

Appendix Test Data for LTE_band_25

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / 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	23.81	0.22	24.03	<=33.01	Pass
			2	23.97	0.22	24.19	<=33.01	Pass
			5	23.82	0.22	24.04	<=33.01	Pass
		3	0	23.89	0.22	24.11	<=33.01	Pass
			2	23.91	0.22	24.13	<=33.01	Pass
			3	23.91	0.22	24.13	<=33.01	Pass
		6	0	22.85	0.22	23.07	<=33.01	Pass
	1882.5	1	0	23.06	0.22	23.28	<=33.01	Pass
			2	23.58	0.22	23.80	<=33.01	Pass
			5	23.33	0.22	23.55	<=33.01	Pass
		3	0	23.27	0.22	23.49	<=33.01	Pass
			2	23.30	0.22	23.52	<=33.01	Pass
			3	23.23	0.22	23.45	<=33.01	Pass
		6	0	22.15	0.22	22.37	<=33.01	Pass
	1914.3	1	0	23.14	0.22	23.36	<=33.01	Pass
			2	23.22	0.22	23.44	<=33.01	Pass
			5	23.10	0.22	23.32	<=33.01	Pass
		3	0	23.34	0.22	23.56	<=33.01	Pass
			2	23.28	0.22	23.50	<=33.01	Pass
			3	23.28	0.22	23.50	<=33.01	Pass
		6	0	22.19	0.22	22.41	<=33.01	Pass
16QAM	1850.7	1	0	22.82	0.22	23.04	<=33.01	Pass
			2	22.87	0.22	23.09	<=33.01	Pass
			5	22.57	0.22	22.79	<=33.01	Pass
		3	0	22.54	0.22	22.76	<=33.01	Pass
			2	22.47	0.22	22.69	<=33.01	Pass
			3	22.46	0.22	22.68	<=33.01	Pass
		6	0	21.48	0.22	21.70	<=33.01	Pass
	1882.5	1	0	22.23	0.22	22.45	<=33.01	Pass
			2	22.34	0.22	22.56	<=33.01	Pass
			5	22.26	0.22	22.48	<=33.01	Pass
		3	0	22.18	0.22	22.40	<=33.01	Pass
			2	22.24	0.22	22.46	<=33.01	Pass
			3	22.22	0.22	22.44	<=33.01	Pass
		6	0	21.26	0.22	21.48	<=33.01	Pass
	1914.3	1	0	22.17	0.22	22.39	<=33.01	Pass
			2	22.26	0.22	22.48	<=33.01	Pass
			5	22.13	0.22	22.35	<=33.01	Pass
		3	0	22.47	0.22	22.69	<=33.01	Pass
			2	22.52	0.22	22.74	<=33.01	Pass
			3	22.47	0.22	22.69	<=33.01	Pass
		6	0	21.22	0.22	21.44	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / 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	23.87	0.22	24.09	<=33.01	Pass
			7	23.89	0.22	24.11	<=33.01	Pass
			14	23.63	0.22	23.85	<=33.01	Pass
		8	0	22.66	0.22	22.88	<=33.01	Pass
			4	22.54	0.22	22.76	<=33.01	Pass
			7	22.40	0.22	22.62	<=33.01	Pass
		15	0	22.38	0.22	22.60	<=33.01	Pass
	1882.5	1	0	23.21	0.22	23.43	<=33.01	Pass
			7	23.34	0.22	23.56	<=33.01	Pass
			14	23.18	0.22	23.40	<=33.01	Pass
		8	0	22.18	0.22	22.40	<=33.01	Pass
			4	22.21	0.22	22.43	<=33.01	Pass
			7	22.15	0.22	22.37	<=33.01	Pass
		15	0	22.16	0.22	22.38	<=33.01	Pass
	1913.5	1	0	23.26	0.22	23.48	<=33.01	Pass
			7	23.38	0.22	23.60	<=33.01	Pass
			14	23.25	0.22	23.47	<=33.01	Pass
		8	0	22.25	0.22	22.47	<=33.01	Pass
			4	22.31	0.22	22.53	<=33.01	Pass
			7	22.24	0.22	22.46	<=33.01	Pass
		15	0	22.26	0.22	22.48	<=33.01	Pass
16QAM	1851.5	1	0	22.95	0.22	23.17	<=33.01	Pass
			7	23.07	0.22	23.29	<=33.01	Pass
			14	22.86	0.22	23.08	<=33.01	Pass
		8	0	21.53	0.22	21.75	<=33.01	Pass
			4	21.58	0.22	21.80	<=33.01	Pass
			7	21.56	0.22	21.78	<=33.01	Pass
		15	0	21.46	0.22	21.68	<=33.01	Pass
	1882.5	1	0	22.22	0.22	22.44	<=33.01	Pass
			7	22.36	0.22	22.58	<=33.01	Pass
			14	22.20	0.22	22.42	<=33.01	Pass
		8	0	21.25	0.22	21.47	<=33.01	Pass
			4	21.30	0.22	21.52	<=33.01	Pass
			7	21.25	0.22	21.47	<=33.01	Pass
		15	0	21.25	0.22	21.47	<=33.01	Pass
	1913.5	1	0	22.50	0.22	22.72	<=33.01	Pass
			7	22.58	0.22	22.80	<=33.01	Pass
			14	22.43	0.22	22.65	<=33.01	Pass
		8	0	21.30	0.22	21.52	<=33.01	Pass
			4	21.30	0.22	21.52	<=33.01	Pass
			7	21.24	0.22	21.46	<=33.01	Pass
		15	0	21.29	0.22	21.51	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / 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	23.33	0.22	23.55	<=33.01	Pass
			13	23.43	0.22	23.65	<=33.01	Pass
			24	23.31	0.22	23.53	<=33.01	Pass
		12	0	22.33	0.22	22.55	<=33.01	Pass
			6	22.41	0.22	22.63	<=33.01	Pass
			13	22.45	0.22	22.67	<=33.01	Pass
		25	0	22.37	0.22	22.59	<=33.01	Pass
			0	23.10	0.22	23.32	<=33.01	Pass
			13	23.23	0.22	23.45	<=33.01	Pass
	1882.5	1	24	23.10	0.22	23.32	<=33.01	Pass
			0	22.17	0.22	22.39	<=33.01	Pass
			6	22.24	0.22	22.46	<=33.01	Pass
		12	13	22.22	0.22	22.44	<=33.01	Pass
			0	22.21	0.22	22.43	<=33.01	Pass
			0	23.14	0.22	23.36	<=33.01	Pass
		25	13	23.31	0.22	23.53	<=33.01	Pass
			24	23.18	0.22	23.40	<=33.01	Pass
			0	22.30	0.22	22.52	<=33.01	Pass
	1912.5	12	6	22.31	0.22	22.53	<=33.01	Pass
			13	22.25	0.22	22.47	<=33.01	Pass
			0	22.28	0.22	22.50	<=33.01	Pass
16QAM	1852.5	1	0	22.19	0.22	22.41	<=33.01	Pass
			13	22.26	0.22	22.48	<=33.01	Pass
			24	22.16	0.22	22.38	<=33.01	Pass
		12	0	21.35	0.22	21.57	<=33.01	Pass
			6	21.42	0.22	21.64	<=33.01	Pass
			13	21.42	0.22	21.64	<=33.01	Pass
		25	0	21.48	0.22	21.70	<=33.01	Pass
			0	22.19	0.22	22.41	<=33.01	Pass
			13	22.29	0.22	22.51	<=33.01	Pass
	1882.5	1	24	22.20	0.22	22.42	<=33.01	Pass
			0	21.17	0.22	21.39	<=33.01	Pass
			6	21.24	0.22	21.46	<=33.01	Pass
		12	13	21.21	0.22	21.43	<=33.01	Pass
			0	21.24	0.22	21.46	<=33.01	Pass
			0	22.53	0.22	22.75	<=33.01	Pass
		25	13	22.60	0.22	22.82	<=33.01	Pass
			24	22.43	0.22	22.65	<=33.01	Pass
			0	21.31	0.22	21.53	<=33.01	Pass
	1912.5	12	6	21.40	0.22	21.62	<=33.01	Pass
			13	21.30	0.22	21.52	<=33.01	Pass
			0	21.31	0.22	21.53	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B25_10MHz_EIRP

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.32	0.22	23.54	<=33.01	Pass
			25	23.53	0.22	23.75	<=33.01	Pass
			49	23.30	0.22	23.52	<=33.01	Pass
		25	0	22.36	0.22	22.58	<=33.01	Pass
			13	22.41	0.22	22.63	<=33.01	Pass
			25	22.44	0.22	22.66	<=33.01	Pass
		50	0	22.43	0.22	22.65	<=33.01	Pass
			0	23.23	0.22	23.45	<=33.01	Pass
			25	23.35	0.22	23.57	<=33.01	Pass
	1882.5	1	49	23.19	0.22	23.41	<=33.01	Pass
			0	22.22	0.22	22.44	<=33.01	Pass
			13	22.23	0.22	22.45	<=33.01	Pass
		25	25	22.28	0.22	22.50	<=33.01	Pass
			0	22.26	0.22	22.48	<=33.01	Pass
			0	23.19	0.22	23.41	<=33.01	Pass
		50	25	23.38	0.22	23.60	<=33.01	Pass
			49	23.18	0.22	23.40	<=33.01	Pass
			0	22.35	0.22	22.57	<=33.01	Pass
16QAM	1855	1	13	22.28	0.22	22.50	<=33.01	Pass
			25	22.26	0.22	22.48	<=33.01	Pass
			0	22.32	0.22	22.54	<=33.01	Pass
		25	0	22.92	0.22	23.14	<=33.01	Pass
			25	23.05	0.22	23.27	<=33.01	Pass
			49	22.82	0.22	23.04	<=33.01	Pass
		50	0	21.41	0.22	21.63	<=33.01	Pass
			13	21.49	0.22	21.71	<=33.01	Pass
			25	21.53	0.22	21.75	<=33.01	Pass
	1882.5	1	0	21.46	0.22	21.68	<=33.01	Pass
			0	22.20	0.22	22.42	<=33.01	Pass
			25	22.43	0.22	22.65	<=33.01	Pass
		25	49	22.21	0.22	22.43	<=33.01	Pass
			0	21.36	0.22	21.58	<=33.01	Pass
			13	21.36	0.22	21.58	<=33.01	Pass
		50	25	21.37	0.22	21.59	<=33.01	Pass
			0	21.28	0.22	21.50	<=33.01	Pass
			0	22.41	0.22	22.63	<=33.01	Pass
	1910	1	25	22.59	0.22	22.81	<=33.01	Pass
			49	22.38	0.22	22.60	<=33.01	Pass
			0	21.41	0.22	21.63	<=33.01	Pass
		25	13	21.39	0.22	21.61	<=33.01	Pass
			25	21.34	0.22	21.56	<=33.01	Pass
			0	21.37	0.22	21.59	<=33.01	Pass
		50	0	21.37	0.22	21.59	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B25_15MHz_EIRP

Band: 25 / 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	23.26	0.22	23.48	<=33.01	Pass
			38	23.30	0.22	23.52	<=33.01	Pass
			74	23.12	0.22	23.34	<=33.01	Pass
		36	0	22.36	0.22	22.58	<=33.01	Pass
			18	22.40	0.22	22.62	<=33.01	Pass
			39	22.34	0.22	22.56	<=33.01	Pass
		75	0	22.34	0.22	22.56	<=33.01	Pass
	1882.5	1	0	23.02	0.22	23.24	<=33.01	Pass
			38	23.12	0.22	23.34	<=33.01	Pass
			74	23.07	0.22	23.29	<=33.01	Pass
		36	0	22.19	0.22	22.41	<=33.01	Pass
			18	22.21	0.22	22.43	<=33.01	Pass
			39	22.26	0.22	22.48	<=33.01	Pass
		75	0	22.21	0.22	22.43	<=33.01	Pass
	1907.5	1	0	23.04	0.22	23.26	<=33.01	Pass
			38	23.20	0.22	23.42	<=33.01	Pass
			74	23.09	0.22	23.31	<=33.01	Pass
		36	0	22.28	0.22	22.50	<=33.01	Pass
			18	22.27	0.22	22.49	<=33.01	Pass
			39	22.25	0.22	22.47	<=33.01	Pass
		75	0	22.26	0.22	22.48	<=33.01	Pass
16QAM	1857.5	1	0	22.43	0.22	22.65	<=33.01	Pass
			38	22.51	0.22	22.73	<=33.01	Pass
			74	22.29	0.22	22.51	<=33.01	Pass
		36	0	21.34	0.22	21.56	<=33.01	Pass
			18	21.39	0.22	21.61	<=33.01	Pass
			39	21.35	0.22	21.57	<=33.01	Pass
		75	0	21.37	0.22	21.59	<=33.01	Pass
	1882.5	1	0	22.64	0.22	22.86	<=33.01	Pass
			38	22.74	0.22	22.96	<=33.01	Pass
			74	22.64	0.22	22.86	<=33.01	Pass
		36	0	21.22	0.22	21.44	<=33.01	Pass
			18	21.21	0.22	21.43	<=33.01	Pass
			39	21.22	0.22	21.44	<=33.01	Pass
		75	0	21.22	0.22	21.44	<=33.01	Pass
	1907.5	1	0	22.42	0.22	22.64	<=33.01	Pass
			38	22.67	0.22	22.89	<=33.01	Pass
			74	22.53	0.22	22.75	<=33.01	Pass
		36	0	21.23	0.22	21.45	<=33.01	Pass
			18	21.26	0.22	21.48	<=33.01	Pass
			39	21.21	0.22	21.43	<=33.01	Pass
		75	0	21.25	0.22	21.47	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.06	0.22	23.28	<=33.01	Pass
			50	23.42	0.22	23.64	<=33.01	Pass
			99	22.94	0.22	23.16	<=33.01	Pass
		50	0	22.21	0.22	22.43	<=33.01	Pass
			25	22.27	0.22	22.49	<=33.01	Pass
			50	22.20	0.22	22.42	<=33.01	Pass
		100	0	22.22	0.22	22.44	<=33.01	Pass
	1882.5	1	0	22.94	0.22	23.16	<=33.01	Pass
			50	23.25	0.22	23.47	<=33.01	Pass
			99	22.97	0.22	23.19	<=33.01	Pass
		50	0	22.16	0.22	22.38	<=33.01	Pass
			25	22.25	0.22	22.47	<=33.01	Pass
			50	22.22	0.22	22.44	<=33.01	Pass
		100	0	22.20	0.22	22.42	<=33.01	Pass
	1905	1	0	22.91	0.22	23.13	<=33.01	Pass
			50	23.37	0.22	23.59	<=33.01	Pass
			99	22.96	0.22	23.18	<=33.01	Pass
		50	0	22.24	0.22	22.46	<=33.01	Pass
			25	22.28	0.22	22.50	<=33.01	Pass
			50	22.18	0.22	22.40	<=33.01	Pass
		100	0	22.26	0.22	22.48	<=33.01	Pass
16QAM	1860	1	0	22.63	0.22	22.85	<=33.01	Pass
			50	22.94	0.22	23.16	<=33.01	Pass
			99	22.50	0.22	22.72	<=33.01	Pass
		50	0	21.25	0.22	21.47	<=33.01	Pass
			25	21.29	0.22	21.51	<=33.01	Pass
			50	21.23	0.22	21.45	<=33.01	Pass
		100	0	21.26	0.22	21.48	<=33.01	Pass
	1882.5	1	0	22.15	0.22	22.37	<=33.01	Pass
			50	22.53	0.22	22.75	<=33.01	Pass
			99	22.18	0.22	22.40	<=33.01	Pass
		50	0	21.18	0.22	21.40	<=33.01	Pass
			25	21.25	0.22	21.47	<=33.01	Pass
			50	21.23	0.22	21.45	<=33.01	Pass
		100	0	21.20	0.22	21.42	<=33.01	Pass
	1905	1	0	22.15	0.22	22.37	<=33.01	Pass
			50	22.69	0.22	22.91	<=33.01	Pass
			99	22.29	0.22	22.51	<=33.01	Pass
		50	0	21.29	0.22	21.51	<=33.01	Pass
			25	21.28	0.22	21.50	<=33.01	Pass
			50	21.24	0.22	21.46	<=33.01	Pass
		100	0	21.28	0.22	21.50	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B25_1.4MHz

Band: 25 / 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	-1.588	-0.0009	-2.5 to 2.5	Pass
					3.85	-10.228	-0.0055	-2.5 to 2.5	Pass
					4.43	-9.527	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-9.685	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-9.885	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-13.747	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-9.398	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-11.215	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-10.514	-0.0057	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-19.741	-0.0105	-2.5 to 2.5	Pass
					3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
					4.43	-16.737	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-10.614	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-15.378	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-15.106	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-19.813	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-12.360	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.952	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-14.348	-0.0075	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
					4.43	1.173	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.933	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-6.380	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-9.885	-0.0052	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-1.144	-0.0006	-2.5 to 2.5	Pass
					3.85	-8.855	-0.0048	-2.5 to 2.5	Pass
					4.43	5.436	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-4.020	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-13.762	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-11.973	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-13.933	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-11.830	-0.0064	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-1.931	-0.0010	-2.5 to 2.5	Pass
					3.85	-15.106	-0.0080	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-13.647	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-8.268	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-19.555	-0.0104	-2.5 to 2.5	Pass

				0	3.85	-12.689	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-16.766	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-9.212	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-11.530	-0.0061	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-1.516	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-0.858	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-9.441	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-3.204	-0.0017	-2.5 to 2.5	Pass
				0	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				10	3.85	-11.458	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-4.621	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-7.524	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

Band: 25 / 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	-14.992	-0.0081	-2.5 to 2.5	Pass
					3.85	-13.089	-0.0071	-2.5 to 2.5	Pass
					4.43	-6.366	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-17.481	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-11.244	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-12.517	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-8.268	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0002	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-12.732	-0.0068	-2.5 to 2.5	Pass
					3.85	-14.105	-0.0075	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-6.194	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.317	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-13.590	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				40	3.85	2.174	0.0012	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-14.749	-0.0077	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	0.515	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-9.885	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-9.999	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0006	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0014	-2.5 to 2.5	Pass

				-30	3.85	-7.610	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-14.119	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-13.905	-0.0075	-2.5 to 2.5	Pass
				0	3.85	2.718	0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.994	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-7.553	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0023	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-11.773	-0.0063	-2.5 to 2.5	Pass
					3.85	2.546	0.0014	-2.5 to 2.5	Pass
					4.43	-5.336	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-6.723	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				0	3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-16.766	-0.0089	-2.5 to 2.5	Pass
				30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				50	3.85	1.945	0.0010	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-8.297	-0.0043	-2.5 to 2.5	Pass
					3.85	2.646	0.0014	-2.5 to 2.5	Pass
					4.43	-7.839	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-6.695	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.189	0.0011	-2.5 to 2.5	Pass
				0	3.85	-10.042	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-2.947	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-4.835	-0.0025	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

Band: 25 / 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	-5.364	-0.0029	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	3.977	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-6.766	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-14.892	-0.0080	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-7.868	-0.0042	-2.5 to 2.5	Pass
					3.85	-15.049	-0.0080	-2.5 to 2.5	Pass
					4.43	-3.734	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-19.155	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-6.080	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0049	-2.5 to 2.5	Pass

	1912.5	25	0	20	3.27	-15.264	-0.0080	-2.5 to 2.5	Pass
					3.85	-13.404	-0.0070	-2.5 to 2.5	Pass
					4.43	-6.037	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-13.375	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				0	3.85	-14.405	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-13.762	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-9.041	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.021	-0.0026	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-9.270	-0.0050	-2.5 to 2.5	Pass
					3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-10.357	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-5.107	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.890	0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				30	3.85	5.193	0.0028	-2.5 to 2.5	Pass
				40	3.85	-13.533	-0.0073	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	-7.410	-0.0039	-2.5 to 2.5	Pass
					4.43	-10.757	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-11.358	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-12.946	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-13.247	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-5.322	-0.0028	-2.5 to 2.5	Pass
					3.85	-7.868	-0.0041	-2.5 to 2.5	Pass
					4.43	-7.510	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-10.829	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-13.504	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-8.397	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-9.398	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-11.072	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-12.016	-0.0063	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

Band: 25 / 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	-6.051	-0.0033	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0042	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-8.097	-0.0044	-2.5 to 2.5	Pass

				30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-6.080	-0.0033	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-14.334	-0.0076	-2.5 to 2.5	Pass
					3.85	-10.700	-0.0057	-2.5 to 2.5	Pass
					4.43	-7.753	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-12.975	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-3.276	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-9.055	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-13.704	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-12.231	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0039	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-12.088	-0.0063	-2.5 to 2.5	Pass
					3.85	-3.519	-0.0018	-2.5 to 2.5	Pass
					4.43	-9.770	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-9.170	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-12.002	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-7.625	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-13.332	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-14.763	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-7.696	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-7.553	-0.0040	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-3.490	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
					4.43	-2.675	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-8.297	-0.0045	-2.5 to 2.5	Pass
				0	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				10	3.85	-9.069	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-8.340	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-3.448	-0.0018	-2.5 to 2.5	Pass
					3.85	-13.289	-0.0071	-2.5 to 2.5	Pass
					4.43	-5.050	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-12.617	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0039	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-9.513	-0.0051	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-5.579	-0.0029	-2.5 to 2.5	Pass
					3.85	-10.343	-0.0054	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.612	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-10.214	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-4.449	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-8.440	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-6.480	-0.0034	-2.5 to 2.5	Pass

2.1.5 B25_15MHz

Band: 25 / 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	-9.398	-0.0051	-2.5 to 2.5	Pass
					3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
					4.43	-6.123	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				10	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				30	3.85	-5.350	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.057	0.0000	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-11.058	-0.0059	-2.5 to 2.5	Pass
					3.85	-7.753	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-7.825	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-10.257	-0.0054	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-10.471	-0.0055	-2.5 to 2.5	Pass
					3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
					4.43	-6.323	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-9.255	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-3.104	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-8.211	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-3.219	-0.0017	-2.5 to 2.5	Pass
					3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
					4.43	-6.323	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-7.653	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0030	-2.5 to 2.5	Pass
				10	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-4.663	-0.0025	-2.5 to 2.5	Pass
					3.85	-8.726	-0.0046	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-10.800	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-9.999	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-8.454	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-14.520	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-9.913	-0.0053	-2.5 to 2.5	Pass

	1907.5	75	0	20	3.27	-5.436	-0.0028	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0032	-2.5 to 2.5	Pass
					4.43	-7.768	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-8.941	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-3.905	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.193	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-10.672	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-6.309	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-5.779	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0036	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

Band: 25 / 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	-2.160	-0.0012	-2.5 to 2.5	Pass
					3.85	2.146	0.0012	-2.5 to 2.5	Pass
					4.43	-5.794	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-7.010	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0022	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-4.048	-0.0022	-2.5 to 2.5	Pass
					3.85	-9.241	-0.0049	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-8.411	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-7.639	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-11.244	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-3.691	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
					4.43	-5.479	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-5.536	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.717	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-8.426	-0.0045	-2.5 to 2.5	Pass
	1860	100	0	0	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.287	0.0007	-2.5 to 2.5	Pass

				30	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0037	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-6.037	-0.0032	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.033	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-6.866	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-8.183	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-5.507	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-4.005	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-4.249	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-7.796	-0.0041	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

3.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.1.5 B25_15MHz

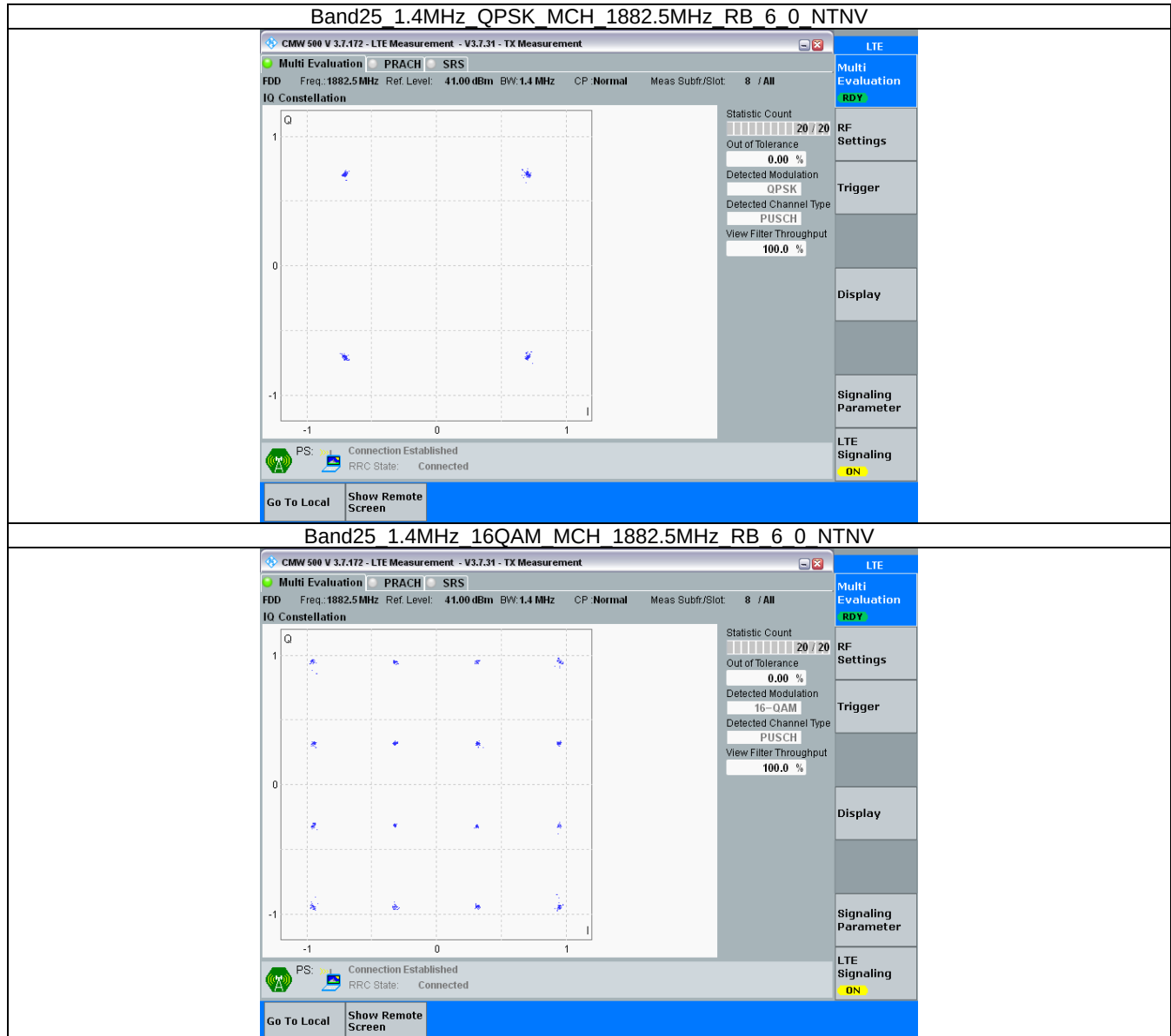
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

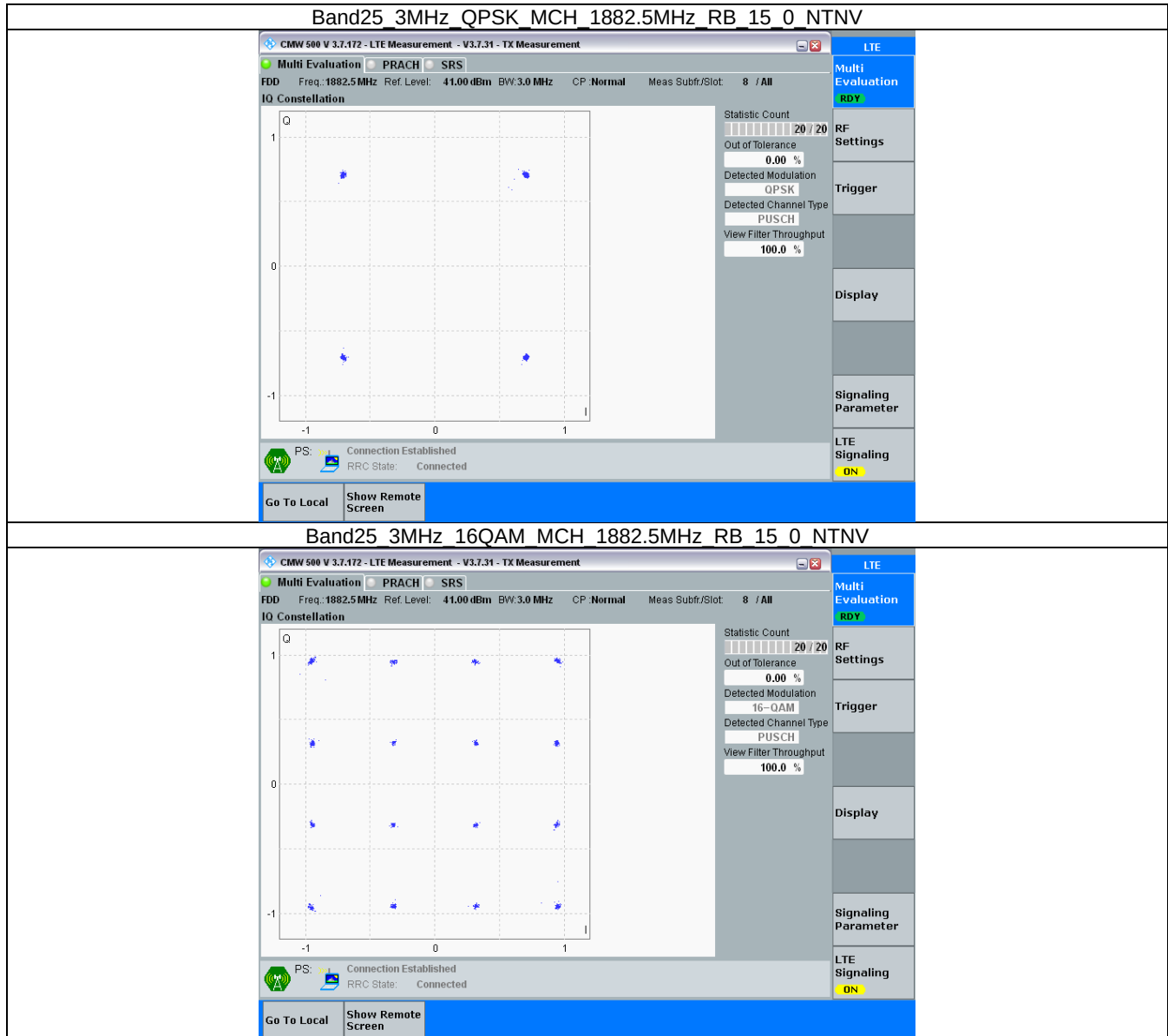
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

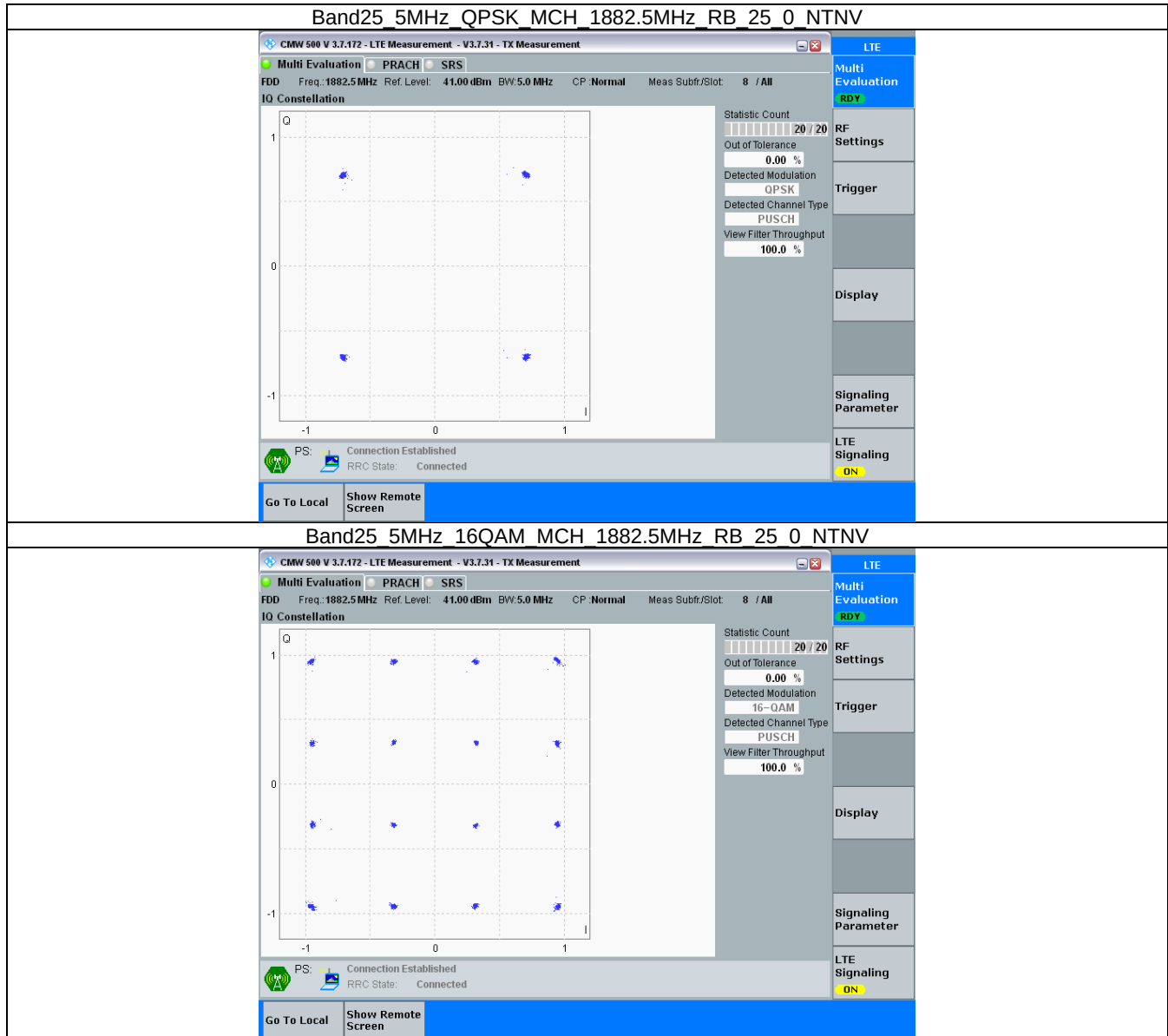
3.2.1 B25_1.4MHz



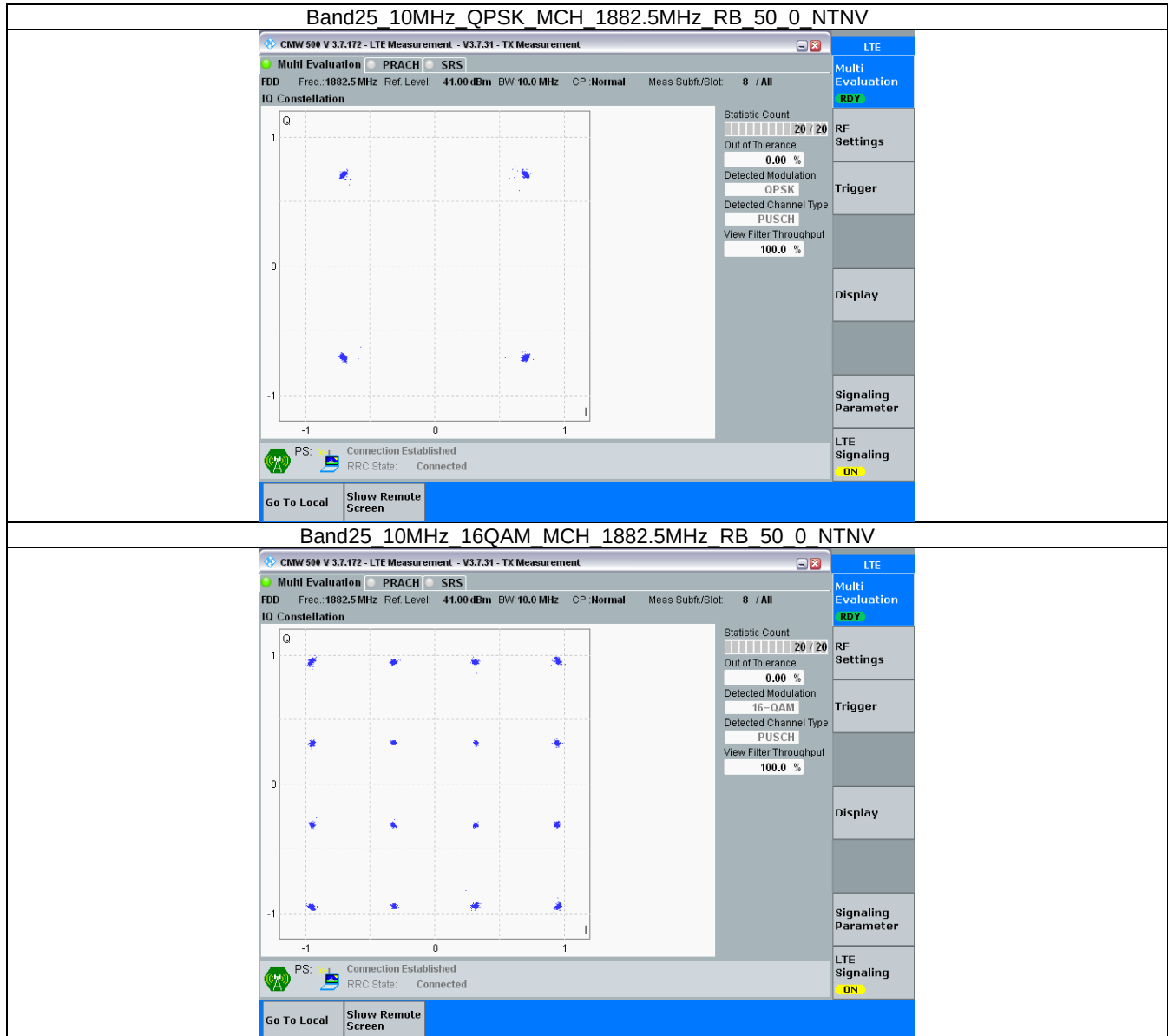
3.2.2 B25_3MHz



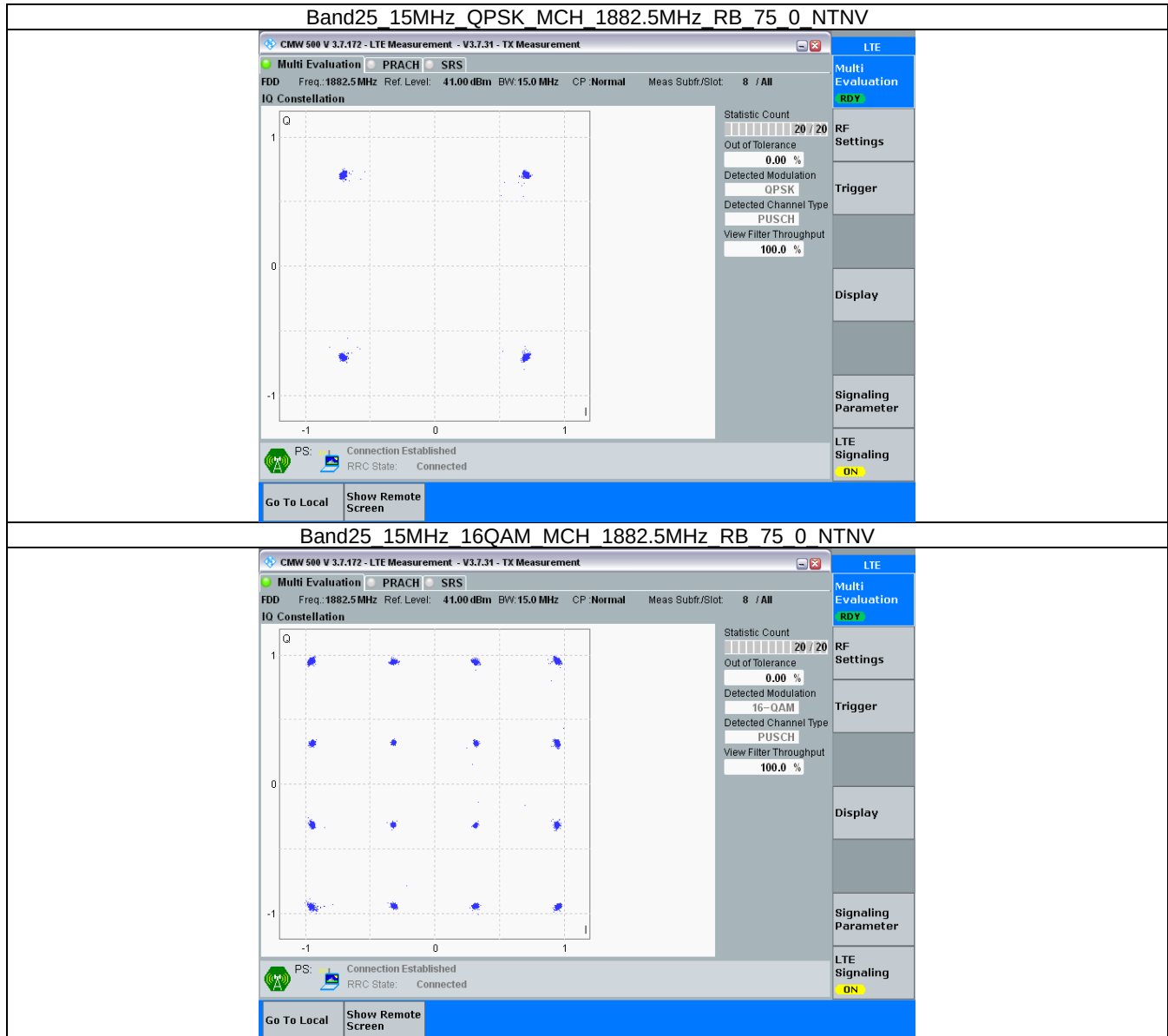
3.2.3 B25_5MHz



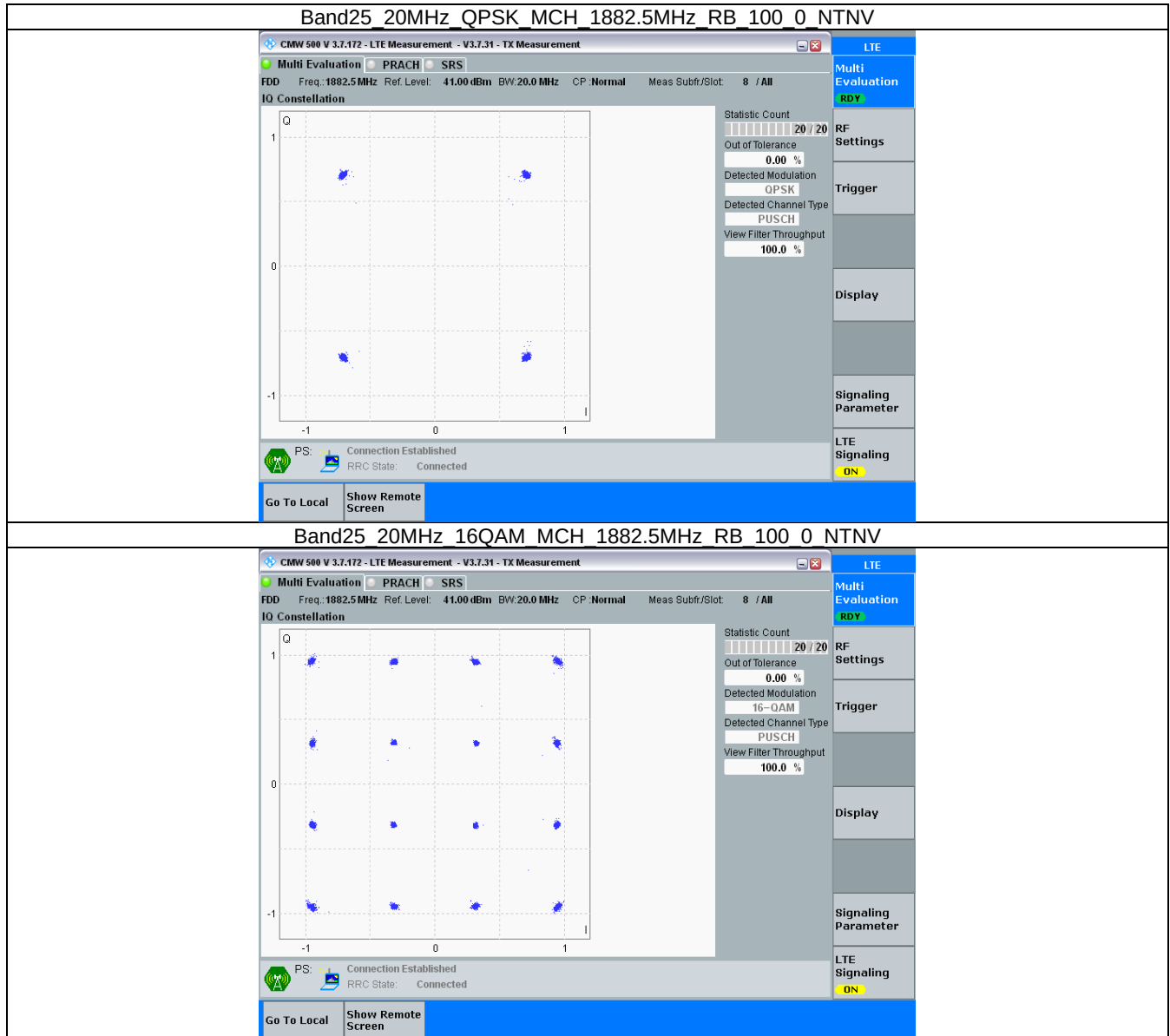
3.2.4 B25_10MHz



3.2.5 B25_15MHz



3.2.6 B25_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band25_OBW

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.114	/	Pass
		1882.5	6	0	1.104	/	Pass
		1914.3	6	0	1.110	/	Pass
	16QAM	1850.7	6	0	1.107	/	Pass
		1882.5	6	0	1.110	/	Pass
		1914.3	6	0	1.109	/	Pass
3	QPSK	1851.5	15	0	2.728	/	Pass
		1882.5	15	0	2.736	/	Pass
		1913.5	15	0	2.734	/	Pass
	16QAM	1851.5	15	0	2.720	/	Pass
		1882.5	15	0	2.709	/	Pass
		1913.5	15	0	2.730	/	Pass
5	QPSK	1852.5	25	0	4.562	/	Pass
		1882.5	25	0	4.565	/	Pass
		1912.5	25	0	4.585	/	Pass
	16QAM	1852.5	25	0	4.601	/	Pass
		1882.5	25	0	4.589	/	Pass
		1912.5	25	0	4.563	/	Pass
10	QPSK	1855	50	0	9.094	/	Pass
		1882.5	50	0	9.086	/	Pass
		1910	50	0	9.060	/	Pass
	16QAM	1855	50	0	9.074	/	Pass
		1882.5	50	0	9.087	/	Pass
		1910	50	0	9.070	/	Pass
15	QPSK	1857.5	75	0	13.605	/	Pass
		1882.5	75	0	13.642	/	Pass
		1907.5	75	0	13.598	/	Pass
	16QAM	1857.5	75	0	13.643	/	Pass
		1882.5	75	0	13.654	/	Pass
		1907.5	75	0	13.615	/	Pass
20	QPSK	1860	100	0	18.099	/	Pass
		1882.5	100	0	18.188	/	Pass
		1905	100	0	18.067	/	Pass
	16QAM	1860	100	0	18.111	/	Pass
		1882.5	100	0	18.174	/	Pass
		1905	100	0	18.089	/	Pass

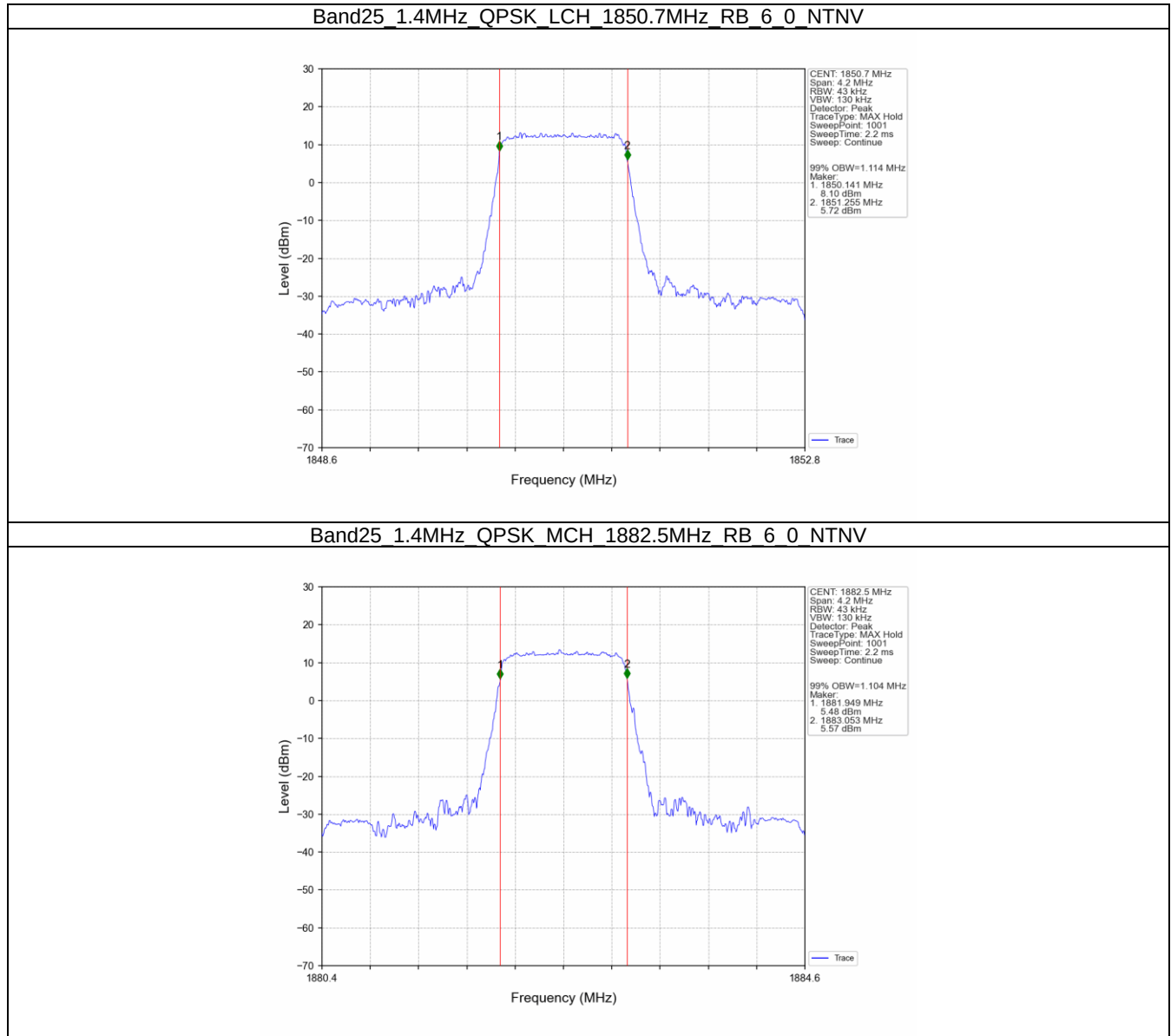
4.1.2 Band25_XDB

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.320	/	Pass
		1882.5	6	0	1.313	/	Pass
		1914.3	6	0	1.326	/	Pass

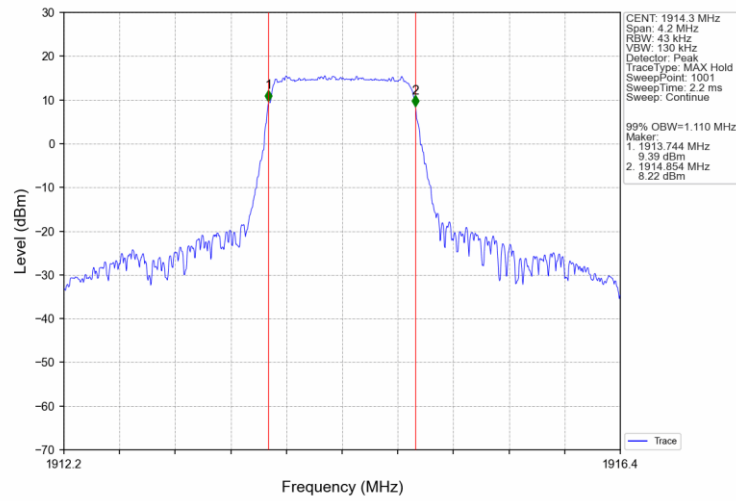
	16QAM	1850.7	6	0	1.308	/	Pass
		1882.5	6	0	1.298	/	Pass
		1914.3	6	0	1.324	/	Pass
3	QPSK	1851.5	15	0	3.006	/	Pass
		1882.5	15	0	2.987	/	Pass
		1913.5	15	0	2.976	/	Pass
	16QAM	1851.5	15	0	2.978	/	Pass
		1882.5	15	0	2.993	/	Pass
		1913.5	15	0	3.487	/	Pass
5	QPSK	1852.5	25	0	5.309	/	Pass
		1882.5	25	0	5.199	/	Pass
		1912.5	25	0	5.249	/	Pass
	16QAM	1852.5	25	0	5.324	/	Pass
		1882.5	25	0	5.303	/	Pass
		1912.5	25	0	5.306	/	Pass
10	QPSK	1855	50	0	10.282	/	Pass
		1882.5	50	0	10.319	/	Pass
		1910	50	0	10.269	/	Pass
	16QAM	1855	50	0	10.150	/	Pass
		1882.5	50	0	10.231	/	Pass
		1910	50	0	10.322	/	Pass
15	QPSK	1857.5	75	0	15.472	/	Pass
		1882.5	75	0	15.463	/	Pass
		1907.5	75	0	15.319	/	Pass
	16QAM	1857.5	75	0	15.250	/	Pass
		1882.5	75	0	15.226	/	Pass
		1907.5	75	0	15.357	/	Pass
20	QPSK	1860	100	0	19.879	/	Pass
		1882.5	100	0	20.449	/	Pass
		1905	100	0	19.893	/	Pass
	16QAM	1860	100	0	19.984	/	Pass
		1882.5	100	0	20.206	/	Pass
		1905	100	0	20.085	/	Pass

4.2 Test Graph

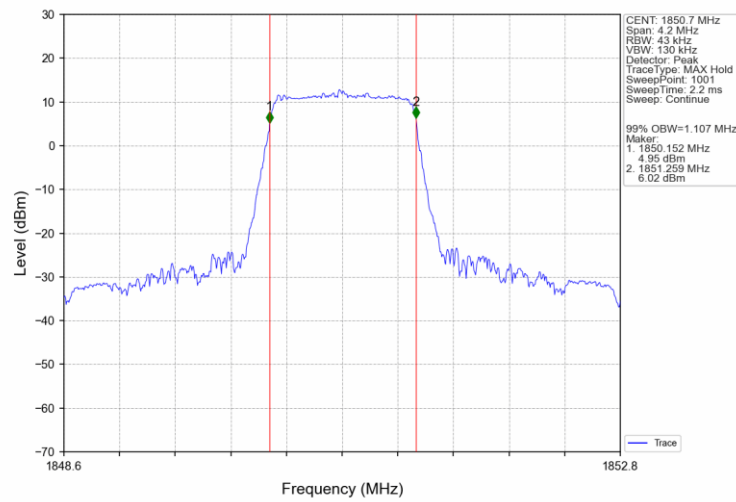
4.2.1 Band25_OBW



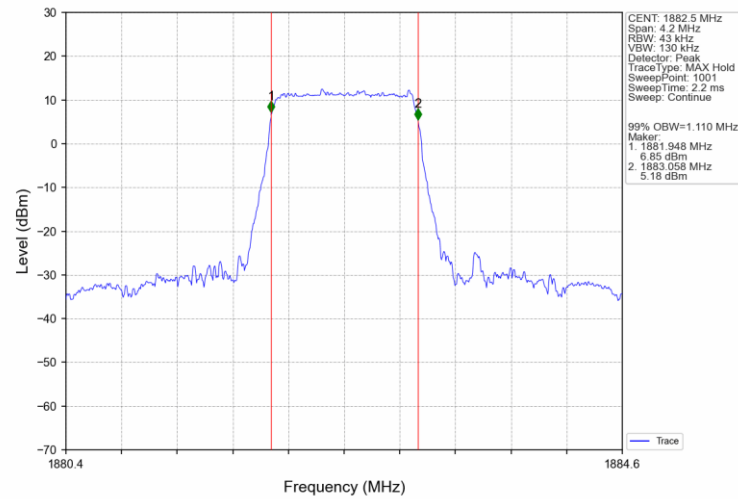
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



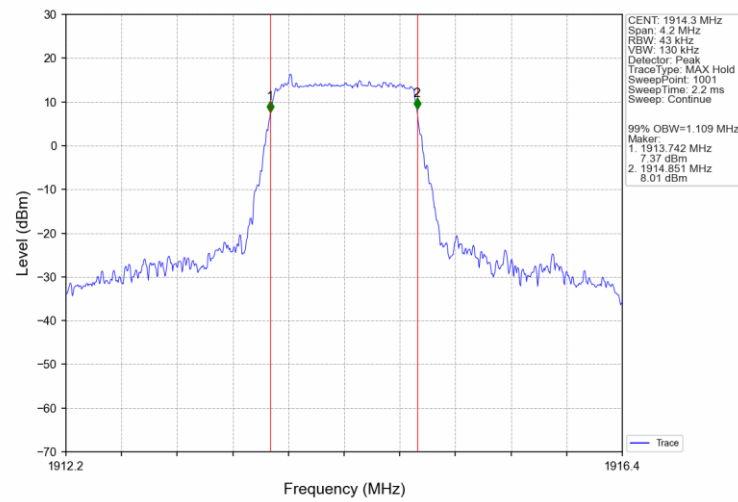
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



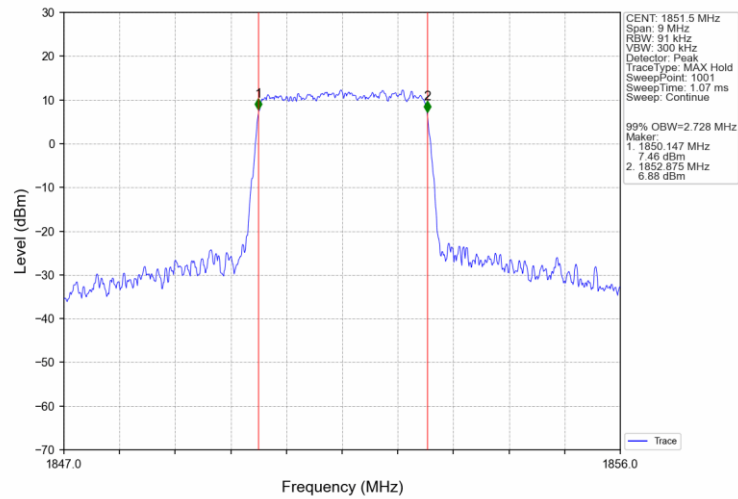
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



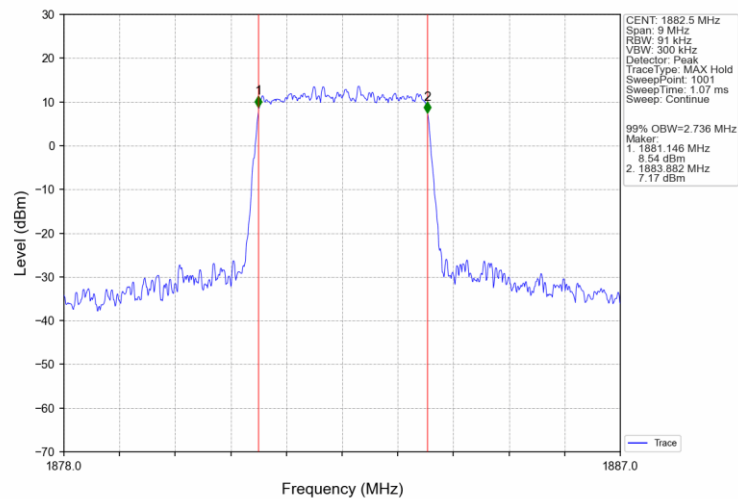
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



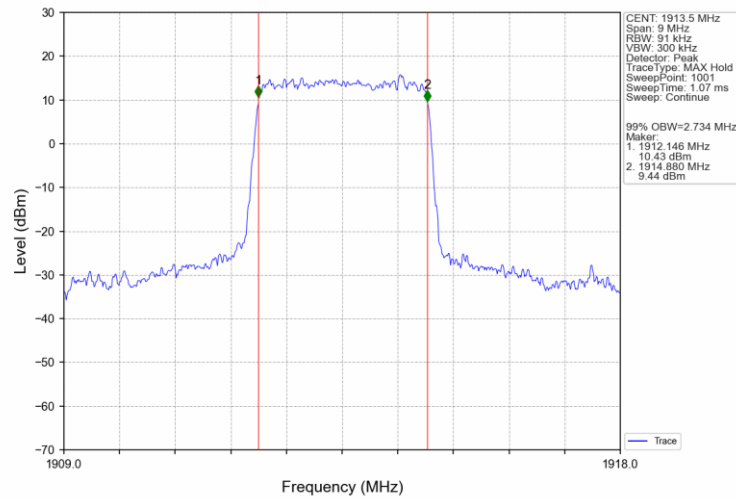
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



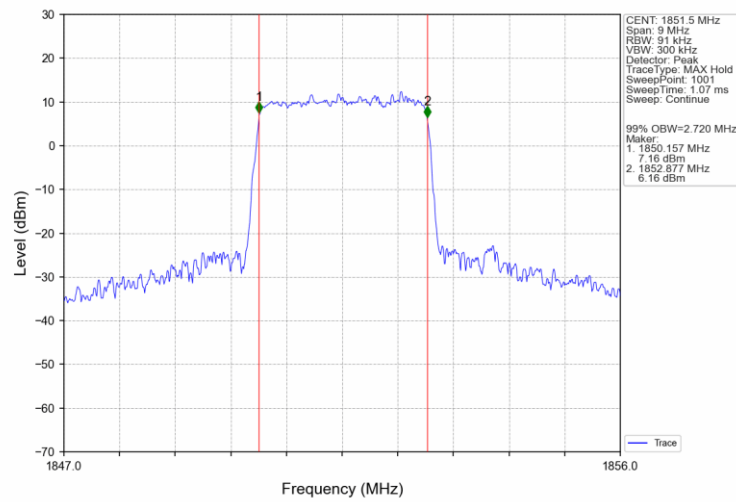
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



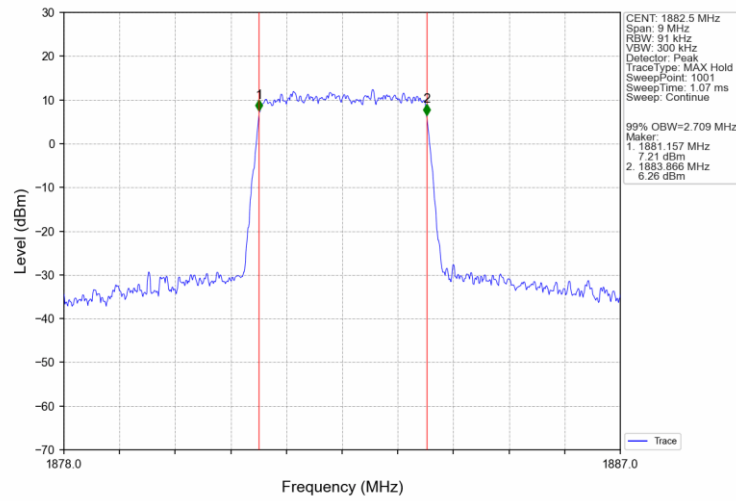
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



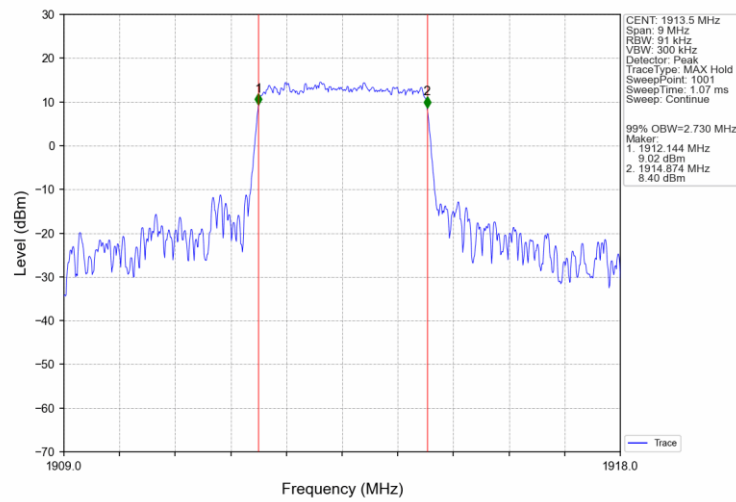
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



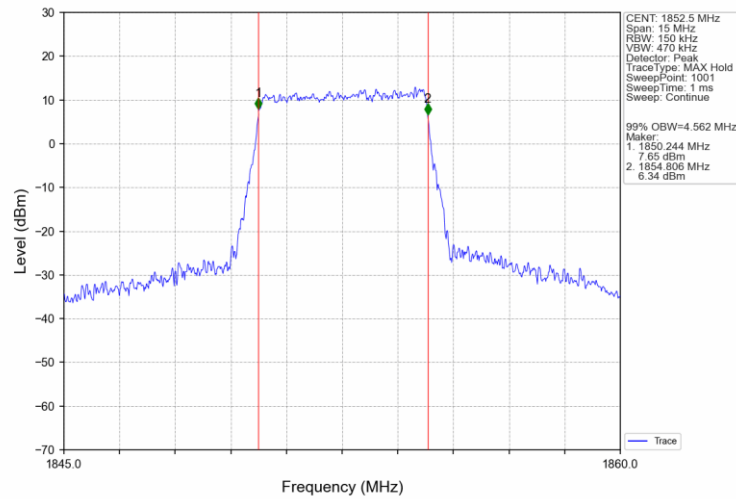
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



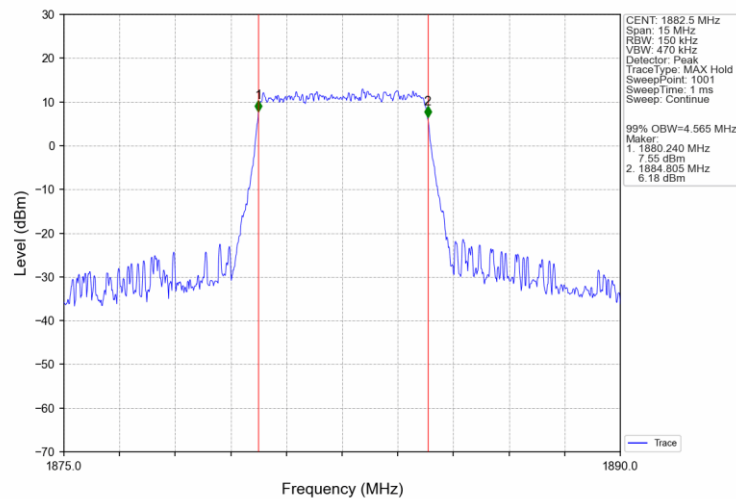
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



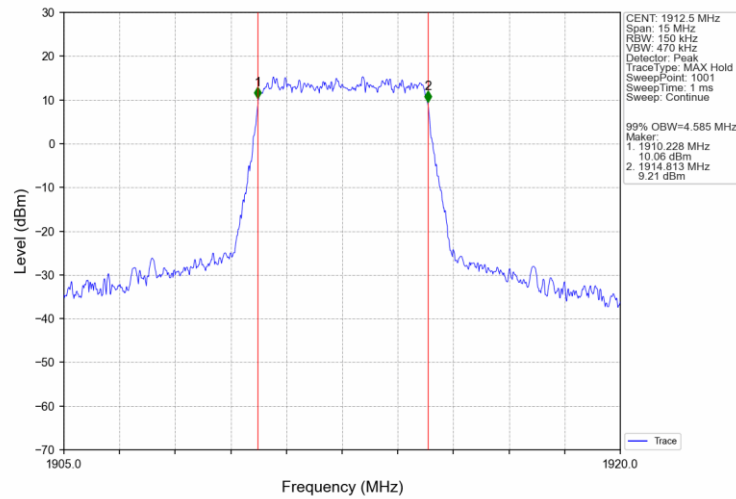
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



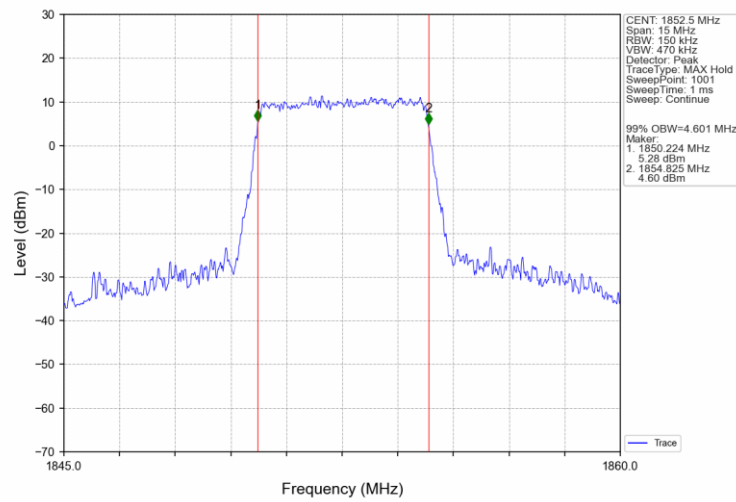
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



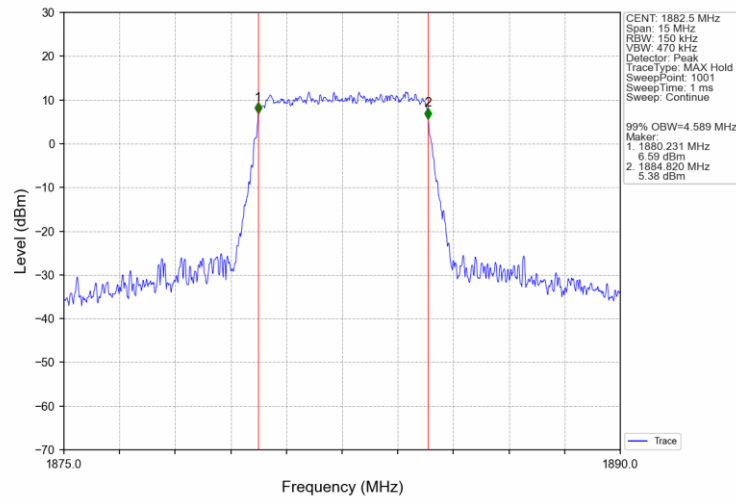
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



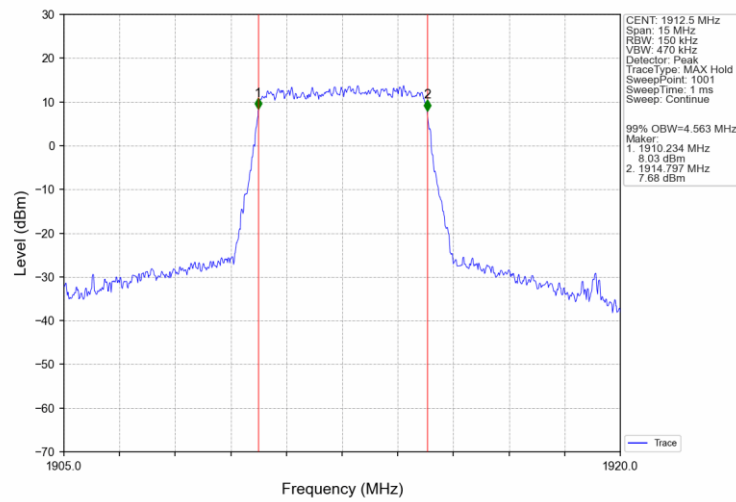
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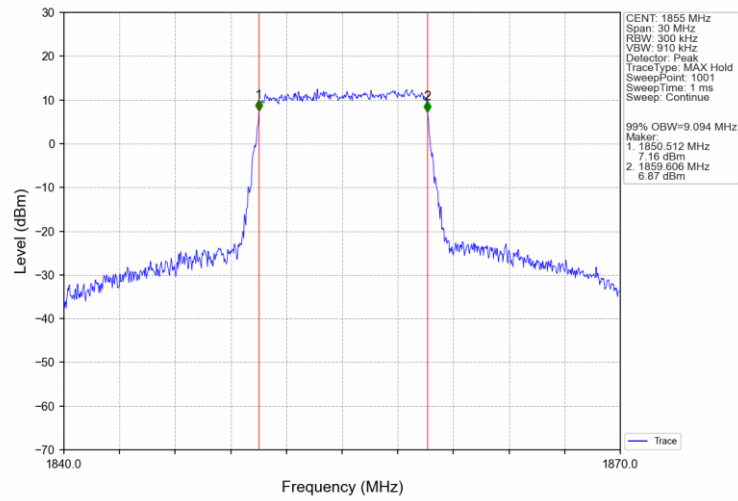
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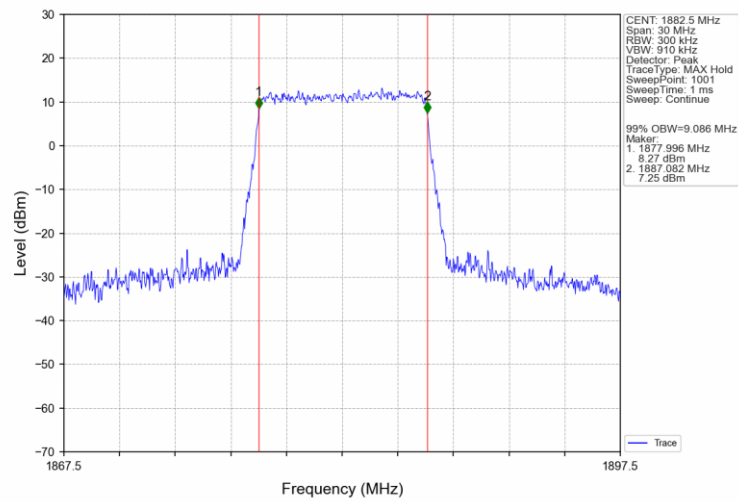
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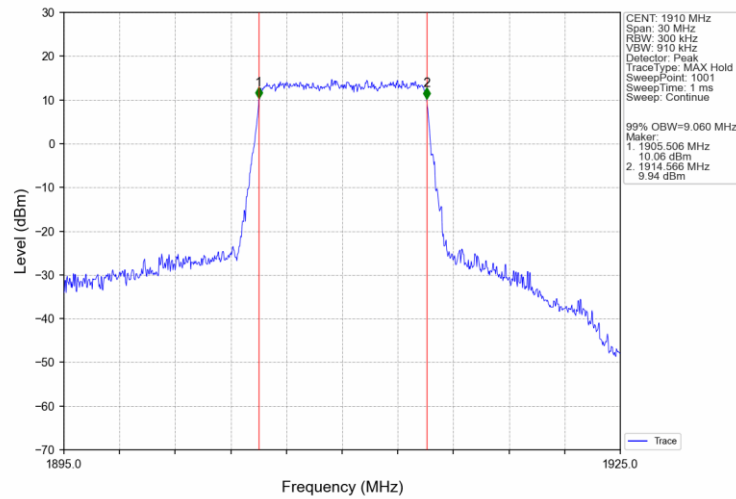
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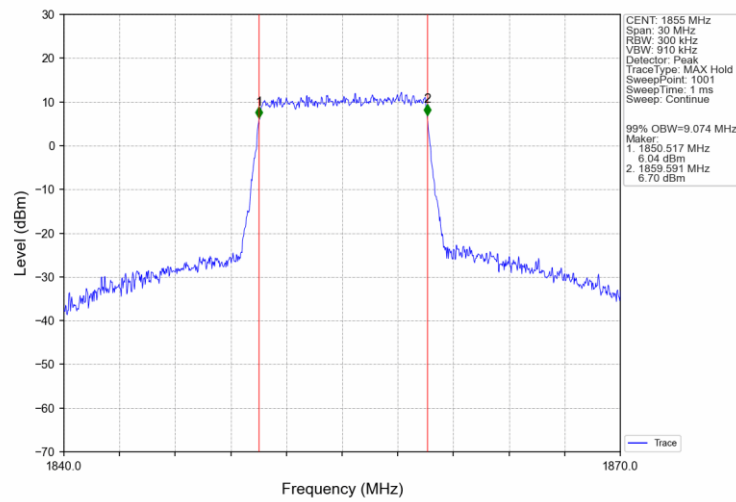
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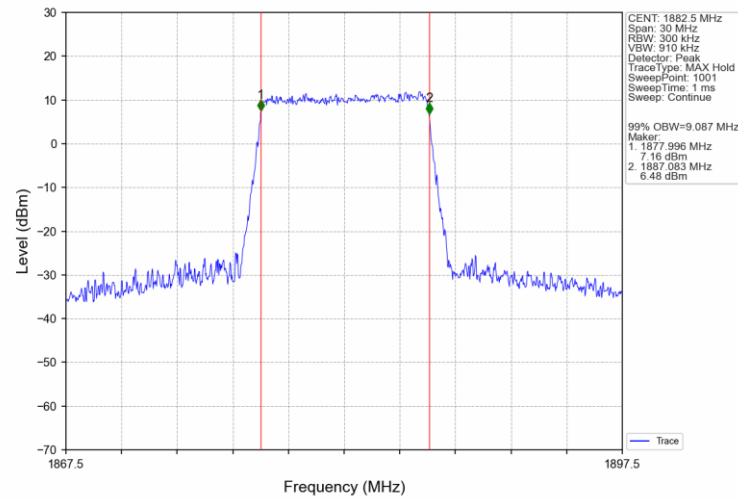
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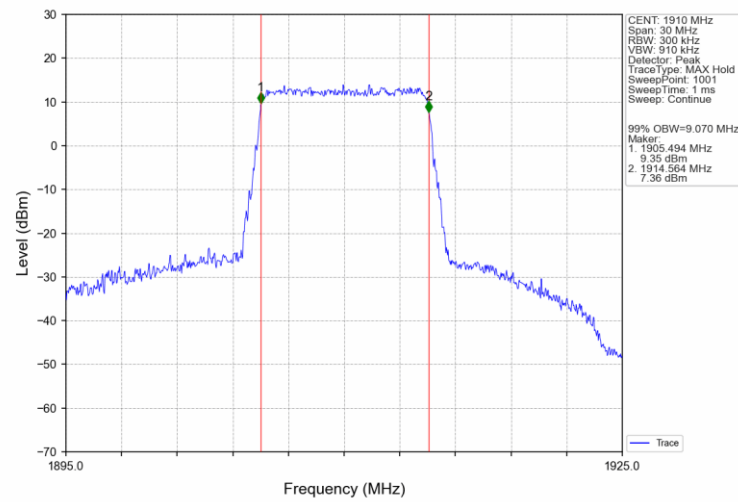
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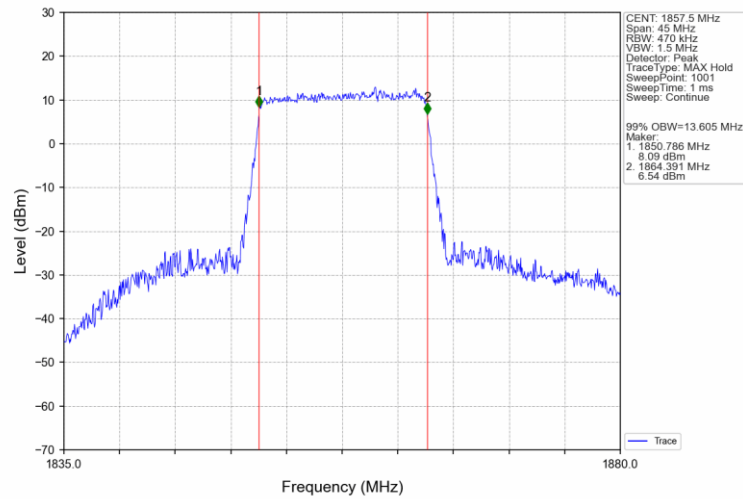
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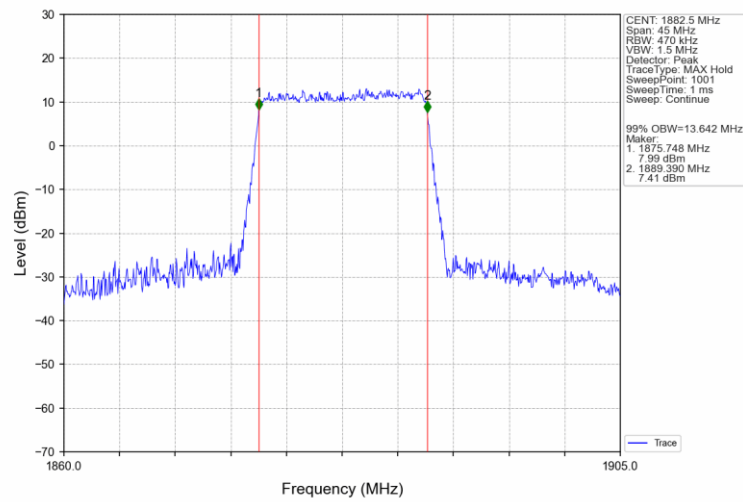
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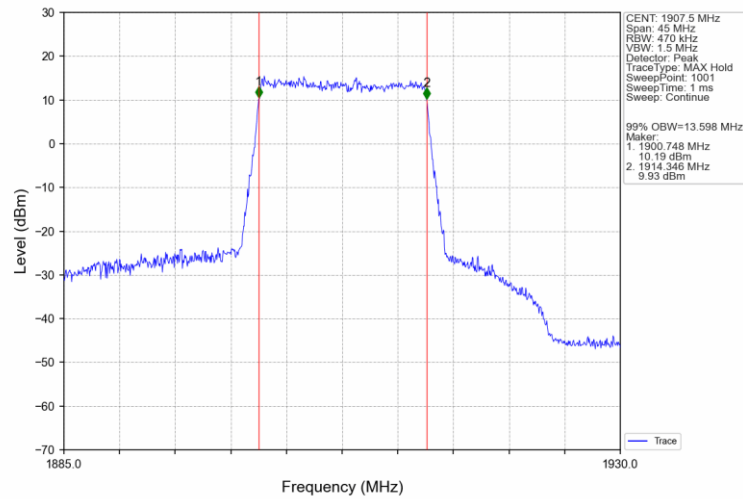
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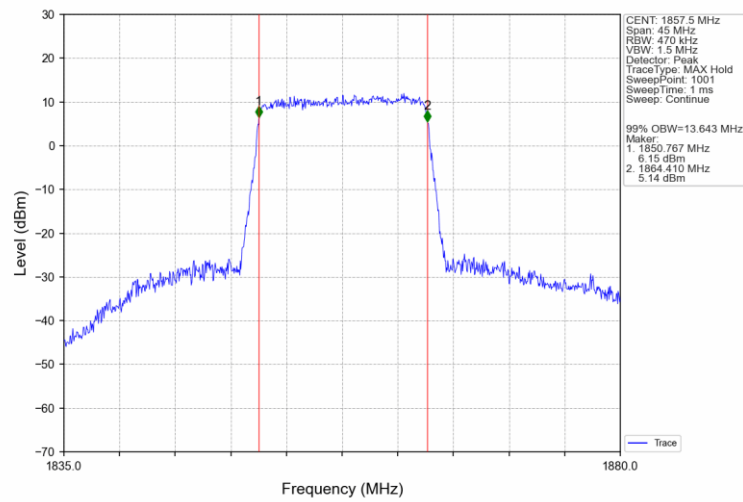
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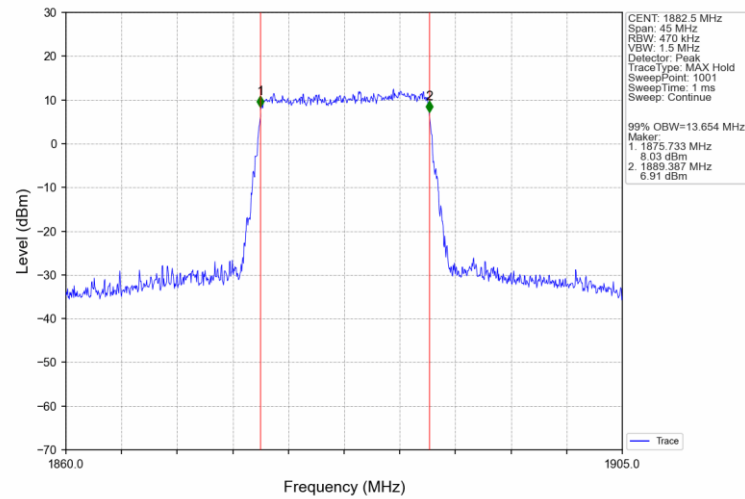
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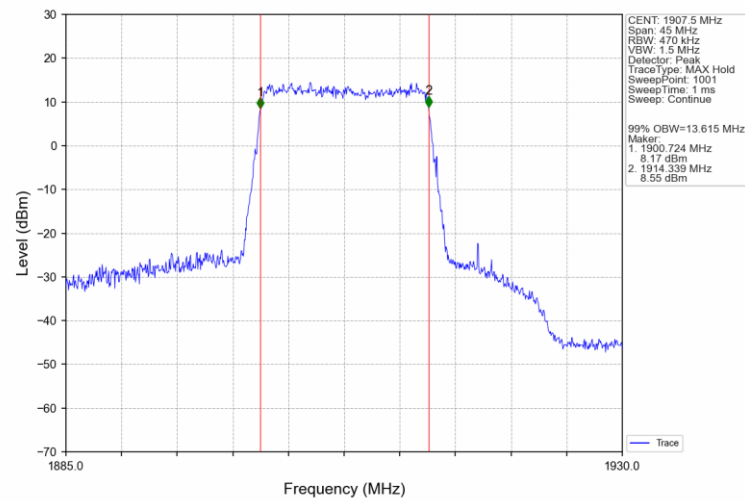
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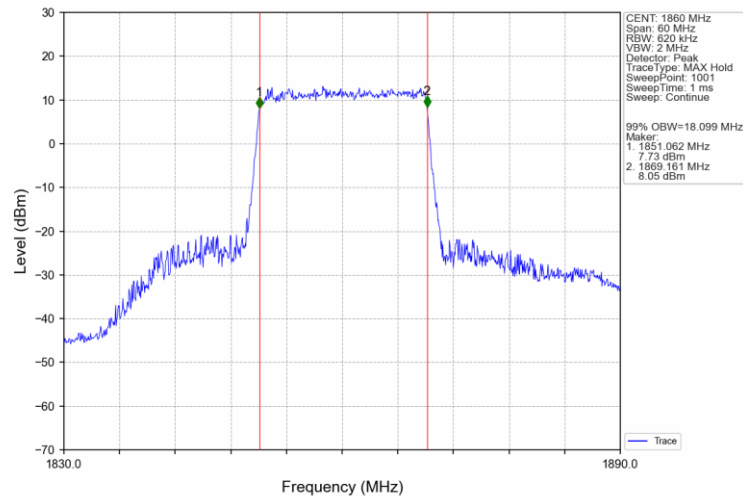
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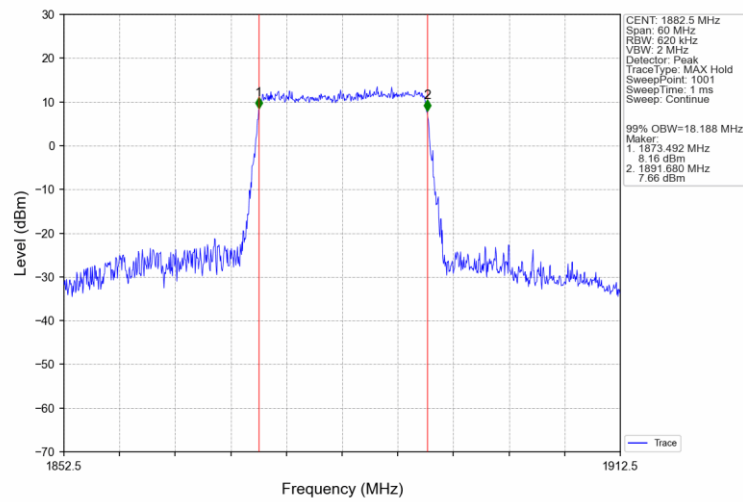
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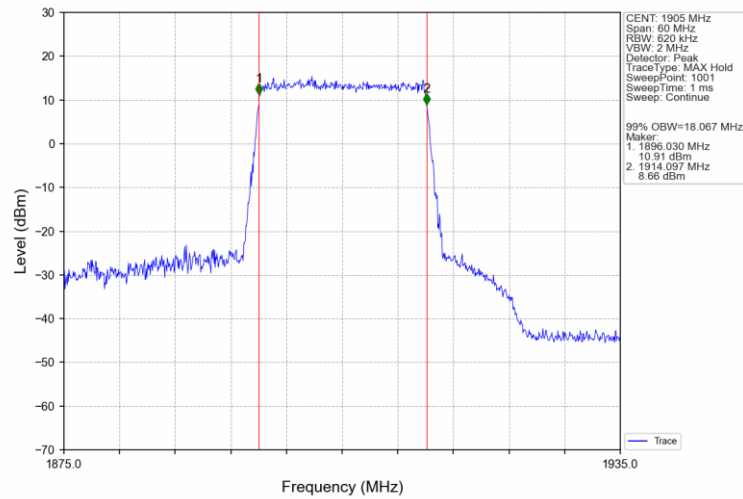
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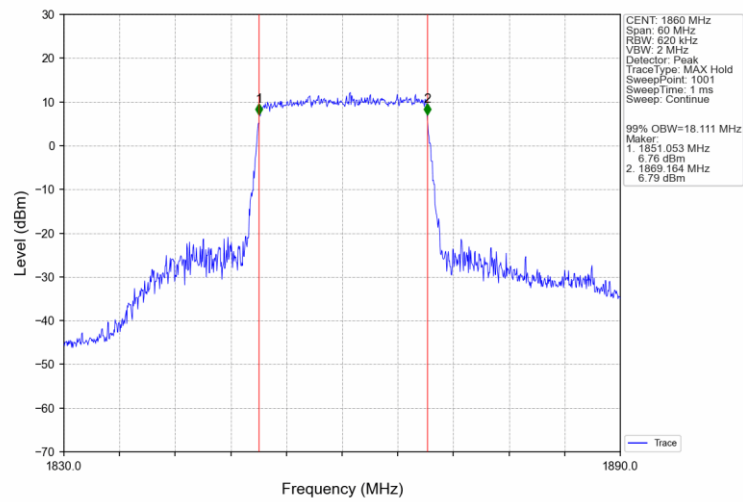
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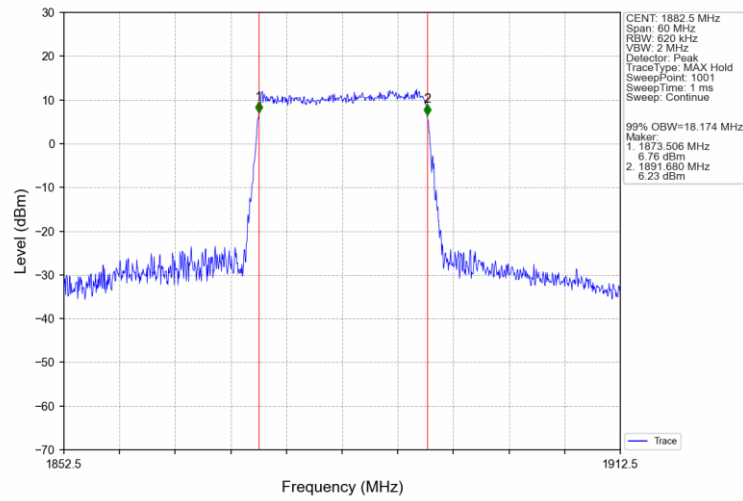
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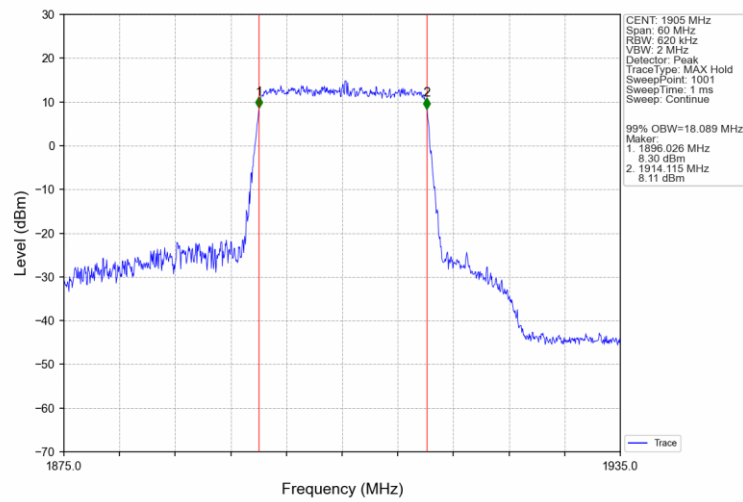
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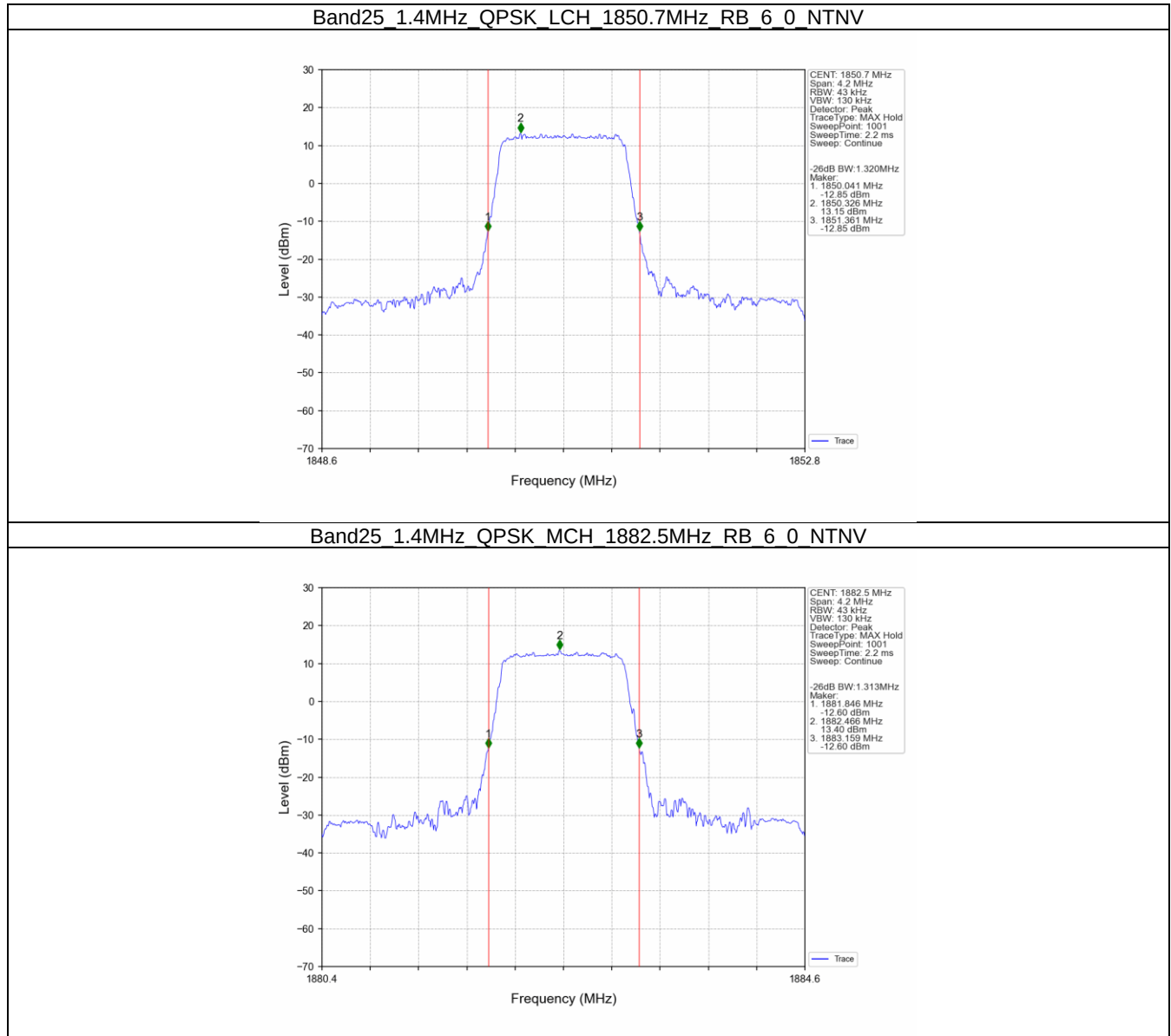
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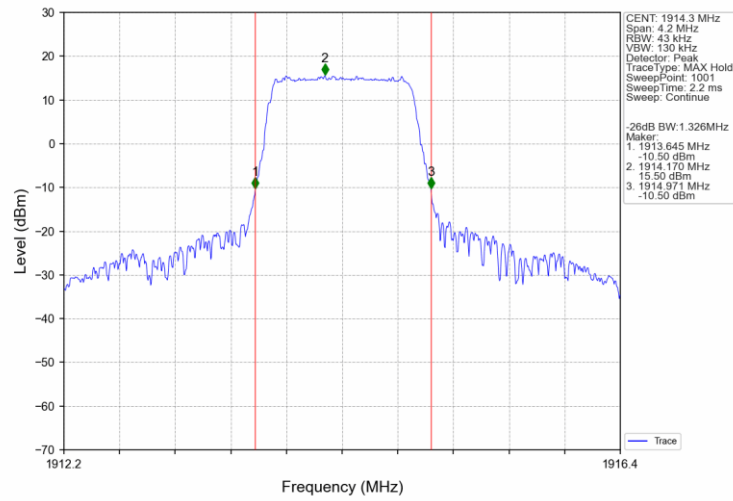
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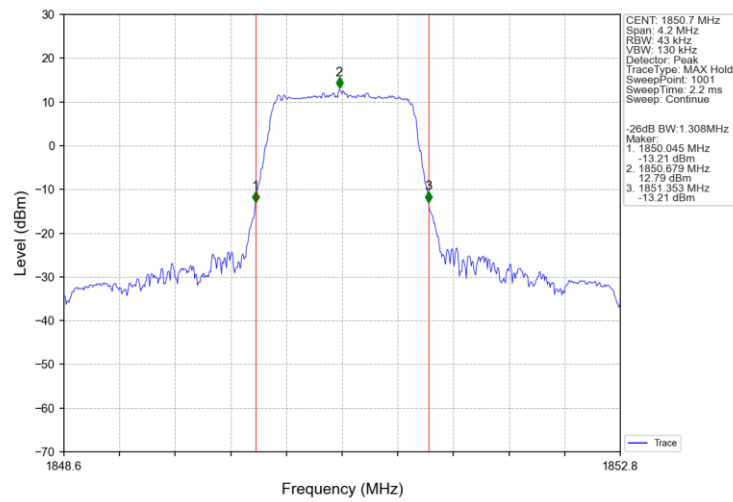
4.2.2 Band25_XDB



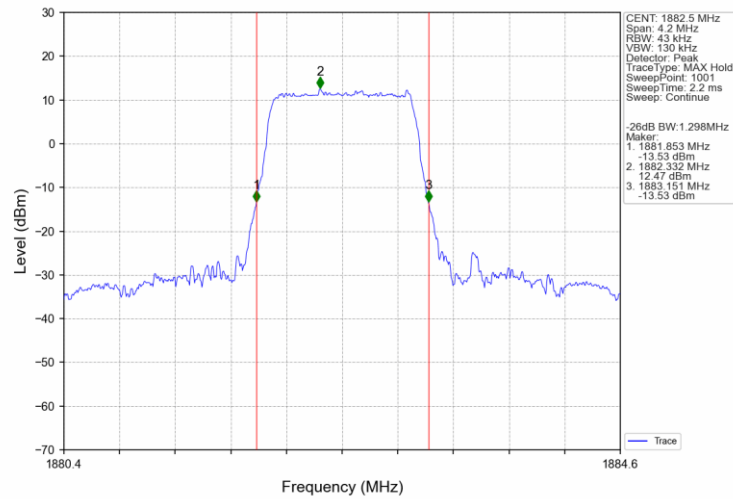
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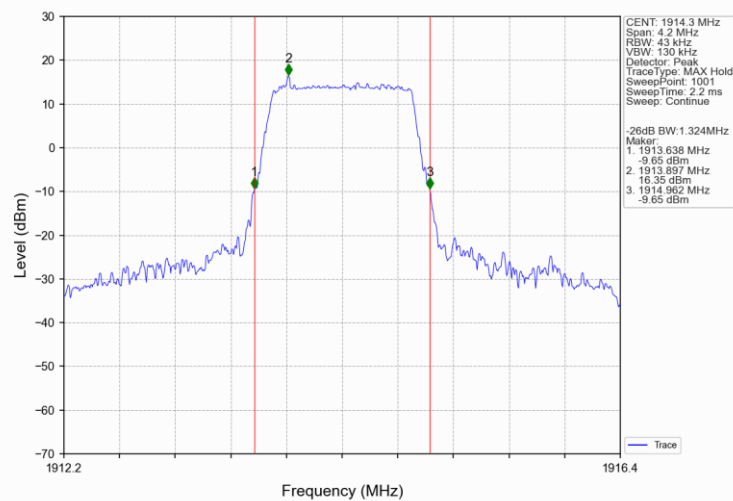
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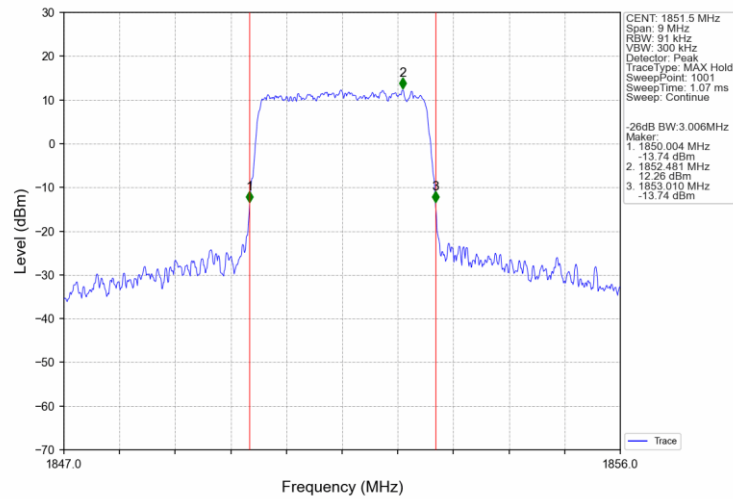
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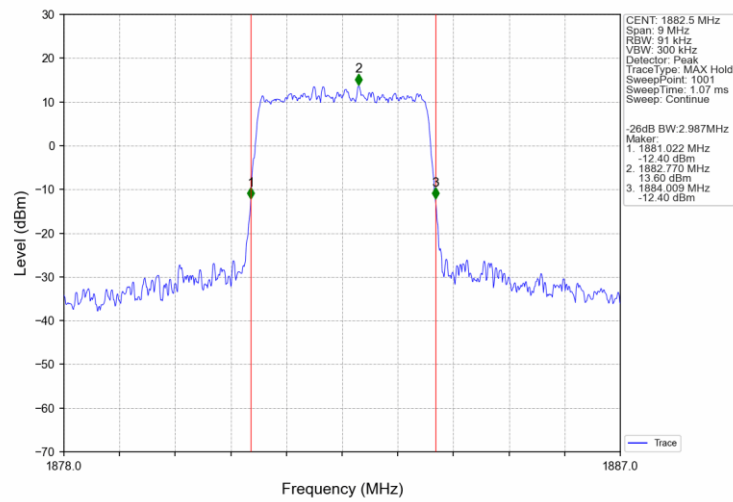
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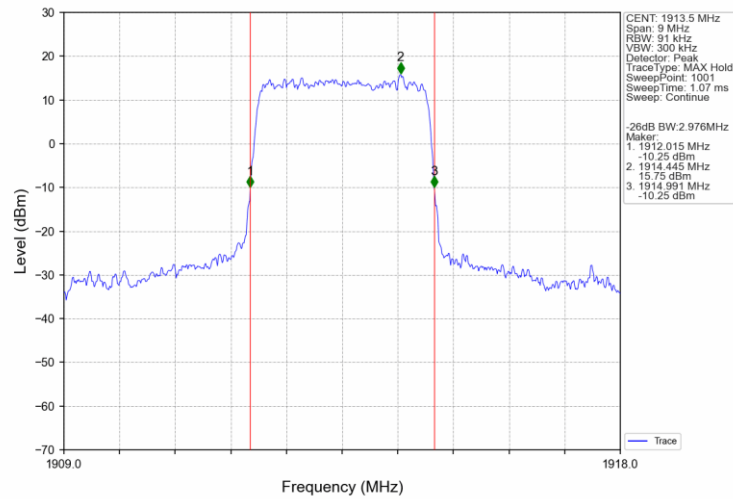
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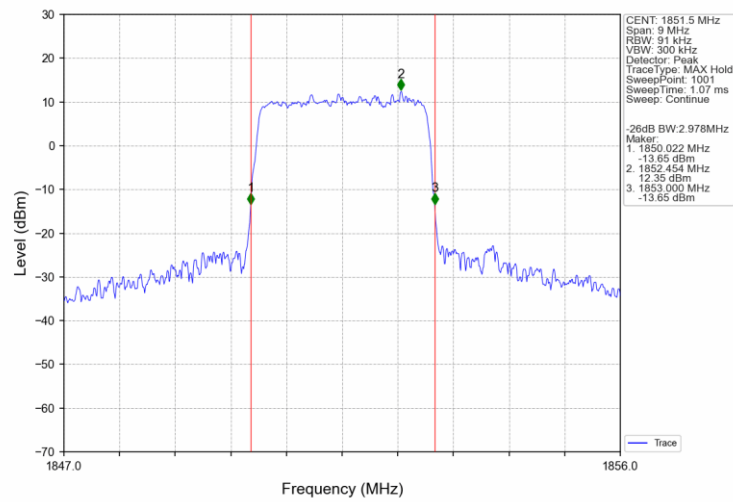
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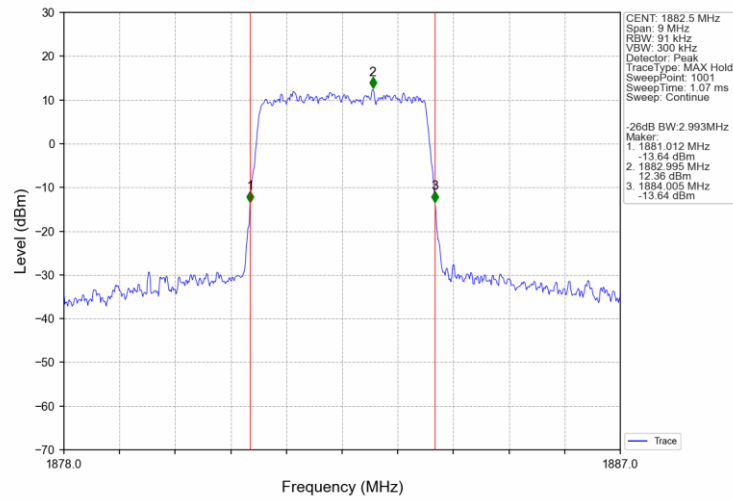
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Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

