

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	24.72	-1.00	23.72	<=33.01	Pass
			2	24.77	-1.00	23.77	<=33.01	Pass
			5	24.73	-1.00	23.73	<=33.01	Pass
		3	0	24.75	-1.00	23.75	<=33.01	Pass
			2	24.77	-1.00	23.77	<=33.01	Pass
			3	24.78	-1.00	23.78	<=33.01	Pass
		6	0	23.76	-1.00	22.76	<=33.01	Pass
	1880	1	0	24.49	-1.00	23.49	<=33.01	Pass
			2	24.48	-1.00	23.48	<=33.01	Pass
			5	24.48	-1.00	23.48	<=33.01	Pass
		3	0	24.98	-1.00	23.98	<=33.01	Pass
			2	24.98	-1.00	23.98	<=33.01	Pass
			3	24.95	-1.00	23.95	<=33.01	Pass
		6	0	24.05	-1.00	23.05	<=33.01	Pass
	1909.3	1	0	24.35	-1.00	23.35	<=33.01	Pass
			2	24.36	-1.00	23.36	<=33.01	Pass
			5	24.39	-1.00	23.39	<=33.01	Pass
		3	0	24.99	-1.00	23.99	<=33.01	Pass
			2	24.99	-1.00	23.99	<=33.01	Pass
			3	24.99	-1.00	23.99	<=33.01	Pass
		6	0	23.97	-1.00	22.97	<=33.01	Pass
16QAM	1850.7	1	0	23.79	-1.00	22.79	<=33.01	Pass
			2	23.79	-1.00	22.79	<=33.01	Pass
			5	23.78	-1.00	22.78	<=33.01	Pass
		3	0	23.77	-1.00	22.77	<=33.01	Pass
			2	23.78	-1.00	22.78	<=33.01	Pass
			3	23.79	-1.00	22.79	<=33.01	Pass
		6	0	22.68	-1.00	21.68	<=33.01	Pass
	1880	1	0	23.69	-1.00	22.69	<=33.01	Pass
			2	23.66	-1.00	22.66	<=33.01	Pass
			5	23.67	-1.00	22.67	<=33.01	Pass
		3	0	24.01	-1.00	23.01	<=33.01	Pass
			2	23.99	-1.00	22.99	<=33.01	Pass
			3	23.98	-1.00	22.98	<=33.01	Pass
		6	0	23.07	-1.00	22.07	<=33.01	Pass
	1909.3	1	0	23.48	-1.00	22.48	<=33.01	Pass
			2	23.45	-1.00	22.45	<=33.01	Pass
			5	23.46	-1.00	22.46	<=33.01	Pass
		3	0	24.13	-1.00	23.13	<=33.01	Pass
			2	24.15	-1.00	23.15	<=33.01	Pass
			3	24.17	-1.00	23.17	<=33.01	Pass
		6	0	22.95	-1.00	21.95	<=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	-1.00	23.27	<=33.01	Pass
			7	24.28	-1.00	23.28	<=33.01	Pass
			14	24.25	-1.00	23.25	<=33.01	Pass
		8	0	23.75	-1.00	22.75	<=33.01	Pass
			4	23.76	-1.00	22.76	<=33.01	Pass
			7	23.76	-1.00	22.76	<=33.01	Pass
		15	0	23.77	-1.00	22.77	<=33.01	Pass
	1880	1	0	24.45	-1.00	23.45	<=33.01	Pass
			7	24.51	-1.00	23.51	<=33.01	Pass
			14	24.49	-1.00	23.49	<=33.01	Pass
		8	0	24.01	-1.00	23.01	<=33.01	Pass
			4	23.97	-1.00	22.97	<=33.01	Pass
			7	23.97	-1.00	22.97	<=33.01	Pass
		15	0	23.98	-1.00	22.98	<=33.01	Pass
	1908.5	1	0	24.40	-1.00	23.40	<=33.01	Pass
			7	24.37	-1.00	23.37	<=33.01	Pass
			14	24.42	-1.00	23.42	<=33.01	Pass
		8	0	23.99	-1.00	22.99	<=33.01	Pass
			4	24.01	-1.00	23.01	<=33.01	Pass
			7	23.99	-1.00	22.99	<=33.01	Pass
		15	0	24.00	-1.00	23.00	<=33.01	Pass
16QAM	1851.5	1	0	23.81	-1.00	22.81	<=33.01	Pass
			7	23.79	-1.00	22.79	<=33.01	Pass
			14	23.81	-1.00	22.81	<=33.01	Pass
		8	0	22.88	-1.00	21.88	<=33.01	Pass
			4	22.89	-1.00	21.89	<=33.01	Pass
			7	22.91	-1.00	21.91	<=33.01	Pass
		15	0	22.82	-1.00	21.82	<=33.01	Pass
	1880	1	0	23.60	-1.00	22.60	<=33.01	Pass
			7	23.59	-1.00	22.59	<=33.01	Pass
			14	23.58	-1.00	22.58	<=33.01	Pass
		8	0	23.08	-1.00	22.08	<=33.01	Pass
			4	23.05	-1.00	22.05	<=33.01	Pass
			7	23.03	-1.00	22.03	<=33.01	Pass
		15	0	23.03	-1.00	22.03	<=33.01	Pass
	1908.5	1	0	23.65	-1.00	22.65	<=33.01	Pass
			7	23.62	-1.00	22.62	<=33.01	Pass
			14	23.63	-1.00	22.63	<=33.01	Pass
		8	0	22.95	-1.00	21.95	<=33.01	Pass
			4	22.96	-1.00	21.96	<=33.01	Pass
			7	22.95	-1.00	21.95	<=33.01	Pass
		15	0	22.90	-1.00	21.90	<=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	24.34	-1.00	23.34	<=33.01	Pass
			13	24.35	-1.00	23.35	<=33.01	Pass
			24	24.37	-1.00	23.37	<=33.01	Pass
		12	0	23.79	-1.00	22.79	<=33.01	Pass
			6	23.76	-1.00	22.76	<=33.01	Pass
			13	23.79	-1.00	22.79	<=33.01	Pass
		25	0	23.74	-1.00	22.74	<=33.01	Pass
	1880	1	0	24.48	-1.00	23.48	<=33.01	Pass
			13	24.41	-1.00	23.41	<=33.01	Pass

16QAM	1907.5	12	24	24.45	-1.00	23.45	<=33.01	Pass
			0	23.91	-1.00	22.91	<=33.01	Pass
			6	23.87	-1.00	22.87	<=33.01	Pass
			13	23.86	-1.00	22.86	<=33.01	Pass
		25	0	23.91	-1.00	22.91	<=33.01	Pass
	1907.5	1	0	24.63	-1.00	23.63	<=33.01	Pass
			13	24.62	-1.00	23.62	<=33.01	Pass
			24	24.64	-1.00	23.64	<=33.01	Pass
		12	0	23.97	-1.00	22.97	<=33.01	Pass
			6	23.94	-1.00	22.94	<=33.01	Pass
			13	23.92	-1.00	22.92	<=33.01	Pass
		25	0	23.96	-1.00	22.96	<=33.01	Pass
	1852.5	1	0	23.31	-1.00	22.31	<=33.01	Pass
			13	23.35	-1.00	22.35	<=33.01	Pass
			24	23.37	-1.00	22.37	<=33.01	Pass
		12	0	22.68	-1.00	21.68	<=33.01	Pass
			6	22.69	-1.00	21.69	<=33.01	Pass
			13	22.73	-1.00	21.73	<=33.01	Pass
		25	0	22.72	-1.00	21.72	<=33.01	Pass
	1880	1	0	23.68	-1.00	22.68	<=33.01	Pass
			13	23.70	-1.00	22.70	<=33.01	Pass
			24	23.73	-1.00	22.73	<=33.01	Pass
		12	0	23.02	-1.00	22.02	<=33.01	Pass
			6	22.98	-1.00	21.98	<=33.01	Pass
			13	22.98	-1.00	21.98	<=33.01	Pass
		25	0	22.99	-1.00	21.99	<=33.01	Pass
	1907.5	1	0	23.31	-1.00	22.31	<=33.01	Pass
			13	23.34	-1.00	22.34	<=33.01	Pass
			24	23.36	-1.00	22.36	<=33.01	Pass
		12	0	22.97	-1.00	21.97	<=33.01	Pass
			6	22.95	-1.00	21.95	<=33.01	Pass
			13	22.92	-1.00	21.92	<=33.01	Pass
		25	0	22.99	-1.00	21.99	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.24	-1.00	23.24	<=33.01	Pass
			25	24.33	-1.00	23.33	<=33.01	Pass
			49	24.35	-1.00	23.35	<=33.01	Pass
		25	0	23.73	-1.00	22.73	<=33.01	Pass
			13	23.82	-1.00	22.82	<=33.01	Pass
			25	23.90	-1.00	22.90	<=33.01	Pass
		50	0	23.85	-1.00	22.85	<=33.01	Pass
	1880	1	0	24.44	-1.00	23.44	<=33.01	Pass
			25	24.51	-1.00	23.51	<=33.01	Pass
			49	24.47	-1.00	23.47	<=33.01	Pass
		25	0	24.03	-1.00	23.03	<=33.01	Pass
			13	24.02	-1.00	23.02	<=33.01	Pass
			25	24.00	-1.00	23.00	<=33.01	Pass
		50	0	24.05	-1.00	23.05	<=33.01	Pass
	1905	1	0	24.42	-1.00	23.42	<=33.01	Pass
			25	24.49	-1.00	23.49	<=33.01	Pass
			49	24.49	-1.00	23.49	<=33.01	Pass
		25	0	24.11	-1.00	23.11	<=33.01	Pass

16QAM	1855	50	13	23.96	-1.00	22.96	<=33.01	Pass
			25	23.96	-1.00	22.96	<=33.01	Pass
			0	23.99	-1.00	22.99	<=33.01	Pass
		1	0	23.24	-1.00	22.24	<=33.01	Pass
			25	23.33	-1.00	22.33	<=33.01	Pass
			49	23.32	-1.00	22.32	<=33.01	Pass
		25	0	22.79	-1.00	21.79	<=33.01	Pass
			13	22.86	-1.00	21.86	<=33.01	Pass
			25	22.96	-1.00	21.96	<=33.01	Pass
		50	0	22.86	-1.00	21.86	<=33.01	Pass
	1880	1	0	23.63	-1.00	22.63	<=33.01	Pass
			25	23.66	-1.00	22.66	<=33.01	Pass
			49	23.62	-1.00	22.62	<=33.01	Pass
		25	0	23.06	-1.00	22.06	<=33.01	Pass
			13	23.04	-1.00	22.04	<=33.01	Pass
			25	23.01	-1.00	22.01	<=33.01	Pass
		50	0	23.01	-1.00	22.01	<=33.01	Pass
	1905	1	0	23.91	-1.00	22.91	<=33.01	Pass
			25	23.98	-1.00	22.98	<=33.01	Pass
			49	23.94	-1.00	22.94	<=33.01	Pass
		25	0	23.12	-1.00	22.12	<=33.01	Pass
			13	22.97	-1.00	21.97	<=33.01	Pass
			25	22.97	-1.00	21.97	<=33.01	Pass
		50	0	22.99	-1.00	21.99	<=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	24.08	-1.00	23.08	<=33.01	Pass
			38	24.23	-1.00	23.23	<=33.01	Pass
			74	24.29	-1.00	23.29	<=33.01	Pass
		36	0	23.66	-1.00	22.66	<=33.01	Pass
			18	23.76	-1.00	22.76	<=33.01	Pass
			39	23.85	-1.00	22.85	<=33.01	Pass
		75	0	23.78	-1.00	22.78	<=33.01	Pass
	1880	1	0	24.36	-1.00	23.36	<=33.01	Pass
			38	24.49	-1.00	23.49	<=33.01	Pass
			74	24.41	-1.00	23.41	<=33.01	Pass
		36	0	23.99	-1.00	22.99	<=33.01	Pass
			18	23.94	-1.00	22.94	<=33.01	Pass
			39	23.99	-1.00	22.99	<=33.01	Pass
		75	0	23.98	-1.00	22.98	<=33.01	Pass
	1902.5	1	0	24.37	-1.00	23.37	<=33.01	Pass
			38	24.41	-1.00	23.41	<=33.01	Pass
			74	24.43	-1.00	23.43	<=33.01	Pass
		36	0	23.95	-1.00	22.95	<=33.01	Pass
			18	23.92	-1.00	22.92	<=33.01	Pass
			39	23.89	-1.00	22.89	<=33.01	Pass
		75	0	23.95	-1.00	22.95	<=33.01	Pass
16QAM	1857.5	1	0	23.51	-1.00	22.51	<=33.01	Pass
			38	23.69	-1.00	22.69	<=33.01	Pass
			74	23.72	-1.00	22.72	<=33.01	Pass
		36	0	22.66	-1.00	21.66	<=33.01	Pass
			18	22.76	-1.00	21.76	<=33.01	Pass
			39	22.80	-1.00	21.80	<=33.01	Pass

	1880	75	0	22.76	-1.00	21.76	<=33.01	Pass
		1	0	23.58	-1.00	22.58	<=33.01	Pass
			38	23.67	-1.00	22.67	<=33.01	Pass
			74	23.59	-1.00	22.59	<=33.01	Pass
		36	0	23.01	-1.00	22.01	<=33.01	Pass
			18	23.00	-1.00	22.00	<=33.01	Pass
			39	22.97	-1.00	21.97	<=33.01	Pass
		75	0	22.99	-1.00	21.99	<=33.01	Pass
	1902.5	1	0	23.92	-1.00	22.92	<=33.01	Pass
			38	23.95	-1.00	22.95	<=33.01	Pass
			74	23.90	-1.00	22.90	<=33.01	Pass
		36	0	22.97	-1.00	21.97	<=33.01	Pass
			18	22.99	-1.00	21.99	<=33.01	Pass
			39	22.91	-1.00	21.91	<=33.01	Pass
		75	0	22.92	-1.00	21.92	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.13	-1.00	23.13	<=33.01	Pass
			50	24.29	-1.00	23.29	<=33.01	Pass
			99	24.35	-1.00	23.35	<=33.01	Pass
		50	0	23.60	-1.00	22.60	<=33.01	Pass
			25	23.80	-1.00	22.80	<=33.01	Pass
			50	23.87	-1.00	22.87	<=33.01	Pass
		100	0	23.75	-1.00	22.75	<=33.01	Pass
	1880	1	0	24.37	-1.00	23.37	<=33.01	Pass
			50	24.50	-1.00	23.50	<=33.01	Pass
			99	24.41	-1.00	23.41	<=33.01	Pass
		50	0	24.03	-1.00	23.03	<=33.01	Pass
			25	23.99	-1.00	22.99	<=33.01	Pass
			50	24.05	-1.00	23.05	<=33.01	Pass
		100	0	24.01	-1.00	23.01	<=33.01	Pass
	1900	1	0	24.34	-1.00	23.34	<=33.01	Pass
			50	24.42	-1.00	23.42	<=33.01	Pass
			99	24.36	-1.00	23.36	<=33.01	Pass
		50	0	23.91	-1.00	22.91	<=33.01	Pass
			25	23.94	-1.00	22.94	<=33.01	Pass
			50	23.81	-1.00	22.81	<=33.01	Pass
		100	0	23.90	-1.00	22.90	<=33.01	Pass
16QAM	1860	1	0	23.66	-1.00	22.66	<=33.01	Pass
			50	23.84	-1.00	22.84	<=33.01	Pass
			99	23.97	-1.00	22.97	<=33.01	Pass
		50	0	22.55	-1.00	21.55	<=33.01	Pass
			25	22.76	-1.00	21.76	<=33.01	Pass
			50	22.86	-1.00	21.86	<=33.01	Pass
		100	0	22.72	-1.00	21.72	<=33.01	Pass
	1880	1	0	23.59	-1.00	22.59	<=33.01	Pass
			50	23.72	-1.00	22.72	<=33.01	Pass
			99	23.64	-1.00	22.64	<=33.01	Pass
		50	0	23.01	-1.00	22.01	<=33.01	Pass
			25	22.98	-1.00	21.98	<=33.01	Pass
			50	23.02	-1.00	22.02	<=33.01	Pass
		100	0	23.02	-1.00	22.02	<=33.01	Pass
	1900	1	0	23.61	-1.00	22.61	<=33.01	Pass

			50	23.72	-1.00	22.72	<=33.01	Pass
			99	23.65	-1.00	22.65	<=33.01	Pass
			0	22.90	-1.00	21.90	<=33.01	Pass
		50	25	22.91	-1.00	21.91	<=33.01	Pass
			50	22.78	-1.00	21.78	<=33.01	Pass
		100	0	22.87	-1.00	21.87	<=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	3.29	-1.073	-0.0006	-2.5 to 2.5	Pass
					3.87	6.051	0.0033	-2.5 to 2.5	Pass
					4.45	38.996	0.0211	-2.5 to 2.5	Pass
				-30	3.87	-3.419	-0.0018	-2.5 to 2.5	Pass
				-20	3.87	-8.597	-0.0046	-2.5 to 2.5	Pass
				-10	3.87	7.081	0.0038	-2.5 to 2.5	Pass
				0	3.87	-12.617	-0.0068	-2.5 to 2.5	Pass
				10	3.87	8.740	0.0047	-2.5 to 2.5	Pass
				30	3.87	-8.111	-0.0044	-2.5 to 2.5	Pass
				40	3.87	-13.647	-0.0074	-2.5 to 2.5	Pass
				50	3.87	3.991	0.0022	-2.5 to 2.5	Pass
	1880	6	0	20	3.29	3.419	0.0018	-2.5 to 2.5	Pass
					3.87	9.527	0.0051	-2.5 to 2.5	Pass
					4.45	0.515	0.0003	-2.5 to 2.5	Pass
				-30	3.87	-22.044	-0.0117	-2.5 to 2.5	Pass
				-20	3.87	-9.956	-0.0053	-2.5 to 2.5	Pass
				-10	3.87	22.359	0.0119	-2.5 to 2.5	Pass
				0	3.87	-0.930	-0.0005	-2.5 to 2.5	Pass
				10	3.87	17.052	0.0091	-2.5 to 2.5	Pass
				30	3.87	5.078	0.0027	-2.5 to 2.5	Pass
				40	3.87	-12.946	-0.0069	-2.5 to 2.5	Pass
				50	3.87	-5.808	-0.0031	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.29	13.061	0.0068	-2.5 to 2.5	Pass
					3.87	8.583	0.0045	-2.5 to 2.5	Pass
					4.45	-6.094	-0.0032	-2.5 to 2.5	Pass
				-30	3.87	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.87	-0.958	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	1.359	0.0007	-2.5 to 2.5	Pass
				0	3.87	11.730	0.0061	-2.5 to 2.5	Pass
				10	3.87	-2.804	-0.0015	-2.5 to 2.5	Pass
				30	3.87	-3.476	-0.0018	-2.5 to 2.5	Pass
				40	3.87	2.046	0.0011	-2.5 to 2.5	Pass
				50	3.87	14.062	0.0074	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.29	-8.368	-0.0045	-2.5 to 2.5	Pass
					3.87	-5.994	-0.0032	-2.5 to 2.5	Pass
					4.45	-2.990	-0.0016	-2.5 to 2.5	Pass
				-30	3.87	-0.973	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	6.623	0.0036	-2.5 to 2.5	Pass
				-10	3.87	-7.911	-0.0043	-2.5 to 2.5	Pass

				0	3.87	12.732	0.0069	-2.5 to 2.5	Pass
				10	3.87	3.219	0.0017	-2.5 to 2.5	Pass
				30	3.87	-16.751	-0.0091	-2.5 to 2.5	Pass
				40	3.87	9.713	0.0052	-2.5 to 2.5	Pass
				50	3.87	2.446	0.0013	-2.5 to 2.5	Pass
	1880	6	0	20	3.29	12.503	0.0067	-2.5 to 2.5	Pass
					3.87	-6.323	-0.0034	-2.5 to 2.5	Pass
					4.45	5.851	0.0031	-2.5 to 2.5	Pass
				-30	3.87	-5.565	-0.0030	-2.5 to 2.5	Pass
				-20	3.87	15.535	0.0083	-2.5 to 2.5	Pass
				-10	3.87	5.236	0.0028	-2.5 to 2.5	Pass
				0	3.87	13.547	0.0072	-2.5 to 2.5	Pass
				10	3.87	9.055	0.0048	-2.5 to 2.5	Pass
				30	3.87	0.744	0.0004	-2.5 to 2.5	Pass
				40	3.87	10.986	0.0058	-2.5 to 2.5	Pass
				50	3.87	11.415	0.0061	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.29	-2.818	-0.0015	-2.5 to 2.5	Pass
					3.87	13.862	0.0073	-2.5 to 2.5	Pass
					4.45	-18.525	-0.0097	-2.5 to 2.5	Pass
				-30	3.87	9.542	0.0050	-2.5 to 2.5	Pass
				-20	3.87	4.992	0.0026	-2.5 to 2.5	Pass
				-10	3.87	11.244	0.0059	-2.5 to 2.5	Pass
				0	3.87	4.663	0.0024	-2.5 to 2.5	Pass
				10	3.87	7.796	0.0041	-2.5 to 2.5	Pass
				30	3.87	-18.353	-0.0096	-2.5 to 2.5	Pass
				40	3.87	-16.994	-0.0089	-2.5 to 2.5	Pass
				50	3.87	-18.311	-0.0096	-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	3.29	15.693	0.0085	-2.5 to 2.5	Pass
					3.87	-8.969	-0.0048	-2.5 to 2.5	Pass
					4.45	-6.437	-0.0035	-2.5 to 2.5	Pass
				-30	3.87	11.916	0.0064	-2.5 to 2.5	Pass
				-20	3.87	5.021	0.0027	-2.5 to 2.5	Pass
				-10	3.87	12.159	0.0066	-2.5 to 2.5	Pass
				0	3.87	-11.044	-0.0060	-2.5 to 2.5	Pass
				10	3.87	14.405	0.0078	-2.5 to 2.5	Pass
				30	3.87	12.202	0.0066	-2.5 to 2.5	Pass
				40	3.87	10.872	0.0059	-2.5 to 2.5	Pass
				50	3.87	-13.490	-0.0073	-2.5 to 2.5	Pass
	1880	15	0	20	3.29	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.87	9.084	0.0048	-2.5 to 2.5	Pass
					4.45	6.208	0.0033	-2.5 to 2.5	Pass
				-30	3.87	11.215	0.0060	-2.5 to 2.5	Pass
				-20	3.87	9.012	0.0048	-2.5 to 2.5	Pass
				-10	3.87	12.732	0.0068	-2.5 to 2.5	Pass
				0	3.87	7.410	0.0039	-2.5 to 2.5	Pass
				10	3.87	-3.347	-0.0018	-2.5 to 2.5	Pass
				30	3.87	8.154	0.0043	-2.5 to 2.5	Pass
				40	3.87	12.760	0.0068	-2.5 to 2.5	Pass
				50	3.87	18.282	0.0097	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.29	1.473	0.0008	-2.5 to 2.5	Pass
					3.87	8.211	0.0043	-2.5 to 2.5	Pass
					4.45	-8.841	-0.0046	-2.5 to 2.5	Pass

				-30	3.87	5.922	0.0031	-2.5 to 2.5	Pass
				-20	3.87	-10.514	-0.0055	-2.5 to 2.5	Pass
				-10	3.87	-7.124	-0.0037	-2.5 to 2.5	Pass
				0	3.87	8.755	0.0046	-2.5 to 2.5	Pass
				10	3.87	7.839	0.0041	-2.5 to 2.5	Pass
				30	3.87	2.260	0.0012	-2.5 to 2.5	Pass
				40	3.87	7.396	0.0039	-2.5 to 2.5	Pass
				50	3.87	-3.347	-0.0018	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.29	3.018	0.0016	-2.5 to 2.5	Pass
					3.87	16.894	0.0091	-2.5 to 2.5	Pass
					4.45	5.622	0.0030	-2.5 to 2.5	Pass
				-30	3.87	16.952	0.0092	-2.5 to 2.5	Pass
				-20	3.87	8.397	0.0045	-2.5 to 2.5	Pass
				-10	3.87	16.623	0.0090	-2.5 to 2.5	Pass
				0	3.87	5.121	0.0028	-2.5 to 2.5	Pass
				10	3.87	16.222	0.0088	-2.5 to 2.5	Pass
				30	3.87	17.166	0.0093	-2.5 to 2.5	Pass
				40	3.87	-2.661	-0.0014	-2.5 to 2.5	Pass
				50	3.87	4.020	0.0022	-2.5 to 2.5	Pass
	1880	15	0	20	3.29	-4.148	-0.0022	-2.5 to 2.5	Pass
					3.87	3.490	0.0019	-2.5 to 2.5	Pass
					4.45	2.646	0.0014	-2.5 to 2.5	Pass
				-30	3.87	-7.339	-0.0039	-2.5 to 2.5	Pass
				-20	3.87	7.024	0.0037	-2.5 to 2.5	Pass
				-10	3.87	9.298	0.0049	-2.5 to 2.5	Pass
				0	3.87	-9.098	-0.0048	-2.5 to 2.5	Pass
				10	3.87	5.951	0.0032	-2.5 to 2.5	Pass
				30	3.87	-8.297	-0.0044	-2.5 to 2.5	Pass
				40	3.87	6.595	0.0035	-2.5 to 2.5	Pass
				50	3.87	11.601	0.0062	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.29	13.862	0.0073	-2.5 to 2.5	Pass
					3.87	4.892	0.0026	-2.5 to 2.5	Pass
					4.45	16.723	0.0088	-2.5 to 2.5	Pass
				-30	3.87	9.785	0.0051	-2.5 to 2.5	Pass
				-20	3.87	-3.448	-0.0018	-2.5 to 2.5	Pass
				-10	3.87	-5.121	-0.0027	-2.5 to 2.5	Pass
				0	3.87	6.323	0.0033	-2.5 to 2.5	Pass
				10	3.87	4.692	0.0025	-2.5 to 2.5	Pass
				30	3.87	10.114	0.0053	-2.5 to 2.5	Pass
				40	3.87	26.836	0.0141	-2.5 to 2.5	Pass
				50	3.87	0.873	0.0005	-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	3.29	3.047	0.0016	-2.5 to 2.5	Pass
					3.87	6.094	0.0033	-2.5 to 2.5	Pass
					4.45	3.362	0.0018	-2.5 to 2.5	Pass
				-30	3.87	-1.674	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	3.104	0.0017	-2.5 to 2.5	Pass
				-10	3.87	-3.462	-0.0019	-2.5 to 2.5	Pass
				0	3.87	-10.300	-0.0056	-2.5 to 2.5	Pass
				10	3.87	6.909	0.0037	-2.5 to 2.5	Pass
				30	3.87	2.847	0.0015	-2.5 to 2.5	Pass
				40	3.87	-5.536	-0.0030	-2.5 to 2.5	Pass
				50	3.87	9.098	0.0049	-2.5 to 2.5	Pass

	1880	25	0	20	3.29	4.134	0.0022	-2.5 to 2.5	Pass
					3.87	-1.717	-0.0009	-2.5 to 2.5	Pass
					4.45	7.381	0.0039	-2.5 to 2.5	Pass
				-30	3.87	-3.762	-0.0020	-2.5 to 2.5	Pass
				-20	3.87	7.725	0.0041	-2.5 to 2.5	Pass
				-10	3.87	-0.343	-0.0002	-2.5 to 2.5	Pass
				0	3.87	4.921	0.0026	-2.5 to 2.5	Pass
				10	3.87	3.090	0.0016	-2.5 to 2.5	Pass
				30	3.87	3.605	0.0019	-2.5 to 2.5	Pass
				40	3.87	-2.918	-0.0016	-2.5 to 2.5	Pass
				50	3.87	-5.279	-0.0028	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.29	3.805	0.0020	-2.5 to 2.5	Pass
					3.87	-2.561	-0.0013	-2.5 to 2.5	Pass
					4.45	-4.864	-0.0025	-2.5 to 2.5	Pass
				-30	3.87	-0.858	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	4.606	0.0024	-2.5 to 2.5	Pass
				-10	3.87	-0.701	-0.0004	-2.5 to 2.5	Pass
				0	3.87	14.791	0.0078	-2.5 to 2.5	Pass
				10	3.87	-1.144	-0.0006	-2.5 to 2.5	Pass
				30	3.87	-1.202	-0.0006	-2.5 to 2.5	Pass
				40	3.87	7.524	0.0039	-2.5 to 2.5	Pass
				50	3.87	1.001	0.0005	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.29	-3.433	-0.0019	-2.5 to 2.5	Pass
					3.87	4.663	0.0025	-2.5 to 2.5	Pass
					4.45	9.713	0.0052	-2.5 to 2.5	Pass
				-30	3.87	11.029	0.0060	-2.5 to 2.5	Pass
				-20	3.87	11.301	0.0061	-2.5 to 2.5	Pass
				-10	3.87	0.529	0.0003	-2.5 to 2.5	Pass
				0	3.87	14.677	0.0079	-2.5 to 2.5	Pass
				10	3.87	-6.423	-0.0035	-2.5 to 2.5	Pass
				30	3.87	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.87	5.751	0.0031	-2.5 to 2.5	Pass
				50	3.87	4.148	0.0022	-2.5 to 2.5	Pass
	1880	25	0	20	3.29	-4.077	-0.0022	-2.5 to 2.5	Pass
					3.87	10.471	0.0056	-2.5 to 2.5	Pass
					4.45	-2.389	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	5.693	0.0030	-2.5 to 2.5	Pass
				-20	3.87	0.587	0.0003	-2.5 to 2.5	Pass
				-10	3.87	6.709	0.0036	-2.5 to 2.5	Pass
				0	3.87	-9.499	-0.0051	-2.5 to 2.5	Pass
				10	3.87	-5.364	-0.0029	-2.5 to 2.5	Pass
				30	3.87	-0.715	-0.0004	-2.5 to 2.5	Pass
				40	3.87	-2.646	-0.0014	-2.5 to 2.5	Pass
				50	3.87	2.890	0.0015	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.29	2.046	0.0011	-2.5 to 2.5	Pass
					3.87	8.240	0.0043	-2.5 to 2.5	Pass
					4.45	3.433	0.0018	-2.5 to 2.5	Pass
				-30	3.87	-8.383	-0.0044	-2.5 to 2.5	Pass
				-20	3.87	-6.208	-0.0033	-2.5 to 2.5	Pass
				-10	3.87	-1.702	-0.0009	-2.5 to 2.5	Pass
				0	3.87	11.144	0.0058	-2.5 to 2.5	Pass
				10	3.87	-1.287	-0.0007	-2.5 to 2.5	Pass
				30	3.87	2.675	0.0014	-2.5 to 2.5	Pass
				40	3.87	7.310	0.0038	-2.5 to 2.5	Pass
				50	3.87	15.135	0.0079	-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	3.29	5.865	0.0032	-2.5 to 2.5	Pass
					3.87	2.947	0.0016	-2.5 to 2.5	Pass
					4.45	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	3.87	3.748	0.0020	-2.5 to 2.5	Pass
				-20	3.87	-1.888	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	5.465	0.0029	-2.5 to 2.5	Pass
				0	3.87	4.077	0.0022	-2.5 to 2.5	Pass
				10	3.87	4.320	0.0023	-2.5 to 2.5	Pass
				30	3.87	4.292	0.0023	-2.5 to 2.5	Pass
				40	3.87	4.277	0.0023	-2.5 to 2.5	Pass
				50	3.87	7.868	0.0042	-2.5 to 2.5	Pass
	1880	50	0	20	3.29	7.081	0.0038	-2.5 to 2.5	Pass
					3.87	5.035	0.0027	-2.5 to 2.5	Pass
					4.45	3.147	0.0017	-2.5 to 2.5	Pass
				-30	3.87	4.277	0.0023	-2.5 to 2.5	Pass
				-20	3.87	8.883	0.0047	-2.5 to 2.5	Pass
				-10	3.87	6.351	0.0034	-2.5 to 2.5	Pass
				0	3.87	5.765	0.0031	-2.5 to 2.5	Pass
				10	3.87	5.221	0.0028	-2.5 to 2.5	Pass
				30	3.87	5.879	0.0031	-2.5 to 2.5	Pass
				40	3.87	-1.459	-0.0008	-2.5 to 2.5	Pass
				50	3.87	0.687	0.0004	-2.5 to 2.5	Pass
	1905	50	0	20	3.29	-1.888	-0.0010	-2.5 to 2.5	Pass
					3.87	1.473	0.0008	-2.5 to 2.5	Pass
					4.45	12.445	0.0065	-2.5 to 2.5	Pass
				-30	3.87	7.138	0.0037	-2.5 to 2.5	Pass
				-20	3.87	1.788	0.0009	-2.5 to 2.5	Pass
				-10	3.87	8.197	0.0043	-2.5 to 2.5	Pass
				0	3.87	8.883	0.0047	-2.5 to 2.5	Pass
				10	3.87	6.609	0.0035	-2.5 to 2.5	Pass
				30	3.87	7.482	0.0039	-2.5 to 2.5	Pass
				40	3.87	9.642	0.0051	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.29	7.038	0.0038	-2.5 to 2.5	Pass
					3.87	1.688	0.0009	-2.5 to 2.5	Pass
					4.45	12.503	0.0067	-2.5 to 2.5	Pass
				-30	3.87	-1.259	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	4.864	0.0026	-2.5 to 2.5	Pass
				-10	3.87	13.018	0.0070	-2.5 to 2.5	Pass
				0	3.87	-3.247	-0.0018	-2.5 to 2.5	Pass
				10	3.87	6.223	0.0034	-2.5 to 2.5	Pass
				30	3.87	2.332	0.0013	-2.5 to 2.5	Pass
				40	3.87	-2.646	-0.0014	-2.5 to 2.5	Pass
				50	3.87	3.047	0.0016	-2.5 to 2.5	Pass
	1880	50	0	20	3.29	8.826	0.0047	-2.5 to 2.5	Pass
					3.87	6.738	0.0036	-2.5 to 2.5	Pass
					4.45	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.87	1.731	0.0009	-2.5 to 2.5	Pass
				-20	3.87	-6.108	-0.0032	-2.5 to 2.5	Pass
				-10	3.87	-9.656	-0.0051	-2.5 to 2.5	Pass
				0	3.87	3.433	0.0018	-2.5 to 2.5	Pass
				10	3.87	-1.502	-0.0008	-2.5 to 2.5	Pass
				30	3.87	5.422	0.0029	-2.5 to 2.5	Pass
				40	3.87	5.593	0.0030	-2.5 to 2.5	Pass
				50	3.87	1.416	0.0008	-2.5 to 2.5	Pass

	1905	50	0	20	3.29	8.283	0.0043	-2.5 to 2.5	Pass
					3.87	2.275	0.0012	-2.5 to 2.5	Pass
					4.45	-3.276	-0.0017	-2.5 to 2.5	Pass
				-30	3.87	5.064	0.0027	-2.5 to 2.5	Pass
				-20	3.87	7.482	0.0039	-2.5 to 2.5	Pass
				-10	3.87	3.648	0.0019	-2.5 to 2.5	Pass
				0	3.87	-5.693	-0.0030	-2.5 to 2.5	Pass
				10	3.87	0.916	0.0005	-2.5 to 2.5	Pass
				30	3.87	2.460	0.0013	-2.5 to 2.5	Pass
				40	3.87	6.952	0.0036	-2.5 to 2.5	Pass
				50	3.87	-0.415	-0.0002	-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	3.29	-2.360	-0.0013	-2.5 to 2.5	Pass
					3.87	-4.292	-0.0023	-2.5 to 2.5	Pass
					4.45	3.791	0.0020	-2.5 to 2.5	Pass
				-30	3.87	-2.632	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-0.386	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	6.380	0.0034	-2.5 to 2.5	Pass
				0	3.87	2.875	0.0015	-2.5 to 2.5	Pass
				10	3.87	0.801	0.0004	-2.5 to 2.5	Pass
				30	3.87	-0.343	-0.0002	-2.5 to 2.5	Pass
				40	3.87	-2.818	-0.0015	-2.5 to 2.5	Pass
				50	3.87	-2.432	-0.0013	-2.5 to 2.5	Pass
	1880	75	0	20	3.29	-5.350	-0.0028	-2.5 to 2.5	Pass
					3.87	2.346	0.0012	-2.5 to 2.5	Pass
					4.45	-0.672	-0.0004	-2.5 to 2.5	Pass
				-30	3.87	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	-1.016	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	4.034	0.0021	-2.5 to 2.5	Pass
				0	3.87	4.377	0.0023	-2.5 to 2.5	Pass
				10	3.87	8.597	0.0046	-2.5 to 2.5	Pass
				30	3.87	-1.144	-0.0006	-2.5 to 2.5	Pass
				40	3.87	0.501	0.0003	-2.5 to 2.5	Pass
				50	3.87	-0.916	-0.0005	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.29	0.873	0.0005	-2.5 to 2.5	Pass
					3.87	3.161	0.0017	-2.5 to 2.5	Pass
					4.45	1.631	0.0009	-2.5 to 2.5	Pass
				-30	3.87	10.571	0.0056	-2.5 to 2.5	Pass
				-20	3.87	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	2.446	0.0013	-2.5 to 2.5	Pass
				0	3.87	-2.146	-0.0011	-2.5 to 2.5	Pass
				10	3.87	4.678	0.0025	-2.5 to 2.5	Pass
				30	3.87	-0.658	-0.0003	-2.5 to 2.5	Pass
				40	3.87	5.064	0.0027	-2.5 to 2.5	Pass
				50	3.87	-0.172	-0.0001	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.29	3.490	0.0019	-2.5 to 2.5	Pass
					3.87	0.300	0.0002	-2.5 to 2.5	Pass
					4.45	1.702	0.0009	-2.5 to 2.5	Pass
				-30	3.87	-0.458	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	5.722	0.0031	-2.5 to 2.5	Pass
				-10	3.87	3.891	0.0021	-2.5 to 2.5	Pass
	1857.5	75	0	0	3.87	5.064	0.0027	-2.5 to 2.5	Pass
				10	3.87	-0.315	-0.0002	-2.5 to 2.5	Pass

	1880	75	0	30	3.87	1.073	0.0006	-2.5 to 2.5	Pass
				40	3.87	10.514	0.0057	-2.5 to 2.5	Pass
				50	3.87	-0.257	-0.0001	-2.5 to 2.5	Pass
				20	3.29	-8.397	-0.0045	-2.5 to 2.5	Pass
					3.87	2.875	0.0015	-2.5 to 2.5	Pass
					4.45	3.920	0.0021	-2.5 to 2.5	Pass
				-30	3.87	3.619	0.0019	-2.5 to 2.5	Pass
				-20	3.87	2.933	0.0016	-2.5 to 2.5	Pass
				-10	3.87	3.147	0.0017	-2.5 to 2.5	Pass
				0	3.87	4.277	0.0023	-2.5 to 2.5	Pass
				10	3.87	1.702	0.0009	-2.5 to 2.5	Pass
				30	3.87	4.435	0.0024	-2.5 to 2.5	Pass
				40	3.87	3.333	0.0018	-2.5 to 2.5	Pass
				50	3.87	6.037	0.0032	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.29	4.363	0.0023	-2.5 to 2.5	Pass
					3.87	4.849	0.0025	-2.5 to 2.5	Pass
					4.45	4.177	0.0022	-2.5 to 2.5	Pass
				-30	3.87	0.658	0.0003	-2.5 to 2.5	Pass
				-20	3.87	1.459	0.0008	-2.5 to 2.5	Pass
				-10	3.87	4.706	0.0025	-2.5 to 2.5	Pass
				0	3.87	2.761	0.0015	-2.5 to 2.5	Pass
				10	3.87	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.87	2.174	0.0011	-2.5 to 2.5	Pass
				40	3.87	0.887	0.0005	-2.5 to 2.5	Pass
				50	3.87	0.072	0.0000	-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	3.29	5.636	0.0030	-2.5 to 2.5	Pass
					3.87	4.692	0.0025	-2.5 to 2.5	Pass
					4.45	1.316	0.0007	-2.5 to 2.5	Pass
				-30	3.87	2.189	0.0012	-2.5 to 2.5	Pass
				-20	3.87	-1.931	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-2.632	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-2.317	-0.0012	-2.5 to 2.5	Pass
				10	3.87	-6.394	-0.0034	-2.5 to 2.5	Pass
				30	3.87	2.475	0.0013	-2.5 to 2.5	Pass
				40	3.87	-5.007	-0.0027	-2.5 to 2.5	Pass
				50	3.87	-4.249	-0.0023	-2.5 to 2.5	Pass
	1880	100	0	20	3.29	2.446	0.0013	-2.5 to 2.5	Pass
					3.87	2.689	0.0014	-2.5 to 2.5	Pass
					4.45	-0.443	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	0.873	0.0005	-2.5 to 2.5	Pass
				-20	3.87	4.163	0.0022	-2.5 to 2.5	Pass
				-10	3.87	-1.602	-0.0009	-2.5 to 2.5	Pass
				0	3.87	-1.688	-0.0009	-2.5 to 2.5	Pass
				10	3.87	6.309	0.0034	-2.5 to 2.5	Pass
				30	3.87	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.87	6.394	0.0034	-2.5 to 2.5	Pass
				50	3.87	4.463	0.0024	-2.5 to 2.5	Pass
	1900	100	0	20	3.29	3.605	0.0019	-2.5 to 2.5	Pass
					3.87	1.431	0.0008	-2.5 to 2.5	Pass
					4.45	2.689	0.0014	-2.5 to 2.5	Pass
				-30	3.87	-0.215	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	1.001	0.0005	-2.5 to 2.5	Pass

16QAM	1860	100	0	-10	3.87	2.661	0.0014	-2.5 to 2.5	Pass
				0	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.87	6.022	0.0032	-2.5 to 2.5	Pass
				30	3.87	0.443	0.0002	-2.5 to 2.5	Pass
				40	3.87	6.537	0.0034	-2.5 to 2.5	Pass
	1880	100	0	50	3.87	5.264	0.0028	-2.5 to 2.5	Pass
				20	3.29	-1.359	-0.0007	-2.5 to 2.5	Pass
					3.87	-1.802	-0.0010	-2.5 to 2.5	Pass
					4.45	-4.077	-0.0022	-2.5 to 2.5	Pass
				-30	3.87	0.129	0.0001	-2.5 to 2.5	Pass
				-20	3.87	-1.531	-0.0008	-2.5 to 2.5	Pass
				-10	3.87	-0.257	-0.0001	-2.5 to 2.5	Pass
				0	3.87	-1.588	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-0.343	-0.0002	-2.5 to 2.5	Pass
				30	3.87	1.874	0.0010	-2.5 to 2.5	Pass
				40	3.87	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.87	5.679	0.0031	-2.5 to 2.5	Pass
	1900	100	0	20	3.29	2.704	0.0014	-2.5 to 2.5	Pass
					3.87	6.094	0.0032	-2.5 to 2.5	Pass
					4.45	-2.546	-0.0014	-2.5 to 2.5	Pass
				-30	3.87	-3.376	-0.0018	-2.5 to 2.5	Pass
				-20	3.87	0.358	0.0002	-2.5 to 2.5	Pass
				-10	3.87	1.030	0.0005	-2.5 to 2.5	Pass
				0	3.87	3.419	0.0018	-2.5 to 2.5	Pass
				10	3.87	-6.280	-0.0033	-2.5 to 2.5	Pass
				30	3.87	-3.133	-0.0017	-2.5 to 2.5	Pass
				40	3.87	1.202	0.0006	-2.5 to 2.5	Pass
				50	3.87	-5.436	-0.0029	-2.5 to 2.5	Pass
				20	3.29	3.448	0.0018	-2.5 to 2.5	Pass
					3.87	6.323	0.0033	-2.5 to 2.5	Pass
					4.45	-1.287	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	1.945	0.0010	-2.5 to 2.5	Pass
				-20	3.87	3.347	0.0018	-2.5 to 2.5	Pass
				-10	3.87	0.744	0.0004	-2.5 to 2.5	Pass
				0	3.87	4.506	0.0024	-2.5 to 2.5	Pass
				10	3.87	6.022	0.0032	-2.5 to 2.5	Pass
				30	3.87	6.166	0.0032	-2.5 to 2.5	Pass
				40	3.87	4.649	0.0024	-2.5 to 2.5	Pass
				50	3.87	7.796	0.0041	-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	
		Size	Offset	Result	Limit
QPSK	1880	6	0	Refer To Test Graph	
16QAM	1880	6	0	Refer To Test Graph	

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV					
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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

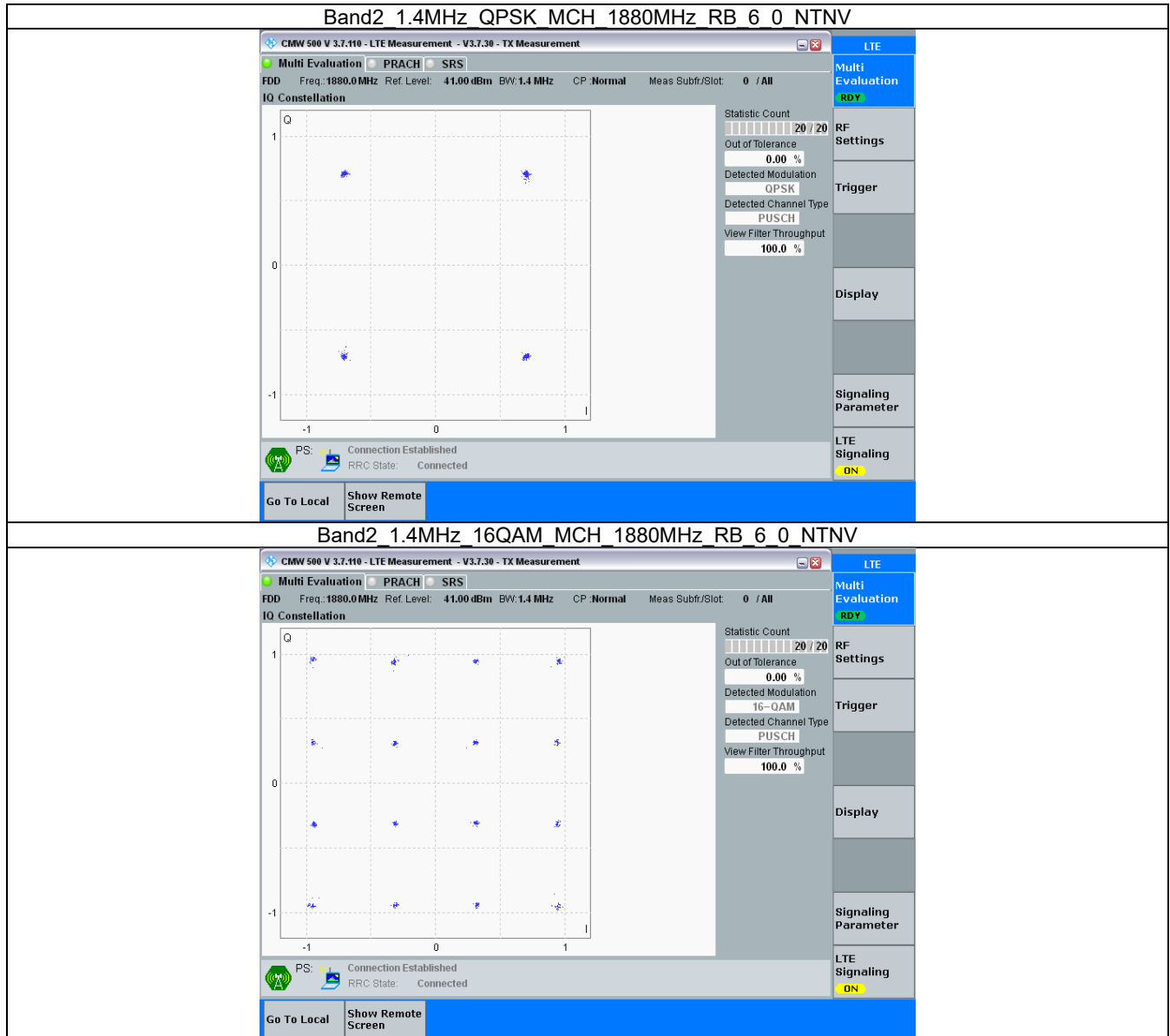
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

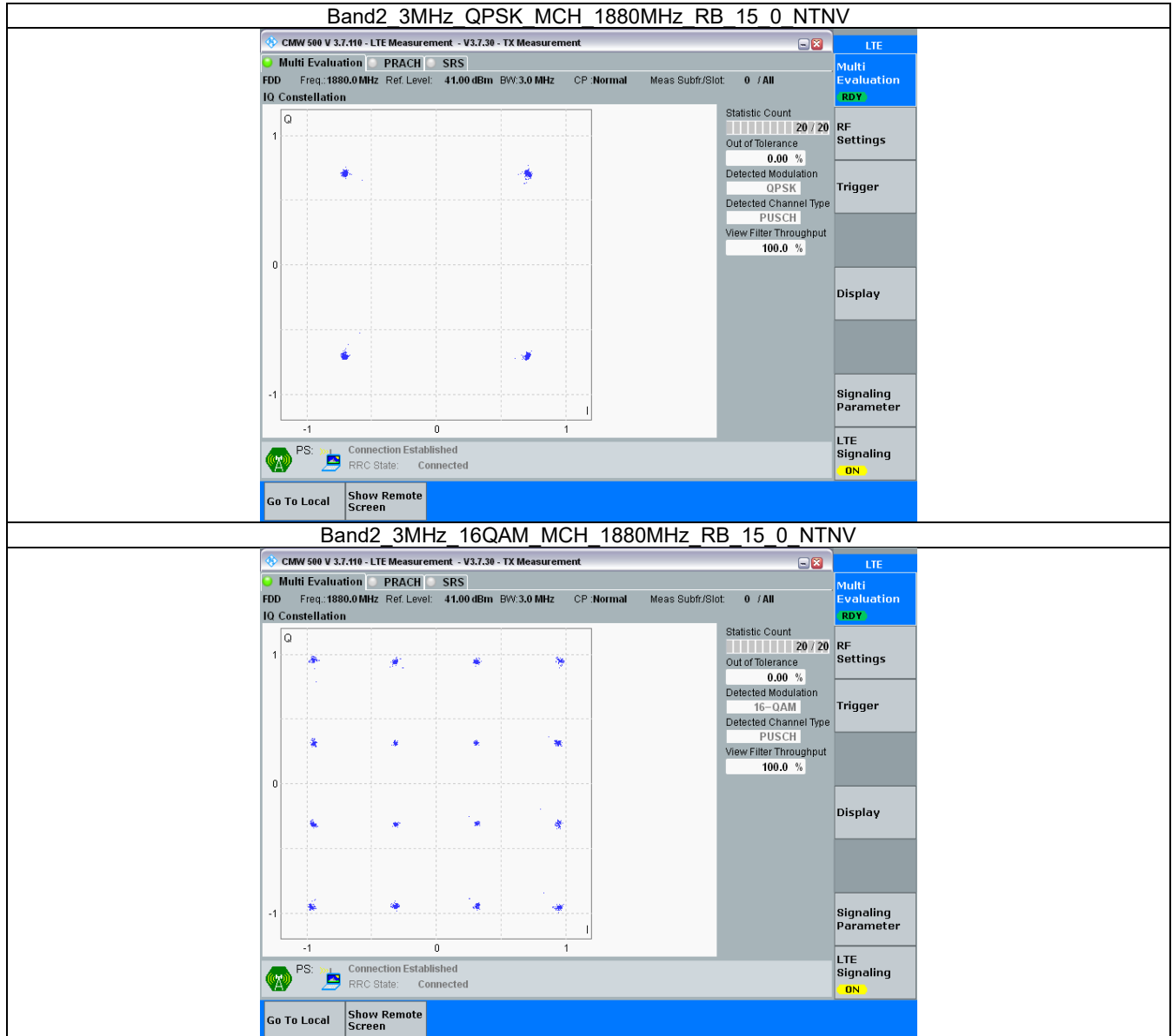
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

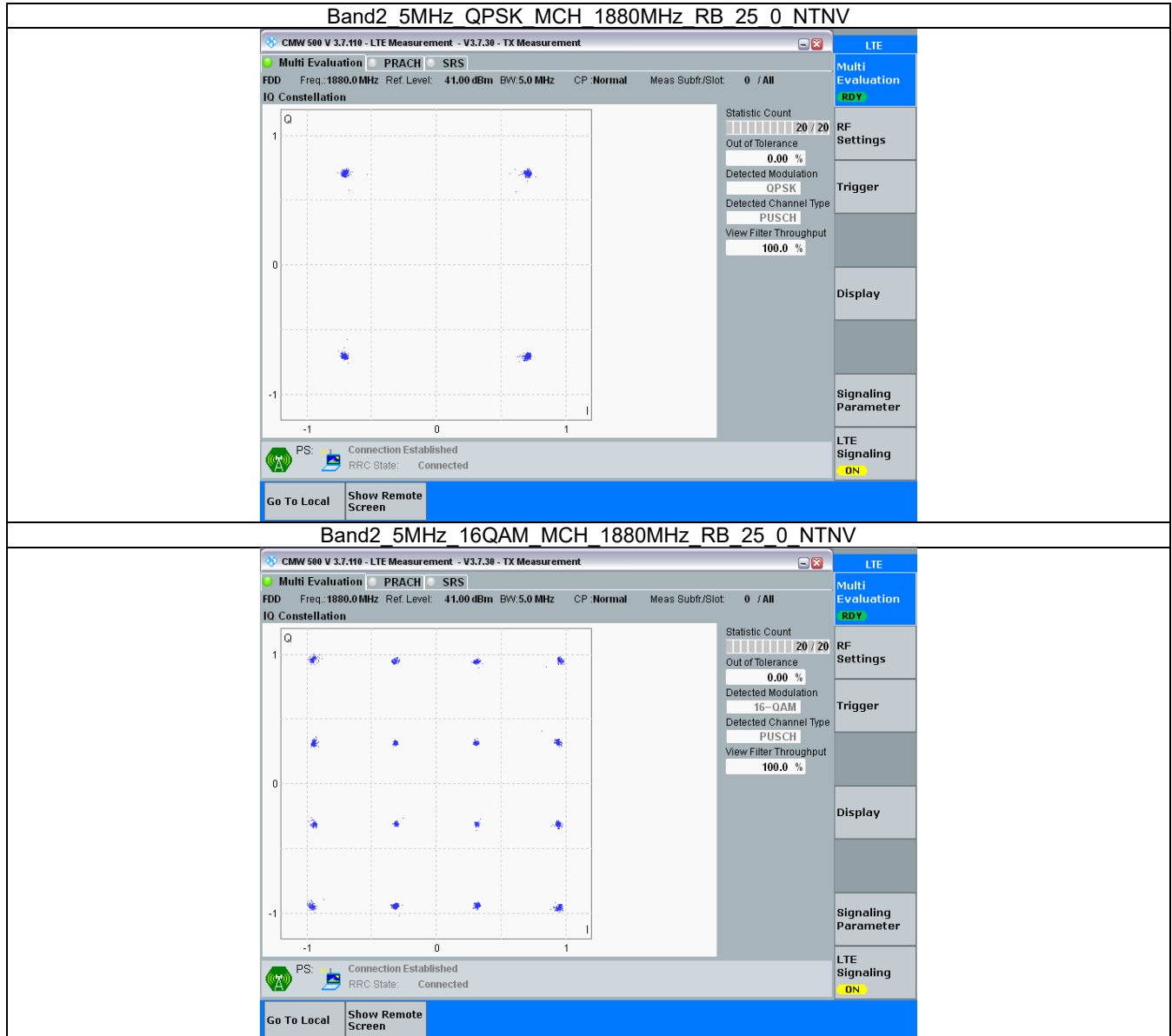
3.2.1 B2_1.4MHz



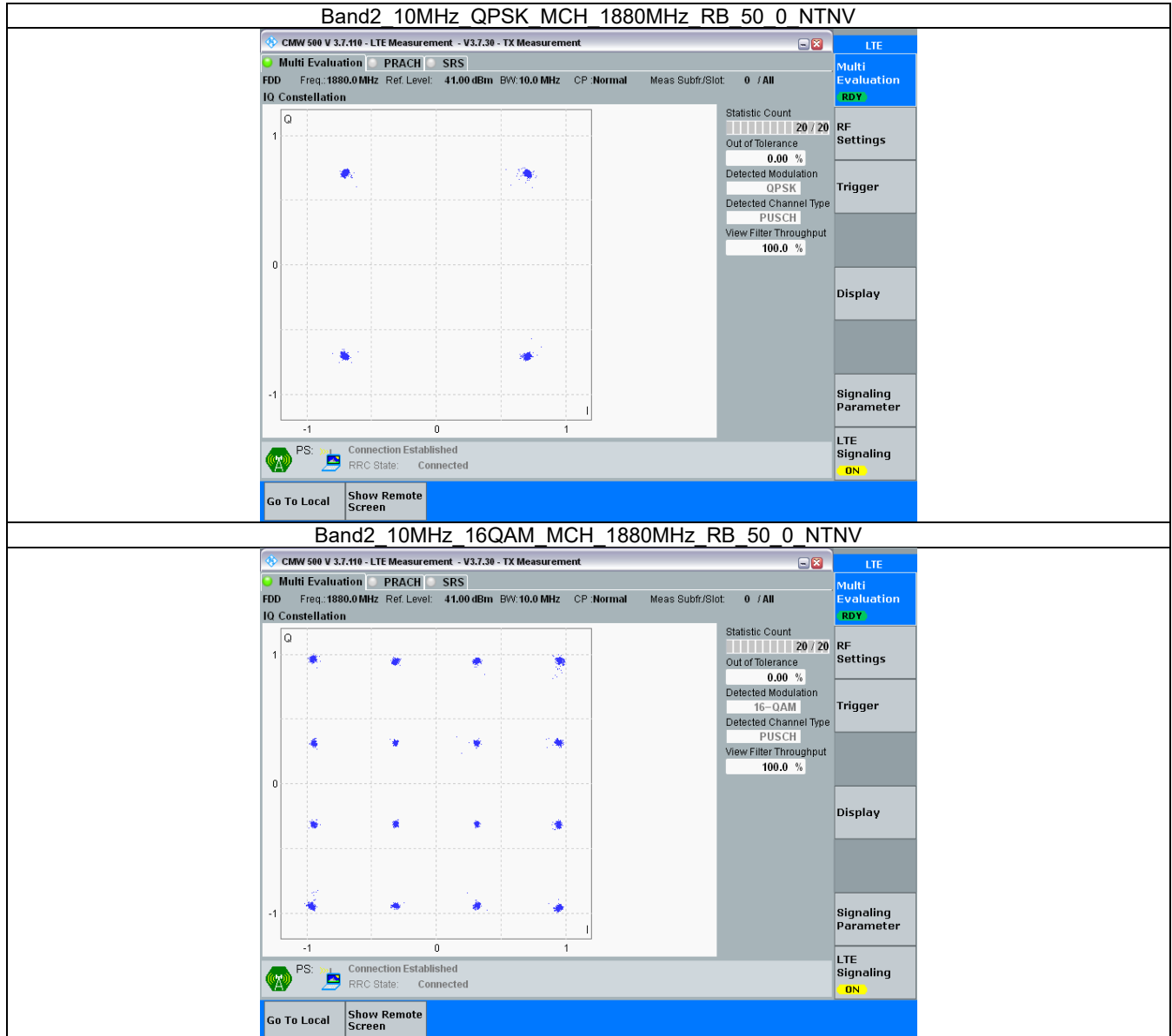
3.2.2 B2_3MHz



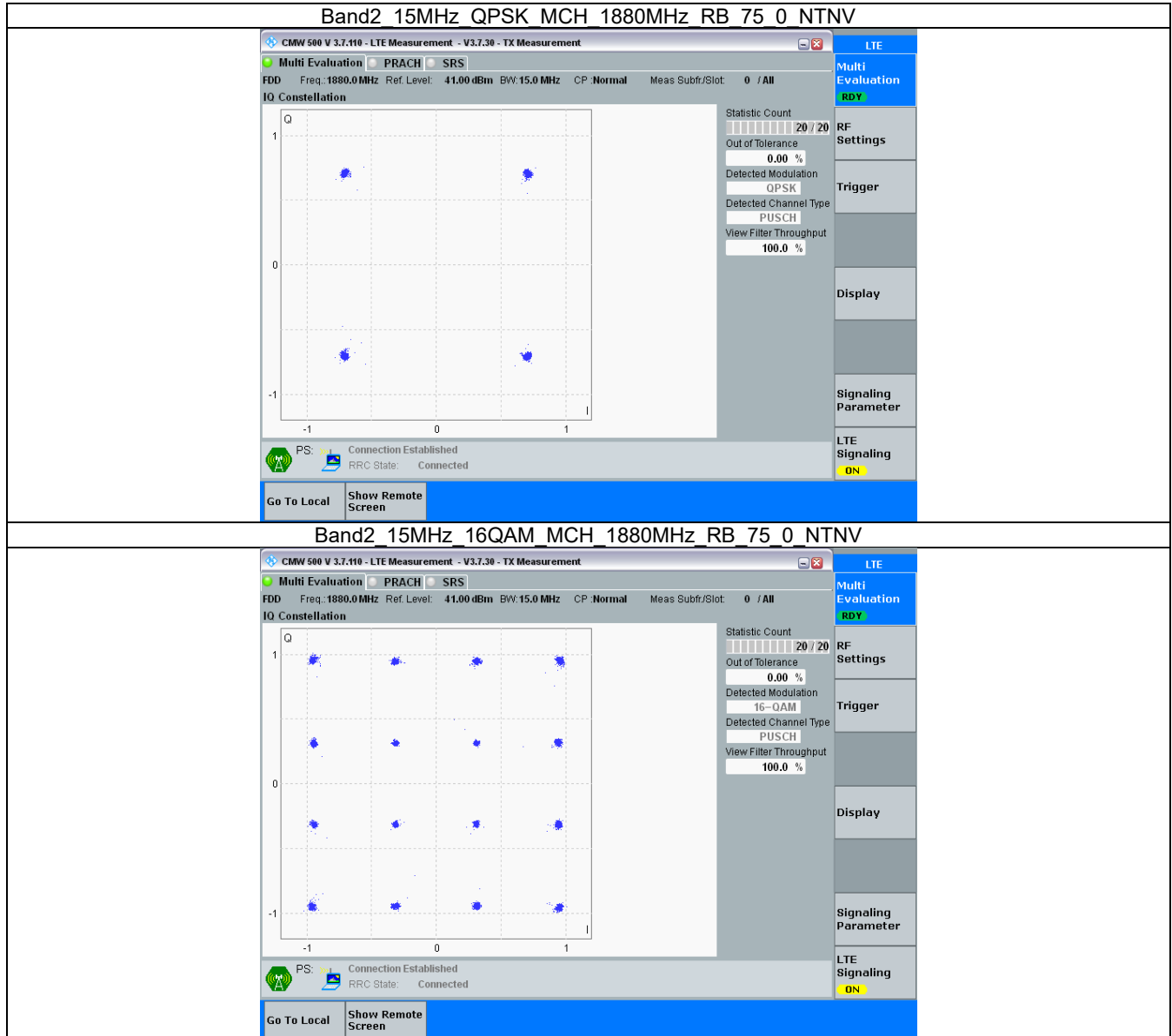
3.2.3 B2_5MHz



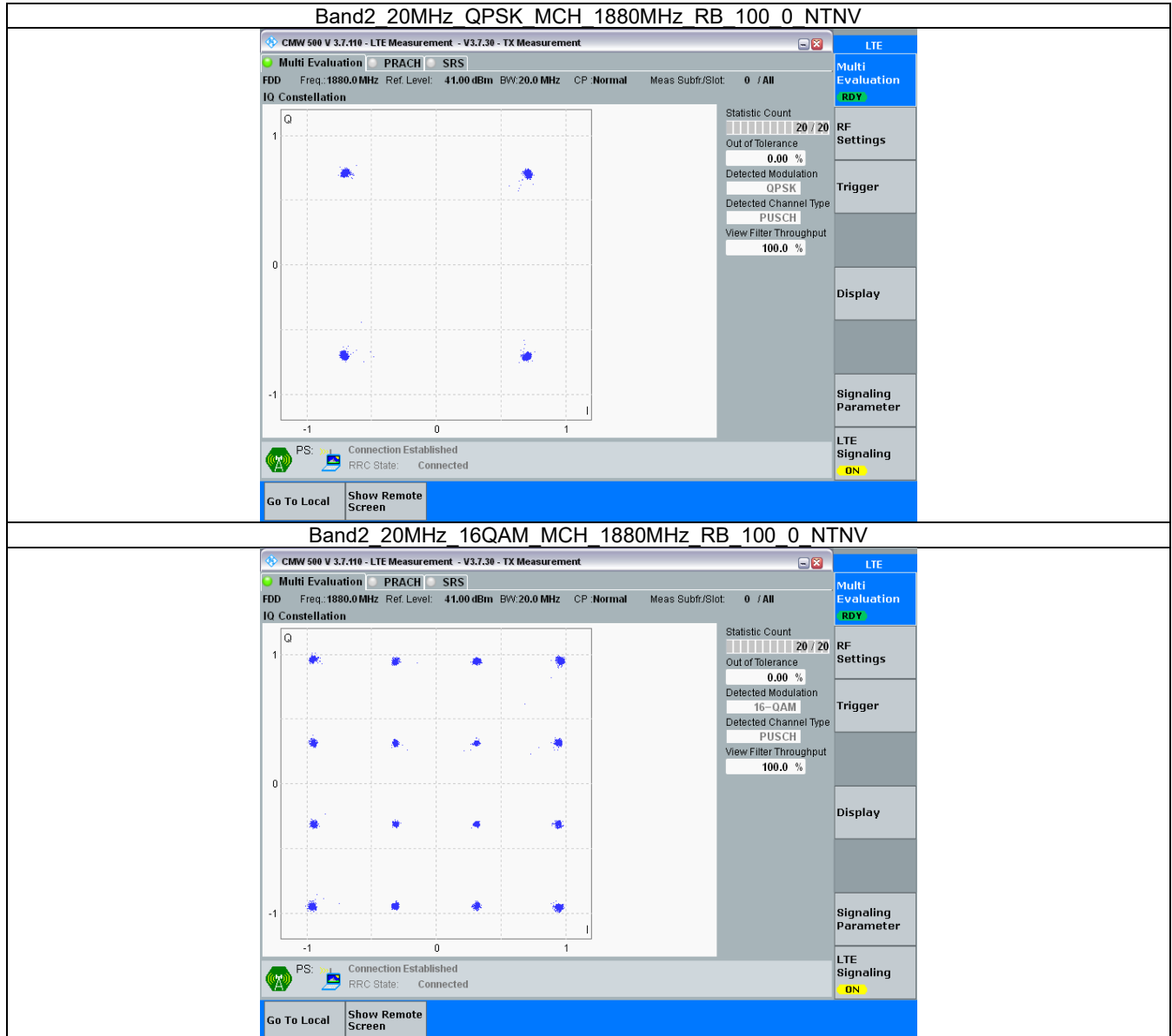
3.2.4 B2_10MHz



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	1.116	/	Pass
		1880	6	0	1.112	/	Pass
		1909.3	6	0	1.107	/	Pass
	16QAM	1850.7	6	0	1.107	/	Pass
		1880	6	0	1.104	/	Pass
		1909.3	6	0	1.121	/	Pass
3	QPSK	1851.5	15	0	2.735	/	Pass
		1880	15	0	2.723	/	Pass
		1908.5	15	0	2.738	/	Pass
	16QAM	1851.5	15	0	2.734	/	Pass
		1880	15	0	2.730	/	Pass
		1908.5	15	0	2.742	/	Pass
5	QPSK	1852.5	25	0	4.541	/	Pass
		1880	25	0	4.545	/	Pass
		1907.5	25	0	4.559	/	Pass
	16QAM	1852.5	25	0	4.539	/	Pass
		1880	25	0	4.569	/	Pass
		1907.5	25	0	4.541	/	Pass
10	QPSK	1855	50	0	9.086	/	Pass
		1880	50	0	9.050	/	Pass
		1905	50	0	9.072	/	Pass
	16QAM	1855	50	0	9.050	/	Pass
		1880	50	0	9.050	/	Pass
		1905	50	0	9.067	/	Pass
15	QPSK	1857.5	75	0	13.560	/	Pass
		1880	75	0	13.578	/	Pass
		1902.5	75	0	13.594	/	Pass
	16QAM	1857.5	75	0	13.589	/	Pass
		1880	75	0	13.604	/	Pass
		1902.5	75	0	13.587	/	Pass
20	QPSK	1860	100	0	18.083	/	Pass
		1880	100	0	18.084	/	Pass
		1900	100	0	18.050	/	Pass
	16QAM	1860	100	0	18.063	/	Pass
		1880	100	0	18.151	/	Pass
		1900	100	0	18.121	/	Pass

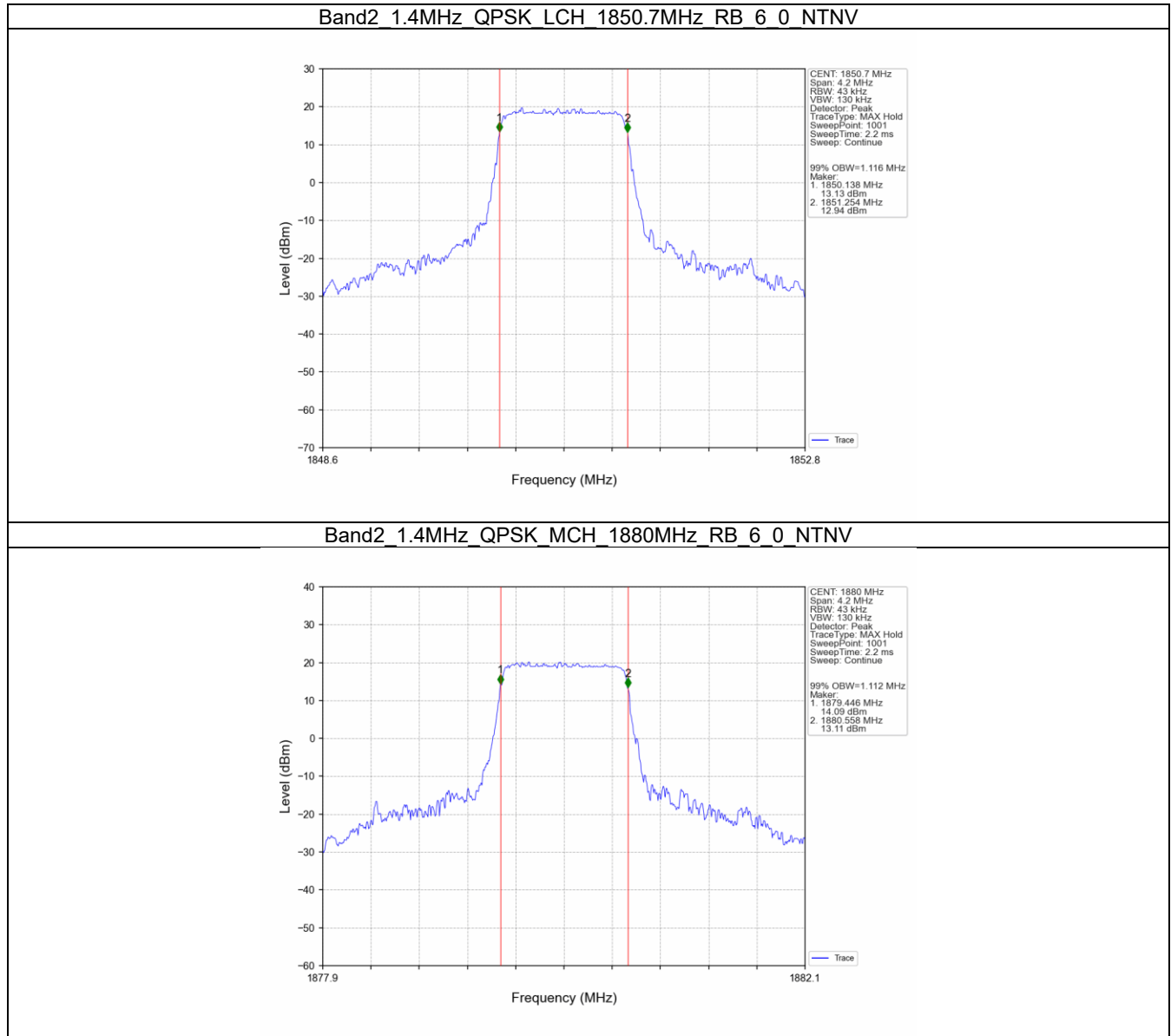
4.1.2 Band2_XDB

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	1.312	/	Pass
		1880	6	0	1.313	/	Pass
		1909.3	6	0	1.345	/	Pass

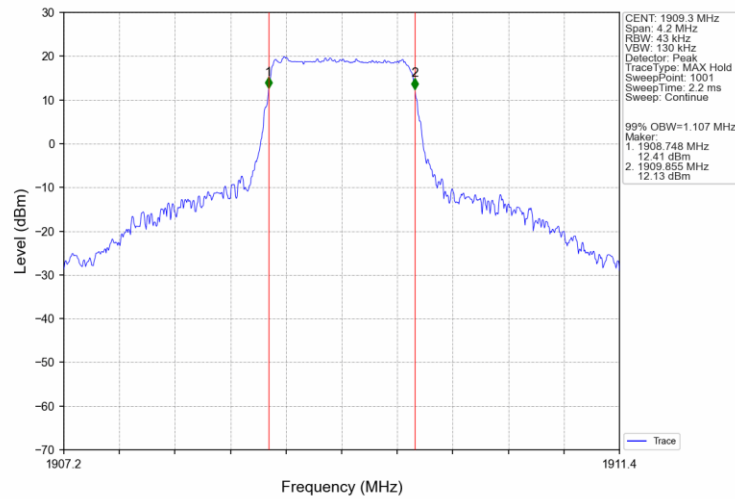
	16QAM	1850.7	6	0	1.314	/	Pass
		1880	6	0	1.306	/	Pass
		1909.3	6	0	1.348	/	Pass
3	QPSK	1851.5	15	0	3.018	/	Pass
		1880	15	0	2.994	/	Pass
		1908.5	15	0	3.008	/	Pass
	16QAM	1851.5	15	0	3.017	/	Pass
		1880	15	0	3.013	/	Pass
		1908.5	15	0	3.039	/	Pass
5	QPSK	1852.5	25	0	5.067	/	Pass
		1880	25	0	5.045	/	Pass
		1907.5	25	0	5.077	/	Pass
	16QAM	1852.5	25	0	5.072	/	Pass
		1880	25	0	5.048	/	Pass
		1907.5	25	0	5.022	/	Pass
10	QPSK	1855	50	0	9.957	/	Pass
		1880	50	0	9.932	/	Pass
		1905	50	0	9.935	/	Pass
	16QAM	1855	50	0	9.918	/	Pass
		1880	50	0	9.888	/	Pass
		1905	50	0	9.934	/	Pass
15	QPSK	1857.5	75	0	14.942	/	Pass
		1880	75	0	15.021	/	Pass
		1902.5	75	0	15.003	/	Pass
	16QAM	1857.5	75	0	14.797	/	Pass
		1880	75	0	14.936	/	Pass
		1902.5	75	0	14.862	/	Pass
20	QPSK	1860	100	0	19.869	/	Pass
		1880	100	0	19.806	/	Pass
		1900	100	0	19.530	/	Pass
	16QAM	1860	100	0	19.624	/	Pass
		1880	100	0	19.872	/	Pass
		1900	100	0	19.695	/	Pass

4.2 Test Graph

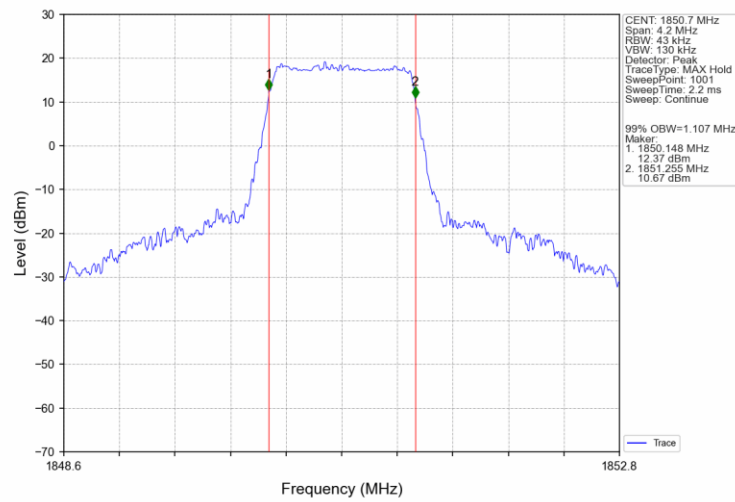
4.2.1 Band2_OBW



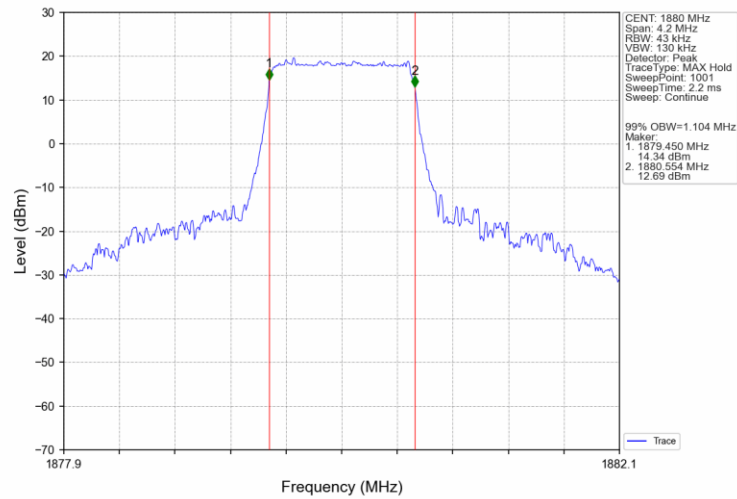
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



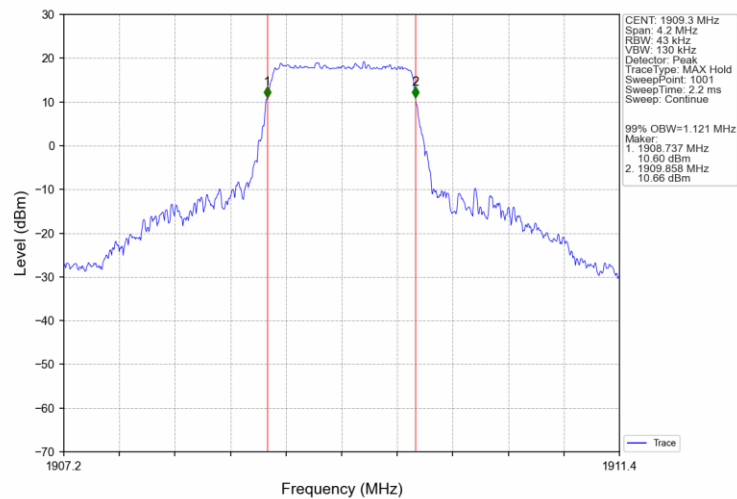
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



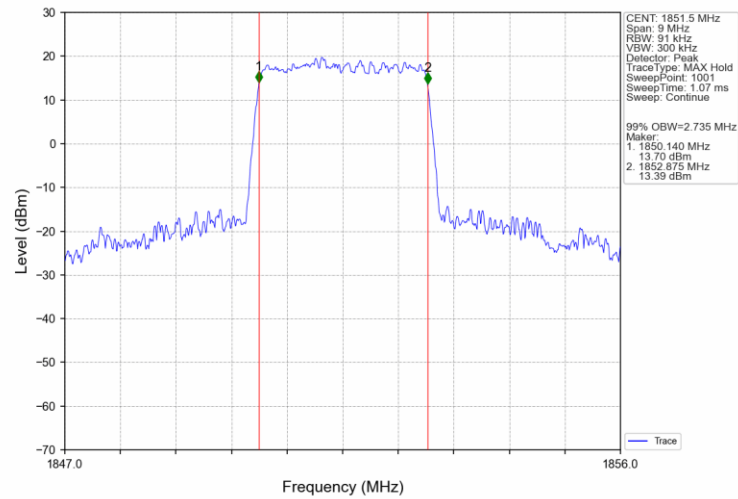
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



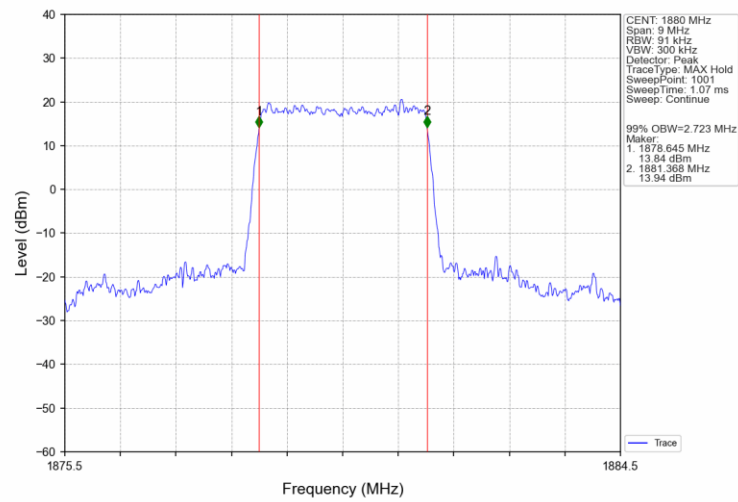
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



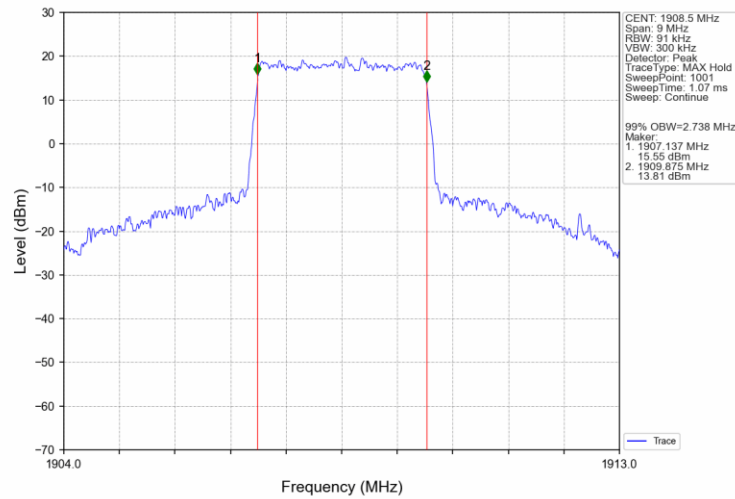
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTV



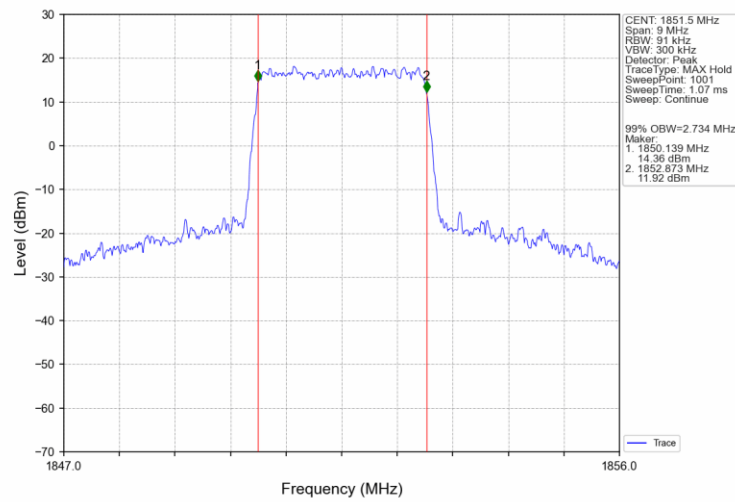
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTV



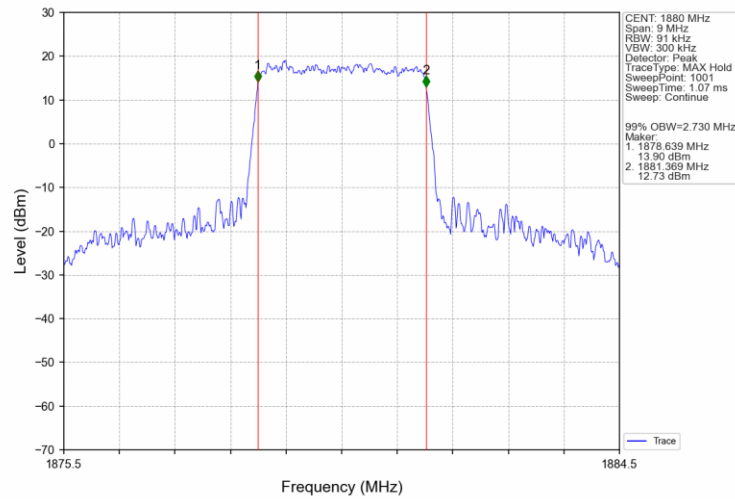
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTV



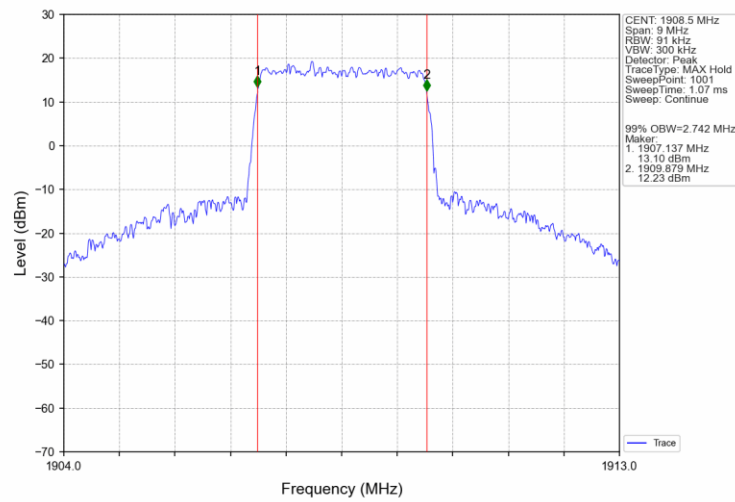
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTV



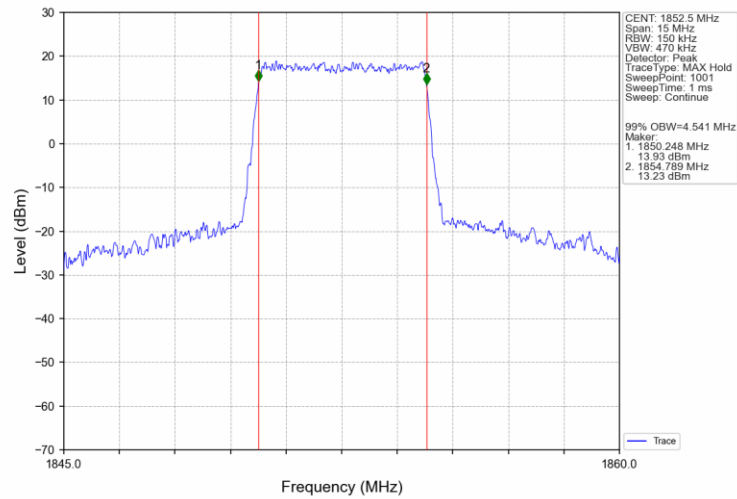
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



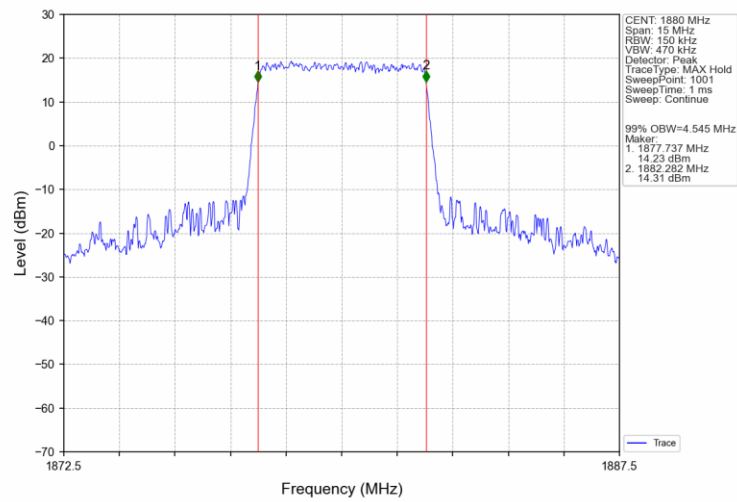
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



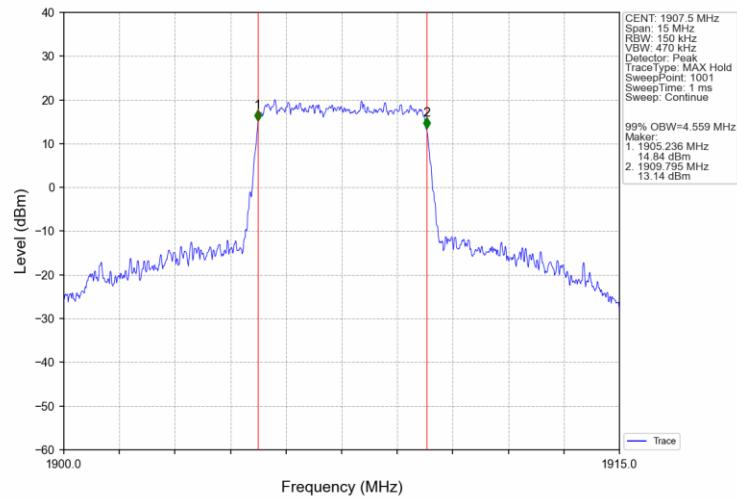
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTV



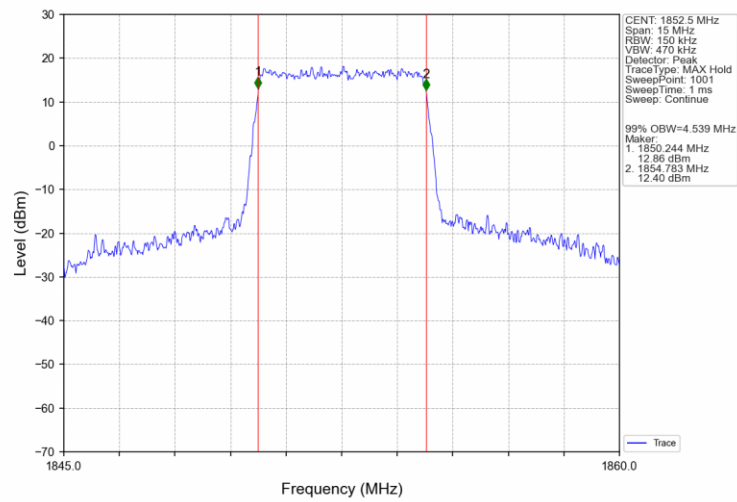
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTV



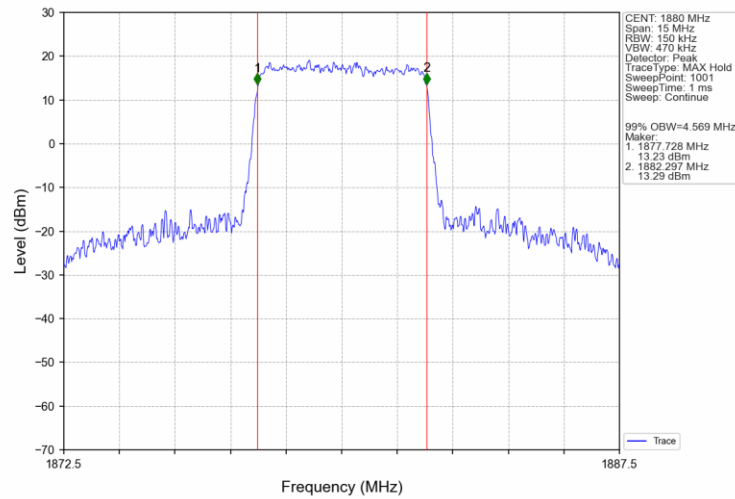
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



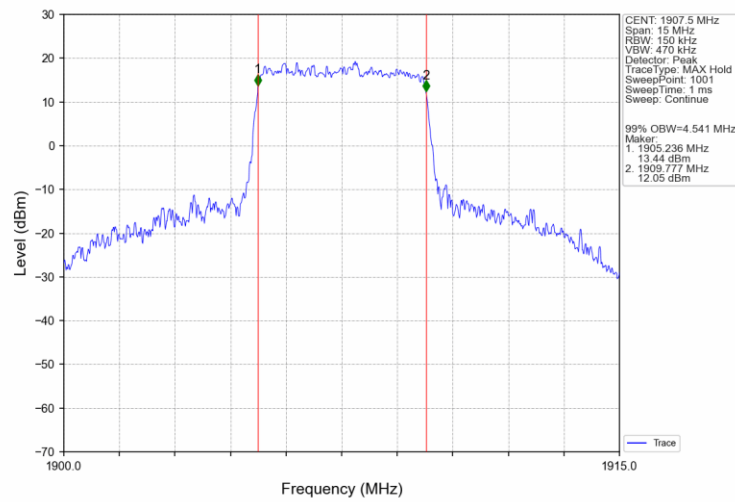
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



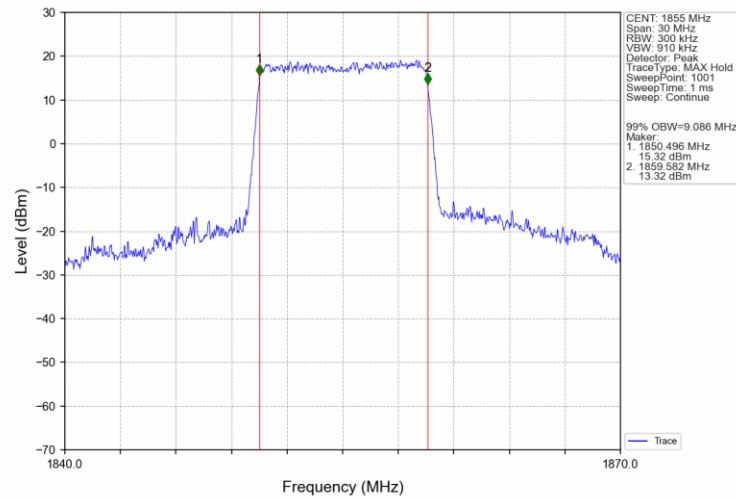
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTV



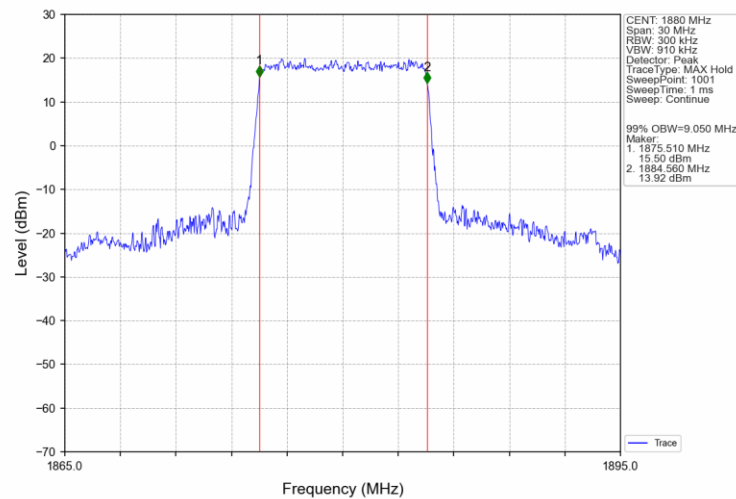
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTV



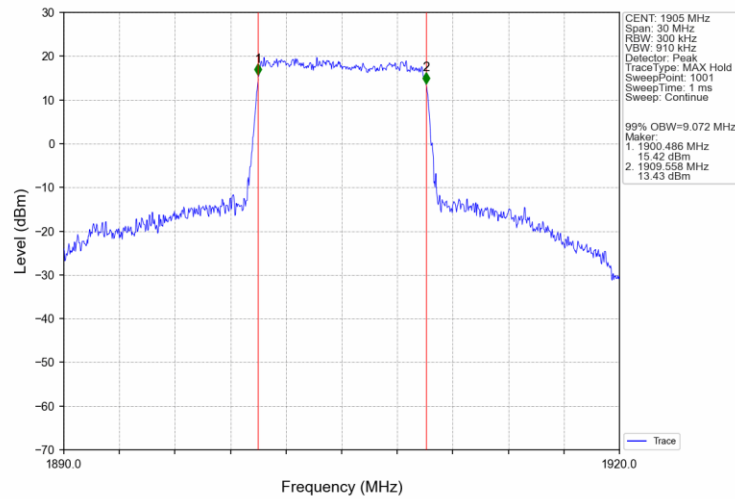
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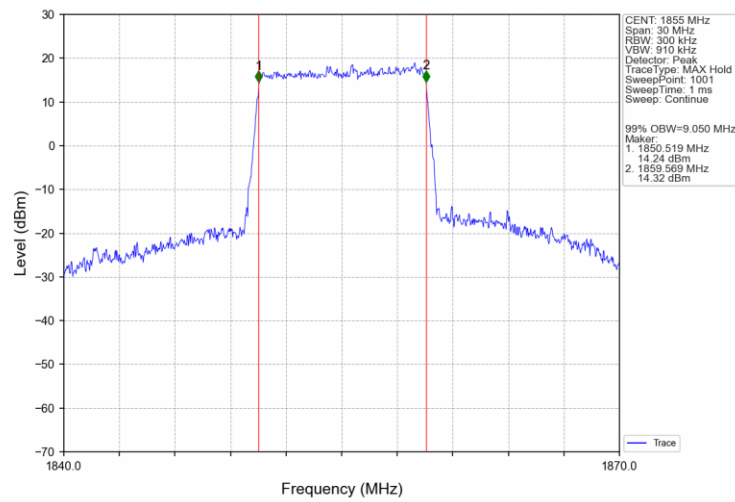
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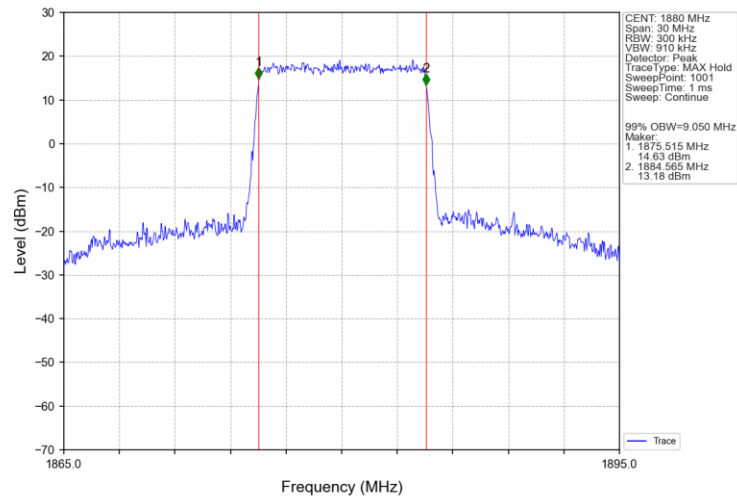
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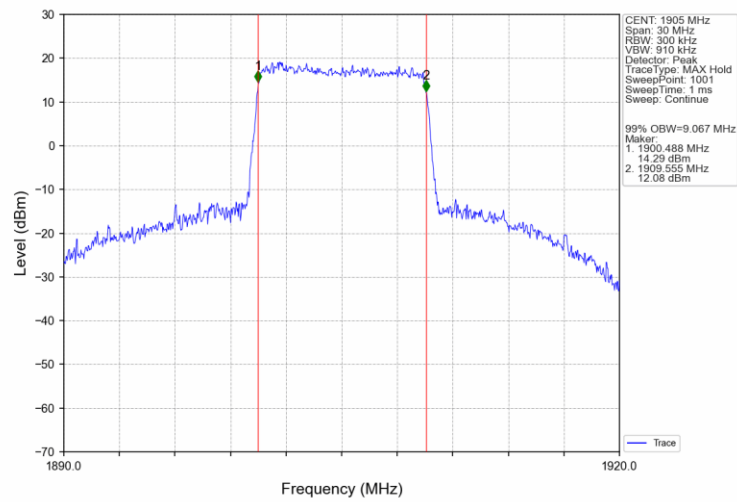
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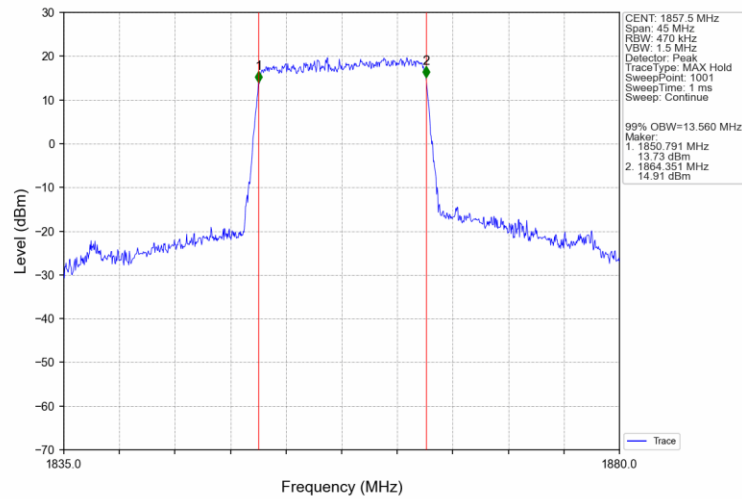
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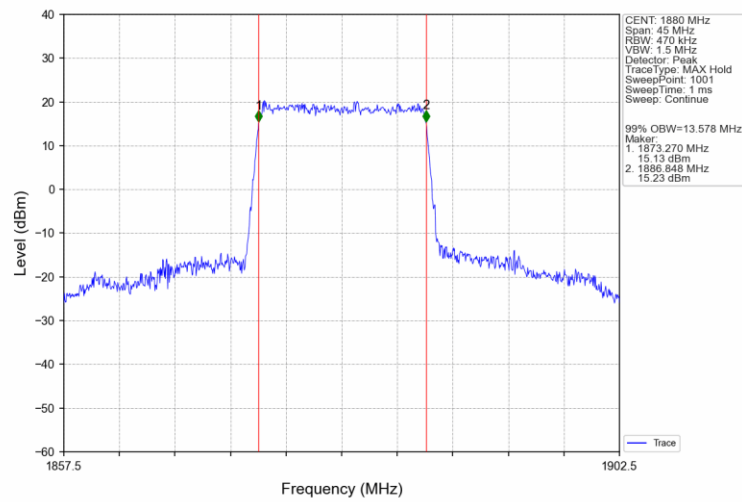
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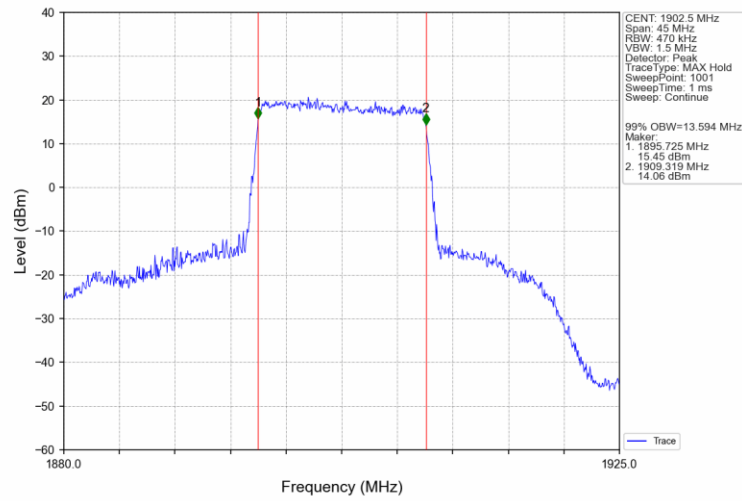
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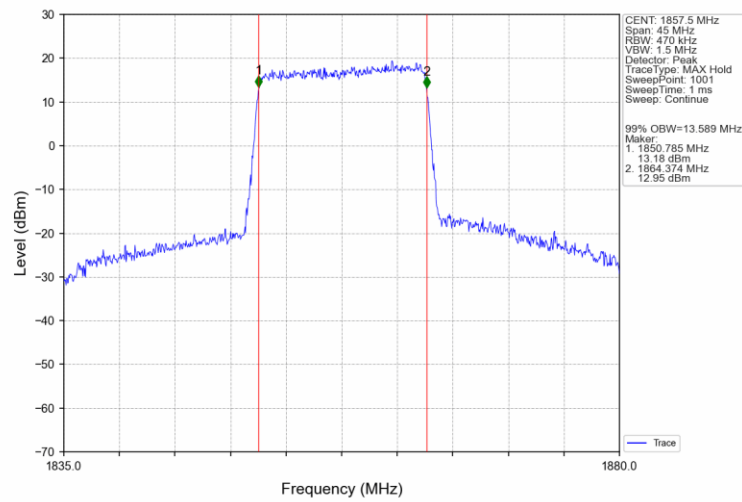
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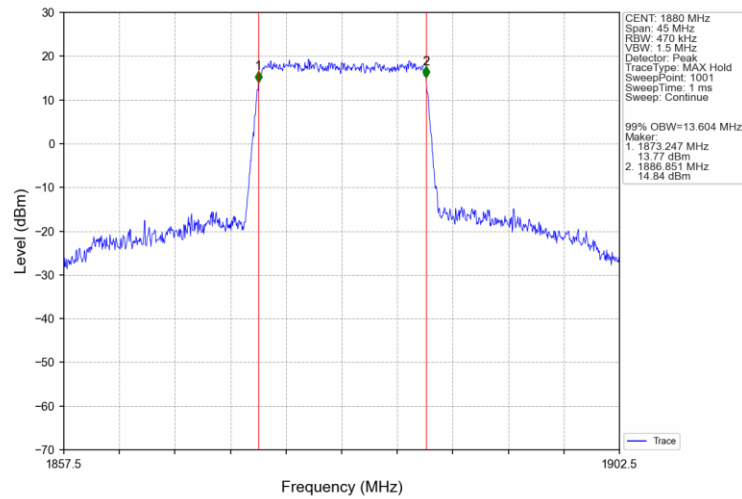
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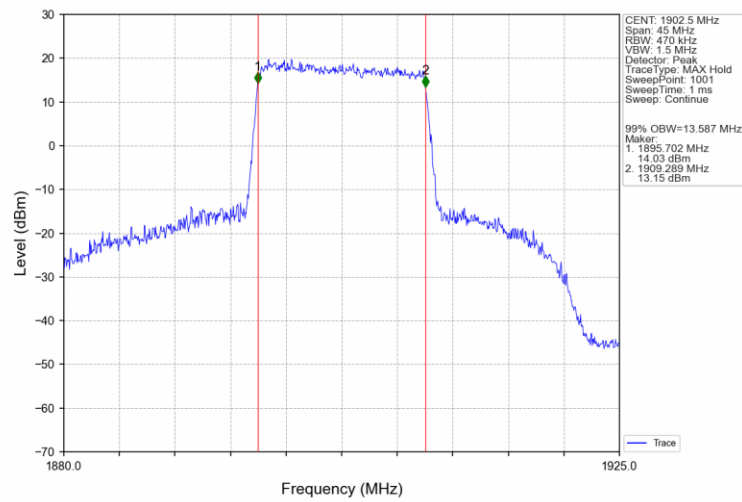
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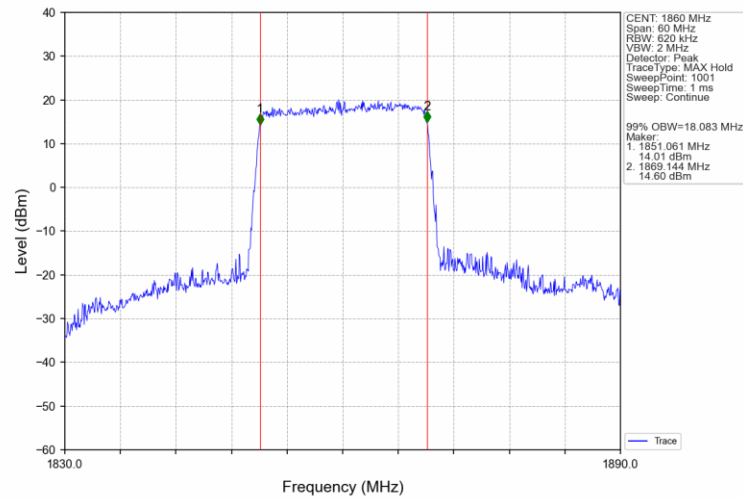
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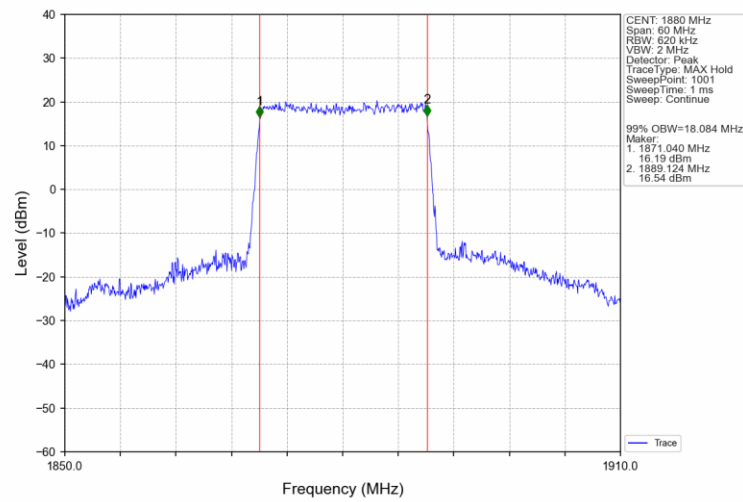
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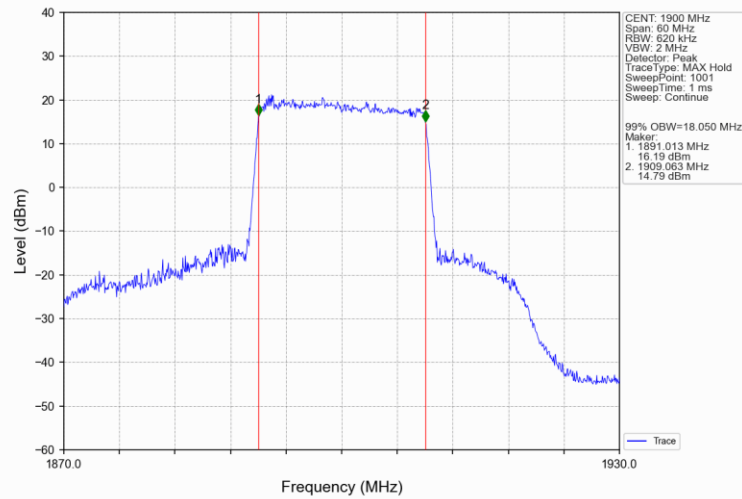
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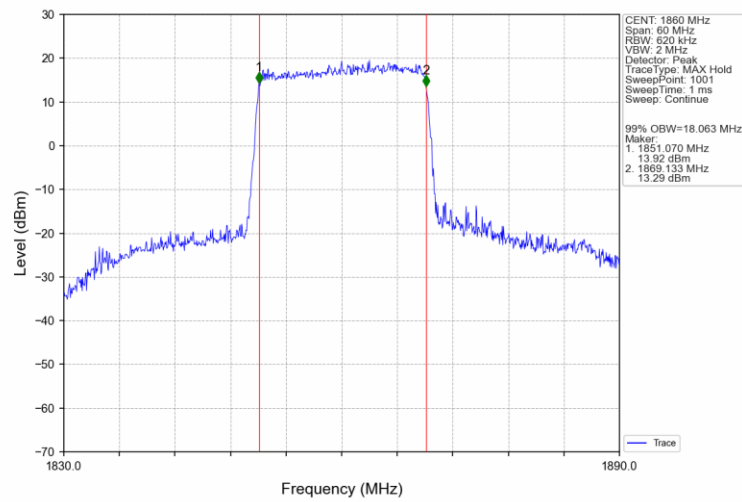
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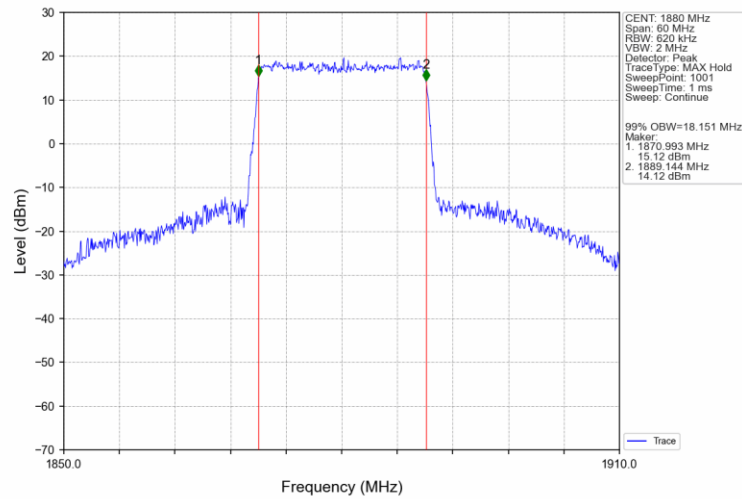
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTV



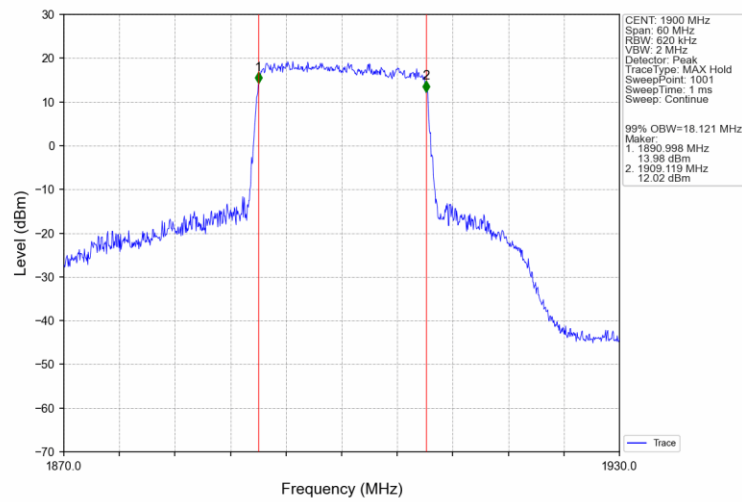
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Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV

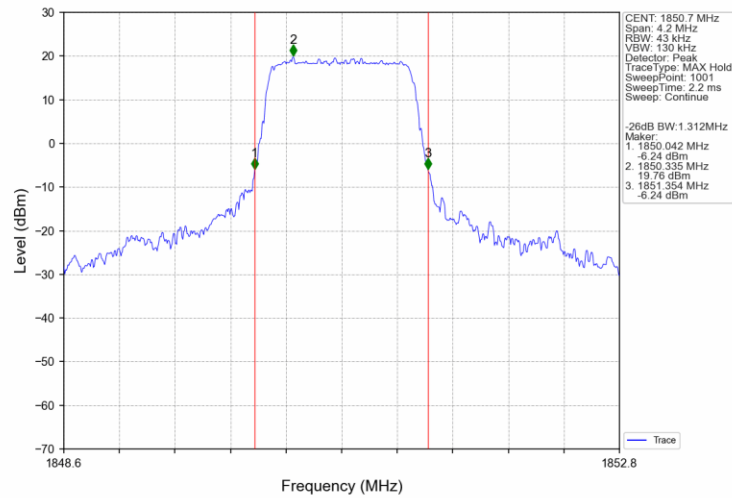


Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV

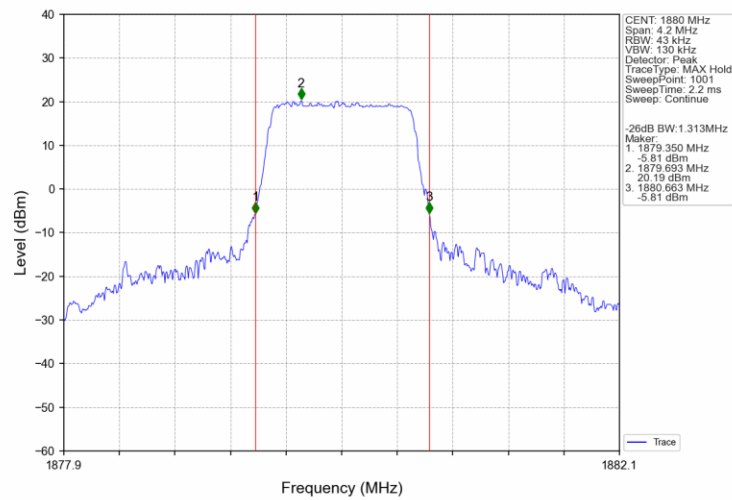


4.2.2 Band2_XDB

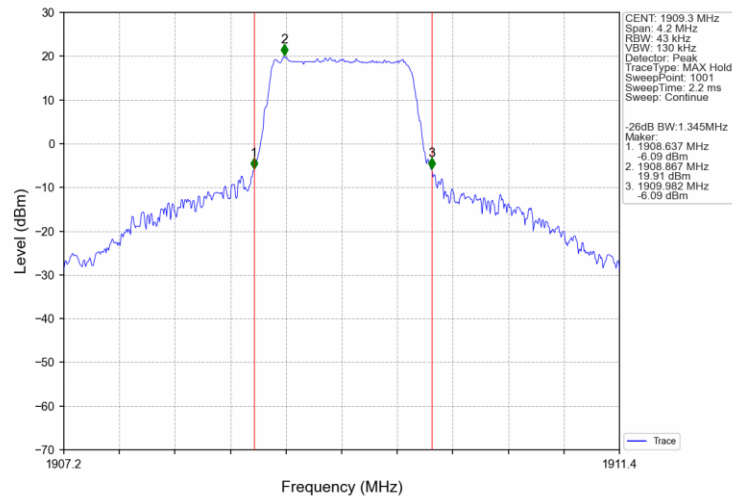
Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



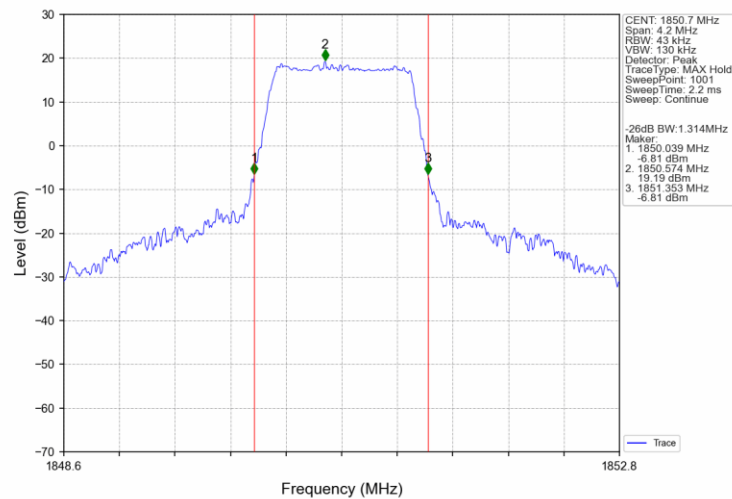
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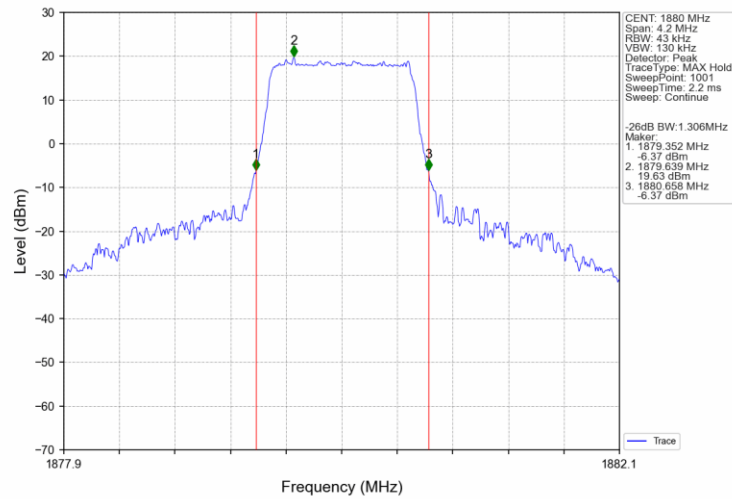
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



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

