

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	23.18	0.30	23.48	<=33.01	Pass
			2	23.20	0.30	23.50	<=33.01	Pass
			5	23.15	0.30	23.45	<=33.01	Pass
		3	0	23.16	0.30	23.46	<=33.01	Pass
			2	23.18	0.30	23.48	<=33.01	Pass
			3	23.15	0.30	23.45	<=33.01	Pass
		6	0	22.14	0.30	22.44	<=33.01	Pass
	1880	1	0	23.02	0.30	23.32	<=33.01	Pass
			2	23.00	0.30	23.30	<=33.01	Pass
			5	22.98	0.30	23.28	<=33.01	Pass
		3	0	22.99	0.30	23.29	<=33.01	Pass
			2	22.99	0.30	23.29	<=33.01	Pass
			3	22.98	0.30	23.28	<=33.01	Pass
		6	0	22.00	0.30	22.30	<=33.01	Pass
	1909.3	1	0	23.03	0.30	23.33	<=33.01	Pass
			2	23.02	0.30	23.32	<=33.01	Pass
			5	23.00	0.30	23.30	<=33.01	Pass
		3	0	23.04	0.30	23.34	<=33.01	Pass
			2	23.08	0.30	23.38	<=33.01	Pass
			3	23.04	0.30	23.34	<=33.01	Pass
		6	0	22.02	0.30	22.32	<=33.01	Pass
16QAM	1850.7	1	0	22.10	0.30	22.40	<=33.01	Pass
			2	22.14	0.30	22.44	<=33.01	Pass
			5	22.12	0.30	22.42	<=33.01	Pass
		3	0	21.98	0.30	22.28	<=33.01	Pass
			2	21.97	0.30	22.27	<=33.01	Pass
			3	21.96	0.30	22.26	<=33.01	Pass
		6	0	21.16	0.30	21.46	<=33.01	Pass
	1880	1	0	22.02	0.30	22.32	<=33.01	Pass
			2	22.08	0.30	22.38	<=33.01	Pass
			5	22.06	0.30	22.36	<=33.01	Pass
		3	0	22.07	0.30	22.37	<=33.01	Pass
			2	22.05	0.30	22.35	<=33.01	Pass
			3	22.05	0.30	22.35	<=33.01	Pass
		6	0	21.06	0.30	21.36	<=33.01	Pass
	1909.3	1	0	22.33	0.30	22.63	<=33.01	Pass
			2	22.37	0.30	22.67	<=33.01	Pass
			5	22.34	0.30	22.64	<=33.01	Pass
		3	0	22.06	0.30	22.36	<=33.01	Pass
			2	22.05	0.30	22.35	<=33.01	Pass
			3	22.08	0.30	22.38	<=33.01	Pass
		6	0	21.04	0.30	21.34	<=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	23.23	0.30	23.53	<=33.01	Pass
			7	23.23	0.30	23.53	<=33.01	Pass
			14	23.21	0.30	23.51	<=33.01	Pass
		8	0	22.15	0.30	22.45	<=33.01	Pass
			4	22.14	0.30	22.44	<=33.01	Pass
			7	22.14	0.30	22.44	<=33.01	Pass
		15	0	22.13	0.30	22.43	<=33.01	Pass
	1880	1	0	23.15	0.30	23.45	<=33.01	Pass
			7	23.14	0.30	23.44	<=33.01	Pass
			14	23.09	0.30	23.39	<=33.01	Pass
		8	0	22.01	0.30	22.31	<=33.01	Pass
			4	22.01	0.30	22.31	<=33.01	Pass
			7	22.00	0.30	22.30	<=33.01	Pass
		15	0	22.03	0.30	22.33	<=33.01	Pass
	1908.5	1	0	22.95	0.30	23.25	<=33.01	Pass
			7	22.99	0.30	23.29	<=33.01	Pass
			14	23.01	0.30	23.31	<=33.01	Pass
		8	0	22.02	0.30	22.32	<=33.01	Pass
			4	22.04	0.30	22.34	<=33.01	Pass
			7	22.05	0.30	22.35	<=33.01	Pass
		15	0	22.05	0.30	22.35	<=33.01	Pass
16QAM	1851.5	1	0	22.50	0.30	22.80	<=33.01	Pass
			7	22.55	0.30	22.85	<=33.01	Pass
			14	22.57	0.30	22.87	<=33.01	Pass
		8	0	21.21	0.30	21.51	<=33.01	Pass
			4	21.19	0.30	21.49	<=33.01	Pass
			7	21.20	0.30	21.50	<=33.01	Pass
		15	0	21.17	0.30	21.47	<=33.01	Pass
	1880	1	0	22.02	0.30	22.32	<=33.01	Pass
			7	22.02	0.30	22.32	<=33.01	Pass
			14	22.02	0.30	22.32	<=33.01	Pass
		8	0	21.00	0.30	21.30	<=33.01	Pass
			4	21.00	0.30	21.30	<=33.01	Pass
			7	21.01	0.30	21.31	<=33.01	Pass
		15	0	21.06	0.30	21.36	<=33.01	Pass
	1908.5	1	0	22.02	0.30	22.32	<=33.01	Pass
			7	22.03	0.30	22.33	<=33.01	Pass
			14	21.91	0.30	22.21	<=33.01	Pass
		8	0	21.02	0.30	21.32	<=33.01	Pass
			4	21.01	0.30	21.31	<=33.01	Pass
			7	21.04	0.30	21.34	<=33.01	Pass
		15	0	20.99	0.30	21.29	<=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	23.24	0.30	23.54	<=33.01	Pass
			13	23.19	0.30	23.49	<=33.01	Pass
			24	23.24	0.30	23.54	<=33.01	Pass
		12	0	22.13	0.30	22.43	<=33.01	Pass
			6	22.14	0.30	22.44	<=33.01	Pass
			13	22.16	0.30	22.46	<=33.01	Pass
		25	0	22.18	0.30	22.48	<=33.01	Pass
	1880	1	0	23.13	0.30	23.43	<=33.01	Pass
			13	22.87	0.30	23.17	<=33.01	Pass
			24	22.81	0.30	23.11	<=33.01	Pass
		12	0	22.09	0.30	22.39	<=33.01	Pass
			6	22.05	0.30	22.35	<=33.01	Pass
			13	22.06	0.30	22.36	<=33.01	Pass
		25	0	22.11	0.30	22.41	<=33.01	Pass
	1907.5	1	0	22.62	0.30	22.92	<=33.01	Pass
			13	22.56	0.30	22.86	<=33.01	Pass
			24	22.63	0.30	22.93	<=33.01	Pass
		12	0	21.96	0.30	22.26	<=33.01	Pass
			6	22.04	0.30	22.34	<=33.01	Pass
			13	22.07	0.30	22.37	<=33.01	Pass
		25	0	22.05	0.30	22.35	<=33.01	Pass
16QAM	1852.5	1	0	22.16	0.30	22.46	<=33.01	Pass
			13	22.06	0.30	22.36	<=33.01	Pass
			24	22.15	0.30	22.45	<=33.01	Pass
		12	0	21.16	0.30	21.46	<=33.01	Pass
			6	21.19	0.30	21.49	<=33.01	Pass
			13	21.18	0.30	21.48	<=33.01	Pass
		25	0	21.25	0.30	21.55	<=33.01	Pass
	1880	1	0	22.15	0.30	22.45	<=33.01	Pass
			13	22.10	0.30	22.40	<=33.01	Pass
			24	22.04	0.30	22.34	<=33.01	Pass
		12	0	21.05	0.30	21.35	<=33.01	Pass
			6	21.02	0.30	21.32	<=33.01	Pass
			13	21.05	0.30	21.35	<=33.01	Pass
		25	0	21.05	0.30	21.35	<=33.01	Pass
	1907.5	1	0	21.60	0.30	21.90	<=33.01	Pass
			13	21.64	0.30	21.94	<=33.01	Pass
			24	21.70	0.30	22.00	<=33.01	Pass
		12	0	20.93	0.30	21.23	<=33.01	Pass
			6	21.02	0.30	21.32	<=33.01	Pass
			13	21.09	0.30	21.39	<=33.01	Pass
		25	0	21.00	0.30	21.30	<=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	23.08	0.30	23.38	<=33.01	Pass
			25	23.11	0.30	23.41	<=33.01	Pass
			49	22.89	0.30	23.19	<=33.01	Pass
		25	0	22.12	0.30	22.42	<=33.01	Pass
			13	22.17	0.30	22.47	<=33.01	Pass
			25	22.20	0.30	22.50	<=33.01	Pass
		50	0	22.18	0.30	22.48	<=33.01	Pass
			0	22.62	0.30	22.92	<=33.01	Pass
			25	22.66	0.30	22.96	<=33.01	Pass
	1880	1	49	22.57	0.30	22.87	<=33.01	Pass
			0	22.02	0.30	22.32	<=33.01	Pass
			13	22.09	0.30	22.39	<=33.01	Pass
		25	25	22.05	0.30	22.35	<=33.01	Pass
			0	22.05	0.30	22.35	<=33.01	Pass
			0	22.43	0.30	22.73	<=33.01	Pass
		50	25	22.51	0.30	22.81	<=33.01	Pass
			49	22.55	0.30	22.85	<=33.01	Pass
			0	21.93	0.30	22.23	<=33.01	Pass
	1905	25	13	22.05	0.30	22.35	<=33.01	Pass
			25	22.16	0.30	22.46	<=33.01	Pass
			0	22.11	0.30	22.41	<=33.01	Pass
16QAM	1855	1	0	22.04	0.30	22.34	<=33.01	Pass
			25	22.10	0.30	22.40	<=33.01	Pass
			49	22.08	0.30	22.38	<=33.01	Pass
		25	0	21.16	0.30	21.46	<=33.01	Pass
			13	21.17	0.30	21.47	<=33.01	Pass
			25	21.20	0.30	21.50	<=33.01	Pass
		50	0	21.14	0.30	21.44	<=33.01	Pass
			0	21.48	0.30	21.78	<=33.01	Pass
			25	21.55	0.30	21.85	<=33.01	Pass
	1880	1	49	21.43	0.30	21.73	<=33.01	Pass
			0	21.04	0.30	21.34	<=33.01	Pass
			13	21.14	0.30	21.44	<=33.01	Pass
		25	25	21.10	0.30	21.40	<=33.01	Pass
			0	21.03	0.30	21.33	<=33.01	Pass
			0	21.47	0.30	21.77	<=33.01	Pass
		50	25	21.55	0.30	21.85	<=33.01	Pass
			49	21.57	0.30	21.87	<=33.01	Pass
			0	20.99	0.30	21.29	<=33.01	Pass
	1905	25	13	21.08	0.30	21.38	<=33.01	Pass
			25	21.22	0.30	21.52	<=33.01	Pass
			0	21.05	0.30	21.35	<=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	22.62	0.30	22.92	<=33.01	Pass
			38	22.69	0.30	22.99	<=33.01	Pass
			74	22.60	0.30	22.90	<=33.01	Pass
		36	0	22.14	0.30	22.44	<=33.01	Pass
			18	22.16	0.30	22.46	<=33.01	Pass
			39	22.15	0.30	22.45	<=33.01	Pass
		75	0	22.18	0.30	22.48	<=33.01	Pass
			0	22.54	0.30	22.84	<=33.01	Pass
			38	22.62	0.30	22.92	<=33.01	Pass
	1880	1	74	22.44	0.30	22.74	<=33.01	Pass
			0	22.03	0.30	22.33	<=33.01	Pass
			18	22.04	0.30	22.34	<=33.01	Pass
		36	39	21.99	0.30	22.29	<=33.01	Pass
			0	22.08	0.30	22.38	<=33.01	Pass
			0	22.36	0.30	22.66	<=33.01	Pass
		75	38	22.47	0.30	22.77	<=33.01	Pass
			74	22.45	0.30	22.75	<=33.01	Pass
			0	21.93	0.30	22.23	<=33.01	Pass
	1902.5	36	18	21.95	0.30	22.25	<=33.01	Pass
			39	22.14	0.30	22.44	<=33.01	Pass
		75	0	22.07	0.30	22.37	<=33.01	Pass
16QAM	1857.5	1	0	21.57	0.30	21.87	<=33.01	Pass
			38	21.62	0.30	21.92	<=33.01	Pass
			74	21.58	0.30	21.88	<=33.01	Pass
		36	0	21.13	0.30	21.43	<=33.01	Pass
			18	21.16	0.30	21.46	<=33.01	Pass
			39	21.12	0.30	21.42	<=33.01	Pass
		75	0	21.16	0.30	21.46	<=33.01	Pass
			0	21.45	0.30	21.75	<=33.01	Pass
			38	21.54	0.30	21.84	<=33.01	Pass
	1880	1	74	21.36	0.30	21.66	<=33.01	Pass
			0	21.03	0.30	21.33	<=33.01	Pass
			18	21.02	0.30	21.32	<=33.01	Pass
		36	39	20.99	0.30	21.29	<=33.01	Pass
			0	21.03	0.30	21.33	<=33.01	Pass
		75	0	21.41	0.30	21.71	<=33.01	Pass
			38	21.53	0.30	21.83	<=33.01	Pass
			74	21.50	0.30	21.80	<=33.01	Pass
	1902.5	36	0	20.93	0.30	21.23	<=33.01	Pass
			18	20.99	0.30	21.29	<=33.01	Pass
			39	21.10	0.30	21.40	<=33.01	Pass
		75	0	21.07	0.30	21.37	<=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	22.58	0.30	22.88	<=33.01	Pass
			50	22.70	0.30	23.00	<=33.01	Pass
			99	22.54	0.30	22.84	<=33.01	Pass
		50	0	22.13	0.30	22.43	<=33.01	Pass
			25	22.19	0.30	22.49	<=33.01	Pass
			50	22.10	0.30	22.40	<=33.01	Pass
		100	0	22.12	0.30	22.42	<=33.01	Pass
	1880	1	0	22.55	0.30	22.85	<=33.01	Pass
			50	22.64	0.30	22.94	<=33.01	Pass
			99	22.43	0.30	22.73	<=33.01	Pass
		50	0	22.00	0.30	22.30	<=33.01	Pass
			25	22.05	0.30	22.35	<=33.01	Pass
			50	22.06	0.30	22.36	<=33.01	Pass
		100	0	22.05	0.30	22.35	<=33.01	Pass
	1900	1	0	22.35	0.30	22.65	<=33.01	Pass
			50	22.49	0.30	22.79	<=33.01	Pass
			99	22.46	0.30	22.76	<=33.01	Pass
		50	0	22.05	0.30	22.35	<=33.01	Pass
			25	22.01	0.30	22.31	<=33.01	Pass
			50	22.24	0.30	22.54	<=33.01	Pass
		100	0	22.15	0.30	22.45	<=33.01	Pass
16QAM	1860	1	0	21.62	0.30	21.92	<=33.01	Pass
			50	21.73	0.30	22.03	<=33.01	Pass
			99	21.59	0.30	21.89	<=33.01	Pass
		50	0	21.09	0.30	21.39	<=33.01	Pass
			25	21.16	0.30	21.46	<=33.01	Pass
			50	21.07	0.30	21.37	<=33.01	Pass
		100	0	21.09	0.30	21.39	<=33.01	Pass
	1880	1	0	21.38	0.30	21.68	<=33.01	Pass
			50	21.46	0.30	21.76	<=33.01	Pass
			99	21.26	0.30	21.56	<=33.01	Pass
		50	0	20.98	0.30	21.28	<=33.01	Pass
			25	21.01	0.30	21.31	<=33.01	Pass
			50	21.01	0.30	21.31	<=33.01	Pass
		100	0	21.04	0.30	21.34	<=33.01	Pass
	1900	1	0	21.77	0.30	22.07	<=33.01	Pass
			50	21.89	0.30	22.19	<=33.01	Pass
			99	21.90	0.30	22.20	<=33.01	Pass
		50	0	21.05	0.30	21.35	<=33.01	Pass
			25	21.00	0.30	21.30	<=33.01	Pass
			50	21.18	0.30	21.48	<=33.01	Pass
		100	0	21.12	0.30	21.42	<=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	10.786	0.0058	-2.5 to 2.5	Pass
					3.87	-3.948	-0.0021	-2.5 to 2.5	Pass
					4.45	8.397	0.0045	-2.5 to 2.5	Pass
				-30	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	2.689	0.0015	-2.5 to 2.5	Pass
				-10	3.87	2.990	0.0016	-2.5 to 2.5	Pass
				0	3.87	7.939	0.0043	-2.5 to 2.5	Pass
				10	3.87	8.798	0.0048	-2.5 to 2.5	Pass
				30	3.87	-5.379	-0.0029	-2.5 to 2.5	Pass
				40	3.87	-0.944	-0.0005	-2.5 to 2.5	Pass
				50	3.87	4.764	0.0026	-2.5 to 2.5	Pass
	1880	6	0	20	3.29	1.087	0.0006	-2.5 to 2.5	Pass
					3.87	3.405	0.0018	-2.5 to 2.5	Pass
					4.45	3.090	0.0016	-2.5 to 2.5	Pass
				-30	3.87	-7.367	-0.0039	-2.5 to 2.5	Pass
				-20	3.87	9.727	0.0052	-2.5 to 2.5	Pass
				-10	3.87	2.275	0.0012	-2.5 to 2.5	Pass
				0	3.87	13.590	0.0072	-2.5 to 2.5	Pass
				10	3.87	-3.319	-0.0018	-2.5 to 2.5	Pass
				30	3.87	4.506	0.0024	-2.5 to 2.5	Pass
				40	3.87	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.87	10.757	0.0057	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.29	-9.413	-0.0049	-2.5 to 2.5	Pass
					3.87	-3.033	-0.0016	-2.5 to 2.5	Pass
					4.45	-7.982	-0.0042	-2.5 to 2.5	Pass
				-30	3.87	-8.569	-0.0045	-2.5 to 2.5	Pass
				-20	3.87	-2.747	-0.0014	-2.5 to 2.5	Pass
				-10	3.87	-2.875	-0.0015	-2.5 to 2.5	Pass
				0	3.87	2.460	0.0013	-2.5 to 2.5	Pass
				10	3.87	0.701	0.0004	-2.5 to 2.5	Pass
				30	3.87	3.791	0.0020	-2.5 to 2.5	Pass
				40	3.87	3.262	0.0017	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.29	1.373	0.0007	-2.5 to 2.5	Pass
					3.87	4.392	0.0024	-2.5 to 2.5	Pass
					4.45	5.922	0.0032	-2.5 to 2.5	Pass
				-30	3.87	-0.687	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	0.844	0.0005	-2.5 to 2.5	Pass
				-10	3.87	3.533	0.0019	-2.5 to 2.5	Pass
				0	3.87	13.046	0.0070	-2.5 to 2.5	Pass
				10	3.87	-2.275	-0.0012	-2.5 to 2.5	Pass
				30	3.87	10.672	0.0058	-2.5 to 2.5	Pass
				40	3.87	8.483	0.0046	-2.5 to 2.5	Pass
				50	3.87	-5.479	-0.0030	-2.5 to 2.5	Pass
	1880	6	0	20	3.29	8.225	0.0044	-2.5 to 2.5	Pass
					3.87	4.635	0.0025	-2.5 to 2.5	Pass
					4.45	-4.578	-0.0024	-2.5 to 2.5	Pass
				-30	3.87	5.250	0.0028	-2.5 to 2.5	Pass
				-20	3.87	7.181	0.0038	-2.5 to 2.5	Pass
				-10	3.87	0.072	0.0000	-2.5 to 2.5	Pass

				0	3.87	9.856	0.0052	-2.5 to 2.5	Pass
				10	3.87	0.901	0.0005	-2.5 to 2.5	Pass
				30	3.87	-6.094	-0.0032	-2.5 to 2.5	Pass
				40	3.87	-0.587	-0.0003	-2.5 to 2.5	Pass
				50	3.87	9.241	0.0049	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.29	3.719	0.0019	-2.5 to 2.5	Pass
					3.87	2.675	0.0014	-2.5 to 2.5	Pass
					4.45	2.961	0.0016	-2.5 to 2.5	Pass
				-30	3.87	-8.926	-0.0047	-2.5 to 2.5	Pass
				-20	3.87	0.086	0.0000	-2.5 to 2.5	Pass
				-10	3.87	8.898	0.0047	-2.5 to 2.5	Pass
				0	3.87	3.662	0.0019	-2.5 to 2.5	Pass
				10	3.87	3.619	0.0019	-2.5 to 2.5	Pass
				30	3.87	8.183	0.0043	-2.5 to 2.5	Pass
				40	3.87	5.808	0.0030	-2.5 to 2.5	Pass
				50	3.87	9.484	0.0050	-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	2.775	0.0015	-2.5 to 2.5	Pass
					3.87	4.678	0.0025	-2.5 to 2.5	Pass
					4.45	0.787	0.0004	-2.5 to 2.5	Pass
				-30	3.87	12.674	0.0068	-2.5 to 2.5	Pass
				-20	3.87	3.533	0.0019	-2.5 to 2.5	Pass
				-10	3.87	5.479	0.0030	-2.5 to 2.5	Pass
				0	3.87	5.922	0.0032	-2.5 to 2.5	Pass
				10	3.87	4.950	0.0027	-2.5 to 2.5	Pass
				30	3.87	4.849	0.0026	-2.5 to 2.5	Pass
				40	3.87	4.435	0.0024	-2.5 to 2.5	Pass
				50	3.87	-1.473	-0.0008	-2.5 to 2.5	Pass
	1880	15	0	20	3.29	-1.674	-0.0009	-2.5 to 2.5	Pass
					3.87	-4.520	-0.0024	-2.5 to 2.5	Pass
					4.45	7.124	0.0038	-2.5 to 2.5	Pass
				-30	3.87	1.302	0.0007	-2.5 to 2.5	Pass
				-20	3.87	-2.046	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	-1.359	-0.0007	-2.5 to 2.5	Pass
				0	3.87	5.679	0.0030	-2.5 to 2.5	Pass
				10	3.87	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.87	-3.591	-0.0019	-2.5 to 2.5	Pass
				40	3.87	5.050	0.0027	-2.5 to 2.5	Pass
				50	3.87	8.211	0.0044	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.29	-4.950	-0.0026	-2.5 to 2.5	Pass
					3.87	-3.462	-0.0018	-2.5 to 2.5	Pass
					4.45	4.063	0.0021	-2.5 to 2.5	Pass
				-30	3.87	1.559	0.0008	-2.5 to 2.5	Pass
				-20	3.87	-1.802	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	-0.343	-0.0002	-2.5 to 2.5	Pass
				0	3.87	4.592	0.0024	-2.5 to 2.5	Pass
				10	3.87	-4.363	-0.0023	-2.5 to 2.5	Pass
				30	3.87	-3.061	-0.0016	-2.5 to 2.5	Pass
				40	3.87	9.842	0.0052	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.29	12.131	0.0066	-2.5 to 2.5	Pass
					3.87	4.606	0.0025	-2.5 to 2.5	Pass
					4.45	2.618	0.0014	-2.5 to 2.5	Pass
				-30	3.87	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	6.795	0.0037	-2.5 to 2.5	Pass
				-10	3.87	5.894	0.0032	-2.5 to 2.5	Pass
				0	3.87	9.098	0.0049	-2.5 to 2.5	Pass
				10	3.87	5.794	0.0031	-2.5 to 2.5	Pass
				30	3.87	7.839	0.0042	-2.5 to 2.5	Pass
				40	3.87	3.533	0.0019	-2.5 to 2.5	Pass
				50	3.87	-3.033	-0.0016	-2.5 to 2.5	Pass
	1880	15	0	20	3.29	3.748	0.0020	-2.5 to 2.5	Pass
					3.87	6.280	0.0033	-2.5 to 2.5	Pass
					4.45	-1.545	-0.0008	-2.5 to 2.5	Pass
				-30	3.87	5.407	0.0029	-2.5 to 2.5	Pass
				-20	3.87	-2.332	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	6.366	0.0034	-2.5 to 2.5	Pass
				0	3.87	4.363	0.0023	-2.5 to 2.5	Pass
				10	3.87	9.398	0.0050	-2.5 to 2.5	Pass
				30	3.87	6.452	0.0034	-2.5 to 2.5	Pass
				40	3.87	-8.197	-0.0044	-2.5 to 2.5	Pass
				50	3.87	8.826	0.0047	-2.5 to 2.5	Pass

	1908.5	15	0	20	3.29	4.849	0.0025	-2.5 to 2.5	Pass
					3.87	-2.275	-0.0012	-2.5 to 2.5	Pass
					4.45	-1.302	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	6.924	0.0036	-2.5 to 2.5	Pass
				-20	3.87	-5.493	-0.0029	-2.5 to 2.5	Pass
				-10	3.87	-5.250	-0.0028	-2.5 to 2.5	Pass
				0	3.87	-0.072	0.0000	-2.5 to 2.5	Pass
				10	3.87	-3.333	-0.0017	-2.5 to 2.5	Pass
				30	3.87	-7.238	-0.0038	-2.5 to 2.5	Pass
				40	3.87	-5.078	-0.0027	-2.5 to 2.5	Pass
				50	3.87	5.336	0.0028	-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	-3.419	-0.0018	-2.5 to 2.5	Pass
					3.87	1.559	0.0008	-2.5 to 2.5	Pass
					4.45	7.124	0.0038	-2.5 to 2.5	Pass
				-30	3.87	1.516	0.0008	-2.5 to 2.5	Pass
				-20	3.87	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	1.101	0.0006	-2.5 to 2.5	Pass
				0	3.87	-2.117	-0.0011	-2.5 to 2.5	Pass
				10	3.87	9.513	0.0051	-2.5 to 2.5	Pass
				30	3.87	-3.505	-0.0019	-2.5 to 2.5	Pass
				40	3.87	-0.458	-0.0002	-2.5 to 2.5	Pass
				50	3.87	3.748	0.0020	-2.5 to 2.5	Pass
	1880	25	0	20	3.29	-0.186	-0.0001	-2.5 to 2.5	Pass
					3.87	6.394	0.0034	-2.5 to 2.5	Pass
					4.45	3.233	0.0017	-2.5 to 2.5	Pass
				-30	3.87	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	5.765	0.0031	-2.5 to 2.5	Pass
				-10	3.87	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.87	-2.203	-0.0012	-2.5 to 2.5	Pass
				10	3.87	-2.704	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-2.432	-0.0013	-2.5 to 2.5	Pass
				40	3.87	1.459	0.0008	-2.5 to 2.5	Pass
				50	3.87	7.496	0.0040	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.29	5.507	0.0029	-2.5 to 2.5	Pass
					3.87	-1.917	-0.0010	-2.5 to 2.5	Pass
					4.45	0.715	0.0004	-2.5 to 2.5	Pass
				-30	3.87	0.858	0.0004	-2.5 to 2.5	Pass
				-20	3.87	2.661	0.0014	-2.5 to 2.5	Pass
				-10	3.87	-5.164	-0.0027	-2.5 to 2.5	Pass
				0	3.87	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.87	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.87	1.988	0.0010	-2.5 to 2.5	Pass
				40	3.87	8.626	0.0045	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.29	2.961	0.0016	-2.5 to 2.5	Pass
					3.87	3.734	0.0020	-2.5 to 2.5	Pass
					4.45	5.407	0.0029	-2.5 to 2.5	Pass
				-30	3.87	1.760	0.0010	-2.5 to 2.5	Pass
				-20	3.87	8.869	0.0048	-2.5 to 2.5	Pass
				-10	3.87	-4.034	-0.0022	-2.5 to 2.5	Pass
				0	3.87	10.500	0.0057	-2.5 to 2.5	Pass
				10	3.87	4.849	0.0026	-2.5 to 2.5	Pass
				30	3.87	4.849	0.0026	-2.5 to 2.5	Pass
				40	3.87	-1.431	-0.0008	-2.5 to 2.5	Pass
				50	3.87	3.090	0.0017	-2.5 to 2.5	Pass
	1880	25	0	20	3.29	-1.473	-0.0008	-2.5 to 2.5	Pass
					3.87	-2.847	-0.0015	-2.5 to 2.5	Pass
					4.45	4.249	0.0023	-2.5 to 2.5	Pass
				-30	3.87	0.844	0.0004	-2.5 to 2.5	Pass
				-20	3.87	5.851	0.0031	-2.5 to 2.5	Pass
				-10	3.87	-3.090	-0.0016	-2.5 to 2.5	Pass
				0	3.87	5.236	0.0028	-2.5 to 2.5	Pass
				10	3.87	11.301	0.0060	-2.5 to 2.5	Pass
				30	3.87	11.301	0.0060	-2.5 to 2.5	Pass
				40	3.87	12.646	0.0067	-2.5 to 2.5	Pass
				50	3.87	2.203	0.0012	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.29	3.591	0.0019	-2.5 to 2.5	Pass
					3.87	-1.116	-0.0006	-2.5 to 2.5	Pass
					4.45	-1.888	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	6.895	0.0036	-2.5 to 2.5	Pass
				-20	3.87	-0.858	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-1.101	-0.0006	-2.5 to 2.5	Pass
				0	3.87	6.237	0.0033	-2.5 to 2.5	Pass
				10	3.87	5.407	0.0028	-2.5 to 2.5	Pass
				30	3.87	8.254	0.0043	-2.5 to 2.5	Pass
				40	3.87	-0.215	-0.0001	-2.5 to 2.5	Pass
				50	3.87	6.952	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	3.29	1.831	0.0010	-2.5 to 2.5	Pass
					3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.45	1.774	0.0010	-2.5 to 2.5	Pass
				-30	3.87	-1.903	-0.0010	-2.5 to 2.5	Pass
				-20	3.87	4.320	0.0023	-2.5 to 2.5	Pass
				-10	3.87	3.462	0.0019	-2.5 to 2.5	Pass
				0	3.87	-3.405	-0.0018	-2.5 to 2.5	Pass
				10	3.87	2.031	0.0011	-2.5 to 2.5	Pass
				30	3.87	3.519	0.0019	-2.5 to 2.5	Pass
				40	3.87	2.332	0.0013	-2.5 to 2.5	Pass
				50	3.87	0.844	0.0005	-2.5 to 2.5	Pass
	1880	50	0	20	3.29	1.359	0.0007	-2.5 to 2.5	Pass
					3.87	2.389	0.0013	-2.5 to 2.5	Pass
					4.45	0.544	0.0003	-2.5 to 2.5	Pass
				-30	3.87	3.090	0.0016	-2.5 to 2.5	Pass
				-20	3.87	6.094	0.0032	-2.5 to 2.5	Pass
				-10	3.87	5.808	0.0031	-2.5 to 2.5	Pass
				0	3.87	3.047	0.0016	-2.5 to 2.5	Pass
				10	3.87	3.133	0.0017	-2.5 to 2.5	Pass
				30	3.87	5.021	0.0027	-2.5 to 2.5	Pass
				40	3.87	6.223	0.0033	-2.5 to 2.5	Pass
				50	3.87	4.706	0.0025	-2.5 to 2.5	Pass
	1905	50	0	20	3.29	2.174	0.0011	-2.5 to 2.5	Pass
					3.87	3.018	0.0016	-2.5 to 2.5	Pass
					4.45	9.613	0.0050	-2.5 to 2.5	Pass
				-30	3.87	4.377	0.0023	-2.5 to 2.5	Pass
				-20	3.87	2.632	0.0014	-2.5 to 2.5	Pass
				-10	3.87	3.233	0.0017	-2.5 to 2.5	Pass
				0	3.87	6.022	0.0032	-2.5 to 2.5	Pass
				10	3.87	4.520	0.0024	-2.5 to 2.5	Pass
				30	3.87	6.008	0.0032	-2.5 to 2.5	Pass
				40	3.87	2.990	0.0016	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.29	-0.429	-0.0002	-2.5 to 2.5	Pass
					3.87	1.774	0.0010	-2.5 to 2.5	Pass
					4.45	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	-2.646	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-1.945	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-2.961	-0.0016	-2.5 to 2.5	Pass
				0	3.87	0.958	0.0005	-2.5 to 2.5	Pass
				10	3.87	0.687	0.0004	-2.5 to 2.5	Pass
				30	3.87	2.975	0.0016	-2.5 to 2.5	Pass
				40	3.87	5.794	0.0031	-2.5 to 2.5	Pass
				50	3.87	0.157	0.0001	-2.5 to 2.5	Pass
	1880	50	0	20	3.29	3.233	0.0017	-2.5 to 2.5	Pass
					3.87	1.302	0.0007	-2.5 to 2.5	Pass
					4.45	0.386	0.0002	-2.5 to 2.5	Pass
				-30	3.87	4.420	0.0024	-2.5 to 2.5	Pass
				-20	3.87	1.888	0.0010	-2.5 to 2.5	Pass
				-10	3.87	3.319	0.0018	-2.5 to 2.5	Pass
				0	3.87	3.533	0.0019	-2.5 to 2.5	Pass
				10	3.87	1.731	0.0009	-2.5 to 2.5	Pass
				30	3.87	-1.702	-0.0009	-2.5 to 2.5	Pass
				40	3.87	1.974	0.0011	-2.5 to 2.5	Pass
				50	3.87	2.446	0.0013	-2.5 to 2.5	Pass

	1905	50	0	20	3.29	5.178	0.0027	-2.5 to 2.5	Pass
					3.87	4.821	0.0025	-2.5 to 2.5	Pass
					4.45	0.515	0.0003	-2.5 to 2.5	Pass
				-30	3.87	1.202	0.0006	-2.5 to 2.5	Pass
				-20	3.87	2.618	0.0014	-2.5 to 2.5	Pass
				-10	3.87	0.758	0.0004	-2.5 to 2.5	Pass
				0	3.87	7.882	0.0041	-2.5 to 2.5	Pass
				10	3.87	6.094	0.0032	-2.5 to 2.5	Pass
				30	3.87	2.589	0.0014	-2.5 to 2.5	Pass
				40	3.87	6.924	0.0036	-2.5 to 2.5	Pass
				50	3.87	1.030	0.0005	-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	-2.203	-0.0012	-2.5 to 2.5	Pass
					3.87	0.772	0.0004	-2.5 to 2.5	Pass
					4.45	-2.747	-0.0015	-2.5 to 2.5	Pass
				-30	3.87	-4.492	-0.0024	-2.5 to 2.5	Pass
				-20	3.87	0.801	0.0004	-2.5 to 2.5	Pass
				-10	3.87	-0.887	-0.0005	-2.5 to 2.5	Pass
				0	3.87	-5.450	-0.0029	-2.5 to 2.5	Pass
				10	3.87	-2.160	-0.0012	-2.5 to 2.5	Pass
				30	3.87	-2.275	-0.0012	-2.5 to 2.5	Pass
				40	3.87	-1.431	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-4.048	-0.0022	-2.5 to 2.5	Pass
	1880	75	0	20	3.29	3.033	0.0016	-2.5 to 2.5	Pass
					3.87	-0.787	-0.0004	-2.5 to 2.5	Pass
					4.45	-1.874	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-1.259	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-2.317	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	1.187	0.0006	-2.5 to 2.5	Pass
				0	3.87	1.345	0.0007	-2.5 to 2.5	Pass
				10	3.87	-0.458	-0.0002	-2.5 to 2.5	Pass
				30	3.87	1.774	0.0009	-2.5 to 2.5	Pass
				40	3.87	-1.631	-0.0009	-2.5 to 2.5	Pass
				50	3.87	2.446	0.0013	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.29	1.645	0.0009	-2.5 to 2.5	Pass
					3.87	0.715	0.0004	-2.5 to 2.5	Pass
					4.45	1.831	0.0010	-2.5 to 2.5	Pass
				-30	3.87	3.333	0.0018	-2.5 to 2.5	Pass
				-20	3.87	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.87	1.988	0.0010	-2.5 to 2.5	Pass
				0	3.87	4.306	0.0023	-2.5 to 2.5	Pass
				10	3.87	-1.802	-0.0009	-2.5 to 2.5	Pass
				30	3.87	2.532	0.0013	-2.5 to 2.5	Pass
				40	3.87	-3.662	-0.0019	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.29	-1.431	-0.0008	-2.5 to 2.5	Pass
					3.87	-2.847	-0.0015	-2.5 to 2.5	Pass
					4.45	-1.488	-0.0008	-2.5 to 2.5	Pass
				-30	3.87	0.558	0.0003	-2.5 to 2.5	Pass
				-20	3.87	-4.106	-0.0022	-2.5 to 2.5	Pass
				-10	3.87	-3.948	-0.0021	-2.5 to 2.5	Pass
				0	3.87	-2.789	-0.0015	-2.5 to 2.5	Pass
				10	3.87	-2.646	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-3.133	-0.0017	-2.5 to 2.5	Pass
				40	3.87	-2.732	-0.0015	-2.5 to 2.5	Pass
				50	3.87	-3.948	-0.0021	-2.5 to 2.5	Pass
	1880	75	0	20	3.29	2.832	0.0015	-2.5 to 2.5	Pass
					3.87	0.472	0.0003	-2.5 to 2.5	Pass
					4.45	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.87	1.760	0.0009	-2.5 to 2.5	Pass
				-20	3.87	-3.262	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	-3.505	-0.0019	-2.5 to 2.5	Pass
				0	3.87	-1.373	-0.0007	-2.5 to 2.5	Pass
				10	3.87	0.429	0.0002	-2.5 to 2.5	Pass
				30	3.87	-0.544	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-1.488	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-1.731	-0.0009	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.29	-1.531	-0.0008	-2.5 to 2.5	Pass
					3.87	-0.615	-0.0003	-2.5 to 2.5	Pass
					4.45	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.87	-2.460	-0.0013	-2.5 to 2.5	Pass
				-20	3.87	-2.446	-0.0013	-2.5 to 2.5	Pass
				-10	3.87	-2.947	-0.0015	-2.5 to 2.5	Pass
				0	3.87	-0.286	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-1.130	-0.0006	-2.5 to 2.5	Pass
				30	3.87	4.792	0.0025	-2.5 to 2.5	Pass
				40	3.87	3.662	0.0019	-2.5 to 2.5	Pass
				50	3.87	1.531	0.0008	-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	1.416	0.0008	-2.5 to 2.5	Pass
					3.87	-0.830	-0.0004	-2.5 to 2.5	Pass
					4.45	-2.503	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	-4.277	-0.0023	-2.5 to 2.5	Pass
				-20	3.87	-2.403	-0.0013	-2.5 to 2.5	Pass
				-10	3.87	-3.076	-0.0017	-2.5 to 2.5	Pass
				0	3.87	-1.359	-0.0007	-2.5 to 2.5	Pass
				10	3.87	-3.719	-0.0020	-2.5 to 2.5	Pass
				30	3.87	-0.129	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-2.918	-0.0016	-2.5 to 2.5	Pass
				50	3.87	-3.090	-0.0017	-2.5 to 2.5	Pass
	1880	100	0	20	3.29	1.073	0.0006	-2.5 to 2.5	Pass
					3.87	4.807	0.0026	-2.5 to 2.5	Pass
					4.45	2.074	0.0011	-2.5 to 2.5	Pass
				-30	3.87	5.121	0.0027	-2.5 to 2.5	Pass
				-20	3.87	6.294	0.0033	-2.5 to 2.5	Pass
				-10	3.87	4.292	0.0023	-2.5 to 2.5	Pass
				0	3.87	0.243	0.0001	-2.5 to 2.5	Pass
				10	3.87	2.117	0.0011	-2.5 to 2.5	Pass
				30	3.87	0.730	0.0004	-2.5 to 2.5	Pass
				40	3.87	-0.014	0.0000	-2.5 to 2.5	Pass
				50	3.87	4.950	0.0026	-2.5 to 2.5	Pass
	1900	100	0	20	3.29	-2.189	-0.0012	-2.5 to 2.5	Pass
					3.87	-0.043	0.0000	-2.5 to 2.5	Pass
					4.45	0.644	0.0003	-2.5 to 2.5	Pass
				-30	3.87	-0.129	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-4.649	-0.0024	-2.5 to 2.5	Pass
				-10	3.87	0.243	0.0001	-2.5 to 2.5	Pass
				0	3.87	1.216	0.0006	-2.5 to 2.5	Pass
				10	3.87	0.229	0.0001	-2.5 to 2.5	Pass
				30	3.87	-2.275	-0.0012	-2.5 to 2.5	Pass
				40	3.87	1.488	0.0008	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.29	-2.346	-0.0013	-2.5 to 2.5	Pass
					3.87	-5.364	-0.0029	-2.5 to 2.5	Pass
					4.45	-4.263	-0.0023	-2.5 to 2.5	Pass
				-30	3.87	-2.317	-0.0012	-2.5 to 2.5	Pass
				-20	3.87	-2.961	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	-4.506	-0.0024	-2.5 to 2.5	Pass
				0	3.87	0.887	0.0005	-2.5 to 2.5	Pass
				10	3.87	-1.216	-0.0007	-2.5 to 2.5	Pass
				30	3.87	-2.718	-0.0015	-2.5 to 2.5	Pass
				40	3.87	2.575	0.0014	-2.5 to 2.5	Pass
				50	3.87	1.459	0.0008	-2.5 to 2.5	Pass
	1880	100	0	20	3.29	3.076	0.0016	-2.5 to 2.5	Pass
					3.87	3.262	0.0017	-2.5 to 2.5	Pass
					4.45	3.233	0.0017	-2.5 to 2.5	Pass
				-30	3.87	2.604	0.0014	-2.5 to 2.5	Pass
				-20	3.87	-0.286	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	2.689	0.0014	-2.5 to 2.5	Pass
				0	3.87	2.003	0.0011	-2.5 to 2.5	Pass
				10	3.87	0.658	0.0004	-2.5 to 2.5	Pass
				30	3.87	0.629	0.0003	-2.5 to 2.5	Pass
				40	3.87	1.616	0.0009	-2.5 to 2.5	Pass
				50	3.87	3.934	0.0021	-2.5 to 2.5	Pass

	1900	100	0	20	3.29	0.887	0.0005	-2.5 to 2.5	Pass
					3.87	-0.958	-0.0005	-2.5 to 2.5	Pass
					4.45	-1.588	-0.0008	-2.5 to 2.5	Pass
				-30	3.87	-2.604	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-2.632	-0.0014	-2.5 to 2.5	Pass
				-10	3.87	-3.176	-0.0017	-2.5 to 2.5	Pass
				0	3.87	-0.386	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-1.903	-0.0010	-2.5 to 2.5	Pass
				30	3.87	-1.287	-0.0007	-2.5 to 2.5	Pass
				40	3.87	-1.488	-0.0008	-2.5 to 2.5	Pass
				50	3.87	1.717	0.0009	-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

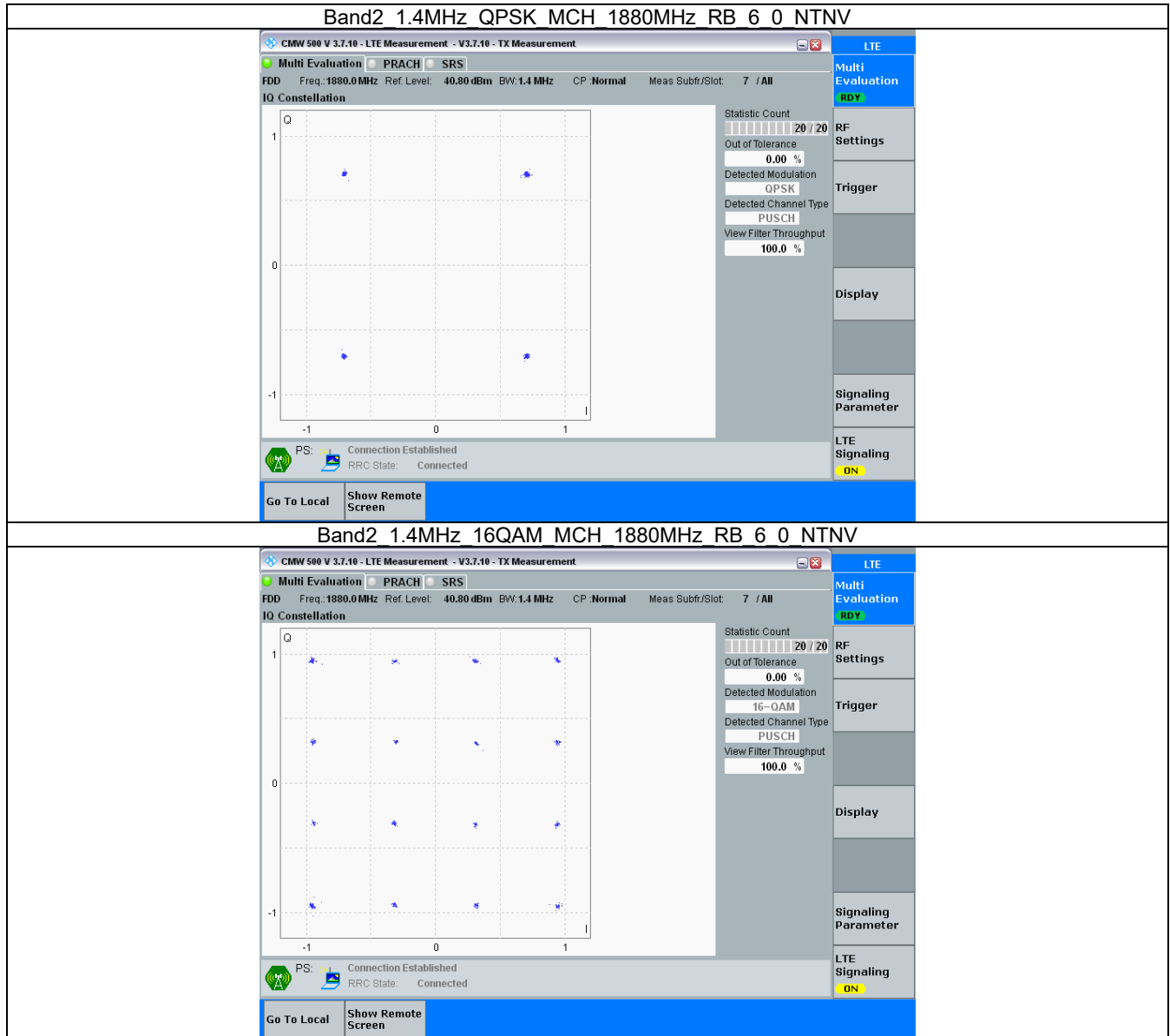
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

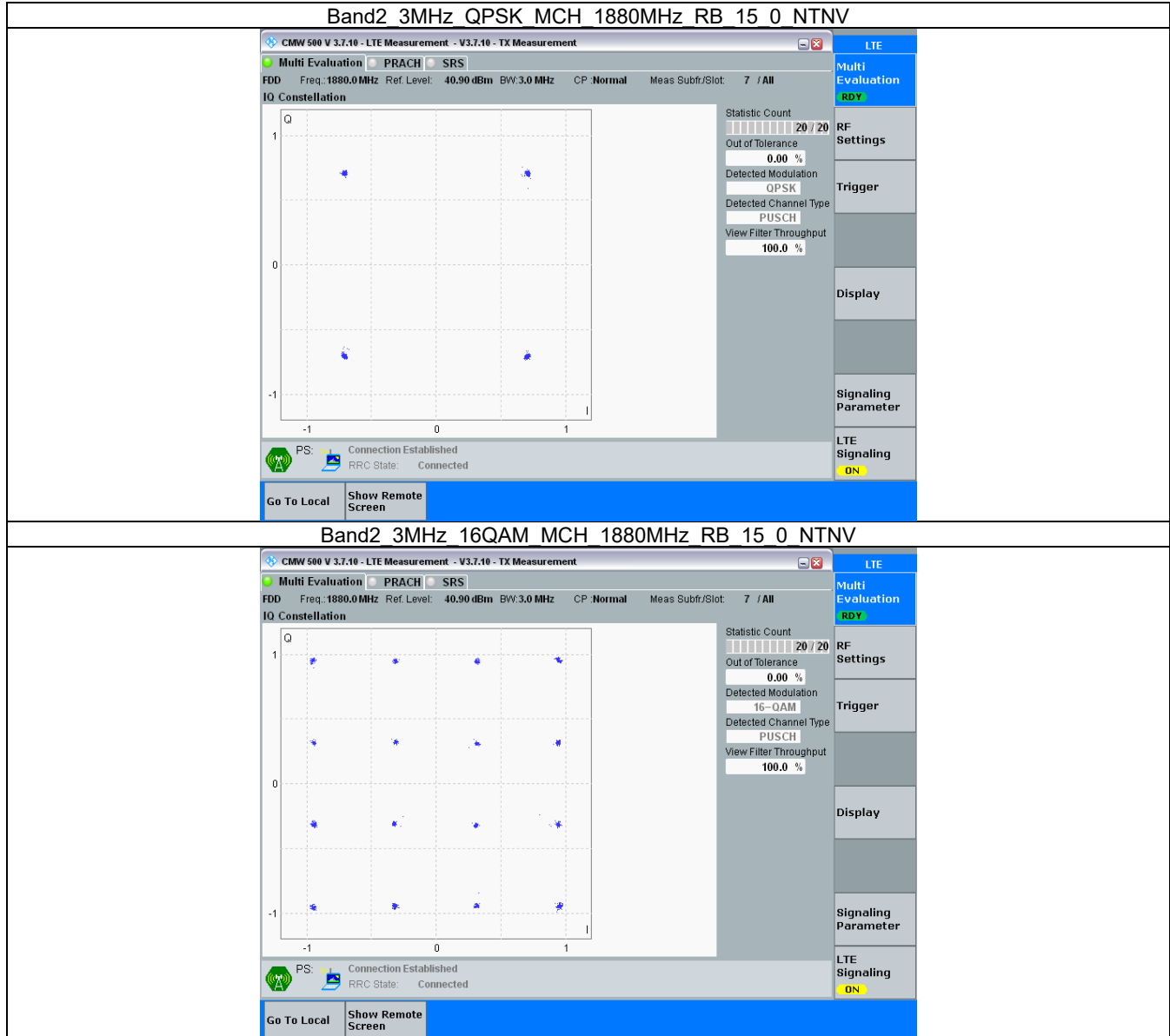
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

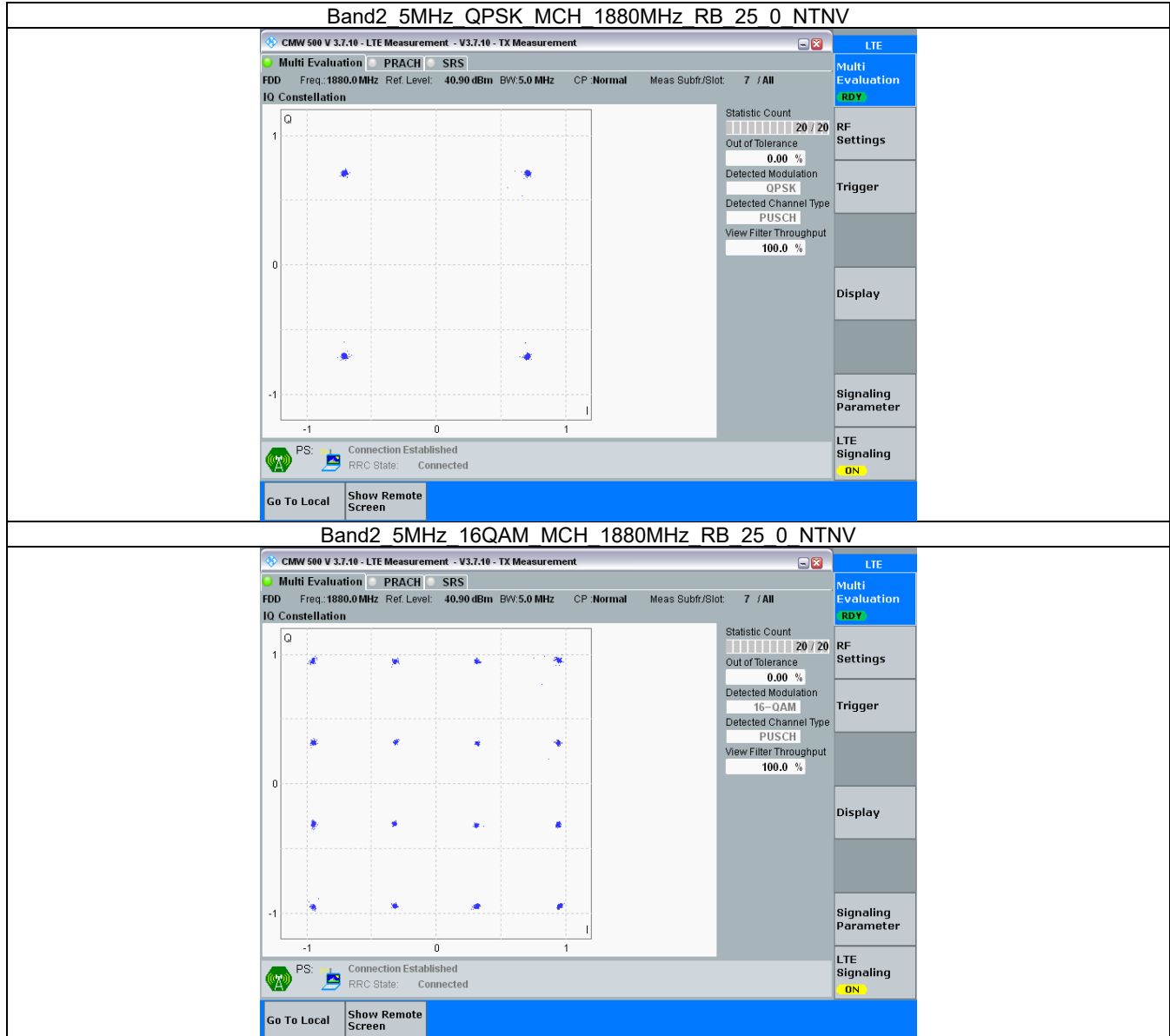
3.2.1 B2_1.4MHz



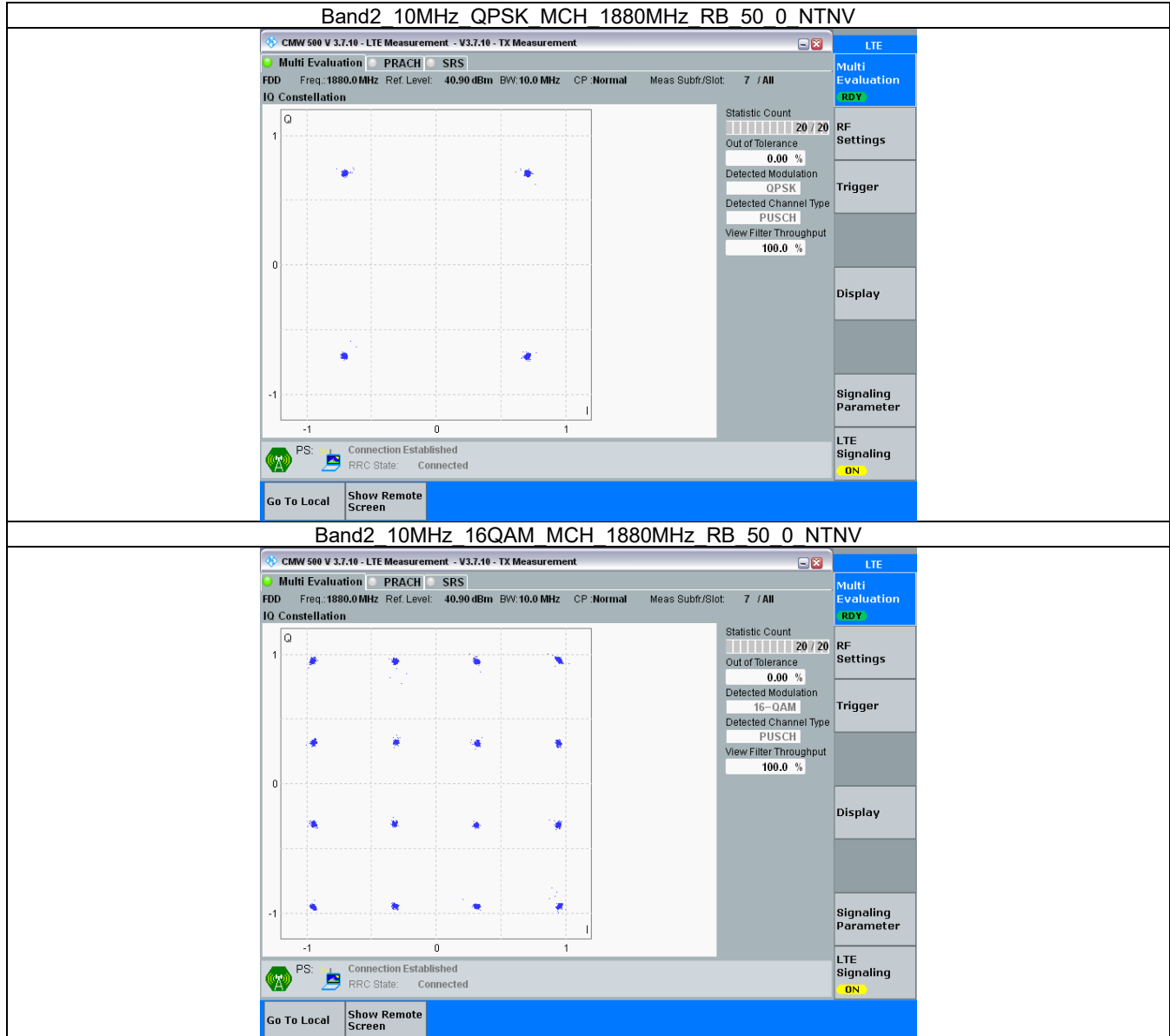
3.2.2 B2_3MHz



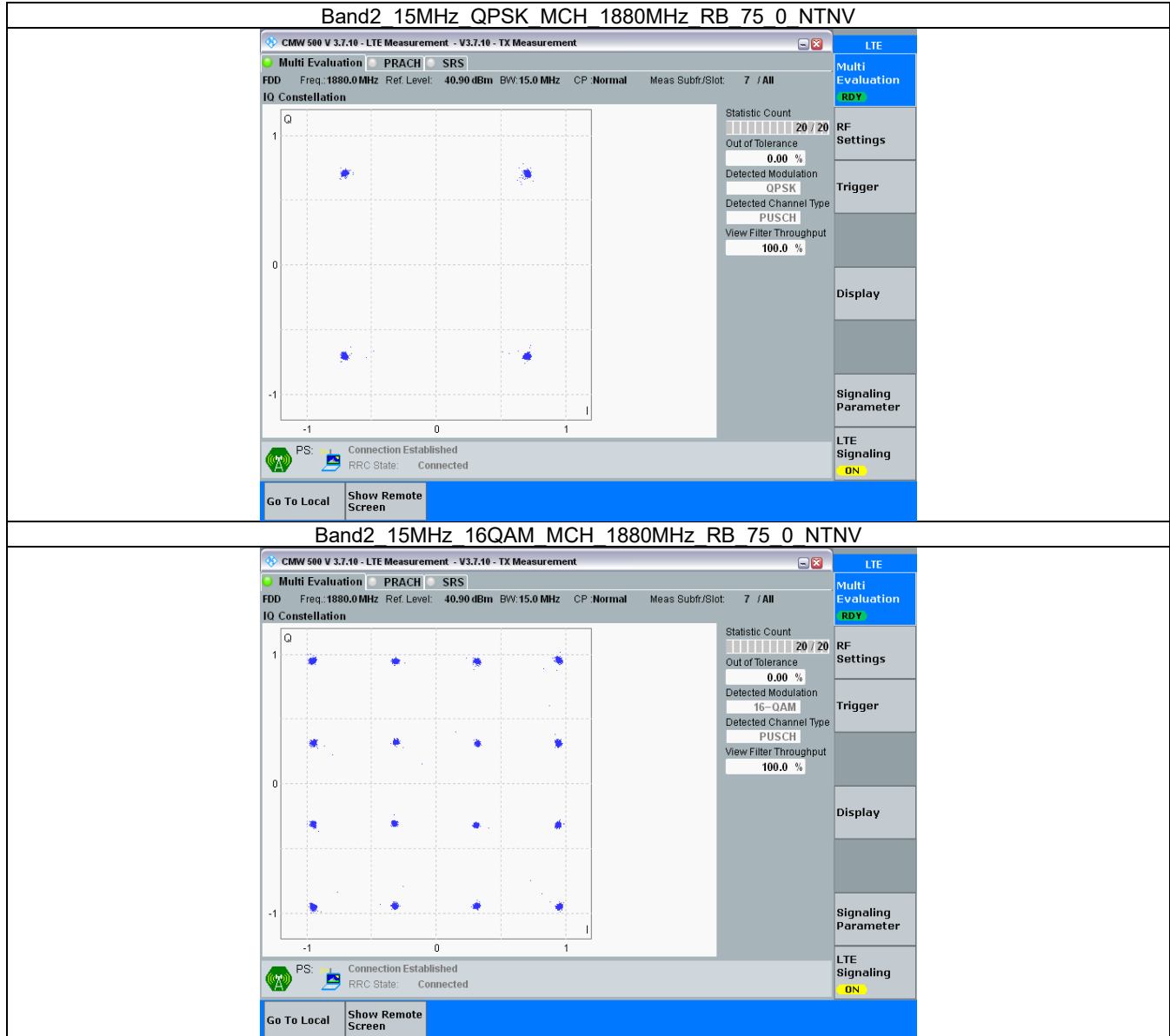
3.2.3 B2_5MHz



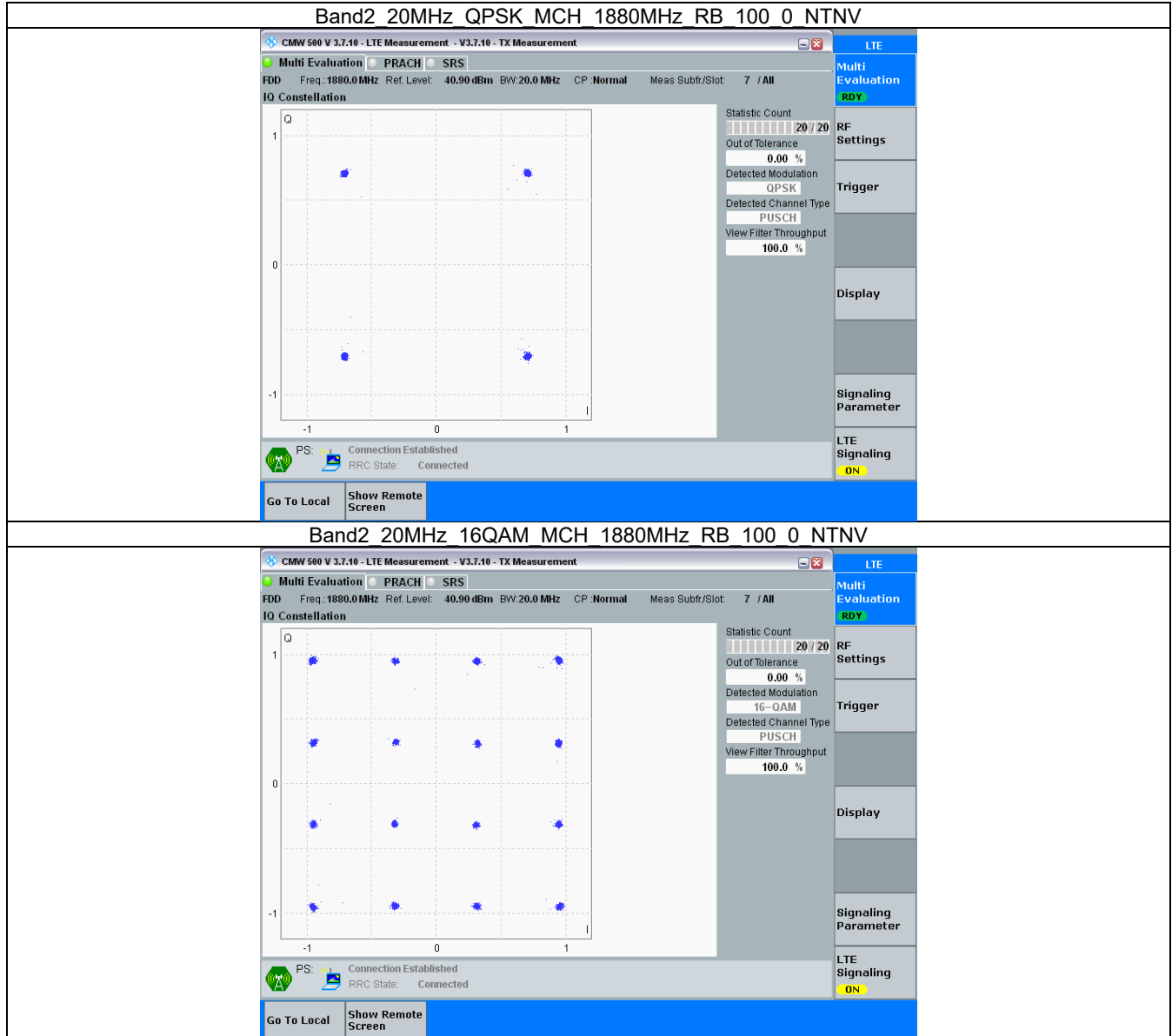
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

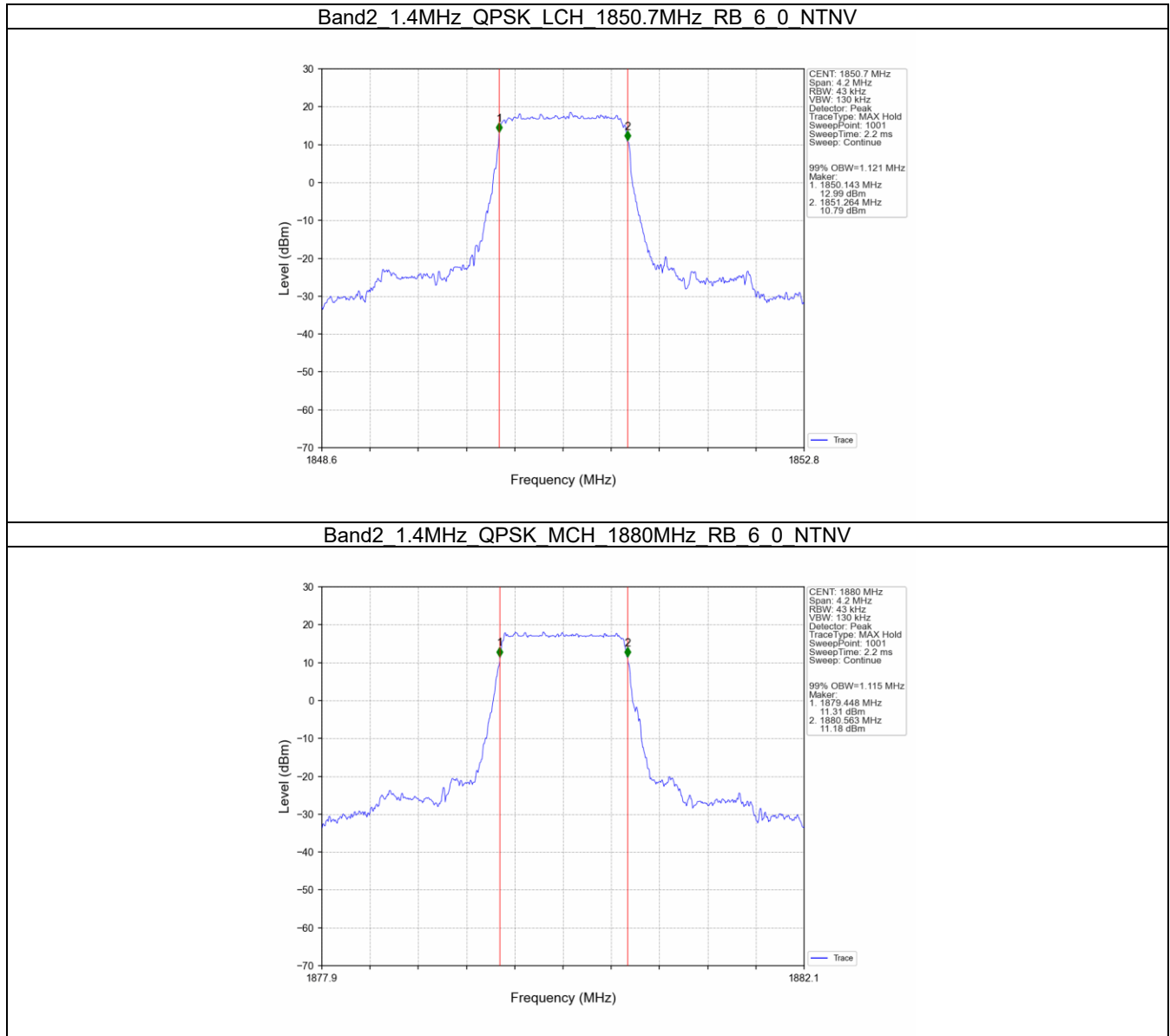
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.121	/	Pass
		1880	6	0	1.115	/	Pass
		1909.3	6	0	1.103	/	Pass
	16QAM	1850.7	6	0	1.112	/	Pass
		1880	6	0	1.108	/	Pass
		1909.3	6	0	1.118	/	Pass
3	QPSK	1851.5	15	0	2.738	/	Pass
		1880	15	0	2.735	/	Pass
		1908.5	15	0	2.730	/	Pass
	16QAM	1851.5	15	0	2.728	/	Pass
		1880	15	0	2.729	/	Pass
		1908.5	15	0	2.726	/	Pass
5	QPSK	1852.5	25	0	4.535	/	Pass
		1880	25	0	4.548	/	Pass
		1907.5	25	0	4.561	/	Pass
	16QAM	1852.5	25	0	4.532	/	Pass
		1880	25	0	4.550	/	Pass
		1907.5	25	0	4.528	/	Pass
10	QPSK	1855	50	0	9.066	/	Pass
		1880	50	0	9.054	/	Pass
		1905	50	0	9.059	/	Pass
	16QAM	1855	50	0	9.052	/	Pass
		1880	50	0	9.050	/	Pass
		1905	50	0	9.060	/	Pass
15	QPSK	1857.5	75	0	13.586	/	Pass
		1880	75	0	13.565	/	Pass
		1902.5	75	0	13.626	/	Pass
	16QAM	1857.5	75	0	13.589	/	Pass
		1880	75	0	13.590	/	Pass
		1902.5	75	0	13.621	/	Pass
20	QPSK	1860	100	0	18.072	/	Pass
		1880	100	0	18.092	/	Pass
		1900	100	0	18.177	/	Pass
	16QAM	1860	100	0	18.051	/	Pass
		1880	100	0	18.082	/	Pass
		1900	100	0	18.170	/	Pass

4.1.2 Band2_XDB

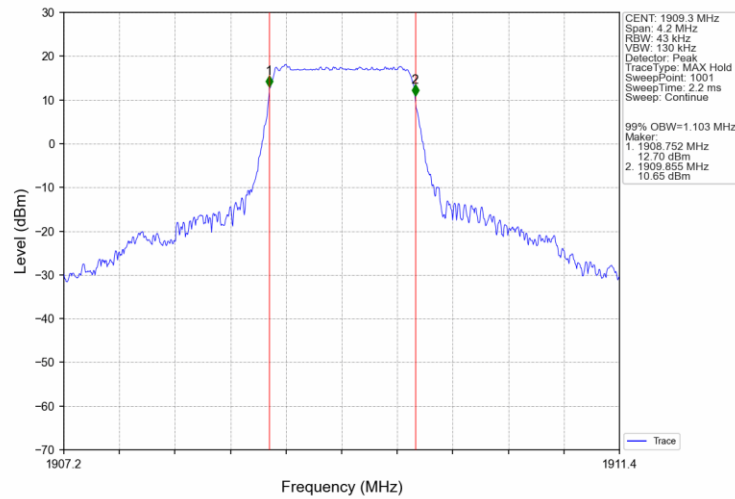
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.304	/	Pass
		1880	6	0	1.335	/	Pass
		1909.3	6	0	1.327	/	Pass
	16QAM	1850.7	6	0	1.337	/	Pass
		1880	6	0	1.306	/	Pass
		1909.3	6	0	1.341	/	Pass
3	QPSK	1851.5	15	0	3.019	/	Pass
		1880	15	0	3.021	/	Pass
		1908.5	15	0	3.013	/	Pass
	16QAM	1851.5	15	0	3.016	/	Pass
		1880	15	0	3.014	/	Pass
		1908.5	15	0	2.991	/	Pass
5	QPSK	1852.5	25	0	5.085	/	Pass
		1880	25	0	5.047	/	Pass
		1907.5	25	0	5.018	/	Pass
	16QAM	1852.5	25	0	5.084	/	Pass
		1880	25	0	5.055	/	Pass
		1907.5	25	0	5.053	/	Pass
10	QPSK	1855	50	0	9.941	/	Pass
		1880	50	0	9.989	/	Pass
		1905	50	0	10.001	/	Pass
	16QAM	1855	50	0	9.923	/	Pass
		1880	50	0	9.901	/	Pass
		1905	50	0	9.942	/	Pass
15	QPSK	1857.5	75	0	14.951	/	Pass
		1880	75	0	14.979	/	Pass
		1902.5	75	0	15.089	/	Pass
	16QAM	1857.5	75	0	14.910	/	Pass
		1880	75	0	14.913	/	Pass
		1902.5	75	0	14.971	/	Pass
20	QPSK	1860	100	0	19.982	/	Pass
		1880	100	0	19.706	/	Pass
		1900	100	0	19.726	/	Pass
	16QAM	1860	100	0	19.707	/	Pass
		1880	100	0	19.656	/	Pass
		1900	100	0	19.827	/	Pass

4.2 Test Graph

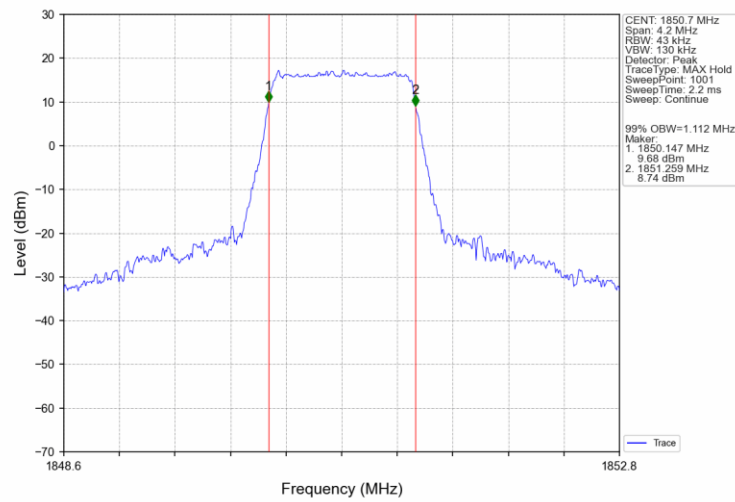
4.2.1 Band2_OBW



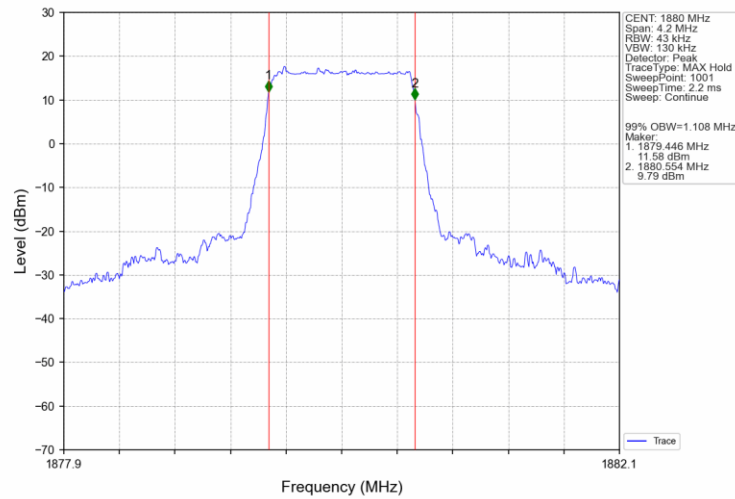
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



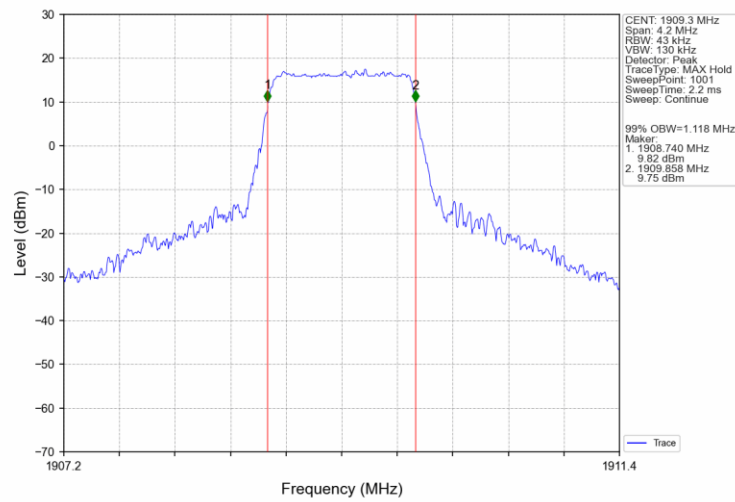
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



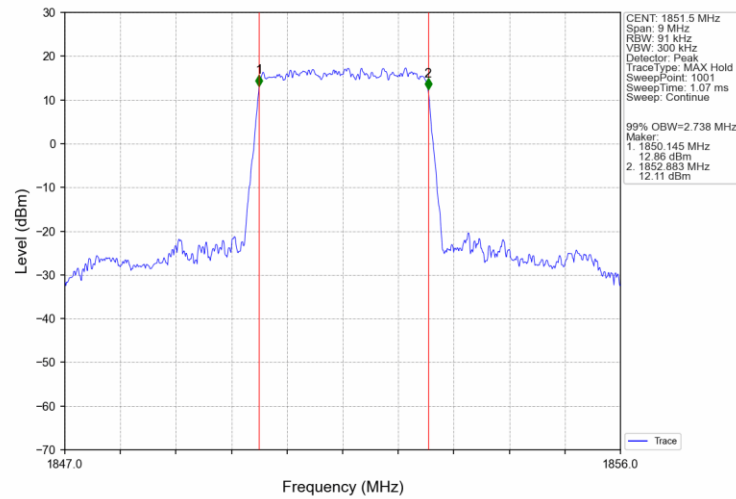
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



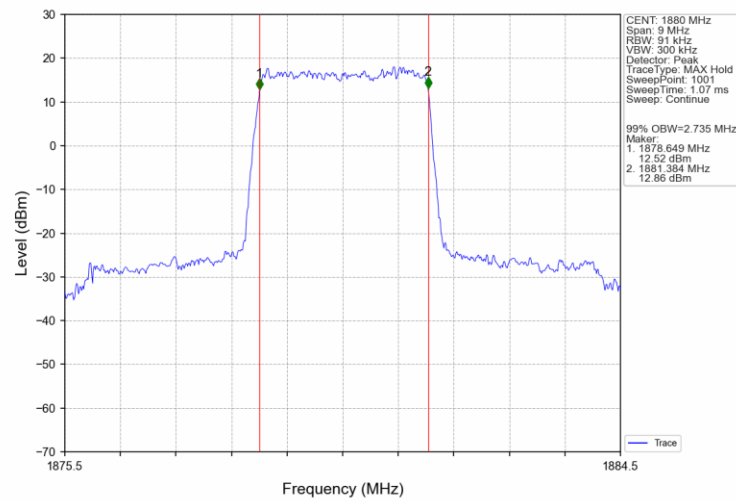
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



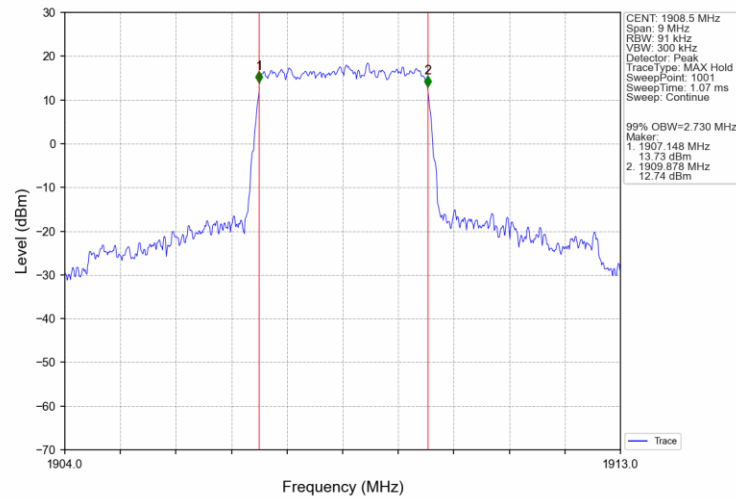
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



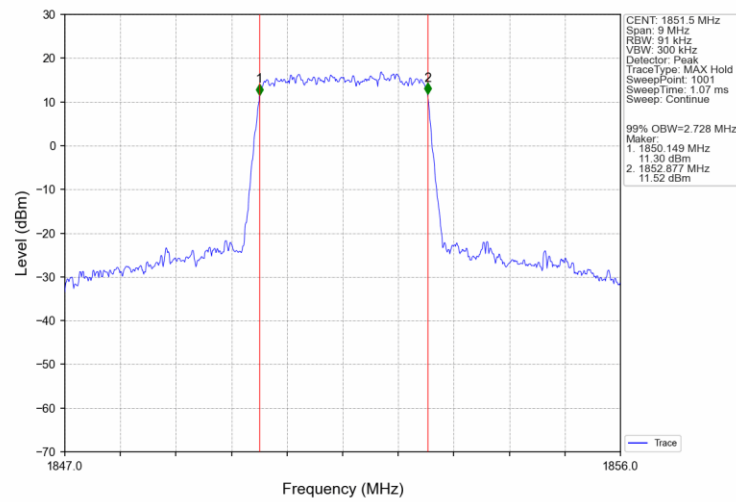
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



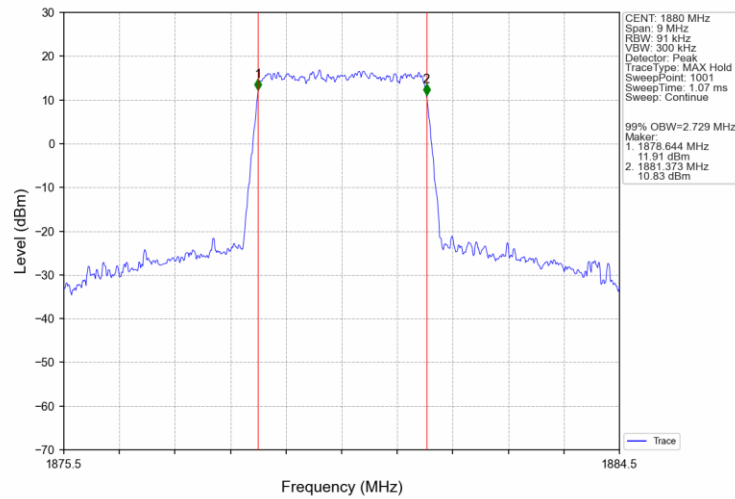
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



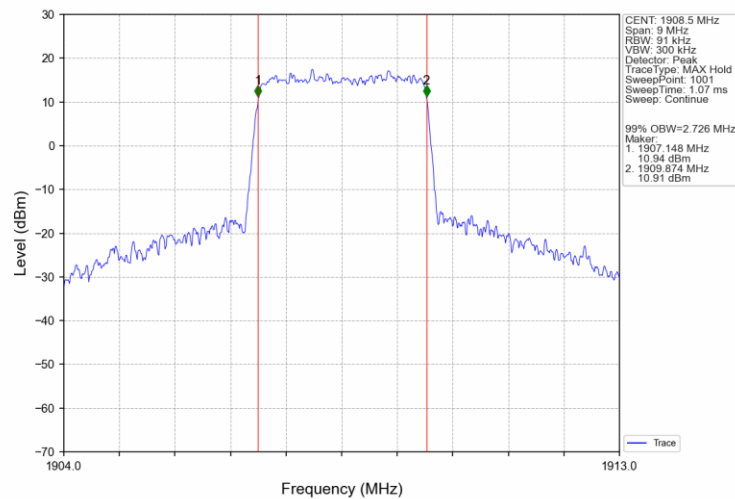
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



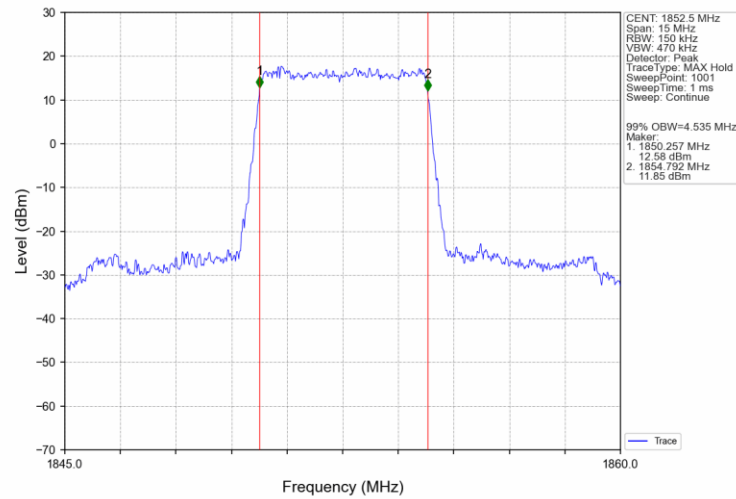
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



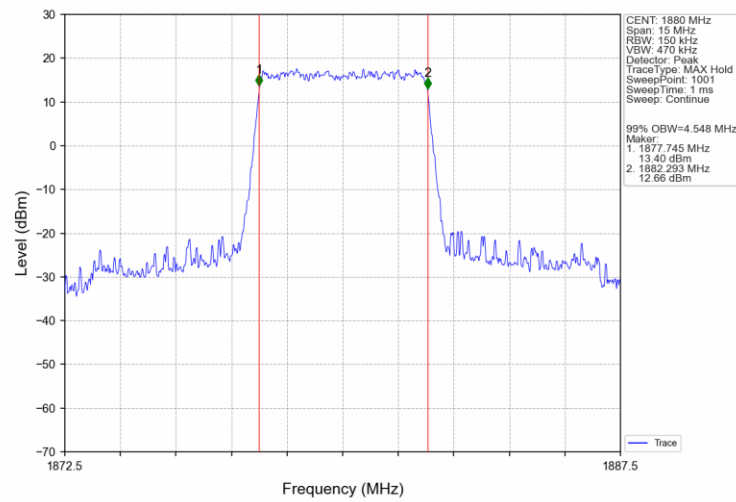
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



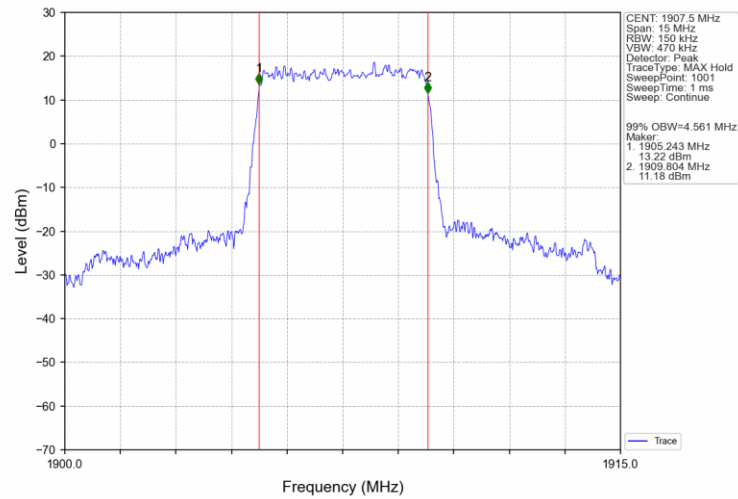
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



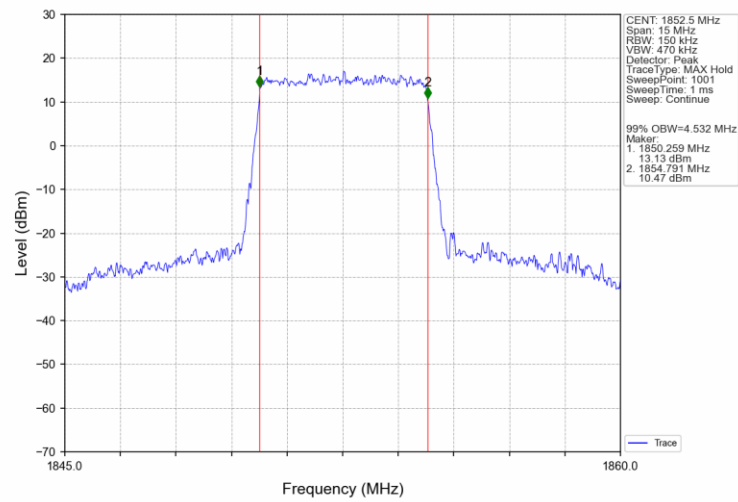
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



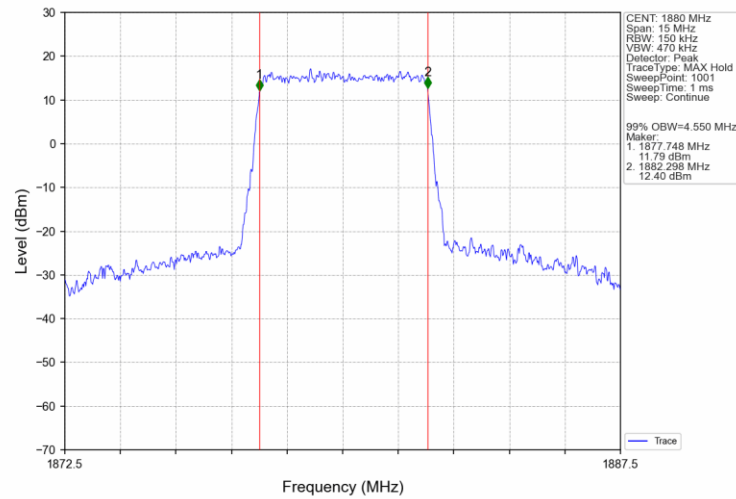
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



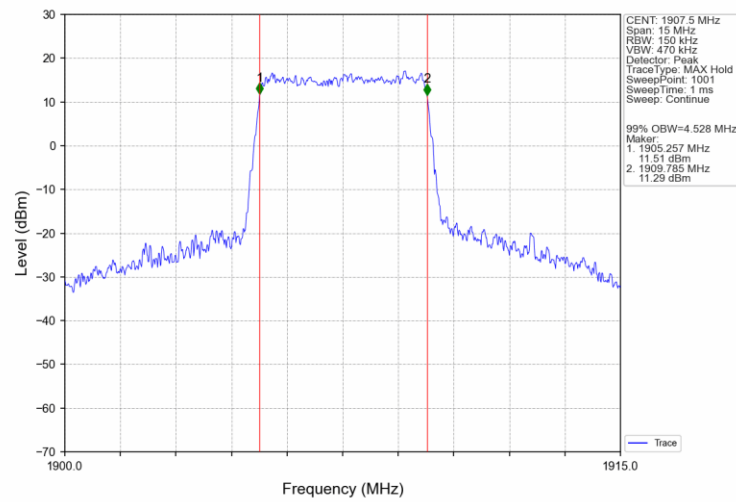
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



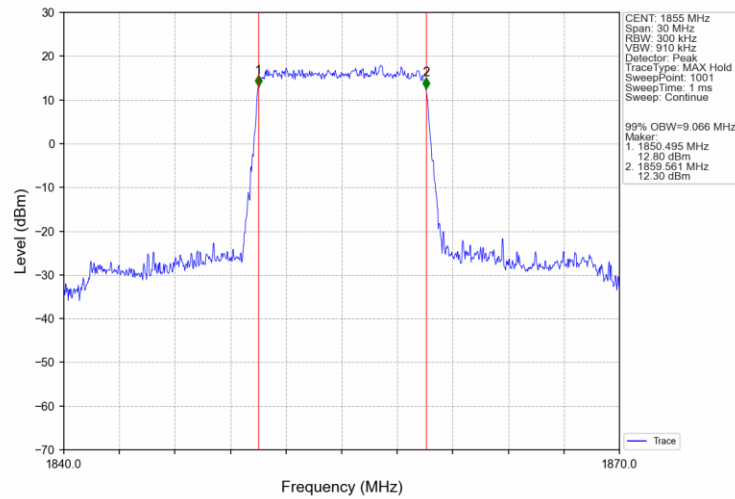
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



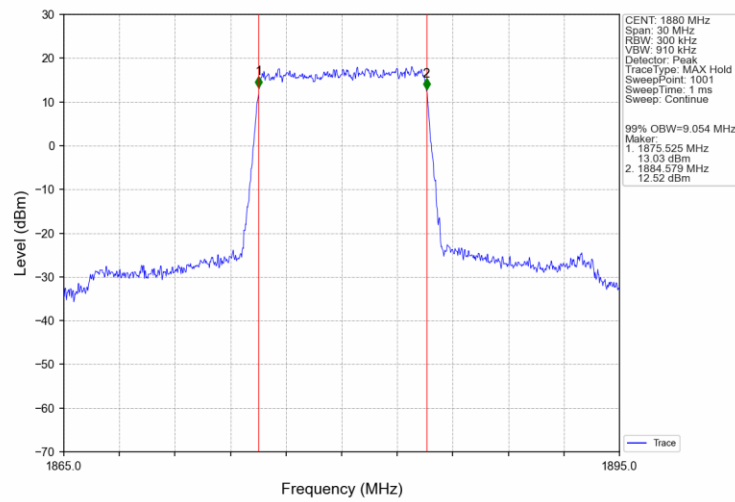
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



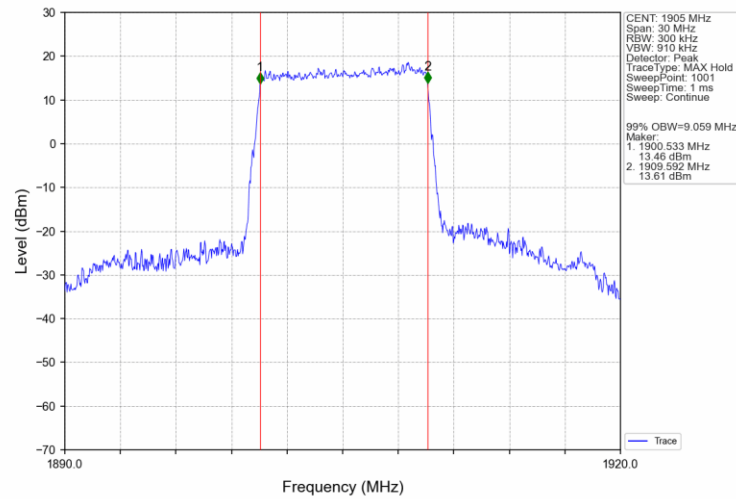
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



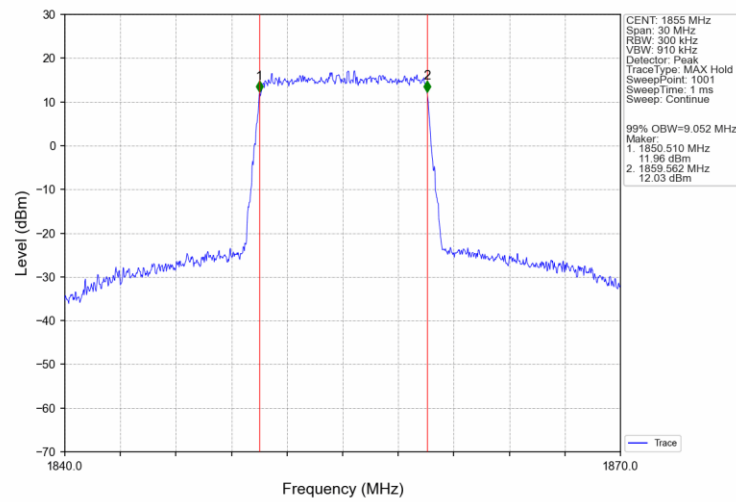
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



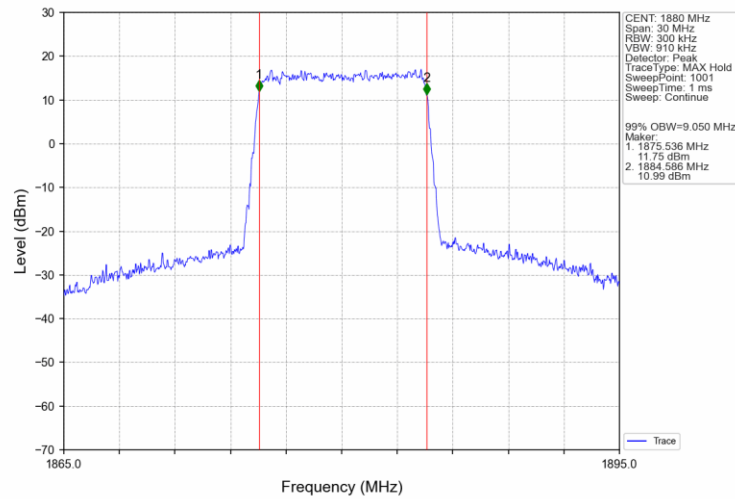
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



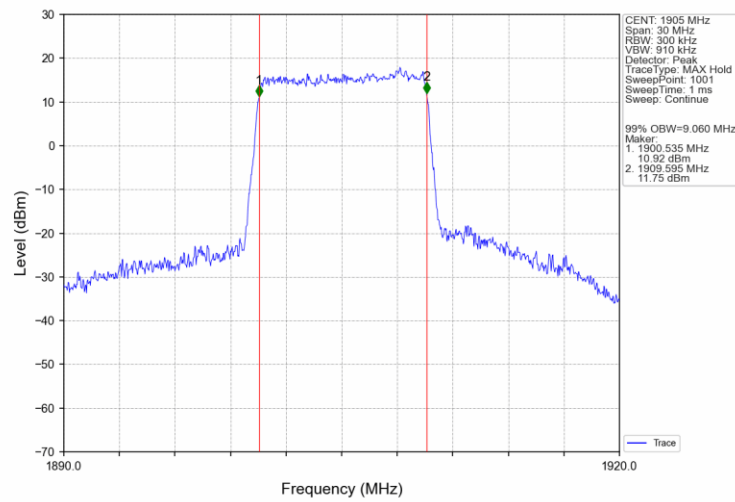
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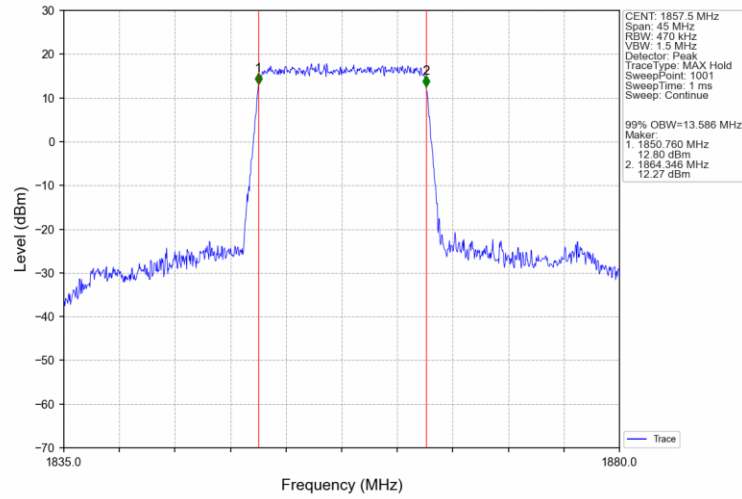
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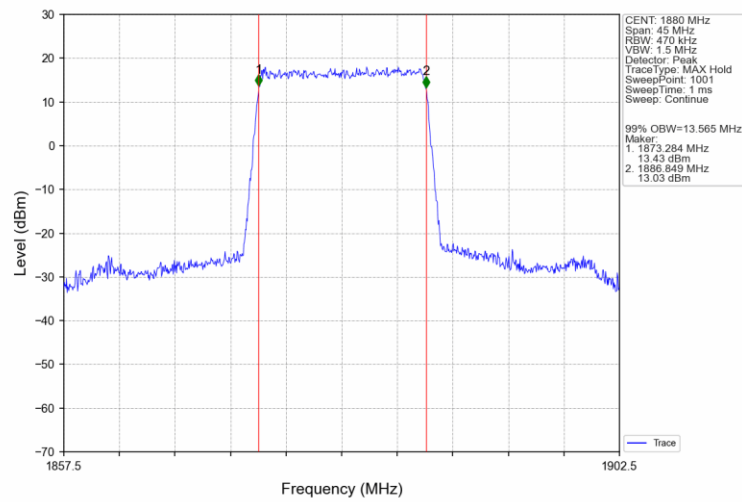
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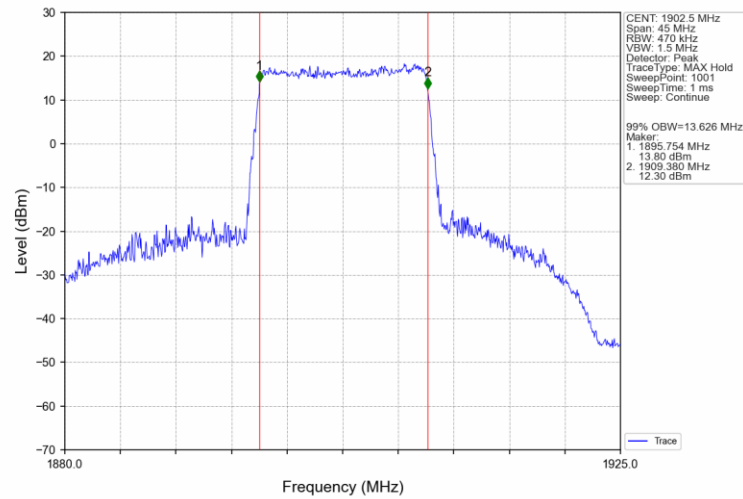
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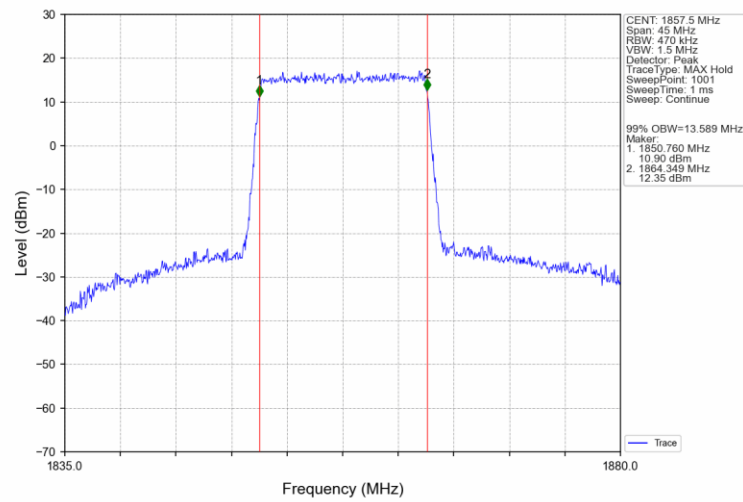
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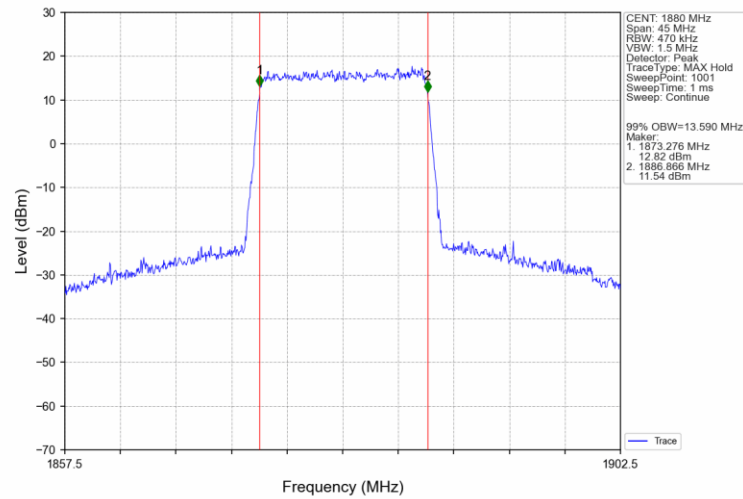
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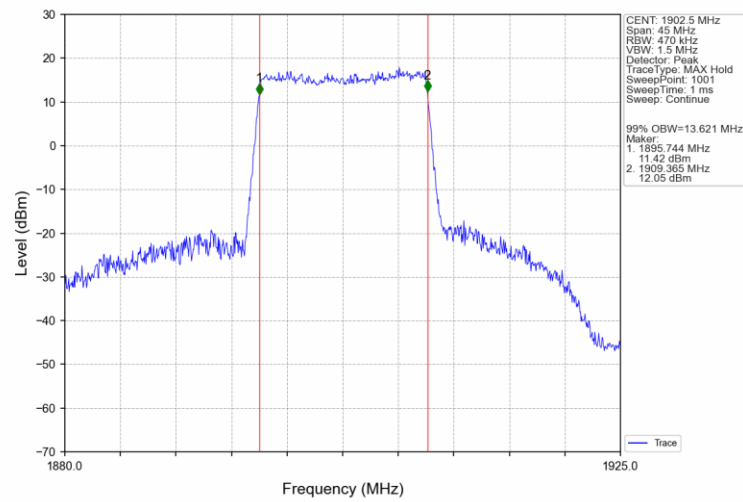
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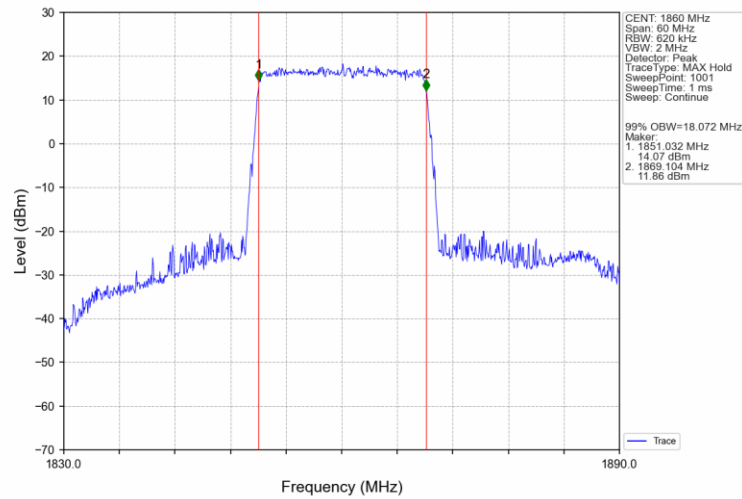
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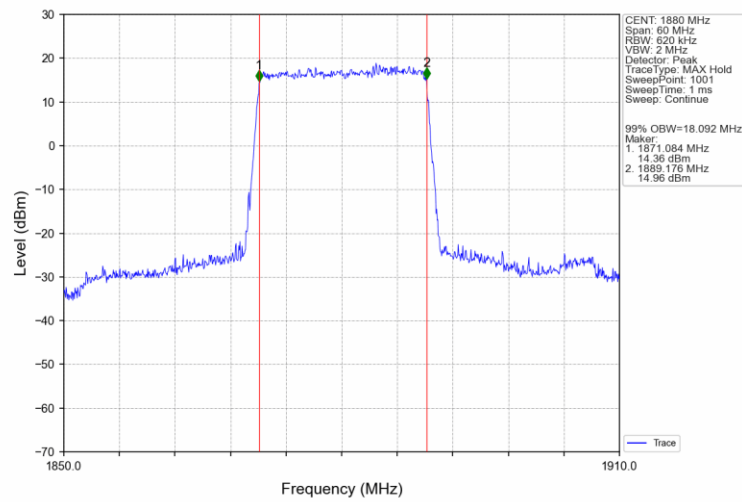
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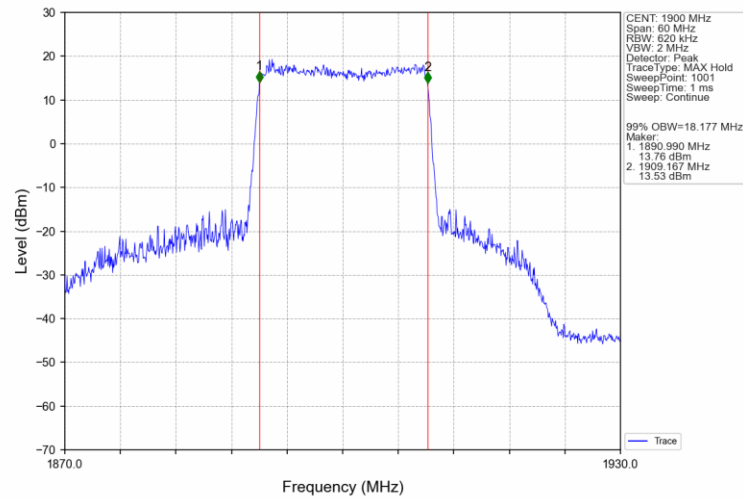
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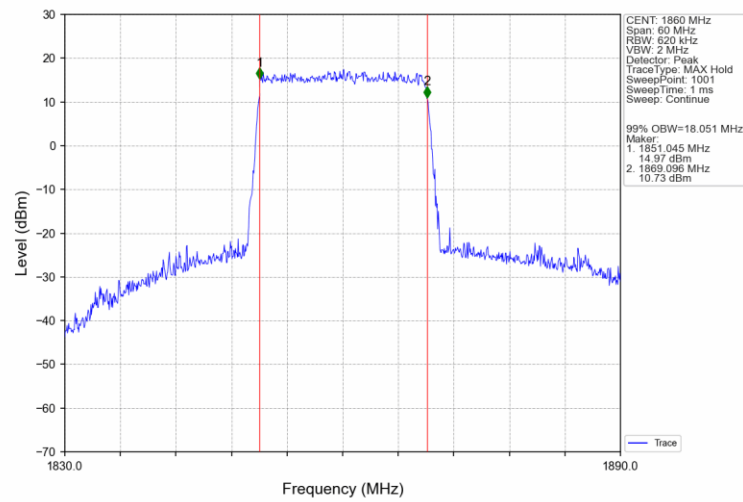
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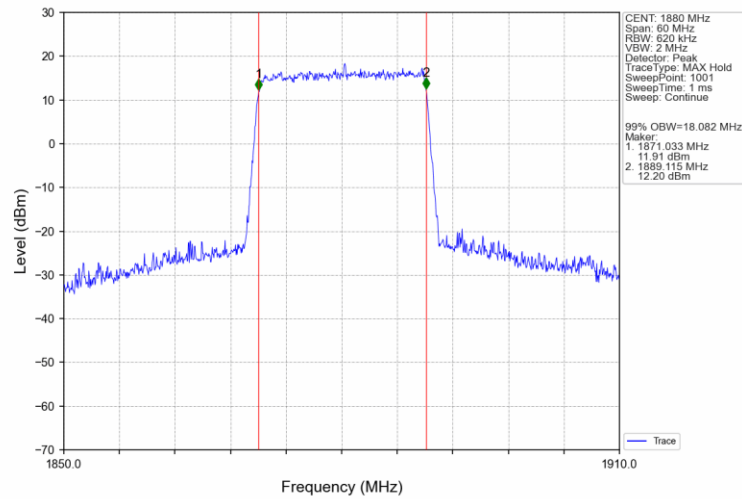
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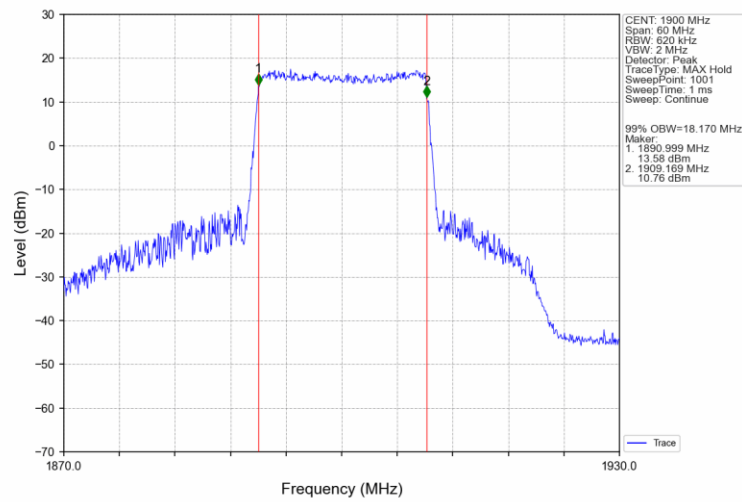
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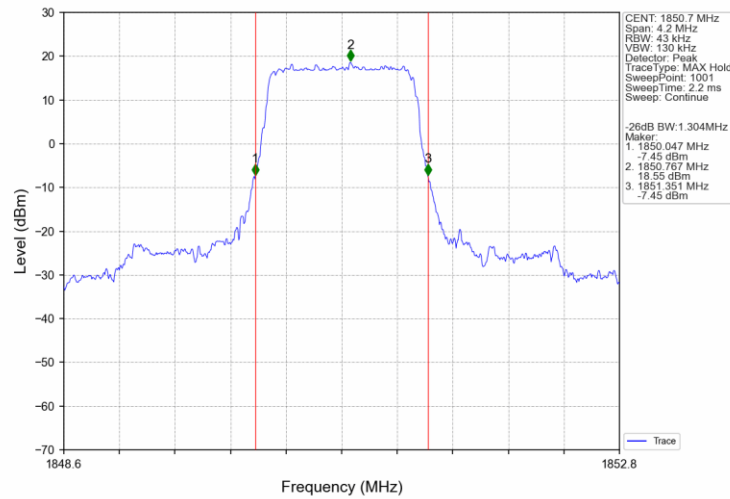


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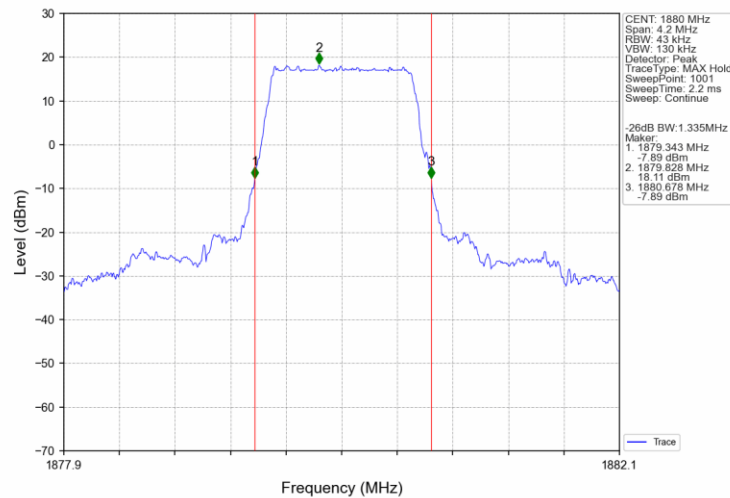


4.2.2 Band2_XDB

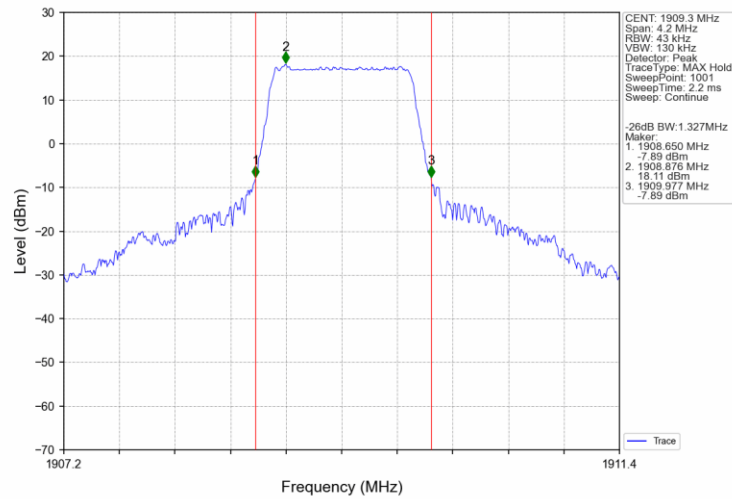
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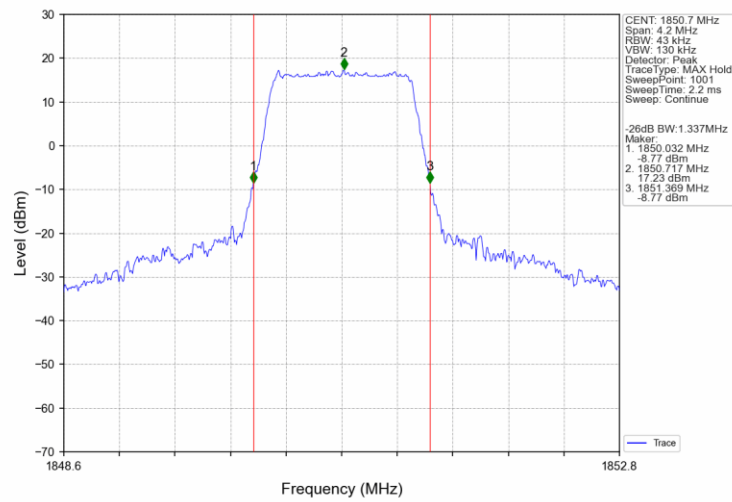
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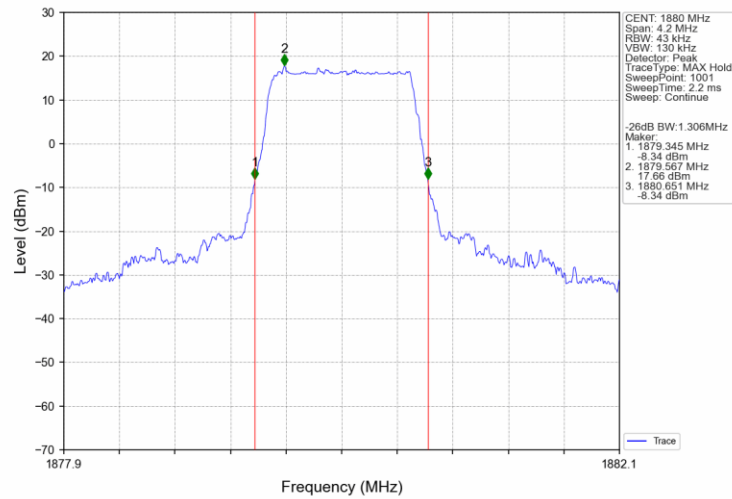
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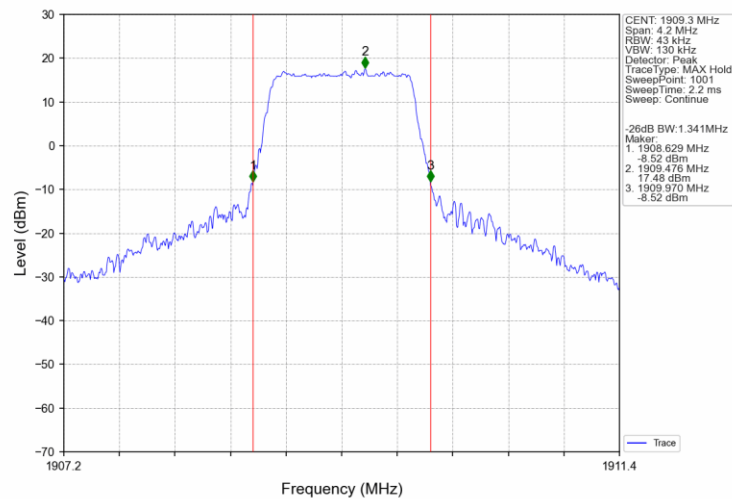
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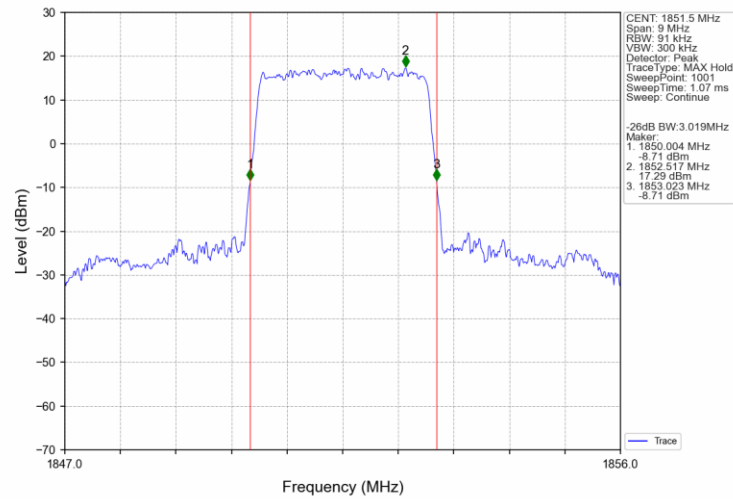
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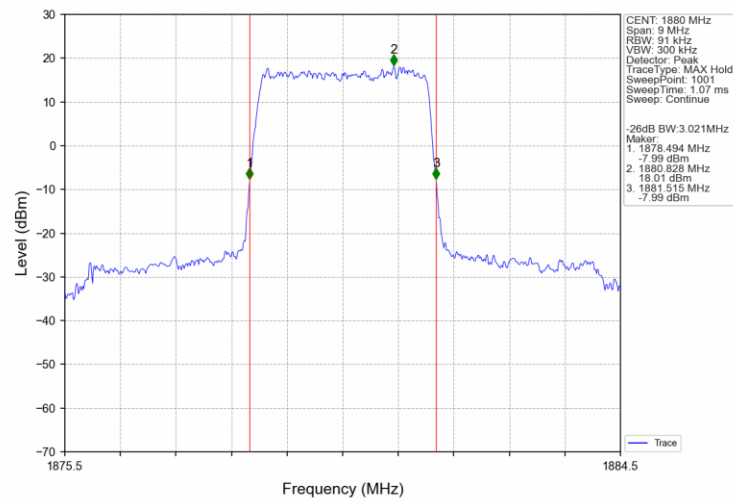
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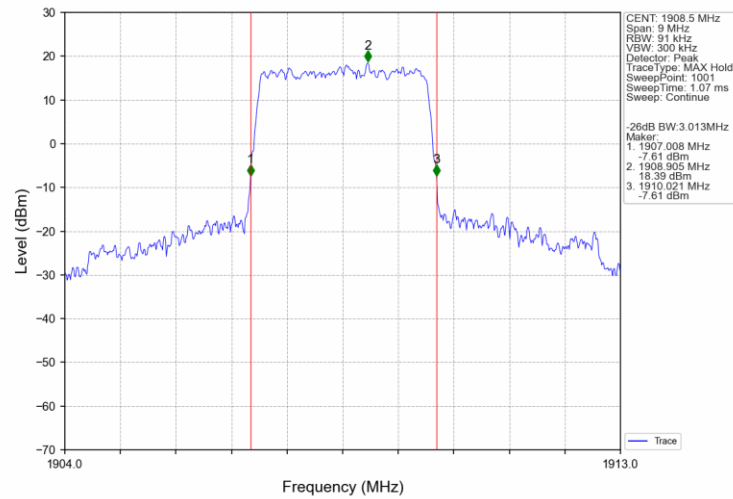
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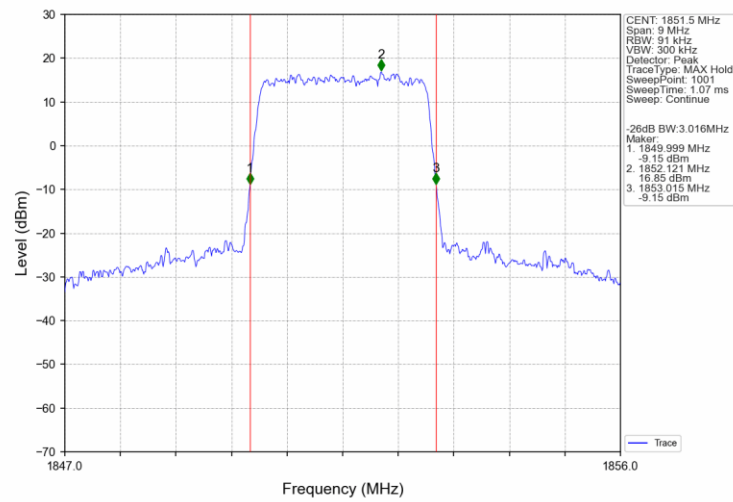
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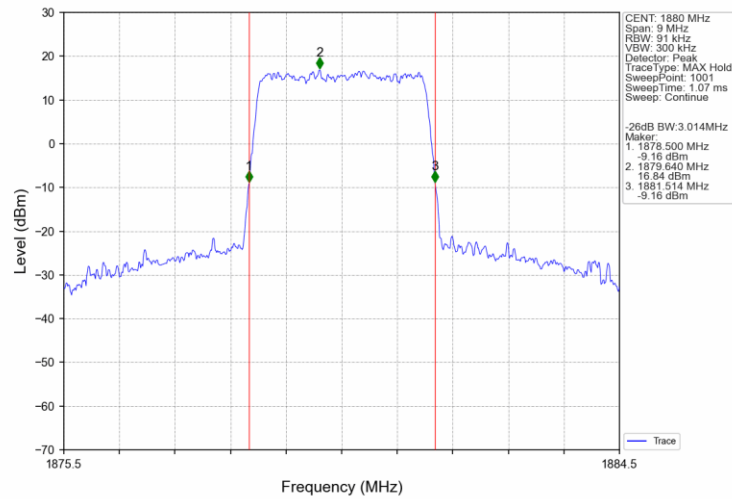
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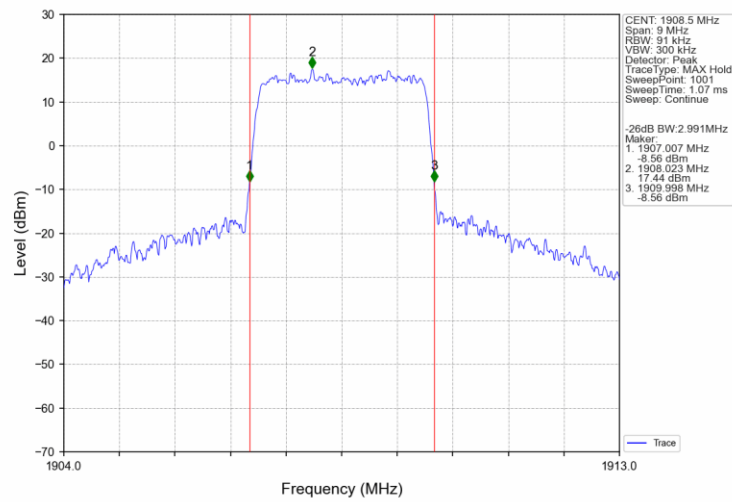
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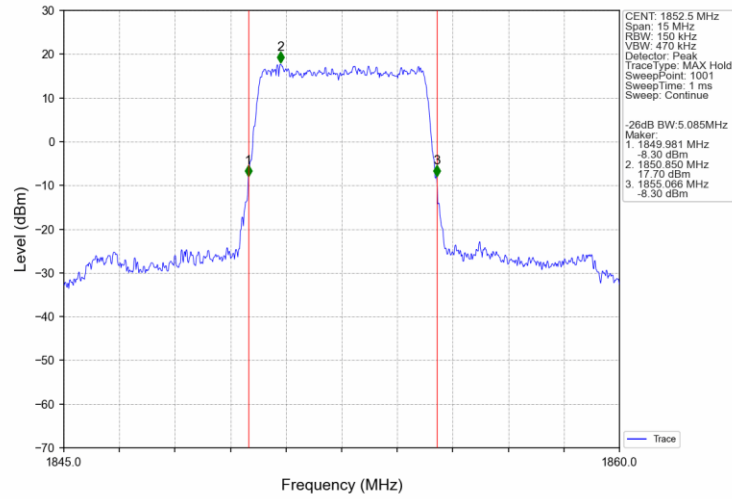
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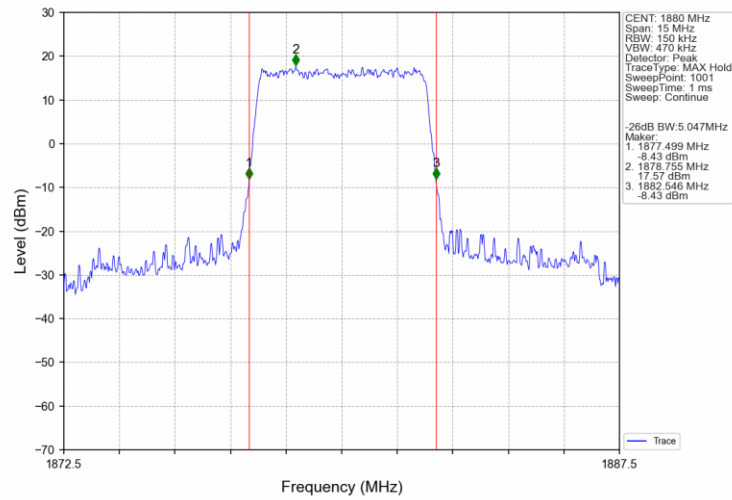
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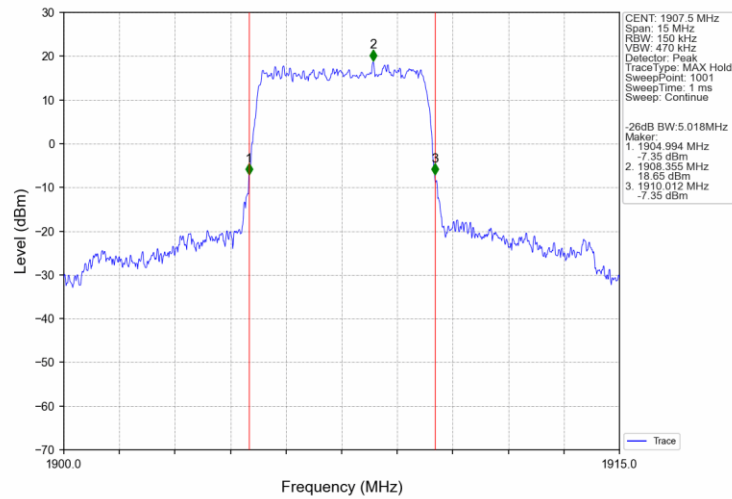
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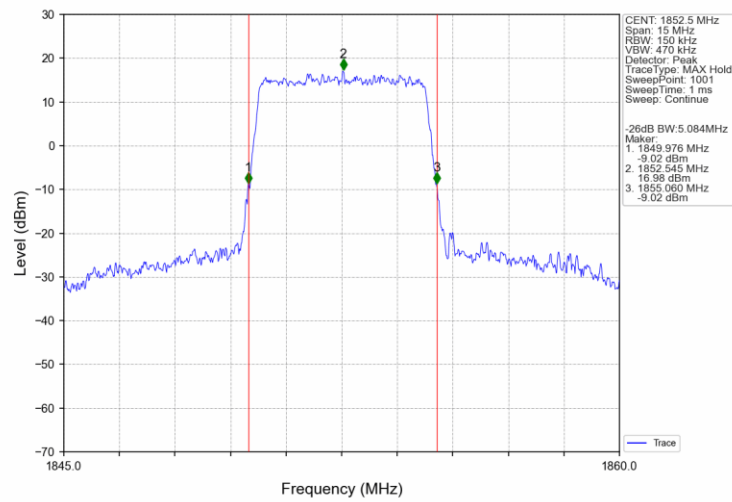
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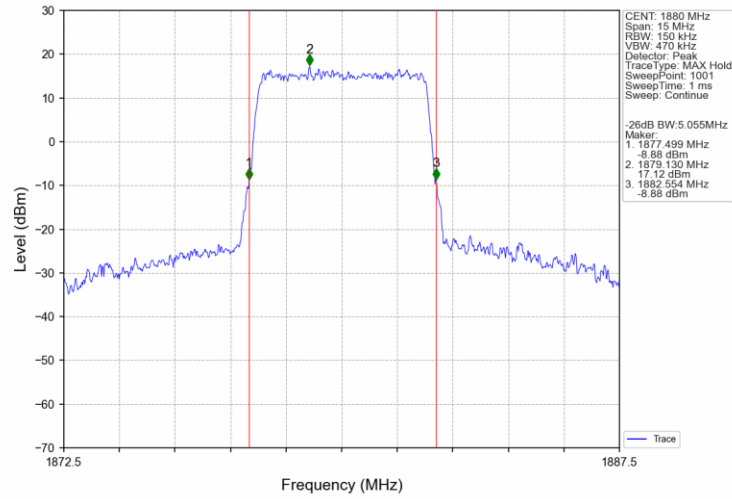
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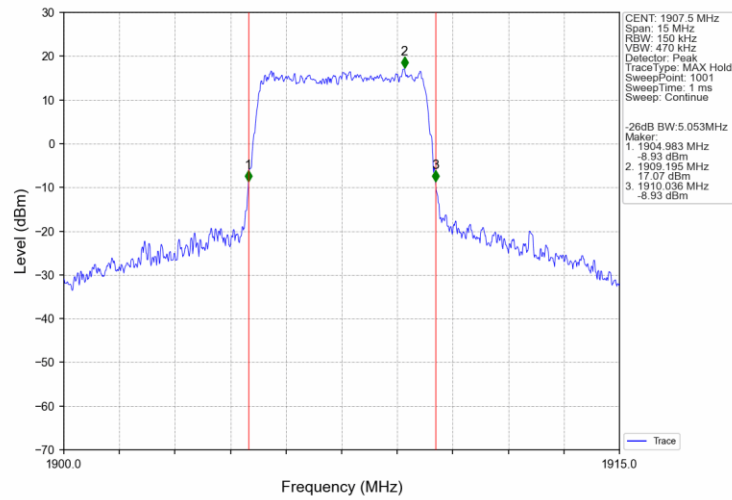
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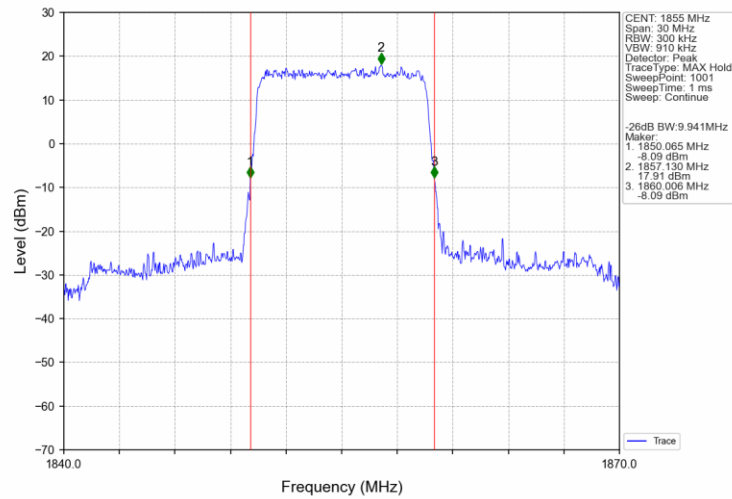
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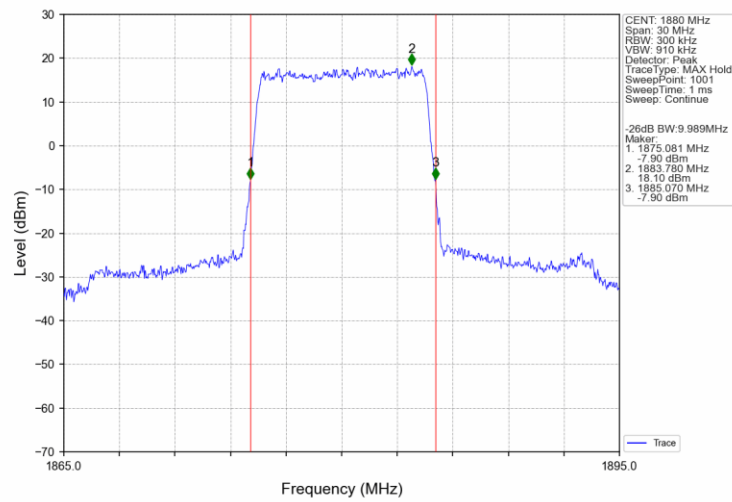
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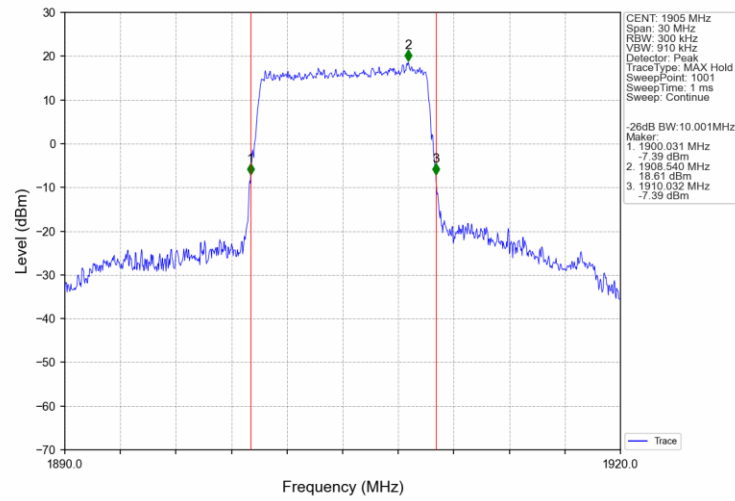
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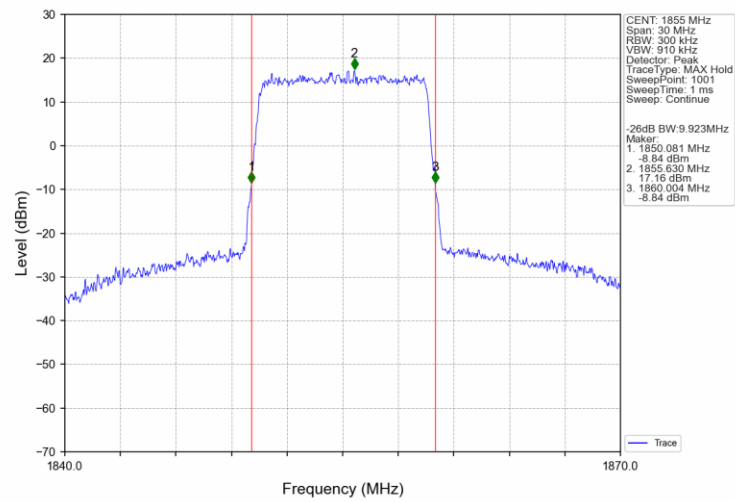
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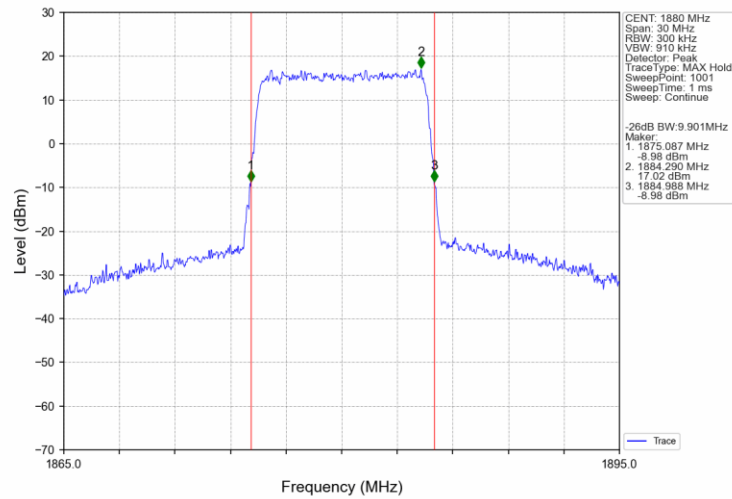
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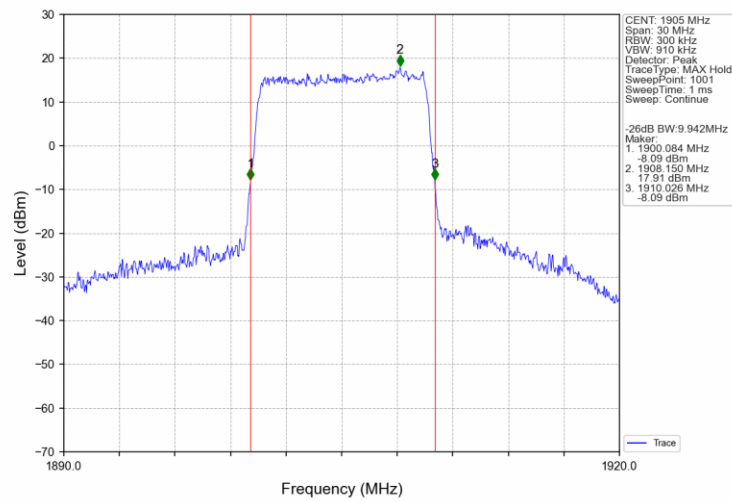
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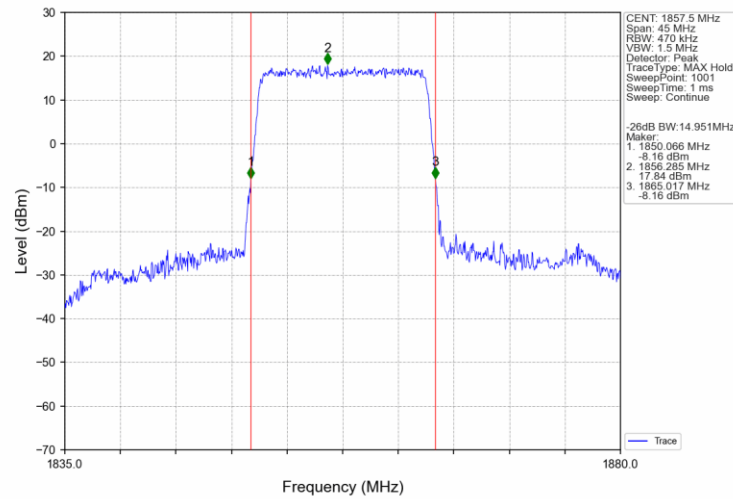
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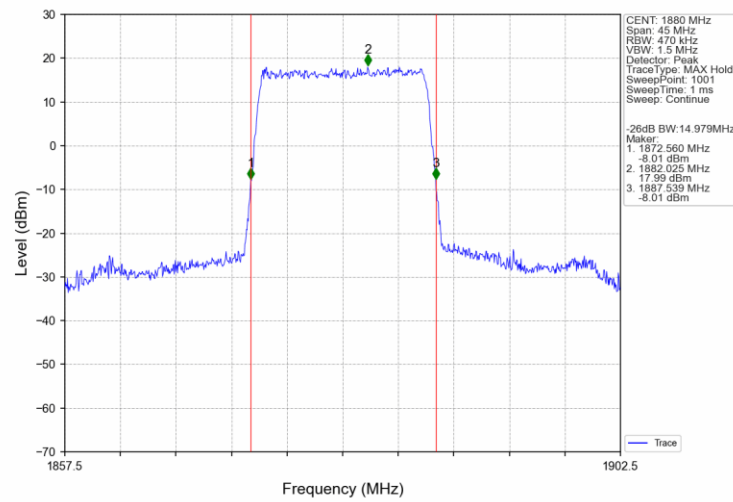
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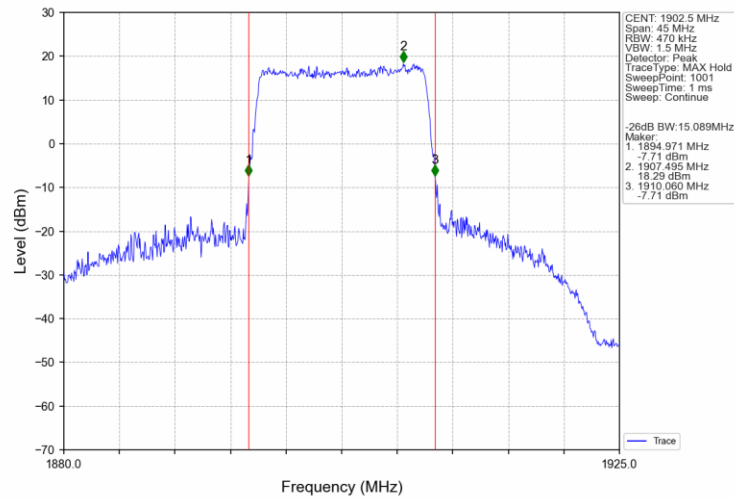
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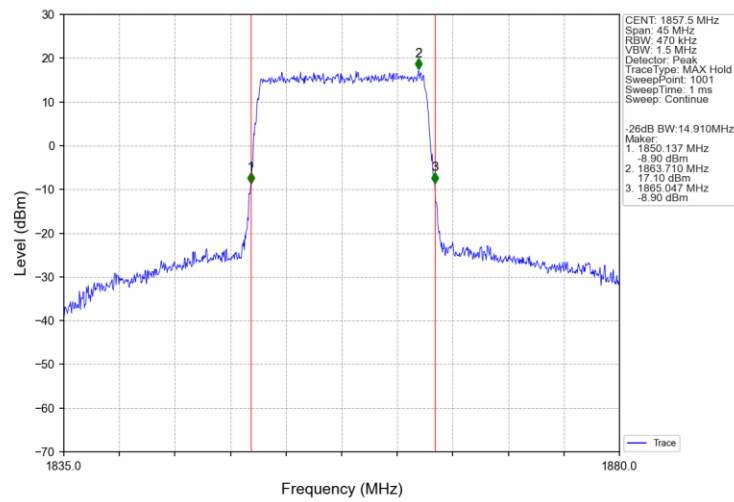
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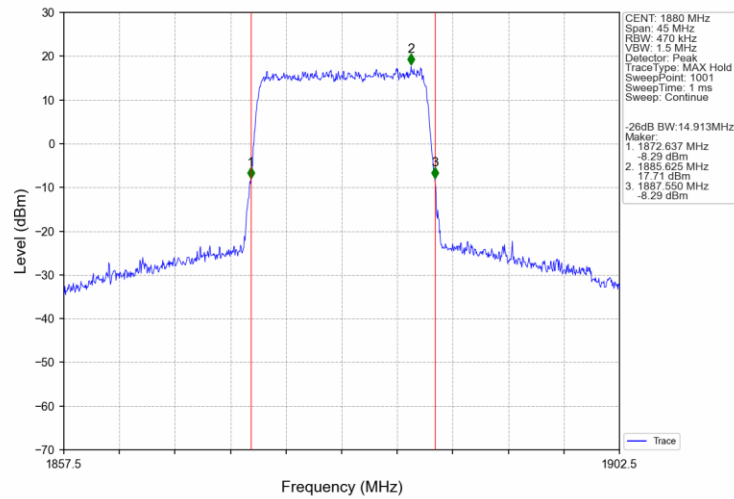
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

