

Appendix Test Data for LTE_band_2

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

Band: 2 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	23.93	0.82	24.75	<=33.01	Pass
			2	24.03	0.82	24.85	<=33.01	Pass
			5	23.94	0.82	24.76	<=33.01	Pass
		3	0	24.00	0.82	24.82	<=33.01	Pass
			2	24.04	0.82	24.86	<=33.01	Pass
			3	23.98	0.82	24.80	<=33.01	Pass
		6	0	23.08	0.82	23.90	<=33.01	Pass
	1880	1	0	24.02	0.82	24.84	<=33.01	Pass
			2	24.09	0.82	24.91	<=33.01	Pass
			5	23.99	0.82	24.81	<=33.01	Pass
		3	0	24.10	0.82	24.92	<=33.01	Pass
			2	24.11	0.82	24.93	<=33.01	Pass
			3	24.08	0.82	24.90	<=33.01	Pass
		6	0	23.15	0.82	23.97	<=33.01	Pass
	1909.3	1	0	23.99	0.82	24.81	<=33.01	Pass
			2	24.10	0.82	24.92	<=33.01	Pass
			5	24.03	0.82	24.85	<=33.01	Pass
		3	0	24.03	0.82	24.85	<=33.01	Pass
			2	24.07	0.82	24.89	<=33.01	Pass
			3	23.98	0.82	24.80	<=33.01	Pass
		6	0	23.04	0.82	23.86	<=33.01	Pass
16QAM	1850.7	1	0	23.11	0.82	23.93	<=33.01	Pass
			2	23.23	0.82	24.05	<=33.01	Pass
			5	23.15	0.82	23.97	<=33.01	Pass
		3	0	22.97	0.82	23.79	<=33.01	Pass
			2	23.00	0.82	23.82	<=33.01	Pass
			3	22.98	0.82	23.80	<=33.01	Pass
		6	0	22.06	0.82	22.88	<=33.01	Pass
	1880	1	0	23.04	0.82	23.86	<=33.01	Pass
			2	23.12	0.82	23.94	<=33.01	Pass
			5	23.03	0.82	23.85	<=33.01	Pass
		3	0	23.27	0.82	24.09	<=33.01	Pass
			2	23.31	0.82	24.13	<=33.01	Pass
			3	23.28	0.82	24.10	<=33.01	Pass
		6	0	22.11	0.82	22.93	<=33.01	Pass
	1909.3	1	0	22.93	0.82	23.75	<=33.01	Pass
			2	23.03	0.82	23.85	<=33.01	Pass
			5	22.97	0.82	23.79	<=33.01	Pass
		3	0	22.97	0.82	23.79	<=33.01	Pass
			2	22.99	0.82	23.81	<=33.01	Pass
			3	22.94	0.82	23.76	<=33.01	Pass
		6	0	21.95	0.82	22.77	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	24.06	0.82	24.88	<=33.01	Pass
			7	24.19	0.82	25.01	<=33.01	Pass
			14	24.08	0.82	24.90	<=33.01	Pass
		8	0	23.06	0.82	23.88	<=33.01	Pass
			4	23.09	0.82	23.91	<=33.01	Pass
			7	23.04	0.82	23.86	<=33.01	Pass
		15	0	23.03	0.82	23.85	<=33.01	Pass
	1880	1	0	24.13	0.82	24.95	<=33.01	Pass
			7	24.28	0.82	25.10	<=33.01	Pass
			14	24.11	0.82	24.93	<=33.01	Pass
		8	0	23.19	0.82	24.01	<=33.01	Pass
			4	23.20	0.82	24.02	<=33.01	Pass
			7	23.18	0.82	24.00	<=33.01	Pass
		15	0	23.16	0.82	23.98	<=33.01	Pass
	1908.5	1	0	24.07	0.82	24.89	<=33.01	Pass
			7	24.23	0.82	25.05	<=33.01	Pass
			14	24.08	0.82	24.90	<=33.01	Pass
		8	0	23.10	0.82	23.92	<=33.01	Pass
			4	23.14	0.82	23.96	<=33.01	Pass
			7	23.08	0.82	23.90	<=33.01	Pass
		15	0	23.07	0.82	23.89	<=33.01	Pass
16QAM	1851.5	1	0	23.03	0.82	23.85	<=33.01	Pass
			7	23.19	0.82	24.01	<=33.01	Pass
			14	23.06	0.82	23.88	<=33.01	Pass
		8	0	22.08	0.82	22.90	<=33.01	Pass
			4	22.14	0.82	22.96	<=33.01	Pass
			7	22.08	0.82	22.90	<=33.01	Pass
		15	0	22.05	0.82	22.87	<=33.01	Pass
	1880	1	0	23.29	0.82	24.11	<=33.01	Pass
			7	23.50	0.82	24.32	<=33.01	Pass
			14	23.32	0.82	24.14	<=33.01	Pass
		8	0	22.14	0.82	22.96	<=33.01	Pass
			4	22.20	0.82	23.02	<=33.01	Pass
			7	22.15	0.82	22.97	<=33.01	Pass
		15	0	22.11	0.82	22.93	<=33.01	Pass
	1908.5	1	0	23.51	0.82	24.33	<=33.01	Pass
			7	23.67	0.82	24.49	<=33.01	Pass
			14	23.48	0.82	24.30	<=33.01	Pass
		8	0	22.27	0.82	23.09	<=33.01	Pass
			4	22.30	0.82	23.12	<=33.01	Pass
			7	22.23	0.82	23.05	<=33.01	Pass
		15	0	22.15	0.82	22.97	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B2_5MHz_EIRP

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.90	0.82	24.72	<=33.01	Pass
			13	24.10	0.82	24.92	<=33.01	Pass
			24	23.95	0.82	24.77	<=33.01	Pass
		12	0	23.00	0.82	23.82	<=33.01	Pass
			6	23.09	0.82	23.91	<=33.01	Pass
			13	23.03	0.82	23.85	<=33.01	Pass
		25	0	22.99	0.82	23.81	<=33.01	Pass
	1880	1	0	24.02	0.82	24.84	<=33.01	Pass
			13	24.17	0.82	24.99	<=33.01	Pass
			24	24.02	0.82	24.84	<=33.01	Pass
		12	0	23.15	0.82	23.97	<=33.01	Pass
			6	23.25	0.82	24.07	<=33.01	Pass
			13	23.13	0.82	23.95	<=33.01	Pass
		25	0	23.16	0.82	23.98	<=33.01	Pass
	1907.5	1	0	23.96	0.82	24.78	<=33.01	Pass
			13	24.14	0.82	24.96	<=33.01	Pass
			24	23.99	0.82	24.81	<=33.01	Pass
		12	0	23.09	0.82	23.91	<=33.01	Pass
			6	23.11	0.82	23.93	<=33.01	Pass
			13	23.05	0.82	23.87	<=33.01	Pass
		25	0	23.05	0.82	23.87	<=33.01	Pass
16QAM	1852.5	1	0	22.96	0.82	23.78	<=33.01	Pass
			13	23.19	0.82	24.01	<=33.01	Pass
			24	23.05	0.82	23.87	<=33.01	Pass
		12	0	21.93	0.82	22.75	<=33.01	Pass
			6	22.00	0.82	22.82	<=33.01	Pass
			13	22.00	0.82	22.82	<=33.01	Pass
		25	0	21.97	0.82	22.79	<=33.01	Pass
	1880	1	0	23.29	0.82	24.11	<=33.01	Pass
			13	23.43	0.82	24.25	<=33.01	Pass
			24	23.29	0.82	24.11	<=33.01	Pass
		12	0	22.16	0.82	22.98	<=33.01	Pass
			6	22.23	0.82	23.05	<=33.01	Pass
			13	22.14	0.82	22.96	<=33.01	Pass
		25	0	22.13	0.82	22.95	<=33.01	Pass
	1907.5	1	0	22.78	0.82	23.60	<=33.01	Pass
			13	22.94	0.82	23.76	<=33.01	Pass
			24	22.82	0.82	23.64	<=33.01	Pass
		12	0	22.03	0.82	22.85	<=33.01	Pass
			6	22.13	0.82	22.95	<=33.01	Pass
			13	22.04	0.82	22.86	<=33.01	Pass
		25	0	22.13	0.82	22.95	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.02	0.82	24.84	<=33.01	Pass
			25	24.20	0.82	25.02	<=33.01	Pass
			49	24.04	0.82	24.86	<=33.01	Pass
		25	0	23.02	0.82	23.84	<=33.01	Pass
			13	23.09	0.82	23.91	<=33.01	Pass
			25	23.05	0.82	23.87	<=33.01	Pass
		50	0	23.04	0.82	23.86	<=33.01	Pass
	1880	1	0	24.03	0.82	24.85	<=33.01	Pass
			25	24.25	0.82	25.07	<=33.01	Pass
			49	24.05	0.82	24.87	<=33.01	Pass
		25	0	23.15	0.82	23.97	<=33.01	Pass
			13	23.18	0.82	24.00	<=33.01	Pass
			25	23.16	0.82	23.98	<=33.01	Pass
		50	0	23.19	0.82	24.01	<=33.01	Pass
	1905	1	0	24.03	0.82	24.85	<=33.01	Pass
			25	24.20	0.82	25.02	<=33.01	Pass
			49	24.08	0.82	24.90	<=33.01	Pass
		25	0	23.14	0.82	23.96	<=33.01	Pass
			13	23.05	0.82	23.87	<=33.01	Pass
			25	23.04	0.82	23.86	<=33.01	Pass
		50	0	23.05	0.82	23.87	<=33.01	Pass
16QAM	1855	1	0	23.00	0.82	23.82	<=33.01	Pass
			25	23.17	0.82	23.99	<=33.01	Pass
			49	23.07	0.82	23.89	<=33.01	Pass
		25	0	22.10	0.82	22.92	<=33.01	Pass
			13	22.13	0.82	22.95	<=33.01	Pass
			25	22.13	0.82	22.95	<=33.01	Pass
		50	0	22.07	0.82	22.89	<=33.01	Pass
	1880	1	0	23.19	0.82	24.01	<=33.01	Pass
			25	23.44	0.82	24.26	<=33.01	Pass
			49	23.26	0.82	24.08	<=33.01	Pass
		25	0	22.14	0.82	22.96	<=33.01	Pass
			13	22.17	0.82	22.99	<=33.01	Pass
			25	22.17	0.82	22.99	<=33.01	Pass
		50	0	22.15	0.82	22.97	<=33.01	Pass
	1905	1	0	23.48	0.82	24.30	<=33.01	Pass
			25	23.66	0.82	24.48	<=33.01	Pass
			49	23.49	0.82	24.31	<=33.01	Pass
		25	0	22.21	0.82	23.03	<=33.01	Pass
			13	22.13	0.82	22.95	<=33.01	Pass
			25	22.10	0.82	22.92	<=33.01	Pass
		50	0	22.12	0.82	22.94	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

Band: 2 / Bandwidth: 15MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	23.89	0.82	24.71	<=33.01	Pass		
			38	24.12	0.82	24.94	<=33.01	Pass		
			74	23.95	0.82	24.77	<=33.01	Pass		
		36	0	23.10	0.82	23.92	<=33.01	Pass		
			18	23.12	0.82	23.94	<=33.01	Pass		
			39	23.17	0.82	23.99	<=33.01	Pass		
		75	0	23.13	0.82	23.95	<=33.01	Pass		
		1880	1	0	23.99	0.82	24.81	<=33.01	Pass	
				38	24.15	0.82	24.97	<=33.01	Pass	
	74			24.01	0.82	24.83	<=33.01	Pass		
	36		0	23.18	0.82	24.00	<=33.01	Pass		
			18	23.22	0.82	24.04	<=33.01	Pass		
			39	23.24	0.82	24.06	<=33.01	Pass		
	75	0	23.23	0.82	24.05	<=33.01	Pass			
	1902.5	1	0	23.94	0.82	24.76	<=33.01	Pass		
			38	24.09	0.82	24.91	<=33.01	Pass		
			74	23.97	0.82	24.79	<=33.01	Pass		
		36	0	23.19	0.82	24.01	<=33.01	Pass		
			18	23.16	0.82	23.98	<=33.01	Pass		
			39	23.10	0.82	23.92	<=33.01	Pass		
		75	0	23.13	0.82	23.95	<=33.01	Pass		
		16QAM	1857.5	1	0	23.21	0.82	24.03	<=33.01	Pass
					38	23.45	0.82	24.27	<=33.01	Pass
	74				23.29	0.82	24.11	<=33.01	Pass	
36	0			22.02	0.82	22.84	<=33.01	Pass		
	18			22.06	0.82	22.88	<=33.01	Pass		
	39			22.09	0.82	22.91	<=33.01	Pass		
75	0			22.09	0.82	22.91	<=33.01	Pass		
1880	1			0	23.15	0.82	23.97	<=33.01	Pass	
				38	23.36	0.82	24.18	<=33.01	Pass	
			74	23.18	0.82	24.00	<=33.01	Pass		
	36		0	22.14	0.82	22.96	<=33.01	Pass		
			18	22.18	0.82	23.00	<=33.01	Pass		
			39	22.15	0.82	22.97	<=33.01	Pass		
75	0		22.18	0.82	23.00	<=33.01	Pass			
1902.5	1		0	23.45	0.82	24.27	<=33.01	Pass		
			38	23.58	0.82	24.40	<=33.01	Pass		
			74	23.40	0.82	24.22	<=33.01	Pass		
	36		0	22.19	0.82	23.01	<=33.01	Pass		
			18	22.17	0.82	22.99	<=33.01	Pass		
			39	22.09	0.82	22.91	<=33.01	Pass		
	75		0	22.13	0.82	22.95	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.68	0.82	24.50	<=33.01	Pass
			50	24.21	0.82	25.03	<=33.01	Pass
			99	23.80	0.82	24.62	<=33.01	Pass
		50	0	23.09	0.82	23.91	<=33.01	Pass
			25	23.11	0.82	23.93	<=33.01	Pass
			50	23.05	0.82	23.87	<=33.01	Pass
		100	0	23.05	0.82	23.87	<=33.01	Pass
	1880	1	0	23.81	0.82	24.63	<=33.01	Pass
			50	24.30	0.82	25.12	<=33.01	Pass
			99	23.88	0.82	24.70	<=33.01	Pass
		50	0	23.14	0.82	23.96	<=33.01	Pass
			25	23.14	0.82	23.96	<=33.01	Pass
			50	23.16	0.82	23.98	<=33.01	Pass
		100	0	23.15	0.82	23.97	<=33.01	Pass
	1900	1	0	23.79	0.82	24.61	<=33.01	Pass
			50	24.24	0.82	25.06	<=33.01	Pass
			99	23.84	0.82	24.66	<=33.01	Pass
		50	0	23.06	0.82	23.88	<=33.01	Pass
			25	23.07	0.82	23.89	<=33.01	Pass
			50	22.85	0.82	23.67	<=33.01	Pass
		100	0	23.01	0.82	23.83	<=33.01	Pass
16QAM	1860	1	0	23.21	0.82	24.03	<=33.01	Pass
			50	23.71	0.82	24.53	<=33.01	Pass
			99	23.36	0.82	24.18	<=33.01	Pass
		50	0	22.00	0.82	22.82	<=33.01	Pass
			25	22.10	0.82	22.92	<=33.01	Pass
			50	22.02	0.82	22.84	<=33.01	Pass
		100	0	22.04	0.82	22.86	<=33.01	Pass
	1880	1	0	23.05	0.82	23.87	<=33.01	Pass
			50	23.48	0.82	24.30	<=33.01	Pass
			99	23.07	0.82	23.89	<=33.01	Pass
		50	0	22.10	0.82	22.92	<=33.01	Pass
			25	22.12	0.82	22.94	<=33.01	Pass
			50	22.14	0.82	22.96	<=33.01	Pass
		100	0	22.13	0.82	22.95	<=33.01	Pass
	1900	1	0	23.07	0.82	23.89	<=33.01	Pass
			50	23.50	0.82	24.32	<=33.01	Pass
			99	23.05	0.82	23.87	<=33.01	Pass
		50	0	22.08	0.82	22.90	<=33.01	Pass
			25	22.12	0.82	22.94	<=33.01	Pass
			50	21.88	0.82	22.70	<=33.01	Pass
		100	0	22.04	0.82	22.86	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.31	9.427	0.0051	-2.5 to 2.5	Pass
					3.89	-0.172	-0.0001	-2.5 to 2.5	Pass
					4.47	0.916	0.0005	-2.5 to 2.5	Pass
				-30	3.89	-3.862	-0.0021	-2.5 to 2.5	Pass
				-20	3.89	-6.380	-0.0034	-2.5 to 2.5	Pass
				-10	3.89	-8.855	-0.0048	-2.5 to 2.5	Pass
				0	3.89	-10.786	-0.0058	-2.5 to 2.5	Pass
				10	3.89	-5.021	-0.0027	-2.5 to 2.5	Pass
				30	3.89	-11.802	-0.0064	-2.5 to 2.5	Pass
				40	3.89	-31.443	-0.0170	-2.5 to 2.5	Pass
				50	3.89	-11.888	-0.0064	-2.5 to 2.5	Pass
	1880	6	0	20	3.31	-9.370	-0.0050	-2.5 to 2.5	Pass
					3.89	-12.789	-0.0068	-2.5 to 2.5	Pass
					4.47	-10.915	-0.0058	-2.5 to 2.5	Pass
				-30	3.89	-4.134	-0.0022	-2.5 to 2.5	Pass
				-20	3.89	-7.868	-0.0042	-2.5 to 2.5	Pass
				-10	3.89	-9.670	-0.0051	-2.5 to 2.5	Pass
				0	3.89	-4.506	-0.0024	-2.5 to 2.5	Pass
				10	3.89	-2.975	-0.0016	-2.5 to 2.5	Pass
				30	3.89	-12.202	-0.0065	-2.5 to 2.5	Pass
				40	3.89	-5.651	-0.0030	-2.5 to 2.5	Pass
				50	3.89	-3.676	-0.0020	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.31	-15.178	-0.0079	-2.5 to 2.5	Pass
					3.89	-15.821	-0.0083	-2.5 to 2.5	Pass
					4.47	-3.834	-0.0020	-2.5 to 2.5	Pass
				-30	3.89	-9.341	-0.0049	-2.5 to 2.5	Pass
				-20	3.89	-4.649	-0.0024	-2.5 to 2.5	Pass
				-10	3.89	-8.783	-0.0046	-2.5 to 2.5	Pass
				0	3.89	-14.319	-0.0075	-2.5 to 2.5	Pass
				10	3.89	-9.427	-0.0049	-2.5 to 2.5	Pass
				30	3.89	-4.892	-0.0026	-2.5 to 2.5	Pass
				40	3.89	-8.426	-0.0044	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.31	-13.905	-0.0075	-2.5 to 2.5	Pass
					3.89	-1.988	-0.0011	-2.5 to 2.5	Pass
					4.47	-9.012	-0.0049	-2.5 to 2.5	Pass
				-30	3.89	-7.296	-0.0039	-2.5 to 2.5	Pass
				-20	3.89	-6.537	-0.0035	-2.5 to 2.5	Pass
				-10	3.89	-5.307	-0.0029	-2.5 to 2.5	Pass
				0	3.89	-4.320	-0.0023	-2.5 to 2.5	Pass
				10	3.89	-8.368	-0.0045	-2.5 to 2.5	Pass
				30	3.89	-7.710	-0.0042	-2.5 to 2.5	Pass
				40	3.89	-5.679	-0.0031	-2.5 to 2.5	Pass
				50	3.89	-10.085	-0.0054	-2.5 to 2.5	Pass
	1880	6	0	20	3.31	-9.999	-0.0053	-2.5 to 2.5	Pass
					3.89	-10.214	-0.0054	-2.5 to 2.5	Pass
					4.47	-9.499	-0.0051	-2.5 to 2.5	Pass
				-30	3.89	-10.057	-0.0053	-2.5 to 2.5	Pass
				-20	3.89	-9.584	-0.0051	-2.5 to 2.5	Pass
				-10	3.89	-1.616	-0.0009	-2.5 to 2.5	Pass

				0	3.89	-8.283	-0.0044	-2.5 to 2.5	Pass
				10	3.89	-8.912	-0.0047	-2.5 to 2.5	Pass
				30	3.89	-13.032	-0.0069	-2.5 to 2.5	Pass
				40	3.89	-7.610	-0.0040	-2.5 to 2.5	Pass
				50	3.89	-3.490	-0.0019	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.31	-12.202	-0.0064	-2.5 to 2.5	Pass
					3.89	-9.956	-0.0052	-2.5 to 2.5	Pass
					4.47	-3.047	-0.0016	-2.5 to 2.5	Pass
				-30	3.89	-4.163	-0.0022	-2.5 to 2.5	Pass
				-20	3.89	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.89	-12.088	-0.0063	-2.5 to 2.5	Pass
				0	3.89	-3.777	-0.0020	-2.5 to 2.5	Pass
				10	3.89	-8.826	-0.0046	-2.5 to 2.5	Pass
				30	3.89	-7.095	-0.0037	-2.5 to 2.5	Pass
				40	3.89	-13.790	-0.0072	-2.5 to 2.5	Pass
				50	3.89	-12.946	-0.0068	-2.5 to 2.5	Pass

2.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.31	-4.077	-0.0022	-2.5 to 2.5	Pass
					3.89	-10.929	-0.0059	-2.5 to 2.5	Pass
					4.47	-4.292	-0.0023	-2.5 to 2.5	Pass
				-30	3.89	-11.959	-0.0065	-2.5 to 2.5	Pass
				-20	3.89	-6.166	-0.0033	-2.5 to 2.5	Pass
				-10	3.89	-13.719	-0.0074	-2.5 to 2.5	Pass
				0	3.89	-5.593	-0.0030	-2.5 to 2.5	Pass
				10	3.89	-9.770	-0.0053	-2.5 to 2.5	Pass
				30	3.89	-3.161	-0.0017	-2.5 to 2.5	Pass
				40	3.89	-5.722	-0.0031	-2.5 to 2.5	Pass
	1880	15	0	20	3.31	-3.805	-0.0020	-2.5 to 2.5	Pass
					3.89	-18.296	-0.0097	-2.5 to 2.5	Pass
					4.47	-10.800	-0.0057	-2.5 to 2.5	Pass
				-30	3.89	-13.461	-0.0072	-2.5 to 2.5	Pass
				-20	3.89	-7.138	-0.0038	-2.5 to 2.5	Pass
				-10	3.89	-8.726	-0.0046	-2.5 to 2.5	Pass
				0	3.89	-9.255	-0.0049	-2.5 to 2.5	Pass
				10	3.89	-12.589	-0.0067	-2.5 to 2.5	Pass
				30	3.89	-13.075	-0.0070	-2.5 to 2.5	Pass
				40	3.89	-10.743	-0.0057	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.31	-9.813	-0.0051	-2.5 to 2.5	Pass
					3.89	-15.707	-0.0082	-2.5 to 2.5	Pass
					4.47	-10.729	-0.0056	-2.5 to 2.5	Pass
				-30	3.89	-11.644	-0.0061	-2.5 to 2.5	Pass
				-20	3.89	-10.071	-0.0053	-2.5 to 2.5	Pass
				-10	3.89	-13.046	-0.0068	-2.5 to 2.5	Pass
				0	3.89	-6.108	-0.0032	-2.5 to 2.5	Pass
				10	3.89	-12.789	-0.0067	-2.5 to 2.5	Pass
				30	3.89	-9.770	-0.0051	-2.5 to 2.5	Pass
				40	3.89	-11.001	-0.0058	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.31	-5.379	-0.0029	-2.5 to 2.5	Pass
					3.89	-1.631	-0.0009	-2.5 to 2.5	Pass
					4.47	-3.648	-0.0020	-2.5 to 2.5	Pass

				-30	3.89	-0.243	-0.0001	-2.5 to 2.5	Pass
				-20	3.89	-3.691	-0.0020	-2.5 to 2.5	Pass
				-10	3.89	-10.085	-0.0054	-2.5 to 2.5	Pass
				0	3.89	-12.059	-0.0065	-2.5 to 2.5	Pass
				10	3.89	-5.751	-0.0031	-2.5 to 2.5	Pass
				30	3.89	-6.351	-0.0034	-2.5 to 2.5	Pass
				40	3.89	-7.982	-0.0043	-2.5 to 2.5	Pass
				50	3.89	-9.542	-0.0052	-2.5 to 2.5	Pass
	1880	15	0	20	3.31	-8.483	-0.0045	-2.5 to 2.5	Pass
					3.89	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.47	-13.690	-0.0073	-2.5 to 2.5	Pass
				-30	3.89	-4.592	-0.0024	-2.5 to 2.5	Pass
				-20	3.89	-8.125	-0.0043	-2.5 to 2.5	Pass
				-10	3.89	-7.339	-0.0039	-2.5 to 2.5	Pass
				0	3.89	-8.926	-0.0047	-2.5 to 2.5	Pass
				10	3.89	-3.505	-0.0019	-2.5 to 2.5	Pass
				30	3.89	-11.730	-0.0062	-2.5 to 2.5	Pass
				40	3.89	-4.978	-0.0026	-2.5 to 2.5	Pass
				50	3.89	-10.343	-0.0055	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.31	-5.965	-0.0031	-2.5 to 2.5	Pass
					3.89	2.460	0.0013	-2.5 to 2.5	Pass
					4.47	-2.775	-0.0015	-2.5 to 2.5	Pass
				-30	3.89	-9.527	-0.0050	-2.5 to 2.5	Pass
				-20	3.89	2.618	0.0014	-2.5 to 2.5	Pass
				-10	3.89	-13.003	-0.0068	-2.5 to 2.5	Pass
				0	3.89	-11.444	-0.0060	-2.5 to 2.5	Pass
				10	3.89	-9.241	-0.0048	-2.5 to 2.5	Pass
				30	3.89	-3.133	-0.0016	-2.5 to 2.5	Pass
				40	3.89	-4.749	-0.0025	-2.5 to 2.5	Pass
				50	3.89	-11.816	-0.0062	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.31	-13.061	-0.0071	-2.5 to 2.5	Pass
					3.89	-8.712	-0.0047	-2.5 to 2.5	Pass
					4.47	-7.825	-0.0042	-2.5 to 2.5	Pass
				-30	3.89	-9.398	-0.0051	-2.5 to 2.5	Pass
				-20	3.89	-5.322	-0.0029	-2.5 to 2.5	Pass
				-10	3.89	-9.785	-0.0053	-2.5 to 2.5	Pass
				0	3.89	-7.181	-0.0039	-2.5 to 2.5	Pass
				10	3.89	-8.068	-0.0044	-2.5 to 2.5	Pass
				30	3.89	-3.090	-0.0017	-2.5 to 2.5	Pass
				40	3.89	-9.756	-0.0053	-2.5 to 2.5	Pass
				50	3.89	-9.027	-0.0049	-2.5 to 2.5	Pass
	1880	25	0	20	3.31	-15.922	-0.0085	-2.5 to 2.5	Pass
					3.89	-10.600	-0.0056	-2.5 to 2.5	Pass
					4.47	-7.896	-0.0042	-2.5 to 2.5	Pass
				-30	3.89	-4.549	-0.0024	-2.5 to 2.5	Pass
				-20	3.89	-13.390	-0.0071	-2.5 to 2.5	Pass
				-10	3.89	-6.866	-0.0037	-2.5 to 2.5	Pass
				0	3.89	-7.467	-0.0040	-2.5 to 2.5	Pass
				10	3.89	-10.200	-0.0054	-2.5 to 2.5	Pass
				30	3.89	-5.536	-0.0029	-2.5 to 2.5	Pass
				40	3.89	0.386	0.0002	-2.5 to 2.5	Pass
				50	3.89	-5.708	-0.0030	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.31	-12.074	-0.0063	-2.5 to 2.5	Pass
					3.89	-14.119	-0.0074	-2.5 to 2.5	Pass
					4.47	-8.140	-0.0043	-2.5 to 2.5	Pass
				-30	3.89	-2.761	-0.0014	-2.5 to 2.5	Pass
				-20	3.89	-6.366	-0.0033	-2.5 to 2.5	Pass
				-10	3.89	-6.509	-0.0034	-2.5 to 2.5	Pass
				0	3.89	-9.456	-0.0050	-2.5 to 2.5	Pass
				10	3.89	-5.207	-0.0027	-2.5 to 2.5	Pass
				30	3.89	-6.452	-0.0034	-2.5 to 2.5	Pass
				40	3.89	-10.600	-0.0056	-2.5 to 2.5	Pass
				50	3.89	-10.986	-0.0058	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.31	-8.898	-0.0048	-2.5 to 2.5	Pass
					3.89	-0.772	-0.0004	-2.5 to 2.5	Pass
					4.47	-3.877	-0.0021	-2.5 to 2.5	Pass
				-30	3.89	-9.112	-0.0049	-2.5 to 2.5	Pass
				-20	3.89	-17.209	-0.0093	-2.5 to 2.5	Pass
				-10	3.89	-4.663	-0.0025	-2.5 to 2.5	Pass
				0	3.89	-6.409	-0.0035	-2.5 to 2.5	Pass
				10	3.89	-4.778	-0.0026	-2.5 to 2.5	Pass
				30	3.89	-8.297	-0.0045	-2.5 to 2.5	Pass
				40	3.89	-9.327	-0.0050	-2.5 to 2.5	Pass
				50	3.89	-12.860	-0.0069	-2.5 to 2.5	Pass
	1880	25	0	20	3.31	1.674	0.0009	-2.5 to 2.5	Pass
					3.89	-8.297	-0.0044	-2.5 to 2.5	Pass
					4.47	-2.675	-0.0014	-2.5 to 2.5	Pass
				-30	3.89	-10.400	-0.0055	-2.5 to 2.5	Pass
				-20	3.89	-1.760	-0.0009	-2.5 to 2.5	Pass
				-10	3.89	-7.324	-0.0039	-2.5 to 2.5	Pass
				0	3.89	-7.038	-0.0037	-2.5 to 2.5	Pass
				10	3.89	0.072	0.0000	-2.5 to 2.5	Pass
				30	3.89	-11.272	-0.0060	-2.5 to 2.5	Pass
				40	3.89	-7.582	-0.0040	-2.5 to 2.5	Pass
				50	3.89	-2.174	-0.0012	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.31	-12.503	-0.0066	-2.5 to 2.5	Pass
					3.89	-1.173	-0.0006	-2.5 to 2.5	Pass
					4.47	-6.337	-0.0033	-2.5 to 2.5	Pass
				-30	3.89	-4.606	-0.0024	-2.5 to 2.5	Pass
				-20	3.89	-7.281	-0.0038	-2.5 to 2.5	Pass
				-10	3.89	-1.745	-0.0009	-2.5 to 2.5	Pass
				0	3.89	-8.554	-0.0045	-2.5 to 2.5	Pass
				10	3.89	-5.407	-0.0028	-2.5 to 2.5	Pass
				30	3.89	-6.809	-0.0036	-2.5 to 2.5	Pass
				40	3.89	-8.626	-0.0045	-2.5 to 2.5	Pass
				50	3.89	-6.795	-0.0036	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.31	-8.798	-0.0047	-2.5 to 2.5	Pass
					3.89	-2.818	-0.0015	-2.5 to 2.5	Pass
					4.47	-4.148	-0.0022	-2.5 to 2.5	Pass
				-30	3.89	-6.752	-0.0036	-2.5 to 2.5	Pass
				-20	3.89	-2.003	-0.0011	-2.5 to 2.5	Pass
				-10	3.89	-6.652	-0.0036	-2.5 to 2.5	Pass
				0	3.89	-7.038	-0.0038	-2.5 to 2.5	Pass
				10	3.89	-7.682	-0.0041	-2.5 to 2.5	Pass

				30	3.89	-1.159	-0.0006	-2.5 to 2.5	Pass
				40	3.89	-7.668	-0.0041	-2.5 to 2.5	Pass
				50	3.89	-7.839	-0.0042	-2.5 to 2.5	Pass
	1880	50	0	20	3.31	-15.121	-0.0080	-2.5 to 2.5	Pass
					3.89	-7.410	-0.0039	-2.5 to 2.5	Pass
					4.47	-8.326	-0.0044	-2.5 to 2.5	Pass
				-30	3.89	-5.579	-0.0030	-2.5 to 2.5	Pass
				-20	3.89	-7.553	-0.0040	-2.5 to 2.5	Pass
				-10	3.89	-2.747	-0.0015	-2.5 to 2.5	Pass
				0	3.89	-5.507	-0.0029	-2.5 to 2.5	Pass
				10	3.89	-12.946	-0.0069	-2.5 to 2.5	Pass
				30	3.89	-1.760	-0.0009	-2.5 to 2.5	Pass
				40	3.89	-8.798	-0.0047	-2.5 to 2.5	Pass
				50	3.89	-7.739	-0.0041	-2.5 to 2.5	Pass
	1905	50	0	20	3.31	-11.387	-0.0060	-2.5 to 2.5	Pass
					3.89	-5.665	-0.0030	-2.5 to 2.5	Pass
					4.47	-4.091	-0.0021	-2.5 to 2.5	Pass
				-30	3.89	-5.307	-0.0028	-2.5 to 2.5	Pass
				-20	3.89	-6.280	-0.0033	-2.5 to 2.5	Pass
				-10	3.89	-3.605	-0.0019	-2.5 to 2.5	Pass
				0	3.89	-8.812	-0.0046	-2.5 to 2.5	Pass
				10	3.89	-3.963	-0.0021	-2.5 to 2.5	Pass
				30	3.89	-7.324	-0.0038	-2.5 to 2.5	Pass
				40	3.89	-6.952	-0.0036	-2.5 to 2.5	Pass
				50	3.89	-2.117	-0.0011	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.31	-7.925	-0.0043	-2.5 to 2.5	Pass
					3.89	-1.831	-0.0010	-2.5 to 2.5	Pass
					4.47	-3.548	-0.0019	-2.5 to 2.5	Pass
				-30	3.89	-0.615	-0.0003	-2.5 to 2.5	Pass
				-20	3.89	-2.232	-0.0012	-2.5 to 2.5	Pass
				-10	3.89	-0.286	-0.0002	-2.5 to 2.5	Pass
				0	3.89	4.721	0.0025	-2.5 to 2.5	Pass
				10	3.89	3.977	0.0021	-2.5 to 2.5	Pass
				30	3.89	-5.465	-0.0029	-2.5 to 2.5	Pass
				40	3.89	-1.645	-0.0009	-2.5 to 2.5	Pass
				50	3.89	-0.815	-0.0004	-2.5 to 2.5	Pass
	1880	50	0	20	3.31	-6.709	-0.0036	-2.5 to 2.5	Pass
					3.89	-3.104	-0.0017	-2.5 to 2.5	Pass
					4.47	-3.476	-0.0018	-2.5 to 2.5	Pass
				-30	3.89	-6.394	-0.0034	-2.5 to 2.5	Pass
				-20	3.89	-5.422	-0.0029	-2.5 to 2.5	Pass
				-10	3.89	-9.341	-0.0050	-2.5 to 2.5	Pass
				0	3.89	-6.580	-0.0035	-2.5 to 2.5	Pass
				10	3.89	-6.280	-0.0033	-2.5 to 2.5	Pass
				30	3.89	0.157	0.0001	-2.5 to 2.5	Pass
				40	3.89	-11.859	-0.0063	-2.5 to 2.5	Pass
				50	3.89	-6.638	-0.0035	-2.5 to 2.5	Pass
	1905	50	0	20	3.31	-1.788	-0.0009	-2.5 to 2.5	Pass
					3.89	-2.460	-0.0013	-2.5 to 2.5	Pass
					4.47	0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.89	-8.612	-0.0045	-2.5 to 2.5	Pass
				-20	3.89	-2.060	-0.0011	-2.5 to 2.5	Pass
				-10	3.89	-1.802	-0.0009	-2.5 to 2.5	Pass
				0	3.89	-3.891	-0.0020	-2.5 to 2.5	Pass
				10	3.89	-6.566	-0.0034	-2.5 to 2.5	Pass
				30	3.89	-2.561	-0.0013	-2.5 to 2.5	Pass
				40	3.89	-5.550	-0.0029	-2.5 to 2.5	Pass
				50	3.89	-1.216	-0.0006	-2.5 to 2.5	Pass

2.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.31	-3.777	-0.0020	-2.5 to 2.5	Pass
					3.89	-6.895	-0.0037	-2.5 to 2.5	Pass
					4.47	-1.931	-0.0010	-2.5 to 2.5	Pass
				-30	3.89	-3.762	-0.0020	-2.5 to 2.5	Pass
				-20	3.89	-4.950	-0.0027	-2.5 to 2.5	Pass
				-10	3.89	-3.090	-0.0017	-2.5 to 2.5	Pass
				0	3.89	3.333	0.0018	-2.5 to 2.5	Pass
				10	3.89	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	3.89	-5.836	-0.0031	-2.5 to 2.5	Pass
				40	3.89	-6.294	-0.0034	-2.5 to 2.5	Pass
				50	3.89	-5.178	-0.0028	-2.5 to 2.5	Pass
	1880	75	0	20	3.31	-14.849	-0.0079	-2.5 to 2.5	Pass
					3.89	-6.037	-0.0032	-2.5 to 2.5	Pass
					4.47	-4.978	-0.0026	-2.5 to 2.5	Pass
				-30	3.89	-5.937	-0.0032	-2.5 to 2.5	Pass
				-20	3.89	-9.813	-0.0052	-2.5 to 2.5	Pass
				-10	3.89	-7.124	-0.0038	-2.5 to 2.5	Pass
				0	3.89	-5.021	-0.0027	-2.5 to 2.5	Pass
				10	3.89	-8.025	-0.0043	-2.5 to 2.5	Pass
				30	3.89	-1.488	-0.0008	-2.5 to 2.5	Pass
				40	3.89	-10.328	-0.0055	-2.5 to 2.5	Pass
				50	3.89	-9.255	-0.0049	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.31	-8.783	-0.0046	-2.5 to 2.5	Pass
					3.89	-3.533	-0.0019	-2.5 to 2.5	Pass
					4.47	-12.331	-0.0065	-2.5 to 2.5	Pass
				-30	3.89	-2.260	-0.0012	-2.5 to 2.5	Pass
				-20	3.89	-6.852	-0.0036	-2.5 to 2.5	Pass
				-10	3.89	-5.836	-0.0031	-2.5 to 2.5	Pass
				0	3.89	-10.057	-0.0053	-2.5 to 2.5	Pass
				10	3.89	-3.004	-0.0016	-2.5 to 2.5	Pass
				30	3.89	-4.663	-0.0025	-2.5 to 2.5	Pass
				40	3.89	-9.828	-0.0052	-2.5 to 2.5	Pass
				50	3.89	-5.007	-0.0026	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.31	-6.938	-0.0037	-2.5 to 2.5	Pass
					3.89	-4.463	-0.0024	-2.5 to 2.5	Pass
					4.47	-4.878	-0.0026	-2.5 to 2.5	Pass
				-30	3.89	-3.076	-0.0017	-2.5 to 2.5	Pass
				-20	3.89	-5.965	-0.0032	-2.5 to 2.5	Pass
				-10	3.89	-5.693	-0.0031	-2.5 to 2.5	Pass
				0	3.89	-7.725	-0.0042	-2.5 to 2.5	Pass
				10	3.89	-4.978	-0.0027	-2.5 to 2.5	Pass
				30	3.89	-6.895	-0.0037	-2.5 to 2.5	Pass
				40	3.89	-11.888	-0.0064	-2.5 to 2.5	Pass
				50	3.89	-4.206	-0.0023	-2.5 to 2.5	Pass
	1880	75	0	20	3.31	-8.025	-0.0043	-2.5 to 2.5	Pass
					3.89	-5.336	-0.0028	-2.5 to 2.5	Pass
					4.47	-6.294	-0.0033	-2.5 to 2.5	Pass
				-30	3.89	-7.095	-0.0038	-2.5 to 2.5	Pass
				-20	3.89	-8.483	-0.0045	-2.5 to 2.5	Pass
				-10	3.89	-4.277	-0.0023	-2.5 to 2.5	Pass
				0	3.89	-8.025	-0.0043	-2.5 to 2.5	Pass
				10	3.89	-2.618	-0.0014	-2.5 to 2.5	Pass
				30	3.89	-3.462	-0.0018	-2.5 to 2.5	Pass
				40	3.89	-7.811	-0.0042	-2.5 to 2.5	Pass
				50	3.89	-3.819	-0.0020	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.31	-5.679	-0.0030	-2.5 to 2.5	Pass
					3.89	-3.262	-0.0017	-2.5 to 2.5	Pass
					4.47	-4.392	-0.0023	-2.5 to 2.5	Pass
				-30	3.89	-6.423	-0.0034	-2.5 to 2.5	Pass
				-20	3.89	-8.969	-0.0047	-2.5 to 2.5	Pass
				-10	3.89	-6.437	-0.0034	-2.5 to 2.5	Pass
				0	3.89	-4.992	-0.0026	-2.5 to 2.5	Pass
				10	3.89	-4.120	-0.0022	-2.5 to 2.5	Pass
				30	3.89	-2.861	-0.0015	-2.5 to 2.5	Pass
				40	3.89	-1.216	-0.0006	-2.5 to 2.5	Pass
				50	3.89	-9.184	-0.0048	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.31	-5.550	-0.0030	-2.5 to 2.5	Pass
					3.89	-1.917	-0.0010	-2.5 to 2.5	Pass
					4.47	-2.975	-0.0016	-2.5 to 2.5	Pass
				-30	3.89	-2.174	-0.0012	-2.5 to 2.5	Pass
				-20	3.89	-2.618	-0.0014	-2.5 to 2.5	Pass
				-10	3.89	-6.781	-0.0036	-2.5 to 2.5	Pass
				0	3.89	-6.981	-0.0038	-2.5 to 2.5	Pass
				10	3.89	-9.327	-0.0050	-2.5 to 2.5	Pass
				30	3.89	-1.545	-0.0008	-2.5 to 2.5	Pass
				40	3.89	-2.260	-0.0012	-2.5 to 2.5	Pass
				50	3.89	-8.068	-0.0043	-2.5 to 2.5	Pass
	1880	100	0	20	3.31	-8.254	-0.0044	-2.5 to 2.5	Pass
					3.89	-5.879	-0.0031	-2.5 to 2.5	Pass
					4.47	-12.045	-0.0064	-2.5 to 2.5	Pass
				-30	3.89	-10.128	-0.0054	-2.5 to 2.5	Pass
				-20	3.89	-5.836	-0.0031	-2.5 to 2.5	Pass
				-10	3.89	-5.836	-0.0031	-2.5 to 2.5	Pass
				0	3.89	-6.552	-0.0035	-2.5 to 2.5	Pass
				10	3.89	-7.367	-0.0039	-2.5 to 2.5	Pass
				30	3.89	-9.670	-0.0051	-2.5 to 2.5	Pass
				40	3.89	-8.841	-0.0047	-2.5 to 2.5	Pass
				50	3.89	-16.565	-0.0088	-2.5 to 2.5	Pass
	1900	100	0	20	3.31	-10.200	-0.0054	-2.5 to 2.5	Pass
					3.89	-7.868	-0.0041	-2.5 to 2.5	Pass
					4.47	-8.769	-0.0046	-2.5 to 2.5	Pass
				-30	3.89	-5.679	-0.0030	-2.5 to 2.5	Pass
				-20	3.89	-3.419	-0.0018	-2.5 to 2.5	Pass
				-10	3.89	-7.725	-0.0041	-2.5 to 2.5	Pass
				0	3.89	-2.618	-0.0014	-2.5 to 2.5	Pass
				10	3.89	-6.309	-0.0033	-2.5 to 2.5	Pass
				30	3.89	-9.398	-0.0049	-2.5 to 2.5	Pass
				40	3.89	-4.220	-0.0022	-2.5 to 2.5	Pass
				50	3.89	-7.496	-0.0039	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.31	-1.116	-0.0006	-2.5 to 2.5	Pass
					3.89	-4.034	-0.0022	-2.5 to 2.5	Pass
					4.47	-5.436	-0.0029	-2.5 to 2.5	Pass
				-30	3.89	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.89	-5.507	-0.0030	-2.5 to 2.5	Pass
				-10	3.89	-4.478	-0.0024	-2.5 to 2.5	Pass
				0	3.89	-3.347	-0.0018	-2.5 to 2.5	Pass
				10	3.89	-4.292	-0.0023	-2.5 to 2.5	Pass

				30	3.89	-1.960	-0.0011	-2.5 to 2.5	Pass
				40	3.89	-1.903	-0.0010	-2.5 to 2.5	Pass
				50	3.89	2.546	0.0014	-2.5 to 2.5	Pass
	1880	100	0	20	3.31	-10.357	-0.0055	-2.5 to 2.5	Pass
					3.89	-9.942	-0.0053	-2.5 to 2.5	Pass
					4.47	-3.934	-0.0021	-2.5 to 2.5	Pass
				-30	3.89	-8.540	-0.0045	-2.5 to 2.5	Pass
				-20	3.89	-3.977	-0.0021	-2.5 to 2.5	Pass
				-10	3.89	-8.440	-0.0045	-2.5 to 2.5	Pass
				0	3.89	-7.882	-0.0042	-2.5 to 2.5	Pass
				10	3.89	-8.082	-0.0043	-2.5 to 2.5	Pass
				30	3.89	-3.777	-0.0020	-2.5 to 2.5	Pass
				40	3.89	-3.033	-0.0016	-2.5 to 2.5	Pass
				50	3.89	-1.488	-0.0008	-2.5 to 2.5	Pass
	1900	100	0	20	3.31	-8.841	-0.0047	-2.5 to 2.5	Pass
					3.89	-7.224	-0.0038	-2.5 to 2.5	Pass
					4.47	-7.982	-0.0042	-2.5 to 2.5	Pass
				-30	3.89	-10.171	-0.0054	-2.5 to 2.5	Pass
				-20	3.89	-5.436	-0.0029	-2.5 to 2.5	Pass
				-10	3.89	-12.617	-0.0066	-2.5 to 2.5	Pass
				0	3.89	-10.500	-0.0055	-2.5 to 2.5	Pass
				10	3.89	-10.200	-0.0054	-2.5 to 2.5	Pass
				30	3.89	-2.947	-0.0016	-2.5 to 2.5	Pass
				40	3.89	-6.094	-0.0032	-2.5 to 2.5	Pass
				50	3.89	-2.732	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph		Pass
16QAM	1880	15	0	Refer To Test Graph		Pass

3.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

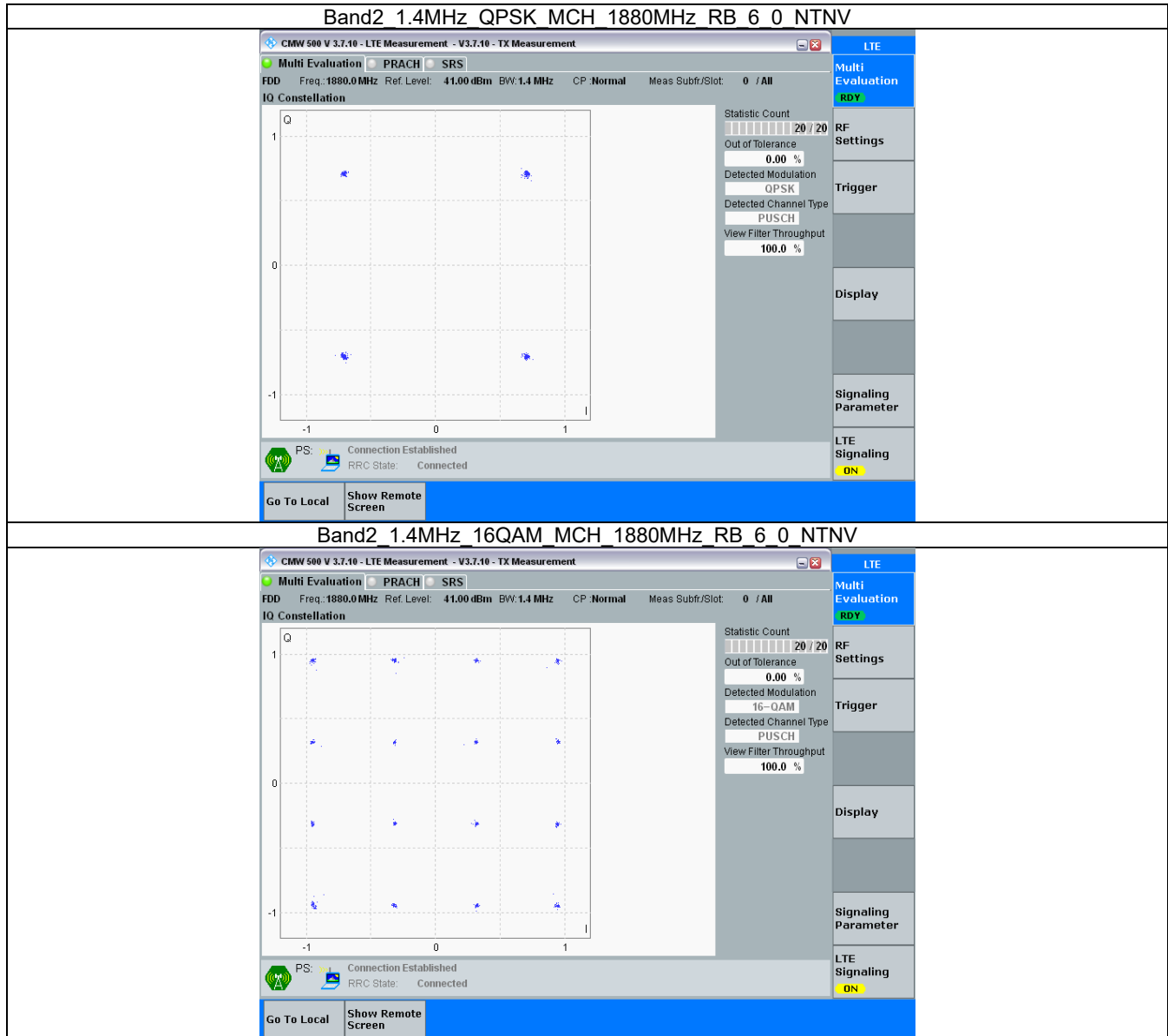
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

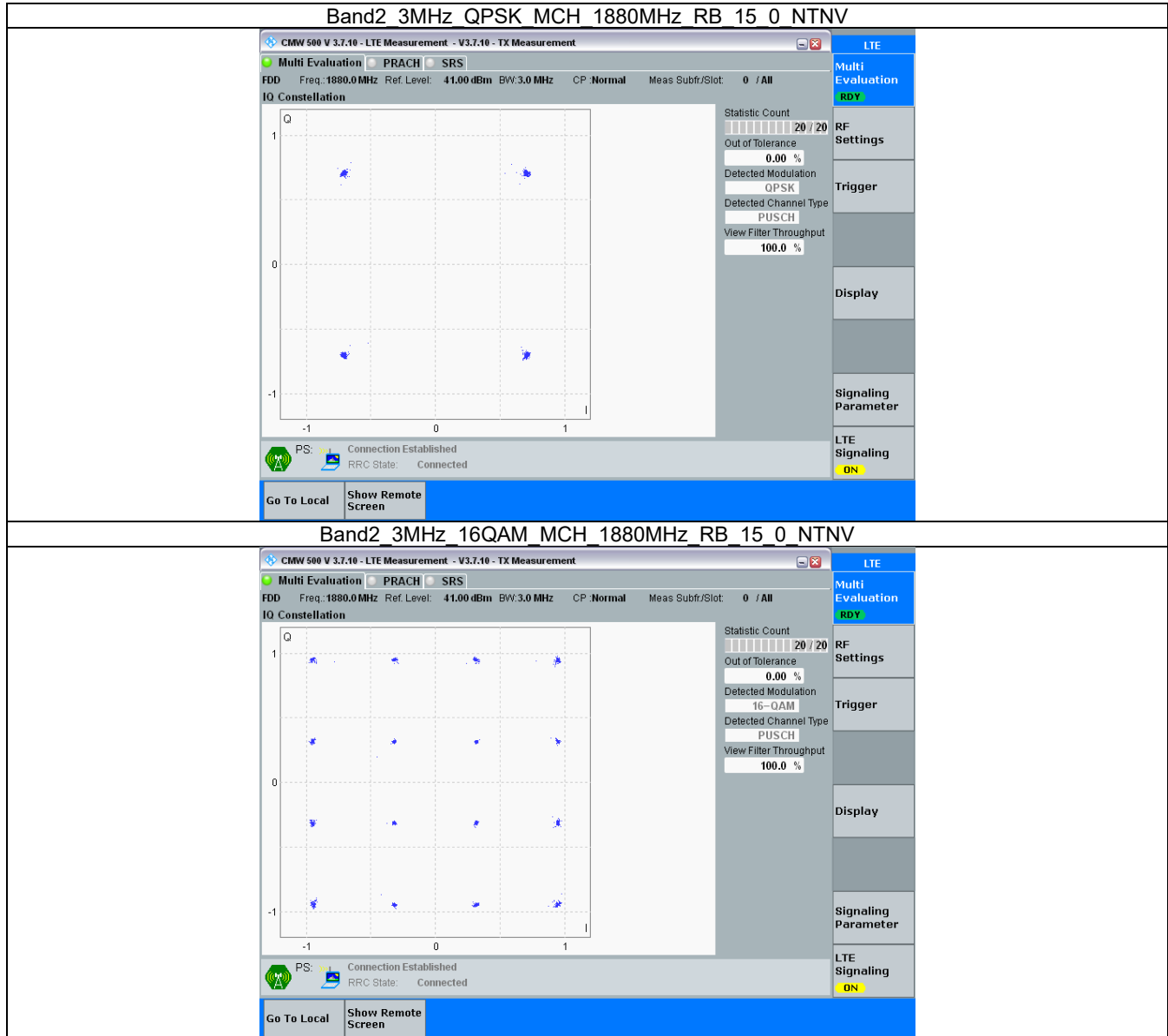
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

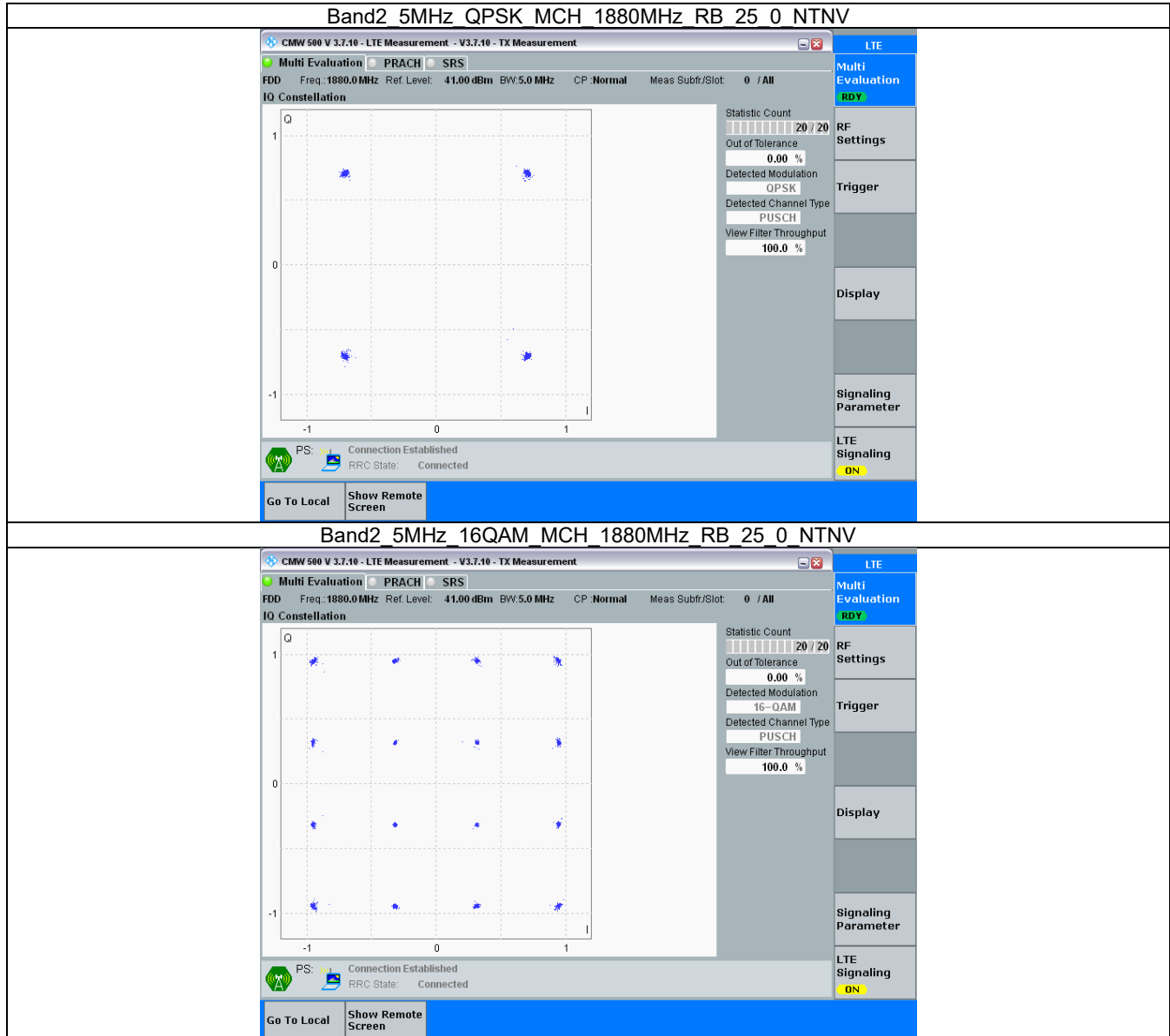
3.2.1 B2_1.4MHz



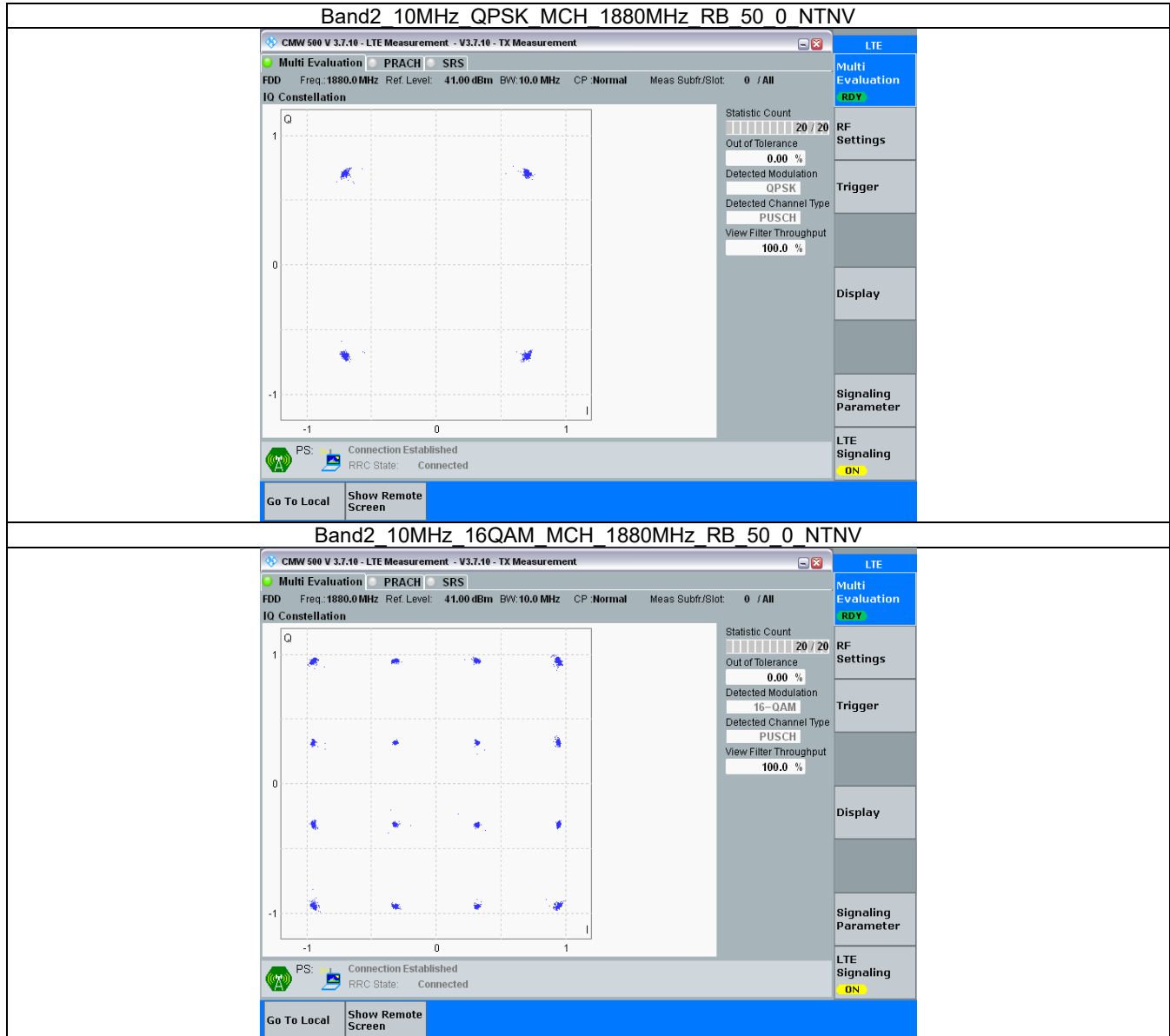
3.2.2 B2_3MHz



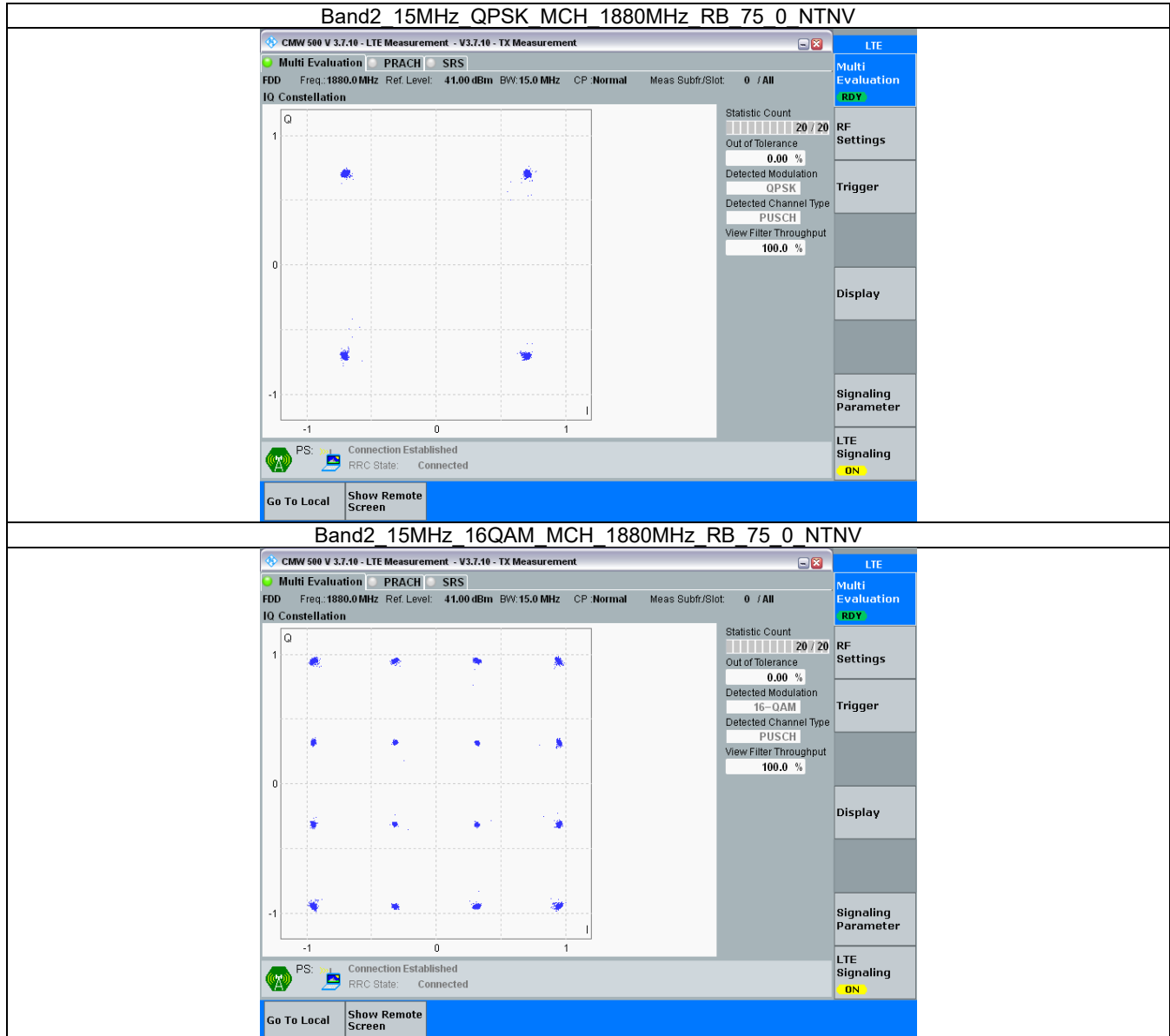
3.2.3 B2_5MHz



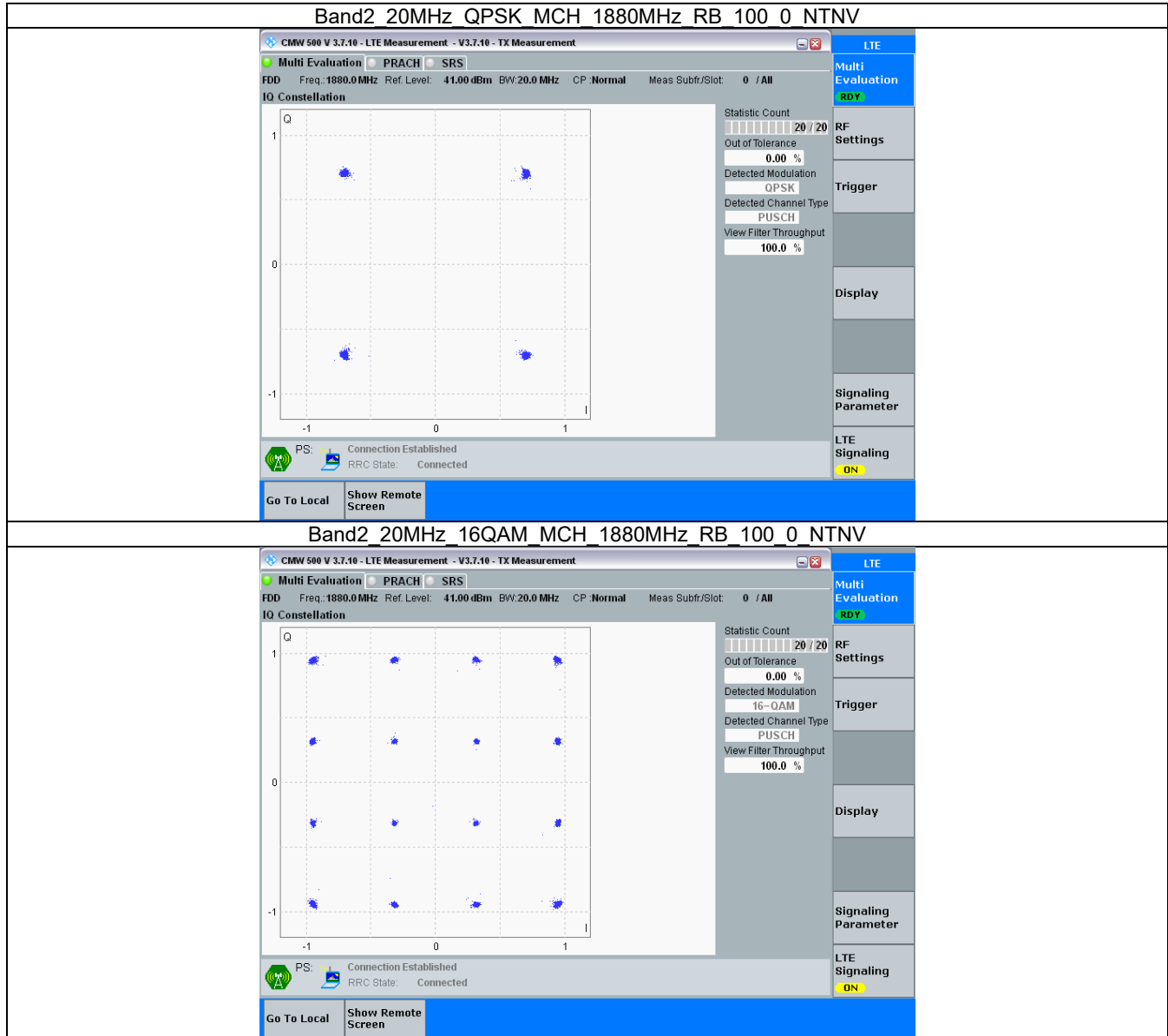
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.122	/	Pass
		1880	6	0	1.111	/	Pass
		1909.3	6	0	1.104	/	Pass
	16QAM	1850.7	6	0	1.101	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.117	/	Pass
3	QPSK	1851.5	15	0	2.718	/	Pass
		1880	15	0	2.728	/	Pass
		1908.5	15	0	2.731	/	Pass
	16QAM	1851.5	15	0	2.713	/	Pass
		1880	15	0	2.718	/	Pass
		1908.5	15	0	2.728	/	Pass
5	QPSK	1852.5	25	0	4.542	/	Pass
		1880	25	0	4.535	/	Pass
		1907.5	25	0	4.550	/	Pass
	16QAM	1852.5	25	0	4.551	/	Pass
		1880	25	0	4.534	/	Pass
		1907.5	25	0	4.529	/	Pass
10	QPSK	1855	50	0	9.048	/	Pass
		1880	50	0	9.057	/	Pass
		1905	50	0	9.078	/	Pass
	16QAM	1855	50	0	9.059	/	Pass
		1880	50	0	9.071	/	Pass
		1905	50	0	9.065	/	Pass
15	QPSK	1857.5	75	0	13.590	/	Pass
		1880	75	0	13.571	/	Pass
		1902.5	75	0	13.546	/	Pass
	16QAM	1857.5	75	0	13.610	/	Pass
		1880	75	0	13.606	/	Pass
		1902.5	75	0	13.610	/	Pass
20	QPSK	1860	100	0	18.098	/	Pass
		1880	100	0	18.071	/	Pass
		1900	100	0	18.074	/	Pass
	16QAM	1860	100	0	18.089	/	Pass
		1880	100	0	18.087	/	Pass
		1900	100	0	18.088	/	Pass

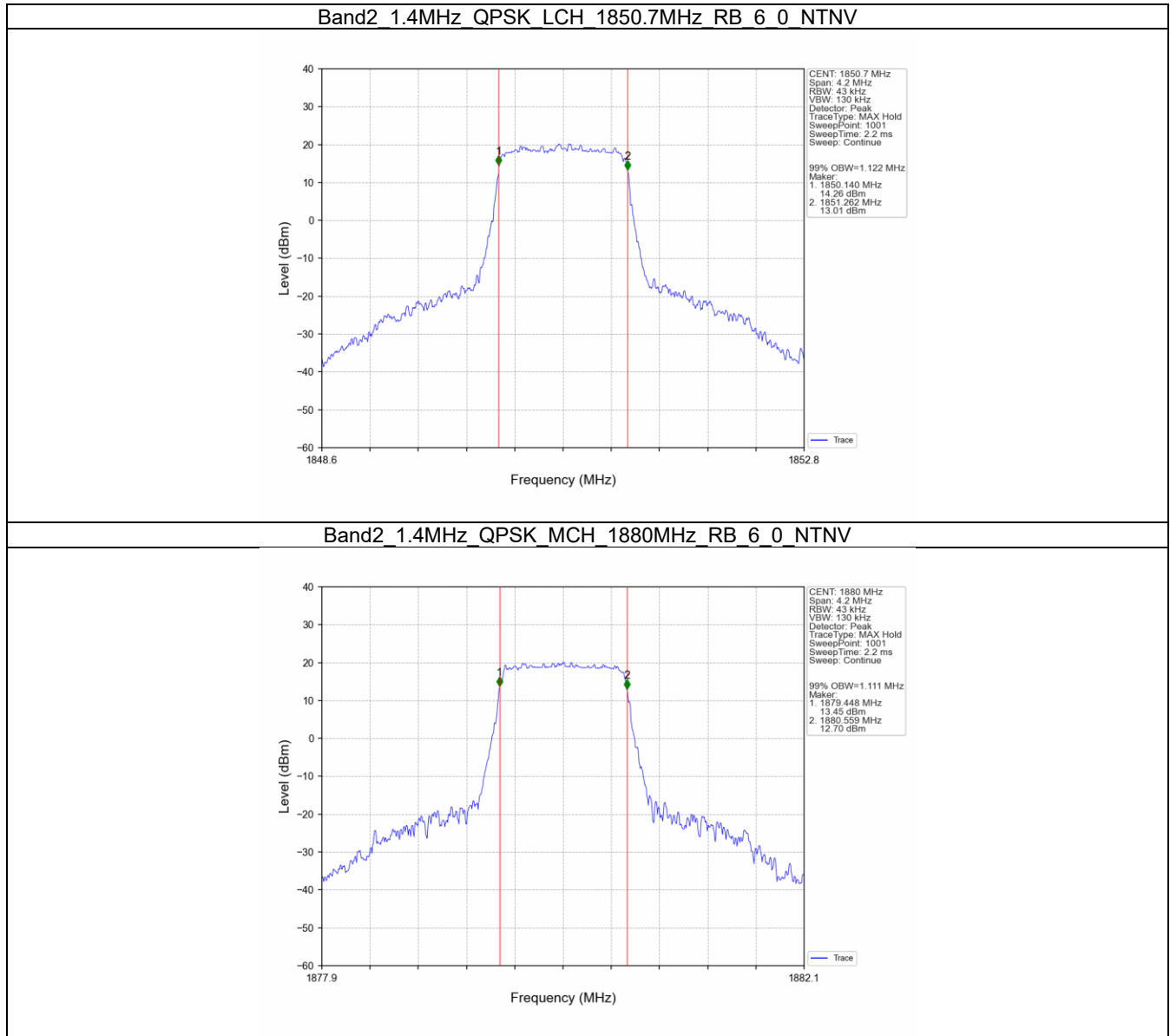
4.1.2 Band2_XDB

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.315	/	Pass
		1880	6	0	1.320	/	Pass
		1909.3	6	0	1.359	/	Pass

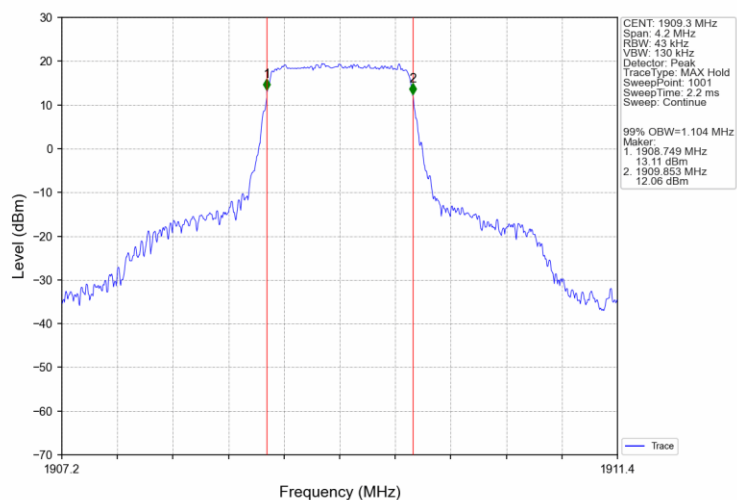
	16QAM	1850.7	6	0	1.318	/	Pass
		1880	6	0	1.305	/	Pass
		1909.3	6	0	1.353	/	Pass
3	QPSK	1851.5	15	0	2.986	/	Pass
		1880	15	0	2.979	/	Pass
		1908.5	15	0	3.016	/	Pass
	16QAM	1851.5	15	0	2.993	/	Pass
		1880	15	0	2.979	/	Pass
		1908.5	15	0	2.979	/	Pass
5	QPSK	1852.5	25	0	4.994	/	Pass
		1880	25	0	5.028	/	Pass
		1907.5	25	0	5.007	/	Pass
	16QAM	1852.5	25	0	5.037	/	Pass
		1880	25	0	5.005	/	Pass
		1907.5	25	0	5.014	/	Pass
10	QPSK	1855	50	0	9.897	/	Pass
		1880	50	0	9.917	/	Pass
		1905	50	0	9.996	/	Pass
	16QAM	1855	50	0	9.836	/	Pass
		1880	50	0	9.865	/	Pass
		1905	50	0	9.906	/	Pass
15	QPSK	1857.5	75	0	14.999	/	Pass
		1880	75	0	14.878	/	Pass
		1902.5	75	0	14.925	/	Pass
	16QAM	1857.5	75	0	14.867	/	Pass
		1880	75	0	14.883	/	Pass
		1902.5	75	0	14.844	/	Pass
20	QPSK	1860	100	0	19.692	/	Pass
		1880	100	0	19.804	/	Pass
		1900	100	0	19.579	/	Pass
	16QAM	1860	100	0	19.745	/	Pass
		1880	100	0	19.754	/	Pass
		1900	100	0	19.594	/	Pass

4.2 Test Graph

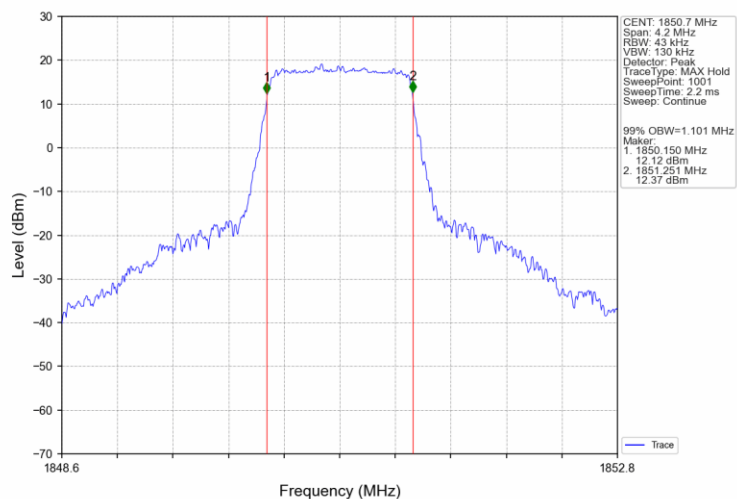
4.2.1 Band2_OBW



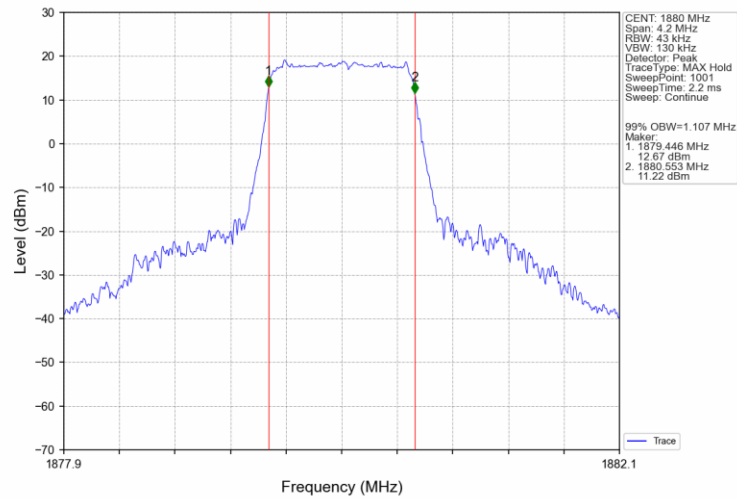
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



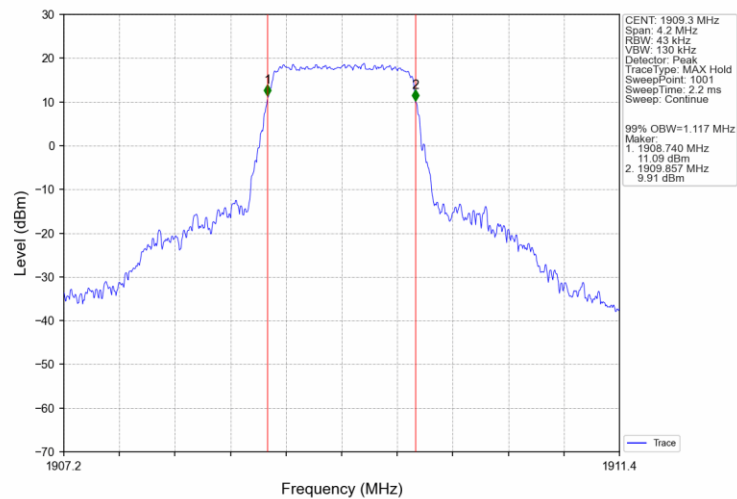
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



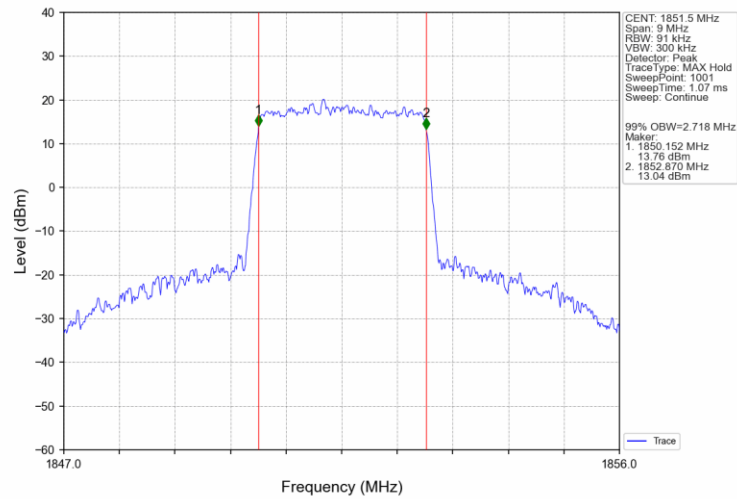
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



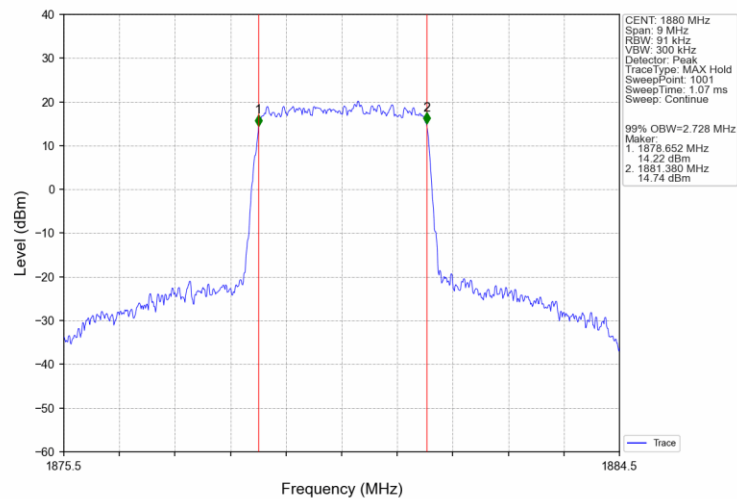
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



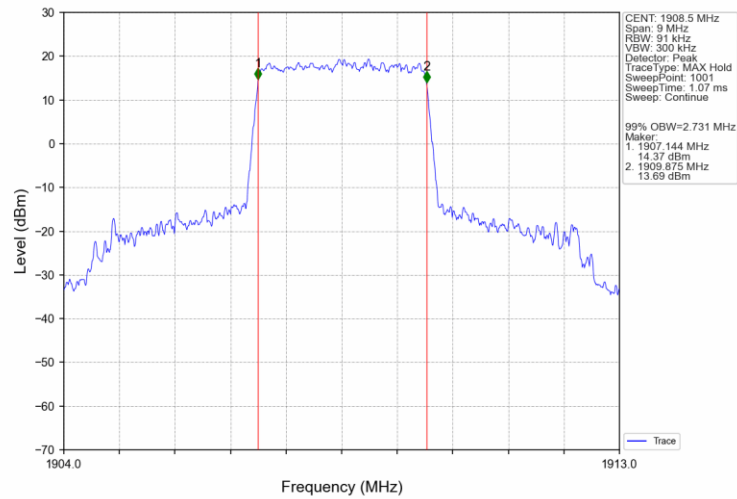
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



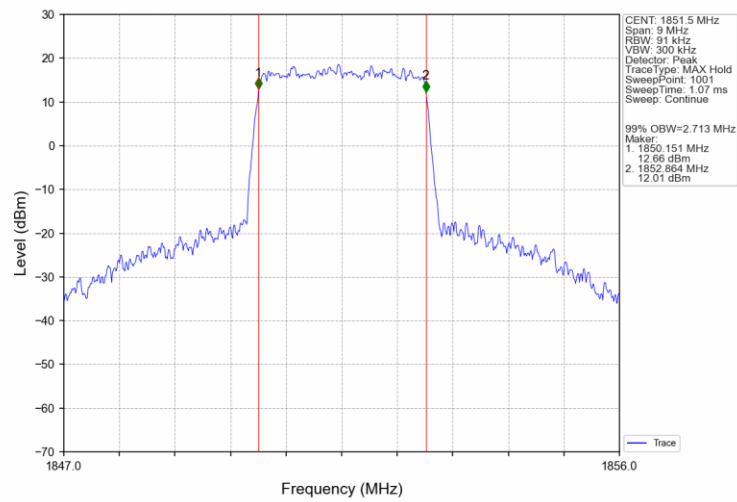
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



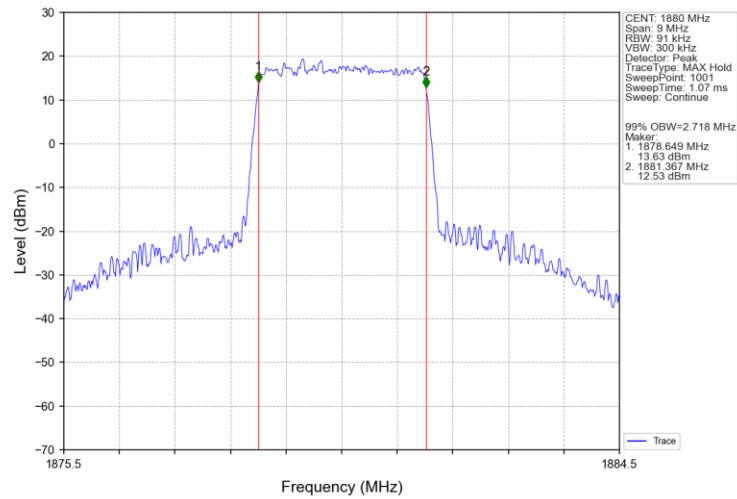
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



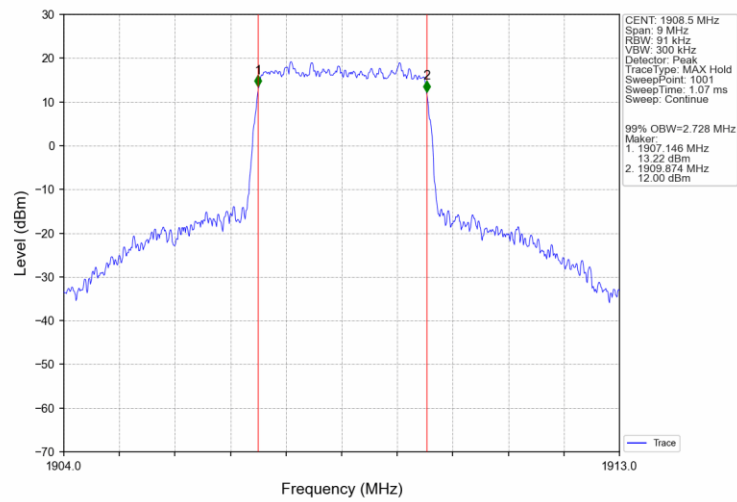
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



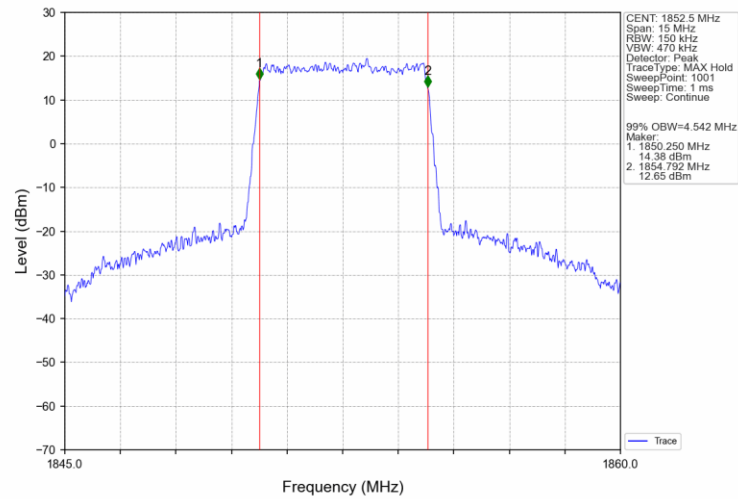
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



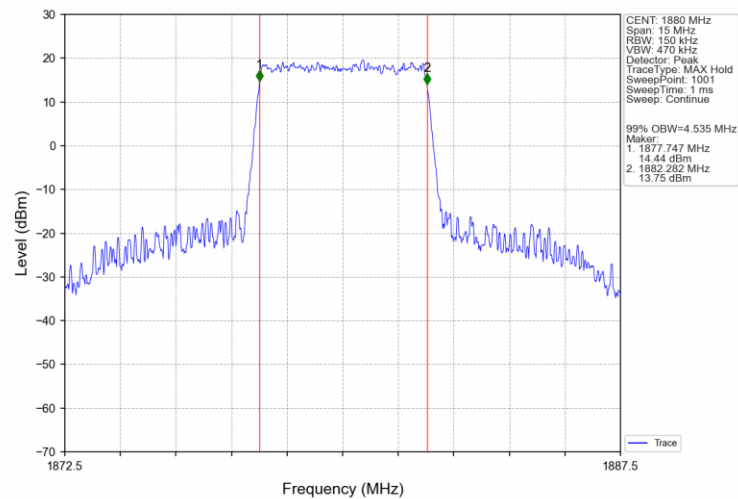
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



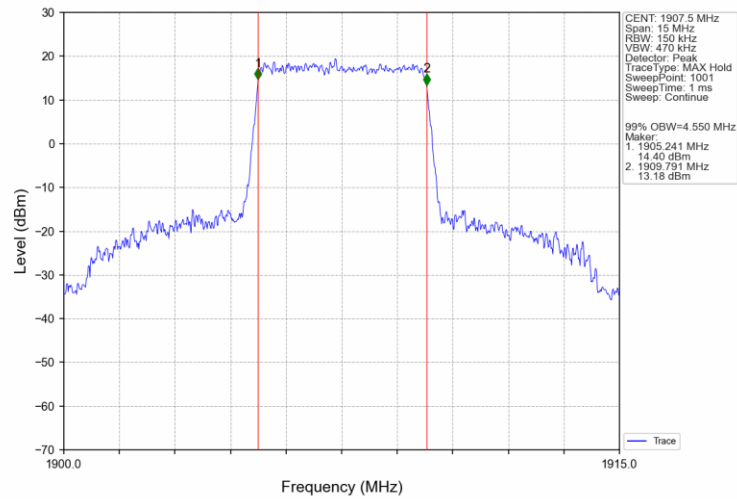
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



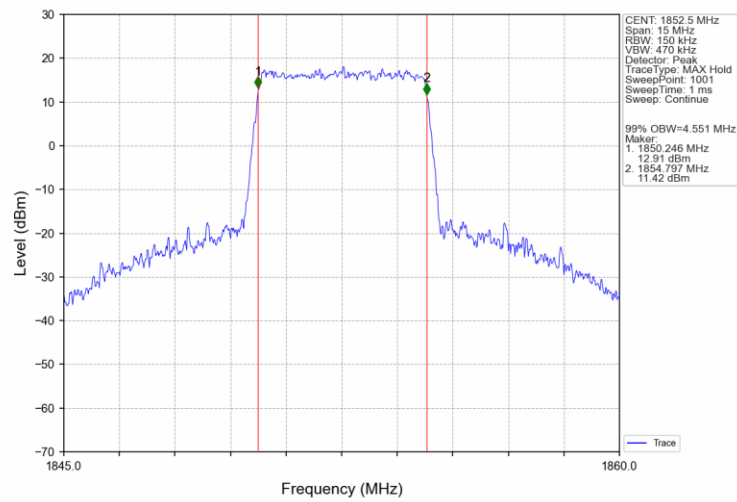
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



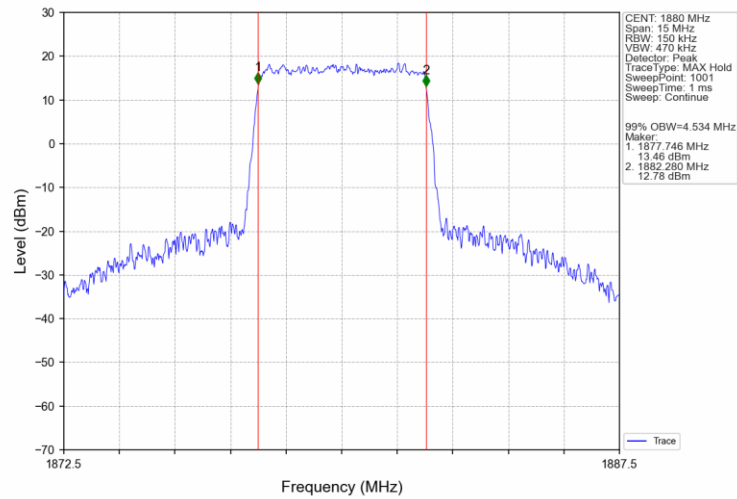
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



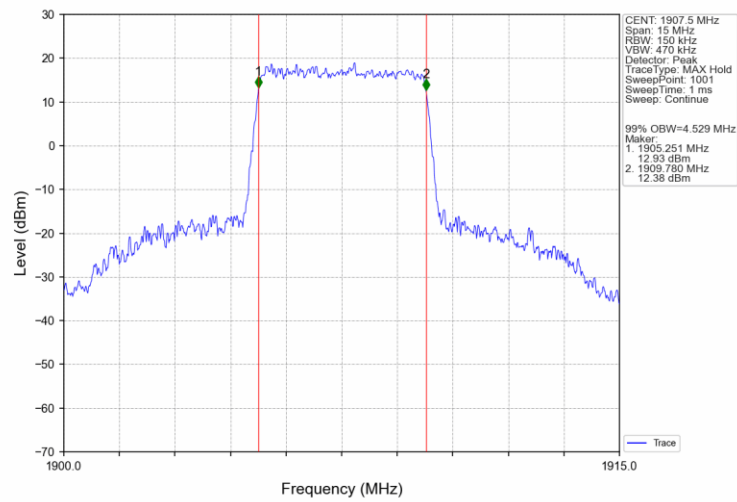
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



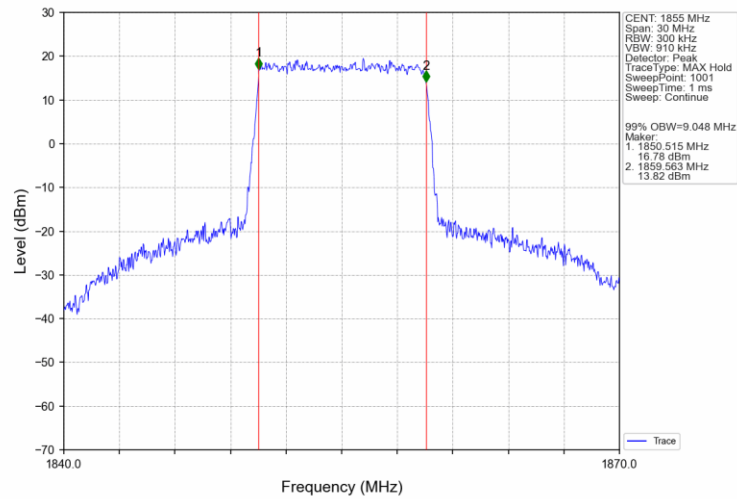
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTV



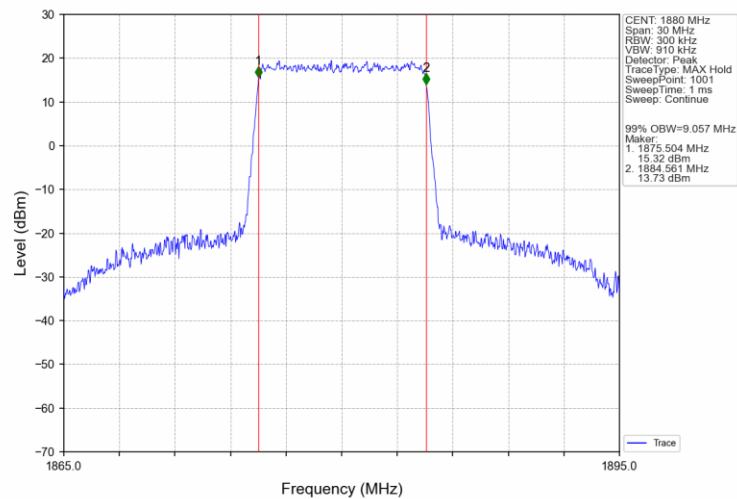
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTV



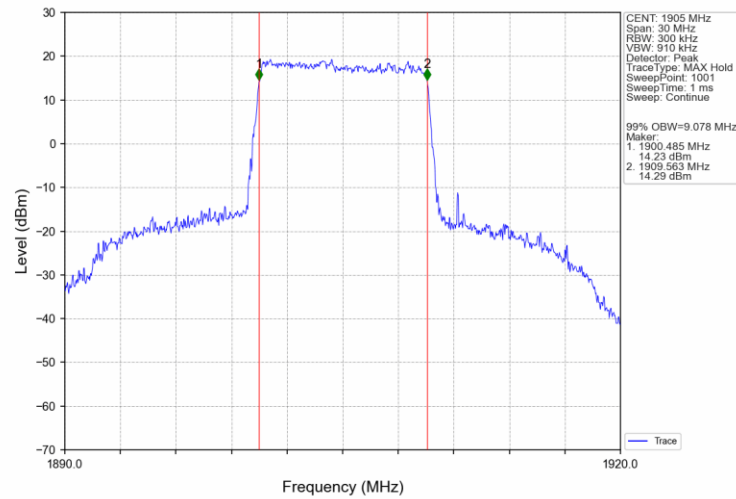
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



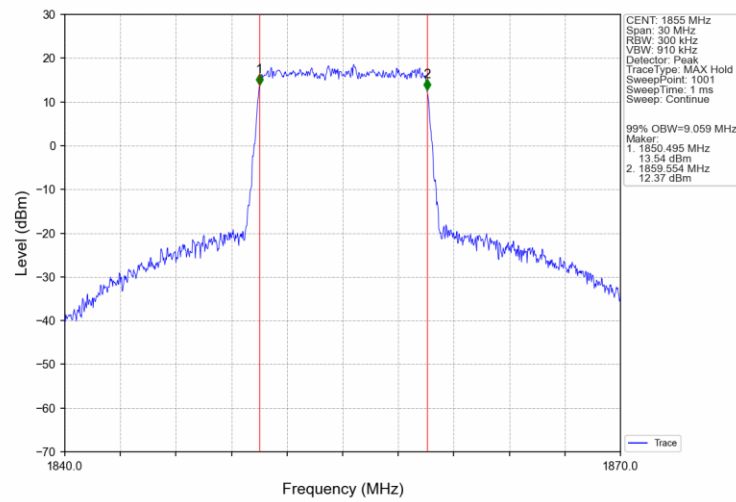
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



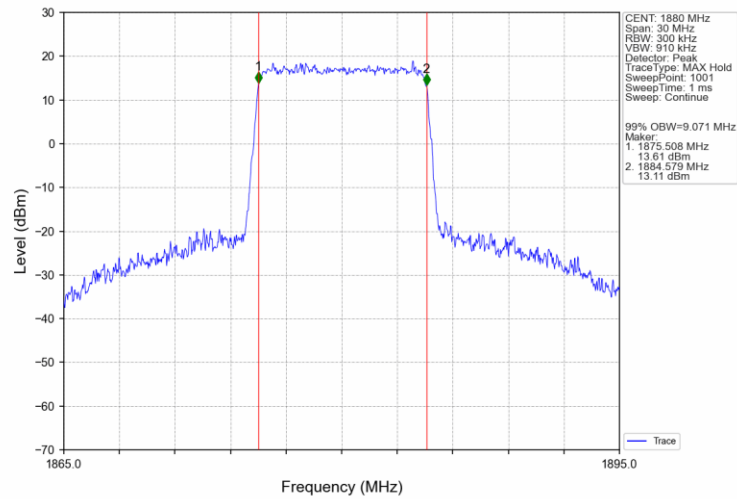
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



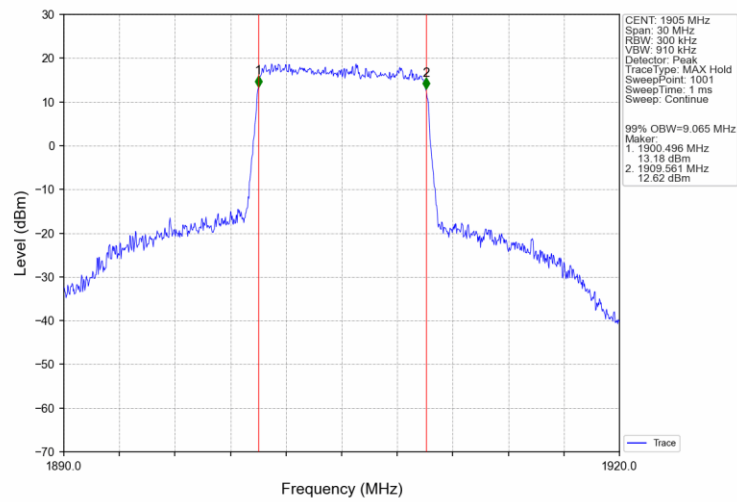
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



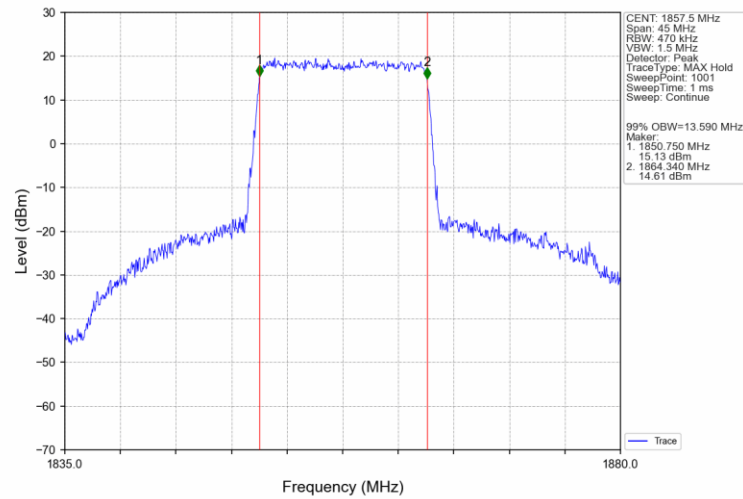
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTV



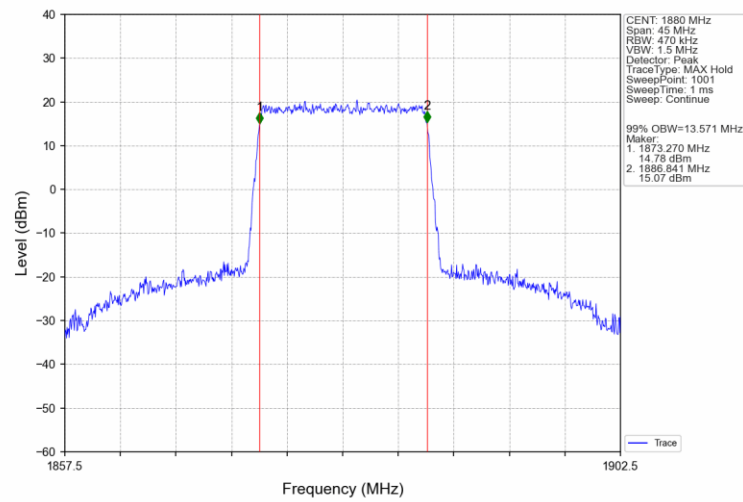
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTV



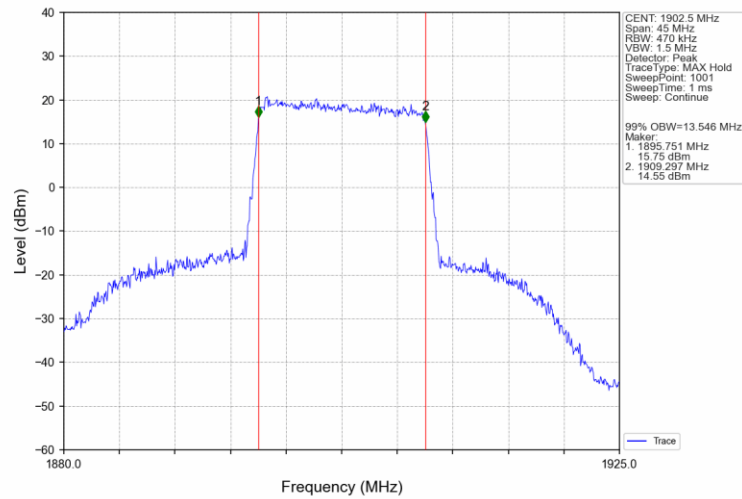
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



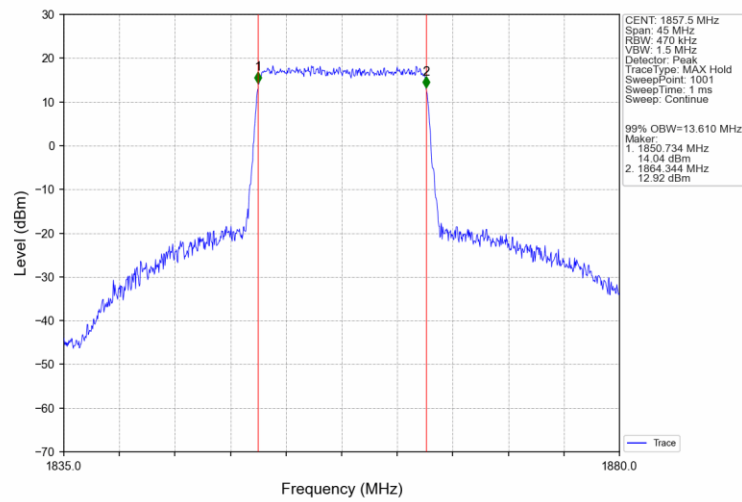
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



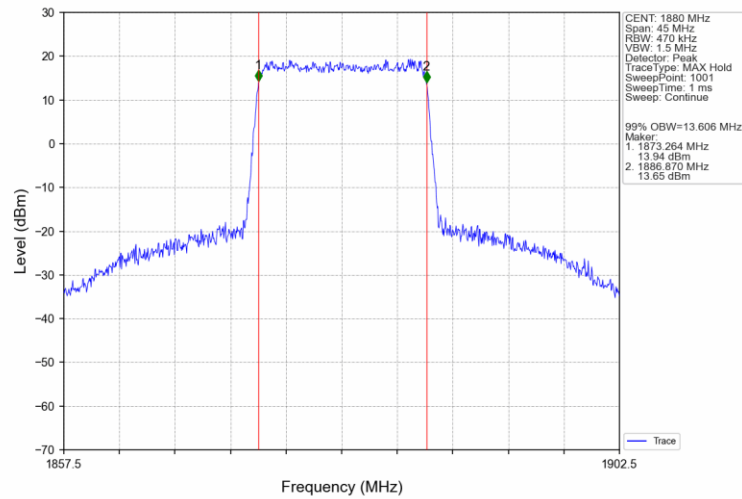
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



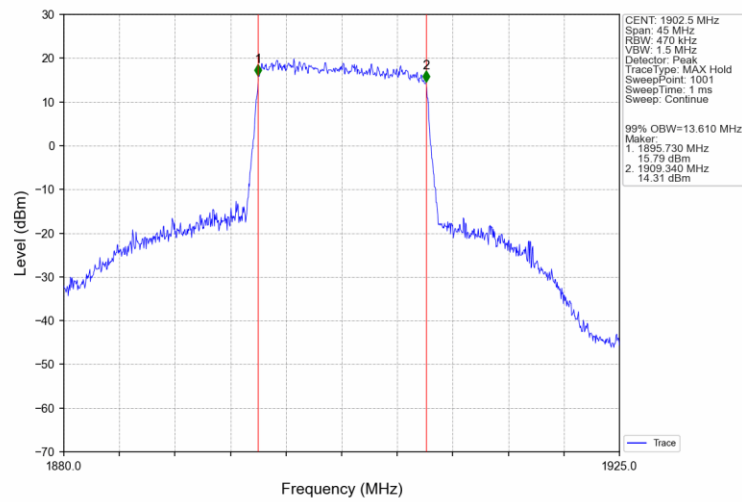
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



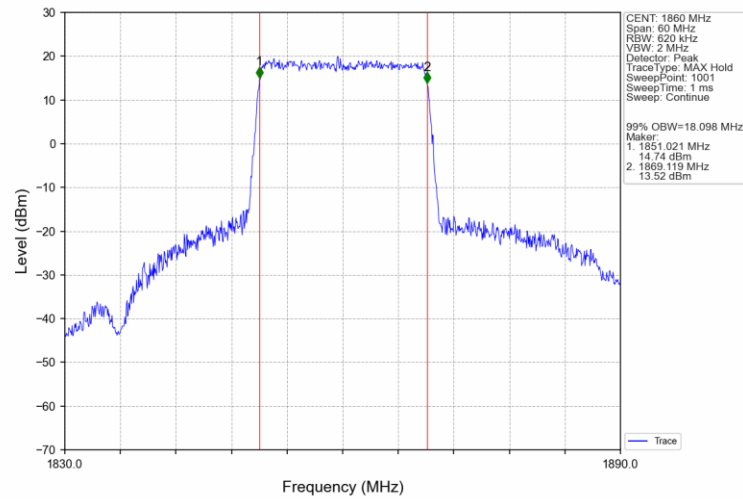
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



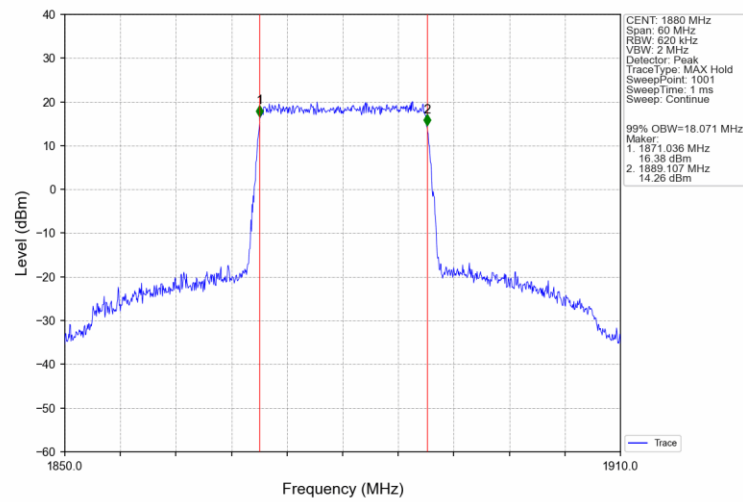
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



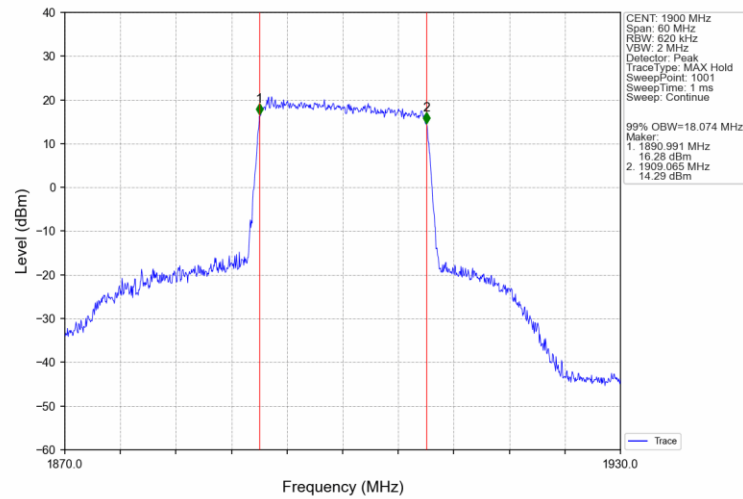
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



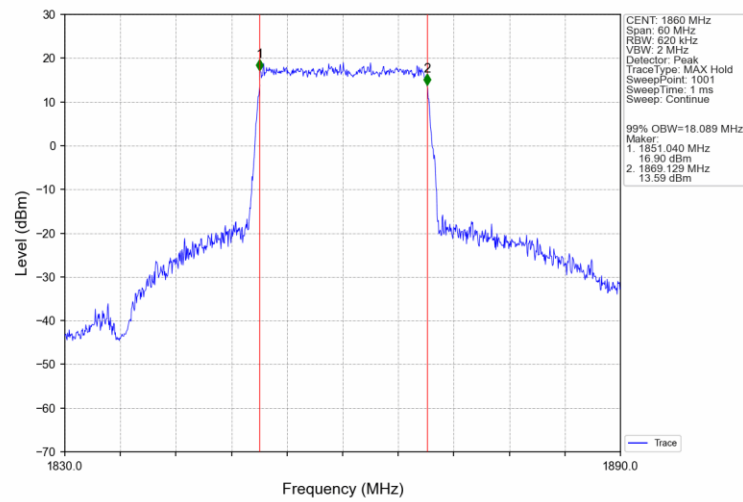
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



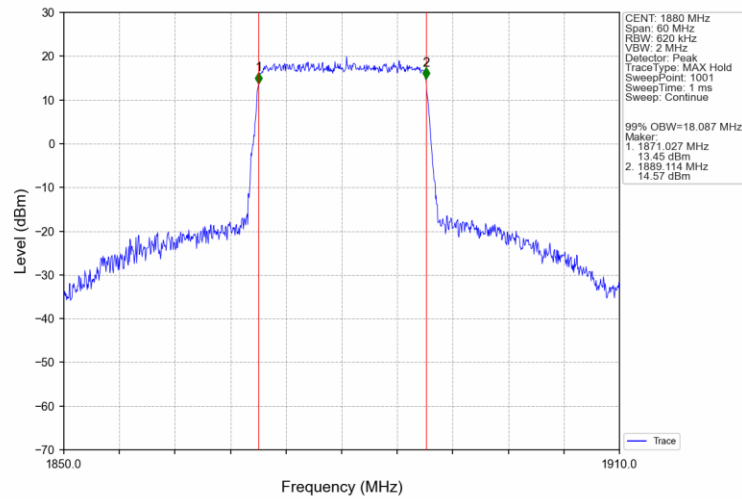
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTV



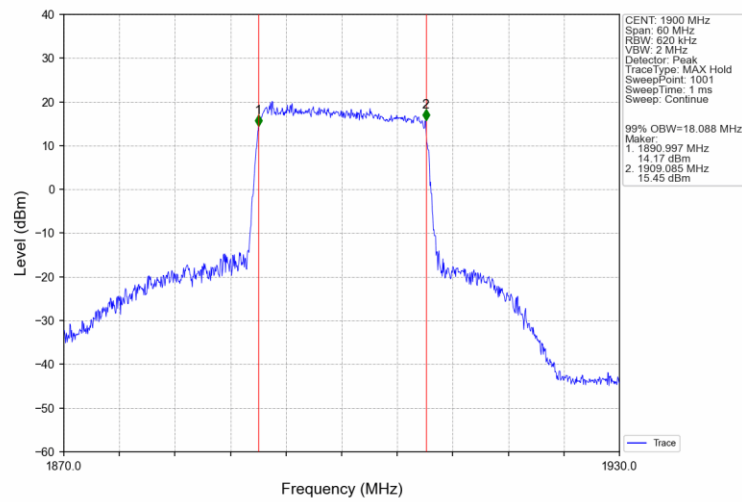
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV

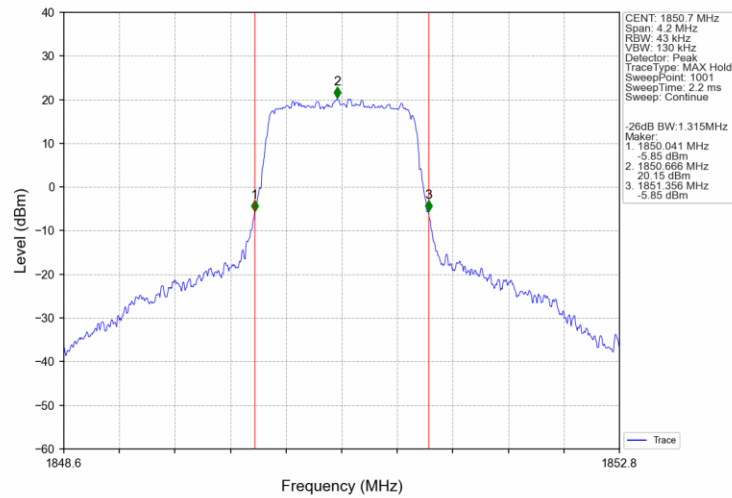


Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV

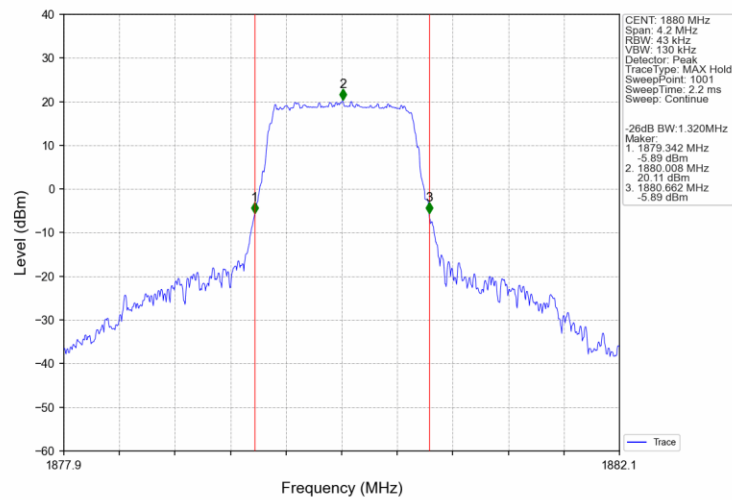


4.2.2 Band2_XDB

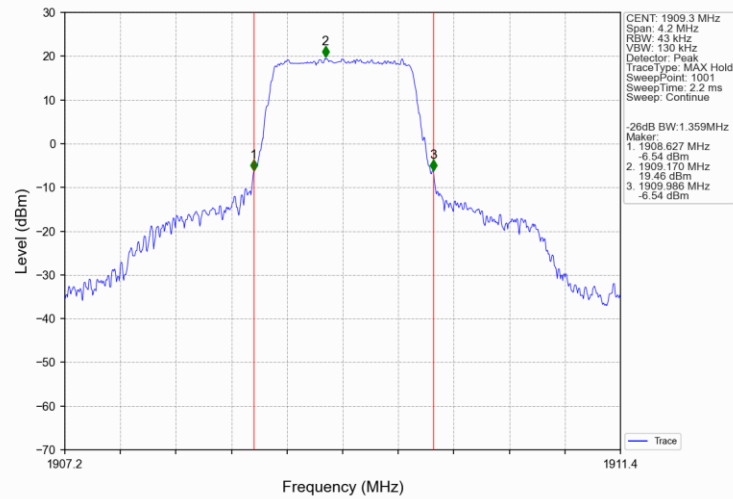
Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV



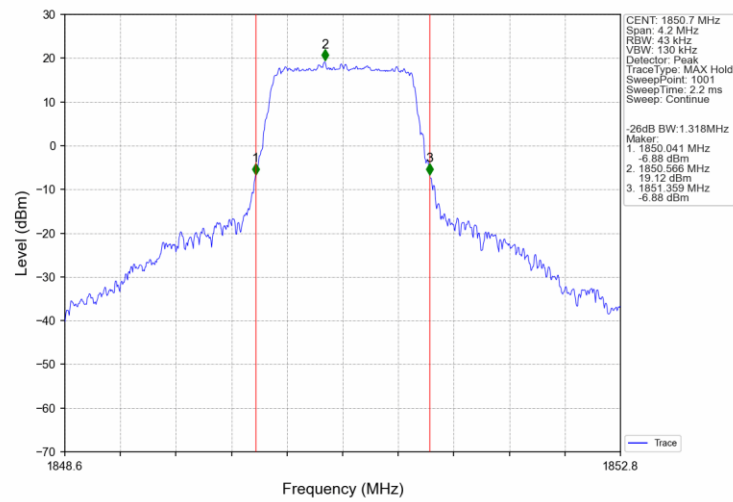
Band2 1.4MHz QPSK MCH 1880MHz RB 6 0 NTNV



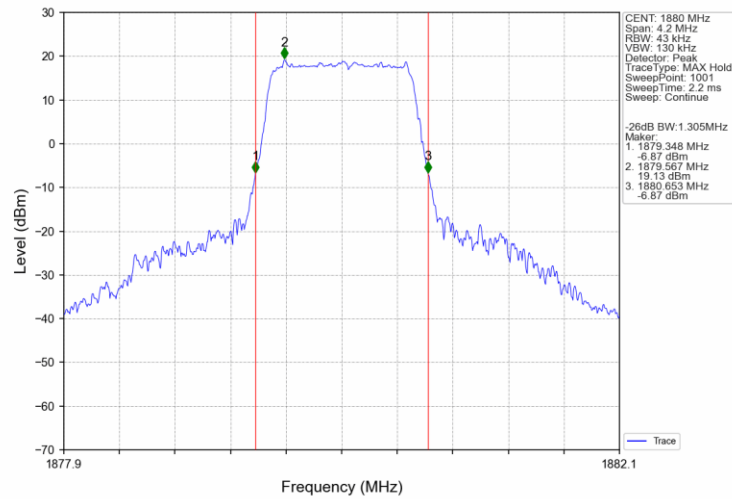
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



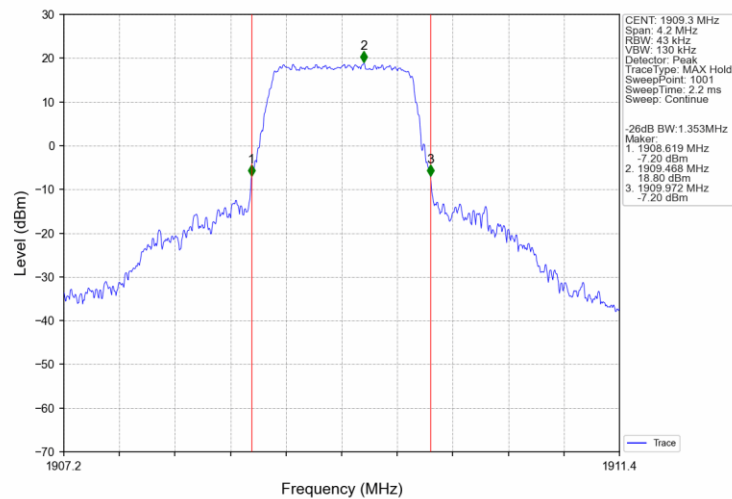
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



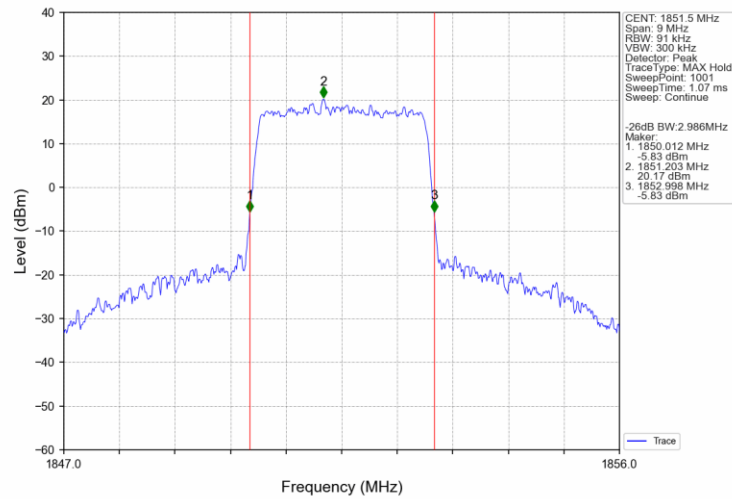
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



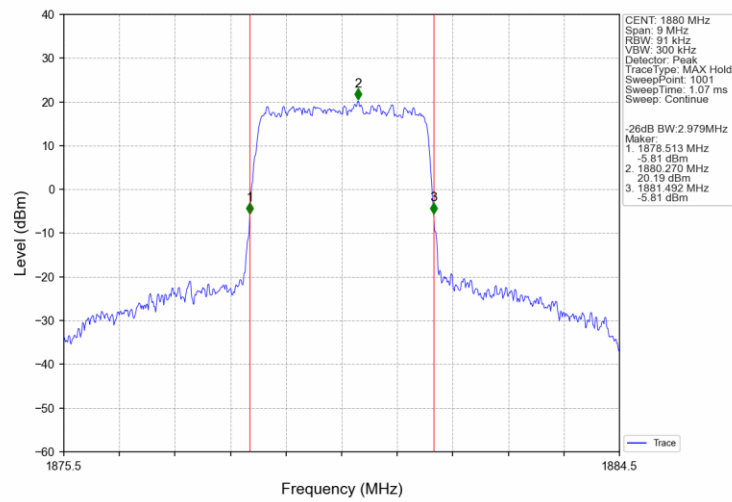
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



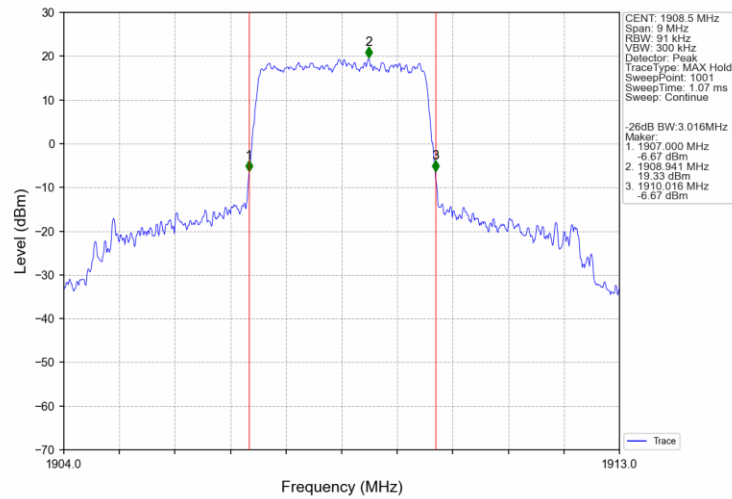
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



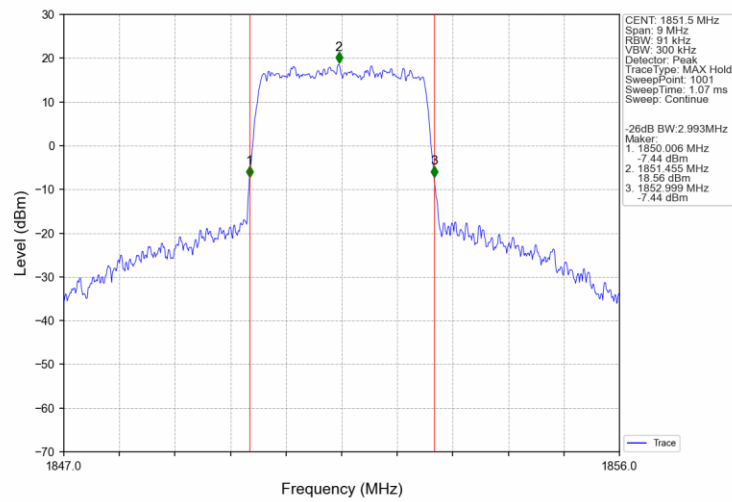
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



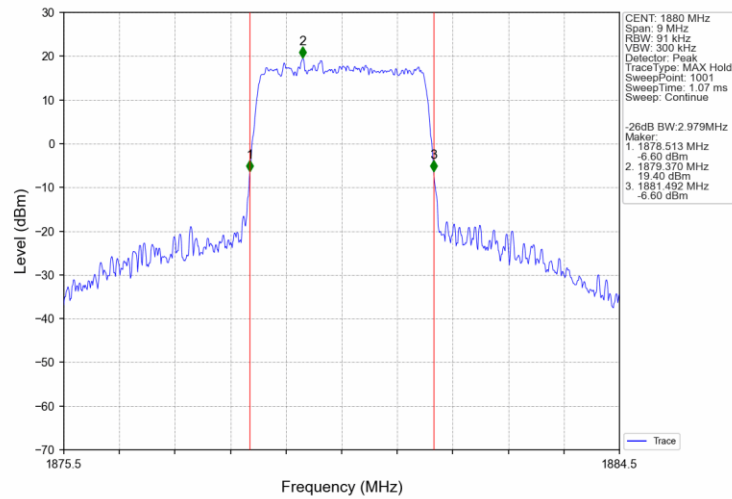
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



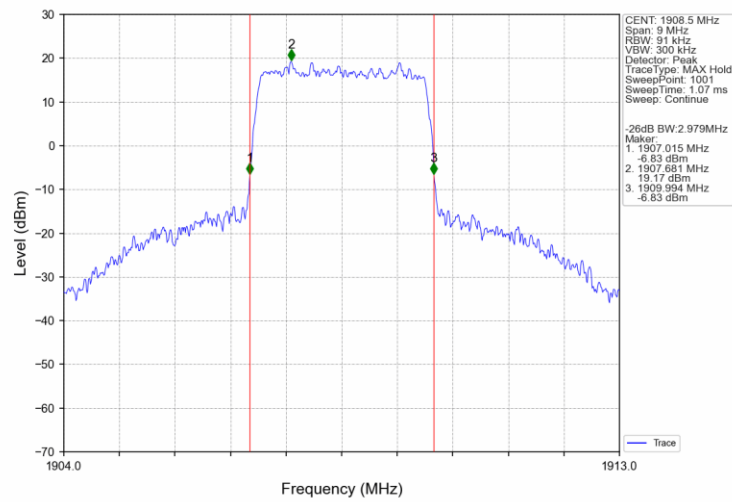
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



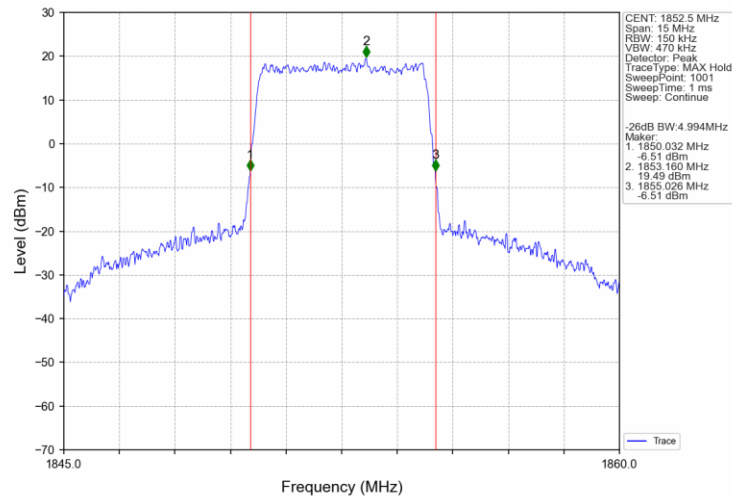
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



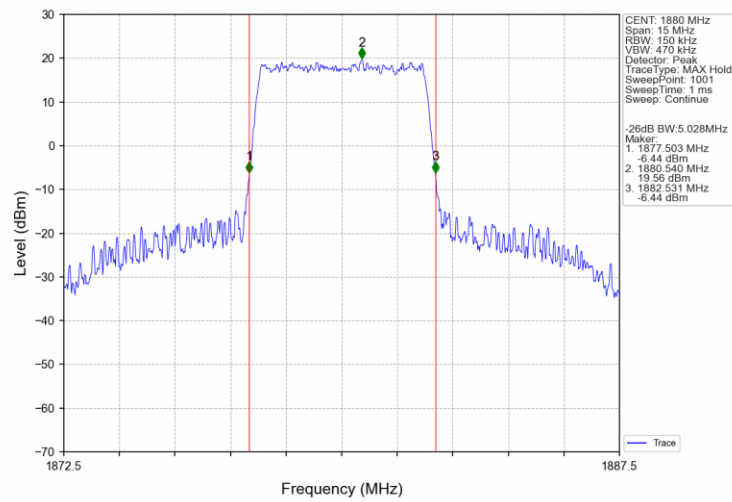
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



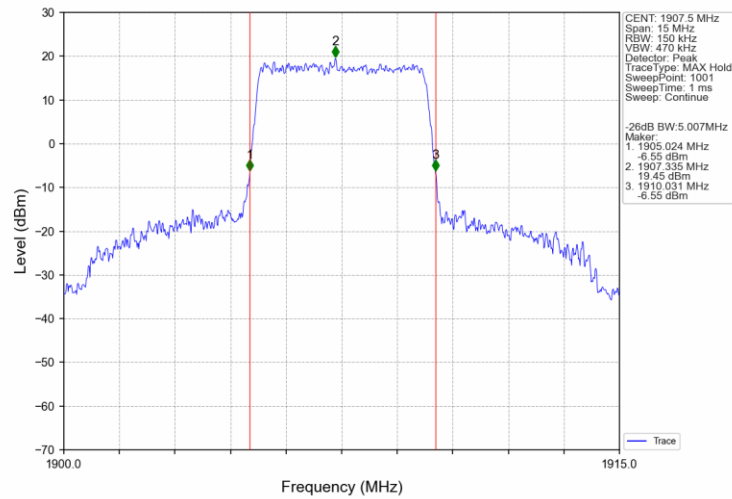
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



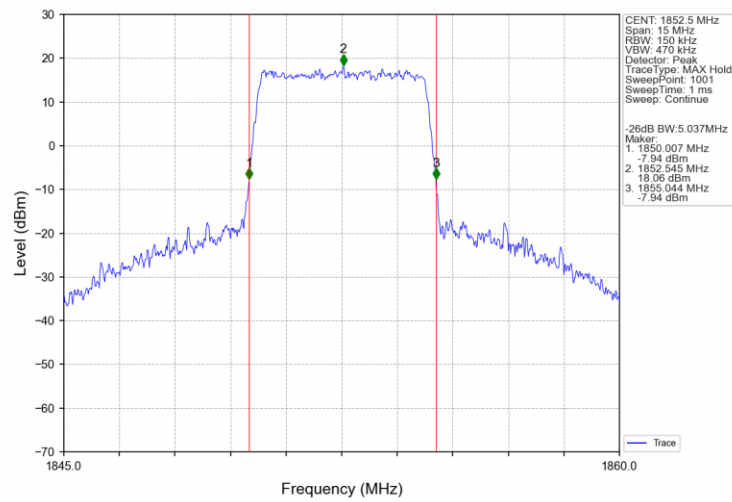
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



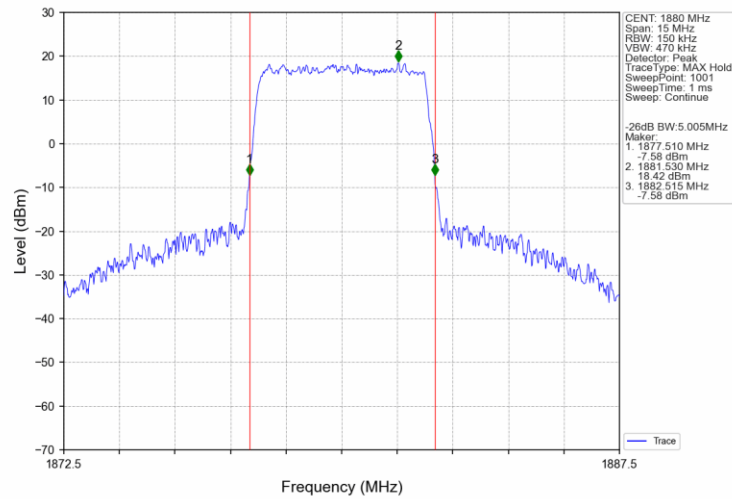
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



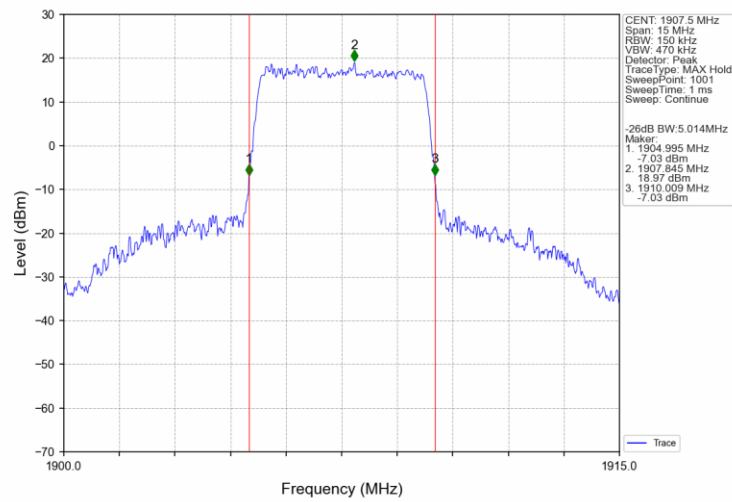
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



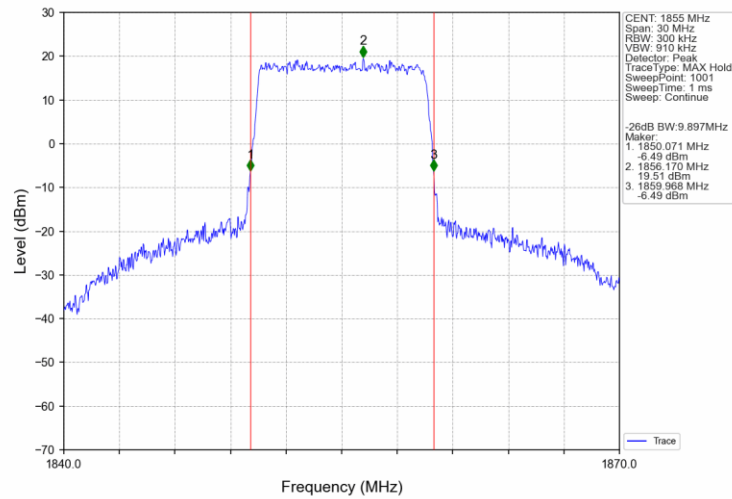
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



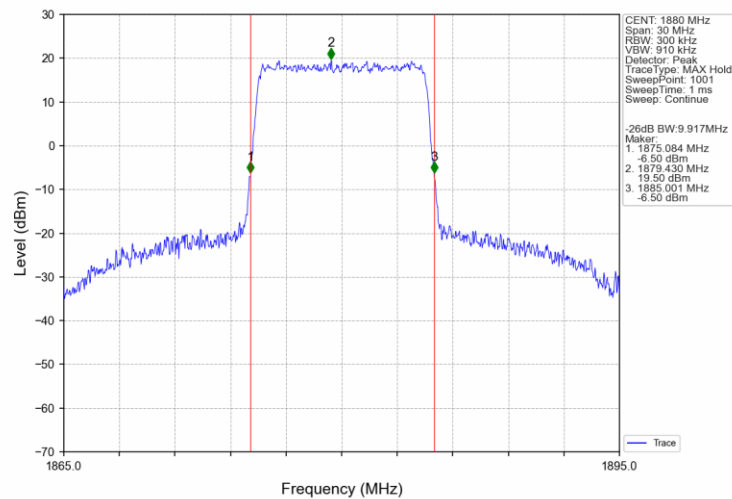
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



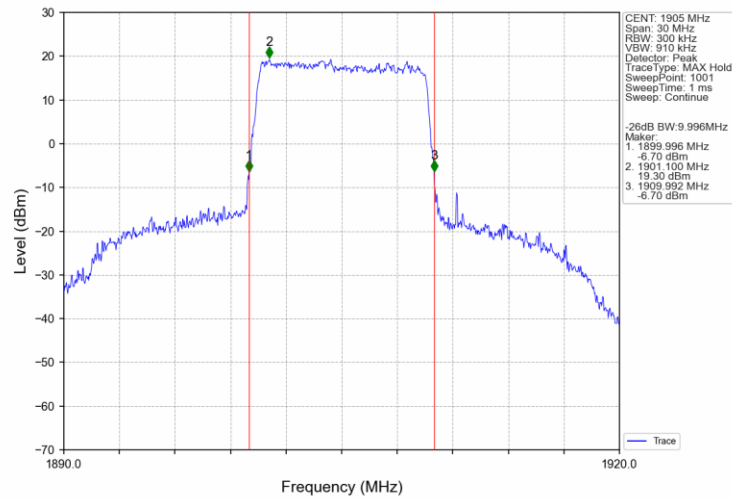
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



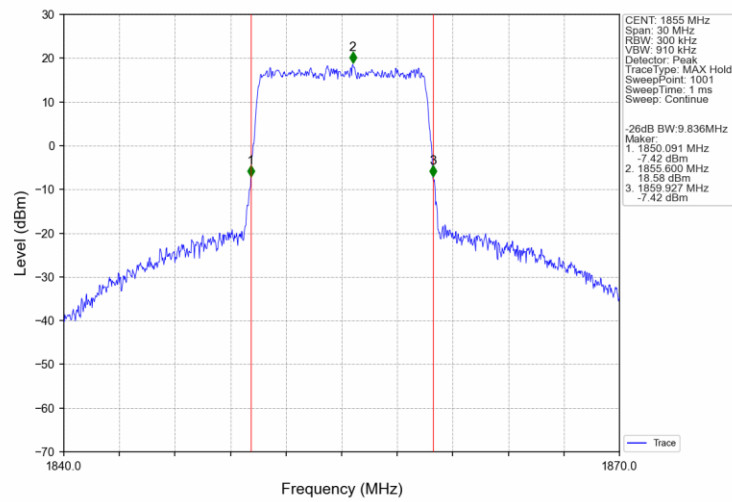
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



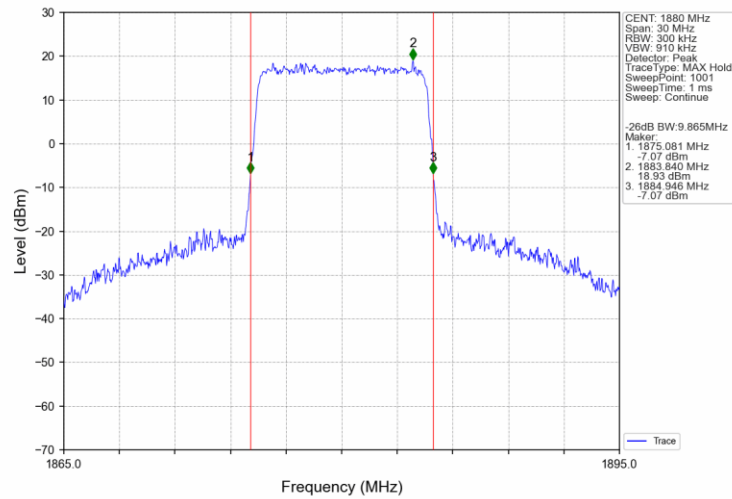
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



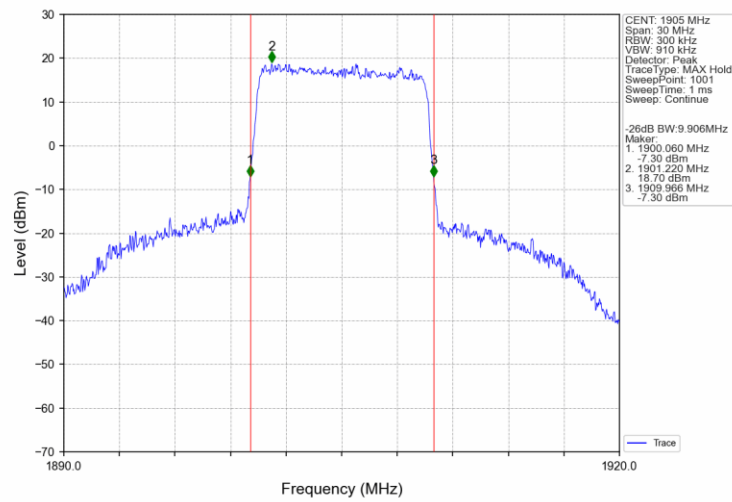
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



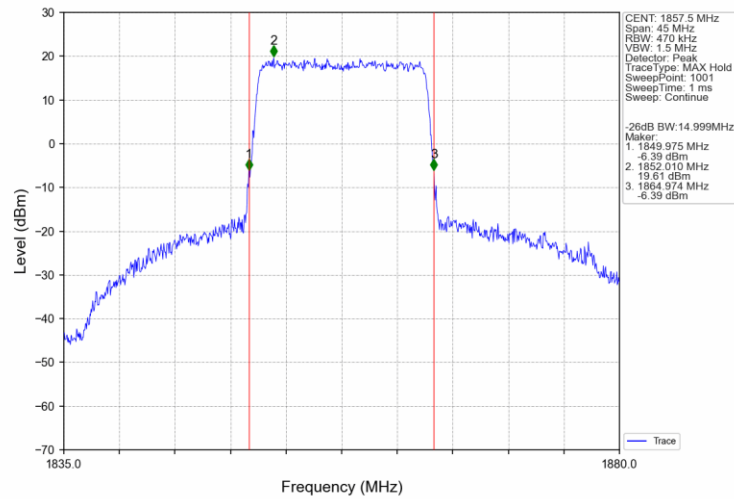
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



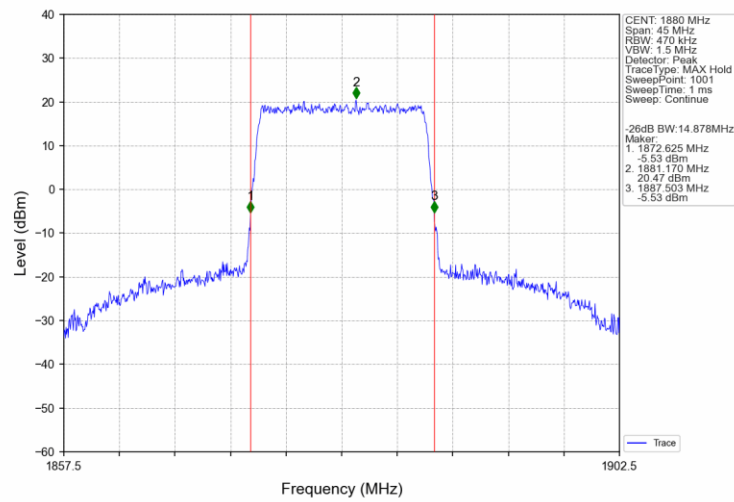
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



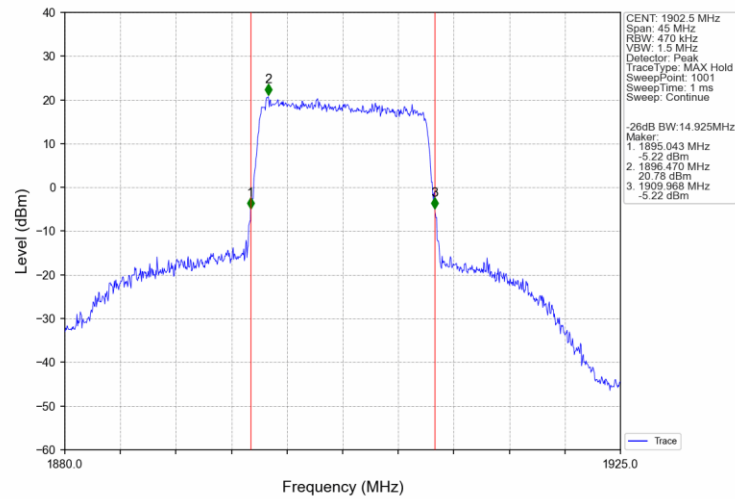
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV

