

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	24.42	1.72	26.14	<=33.01	Pass
			2	24.38	1.72	26.10	<=33.01	Pass
			5	24.38	1.72	26.10	<=33.01	Pass
		3	0	24.48	1.72	26.20	<=33.01	Pass
			2	24.47	1.72	26.19	<=33.01	Pass
			3	24.48	1.72	26.20	<=33.01	Pass
		6	0	23.45	1.72	25.17	<=33.01	Pass
	1880	1	0	24.32	1.72	26.04	<=33.01	Pass
			2	24.31	1.72	26.03	<=33.01	Pass
			5	24.33	1.72	26.05	<=33.01	Pass
		3	0	24.23	1.72	25.95	<=33.01	Pass
			2	24.24	1.72	25.96	<=33.01	Pass
			3	24.23	1.72	25.95	<=33.01	Pass
		6	0	23.28	1.72	25.00	<=33.01	Pass
	1909.3	1	0	24.26	1.72	25.98	<=33.01	Pass
			2	24.23	1.72	25.95	<=33.01	Pass
			5	24.22	1.72	25.94	<=33.01	Pass
		3	0	24.31	1.72	26.03	<=33.01	Pass
			2	24.31	1.72	26.03	<=33.01	Pass
			3	24.28	1.72	26.00	<=33.01	Pass
		6	0	23.31	1.72	25.03	<=33.01	Pass
16QAM	1850.7	1	0	23.60	1.72	25.32	<=33.01	Pass
			2	23.65	1.72	25.37	<=33.01	Pass
			5	23.62	1.72	25.34	<=33.01	Pass
		3	0	23.36	1.72	25.08	<=33.01	Pass
			2	23.37	1.72	25.09	<=33.01	Pass
			3	23.36	1.72	25.08	<=33.01	Pass
		6	0	22.35	1.72	24.07	<=33.01	Pass
	1880	1	0	23.19	1.72	24.91	<=33.01	Pass
			2	23.23	1.72	24.95	<=33.01	Pass
			5	23.17	1.72	24.89	<=33.01	Pass
		3	0	23.17	1.72	24.89	<=33.01	Pass
			2	23.15	1.72	24.87	<=33.01	Pass
			3	23.16	1.72	24.88	<=33.01	Pass
		6	0	22.29	1.72	24.01	<=33.01	Pass
	1909.3	1	0	23.43	1.72	25.15	<=33.01	Pass
			2	23.47	1.72	25.19	<=33.01	Pass
			5	23.40	1.72	25.12	<=33.01	Pass
		3	0	23.24	1.72	24.96	<=33.01	Pass
			2	23.21	1.72	24.93	<=33.01	Pass
			3	23.22	1.72	24.94	<=33.01	Pass
		6	0	22.37	1.72	24.09	<=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	24.45	1.72	26.17	<=33.01	Pass
			7	24.47	1.72	26.19	<=33.01	Pass
			14	24.40	1.72	26.12	<=33.01	Pass
		8	0	23.44	1.72	25.16	<=33.01	Pass
			4	23.42	1.72	25.14	<=33.01	Pass
			7	23.41	1.72	25.13	<=33.01	Pass
		15	0	23.40	1.72	25.12	<=33.01	Pass
	1880	1	0	24.38	1.72	26.10	<=33.01	Pass
			7	24.38	1.72	26.10	<=33.01	Pass
			14	24.35	1.72	26.07	<=33.01	Pass
		8	0	23.34	1.72	25.06	<=33.01	Pass
			4	23.33	1.72	25.05	<=33.01	Pass
			7	23.33	1.72	25.05	<=33.01	Pass
		15	0	23.34	1.72	25.06	<=33.01	Pass
	1908.5	1	0	24.38	1.72	26.10	<=33.01	Pass
			7	24.46	1.72	26.18	<=33.01	Pass
			14	24.42	1.72	26.14	<=33.01	Pass
		8	0	23.37	1.72	25.09	<=33.01	Pass
			4	23.38	1.72	25.10	<=33.01	Pass
			7	23.36	1.72	25.08	<=33.01	Pass
		15	0	23.36	1.72	25.08	<=33.01	Pass
16QAM	1851.5	1	0	23.67	1.72	25.39	<=33.01	Pass
			7	23.65	1.72	25.37	<=33.01	Pass
			14	23.56	1.72	25.28	<=33.01	Pass
		8	0	22.49	1.72	24.21	<=33.01	Pass
			4	22.46	1.72	24.18	<=33.01	Pass
			7	22.47	1.72	24.19	<=33.01	Pass
		15	0	22.35	1.72	24.07	<=33.01	Pass
	1880	1	0	23.25	1.72	24.97	<=33.01	Pass
			7	23.29	1.72	25.01	<=33.01	Pass
			14	23.26	1.72	24.98	<=33.01	Pass
		8	0	22.37	1.72	24.09	<=33.01	Pass
			4	22.37	1.72	24.09	<=33.01	Pass
			7	22.37	1.72	24.09	<=33.01	Pass
		15	0	22.26	1.72	23.98	<=33.01	Pass
	1908.5	1	0	23.53	1.72	25.25	<=33.01	Pass
			7	23.59	1.72	25.31	<=33.01	Pass
			14	23.51	1.72	25.23	<=33.01	Pass
		8	0	22.45	1.72	24.17	<=33.01	Pass
			4	22.45	1.72	24.17	<=33.01	Pass
			7	22.45	1.72	24.17	<=33.01	Pass
		15	0	22.40	1.72	24.12	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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	24.53	1.72	26.25	<=33.01	Pass		
			13	24.50	1.72	26.22	<=33.01	Pass		
			24	24.48	1.72	26.20	<=33.01	Pass		
		12	0	23.43	1.72	25.15	<=33.01	Pass		
			6	23.42	1.72	25.14	<=33.01	Pass		
			13	23.44	1.72	25.16	<=33.01	Pass		
		25	0	23.45	1.72	25.17	<=33.01	Pass		
		1880	1	0	24.01	1.72	25.73	<=33.01	Pass	
				13	24.00	1.72	25.72	<=33.01	Pass	
	24			24.03	1.72	25.75	<=33.01	Pass		
	12		0	23.38	1.72	25.10	<=33.01	Pass		
			6	23.37	1.72	25.09	<=33.01	Pass		
			13	23.37	1.72	25.09	<=33.01	Pass		
	25	0	23.41	1.72	25.13	<=33.01	Pass			
	1907.5	1	0	24.01	1.72	25.73	<=33.01	Pass		
			13	24.06	1.72	25.78	<=33.01	Pass		
			24	24.09	1.72	25.81	<=33.01	Pass		
		12	0	23.40	1.72	25.12	<=33.01	Pass		
			6	23.45	1.72	25.17	<=33.01	Pass		
			13	23.40	1.72	25.12	<=33.01	Pass		
		25	0	23.42	1.72	25.14	<=33.01	Pass		
		16QAM	1852.5	1	0	23.69	1.72	25.41	<=33.01	Pass
					13	23.57	1.72	25.29	<=33.01	Pass
	24				23.51	1.72	25.23	<=33.01	Pass	
12	0			22.52	1.72	24.24	<=33.01	Pass		
	6			22.50	1.72	24.22	<=33.01	Pass		
	13			22.48	1.72	24.20	<=33.01	Pass		
25	0			22.45	1.72	24.17	<=33.01	Pass		
1880	1			0	23.08	1.72	24.80	<=33.01	Pass	
				13	23.03	1.72	24.75	<=33.01	Pass	
			24	23.07	1.72	24.79	<=33.01	Pass		
	12		0	22.44	1.72	24.16	<=33.01	Pass		
			6	22.39	1.72	24.11	<=33.01	Pass		
			13	22.38	1.72	24.10	<=33.01	Pass		
25	0		22.44	1.72	24.16	<=33.01	Pass			
1907.5	1		0	22.97	1.72	24.69	<=33.01	Pass		
			13	22.97	1.72	24.69	<=33.01	Pass		
			24	22.98	1.72	24.70	<=33.01	Pass		
	12		0	22.40	1.72	24.12	<=33.01	Pass		
			6	22.42	1.72	24.14	<=33.01	Pass		
			13	22.39	1.72	24.11	<=33.01	Pass		
	25		0	22.45	1.72	24.17	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.43	1.72	26.15	<=33.01	Pass
			25	24.25	1.72	25.97	<=33.01	Pass
			49	23.96	1.72	25.68	<=33.01	Pass
		25	0	23.43	1.72	25.15	<=33.01	Pass
			13	23.42	1.72	25.14	<=33.01	Pass
			25	23.48	1.72	25.20	<=33.01	Pass
		50	0	23.46	1.72	25.18	<=33.01	Pass
			0	23.83	1.72	25.55	<=33.01	Pass
			25	23.97	1.72	25.69	<=33.01	Pass
	1880	1	49	23.93	1.72	25.65	<=33.01	Pass
			0	23.38	1.72	25.10	<=33.01	Pass
			13	23.42	1.72	25.14	<=33.01	Pass
		25	25	23.36	1.72	25.08	<=33.01	Pass
			0	23.39	1.72	25.11	<=33.01	Pass
			0	23.89	1.72	25.61	<=33.01	Pass
		25	25	23.91	1.72	25.63	<=33.01	Pass
			49	23.95	1.72	25.67	<=33.01	Pass
			0	23.42	1.72	25.14	<=33.01	Pass
16QAM	1855	1	25	23.45	1.72	25.17	<=33.01	Pass
			25	23.46	1.72	25.18	<=33.01	Pass
			0	23.46	1.72	25.18	<=33.01	Pass
		25	0	23.15	1.72	24.87	<=33.01	Pass
			25	23.15	1.72	24.87	<=33.01	Pass
			49	23.02	1.72	24.74	<=33.01	Pass
		50	0	22.44	1.72	24.16	<=33.01	Pass
			13	22.44	1.72	24.16	<=33.01	Pass
			25	22.51	1.72	24.23	<=33.01	Pass
	1880	1	0	22.45	1.72	24.17	<=33.01	Pass
			0	22.72	1.72	24.44	<=33.01	Pass
			25	22.82	1.72	24.54	<=33.01	Pass
		25	49	22.80	1.72	24.52	<=33.01	Pass
			0	22.40	1.72	24.12	<=33.01	Pass
			13	22.44	1.72	24.16	<=33.01	Pass
			25	22.37	1.72	24.09	<=33.01	Pass
		50	0	22.34	1.72	24.06	<=33.01	Pass
			0	23.04	1.72	24.76	<=33.01	Pass
	1905	1	25	23.06	1.72	24.78	<=33.01	Pass
			49	23.10	1.72	24.82	<=33.01	Pass
			0	22.40	1.72	24.12	<=33.01	Pass
		25	13	22.43	1.72	24.15	<=33.01	Pass
			25	22.47	1.72	24.19	<=33.01	Pass
			0	22.41	1.72	24.13	<=33.01	Pass
		50	0					

Note1: EIRP=Conducted Power+Antenna Gain



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	24.31	1.72	26.03	<=33.01	Pass		
			38	24.20	1.72	25.92	<=33.01	Pass		
			74	23.91	1.72	25.63	<=33.01	Pass		
		36	0	23.37	1.72	25.09	<=33.01	Pass		
			18	23.37	1.72	25.09	<=33.01	Pass		
			39	23.35	1.72	25.07	<=33.01	Pass		
		75	0	23.38	1.72	25.10	<=33.01	Pass		
		1880	1	0	23.77	1.72	25.49	<=33.01	Pass	
				38	23.93	1.72	25.65	<=33.01	Pass	
	74			23.86	1.72	25.58	<=33.01	Pass		
	36		0	23.34	1.72	25.06	<=33.01	Pass		
			18	23.34	1.72	25.06	<=33.01	Pass		
			39	23.27	1.72	24.99	<=33.01	Pass		
	75	0	23.40	1.72	25.12	<=33.01	Pass			
	1902.5	1	0	23.83	1.72	25.55	<=33.01	Pass		
			38	23.91	1.72	25.63	<=33.01	Pass		
			74	23.88	1.72	25.60	<=33.01	Pass		
		36	0	23.36	1.72	25.08	<=33.01	Pass		
			18	23.38	1.72	25.10	<=33.01	Pass		
			39	23.45	1.72	25.17	<=33.01	Pass		
		75	0	23.44	1.72	25.16	<=33.01	Pass		
		16QAM	1857.5	1	0	23.17	1.72	24.89	<=33.01	Pass
					38	23.13	1.72	24.85	<=33.01	Pass
	74				22.97	1.72	24.69	<=33.01	Pass	
36	0			22.42	1.72	24.14	<=33.01	Pass		
	18			22.42	1.72	24.14	<=33.01	Pass		
	39			22.44	1.72	24.16	<=33.01	Pass		
75	0			22.38	1.72	24.10	<=33.01	Pass		
1880	1			0	22.62	1.72	24.34	<=33.01	Pass	
				38	22.81	1.72	24.53	<=33.01	Pass	
			74	22.71	1.72	24.43	<=33.01	Pass		
	36		0	22.32	1.72	24.04	<=33.01	Pass		
			18	22.33	1.72	24.05	<=33.01	Pass		
			39	22.31	1.72	24.03	<=33.01	Pass		
75	0		22.38	1.72	24.10	<=33.01	Pass			
1902.5	1		0	22.98	1.72	24.70	<=33.01	Pass		
			38	23.08	1.72	24.80	<=33.01	Pass		
			74	23.02	1.72	24.74	<=33.01	Pass		
	36		0	22.37	1.72	24.09	<=33.01	Pass		
			18	22.40	1.72	24.12	<=33.01	Pass		
			39	22.41	1.72	24.13	<=33.01	Pass		
	75		0	22.37	1.72	24.09	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.16	1.72	25.88	<=33.01	Pass
			50	24.18	1.72	25.90	<=33.01	Pass
			99	24.01	1.72	25.73	<=33.01	Pass
		50	0	23.18	1.72	24.90	<=33.01	Pass
			25	23.26	1.72	24.98	<=33.01	Pass
			50	23.28	1.72	25.00	<=33.01	Pass
		100	0	23.24	1.72	24.96	<=33.01	Pass
			50	23.24	1.72	24.96	<=33.01	Pass
			99	23.24	1.72	24.96	<=33.01	Pass
	1880	1	0	24.20	1.72	25.92	<=33.01	Pass
			50	24.42	1.72	26.14	<=33.01	Pass
			99	24.31	1.72	26.03	<=33.01	Pass
		50	0	23.27	1.72	24.99	<=33.01	Pass
			25	23.29	1.72	25.01	<=33.01	Pass
			50	23.29	1.72	25.01	<=33.01	Pass
		100	0	23.31	1.72	25.03	<=33.01	Pass
			50	23.31	1.72	25.03	<=33.01	Pass
			99	23.31	1.72	25.03	<=33.01	Pass
	1900	1	0	24.26	1.72	25.98	<=33.01	Pass
			50	24.37	1.72	26.09	<=33.01	Pass
			99	24.25	1.72	25.97	<=33.01	Pass
		50	0	23.29	1.72	25.01	<=33.01	Pass
			25	23.36	1.72	25.08	<=33.01	Pass
			50	23.39	1.72	25.11	<=33.01	Pass
		100	0	23.30	1.72	25.02	<=33.01	Pass
			50	23.30	1.72	25.02	<=33.01	Pass
			99	23.30	1.72	25.02	<=33.01	Pass
16QAM	1860	1	0	23.30	1.72	25.02	<=33.01	Pass
			50	23.32	1.72	25.04	<=33.01	Pass
			99	23.18	1.72	24.90	<=33.01	Pass
		50	0	22.20	1.72	23.92	<=33.01	Pass
			25	22.29	1.72	24.01	<=33.01	Pass
			50	22.32	1.72	24.04	<=33.01	Pass
		100	0	22.23	1.72	23.95	<=33.01	Pass
			50	22.23	1.72	23.95	<=33.01	Pass
			99	22.23	1.72	23.95	<=33.01	Pass
	1880	1	0	23.25	1.72	24.97	<=33.01	Pass
			50	23.50	1.72	25.22	<=33.01	Pass
			99	23.39	1.72	25.11	<=33.01	Pass
		50	0	22.24	1.72	23.96	<=33.01	Pass
			25	22.24	1.72	23.96	<=33.01	Pass
			50	22.26	1.72	23.98	<=33.01	Pass
		100	0	22.27	1.72	23.99	<=33.01	Pass
			50	22.27	1.72	23.99	<=33.01	Pass
			99	22.27	1.72	23.99	<=33.01	Pass
	1900	1	0	23.37	1.72	25.09	<=33.01	Pass
			50	23.50	1.72	25.22	<=33.01	Pass
			99	23.45	1.72	25.17	<=33.01	Pass
		50	0	22.25	1.72	23.97	<=33.01	Pass
			25	22.34	1.72	24.06	<=33.01	Pass
			50	22.39	1.72	24.11	<=33.01	Pass
		100	0	22.29	1.72	24.01	<=33.01	Pass
			50	22.29	1.72	24.01	<=33.01	Pass
			99	22.29	1.72	24.01	<=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	7.510	0.0041	-2.5 to 2.5	Pass
					3.85	5.693	0.0031	-2.5 to 2.5	Pass
					4.43	7.567	0.0041	-2.5 to 2.5	Pass
				-30	3.85	7.825	0.0042	-2.5 to 2.5	Pass
				-20	3.85	7.195	0.0039	-2.5 to 2.5	Pass
				-10	3.85	3.877	0.0021	-2.5 to 2.5	Pass
				0	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				30	3.85	4.249	0.0023	-2.5 to 2.5	Pass
				40	3.85	24.147	0.0130	-2.5 to 2.5	Pass
				50	3.85	12.159	0.0066	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-1.202	-0.0006	-2.5 to 2.5	Pass
					3.85	7.010	0.0037	-2.5 to 2.5	Pass
					4.43	9.112	0.0048	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	7.381	0.0039	-2.5 to 2.5	Pass
				-10	3.85	4.148	0.0022	-2.5 to 2.5	Pass
				0	3.85	8.798	0.0047	-2.5 to 2.5	Pass
				10	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				30	3.85	10.858	0.0058	-2.5 to 2.5	Pass
				40	3.85	6.437	0.0034	-2.5 to 2.5	Pass
				50	3.85	3.748	0.0020	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-5.894	-0.0031	-2.5 to 2.5	Pass
					3.85	4.992	0.0026	-2.5 to 2.5	Pass
					4.43	1.717	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-8.841	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-8.569	-0.0045	-2.5 to 2.5	Pass
				10	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	6.766	0.0037	-2.5 to 2.5	Pass
					3.85	11.888	0.0064	-2.5 to 2.5	Pass
					4.43	13.218	0.0071	-2.5 to 2.5	Pass
				-30	3.85	7.224	0.0039	-2.5 to 2.5	Pass
				-20	3.85	12.245	0.0066	-2.5 to 2.5	Pass
				-10	3.85	6.981	0.0038	-2.5 to 2.5	Pass
				0	3.85	6.208	0.0034	-2.5 to 2.5	Pass
				10	3.85	12.503	0.0068	-2.5 to 2.5	Pass
				30	3.85	10.929	0.0059	-2.5 to 2.5	Pass
				40	3.85	11.272	0.0061	-2.5 to 2.5	Pass
				50	3.85	9.670	0.0052	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	6.409	0.0034	-2.5 to 2.5	Pass
					3.85	1.044	0.0006	-2.5 to 2.5	Pass
					4.43	-3.204	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	9.198	0.0049	-2.5 to 2.5	Pass
				-20	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.964	0.0026	-2.5 to 2.5	Pass

				0	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				30	3.85	12.059	0.0064	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0021	-2.5 to 2.5	Pass
				50	3.85	3.676	0.0020	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	1.531	0.0008	-2.5 to 2.5	Pass
					3.85	0.715	0.0004	-2.5 to 2.5	Pass
					4.43	-9.770	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-5.937	-0.0031	-2.5 to 2.5	Pass
				10	3.85	4.621	0.0024	-2.5 to 2.5	Pass
				30	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				40	3.85	-10.042	-0.0053	-2.5 to 2.5	Pass
				50	3.85	6.237	0.0033	-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	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	3.891	0.0021	-2.5 to 2.5	Pass
					4.43	10.242	0.0055	-2.5 to 2.5	Pass
				-30	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	6.809	0.0037	-2.5 to 2.5	Pass
				0	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				10	3.85	9.956	0.0054	-2.5 to 2.5	Pass
				30	3.85	5.178	0.0028	-2.5 to 2.5	Pass
				40	3.85	6.652	0.0036	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	5.035	0.0027	-2.5 to 2.5	Pass
					3.85	2.275	0.0012	-2.5 to 2.5	Pass
					4.43	4.621	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	3.963	0.0021	-2.5 to 2.5	Pass
				-10	3.85	7.496	0.0040	-2.5 to 2.5	Pass
				0	3.85	6.323	0.0034	-2.5 to 2.5	Pass
				10	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				30	3.85	2.332	0.0012	-2.5 to 2.5	Pass
				40	3.85	4.807	0.0026	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-7.482	-0.0039	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
					4.43	5.579	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	4.749	0.0025	-2.5 to 2.5	Pass
				-10	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				0	3.85	-10.386	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	4.692	0.0025	-2.5 to 2.5	Pass
					3.85	4.091	0.0022	-2.5 to 2.5	Pass
					4.43	6.666	0.0036	-2.5 to 2.5	Pass

				-30	3.85	4.921	0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.935	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	4.821	0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				10	3.85	5.078	0.0027	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				50	3.85	10.600	0.0057	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	-3.819	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	4.120	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.878	0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				10	3.85	5.093	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				40	3.85	9.270	0.0049	-2.5 to 2.5	Pass
				50	3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-5.937	-0.0031	-2.5 to 2.5	Pass
					3.85	7.396	0.0039	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	15.407	0.0081	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				30	3.85	2.646	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				50	3.85	4.807	0.0025	-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	4.177	0.0023	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
					4.43	-4.563	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				0	3.85	3.834	0.0021	-2.5 to 2.5	Pass
				10	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				40	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				50	3.85	1.044	0.0006	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-1.631	-0.0009	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				40	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.27	2.074	0.0011	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0020	-2.5 to 2.5	Pass
					4.43	1.674	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.764	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				10	3.85	3.705	0.0019	-2.5 to 2.5	Pass
				30	3.85	6.623	0.0035	-2.5 to 2.5	Pass
				40	3.85	10.514	0.0055	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	2.675	0.0014	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	6.294	0.0034	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	6.251	0.0034	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				40	3.85	4.191	0.0023	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	1.016	0.0005	-2.5 to 2.5	Pass
					3.85	2.446	0.0013	-2.5 to 2.5	Pass
					4.43	2.646	0.0014	-2.5 to 2.5	Pass
				-30	3.85	4.706	0.0025	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				0	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				10	3.85	6.123	0.0033	-2.5 to 2.5	Pass
				30	3.85	3.104	0.0017	-2.5 to 2.5	Pass
				40	3.85	5.465	0.0029	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	5.679	0.0030	-2.5 to 2.5	Pass
					3.85	9.427	0.0049	-2.5 to 2.5	Pass
					4.43	3.304	0.0017	-2.5 to 2.5	Pass
				-30	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-5.608	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0023	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				10	3.85	21.300	0.0112	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				40	3.85	4.020	0.0021	-2.5 to 2.5	Pass
				50	3.85	5.436	0.0028	-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	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	3.419	0.0018	-2.5 to 2.5	Pass
					4.43	5.722	0.0031	-2.5 to 2.5	Pass
				-30	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				0	3.85	3.648	0.0020	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0010	-2.5 to 2.5	Pass

				30	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				40	3.85	3.033	0.0016	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	4.349	0.0023	-2.5 to 2.5	Pass
					3.85	0.401	0.0002	-2.5 to 2.5	Pass
					4.43	2.704	0.0014	-2.5 to 2.5	Pass
				-30	3.85	6.866	0.0037	-2.5 to 2.5	Pass
				-20	3.85	4.563	0.0024	-2.5 to 2.5	Pass
				-10	3.85	1.960	0.0010	-2.5 to 2.5	Pass
				0	3.85	5.436	0.0029	-2.5 to 2.5	Pass
				10	3.85	3.376	0.0018	-2.5 to 2.5	Pass
				30	3.85	2.432	0.0013	-2.5 to 2.5	Pass
				40	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				50	3.85	6.666	0.0035	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.815	-0.0004	-2.5 to 2.5	Pass
					3.85	0.358	0.0002	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.505	0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				-10	3.85	4.020	0.0021	-2.5 to 2.5	Pass
				0	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				10	3.85	3.576	0.0019	-2.5 to 2.5	Pass
				30	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.329	0.0002	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	1.016	0.0005	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	4.177	0.0023	-2.5 to 2.5	Pass
				-30	3.85	3.104	0.0017	-2.5 to 2.5	Pass
				-20	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				0	3.85	4.921	0.0027	-2.5 to 2.5	Pass
				10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				40	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				50	3.85	4.864	0.0026	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	3.319	0.0018	-2.5 to 2.5	Pass
					4.43	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	5.507	0.0029	-2.5 to 2.5	Pass
				-20	3.85	5.937	0.0032	-2.5 to 2.5	Pass
				-10	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.106	0.0022	-2.5 to 2.5	Pass
				10	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.904	0.0015	-2.5 to 2.5	Pass
				40	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				50	3.85	2.389	0.0013	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	2.246	0.0012	-2.5 to 2.5	Pass
					3.85	0.315	0.0002	-2.5 to 2.5	Pass
					4.43	0.987	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-20	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				-10	3.85	2.947	0.0015	-2.5 to 2.5	Pass
				0	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.018	0.0016	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				50	3.85	3.405	0.0018	-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	-1.960	-0.0011	-2.5 to 2.5	Pass
					3.85	2.918	0.0016	-2.5 to 2.5	Pass
					4.43	3.648	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-20	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				-10	3.85	3.476	0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	1.674	0.0009	-2.5 to 2.5	Pass
					3.85	3.161	0.0017	-2.5 to 2.5	Pass
					4.43	4.320	0.0023	-2.5 to 2.5	Pass
				-30	3.85	3.877	0.0021	-2.5 to 2.5	Pass
				-20	3.85	6.995	0.0037	-2.5 to 2.5	Pass
				-10	3.85	8.297	0.0044	-2.5 to 2.5	Pass
				0	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				10	3.85	5.665	0.0030	-2.5 to 2.5	Pass
				30	3.85	5.579	0.0030	-2.5 to 2.5	Pass
				40	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				50	3.85	4.435	0.0024	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	1.931	0.0010	-2.5 to 2.5	Pass
					3.85	0.944	0.0005	-2.5 to 2.5	Pass
					4.43	1.001	0.0005	-2.5 to 2.5	Pass
				-30	3.85	3.576	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	1.674	0.0009	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
					4.43	0.887	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	4.892	0.0026	-2.5 to 2.5	Pass
				-10	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	2.632	0.0014	-2.5 to 2.5	Pass
					3.85	4.177	0.0022	-2.5 to 2.5	Pass
					4.43	0.544	0.0003	-2.5 to 2.5	Pass
				-30	3.85	6.251	0.0033	-2.5 to 2.5	Pass
				-20	3.85	3.805	0.0020	-2.5 to 2.5	Pass
				-10	3.85	3.877	0.0021	-2.5 to 2.5	Pass
				0	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				10	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				40	3.85	4.363	0.0023	-2.5 to 2.5	Pass
				50	3.85	5.064	0.0027	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.27	-1.788	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
					4.43	1.574	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.561	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				-10	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				0	3.85	1.988	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				30	3.85	3.977	0.0021	-2.5 to 2.5	Pass
				40	3.85	6.251	0.0033	-2.5 to 2.5	Pass
				50	3.85	4.950	0.0026	-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	1.187	0.0006	-2.5 to 2.5	Pass
					3.85	6.723	0.0036	-2.5 to 2.5	Pass
					4.43	3.233	0.0017	-2.5 to 2.5	Pass
				-30	3.85	7.095	0.0038	-2.5 to 2.5	Pass
				-20	3.85	3.705	0.0020	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				0	3.85	5.965	0.0032	-2.5 to 2.5	Pass
				10	3.85	6.423	0.0035	-2.5 to 2.5	Pass
				30	3.85	8.612	0.0046	-2.5 to 2.5	Pass
				40	3.85	2.761	0.0015	-2.5 to 2.5	Pass
				50	3.85	6.223	0.0033	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	5.121	0.0027	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
					4.43	3.934	0.0021	-2.5 to 2.5	Pass
				-30	3.85	2.947	0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.978	0.0026	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				0	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				10	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.788	0.0010	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	2.074	0.0011	-2.5 to 2.5	Pass
					3.85	1.974	0.0010	-2.5 to 2.5	Pass
					4.43	3.362	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				0	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				30	3.85	3.247	0.0017	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.616	0.0009	-2.5 to 2.5	Pass
					3.85	3.276	0.0018	-2.5 to 2.5	Pass
					4.43	2.103	0.0011	-2.5 to 2.5	Pass
				-30	3.85	5.350	0.0029	-2.5 to 2.5	Pass
				-20	3.85	4.463	0.0024	-2.5 to 2.5	Pass
				-10	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.017	0.0011	-2.5 to 2.5	Pass

				30	3.85	5.636	0.0030	-2.5 to 2.5	Pass
				40	3.85	6.437	0.0035	-2.5 to 2.5	Pass
				50	3.85	2.060	0.0011	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	1.817	0.0010	-2.5 to 2.5	Pass
					3.85	2.074	0.0011	-2.5 to 2.5	Pass
					4.43	2.403	0.0013	-2.5 to 2.5	Pass
				-30	3.85	5.550	0.0030	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				50	3.85	3.362	0.0018	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	1.588	0.0008	-2.5 to 2.5	Pass
					3.85	0.129	0.0001	-2.5 to 2.5	Pass
					4.43	1.016	0.0005	-2.5 to 2.5	Pass
				-30	3.85	5.851	0.0031	-2.5 to 2.5	Pass
				-20	3.85	6.008	0.0032	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				10	3.85	4.478	0.0024	-2.5 to 2.5	Pass
				30	3.85	6.452	0.0034	-2.5 to 2.5	Pass
				40	3.85	3.090	0.0016	-2.5 to 2.5	Pass
				50	3.85	1.416	0.0007	-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

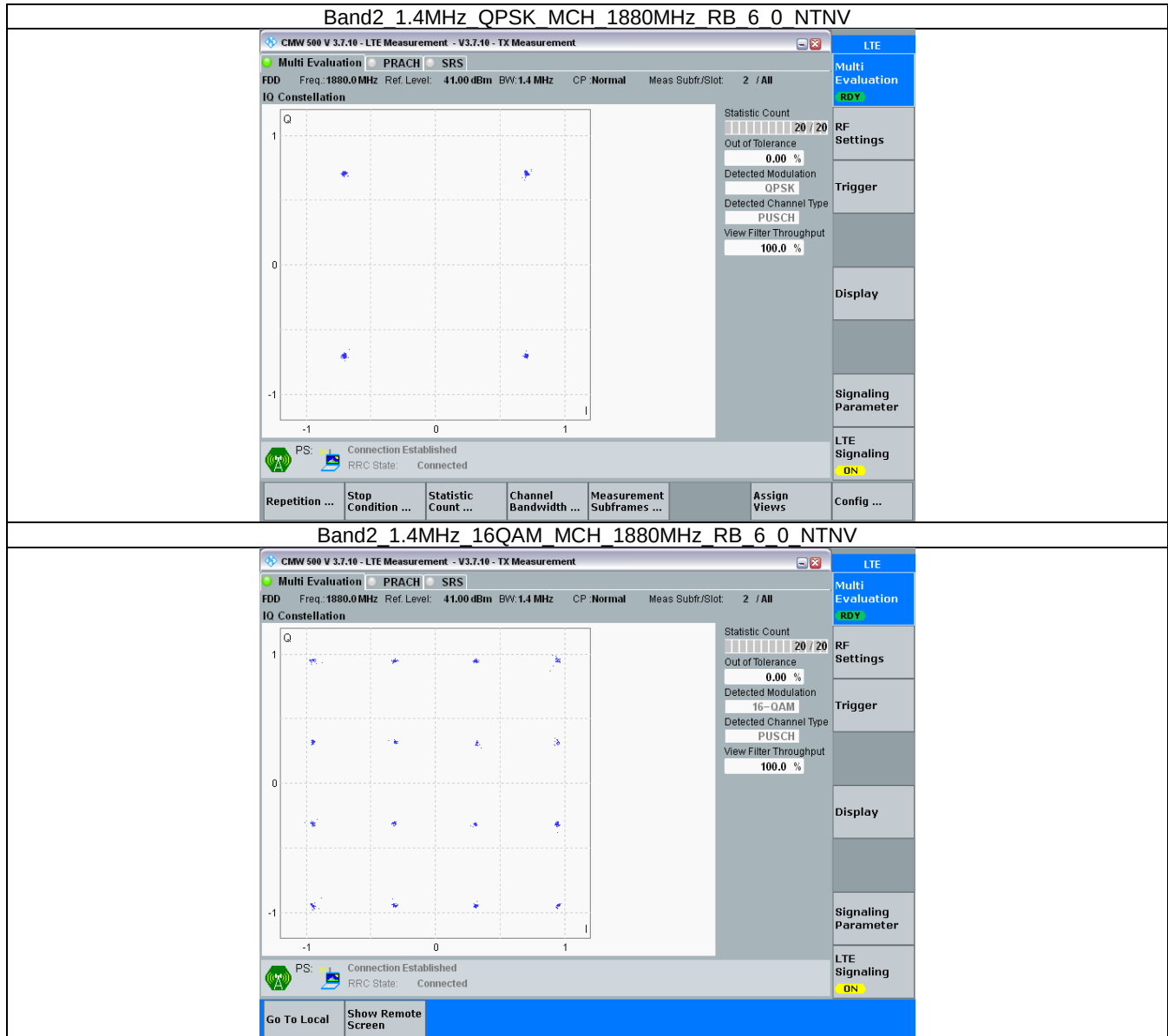
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

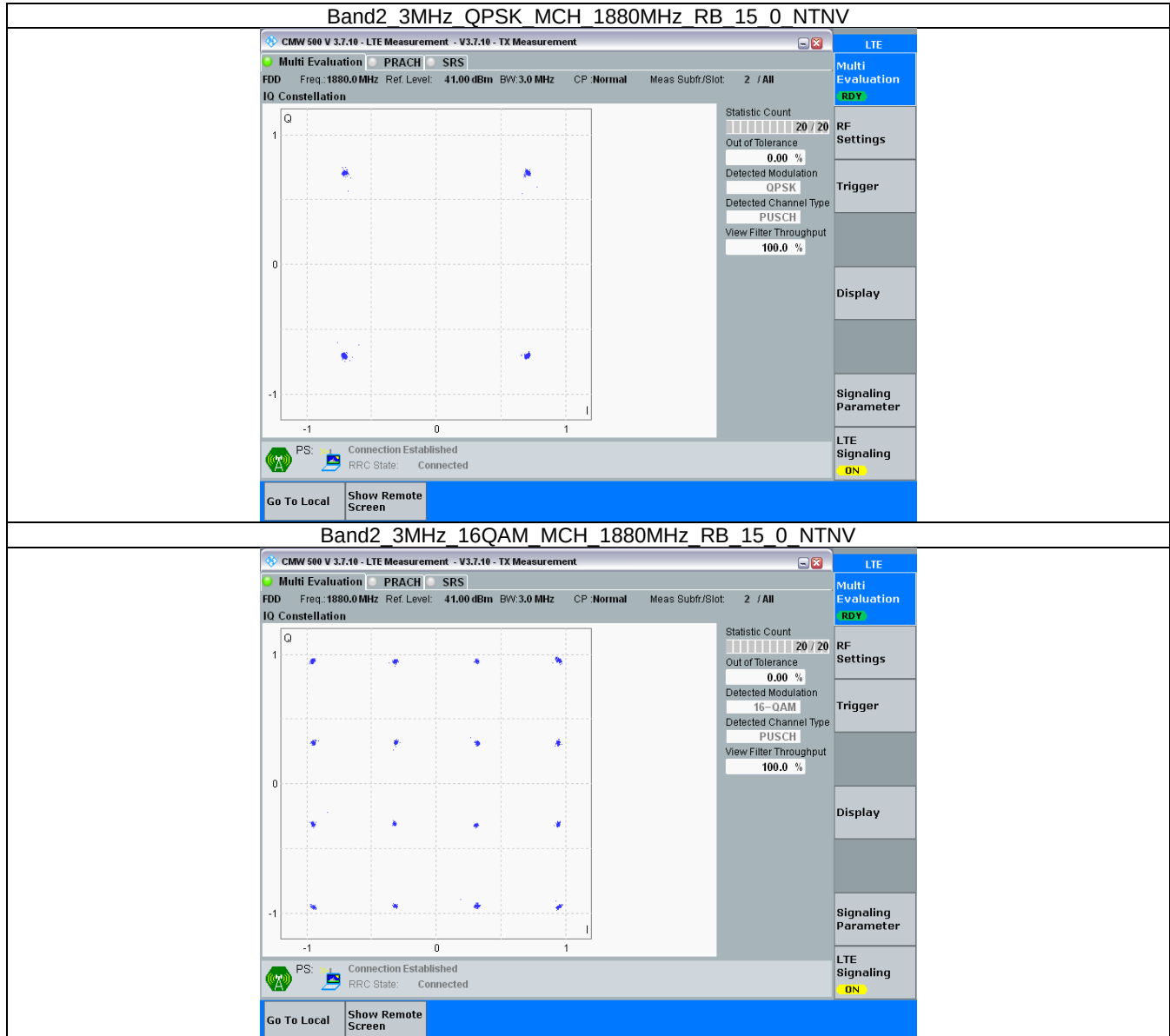
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

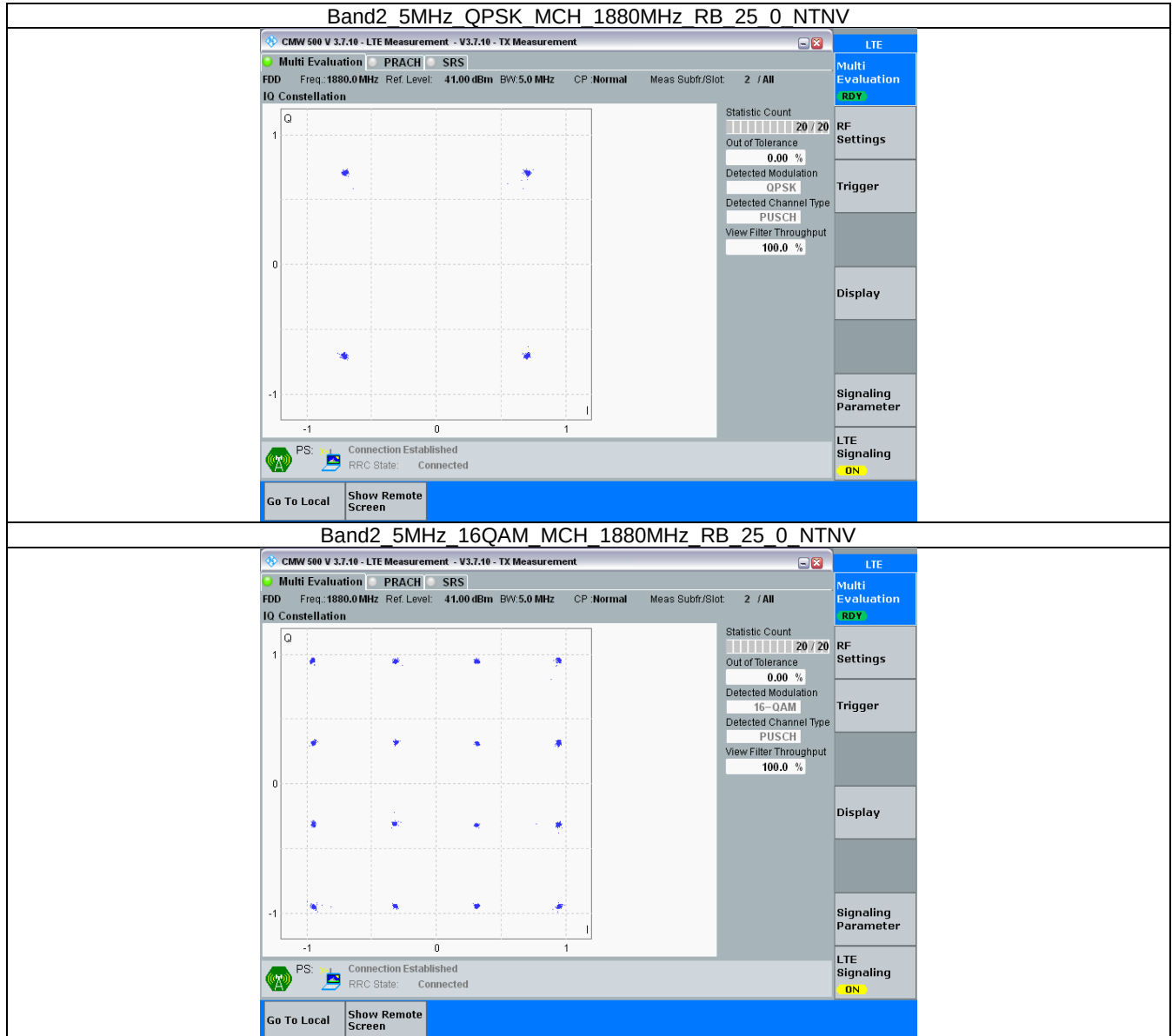
3.2.1 B2_1.4MHz



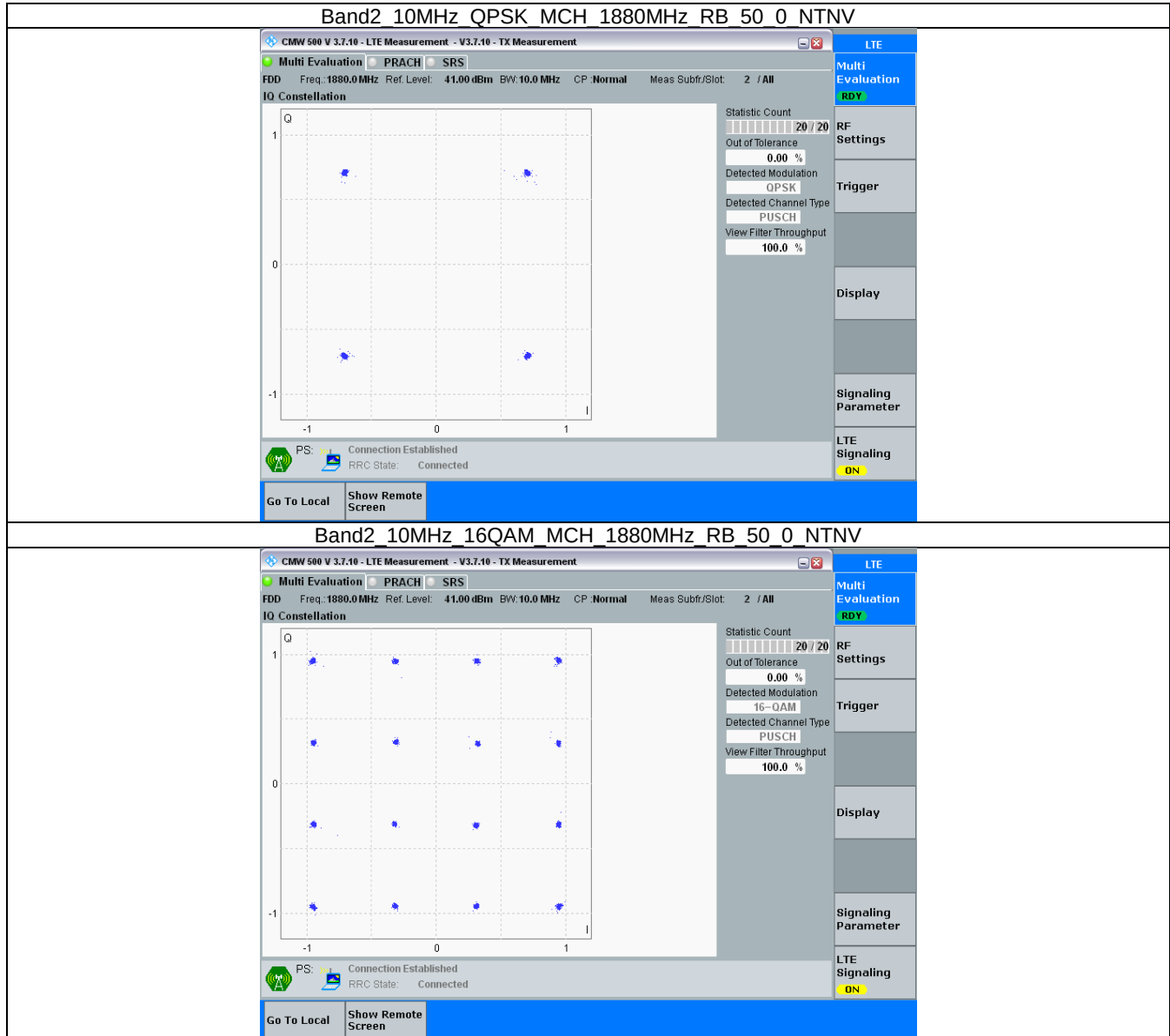
3.2.2 B2_3MHz



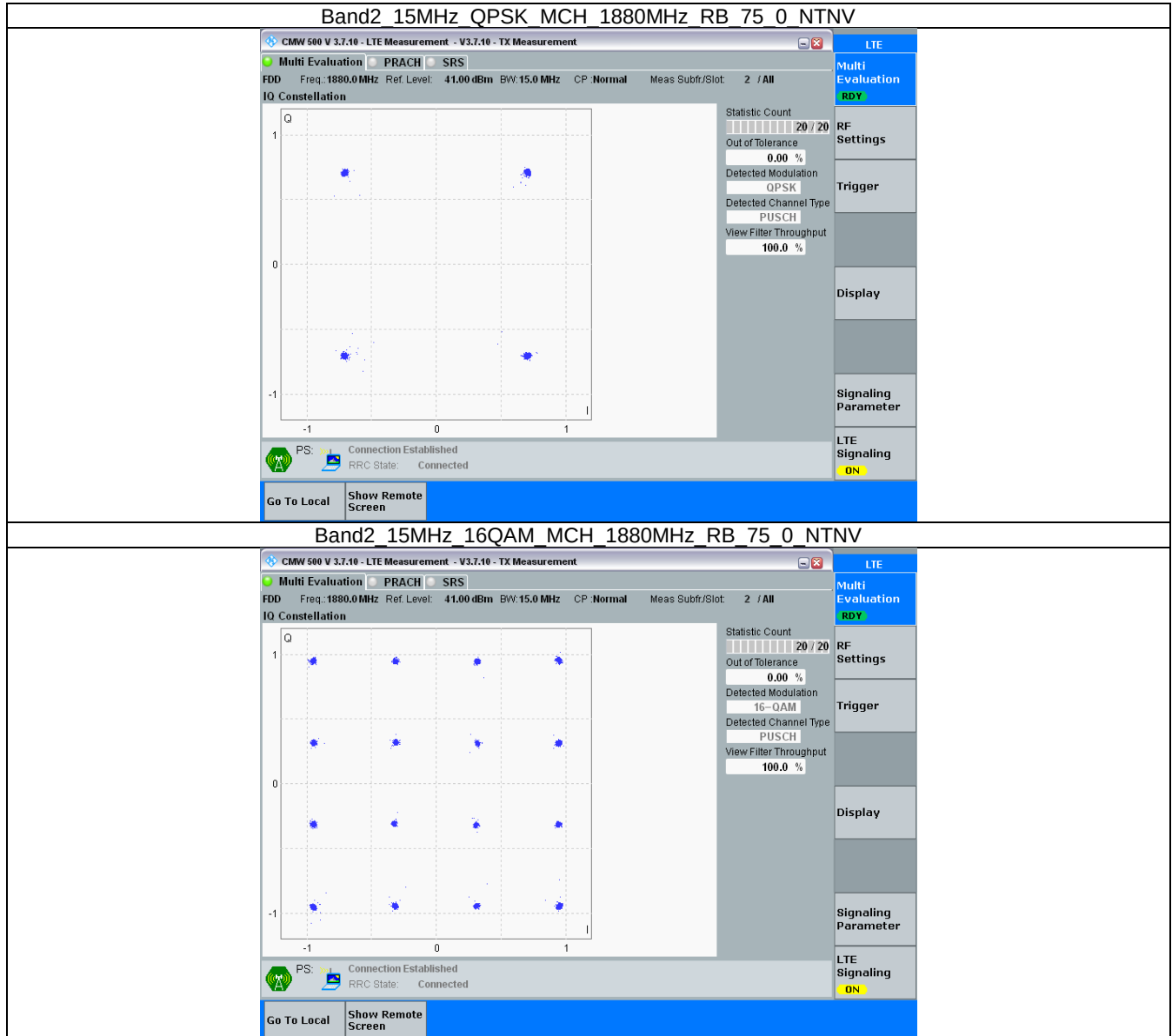
3.2.3 B2_5MHz



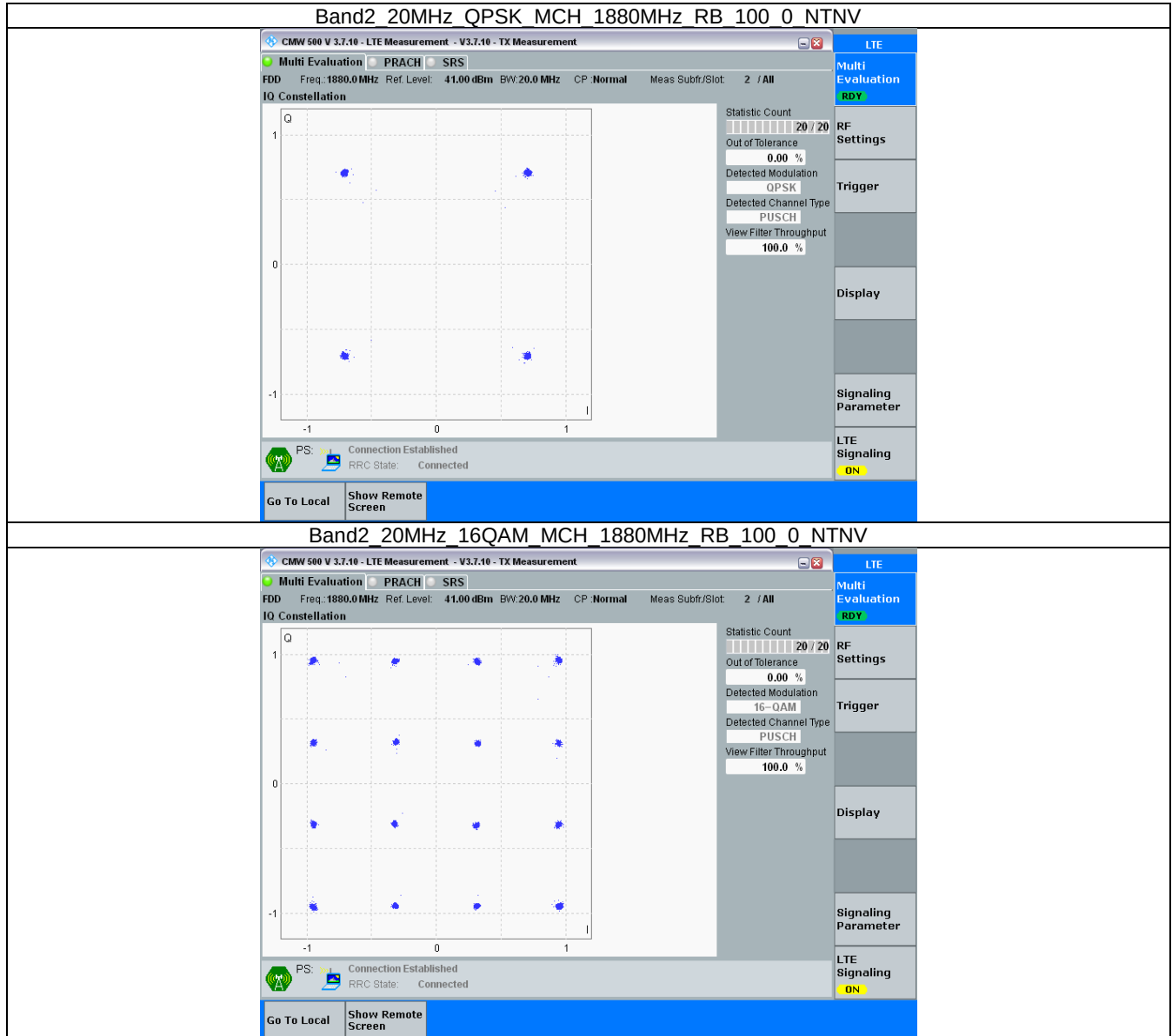
3.2.4 B2_10MHz



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 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.086	/	Pass
		1880	6	0	1.081	/	Pass
		1909.3	6	0	1.080	/	Pass
	16QAM	1850.7	6	0	1.081	/	Pass
		1880	6	0	1.080	/	Pass
		1909.3	6	0	1.080	/	Pass
3	QPSK	1851.5	15	0	2.688	/	Pass
		1880	15	0	2.691	/	Pass
		1908.5	15	0	2.682	/	Pass
	16QAM	1851.5	15	0	2.681	/	Pass
		1880	15	0	2.685	/	Pass
		1908.5	15	0	2.677	/	Pass
5	QPSK	1852.5	25	0	4.468	/	Pass
		1880	25	0	4.462	/	Pass
		1907.5	25	0	4.474	/	Pass
	16QAM	1852.5	25	0	4.472	/	Pass
		1880	25	0	4.472	/	Pass
		1907.5	25	0	4.472	/	Pass
10	QPSK	1855	50	0	8.959	/	Pass
		1880	50	0	8.962	/	Pass
		1905	50	0	8.963	/	Pass
	16QAM	1855	50	0	8.965	/	Pass
		1880	50	0	8.956	/	Pass
		1905	50	0	8.944	/	Pass
15	QPSK	1857.5	75	0	13.406	/	Pass
		1880	75	0	13.410	/	Pass
		1902.5	75	0	13.426	/	Pass
	16QAM	1857.5	75	0	13.429	/	Pass
		1880	75	0	13.447	/	Pass
		1902.5	75	0	13.412	/	Pass
20	QPSK	1860	100	0	17.889	/	Pass
		1880	100	0	17.869	/	Pass
		1900	100	0	17.920	/	Pass
	16QAM	1860	100	0	17.844	/	Pass
		1880	100	0	17.920	/	Pass
		1900	100	0	17.882	/	Pass

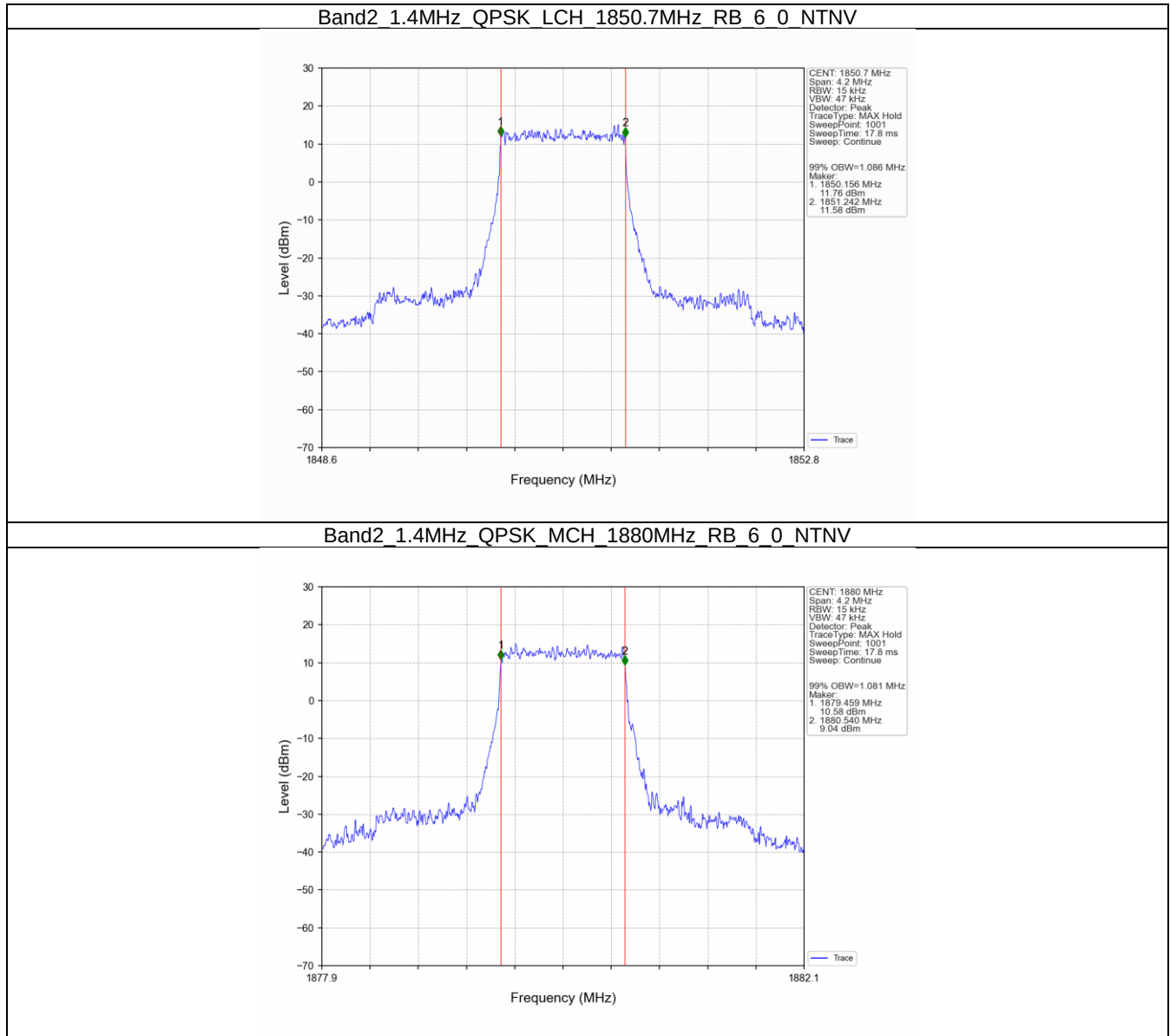
4.1.2 Band2_XDB

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.235	/	Pass
		1880	6	0	1.256	/	Pass
		1909.3	6	0	1.241	/	Pass
	16QAM	1850.7	6	0	1.259	/	Pass
		1880	6	0	1.213	/	Pass
		1909.3	6	0	1.275	/	Pass
3	QPSK	1851.5	15	0	2.884	/	Pass

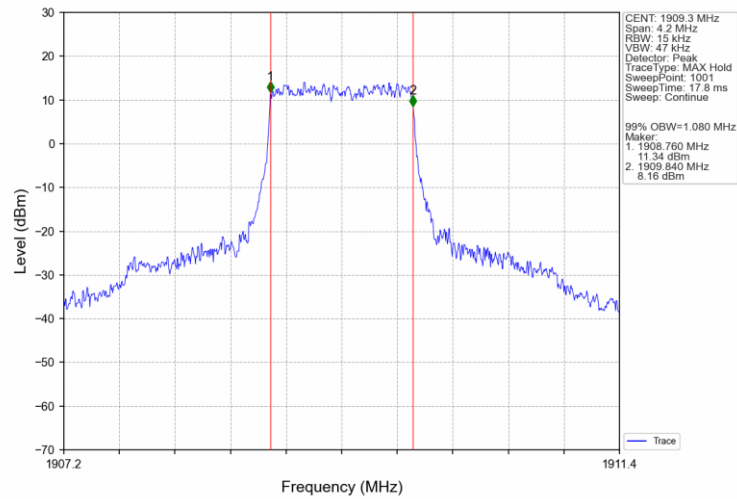
	16QAM	1880	15	0	2.886	/	Pass
		1908.5	15	0	2.885	/	Pass
		1851.5	15	0	2.870	/	Pass
		1880	15	0	2.904	/	Pass
		1908.5	15	0	2.874	/	Pass
5	QPSK	1852.5	25	0	4.883	/	Pass
		1880	25	0	4.850	/	Pass
		1907.5	25	0	4.875	/	Pass
	16QAM	1852.5	25	0	4.870	/	Pass
		1880	25	0	4.857	/	Pass
		1907.5	25	0	4.839	/	Pass
10	QPSK	1855	50	0	9.569	/	Pass
		1880	50	0	9.544	/	Pass
		1905	50	0	9.634	/	Pass
	16QAM	1855	50	0	9.604	/	Pass
		1880	50	0	9.570	/	Pass
		1905	50	0	9.546	/	Pass
15	QPSK	1857.5	75	0	14.355	/	Pass
		1880	75	0	14.330	/	Pass
		1902.5	75	0	14.509	/	Pass
	16QAM	1857.5	75	0	14.248	/	Pass
		1880	75	0	14.305	/	Pass
		1902.5	75	0	14.399	/	Pass
20	QPSK	1860	100	0	19.052	/	Pass
		1880	100	0	18.988	/	Pass
		1900	100	0	18.920	/	Pass
	16QAM	1860	100	0	19.092	/	Pass
		1880	100	0	19.101	/	Pass
		1900	100	0	18.993	/	Pass

4.2 Test Graph

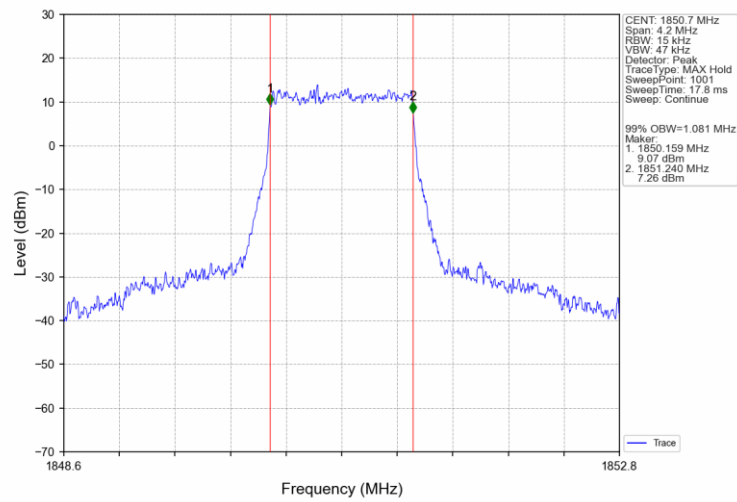
4.2.1 Band2_OBW



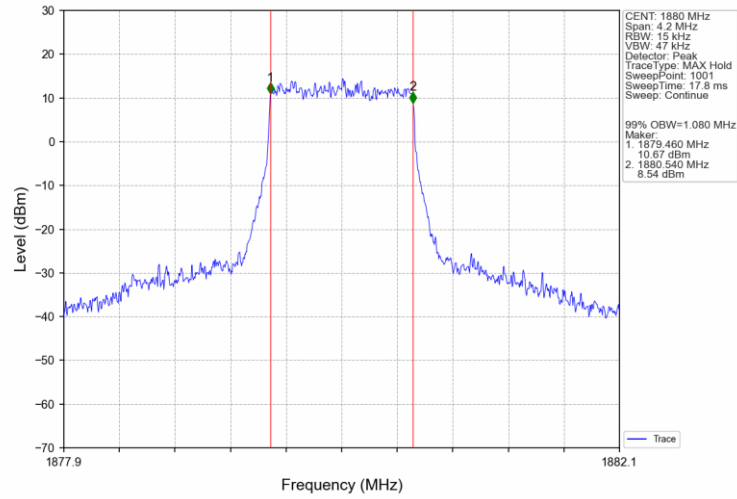
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



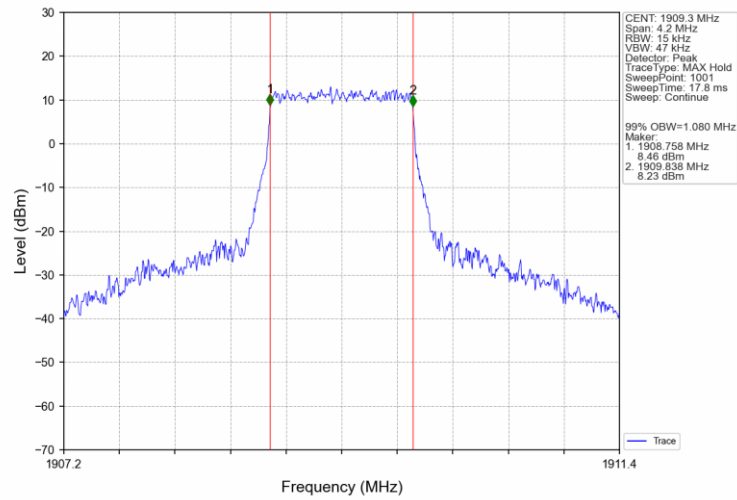
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



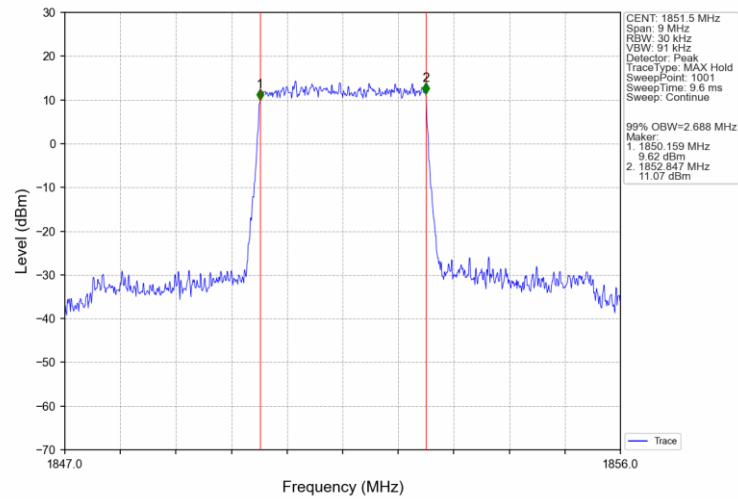
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



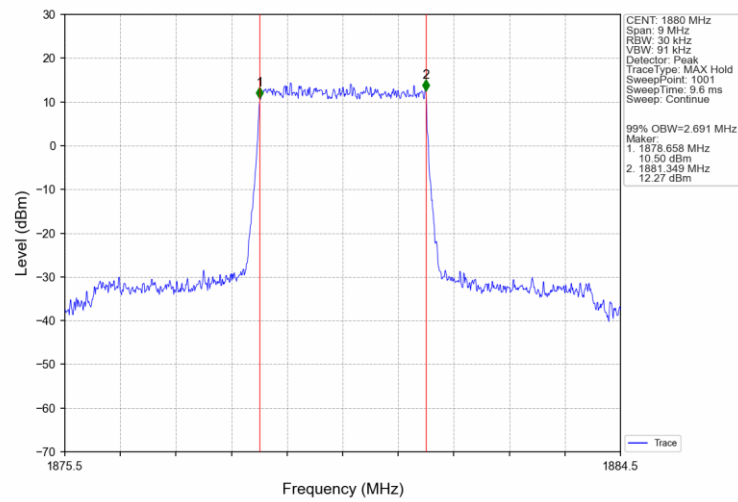
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



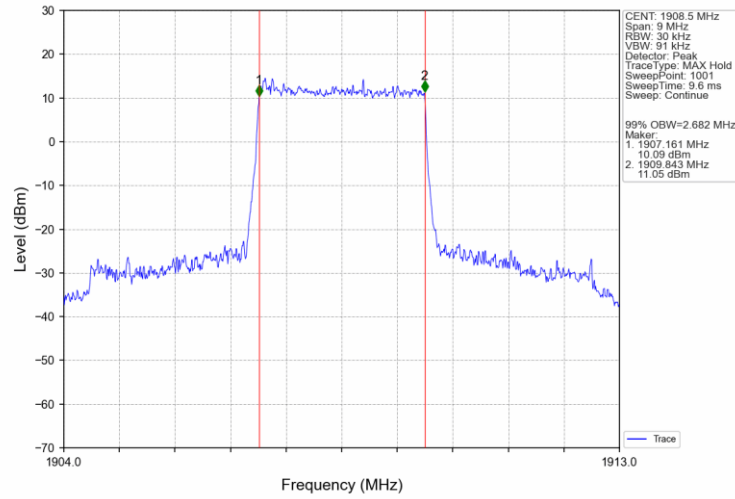
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



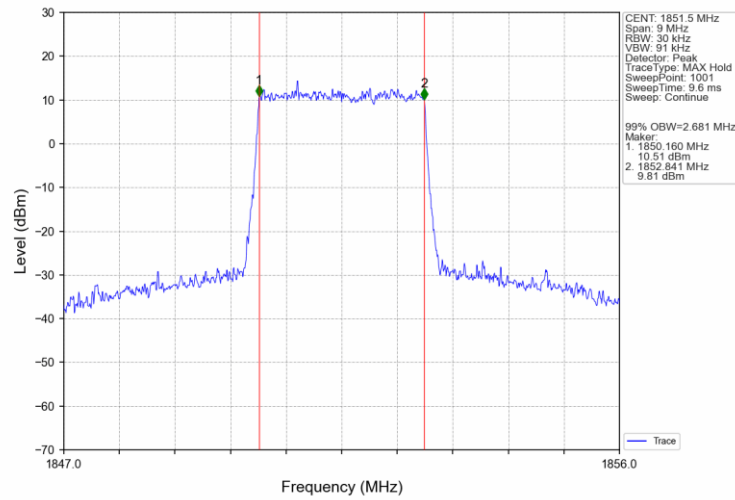
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



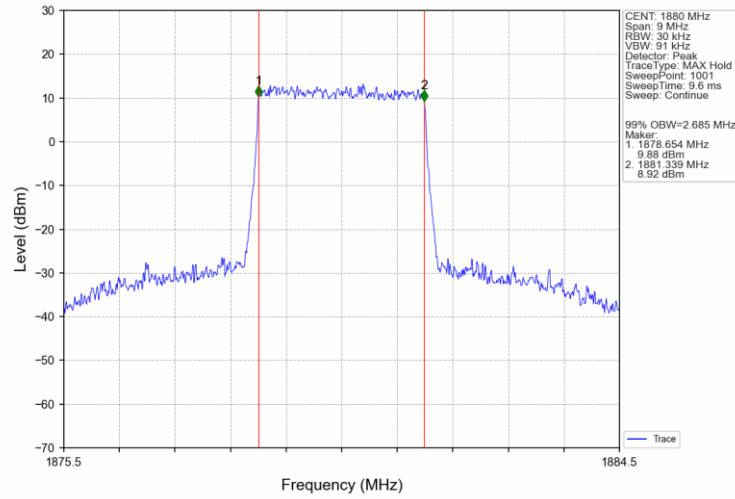
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



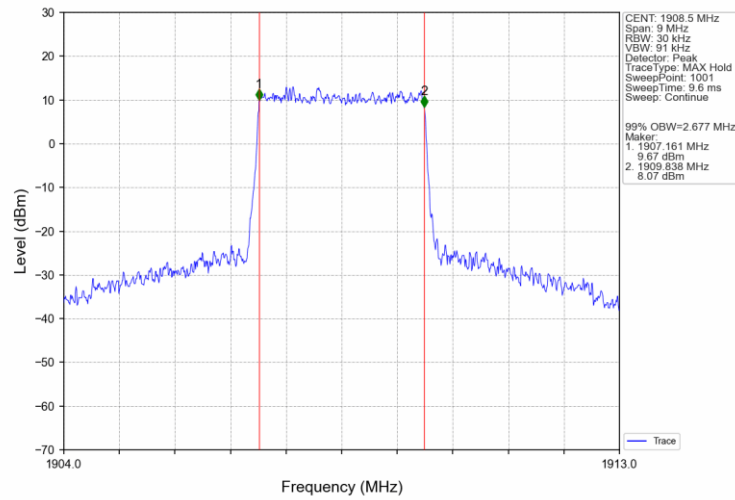
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



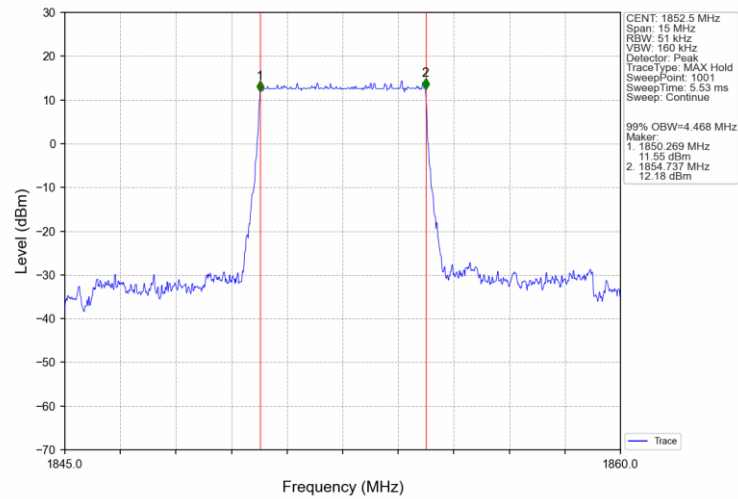
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



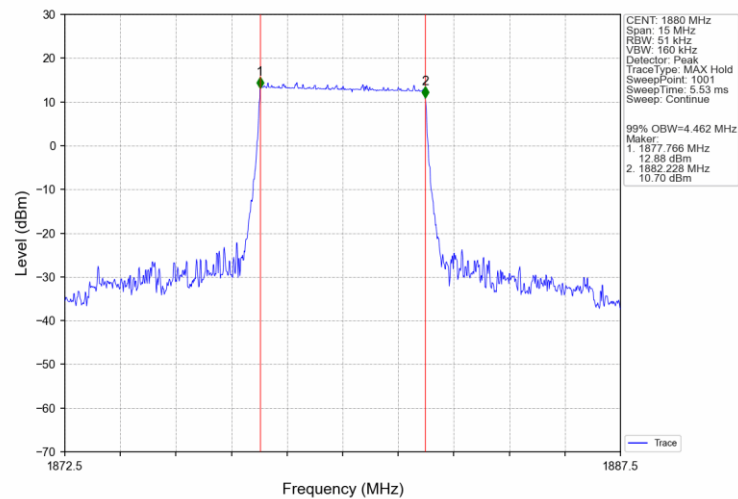
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



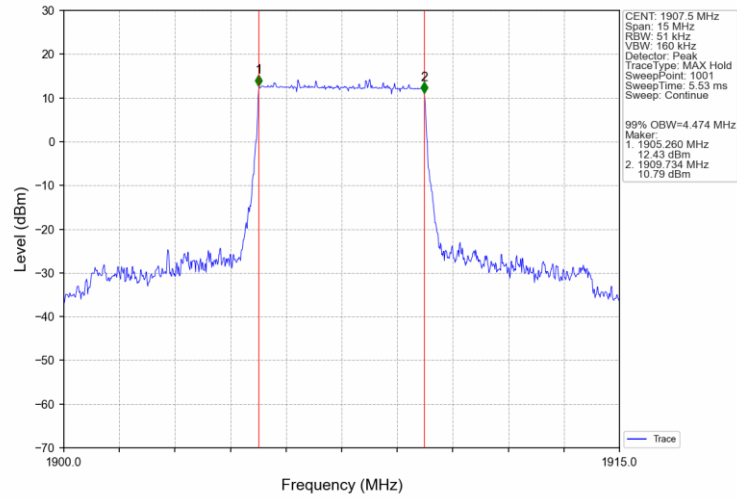
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



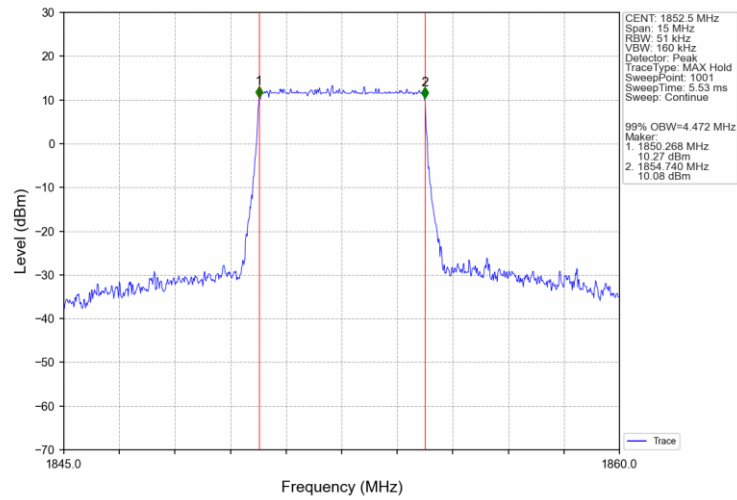
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



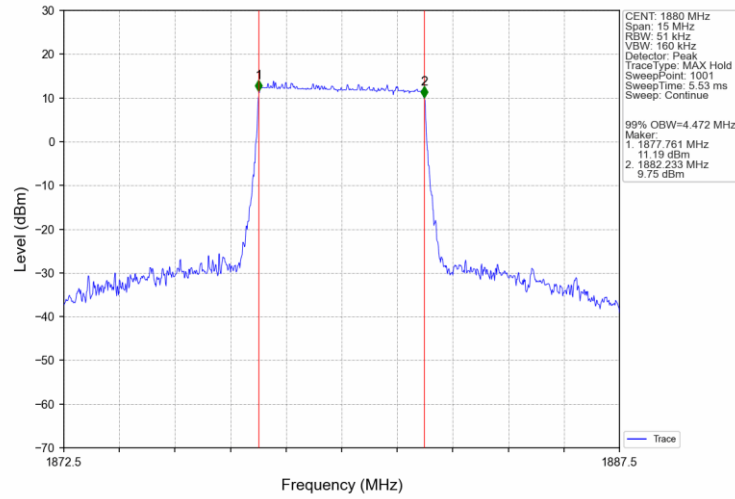
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



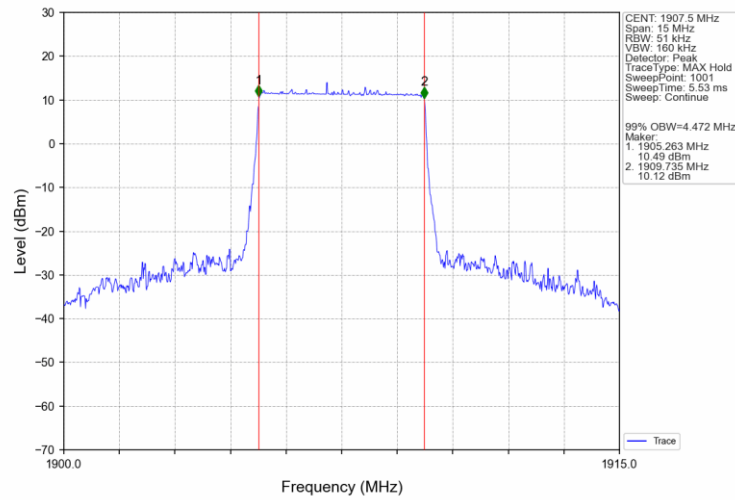
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



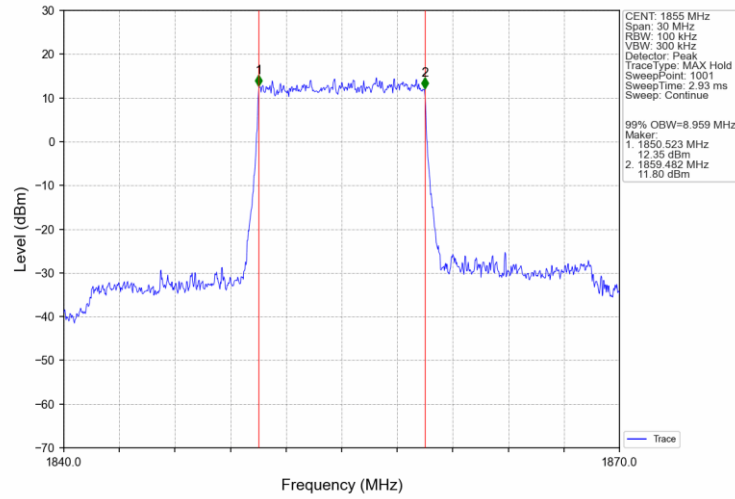
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTV



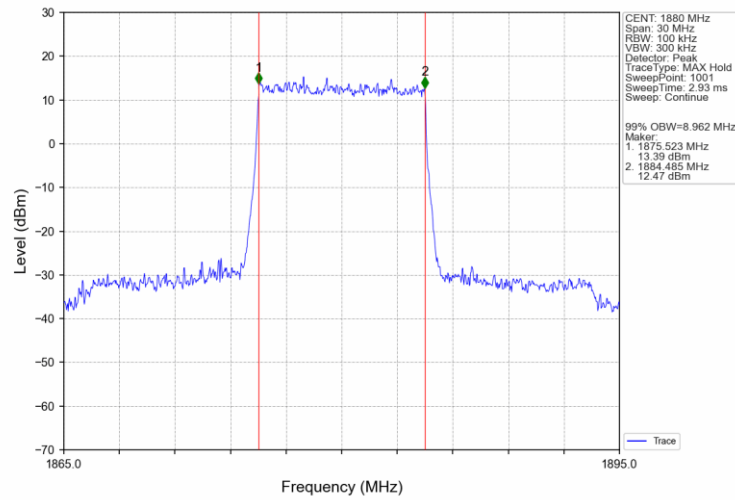
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTV



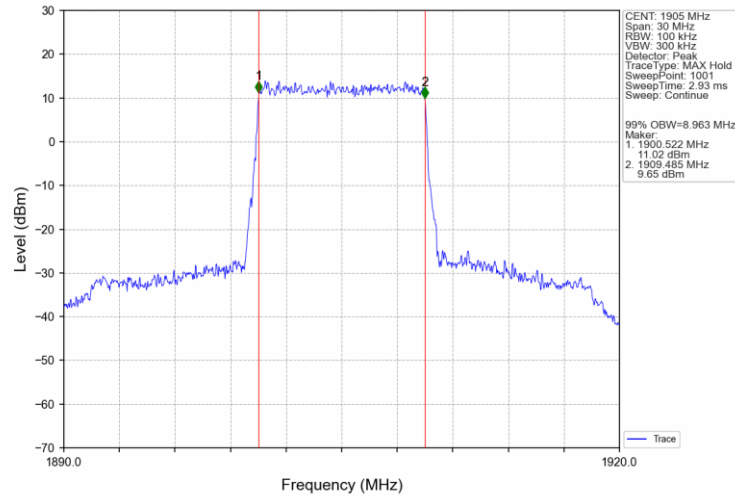
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



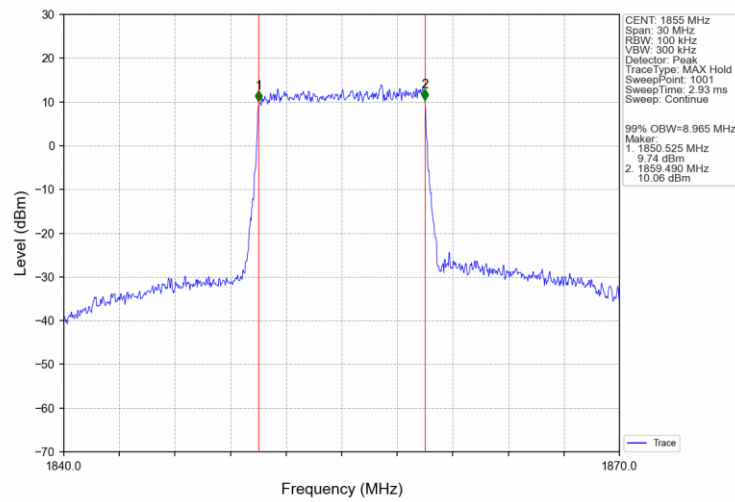
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



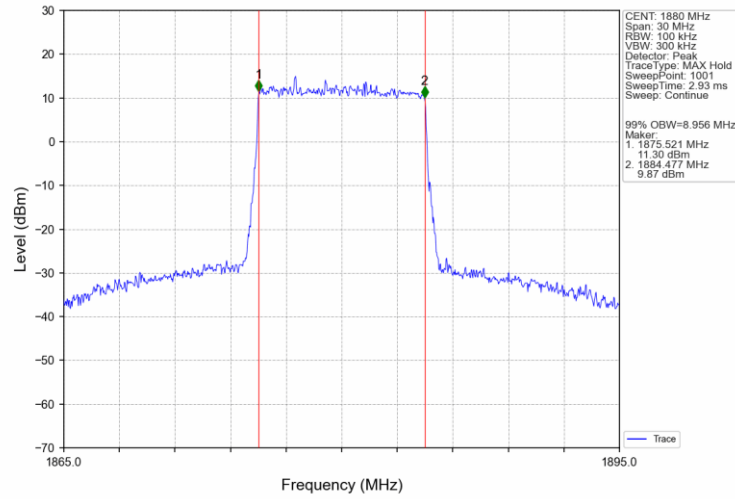
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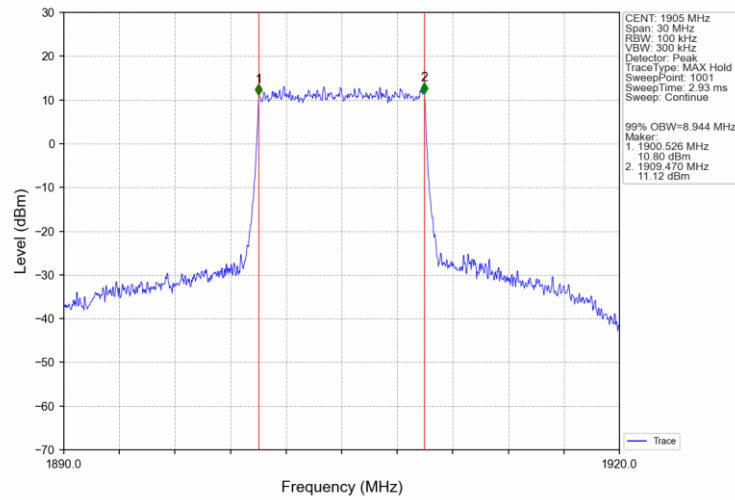
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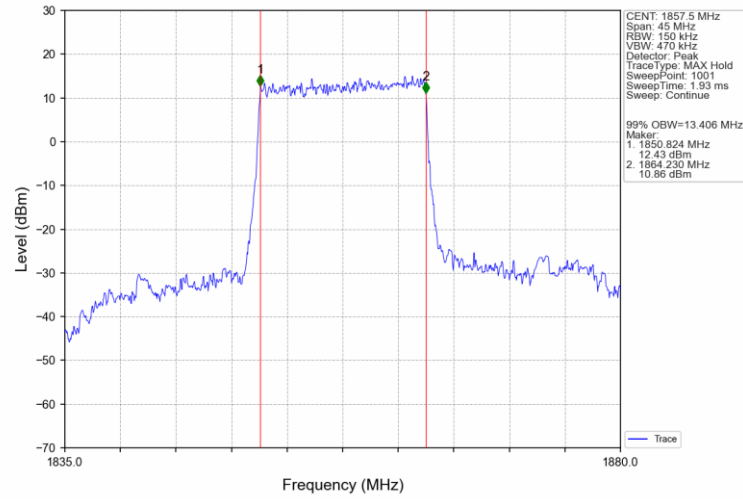
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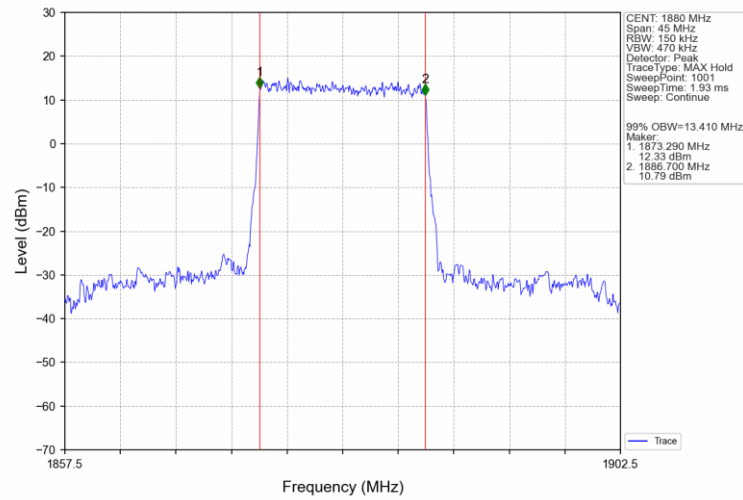
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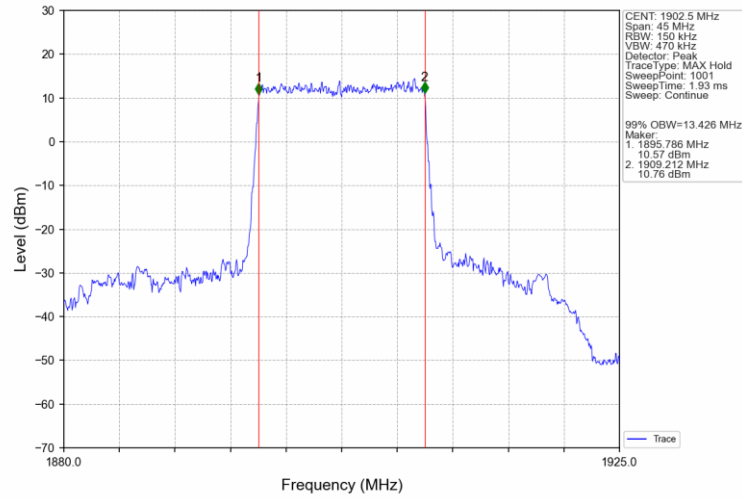
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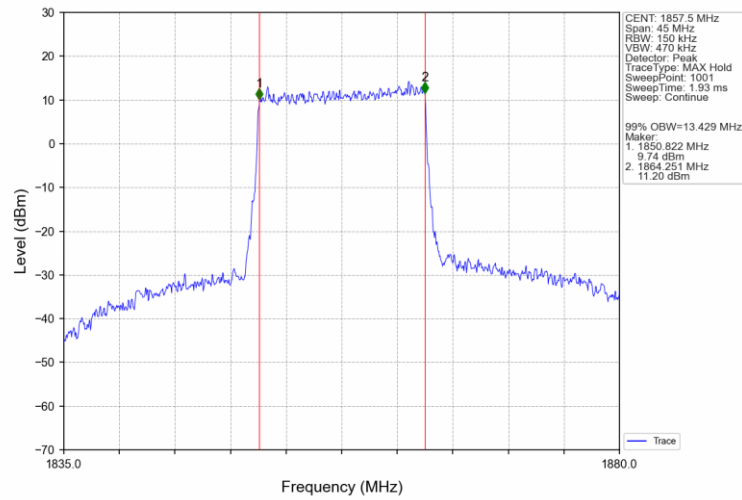
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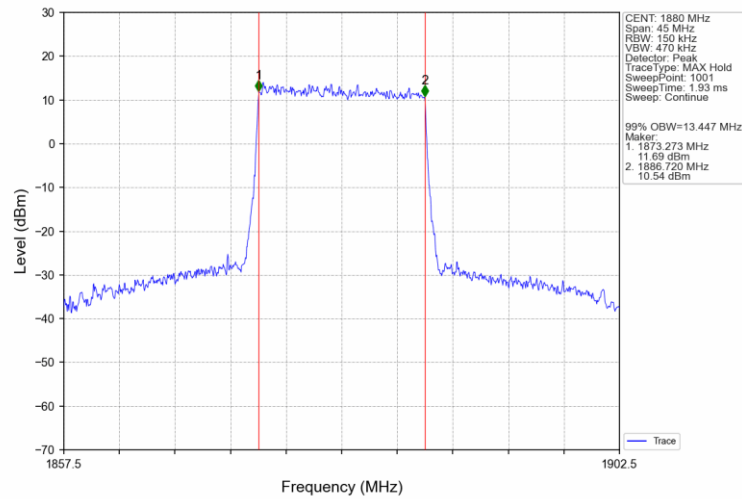
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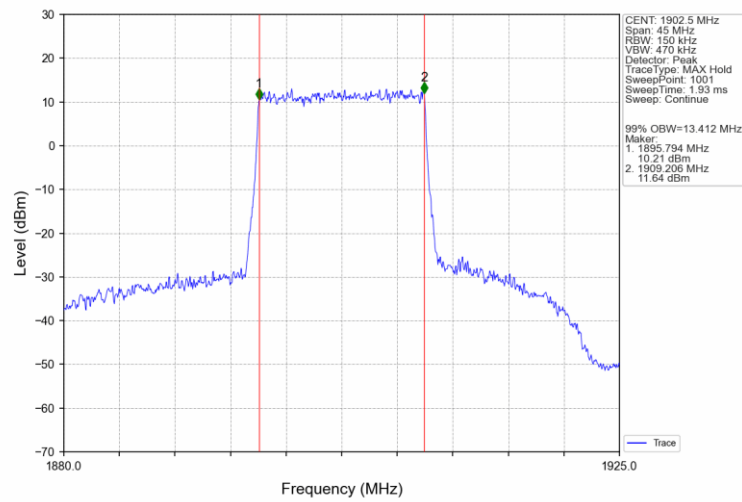
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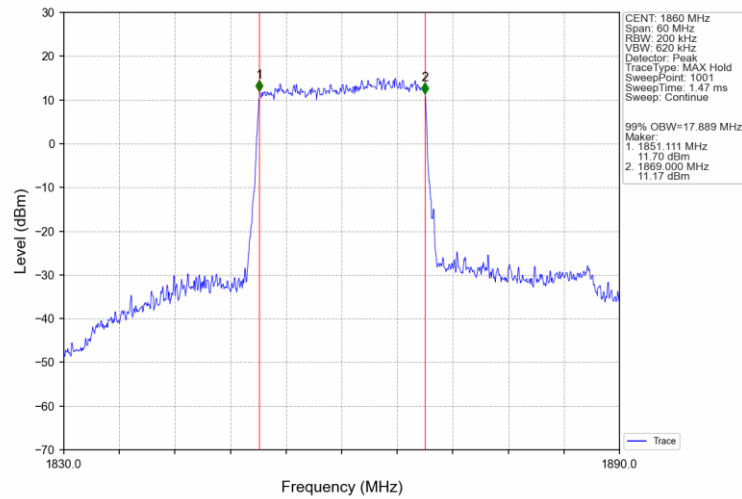
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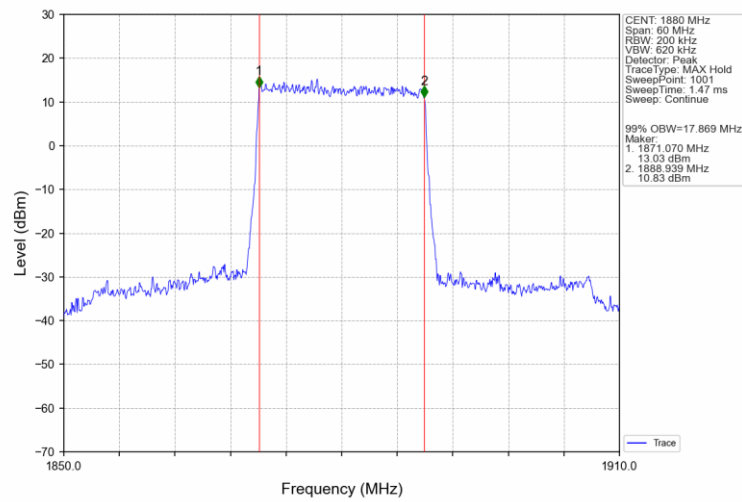
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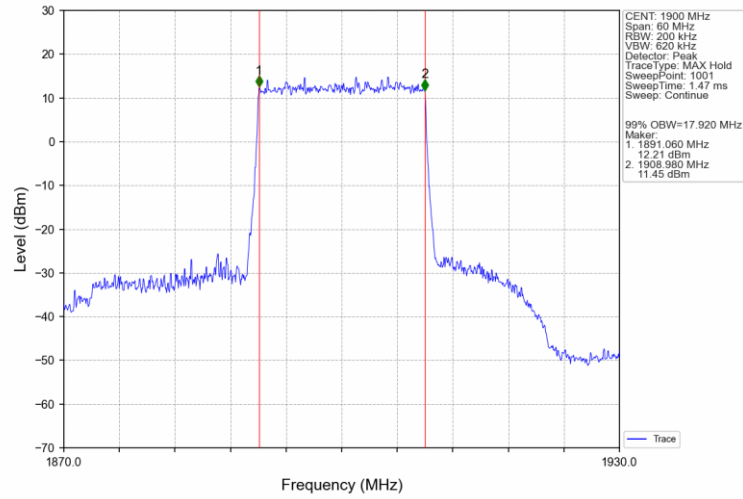
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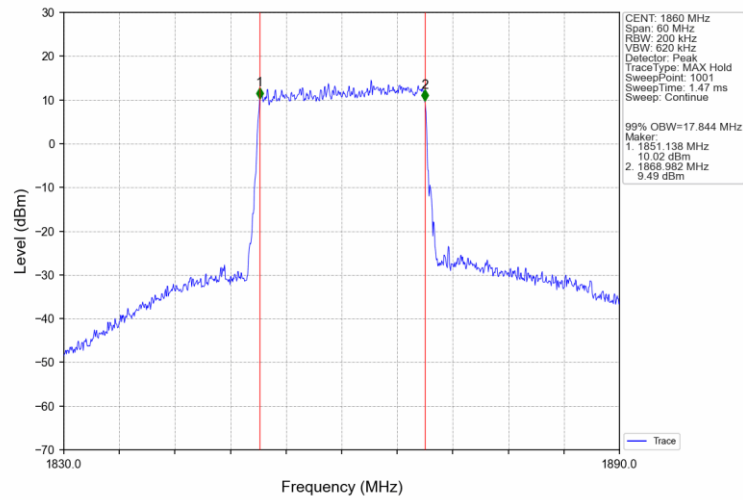
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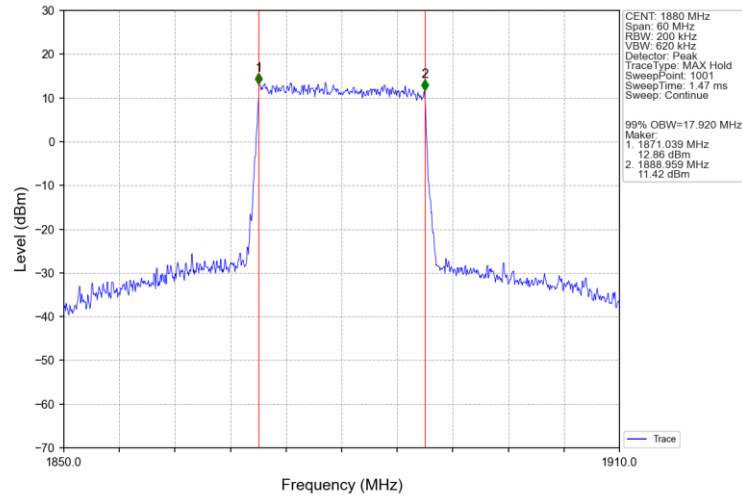
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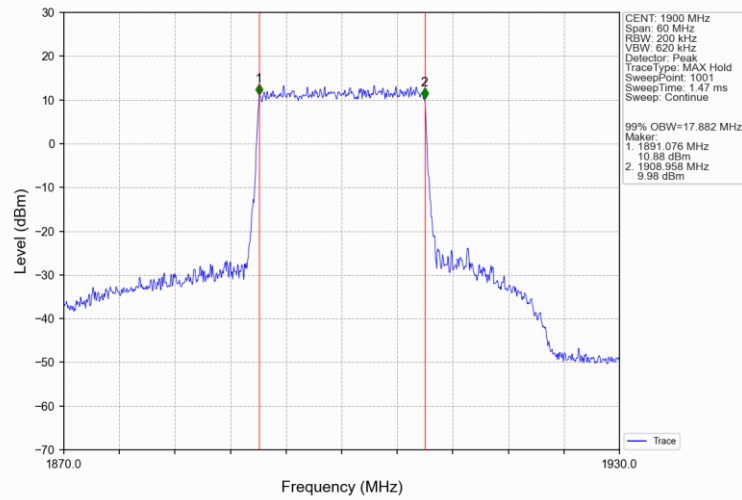
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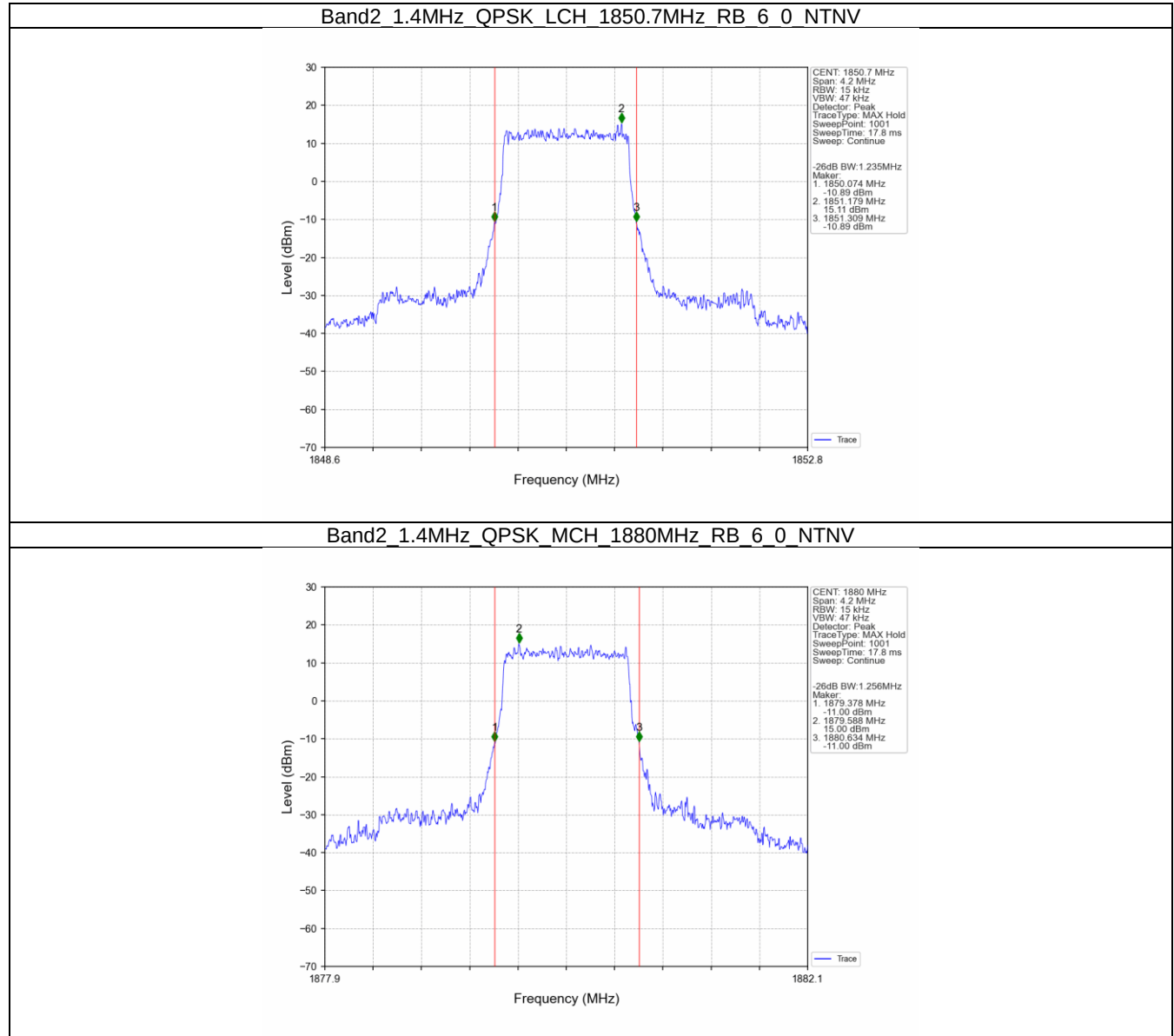
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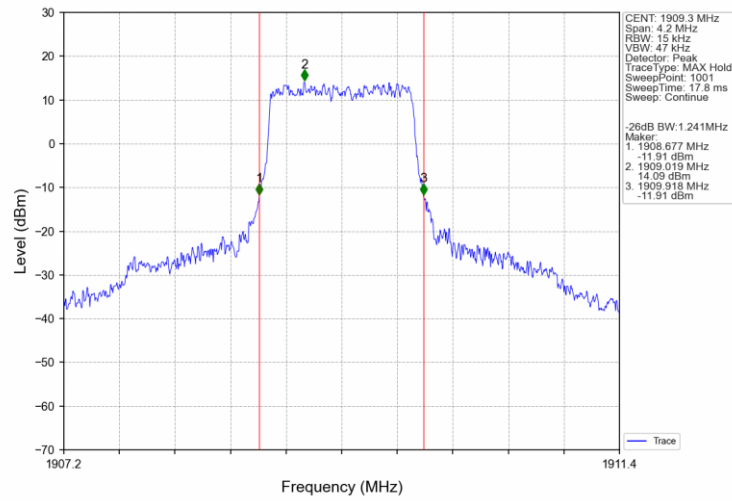
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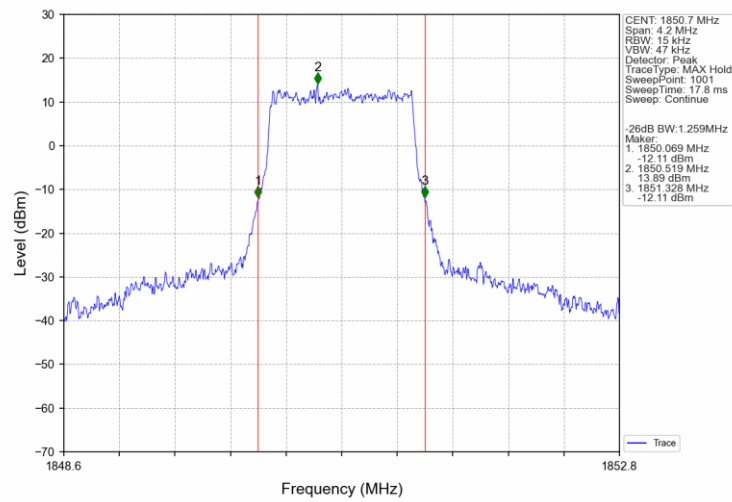
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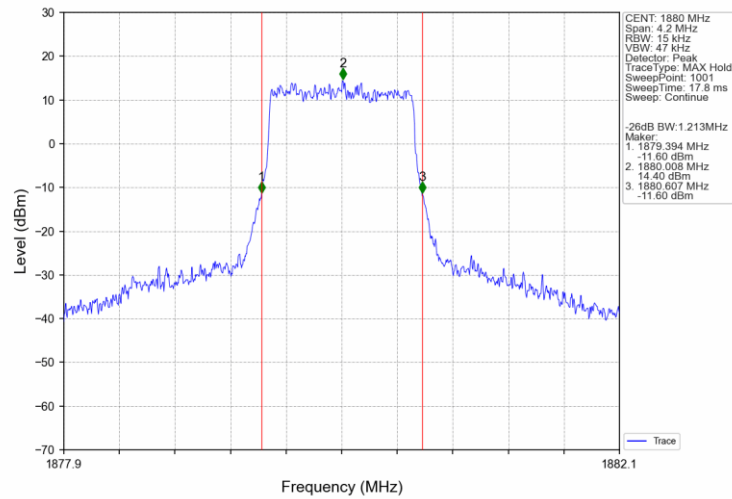
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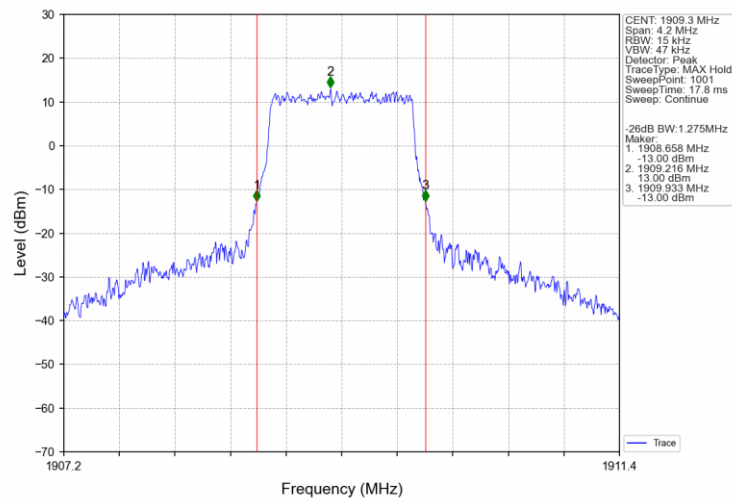
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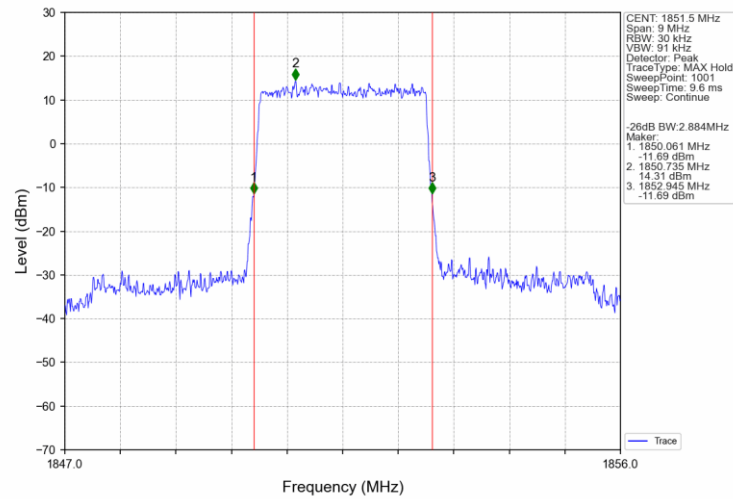
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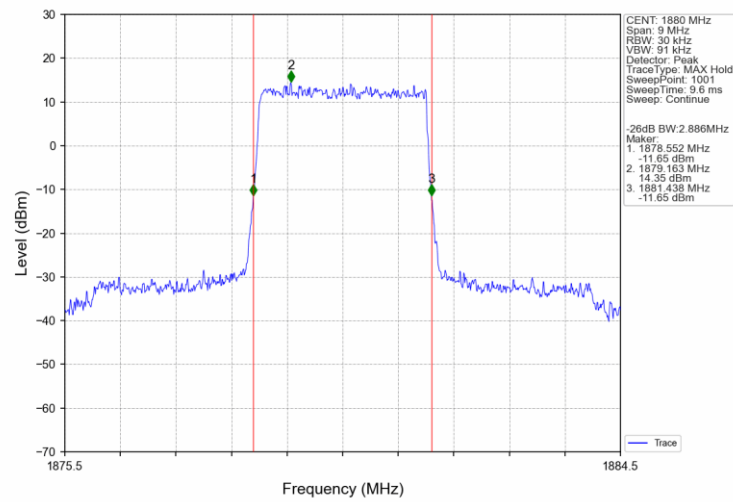
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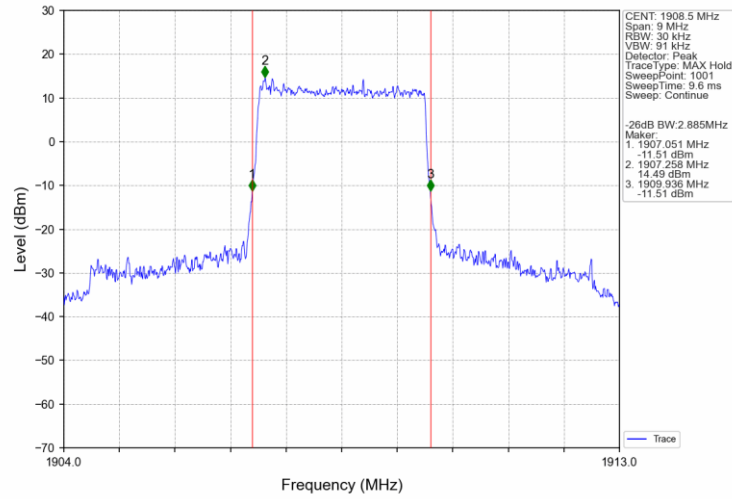
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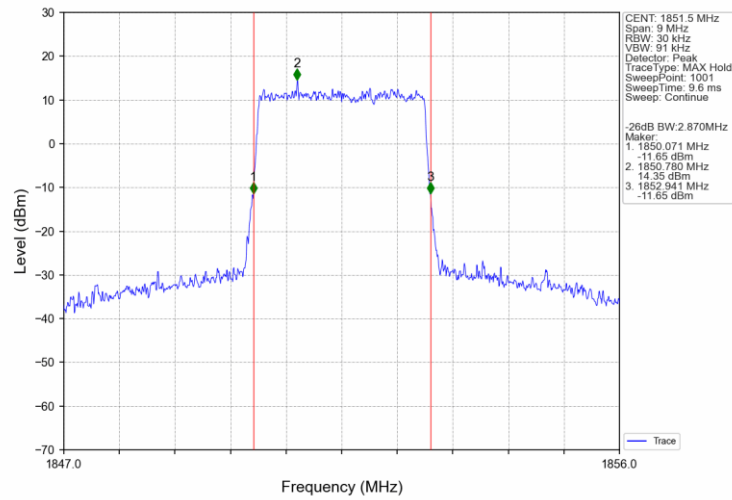
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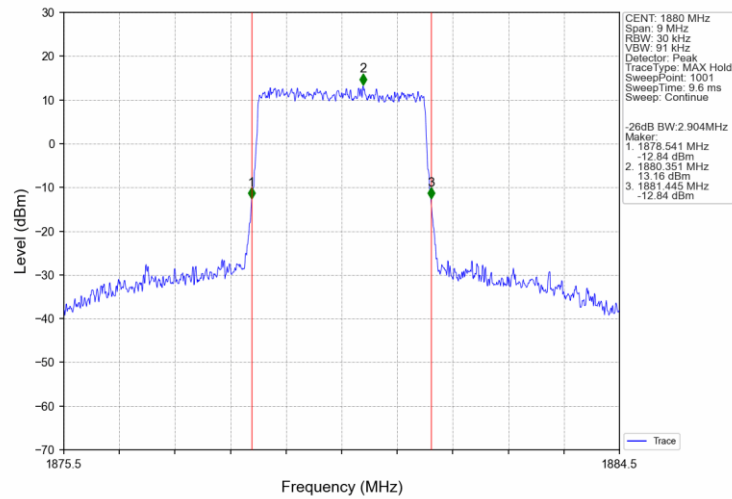
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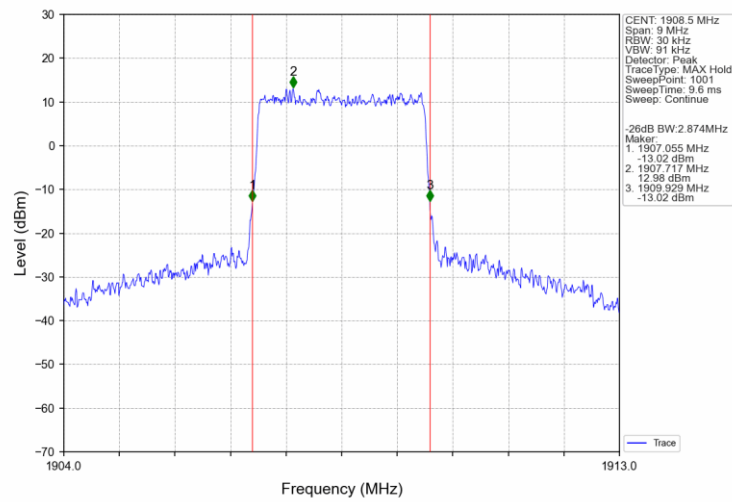
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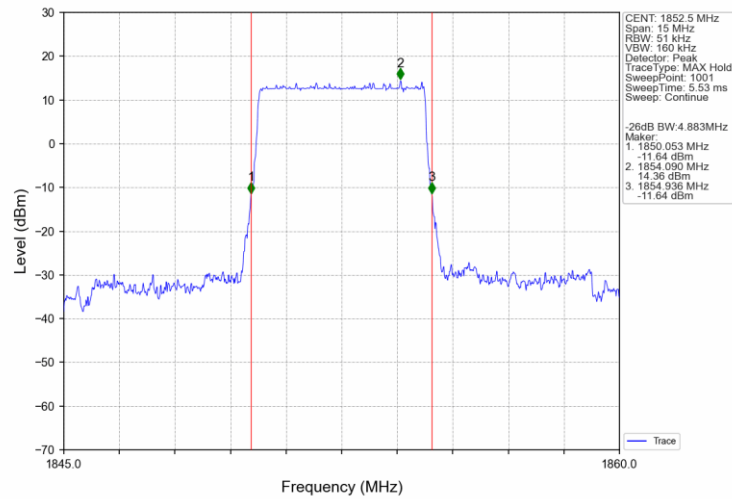
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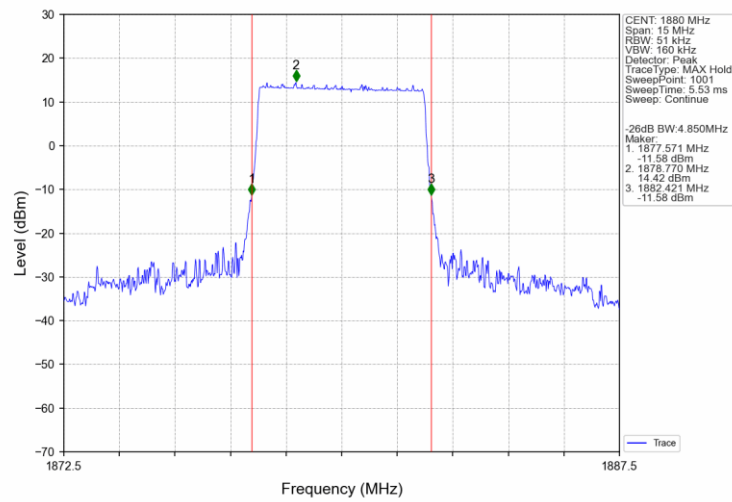
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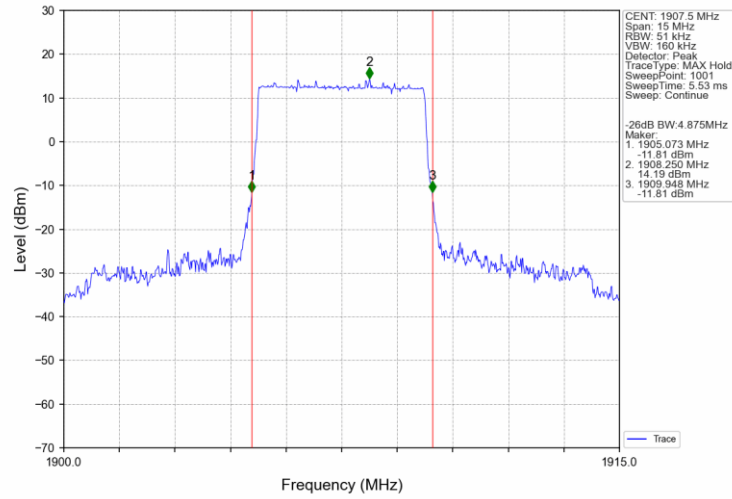
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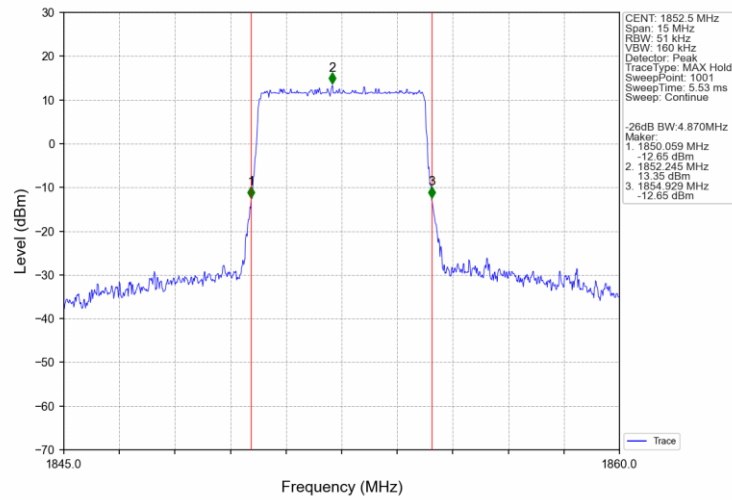
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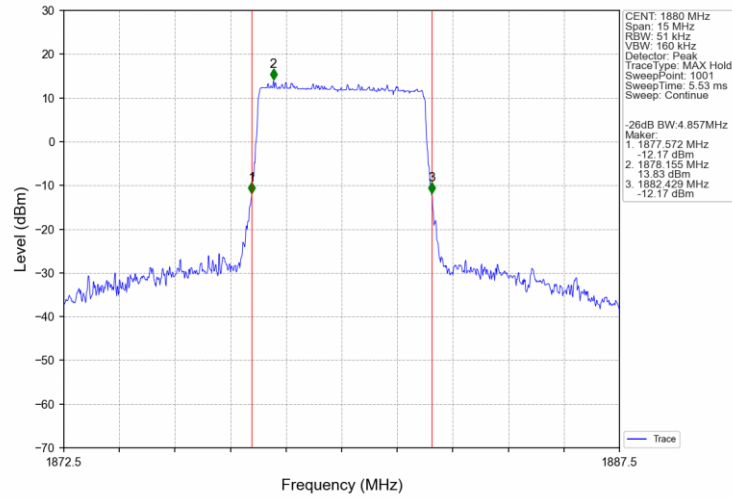
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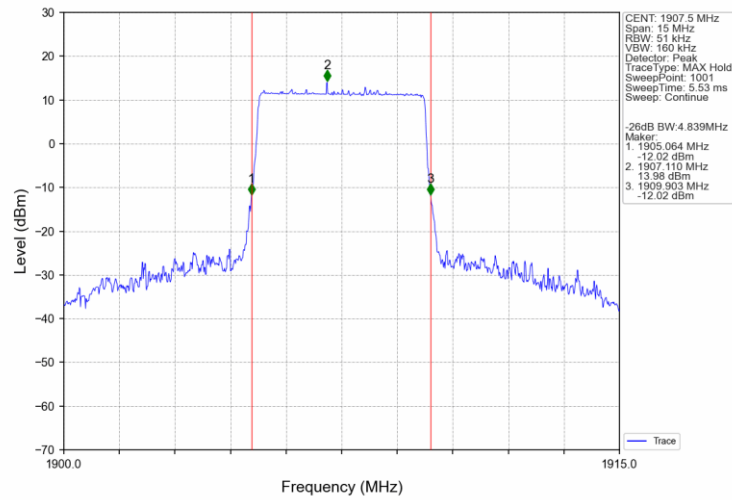
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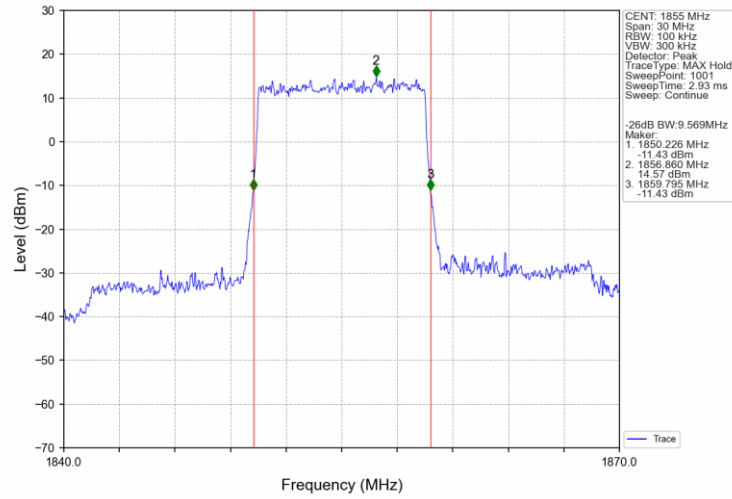
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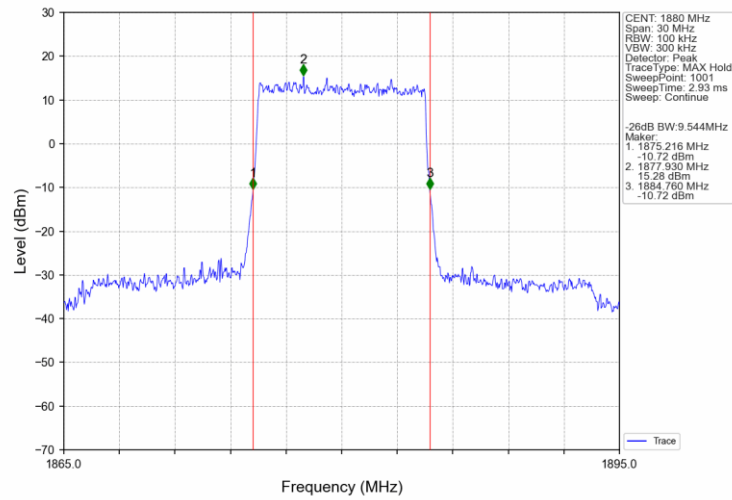
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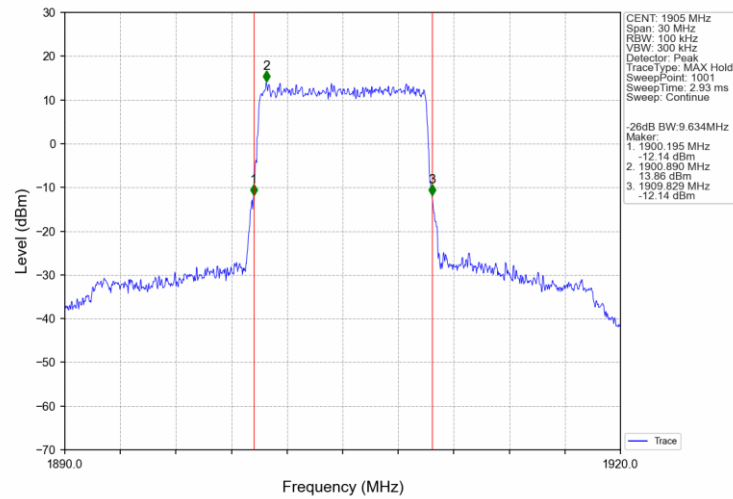
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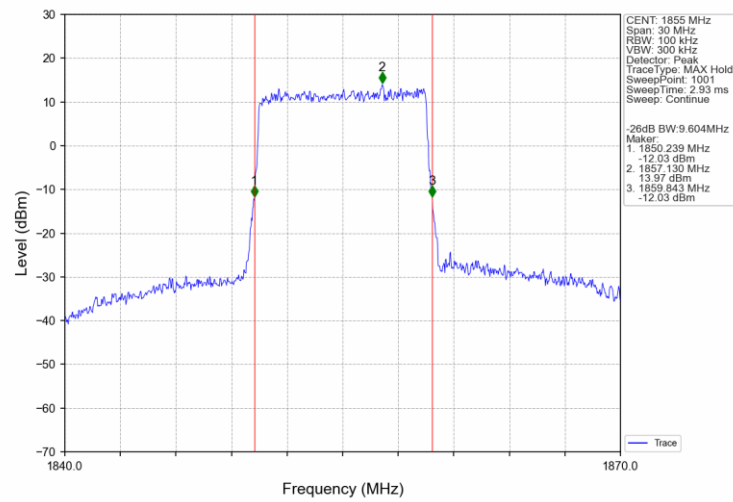
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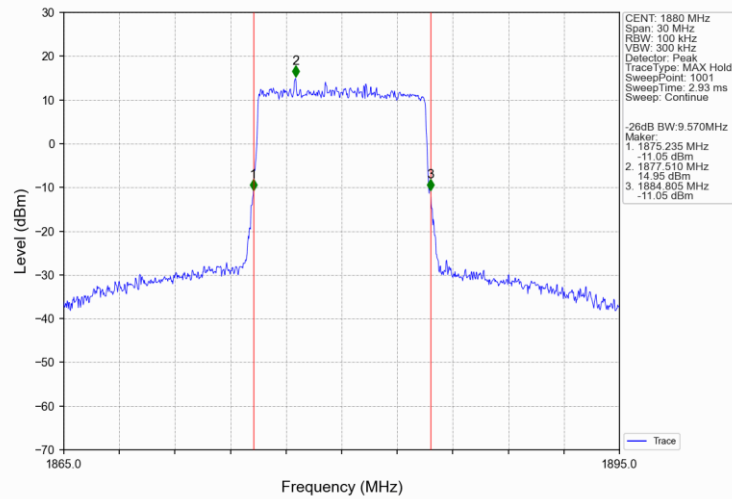
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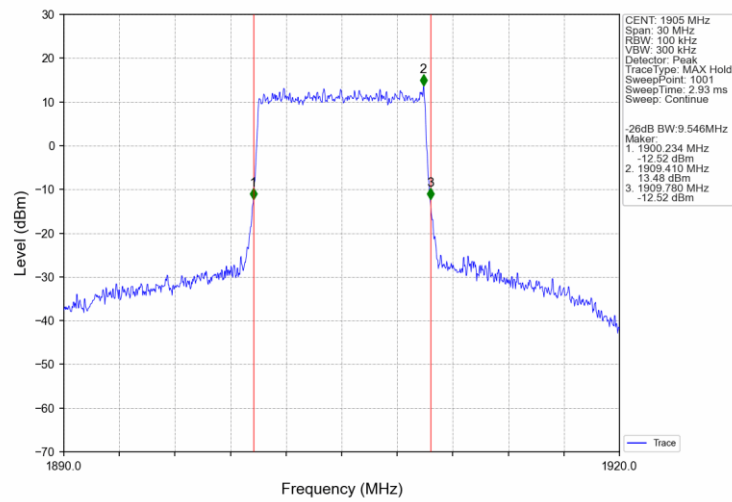
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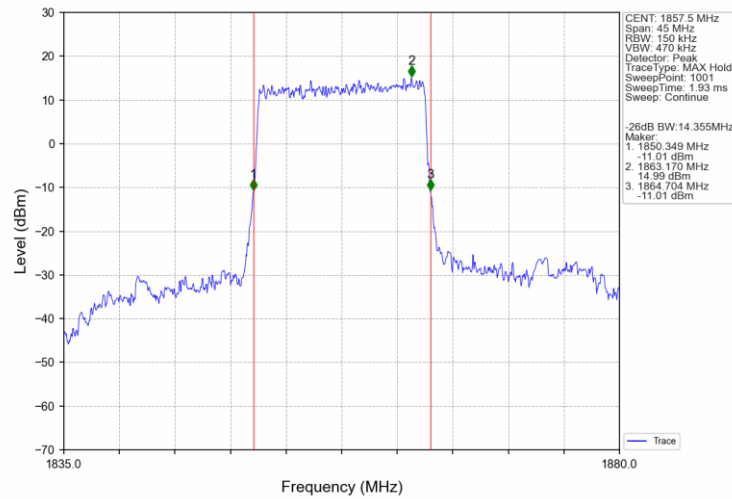
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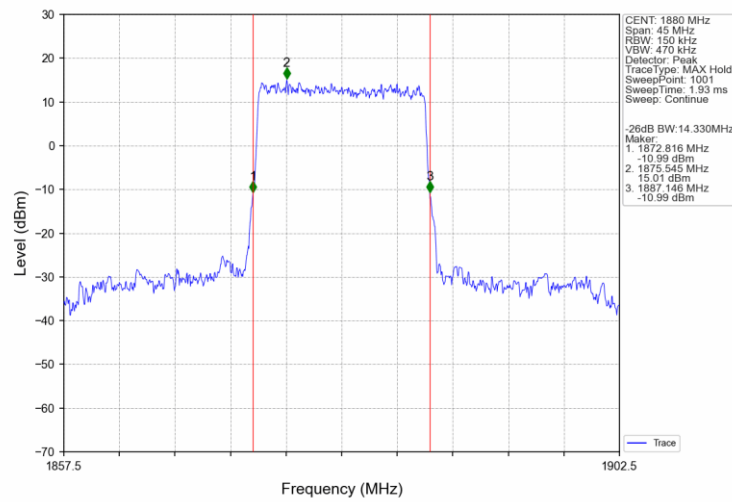
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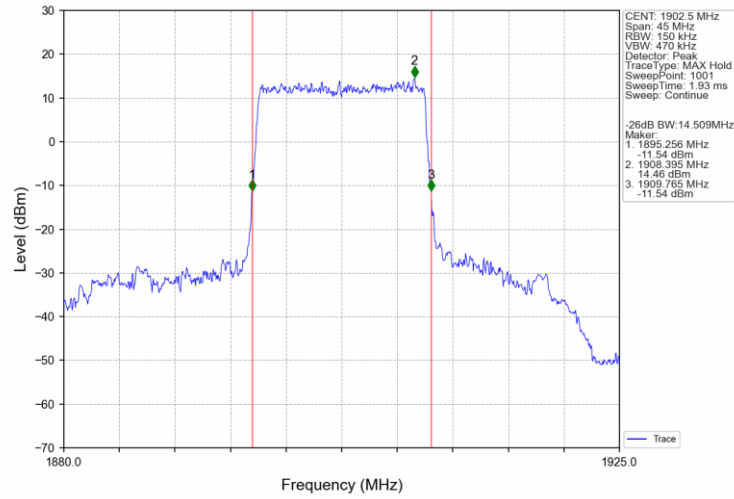
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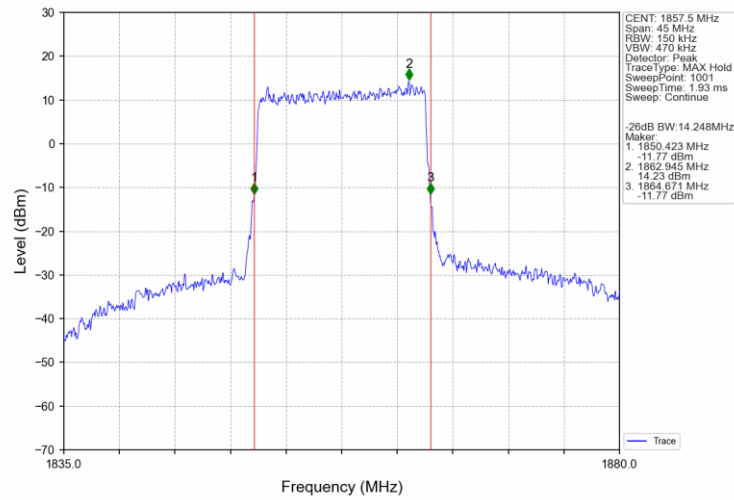
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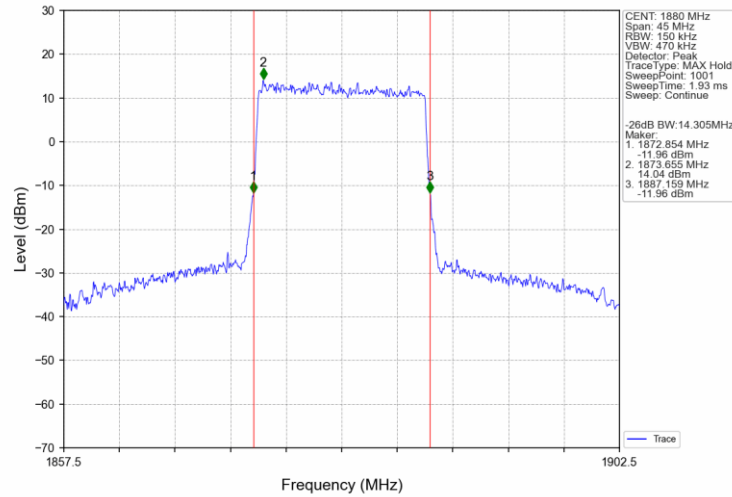
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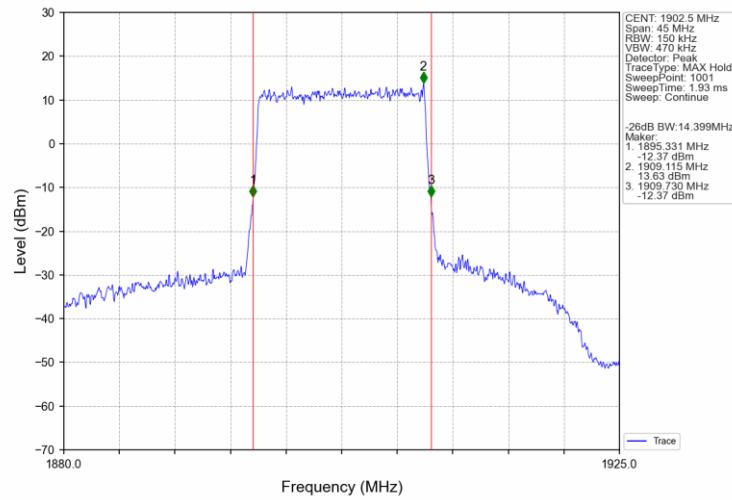
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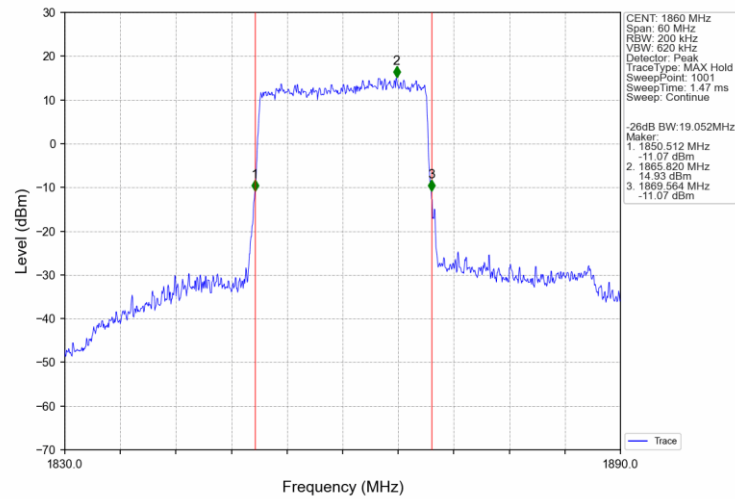
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



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

