

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	25.73	2.12	27.85	<=33.01	Pass
			2	25.88	2.12	28.00	<=33.01	Pass
			5	25.73	2.12	27.85	<=33.01	Pass
		3	0	25.81	2.12	27.93	<=33.01	Pass
			2	25.80	2.12	27.92	<=33.01	Pass
			3	25.79	2.12	27.91	<=33.01	Pass
		6	0	24.78	2.12	26.90	<=33.01	Pass
	1882.5	1	0	25.49	2.12	27.61	<=33.01	Pass
			2	25.53	2.12	27.65	<=33.01	Pass
			5	25.49	2.12	27.61	<=33.01	Pass
		3	0	25.58	2.12	27.70	<=33.01	Pass
			2	25.62	2.12	27.74	<=33.01	Pass
			3	25.56	2.12	27.68	<=33.01	Pass
		6	0	24.60	2.12	26.72	<=33.01	Pass
	1914.3	1	0	24.79	2.12	26.91	<=33.01	Pass
			2	24.16	2.12	26.28	<=33.01	Pass
			5	23.52	2.12	25.64	<=33.01	Pass
		3	0	22.02	2.12	24.14	<=33.01	Pass
			2	23.53	2.12	25.65	<=33.01	Pass
			3	23.37	2.12	25.49	<=33.01	Pass
		6	0	23.69	2.12	25.81	<=33.01	Pass
16QAM	1850.7	1	0	24.70	2.12	26.82	<=33.01	Pass
			2	24.78	2.12	26.90	<=33.01	Pass
			5	24.73	2.12	26.85	<=33.01	Pass
		3	0	24.83	2.12	26.95	<=33.01	Pass
			2	24.78	2.12	26.90	<=33.01	Pass
			3	24.80	2.12	26.92	<=33.01	Pass
		6	0	23.72	2.12	25.84	<=33.01	Pass
	1882.5	1	0	24.70	2.12	26.82	<=33.01	Pass
			2	24.79	2.12	26.91	<=33.01	Pass
			5	24.70	2.12	26.82	<=33.01	Pass
		3	0	24.59	2.12	26.71	<=33.01	Pass
			2	24.61	2.12	26.73	<=33.01	Pass
			3	24.61	2.12	26.73	<=33.01	Pass
		6	0	23.60	2.12	25.72	<=33.01	Pass
	1914.3	1	0	23.97	2.12	26.09	<=33.01	Pass
			2	23.63	2.12	25.75	<=33.01	Pass
			5	22.96	2.12	25.08	<=33.01	Pass
		3	0	23.91	2.12	26.03	<=33.01	Pass
			2	23.54	2.12	25.66	<=33.01	Pass
			3	23.55	2.12	25.67	<=33.01	Pass
		6	0	23.71	2.12	25.83	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	25.80	2.12	27.92	<=33.01	Pass
			7	25.89	2.12	28.01	<=33.01	Pass
			14	25.74	2.12	27.86	<=33.01	Pass
		8	0	24.78	2.12	26.90	<=33.01	Pass
			4	24.83	2.12	26.95	<=33.01	Pass
			7	24.79	2.12	26.91	<=33.01	Pass
		15	0	24.78	2.12	26.90	<=33.01	Pass
	1882.5	1	0	25.64	2.12	27.76	<=33.01	Pass
			7	25.77	2.12	27.89	<=33.01	Pass
			14	25.62	2.12	27.74	<=33.01	Pass
		8	0	24.68	2.12	26.80	<=33.01	Pass
			4	24.67	2.12	26.79	<=33.01	Pass
			7	24.62	2.12	26.74	<=33.01	Pass
		15	0	24.62	2.12	26.74	<=33.01	Pass
	1913.5	1	0	25.46	2.12	27.58	<=33.01	Pass
			7	24.88	2.12	27.00	<=33.01	Pass
			14	21.54	2.12	23.66	<=33.01	Pass
		8	0	24.52	2.12	26.64	<=33.01	Pass
			4	24.43	2.12	26.55	<=33.01	Pass
			7	23.98	2.12	26.10	<=33.01	Pass
		15	0	24.36	2.12	26.48	<=33.01	Pass
16QAM	1851.5	1	0	25.26	2.12	27.38	<=33.01	Pass
			7	25.41	2.12	27.53	<=33.01	Pass
			14	25.27	2.12	27.39	<=33.01	Pass
		8	0	23.98	2.12	26.10	<=33.01	Pass
			4	24.01	2.12	26.13	<=33.01	Pass
			7	23.98	2.12	26.10	<=33.01	Pass
		15	0	23.92	2.12	26.04	<=33.01	Pass
	1882.5	1	0	24.67	2.12	26.79	<=33.01	Pass
			7	24.80	2.12	26.92	<=33.01	Pass
			14	24.65	2.12	26.77	<=33.01	Pass
		8	0	23.72	2.12	25.84	<=33.01	Pass
			4	23.74	2.12	25.86	<=33.01	Pass
			7	23.70	2.12	25.82	<=33.01	Pass
		15	0	23.71	2.12	25.83	<=33.01	Pass
	1913.5	1	0	24.49	2.12	26.61	<=33.01	Pass
			7	24.54	2.12	26.66	<=33.01	Pass
			14	23.28	2.12	25.40	<=33.01	Pass
		8	0	23.37	2.12	25.49	<=33.01	Pass
			4	23.39	2.12	25.51	<=33.01	Pass
			7	23.32	2.12	25.44	<=33.01	Pass
		15	0	23.24	2.12	25.36	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	25.70	2.12	27.82	<=33.01	Pass
			13	25.79	2.12	27.91	<=33.01	Pass
			24	25.67	2.12	27.79	<=33.01	Pass
		12	0	24.75	2.12	26.87	<=33.01	Pass
			6	24.79	2.12	26.91	<=33.01	Pass
			13	24.76	2.12	26.88	<=33.01	Pass
		25	0	24.74	2.12	26.86	<=33.01	Pass
	1882.5	1	0	25.49	2.12	27.61	<=33.01	Pass
			13	25.60	2.12	27.72	<=33.01	Pass
			24	25.49	2.12	27.61	<=33.01	Pass
		12	0	24.66	2.12	26.78	<=33.01	Pass
			6	24.67	2.12	26.79	<=33.01	Pass
			13	24.59	2.12	26.71	<=33.01	Pass
		25	0	24.62	2.12	26.74	<=33.01	Pass
	1912.5	1	0	25.38	2.12	27.50	<=33.01	Pass
			13	25.42	2.12	27.54	<=33.01	Pass
			24	23.64	2.12	25.76	<=33.01	Pass
		12	0	24.32	2.12	26.44	<=33.01	Pass
			6	24.42	2.12	26.54	<=33.01	Pass
			13	24.11	2.12	26.23	<=33.01	Pass
		25	0	24.19	2.12	26.31	<=33.01	Pass
16QAM	1852.5	1	0	24.92	2.12	27.04	<=33.01	Pass
			13	25.06	2.12	27.18	<=33.01	Pass
			24	24.92	2.12	27.04	<=33.01	Pass
		12	0	23.83	2.12	25.95	<=33.01	Pass
			6	23.88	2.12	26.00	<=33.01	Pass
			13	23.83	2.12	25.95	<=33.01	Pass
		25	0	23.80	2.12	25.92	<=33.01	Pass
	1882.5	1	0	24.39	2.12	26.51	<=33.01	Pass
			13	24.50	2.12	26.62	<=33.01	Pass
			24	24.40	2.12	26.52	<=33.01	Pass
		12	0	23.64	2.12	25.76	<=33.01	Pass
			6	23.69	2.12	25.81	<=33.01	Pass
			13	23.58	2.12	25.70	<=33.01	Pass
		25	0	23.69	2.12	25.81	<=33.01	Pass
	1912.5	1	0	24.35	2.12	26.47	<=33.01	Pass
			13	24.42	2.12	26.54	<=33.01	Pass
			24	23.44	2.12	25.56	<=33.01	Pass
		12	0	23.14	2.12	25.26	<=33.01	Pass
			6	23.26	2.12	25.38	<=33.01	Pass
			13	23.06	2.12	25.18	<=33.01	Pass
		25	0	23.14	2.12	25.26	<=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	25.77	2.12	27.89	<=33.01	Pass
			25	25.91	2.12	28.03	<=33.01	Pass
			49	25.75	2.12	27.87	<=33.01	Pass
		25	0	24.80	2.12	26.92	<=33.01	Pass
			13	24.83	2.12	26.95	<=33.01	Pass
			25	24.86	2.12	26.98	<=33.01	Pass
		50	0	24.83	2.12	26.95	<=33.01	Pass
			0	25.62	2.12	27.74	<=33.01	Pass
			25	25.76	2.12	27.88	<=33.01	Pass
	1882.5	1	49	25.58	2.12	27.70	<=33.01	Pass
			0	24.77	2.12	26.89	<=33.01	Pass
			13	24.63	2.12	26.75	<=33.01	Pass
		25	25	24.59	2.12	26.71	<=33.01	Pass
			0	24.71	2.12	26.83	<=33.01	Pass
			0	25.37	2.12	27.49	<=33.01	Pass
		25	25	25.62	2.12	27.74	<=33.01	Pass
			49	23.78	2.12	25.90	<=33.01	Pass
			0	24.50	2.12	26.62	<=33.01	Pass
16QAM	1855	1	13	24.43	2.12	26.55	<=33.01	Pass
			25	24.29	2.12	26.41	<=33.01	Pass
			0	24.40	2.12	26.52	<=33.01	Pass
		25	0	25.25	2.12	27.37	<=33.01	Pass
			25	25.42	2.12	27.54	<=33.01	Pass
			49	25.15	2.12	27.27	<=33.01	Pass
		50	0	23.91	2.12	26.03	<=33.01	Pass
			13	23.87	2.12	25.99	<=33.01	Pass
			25	23.90	2.12	26.02	<=33.01	Pass
	1882.5	1	0	23.88	2.12	26.00	<=33.01	Pass
			0	24.64	2.12	26.76	<=33.01	Pass
			25	24.77	2.12	26.89	<=33.01	Pass
		25	49	24.58	2.12	26.70	<=33.01	Pass
			0	23.84	2.12	25.96	<=33.01	Pass
			13	23.74	2.12	25.86	<=33.01	Pass
		50	25	23.70	2.12	25.82	<=33.01	Pass
			0	23.75	2.12	25.87	<=33.01	Pass
			0	24.55	2.12	26.67	<=33.01	Pass
	1910	1	25	24.63	2.12	26.75	<=33.01	Pass
			49	23.77	2.12	25.89	<=33.01	Pass
			0	23.51	2.12	25.63	<=33.01	Pass
		25	13	23.43	2.12	25.55	<=33.01	Pass
			25	23.26	2.12	25.38	<=33.01	Pass
			0	23.47	2.12	25.59	<=33.01	Pass
		50	0	23.47	2.12	25.59	<=33.01	Pass
			0	23.47	2.12	25.59	<=33.01	Pass
			0	23.47	2.12	25.59	<=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	25.68	2.12	27.80	<=33.01	Pass
			38	25.75	2.12	27.87	<=33.01	Pass
			74	25.70	2.12	27.82	<=33.01	Pass
		36	0	24.83	2.12	26.95	<=33.01	Pass
			18	24.87	2.12	26.99	<=33.01	Pass
			39	25.02	2.12	27.14	<=33.01	Pass
		75	0	24.92	2.12	27.04	<=33.01	Pass
	1882.5	1	0	25.59	2.12	27.71	<=33.01	Pass
			38	25.63	2.12	27.75	<=33.01	Pass
			74	25.43	2.12	27.55	<=33.01	Pass
		36	0	24.85	2.12	26.97	<=33.01	Pass
			18	24.71	2.12	26.83	<=33.01	Pass
			39	24.67	2.12	26.79	<=33.01	Pass
		75	0	24.76	2.12	26.88	<=33.01	Pass
	1907.5	1	0	25.34	2.12	27.46	<=33.01	Pass
			38	25.39	2.12	27.51	<=33.01	Pass
			74	24.08	2.12	26.20	<=33.01	Pass
		36	0	24.73	2.12	26.85	<=33.01	Pass
			18	24.54	2.12	26.66	<=33.01	Pass
			39	24.54	2.12	26.66	<=33.01	Pass
		75	0	24.72	2.12	26.84	<=33.01	Pass
16QAM	1857.5	1	0	25.17	2.12	27.29	<=33.01	Pass
			38	25.18	2.12	27.30	<=33.01	Pass
			74	24.98	2.12	27.10	<=33.01	Pass
		36	0	23.84	2.12	25.96	<=33.01	Pass
			18	23.84	2.12	25.96	<=33.01	Pass
			39	23.91	2.12	26.03	<=33.01	Pass
		75	0	23.87	2.12	25.99	<=33.01	Pass
	1882.5	1	0	24.81	2.12	26.93	<=33.01	Pass
			38	24.99	2.12	27.11	<=33.01	Pass
			74	24.84	2.12	26.96	<=33.01	Pass
		36	0	23.77	2.12	25.89	<=33.01	Pass
			18	23.67	2.12	25.79	<=33.01	Pass
			39	23.64	2.12	25.76	<=33.01	Pass
		75	0	23.72	2.12	25.84	<=33.01	Pass
	1907.5	1	0	24.47	2.12	26.59	<=33.01	Pass
			38	24.58	2.12	26.70	<=33.01	Pass
			74	24.07	2.12	26.19	<=33.01	Pass
		36	0	23.70	2.12	25.82	<=33.01	Pass
			18	23.54	2.12	25.66	<=33.01	Pass
			39	23.47	2.12	25.59	<=33.01	Pass
		75	0	23.64	2.12	25.76	<=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	25.51	2.12	27.63	<=33.01	Pass
			50	25.86	2.12	27.98	<=33.01	Pass
			99	25.41	2.12	27.53	<=33.01	Pass
		50	0	24.63	2.12	26.75	<=33.01	Pass
			25	24.77	2.12	26.89	<=33.01	Pass
			50	24.81	2.12	26.93	<=33.01	Pass
		100	0	24.78	2.12	26.90	<=33.01	Pass
			0	25.37	2.12	27.49	<=33.01	Pass
			50	25.72	2.12	27.84	<=33.01	Pass
	1882.5	1	99	25.25	2.12	27.37	<=33.01	Pass
			0	24.83	2.12	26.95	<=33.01	Pass
			25	24.65	2.12	26.77	<=33.01	Pass
		50	50	24.60	2.12	26.72	<=33.01	Pass
			0	24.80	2.12	26.92	<=33.01	Pass
			0	25.13	2.12	27.25	<=33.01	Pass
		100	50	25.52	2.12	27.64	<=33.01	Pass
			99	24.43	2.12	26.55	<=33.01	Pass
			0	24.56	2.12	26.68	<=33.01	Pass
16QAM	1860	1	25	24.48	2.12	26.60	<=33.01	Pass
			50	24.47	2.12	26.59	<=33.01	Pass
			0	24.58	2.12	26.70	<=33.01	Pass
		50	0	24.66	2.12	26.78	<=33.01	Pass
			50	24.94	2.12	27.06	<=33.01	Pass
			99	24.46	2.12	26.58	<=33.01	Pass
		100	0	23.66	2.12	25.78	<=33.01	Pass
			25	23.74	2.12	25.86	<=33.01	Pass
			50	23.76	2.12	25.88	<=33.01	Pass
	1882.5	1	0	23.74	2.12	25.86	<=33.01	Pass
			0	24.57	2.12	26.69	<=33.01	Pass
			50	25.02	2.12	27.14	<=33.01	Pass
		50	99	24.55	2.12	26.67	<=33.01	Pass
			0	23.84	2.12	25.96	<=33.01	Pass
			25	23.66	2.12	25.78	<=33.01	Pass
		100	50	23.62	2.12	25.74	<=33.01	Pass
			0	23.80	2.12	25.92	<=33.01	Pass
			0	24.58	2.12	26.70	<=33.01	Pass
	1905	1	50	25.03	2.12	27.15	<=33.01	Pass
			99	24.42	2.12	26.54	<=33.01	Pass
			0	23.54	2.12	25.66	<=33.01	Pass
		50	25	23.49	2.12	25.61	<=33.01	Pass
			50	23.50	2.12	25.62	<=33.01	Pass
			0	23.56	2.12	25.68	<=33.01	Pass
		100	0	23.56	2.12	25.68	<=33.01	Pass
			0	23.56	2.12	25.68	<=33.01	Pass
			0	23.56	2.12	25.68	<=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	-21.858	-0.0118	-2.5 to 2.5	Pass
					3.85	-18.854	-0.0102	-2.5 to 2.5	Pass
					4.43	-12.388	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-12.560	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-11.973	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-9.227	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-13.118	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.639	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-16.465	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-1.917	-0.0010	-2.5 to 2.5	Pass
					3.85	-18.082	-0.0096	-2.5 to 2.5	Pass
					4.43	-14.749	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-4.935	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-9.985	-0.0053	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-19.255	-0.0101	-2.5 to 2.5	Pass
					3.85	-15.693	-0.0082	-2.5 to 2.5	Pass
					4.43	9.499	0.0050	-2.5 to 2.5	Pass
				-30	3.85	-7.782	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-8.354	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-8.984	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.490	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-10.242	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	2.961	0.0016	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
					4.43	2.704	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-10.142	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-6.866	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-10.443	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-12.531	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-14.763	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-14.062	-0.0076	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-10.257	-0.0054	-2.5 to 2.5	Pass
					3.85	-7.710	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-8.082	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-15.936	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-16.279	-0.0086	-2.5 to 2.5	Pass

				0	3.85	-12.674	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-14.548	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-14.434	-0.0077	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	1.488	0.0008	-2.5 to 2.5	Pass
					3.85	-8.612	-0.0045	-2.5 to 2.5	Pass
					4.43	2.260	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-8.197	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-9.456	-0.0049	-2.5 to 2.5	Pass
				10	3.85	12.474	0.0065	-2.5 to 2.5	Pass
				30	3.85	11.401	0.0060	-2.5 to 2.5	Pass
				40	3.85	7.367	0.0038	-2.5 to 2.5	Pass
				50	3.85	-7.138	-0.0037	-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	-15.063	-0.0081	-2.5 to 2.5	Pass
					3.85	-17.853	-0.0096	-2.5 to 2.5	Pass
					4.43	-17.767	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	67.077	0.0362	-2.5 to 2.5	Pass
				-20	3.85	10.328	0.0056	-2.5 to 2.5	Pass
				-10	3.85	7.954	0.0043	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0033	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-12.259	-0.0065	-2.5 to 2.5	Pass
					3.85	-11.430	-0.0061	-2.5 to 2.5	Pass
					4.43	-3.004	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-6.666	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				10	3.85	6.080	0.0032	-2.5 to 2.5	Pass
				30	3.85	4.420	0.0023	-2.5 to 2.5	Pass
				40	3.85	-13.189	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-16.708	-0.0087	-2.5 to 2.5	Pass
					3.85	-8.941	-0.0047	-2.5 to 2.5	Pass
					4.43	1.144	0.0006	-2.5 to 2.5	Pass
				-30	3.85	5.665	0.0030	-2.5 to 2.5	Pass
				-20	3.85	5.379	0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.346	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				30	3.85	6.151	0.0032	-2.5 to 2.5	Pass
				40	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.947	-0.0015	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-0.615	-0.0003	-2.5 to 2.5	Pass
					3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
					4.43	-24.190	-0.0131	-2.5 to 2.5	Pass

				-30	3.85	-9.370	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-8.655	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-10.929	-0.0059	-2.5 to 2.5	Pass
				50	3.85	3.033	0.0016	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	1.702	0.0009	-2.5 to 2.5	Pass
					3.85	-9.871	-0.0052	-2.5 to 2.5	Pass
					4.43	-10.672	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-13.676	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-10.943	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-8.569	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-11.201	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	6.108	0.0032	-2.5 to 2.5	Pass
					3.85	3.619	0.0019	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-18.439	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-8.154	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-3.119	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.960	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-6.781	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0017	-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	-19.526	-0.0105	-2.5 to 2.5	Pass
					3.85	-12.631	-0.0068	-2.5 to 2.5	Pass
					4.43	-3.061	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-12.374	-0.0067	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-18.196	-0.0097	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
					4.43	-8.297	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-8.612	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	4.892	0.0026	-2.5 to 2.5	Pass
				0	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-12.016	-0.0064	-2.5 to 2.5	Pass

	1912.5	25	0	20	3.27	-20.227	-0.0106	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.546	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-6.166	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-8.969	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-5.536	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-5.393	-0.0028	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	3.033	0.0016	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
					4.43	-9.127	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-8.168	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-9.284	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-11.373	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-12.660	-0.0068	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	0.644	0.0003	-2.5 to 2.5	Pass
					3.85	-8.011	-0.0043	-2.5 to 2.5	Pass
					4.43	-9.971	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-9.127	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-11.172	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-10.314	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-12.474	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-13.089	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-7.868	-0.0041	-2.5 to 2.5	Pass
					4.43	-7.224	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-19.512	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-12.689	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-9.985	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-13.790	-0.0072	-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	-12.789	-0.0069	-2.5 to 2.5	Pass
					3.85	-6.380	-0.0034	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				0	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass

				30	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-15.478	-0.0082	-2.5 to 2.5	Pass
					3.85	-7.095	-0.0038	-2.5 to 2.5	Pass
					4.43	-5.565	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-8.111	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-8.454	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-12.403	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.965	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-11.802	-0.0062	-2.5 to 2.5	Pass
					3.85	0.858	0.0004	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-8.440	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-4.420	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-12.274	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-5.708	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-8.941	-0.0047	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-5.693	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0036	-2.5 to 2.5	Pass
					4.43	-3.061	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-7.567	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-11.501	-0.0062	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-3.176	-0.0017	-2.5 to 2.5	Pass
					3.85	-6.866	-0.0036	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-6.852	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-9.742	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-7.424	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-9.842	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-8.655	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-12.760	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-6.351	-0.0034	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-6.309	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-6.695	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-8.798	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-8.168	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-10.257	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-11.673	-0.0061	-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	-8.898	-0.0048	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-6.051	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.964	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-10.643	-0.0057	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-7.410	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-9.413	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.736	-0.0030	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-8.111	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.436	-0.0028	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-5.436	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-7.510	-0.0039	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-4.578	-0.0025	-2.5 to 2.5	Pass
					3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
					4.43	-7.081	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-5.207	-0.0028	-2.5 to 2.5	Pass
					3.85	-6.237	-0.0033	-2.5 to 2.5	Pass
					4.43	-6.108	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.480	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.836	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass

	1907.5	75	0	20	3.27	-0.830	-0.0004	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.981	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-7.195	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-8.883	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.333	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-6.409	-0.0034	-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	-13.647	-0.0073	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-5.922	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.935	-0.0027	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-6.351	-0.0034	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
					4.43	-9.985	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-6.280	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-10.772	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-7.367	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-7.668	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-9.556	-0.0051	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-9.842	-0.0052	-2.5 to 2.5	Pass
					3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
					4.43	-7.782	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-11.272	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-6.909	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-5.593	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-2.961	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-7.567	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.522	-0.0030	-2.5 to 2.5	Pass

				30	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-8.469	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.738	-0.0036	-2.5 to 2.5	Pass
					4.43	-8.597	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.595	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-9.685	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-10.185	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0029	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-4.406	-0.0023	-2.5 to 2.5	Pass
					3.85	-7.682	-0.0040	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.583	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-3.891	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-6.566	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-8.955	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0036	-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

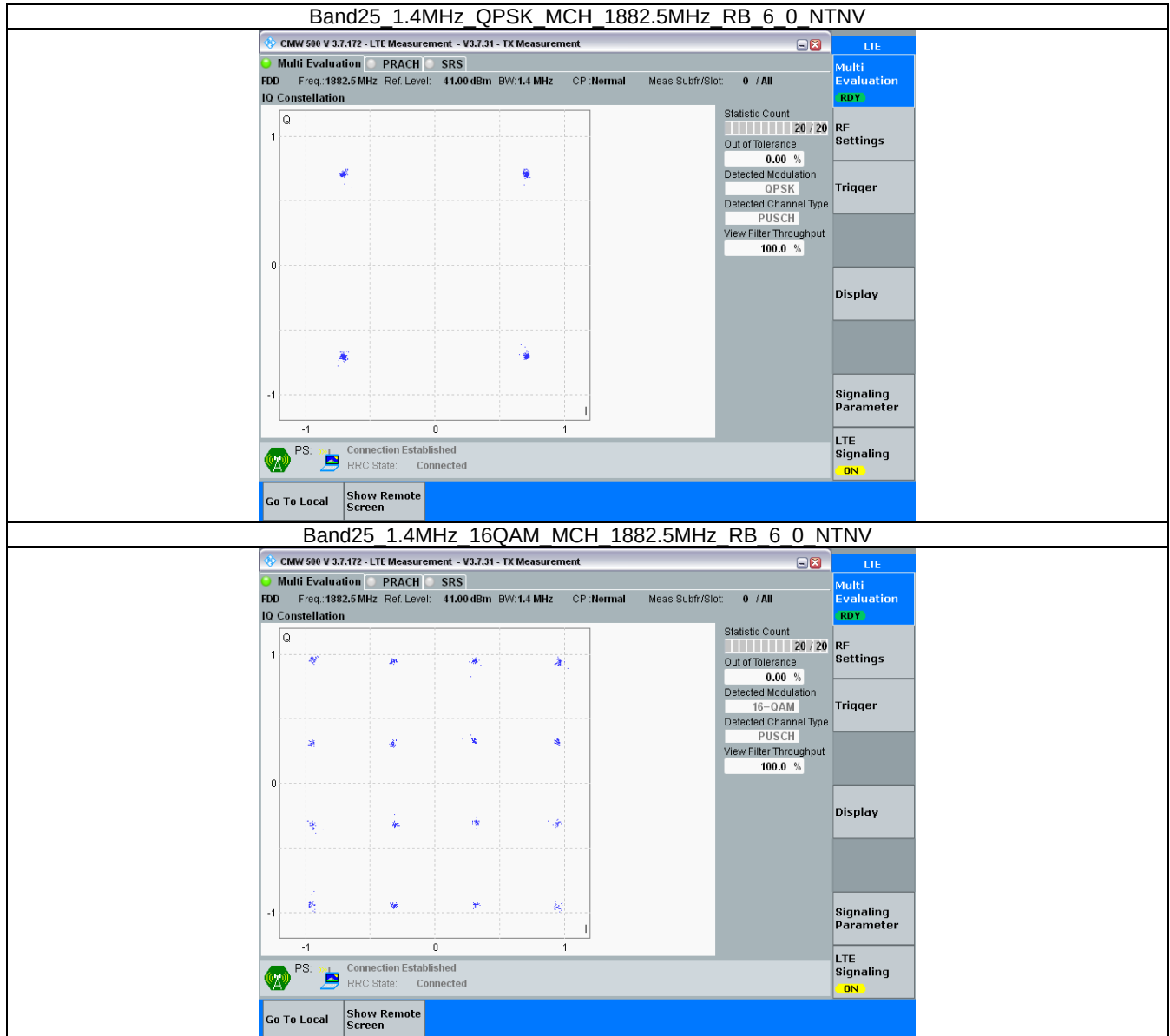
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

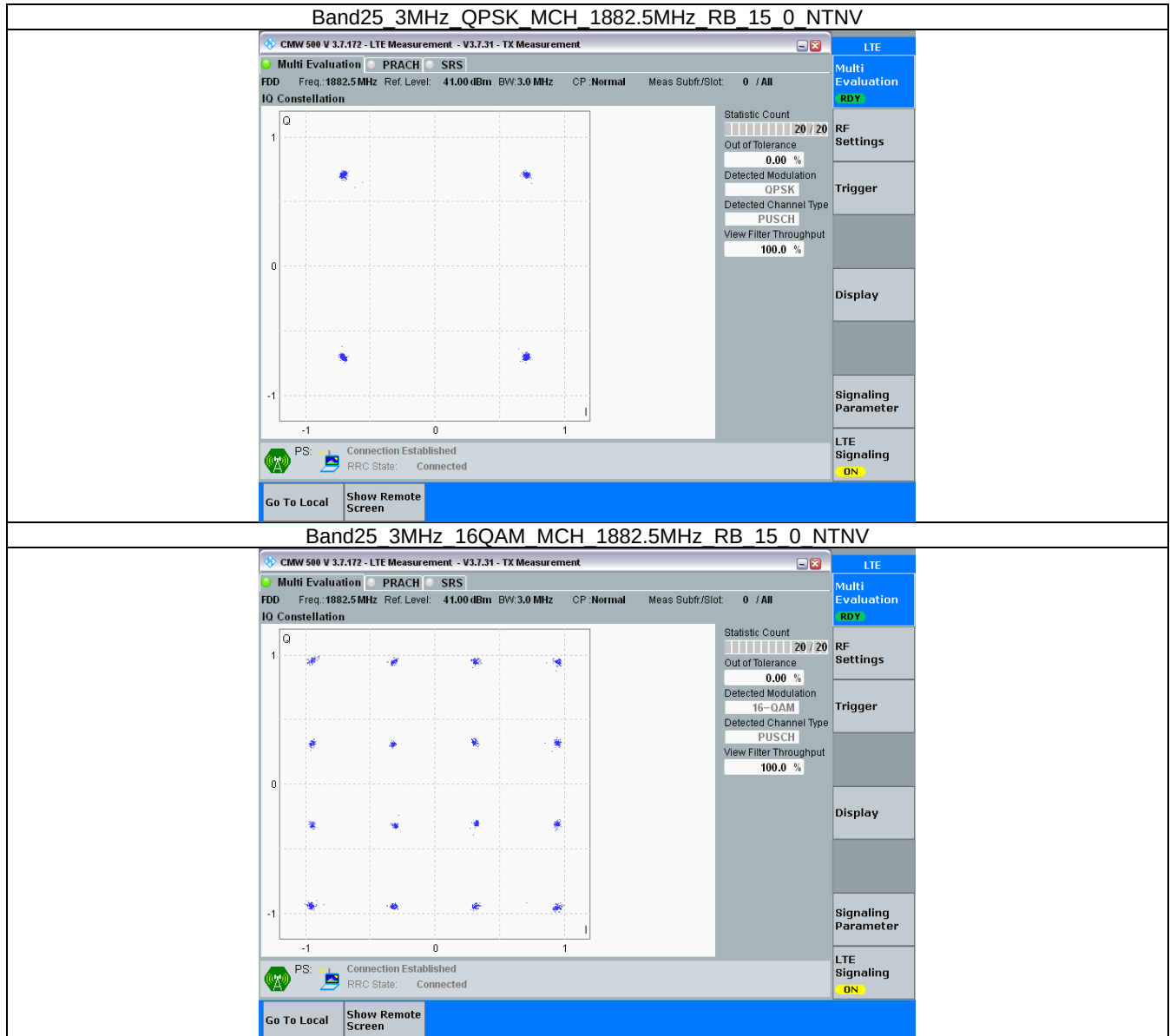
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

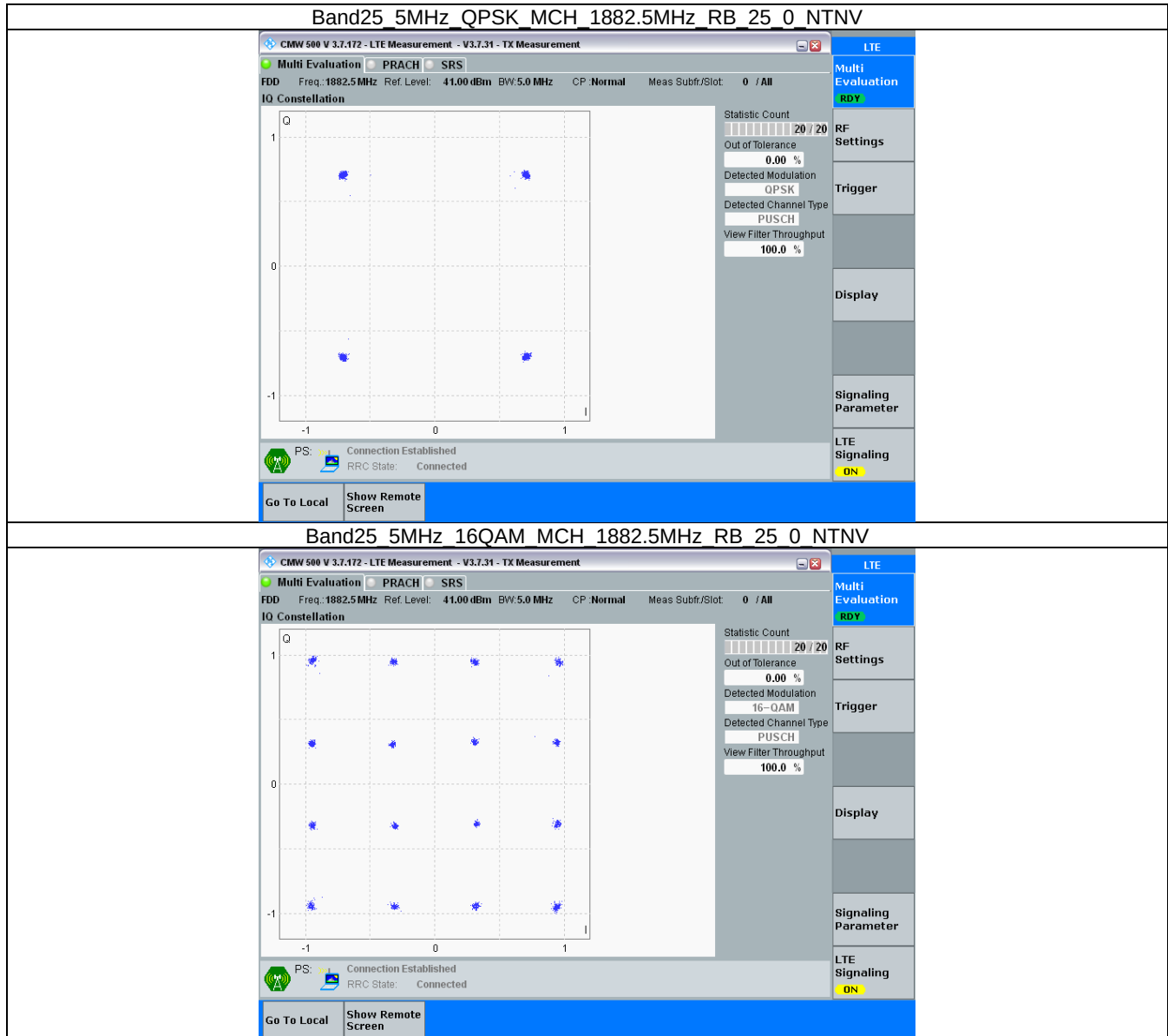
3.2.1 B25_1.4MHz



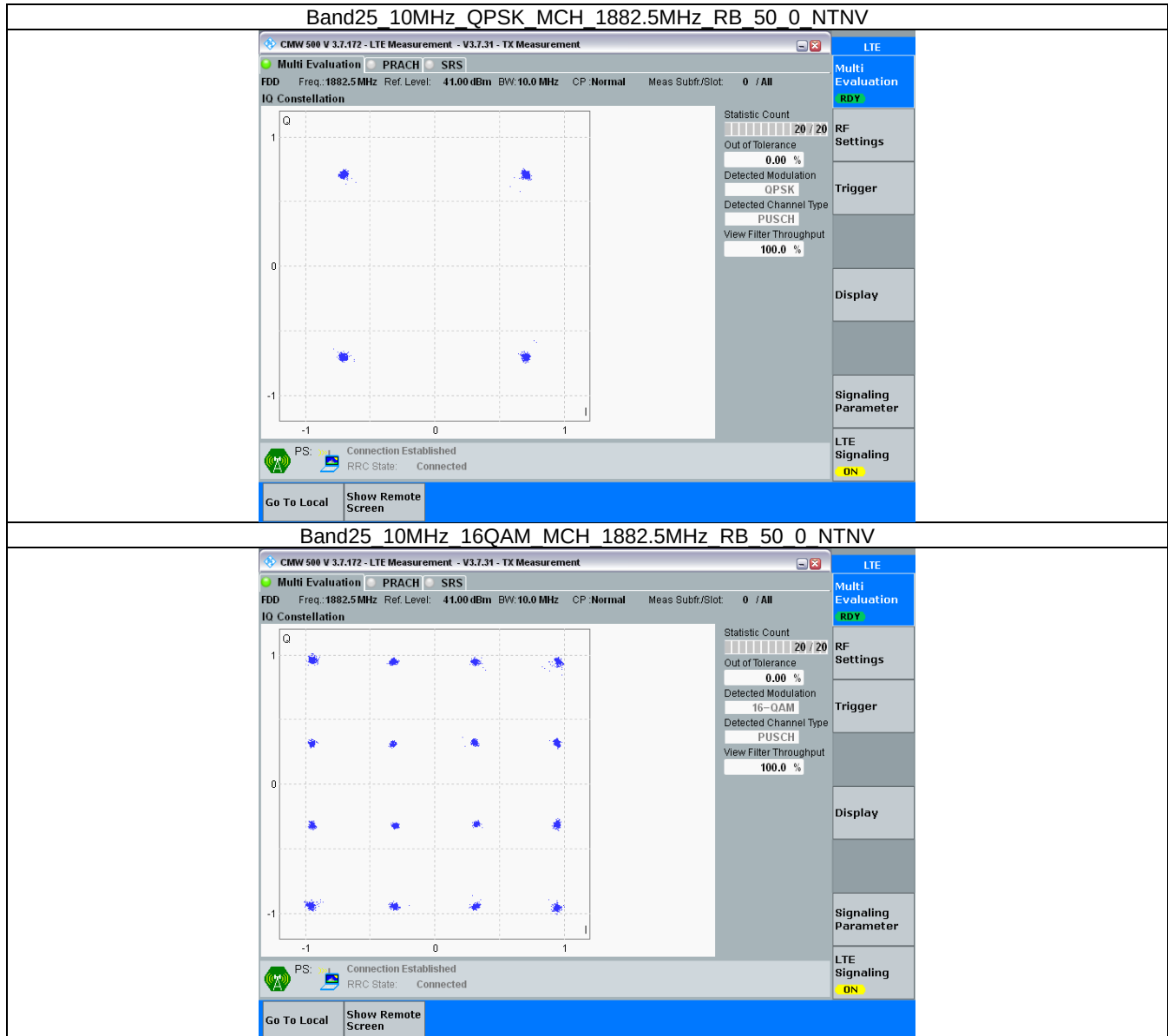
3.2.2 B25_3MHz



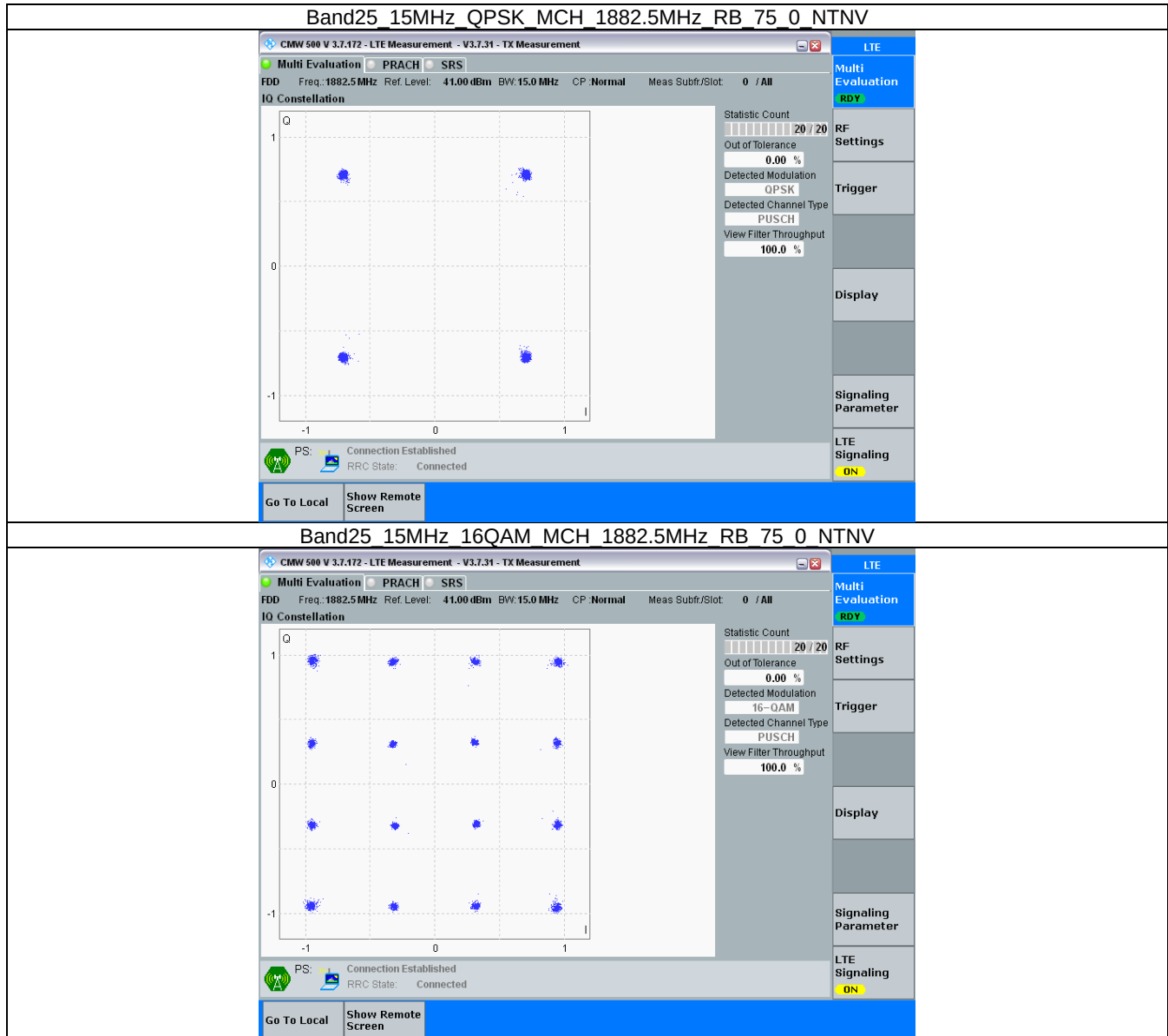
3.2.3 B25_5MHz



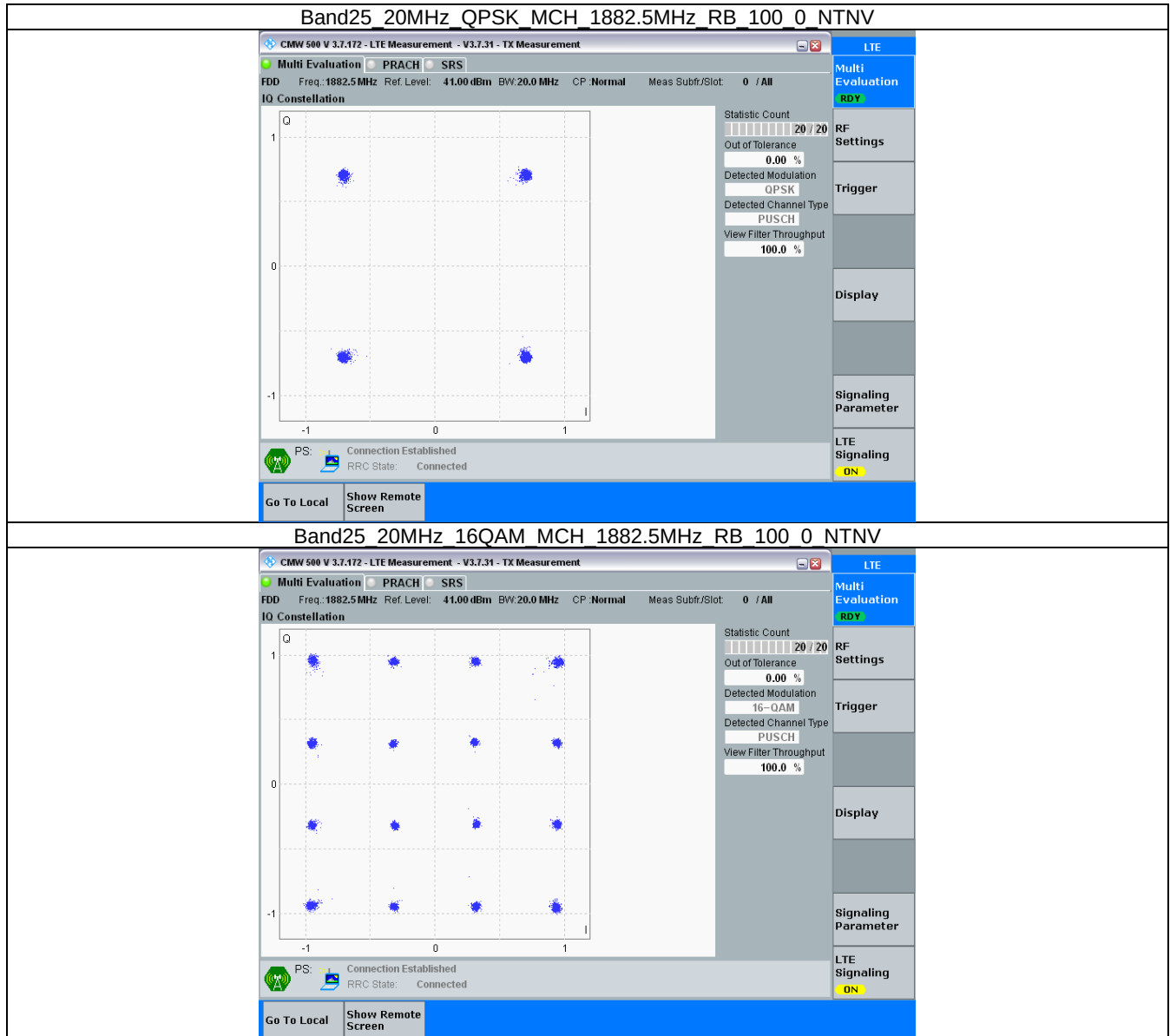
3.2.4 B25_10MHz



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	1.110	/	Pass
		1882.5	6	0	1.108	/	Pass
		1914.3	6	0	1.117	/	Pass
	16QAM	1850.7	6	0	1.118	/	Pass
		1882.5	6	0	1.097	/	Pass
		1914.3	6	0	1.120	/	Pass
3	QPSK	1851.5	15	0	2.728	/	Pass
		1882.5	15	0	2.728	/	Pass
		1913.5	15	0	2.743	/	Pass
	16QAM	1851.5	15	0	2.724	/	Pass
		1882.5	15	0	2.716	/	Pass
		1913.5	15	0	2.729	/	Pass
5	QPSK	1852.5	25	0	4.568	/	Pass
		1882.5	25	0	4.588	/	Pass
		1912.5	25	0	4.571	/	Pass
	16QAM	1852.5	25	0	4.590	/	Pass
		1882.5	25	0	4.571	/	Pass
		1912.5	25	0	4.577	/	Pass
10	QPSK	1855	50	0	9.084	/	Pass
		1882.5	50	0	9.113	/	Pass
		1910	50	0	9.116	/	Pass
	16QAM	1855	50	0	9.090	/	Pass
		1882.5	50	0	9.067	/	Pass
		1910	50	0	9.101	/	Pass
15	QPSK	1857.5	75	0	13.678	/	Pass
		1882.5	75	0	13.676	/	Pass
		1907.5	75	0	13.728	/	Pass
	16QAM	1857.5	75	0	13.707	/	Pass
		1882.5	75	0	13.640	/	Pass
		1907.5	75	0	13.731	/	Pass
20	QPSK	1860	100	0	18.207	/	Pass
		1882.5	100	0	18.216	/	Pass
		1905	100	0	18.138	/	Pass
	16QAM	1860	100	0	18.265	/	Pass
		1882.5	100	0	18.180	/	Pass
		1905	100	0	18.189	/	Pass

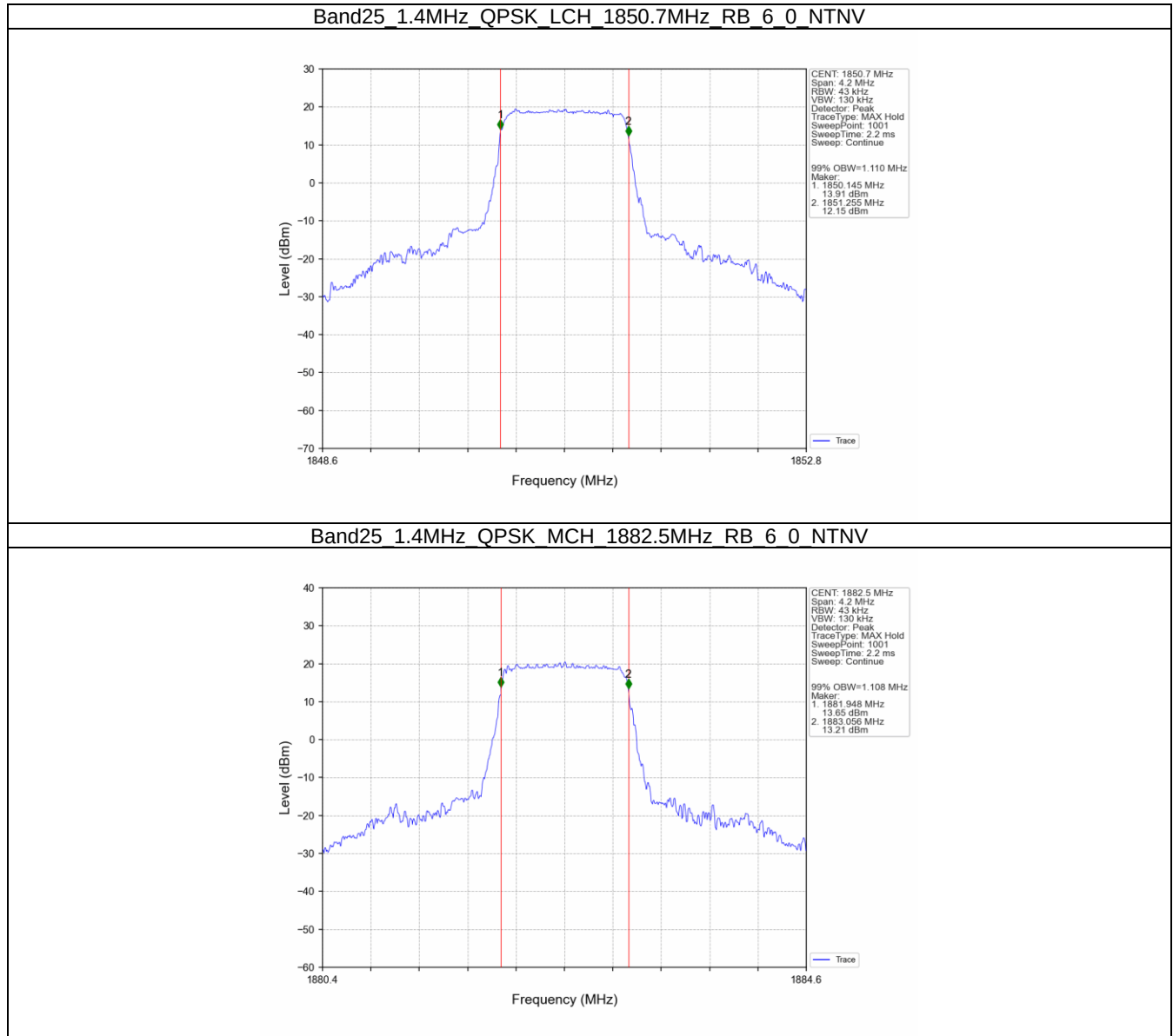
4.1.2 Band25_XDB

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	1.340	/	Pass
		1882.5	6	0	1.318	/	Pass
		1914.3	6	0	1.348	/	Pass
	16QAM	1850.7	6	0	1.323	/	Pass
		1882.5	6	0	1.292	/	Pass
		1914.3	6	0	1.321	/	Pass
3	QPSK	1851.5	15	0	3.011	/	Pass

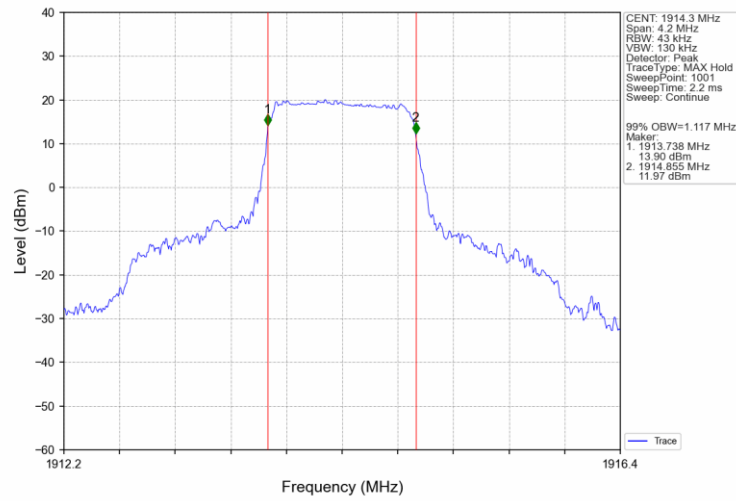
	16QAM	1882.5	15	0	2.989	/	Pass
		1913.5	15	0	3.050	/	Pass
		1851.5	15	0	3.008	/	Pass
		1882.5	15	0	2.988	/	Pass
		1913.5	15	0	3.130	/	Pass
5	QPSK	1852.5	25	0	5.345	/	Pass
		1882.5	25	0	5.243	/	Pass
		1912.5	25	0	5.396	/	Pass
	16QAM	1852.5	25	0	5.295	/	Pass
		1882.5	25	0	5.326	/	Pass
		1912.5	25	0	5.359	/	Pass
10	QPSK	1855	50	0	10.401	/	Pass
		1882.5	50	0	10.289	/	Pass
		1910	50	0	10.452	/	Pass
	16QAM	1855	50	0	10.201	/	Pass
		1882.5	50	0	10.230	/	Pass
		1910	50	0	10.290	/	Pass
15	QPSK	1857.5	75	0	15.443	/	Pass
		1882.5	75	0	15.630	/	Pass
		1907.5	75	0	15.498	/	Pass
	16QAM	1857.5	75	0	15.594	/	Pass
		1882.5	75	0	15.322	/	Pass
		1907.5	75	0	15.477	/	Pass
20	QPSK	1860	100	0	20.070	/	Pass
		1882.5	100	0	20.223	/	Pass
		1905	100	0	19.916	/	Pass
	16QAM	1860	100	0	22.987	/	Pass
		1882.5	100	0	20.183	/	Pass
		1905	100	0	20.045	/	Pass

4.2 Test Graph

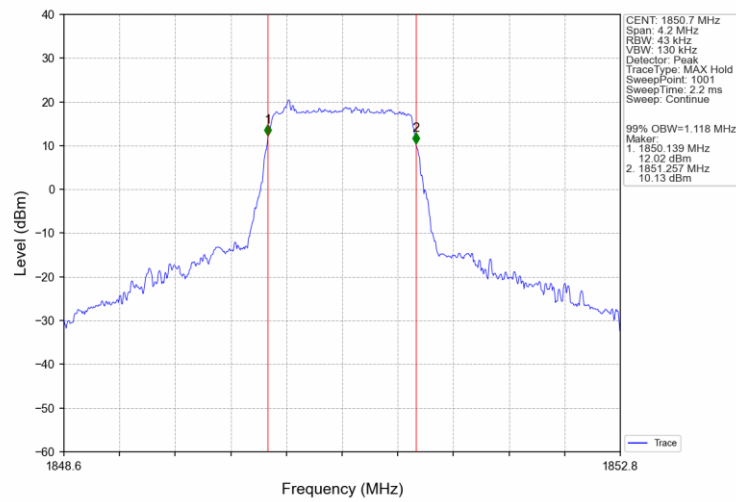
4.2.1 Band25_OBW



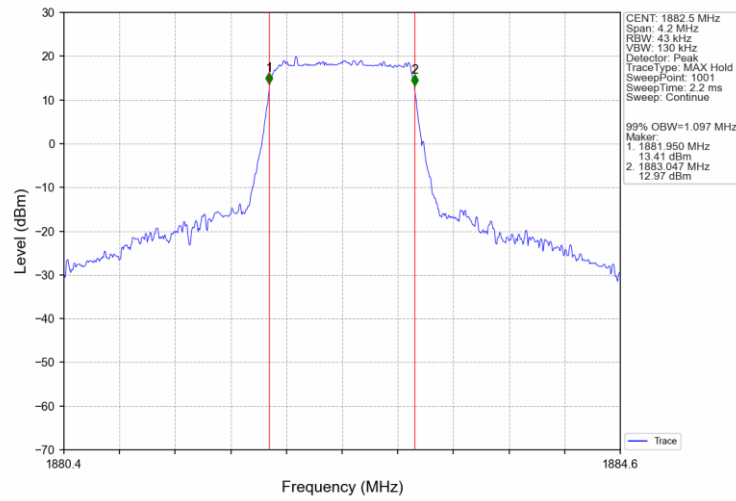
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



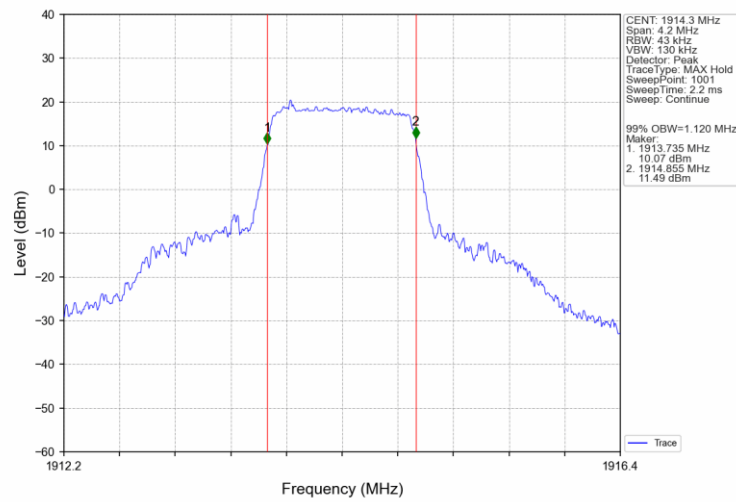
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



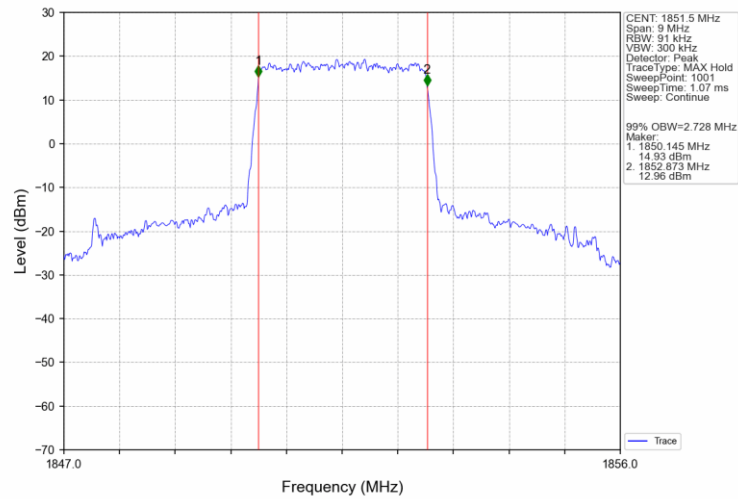
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



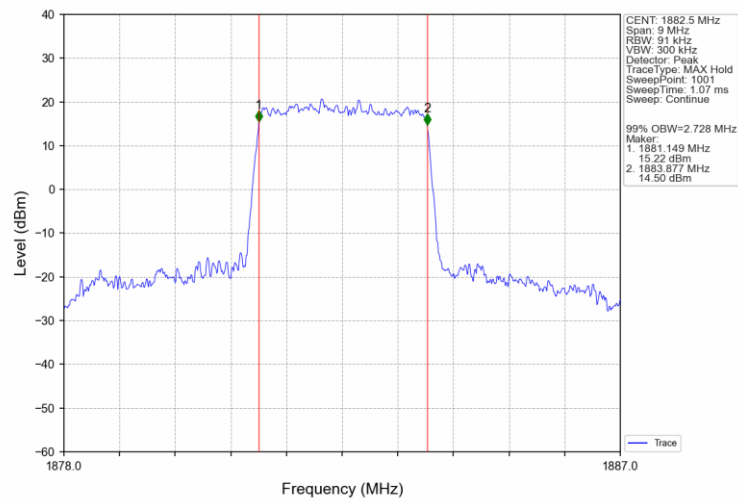
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



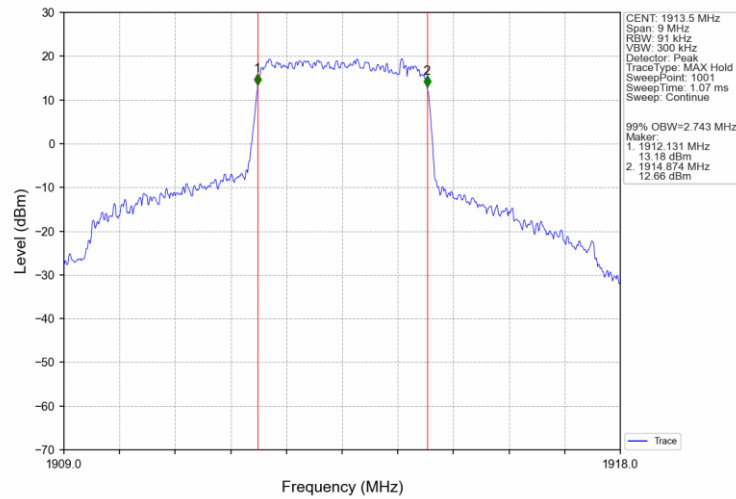
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



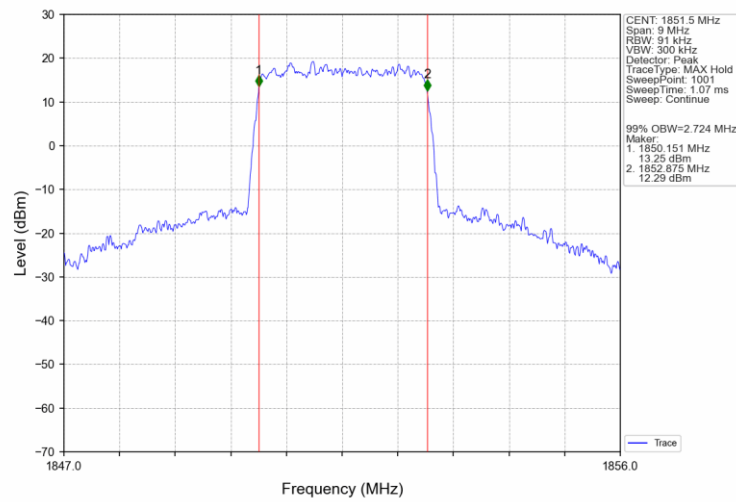
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



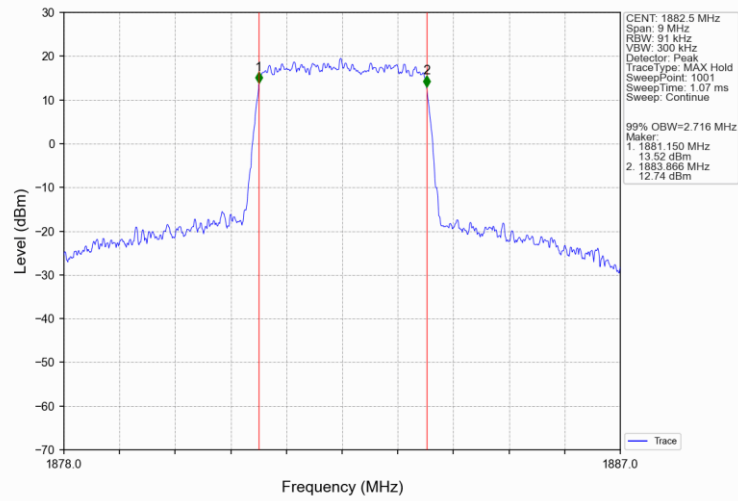
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



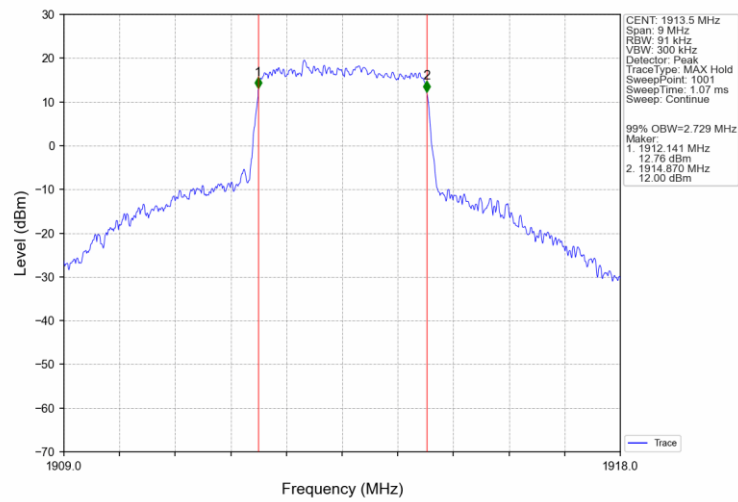
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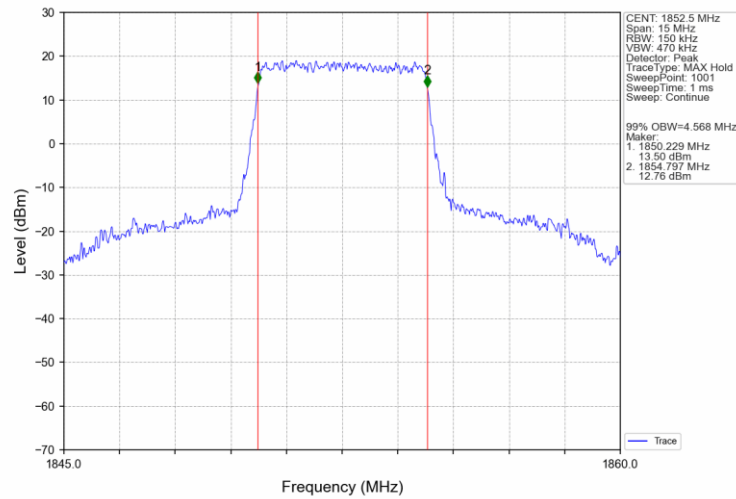
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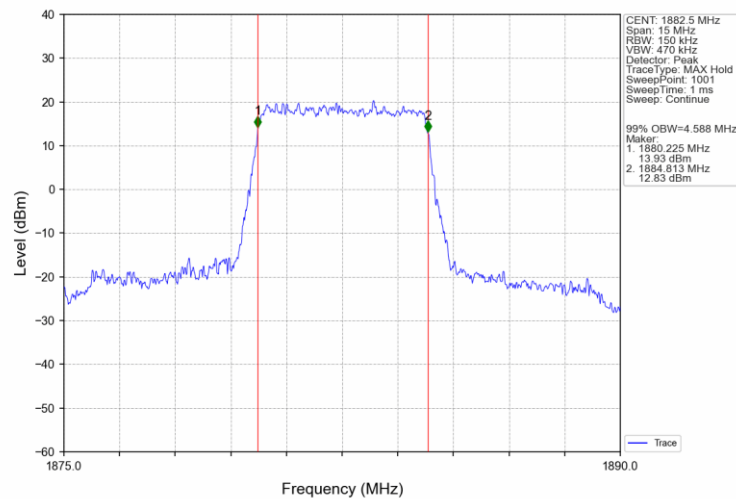
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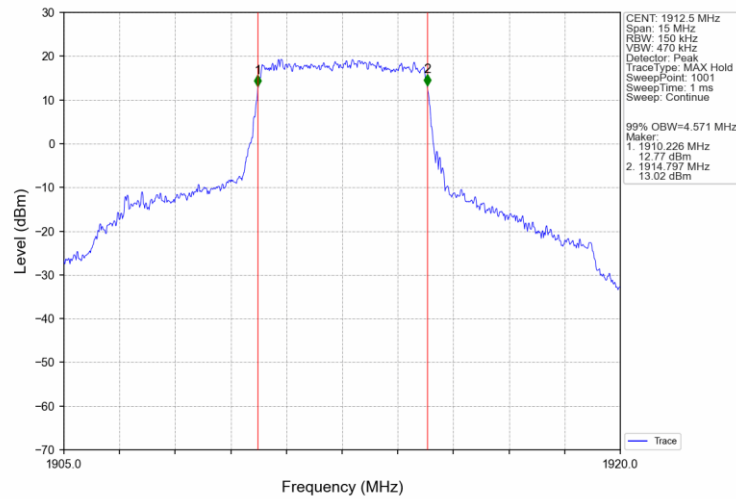
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



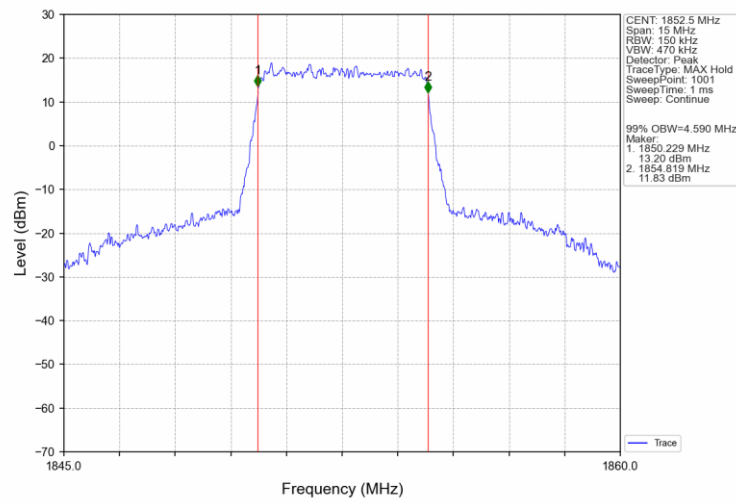
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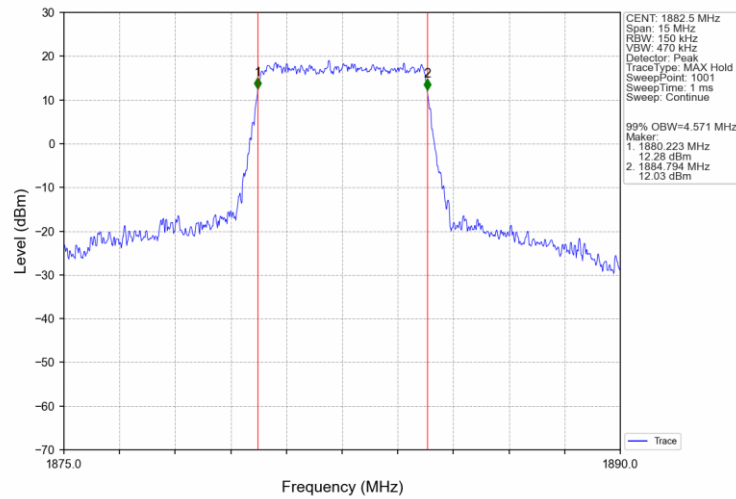
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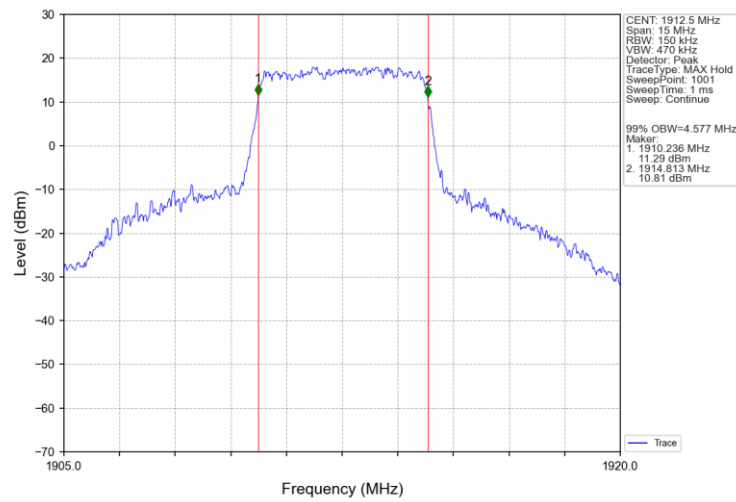
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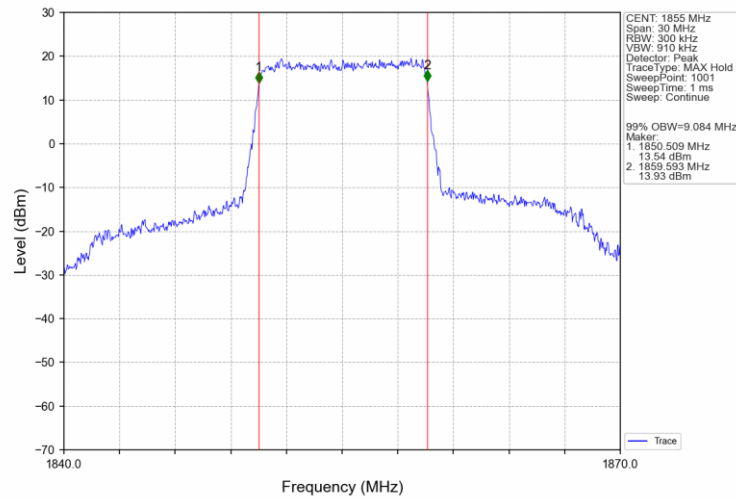
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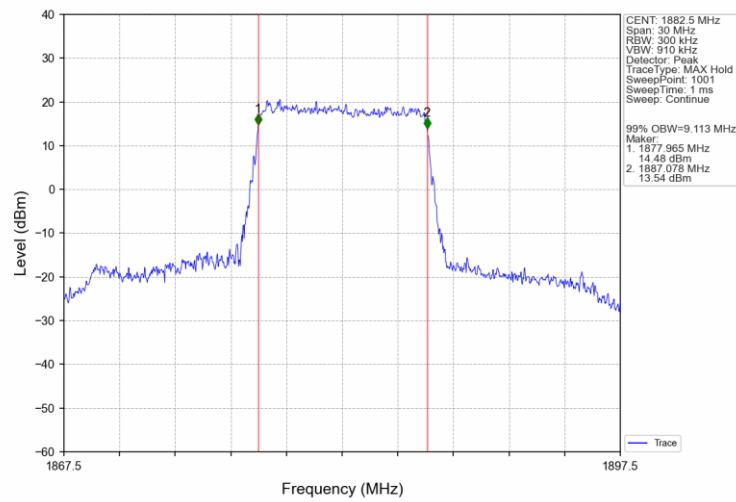
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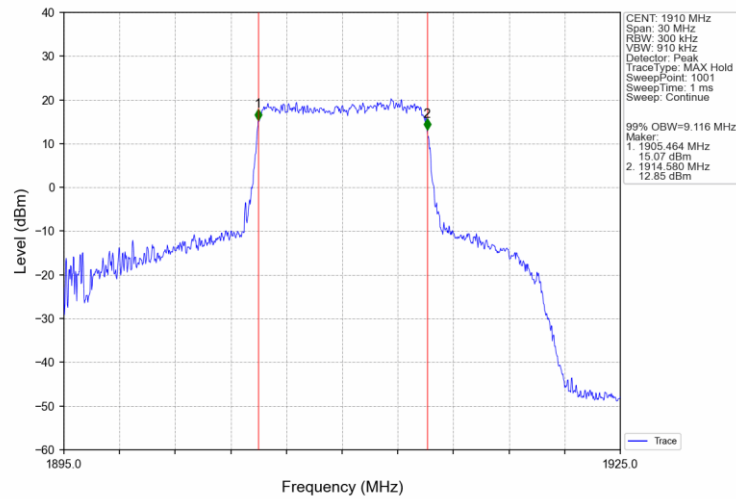
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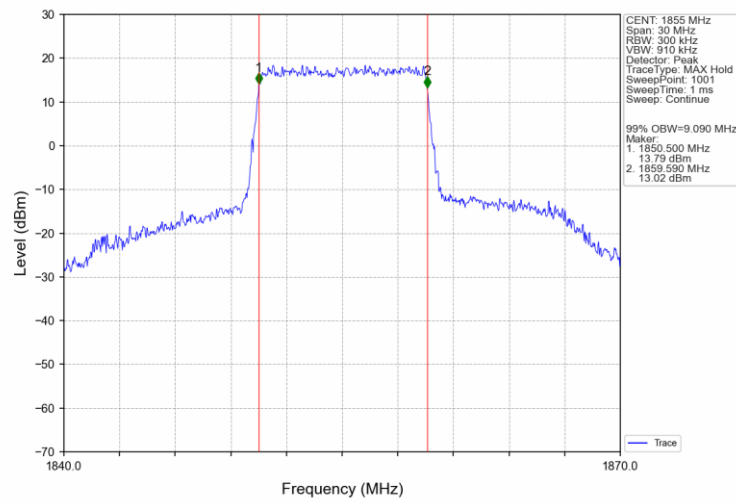
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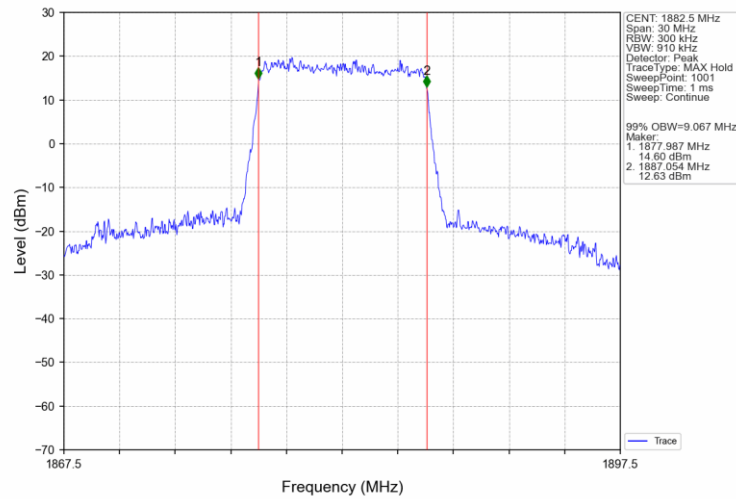
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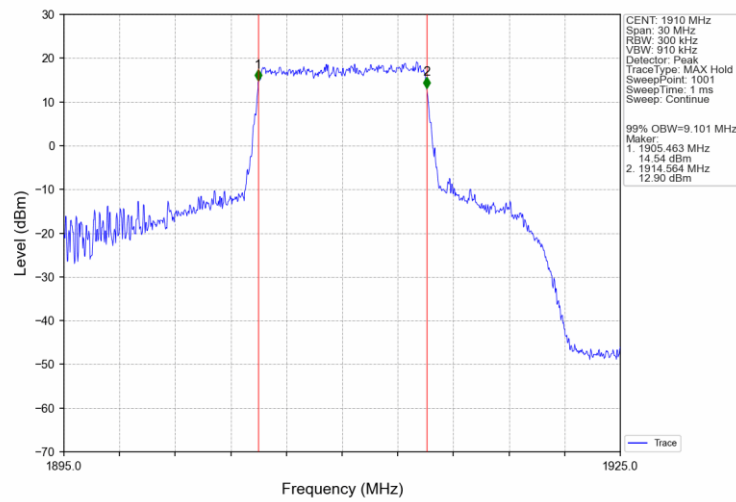
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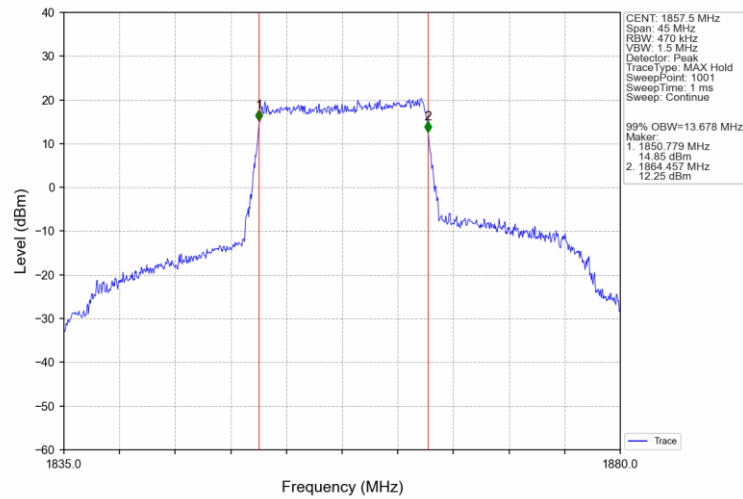
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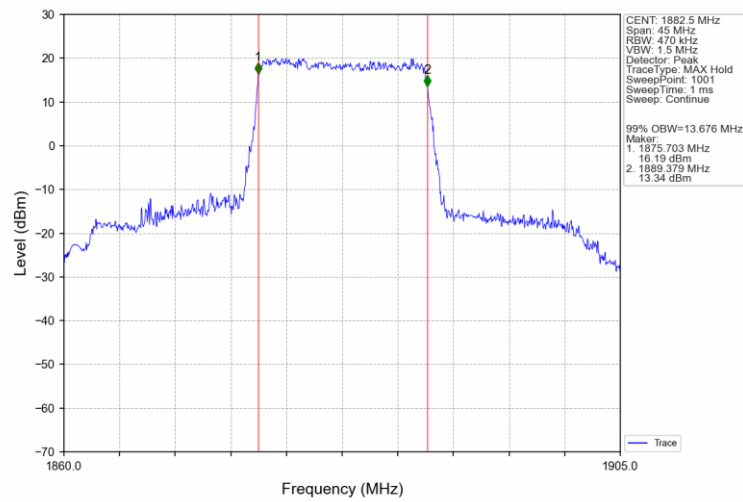
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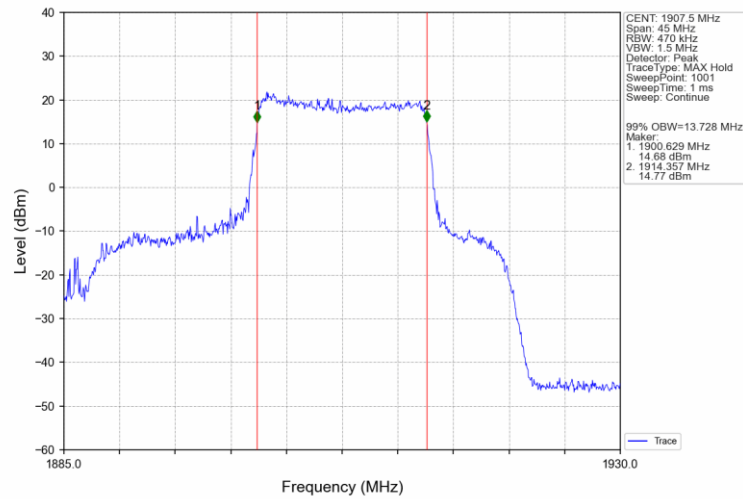
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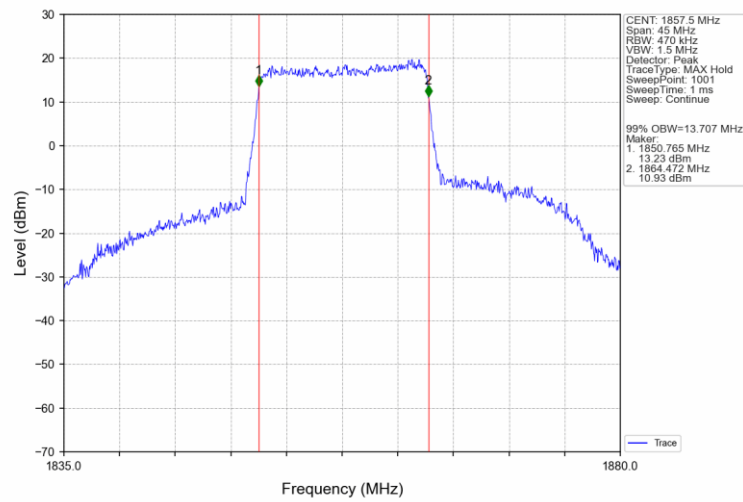
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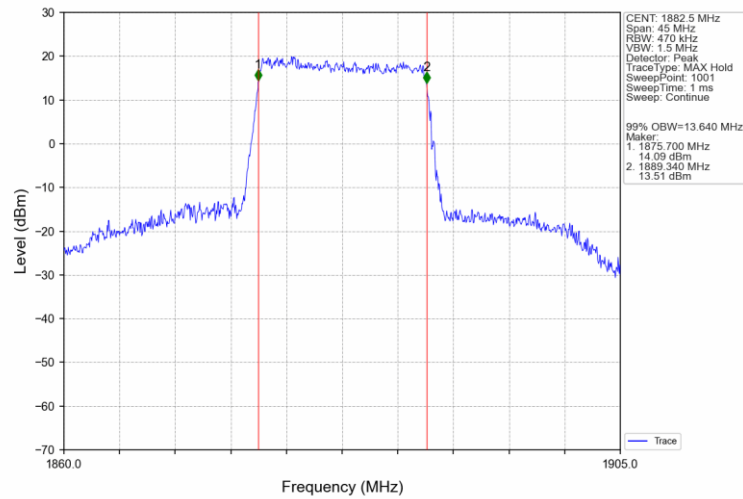
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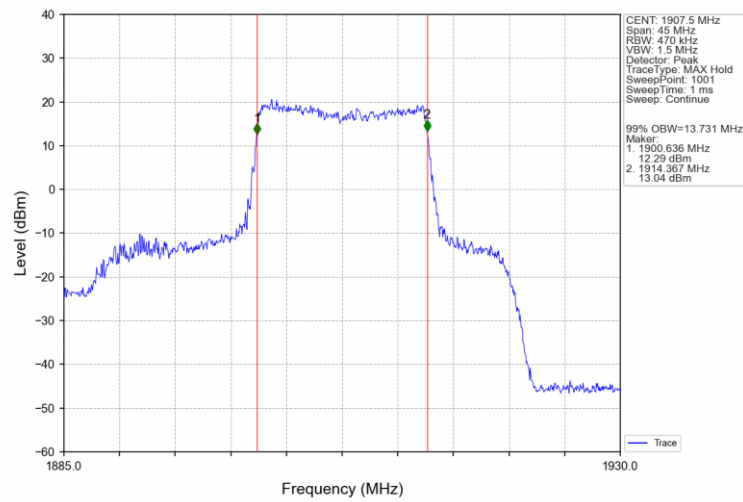
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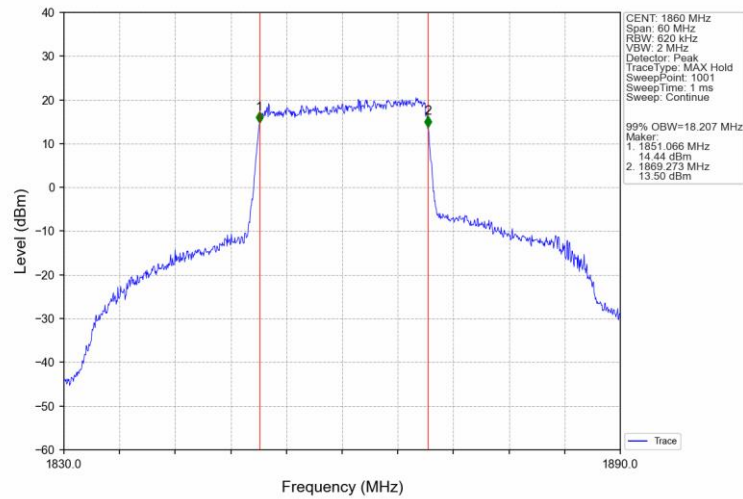
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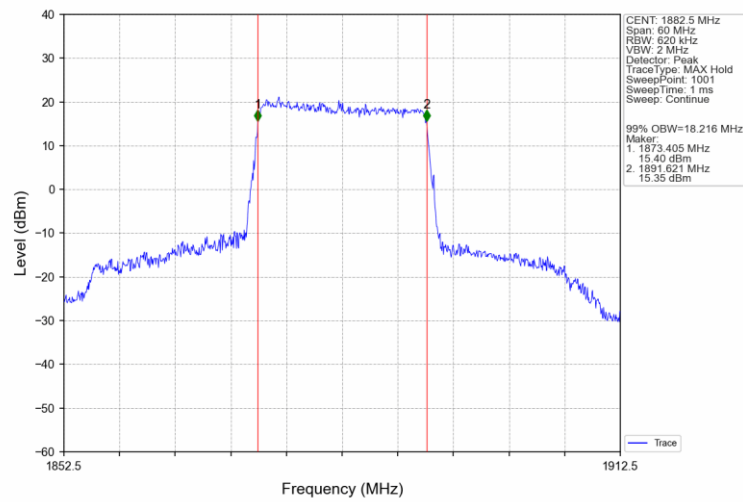
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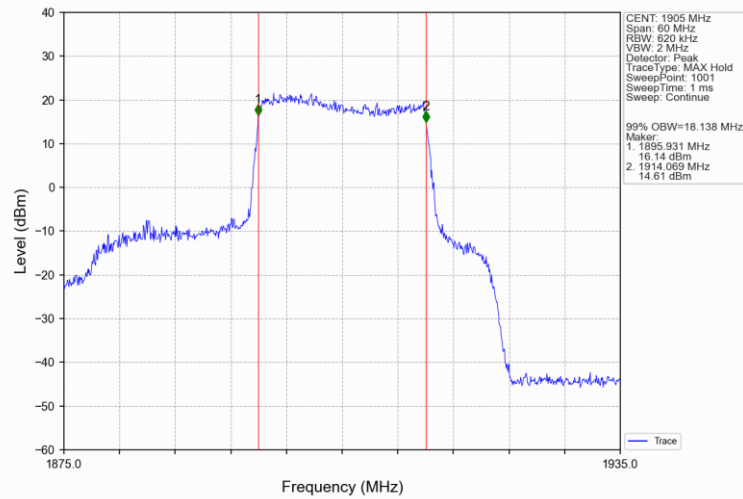
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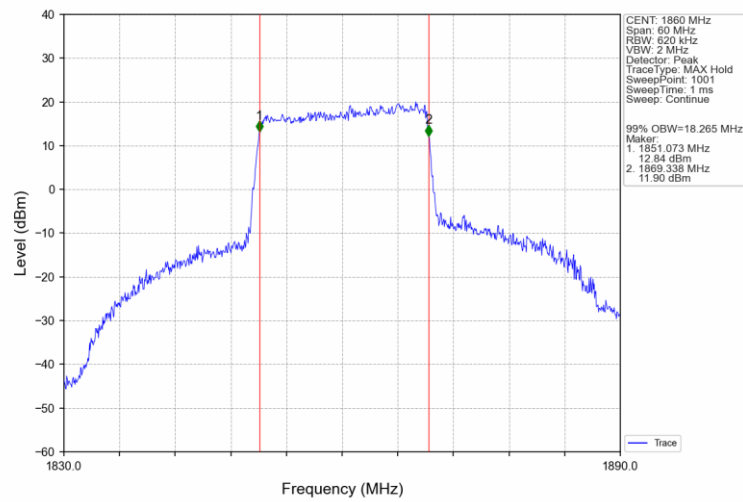
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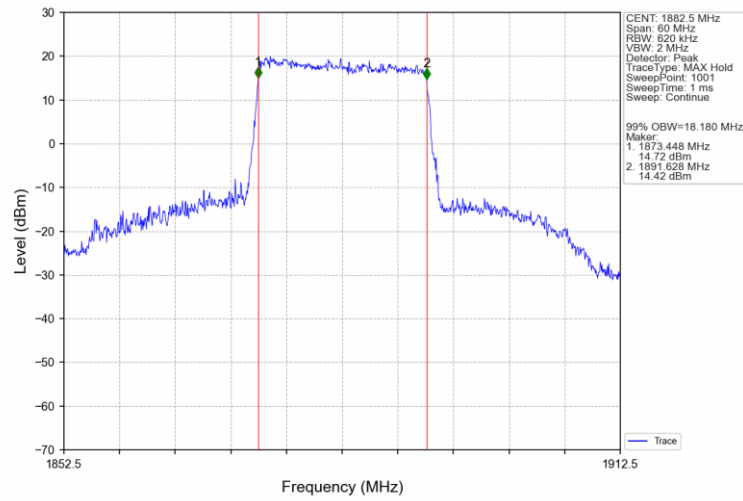
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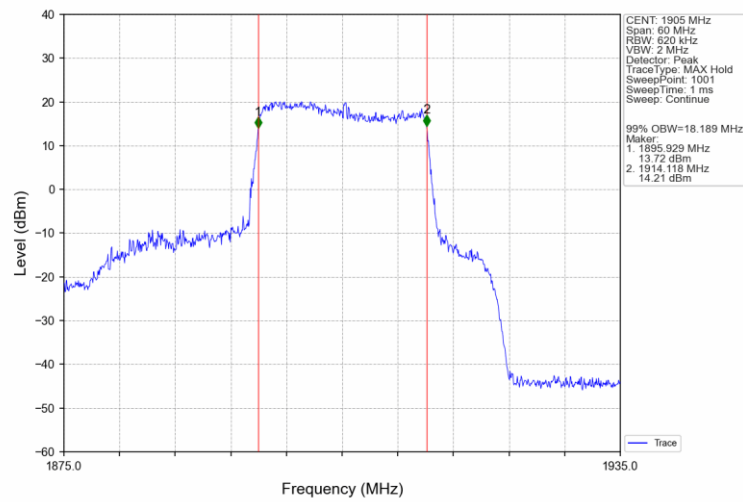
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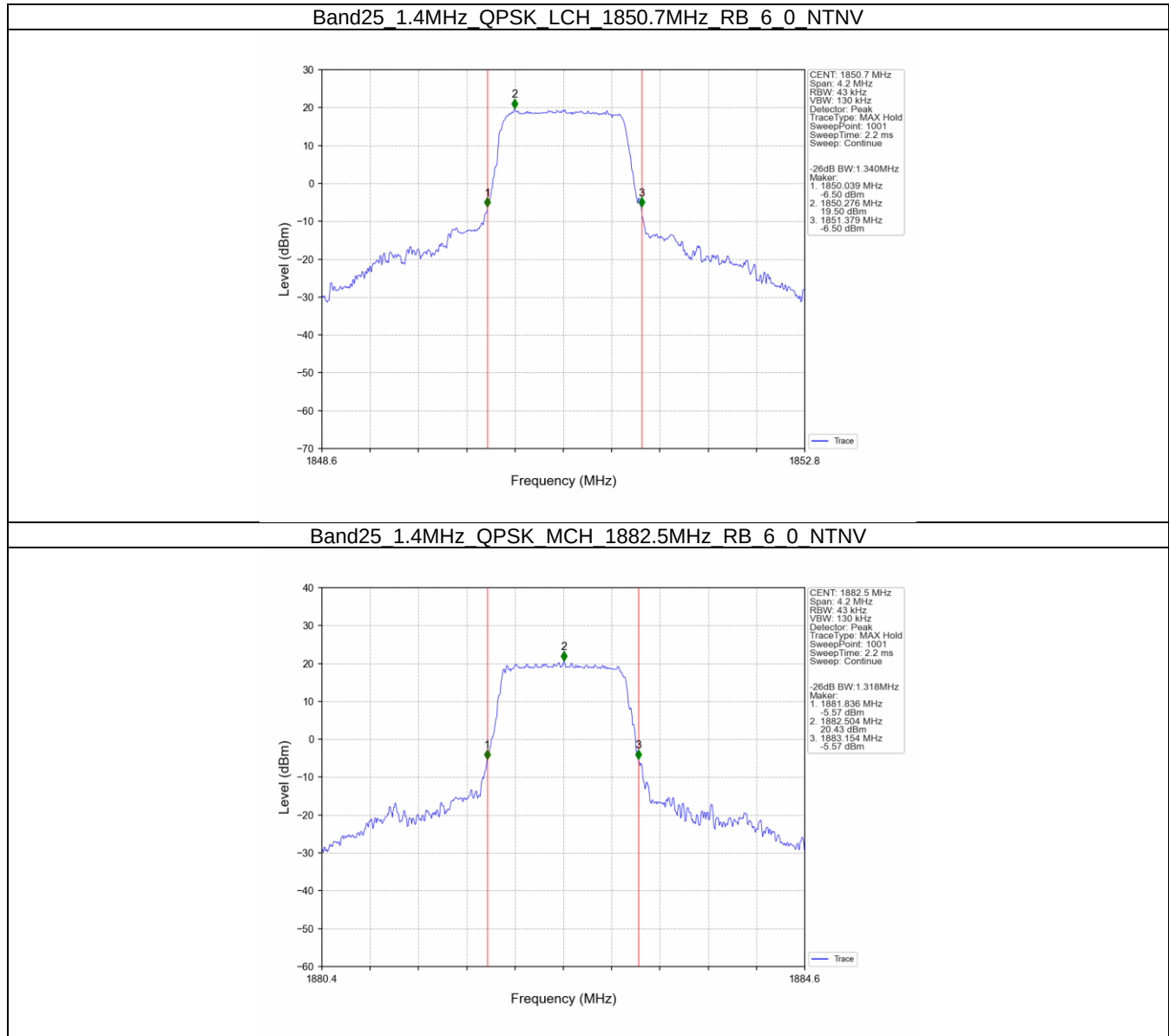
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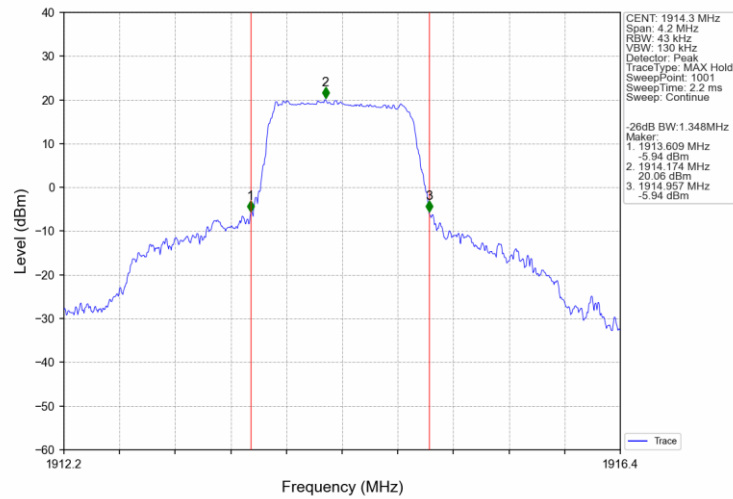
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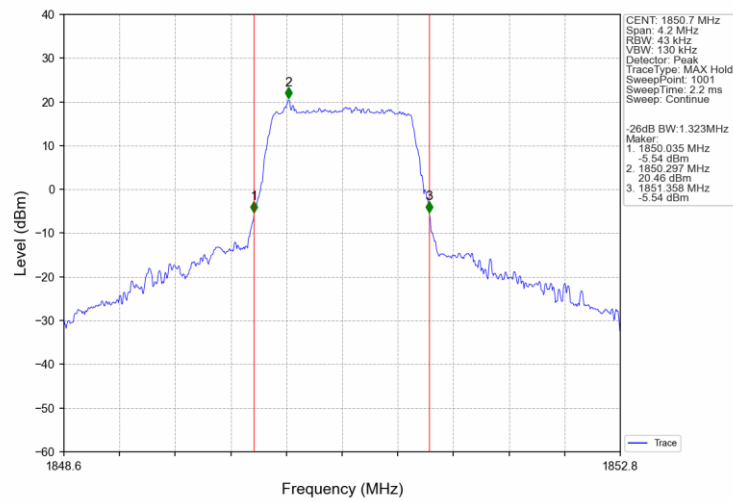
4.2.2 Band25_XDB



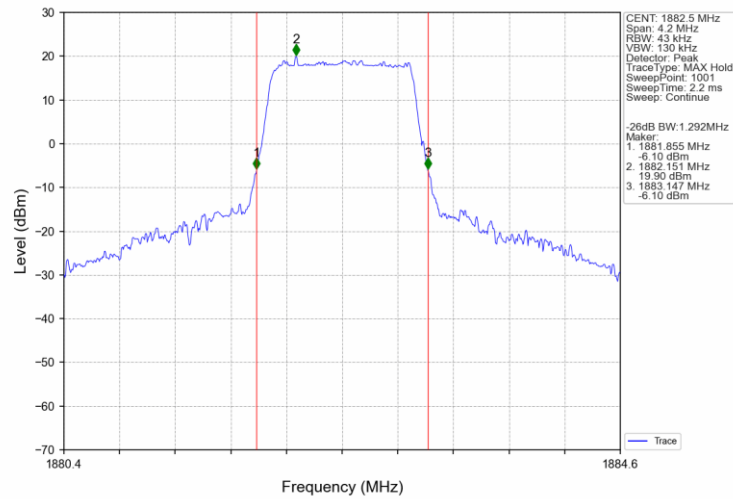
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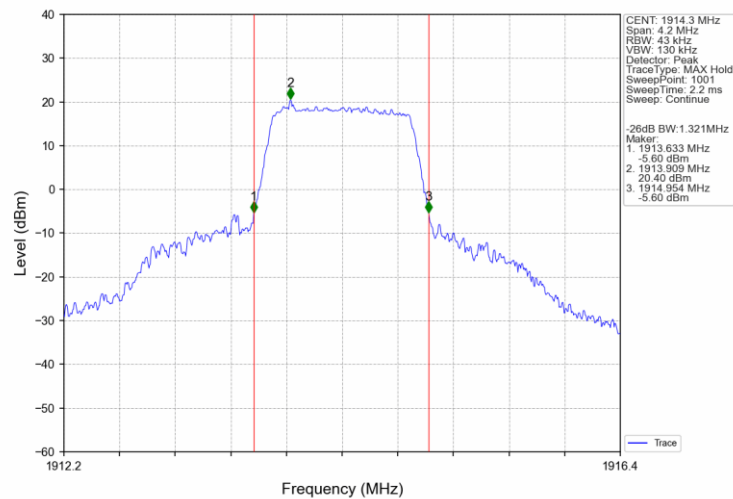
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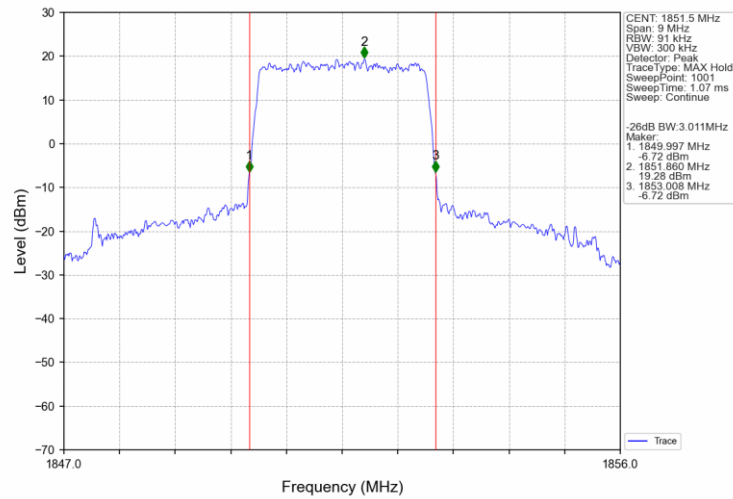
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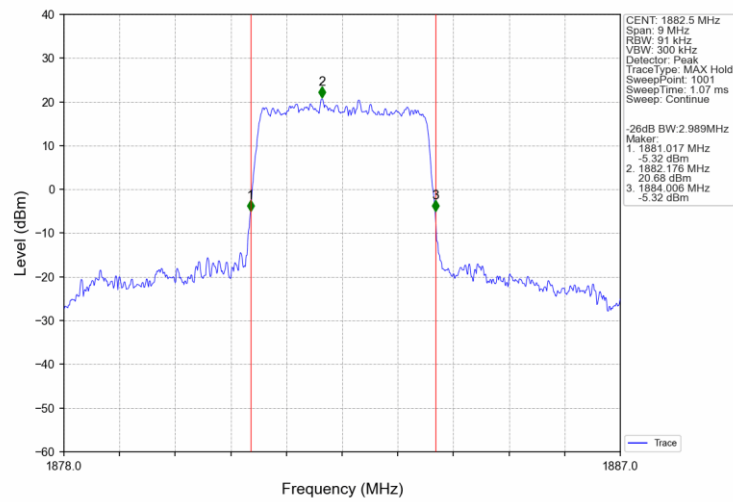
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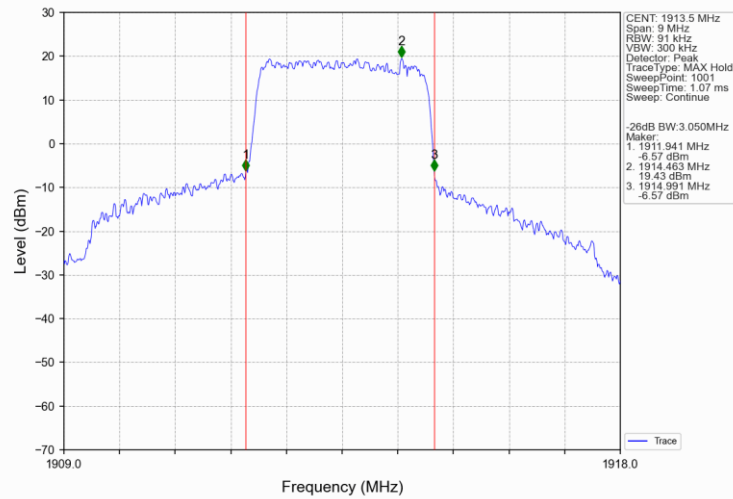
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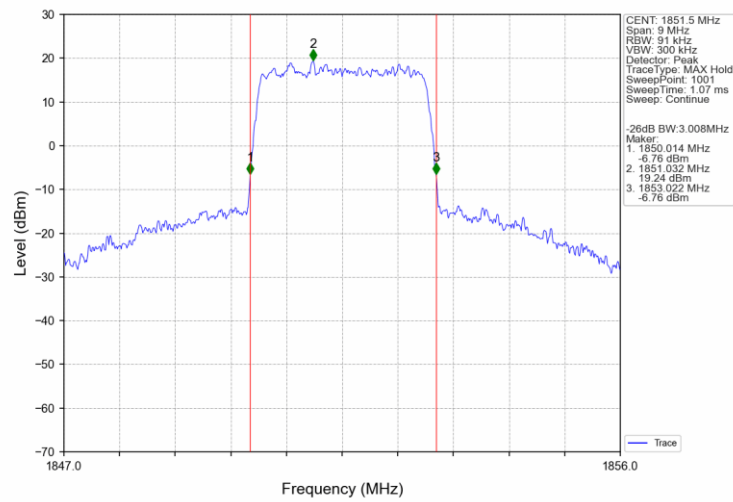
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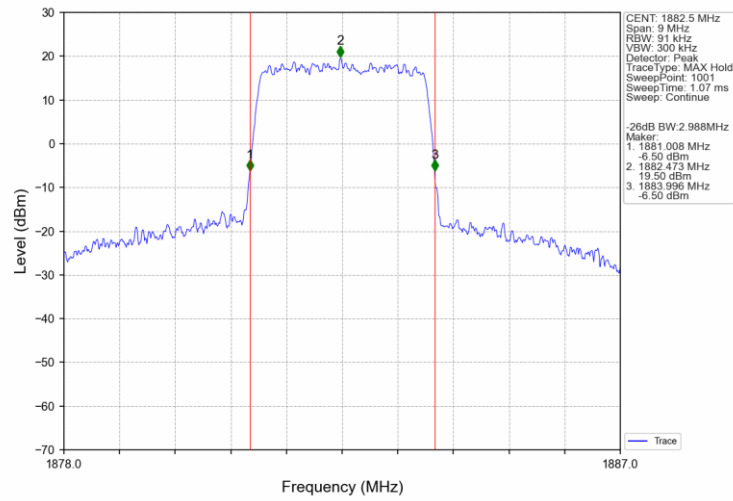
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



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

