

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	22.74	-3.10	17.49	<=34.77	Pass
			13	22.92	-3.10	17.67	<=34.77	Pass
			24	22.91	-3.10	17.66	<=34.77	Pass
		12	0	21.88	-3.10	16.63	<=34.77	Pass
			6	21.93	-3.10	16.68	<=34.77	Pass
			13	21.90	-3.10	16.65	<=34.77	Pass
		25	0	21.92	-3.10	16.67	<=34.77	Pass
	782	1	0	22.87	-3.10	17.62	<=34.77	Pass
			13	22.73	-3.10	17.48	<=34.77	Pass
			24	22.80	-3.10	17.55	<=34.77	Pass
		12	0	21.92	-3.10	16.67	<=34.77	Pass
			6	21.91	-3.10	16.66	<=34.77	Pass
			13	21.84	-3.10	16.59	<=34.77	Pass
		25	0	21.89	-3.10	16.64	<=34.77	Pass
	784.5	1	0	22.75	-3.10	17.50	<=34.77	Pass
			13	22.76	-3.10	17.51	<=34.77	Pass
			24	22.78	-3.10	17.53	<=34.77	Pass
		12	0	21.93	-3.10	16.68	<=34.77	Pass
			6	21.88	-3.10	16.63	<=34.77	Pass
			13	21.86	-3.10	16.61	<=34.77	Pass
		25	0	21.91	-3.10	16.66	<=34.77	Pass
16QAM	779.5	1	0	21.98	-3.10	16.73	<=34.77	Pass
			13	22.06	-3.10	16.81	<=34.77	Pass
			24	22.03	-3.10	16.78	<=34.77	Pass
		12	0	20.93	-3.10	15.68	<=34.77	Pass
			6	20.95	-3.10	15.70	<=34.77	Pass
			13	20.96	-3.10	15.71	<=34.77	Pass
		25	0	20.96	-3.10	15.71	<=34.77	Pass
	782	1	0	21.92	-3.10	16.67	<=34.77	Pass
			13	22.09	-3.10	16.84	<=34.77	Pass
			24	21.92	-3.10	16.67	<=34.77	Pass
		12	0	20.96	-3.10	15.71	<=34.77	Pass
			6	20.99	-3.10	15.74	<=34.77	Pass
			13	20.97	-3.10	15.72	<=34.77	Pass
		25	0	20.99	-3.10	15.74	<=34.77	Pass
	784.5	1	0	22.01	-3.10	16.76	<=34.77	Pass
			13	22.15	-3.10	16.90	<=34.77	Pass
			24	21.94	-3.10	16.69	<=34.77	Pass
		12	0	20.99	-3.10	15.74	<=34.77	Pass
			6	21.00	-3.10	15.75	<=34.77	Pass
			13	20.96	-3.10	15.71	<=34.77	Pass
		25	0	20.98	-3.10	15.73	<=34.77	Pass
64QAM	779.5	1	0	20.24	-3.10	14.99	<=34.77	Pass
			13	20.38	-3.10	15.13	<=34.77	Pass
			24	20.39	-3.10	15.14	<=34.77	Pass
		12	0	19.15	-3.10	13.90	<=34.77	Pass
			6	19.25	-3.10	14.00	<=34.77	Pass
			13	19.24	-3.10	13.99	<=34.77	Pass
		25	0	19.25	-3.10	14.00	<=34.77	Pass

	782	1	0	20.59	-3.10	15.34	<=34.77	Pass
			13	20.50	-3.10	15.25	<=34.77	Pass
			24	20.52	-3.10	15.27	<=34.77	Pass
		12	0	19.38	-3.10	14.13	<=34.77	Pass
			6	19.42	-3.10	14.17	<=34.77	Pass
			13	19.32	-3.10	14.07	<=34.77	Pass
		25	0	19.29	-3.10	14.04	<=34.77	Pass
	784.5	1	0	20.56	-3.10	15.31	<=34.77	Pass
			13	20.51	-3.10	15.26	<=34.77	Pass
			24	20.51	-3.10	15.26	<=34.77	Pass
		12	0	19.51	-3.10	14.26	<=34.77	Pass
			6	19.46	-3.10	14.21	<=34.77	Pass
			13	19.29	-3.10	14.04	<=34.77	Pass
		25	0	19.35	-3.10	14.10	<=34.77	Pass
256QAM	779.5	1	0	17.32	-3.10	12.07	<=34.77	Pass
			13	17.35	-3.10	12.10	<=34.77	Pass
			24	17.35	-3.10	12.10	<=34.77	Pass
		12	0	17.17	-3.10	11.92	<=34.77	Pass
			6	17.22	-3.10	11.97	<=34.77	Pass
			13	17.25	-3.10	12.00	<=34.77	Pass
		25	0	17.24	-3.10	11.99	<=34.77	Pass
	782	1	0	17.52	-3.10	12.27	<=34.77	Pass
			13	17.36	-3.10	12.11	<=34.77	Pass
			24	17.39	-3.10	12.14	<=34.77	Pass
		12	0	17.31	-3.10	12.06	<=34.77	Pass
			6	17.34	-3.10	12.09	<=34.77	Pass
			13	17.32	-3.10	12.07	<=34.77	Pass
		25	0	17.30	-3.10	12.05	<=34.77	Pass
	784.5	1	0	17.34	-3.10	12.09	<=34.77	Pass
			13	17.37	-3.10	12.12	<=34.77	Pass
			24	17.57	-3.10	12.32	<=34.77	Pass
		12	0	17.41	-3.10	12.16	<=34.77	Pass
			6	17.36	-3.10	12.11	<=34.77	Pass
			13	17.37	-3.10	12.12	<=34.77	Pass
		25	0	17.41	-3.10	12.16	<=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	22.96	-3.10	17.71	<=34.77	Pass
			25	22.96	-3.10	17.71	<=34.77	Pass
			49	22.91	-3.10	17.66	<=34.77	Pass
		25	0	21.98	-3.10	16.73	<=34.77	Pass
			13	21.91	-3.10	16.66	<=34.77	Pass
			25	21.92	-3.10	16.67	<=34.77	Pass
		50	0	21.89	-3.10	16.64	<=34.77	Pass
16QAM	782	1	0	22.12	-3.10	16.87	<=34.77	Pass
			25	22.07	-3.10	16.82	<=34.77	Pass
			49	22.14	-3.10	16.89	<=34.77	Pass
		25	0	20.92	-3.10	15.67	<=34.77	Pass
			13	20.87	-3.10	15.62	<=34.77	Pass
			25	20.88	-3.10	15.63	<=34.77	Pass
		50	0	20.84	-3.10	15.59	<=34.77	Pass
64QAM	782	1	0	20.52	-3.10	15.27	<=34.77	Pass

			25	20.34	-3.10	15.09	<=34.77	Pass
			49	20.57	-3.10	15.32	<=34.77	Pass
		25	0	19.19	-3.10	13.94	<=34.77	Pass
			13	19.29	-3.10	14.04	<=34.77	Pass
			25	19.35	-3.10	14.10	<=34.77	Pass
		50	0	19.24	-3.10	13.99	<=34.77	Pass
		256QAM	782	1	0	17.24	-3.10	11.99
25	17.42				-3.10	12.17	<=34.77	Pass
49	17.51				-3.10	12.26	<=34.77	Pass
25	0			17.22	-3.10	11.97	<=34.77	Pass
	13			17.30	-3.10	12.05	<=34.77	Pass
	25			17.32	-3.10	12.07	<=34.77	Pass
50	0			17.30	-3.10	12.05	<=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	3.60	1.300	0.0017	-2.5 to 2.5	Pass
					3.91	-1.600	-0.0021	-2.5 to 2.5	Pass
					4.50	-2.500	-0.0032	-2.5 to 2.5	Pass
				-30	3.91	1.700	0.0022	-2.5 to 2.5	Pass
				-20	3.91	-3.100	-0.0040	-2.5 to 2.5	Pass
				-10	3.91	-1.200	-0.0015	-2.5 to 2.5	Pass
				0	3.91	-2.400	-0.0031	-2.5 to 2.5	Pass
				10	3.91	-1.700	-0.0022	-2.5 to 2.5	Pass
				30	3.91	-1.000	-0.0013	-2.5 to 2.5	Pass
				40	3.91	-6.000	-0.0077	-2.5 to 2.5	Pass
				50	3.91	-0.800	-0.0010	-2.5 to 2.5	Pass
	782	25	0	20	3.60	-4.500	-0.0058	-2.5 to 2.5	Pass
					3.91	-1.300	-0.0017	-2.5 to 2.5	Pass
					4.50	-0.300	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	-4.400	-0.0056	-2.5 to 2.5	Pass
				-20	3.91	-4.900	-0.0063	-2.5 to 2.5	Pass
				-10	3.91	-5.200	-0.0066	-2.5 to 2.5	Pass
				0	3.91	-3.400	-0.0043	-2.5 to 2.5	Pass
				10	3.91	4.400	0.0056	-2.5 to 2.5	Pass
				30	3.91	0.700	0.0009	-2.5 to 2.5	Pass
				40	3.91	1.800	0.0023	-2.5 to 2.5	Pass
				50	3.91	2.000	0.0026	-2.5 to 2.5	Pass
	784.5	25	0	20	3.60	-1.800	-0.0023	-2.5 to 2.5	Pass
					3.91	-3.200	-0.0041	-2.5 to 2.5	Pass
					4.50	2.300	0.0029	-2.5 to 2.5	Pass
				-30	3.91	-4.300	-0.0055	-2.5 to 2.5	Pass
				-20	3.91	-1.600	-0.0020	-2.5 to 2.5	Pass
				-10	3.91	-9.400	-0.0120	-2.5 to 2.5	Pass
				0	3.91	-7.100	-0.0091	-2.5 to 2.5	Pass
				10	3.91	-2.500	-0.0032	-2.5 to 2.5	Pass
				30	3.91	-1.600	-0.0020	-2.5 to 2.5	Pass
				40	3.91	4.400	0.0056	-2.5 to 2.5	Pass

				50	3.91	-2.400	-0.0031	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.60	-1.900	-0.0024	-2.5 to 2.5	Pass
					3.91	-6.600	-0.0085	-2.5 to 2.5	Pass
					4.50	-5.700	-0.0073	-2.5 to 2.5	Pass
					-30	3.91	-4.800	-0.0062	-2.5 to 2.5
				-20	3.91	0.500	0.0006	-2.5 to 2.5	Pass
				-10	3.91	0.800	0.0010	-2.5 to 2.5	Pass
				0	3.91	1.500	0.0019	-2.5 to 2.5	Pass
				10	3.91	1.600	0.0021	-2.5 to 2.5	Pass
				30	3.91	-3.800	-0.0049	-2.5 to 2.5	Pass
				40	3.91	4.000	0.0051	-2.5 to 2.5	Pass
	50	3.91	7.500	0.0096	-2.5 to 2.5	Pass			
	782	25	0	20	3.60	-3.100	-0.0040	-2.5 to 2.5	Pass
					3.91	-1.900	-0.0024	-2.5 to 2.5	Pass
					4.50	-5.600	-0.0072	-2.5 to 2.5	Pass
					-30	3.91	-5.100	-0.0065	-2.5 to 2.5
				-20	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	-3.400	-0.0043	-2.5 to 2.5	Pass
				0	3.91	0.900	0.0012	-2.5 to 2.5	Pass
				10	3.91	0.900	0.0012	-2.5 to 2.5	Pass
				30	3.91	-4.000	-0.0051	-2.5 to 2.5	Pass
				40	3.91	1.200	0.0015	-2.5 to 2.5	Pass
	50	3.91	1.500	0.0019	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.60	2.000	0.0025	-2.5 to 2.5	Pass
					3.91	-6.900	-0.0088	-2.5 to 2.5	Pass
					4.50	-0.200	-0.0003	-2.5 to 2.5	Pass
					-30	3.91	-5.200	-0.0066	-2.5 to 2.5
				-20	3.91	-5.100	-0.0065	-2.5 to 2.5	Pass
				-10	3.91	-1.300	-0.0017	-2.5 to 2.5	Pass
				0	3.91	1.200	0.0015	-2.5 to 2.5	Pass
				10	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
30				3.91	0.000	0.0000	-2.5 to 2.5	Pass	
40				3.91	-9.400	-0.0120	-2.5 to 2.5	Pass	
50	3.91	1.000	0.0013	-2.5 to 2.5	Pass				
64QAM	779.5	25	0	20	3.60	-7.100	-0.0091	-2.5 to 2.5	Pass
					3.91	-9.100	-0.0117	-2.5 to 2.5	Pass
					4.50	-7.500	-0.0096	-2.5 to 2.5	Pass
					-30	3.91	-6.200	-0.0080	-2.5 to 2.5
				-20	3.91	-6.100	-0.0078	-2.5 to 2.5	Pass
				-10	3.91	-9.100	-0.0117	-2.5 to 2.5	Pass
				0	3.91	-7.400	-0.0095	-2.5 to 2.5	Pass
				10	3.91	-7.400	-0.0095	-2.5 to 2.5	Pass
				30	3.91	-7.200	-0.0092	-2.5 to 2.5	Pass
				40	3.91	-7.900	-0.0101	-2.5 to 2.5	Pass
	50	3.91	-8.000	-0.0103	-2.5 to 2.5	Pass			
	782	25	0	20	3.60	-1.500	-0.0019	-2.5 to 2.5	Pass
					3.91	-0.200	-0.0003	-2.5 to 2.5	Pass
					4.50	2.400	0.0031	-2.5 to 2.5	Pass
					-30	3.91	-1.000	-0.0013	-2.5 to 2.5
				-20	3.91	-2.700	-0.0035	-2.5 to 2.5	Pass
				-10	3.91	-2.800	-0.0036	-2.5 to 2.5	Pass
				0	3.91	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.91	-2.100	-0.0027	-2.5 to 2.5	Pass
				30	3.91	-3.900	-0.0050	-2.5 to 2.5	Pass
				40	3.91	-3.600	-0.0046	-2.5 to 2.5	Pass
	50	3.91	-3.800	-0.0049	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.60	-1.600	-0.0020	-2.5 to 2.5	Pass
					3.91	-1.000	-0.0013	-2.5 to 2.5	Pass
4.50					0.700	0.0009	-2.5 to 2.5	Pass	

				-30	3.91	-3.300	-0.0042	-2.5 to 2.5	Pass
				-20	3.91	-1.800	-0.0023	-2.5 to 2.5	Pass
				-10	3.91	-2.400	-0.0031	-2.5 to 2.5	Pass
				0	3.91	-1.100	-0.0014	-2.5 to 2.5	Pass
				10	3.91	-1.300	-0.0017	-2.5 to 2.5	Pass
				30	3.91	-3.300	-0.0042	-2.5 to 2.5	Pass
				40	3.91	-3.700	-0.0047	-2.5 to 2.5	Pass
				50	3.91	-1.000	-0.0013	-2.5 to 2.5	Pass
256QAM	779.5	25	0	20	3.60	-1.100	-0.0014	-2.5 to 2.5	Pass
					3.91	-1.300	-0.0017	-2.5 to 2.5	Pass
					4.50	-3.900	-0.0050	-2.5 to 2.5	Pass
				-30	3.91	-1.200	-0.0015	-2.5 to 2.5	Pass
				-20	3.91	-4.000	-0.0051	-2.5 to 2.5	Pass
				-10	3.91	-0.600	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-4.900	-0.0063	-2.5 to 2.5	Pass
				10	3.91	-12.300	-0.0158	-2.5 to 2.5	Pass
				30	3.91	-6.400	-0.0082	-2.5 to 2.5	Pass
				40	3.91	-1.000	-0.0013	-2.5 to 2.5	Pass
				50	3.91	-1.800	-0.0023	-2.5 to 2.5	Pass
	782	25	0	20	3.60	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.91	0.100	0.0001	-2.5 to 2.5	Pass
					4.50	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	-1.600	-0.0020	-2.5 to 2.5	Pass
				-20	3.91	-1.200	-0.0015	-2.5 to 2.5	Pass
				-10	3.91	0.500	0.0006	-2.5 to 2.5	Pass
				0	3.91	1.000	0.0013	-2.5 to 2.5	Pass
				10	3.91	-1.500	-0.0019	-2.5 to 2.5	Pass
				30	3.91	0.500	0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.400	-0.0005	-2.5 to 2.5	Pass
				50	3.91	-2.300	-0.0029	-2.5 to 2.5	Pass
	784.5	25	0	20	3.60	-4.100	-0.0052	-2.5 to 2.5	Pass
					3.91	-6.300	-0.0080	-2.5 to 2.5	Pass
					4.50	-1.500	-0.0019	-2.5 to 2.5	Pass
				-30	3.91	-5.800	-0.0074	-2.5 to 2.5	Pass
				-20	3.91	-4.500	-0.0057	-2.5 to 2.5	Pass
				-10	3.91	-2.200	-0.0028	-2.5 to 2.5	Pass
				0	3.91	-1.200	-0.0015	-2.5 to 2.5	Pass
				10	3.91	-2.700	-0.0034	-2.5 to 2.5	Pass
				30	3.91	-0.300	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-1.700	-0.0022	-2.5 to 2.5	Pass
				50	3.91	-2.300	-0.0029	-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	3.60	4.400	0.0056	-2.5 to 2.5	Pass
					3.91	2.000	0.0026	-2.5 to 2.5	Pass
					4.50	0.300	0.0004	-2.5 to 2.5	Pass
				-30	3.91	-1.600	-0.0020	-2.5 to 2.5	Pass
				-20	3.91	2.100	0.0027	-2.5 to 2.5	Pass
				-10	3.91	-2.800	-0.0036	-2.5 to 2.5	Pass
				0	3.91	-2.400	-0.0031	-2.5 to 2.5	Pass
				10	3.91	-6.800	-0.0087	-2.5 to 2.5	Pass
				30	3.91	-5.800	-0.0074	-2.5 to 2.5	Pass
				40	3.91	-4.200	-0.0054	-2.5 to 2.5	Pass

				50	3.91	1.100	0.0014	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.60	0.700	0.0009	-2.5 to 2.5	Pass
					3.91	-3.700	-0.0047	-2.5 to 2.5	Pass
					4.50	0.200	0.0003	-2.5 to 2.5	Pass
					-30	3.91	-1.100	-0.0014	-2.5 to 2.5
				-20	3.91	-4.600	-0.0059	-2.5 to 2.5	Pass
				-10	3.91	3.600	0.0046	-2.5 to 2.5	Pass
				0	3.91	3.000	0.0038	-2.5 to 2.5	Pass
				10	3.91	-1.800	-0.0023	-2.5 to 2.5	Pass
				30	3.91	1.700	0.0022	-2.5 to 2.5	Pass
				40	3.91	-3.100	-0.0040	-2.5 to 2.5	Pass
50	3.91	-2.000	-0.0026	-2.5 to 2.5	Pass				
64QAM	782	50	0	20	3.60	-2.400	-0.0031	-2.5 to 2.5	Pass
					3.91	-2.200	-0.0028	-2.5 to 2.5	Pass
					4.50	2.000	0.0026	-2.5 to 2.5	Pass
					-30	3.91	-0.400	-0.0005	-2.5 to 2.5
				-20	3.91	-1.300	-0.0017	-2.5 to 2.5	Pass
				-10	3.91	-0.400	-0.0005	-2.5 to 2.5	Pass
				0	3.91	-3.500	-0.0045	-2.5 to 2.5	Pass
				10	3.91	-1.300	-0.0017	-2.5 to 2.5	Pass
				30	3.91	-2.300	-0.0029	-2.5 to 2.5	Pass
				40	3.91	-2.800	-0.0036	-2.5 to 2.5	Pass
50	3.91	-5.200	-0.0066	-2.5 to 2.5	Pass				
256QAM	782	50	0	20	3.60	-0.900	-0.0012	-2.5 to 2.5	Pass
					3.91	-1.000	-0.0013	-2.5 to 2.5	Pass
					4.50	-3.200	-0.0041	-2.5 to 2.5	Pass
					-30	3.91	-2.900	-0.0037	-2.5 to 2.5
				-20	3.91	-2.200	-0.0028	-2.5 to 2.5	Pass
				-10	3.91	-2.600	-0.0033	-2.5 to 2.5	Pass
				0	3.91	-3.800	-0.0049	-2.5 to 2.5	Pass
				10	3.91	-3.800	-0.0049	-2.5 to 2.5	Pass
				30	3.91	-4.800	-0.0061	-2.5 to 2.5	Pass
				40	3.91	-5.000	-0.0064	-2.5 to 2.5	Pass
50	3.91	-0.600	-0.0008	-2.5 to 2.5	Pass				

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band13_OBW

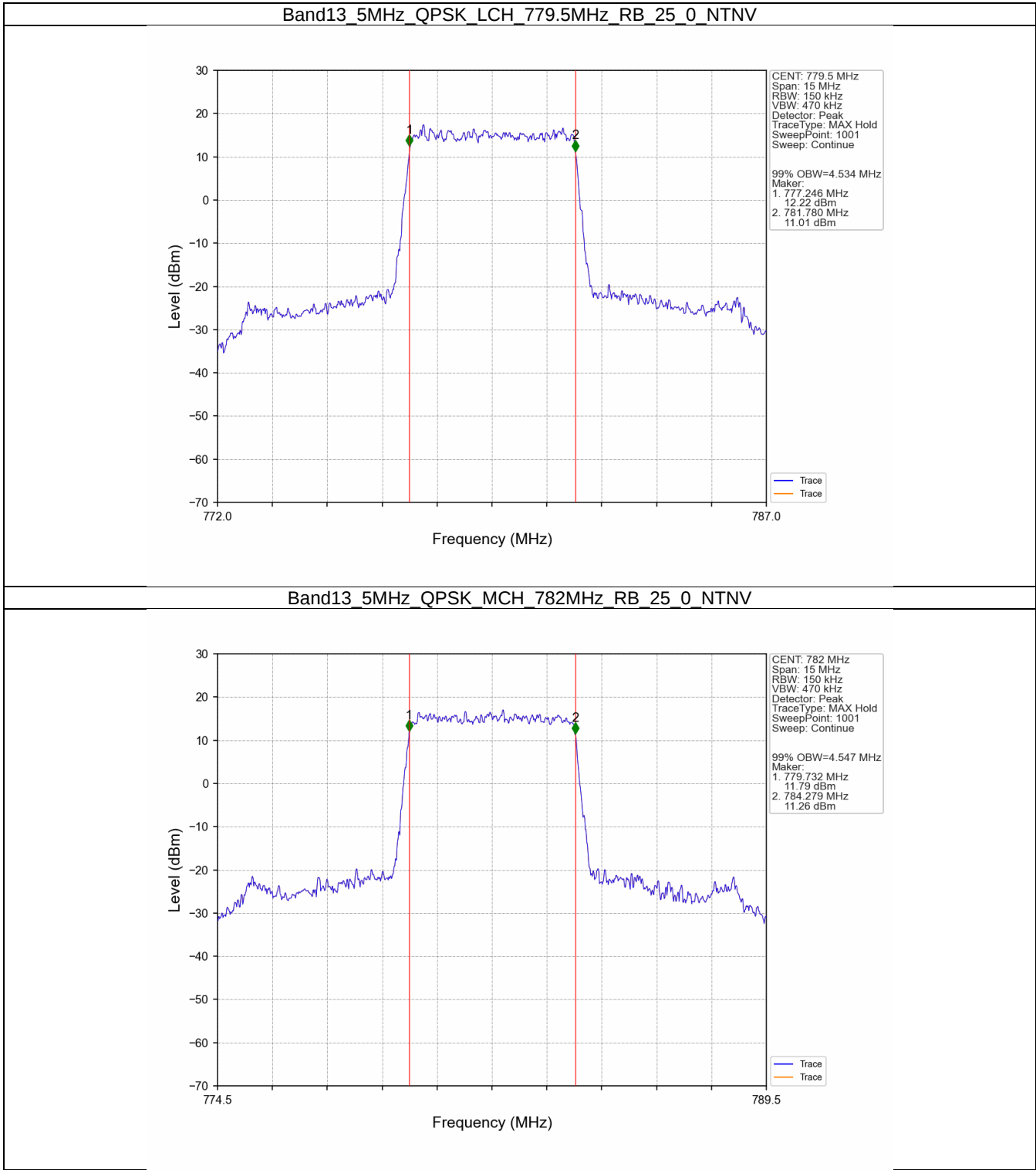
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.534	/	Pass
		782	25	0	4.547	/	Pass
		784.5	25	0	4.545	/	Pass
	16QAM	779.5	25	0	4.541	/	Pass
		782	25	0	4.533	/	Pass
		784.5	25	0	4.527	/	Pass
	64QAM	779.5	25	0	4.526	/	Pass
		782	25	0	4.537	/	Pass
		784.5	25	0	4.537	/	Pass
	256QAM	779.5	25	0	4.517	/	Pass
		782	25	0	4.513	/	Pass
		784.5	25	0	4.522	/	Pass
10	QPSK	782	50	0	9.042	/	Pass
	16QAM	782	50	0	9.011	/	Pass
	64QAM	782	50	0	9.051	/	Pass
	256QAM	782	50	0	9.008	/	Pass

3.1.2 Band13_XDB

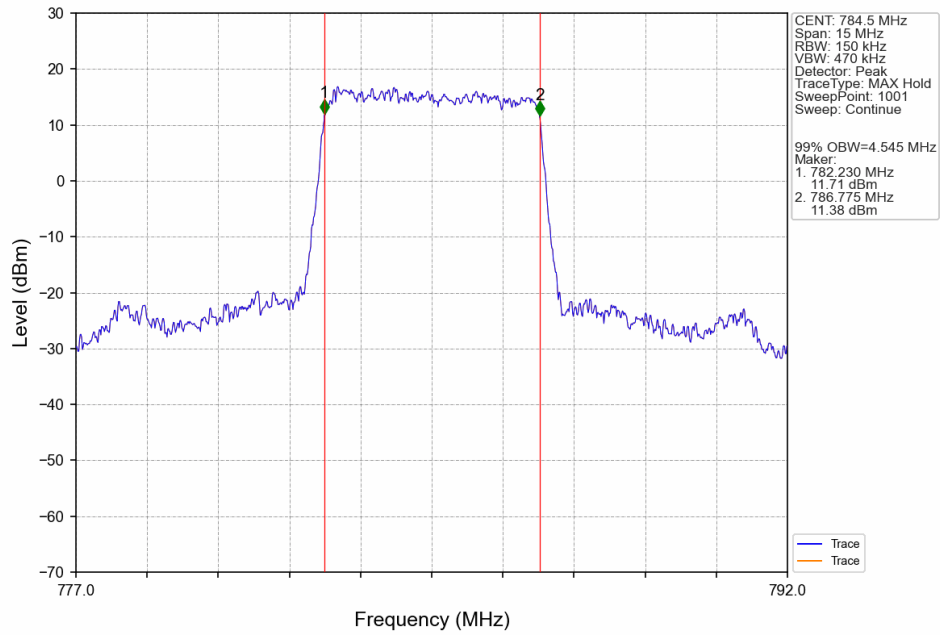
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.995	/	Pass
		782	25	0	5.049	/	Pass
		784.5	25	0	5.041	/	Pass
	16QAM	779.5	25	0	5.008	/	Pass
		782	25	0	5.018	/	Pass
		784.5	25	0	5.026	/	Pass
	64QAM	779.5	25	0	5.016	/	Pass
		782	25	0	4.996	/	Pass
		784.5	25	0	5.037	/	Pass
	256QAM	779.5	25	0	4.992	/	Pass
		782	25	0	5.010	/	Pass
		784.5	25	0	5.056	/	Pass
10	QPSK	782	50	0	9.852	/	Pass
	16QAM	782	50	0	9.900	/	Pass
	64QAM	782	50	0	9.899	/	Pass
	256QAM	782	50	0	9.872	/	Pass

3.2 Test Graph

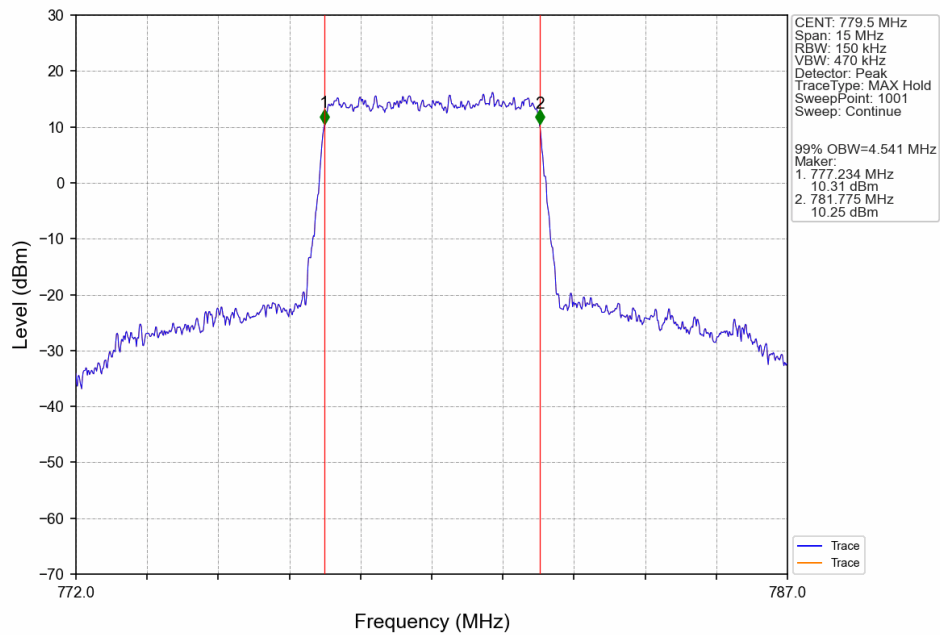
3.2.1 Band13_OBW



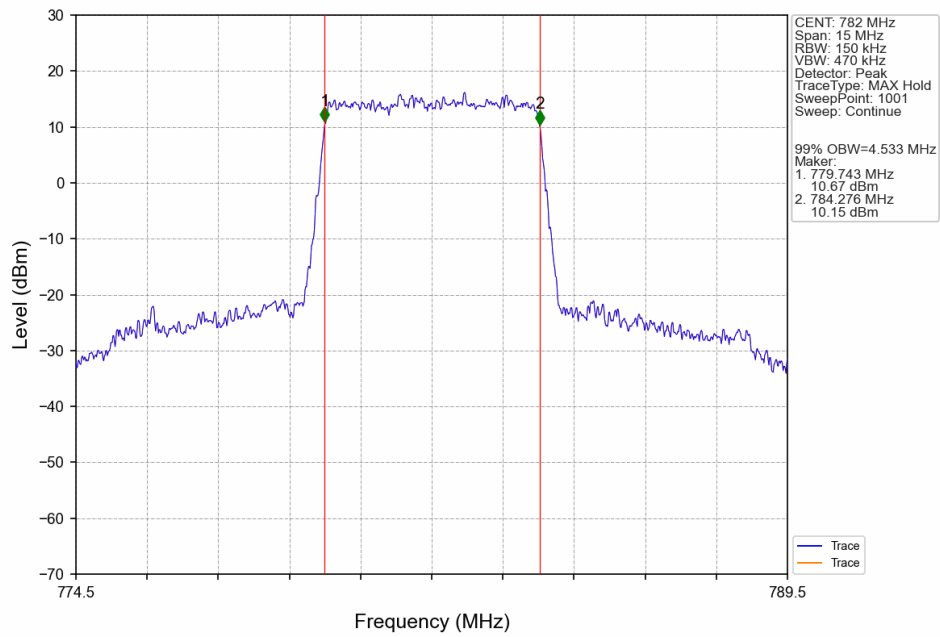
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



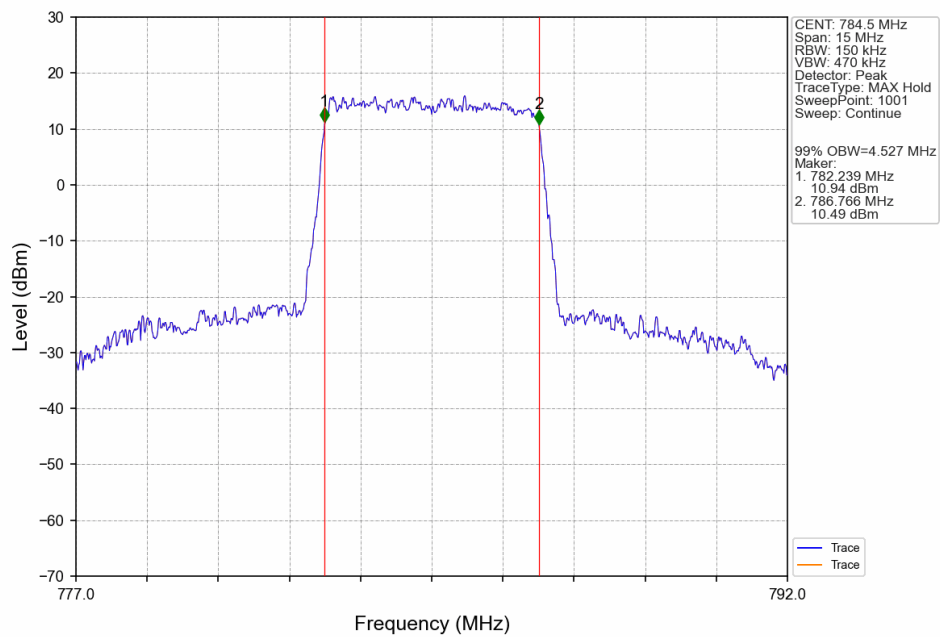
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



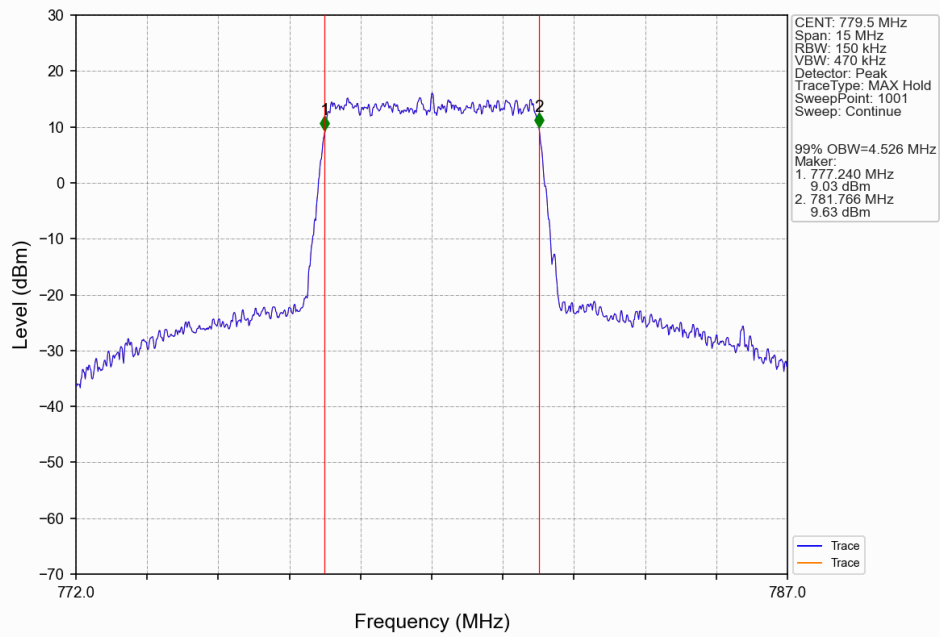
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



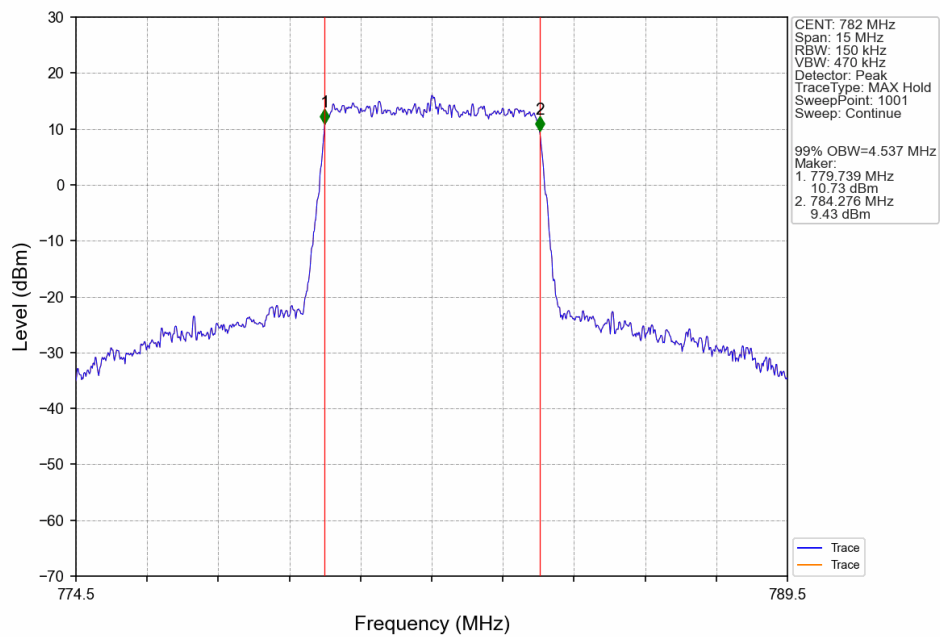
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



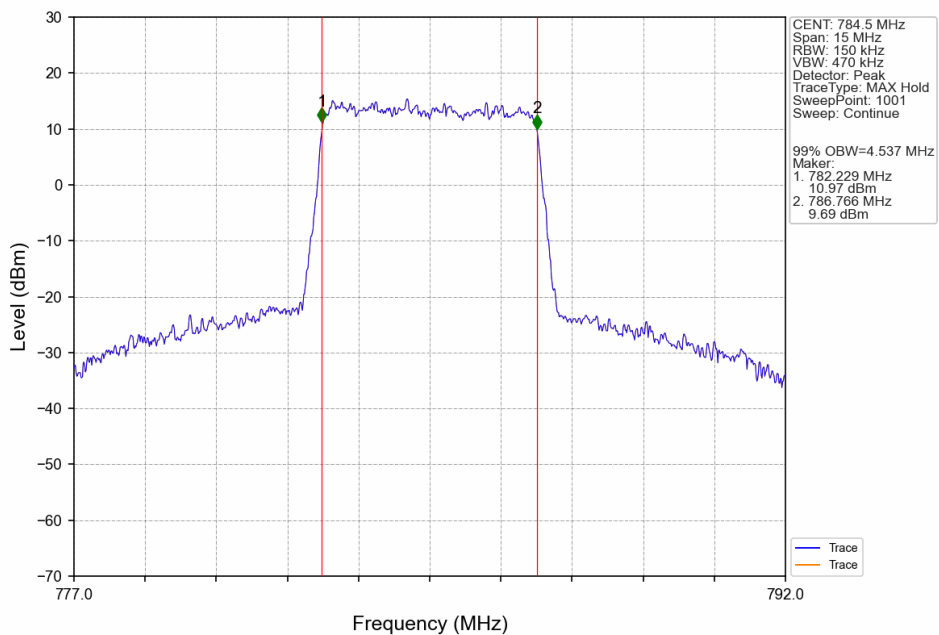
Band13 5MHz 64QAM LCH 779.5MHz RB 25 0 NTNV



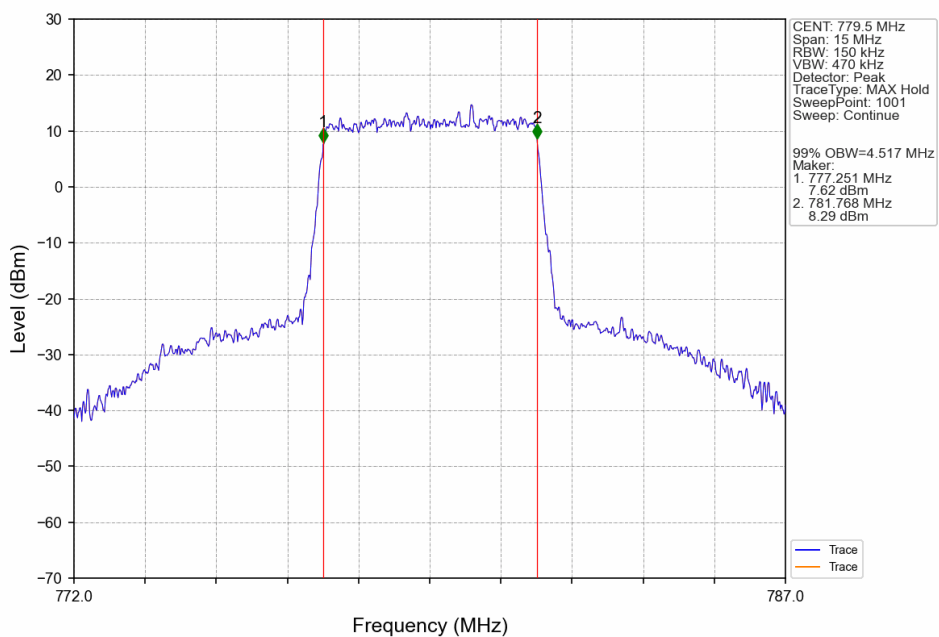
Band13 5MHz 64QAM MCH 782MHz RB 25 0 NTNV



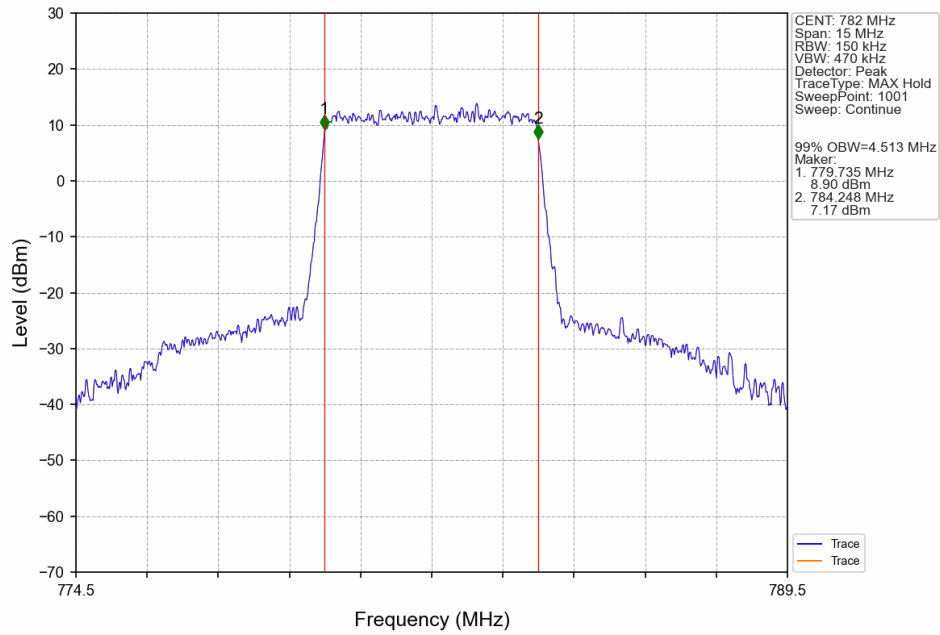
Band13 5MHz 64QAM HCH 784.5MHz RB 25 0 NTNV



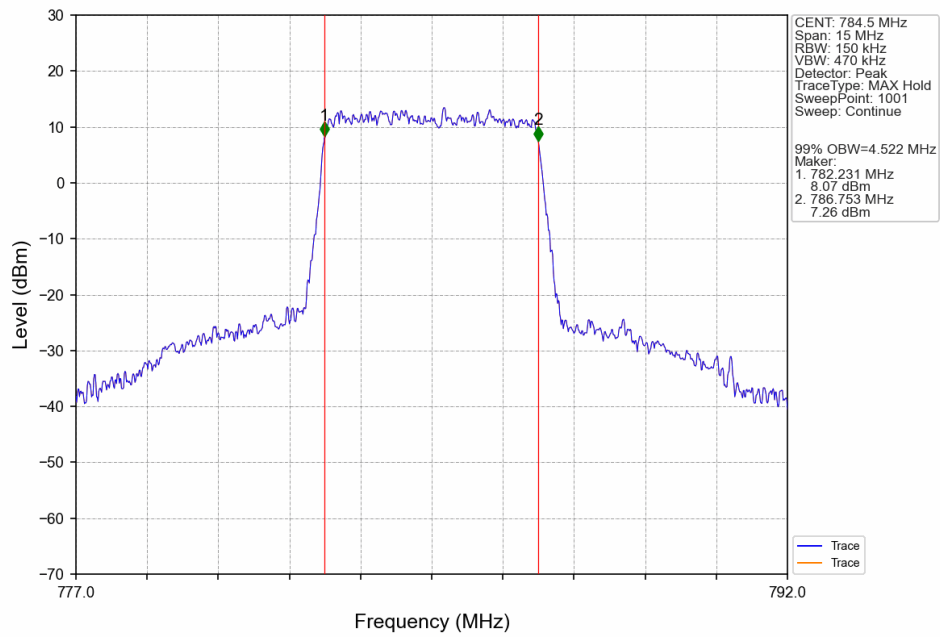
Band13 5MHz 256QAM LCH 779.5MHz RB 25 0 NTNV



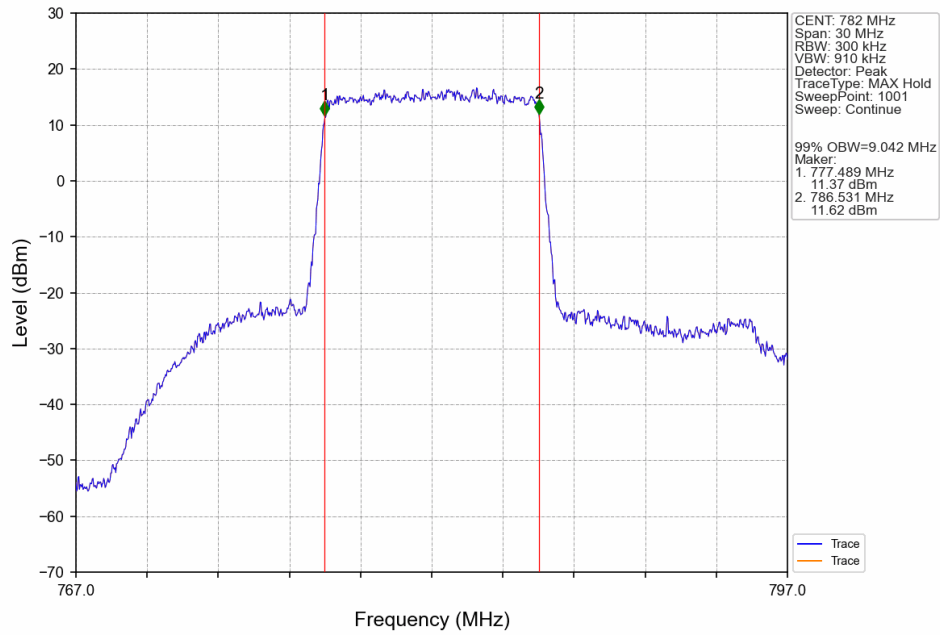
Band13 5MHz 256QAM MCH 782MHz RB 25 0 NTNV



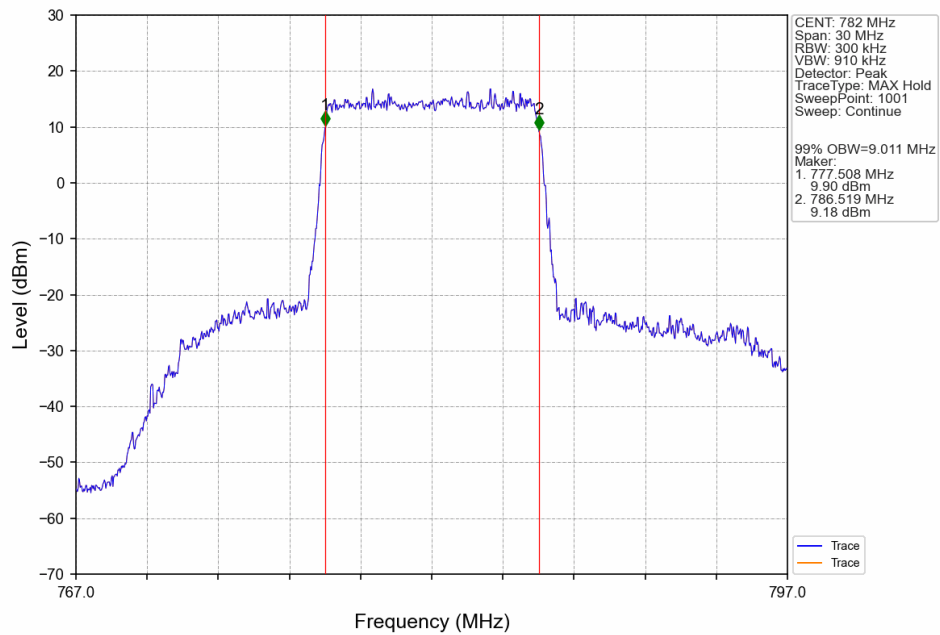
Band13 5MHz 256QAM HCH 784.5MHz RB 25 0 NTNV



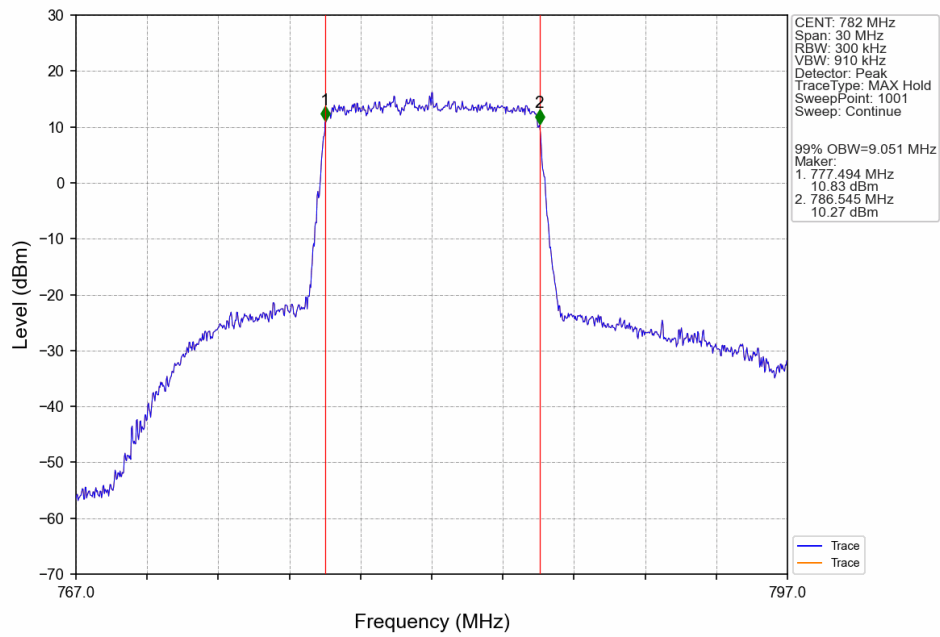
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTNV



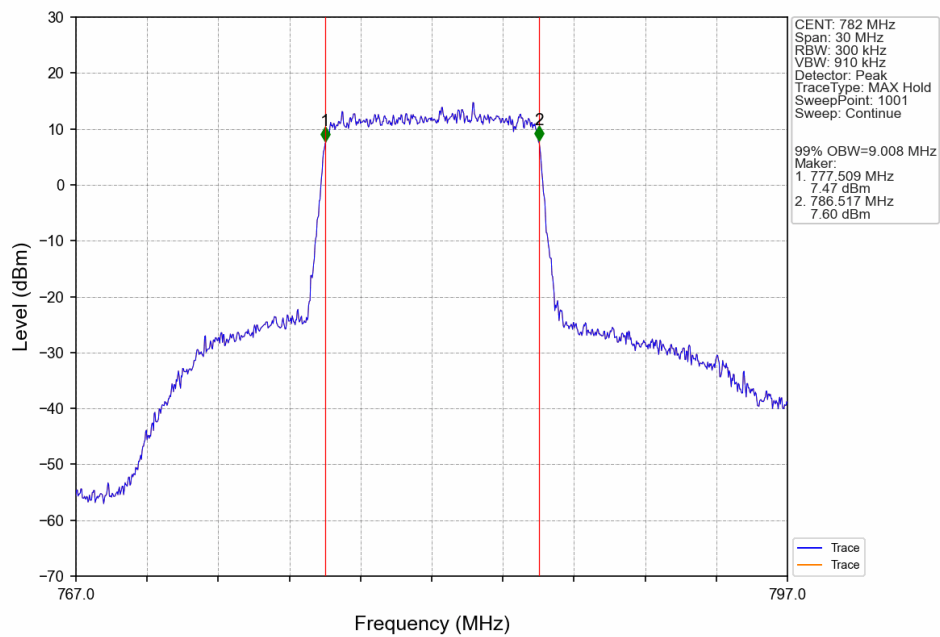
Band13 10MHz 16QAM MCH 782MHz RB 50 0 NTNV



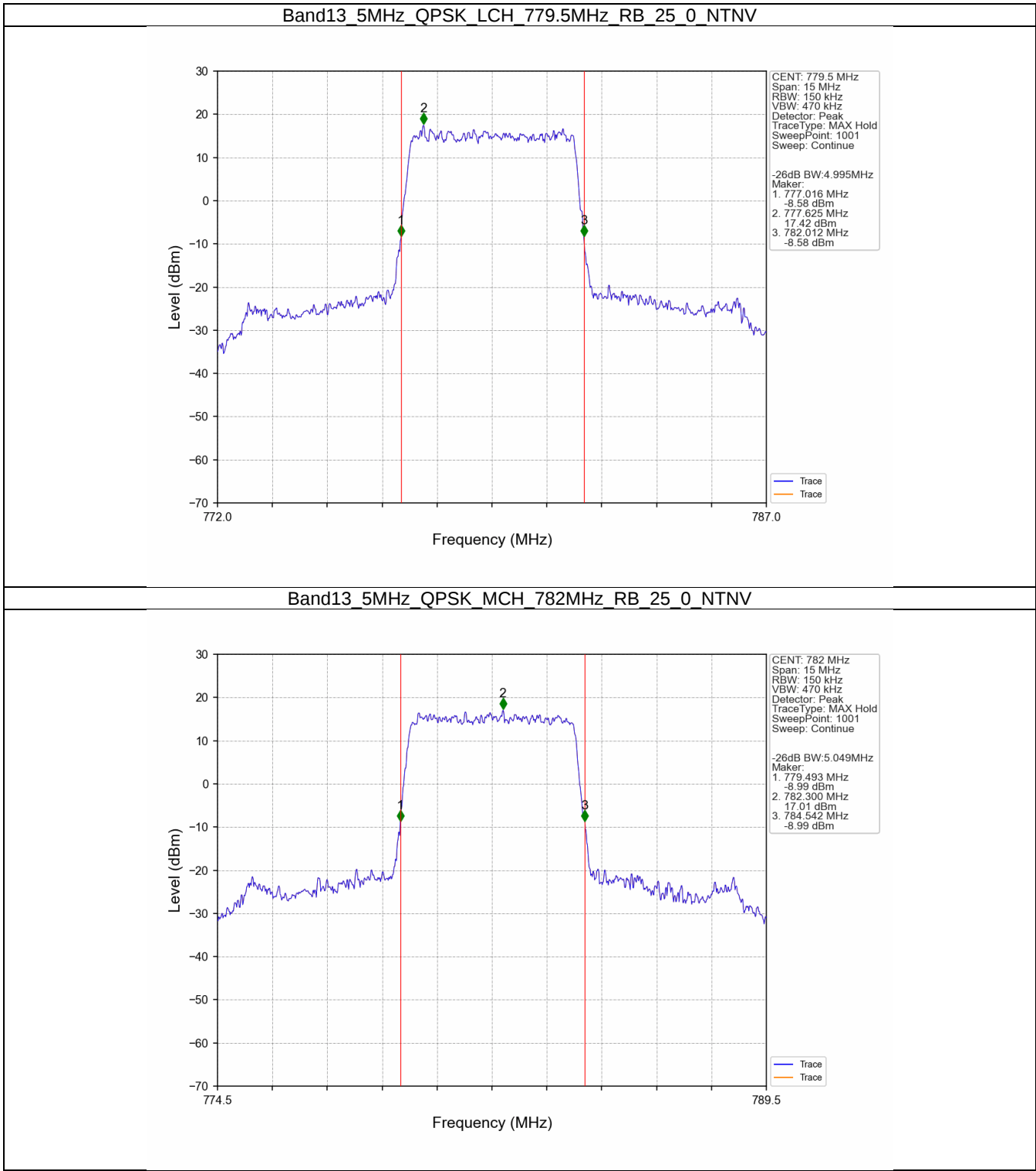
Band13 10MHz 64QAM MCH 782MHz RB 50 0 NTNV



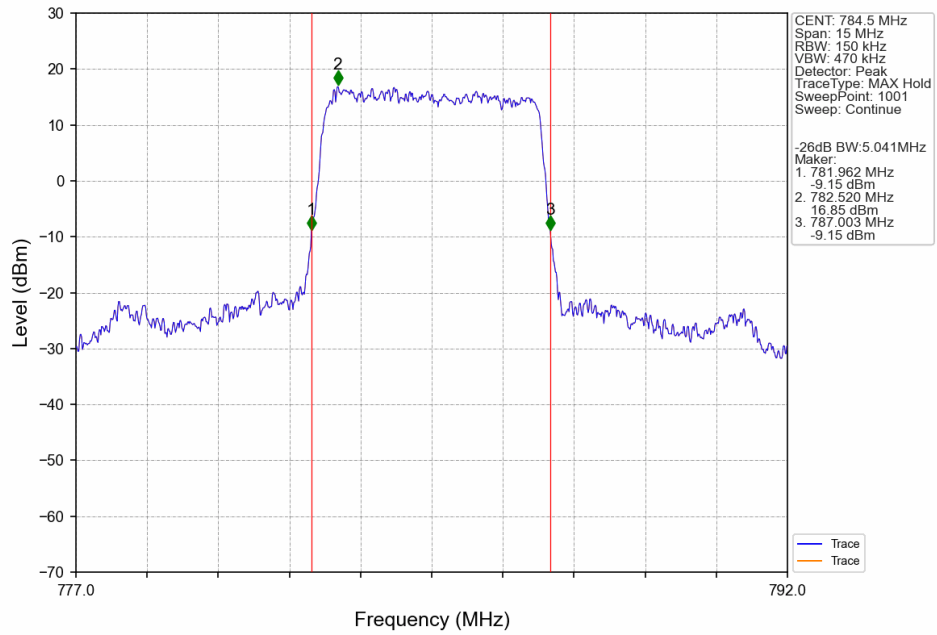
Band13 10MHz 256QAM MCH 782MHz RB 50 0 NTNV



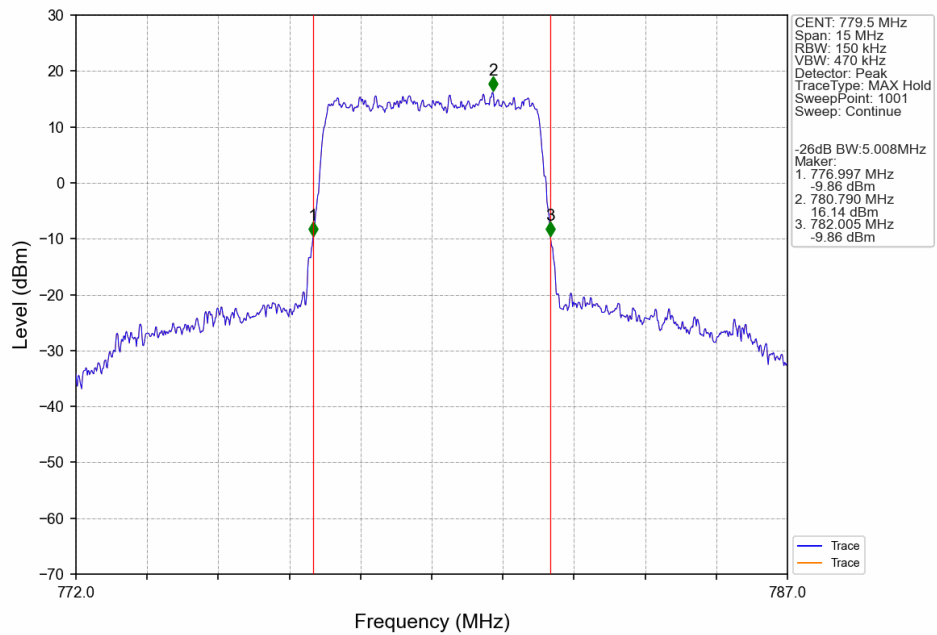
3.2.2 Band13_XDB



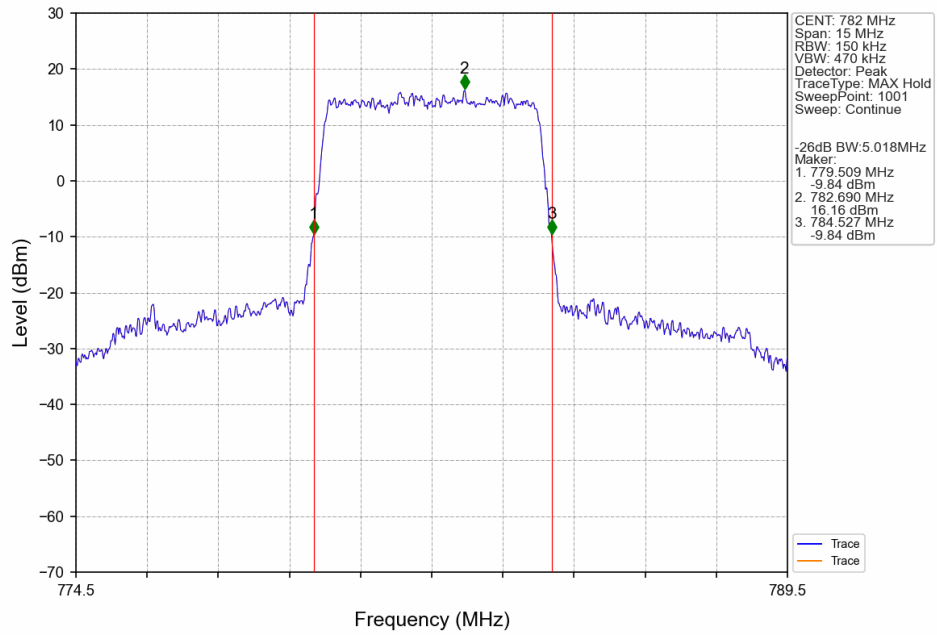
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



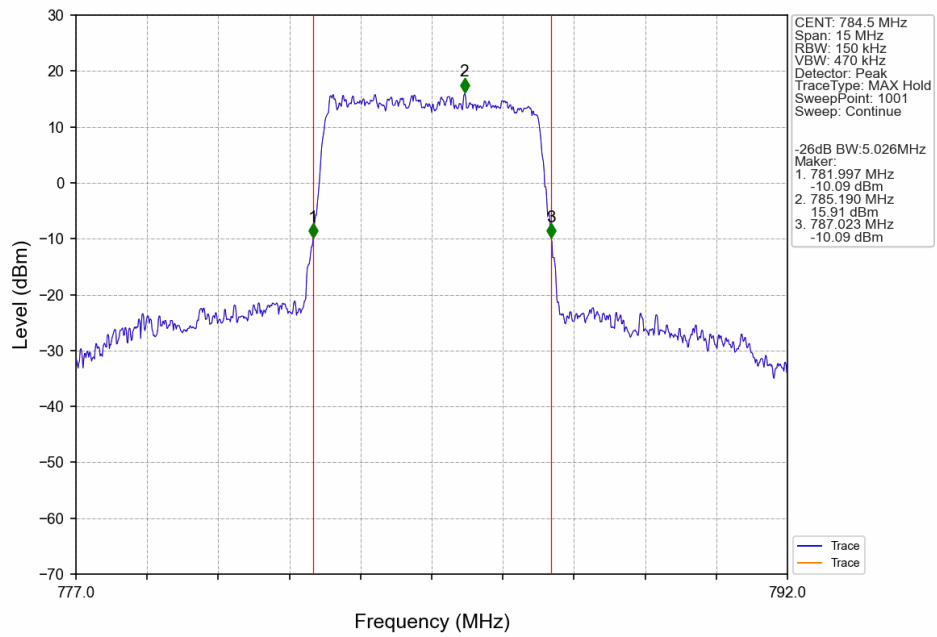
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



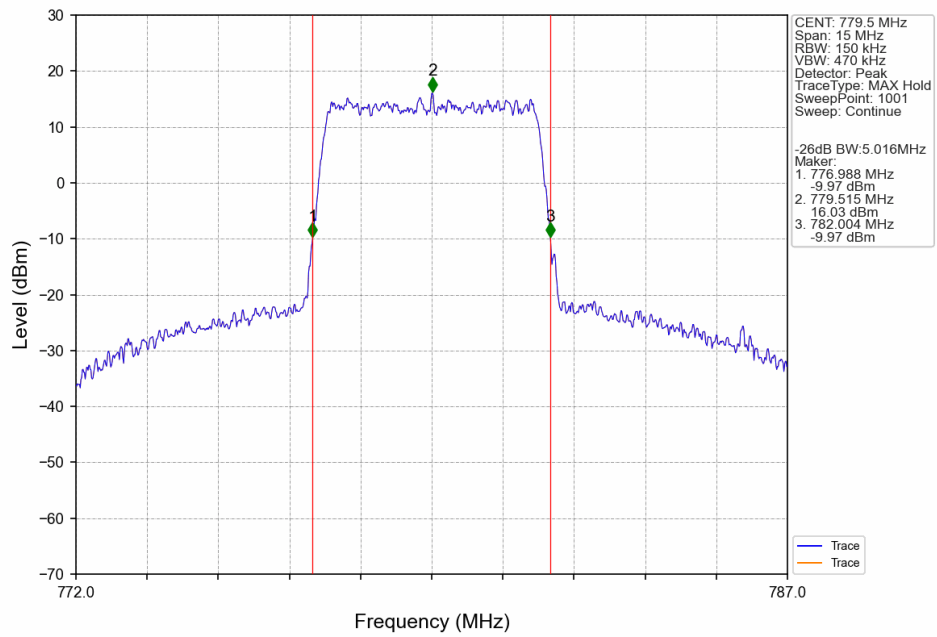
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



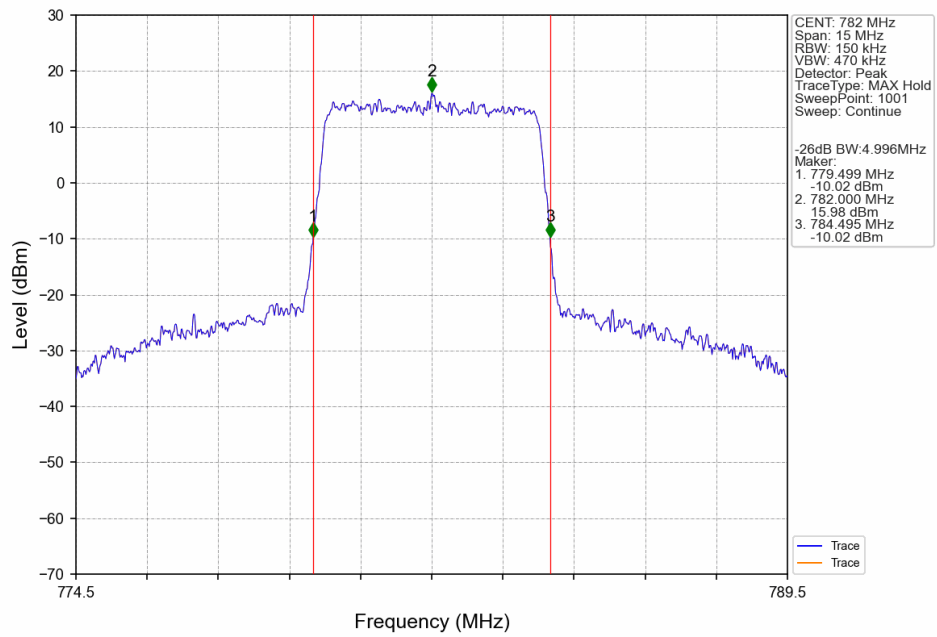
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



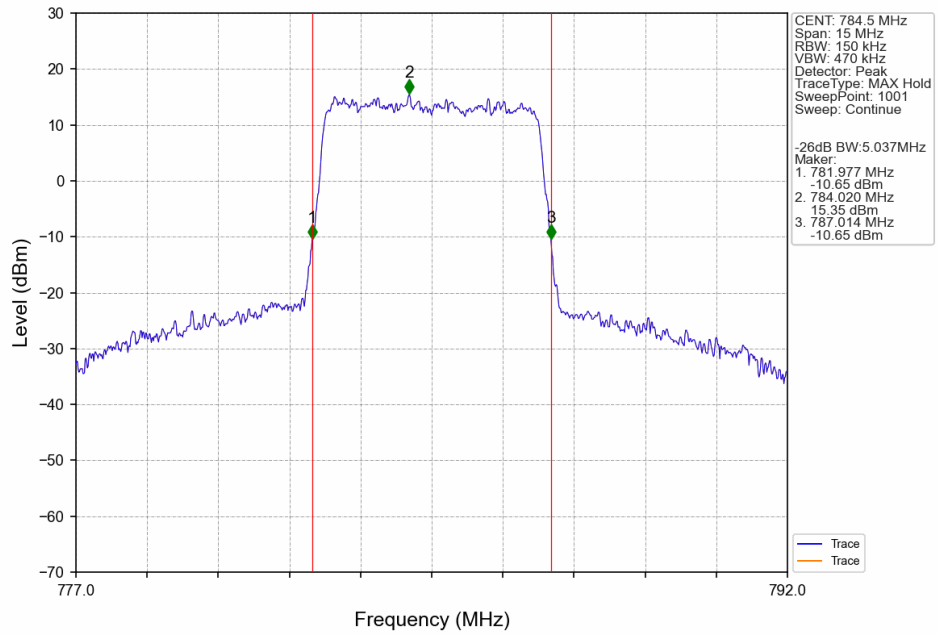
Band13 5MHz 64QAM LCH 779.5MHz RB 25 0 NTNV



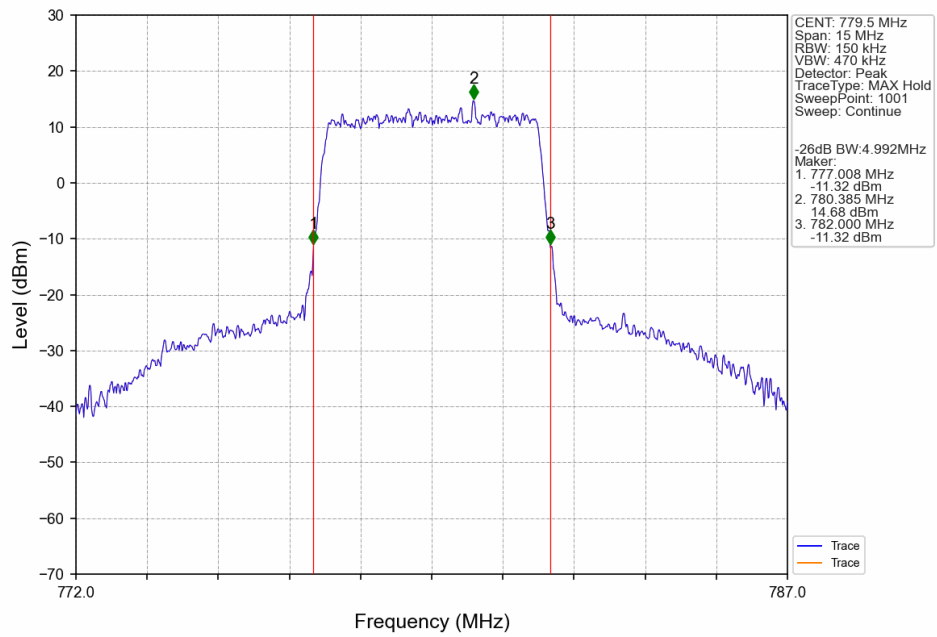
Band13 5MHz 64QAM MCH 782MHz RB 25 0 NTNV



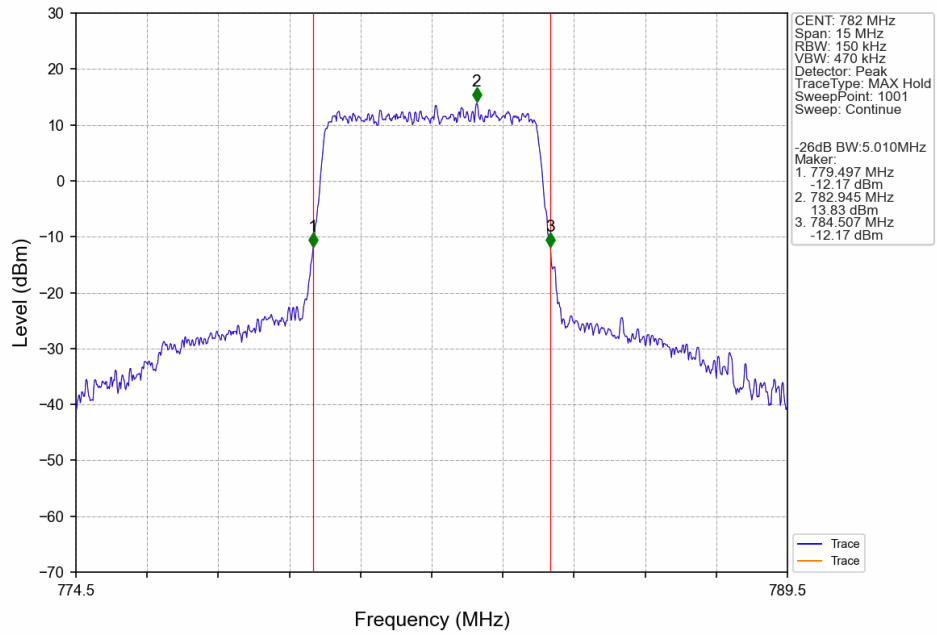
Band13 5MHz 64QAM HCH 784.5MHz RB 25 0 NTNV



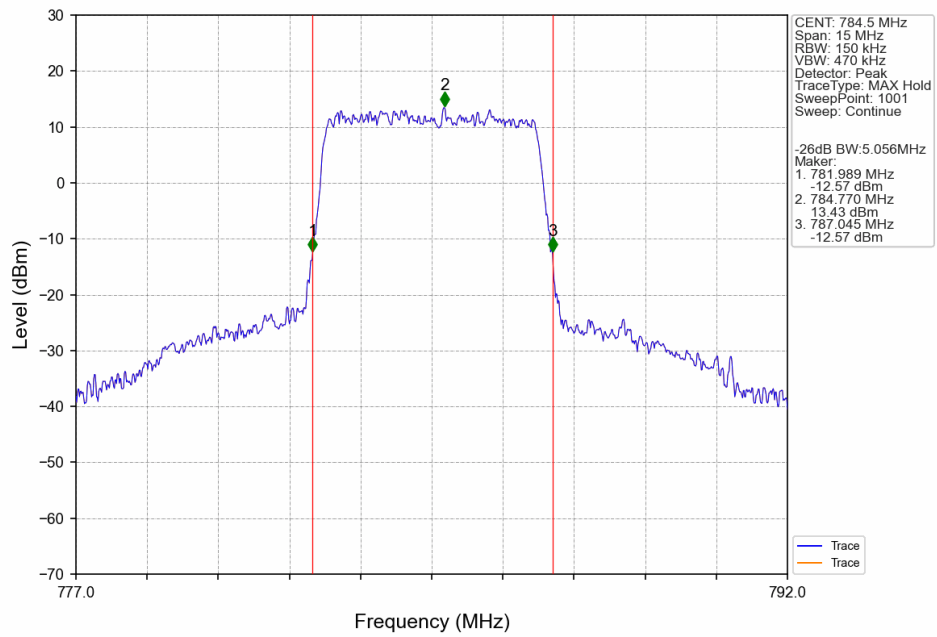
Band13 5MHz 256QAM LCH 779.5MHz RB 25 0 NTNV



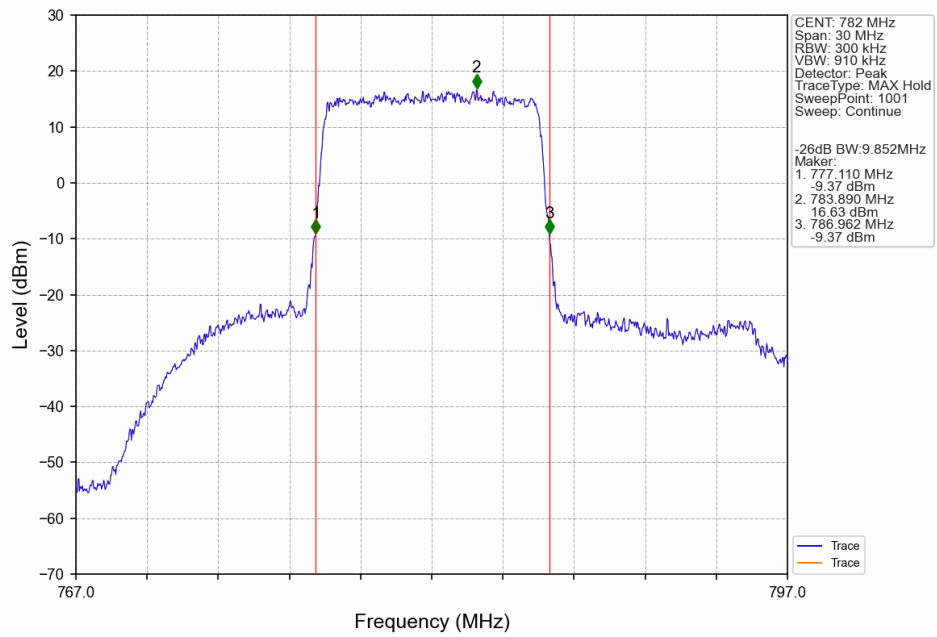
Band13 5MHz 256QAM MCH 782MHz RB 25 0 NTNV



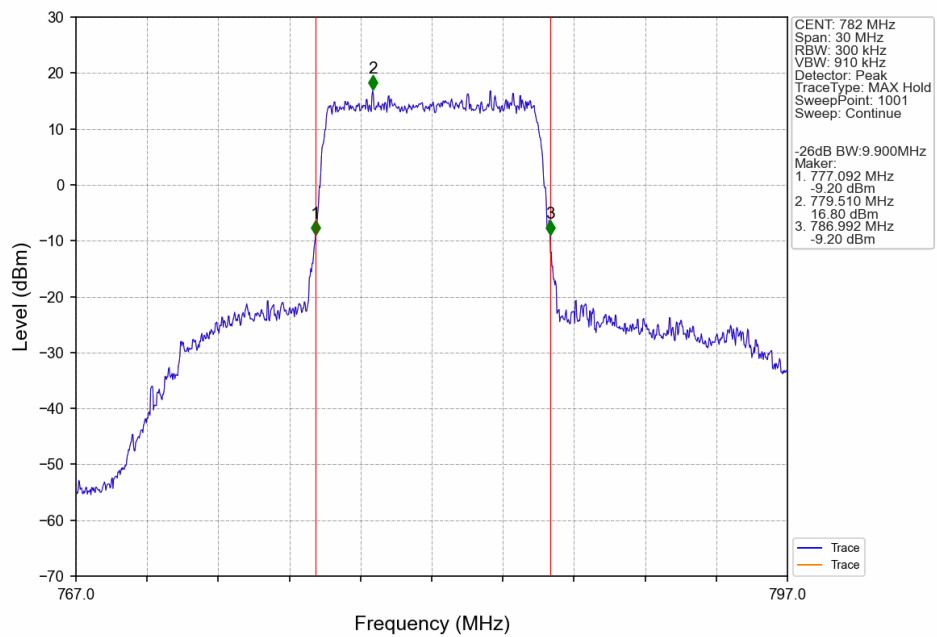
Band13 5MHz 256QAM HCH 784.5MHz RB 25 0 NTNV



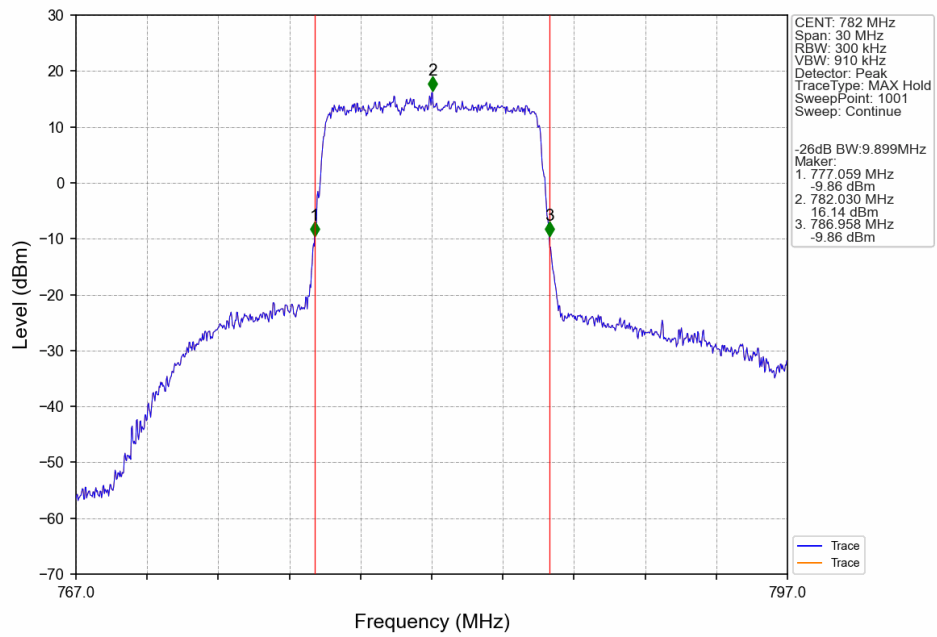
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTNV



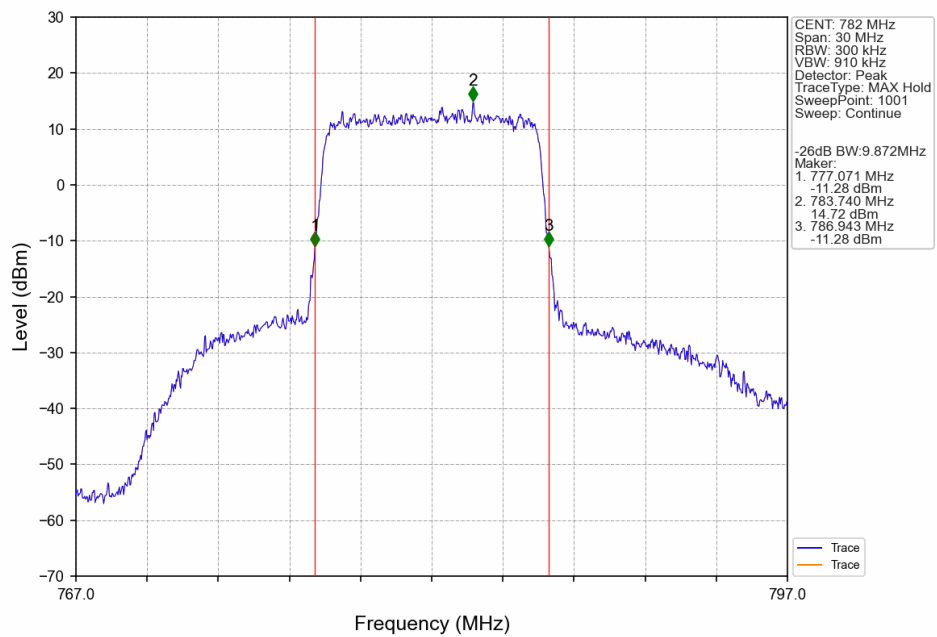
Band13 10MHz 16QAM MCH 782MHz RB 50 0 NTNV



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

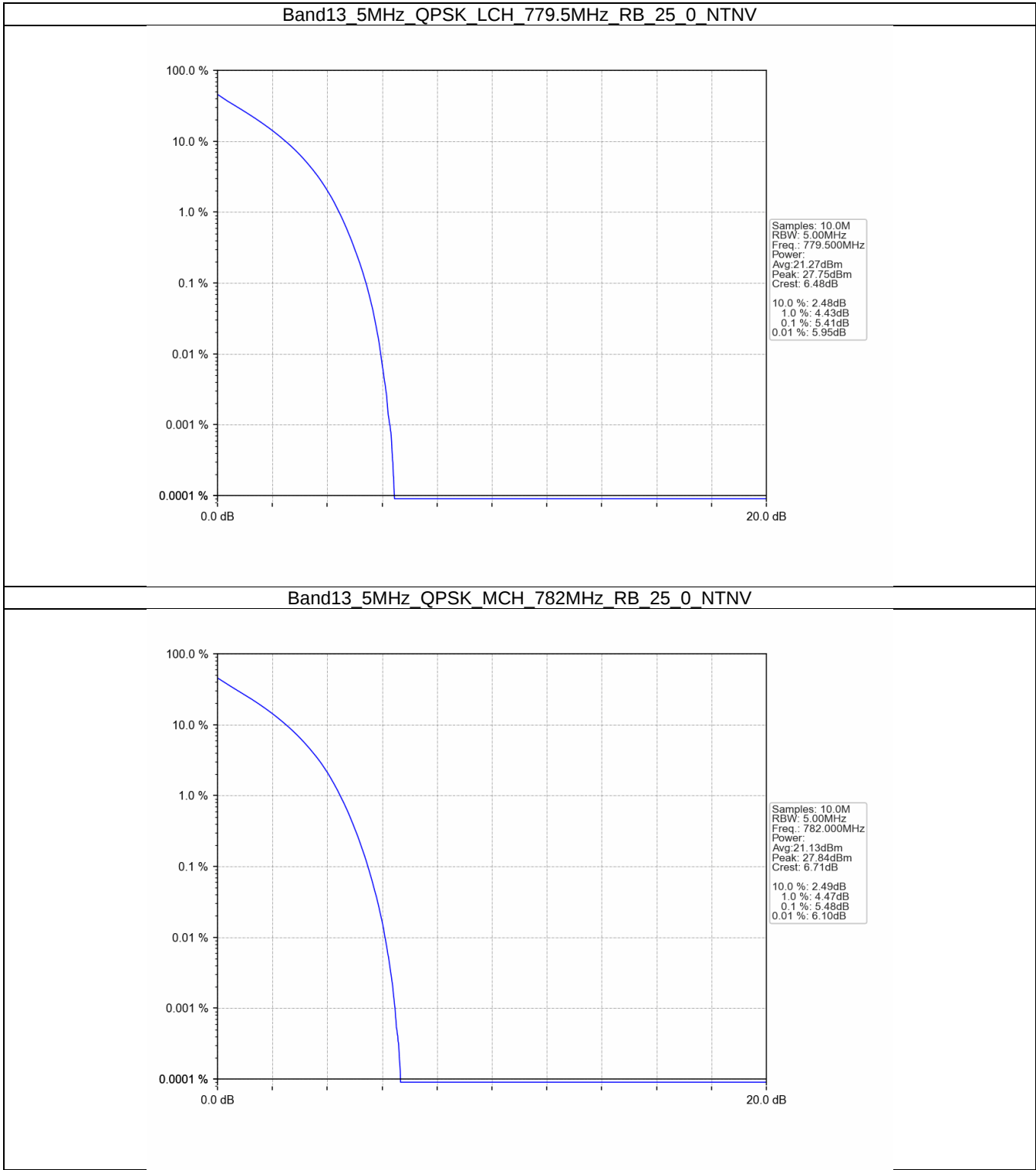
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.41	<=13	Pass
	782	25	0	5.48	<=13	Pass
	784.5	25	0	5.50	<=13	Pass
16QAM	779.5	25	0	6.16	<=13	Pass
	782	25	0	6.09	<=13	Pass
	784.5	25	0	6.18	<=13	Pass
64QAM	779.5	25	0	6.55	<=13	Pass
	782	25	0	6.52	<=13	Pass
	784.5	25	0	6.55	<=13	Pass
256QAM	779.5	25	0	6.90	<=13	Pass
	782	25	0	6.85	<=13	Pass
	784.5	25	0	6.85	<=13	Pass

4.1.2 B13_10MHz

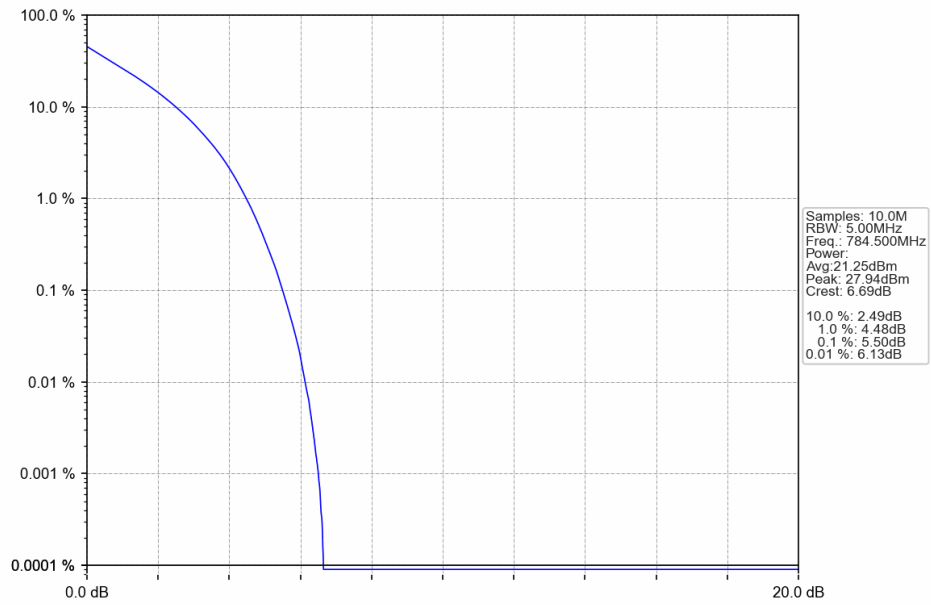
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.51	<=13	Pass
16QAM	782	50	0	6.18	<=13	Pass
64QAM	782	50	0	6.53	<=13	Pass
256QAM	782	50	0	6.83	<=13	Pass

4.2 Test Graph

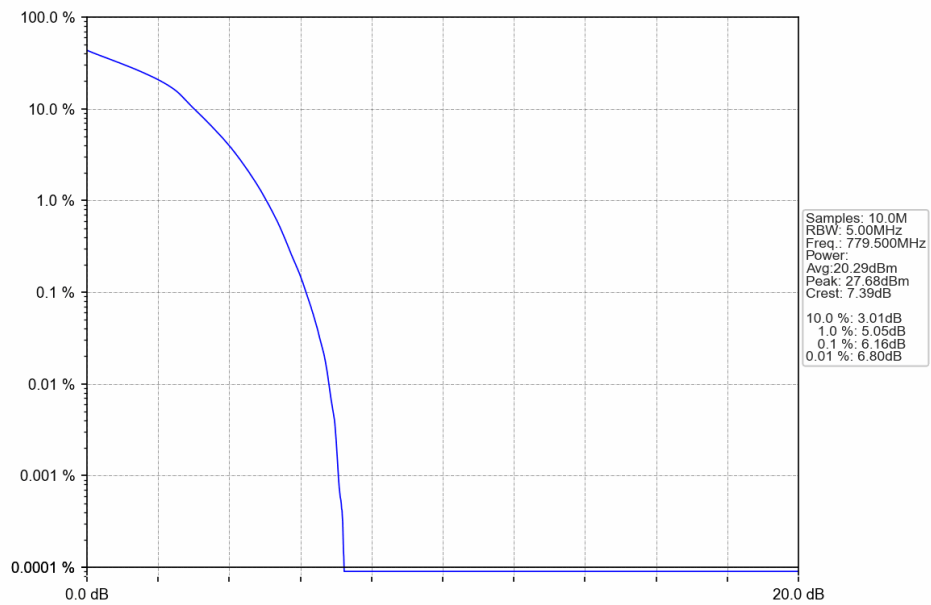
4.2.1 B13_5MHz



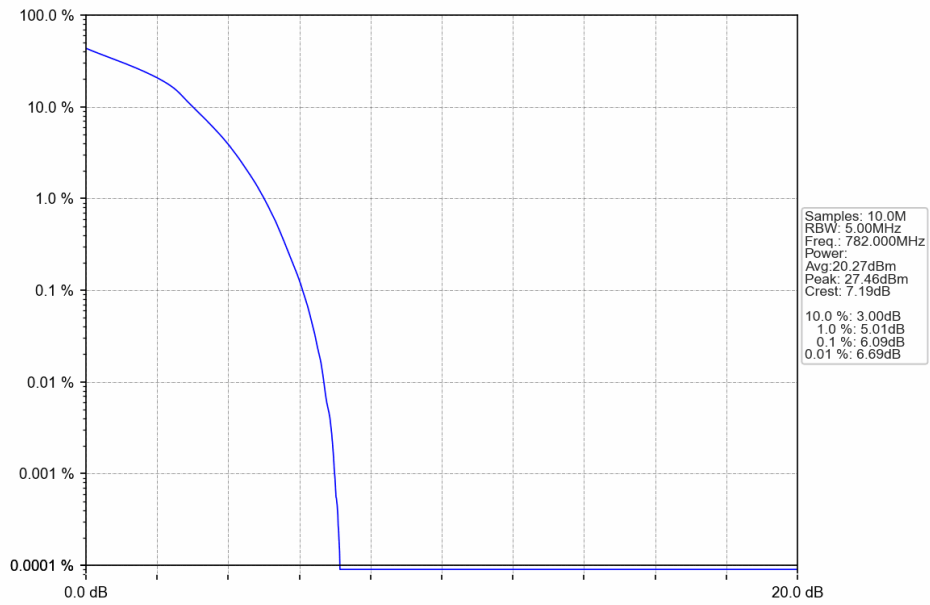
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



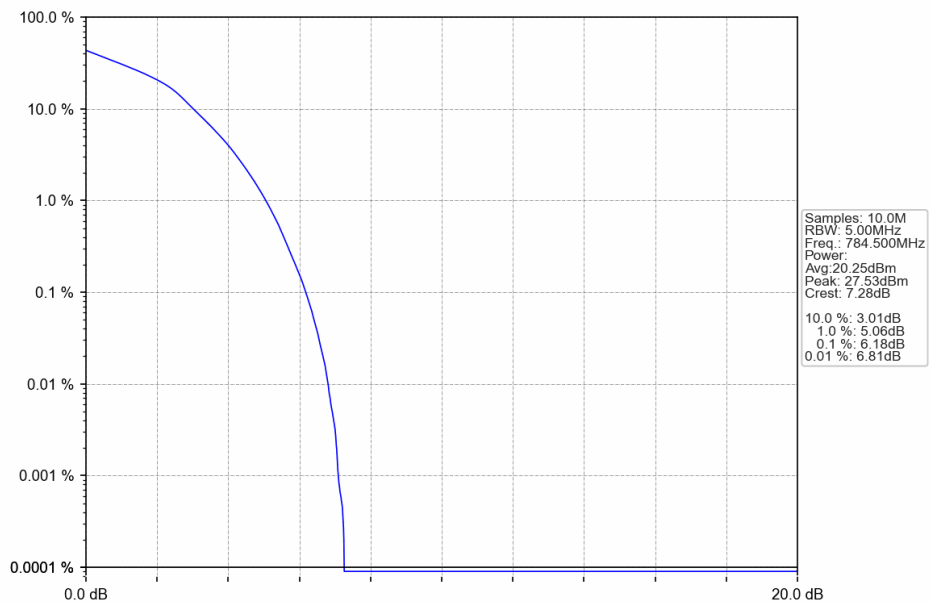
Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTNV



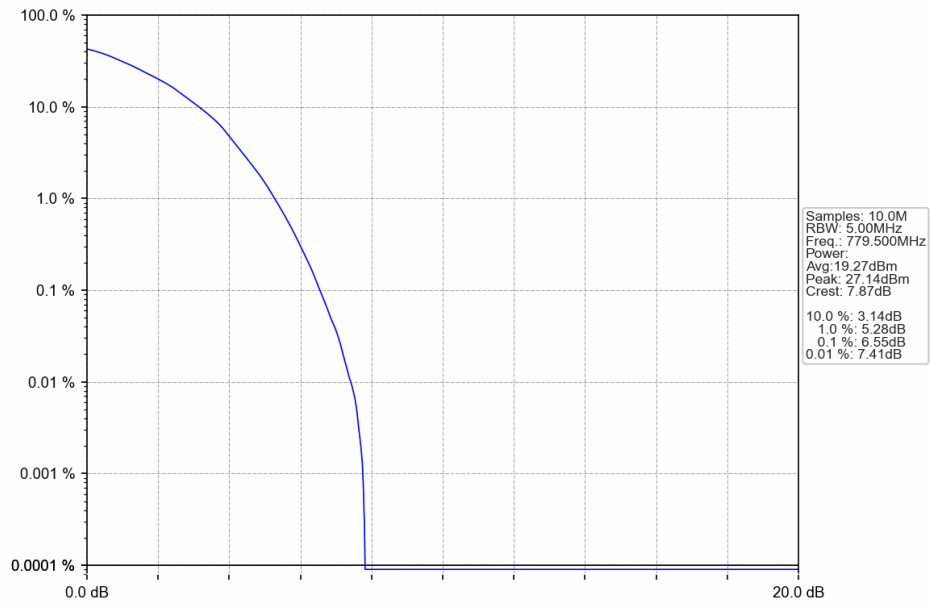
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



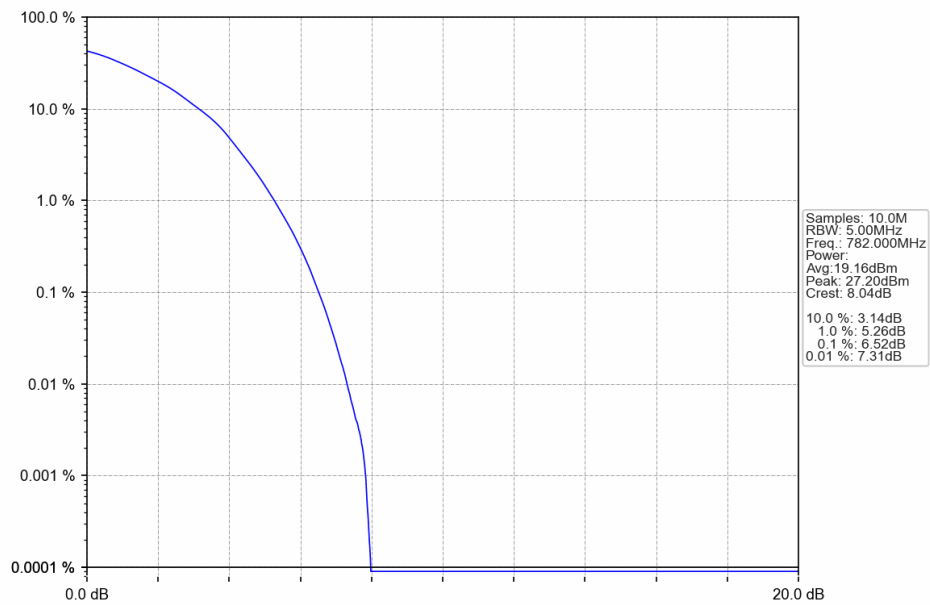
Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



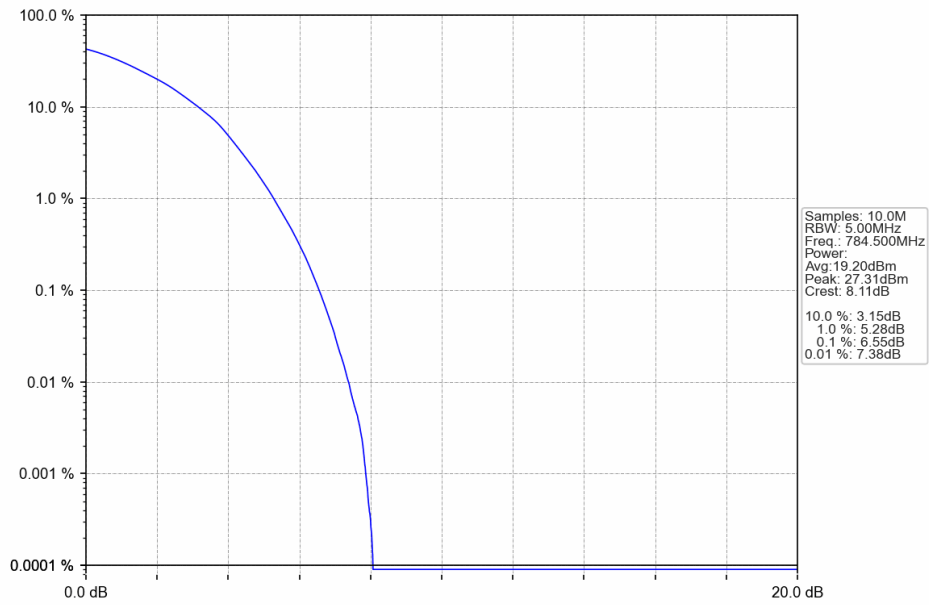
Band13 5MHz 64QAM LCH 779.5MHz RB 25 0 NTNV



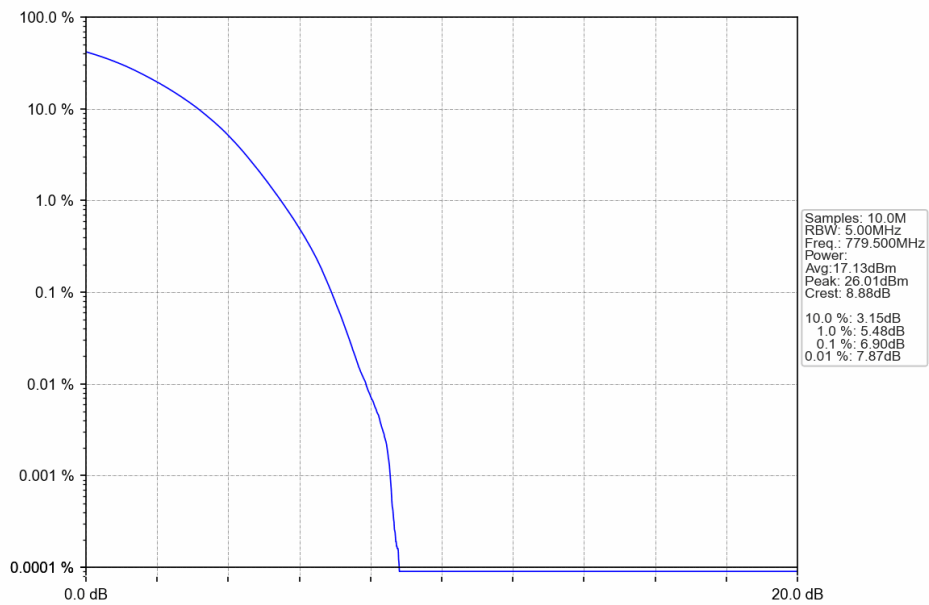
Band13 5MHz 64QAM MCH 782MHz RB 25 0 NTNV



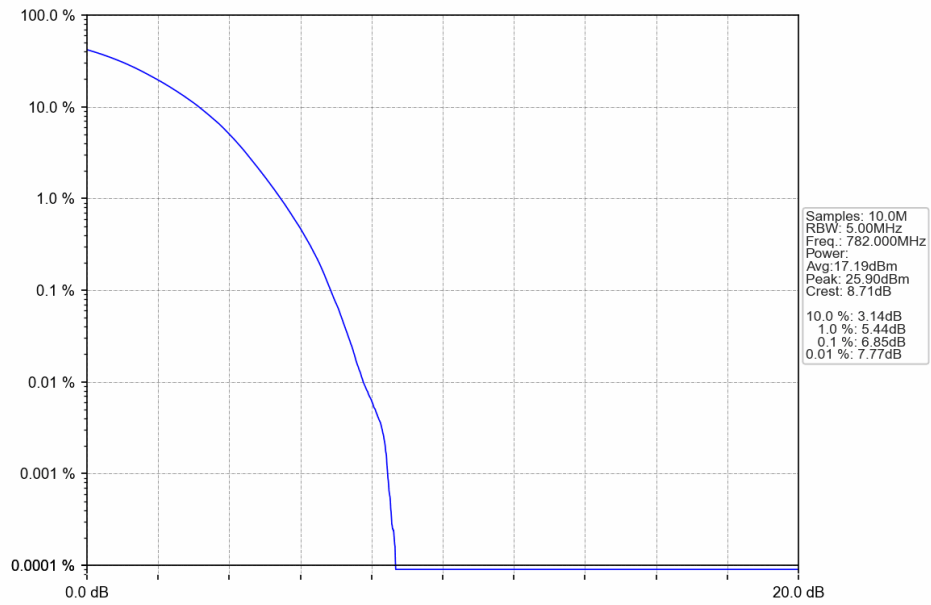
Band13 5MHz 64QAM HCH 784.5MHz RB 25 0 NTNV



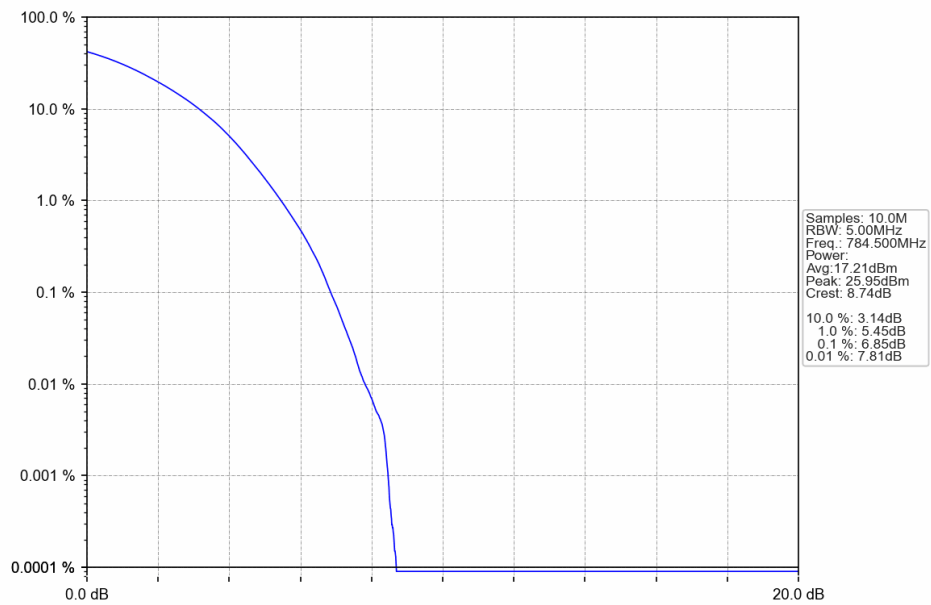
Band13 5MHz 256QAM LCH 779.5MHz RB 25 0 NTNV



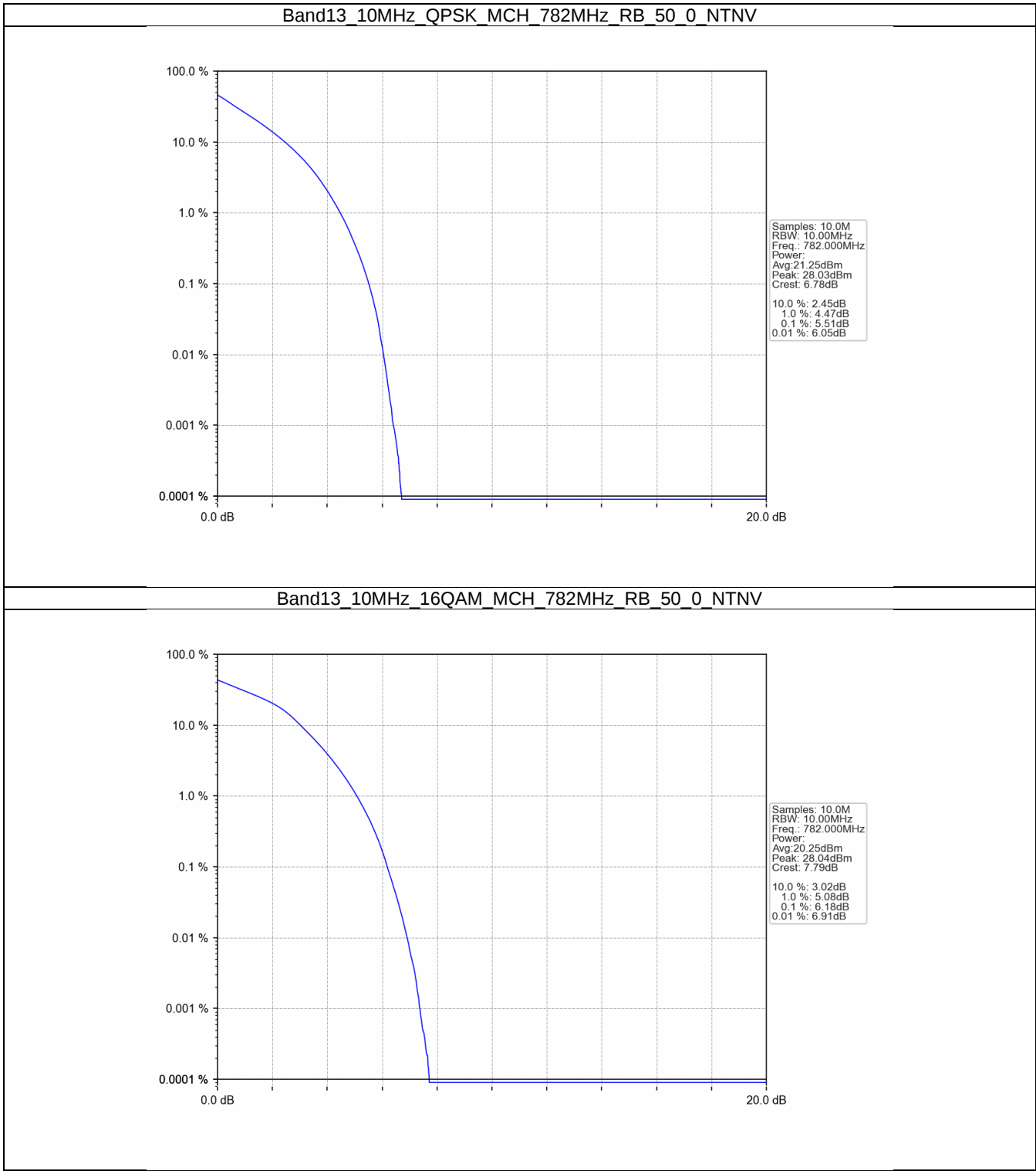
Band13 5MHz 256QAM MCH 782MHz RB 25 0 NTNV



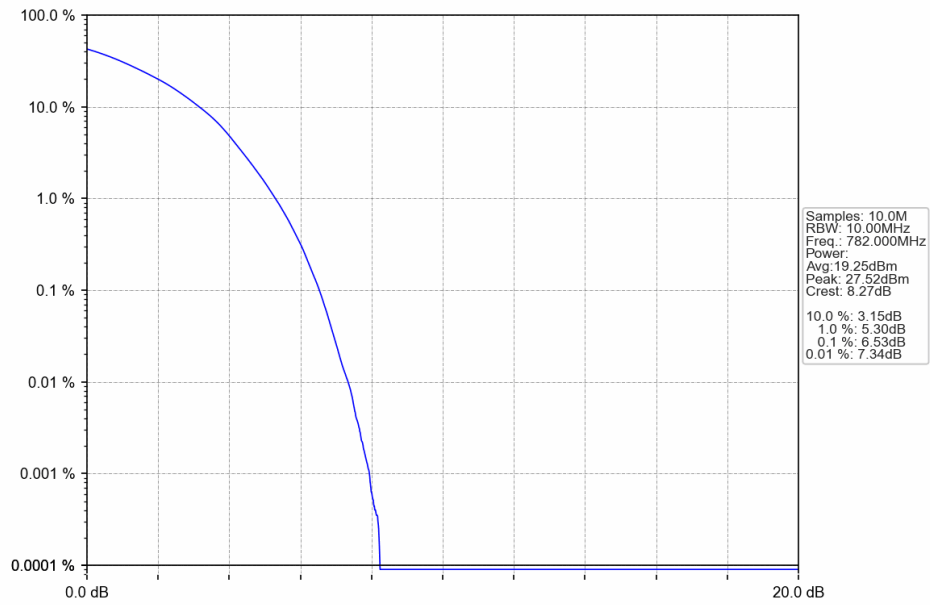
Band13 5MHz 256QAM HCH 784.5MHz RB 25 0 NTNV



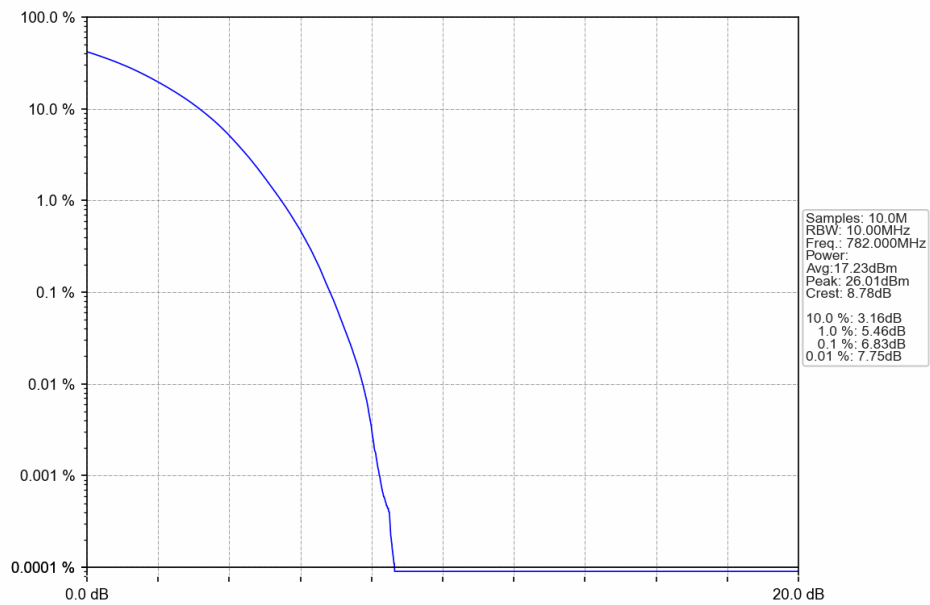
4.2.2 B13_10MHz



Band13 10MHz 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

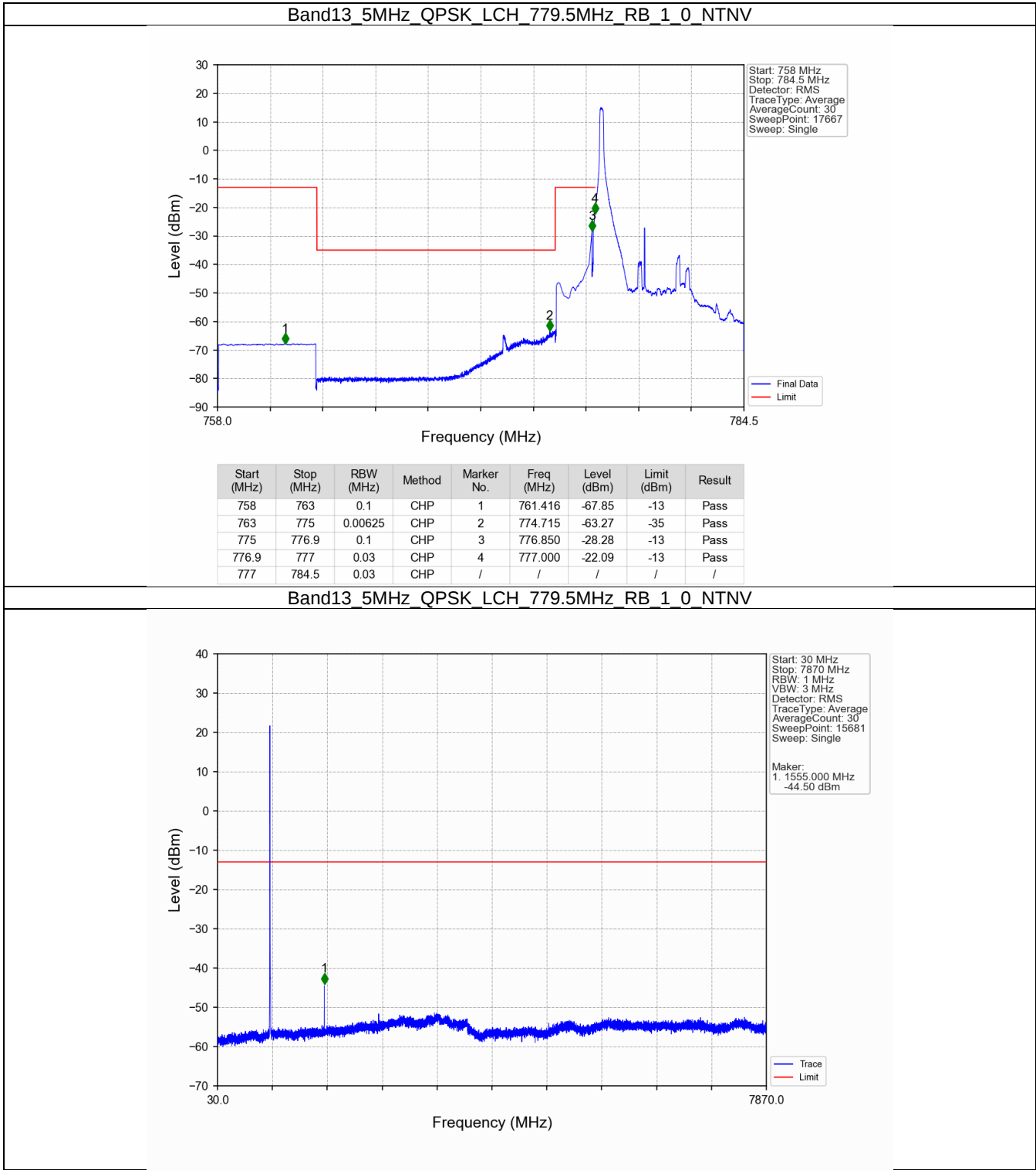
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
16QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
64QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
256QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass

5.1.2 B13_10MHz

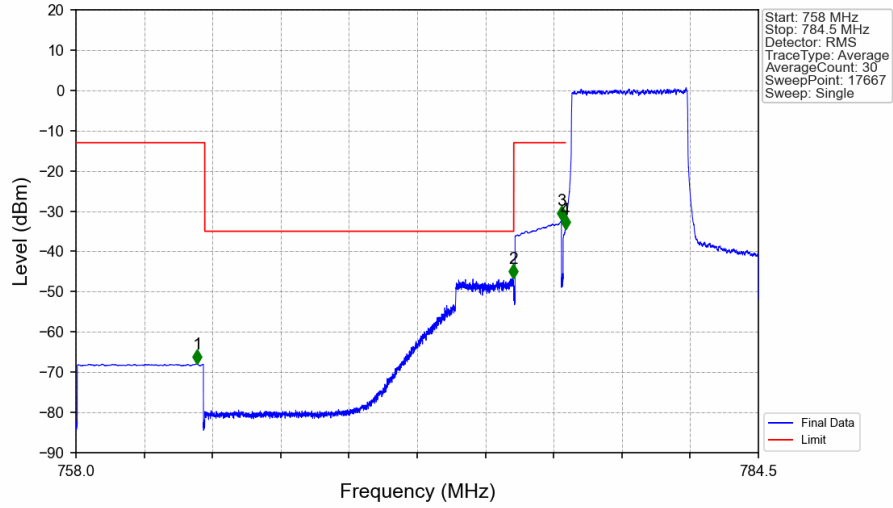
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To 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

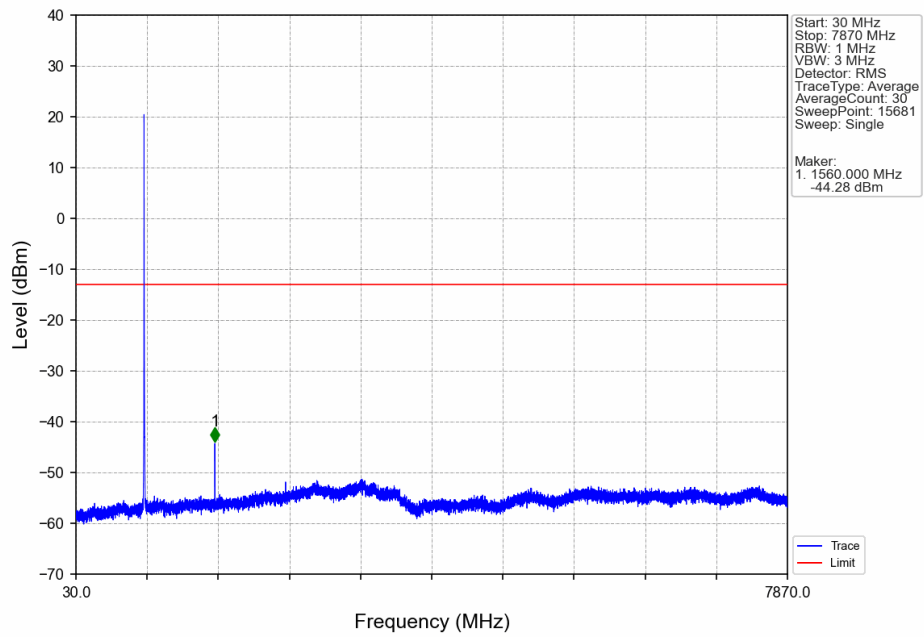


Band13 5MHz QPSK LCH 779.5MHz RB 25 0 NTNV

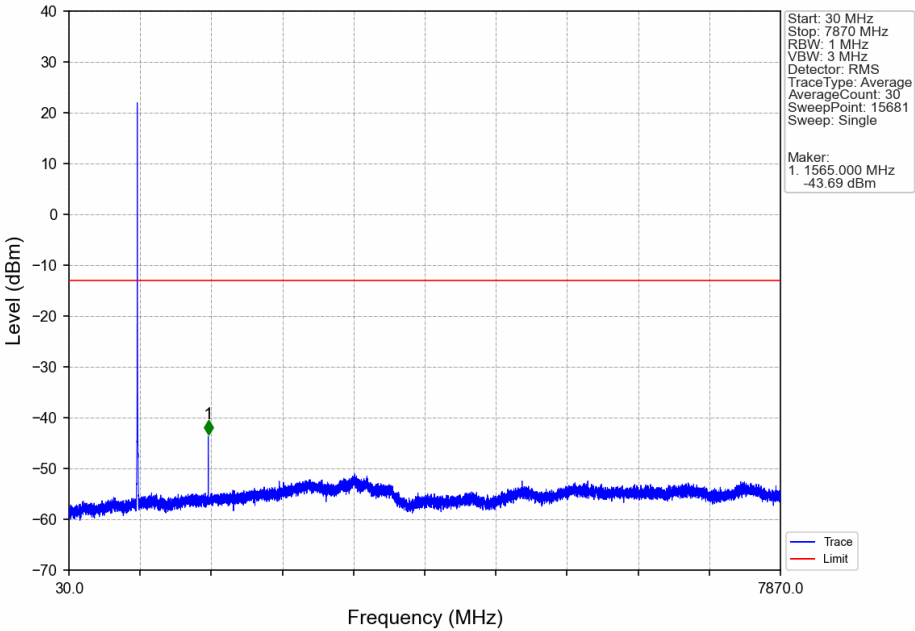


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.712	-67.93	-13	Pass
763	775	0.00625	CHP	2	774.969	-46.64	-35	Pass
775	776.9	0.1	CHP	3	776.850	-32.33	-13	Pass
776.9	777	0.03	CHP	4	777.000	-34.44	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

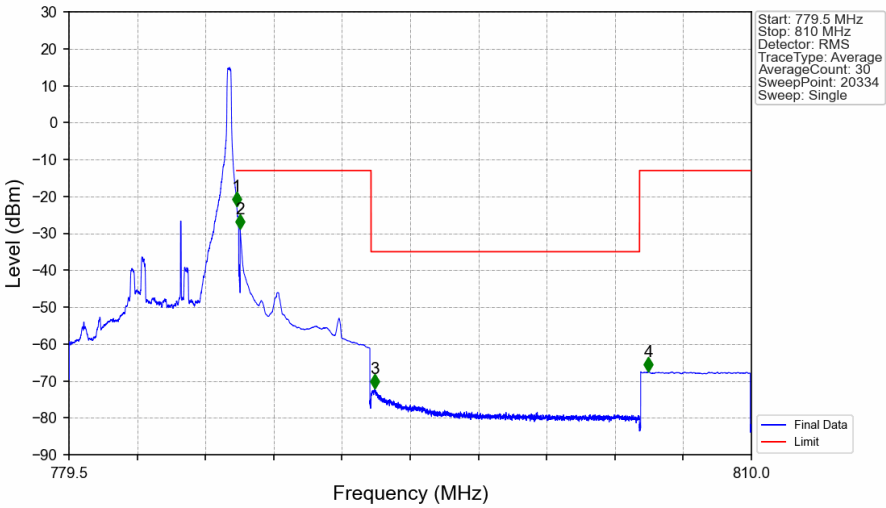
Band13 5MHz QPSK MCH 782MHz RB 1 0 NTNV



Band13 5MHz QPSK HCH 784.5MHz RB 1 0 NTN

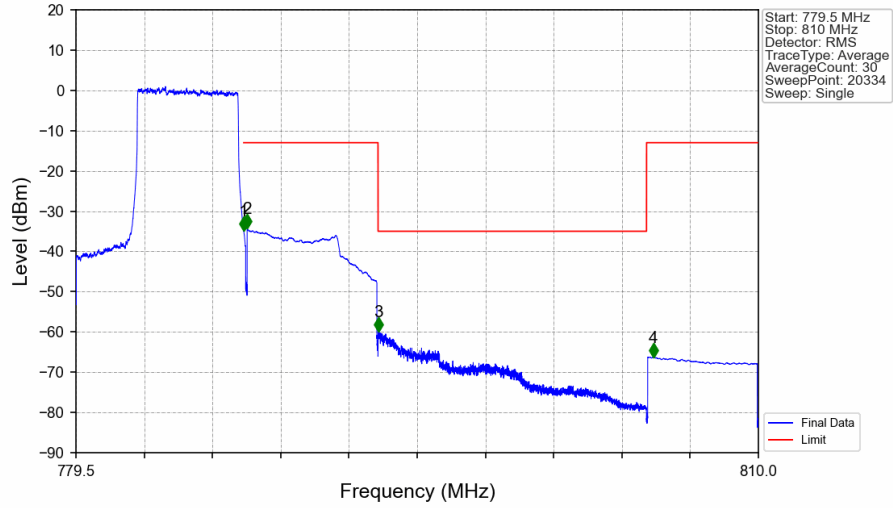


Band13 5MHz QPSK HCH 784.5MHz RB 1 24 NTN



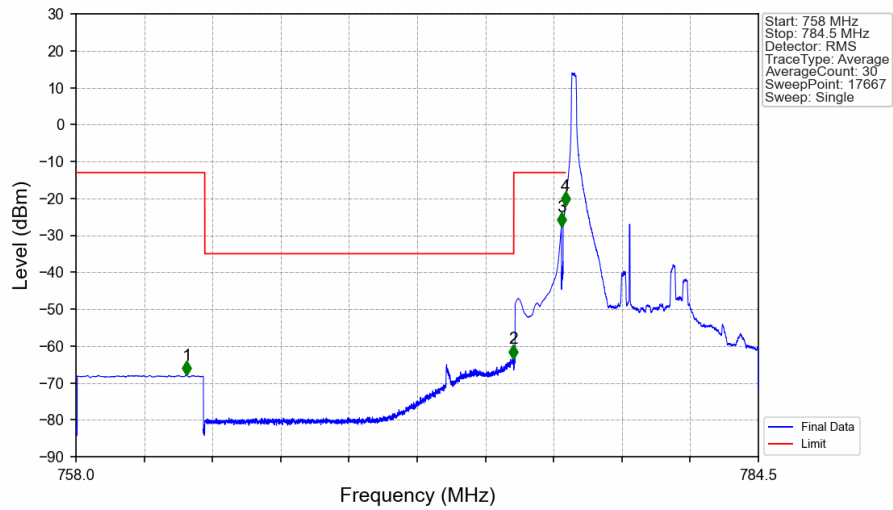
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-22.58	-13	Pass
787.1	793	0.1	CHP	2	787.150	-28.77	-13	Pass
793	805	0.00625	CHP	3	793.179	-71.93	-35	Pass
805	810	0.1	CHP	4	805.395	-67.52	-13	Pass

Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



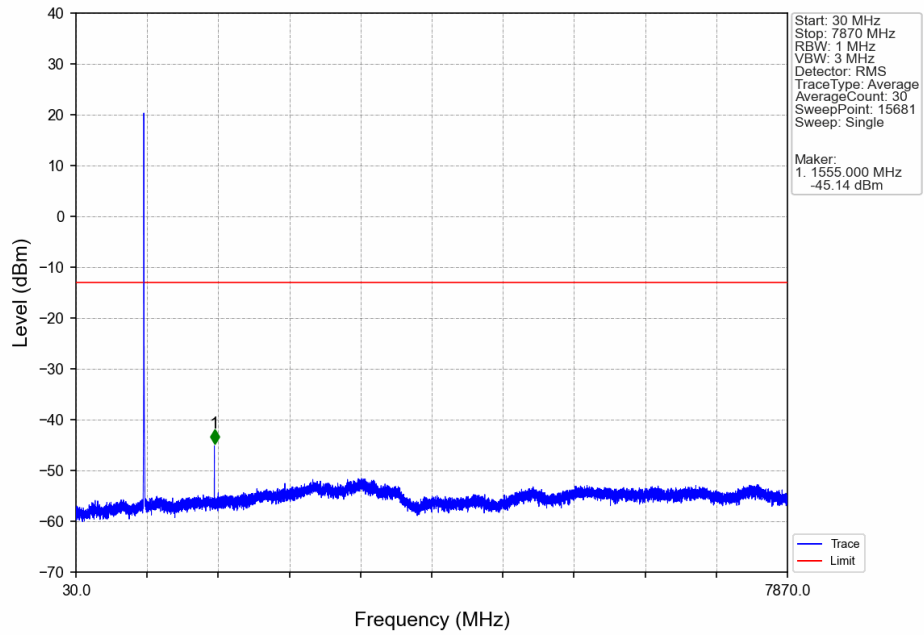
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-34.93	-13	Pass
787.1	793	0.1	CHP	2	787.150	-34.32	-13	Pass
793	805	0.00625	CHP	3	793.026	-59.94	-35	Pass
805	810	0.1	CHP	4	805.315	-66.22	-13	Pass

Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTNV

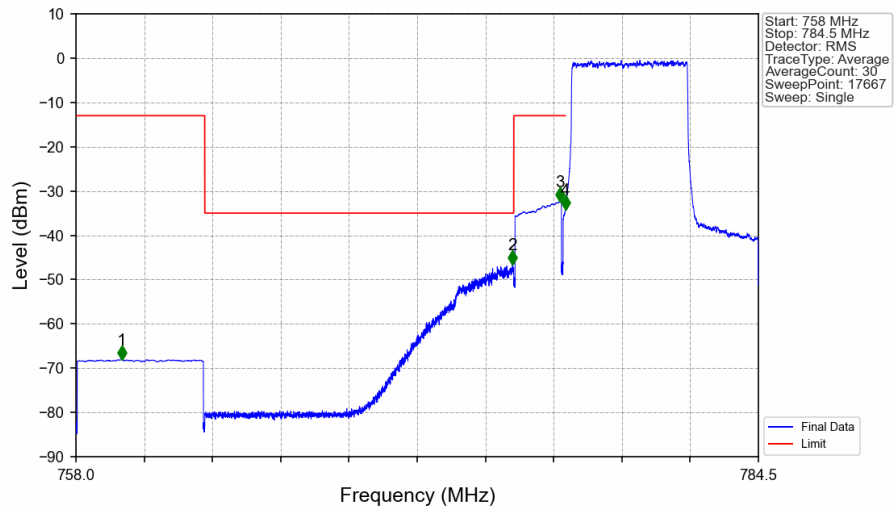


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.296	-67.95	-13	Pass
763	775	0.00625	CHP	2	774.993	-63.38	-35	Pass
775	776.9	0.1	CHP	3	776.850	-27.67	-13	Pass
776.9	777	0.03	CHP	4	777.000	-21.91	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13 5MHz 16QAM LCH 779.5MHz RB 1 0 NTV

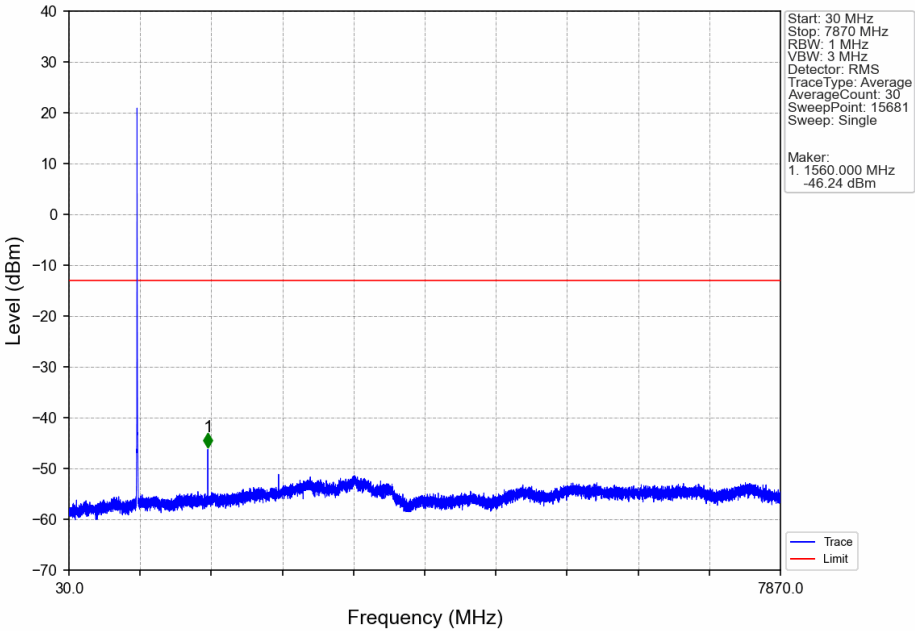


Band13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTV

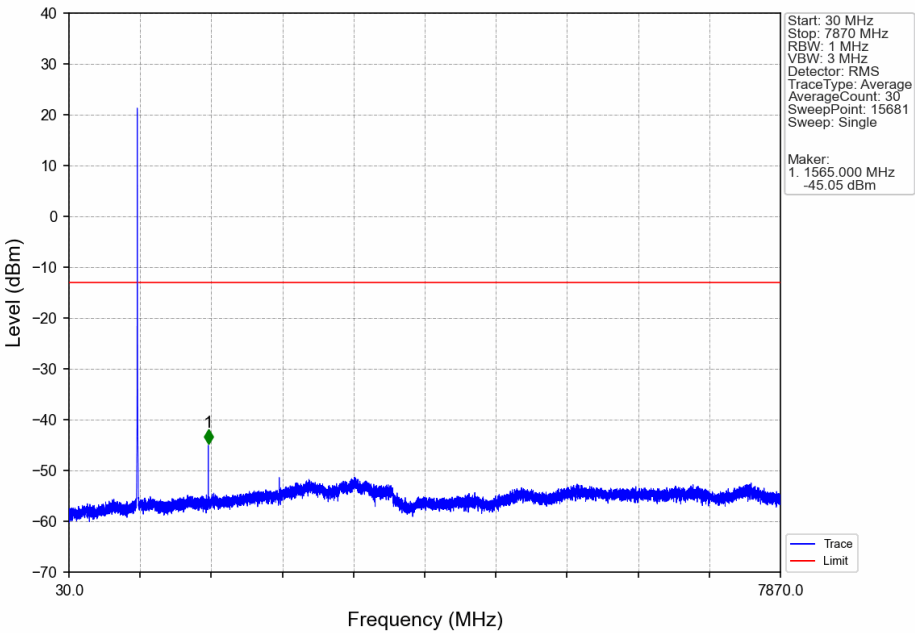


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.775	-68.01	-13	Pass
763	775	0.00625	CHP	2	774.949	-46.62	-35	Pass
775	776.9	0.1	CHP	3	776.808	-32.33	-13	Pass
776.9	777	0.03	CHP	4	777.000	-34.25	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

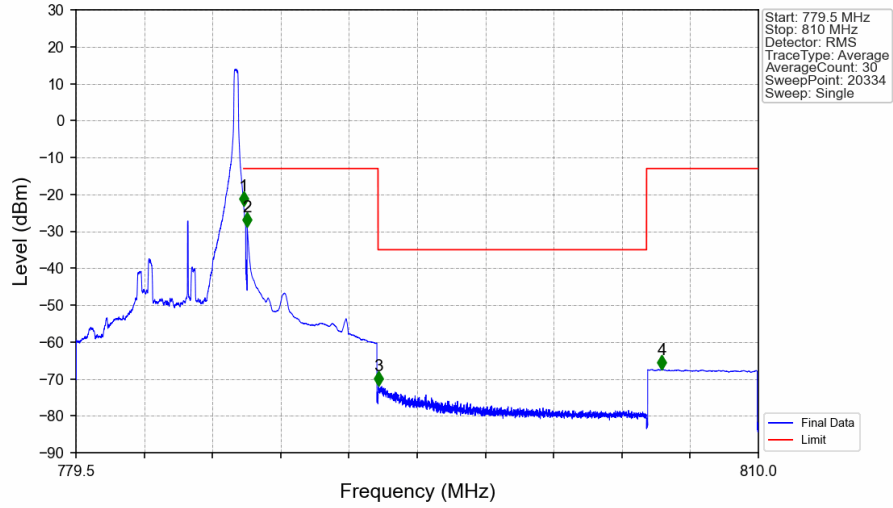
Band13 5MHz 16QAM MCH 782MHz RB 1 0 NTN



Band13 5MHz 16QAM HCH 784.5MHz RB 1 0 NTN

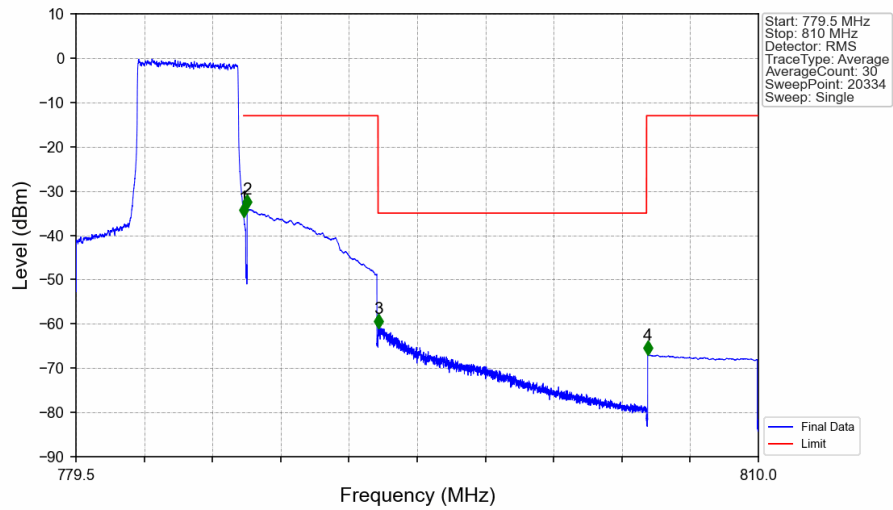


Band13 5MHz 16QAM HCH 784.5MHz RB 1 24 NTNV



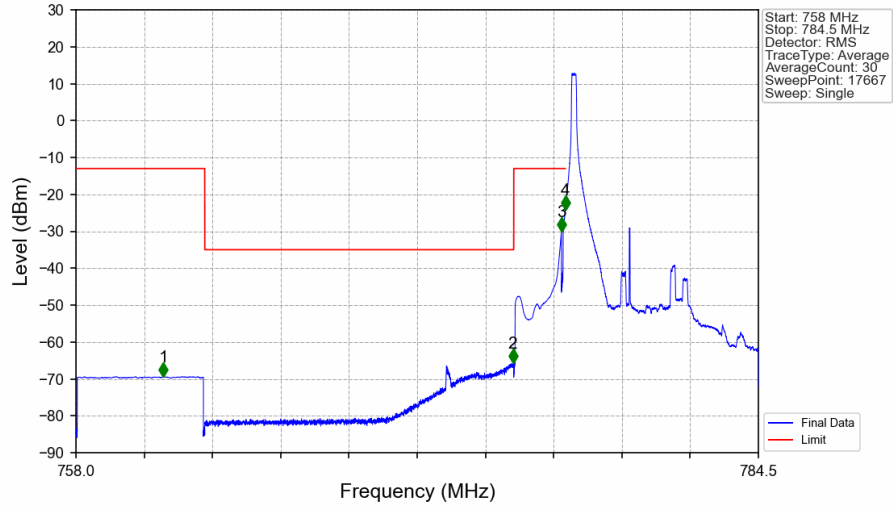
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-23.11	-13	Pass
787.1	793	0.1	CHP	2	787.150	-28.69	-13	Pass
793	805	0.00625	CHP	3	793.030	-71.76	-35	Pass
805	810	0.1	CHP	4	805.690	-67.36	-13	Pass

Band13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV



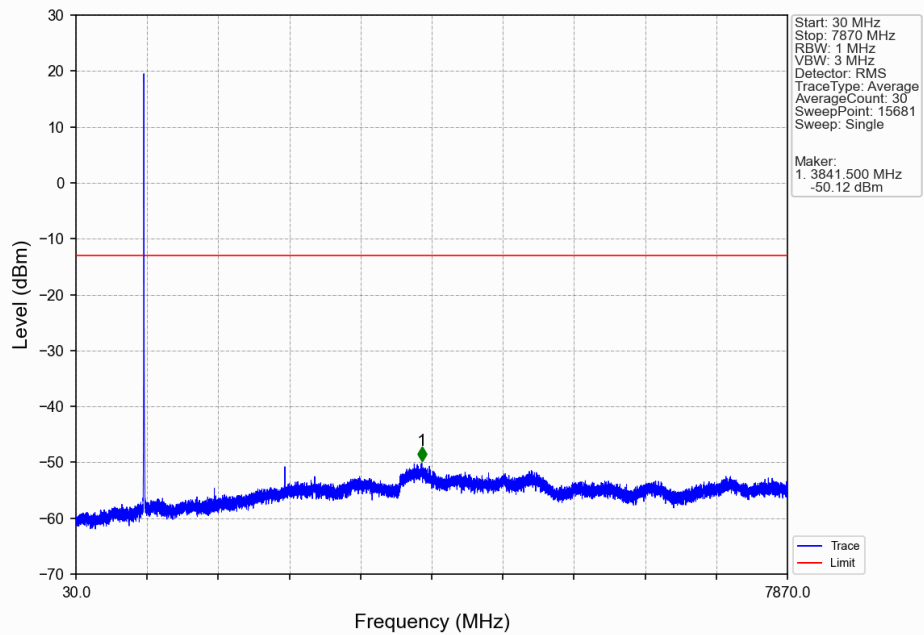
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-35.86	-13	Pass
787.1	793	0.1	CHP	2	787.150	-34.01	-13	Pass
793	805	0.00625	CHP	3	793.023	-60.92	-35	Pass
805	810	0.1	CHP	4	805.051	-66.92	-13	Pass

Band13 5MHz 64QAM LCH 779.5MHz RB 1 0 NTNV

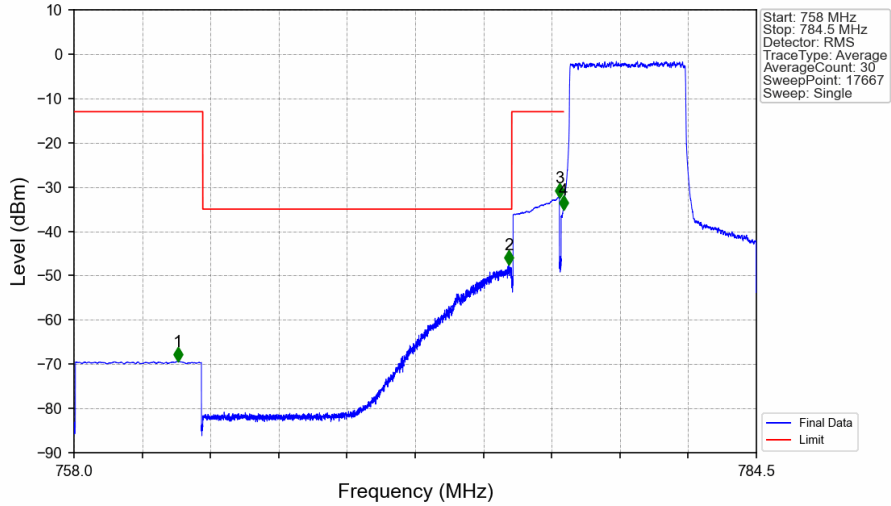


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.396	-69.40	-13	Pass
763	775	0.00625	CHP	2	774.967	-65.72	-35	Pass
775	776.9	0.1	CHP	3	776.850	-30.13	-13	Pass
776.9	777	0.03	CHP	4	777.000	-24.20	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13 5MHz 64QAM LCH 779.5MHz RB 1 0 NTNV

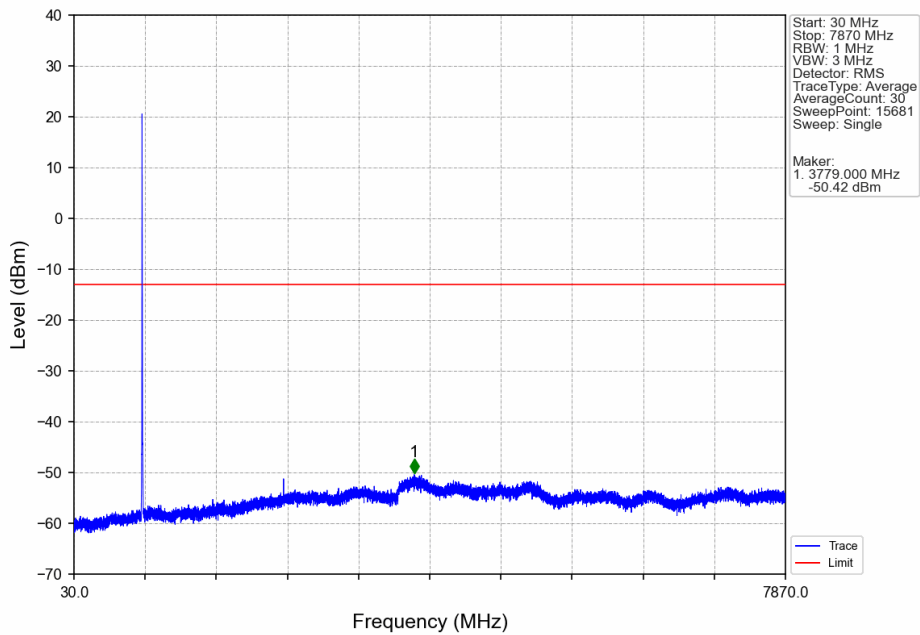


Band13 5MHz 64QAM LCH 779.5MHz RB 25 0 NTNV

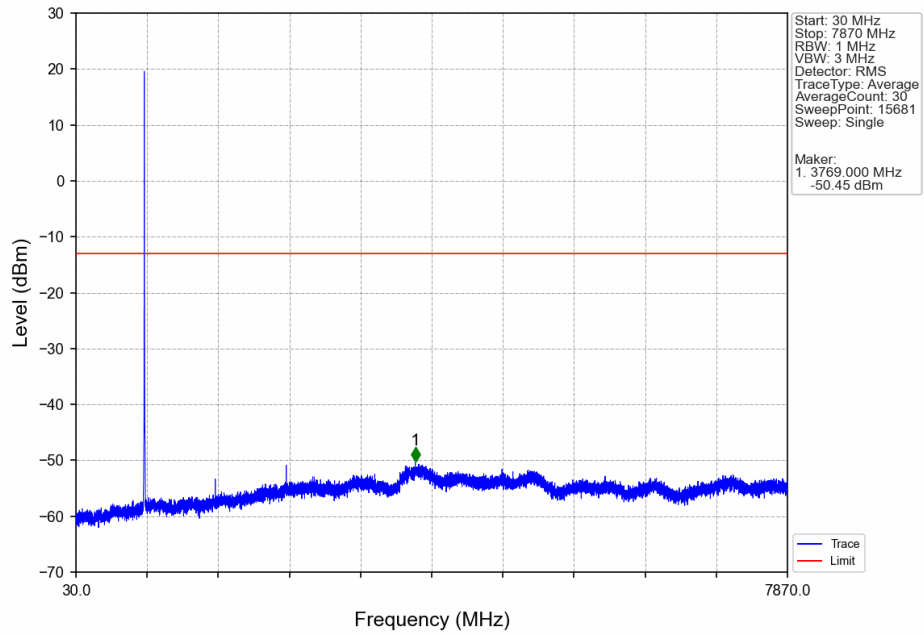


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.038	-69.35	-13	Pass
763	775	0.00625	CHP	2	774.886	-47.49	-35	Pass
775	776.9	0.1	CHP	3	776.850	-32.30	-13	Pass
776.9	777	0.03	CHP	4	777.000	-35.07	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

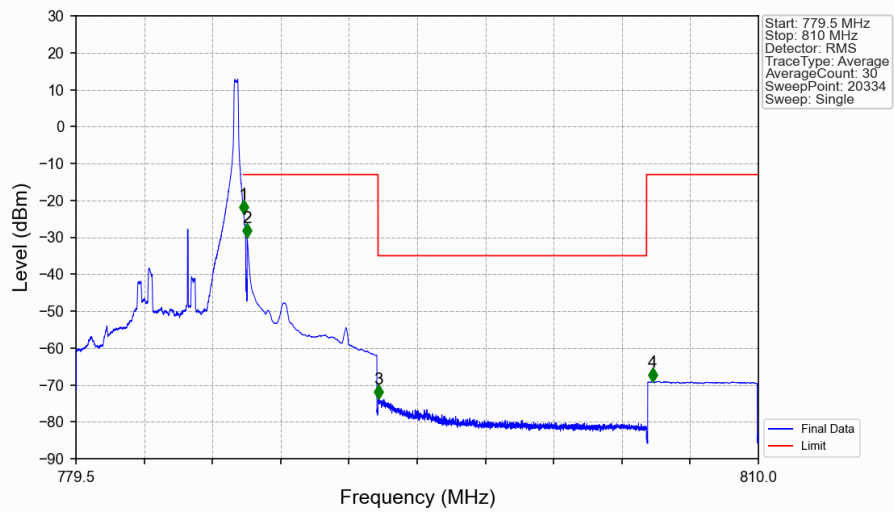
Band13 5MHz 64QAM MCH 782MHz RB 1 0 NTNV



Band13 5MHz 64QAM HCH 784.5MHz RB 1 0 NTV

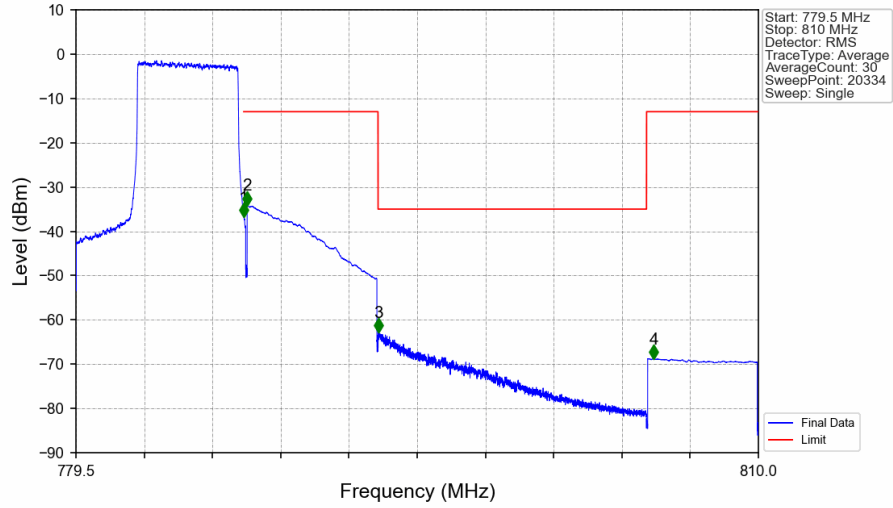


Band13 5MHz 64QAM HCH 784.5MHz RB 1 24 NTV



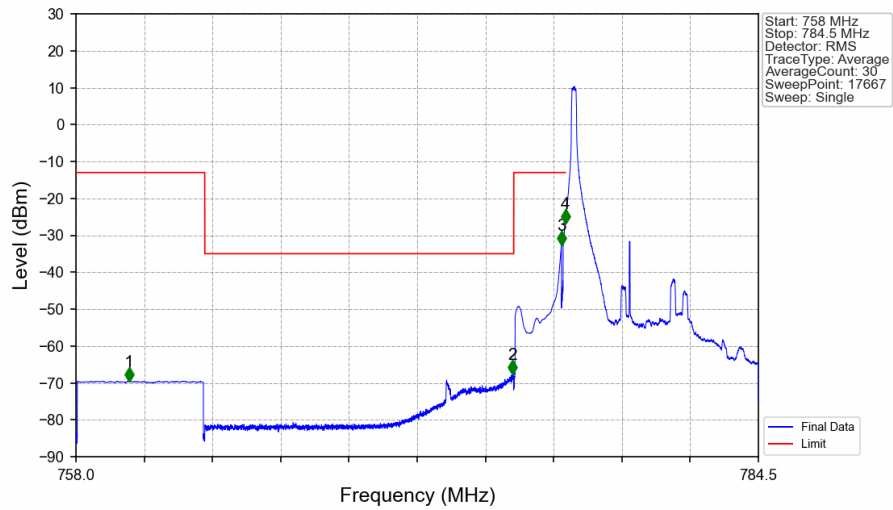
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-23.78	-13	Pass
787.1	793	0.1	CHP	2	787.150	-30.05	-13	Pass
793	805	0.00625	CHP	3	793.009	-73.73	-35	Pass
805	810	0.1	CHP	4	805.275	-69.07	-13	Pass

Band13 5MHz 64QAM HCH 784.5MHz RB 25 0 NTV



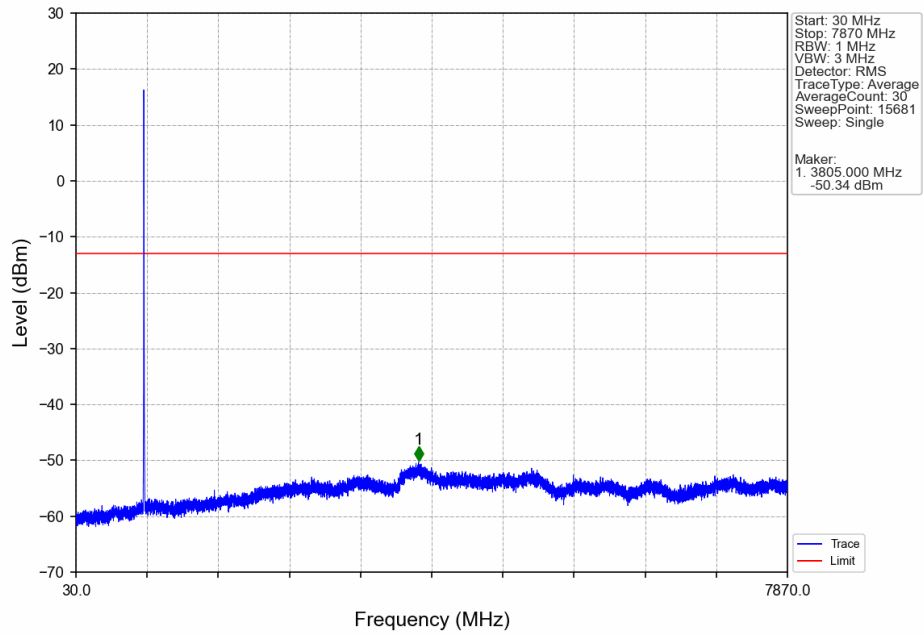
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-36.78	-13	Pass
787.1	793	0.1	CHP	2	787.150	-34.12	-13	Pass
793	805	0.00625	CHP	3	793.011	-62.88	-35	Pass
805	810	0.1	CHP	4	805.324	-68.73	-13	Pass

Band13 5MHz 256QAM LCH 779.5MHz RB 1 0 NTV

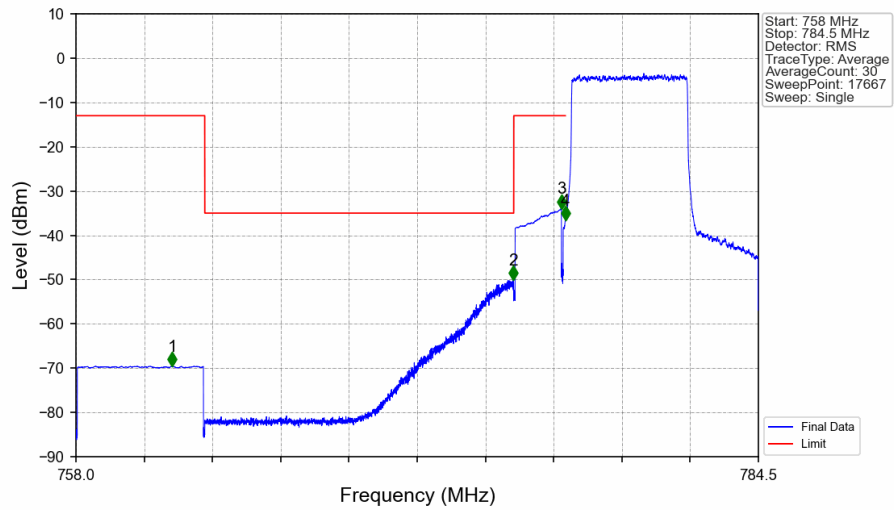


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.066	-69.51	-13	Pass
763	775	0.00625	CHP	2	774.948	-67.61	-35	Pass
775	776.9	0.1	CHP	3	776.850	-32.72	-13	Pass
776.9	777	0.03	CHP	4	777.000	-26.81	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

Band13 5MHz 256QAM LCH 779.5MHz RB 1 0 NTV

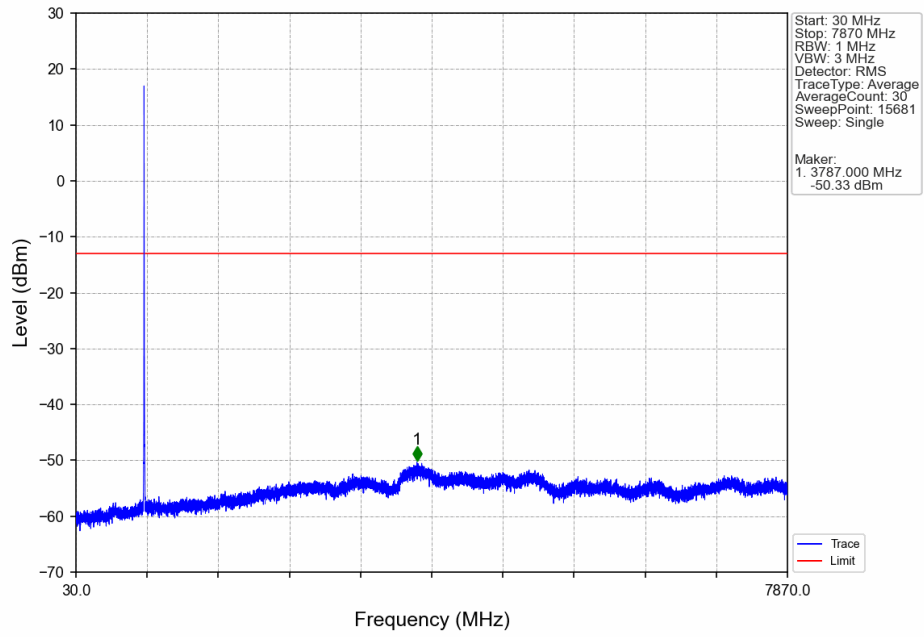


Band13 5MHz 256QAM LCH 779.5MHz RB 25 0 NTV

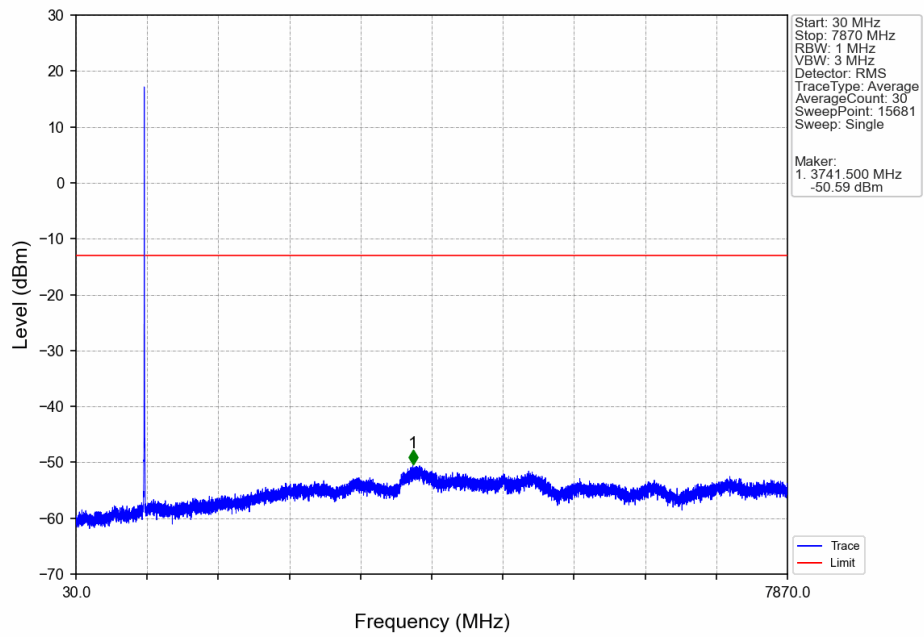


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.740	-69.52	-13	Pass
763	775	0.00625	CHP	2	774.993	-50.03	-35	Pass
775	776.9	0.1	CHP	3	776.850	-33.93	-13	Pass
776.9	777	0.03	CHP	4	776.998	-36.66	-13	Pass
777	784.5	0.03	CHP	/	/	/	/	/

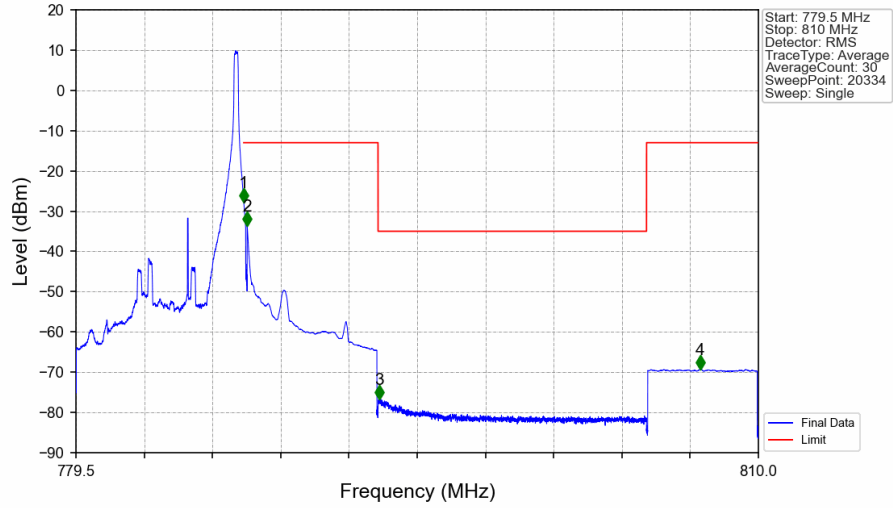
Band13 5MHz 256QAM MCH 782MHz RB 1 0 NTV



Band13 5MHz 256QAM HCH 784.5MHz RB 1 0 NTV

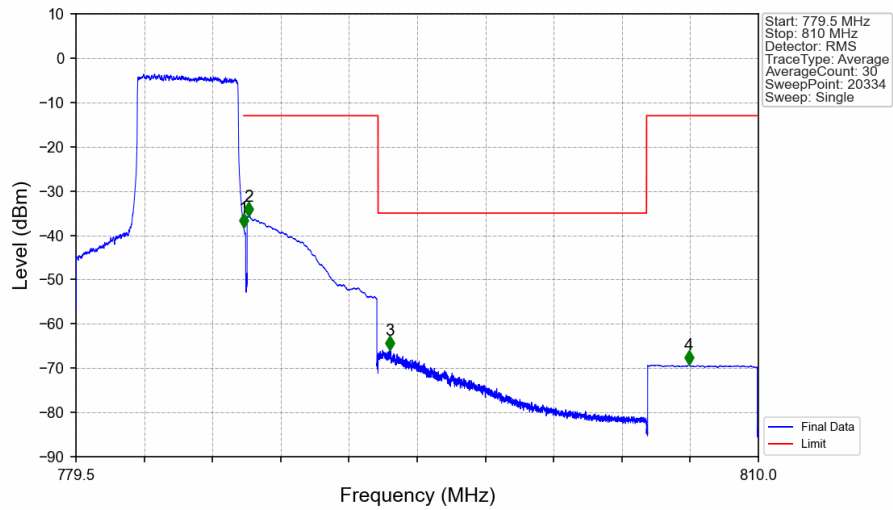


Band13 5MHz 256QAM HCH 784.5MHz RB 1 24 NTN



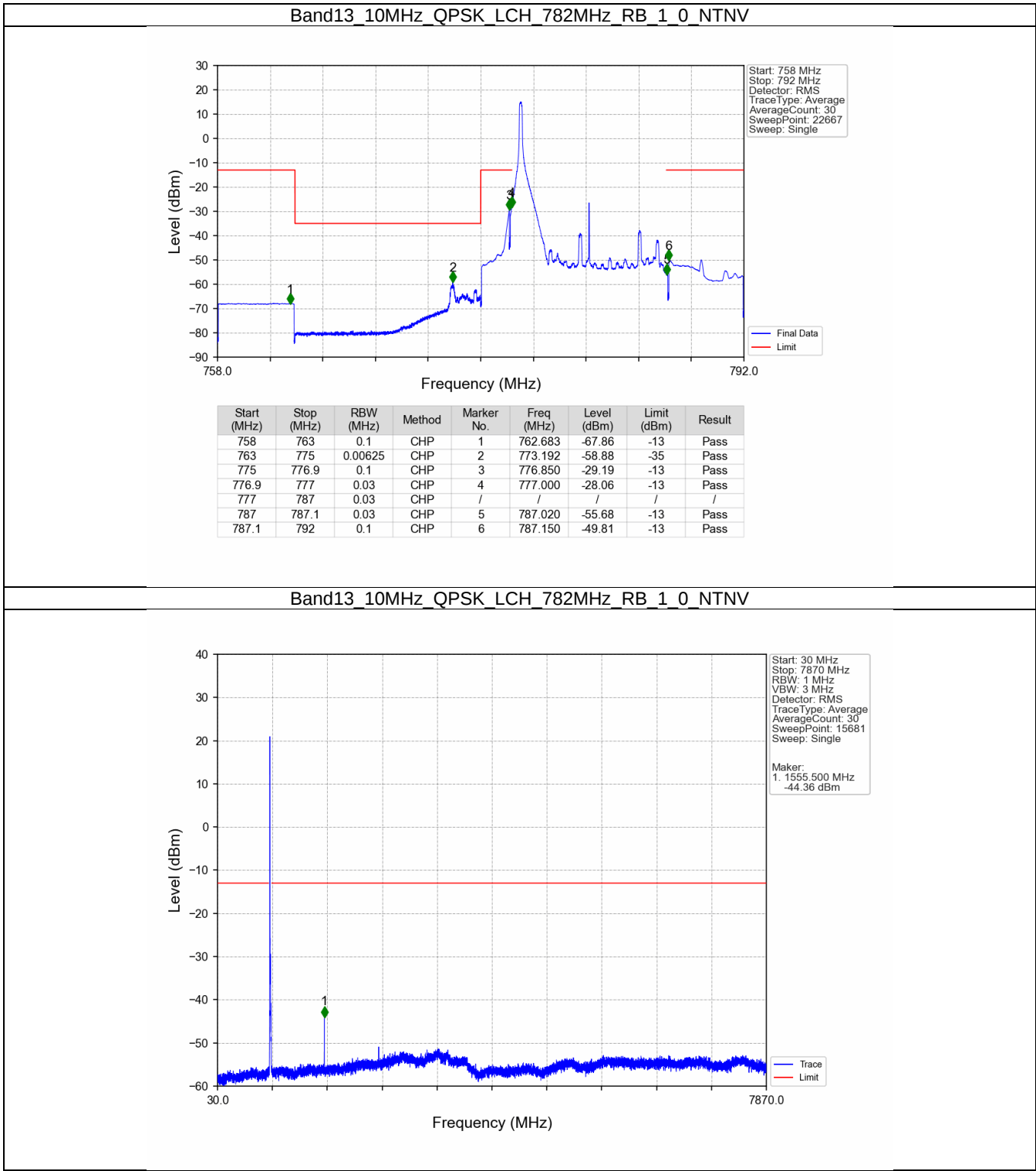
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-27.82	-13	Pass
787.1	793	0.1	CHP	2	787.150	-33.56	-13	Pass
793	805	0.00625	CHP	3	793.071	-76.75	-35	Pass
805	810	0.1	CHP	4	807.399	-69.29	-13	Pass

Band13 5MHz 256QAM HCH 784.5MHz RB 25 0 NTN

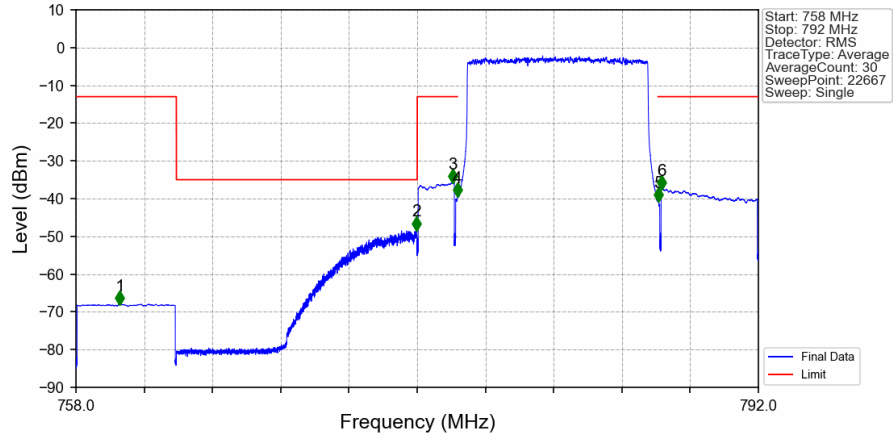


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	1	787.000	-38.17	-13	Pass
787.1	793	0.1	CHP	2	787.225	-35.74	-13	Pass
793	805	0.00625	CHP	3	793.519	-65.88	-35	Pass
805	810	0.1	CHP	4	806.887	-69.24	-13	Pass

5.2.2 B13_10MHz

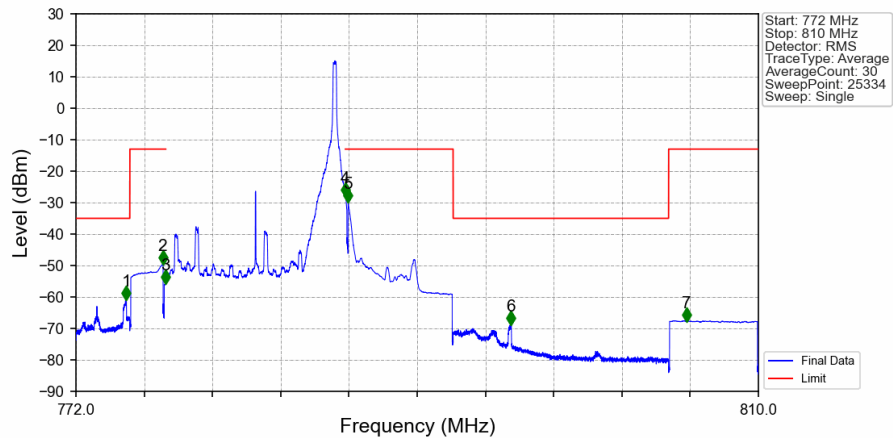


Band13 10MHz QPSK LCH 782MHz RB 50 0 NTNV



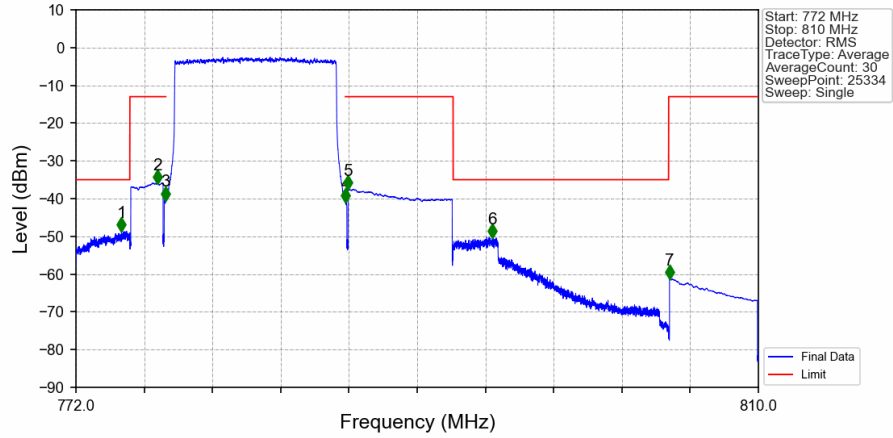
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.187	-67.93	-13	Pass
763	775	0.00625	CHP	2	774.953	-48.12	-35	Pass
775	776.9	0.1	CHP	3	776.754	-35.69	-13	Pass
776.9	777	0.03	CHP	4	777.000	-39.30	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-40.59	-13	Pass
787.1	792	0.1	CHP	6	787.161	-37.28	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 1 49 NTNV



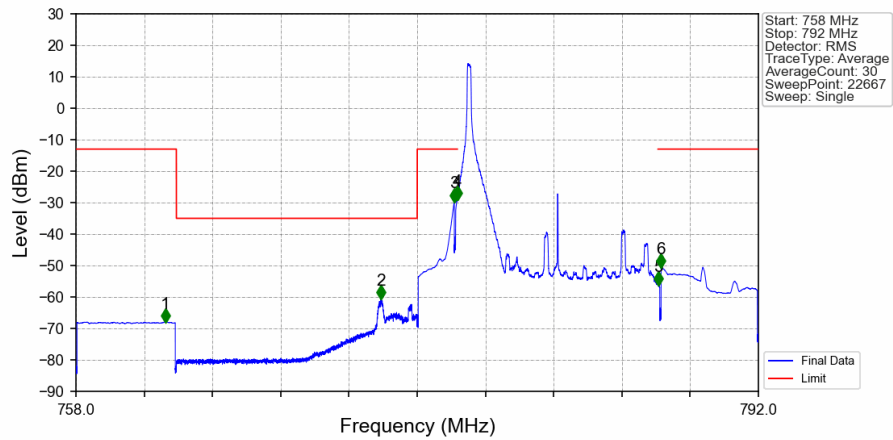
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.807	-60.69	-35	Pass
775	776.9	0.1	CHP	2	776.830	-49.39	-13	Pass
776.9	777	0.03	CHP	3	777.000	-55.55	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-27.91	-13	Pass
787.1	793	0.1	CHP	5	787.150	-29.60	-13	Pass
793	805	0.00625	CHP	6	796.192	-68.66	-35	Pass
805	810	0.1	CHP	7	805.993	-67.56	-13	Pass

Band13 10MHz QPSK HCH 782MHz RB 50 0 NTV



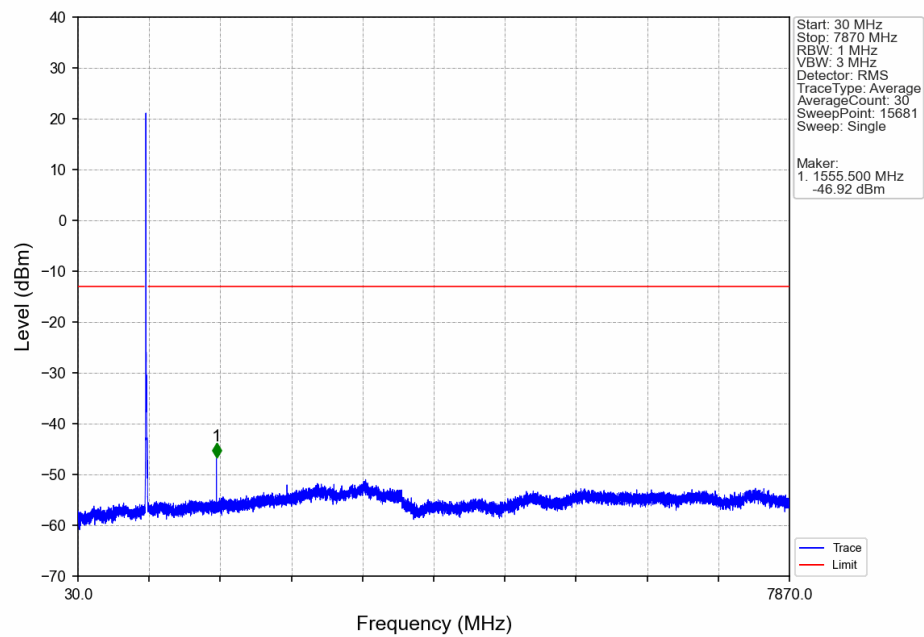
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.534	-48.44	-35	Pass
775	776.9	0.1	CHP	2	776.545	-35.85	-13	Pass
776.9	777	0.03	CHP	3	777.000	-40.20	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.011	-40.77	-13	Pass
787.1	793	0.1	CHP	5	787.152	-37.27	-13	Pass
793	805	0.00625	CHP	6	795.192	-50.17	-35	Pass
805	810	0.1	CHP	7	805.051	-61.13	-13	Pass

Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTV

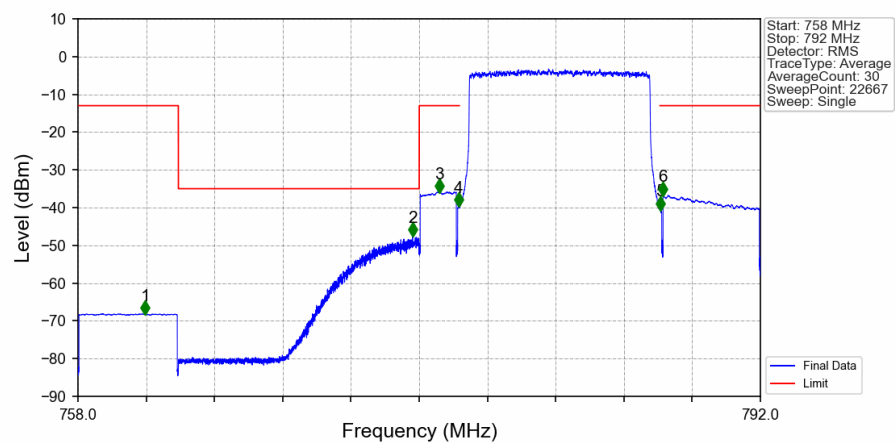


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.449	-67.89	-13	Pass
763	775	0.00625	CHP	2	773.179	-60.47	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.50	-13	Pass
776.9	777	0.03	CHP	4	776.998	-28.88	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.024	-56.12	-13	Pass
787.1	792	0.1	CHP	6	787.150	-50.42	-13	Pass

Band13 10MHz 16QAM LCH 782MHz RB 1 0 NTNV

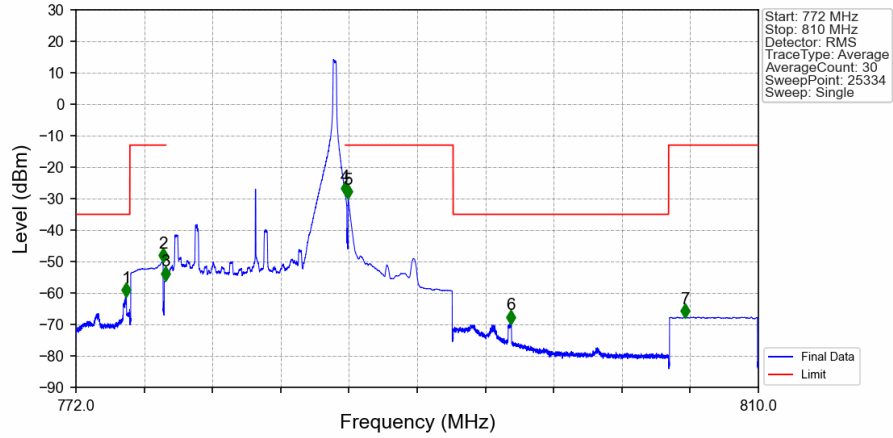


Band13 10MHz 16QAM LCH 782MHz RB 50 0 NTNV



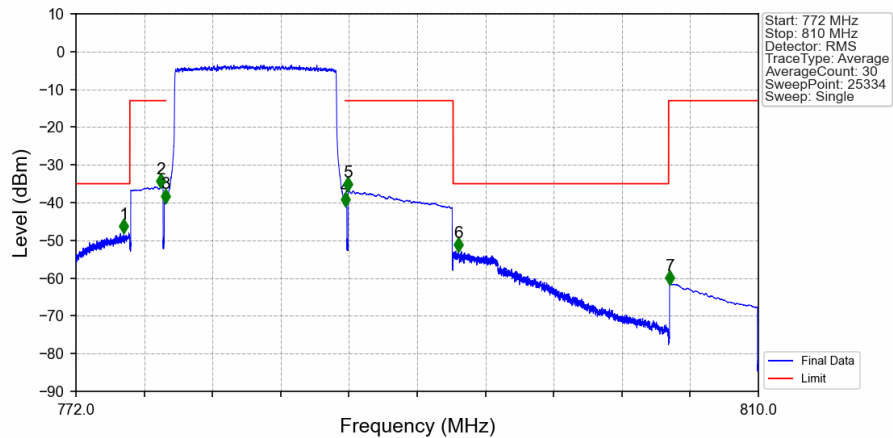
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.339	-68.09	-13	Pass
763	775	0.00625	CHP	2	774.670	-47.40	-35	Pass
775	776.9	0.1	CHP	3	775.995	-35.80	-13	Pass
776.9	777	0.03	CHP	4	776.956	-39.54	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.000	-40.46	-13	Pass
787.1	792	0.1	CHP	6	787.150	-36.62	-13	Pass

Band13 10MHz 16QAM HCH 782MHz RB 1 49 NTV



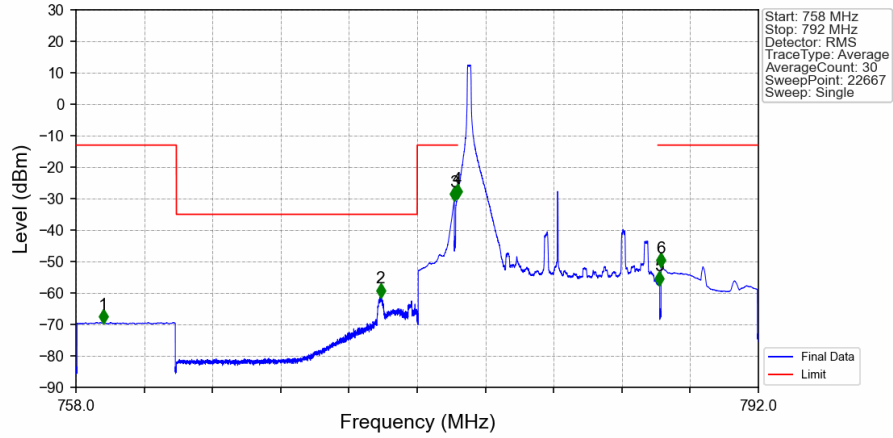
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.807	-60.96	-35	Pass
775	776.9	0.1	CHP	2	776.845	-49.93	-13	Pass
776.9	777	0.03	CHP	3	776.988	-55.65	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-28.66	-13	Pass
787.1	793	0.1	CHP	5	787.150	-29.63	-13	Pass
793	805	0.00625	CHP	6	796.230	-69.53	-35	Pass
805	810	0.1	CHP	7	805.930	-67.59	-13	Pass

Band13 10MHz 16QAM HCH 782MHz RB 50 0 NTV



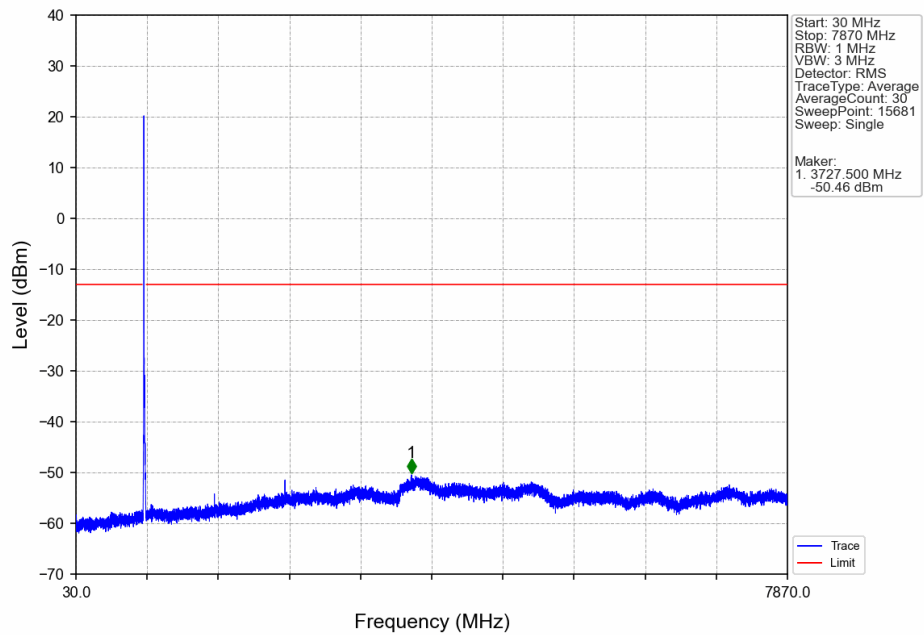
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.670	-47.83	-35	Pass
775	776.9	0.1	CHP	2	776.736	-35.79	-13	Pass
776.9	777	0.03	CHP	3	776.991	-39.80	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.005	-40.67	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.77	-13	Pass
793	805	0.00625	CHP	6	793.312	-52.79	-35	Pass
805	810	0.1	CHP	7	805.074	-61.44	-13	Pass

Band13 10MHz 64QAM LCH 782MHz RB 1 0 NTN

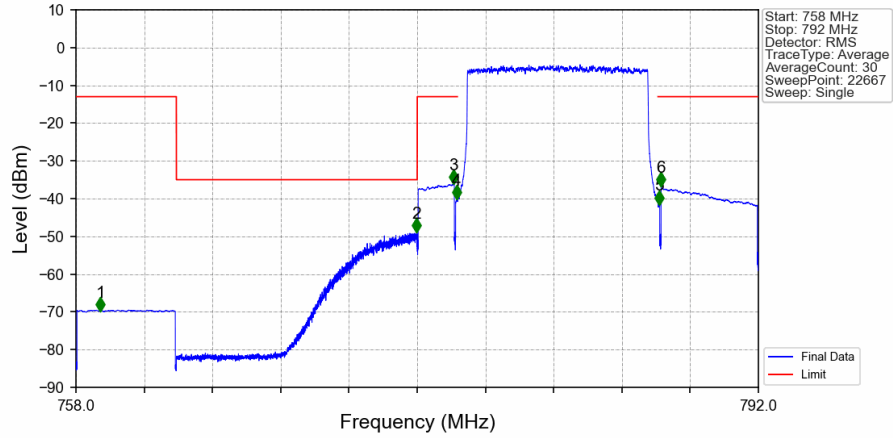


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.364	-69.35	-13	Pass
763	775	0.00625	CHP	2	773.177	-61.06	-35	Pass
775	776.9	0.1	CHP	3	776.850	-30.31	-13	Pass
776.9	777	0.03	CHP	4	777.000	-29.52	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.062	-57.17	-13	Pass
787.1	792	0.1	CHP	6	787.150	-51.51	-13	Pass

Band13 10MHz 64QAM LCH 782MHz RB 1 0 NTN

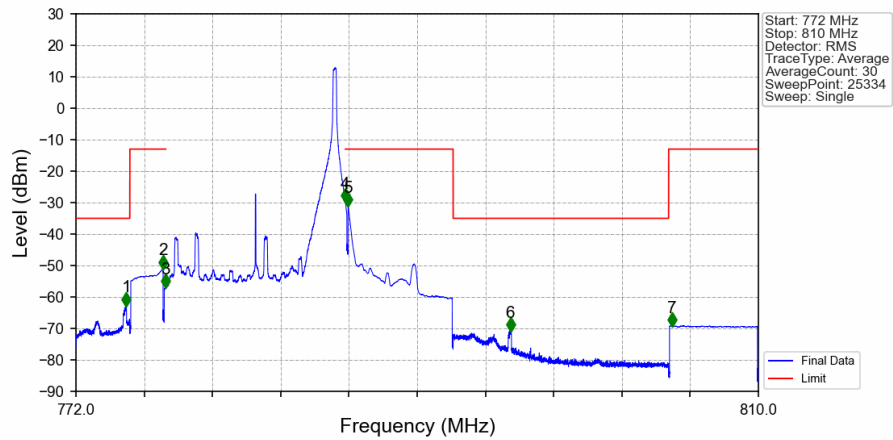


Band13 10MHz 64QAM LCH 782MHz RB 50 0 NTNV



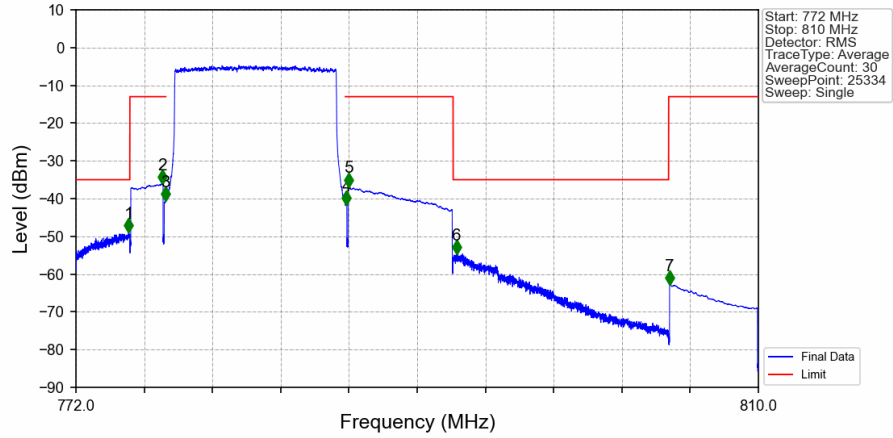
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.221	-69.53	-13	Pass
763	775	0.00625	CHP	2	774.970	-48.61	-35	Pass
775	776.9	0.1	CHP	3	776.827	-35.83	-13	Pass
776.9	777	0.03	CHP	4	776.962	-39.83	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.050	-41.27	-13	Pass
787.1	792	0.1	CHP	6	787.152	-36.44	-13	Pass

Band13 10MHz 64QAM HCH 782MHz RB 1 49 NTNV



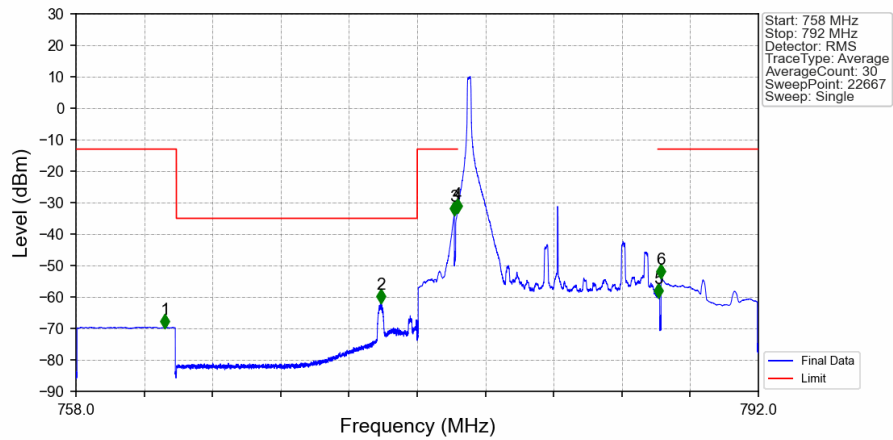
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.790	-62.60	-35	Pass
775	776.9	0.1	CHP	2	776.848	-50.82	-13	Pass
776.9	777	0.03	CHP	3	776.980	-56.86	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-29.70	-13	Pass
787.1	793	0.1	CHP	5	787.150	-30.92	-13	Pass
793	805	0.00625	CHP	6	796.189	-70.61	-35	Pass
805	810	0.1	CHP	7	805.180	-69.08	-13	Pass

Band13 10MHz 64QAM HCH 782MHz RB 50 0 NTV



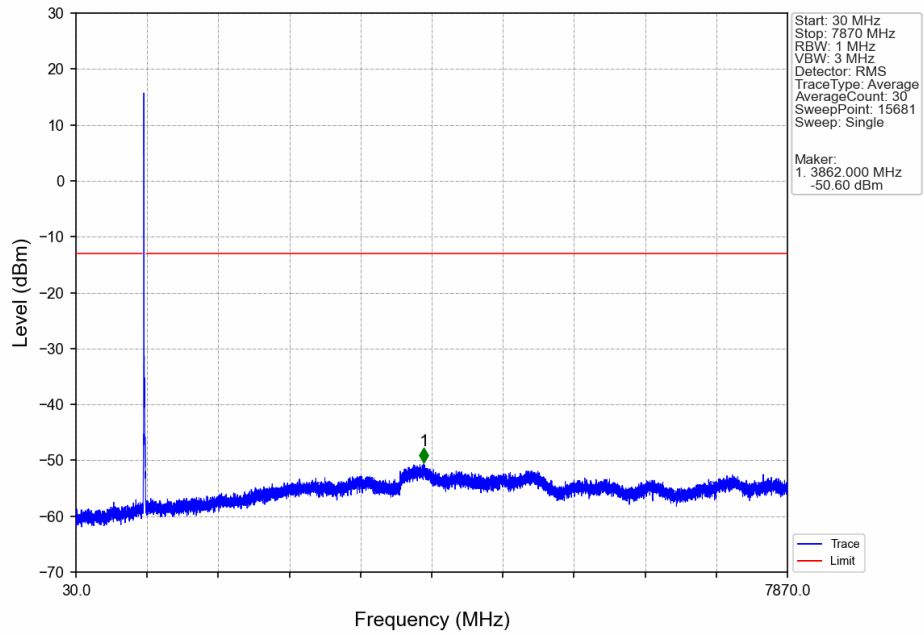
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	CHP	1	774.927	-48.67	-35	Pass
775	776.9	0.1	CHP	2	776.805	-35.87	-13	Pass
776.9	777	0.03	CHP	3	776.967	-40.33	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.063	-41.33	-13	Pass
787.1	793	0.1	CHP	5	787.164	-36.60	-13	Pass
793	805	0.00625	CHP	6	793.180	-54.36	-35	Pass
805	810	0.1	CHP	7	805.059	-62.61	-13	Pass

Band13 10MHz 256QAM LCH 782MHz RB 1 0 NTV

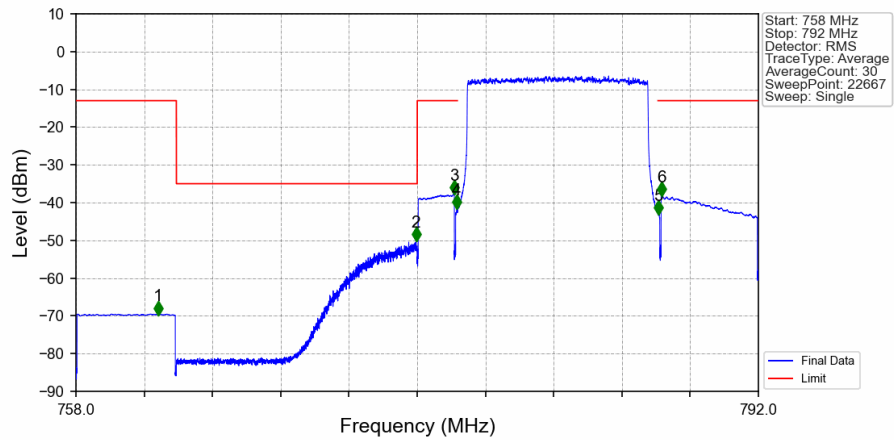


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.439	-69.54	-13	Pass
763	775	0.00625	CHP	2	773.209	-61.64	-35	Pass
775	776.9	0.1	CHP	3	776.850	-33.77	-13	Pass
776.9	777	0.03	CHP	4	777.000	-32.91	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.002	-59.81	-13	Pass
787.1	792	0.1	CHP	6	787.150	-53.75	-13	Pass

Band13 10MHz 256QAM LCH 782MHz RB 1 0 NTV

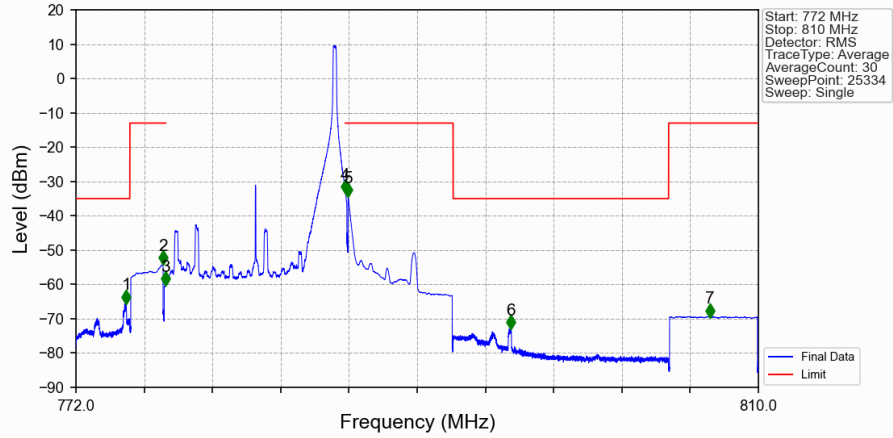


Band13 10MHz 256QAM LCH 782MHz RB 50 0 NTV



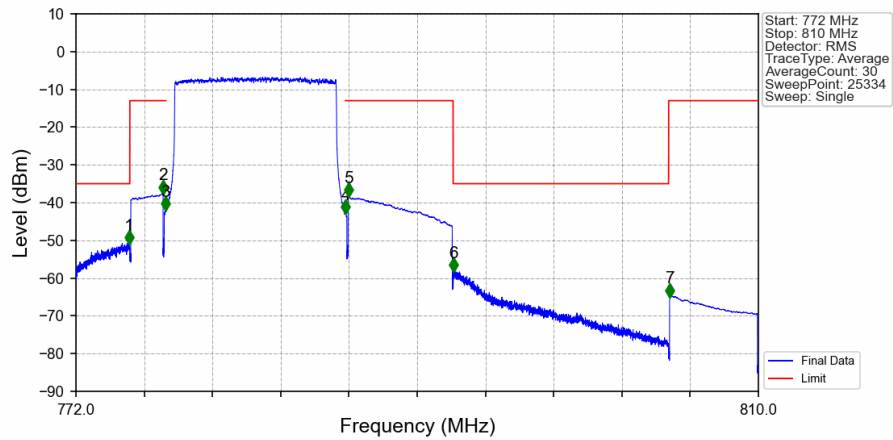
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.094	-69.49	-13	Pass
763	775	0.00625	CHP	2	774.941	-49.88	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.54	-13	Pass
776.9	777	0.03	CHP	4	776.970	-41.34	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	5	787.029	-42.87	-13	Pass
787.1	792	0.1	CHP	6	787.164	-37.92	-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	774.796	-65.33	-35	Pass
775	776.9	0.1	CHP	2	776.850	-53.86	-13	Pass
776.9	777	0.03	CHP	3	777.000	-60.01	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.000	-33.18	-13	Pass
787.1	793	0.1	CHP	5	787.150	-34.17	-13	Pass
793	805	0.00625	CHP	6	796.213	-72.76	-35	Pass
805	810	0.1	CHP	7	807.298	-69.30	-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	774.943	-50.75	-35	Pass
775	776.9	0.1	CHP	2	776.850	-37.46	-13	Pass
776.9	777	0.03	CHP	3	776.979	-41.90	-13	Pass
777	787	0.03	CHP	/	/	/	/	/
787	787.1	0.03	CHP	4	787.024	-42.68	-13	Pass
787.1	793	0.1	CHP	5	787.162	-38.20	-13	Pass
793	805	0.00625	CHP	6	793.042	-58.09	-35	Pass
805	810	0.1	CHP	7	805.075	-64.81	-13	Pass