

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	23.67	3.60	27.27	<=33.01	Pass
			2	23.79	3.60	27.39	<=33.01	Pass
			5	23.68	3.60	27.28	<=33.01	Pass
		3	0	23.69	3.60	27.29	<=33.01	Pass
			2	23.72	3.60	27.32	<=33.01	Pass
			3	23.71	3.60	27.31	<=33.01	Pass
		6	0	22.70	3.60	26.30	<=33.01	Pass
	1882.5	1	0	23.70	3.60	27.30	<=33.01	Pass
			2	23.79	3.60	27.39	<=33.01	Pass
			5	23.74	3.60	27.34	<=33.01	Pass
		3	0	23.81	3.60	27.41	<=33.01	Pass
			2	23.82	3.60	27.42	<=33.01	Pass
			3	23.77	3.60	27.37	<=33.01	Pass
		6	0	22.80	3.60	26.40	<=33.01	Pass
	1914.3	1	0	23.95	3.60	27.55	<=33.01	Pass
			2	24.05	3.60	27.65	<=33.01	Pass
			5	23.95	3.60	27.55	<=33.01	Pass
		3	0	23.91	3.60	27.51	<=33.01	Pass
			2	23.91	3.60	27.51	<=33.01	Pass
			3	23.90	3.60	27.50	<=33.01	Pass
		6	0	23.02	3.60	26.62	<=33.01	Pass
16QAM	1850.7	1	0	22.65	3.60	26.25	<=33.01	Pass
			2	22.73	3.60	26.33	<=33.01	Pass
			5	22.72	3.60	26.32	<=33.01	Pass
		3	0	22.74	3.60	26.34	<=33.01	Pass
			2	22.74	3.60	26.34	<=33.01	Pass
			3	22.75	3.60	26.35	<=33.01	Pass
		6	0	21.63	3.60	25.23	<=33.01	Pass
	1882.5	1	0	22.84	3.60	26.44	<=33.01	Pass
			2	22.96	3.60	26.56	<=33.01	Pass
			5	22.84	3.60	26.44	<=33.01	Pass
		3	0	22.73	3.60	26.33	<=33.01	Pass
			2	22.76	3.60	26.36	<=33.01	Pass
			3	22.77	3.60	26.37	<=33.01	Pass
		6	0	21.83	3.60	25.43	<=33.01	Pass
	1914.3	1	0	22.79	3.60	26.39	<=33.01	Pass
			2	22.87	3.60	26.47	<=33.01	Pass
			5	22.80	3.60	26.40	<=33.01	Pass
		3	0	22.99	3.60	26.59	<=33.01	Pass
			2	23.03	3.60	26.63	<=33.01	Pass
			3	23.01	3.60	26.61	<=33.01	Pass
		6	0	21.92	3.60	25.52	<=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	23.79	3.60	27.39	<=33.01	Pass
			7	23.88	3.60	27.48	<=33.01	Pass
			14	23.79	3.60	27.39	<=33.01	Pass
		8	0	22.70	3.60	26.30	<=33.01	Pass
			4	22.76	3.60	26.36	<=33.01	Pass
			7	22.71	3.60	26.31	<=33.01	Pass
		15	0	22.66	3.60	26.26	<=33.01	Pass
	1882.5	1	0	23.81	3.60	27.41	<=33.01	Pass
			7	23.95	3.60	27.55	<=33.01	Pass
			14	23.81	3.60	27.41	<=33.01	Pass
		8	0	22.84	3.60	26.44	<=33.01	Pass
			4	22.88	3.60	26.48	<=33.01	Pass
			7	22.82	3.60	26.42	<=33.01	Pass
		15	0	22.81	3.60	26.41	<=33.01	Pass
	1913.5	1	0	24.03	3.60	27.63	<=33.01	Pass
			7	24.18	3.60	27.78	<=33.01	Pass
			14	24.09	3.60	27.69	<=33.01	Pass
		8	0	23.06	3.60	26.66	<=33.01	Pass
			4	23.08	3.60	26.68	<=33.01	Pass
			7	23.03	3.60	26.63	<=33.01	Pass
		15	0	23.00	3.60	26.60	<=33.01	Pass
16QAM	1851.5	1	0	22.73	3.60	26.33	<=33.01	Pass
			7	22.84	3.60	26.44	<=33.01	Pass
			14	22.72	3.60	26.32	<=33.01	Pass
		8	0	21.73	3.60	25.33	<=33.01	Pass
			4	21.76	3.60	25.36	<=33.01	Pass
			7	21.75	3.60	25.35	<=33.01	Pass
		15	0	21.70	3.60	25.30	<=33.01	Pass
	1882.5	1	0	22.98	3.60	26.58	<=33.01	Pass
			7	23.10	3.60	26.70	<=33.01	Pass
			14	22.97	3.60	26.57	<=33.01	Pass
		8	0	21.80	3.60	25.40	<=33.01	Pass
			4	21.84	3.60	25.44	<=33.01	Pass
			7	21.79	3.60	25.39	<=33.01	Pass
		15	0	21.77	3.60	25.37	<=33.01	Pass
	1913.5	1	0	23.41	3.60	27.01	<=33.01	Pass
			7	23.50	3.60	27.10	<=33.01	Pass
			14	23.36	3.60	26.96	<=33.01	Pass
		8	0	22.13	3.60	25.73	<=33.01	Pass
			4	22.21	3.60	25.81	<=33.01	Pass
			7	22.13	3.60	25.73	<=33.01	Pass
		15	0	22.01	3.60	25.61	<=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	23.64	3.60	27.24	<=33.01	Pass
			13	23.77	3.60	27.37	<=33.01	Pass
			24	23.70	3.60	27.30	<=33.01	Pass
		12	0	22.68	3.60	26.28	<=33.01	Pass
			6	22.71	3.60	26.31	<=33.01	Pass
			13	22.67	3.60	26.27	<=33.01	Pass
		25	0	22.64	3.60	26.24	<=33.01	Pass
	1882.5	1	0	23.75	3.60	27.35	<=33.01	Pass
			13	23.82	3.60	27.42	<=33.01	Pass
			24	23.79	3.60	27.39	<=33.01	Pass
		12	0	22.79	3.60	26.39	<=33.01	Pass
			6	22.83	3.60	26.43	<=33.01	Pass
			13	22.80	3.60	26.40	<=33.01	Pass
		25	0	22.81	3.60	26.41	<=33.01	Pass
	1912.5	1	0	23.90	3.60	27.50	<=33.01	Pass
			13	24.05	3.60	27.65	<=33.01	Pass
			24	23.98	3.60	27.58	<=33.01	Pass
		12	0	23.02	3.60	26.62	<=33.01	Pass
			6	23.03	3.60	26.63	<=33.01	Pass
			13	22.89	3.60	26.49	<=33.01	Pass
		25	0	22.94	3.60	26.54	<=33.01	Pass
16QAM	1852.5	1	0	22.70	3.60	26.30	<=33.01	Pass
			13	22.81	3.60	26.41	<=33.01	Pass
			24	22.73	3.60	26.33	<=33.01	Pass
		12	0	21.62	3.60	25.22	<=33.01	Pass
			6	21.68	3.60	25.28	<=33.01	Pass
			13	21.66	3.60	25.26	<=33.01	Pass
		25	0	21.69	3.60	25.29	<=33.01	Pass
	1882.5	1	0	22.96	3.60	26.56	<=33.01	Pass
			13	23.05	3.60	26.65	<=33.01	Pass
			24	22.98	3.60	26.58	<=33.01	Pass
		12	0	21.80	3.60	25.40	<=33.01	Pass
			6	21.88	3.60	25.48	<=33.01	Pass
			13	21.81	3.60	25.41	<=33.01	Pass
		25	0	21.79	3.60	25.39	<=33.01	Pass
	1912.5	1	0	22.71	3.60	26.31	<=33.01	Pass
			13	22.81	3.60	26.41	<=33.01	Pass
			24	22.74	3.60	26.34	<=33.01	Pass
		12	0	21.99	3.60	25.59	<=33.01	Pass
			6	21.98	3.60	25.58	<=33.01	Pass
			13	21.84	3.60	25.44	<=33.01	Pass
		25	0	21.96	3.60	25.56	<=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	23.69	3.60	27.29	<=33.01	Pass
			25	23.95	3.60	27.55	<=33.01	Pass
			49	23.83	3.60	27.43	<=33.01	Pass
		25	0	22.69	3.60	26.29	<=33.01	Pass
			13	22.73	3.60	26.33	<=33.01	Pass
			25	22.71	3.60	26.31	<=33.01	Pass
		50	0	22.72	3.60	26.32	<=33.01	Pass
			0	23.77	3.60	27.37	<=33.01	Pass
			25	23.96	3.60	27.56	<=33.01	Pass
	1882.5	1	49	23.85	3.60	27.45	<=33.01	Pass
			0	22.82	3.60	26.42	<=33.01	Pass
			13	22.84	3.60	26.44	<=33.01	Pass
		25	25	22.85	3.60	26.45	<=33.01	Pass
			0	22.83	3.60	26.43	<=33.01	Pass
			0	23.92	3.60	27.52	<=33.01	Pass
		1	25	24.12	3.60	27.72	<=33.01	Pass
			49	24.09	3.60	27.69	<=33.01	Pass
			0	22.97	3.60	26.57	<=33.01	Pass
	1910	25	13	22.94	3.60	26.54	<=33.01	Pass
			25	22.82	3.60	26.42	<=33.01	Pass
			0	22.87	3.60	26.47	<=33.01	Pass
16QAM	1855	1	0	22.67	3.60	26.27	<=33.01	Pass
			25	22.90	3.60	26.50	<=33.01	Pass
			49	22.69	3.60	26.29	<=33.01	Pass
		25	0	21.78	3.60	25.38	<=33.01	Pass
			13	21.79	3.60	25.39	<=33.01	Pass
			25	21.79	3.60	25.39	<=33.01	Pass
		50	0	21.75	3.60	25.35	<=33.01	Pass
			0	22.92	3.60	26.52	<=33.01	Pass
			25	23.12	3.60	26.72	<=33.01	Pass
	1882.5	1	49	22.97	3.60	26.57	<=33.01	Pass
			0	21.84	3.60	25.44	<=33.01	Pass
			13	21.87	3.60	25.47	<=33.01	Pass
		25	25	21.88	3.60	25.48	<=33.01	Pass
			0	21.87	3.60	25.47	<=33.01	Pass
			0	23.41	3.60	27.01	<=33.01	Pass
		1	25	23.53	3.60	27.13	<=33.01	Pass
			49	23.35	3.60	26.95	<=33.01	Pass
			0	22.01	3.60	25.61	<=33.01	Pass
	1910	25	13	22.06	3.60	25.66	<=33.01	Pass
			25	21.89	3.60	25.49	<=33.01	Pass
			0	21.92	3.60	25.52	<=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	23.64	3.60	27.24	<=33.01	Pass
			38	23.82	3.60	27.42	<=33.01	Pass
			74	23.72	3.60	27.32	<=33.01	Pass
		36	0	22.82	3.60	26.42	<=33.01	Pass
			18	22.90	3.60	26.50	<=33.01	Pass
			39	22.87	3.60	26.47	<=33.01	Pass
		75	0	22.84	3.60	26.44	<=33.01	Pass
	1882.5	1	0	23.70	3.60	27.30	<=33.01	Pass
			38	23.83	3.60	27.43	<=33.01	Pass
			74	23.73	3.60	27.33	<=33.01	Pass
		36	0	22.90	3.60	26.50	<=33.01	Pass
			18	22.96	3.60	26.56	<=33.01	Pass
			39	22.95	3.60	26.55	<=33.01	Pass
		75	0	22.90	3.60	26.50	<=33.01	Pass
	1907.5	1	0	23.85	3.60	27.45	<=33.01	Pass
			38	23.97	3.60	27.57	<=33.01	Pass
			74	24.00	3.60	27.60	<=33.01	Pass
		36	0	23.02	3.60	26.62	<=33.01	Pass
			18	23.06	3.60	26.66	<=33.01	Pass
			39	23.04	3.60	26.64	<=33.01	Pass
		75	0	22.99	3.60	26.59	<=33.01	Pass
16QAM	1857.5	1	0	22.90	3.60	26.50	<=33.01	Pass
			38	22.98	3.60	26.58	<=33.01	Pass
			74	22.85	3.60	26.45	<=33.01	Pass
		36	0	21.72	3.60	25.32	<=33.01	Pass
			18	21.74	3.60	25.34	<=33.01	Pass
			39	21.71	3.60	25.31	<=33.01	Pass
		75	0	21.75	3.60	25.35	<=33.01	Pass
	1882.5	1	0	22.87	3.60	26.47	<=33.01	Pass
			38	23.00	3.60	26.60	<=33.01	Pass
			74	22.89	3.60	26.49	<=33.01	Pass
		36	0	21.88	3.60	25.48	<=33.01	Pass
			18	21.86	3.60	25.46	<=33.01	Pass
			39	21.86	3.60	25.46	<=33.01	Pass
		75	0	21.92	3.60	25.52	<=33.01	Pass
	1907.5	1	0	23.30	3.60	26.90	<=33.01	Pass
			38	23.47	3.60	27.07	<=33.01	Pass
			74	23.30	3.60	26.90	<=33.01	Pass
		36	0	22.02	3.60	25.62	<=33.01	Pass
			18	22.04	3.60	25.64	<=33.01	Pass
			39	21.97	3.60	25.57	<=33.01	Pass
		75	0	21.99	3.60	25.59	<=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	23.41	3.60	27.01	<=33.01	Pass
			50	23.91	3.60	27.51	<=33.01	Pass
			99	23.49	3.60	27.09	<=33.01	Pass
		50	0	22.73	3.60	26.33	<=33.01	Pass
			25	22.70	3.60	26.30	<=33.01	Pass
			50	22.62	3.60	26.22	<=33.01	Pass
		100	0	22.66	3.60	26.26	<=33.01	Pass
	1882.5	1	0	23.50	3.60	27.10	<=33.01	Pass
			50	24.00	3.60	27.60	<=33.01	Pass
			99	23.64	3.60	27.24	<=33.01	Pass
		50	0	22.74	3.60	26.34	<=33.01	Pass
			25	22.86	3.60	26.46	<=33.01	Pass
			50	22.75	3.60	26.35	<=33.01	Pass
		100	0	22.75	3.60	26.35	<=33.01	Pass
	1905	1	0	23.66	3.60	27.26	<=33.01	Pass
			50	24.11	3.60	27.71	<=33.01	Pass
			99	23.84	3.60	27.44	<=33.01	Pass
		50	0	22.91	3.60	26.51	<=33.01	Pass
			25	22.95	3.60	26.55	<=33.01	Pass
			50	22.79	3.60	26.39	<=33.01	Pass
		100	0	22.86	3.60	26.46	<=33.01	Pass
16QAM	1860	1	0	22.91	3.60	26.51	<=33.01	Pass
			50	23.26	3.60	26.86	<=33.01	Pass
			99	22.91	3.60	26.51	<=33.01	Pass
		50	0	21.67	3.60	25.27	<=33.01	Pass
			25	21.68	3.60	25.28	<=33.01	Pass
			50	21.59	3.60	25.19	<=33.01	Pass
		100	0	21.67	3.60	25.27	<=33.01	Pass
	1882.5	1	0	22.69	3.60	26.29	<=33.01	Pass
			50	23.12	3.60	26.72	<=33.01	Pass
			99	22.77	3.60	26.37	<=33.01	Pass
		50	0	21.74	3.60	25.34	<=33.01	Pass
			25	21.84	3.60	25.44	<=33.01	Pass
			50	21.72	3.60	25.32	<=33.01	Pass
		100	0	21.75	3.60	25.35	<=33.01	Pass
	1905	1	0	22.87	3.60	26.47	<=33.01	Pass
			50	23.32	3.60	26.92	<=33.01	Pass
			99	22.94	3.60	26.54	<=33.01	Pass
		50	0	21.89	3.60	25.49	<=33.01	Pass
			25	21.97	3.60	25.57	<=33.01	Pass
			50	21.79	3.60	25.39	<=33.01	Pass
		100	0	21.90	3.60	25.50	<=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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	102	-9.456	-0.0051	-2.5 to 2.5	Pass
					120	-3.076	-0.0017	-2.5 to 2.5	Pass
					138	-13.461	-0.0073	-2.5 to 2.5	Pass
				-30	120	-7.396	-0.0040	-2.5 to 2.5	Pass
				-20	120	-4.964	-0.0027	-2.5 to 2.5	Pass
				-10	120	-13.204	-0.0071	-2.5 to 2.5	Pass
				0	120	-7.925	-0.0043	-2.5 to 2.5	Pass
				10	120	-6.952	-0.0038	-2.5 to 2.5	Pass
				30	120	-2.203	-0.0012	-2.5 to 2.5	Pass
				40	120	-3.390	-0.0018	-2.5 to 2.5	Pass
				50	120	-6.695	-0.0036	-2.5 to 2.5	Pass
	1882.5	6	0	20	102	-9.613	-0.0051	-2.5 to 2.5	Pass
					120	-1.345	-0.0007	-2.5 to 2.5	Pass
					138	-11.973	-0.0064	-2.5 to 2.5	Pass
				-30	120	-5.264	-0.0028	-2.5 to 2.5	Pass
				-20	120	-13.161	-0.0070	-2.5 to 2.5	Pass
				-10	120	-0.987	-0.0005	-2.5 to 2.5	Pass
				0	120	-3.247	-0.0017	-2.5 to 2.5	Pass
				10	120	-2.275	-0.0012	-2.5 to 2.5	Pass
				30	120	-8.368	-0.0044	-2.5 to 2.5	Pass
				40	120	-1.173	-0.0006	-2.5 to 2.5	Pass
				50	120	-5.407	-0.0029	-2.5 to 2.5	Pass
	1914.3	6	0	20	102	-10.414	-0.0054	-2.5 to 2.5	Pass
					120	-3.033	-0.0016	-2.5 to 2.5	Pass
					138	-6.409	-0.0033	-2.5 to 2.5	Pass
				-30	120	-6.523	-0.0034	-2.5 to 2.5	Pass
				-20	120	-8.512	-0.0044	-2.5 to 2.5	Pass
				-10	120	-7.110	-0.0037	-2.5 to 2.5	Pass
				0	120	-5.651	-0.0030	-2.5 to 2.5	Pass
				10	120	-7.167	-0.0037	-2.5 to 2.5	Pass
				30	120	-5.536	-0.0029	-2.5 to 2.5	Pass
				40	120	-6.194	-0.0032	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	102	-6.652	-0.0036	-2.5 to 2.5	Pass
					120	-4.234	-0.0023	-2.5 to 2.5	Pass
					138	-6.180	-0.0033	-2.5 to 2.5	Pass
				-30	120	-7.968	-0.0043	-2.5 to 2.5	Pass
				-20	120	-7.138	-0.0039	-2.5 to 2.5	Pass
				-10	120	-6.738	-0.0036	-2.5 to 2.5	Pass
				0	120	-13.561	-0.0073	-2.5 to 2.5	Pass
				10	120	-5.536	-0.0030	-2.5 to 2.5	Pass
				30	120	-12.174	-0.0066	-2.5 to 2.5	Pass
				40	120	-11.187	-0.0060	-2.5 to 2.5	Pass
				50	120	-6.981	-0.0038	-2.5 to 2.5	Pass
	1882.5	6	0	20	102	-3.004	-0.0016	-2.5 to 2.5	Pass
					120	-4.921	-0.0026	-2.5 to 2.5	Pass
					138	-8.769	-0.0047	-2.5 to 2.5	Pass
				-30	120	-4.334	-0.0023	-2.5 to 2.5	Pass
				-20	120	-6.022	-0.0032	-2.5 to 2.5	Pass
				-10	120	-8.082	-0.0043	-2.5 to 2.5	Pass

				0	120	-8.755	-0.0047	-2.5 to 2.5	Pass
				10	120	-5.636	-0.0030	-2.5 to 2.5	Pass
				30	120	0.143	0.0001	-2.5 to 2.5	Pass
				40	120	-1.445	-0.0008	-2.5 to 2.5	Pass
				50	120	-7.696	-0.0041	-2.5 to 2.5	Pass
	1914.3	6	0	20	102	-5.035	-0.0026	-2.5 to 2.5	Pass
					120	-7.424	-0.0039	-2.5 to 2.5	Pass
					138	-5.908	-0.0031	-2.5 to 2.5	Pass
				-30	120	-5.679	-0.0030	-2.5 to 2.5	Pass
				-20	120	-2.475	-0.0013	-2.5 to 2.5	Pass
				-10	120	-1.888	-0.0010	-2.5 to 2.5	Pass
				0	120	-4.206	-0.0022	-2.5 to 2.5	Pass
				10	120	-6.695	-0.0035	-2.5 to 2.5	Pass
				30	120	-2.918	-0.0015	-2.5 to 2.5	Pass
				40	120	-2.060	-0.0011	-2.5 to 2.5	Pass
				50	120	-0.744	-0.0004	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	102	-7.567	-0.0041	-2.5 to 2.5	Pass
					120	-8.183	-0.0044	-2.5 to 2.5	Pass
					138	-11.516	-0.0062	-2.5 to 2.5	Pass
				-30	120	-12.074	-0.0065	-2.5 to 2.5	Pass
				-20	120	-14.591	-0.0079	-2.5 to 2.5	Pass
				-10	120	-11.272	-0.0061	-2.5 to 2.5	Pass
				0	120	-9.527	-0.0051	-2.5 to 2.5	Pass
				10	120	-3.905	-0.0021	-2.5 to 2.5	Pass
				30	120	-2.117	-0.0011	-2.5 to 2.5	Pass
				40	120	-2.275	-0.0012	-2.5 to 2.5	Pass
				50	120	0.958	0.0005	-2.5 to 2.5	Pass
	1882.5	15	0	20	102	-8.168	-0.0043	-2.5 to 2.5	Pass
					120	-14.205	-0.0075	-2.5 to 2.5	Pass
					138	-10.800	-0.0057	-2.5 to 2.5	Pass
				-30	120	-8.097	-0.0043	-2.5 to 2.5	Pass
				-20	120	-12.202	-0.0065	-2.5 to 2.5	Pass
				-10	120	-8.225	-0.0044	-2.5 to 2.5	Pass
				0	120	-1.831	-0.0010	-2.5 to 2.5	Pass
				10	120	-9.613	-0.0051	-2.5 to 2.5	Pass
				30	120	-9.742	-0.0052	-2.5 to 2.5	Pass
				40	120	-7.696	-0.0041	-2.5 to 2.5	Pass
				50	120	-12.202	-0.0065	-2.5 to 2.5	Pass
	1913.5	15	0	20	102	-3.605	-0.0019	-2.5 to 2.5	Pass
					120	-0.129	-0.0001	-2.5 to 2.5	Pass
					138	-5.007	-0.0026	-2.5 to 2.5	Pass
				-30	120	-0.687	-0.0004	-2.5 to 2.5	Pass
				-20	120	-3.576	-0.0019	-2.5 to 2.5	Pass
				-10	120	-9.427	-0.0049	-2.5 to 2.5	Pass
				0	120	-5.794	-0.0030	-2.5 to 2.5	Pass
				10	120	-5.736	-0.0030	-2.5 to 2.5	Pass
				30	120	-3.104	-0.0016	-2.5 to 2.5	Pass
				40	120	-2.575	-0.0013	-2.5 to 2.5	Pass
				50	120	0.215	0.0001	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	102	-12.403	-0.0067	-2.5 to 2.5	Pass
					120	-0.300	-0.0002	-2.5 to 2.5	Pass
					138	-7.410	-0.0040	-2.5 to 2.5	Pass

				-30	120	-15.235	-0.0082	-2.5 to 2.5	Pass
				-20	120	2.117	0.0011	-2.5 to 2.5	Pass
				-10	120	-4.449	-0.0024	-2.5 to 2.5	Pass
				0	120	-10.357	-0.0056	-2.5 to 2.5	Pass
				10	120	-16.050	-0.0087	-2.5 to 2.5	Pass
				30	120	-7.896	-0.0043	-2.5 to 2.5	Pass
				40	120	-10.242	-0.0055	-2.5 to 2.5	Pass
				50	120	-8.497	-0.0046	-2.5 to 2.5	Pass
	1882.5	15	0	20	102	-7.410	-0.0039	-2.5 to 2.5	Pass
					120	-7.410	-0.0039	-2.5 to 2.5	Pass
					138	-8.826	-0.0047	-2.5 to 2.5	Pass
				-30	120	-5.522	-0.0029	-2.5 to 2.5	Pass
				-20	120	-11.916	-0.0063	-2.5 to 2.5	Pass
				-10	120	-5.150	-0.0027	-2.5 to 2.5	Pass
				0	120	-4.563	-0.0024	-2.5 to 2.5	Pass
				10	120	-4.392	-0.0023	-2.5 to 2.5	Pass
				30	120	-4.735	-0.0025	-2.5 to 2.5	Pass
				40	120	-2.675	-0.0014	-2.5 to 2.5	Pass
				50	120	-5.093	-0.0027	-2.5 to 2.5	Pass
	1913.5	15	0	20	102	-0.658	-0.0003	-2.5 to 2.5	Pass
					120	4.220	0.0022	-2.5 to 2.5	Pass
					138	-0.973	-0.0005	-2.5 to 2.5	Pass
				-30	120	-2.360	-0.0012	-2.5 to 2.5	Pass
				-20	120	-1.531	-0.0008	-2.5 to 2.5	Pass
				-10	120	-0.873	-0.0005	-2.5 to 2.5	Pass
				0	120	-1.545	-0.0008	-2.5 to 2.5	Pass
				10	120	5.336	0.0028	-2.5 to 2.5	Pass
				30	120	2.060	0.0011	-2.5 to 2.5	Pass
				40	120	-4.363	-0.0023	-2.5 to 2.5	Pass
				50	120	-8.583	-0.0045	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	102	-6.380	-0.0034	-2.5 to 2.5	Pass
					120	-12.417	-0.0067	-2.5 to 2.5	Pass
					138	-4.864	-0.0026	-2.5 to 2.5	Pass
				-30	120	-6.924	-0.0037	-2.5 to 2.5	Pass
				-20	120	-10.328	-0.0056	-2.5 to 2.5	Pass
				-10	120	-8.726	-0.0047	-2.5 to 2.5	Pass
				0	120	-7.482	-0.0040	-2.5 to 2.5	Pass
				10	120	-8.283	-0.0045	-2.5 to 2.5	Pass
				30	120	-11.802	-0.0064	-2.5 to 2.5	Pass
				40	120	-3.519	-0.0019	-2.5 to 2.5	Pass
				50	120	-11.830	-0.0064	-2.5 to 2.5	Pass
	1882.5	25	0	20	102	-5.107	-0.0027	-2.5 to 2.5	Pass
					120	-11.158	-0.0059	-2.5 to 2.5	Pass
					138	3.376	0.0018	-2.5 to 2.5	Pass
				-30	120	-15.192	-0.0081	-2.5 to 2.5	Pass
				-20	120	-10.028	-0.0053	-2.5 to 2.5	Pass
				-10	120	-9.770	-0.0052	-2.5 to 2.5	Pass
				0	120	-9.456	-0.0050	-2.5 to 2.5	Pass
				10	120	-1.960	-0.0010	-2.5 to 2.5	Pass
				30	120	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	120	-7.582	-0.0040	-2.5 to 2.5	Pass
				50	120	-1.059	-0.0006	-2.5 to 2.5	Pass

	1912.5	25	0	20	102	-13.905	-0.0073	-2.5 to 2.5	Pass
					120	-6.967	-0.0036	-2.5 to 2.5	Pass
					138	-8.554	-0.0045	-2.5 to 2.5	Pass
				-30	120	-4.063	-0.0021	-2.5 to 2.5	Pass
				-20	120	-7.653	-0.0040	-2.5 to 2.5	Pass
				-10	120	-11.473	-0.0060	-2.5 to 2.5	Pass
				0	120	-4.363	-0.0023	-2.5 to 2.5	Pass
				10	120	-12.188	-0.0064	-2.5 to 2.5	Pass
				30	120	-9.141	-0.0048	-2.5 to 2.5	Pass
				40	120	-13.018	-0.0068	-2.5 to 2.5	Pass
				50	120	-7.410	-0.0039	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	102	-5.121	-0.0028	-2.5 to 2.5	Pass
					120	-2.961	-0.0016	-2.5 to 2.5	Pass
					138	-7.439	-0.0040	-2.5 to 2.5	Pass
				-30	120	-15.378	-0.0083	-2.5 to 2.5	Pass
				-20	120	-7.238	-0.0039	-2.5 to 2.5	Pass
				-10	120	-6.065	-0.0033	-2.5 to 2.5	Pass
				0	120	-15.535	-0.0084	-2.5 to 2.5	Pass
				10	120	-12.832	-0.0069	-2.5 to 2.5	Pass
				30	120	-12.331	-0.0067	-2.5 to 2.5	Pass
				40	120	-3.405	-0.0018	-2.5 to 2.5	Pass
				50	120	-8.626	-0.0047	-2.5 to 2.5	Pass
	1882.5	25	0	20	102	2.017	0.0011	-2.5 to 2.5	Pass
					120	-2.303	-0.0012	-2.5 to 2.5	Pass
					138	-4.306	-0.0023	-2.5 to 2.5	Pass
				-30	120	-10.042	-0.0053	-2.5 to 2.5	Pass
				-20	120	2.275	0.0012	-2.5 to 2.5	Pass
				-10	120	-6.666	-0.0035	-2.5 to 2.5	Pass
				0	120	-0.114	-0.0001	-2.5 to 2.5	Pass
				10	120	-12.689	-0.0067	-2.5 to 2.5	Pass
				30	120	-6.266	-0.0033	-2.5 to 2.5	Pass
				40	120	-6.323	-0.0034	-2.5 to 2.5	Pass
				50	120	2.432	0.0013	-2.5 to 2.5	Pass
	1912.5	25	0	20	102	-5.136	-0.0027	-2.5 to 2.5	Pass
					120	-7.010	-0.0037	-2.5 to 2.5	Pass
					138	-4.220	-0.0022	-2.5 to 2.5	Pass
				-30	120	-9.141	-0.0048	-2.5 to 2.5	Pass
				-20	120	-1.473	-0.0008	-2.5 to 2.5	Pass
				-10	120	-2.131	-0.0011	-2.5 to 2.5	Pass
				0	120	-1.073	-0.0006	-2.5 to 2.5	Pass
				10	120	-4.177	-0.0022	-2.5 to 2.5	Pass
				30	120	-5.422	-0.0028	-2.5 to 2.5	Pass
				40	120	-7.567	-0.0040	-2.5 to 2.5	Pass
				50	120	-9.685	-0.0051	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	102	1.574	0.0008	-2.5 to 2.5	Pass
					120	-3.448	-0.0019	-2.5 to 2.5	Pass
					138	-4.334	-0.0023	-2.5 to 2.5	Pass
				-30	120	3.290	0.0018	-2.5 to 2.5	Pass
				-20	120	-0.043	0.0000	-2.5 to 2.5	Pass
				-10	120	-1.087	-0.0006	-2.5 to 2.5	Pass
				0	120	-2.804	-0.0015	-2.5 to 2.5	Pass
				10	120	-5.522	-0.0030	-2.5 to 2.5	Pass

				30	120	-2.761	-0.0015	-2.5 to 2.5	Pass
				40	120	-4.921	-0.0027	-2.5 to 2.5	Pass
				50	120	-2.546	-0.0014	-2.5 to 2.5	Pass
	1882.5	50	0	20	102	-3.304	-0.0018	-2.5 to 2.5	Pass
					120	-11.115	-0.0059	-2.5 to 2.5	Pass
					138	-1.259	-0.0007	-2.5 to 2.5	Pass
				-30	120	-5.250	-0.0028	-2.5 to 2.5	Pass
				-20	120	-7.181	-0.0038	-2.5 to 2.5	Pass
				-10	120	-5.579	-0.0030	-2.5 to 2.5	Pass
				0	120	-11.301	-0.0060	-2.5 to 2.5	Pass
				10	120	-9.742	-0.0052	-2.5 to 2.5	Pass
				30	120	-13.146	-0.0070	-2.5 to 2.5	Pass
				40	120	-9.727	-0.0052	-2.5 to 2.5	Pass
				50	120	-7.238	-0.0038	-2.5 to 2.5	Pass
	1910	50	0	20	102	-6.695	-0.0035	-2.5 to 2.5	Pass
					120	-6.852	-0.0036	-2.5 to 2.5	Pass
					138	-3.476	-0.0018	-2.5 to 2.5	Pass
				-30	120	-6.065	-0.0032	-2.5 to 2.5	Pass
				-20	120	-7.439	-0.0039	-2.5 to 2.5	Pass
				-10	120	-7.195	-0.0038	-2.5 to 2.5	Pass
				0	120	-3.934	-0.0021	-2.5 to 2.5	Pass
				10	120	-8.841	-0.0046	-2.5 to 2.5	Pass
				30	120	-6.566	-0.0034	-2.5 to 2.5	Pass
				40	120	-4.177	-0.0022	-2.5 to 2.5	Pass
				50	120	-2.818	-0.0015	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	102	-9.341	-0.0050	-2.5 to 2.5	Pass
					120	-5.522	-0.0030	-2.5 to 2.5	Pass
					138	-1.531	-0.0008	-2.5 to 2.5	Pass
				-30	120	-7.796	-0.0042	-2.5 to 2.5	Pass
				-20	120	-1.144	-0.0006	-2.5 to 2.5	Pass
				-10	120	0.873	0.0005	-2.5 to 2.5	Pass
				0	120	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	120	-1.903	-0.0010	-2.5 to 2.5	Pass
				30	120	1.516	0.0008	-2.5 to 2.5	Pass
				40	120	-2.089	-0.0011	-2.5 to 2.5	Pass
				50	120	-5.565	-0.0030	-2.5 to 2.5	Pass
	1882.5	50	0	20	102	-10.686	-0.0057	-2.5 to 2.5	Pass
					120	0.000	0.0000	-2.5 to 2.5	Pass
					138	2.561	0.0014	-2.5 to 2.5	Pass
				-30	120	-7.696	-0.0041	-2.5 to 2.5	Pass
				-20	120	-10.786	-0.0057	-2.5 to 2.5	Pass
				-10	120	-8.769	-0.0047	-2.5 to 2.5	Pass
				0	120	-9.642	-0.0051	-2.5 to 2.5	Pass
				10	120	-5.679	-0.0030	-2.5 to 2.5	Pass
				30	120	-6.609	-0.0035	-2.5 to 2.5	Pass
				40	120	-7.954	-0.0042	-2.5 to 2.5	Pass
				50	120	-7.854	-0.0042	-2.5 to 2.5	Pass
	1910	50	0	20	102	-6.852	-0.0036	-2.5 to 2.5	Pass
					120	-3.490	-0.0018	-2.5 to 2.5	Pass
					138	-5.908	-0.0031	-2.5 to 2.5	Pass
				-30	120	-7.110	-0.0037	-2.5 to 2.5	Pass
				-20	120	-6.223	-0.0033	-2.5 to 2.5	Pass
				-10	120	-5.808	-0.0030	-2.5 to 2.5	Pass
				0	120	-9.298	-0.0049	-2.5 to 2.5	Pass
				10	120	-2.732	-0.0014	-2.5 to 2.5	Pass
				30	120	-3.333	-0.0017	-2.5 to 2.5	Pass
				40	120	-4.892	-0.0026	-2.5 to 2.5	Pass
				50	120	-10.586	-0.0055	-2.5 to 2.5	Pass

2.1.5 B25_15MHz

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	102	0.186	0.0001	-2.5 to 2.5	Pass
					120	-4.120	-0.0022	-2.5 to 2.5	Pass
					138	-0.229	-0.0001	-2.5 to 2.5	Pass
				-30	120	-2.303	-0.0012	-2.5 to 2.5	Pass
				-20	120	-3.061	-0.0016	-2.5 to 2.5	Pass
				-10	120	-3.734	-0.0020	-2.5 to 2.5	Pass
				0	120	-0.286	-0.0002	-2.5 to 2.5	Pass
				10	120	-4.764	-0.0026	-2.5 to 2.5	Pass
				30	120	-4.878	-0.0026	-2.5 to 2.5	Pass
				40	120	-4.005	-0.0022	-2.5 to 2.5	Pass
				50	120	-10.357	-0.0056	-2.5 to 2.5	Pass
	1882.5	75	0	20	102	-6.022	-0.0032	-2.5 to 2.5	Pass
					120	-7.253	-0.0039	-2.5 to 2.5	Pass
					138	-8.497	-0.0045	-2.5 to 2.5	Pass
				-30	120	-10.014	-0.0053	-2.5 to 2.5	Pass
				-20	120	-9.599	-0.0051	-2.5 to 2.5	Pass
				-10	120	-3.033	-0.0016	-2.5 to 2.5	Pass
				0	120	-11.773	-0.0063	-2.5 to 2.5	Pass
				10	120	-11.473	-0.0061	-2.5 to 2.5	Pass
				30	120	-10.157	-0.0054	-2.5 to 2.5	Pass
				40	120	-4.506	-0.0024	-2.5 to 2.5	Pass
				50	120	-5.836	-0.0031	-2.5 to 2.5	Pass
	1907.5	75	0	20	102	-6.166	-0.0032	-2.5 to 2.5	Pass
					120	-2.303	-0.0012	-2.5 to 2.5	Pass
					138	-7.524	-0.0039	-2.5 to 2.5	Pass
				-30	120	-2.918	-0.0015	-2.5 to 2.5	Pass
				-20	120	-1.545	-0.0008	-2.5 to 2.5	Pass
				-10	120	-4.134	-0.0022	-2.5 to 2.5	Pass
				0	120	-7.052	-0.0037	-2.5 to 2.5	Pass
				10	120	-5.279	-0.0028	-2.5 to 2.5	Pass
				30	120	-6.137	-0.0032	-2.5 to 2.5	Pass
				40	120	0.057	0.0000	-2.5 to 2.5	Pass
				50	120	-9.241	-0.0048	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	102	-11.973	-0.0064	-2.5 to 2.5	Pass
					120	-9.012	-0.0049	-2.5 to 2.5	Pass
					138	-7.095	-0.0038	-2.5 to 2.5	Pass
				-30	120	0.944	0.0005	-2.5 to 2.5	Pass
				-20	120	-6.709	-0.0036	-2.5 to 2.5	Pass
				-10	120	-4.463	-0.0024	-2.5 to 2.5	Pass
				0	120	-6.380	-0.0034	-2.5 to 2.5	Pass
				10	120	-6.309	-0.0034	-2.5 to 2.5	Pass
				30	120	-6.638	-0.0036	-2.5 to 2.5	Pass
				40	120	-2.661	-0.0014	-2.5 to 2.5	Pass
				50	120	-8.140	-0.0044	-2.5 to 2.5	Pass
	1882.5	75	0	20	102	-3.605	-0.0019	-2.5 to 2.5	Pass
					120	-5.150	-0.0027	-2.5 to 2.5	Pass
					138	-11.201	-0.0060	-2.5 to 2.5	Pass
				-30	120	-6.051	-0.0032	-2.5 to 2.5	Pass
				-20	120	-8.841	-0.0047	-2.5 to 2.5	Pass
				-10	120	-6.723	-0.0036	-2.5 to 2.5	Pass
				0	120	-5.679	-0.0030	-2.5 to 2.5	Pass
				10	120	-9.041	-0.0048	-2.5 to 2.5	Pass
				30	120	-12.202	-0.0065	-2.5 to 2.5	Pass
				40	120	-7.195	-0.0038	-2.5 to 2.5	Pass
				50	120	-5.779	-0.0031	-2.5 to 2.5	Pass

	1907.5	75	0	20	102	-5.436	-0.0028	-2.5 to 2.5	Pass
					120	-4.077	-0.0021	-2.5 to 2.5	Pass
					138	-5.822	-0.0031	-2.5 to 2.5	Pass
				-30	120	-7.997	-0.0042	-2.5 to 2.5	Pass
				-20	120	-5.965	-0.0031	-2.5 to 2.5	Pass
				-10	120	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	120	-5.479	-0.0029	-2.5 to 2.5	Pass
				10	120	-7.353	-0.0039	-2.5 to 2.5	Pass
				30	120	-5.922	-0.0031	-2.5 to 2.5	Pass
				40	120	-3.333	-0.0017	-2.5 to 2.5	Pass
				50	120	-4.148	-0.0022	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	102	-3.233	-0.0017	-2.5 to 2.5	Pass
					120	-4.649	-0.0025	-2.5 to 2.5	Pass
					138	-7.195	-0.0039	-2.5 to 2.5	Pass
				-30	120	-4.206	-0.0023	-2.5 to 2.5	Pass
				-20	120	-3.562	-0.0019	-2.5 to 2.5	Pass
				-10	120	-5.050	-0.0027	-2.5 to 2.5	Pass
				0	120	2.689	0.0014	-2.5 to 2.5	Pass
				10	120	-3.376	-0.0018	-2.5 to 2.5	Pass
				30	120	-7.739	-0.0042	-2.5 to 2.5	Pass
				40	120	-4.535	-0.0024	-2.5 to 2.5	Pass
				50	120	-4.935	-0.0027	-2.5 to 2.5	Pass
	1882.5	100	0	20	102	-8.068	-0.0043	-2.5 to 2.5	Pass
					120	-1.760	-0.0009	-2.5 to 2.5	Pass
					138	-11.287	-0.0060	-2.5 to 2.5	Pass
				-30	120	-5.393	-0.0029	-2.5 to 2.5	Pass
				-20	120	-11.244	-0.0060	-2.5 to 2.5	Pass
				-10	120	-9.012	-0.0048	-2.5 to 2.5	Pass
				0	120	-11.258	-0.0060	-2.5 to 2.5	Pass
				10	120	-5.336	-0.0028	-2.5 to 2.5	Pass
				30	120	-9.184	-0.0049	-2.5 to 2.5	Pass
				40	120	-11.630	-0.0062	-2.5 to 2.5	Pass
				50	120	-7.496	-0.0040	-2.5 to 2.5	Pass
	1905	100	0	20	102	-2.089	-0.0011	-2.5 to 2.5	Pass
					120	-6.280	-0.0033	-2.5 to 2.5	Pass
					138	-4.463	-0.0023	-2.5 to 2.5	Pass
				-30	120	-2.546	-0.0013	-2.5 to 2.5	Pass
				-20	120	-4.263	-0.0022	-2.5 to 2.5	Pass
				-10	120	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	120	-6.723	-0.0035	-2.5 to 2.5	Pass
				10	120	-8.454	-0.0044	-2.5 to 2.5	Pass
				30	120	-6.266	-0.0033	-2.5 to 2.5	Pass
				40	120	-10.085	-0.0053	-2.5 to 2.5	Pass
				50	120	-9.413	-0.0049	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	102	-3.147	-0.0017	-2.5 to 2.5	Pass
					120	-5.007	-0.0027	-2.5 to 2.5	Pass
					138	-6.881	-0.0037	-2.5 to 2.5	Pass
				-30	120	-2.661	-0.0014	-2.5 to 2.5	Pass
				-20	120	-1.931	-0.0010	-2.5 to 2.5	Pass
				-10	120	-4.320	-0.0023	-2.5 to 2.5	Pass
				0	120	-7.753	-0.0042	-2.5 to 2.5	Pass
				10	120	1.659	0.0009	-2.5 to 2.5	Pass

				30	120	-4.506	-0.0024	-2.5 to 2.5	Pass
				40	120	-2.131	-0.0011	-2.5 to 2.5	Pass
				50	120	-7.753	-0.0042	-2.5 to 2.5	Pass
	1882.5	100	0	20	102	-6.323	-0.0034	-2.5 to 2.5	Pass
					120	-5.636	-0.0030	-2.5 to 2.5	Pass
					138	-4.163	-0.0022	-2.5 to 2.5	Pass
				-30	120	-8.125	-0.0043	-2.5 to 2.5	Pass
				-20	120	-6.781	-0.0036	-2.5 to 2.5	Pass
				-10	120	-6.423	-0.0034	-2.5 to 2.5	Pass
				0	120	-9.570	-0.0051	-2.5 to 2.5	Pass
				10	120	-7.010	-0.0037	-2.5 to 2.5	Pass
				30	120	-5.980	-0.0032	-2.5 to 2.5	Pass
				40	120	-12.002	-0.0064	-2.5 to 2.5	Pass
				50	120	-12.846	-0.0068	-2.5 to 2.5	Pass
	1905	100	0	20	102	-5.651	-0.0030	-2.5 to 2.5	Pass
					120	-5.550	-0.0029	-2.5 to 2.5	Pass
					138	-6.895	-0.0036	-2.5 to 2.5	Pass
				-30	120	-5.250	-0.0028	-2.5 to 2.5	Pass
				-20	120	-4.778	-0.0025	-2.5 to 2.5	Pass
				-10	120	-1.688	-0.0009	-2.5 to 2.5	Pass
				0	120	-3.619	-0.0019	-2.5 to 2.5	Pass
				10	120	-2.990	-0.0016	-2.5 to 2.5	Pass
				30	120	-1.516	-0.0008	-2.5 to 2.5	Pass
				40	120	-3.819	-0.0020	-2.5 to 2.5	Pass
				50	120	-8.984	-0.0047	-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

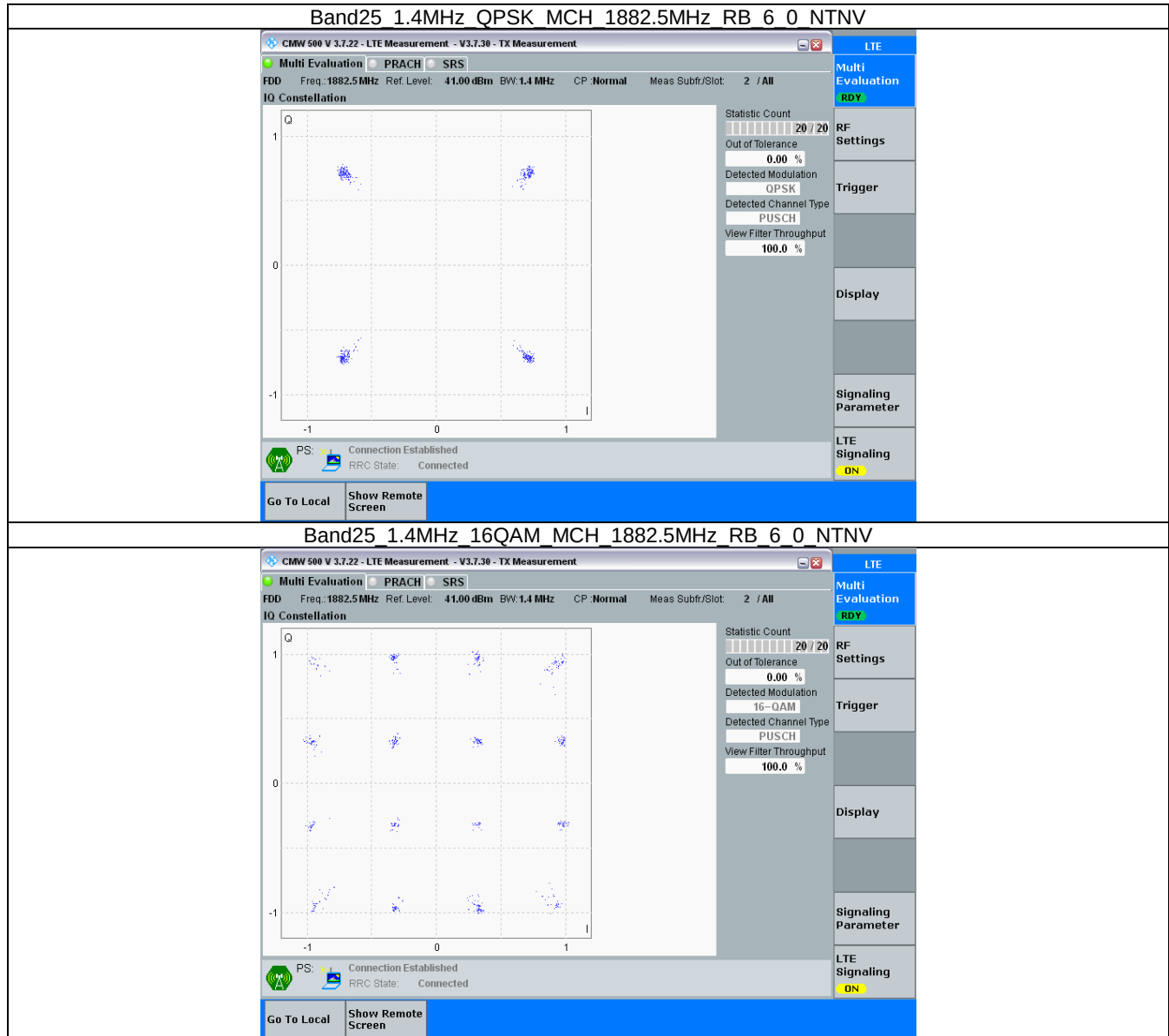
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

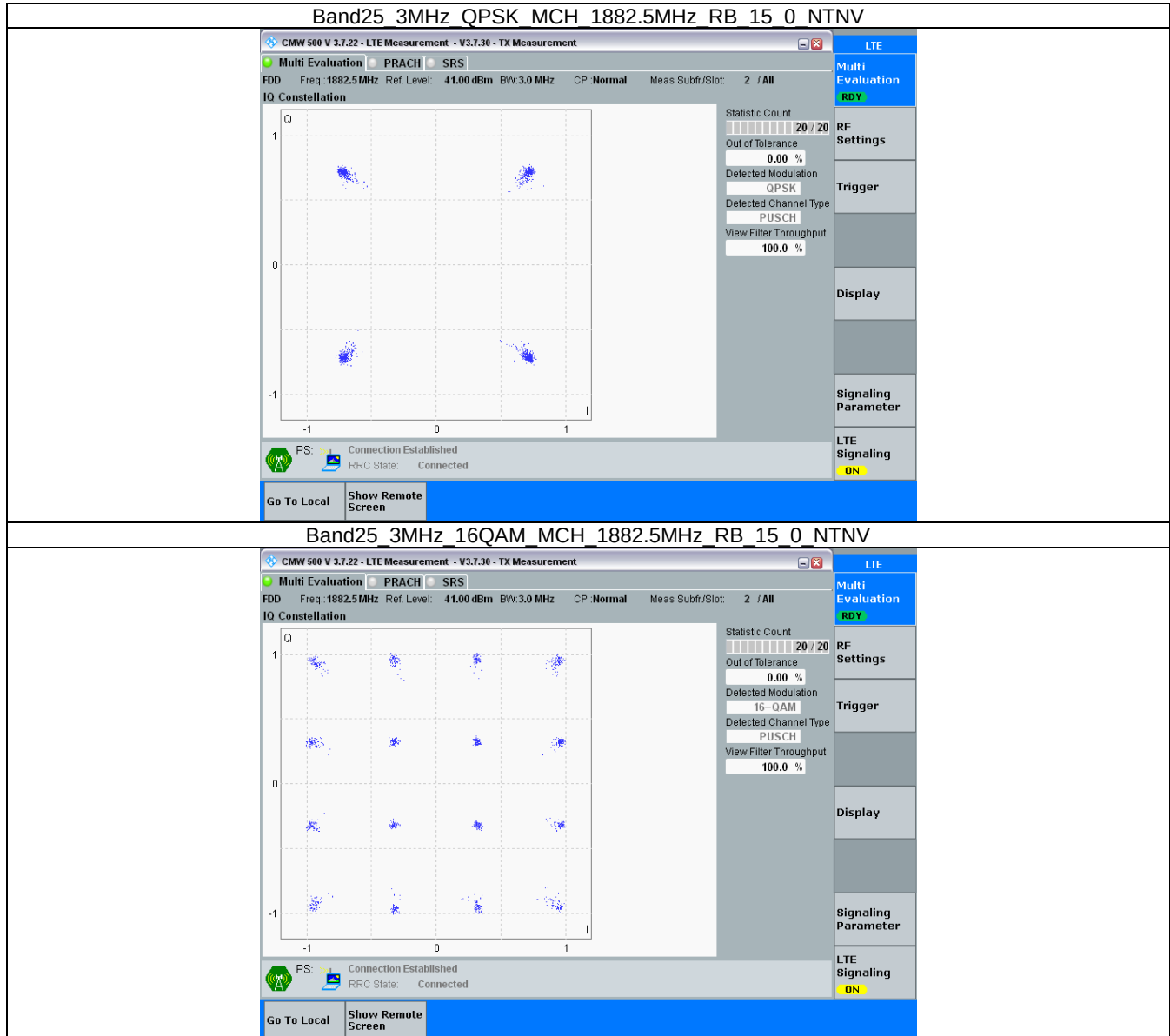
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

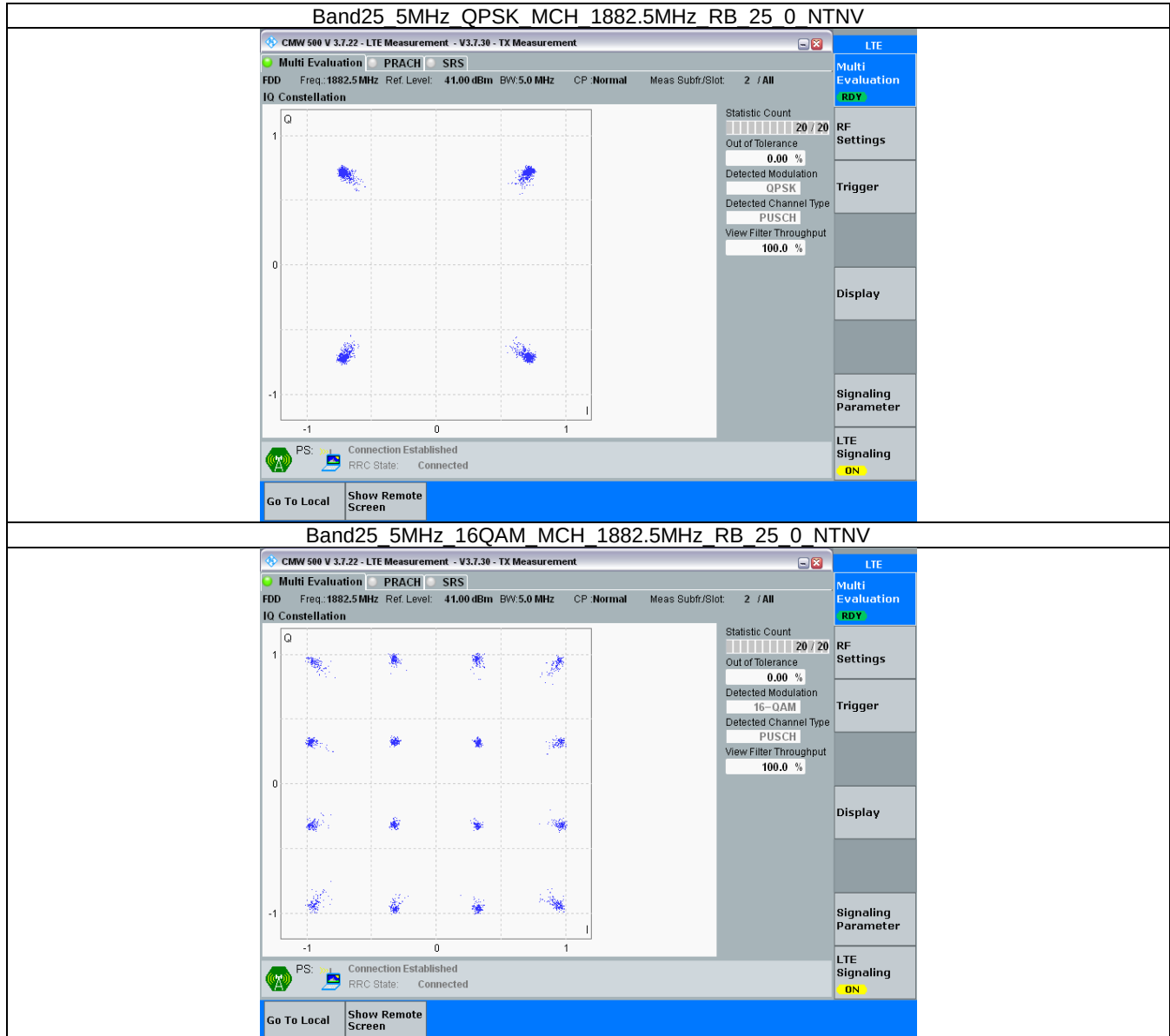
3.2.1 B25_1.4MHz



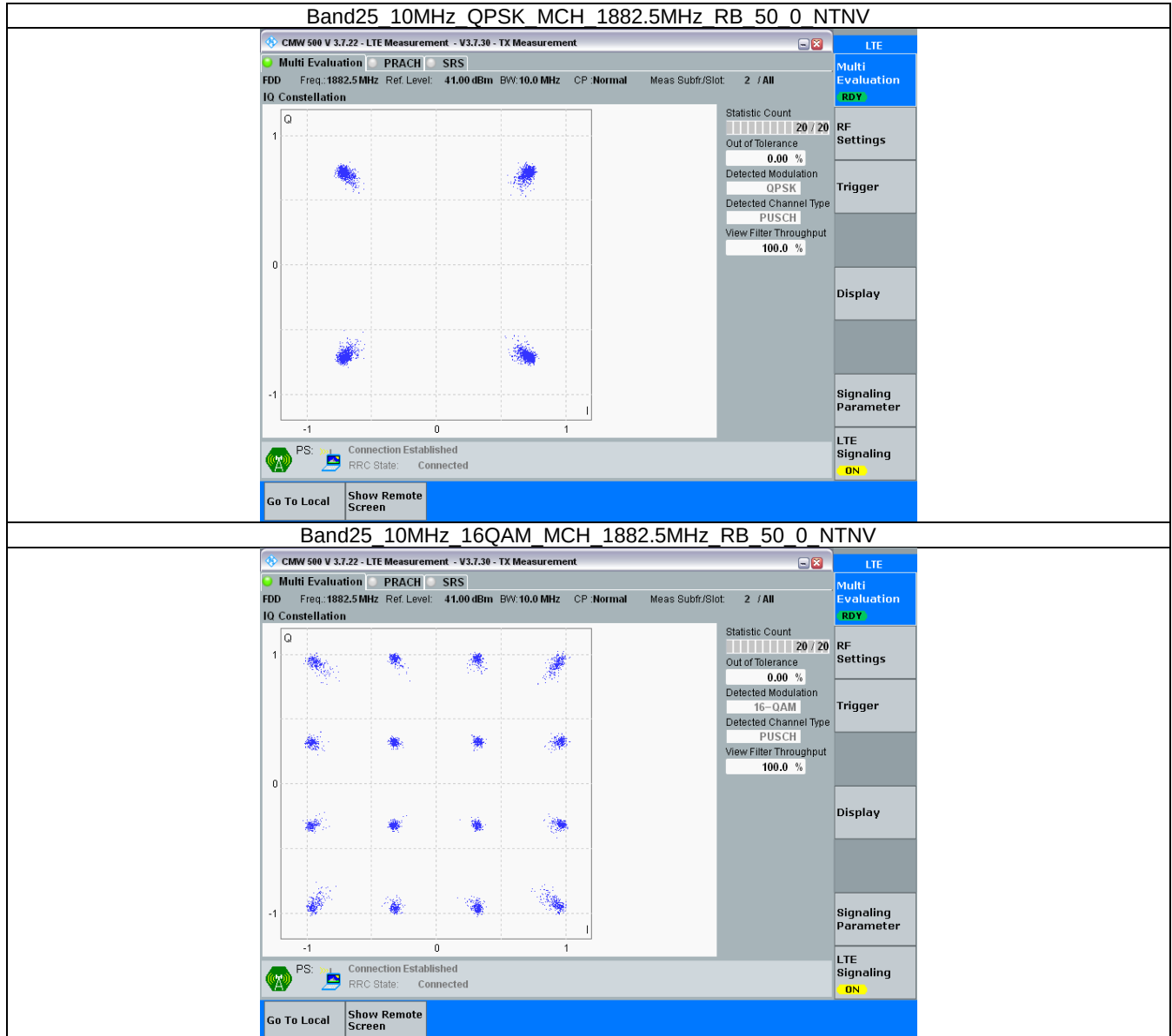
3.2.2 B25_3MHz



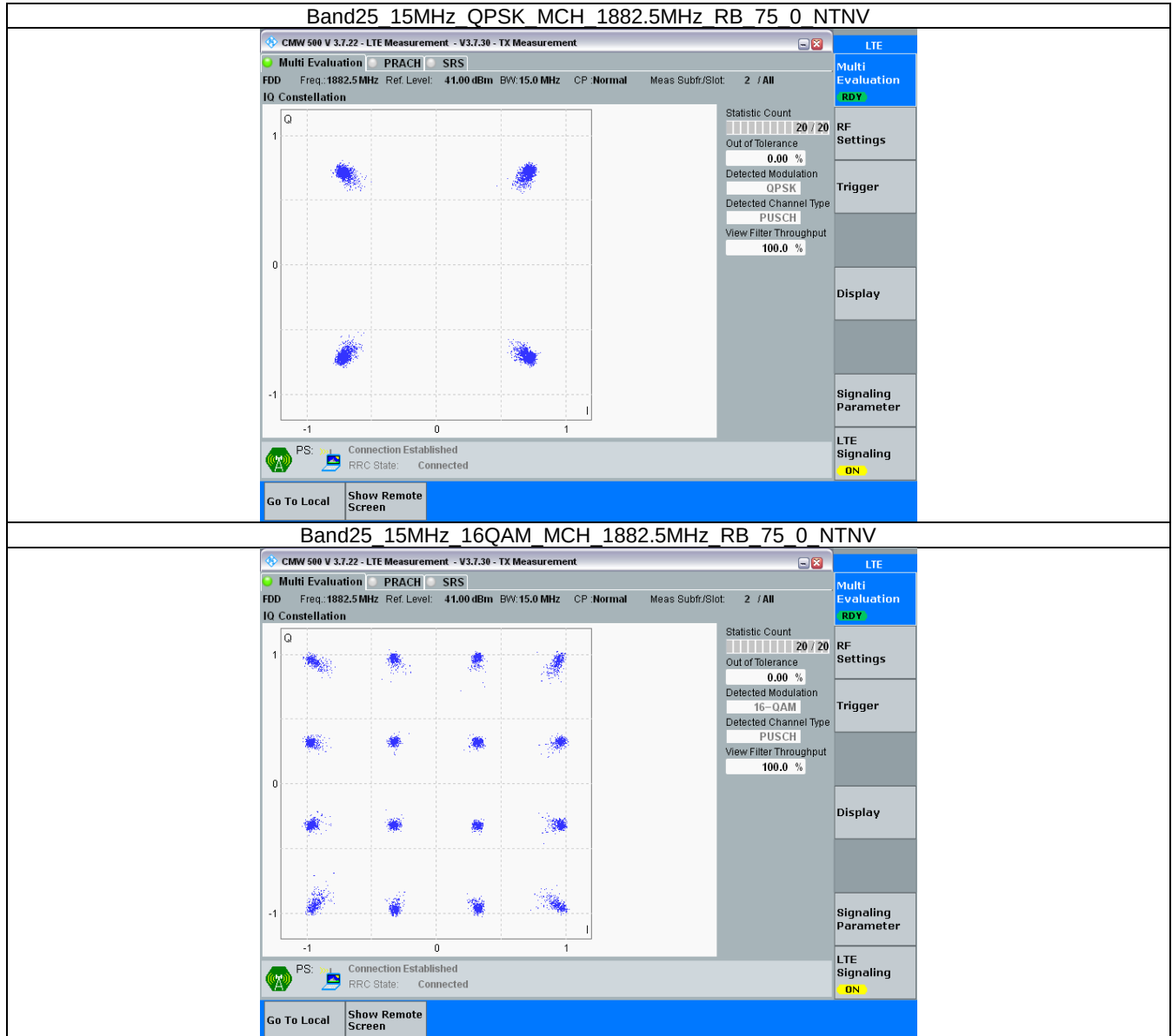
3.2.3 B25_5MHz



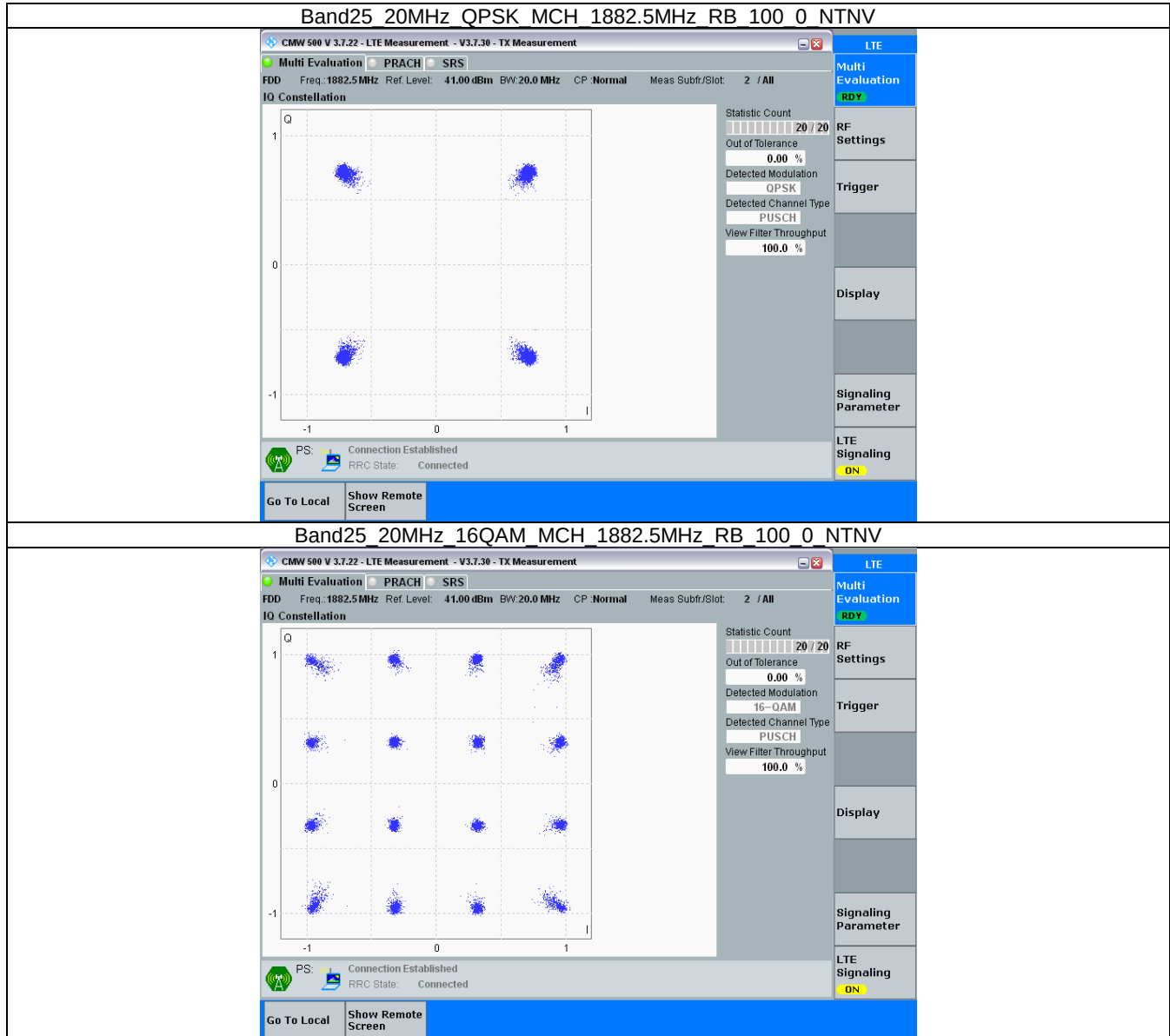
3.2.4 B25_10MHz



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	1.119	/	Pass
		1882.5	6	0	1.117	/	Pass
		1914.3	6	0	1.278	/	Pass
	16QAM	1850.7	6	0	1.109	/	Pass
		1882.5	6	0	1.121	/	Pass
		1914.3	6	0	1.153	/	Pass
3	QPSK	1851.5	15	0	2.747	/	Pass
		1882.5	15	0	2.751	/	Pass
		1913.5	15	0	2.779	/	Pass
	16QAM	1851.5	15	0	2.745	/	Pass
		1882.5	15	0	2.743	/	Pass
		1913.5	15	0	2.765	/	Pass
5	QPSK	1852.5	25	0	4.549	/	Pass
		1882.5	25	0	4.563	/	Pass
		1912.5	25	0	4.596	/	Pass
	16QAM	1852.5	25	0	4.573	/	Pass
		1882.5	25	0	4.570	/	Pass
		1912.5	25	0	4.570	/	Pass
10	QPSK	1855	50	0	9.035	/	Pass
		1882.5	50	0	9.055	/	Pass
		1910	50	0	9.105	/	Pass
	16QAM	1855	50	0	9.045	/	Pass
		1882.5	50	0	9.076	/	Pass
		1910	50	0	9.111	/	Pass
15	QPSK	1857.5	75	0	13.597	/	Pass
		1882.5	75	0	13.608	/	Pass
		1907.5	75	0	13.641	/	Pass
	16QAM	1857.5	75	0	13.615	/	Pass
		1882.5	75	0	13.648	/	Pass
		1907.5	75	0	13.625	/	Pass
20	QPSK	1860	100	0	18.158	/	Pass
		1882.5	100	0	18.121	/	Pass
		1905	100	0	18.052	/	Pass
	16QAM	1860	100	0	18.163	/	Pass
		1882.5	100	0	18.066	/	Pass
		1905	100	0	18.128	/	Pass

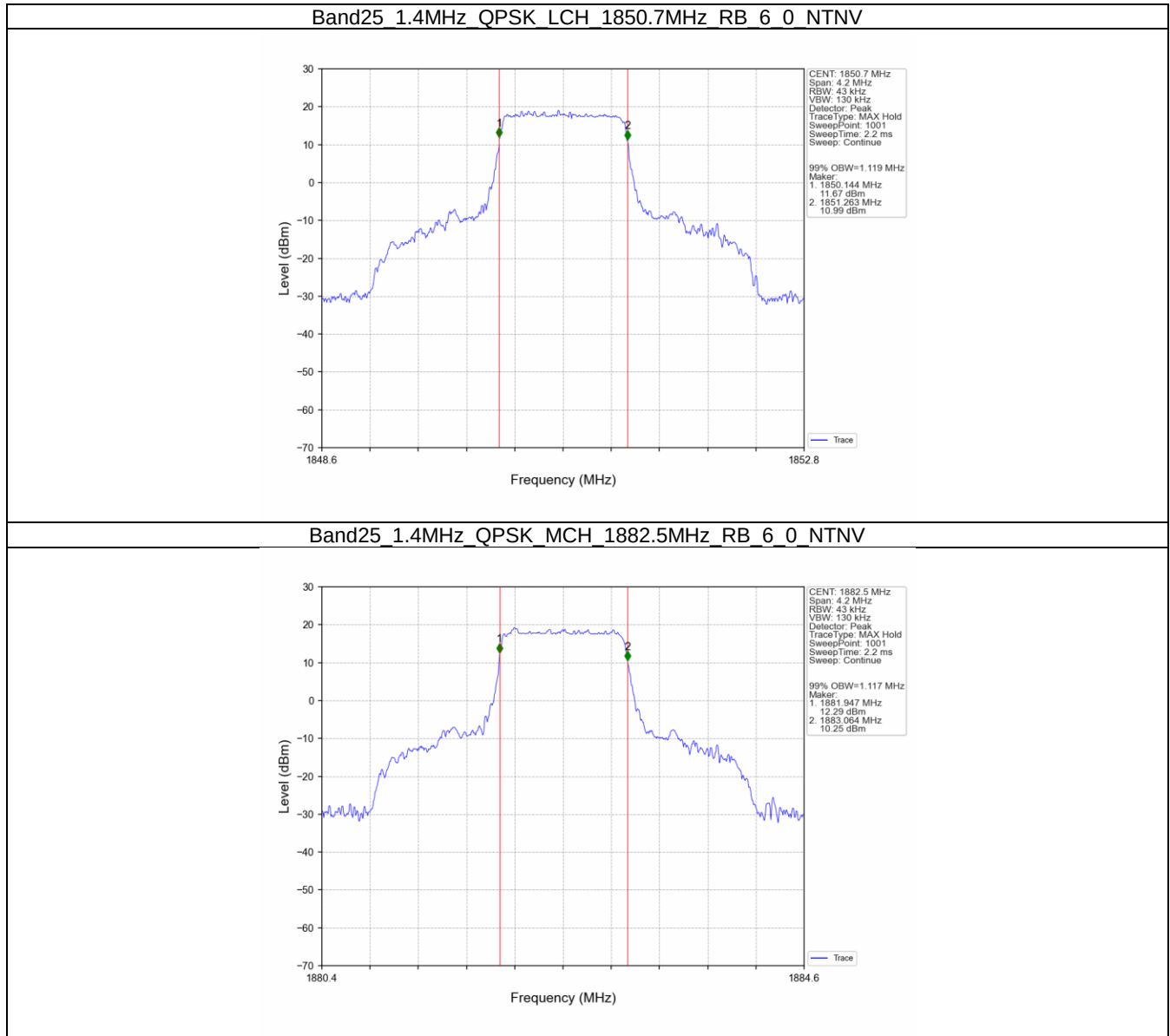
4.1.2 Band25_XDB

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	1.408	/	Pass
		1882.5	6	0	1.437	/	Pass
		1914.3	6	0	2.196	/	Pass
	16QAM	1850.7	6	0	1.445	/	Pass
		1882.5	6	0	1.351	/	Pass
		1914.3	6	0	2.120	/	Pass
3	QPSK	1851.5	15	0	3.019	/	Pass

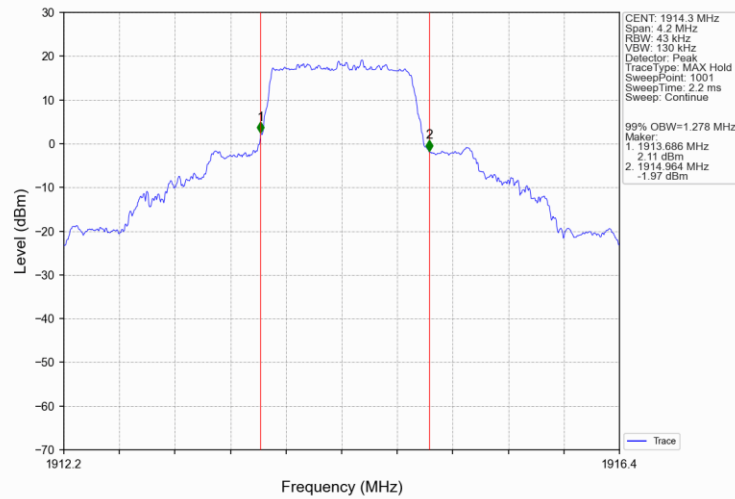
	16QAM	1882.5	15	0	3.081	/	Pass
		1913.5	15	0	5.217	/	Pass
		1851.5	15	0	3.149	/	Pass
		1882.5	15	0	3.016	/	Pass
		1913.5	15	0	4.985	/	Pass
5	QPSK	1852.5	25	0	5.057	/	Pass
		1882.5	25	0	6.005	/	Pass
		1912.5	25	0	5.378	/	Pass
	16QAM	1852.5	25	0	5.226	/	Pass
		1882.5	25	0	5.560	/	Pass
		1912.5	25	0	6.004	/	Pass
10	QPSK	1855	50	0	9.934	/	Pass
		1882.5	50	0	11.216	/	Pass
		1910	50	0	11.249	/	Pass
	16QAM	1855	50	0	9.954	/	Pass
		1882.5	50	0	10.473	/	Pass
		1910	50	0	12.190	/	Pass
15	QPSK	1857.5	75	0	14.878	/	Pass
		1882.5	75	0	17.447	/	Pass
		1907.5	75	0	19.298	/	Pass
	16QAM	1857.5	75	0	14.931	/	Pass
		1882.5	75	0	17.712	/	Pass
		1907.5	75	0	19.846	/	Pass
20	QPSK	1860	100	0	19.870	/	Pass
		1882.5	100	0	22.161	/	Pass
		1905	100	0	23.488	/	Pass
	16QAM	1860	100	0	19.868	/	Pass
		1882.5	100	0	21.858	/	Pass
		1905	100	0	22.204	/	Pass

4.2 Test Graph

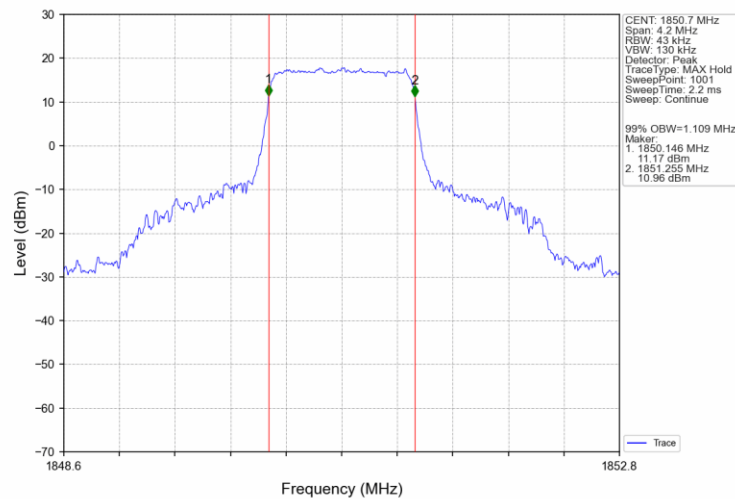
4.2.1 Band25_OBW



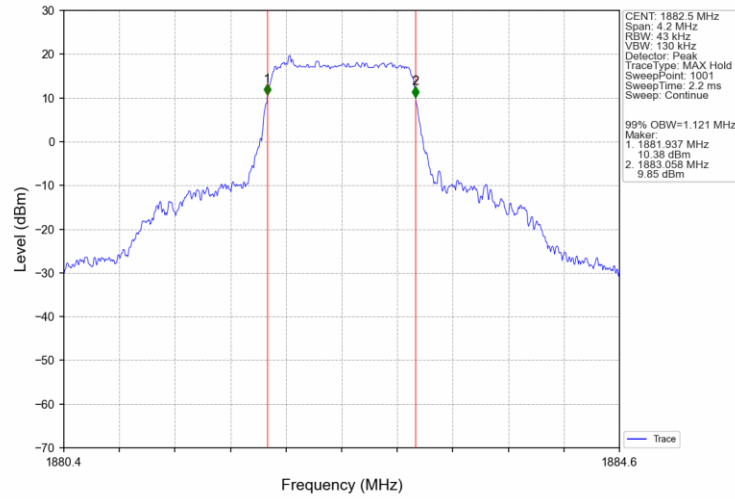
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



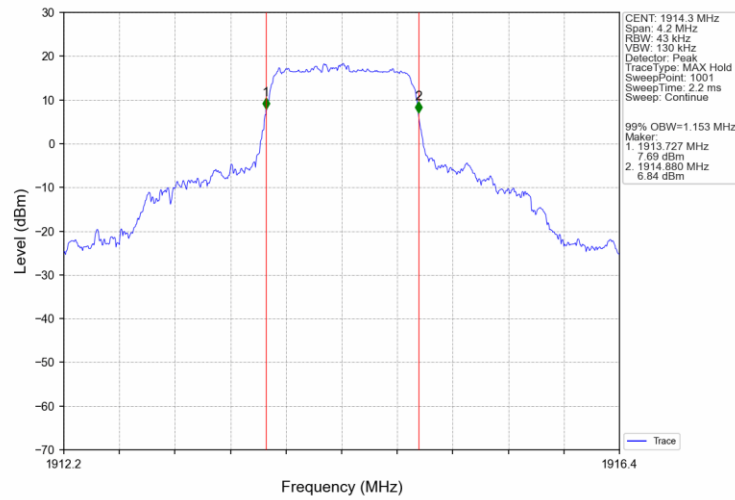
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



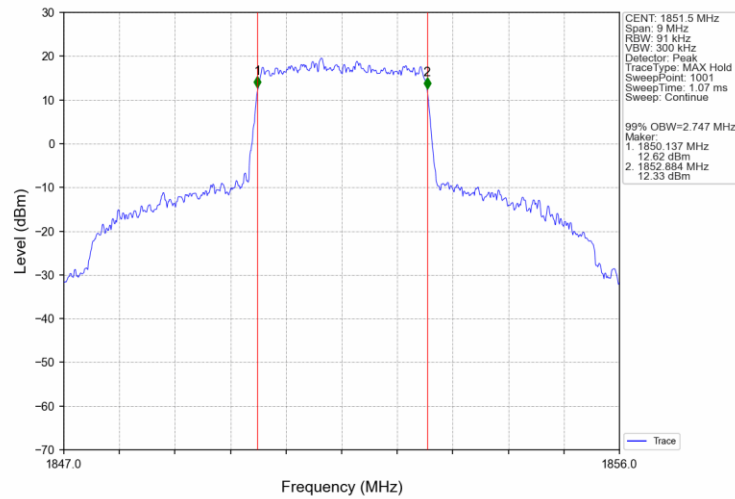
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



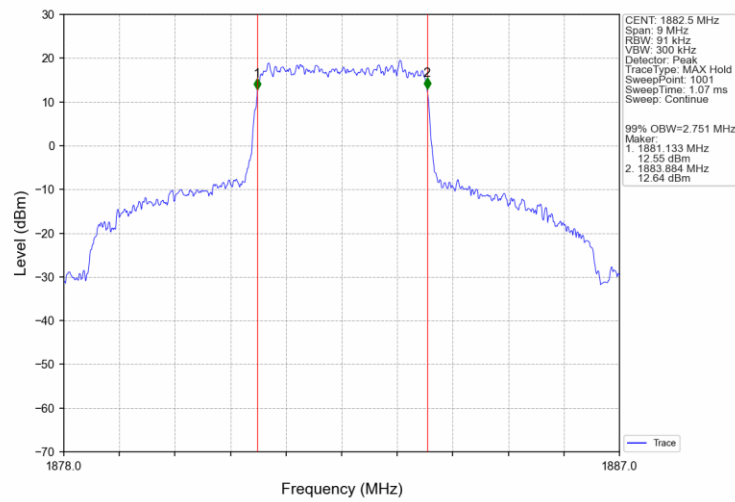
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



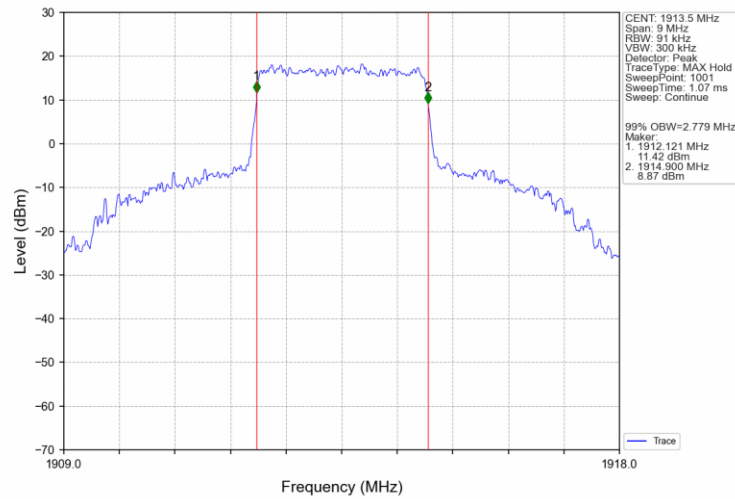
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



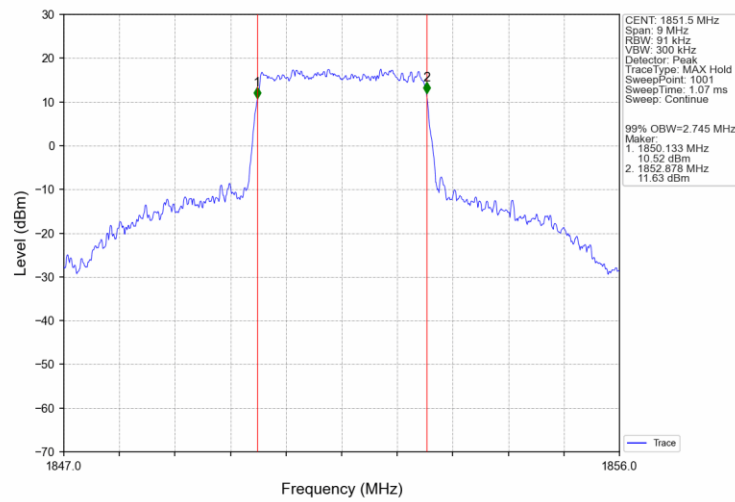
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



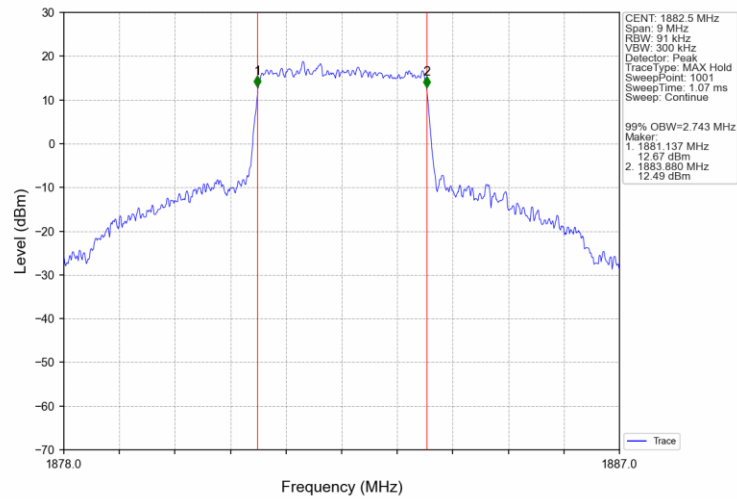
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



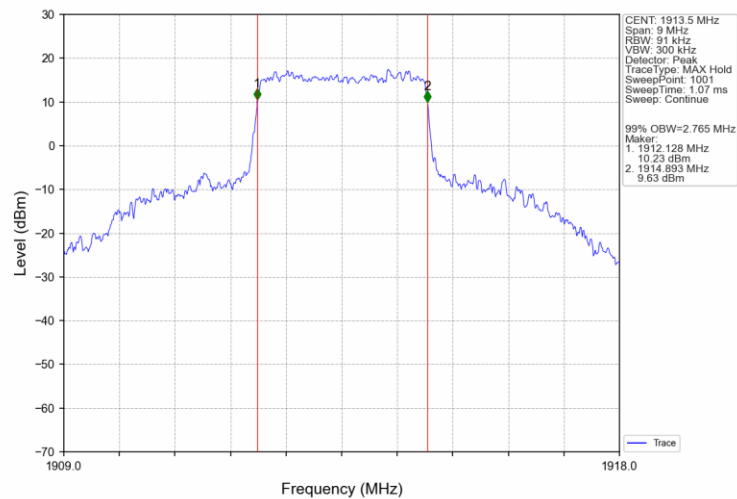
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



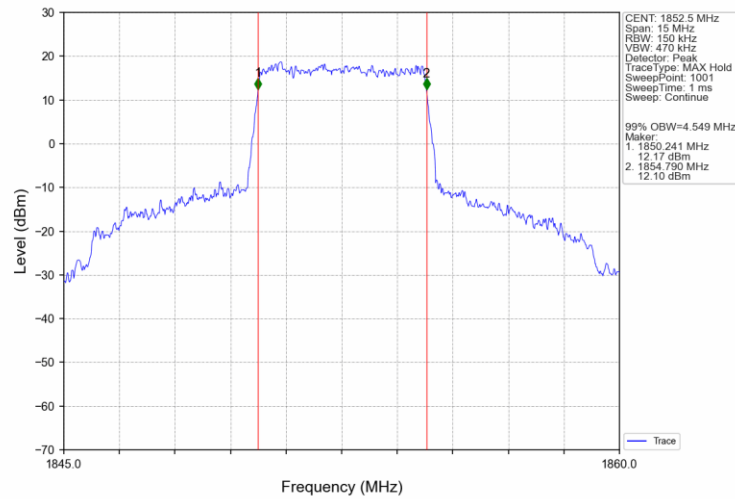
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTNV



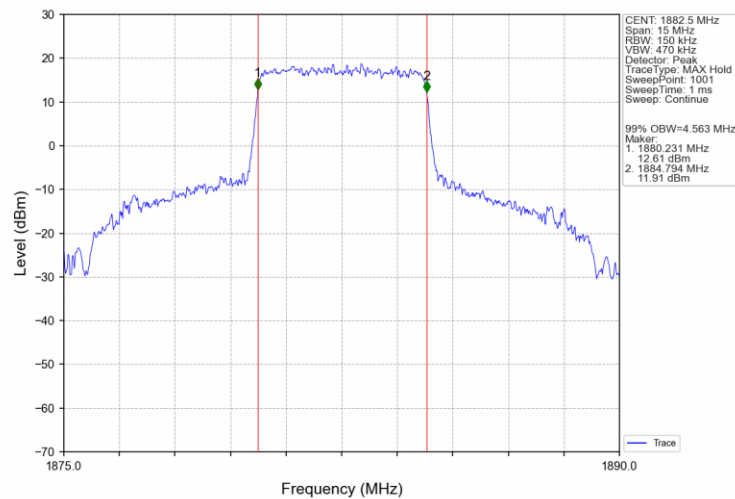
Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTNV



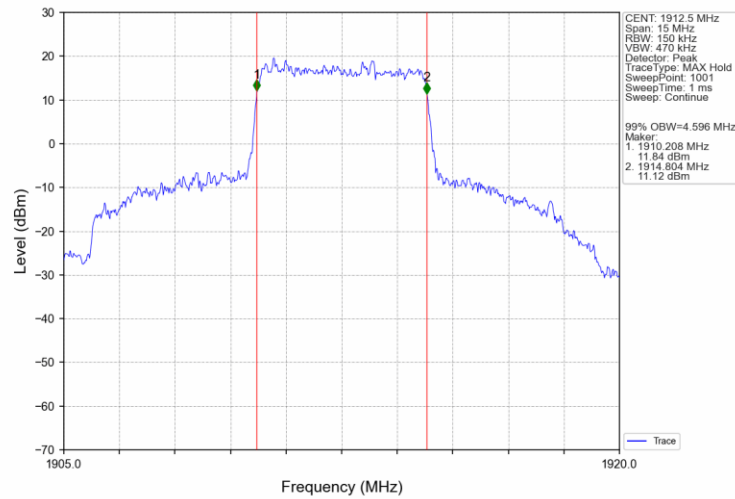
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



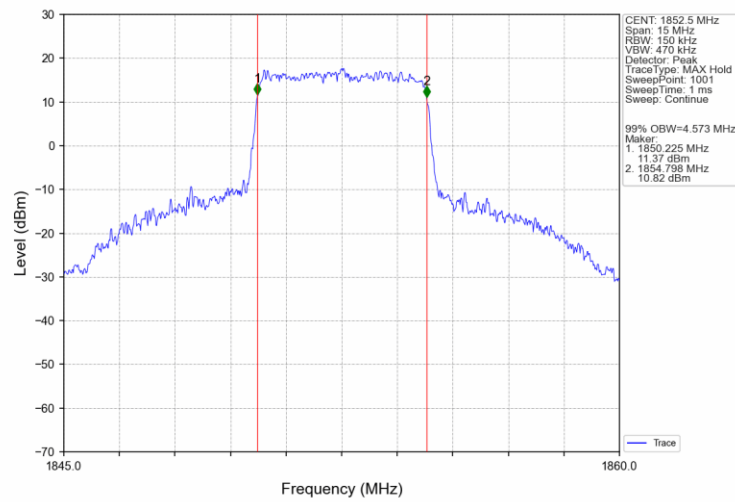
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



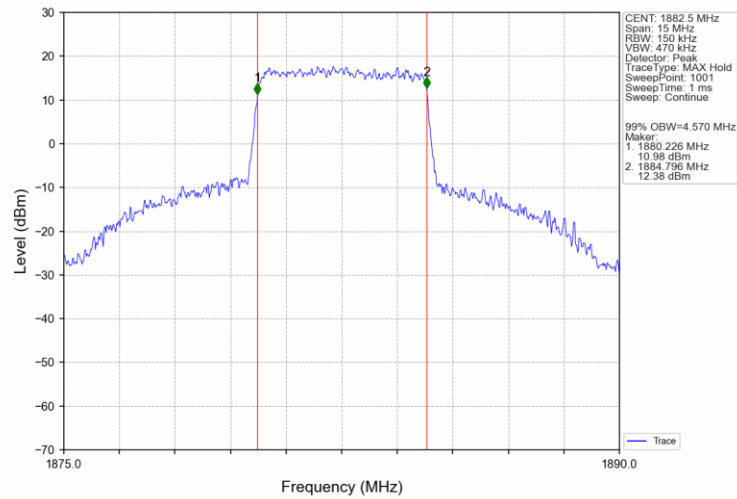
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



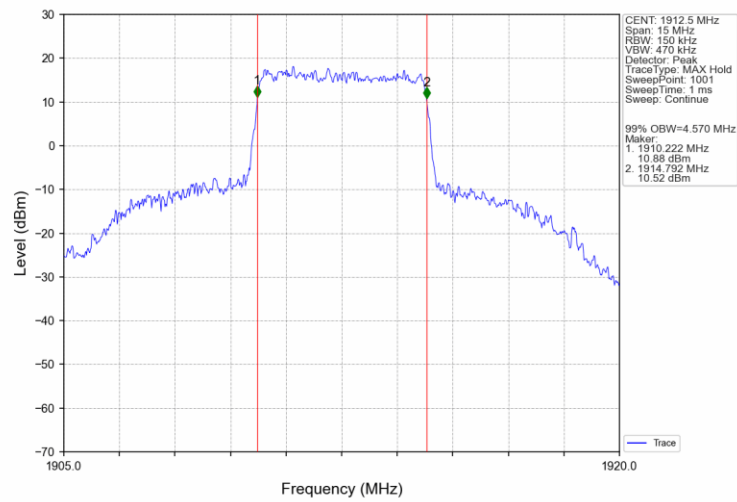
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



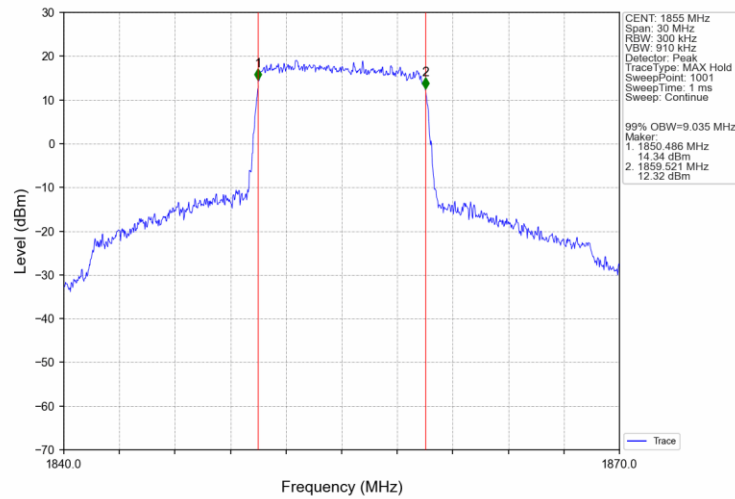
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTNV



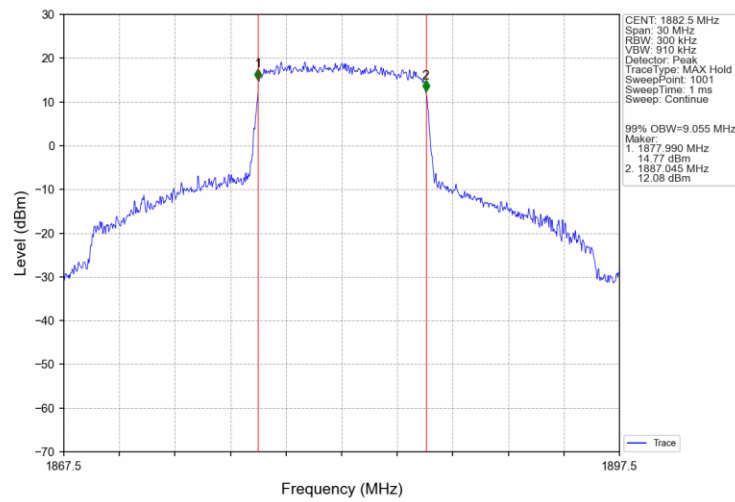
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV



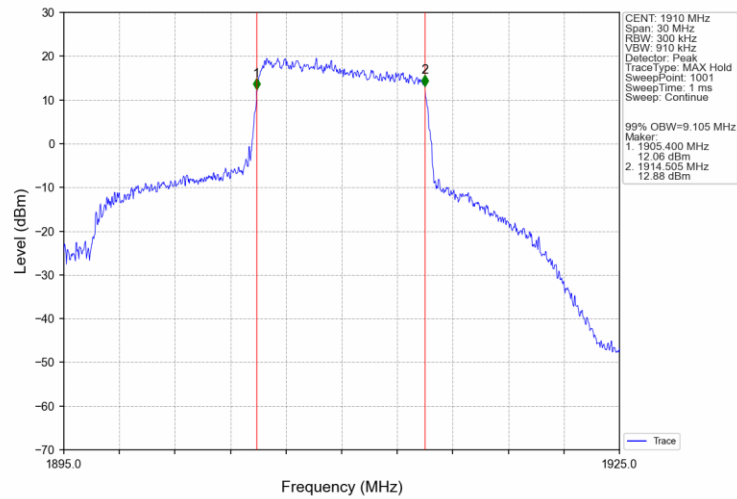
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



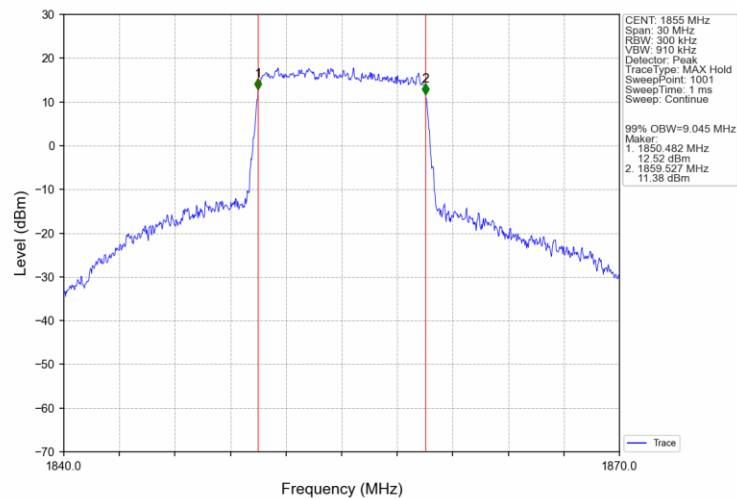
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



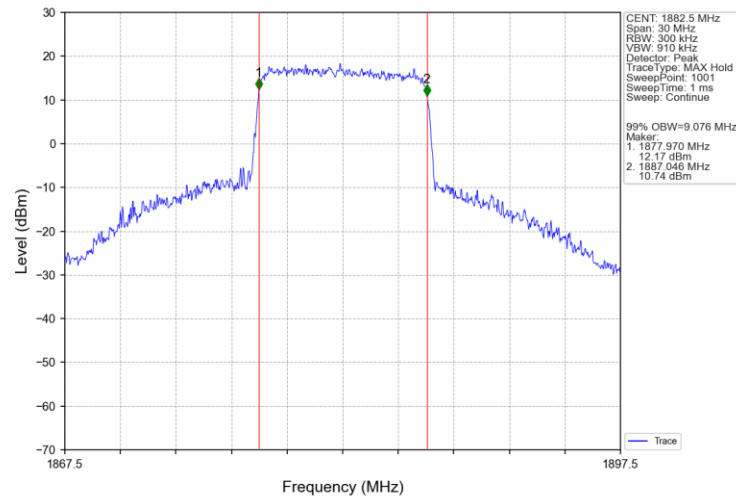
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



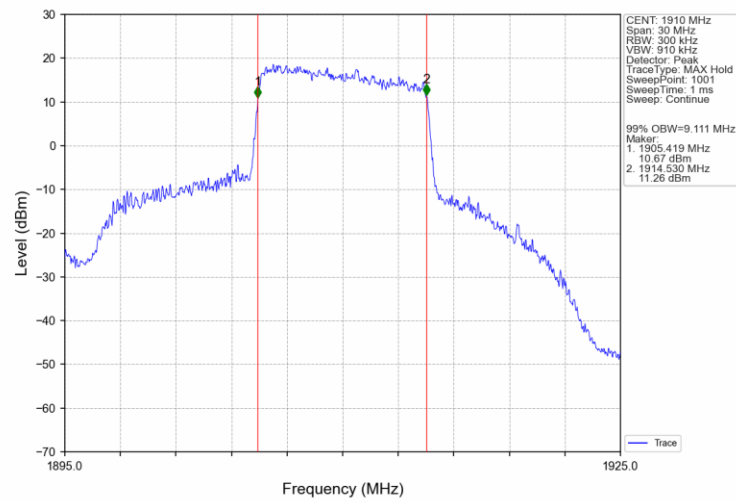
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



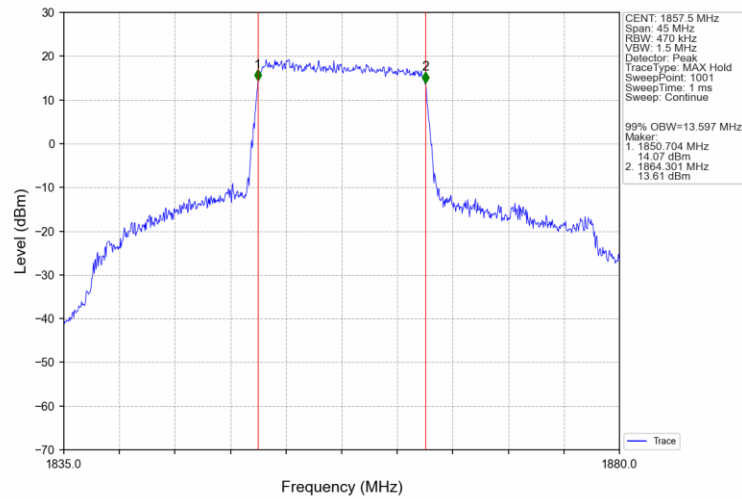
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTN



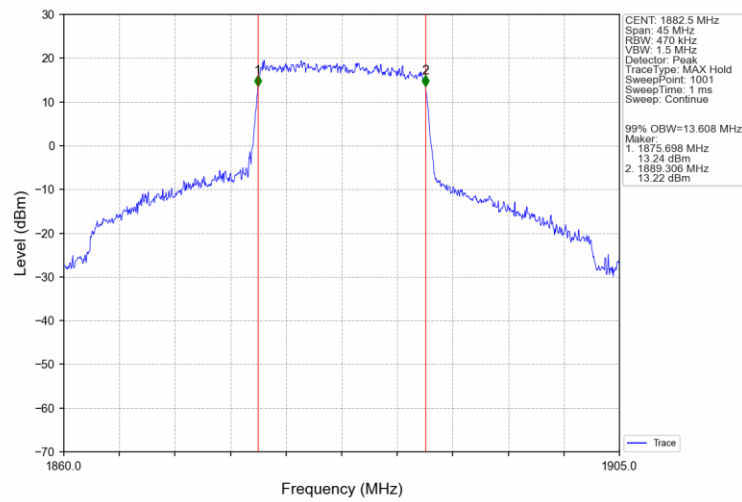
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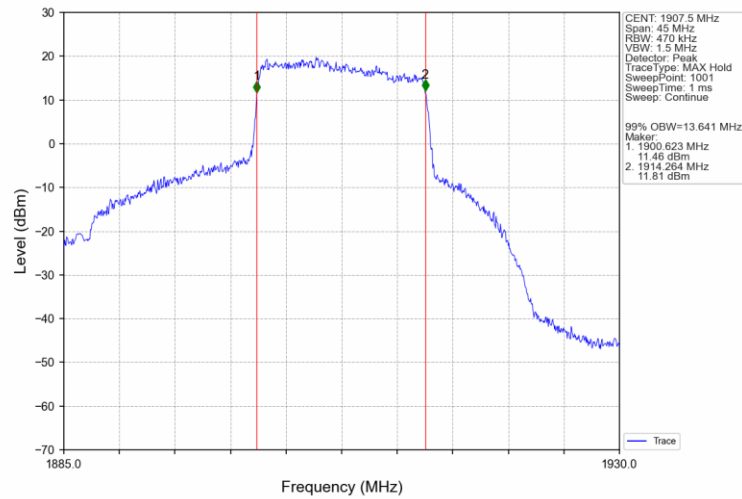
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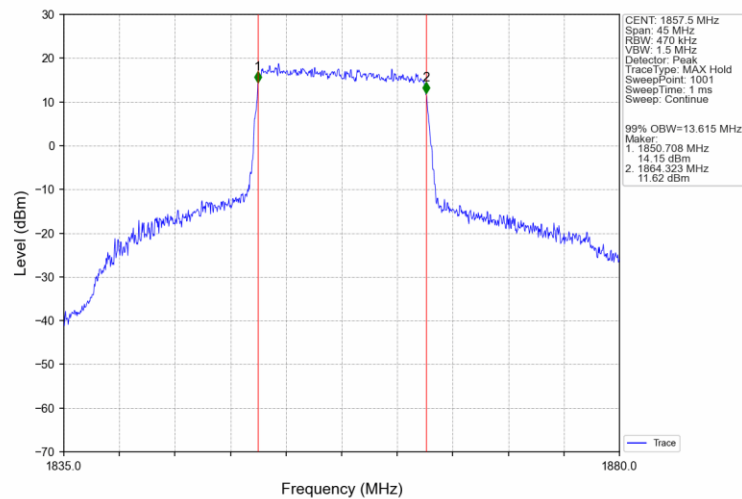
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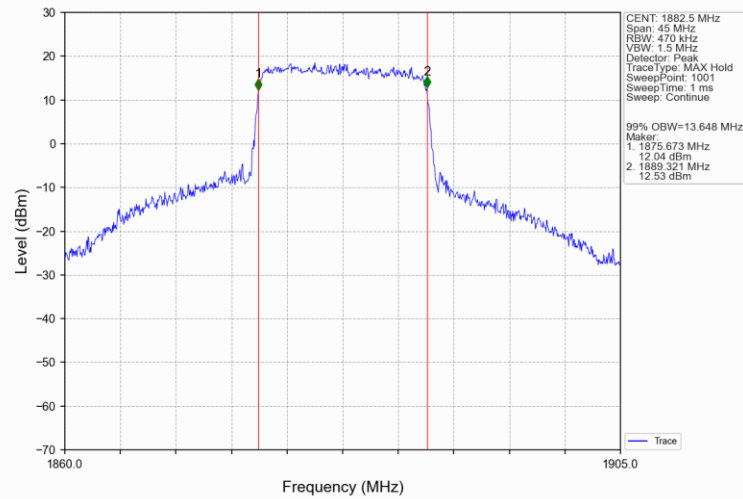
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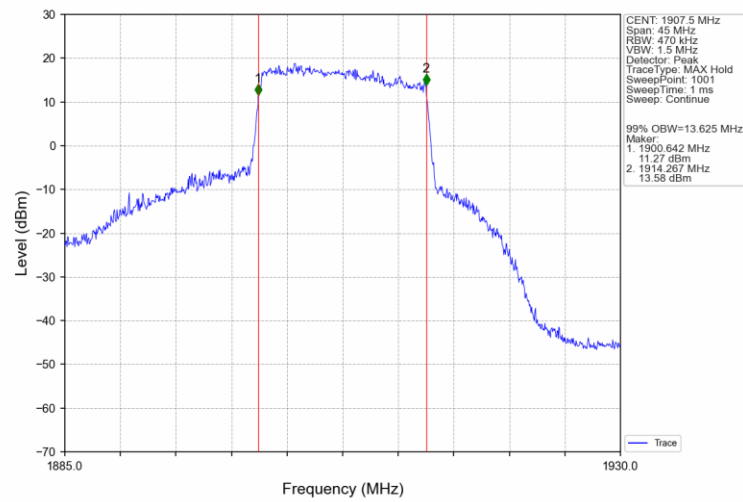
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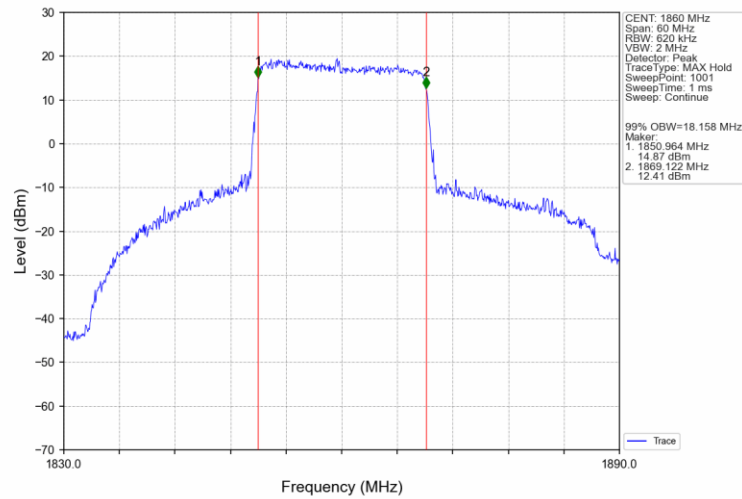
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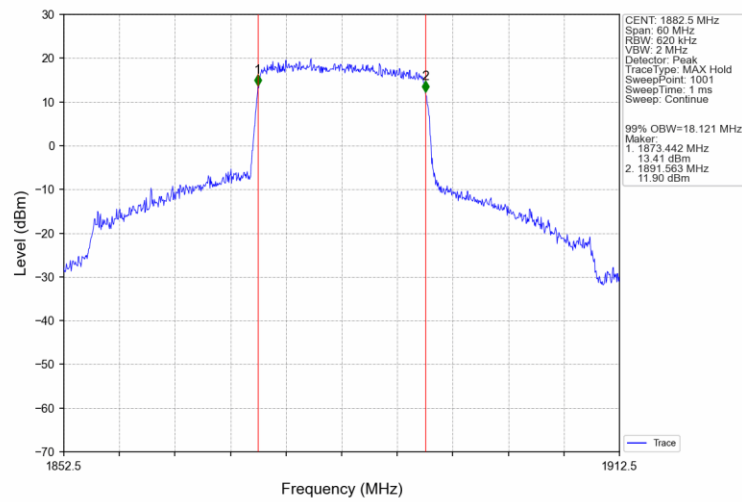
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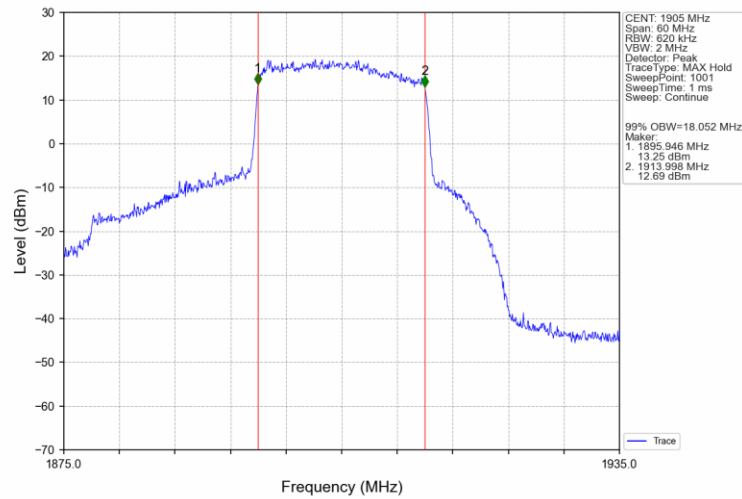
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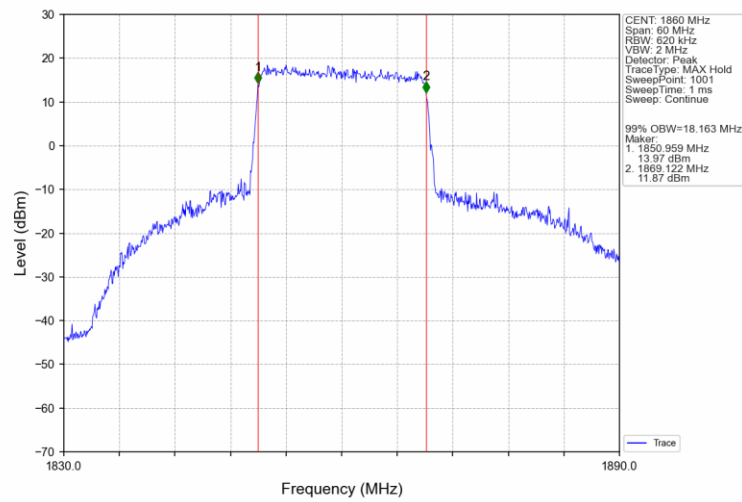
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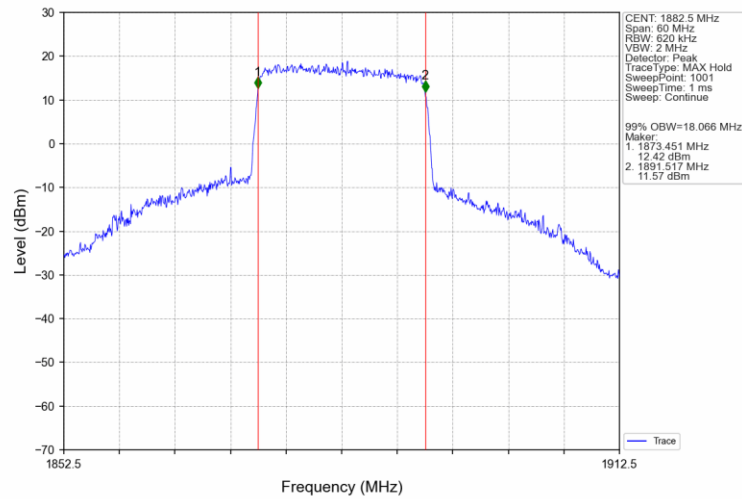
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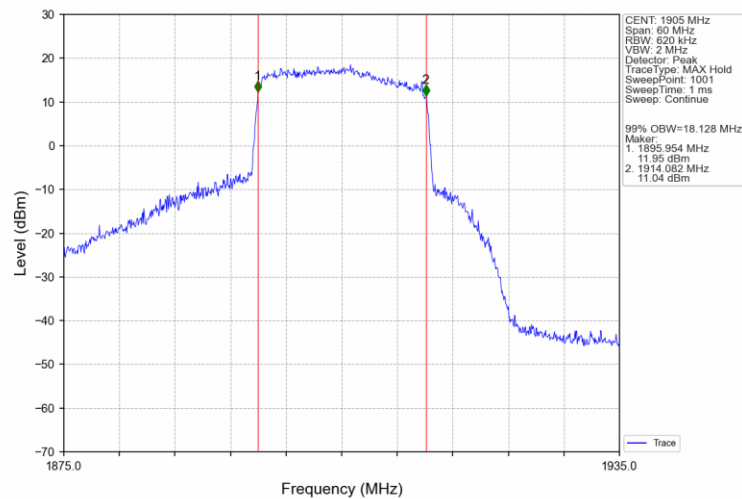
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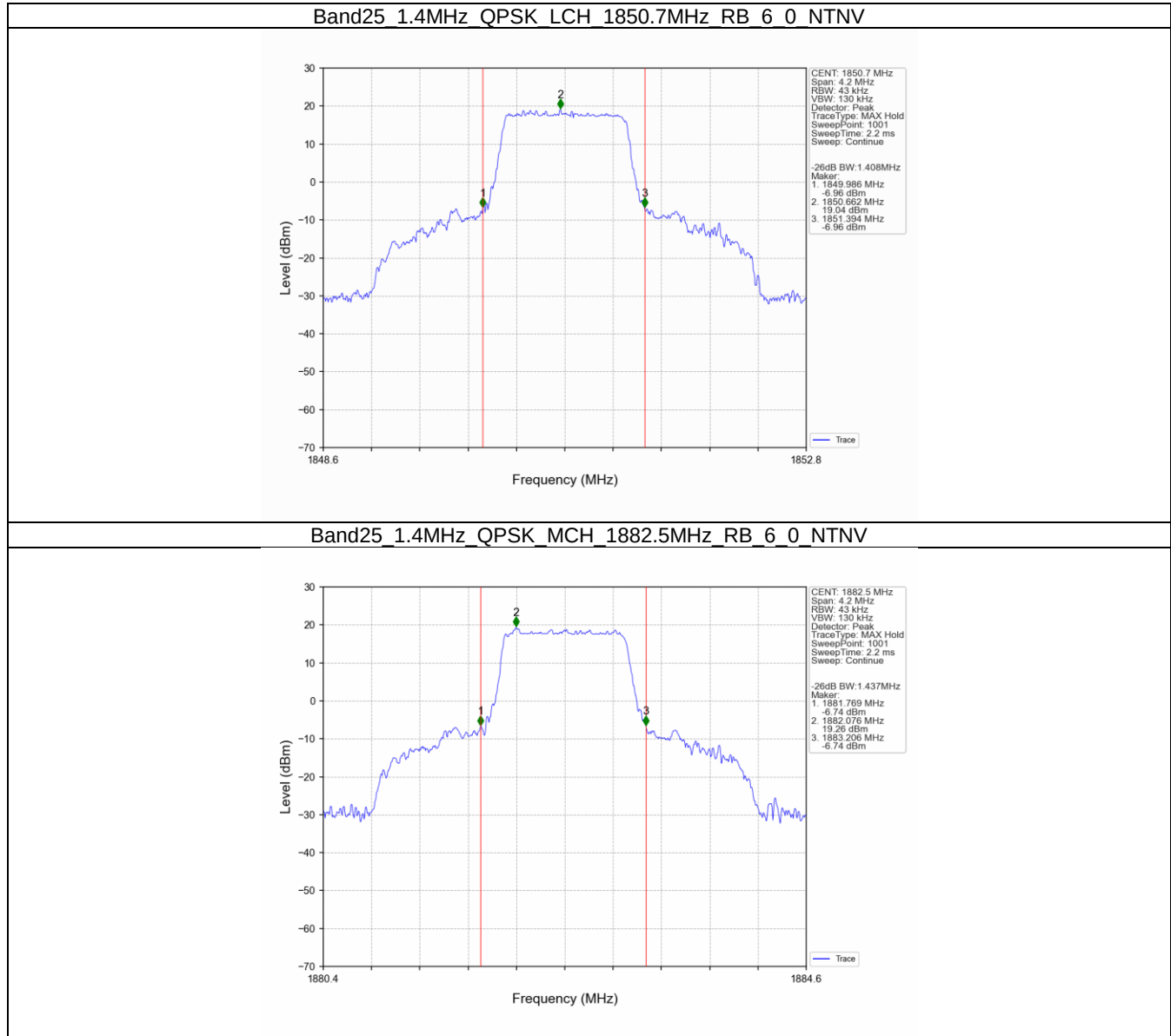
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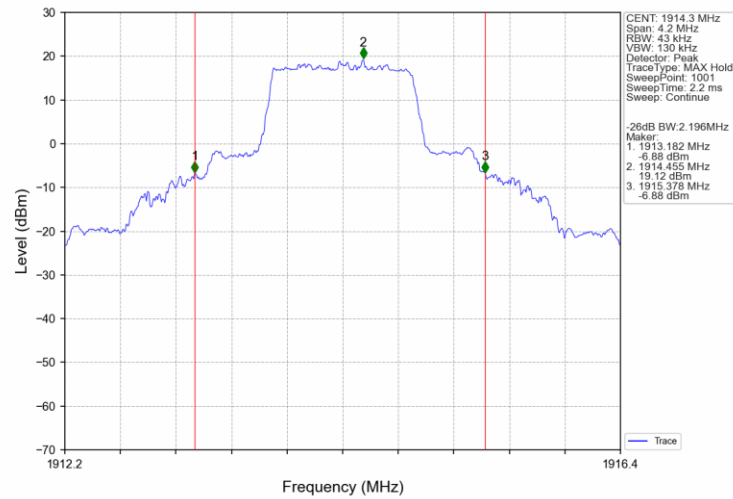
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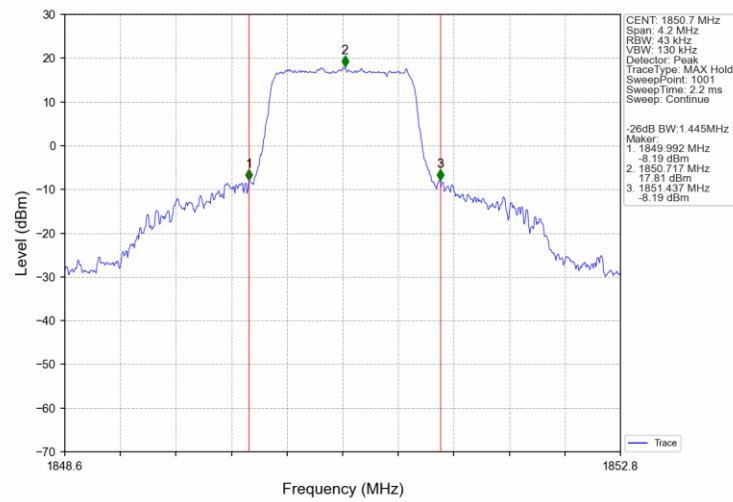
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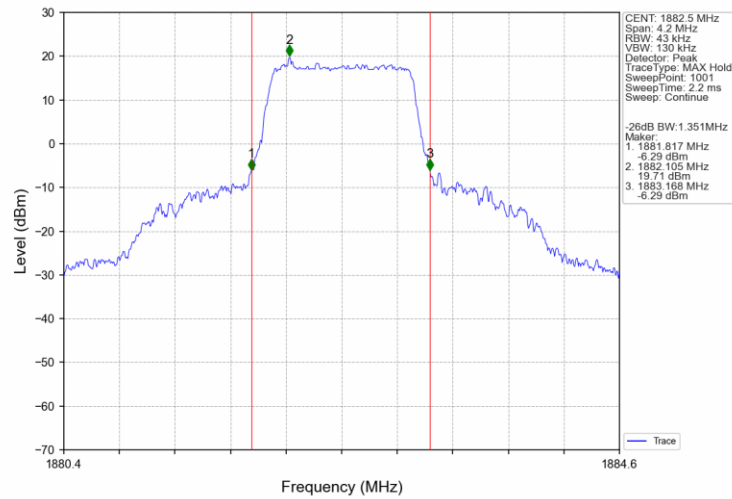
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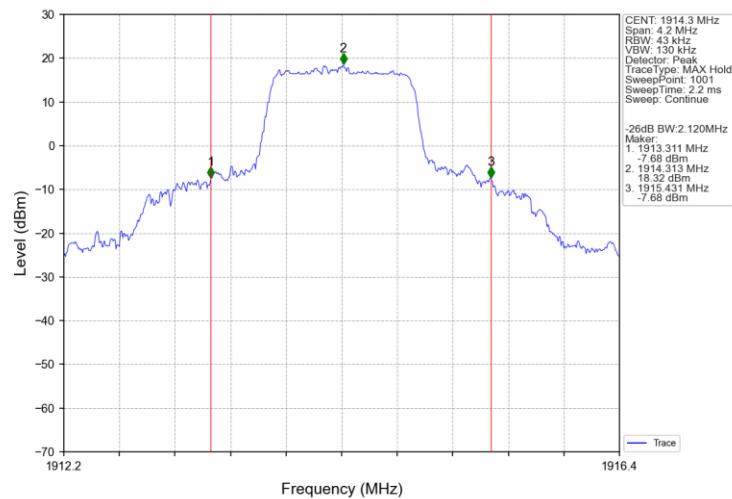
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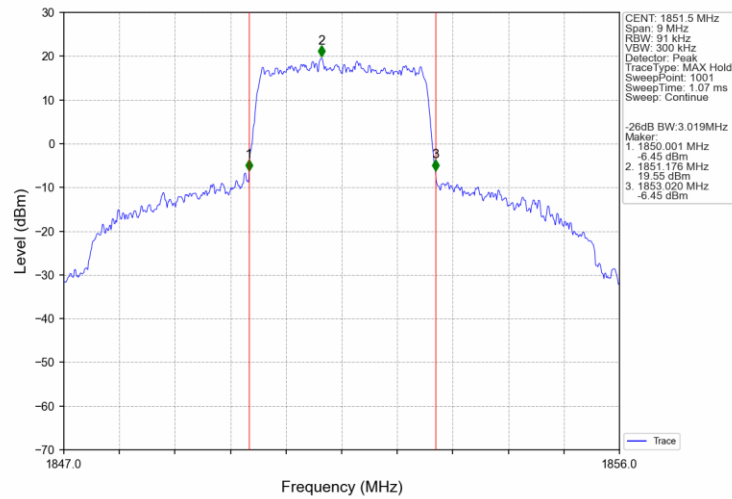
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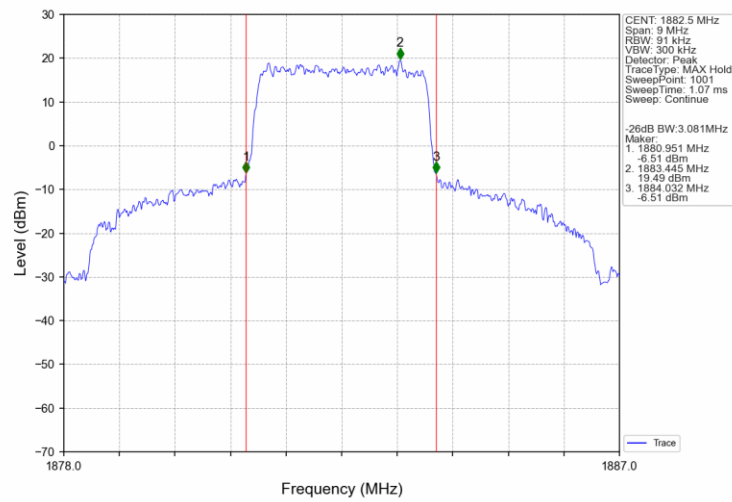
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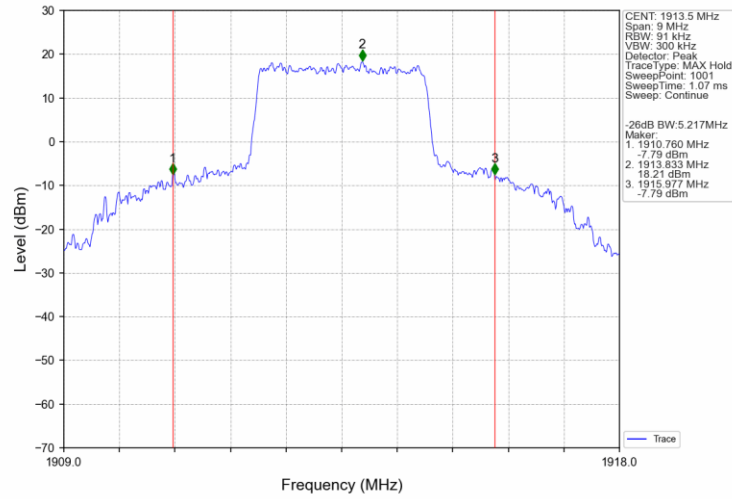
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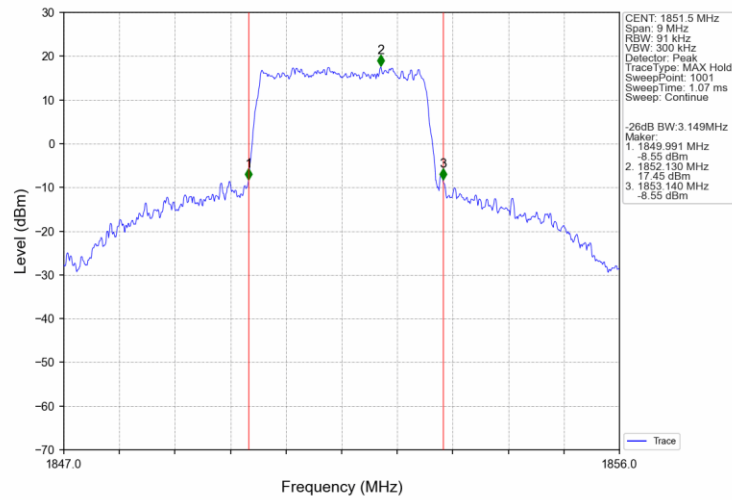
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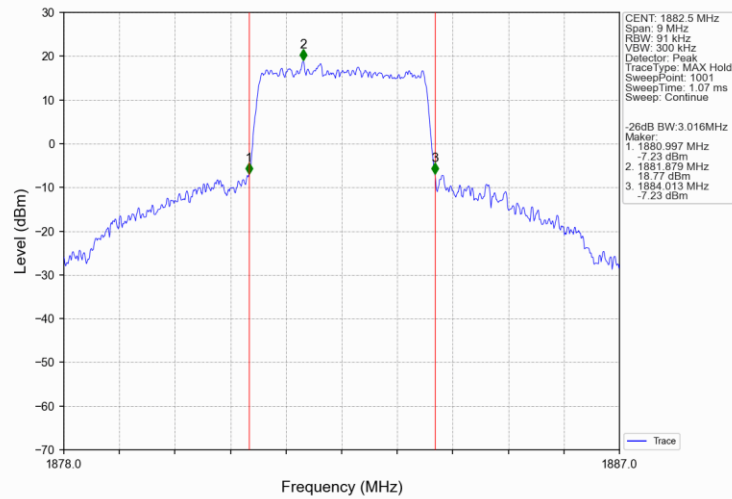
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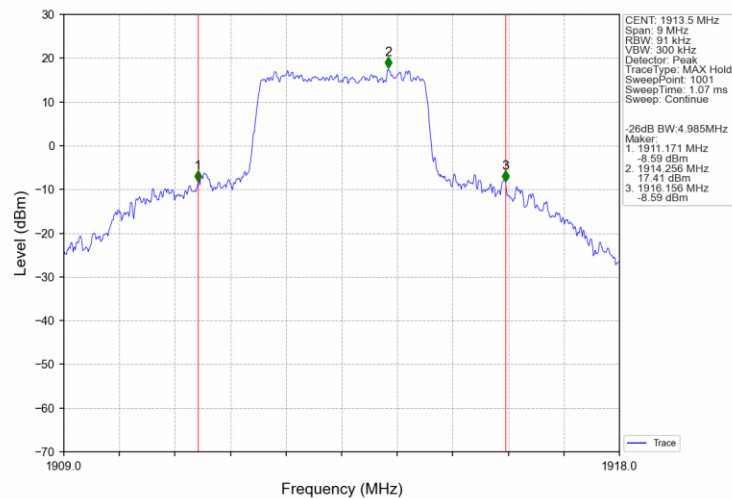
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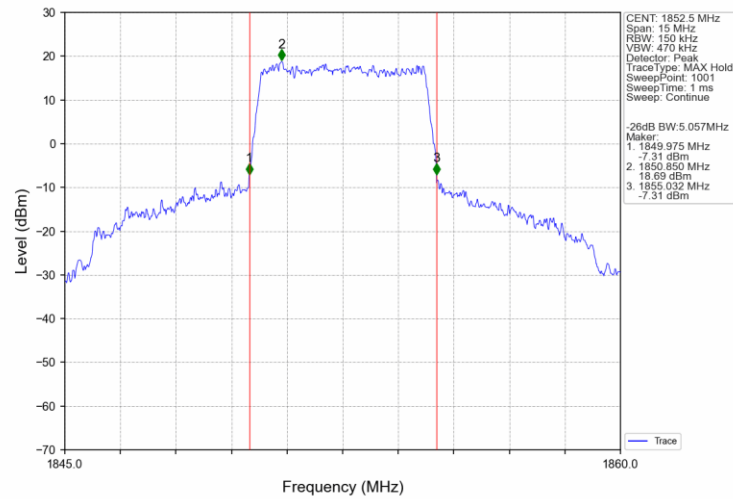
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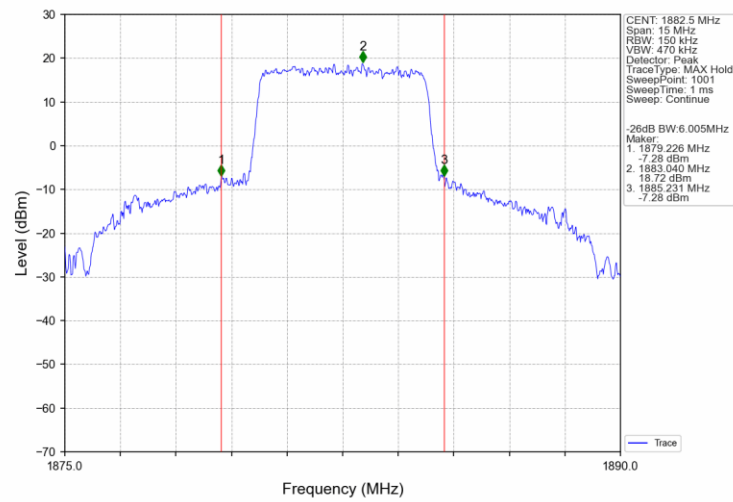
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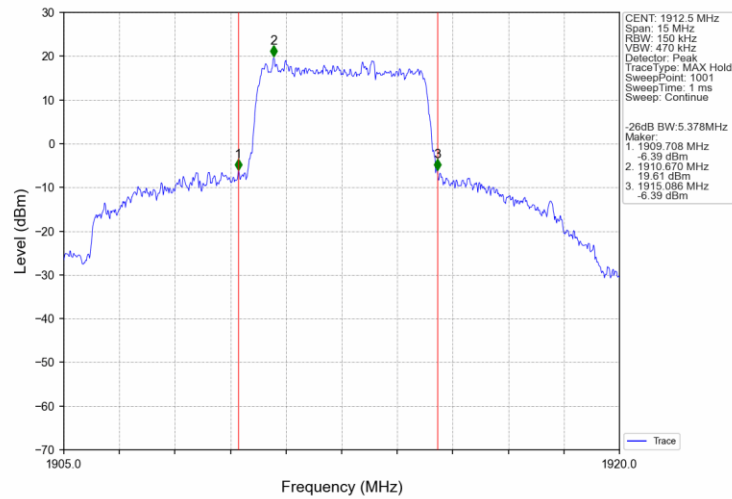
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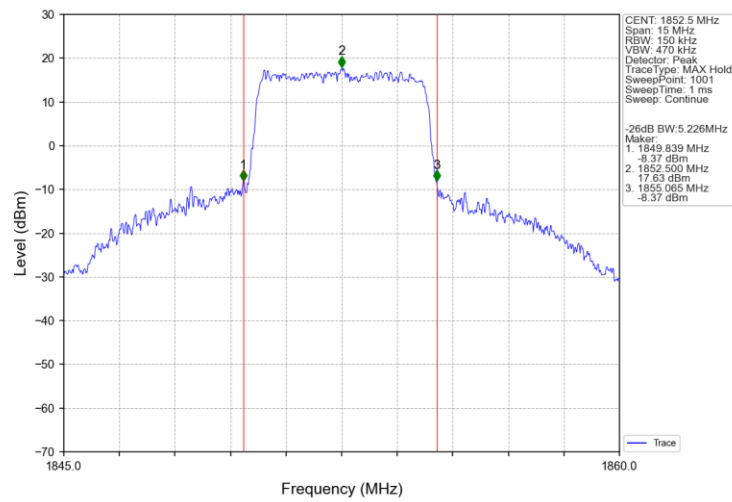
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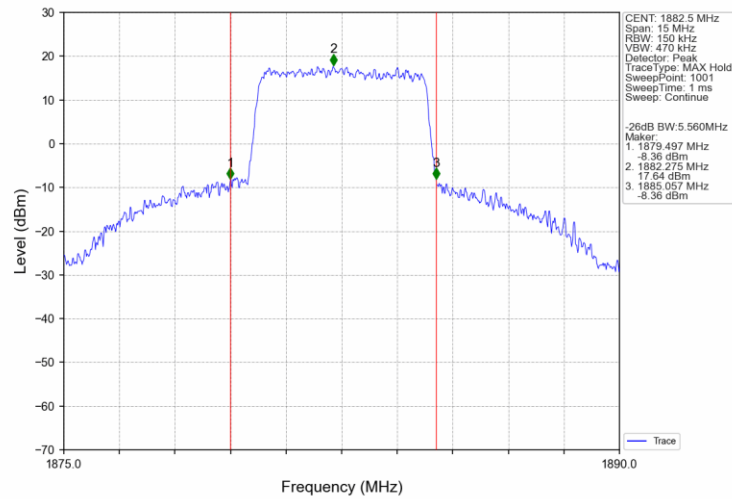
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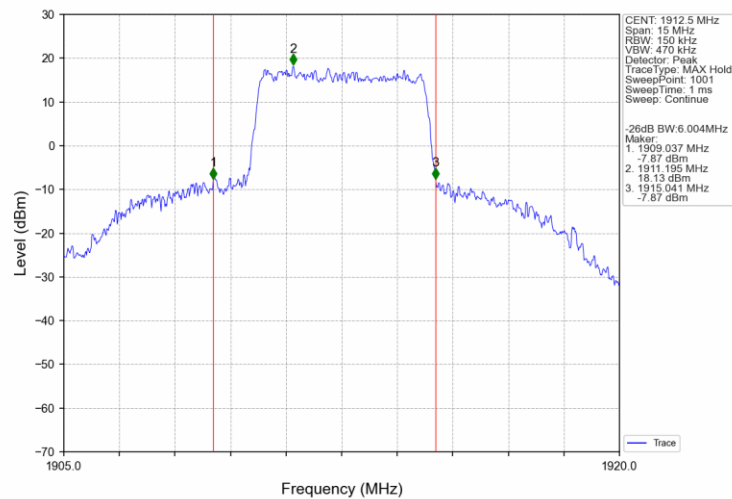
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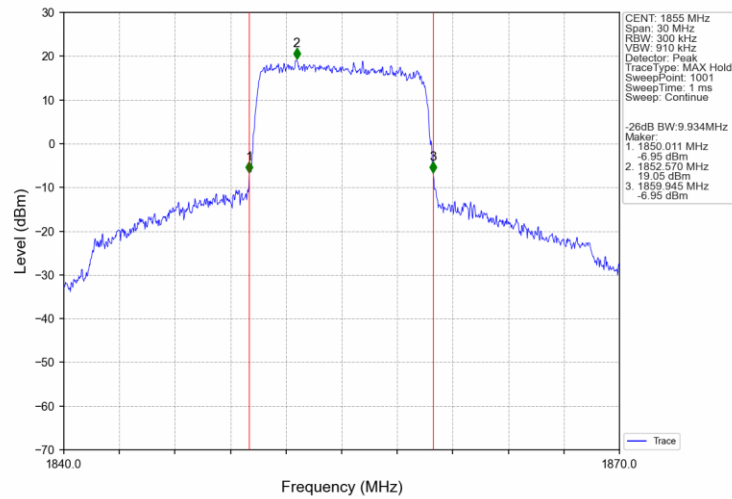
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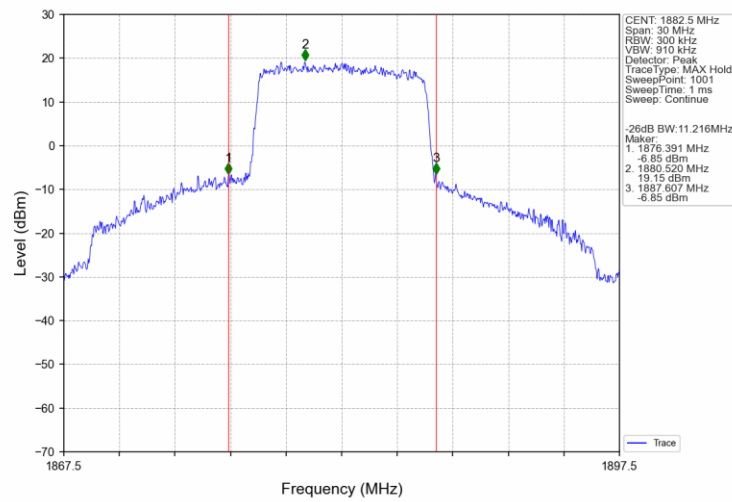
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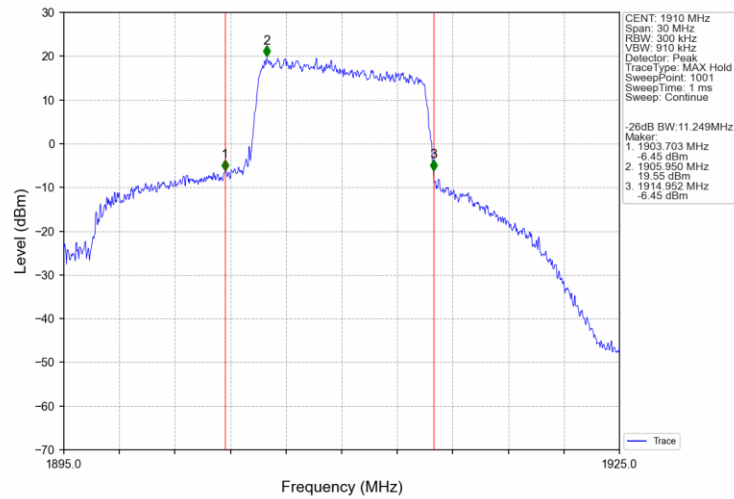
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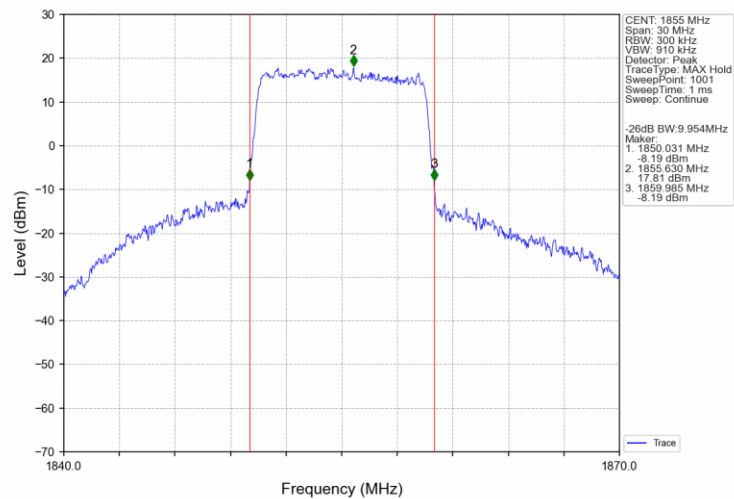
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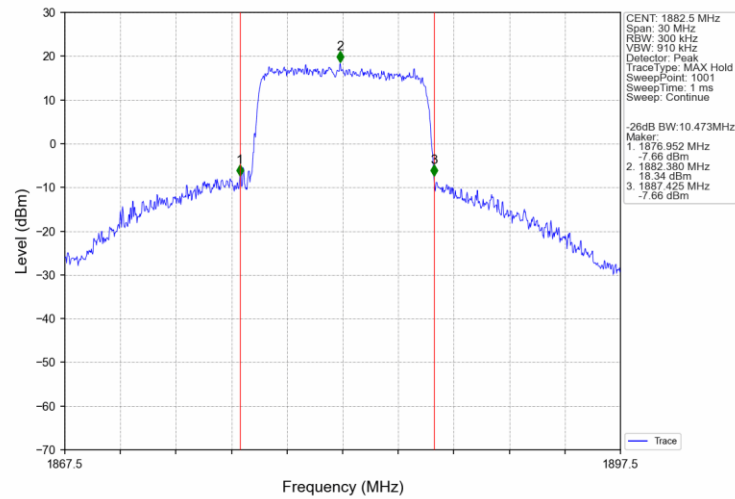
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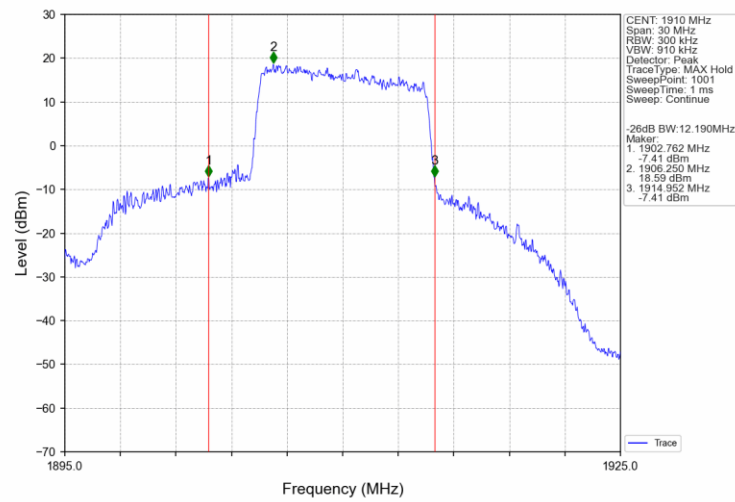
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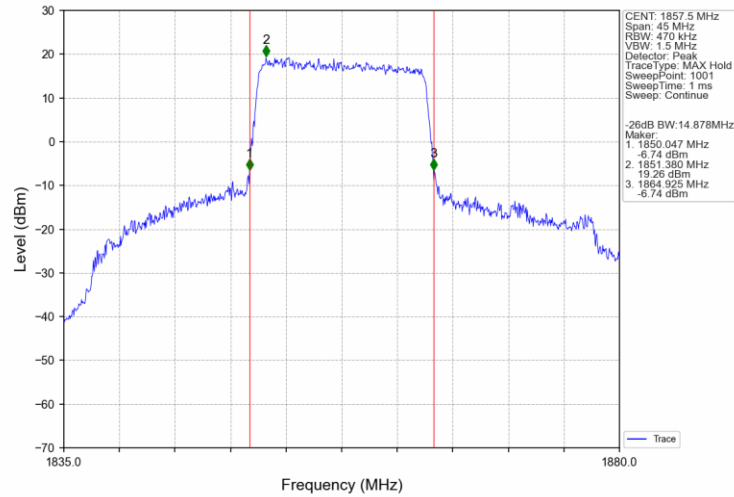
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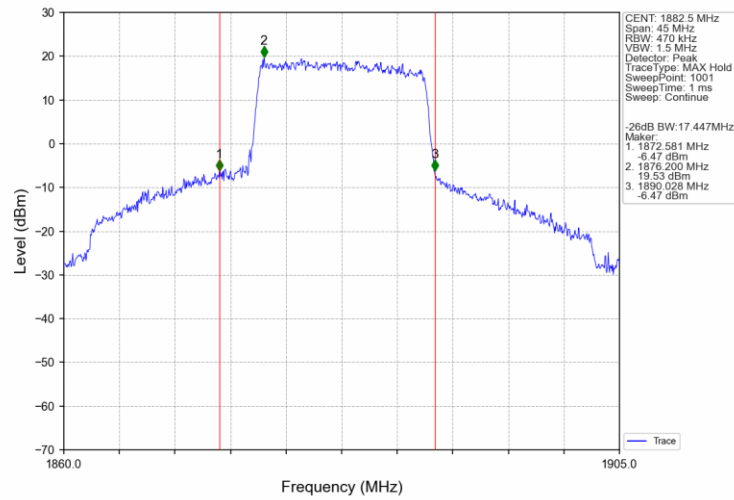
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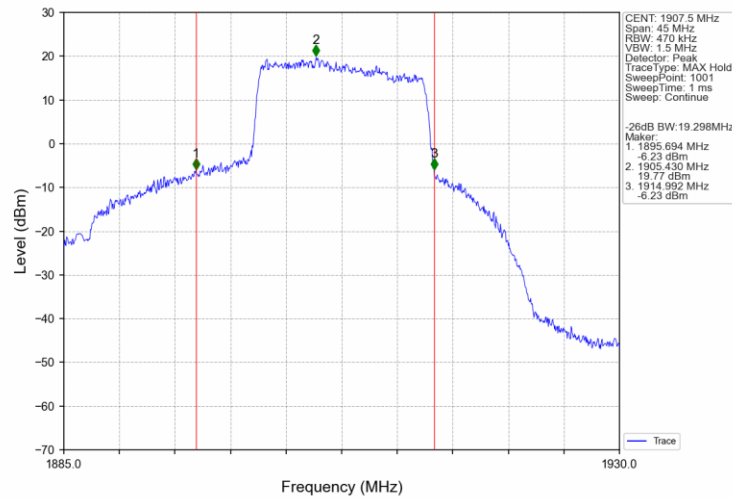
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Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTN



Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTN



Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTN

