

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	24.21	0.81	25.02	<=33.01	Pass
			2	24.46	0.81	25.27	<=33.01	Pass
			5	24.20	0.81	25.01	<=33.01	Pass
		3	0	24.34	0.81	25.15	<=33.01	Pass
			2	24.30	0.81	25.11	<=33.01	Pass
			3	24.31	0.81	25.12	<=33.01	Pass
		6	0	23.32	0.81	24.13	<=33.01	Pass
	1880	1	0	23.88	0.81	24.69	<=33.01	Pass
			2	24.11	0.81	24.92	<=33.01	Pass
			5	23.89	0.81	24.70	<=33.01	Pass
		3	0	24.11	0.81	24.92	<=33.01	Pass
			2	24.07	0.81	24.88	<=33.01	Pass
			3	24.12	0.81	24.93	<=33.01	Pass
		6	0	23.04	0.81	23.85	<=33.01	Pass
	1909.3	1	0	24.13	0.81	24.94	<=33.01	Pass
			2	24.32	0.81	25.13	<=33.01	Pass
			5	24.13	0.81	24.94	<=33.01	Pass
		3	0	24.24	0.81	25.05	<=33.01	Pass
			2	24.22	0.81	25.03	<=33.01	Pass
			3	24.26	0.81	25.07	<=33.01	Pass
		6	0	23.21	0.81	24.02	<=33.01	Pass
16QAM	1850.7	1	0	23.15	0.81	23.96	<=33.01	Pass
			2	23.37	0.81	24.18	<=33.01	Pass
			5	23.16	0.81	23.97	<=33.01	Pass
		3	0	23.20	0.81	24.01	<=33.01	Pass
			2	23.15	0.81	23.96	<=33.01	Pass
			3	23.21	0.81	24.02	<=33.01	Pass
		6	0	22.25	0.81	23.06	<=33.01	Pass
	1880	1	0	23.00	0.81	23.81	<=33.01	Pass
			2	23.13	0.81	23.94	<=33.01	Pass
			5	23.03	0.81	23.84	<=33.01	Pass
		3	0	23.22	0.81	24.03	<=33.01	Pass
			2	23.17	0.81	23.98	<=33.01	Pass
			3	23.22	0.81	24.03	<=33.01	Pass
		6	0	22.11	0.81	22.92	<=33.01	Pass
	1909.3	1	0	23.54	0.81	24.35	<=33.01	Pass
			2	23.73	0.81	24.54	<=33.01	Pass
			5	23.50	0.81	24.31	<=33.01	Pass
		3	0	23.29	0.81	24.10	<=33.01	Pass
			2	23.30	0.81	24.11	<=33.01	Pass
			3	23.40	0.81	24.21	<=33.01	Pass
		6	0	22.20	0.81	23.01	<=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	24.27	0.81	25.08	<=33.01	Pass
			7	24.16	0.81	24.97	<=33.01	Pass
			14	24.25	0.81	25.06	<=33.01	Pass
		8	0	23.32	0.81	24.13	<=33.01	Pass
			4	23.35	0.81	24.16	<=33.01	Pass
			7	23.31	0.81	24.12	<=33.01	Pass
		15	0	23.28	0.81	24.09	<=33.01	Pass
	1880	1	0	24.07	0.81	24.88	<=33.01	Pass
			7	23.96	0.81	24.77	<=33.01	Pass
			14	24.09	0.81	24.90	<=33.01	Pass
		8	0	23.08	0.81	23.89	<=33.01	Pass
			4	23.10	0.81	23.91	<=33.01	Pass
			7	23.07	0.81	23.88	<=33.01	Pass
		15	0	23.06	0.81	23.87	<=33.01	Pass
	1908.5	1	0	24.19	0.81	25.00	<=33.01	Pass
			7	24.08	0.81	24.89	<=33.01	Pass
			14	24.25	0.81	25.06	<=33.01	Pass
		8	0	23.19	0.81	24.00	<=33.01	Pass
			4	23.25	0.81	24.06	<=33.01	Pass
			7	23.12	0.81	23.93	<=33.01	Pass
		15	0	23.19	0.81	24.00	<=33.01	Pass
16QAM	1851.5	1	0	23.34	0.81	24.15	<=33.01	Pass
			7	23.20	0.81	24.01	<=33.01	Pass
			14	23.31	0.81	24.12	<=33.01	Pass
		8	0	22.32	0.81	23.13	<=33.01	Pass
			4	22.33	0.81	23.14	<=33.01	Pass
			7	22.30	0.81	23.11	<=33.01	Pass
		15	0	22.24	0.81	23.05	<=33.01	Pass
	1880	1	0	23.47	0.81	24.28	<=33.01	Pass
			7	23.35	0.81	24.16	<=33.01	Pass
			14	23.53	0.81	24.34	<=33.01	Pass
		8	0	22.17	0.81	22.98	<=33.01	Pass
			4	22.18	0.81	22.99	<=33.01	Pass
			7	22.09	0.81	22.90	<=33.01	Pass
		15	0	22.12	0.81	22.93	<=33.01	Pass
	1908.5	1	0	23.14	0.81	23.95	<=33.01	Pass
			7	23.02	0.81	23.83	<=33.01	Pass
			14	23.19	0.81	24.00	<=33.01	Pass
		8	0	22.18	0.81	22.99	<=33.01	Pass
			4	22.20	0.81	23.01	<=33.01	Pass
			7	22.17	0.81	22.98	<=33.01	Pass
		15	0	22.21	0.81	23.02	<=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	24.22	0.81	25.03	<=33.01	Pass
			13	24.31	0.81	25.12	<=33.01	Pass
			24	24.20	0.81	25.01	<=33.01	Pass
		12	0	23.24	0.81	24.05	<=33.01	Pass
			6	23.33	0.81	24.14	<=33.01	Pass
			13	23.32	0.81	24.13	<=33.01	Pass
		25	0	23.31	0.81	24.12	<=33.01	Pass
	1880	1	0	23.95	0.81	24.76	<=33.01	Pass
			13	24.03	0.81	24.84	<=33.01	Pass
			24	23.93	0.81	24.74	<=33.01	Pass
		12	0	23.05	0.81	23.86	<=33.01	Pass
			6	23.12	0.81	23.93	<=33.01	Pass
			13	23.06	0.81	23.87	<=33.01	Pass
		25	0	23.09	0.81	23.90	<=33.01	Pass
	1907.5	1	0	24.01	0.81	24.82	<=33.01	Pass
			13	24.16	0.81	24.97	<=33.01	Pass
			24	24.08	0.81	24.89	<=33.01	Pass
		12	0	23.21	0.81	24.02	<=33.01	Pass
			6	23.27	0.81	24.08	<=33.01	Pass
			13	23.19	0.81	24.00	<=33.01	Pass
		25	0	23.24	0.81	24.05	<=33.01	Pass
16QAM	1852.5	1	0	23.18	0.81	23.99	<=33.01	Pass
			13	23.24	0.81	24.05	<=33.01	Pass
			24	23.16	0.81	23.97	<=33.01	Pass
		12	0	22.30	0.81	23.11	<=33.01	Pass
			6	22.37	0.81	23.18	<=33.01	Pass
			13	22.37	0.81	23.18	<=33.01	Pass
		25	0	22.40	0.81	23.21	<=33.01	Pass
	1880	1	0	23.41	0.81	24.22	<=33.01	Pass
			13	23.48	0.81	24.29	<=33.01	Pass
			24	23.38	0.81	24.19	<=33.01	Pass
		12	0	22.08	0.81	22.89	<=33.01	Pass
			6	22.13	0.81	22.94	<=33.01	Pass
			13	22.11	0.81	22.92	<=33.01	Pass
		25	0	22.10	0.81	22.91	<=33.01	Pass
	1907.5	1	0	23.19	0.81	24.00	<=33.01	Pass
			13	23.30	0.81	24.11	<=33.01	Pass
			24	23.25	0.81	24.06	<=33.01	Pass
		12	0	22.18	0.81	22.99	<=33.01	Pass
			6	22.26	0.81	23.07	<=33.01	Pass
			13	22.19	0.81	23.00	<=33.01	Pass
		25	0	22.22	0.81	23.03	<=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	24.23	0.81	25.04	<=33.01	Pass
			25	24.35	0.81	25.16	<=33.01	Pass
			49	24.19	0.81	25.00	<=33.01	Pass
		25	0	23.25	0.81	24.06	<=33.01	Pass
			13	23.34	0.81	24.15	<=33.01	Pass
			25	23.37	0.81	24.18	<=33.01	Pass
		50	0	23.30	0.81	24.11	<=33.01	Pass
			0	24.07	0.81	24.88	<=33.01	Pass
			25	24.16	0.81	24.97	<=33.01	Pass
	1880	1	49	24.08	0.81	24.89	<=33.01	Pass
			0	23.17	0.81	23.98	<=33.01	Pass
			13	23.18	0.81	23.99	<=33.01	Pass
		25	25	23.19	0.81	24.00	<=33.01	Pass
			0	23.12	0.81	23.93	<=33.01	Pass
			0	24.12	0.81	24.93	<=33.01	Pass
		50	25	24.30	0.81	25.11	<=33.01	Pass
			49	24.24	0.81	25.05	<=33.01	Pass
			0	23.27	0.81	24.08	<=33.01	Pass
	1905	25	13	23.21	0.81	24.02	<=33.01	Pass
			25	23.27	0.81	24.08	<=33.01	Pass
			0	23.24	0.81	24.05	<=33.01	Pass
16QAM	1855	1	0	23.28	0.81	24.09	<=33.01	Pass
			25	23.36	0.81	24.17	<=33.01	Pass
			49	23.21	0.81	24.02	<=33.01	Pass
		25	0	22.31	0.81	23.12	<=33.01	Pass
			13	22.38	0.81	23.19	<=33.01	Pass
			25	22.39	0.81	23.20	<=33.01	Pass
		50	0	22.30	0.81	23.11	<=33.01	Pass
			0	23.50	0.81	24.31	<=33.01	Pass
			25	23.58	0.81	24.39	<=33.01	Pass
	1880	1	49	23.46	0.81	24.27	<=33.01	Pass
			0	22.19	0.81	23.00	<=33.01	Pass
			13	22.20	0.81	23.01	<=33.01	Pass
		25	25	22.24	0.81	23.05	<=33.01	Pass
			0	22.21	0.81	23.02	<=33.01	Pass
			0	23.04	0.81	23.85	<=33.01	Pass
		50	25	23.20	0.81	24.01	<=33.01	Pass
			49	23.18	0.81	23.99	<=33.01	Pass
			0	22.32	0.81	23.13	<=33.01	Pass
	1905	25	13	22.30	0.81	23.11	<=33.01	Pass
			25	22.33	0.81	23.14	<=33.01	Pass
			0	22.28	0.81	23.09	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	24.17	0.81	24.98	<=33.01	Pass
			38	24.23	0.81	25.04	<=33.01	Pass
			74	24.03	0.81	24.84	<=33.01	Pass
		36	0	23.31	0.81	24.12	<=33.01	Pass
			18	23.38	0.81	24.19	<=33.01	Pass
			39	23.36	0.81	24.17	<=33.01	Pass
		75	0	23.32	0.81	24.13	<=33.01	Pass
	1880	1	0	23.98	0.81	24.79	<=33.01	Pass
			38	24.07	0.81	24.88	<=33.01	Pass
			74	23.94	0.81	24.75	<=33.01	Pass
		36	0	23.15	0.81	23.96	<=33.01	Pass
			18	23.13	0.81	23.94	<=33.01	Pass
			39	23.14	0.81	23.95	<=33.01	Pass
		75	0	23.18	0.81	23.99	<=33.01	Pass
	1902.5	1	0	24.01	0.81	24.82	<=33.01	Pass
			38	24.17	0.81	24.98	<=33.01	Pass
			74	24.11	0.81	24.92	<=33.01	Pass
		36	0	23.24	0.81	24.05	<=33.01	Pass
			18	23.20	0.81	24.01	<=33.01	Pass
			39	23.18	0.81	23.99	<=33.01	Pass
		75	0	23.20	0.81	24.01	<=33.01	Pass
16QAM	1857.5	1	0	23.21	0.81	24.02	<=33.01	Pass
			38	23.25	0.81	24.06	<=33.01	Pass
			74	23.09	0.81	23.90	<=33.01	Pass
		36	0	22.22	0.81	23.03	<=33.01	Pass
			18	22.31	0.81	23.12	<=33.01	Pass
			39	22.26	0.81	23.07	<=33.01	Pass
		75	0	22.32	0.81	23.13	<=33.01	Pass
	1880	1	0	22.97	0.81	23.78	<=33.01	Pass
			38	23.07	0.81	23.88	<=33.01	Pass
			74	22.93	0.81	23.74	<=33.01	Pass
		36	0	22.14	0.81	22.95	<=33.01	Pass
			18	22.08	0.81	22.89	<=33.01	Pass
			39	22.11	0.81	22.92	<=33.01	Pass
		75	0	22.16	0.81	22.97	<=33.01	Pass
	1902.5	1	0	22.89	0.81	23.70	<=33.01	Pass
			38	23.11	0.81	23.92	<=33.01	Pass
			74	23.07	0.81	23.88	<=33.01	Pass
		36	0	22.19	0.81	23.00	<=33.01	Pass
			18	22.20	0.81	23.01	<=33.01	Pass
			39	22.20	0.81	23.01	<=33.01	Pass
		75	0	22.20	0.81	23.01	<=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	23.96	0.81	24.77	<=33.01	Pass
			50	24.28	0.81	25.09	<=33.01	Pass
			99	23.85	0.81	24.66	<=33.01	Pass
		50	0	23.16	0.81	23.97	<=33.01	Pass
			25	23.24	0.81	24.05	<=33.01	Pass
			50	23.17	0.81	23.98	<=33.01	Pass
		100	0	23.15	0.81	23.96	<=33.01	Pass
			50	23.15	0.81	23.96	<=33.01	Pass
			99	23.15	0.81	23.96	<=33.01	Pass
	1880	1	0	23.78	0.81	24.59	<=33.01	Pass
			50	24.09	0.81	24.90	<=33.01	Pass
			99	23.77	0.81	24.58	<=33.01	Pass
		50	0	23.12	0.81	23.93	<=33.01	Pass
			25	23.08	0.81	23.89	<=33.01	Pass
			50	23.09	0.81	23.90	<=33.01	Pass
		100	0	23.11	0.81	23.92	<=33.01	Pass
			50	23.11	0.81	23.92	<=33.01	Pass
			99	23.11	0.81	23.92	<=33.01	Pass
	1900	1	0	23.77	0.81	24.58	<=33.01	Pass
			50	24.21	0.81	25.02	<=33.01	Pass
			99	23.95	0.81	24.76	<=33.01	Pass
		50	0	23.18	0.81	23.99	<=33.01	Pass
			25	23.16	0.81	23.97	<=33.01	Pass
			50	23.08	0.81	23.89	<=33.01	Pass
		100	0	23.10	0.81	23.91	<=33.01	Pass
			50	23.10	0.81	23.91	<=33.01	Pass
			99	23.10	0.81	23.91	<=33.01	Pass
16QAM	1860	1	0	23.44	0.81	24.25	<=33.01	Pass
			50	23.65	0.81	24.46	<=33.01	Pass
			99	23.31	0.81	24.12	<=33.01	Pass
		50	0	22.18	0.81	22.99	<=33.01	Pass
			25	22.26	0.81	23.07	<=33.01	Pass
			50	22.20	0.81	23.01	<=33.01	Pass
		100	0	22.17	0.81	22.98	<=33.01	Pass
			50	22.17	0.81	22.98	<=33.01	Pass
			99	22.17	0.81	22.98	<=33.01	Pass
	1880	1	0	22.88	0.81	23.69	<=33.01	Pass
			50	23.18	0.81	23.99	<=33.01	Pass
			99	22.85	0.81	23.66	<=33.01	Pass
		50	0	22.13	0.81	22.94	<=33.01	Pass
			25	22.13	0.81	22.94	<=33.01	Pass
			50	22.08	0.81	22.89	<=33.01	Pass
		100	0	22.10	0.81	22.91	<=33.01	Pass
			50	22.10	0.81	22.91	<=33.01	Pass
			99	22.10	0.81	22.91	<=33.01	Pass
	1900	1	0	22.68	0.81	23.49	<=33.01	Pass
			50	23.11	0.81	23.92	<=33.01	Pass
			99	22.84	0.81	23.65	<=33.01	Pass
		50	0	22.19	0.81	23.00	<=33.01	Pass
			25	22.17	0.81	22.98	<=33.01	Pass
			50	22.09	0.81	22.90	<=33.01	Pass
		100	0	22.15	0.81	22.96	<=33.01	Pass
			50	22.15	0.81	22.96	<=33.01	Pass
			99	22.15	0.81	22.96	<=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	3.27	-4.892	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0029	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-8.268	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				0	3.85	10.958	0.0059	-2.5 to 2.5	Pass
				10	3.85	-7.138	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-10.099	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-7.124	-0.0038	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-7.210	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-7.253	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-7.782	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-5.364	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.626	-0.0046	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-6.180	-0.0032	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0015	-2.5 to 2.5	Pass
					4.43	-10.200	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-3.490	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-5.965	-0.0031	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-4.921	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.562	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-8.211	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-8.340	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-7.510	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-7.439	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-8.612	-0.0047	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-10.858	-0.0058	-2.5 to 2.5	Pass
					3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
					4.43	-7.396	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.998	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-8.154	-0.0043	-2.5 to 2.5	Pass

				0	3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-12.789	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-4.878	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0024	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-11.301	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-5.207	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-6.523	-0.0034	-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	3.27	-12.889	-0.0070	-2.5 to 2.5	Pass
					3.85	-10.142	-0.0055	-2.5 to 2.5	Pass
					4.43	-6.008	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.580	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-6.838	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-5.393	-0.0029	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-9.584	-0.0051	-2.5 to 2.5	Pass
					3.85	-9.699	-0.0052	-2.5 to 2.5	Pass
					4.43	-6.752	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-10.629	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-8.769	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-8.097	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-8.326	-0.0044	-2.5 to 2.5	Pass
					3.85	-7.324	-0.0038	-2.5 to 2.5	Pass
					4.43	-9.956	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-5.908	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-10.672	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-6.609	-0.0036	-2.5 to 2.5	Pass
					3.85	-7.467	-0.0040	-2.5 to 2.5	Pass
					4.43	-11.945	-0.0065	-2.5 to 2.5	Pass

				-30	3.85	-8.283	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-8.025	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-7.825	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-7.038	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0025	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-3.662	-0.0019	-2.5 to 2.5	Pass
					3.85	-12.088	-0.0064	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-7.381	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-7.238	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-7.839	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-13.132	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0049	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-7.095	-0.0037	-2.5 to 2.5	Pass
					3.85	-6.194	-0.0032	-2.5 to 2.5	Pass
					4.43	-7.496	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-7.195	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.766	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-5.679	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-8.111	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-8.926	-0.0047	-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	3.27	-4.592	-0.0025	-2.5 to 2.5	Pass
					3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
					4.43	-5.078	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.439	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-10.986	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-8.454	-0.0045	-2.5 to 2.5	Pass
					3.85	-4.764	-0.0025	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-8.841	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-8.469	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-10.228	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.27	-6.251	-0.0033	-2.5 to 2.5	Pass
					3.85	0.486	0.0003	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-8.554	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-7.010	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0017	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-6.709	-0.0036	-2.5 to 2.5	Pass
					3.85	-13.475	-0.0073	-2.5 to 2.5	Pass
					4.43	-8.855	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-7.868	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-6.609	-0.0036	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-8.597	-0.0046	-2.5 to 2.5	Pass
					3.85	-8.097	-0.0043	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-7.181	-0.0038	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-2.317	-0.0012	-2.5 to 2.5	Pass
					3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-10.686	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-6.938	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.236	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0021	-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	3.27	-5.293	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0031	-2.5 to 2.5	Pass

				30	3.85	-5.665	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-7.596	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-9.227	-0.0049	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0040	-2.5 to 2.5	Pass
					4.43	-8.025	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-9.427	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-10.128	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-8.912	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-11.287	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-8.755	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-10.128	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-10.571	-0.0056	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-9.055	-0.0048	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
					4.43	-8.254	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-10.057	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.110	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-3.247	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-7.653	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-12.259	-0.0065	-2.5 to 2.5	Pass
					3.85	-8.998	-0.0048	-2.5 to 2.5	Pass
					4.43	-10.242	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-11.158	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-12.074	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-8.712	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-8.411	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-10.071	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-9.770	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-10.142	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-10.171	-0.0054	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-2.546	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0023	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0008	-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	3.27	-7.210	-0.0039	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
					4.43	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-7.997	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
				10	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-5.364	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0038	-2.5 to 2.5	Pass
					4.43	-8.841	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-7.839	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-8.769	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-4.420	-0.0023	-2.5 to 2.5	Pass
					3.85	-8.855	-0.0047	-2.5 to 2.5	Pass
					4.43	-6.895	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0026	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.632	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
					4.43	0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.950	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-6.266	-0.0033	-2.5 to 2.5	Pass
					3.85	-6.981	-0.0037	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-7.195	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-8.683	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-7.696	-0.0041	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.27	-7.138	-0.0038	-2.5 to 2.5	Pass
					3.85	-9.084	-0.0048	-2.5 to 2.5	Pass
					4.43	-10.600	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-4.463	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-7.267	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-11.287	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.104	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-9.542	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0018	-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	3.27	-7.896	-0.0042	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-6.723	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-4.749	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-7.153	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-3.891	-0.0021	-2.5 to 2.5	Pass
					3.85	-6.981	-0.0037	-2.5 to 2.5	Pass
					4.43	-8.125	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-6.094	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-10.886	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-8.955	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-10.672	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-8.755	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-1.531	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.761	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-6.151	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-2.475	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.648	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-6.766	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.592	-0.0025	-2.5 to 2.5	Pass
	1860	100	0	0	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-7.296	-0.0039	-2.5 to 2.5	Pass

				30	3.85	-4.563	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-8.583	-0.0046	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0050	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-9.928	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-8.683	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-10.643	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-9.813	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-13.561	-0.0072	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.060	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-5.522	-0.0029	-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

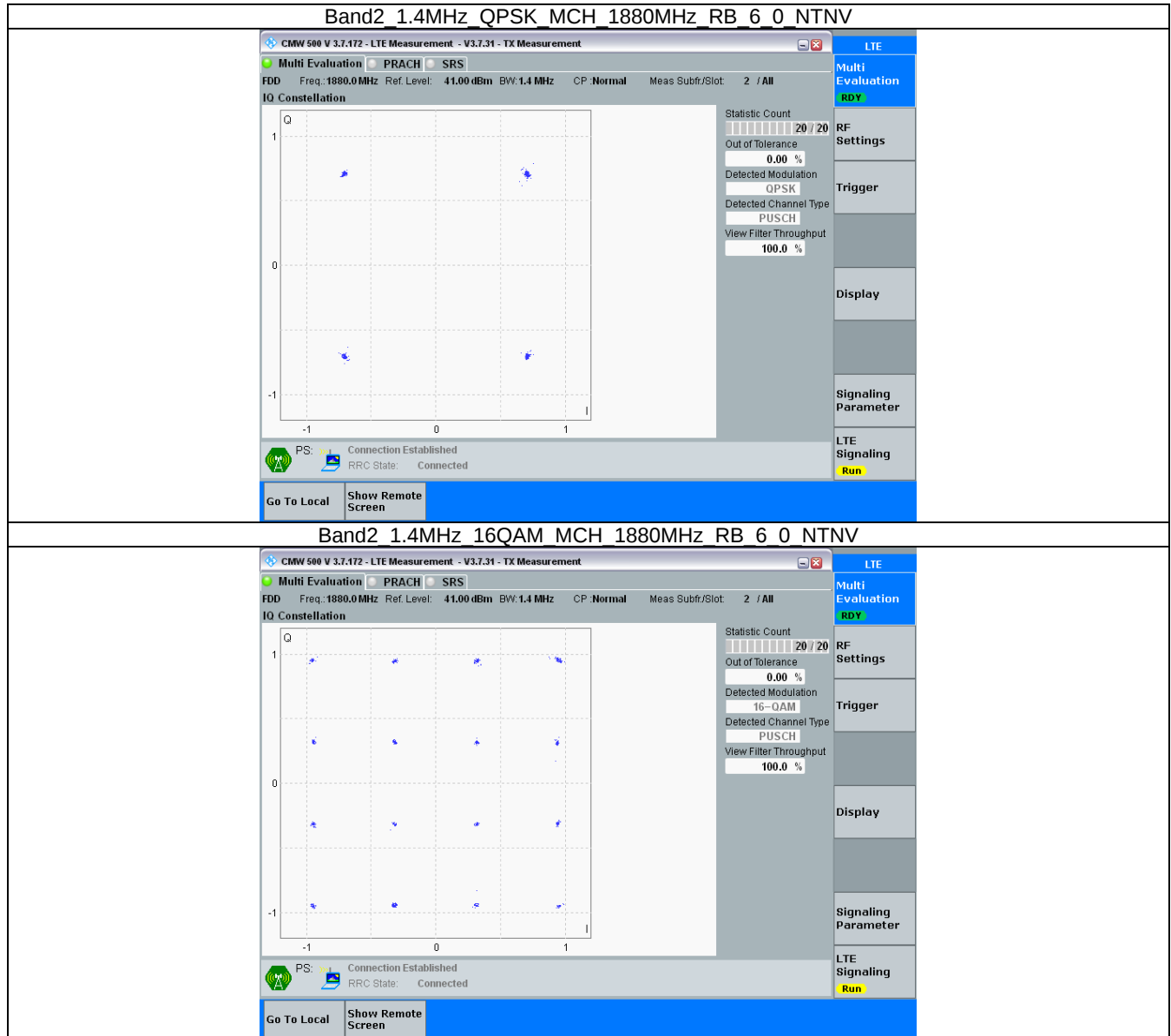
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

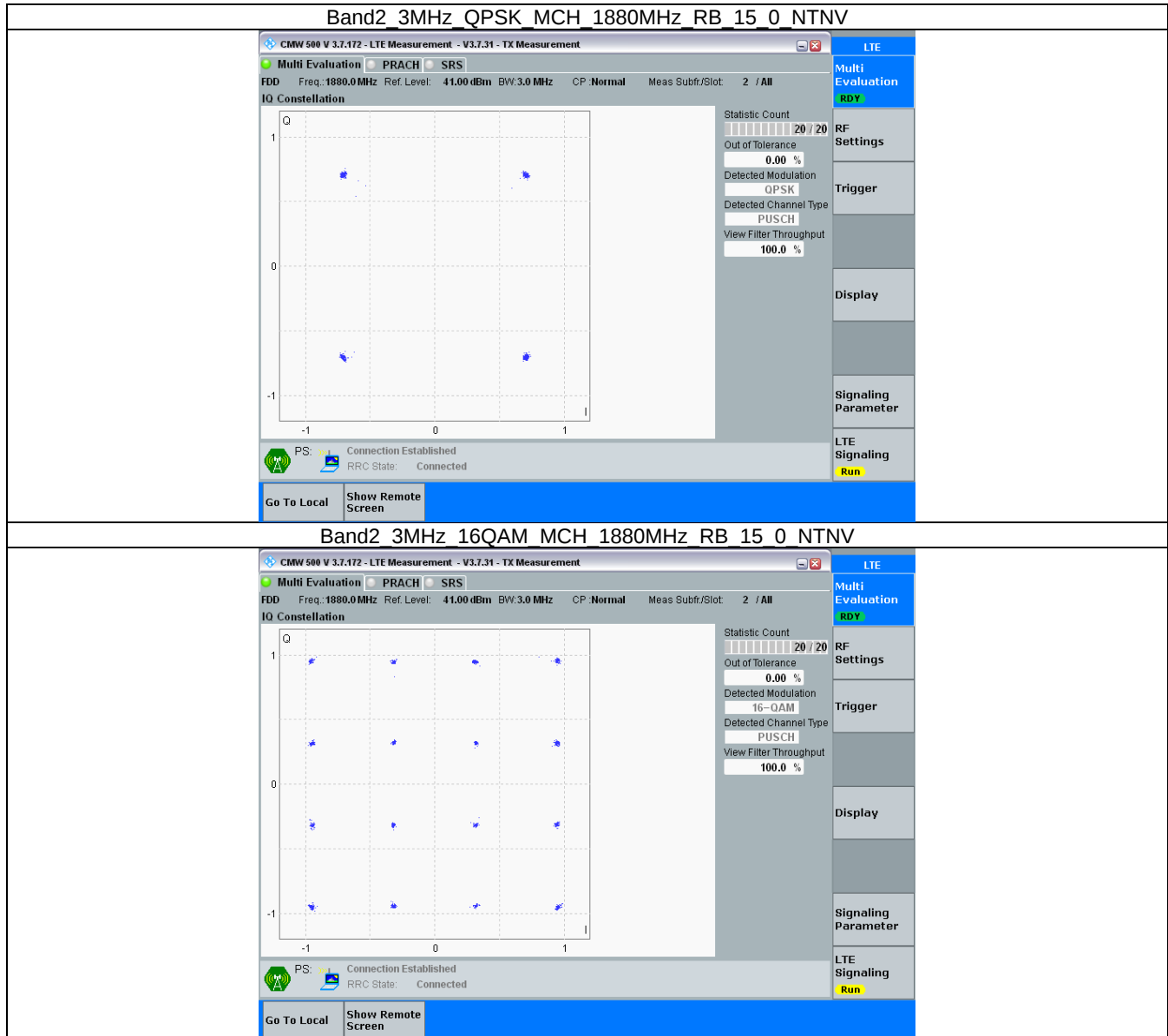
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

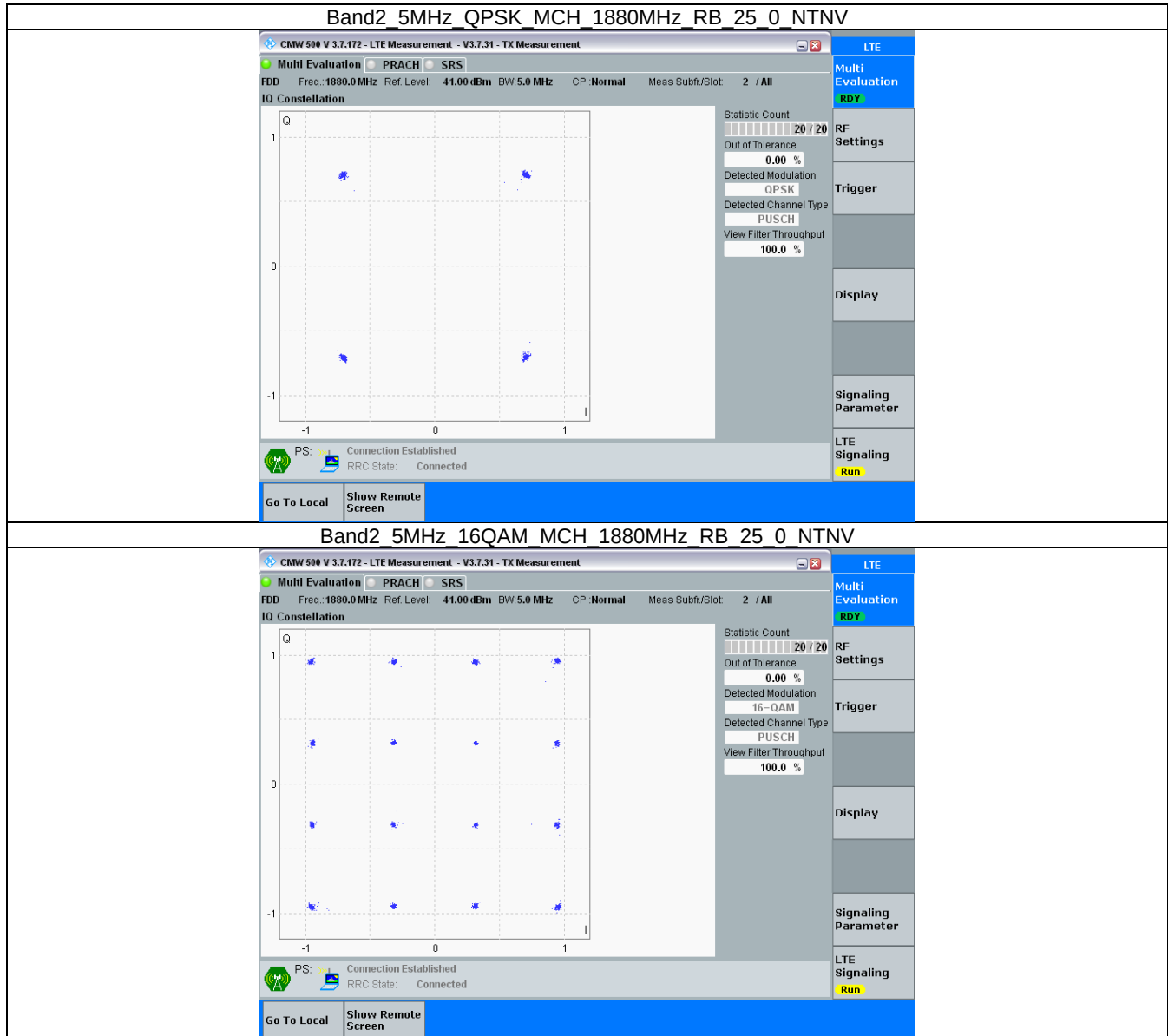
3.2.1 B2_1.4MHz



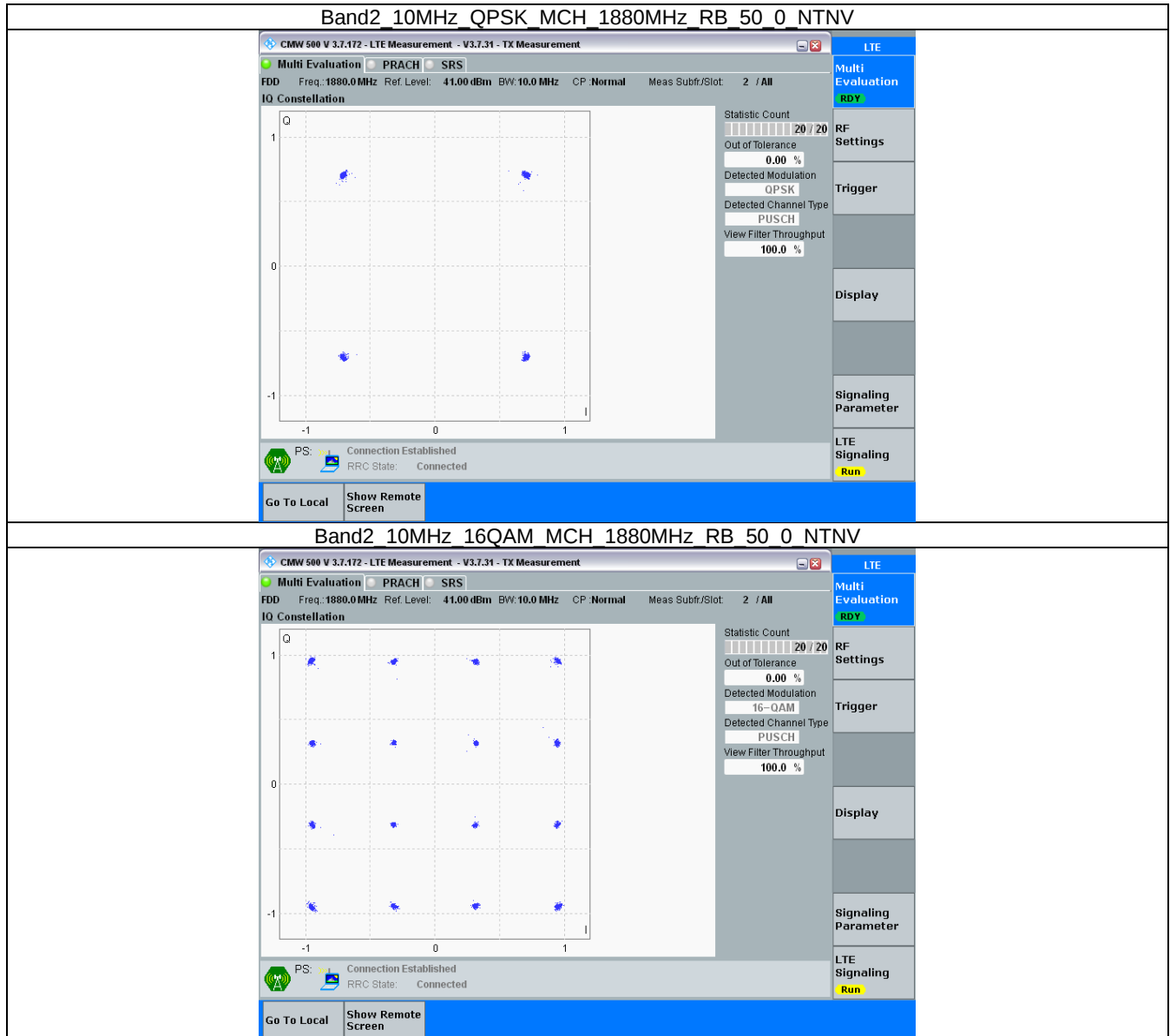
3.2.2 B2_3MHz



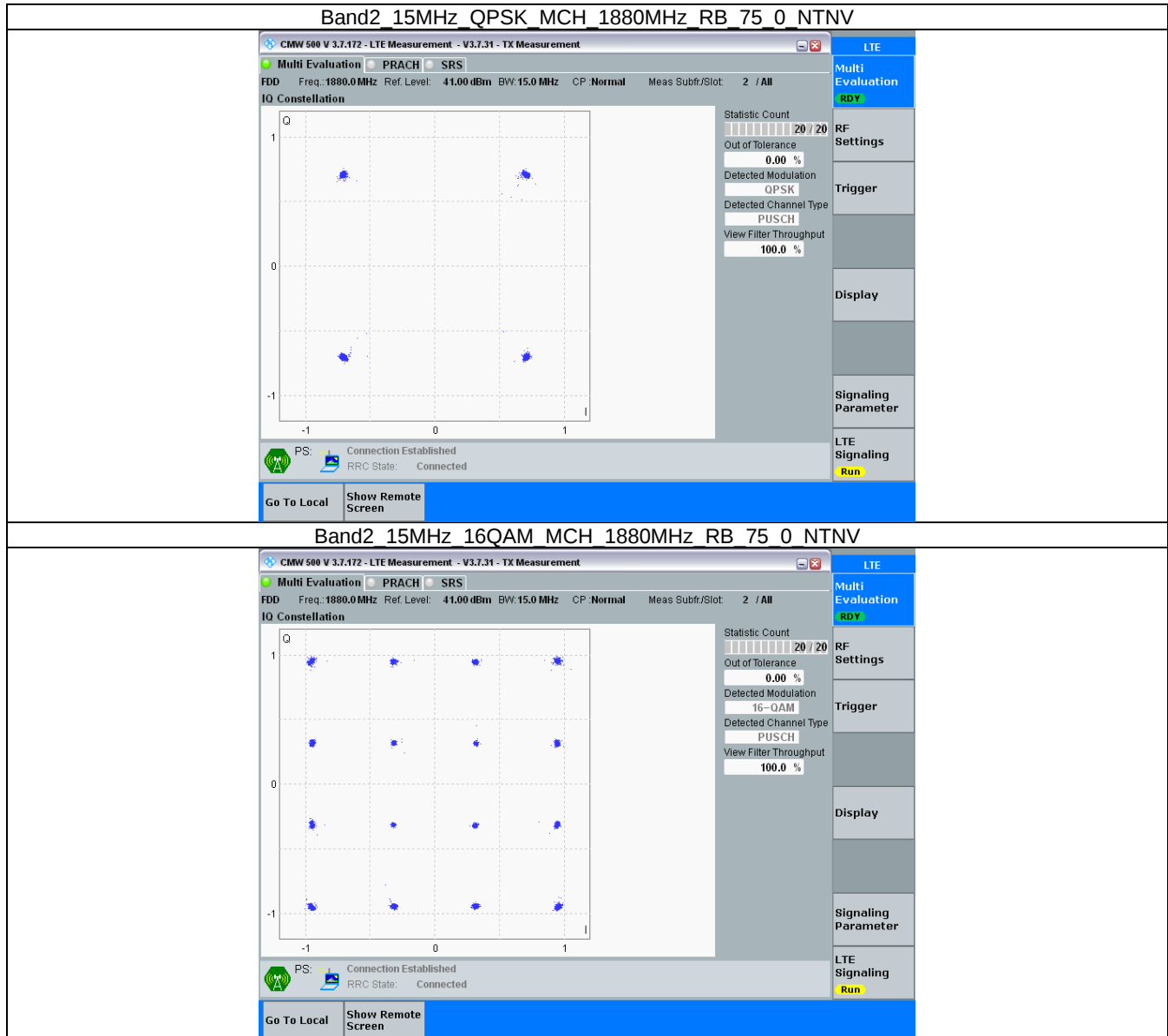
3.2.3 B2_5MHz



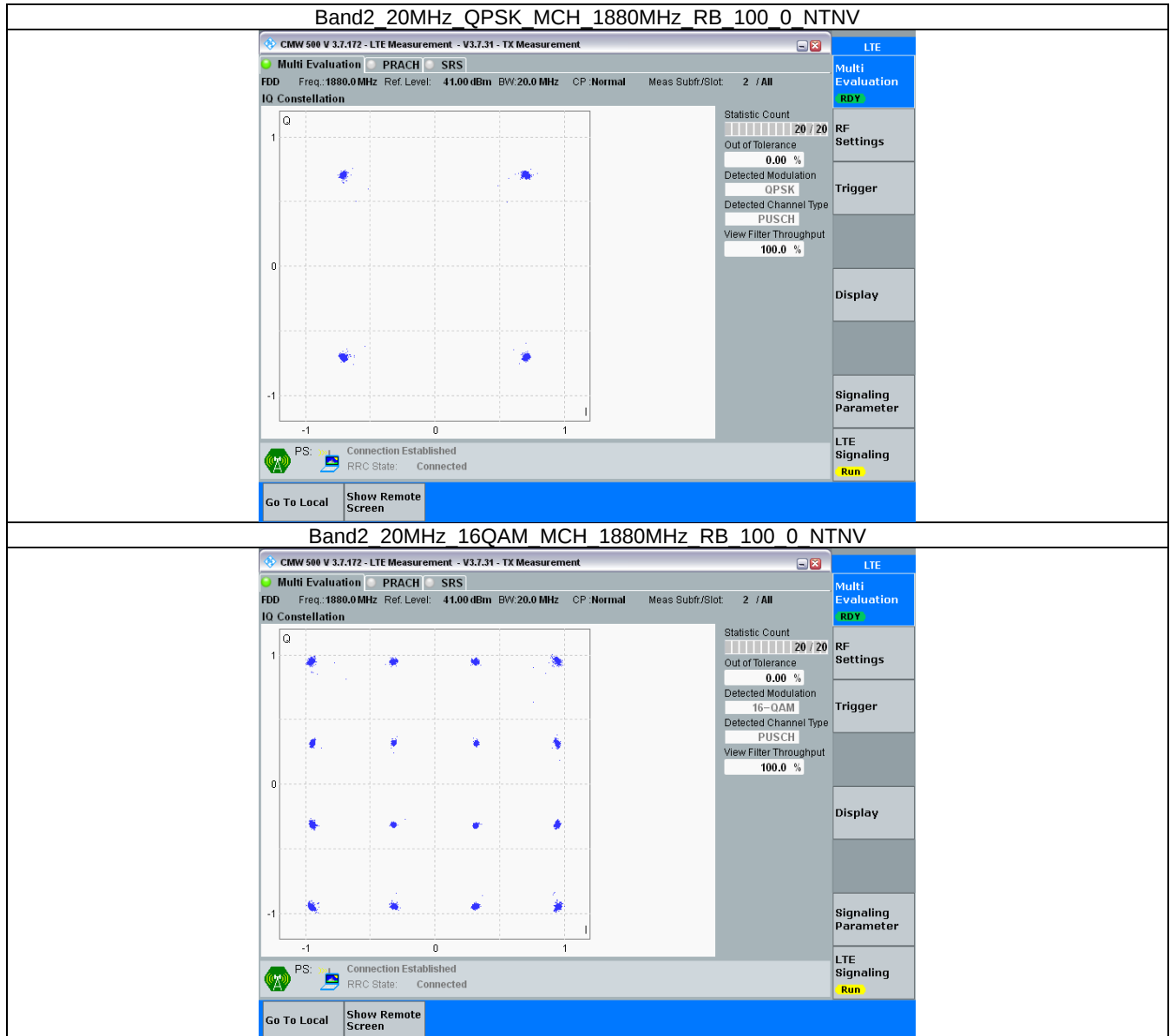
3.2.4 B2_10MHz



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	1.109	/	Pass
		1880	6	0	1.116	/	Pass
		1909.3	6	0	1.104	/	Pass
	16QAM	1850.7	6	0	1.110	/	Pass
		1880	6	0	1.112	/	Pass
		1909.3	6	0	1.114	/	Pass
3	QPSK	1851.5	15	0	2.719	/	Pass
		1880	15	0	2.726	/	Pass
		1908.5	15	0	2.716	/	Pass
	16QAM	1851.5	15	0	2.727	/	Pass
		1880	15	0	2.719	/	Pass
		1908.5	15	0	2.727	/	Pass
5	QPSK	1852.5	25	0	4.535	/	Pass
		1880	25	0	4.542	/	Pass
		1907.5	25	0	4.551	/	Pass
	16QAM	1852.5	25	0	4.551	/	Pass
		1880	25	0	4.543	/	Pass
		1907.5	25	0	4.523	/	Pass
10	QPSK	1855	50	0	9.065	/	Pass
		1880	50	0	9.081	/	Pass
		1905	50	0	9.044	/	Pass
	16QAM	1855	50	0	9.038	/	Pass
		1880	50	0	9.051	/	Pass
		1905	50	0	9.059	/	Pass
15	QPSK	1857.5	75	0	13.586	/	Pass
		1880	75	0	13.594	/	Pass
		1902.5	75	0	13.572	/	Pass
	16QAM	1857.5	75	0	13.565	/	Pass
		1880	75	0	13.602	/	Pass
		1902.5	75	0	13.593	/	Pass
20	QPSK	1860	100	0	18.102	/	Pass
		1880	100	0	18.111	/	Pass
		1900	100	0	18.090	/	Pass
	16QAM	1860	100	0	18.092	/	Pass
		1880	100	0	18.104	/	Pass
		1900	100	0	18.179	/	Pass

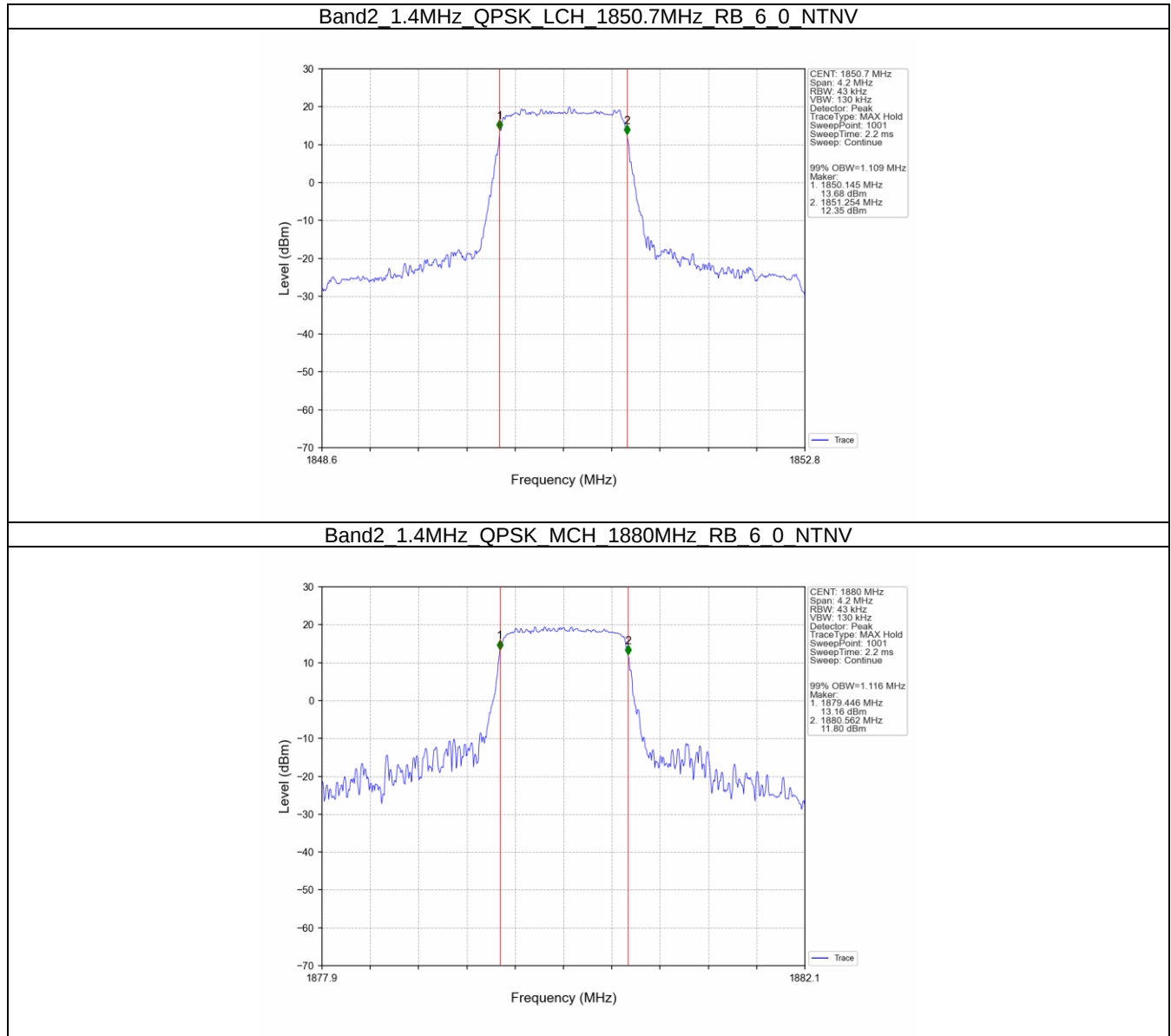
4.1.2 Band2_XDB

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	1.306	/	Pass
		1880	6	0	1.325	/	Pass
		1909.3	6	0	1.323	/	Pass
	16QAM	1850.7	6	0	1.309	/	Pass
		1880	6	0	1.325	/	Pass
		1909.3	6	0	1.312	/	Pass
3	QPSK	1851.5	15	0	3.007	/	Pass

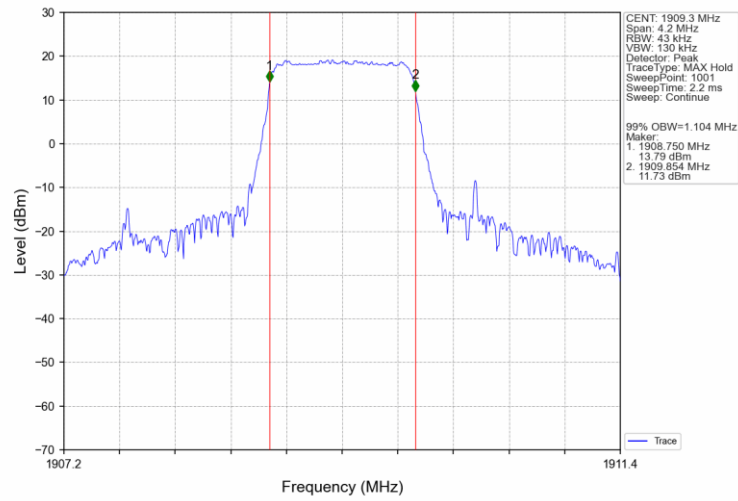
	16QAM	1880	15	0	2.994	/	Pass
		1908.5	15	0	2.992	/	Pass
		1851.5	15	0	3.008	/	Pass
		1880	15	0	2.990	/	Pass
		1908.5	15	0	2.996	/	Pass
5	QPSK	1852.5	25	0	5.002	/	Pass
		1880	25	0	5.031	/	Pass
		1907.5	25	0	5.028	/	Pass
	16QAM	1852.5	25	0	5.038	/	Pass
		1880	25	0	5.036	/	Pass
		1907.5	25	0	4.998	/	Pass
10	QPSK	1855	50	0	9.953	/	Pass
		1880	50	0	9.949	/	Pass
		1905	50	0	10.200	/	Pass
	16QAM	1855	50	0	9.913	/	Pass
		1880	50	0	9.958	/	Pass
		1905	50	0	9.864	/	Pass
15	QPSK	1857.5	75	0	14.943	/	Pass
		1880	75	0	14.855	/	Pass
		1902.5	75	0	14.849	/	Pass
	16QAM	1857.5	75	0	14.899	/	Pass
		1880	75	0	15.032	/	Pass
		1902.5	75	0	14.860	/	Pass
20	QPSK	1860	100	0	19.677	/	Pass
		1880	100	0	19.827	/	Pass
		1900	100	0	19.679	/	Pass
	16QAM	1860	100	0	19.642	/	Pass
		1880	100	0	19.682	/	Pass
		1900	100	0	19.655	/	Pass

4.2 Test Graph

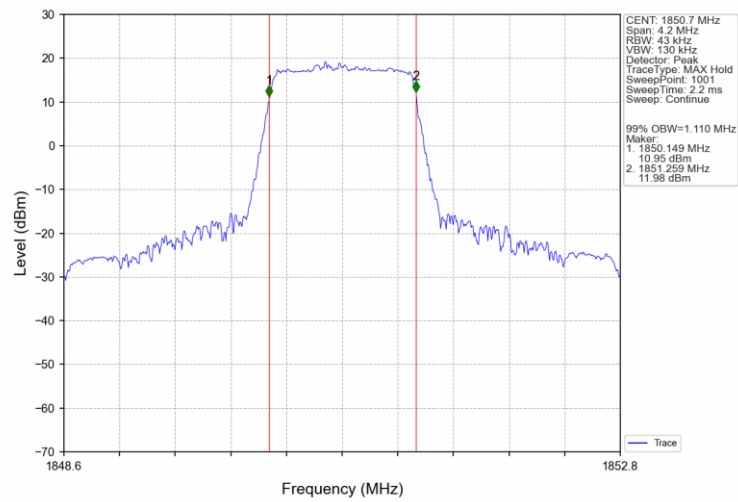
4.2.1 Band2_OBW



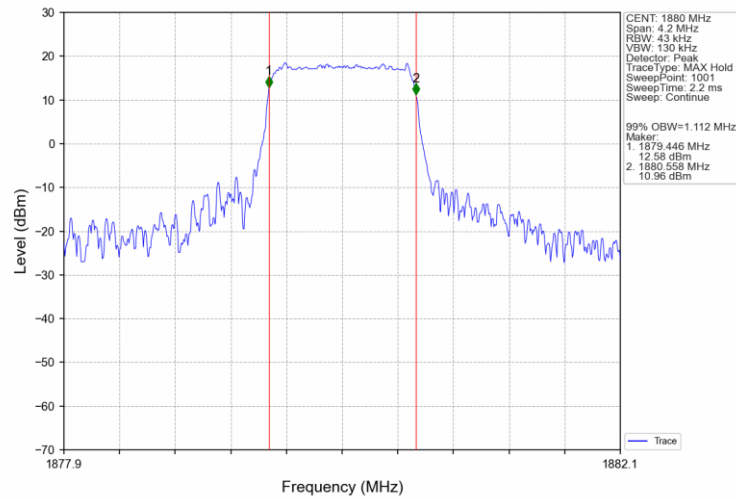
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



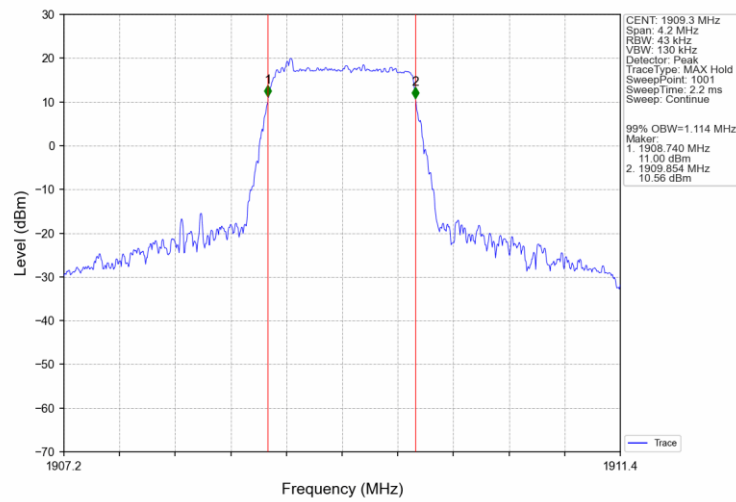
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



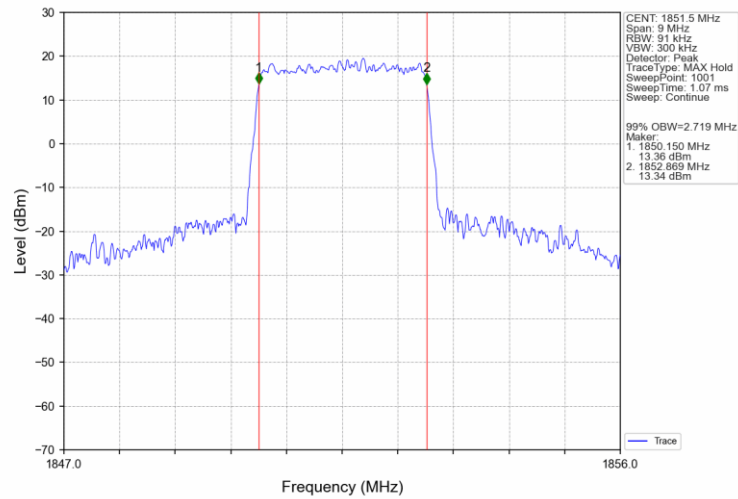
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



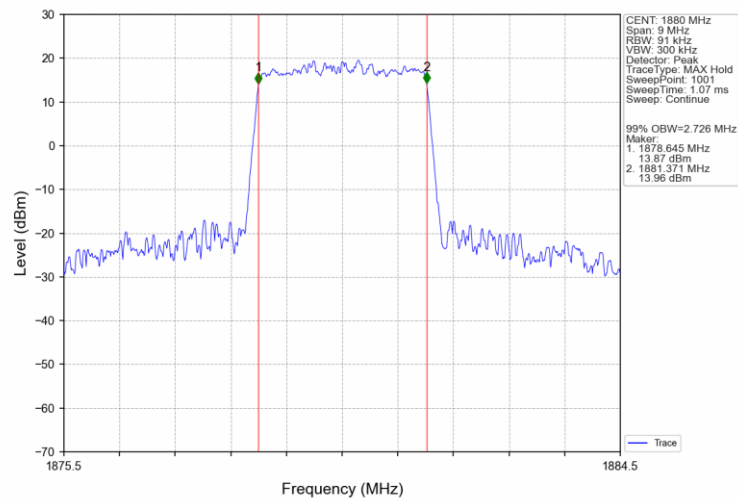
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV



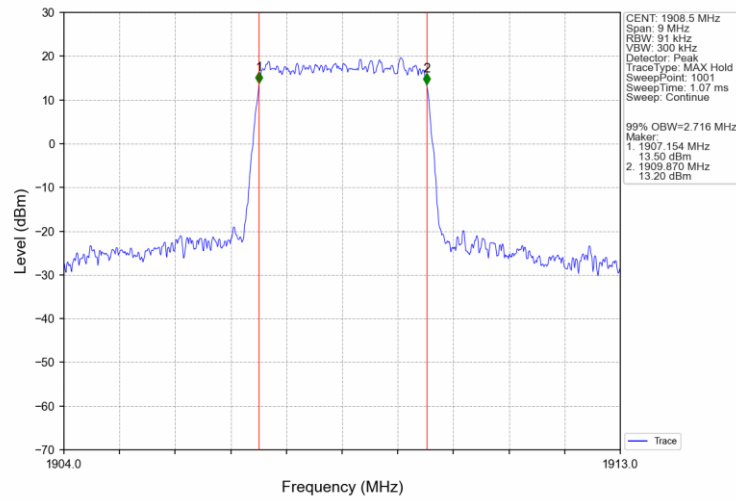
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



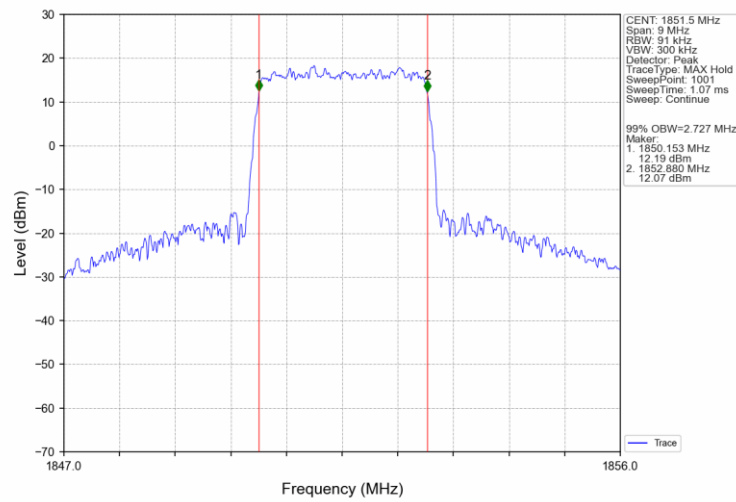
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



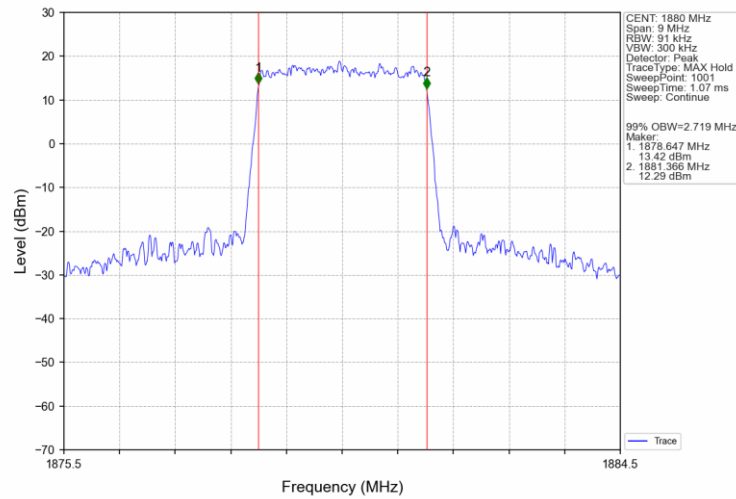
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



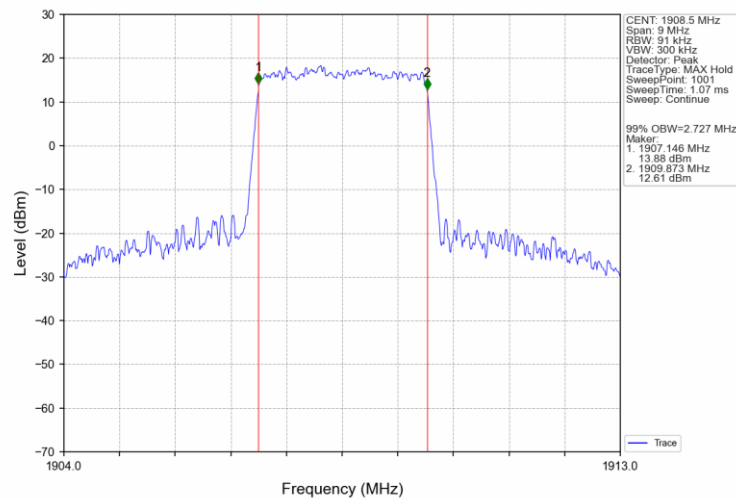
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



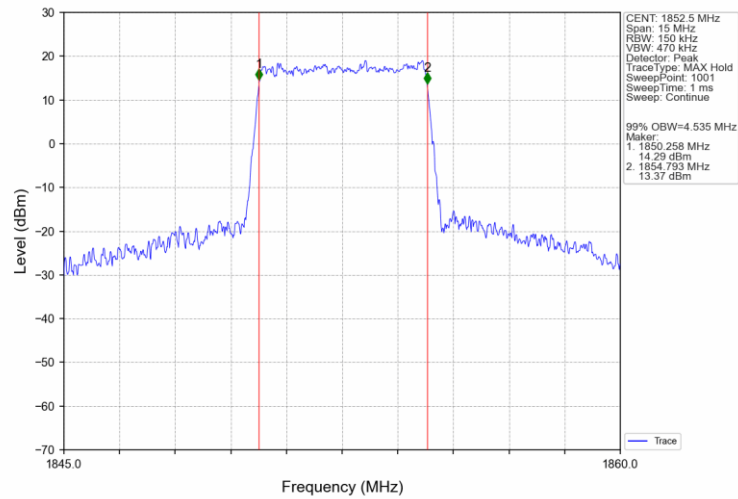
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



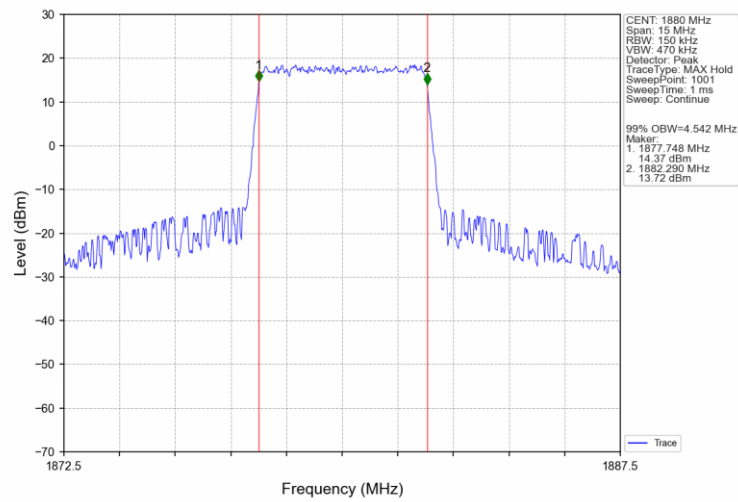
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



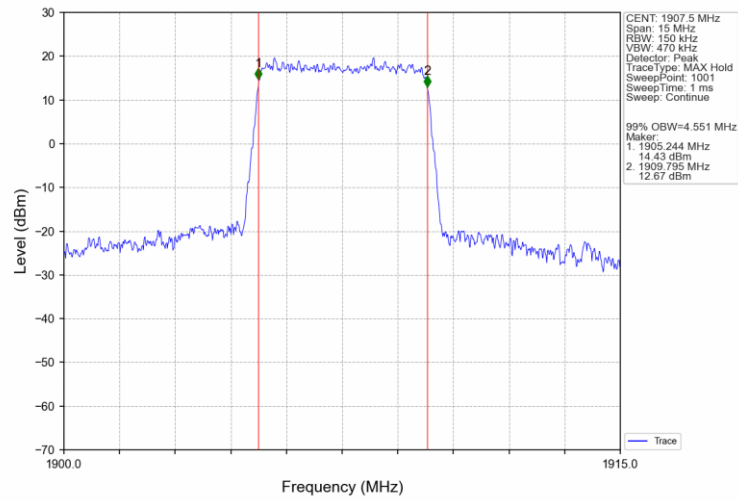
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



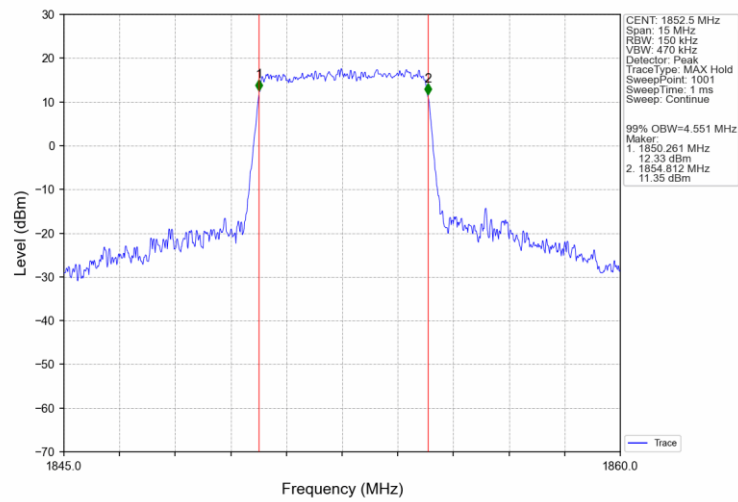
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



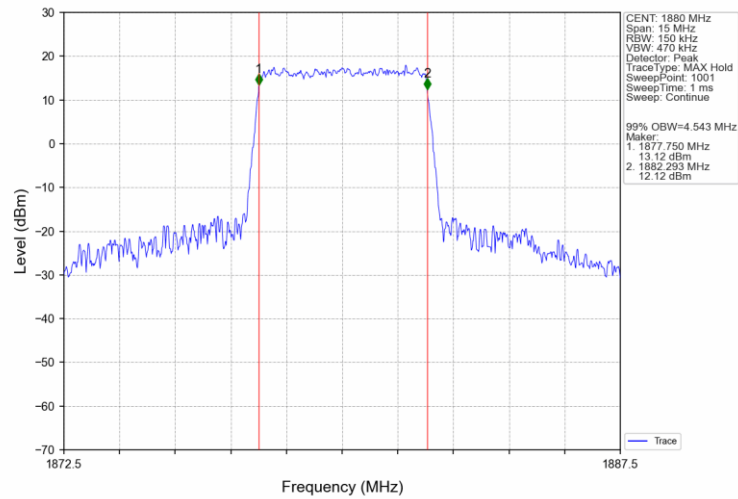
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



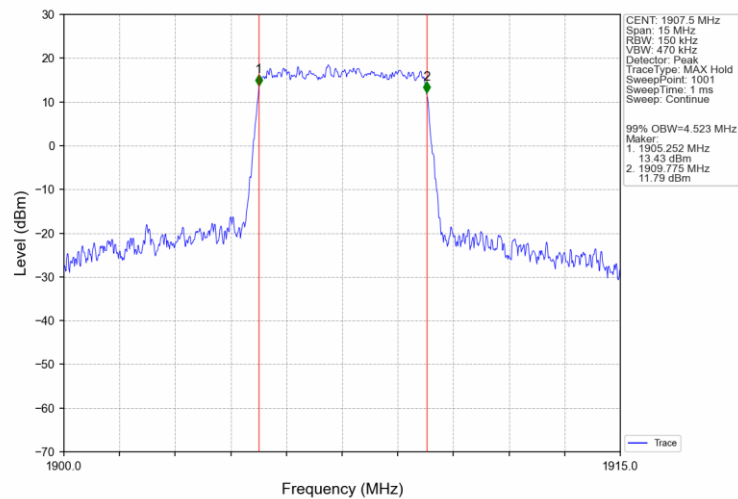
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



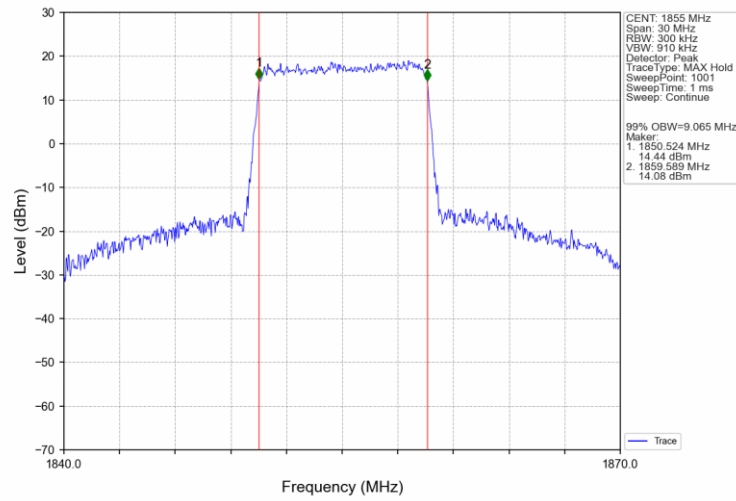
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



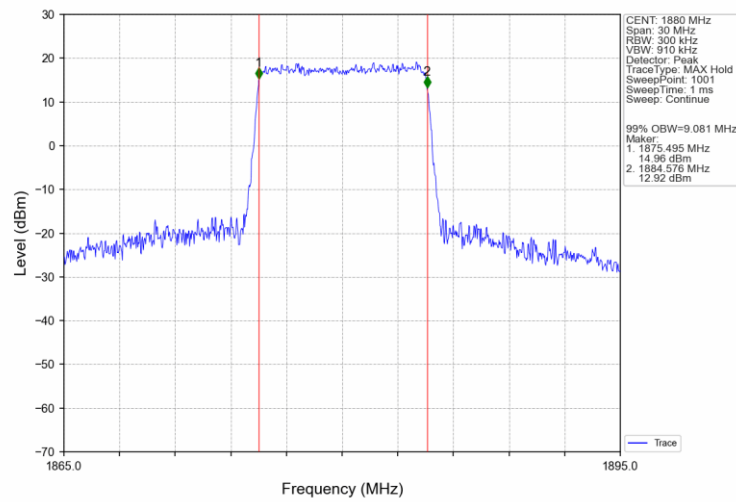
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



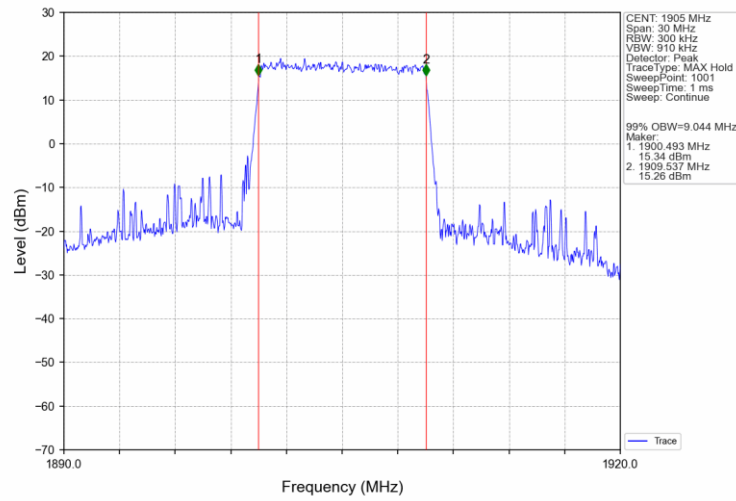
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



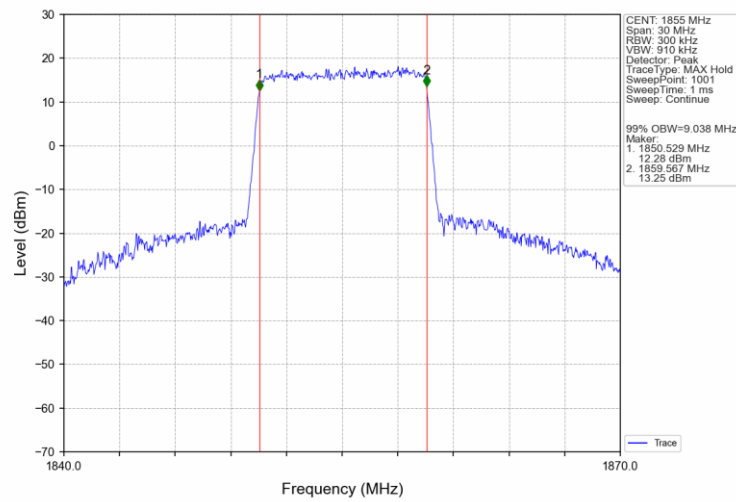
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



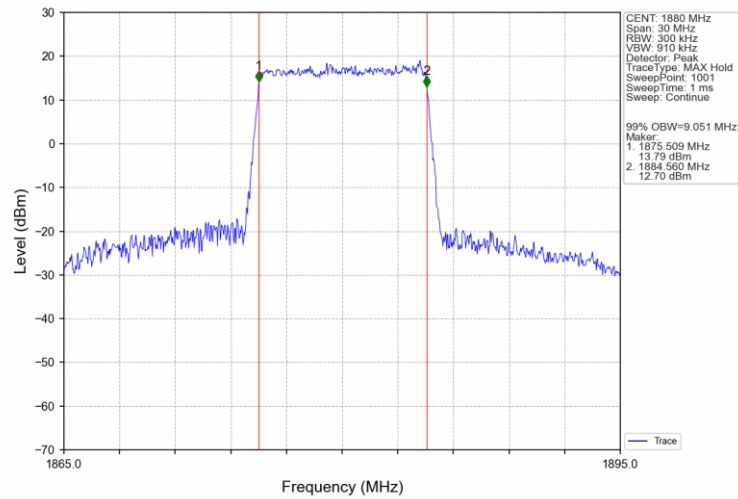
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



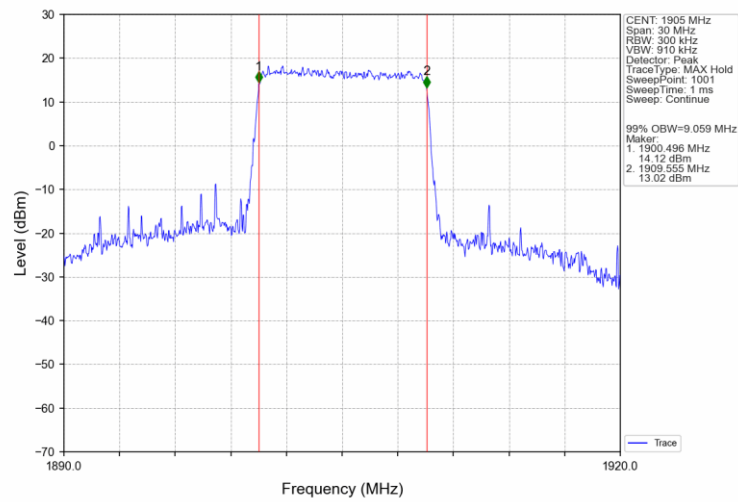
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



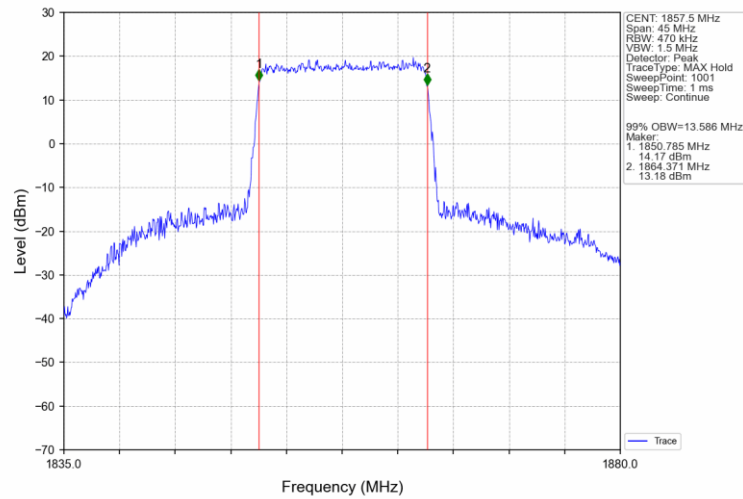
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



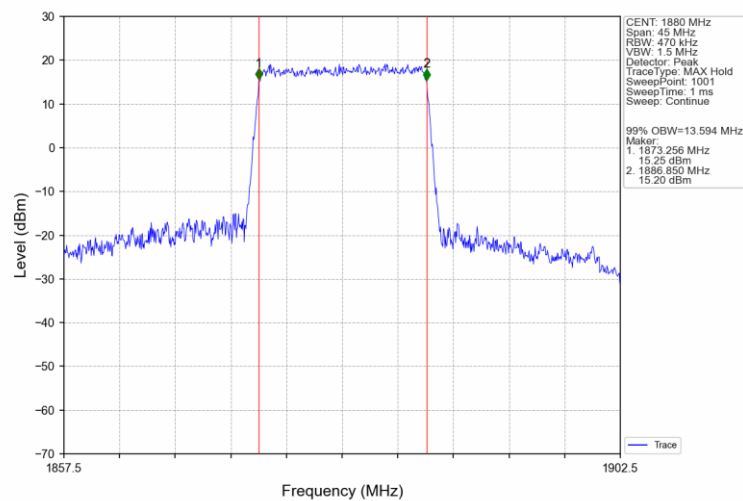
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



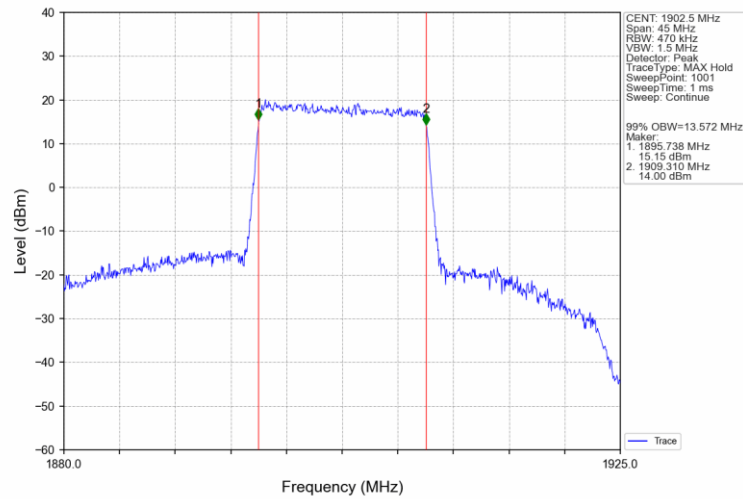
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



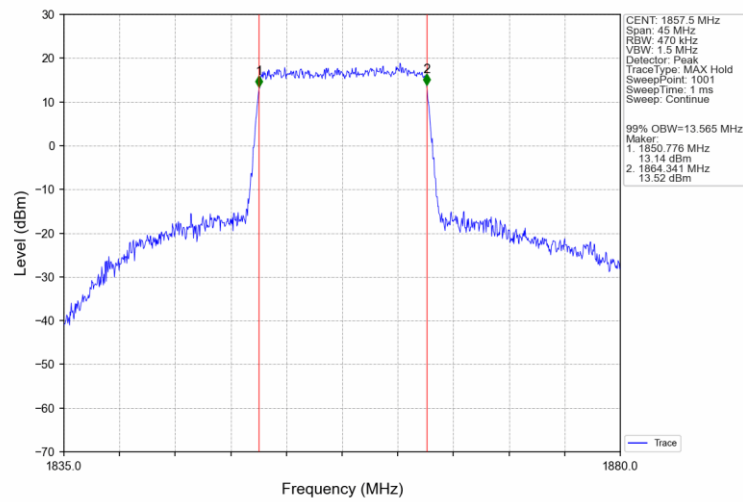
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



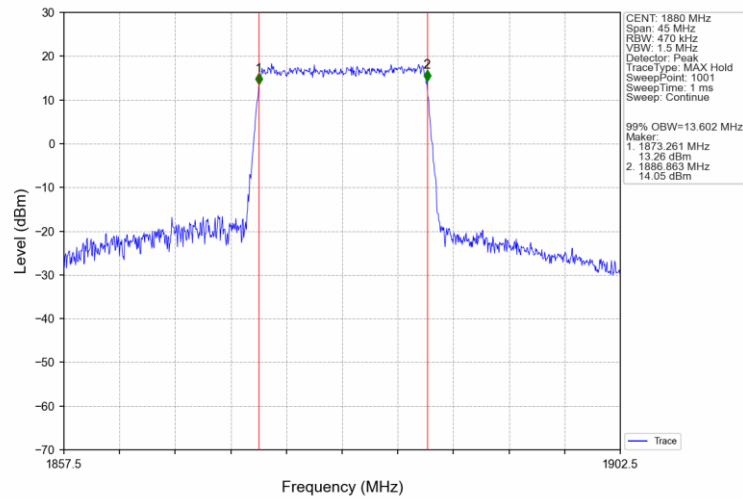
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



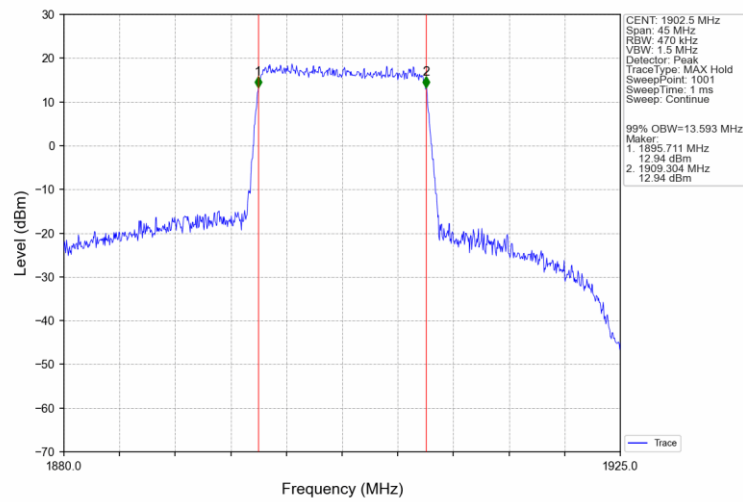
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



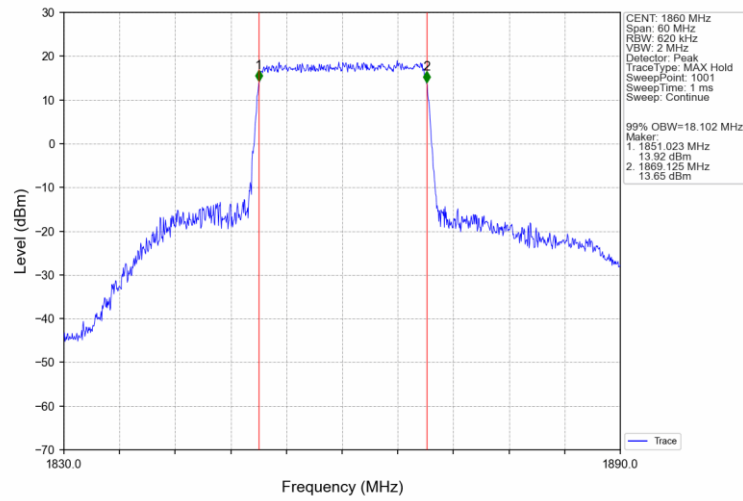
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



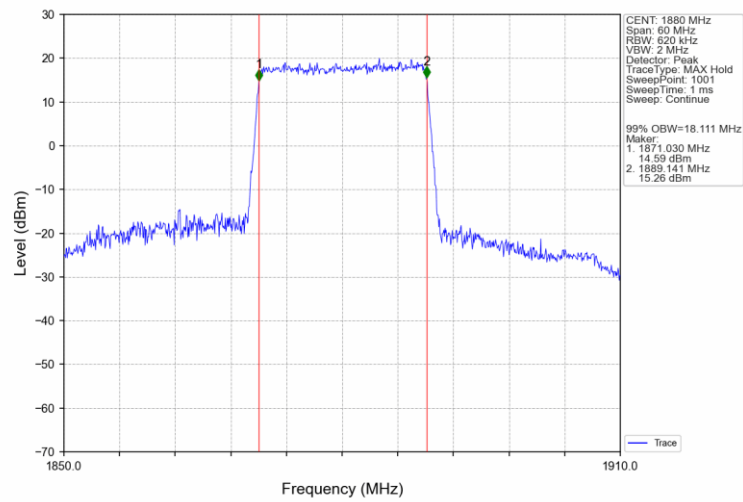
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



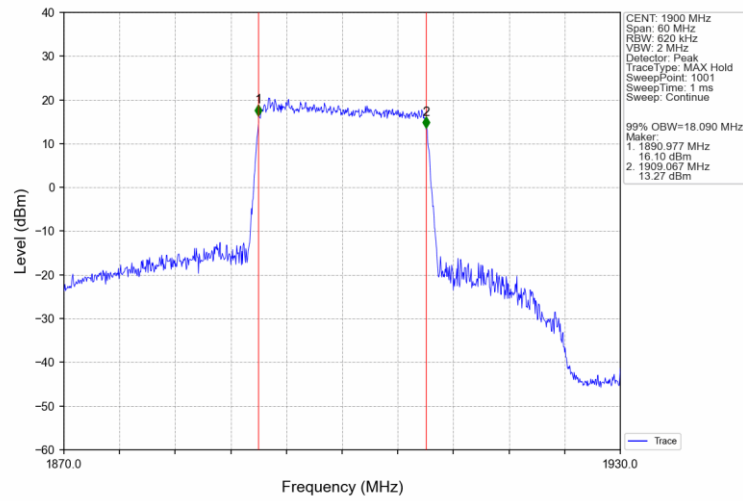
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



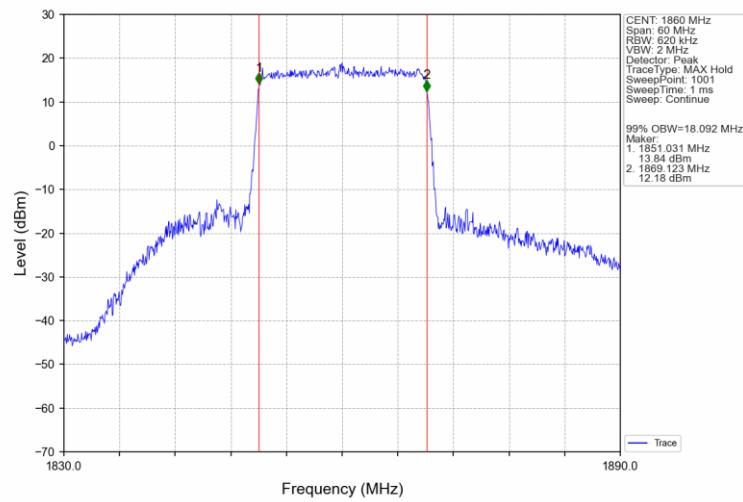
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



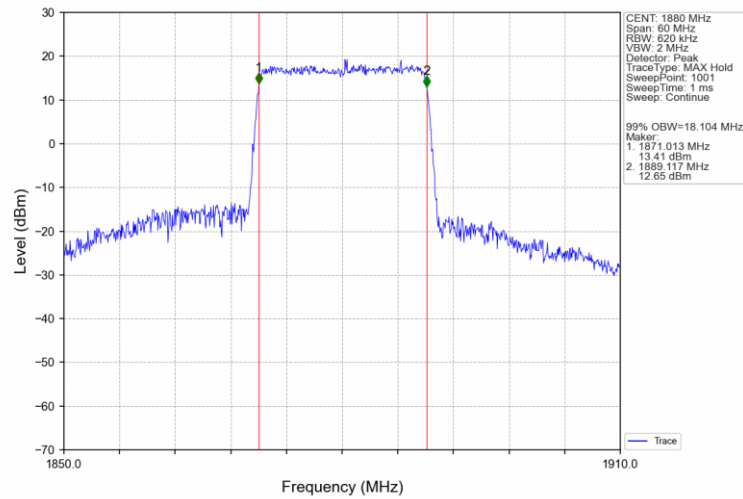
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



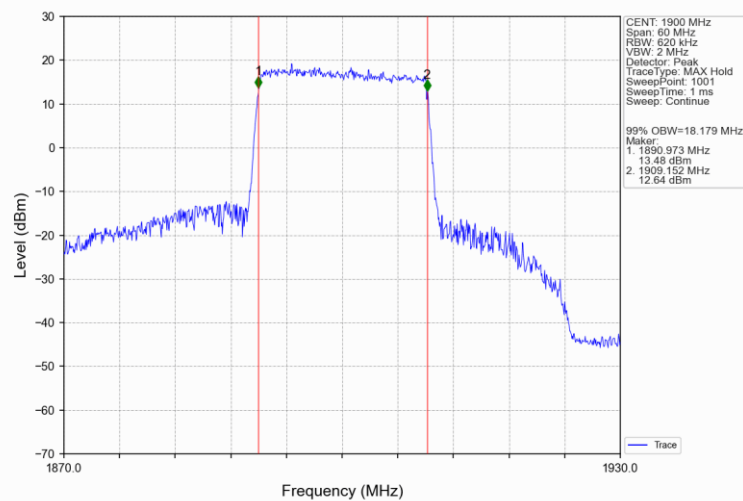
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

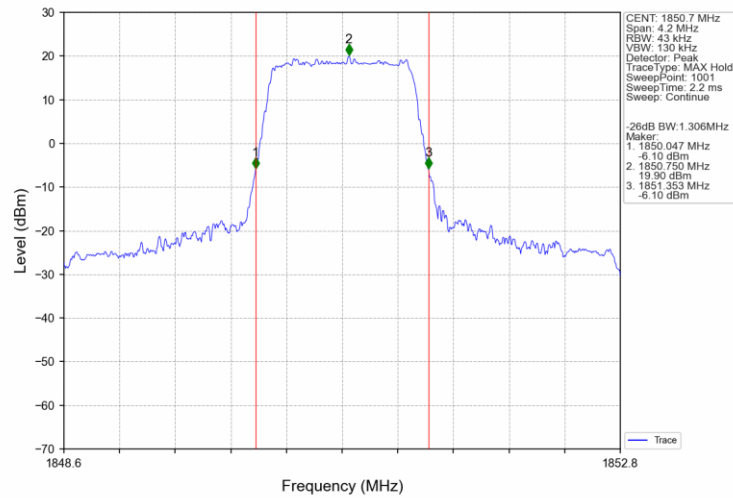


Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

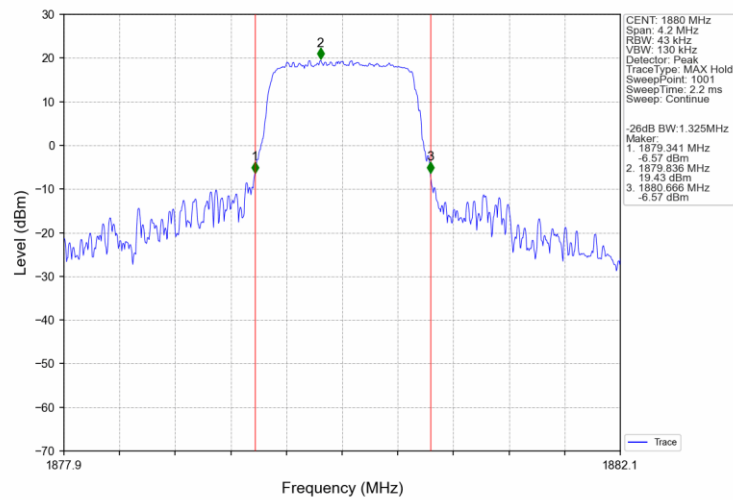


4.2.2 Band2_XDB

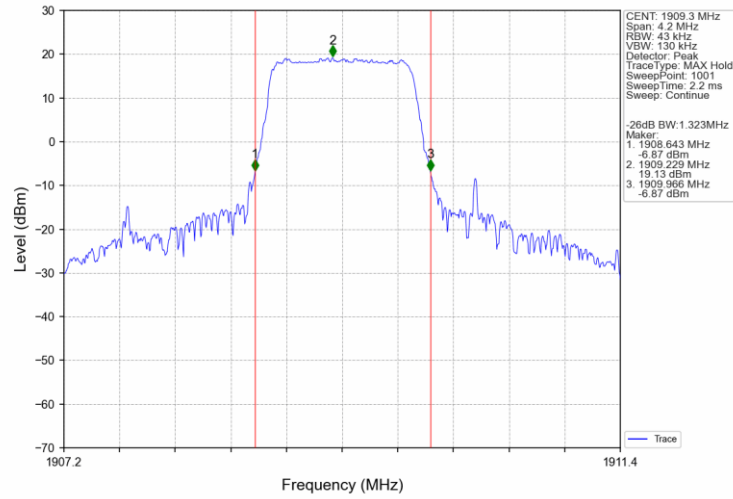
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



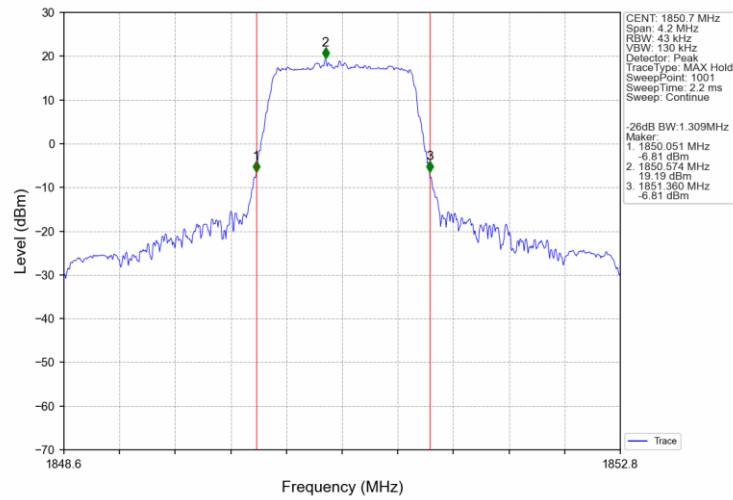
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



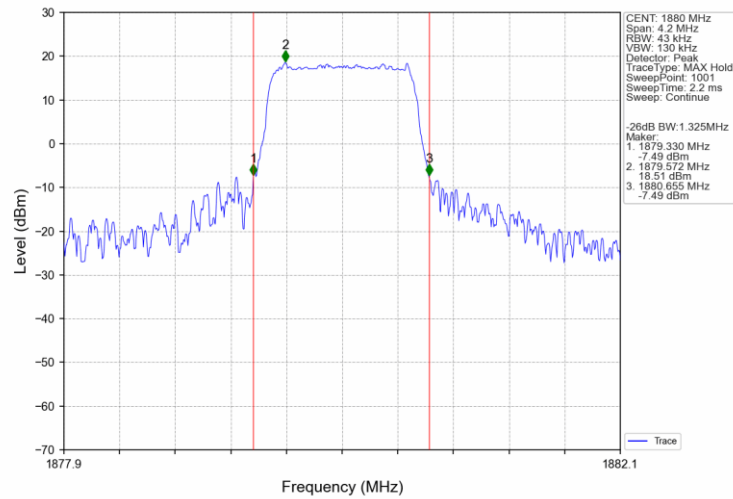
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



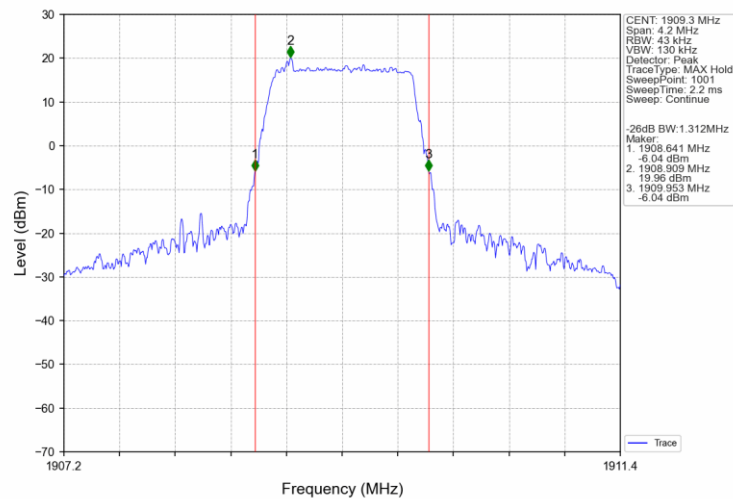
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



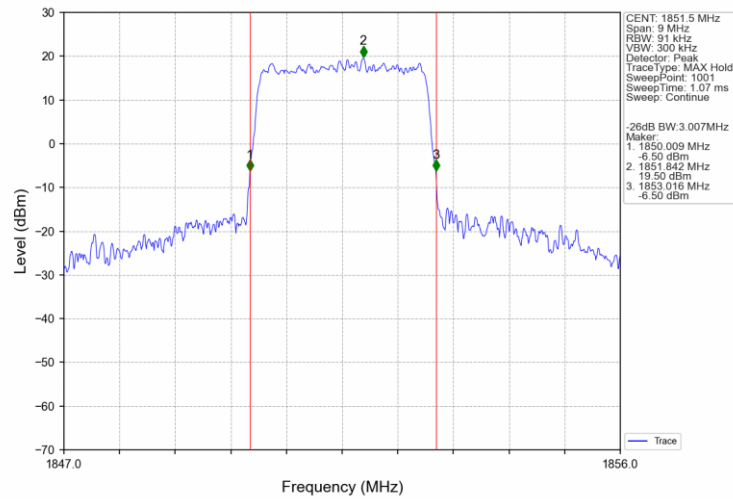
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



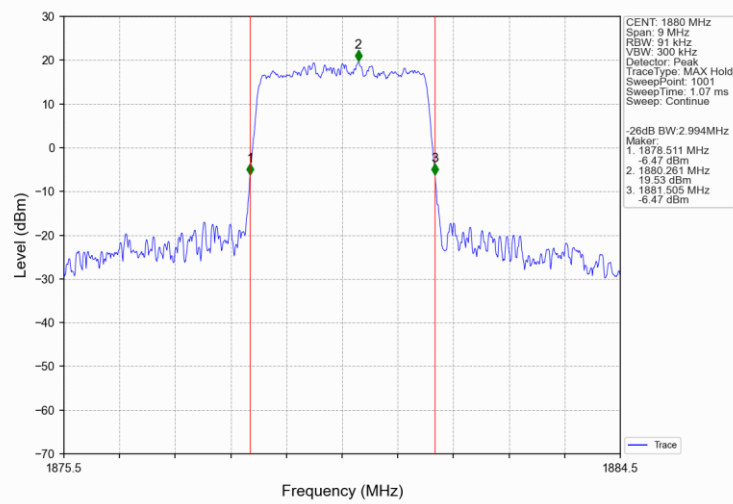
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



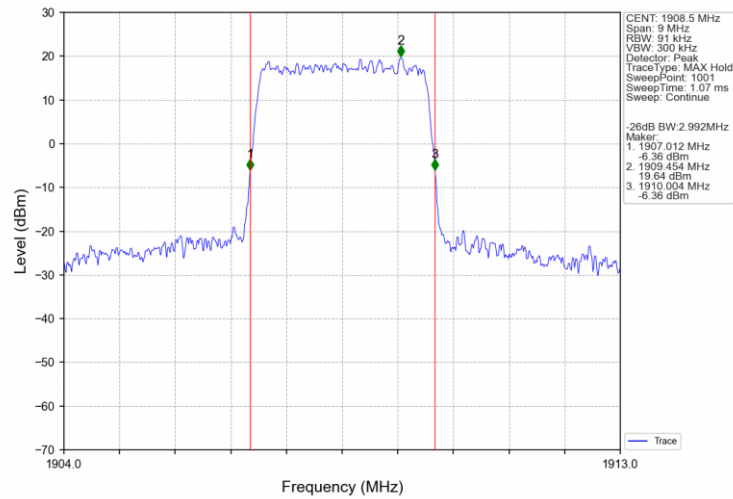
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



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

