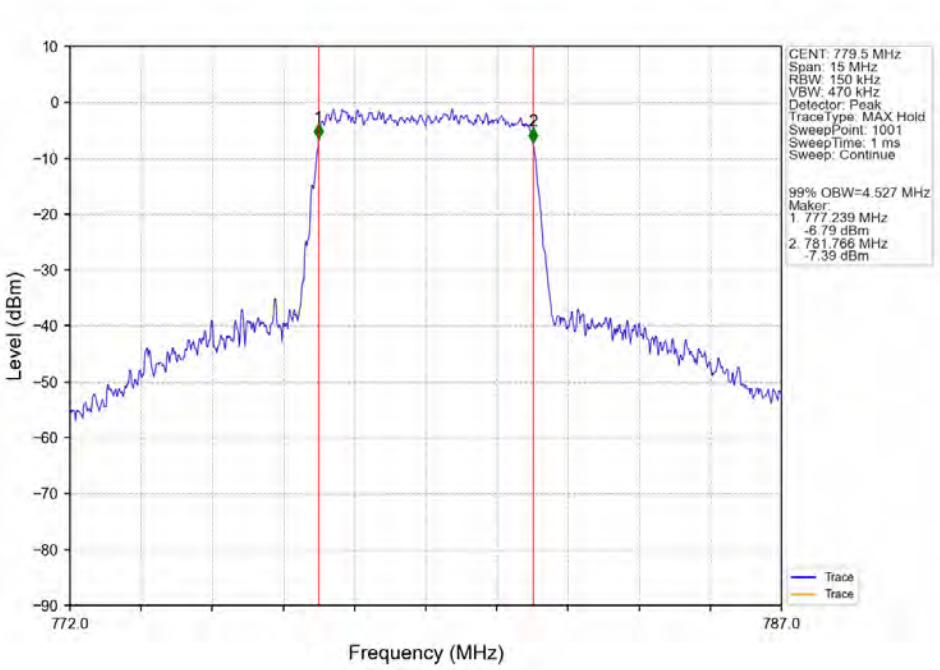
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



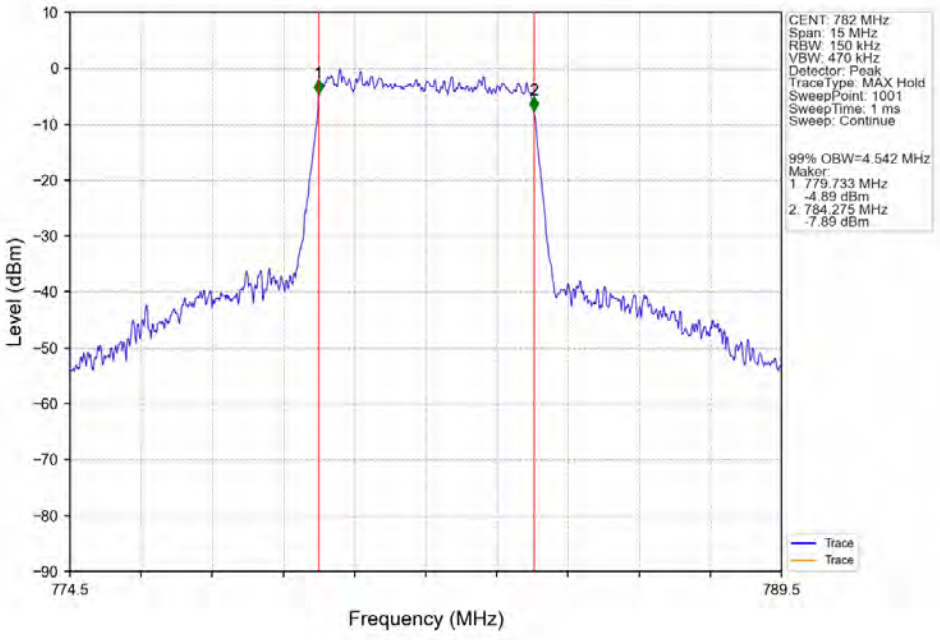
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV


Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV


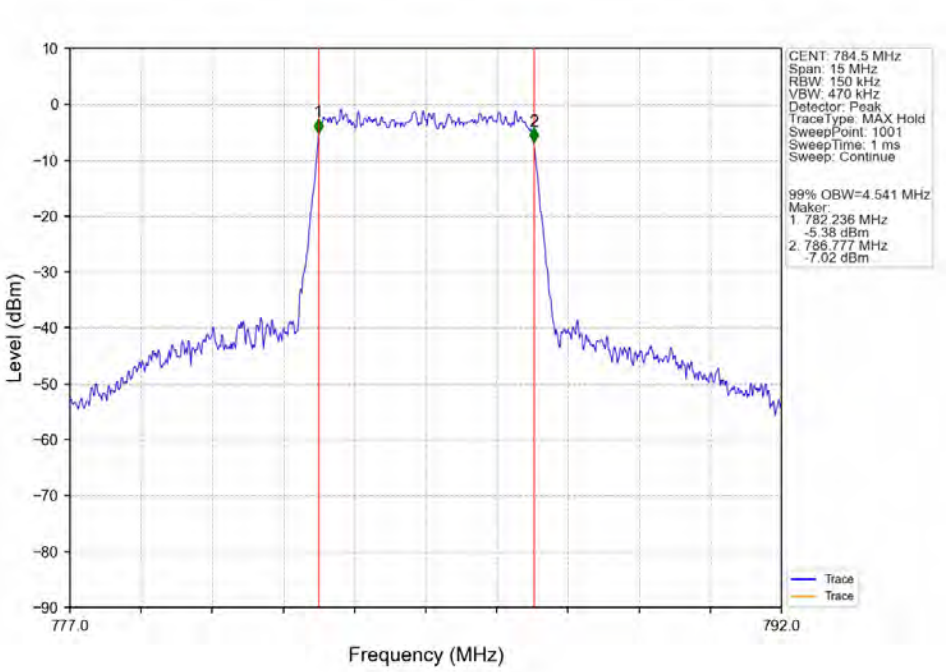
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



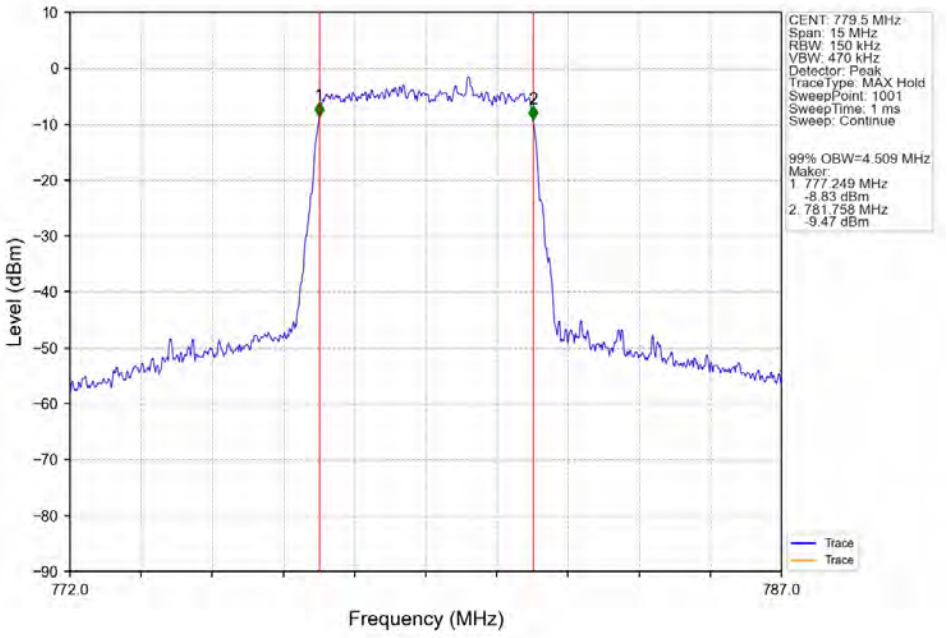
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



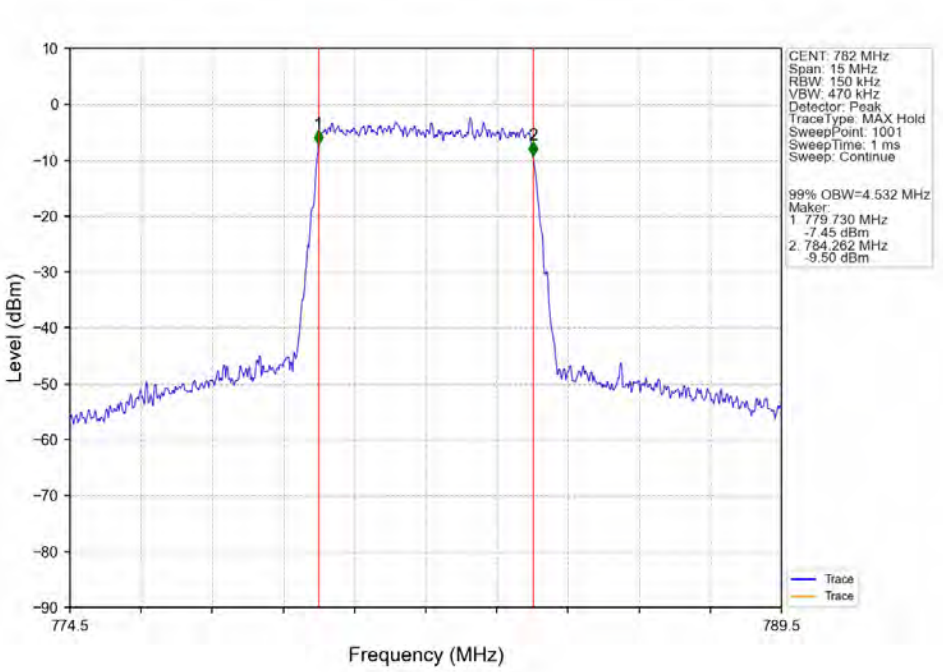
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



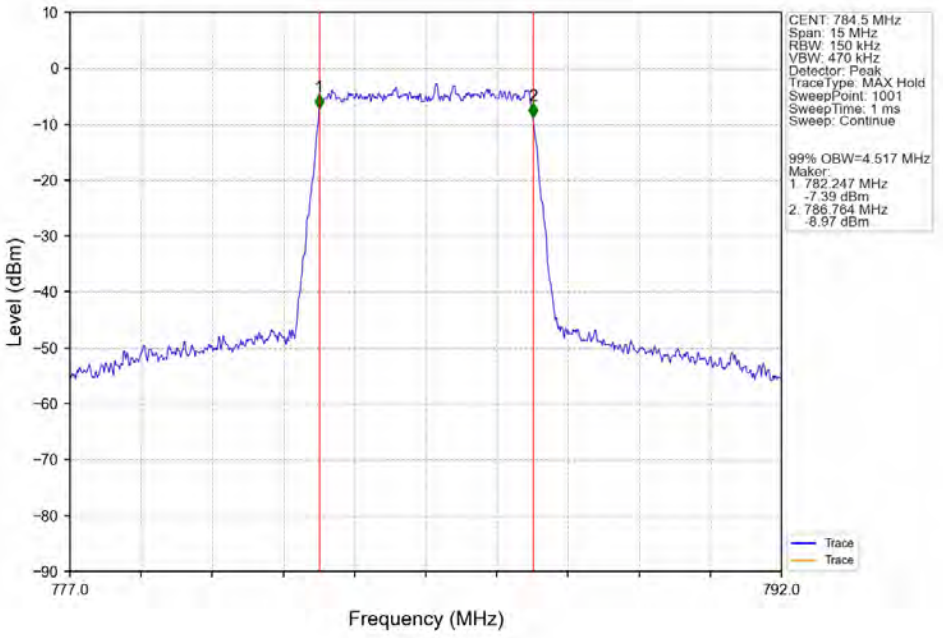
Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV

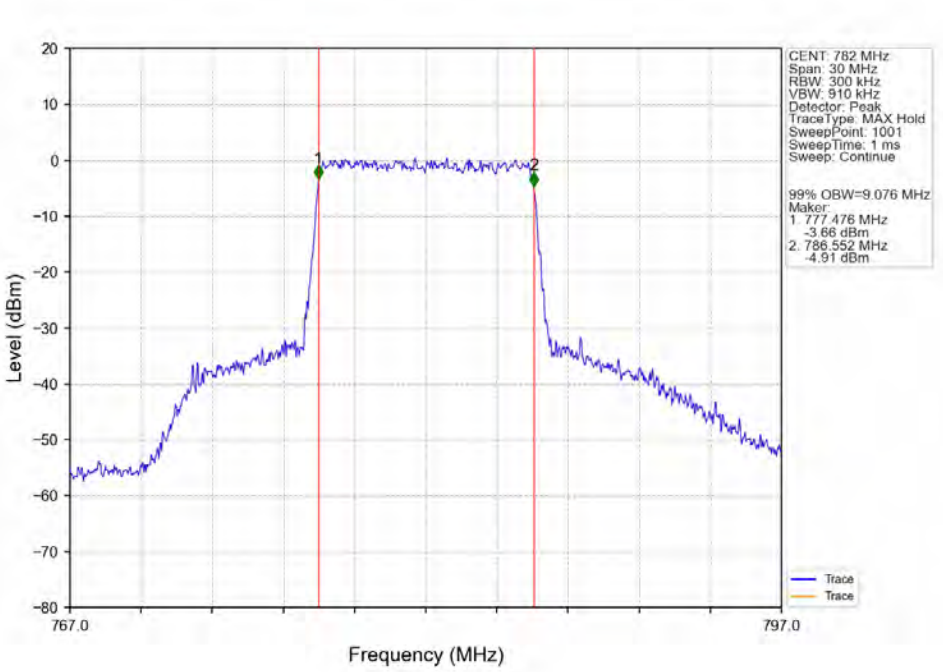


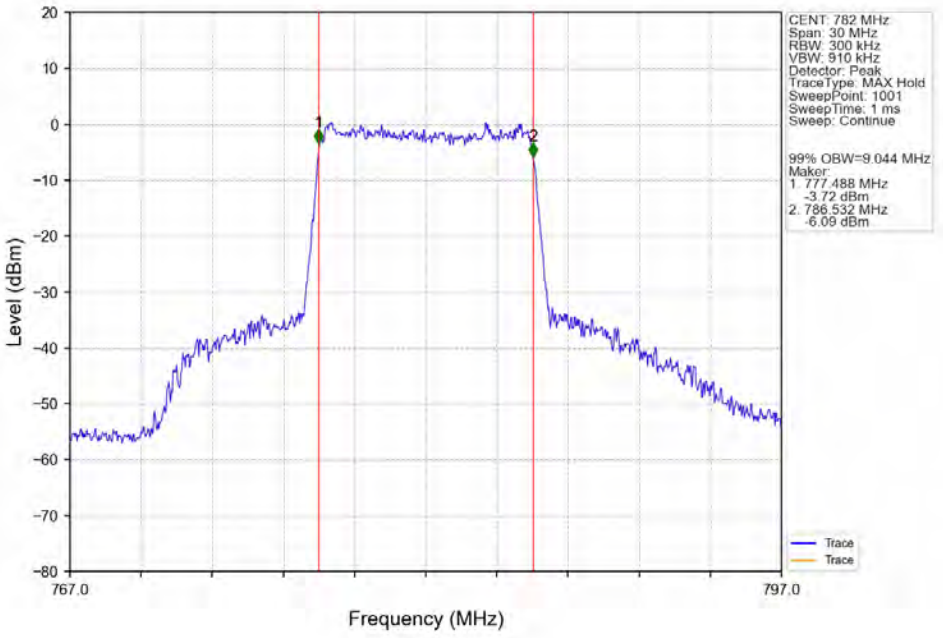
Band13_5MHz_256QAM_MCH_782MHz_RB_25_0_NTNV



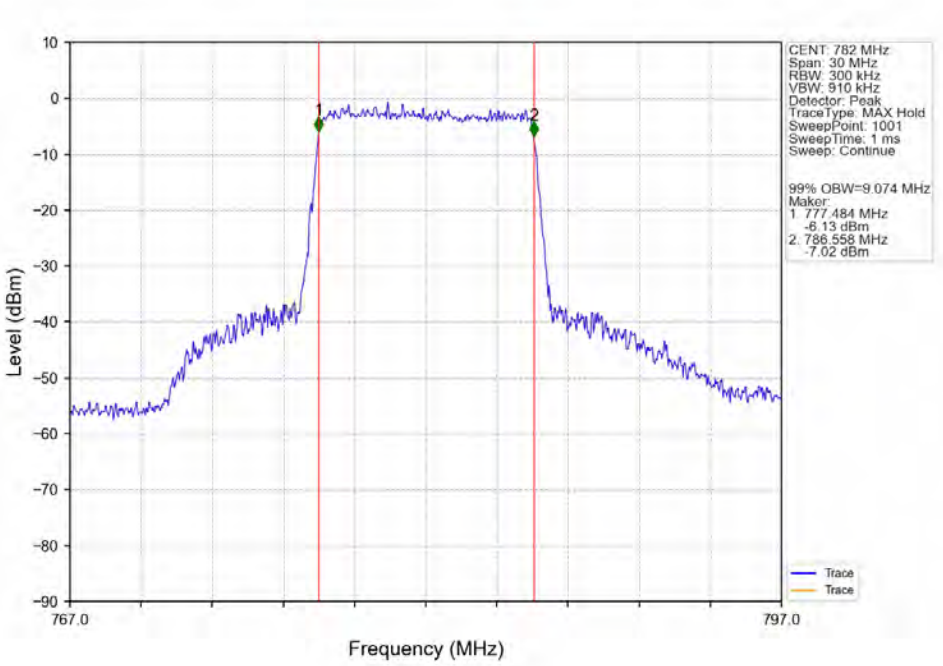
Band13_5MHz_256QAM_HCH_784.5MHz_RB_25_0_NTNV



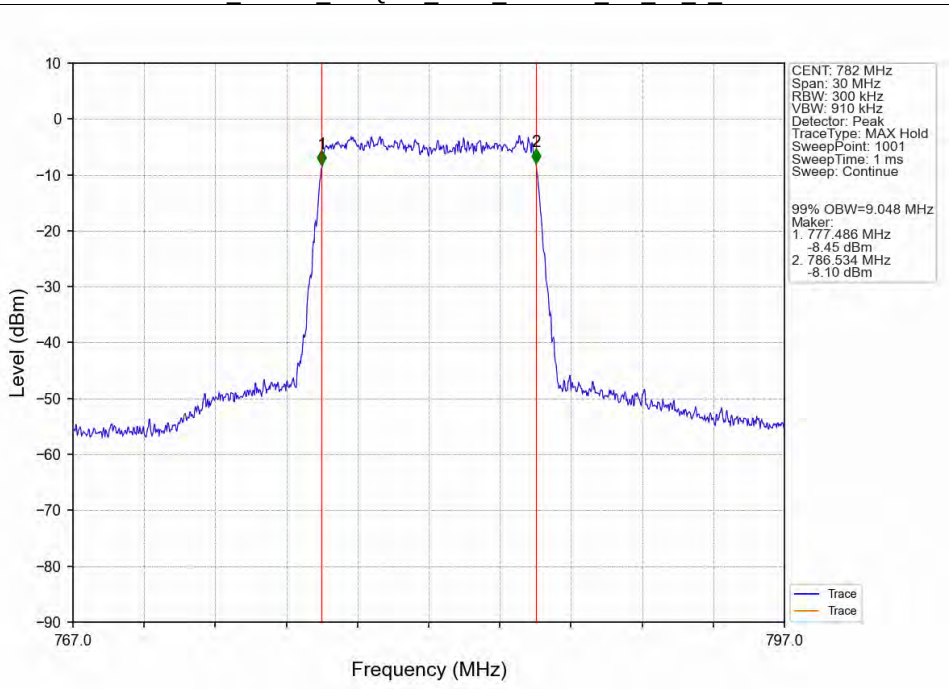
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV


Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV


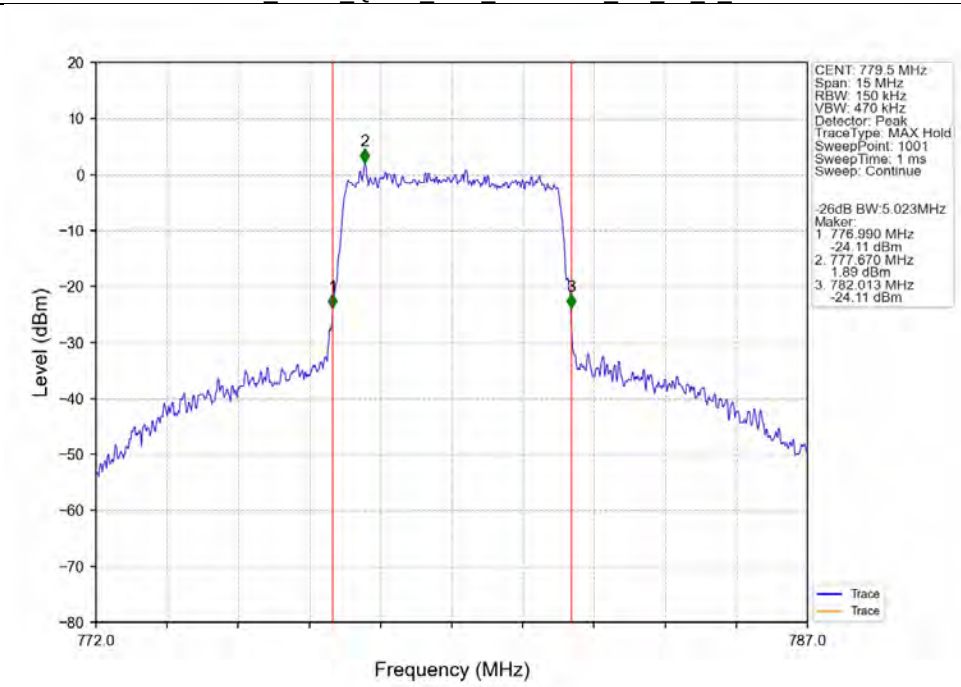
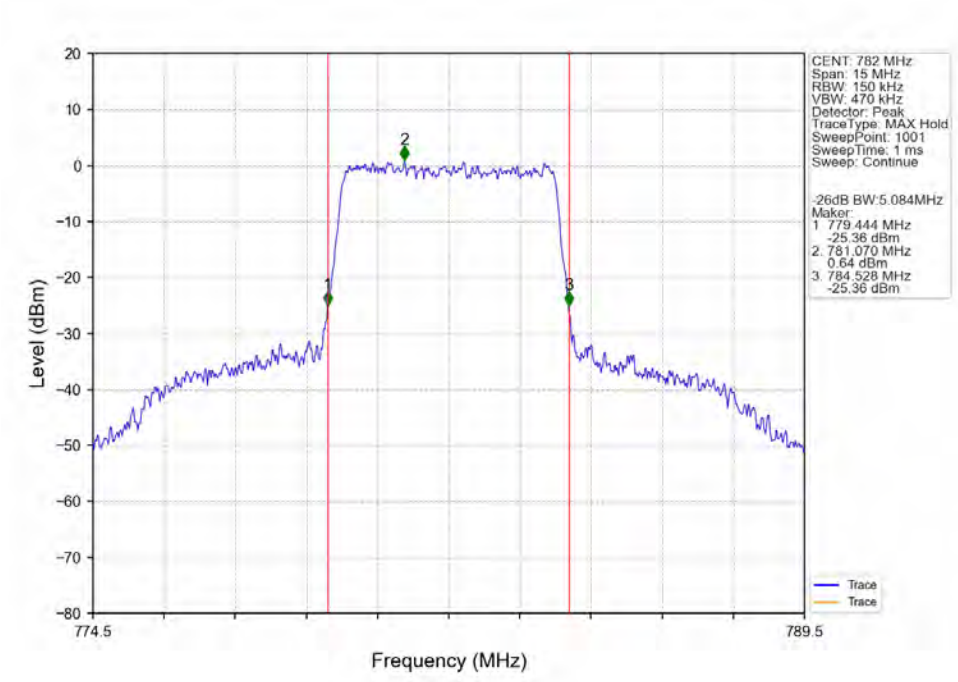
Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



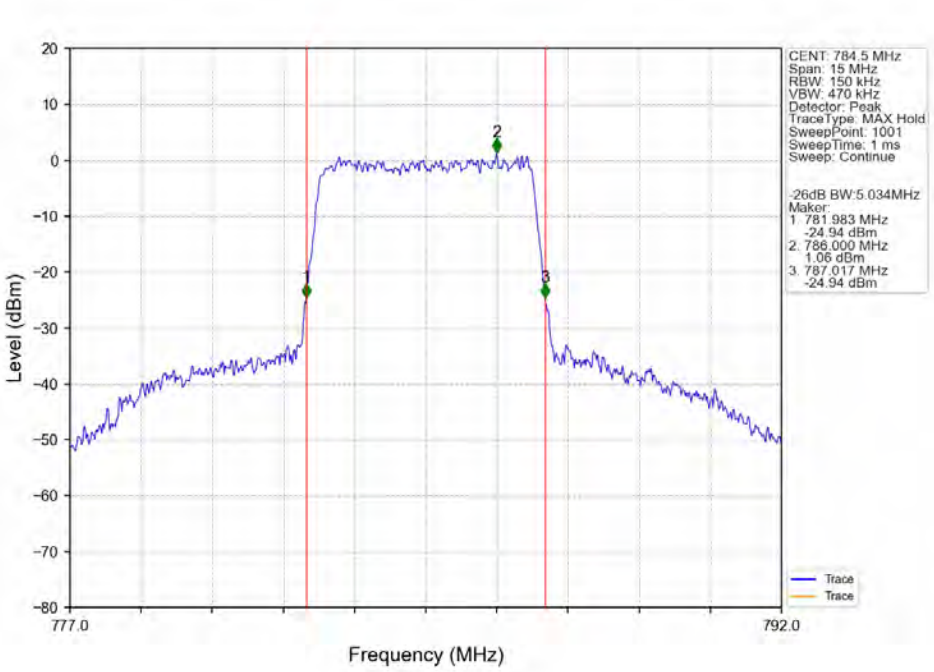
Band13_10MHz_256QAM_MCH_782MHz_RB_50_0_NTNV



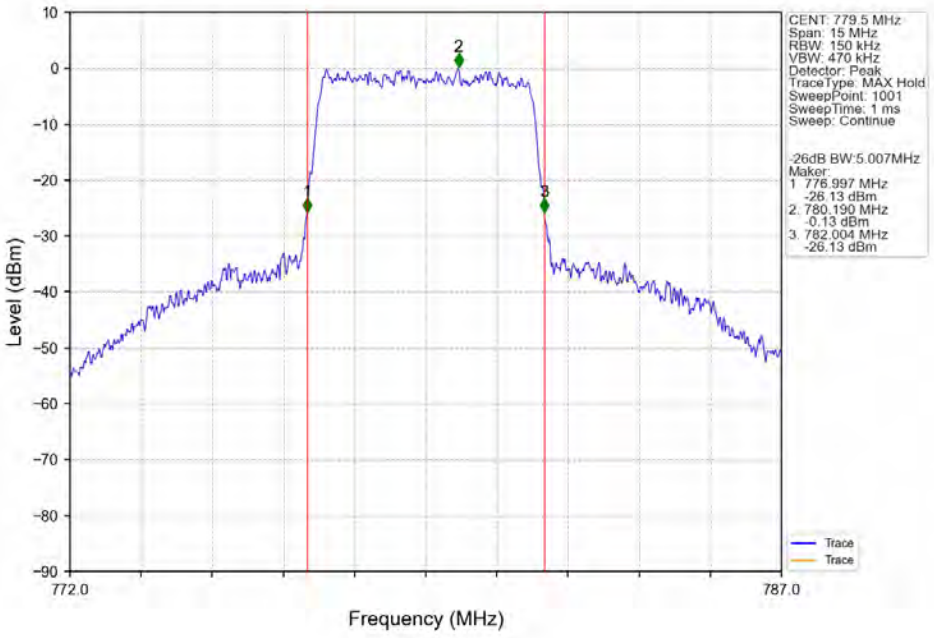
3.2.2 Band13_XDB

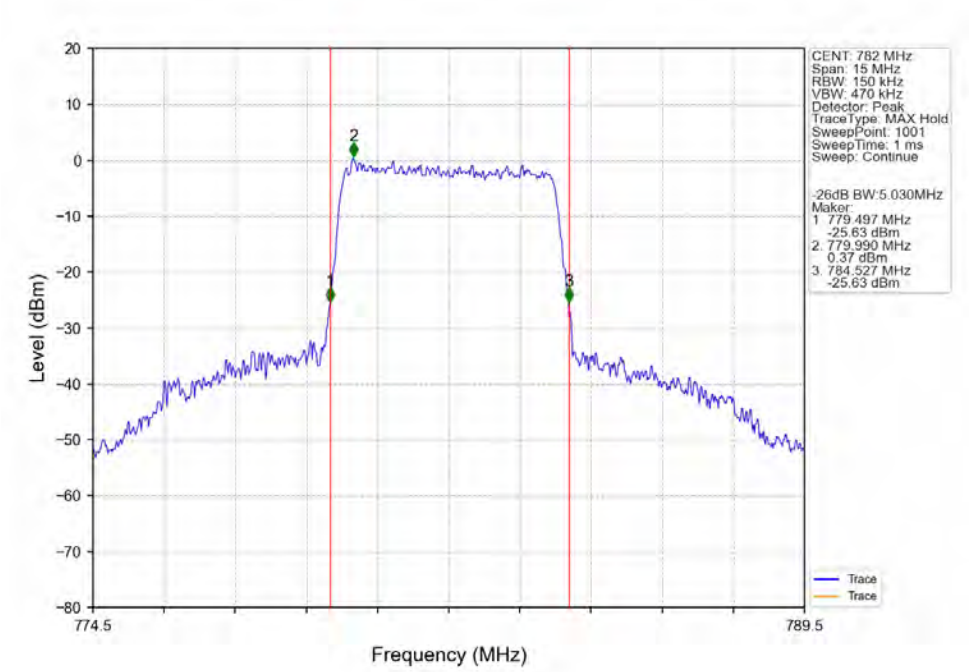
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV


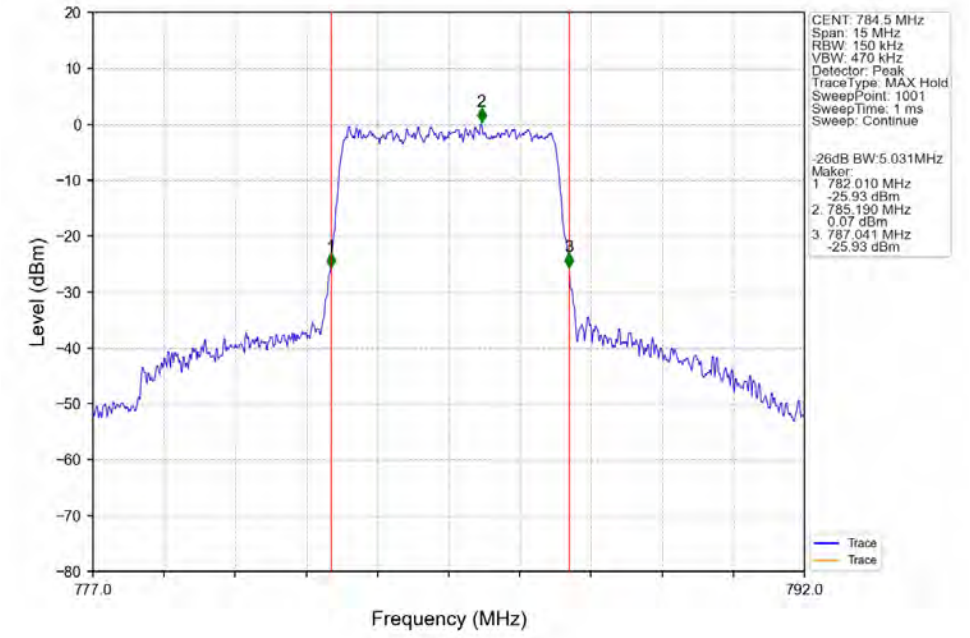
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



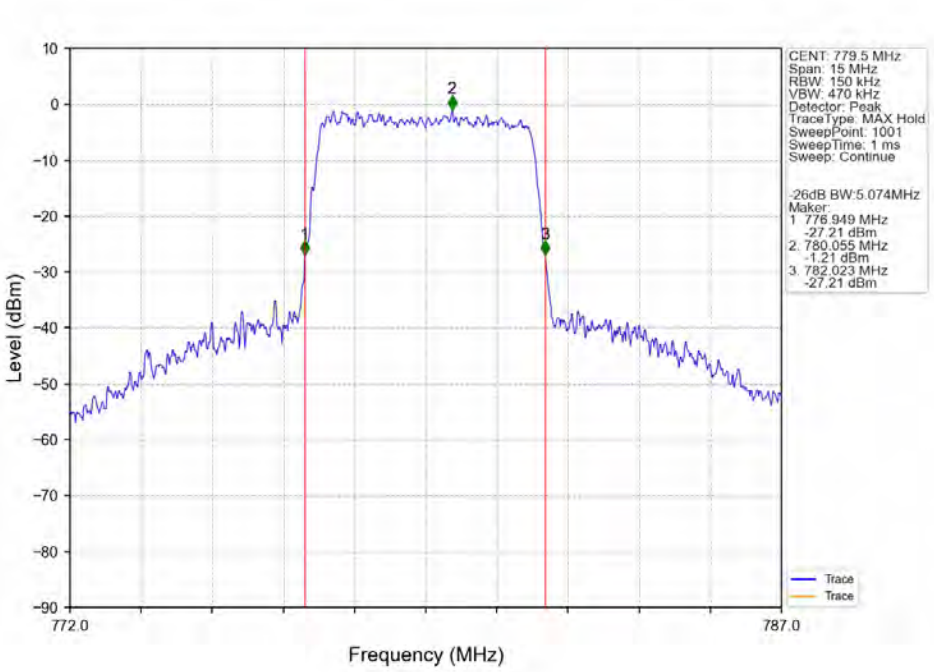
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



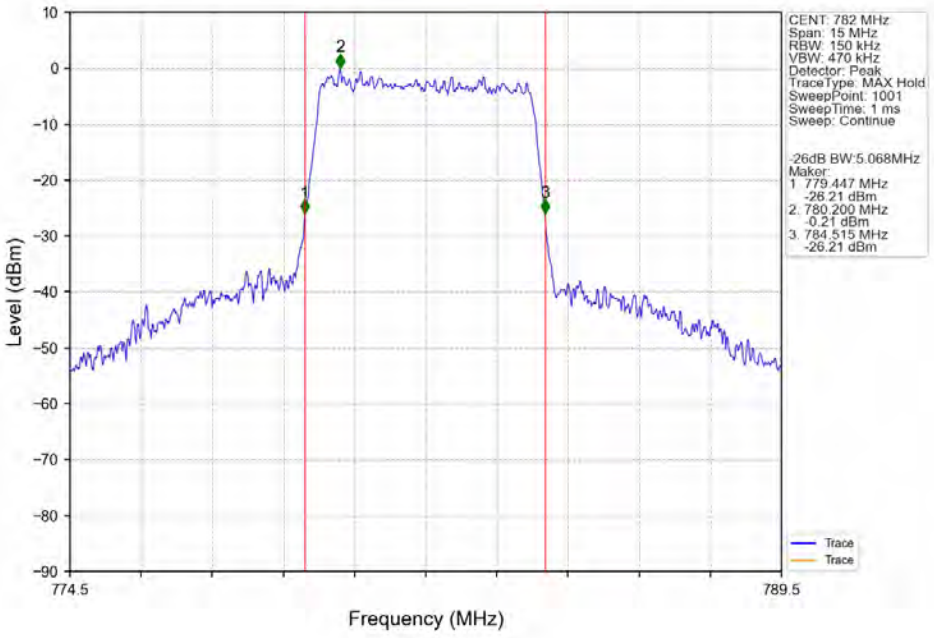
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV


Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV


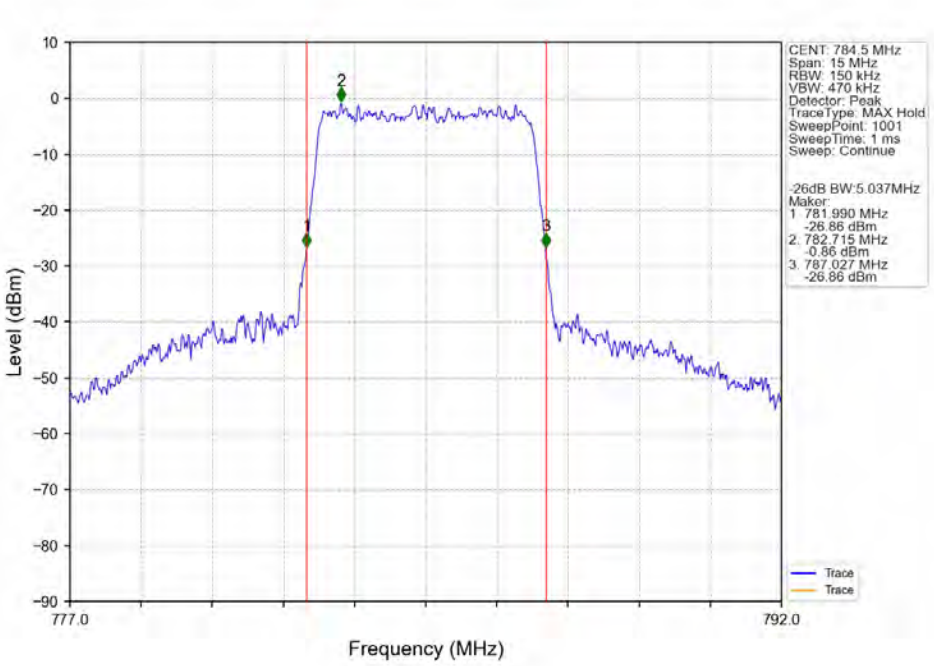
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



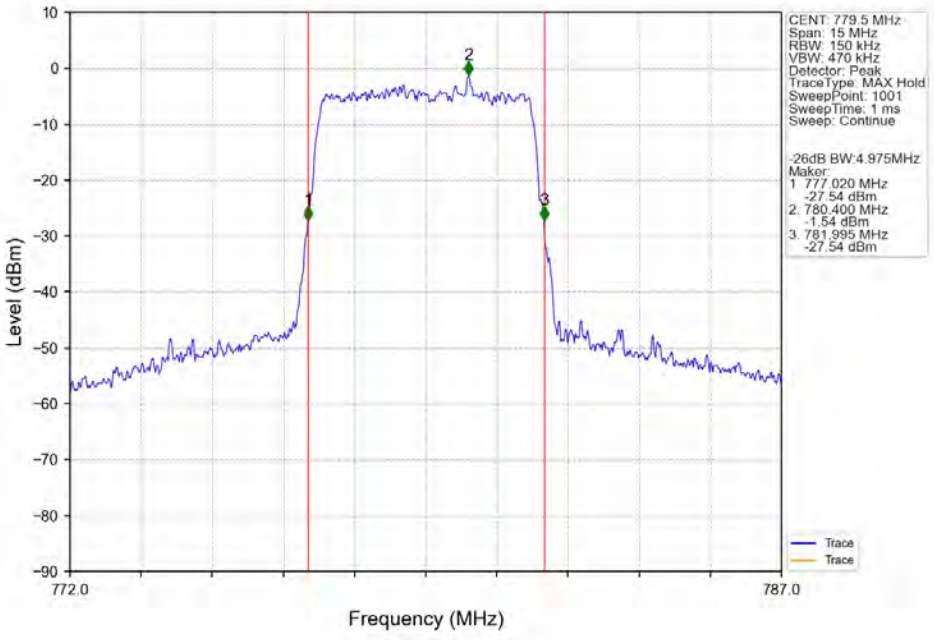
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



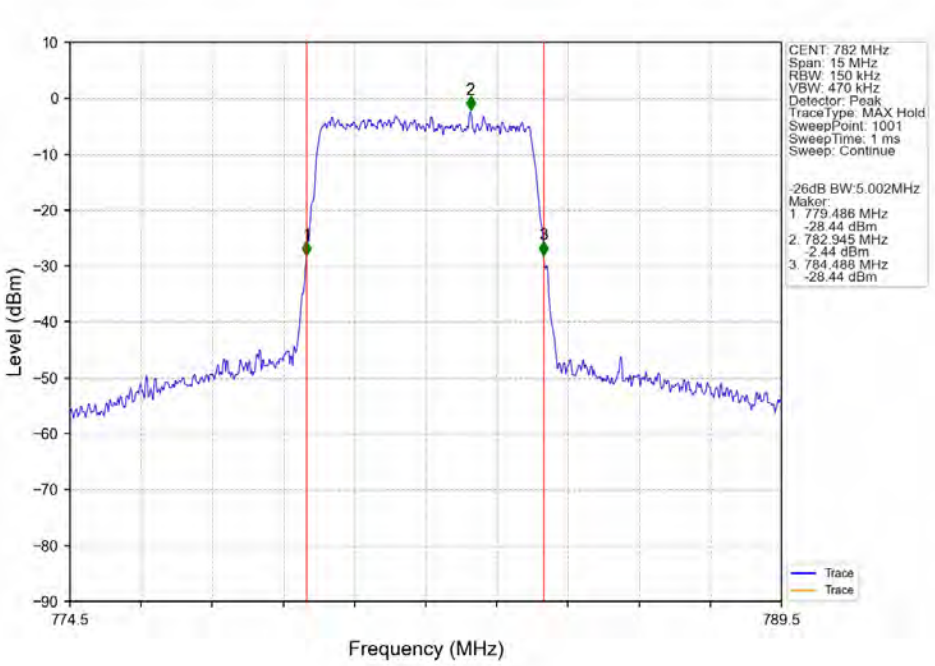
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



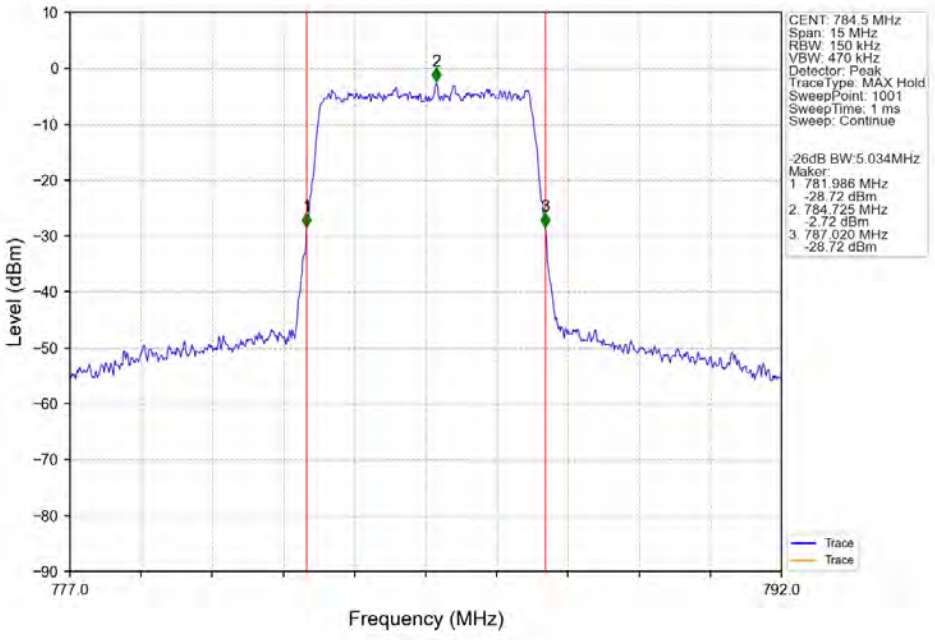
Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV

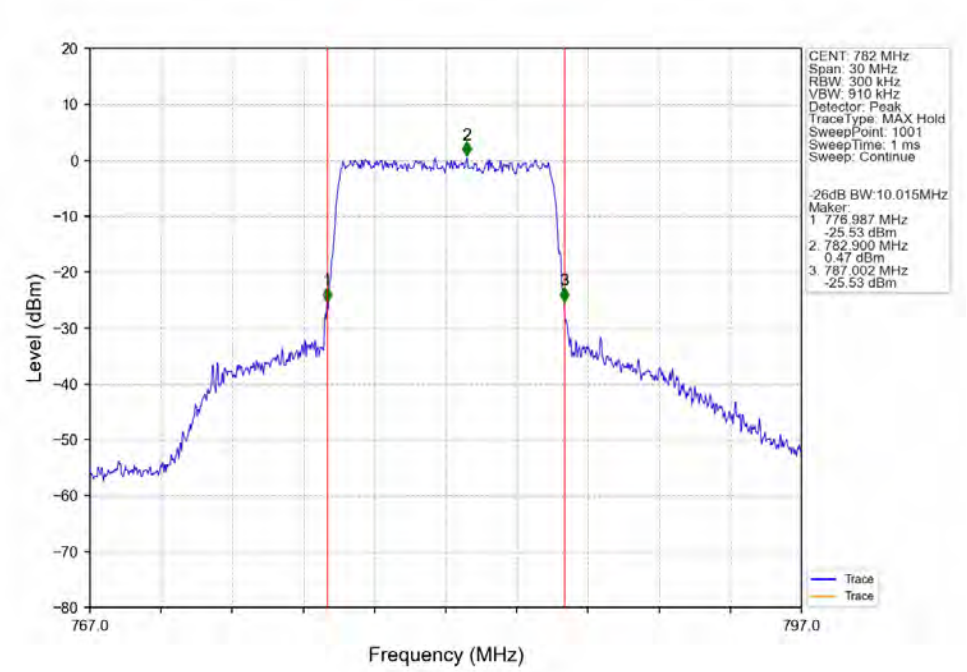
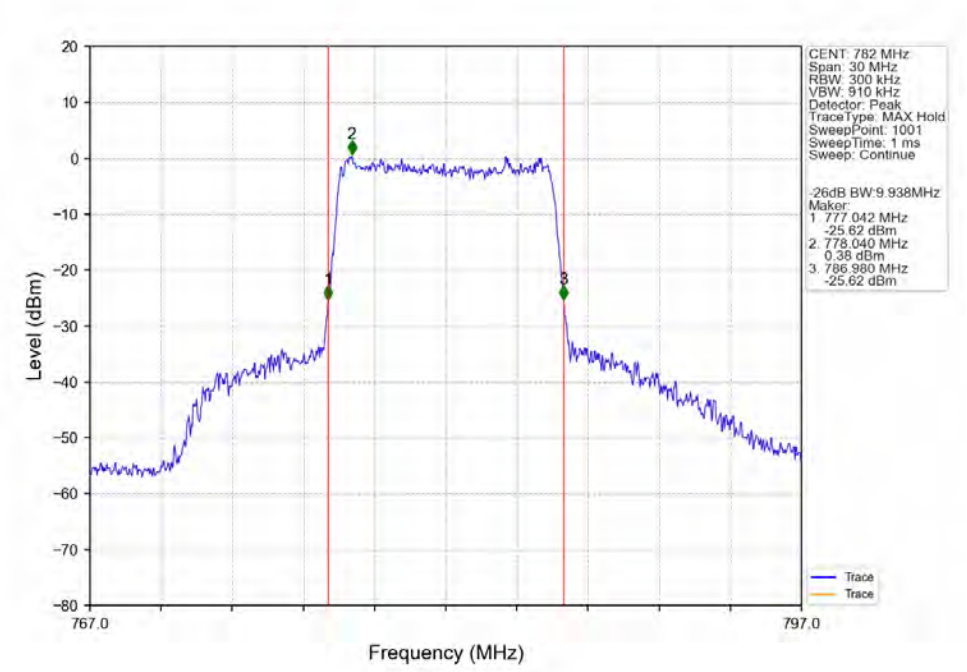


Band13_5MHz_256QAM_MCH_782MHz_RB_25_0_NTNV

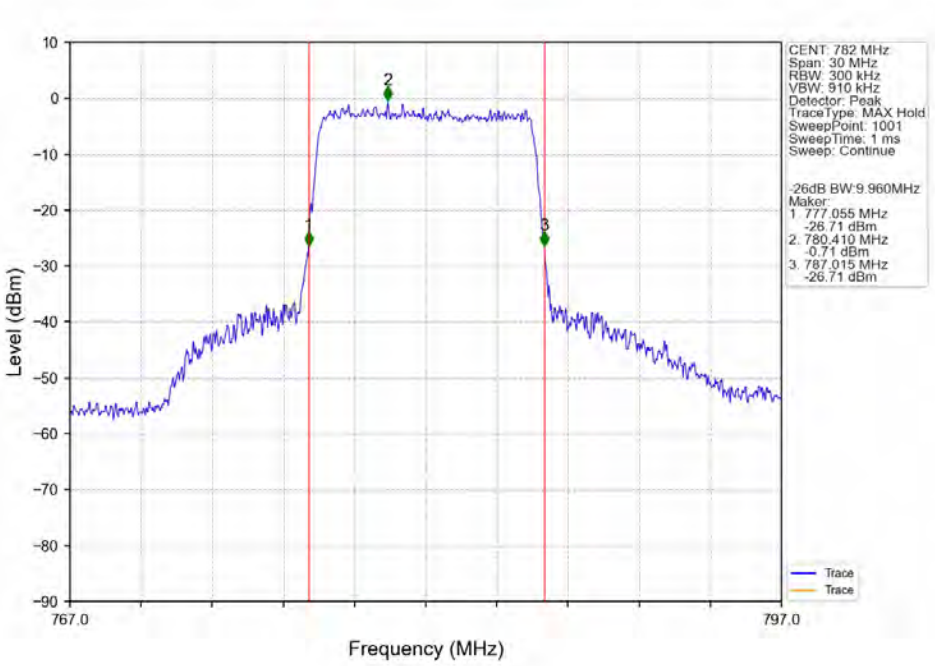


Band13_5MHz_256QAM_HCH_784.5MHz_RB_25_0_NTNV

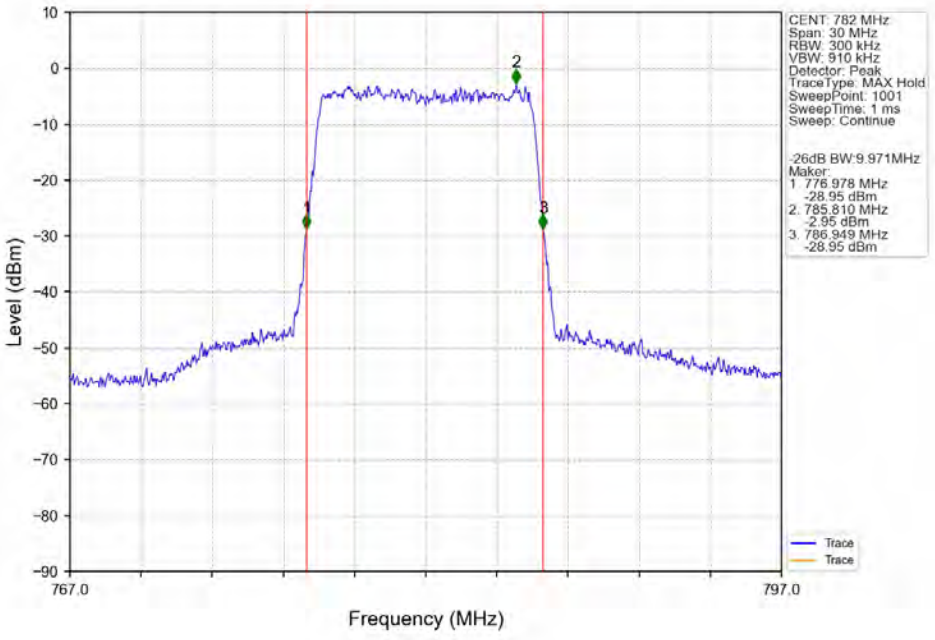


Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV

Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV


Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_256QAM_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	4.92	<=13	Pass
	782	25	0	5.18	<=13	Pass
	784.5	25	0	5.31	<=13	Pass
16QAM	779.5	25	0	5.61	<=13	Pass
	782	25	0	5.79	<=13	Pass
	784.5	25	0	5.93	<=13	Pass
64QAM	779.5	25	0	6.06	<=13	Pass
	782	25	0	6.20	<=13	Pass
	784.5	25	0	6.29	<=13	Pass
256QAM	779.5	25	0	6.42	<=13	Pass
	782	25	0	6.49	<=13	Pass
	784.5	25	0	6.54	<=13	Pass

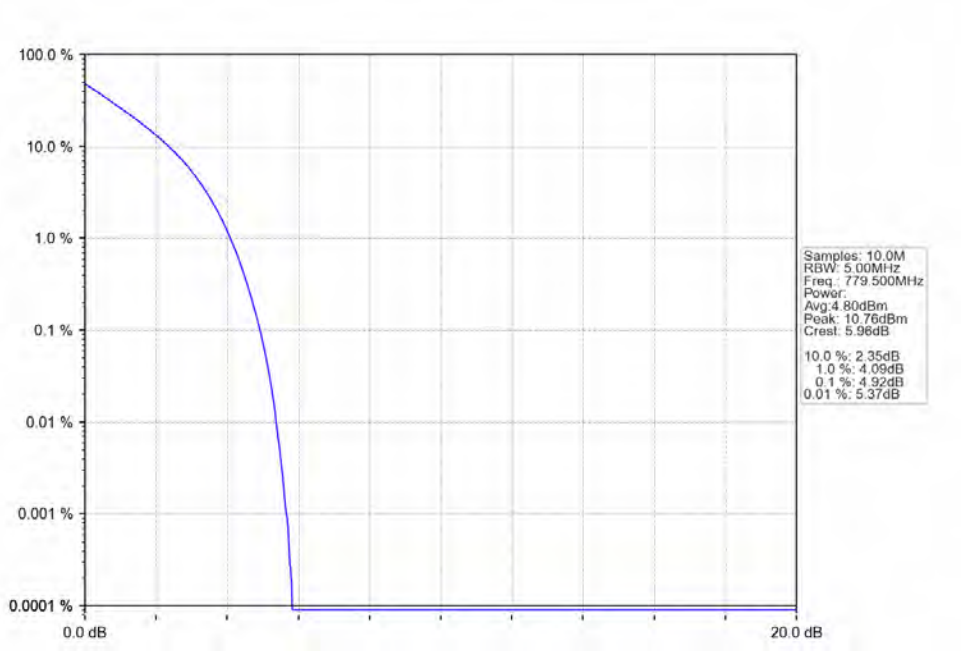
4.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.29	<=13	Pass
16QAM	782	50	0	5.88	<=13	Pass
64QAM	782	50	0	6.24	<=13	Pass
256QAM	782	50	0	6.52	<=13	Pass

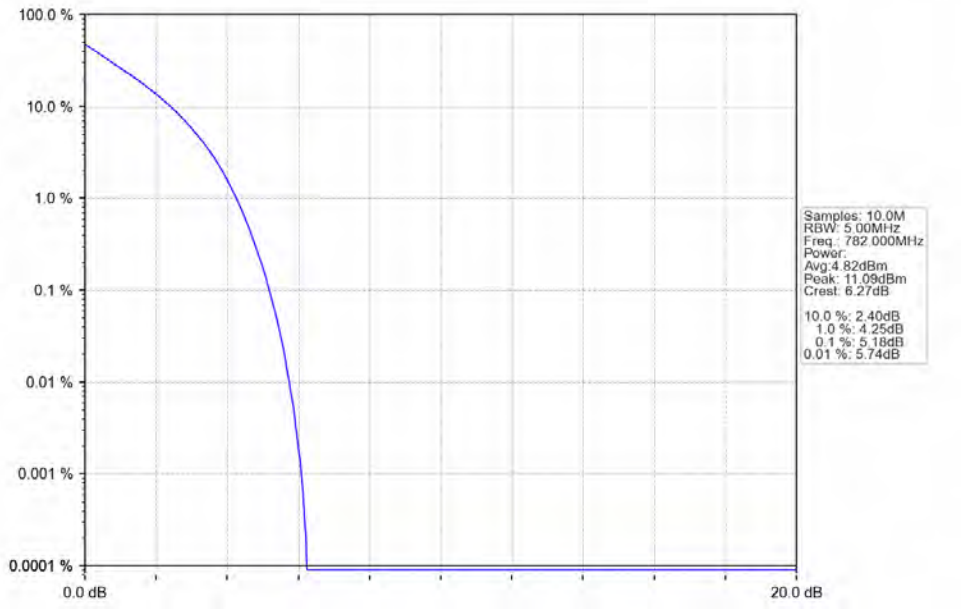
4.2 Test Graph

4.2.1 B13_5MHz

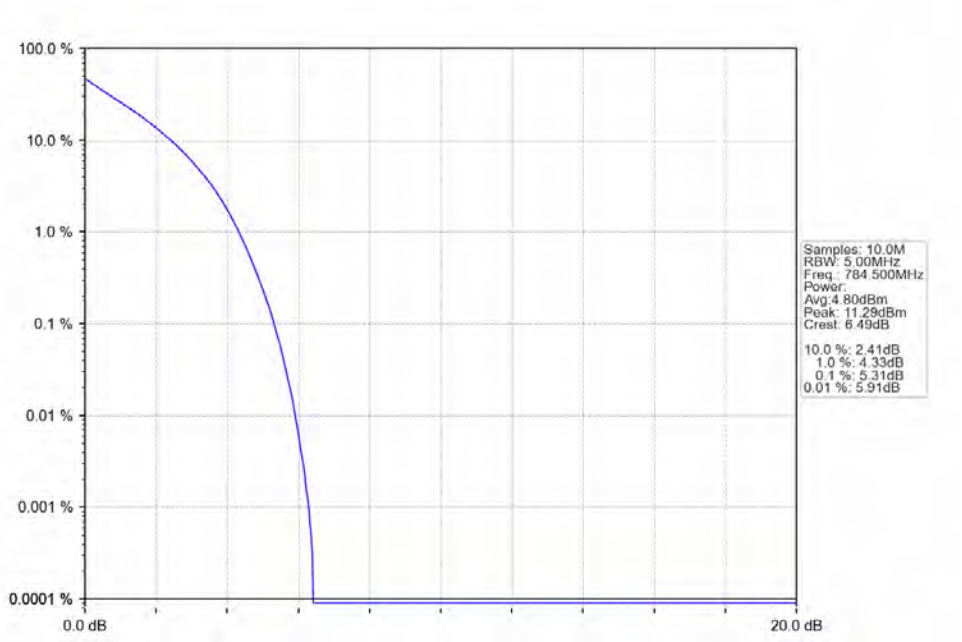
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



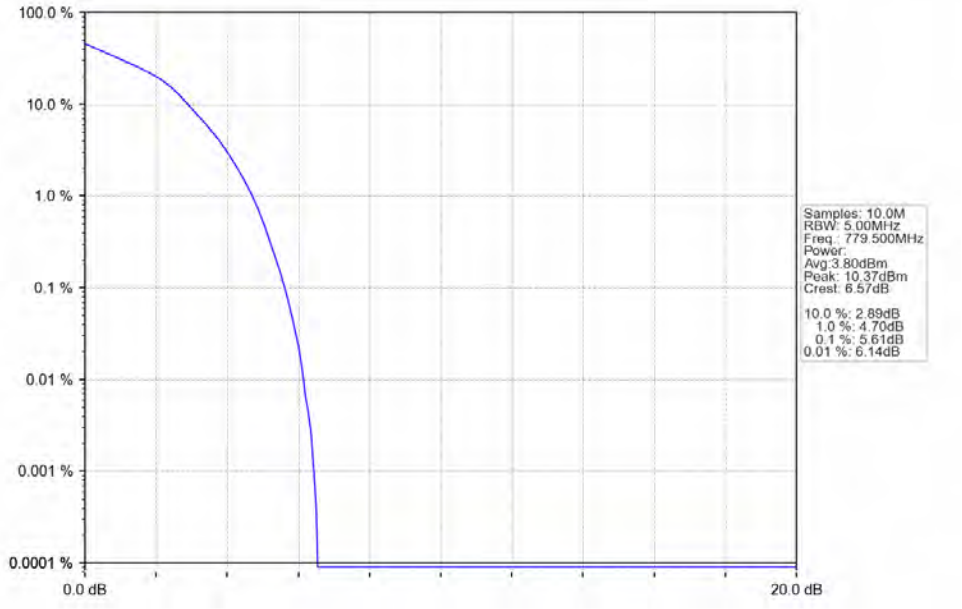
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



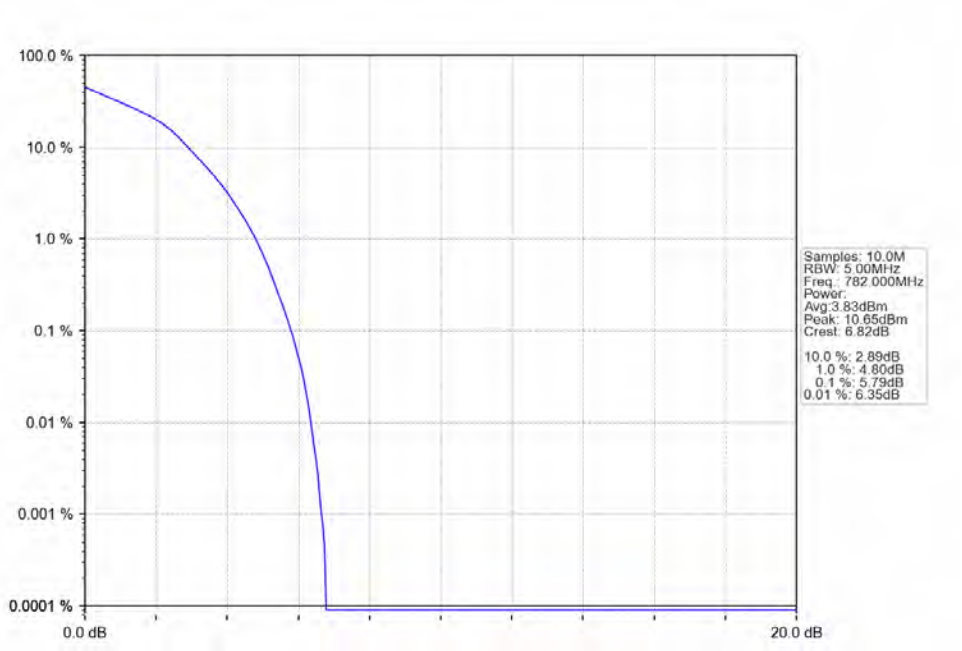
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



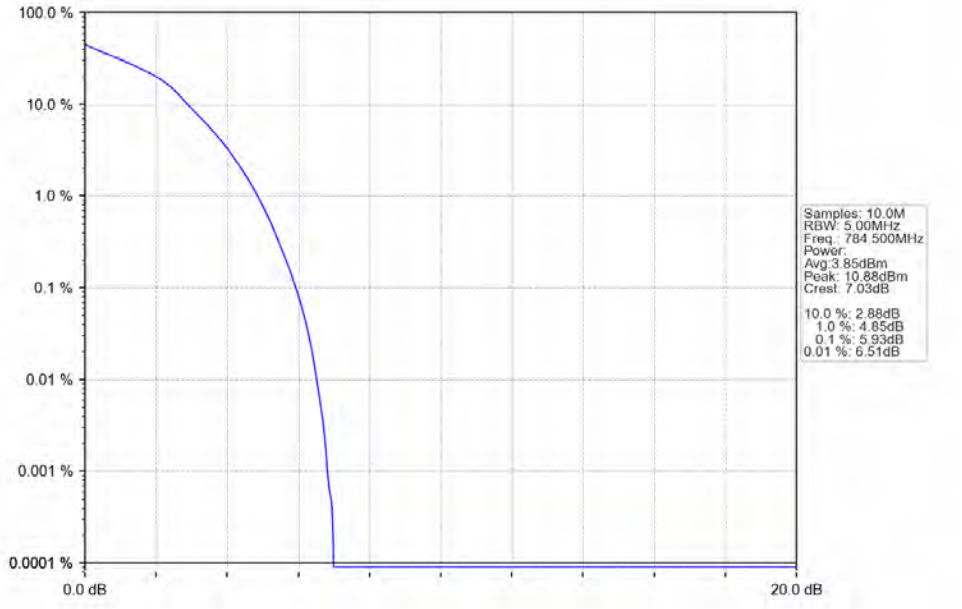
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



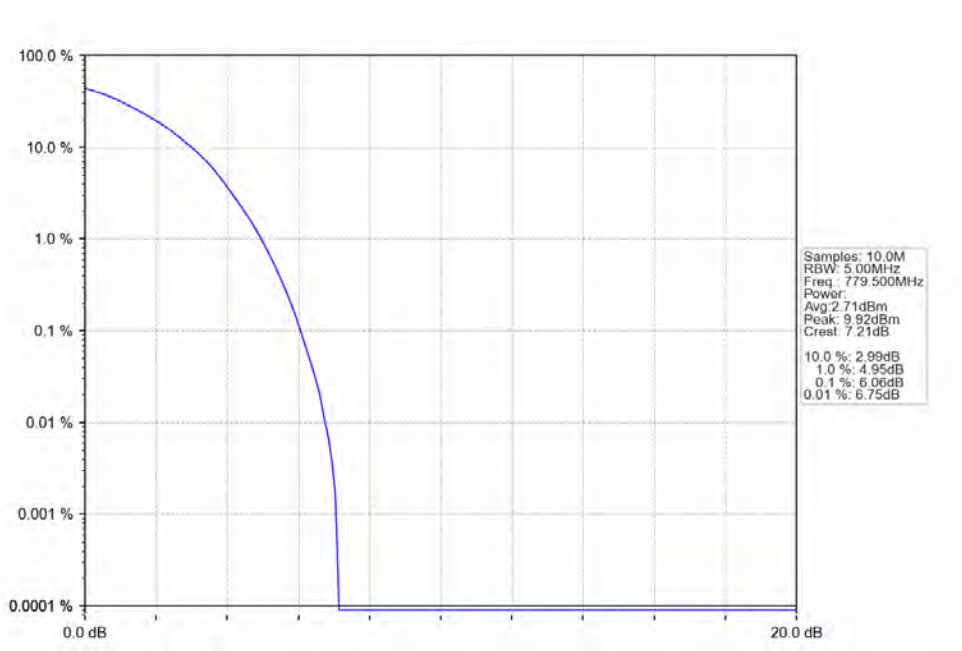
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



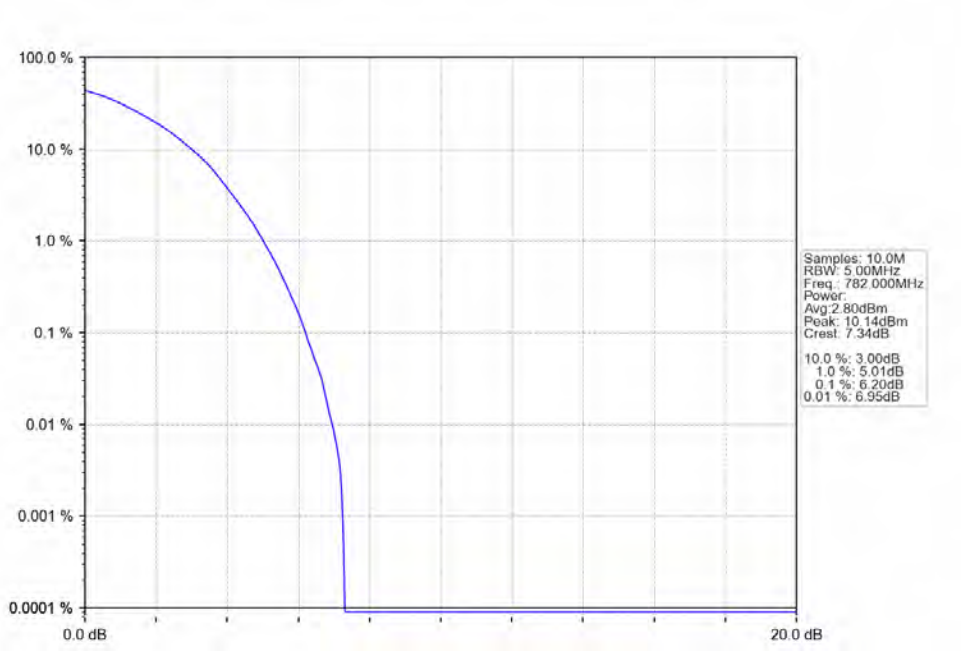
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



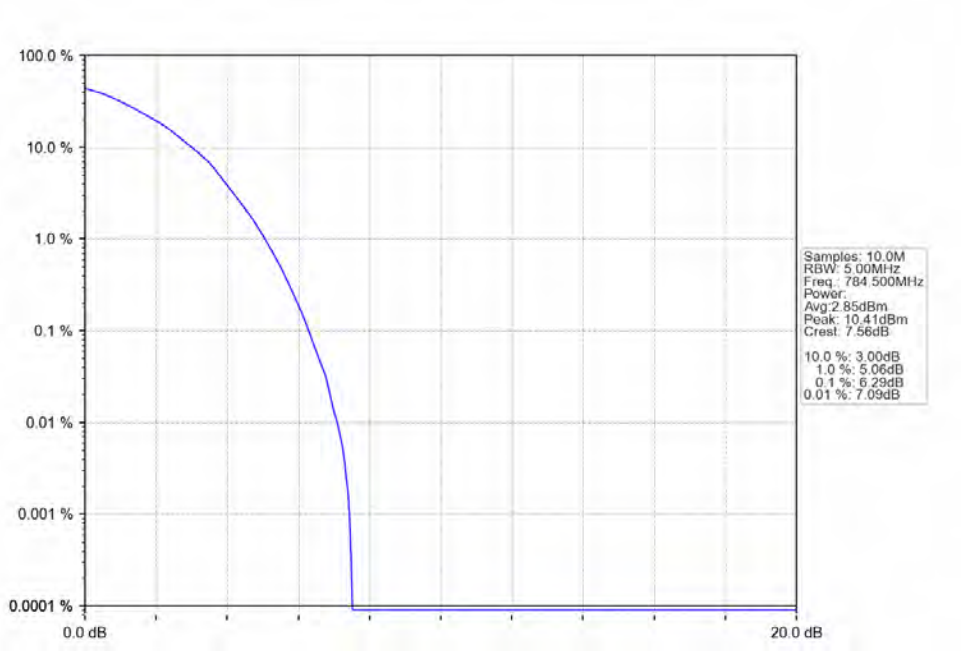
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



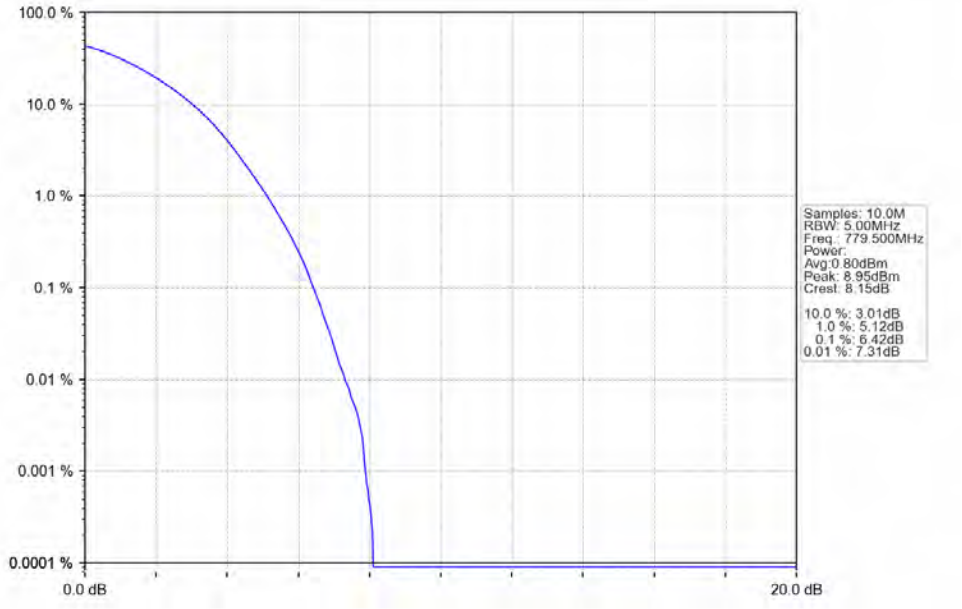
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



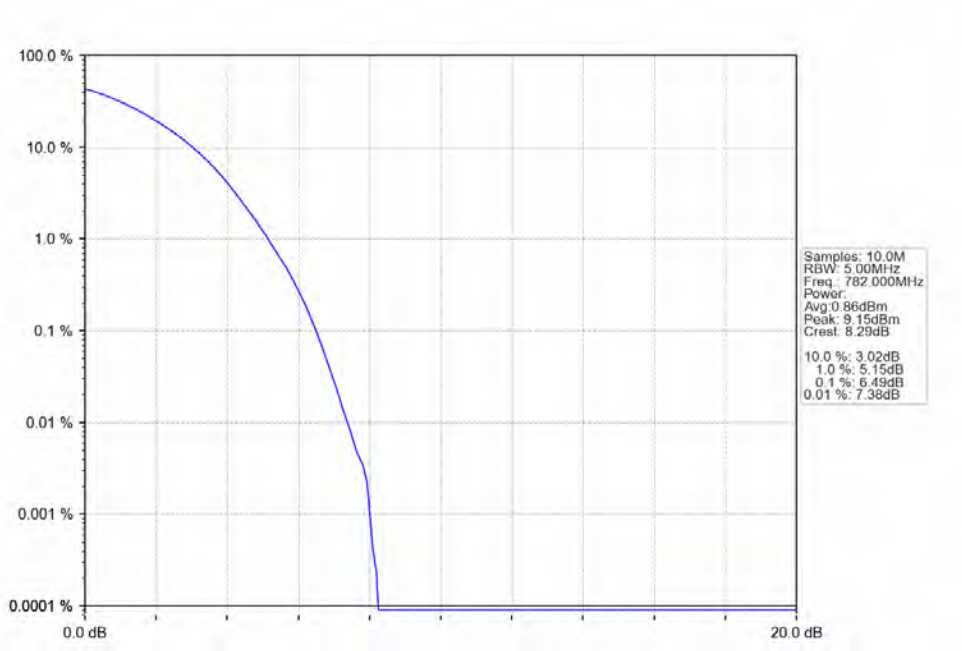
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



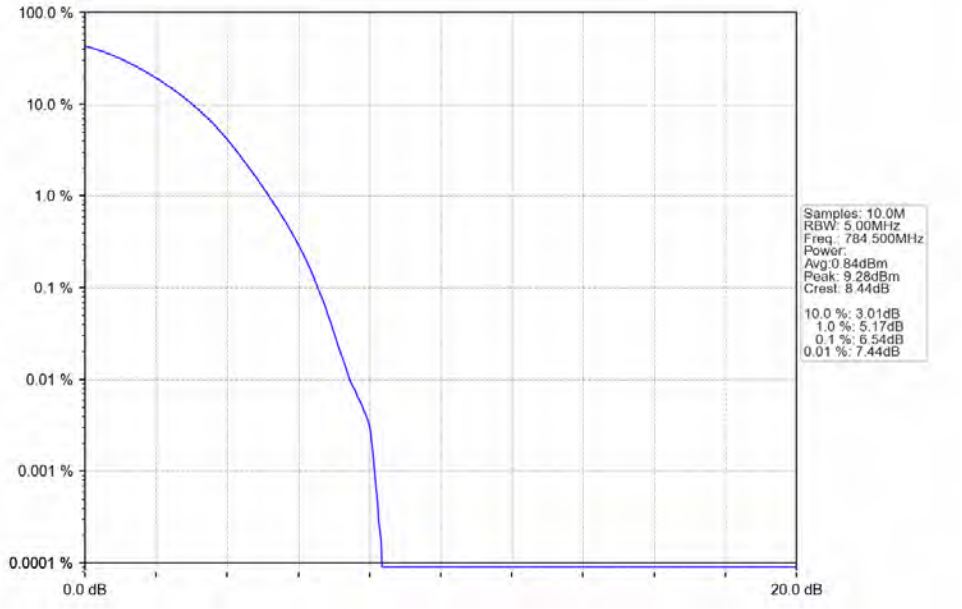
Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV



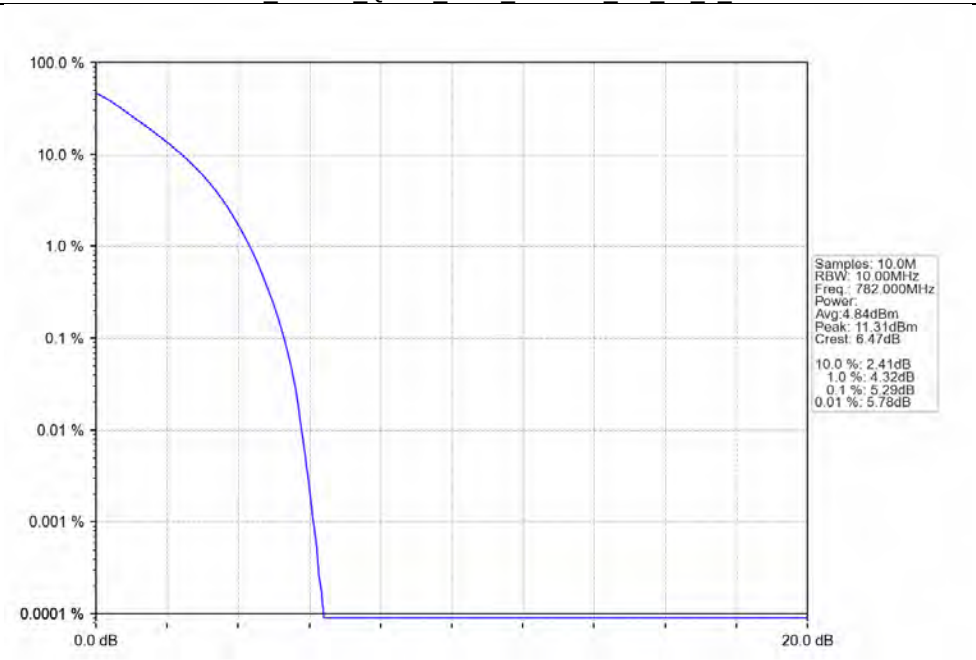
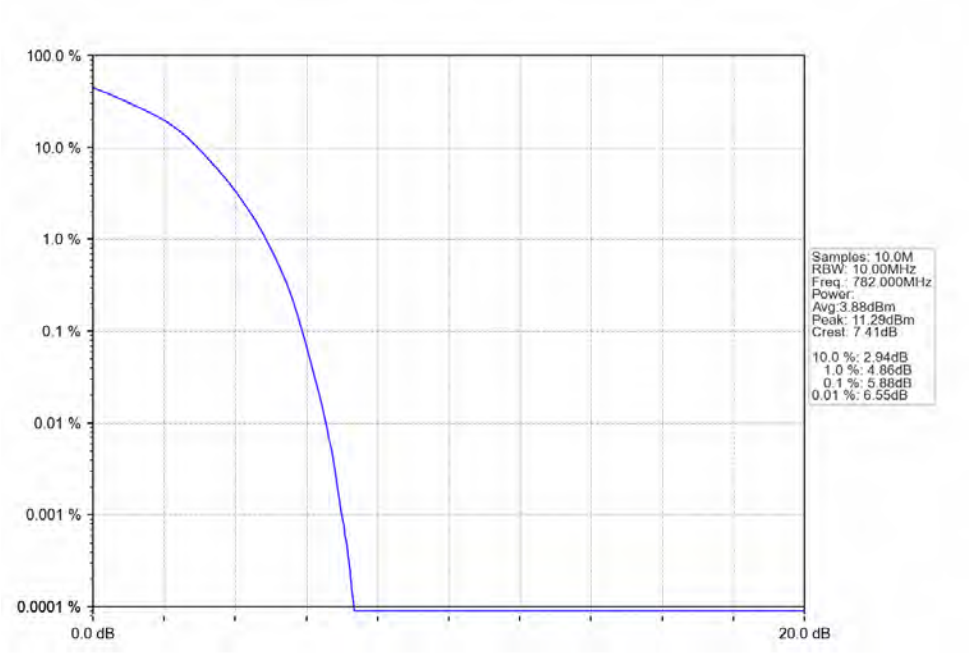
Band13_5MHz_256QAM_MCH_782MHz_RB_25_0_NTNV



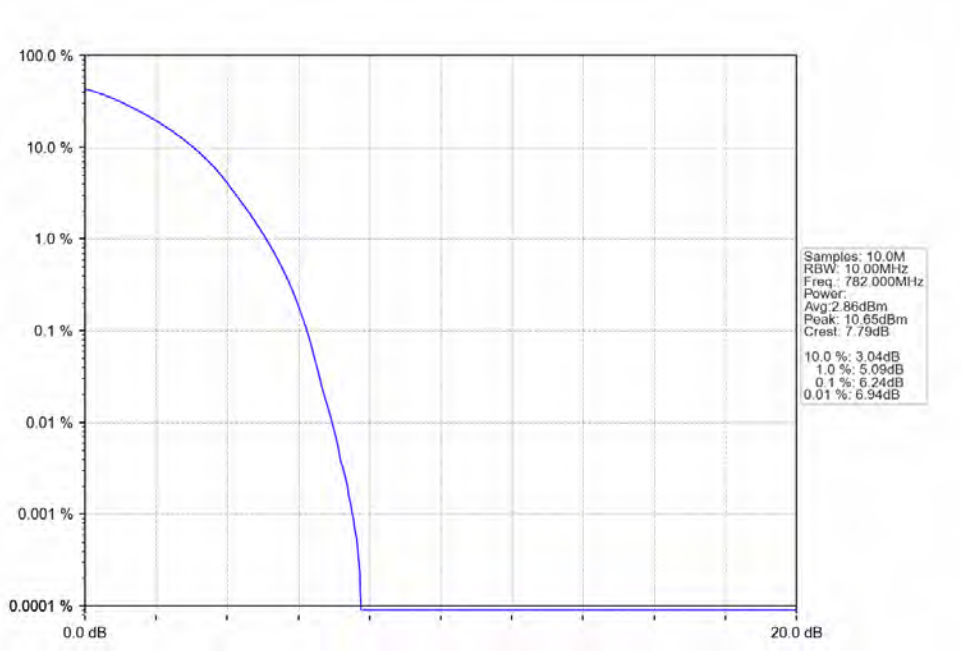
Band13_5MHz_256QAM_HCH_784.5MHz_RB_25_0_NTNV



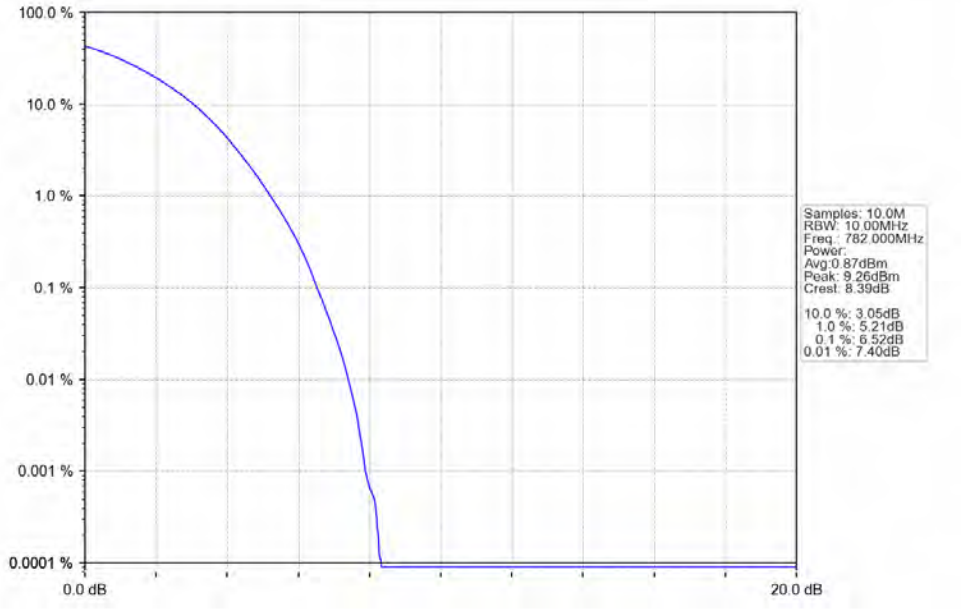
4.2.2 B13_10MHz

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



Band13_10MHz_256QAM_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
256QAM	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

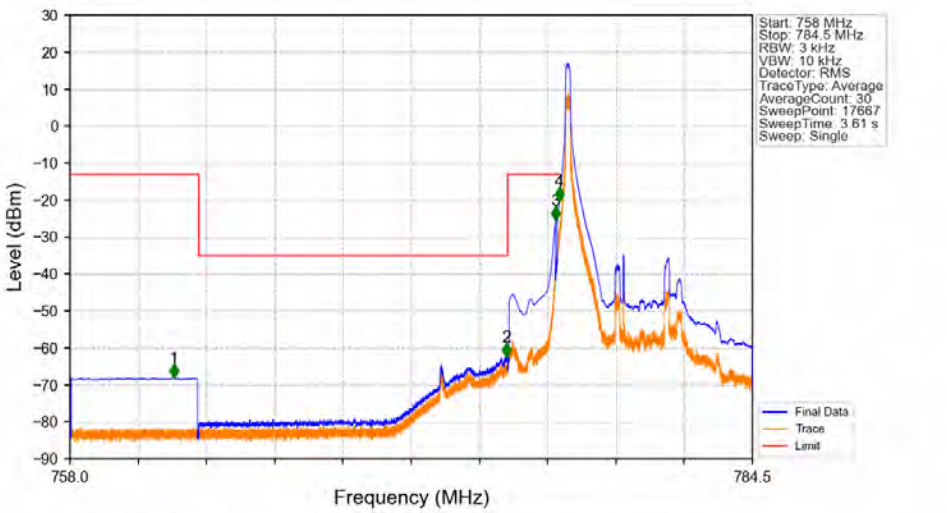
5.1.2 B13_10MHz

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
256QAM	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

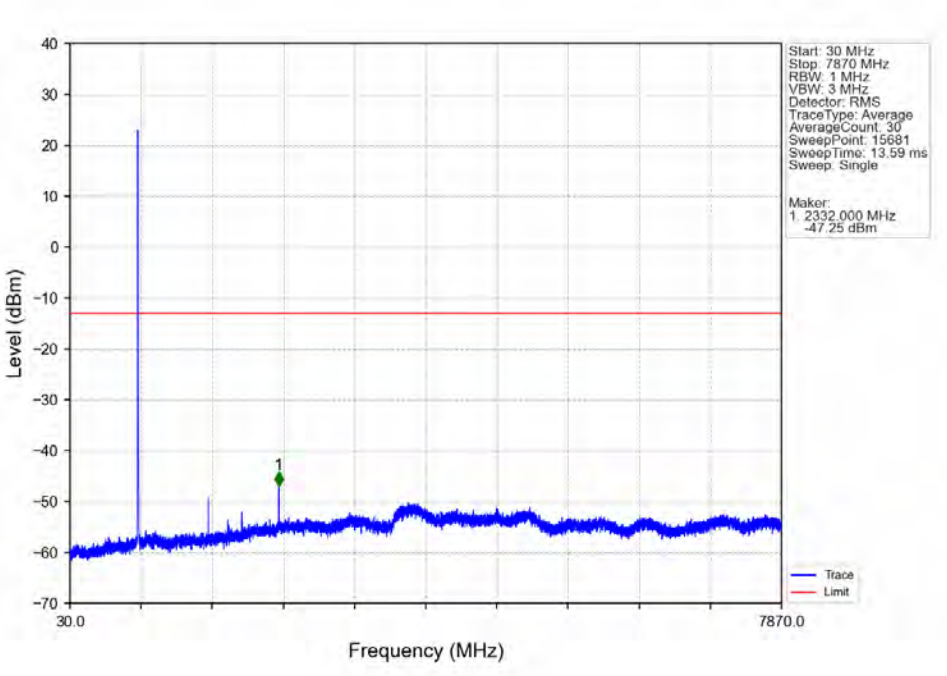
5.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

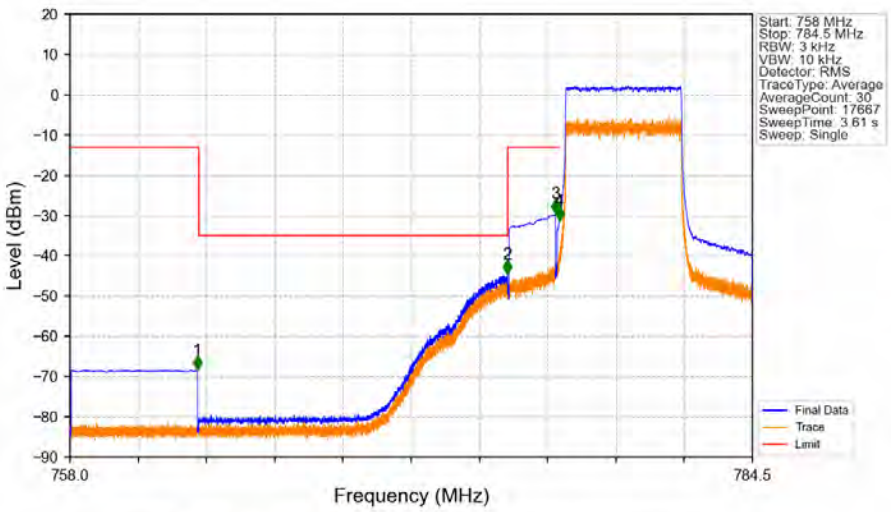


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.043	-68.07	-13	Pass
763	775	0.00625	CHP	2	774.960	-62.46	-35	Pass
775	776.9	0.1	CHP	3	776.850	-25.54	-13	Pass
776.9	777	0.03	CHP	4	777.000	-20.28	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

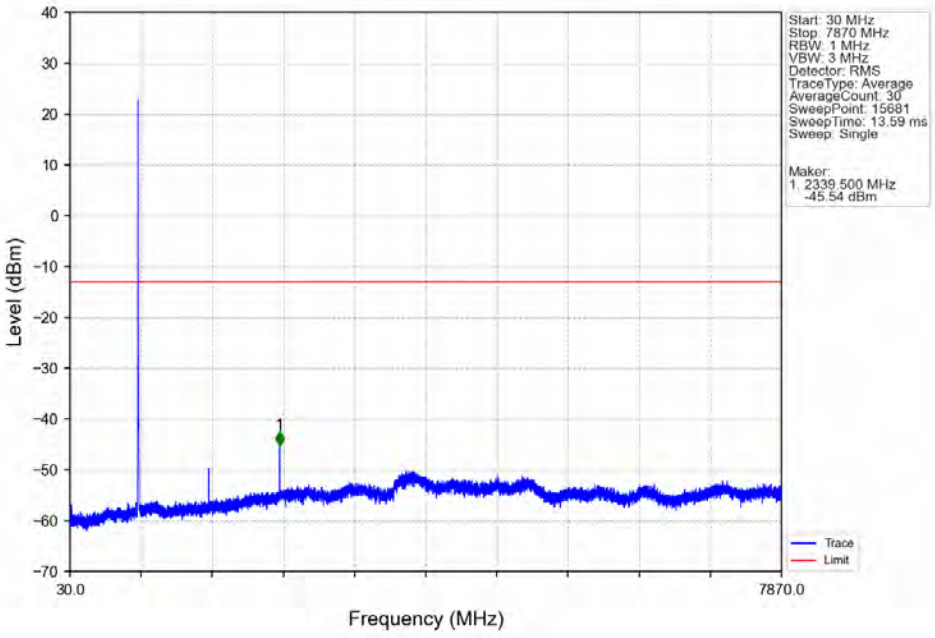


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

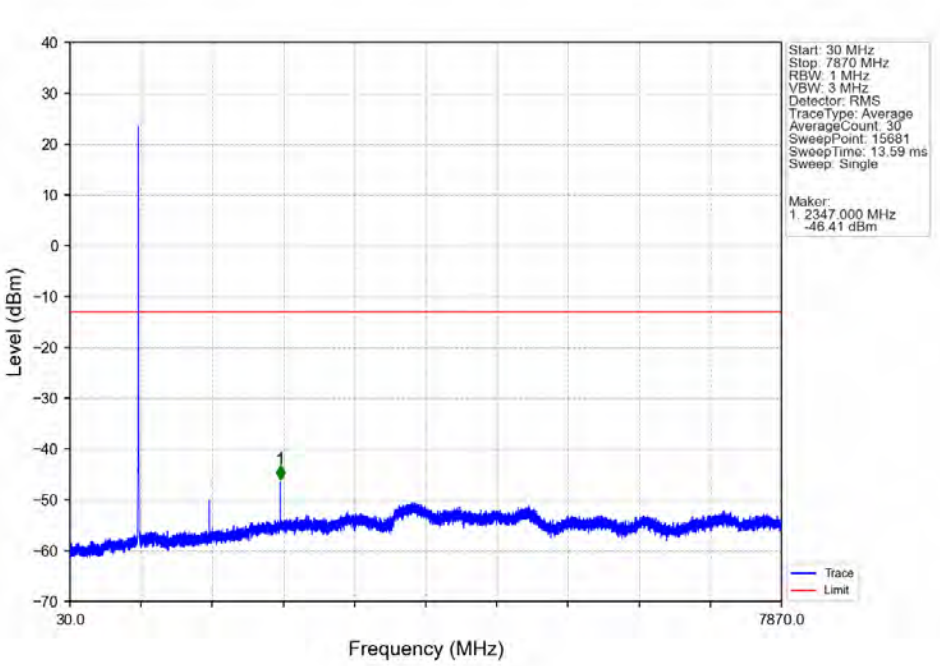


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.934	-68.37	-13	Pass
763	775	0.00625	CHP	2	774.993	-44.53	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.42	-13	Pass
776.9	777	0.03	CHP	4	776.998	-31.25	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

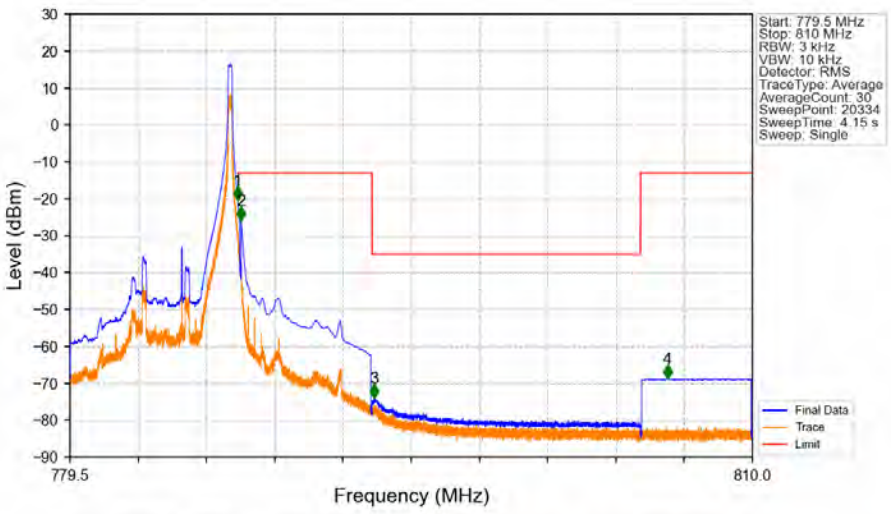
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

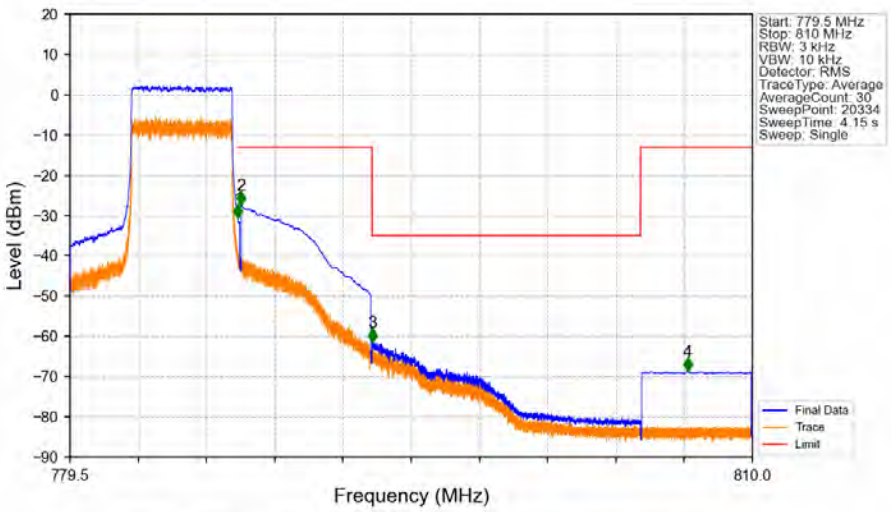


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



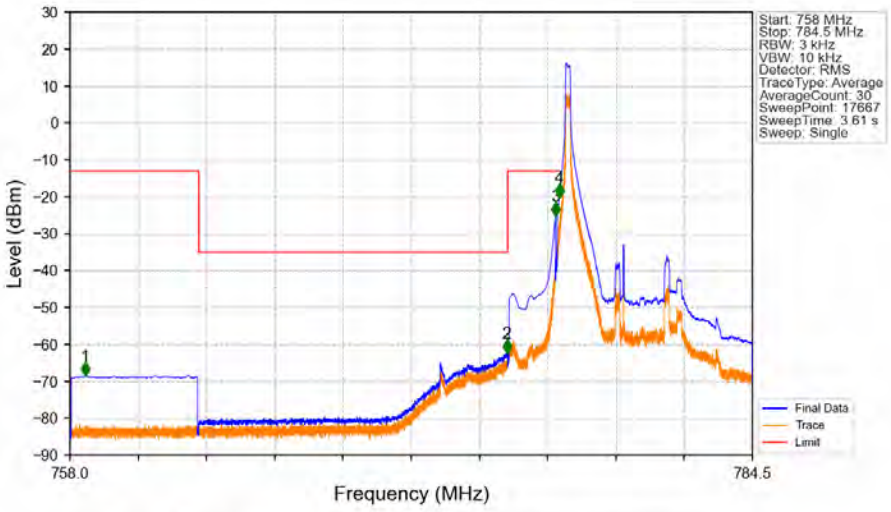
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-20.52	-13	Pass
787.1	793	0.1	CHP	2	787.150	-25.82	-13	Pass
793	805	0.00625	CHP	3	793.086	-74.08	-35	Pass
805	810	0.1	CHP	4	806.197	-68.63	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



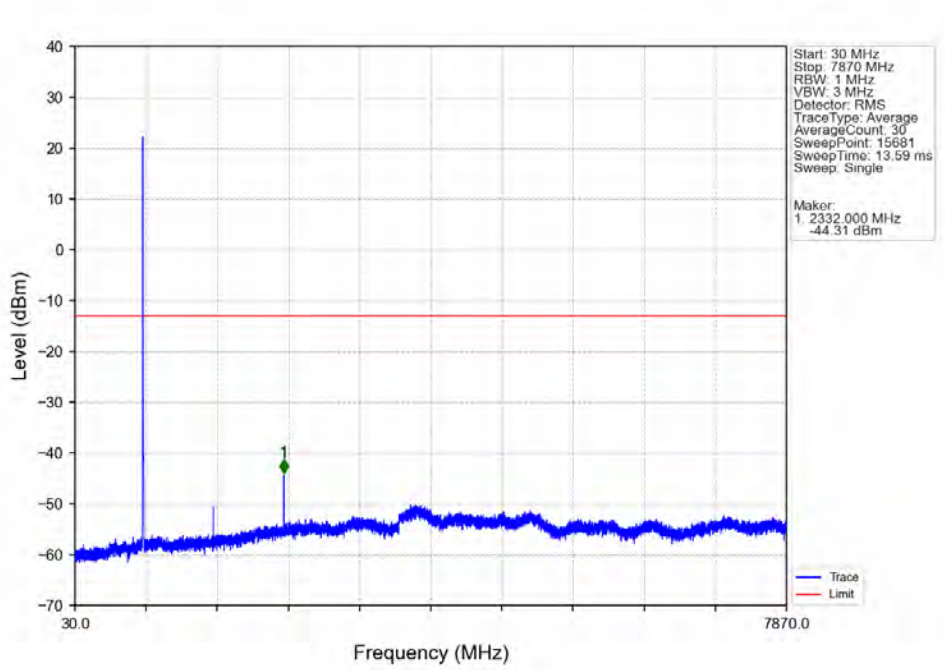
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.003	-30.60	-13	Pass
787.1	793	0.1	CHP	2	787.150	-27.43	-13	Pass
793	805	0.00625	CHP	3	793.026	-61.45	-35	Pass
805	810	0.1	CHP	4	807.103	-68.73	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

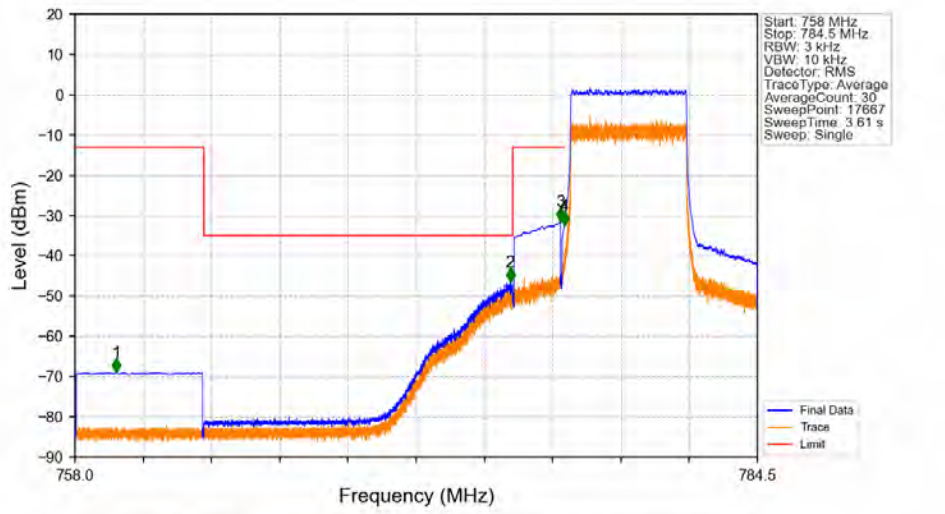


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.593	-68.46	-13	Pass
763	775	0.00625	CHP	2	774.963	-62.35	-35	Pass
775	776.9	0.1	CHP	3	776.850	-25.31	-13	Pass
776.9	777	0.03	CHP	4	777.000	-20.19	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

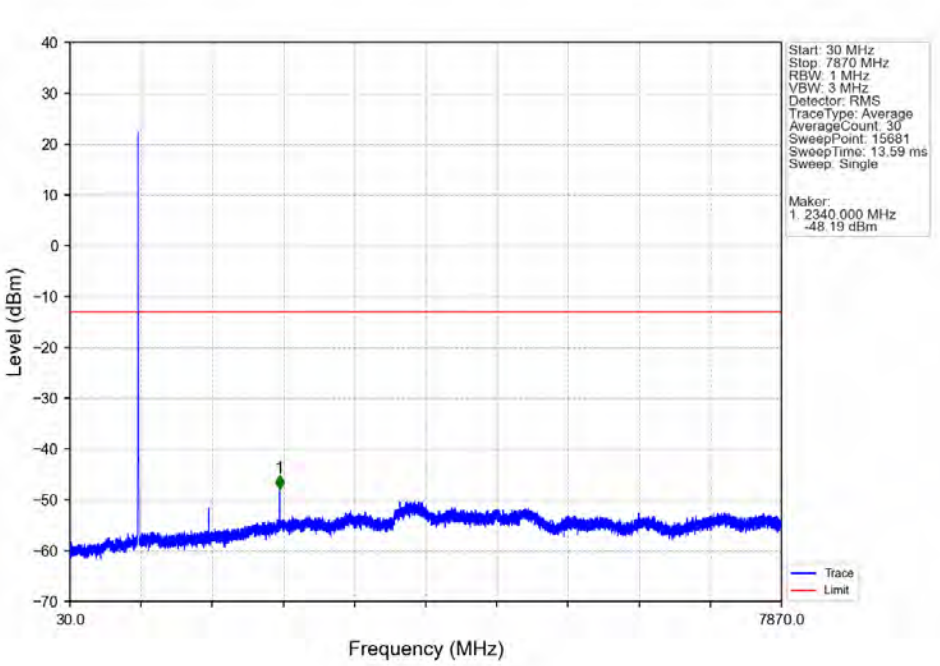


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

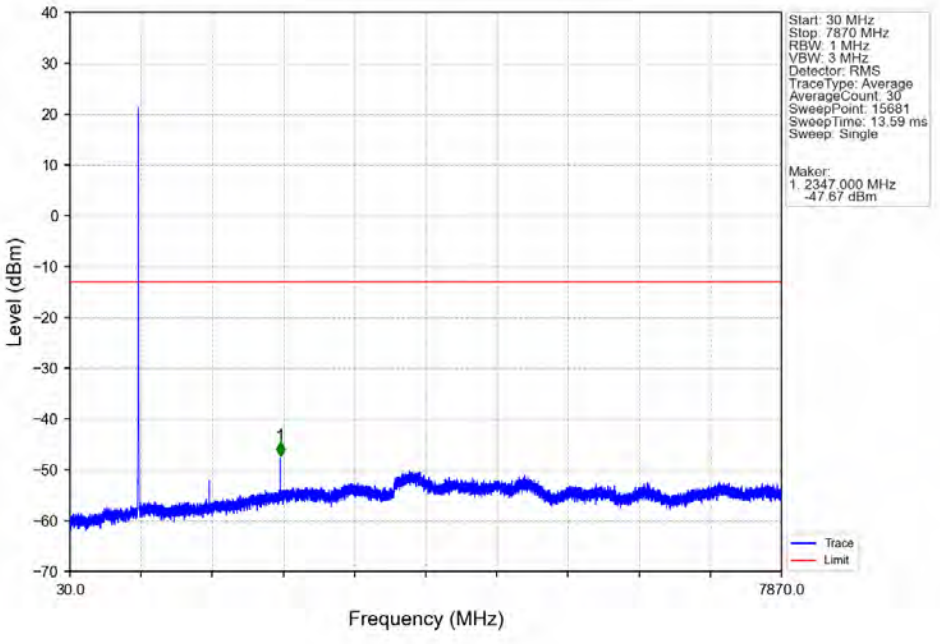


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.608	-68.95	-13	Pass
763	775	0.00625	CHP	2	774.901	-46.51	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.49	-13	Pass
776.9	777	0.03	CHP	4	777.000	-32.44	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

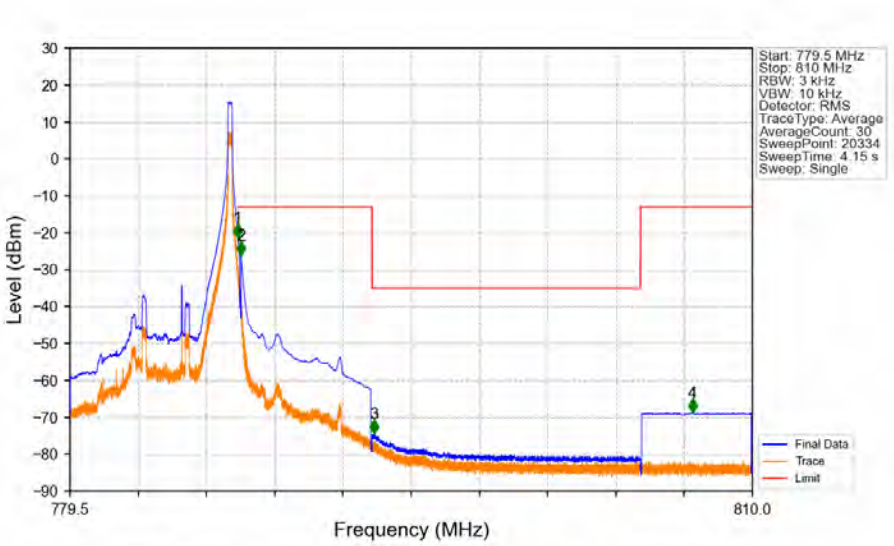
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

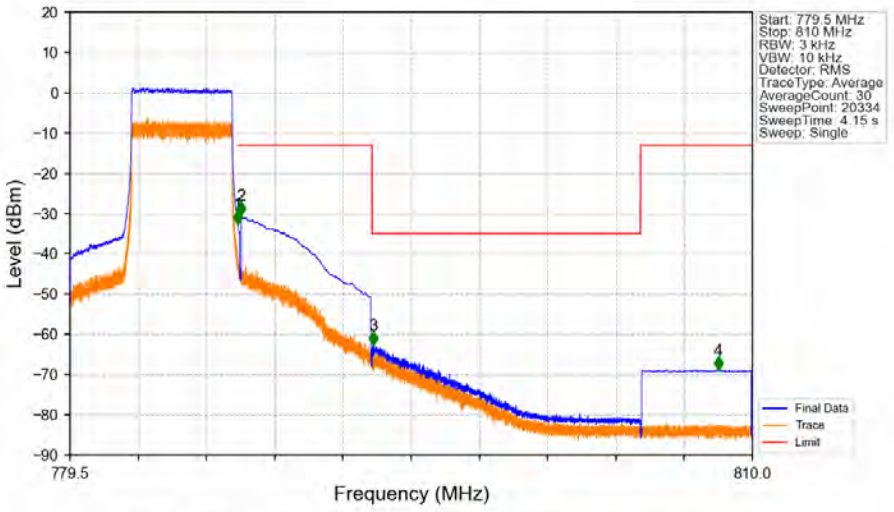


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



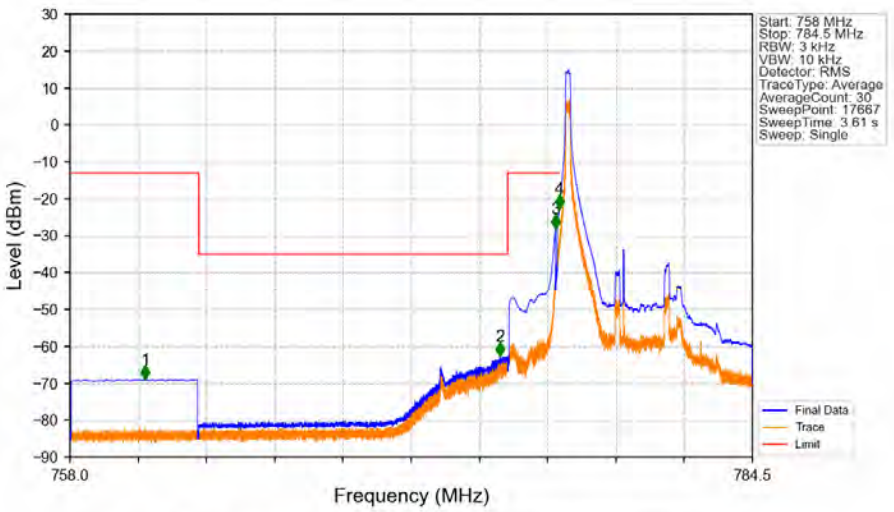
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-21.37	-13	Pass
787.1	793	0.1	CHP	2	787.150	-26.08	-13	Pass
793	805	0.00625	CHP	3	793.102	-74.48	-35	Pass
805	810	0.1	CHP	4	807.321	-68.78	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



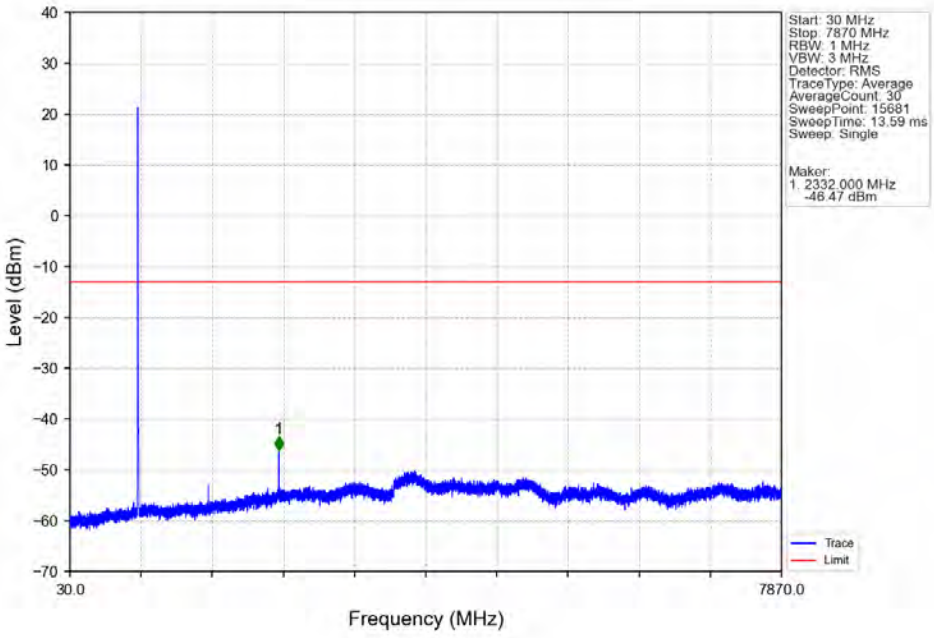
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-32.60	-13	Pass
787.1	793	0.1	CHP	2	787.150	-30.50	-13	Pass
793	805	0.00625	CHP	3	793.072	-62.69	-35	Pass
805	810	0.1	CHP	4	808.471	-68.86	-13	Pass

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

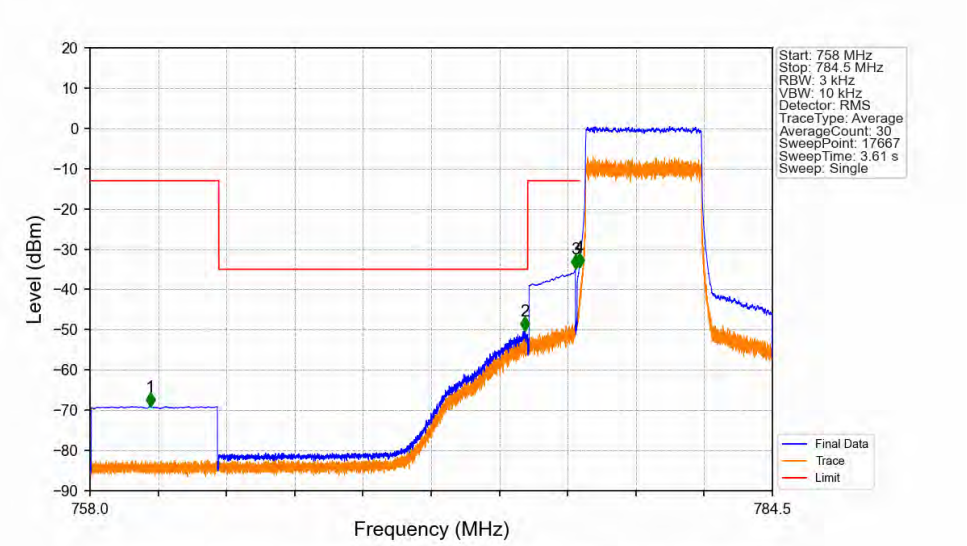


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.918	-68.97	-13	Pass
763	775	0.00625	CHP	2	774.696	-62.51	-35	Pass
775	776.9	0.1	CHP	3	776.850	-28.00	-13	Pass
776.9	777	0.03	CHP	4	777.000	-22.64	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

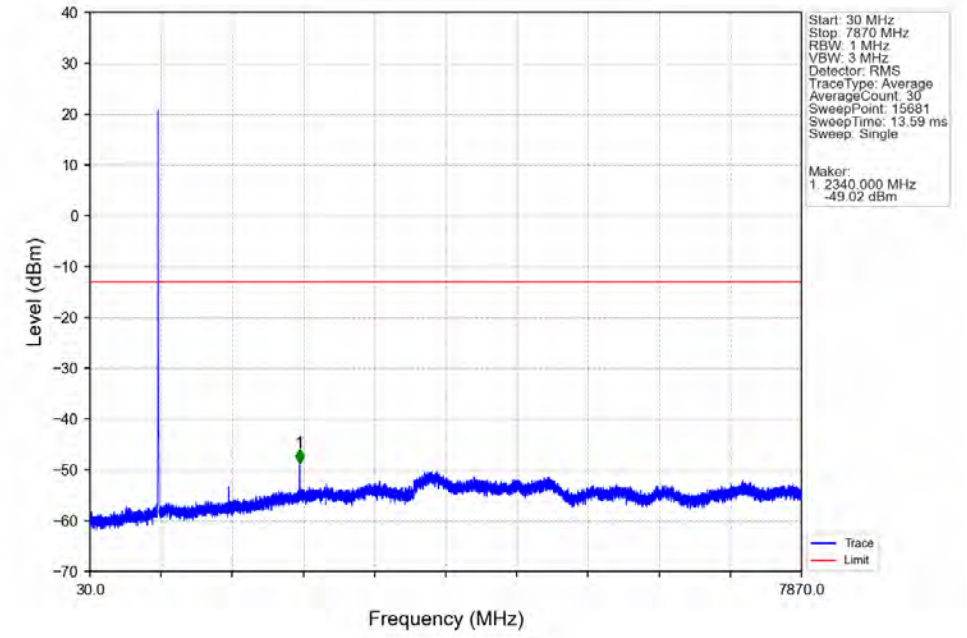


Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV

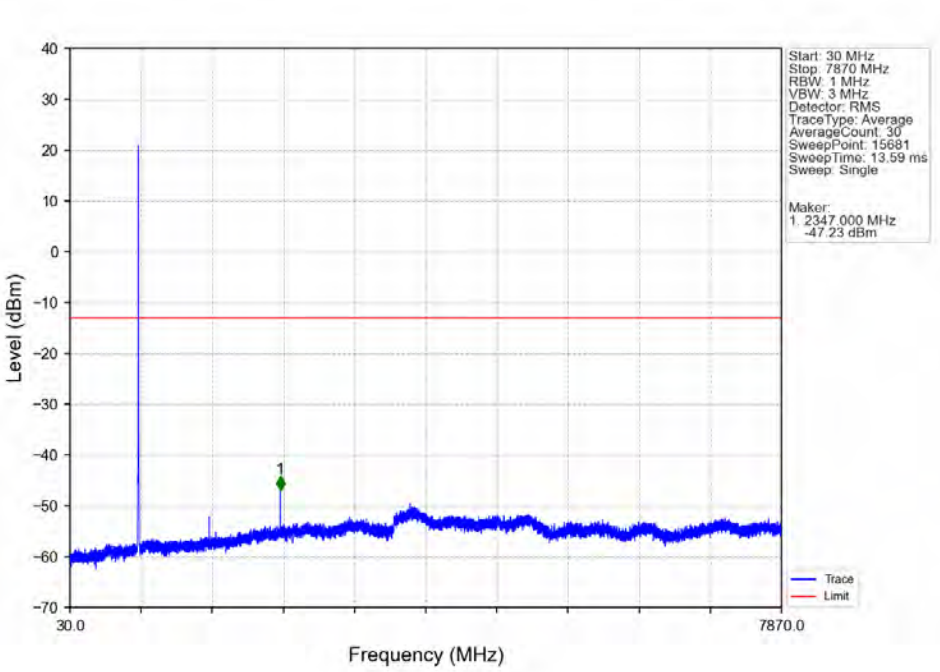


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.339	-69.09	-13	Pass
763	775	0.00625	CHP	2	774.885	-50.35	-35	Pass
775	776.9	0.1	CHP	3	776.850	-34.78	-13	Pass
776.9	777	0.03	CHP	4	777.000	-34.35	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

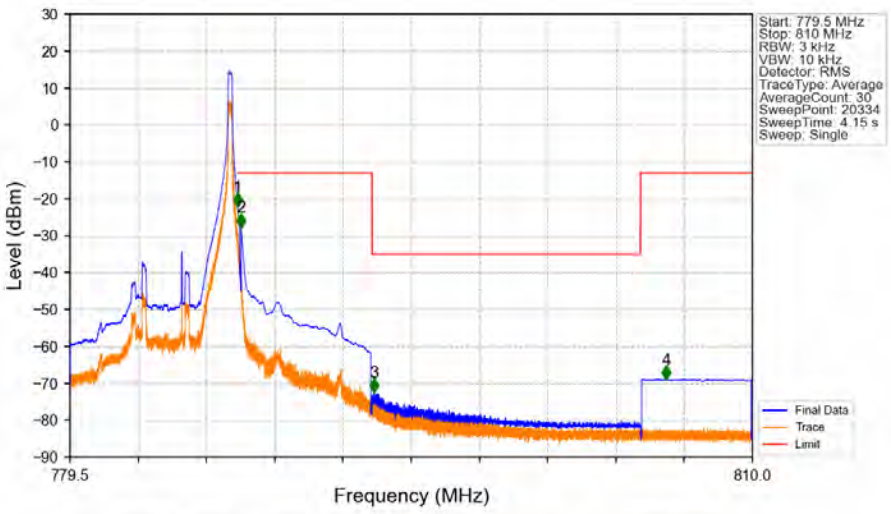
Band13_5MHz_64QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_0_NTNV

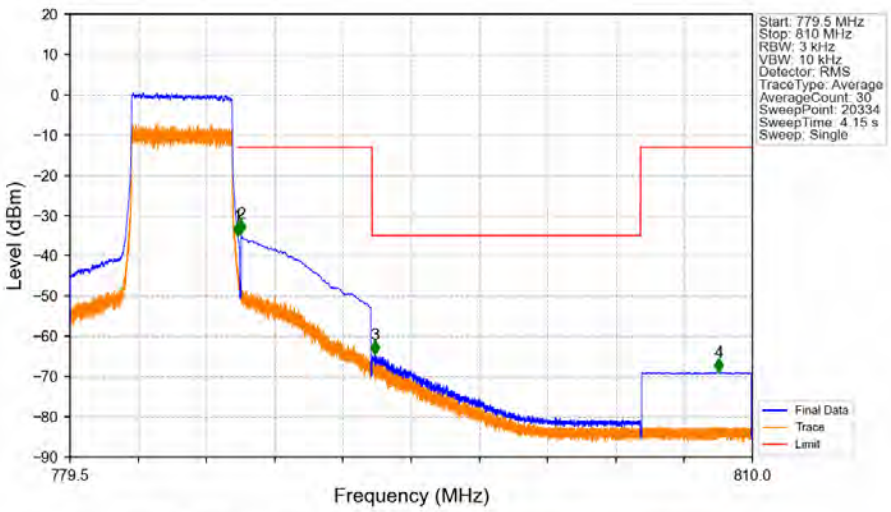


Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_24_NTNV



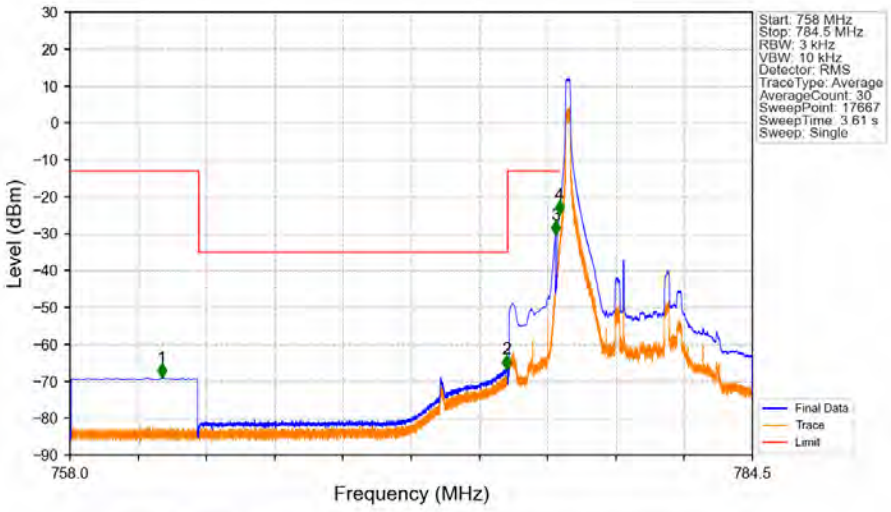
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-22.15	-13	Pass
787.1	793	0.1	CHP	2	787.150	-27.75	-13	Pass
793	805	0.00625	CHP	3	793.086	-72.43	-35	Pass
805	810	0.1	CHP	4	806.151	-68.91	-13	Pass

Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



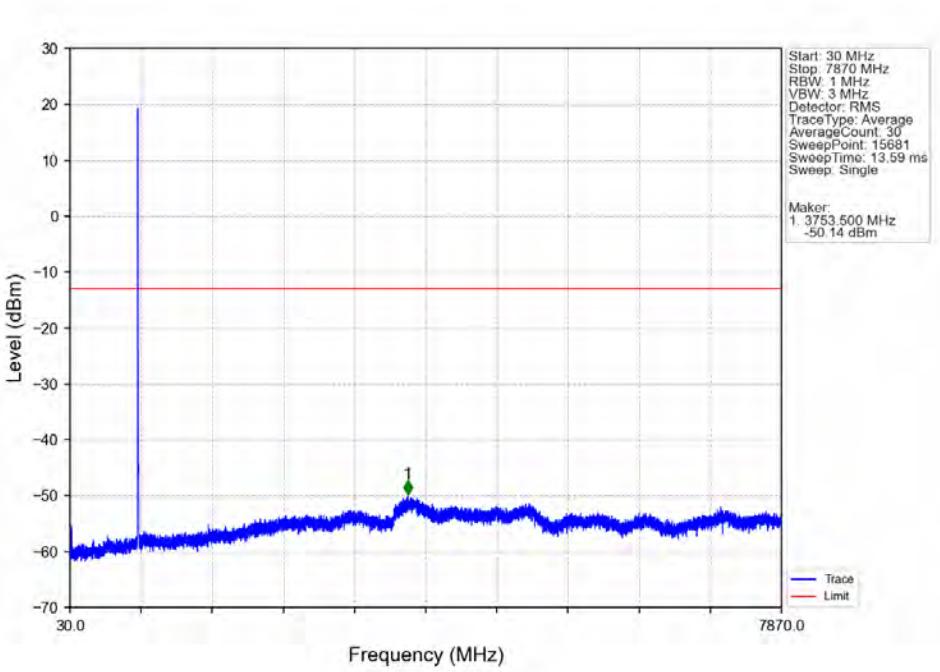
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-35.09	-13	Pass
787.1	793	0.1	CHP	2	787.150	-34.39	-13	Pass
793	805	0.00625	CHP	3	793.131	-64.42	-35	Pass
805	810	0.1	CHP	4	808.494	-68.87	-13	Pass

Band13_5MHz_256QAM_LCH_779.5MHz_RB_1_0_NTNV

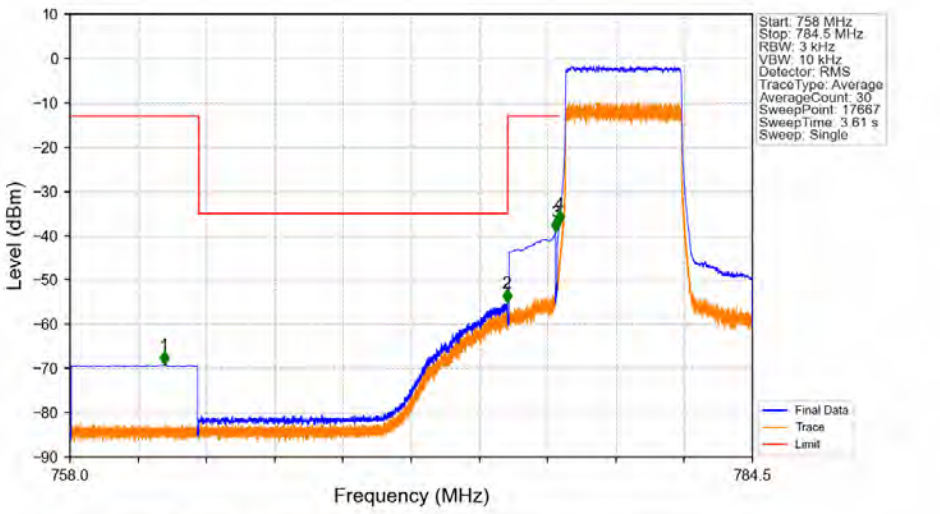


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.567	-69.01	-13	Pass
763	775	0.00625	CHP	2	774.942	-66.66	-35	Pass
775	776.9	0.1	CHP	3	776.850	-30.31	-13	Pass
776.9	777	0.03	CHP	4	777.000	-24.75	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13_5MHz_256QAM_LCH_779.5MHz_RB_1_0_NTNV

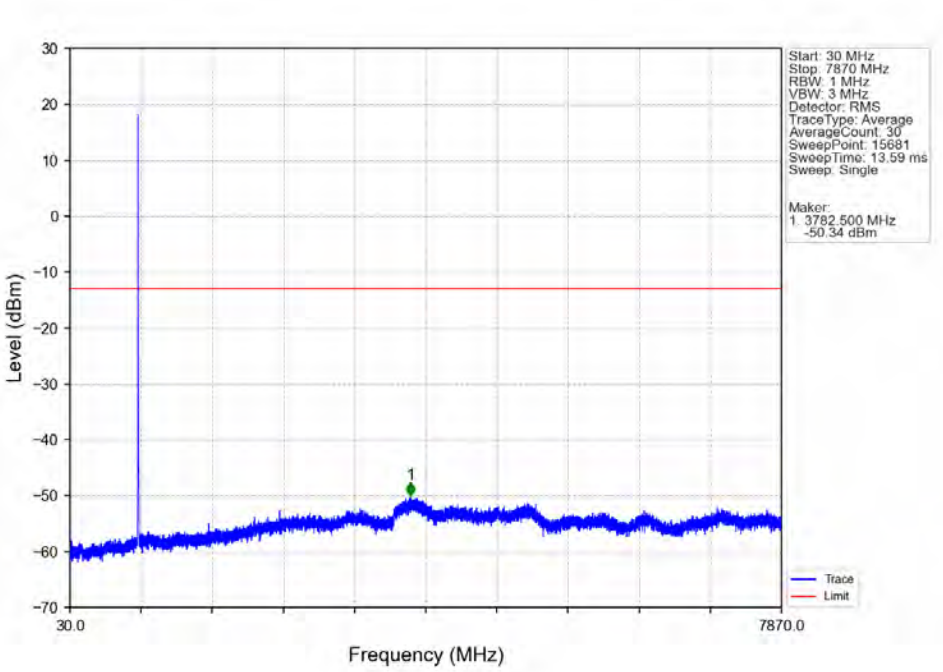


Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV

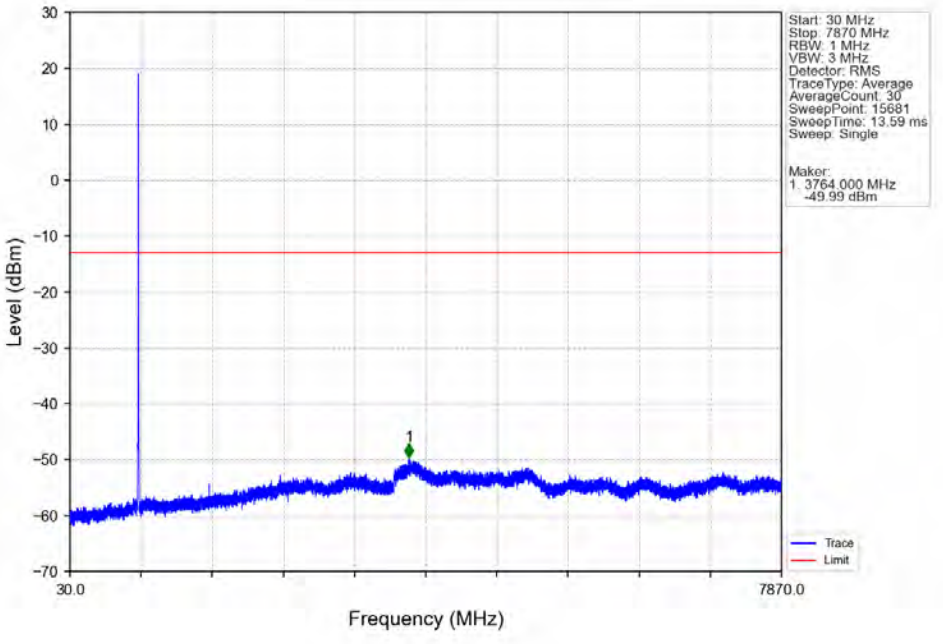


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.662	-69.18	-13	Pass
763	775	0.00625	CHP	2	774.964	-55.15	-35	Pass
775	776.9	0.1	CHP	3	776.850	-39.09	-13	Pass
776.9	777	0.03	CHP	4	777.000	-37.31	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

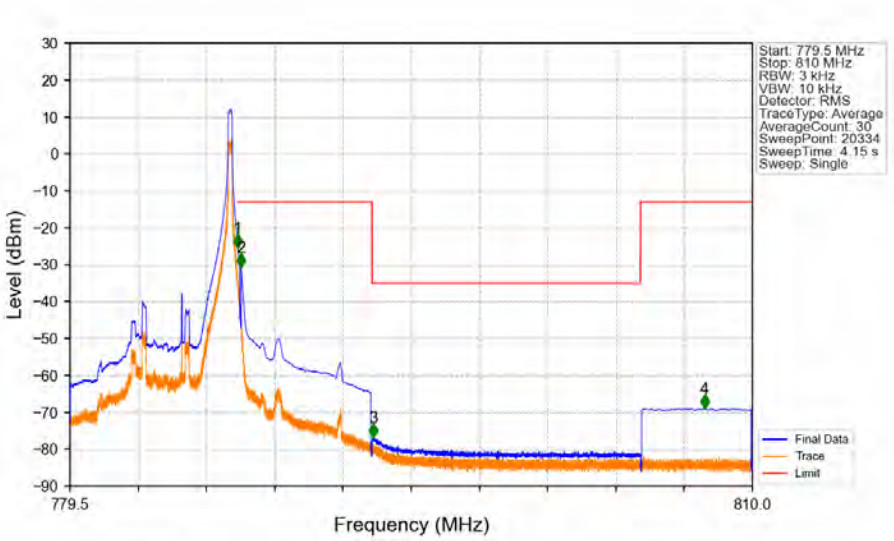
Band13_5MHz_256QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_256QAM_HCH_784.5MHz_RB_1_0_NTNV

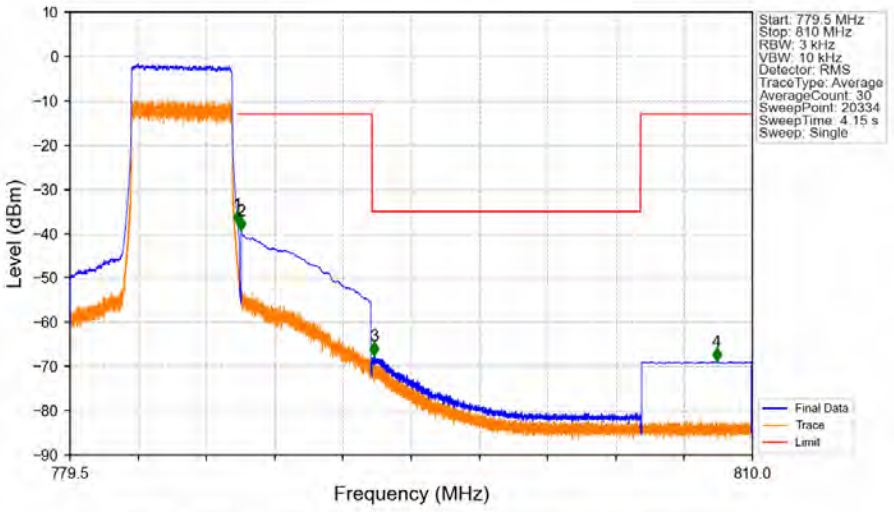


Band13_5MHz_256QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-25.43	-13	Pass
787.1	793	0.1	CHP	2	787.150	-30.80	-13	Pass
793	805	0.00625	CHP	3	793.065	-76.90	-35	Pass
805	810	0.1	CHP	4	807.865	-68.97	-13	Pass

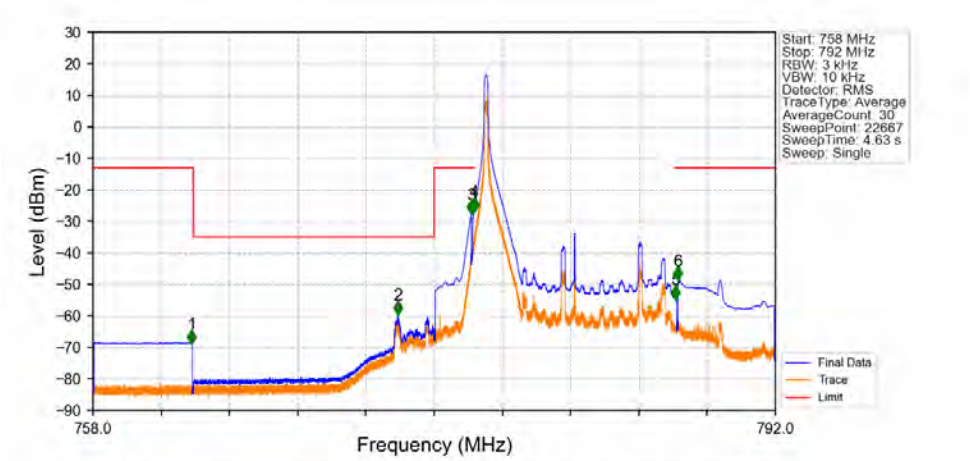
Band13_5MHz_256QAM_HCH_784.5MHz_RB_25_0_NTNV



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	-37.90	-13	Pass
787.1	793	0.1	CHP	2	787.150	-39.28	-13	Pass
793	805	0.00625	CHP	3	793.086	-67.60	-35	Pass
805	810	0.1	CHP	4	808.399	-68.88	-13	Pass

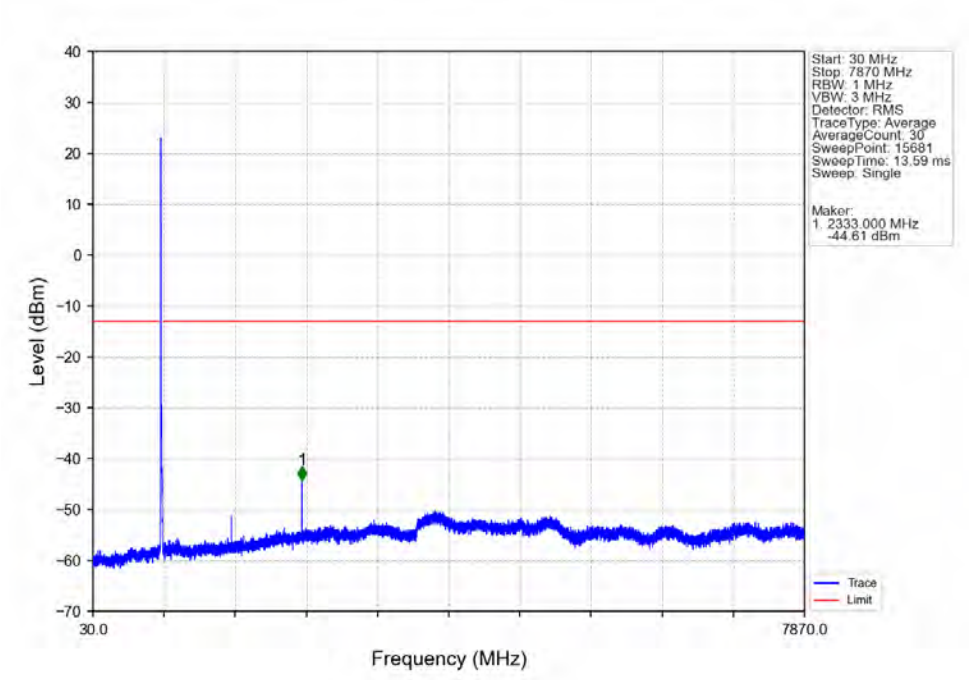
5.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

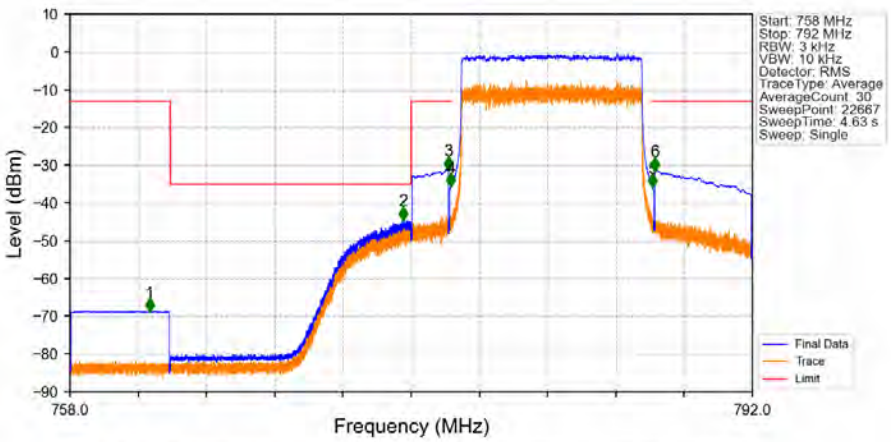


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.923	-68.45	-13	Pass
763	775	0.00625	CHP	2	773.194	-59.28	-35	Pass
775	776.9	0.1	CHP	3	776.850	-27.28	-13	Pass
776.9	777	0.03	CHP	4	777.000	-26.45	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-54.37	-13	Pass
787.1	792	0.1	CHP	6	787.150	-48.29	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

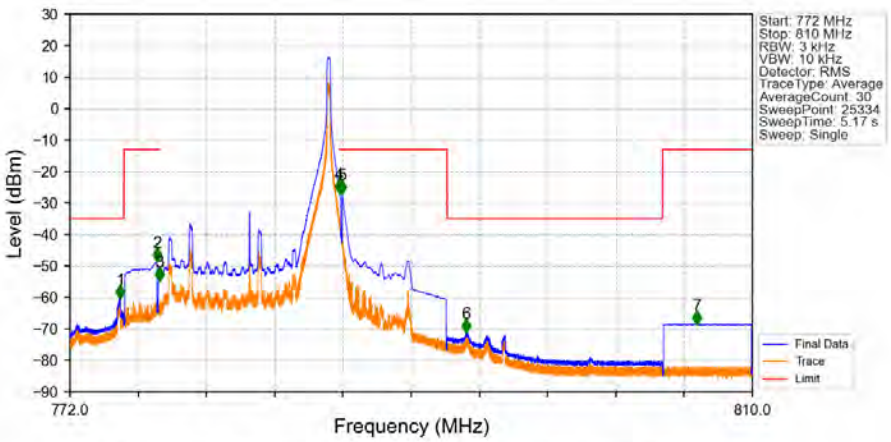


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



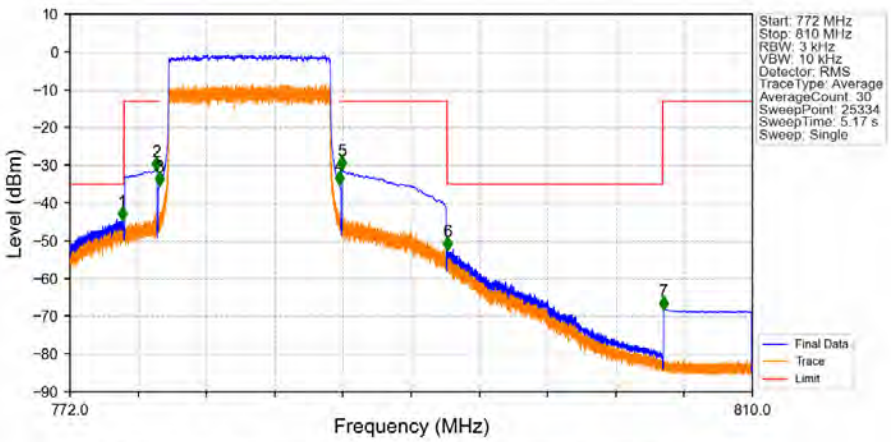
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.981	-68.53	-13	Pass
763	775	0.00625	CHP	2	774.611	-44.31	-35	Pass
775	776.9	0.1	CHP	3	776.847	-31.05	-13	Pass
776.9	777	0.03	CHP	4	776.976	-35.45	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-35.59	-13	Pass
787.1	792	0.1	CHP	6	787.150	-31.27	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



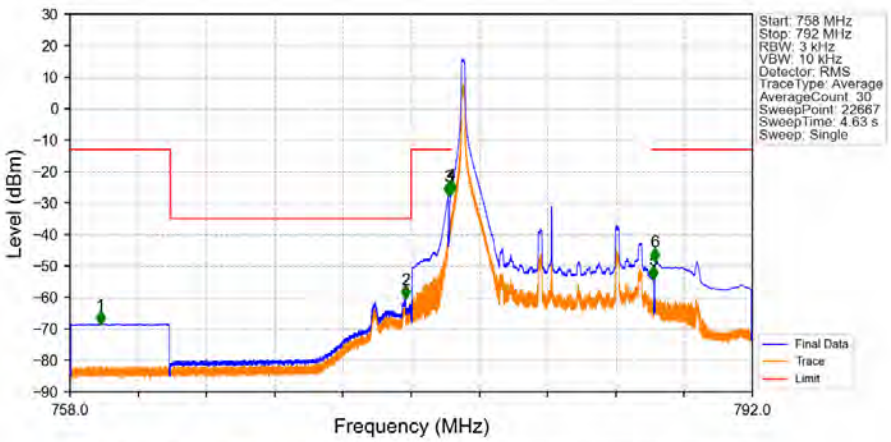
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.807	-60.13	-35	Pass
775	776.9	0.1	CHP	2	776.845	-48.29	-13	Pass
776.9	777	0.03	CHP	3	776.997	-54.43	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-26.51	-13	Pass
787.1	793	0.1	CHP	5	787.150	-26.74	-13	Pass
793	805	0.00625	CHP	6	794.035	-70.95	-35	Pass
805	810	0.1	CHP	7	806.920	-68.33	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



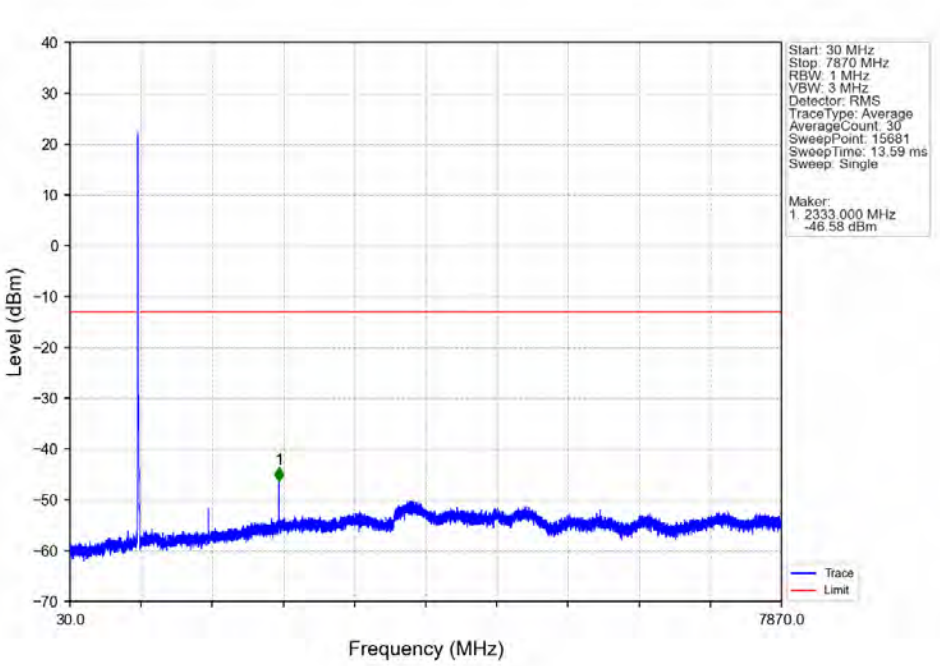
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.912	-44.36	-35	Pass
775	776.9	0.1	CHP	2	776.814	-31.08	-13	Pass
776.9	777	0.03	CHP	3	776.992	-35.19	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-35.03	-13	Pass
787.1	793	0.1	CHP	5	787.152	-30.99	-13	Pass
793	805	0.00625	CHP	6	793.017	-52.26	-35	Pass
805	810	0.1	CHP	7	805.071	-68.13	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

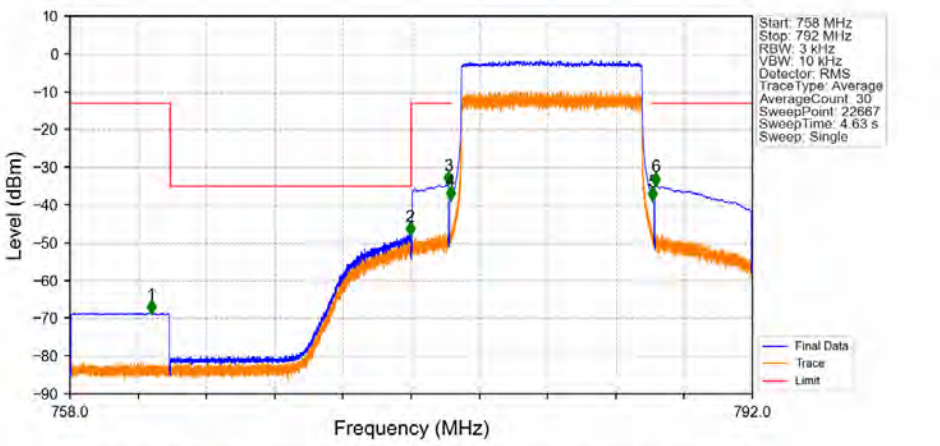


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.518	-68.32	-13	Pass
763	775	0.00625	CHP	2	774.731	-60.12	-35	Pass
775	776.9	0.1	CHP	3	776.850	-27.31	-13	Pass
776.9	777	0.03	CHP	4	777.000	-26.87	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.050	-53.99	-13	Pass
787.1	792	0.1	CHP	6	787.152	-48.22	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

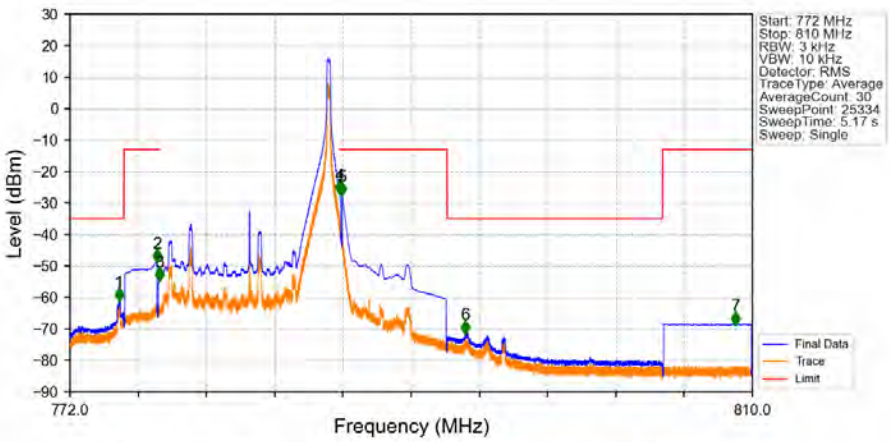


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



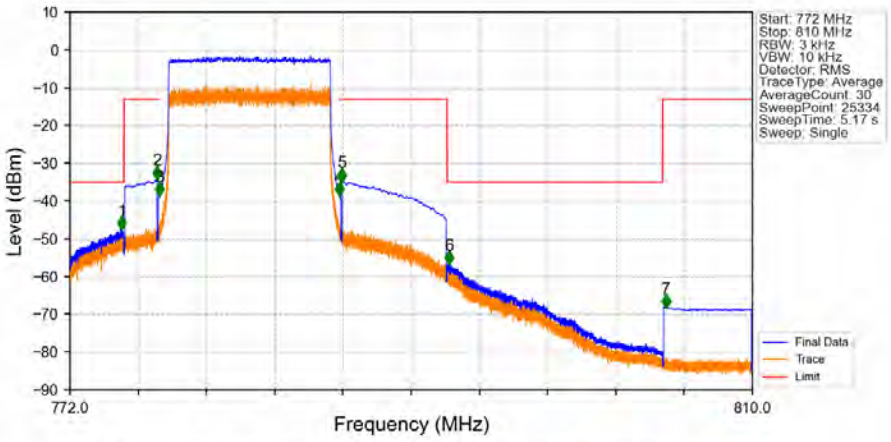
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.059	-68.56	-13	Pass
763	775	0.00625	CHP	2	774.946	-47.78	-35	Pass
775	776.9	0.1	CHP	3	776.842	-34.32	-13	Pass
776.9	777	0.03	CHP	4	776.956	-38.41	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-38.63	-13	Pass
787.1	792	0.1	CHP	6	787.197	-34.66	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



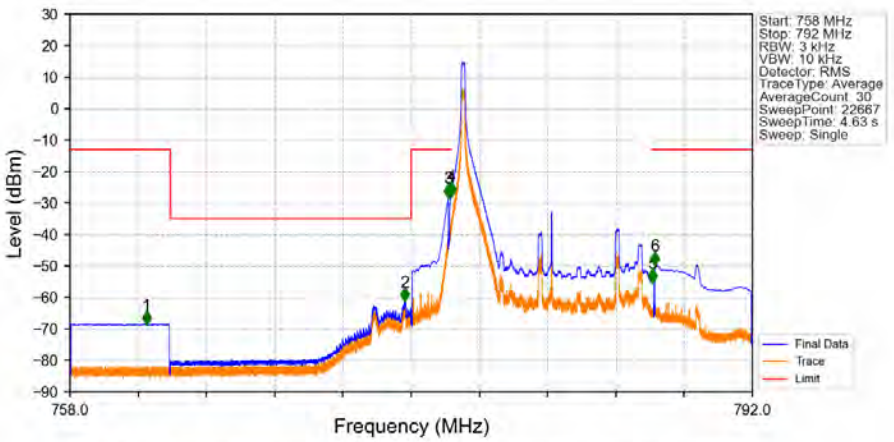
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.742	-60.89	-35	Pass
775	776.9	0.1	CHP	2	776.845	-48.57	-13	Pass
776.9	777	0.03	CHP	3	776.991	-54.50	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.011	-26.85	-13	Pass
787.1	793	0.1	CHP	5	787.150	-27.28	-13	Pass
793	805	0.00625	CHP	6	794.022	-71.33	-35	Pass
805	810	0.1	CHP	7	809.071	-68.44	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



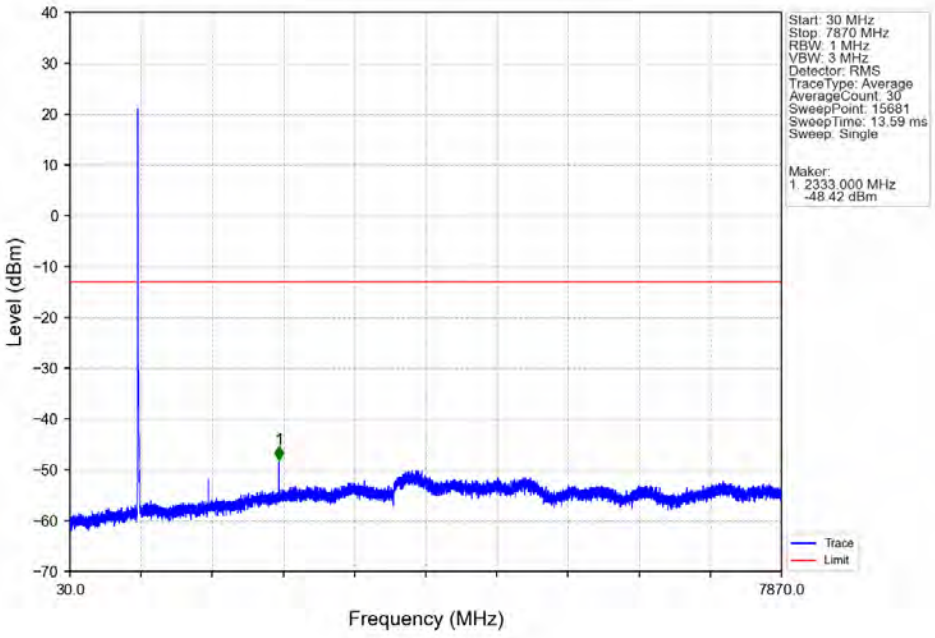
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.880	-47.35	-35	Pass
775	776.9	0.1	CHP	2	776.841	-34.05	-13	Pass
776.9	777	0.03	CHP	3	776.976	-38.43	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.002	-38.44	-13	Pass
787.1	793	0.1	CHP	5	787.150	-34.65	-13	Pass
793	805	0.00625	CHP	6	793.125	-56.60	-35	Pass
805	810	0.1	CHP	7	805.176	-68.09	-13	Pass

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

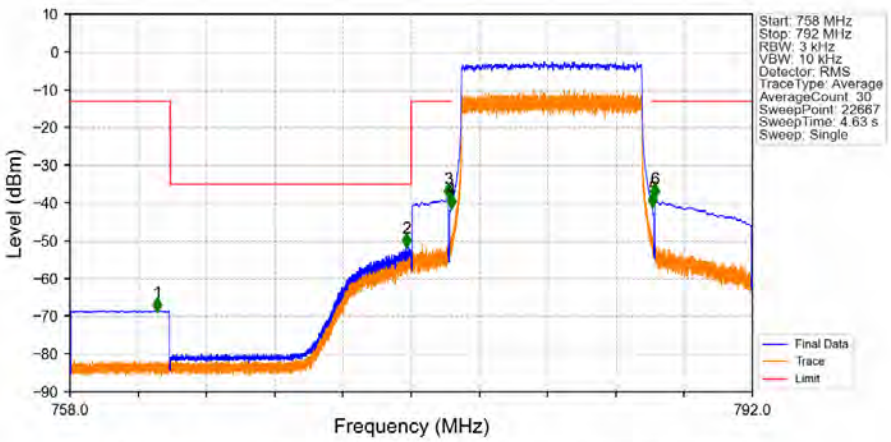


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.804	-68.42	-13	Pass
763	775	0.00625	CHP	2	774.668	-60.89	-35	Pass
775	776.9	0.1	CHP	3	776.850	-27.95	-13	Pass
776.9	777	0.03	CHP	4	777.000	-27.45	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.003	-54.97	-13	Pass
787.1	792	0.1	CHP	6	787.150	-49.50	-13	Pass

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

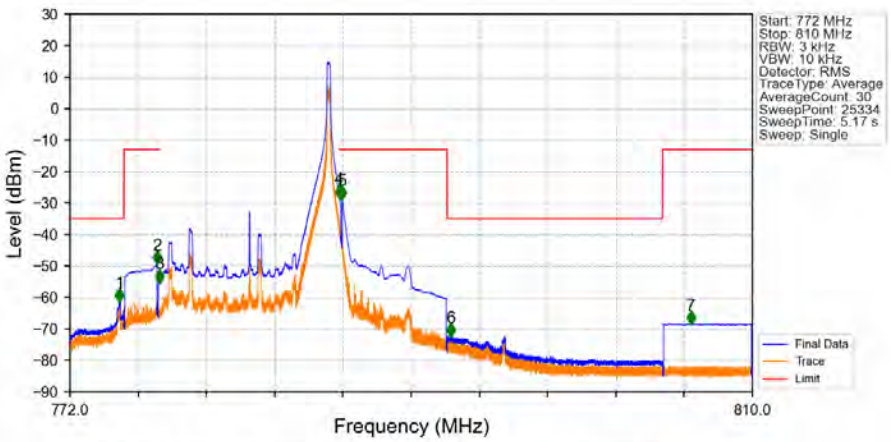


Band13_10MHz_64QAM_LCH_782MHz_RB_50_0_NTNV



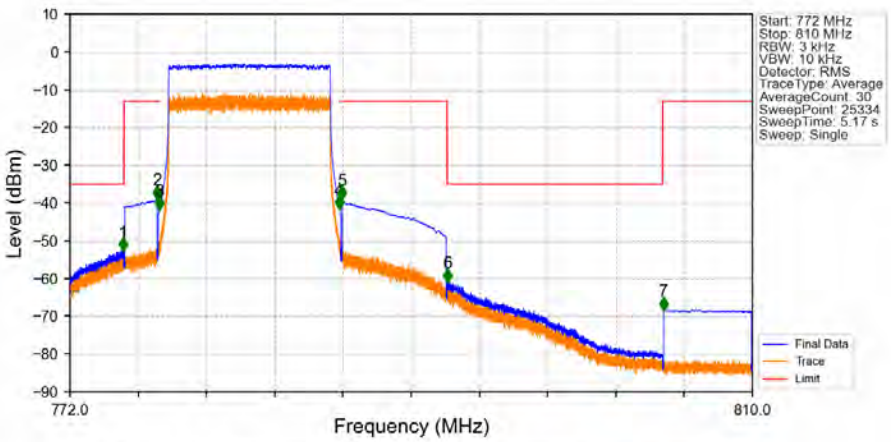
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.359	-68.49	-13	Pass
763	775	0.00625	CHP	2	774.755	-51.49	-35	Pass
775	776.9	0.1	CHP	3	776.850	-38.35	-13	Pass
776.9	777	0.03	CHP	4	776.992	-41.12	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.012	-40.82	-13	Pass
787.1	792	0.1	CHP	6	787.150	-38.45	-13	Pass

Band13_10MHz_64QAM_HCH_782MHz_RB_1_49_NTNV



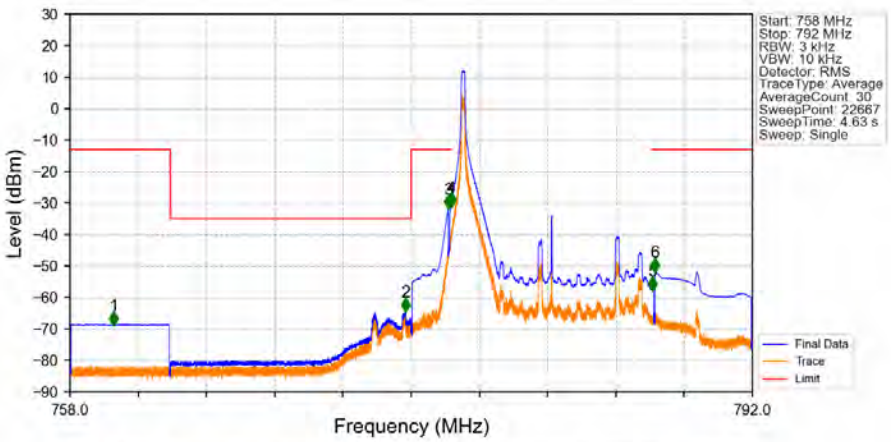
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.762	-61.21	-35	Pass
775	776.9	0.1	CHP	2	776.847	-49.17	-13	Pass
776.9	777	0.03	CHP	3	776.992	-55.12	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-28.23	-13	Pass
787.1	793	0.1	CHP	5	787.150	-28.67	-13	Pass
793	805	0.00625	CHP	6	793.194	-72.16	-35	Pass
805	810	0.1	CHP	7	806.596	-68.30	-13	Pass

Band13_10MHz_64QAM_HCH_782MHz_RB_50_0_NTNV



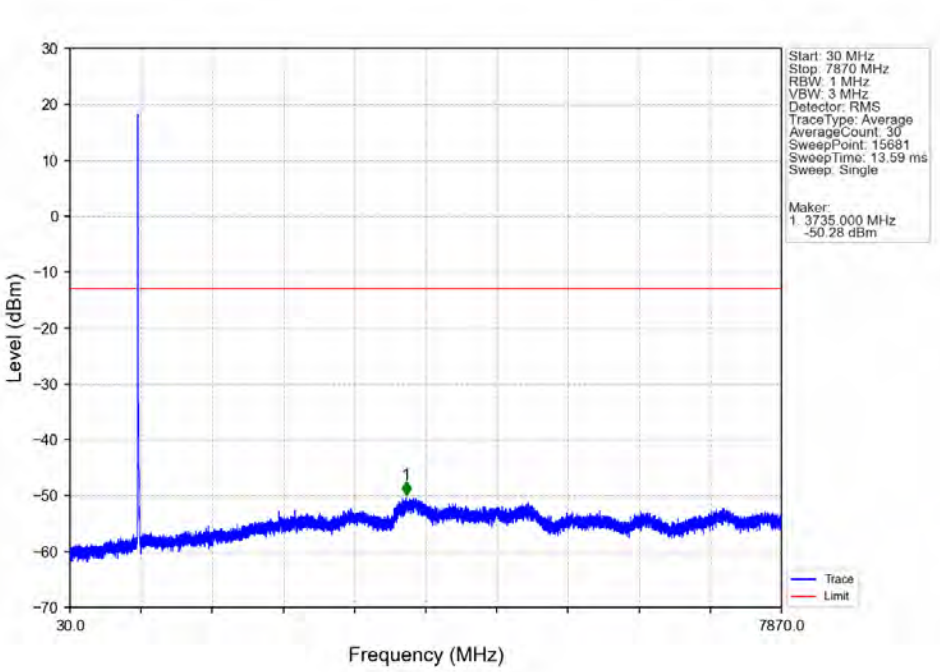
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.954	-52.55	-35	Pass
775	776.9	0.1	CHP	2	776.850	-38.76	-13	Pass
776.9	777	0.03	CHP	3	776.992	-41.55	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-41.38	-13	Pass
787.1	793	0.1	CHP	5	787.150	-38.77	-13	Pass
793	805	0.00625	CHP	6	793.003	-60.71	-35	Pass
805	810	0.1	CHP	7	805.056	-68.23	-13	Pass

Band13_10MHz_256QAM_LCH_782MHz_RB_1_0_NTNV

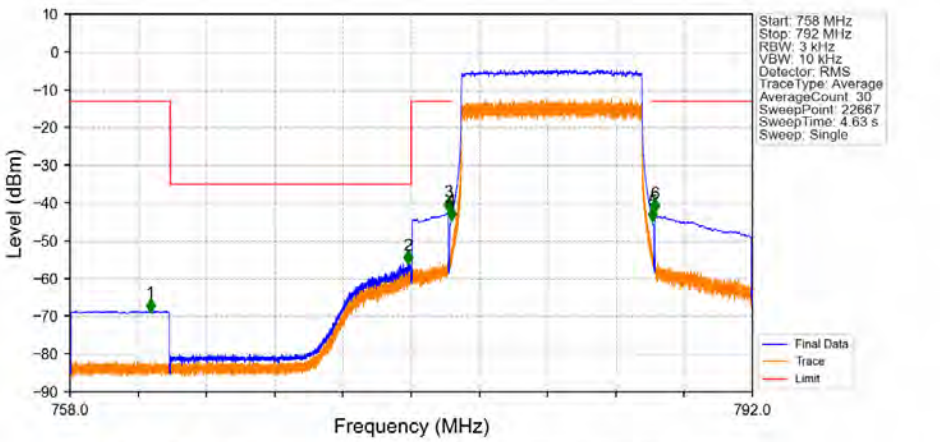


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.184	-68.50	-13	Pass
763	775	0.00625	CHP	2	774.707	-64.13	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.41	-13	Pass
776.9	777	0.03	CHP	4	777.000	-30.85	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-57.42	-13	Pass
787.1	792	0.1	CHP	6	787.150	-51.53	-13	Pass

Band13_10MHz_256QAM_LCH_782MHz_RB_1_0_NTNV

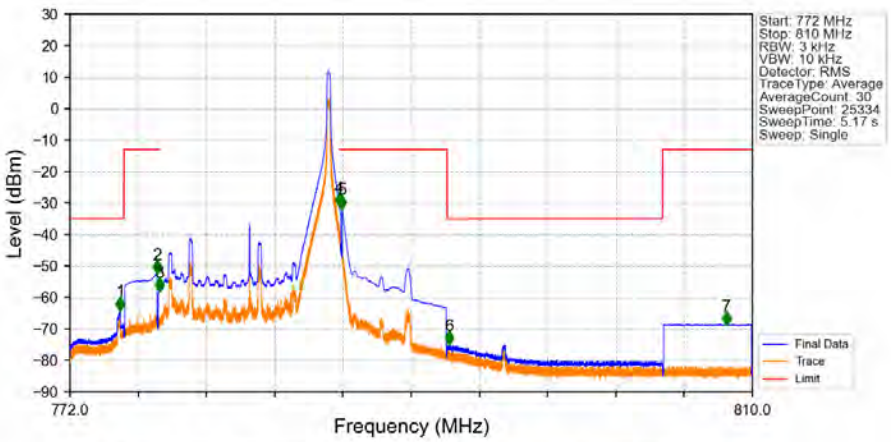


Band13_10MHz_256QAM_LCH_782MHz_RB_50_0_NTNV



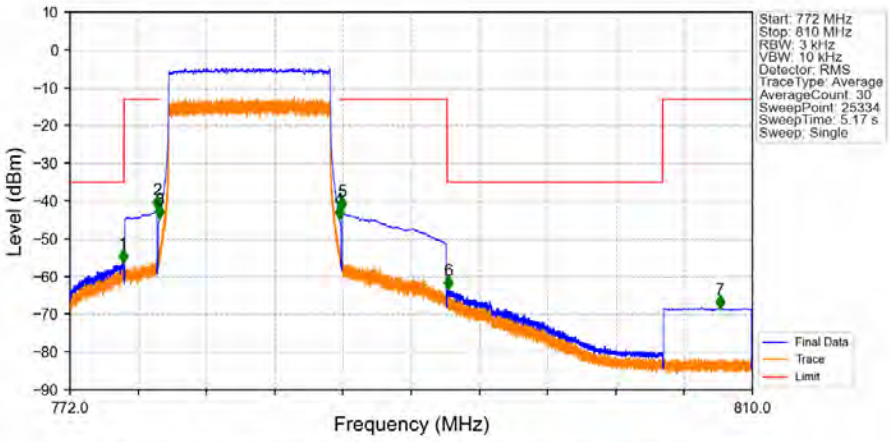
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.002	-68.64	-13	Pass
763	775	0.00625	CHP	2	774.851	-55.95	-35	Pass
775	776.9	0.1	CHP	3	776.848	-41.92	-13	Pass
776.9	777	0.03	CHP	4	776.998	-44.31	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-44.48	-13	Pass
787.1	792	0.1	CHP	6	787.150	-42.27	-13	Pass

Band13_10MHz_256QAM_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	774.807	-63.85	-35	Pass
775	776.9	0.1	CHP	2	776.845	-52.19	-13	Pass
776.9	777	0.03	CHP	3	776.980	-57.91	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-30.85	-13	Pass
787.1	793	0.1	CHP	5	787.150	-31.58	-13	Pass
793	805	0.00625	CHP	6	793.099	-74.82	-35	Pass
805	810	0.1	CHP	7	808.543	-68.56	-13	Pass

Band13_10MHz_256QAM_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	774.951	-56.11	-35	Pass
775	776.9	0.1	CHP	2	776.850	-41.93	-13	Pass
776.9	777	0.03	CHP	3	777.000	-44.32	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.002	-44.49	-13	Pass
787.1	793	0.1	CHP	5	787.150	-42.27	-13	Pass
793	805	0.00625	CHP	6	793.062	-63.17	-35	Pass
805	810	0.1	CHP	7	808.197	-68.33	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 13_10M ANT1-Middle channel								
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	-68.84	-13	-55.84	-71.98	2.6	5.74	Horizontal	Pass
2332.5	-69.97	-13	-56.97	-72.43	2.96	5.42	Horizontal	Pass
3110.0	-67.66	-13	-54.66	-71.66	3.2	7.2	Horizontal	Pass
1555.0	-69.45	-13	-56.45	-72.59	2.6	5.74	Vertical	Pass
2332.5	-69.77	-13	-56.77	-72.23	2.96	5.42	Vertical	Pass
3110.0	-67.51	-13	-54.51	-71.51	3.2	7.2	Vertical	Pass

LTE Band 13_5M ANT1-Low channel								
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	-71.01	-13	-58.01	-74.15	2.6	5.74	Horizontal	Pass
2331.75	-70.74	-13	-57.74	-73.2	2.96	5.42	Horizontal	Pass
3109.0	-67.71	-13	-54.71	-71.7	3.2	7.19	Horizontal	Pass
1554.5	-70.06	-13	-57.06	-73.2	2.6	5.74	Vertical	Pass
2331.75	-70.23	-13	-57.23	-72.69	2.96	5.42	Vertical	Pass
3109.0	-67.94	-13	-54.94	-71.93	3.2	7.19	Vertical	Pass

LTE Band 13_5M ANT1-Middle channel								
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	-69.63	-40	-29.63	-72.76	2.6	5.73	Horizontal	Pass
2339.25	-69.84	-13	-56.84	-72.31	2.96	5.43	Horizontal	Pass
3119.0	-67.64	-13	-54.64	-71.65	3.21	7.22	Horizontal	Pass
1559.5	-70.66	-40	-30.66	-73.79	2.6	5.73	Vertical	Pass
2339.25	-70.21	-13	-57.21	-72.68	2.96	5.43	Vertical	Pass
3119.0	-67.63	-13	-54.63	-71.64	3.21	7.22	Vertical	Pass

LTE Band 13_5M ANT1-High channel								
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	-70.2	-40	-30.2	-73.32	2.6	5.72	Horizontal	Pass
2346.75	-70.01	-13	-57.01	-72.49	2.97	5.45	Horizontal	Pass
3129.0	-67.71	-13	-54.71	-71.74	3.21	7.24	Horizontal	Pass
1564.5	-70.58	-40	-30.58	-73.7	2.6	5.72	Vertical	Pass
2346.75	-69.77	-13	-56.77	-72.25	2.97	5.45	Vertical	Pass
3129.0	-67.06	-13	-54.06	-71.09	3.21	7.24	Vertical	Pass