

Appendix Test Data for LTE_band_2

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

Band: 2 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	24.22	1.20	25.42	<=33.01	Pass
			2	24.34	1.20	25.54	<=33.01	Pass
			5	24.26	1.20	25.46	<=33.01	Pass
		3	0	24.28	1.20	25.48	<=33.01	Pass
			2	24.31	1.20	25.51	<=33.01	Pass
			3	24.27	1.20	25.47	<=33.01	Pass
		6	0	23.36	1.20	24.56	<=33.01	Pass
	1880	1	0	24.33	1.20	25.53	<=33.01	Pass
			2	24.39	1.20	25.59	<=33.01	Pass
			5	24.29	1.20	25.49	<=33.01	Pass
		3	0	24.37	1.20	25.57	<=33.01	Pass
			2	24.41	1.20	25.61	<=33.01	Pass
			3	24.38	1.20	25.58	<=33.01	Pass
		6	0	23.46	1.20	24.66	<=33.01	Pass
	1909.3	1	0	24.30	1.20	25.50	<=33.01	Pass
			2	24.43	1.20	25.63	<=33.01	Pass
			5	24.31	1.20	25.51	<=33.01	Pass
		3	0	24.28	1.20	25.48	<=33.01	Pass
			2	24.31	1.20	25.51	<=33.01	Pass
			3	24.29	1.20	25.49	<=33.01	Pass
		6	0	23.36	1.20	24.56	<=33.01	Pass
16QAM	1850.7	1	0	23.41	1.20	24.61	<=33.01	Pass
			2	23.51	1.20	24.71	<=33.01	Pass
			5	23.36	1.20	24.56	<=33.01	Pass
		3	0	23.23	1.20	24.43	<=33.01	Pass
			2	23.28	1.20	24.48	<=33.01	Pass
			3	23.25	1.20	24.45	<=33.01	Pass
		6	0	22.32	1.20	23.52	<=33.01	Pass
	1880	1	0	23.31	1.20	24.51	<=33.01	Pass
			2	23.43	1.20	24.63	<=33.01	Pass
			5	23.34	1.20	24.54	<=33.01	Pass
		3	0	23.57	1.20	24.77	<=33.01	Pass
			2	23.59	1.20	24.79	<=33.01	Pass
			3	23.57	1.20	24.77	<=33.01	Pass
		6	0	22.41	1.20	23.61	<=33.01	Pass
	1909.3	1	0	23.24	1.20	24.44	<=33.01	Pass
			2	23.33	1.20	24.53	<=33.01	Pass
			5	23.26	1.20	24.46	<=33.01	Pass
		3	0	23.28	1.20	24.48	<=33.01	Pass
			2	23.29	1.20	24.49	<=33.01	Pass
			3	23.25	1.20	24.45	<=33.01	Pass
		6	0	22.28	1.20	23.48	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	24.36	1.20	25.56	<=33.01	Pass
			7	24.49	1.20	25.69	<=33.01	Pass
			14	24.35	1.20	25.55	<=33.01	Pass
		8	0	23.37	1.20	24.57	<=33.01	Pass
			4	23.38	1.20	24.58	<=33.01	Pass
			7	23.34	1.20	24.54	<=33.01	Pass
		15	0	23.33	1.20	24.53	<=33.01	Pass
	1880	1	0	24.44	1.20	25.64	<=33.01	Pass
			7	24.57	1.20	25.77	<=33.01	Pass
			14	24.41	1.20	25.61	<=33.01	Pass
		8	0	23.50	1.20	24.70	<=33.01	Pass
			4	23.51	1.20	24.71	<=33.01	Pass
			7	23.47	1.20	24.67	<=33.01	Pass
		15	0	23.47	1.20	24.67	<=33.01	Pass
	1908.5	1	0	24.37	1.20	25.57	<=33.01	Pass
			7	24.55	1.20	25.75	<=33.01	Pass
			14	24.40	1.20	25.60	<=33.01	Pass
		8	0	23.42	1.20	24.62	<=33.01	Pass
			4	23.45	1.20	24.65	<=33.01	Pass
			7	23.40	1.20	24.60	<=33.01	Pass
		15	0	23.38	1.20	24.58	<=33.01	Pass
16QAM	1851.5	1	0	23.35	1.20	24.55	<=33.01	Pass
			7	23.50	1.20	24.70	<=33.01	Pass
			14	23.37	1.20	24.57	<=33.01	Pass
		8	0	22.38	1.20	23.58	<=33.01	Pass
			4	22.43	1.20	23.63	<=33.01	Pass
			7	22.37	1.20	23.57	<=33.01	Pass
		15	0	22.35	1.20	23.55	<=33.01	Pass
	1880	1	0	23.61	1.20	24.81	<=33.01	Pass
			7	23.75	1.20	24.95	<=33.01	Pass
			14	23.59	1.20	24.79	<=33.01	Pass
		8	0	22.44	1.20	23.64	<=33.01	Pass
			4	22.48	1.20	23.68	<=33.01	Pass
			7	22.44	1.20	23.64	<=33.01	Pass
		15	0	22.43	1.20	23.63	<=33.01	Pass
	1908.5	1	0	23.83	1.20	25.03	<=33.01	Pass
			7	23.98	1.20	25.18	<=33.01	Pass
			14	23.76	1.20	24.96	<=33.01	Pass
		8	0	22.57	1.20	23.77	<=33.01	Pass
			4	22.62	1.20	23.82	<=33.01	Pass
			7	22.55	1.20	23.75	<=33.01	Pass
		15	0	22.45	1.20	23.65	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B2_5MHz_EIRP

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	24.22	1.20	25.42	<=33.01	Pass
			13	24.39	1.20	25.59	<=33.01	Pass
			24	24.25	1.20	25.45	<=33.01	Pass
		12	0	23.32	1.20	24.52	<=33.01	Pass
			6	23.37	1.20	24.57	<=33.01	Pass
			13	23.34	1.20	24.54	<=33.01	Pass
		25	0	23.33	1.20	24.53	<=33.01	Pass
	1880	1	0	24.35	1.20	25.55	<=33.01	Pass
			13	24.52	1.20	25.72	<=33.01	Pass
			24	24.36	1.20	25.56	<=33.01	Pass
		12	0	23.46	1.20	24.66	<=33.01	Pass
			6	23.52	1.20	24.72	<=33.01	Pass
			13	23.47	1.20	24.67	<=33.01	Pass
		25	0	23.48	1.20	24.68	<=33.01	Pass
	1907.5	1	0	24.26	1.20	25.46	<=33.01	Pass
			13	24.44	1.20	25.64	<=33.01	Pass
			24	24.31	1.20	25.51	<=33.01	Pass
		12	0	23.41	1.20	24.61	<=33.01	Pass
			6	23.42	1.20	24.62	<=33.01	Pass
			13	23.35	1.20	24.55	<=33.01	Pass
		25	0	23.37	1.20	24.57	<=33.01	Pass
16QAM	1852.5	1	0	23.32	1.20	24.52	<=33.01	Pass
			13	23.50	1.20	24.70	<=33.01	Pass
			24	23.36	1.20	24.56	<=33.01	Pass
		12	0	22.25	1.20	23.45	<=33.01	Pass
			6	22.31	1.20	23.51	<=33.01	Pass
			13	22.28	1.20	23.48	<=33.01	Pass
		25	0	22.30	1.20	23.50	<=33.01	Pass
	1880	1	0	23.63	1.20	24.83	<=33.01	Pass
			13	23.75	1.20	24.95	<=33.01	Pass
			24	23.63	1.20	24.83	<=33.01	Pass
		12	0	22.44	1.20	23.64	<=33.01	Pass
			6	22.55	1.20	23.75	<=33.01	Pass
			13	22.41	1.20	23.61	<=33.01	Pass
		25	0	22.43	1.20	23.63	<=33.01	Pass
	1907.5	1	0	23.12	1.20	24.32	<=33.01	Pass
			13	23.26	1.20	24.46	<=33.01	Pass
			24	23.13	1.20	24.33	<=33.01	Pass
		12	0	22.38	1.20	23.58	<=33.01	Pass
			6	22.42	1.20	23.62	<=33.01	Pass
			13	22.35	1.20	23.55	<=33.01	Pass
		25	0	22.45	1.20	23.65	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.29	1.20	25.49	<=33.01	Pass
			25	24.53	1.20	25.73	<=33.01	Pass
			49	24.37	1.20	25.57	<=33.01	Pass
		25	0	23.35	1.20	24.55	<=33.01	Pass
			13	23.39	1.20	24.59	<=33.01	Pass
			25	23.38	1.20	24.58	<=33.01	Pass
		50	0	23.36	1.20	24.56	<=33.01	Pass
			0	24.35	1.20	25.55	<=33.01	Pass
			25	24.58	1.20	25.78	<=33.01	Pass
	1880	1	49	24.38	1.20	25.58	<=33.01	Pass
			0	23.51	1.20	24.71	<=33.01	Pass
			13	23.49	1.20	24.69	<=33.01	Pass
		25	25	23.48	1.20	24.68	<=33.01	Pass
			0	23.46	1.20	24.66	<=33.01	Pass
			0	24.39	1.20	25.59	<=33.01	Pass
		25	25	24.52	1.20	25.72	<=33.01	Pass
			49	24.39	1.20	25.59	<=33.01	Pass
			0	23.46	1.20	24.66	<=33.01	Pass
	1905	25	13	23.39	1.20	24.59	<=33.01	Pass
			25	23.35	1.20	24.55	<=33.01	Pass
			0	23.39	1.20	24.59	<=33.01	Pass
16QAM	1855	1	0	23.29	1.20	24.49	<=33.01	Pass
			25	23.52	1.20	24.72	<=33.01	Pass
			49	23.38	1.20	24.58	<=33.01	Pass
		25	0	22.39	1.20	23.59	<=33.01	Pass
			13	22.48	1.20	23.68	<=33.01	Pass
			25	22.43	1.20	23.63	<=33.01	Pass
		50	0	22.35	1.20	23.55	<=33.01	Pass
			0	23.56	1.20	24.76	<=33.01	Pass
			25	23.72	1.20	24.92	<=33.01	Pass
	1880	1	49	23.57	1.20	24.77	<=33.01	Pass
			0	22.48	1.20	23.68	<=33.01	Pass
			13	22.50	1.20	23.70	<=33.01	Pass
		25	25	22.48	1.20	23.68	<=33.01	Pass
			0	22.45	1.20	23.65	<=33.01	Pass
			0	23.79	1.20	24.99	<=33.01	Pass
		25	25	24.01	1.20	25.21	<=33.01	Pass
			49	23.83	1.20	25.03	<=33.01	Pass
			0	22.58	1.20	23.78	<=33.01	Pass
	1905	25	13	22.47	1.20	23.67	<=33.01	Pass
			25	22.42	1.20	23.62	<=33.01	Pass
			0	22.42	1.20	23.62	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	24.22	1.20	25.42	<=33.01	Pass
			38	24.41	1.20	25.61	<=33.01	Pass
			74	24.29	1.20	25.49	<=33.01	Pass
		36	0	23.38	1.20	24.58	<=33.01	Pass
			18	23.46	1.20	24.66	<=33.01	Pass
			39	23.51	1.20	24.71	<=33.01	Pass
		75	0	23.47	1.20	24.67	<=33.01	Pass
	1880	1	0	24.31	1.20	25.51	<=33.01	Pass
			38	24.48	1.20	25.68	<=33.01	Pass
			74	24.33	1.20	25.53	<=33.01	Pass
		36	0	23.55	1.20	24.75	<=33.01	Pass
			18	23.57	1.20	24.77	<=33.01	Pass
			39	23.57	1.20	24.77	<=33.01	Pass
		75	0	23.56	1.20	24.76	<=33.01	Pass
	1902.5	1	0	24.25	1.20	25.45	<=33.01	Pass
			38	24.41	1.20	25.61	<=33.01	Pass
			74	24.32	1.20	25.52	<=33.01	Pass
		36	0	23.52	1.20	24.72	<=33.01	Pass
			18	23.49	1.20	24.69	<=33.01	Pass
			39	23.45	1.20	24.65	<=33.01	Pass
		75	0	23.48	1.20	24.68	<=33.01	Pass
16QAM	1857.5	1	0	23.53	1.20	24.73	<=33.01	Pass
			38	23.75	1.20	24.95	<=33.01	Pass
			74	23.65	1.20	24.85	<=33.01	Pass
		36	0	22.31	1.20	23.51	<=33.01	Pass
			18	22.40	1.20	23.60	<=33.01	Pass
			39	22.40	1.20	23.60	<=33.01	Pass
		75	0	22.39	1.20	23.59	<=33.01	Pass
	1880	1	0	23.51	1.20	24.71	<=33.01	Pass
			38	23.67	1.20	24.87	<=33.01	Pass
			74	23.51	1.20	24.71	<=33.01	Pass
		36	0	22.47	1.20	23.67	<=33.01	Pass
			18	22.50	1.20	23.70	<=33.01	Pass
			39	22.54	1.20	23.74	<=33.01	Pass
		75	0	22.53	1.20	23.73	<=33.01	Pass
	1902.5	1	0	23.81	1.20	25.01	<=33.01	Pass
			38	23.90	1.20	25.10	<=33.01	Pass
			74	23.78	1.20	24.98	<=33.01	Pass
		36	0	22.53	1.20	23.73	<=33.01	Pass
			18	22.50	1.20	23.70	<=33.01	Pass
			39	22.38	1.20	23.58	<=33.01	Pass
		75	0	22.47	1.20	23.67	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.02	1.20	25.22	<=33.01	Pass
			50	24.54	1.20	25.74	<=33.01	Pass
			99	24.14	1.20	25.34	<=33.01	Pass
		50	0	23.36	1.20	24.56	<=33.01	Pass
			25	23.44	1.20	24.64	<=33.01	Pass
			50	23.36	1.20	24.56	<=33.01	Pass
		100	0	23.38	1.20	24.58	<=33.01	Pass
			50	23.38	1.20	24.58	<=33.01	Pass
			99	23.38	1.20	24.58	<=33.01	Pass
	1880	1	0	24.15	1.20	25.35	<=33.01	Pass
			50	24.65	1.20	25.85	<=33.01	Pass
			99	24.17	1.20	25.37	<=33.01	Pass
		50	0	23.45	1.20	24.65	<=33.01	Pass
			25	23.50	1.20	24.70	<=33.01	Pass
			50	23.48	1.20	24.68	<=33.01	Pass
		100	0	23.46	1.20	24.66	<=33.01	Pass
			50	23.46	1.20	24.66	<=33.01	Pass
			99	23.46	1.20	24.66	<=33.01	Pass
	1900	1	0	24.14	1.20	25.34	<=33.01	Pass
			50	24.59	1.20	25.79	<=33.01	Pass
			99	24.18	1.20	25.38	<=33.01	Pass
		50	0	23.39	1.20	24.59	<=33.01	Pass
			25	23.39	1.20	24.59	<=33.01	Pass
			50	23.18	1.20	24.38	<=33.01	Pass
		100	0	23.34	1.20	24.54	<=33.01	Pass
			50	23.34	1.20	24.54	<=33.01	Pass
			99	23.34	1.20	24.54	<=33.01	Pass
16QAM	1860	1	0	23.55	1.20	24.75	<=33.01	Pass
			50	24.08	1.20	25.28	<=33.01	Pass
			99	23.70	1.20	24.90	<=33.01	Pass
		50	0	22.34	1.20	23.54	<=33.01	Pass
			25	22.42	1.20	23.62	<=33.01	Pass
			50	22.32	1.20	23.52	<=33.01	Pass
		100	0	22.36	1.20	23.56	<=33.01	Pass
			50	22.36	1.20	23.56	<=33.01	Pass
			99	22.36	1.20	23.56	<=33.01	Pass
	1880	1	0	23.38	1.20	24.58	<=33.01	Pass
			50	23.84	1.20	25.04	<=33.01	Pass
			99	23.38	1.20	24.58	<=33.01	Pass
		50	0	22.43	1.20	23.63	<=33.01	Pass
			25	22.49	1.20	23.69	<=33.01	Pass
			50	22.47	1.20	23.67	<=33.01	Pass
		100	0	22.46	1.20	23.66	<=33.01	Pass
			50	22.46	1.20	23.66	<=33.01	Pass
			99	22.46	1.20	23.66	<=33.01	Pass
	1900	1	0	23.43	1.20	24.63	<=33.01	Pass
			50	23.82	1.20	25.02	<=33.01	Pass
			99	23.37	1.20	24.57	<=33.01	Pass
		50	0	22.40	1.20	23.60	<=33.01	Pass
			25	22.41	1.20	23.61	<=33.01	Pass
			50	22.22	1.20	23.42	<=33.01	Pass
		100	0	22.40	1.20	23.60	<=33.01	Pass
			50	22.40	1.20	23.60	<=33.01	Pass
			99	22.40	1.20	23.60	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.23	-0.715	-0.0004	-2.5 to 2.5	Pass
					3.80	-4.535	-0.0025	-2.5 to 2.5	Pass
					4.37	-1.016	-0.0005	-2.5 to 2.5	Pass
				-30	3.80	-0.958	-0.0005	-2.5 to 2.5	Pass
				-20	3.80	-3.977	-0.0021	-2.5 to 2.5	Pass
				-10	3.80	-5.322	-0.0029	-2.5 to 2.5	Pass
				0	3.80	0.930	0.0005	-2.5 to 2.5	Pass
				10	3.80	-4.721	-0.0026	-2.5 to 2.5	Pass
				30	3.80	-4.778	-0.0026	-2.5 to 2.5	Pass
				40	3.80	-5.608	-0.0030	-2.5 to 2.5	Pass
				50	3.80	-6.037	-0.0033	-2.5 to 2.5	Pass
	1880	6	0	20	3.23	-17.767	-0.0095	-2.5 to 2.5	Pass
					3.80	-10.042	-0.0053	-2.5 to 2.5	Pass
					4.37	-5.722	-0.0030	-2.5 to 2.5	Pass
				-30	3.80	-5.450	-0.0029	-2.5 to 2.5	Pass
				-20	3.80	-6.123	-0.0033	-2.5 to 2.5	Pass
				-10	3.80	-8.783	-0.0047	-2.5 to 2.5	Pass
				0	3.80	-6.752	-0.0036	-2.5 to 2.5	Pass
				10	3.80	-8.211	-0.0044	-2.5 to 2.5	Pass
				30	3.80	-4.177	-0.0022	-2.5 to 2.5	Pass
				40	3.80	-5.851	-0.0031	-2.5 to 2.5	Pass
				50	3.80	-6.609	-0.0035	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.23	-20.742	-0.0109	-2.5 to 2.5	Pass
					3.80	-11.158	-0.0058	-2.5 to 2.5	Pass
					4.37	-1.674	-0.0009	-2.5 to 2.5	Pass
				-30	3.80	-3.819	-0.0020	-2.5 to 2.5	Pass
				-20	3.80	-6.380	-0.0033	-2.5 to 2.5	Pass
				-10	3.80	-3.347	-0.0018	-2.5 to 2.5	Pass
				0	3.80	-6.623	-0.0035	-2.5 to 2.5	Pass
				10	3.80	-8.340	-0.0044	-2.5 to 2.5	Pass
				30	3.80	-8.626	-0.0045	-2.5 to 2.5	Pass
				40	3.80	-7.238	-0.0038	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.23	-6.008	-0.0032	-2.5 to 2.5	Pass
					3.80	-5.322	-0.0029	-2.5 to 2.5	Pass
					4.37	-10.486	-0.0057	-2.5 to 2.5	Pass
				-30	3.80	-14.677	-0.0079	-2.5 to 2.5	Pass
				-20	3.80	-8.326	-0.0045	-2.5 to 2.5	Pass
				-10	3.80	-6.065	-0.0033	-2.5 to 2.5	Pass
				0	3.80	-10.171	-0.0055	-2.5 to 2.5	Pass
				10	3.80	-7.138	-0.0039	-2.5 to 2.5	Pass
				30	3.80	-6.194	-0.0033	-2.5 to 2.5	Pass
				40	3.80	-11.802	-0.0064	-2.5 to 2.5	Pass
				50	3.80	-7.081	-0.0038	-2.5 to 2.5	Pass
	1880	6	0	20	3.23	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.80	-9.985	-0.0053	-2.5 to 2.5	Pass
					4.37	-8.512	-0.0045	-2.5 to 2.5	Pass
				-30	3.80	-3.819	-0.0020	-2.5 to 2.5	Pass
				-20	3.80	-6.924	-0.0037	-2.5 to 2.5	Pass
				-10	3.80	-8.183	-0.0044	-2.5 to 2.5	Pass

				0	3.80	-5.879	-0.0031	-2.5 to 2.5	Pass
				10	3.80	-12.016	-0.0064	-2.5 to 2.5	Pass
				30	3.80	-6.266	-0.0033	-2.5 to 2.5	Pass
				40	3.80	-7.854	-0.0042	-2.5 to 2.5	Pass
				50	3.80	-10.629	-0.0057	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.23	-1.988	-0.0010	-2.5 to 2.5	Pass
					3.80	-11.473	-0.0060	-2.5 to 2.5	Pass
					4.37	-8.311	-0.0044	-2.5 to 2.5	Pass
				-30	3.80	-5.107	-0.0027	-2.5 to 2.5	Pass
				-20	3.80	-17.667	-0.0093	-2.5 to 2.5	Pass
				-10	3.80	-11.516	-0.0060	-2.5 to 2.5	Pass
				0	3.80	-4.091	-0.0021	-2.5 to 2.5	Pass
				10	3.80	-12.803	-0.0067	-2.5 to 2.5	Pass
				30	3.80	-6.752	-0.0035	-2.5 to 2.5	Pass
				40	3.80	-21.615	-0.0113	-2.5 to 2.5	Pass
				50	3.80	-12.131	-0.0064	-2.5 to 2.5	Pass

2.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.23	-0.415	-0.0002	-2.5 to 2.5	Pass
					3.80	-4.134	-0.0022	-2.5 to 2.5	Pass
					4.37	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.80	-0.172	-0.0001	-2.5 to 2.5	Pass
				-20	3.80	-3.519	-0.0019	-2.5 to 2.5	Pass
				-10	3.80	-5.178	-0.0028	-2.5 to 2.5	Pass
				0	3.80	0.114	0.0001	-2.5 to 2.5	Pass
				10	3.80	-4.134	-0.0022	-2.5 to 2.5	Pass
				30	3.80	-1.459	-0.0008	-2.5 to 2.5	Pass
				40	3.80	-4.878	-0.0026	-2.5 to 2.5	Pass
				50	3.80	-4.234	-0.0023	-2.5 to 2.5	Pass
	1880	15	0	20	3.23	-17.796	-0.0095	-2.5 to 2.5	Pass
					3.80	-13.876	-0.0074	-2.5 to 2.5	Pass
					4.37	-6.480	-0.0034	-2.5 to 2.5	Pass
				-30	3.80	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.80	-1.030	-0.0005	-2.5 to 2.5	Pass
				-10	3.80	-4.263	-0.0023	-2.5 to 2.5	Pass
				0	3.80	-2.789	-0.0015	-2.5 to 2.5	Pass
				10	3.80	-3.176	-0.0017	-2.5 to 2.5	Pass
				30	3.80	-0.844	-0.0004	-2.5 to 2.5	Pass
				40	3.80	-1.874	-0.0010	-2.5 to 2.5	Pass
				50	3.80	-3.705	-0.0020	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.23	-20.614	-0.0108	-2.5 to 2.5	Pass
					3.80	-22.058	-0.0116	-2.5 to 2.5	Pass
					4.37	-3.376	-0.0018	-2.5 to 2.5	Pass
				-30	3.80	-1.287	-0.0007	-2.5 to 2.5	Pass
				-20	3.80	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.80	-3.147	-0.0016	-2.5 to 2.5	Pass
				0	3.80	-2.060	-0.0011	-2.5 to 2.5	Pass
				10	3.80	-9.027	-0.0047	-2.5 to 2.5	Pass
				30	3.80	-6.537	-0.0034	-2.5 to 2.5	Pass
				40	3.80	-2.933	-0.0015	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.23	-6.480	-0.0035	-2.5 to 2.5	Pass
					3.80	-1.302	-0.0007	-2.5 to 2.5	Pass
					4.37	-8.011	-0.0043	-2.5 to 2.5	Pass
				-30	3.80	-7.796	-0.0042	-2.5 to 2.5	Pass
				-20	3.80	-8.769	-0.0047	-2.5 to 2.5	Pass
				-10	3.80	-6.680	-0.0036	-2.5 to 2.5	Pass
				0	3.80	-11.902	-0.0064	-2.5 to 2.5	Pass
				10	3.80	-18.311	-0.0099	-2.5 to 2.5	Pass
				30	3.80	-10.915	-0.0059	-2.5 to 2.5	Pass
				40	3.80	-7.539	-0.0041	-2.5 to 2.5	Pass
				50	3.80	-15.593	-0.0084	-2.5 to 2.5	Pass
	1880	15	0	20	3.23	1.173	0.0006	-2.5 to 2.5	Pass
					3.80	0.257	0.0001	-2.5 to 2.5	Pass
					4.37	-3.004	-0.0016	-2.5 to 2.5	Pass
				-30	3.80	-5.236	-0.0028	-2.5 to 2.5	Pass
				-20	3.80	-5.951	-0.0032	-2.5 to 2.5	Pass
				-10	3.80	-5.693	-0.0030	-2.5 to 2.5	Pass
				0	3.80	-3.319	-0.0018	-2.5 to 2.5	Pass
				10	3.80	-4.778	-0.0025	-2.5 to 2.5	Pass
				30	3.80	-6.480	-0.0034	-2.5 to 2.5	Pass
				40	3.80	-5.021	-0.0027	-2.5 to 2.5	Pass
				50	3.80	-4.663	-0.0025	-2.5 to 2.5	Pass

	1908.5	15	0	20	3.23	-7.095	-0.0037	-2.5 to 2.5	Pass
					3.80	-4.292	-0.0022	-2.5 to 2.5	Pass
					4.37	-6.938	-0.0036	-2.5 to 2.5	Pass
				-30	3.80	-13.118	-0.0069	-2.5 to 2.5	Pass
				-20	3.80	-16.379	-0.0086	-2.5 to 2.5	Pass
				-10	3.80	-9.770	-0.0051	-2.5 to 2.5	Pass
				0	3.80	-12.159	-0.0064	-2.5 to 2.5	Pass
				10	3.80	-14.877	-0.0078	-2.5 to 2.5	Pass
				30	3.80	-10.414	-0.0055	-2.5 to 2.5	Pass
				40	3.80	-3.047	-0.0016	-2.5 to 2.5	Pass
				50	3.80	-2.289	-0.0012	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.23	-7.224	-0.0039	-2.5 to 2.5	Pass
					3.80	-5.207	-0.0028	-2.5 to 2.5	Pass
					4.37	-5.407	-0.0029	-2.5 to 2.5	Pass
				-30	3.80	-6.838	-0.0037	-2.5 to 2.5	Pass
				-20	3.80	-6.766	-0.0037	-2.5 to 2.5	Pass
				-10	3.80	-5.393	-0.0029	-2.5 to 2.5	Pass
				0	3.80	-9.785	-0.0053	-2.5 to 2.5	Pass
				10	3.80	-1.287	-0.0007	-2.5 to 2.5	Pass
				30	3.80	-9.012	-0.0049	-2.5 to 2.5	Pass
				40	3.80	-8.025	-0.0043	-2.5 to 2.5	Pass
				50	3.80	-5.136	-0.0028	-2.5 to 2.5	Pass
	1880	25	0	20	3.23	-13.762	-0.0073	-2.5 to 2.5	Pass
					3.80	-16.336	-0.0087	-2.5 to 2.5	Pass
					4.37	-6.795	-0.0036	-2.5 to 2.5	Pass
				-30	3.80	-3.004	-0.0016	-2.5 to 2.5	Pass
				-20	3.80	-3.963	-0.0021	-2.5 to 2.5	Pass
				-10	3.80	-9.770	-0.0052	-2.5 to 2.5	Pass
				0	3.80	-7.753	-0.0041	-2.5 to 2.5	Pass
				10	3.80	-5.436	-0.0029	-2.5 to 2.5	Pass
				30	3.80	-6.895	-0.0037	-2.5 to 2.5	Pass
				40	3.80	-7.310	-0.0039	-2.5 to 2.5	Pass
				50	3.80	-7.238	-0.0039	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.23	-15.306	-0.0080	-2.5 to 2.5	Pass
					3.80	-8.383	-0.0044	-2.5 to 2.5	Pass
					4.37	-5.350	-0.0028	-2.5 to 2.5	Pass
				-30	3.80	-1.488	-0.0008	-2.5 to 2.5	Pass
				-20	3.80	-6.680	-0.0035	-2.5 to 2.5	Pass
				-10	3.80	-1.974	-0.0010	-2.5 to 2.5	Pass
				0	3.80	-0.544	-0.0003	-2.5 to 2.5	Pass
				10	3.80	-4.363	-0.0023	-2.5 to 2.5	Pass
				30	3.80	-3.104	-0.0016	-2.5 to 2.5	Pass
				40	3.80	-2.918	-0.0015	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.23	-5.879	-0.0032	-2.5 to 2.5	Pass
					3.80	-1.059	-0.0006	-2.5 to 2.5	Pass
					4.37	-11.501	-0.0062	-2.5 to 2.5	Pass
				-30	3.80	-5.422	-0.0029	-2.5 to 2.5	Pass
				-20	3.80	-5.593	-0.0030	-2.5 to 2.5	Pass
				-10	3.80	-5.007	-0.0027	-2.5 to 2.5	Pass
				0	3.80	-8.311	-0.0045	-2.5 to 2.5	Pass
				10	3.80	-2.446	-0.0013	-2.5 to 2.5	Pass
				30	3.80	-10.257	-0.0055	-2.5 to 2.5	Pass
				40	3.80	-13.962	-0.0075	-2.5 to 2.5	Pass
				50	3.80	-5.822	-0.0031	-2.5 to 2.5	Pass
	1880	25	0	20	3.23	-11.301	-0.0060	-2.5 to 2.5	Pass
					3.80	-5.994	-0.0032	-2.5 to 2.5	Pass
					4.37	-10.443	-0.0056	-2.5 to 2.5	Pass
				-30	3.80	-4.549	-0.0024	-2.5 to 2.5	Pass
				-20	3.80	-7.968	-0.0042	-2.5 to 2.5	Pass
				-10	3.80	-6.609	-0.0035	-2.5 to 2.5	Pass
				0	3.80	-11.945	-0.0064	-2.5 to 2.5	Pass
				10	3.80	-2.346	-0.0012	-2.5 to 2.5	Pass
				30	3.80	-10.643	-0.0057	-2.5 to 2.5	Pass
				40	3.80	-3.848	-0.0020	-2.5 to 2.5	Pass
				50	3.80	-4.191	-0.0022	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.23	-0.801	-0.0004	-2.5 to 2.5	Pass
					3.80	-2.389	-0.0013	-2.5 to 2.5	Pass
					4.37	-8.383	-0.0044	-2.5 to 2.5	Pass
				-30	3.80	-6.194	-0.0032	-2.5 to 2.5	Pass
				-20	3.80	-13.590	-0.0071	-2.5 to 2.5	Pass
				-10	3.80	-6.123	-0.0032	-2.5 to 2.5	Pass
				0	3.80	-2.832	-0.0015	-2.5 to 2.5	Pass
				10	3.80	-2.389	-0.0013	-2.5 to 2.5	Pass
				30	3.80	-4.449	-0.0023	-2.5 to 2.5	Pass
				40	3.80	-10.986	-0.0058	-2.5 to 2.5	Pass
				50	3.80	-4.935	-0.0026	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.23	-7.839	-0.0042	-2.5 to 2.5	Pass
					3.80	-3.963	-0.0021	-2.5 to 2.5	Pass
					4.37	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.80	-4.091	-0.0022	-2.5 to 2.5	Pass
				-20	3.80	-2.990	-0.0016	-2.5 to 2.5	Pass
				-10	3.80	-6.223	-0.0034	-2.5 to 2.5	Pass
				0	3.80	-5.136	-0.0028	-2.5 to 2.5	Pass
				10	3.80	-3.505	-0.0019	-2.5 to 2.5	Pass
				30	3.80	-5.507	-0.0030	-2.5 to 2.5	Pass
				40	3.80	-7.010	-0.0038	-2.5 to 2.5	Pass
				50	3.80	-4.048	-0.0022	-2.5 to 2.5	Pass
	1880	50	0	20	3.23	-17.438	-0.0093	-2.5 to 2.5	Pass
					3.80	-7.124	-0.0038	-2.5 to 2.5	Pass
					4.37	-4.964	-0.0026	-2.5 to 2.5	Pass
				-30	3.80	-7.896	-0.0042	-2.5 to 2.5	Pass
				-20	3.80	-13.375	-0.0071	-2.5 to 2.5	Pass
				-10	3.80	-5.779	-0.0031	-2.5 to 2.5	Pass
				0	3.80	-11.573	-0.0062	-2.5 to 2.5	Pass
				10	3.80	-8.082	-0.0043	-2.5 to 2.5	Pass
				30	3.80	-13.547	-0.0072	-2.5 to 2.5	Pass
				40	3.80	-7.296	-0.0039	-2.5 to 2.5	Pass
				50	3.80	-1.760	-0.0009	-2.5 to 2.5	Pass
	1905	50	0	20	3.23	-9.413	-0.0049	-2.5 to 2.5	Pass
					3.80	-3.748	-0.0020	-2.5 to 2.5	Pass
					4.37	-3.233	-0.0017	-2.5 to 2.5	Pass
				-30	3.80	-6.137	-0.0032	-2.5 to 2.5	Pass
				-20	3.80	-4.406	-0.0023	-2.5 to 2.5	Pass
				-10	3.80	-2.904	-0.0015	-2.5 to 2.5	Pass
				0	3.80	-8.855	-0.0046	-2.5 to 2.5	Pass
				10	3.80	-5.822	-0.0031	-2.5 to 2.5	Pass
				30	3.80	-4.048	-0.0021	-2.5 to 2.5	Pass
				40	3.80	-5.193	-0.0027	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.23	-7.267	-0.0039	-2.5 to 2.5	Pass
					3.80	-5.193	-0.0028	-2.5 to 2.5	Pass
					4.37	-4.592	-0.0025	-2.5 to 2.5	Pass
				-30	3.80	-2.346	-0.0013	-2.5 to 2.5	Pass
				-20	3.80	-4.206	-0.0023	-2.5 to 2.5	Pass
				-10	3.80	-1.187	-0.0006	-2.5 to 2.5	Pass
				0	3.80	-2.918	-0.0016	-2.5 to 2.5	Pass
				10	3.80	-1.574	-0.0008	-2.5 to 2.5	Pass
				30	3.80	-3.190	-0.0017	-2.5 to 2.5	Pass
				40	3.80	-3.390	-0.0018	-2.5 to 2.5	Pass
				50	3.80	-6.495	-0.0035	-2.5 to 2.5	Pass
	1880	50	0	20	3.23	-4.592	-0.0024	-2.5 to 2.5	Pass
					3.80	-4.778	-0.0025	-2.5 to 2.5	Pass
					4.37	-3.648	-0.0019	-2.5 to 2.5	Pass
				-30	3.80	-1.030	-0.0005	-2.5 to 2.5	Pass
				-20	3.80	-9.799	-0.0052	-2.5 to 2.5	Pass
				-10	3.80	-7.038	-0.0037	-2.5 to 2.5	Pass
				0	3.80	-6.251	-0.0033	-2.5 to 2.5	Pass
				10	3.80	-13.590	-0.0072	-2.5 to 2.5	Pass
				30	3.80	-13.361	-0.0071	-2.5 to 2.5	Pass
				40	3.80	-10.571	-0.0056	-2.5 to 2.5	Pass
				50	3.80	-12.431	-0.0066	-2.5 to 2.5	Pass

	1905	50	0	20	3.23	-7.181	-0.0038	-2.5 to 2.5	Pass
					3.80	-7.195	-0.0038	-2.5 to 2.5	Pass
					4.37	-5.207	-0.0027	-2.5 to 2.5	Pass
				-30	3.80	-11.058	-0.0058	-2.5 to 2.5	Pass
				-20	3.80	-10.557	-0.0055	-2.5 to 2.5	Pass
				-10	3.80	-4.277	-0.0022	-2.5 to 2.5	Pass
				0	3.80	-3.805	-0.0020	-2.5 to 2.5	Pass
				10	3.80	-1.345	-0.0007	-2.5 to 2.5	Pass
				30	3.80	-11.101	-0.0058	-2.5 to 2.5	Pass
				40	3.80	-4.177	-0.0022	-2.5 to 2.5	Pass
				50	3.80	-1.101	-0.0006	-2.5 to 2.5	Pass

2.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.23	-0.629	-0.0003	-2.5 to 2.5	Pass
					3.80	-1.101	-0.0006	-2.5 to 2.5	Pass
					4.37	-5.422	-0.0029	-2.5 to 2.5	Pass
				-30	3.80	-3.662	-0.0020	-2.5 to 2.5	Pass
				-20	3.80	-1.287	-0.0007	-2.5 to 2.5	Pass
				-10	3.80	-4.864	-0.0026	-2.5 to 2.5	Pass
				0	3.80	-1.545	-0.0008	-2.5 to 2.5	Pass
				10	3.80	-8.039	-0.0043	-2.5 to 2.5	Pass
				30	3.80	-6.781	-0.0037	-2.5 to 2.5	Pass
				40	3.80	-4.835	-0.0026	-2.5 to 2.5	Pass
				50	3.80	-4.377	-0.0024	-2.5 to 2.5	Pass
	1880	75	0	20	3.23	-14.048	-0.0075	-2.5 to 2.5	Pass
					3.80	-4.964	-0.0026	-2.5 to 2.5	Pass
					4.37	-7.539	-0.0040	-2.5 to 2.5	Pass
				-30	3.80	-10.815	-0.0058	-2.5 to 2.5	Pass
				-20	3.80	-9.813	-0.0052	-2.5 to 2.5	Pass
				-10	3.80	-6.852	-0.0036	-2.5 to 2.5	Pass
				0	3.80	-6.781	-0.0036	-2.5 to 2.5	Pass
				10	3.80	-7.238	-0.0039	-2.5 to 2.5	Pass
				30	3.80	-5.093	-0.0027	-2.5 to 2.5	Pass
				40	3.80	-7.482	-0.0040	-2.5 to 2.5	Pass
				50	3.80	-9.713	-0.0052	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.23	-14.920	-0.0078	-2.5 to 2.5	Pass
					3.80	-7.825	-0.0041	-2.5 to 2.5	Pass
					4.37	-5.808	-0.0031	-2.5 to 2.5	Pass
				-30	3.80	-5.865	-0.0031	-2.5 to 2.5	Pass
				-20	3.80	-5.207	-0.0027	-2.5 to 2.5	Pass
				-10	3.80	-3.533	-0.0019	-2.5 to 2.5	Pass
				0	3.80	-4.892	-0.0026	-2.5 to 2.5	Pass
				10	3.80	-2.861	-0.0015	-2.5 to 2.5	Pass
				30	3.80	-4.892	-0.0026	-2.5 to 2.5	Pass
				40	3.80	-6.652	-0.0035	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.23	1.016	0.0005	-2.5 to 2.5	Pass
					3.80	2.489	0.0013	-2.5 to 2.5	Pass
					4.37	-0.587	-0.0003	-2.5 to 2.5	Pass
				-30	3.80	-2.789	-0.0015	-2.5 to 2.5	Pass
				-20	3.80	-4.835	-0.0026	-2.5 to 2.5	Pass
				-10	3.80	-2.232	-0.0012	-2.5 to 2.5	Pass
				0	3.80	-0.558	-0.0003	-2.5 to 2.5	Pass
				10	3.80	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	3.80	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	3.80	-0.730	-0.0004	-2.5 to 2.5	Pass
				50	3.80	-2.632	-0.0014	-2.5 to 2.5	Pass
	1880	75	0	20	3.23	-7.367	-0.0039	-2.5 to 2.5	Pass
					3.80	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.37	-1.316	-0.0007	-2.5 to 2.5	Pass
				-30	3.80	-3.362	-0.0018	-2.5 to 2.5	Pass
				-20	3.80	-9.985	-0.0053	-2.5 to 2.5	Pass
				-10	3.80	-3.905	-0.0021	-2.5 to 2.5	Pass
				0	3.80	-2.961	-0.0016	-2.5 to 2.5	Pass
				10	3.80	-8.912	-0.0047	-2.5 to 2.5	Pass
				30	3.80	-7.739	-0.0041	-2.5 to 2.5	Pass
				40	3.80	-5.007	-0.0027	-2.5 to 2.5	Pass
				50	3.80	-1.888	-0.0010	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.23	-1.960	-0.0010	-2.5 to 2.5	Pass
					3.80	-0.587	-0.0003	-2.5 to 2.5	Pass
					4.37	-4.063	-0.0021	-2.5 to 2.5	Pass
				-30	3.80	-6.509	-0.0034	-2.5 to 2.5	Pass
				-20	3.80	-6.709	-0.0035	-2.5 to 2.5	Pass
				-10	3.80	-3.304	-0.0017	-2.5 to 2.5	Pass
				0	3.80	-5.350	-0.0028	-2.5 to 2.5	Pass
				10	3.80	-9.470	-0.0050	-2.5 to 2.5	Pass
				30	3.80	0.300	0.0002	-2.5 to 2.5	Pass
				40	3.80	-2.546	-0.0013	-2.5 to 2.5	Pass
				50	3.80	-8.683	-0.0046	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.23	0.014	0.0000	-2.5 to 2.5	Pass
					3.80	-1.259	-0.0007	-2.5 to 2.5	Pass
					4.37	-5.507	-0.0030	-2.5 to 2.5	Pass
				-30	3.80	-5.436	-0.0029	-2.5 to 2.5	Pass
				-20	3.80	-1.860	-0.0010	-2.5 to 2.5	Pass
				-10	3.80	-7.524	-0.0040	-2.5 to 2.5	Pass
				0	3.80	-5.865	-0.0032	-2.5 to 2.5	Pass
				10	3.80	-7.439	-0.0040	-2.5 to 2.5	Pass
				30	3.80	-7.982	-0.0043	-2.5 to 2.5	Pass
				40	3.80	-5.078	-0.0027	-2.5 to 2.5	Pass
				50	3.80	-7.510	-0.0040	-2.5 to 2.5	Pass
	1880	100	0	20	3.23	-10.343	-0.0055	-2.5 to 2.5	Pass
					3.80	-6.738	-0.0036	-2.5 to 2.5	Pass
					4.37	-7.968	-0.0042	-2.5 to 2.5	Pass
				-30	3.80	-4.306	-0.0023	-2.5 to 2.5	Pass
				-20	3.80	-4.864	-0.0026	-2.5 to 2.5	Pass
				-10	3.80	-5.350	-0.0028	-2.5 to 2.5	Pass
				0	3.80	-5.393	-0.0029	-2.5 to 2.5	Pass
				10	3.80	-8.984	-0.0048	-2.5 to 2.5	Pass
				30	3.80	-9.785	-0.0052	-2.5 to 2.5	Pass
				40	3.80	-7.195	-0.0038	-2.5 to 2.5	Pass
				50	3.80	-13.576	-0.0072	-2.5 to 2.5	Pass
	1900	100	0	20	3.23	-5.322	-0.0028	-2.5 to 2.5	Pass
					3.80	-4.177	-0.0022	-2.5 to 2.5	Pass
					4.37	-5.436	-0.0029	-2.5 to 2.5	Pass
				-30	3.80	-5.722	-0.0030	-2.5 to 2.5	Pass
				-20	3.80	-4.277	-0.0023	-2.5 to 2.5	Pass
				-10	3.80	0.901	0.0005	-2.5 to 2.5	Pass
				0	3.80	-1.731	-0.0009	-2.5 to 2.5	Pass
				10	3.80	-4.821	-0.0025	-2.5 to 2.5	Pass
				30	3.80	-6.123	-0.0032	-2.5 to 2.5	Pass
				40	3.80	-8.368	-0.0044	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.23	-4.706	-0.0025	-2.5 to 2.5	Pass
					3.80	-4.363	-0.0023	-2.5 to 2.5	Pass
					4.37	-6.380	-0.0034	-2.5 to 2.5	Pass
				-30	3.80	2.546	0.0014	-2.5 to 2.5	Pass
				-20	3.80	-6.967	-0.0037	-2.5 to 2.5	Pass
				-10	3.80	-2.618	-0.0014	-2.5 to 2.5	Pass
				0	3.80	-6.394	-0.0034	-2.5 to 2.5	Pass
				10	3.80	-2.975	-0.0016	-2.5 to 2.5	Pass
				30	3.80	3.233	0.0017	-2.5 to 2.5	Pass
				40	3.80	-3.204	-0.0017	-2.5 to 2.5	Pass
				50	3.80	-6.094	-0.0033	-2.5 to 2.5	Pass
	1880	100	0	20	3.23	-6.394	-0.0034	-2.5 to 2.5	Pass
					3.80	-8.039	-0.0043	-2.5 to 2.5	Pass
					4.37	-5.879	-0.0031	-2.5 to 2.5	Pass
				-30	3.80	-7.710	-0.0041	-2.5 to 2.5	Pass
				-20	3.80	-9.298	-0.0049	-2.5 to 2.5	Pass
				-10	3.80	-6.366	-0.0034	-2.5 to 2.5	Pass
				0	3.80	-5.922	-0.0032	-2.5 to 2.5	Pass
				10	3.80	-6.723	-0.0036	-2.5 to 2.5	Pass
				30	3.80	-1.860	-0.0010	-2.5 to 2.5	Pass
				40	3.80	-6.309	-0.0034	-2.5 to 2.5	Pass
				50	3.80	-6.809	-0.0036	-2.5 to 2.5	Pass

	1900	100	0	20	3.23	-5.822	-0.0031	-2.5 to 2.5	Pass
					3.80	-5.608	-0.0030	-2.5 to 2.5	Pass
					4.37	-6.022	-0.0032	-2.5 to 2.5	Pass
				-30	3.80	-1.717	-0.0009	-2.5 to 2.5	Pass
				-20	3.80	1.144	0.0006	-2.5 to 2.5	Pass
				-10	3.80	-3.548	-0.0019	-2.5 to 2.5	Pass
				0	3.80	-2.618	-0.0014	-2.5 to 2.5	Pass
				10	3.80	-6.738	-0.0035	-2.5 to 2.5	Pass
				30	3.80	-4.849	-0.0026	-2.5 to 2.5	Pass
				40	3.80	-5.422	-0.0029	-2.5 to 2.5	Pass
				50	3.80	-3.262	-0.0017	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph		Pass
16QAM	1880	15	0	Refer To Test Graph		Pass

3.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

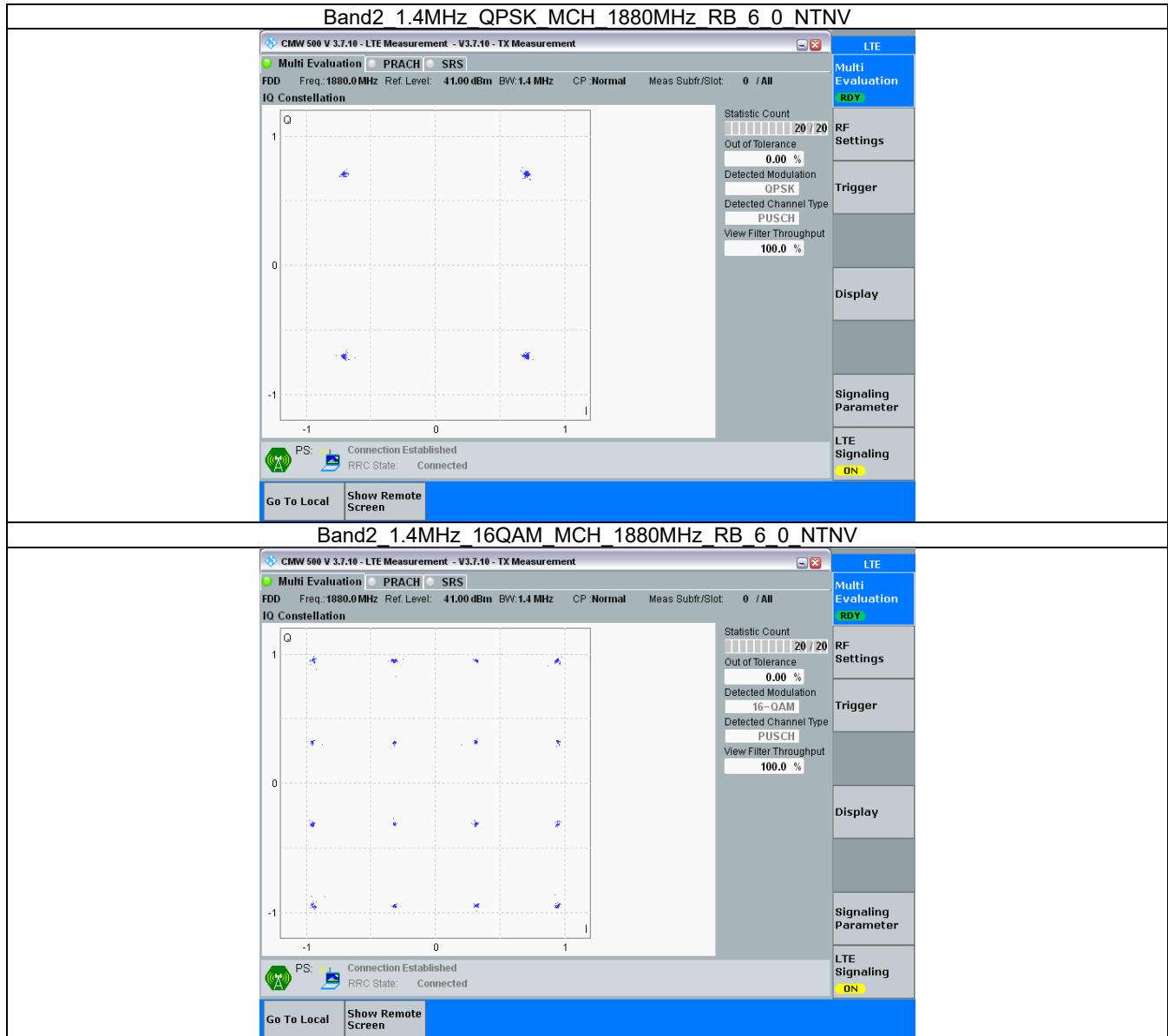
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

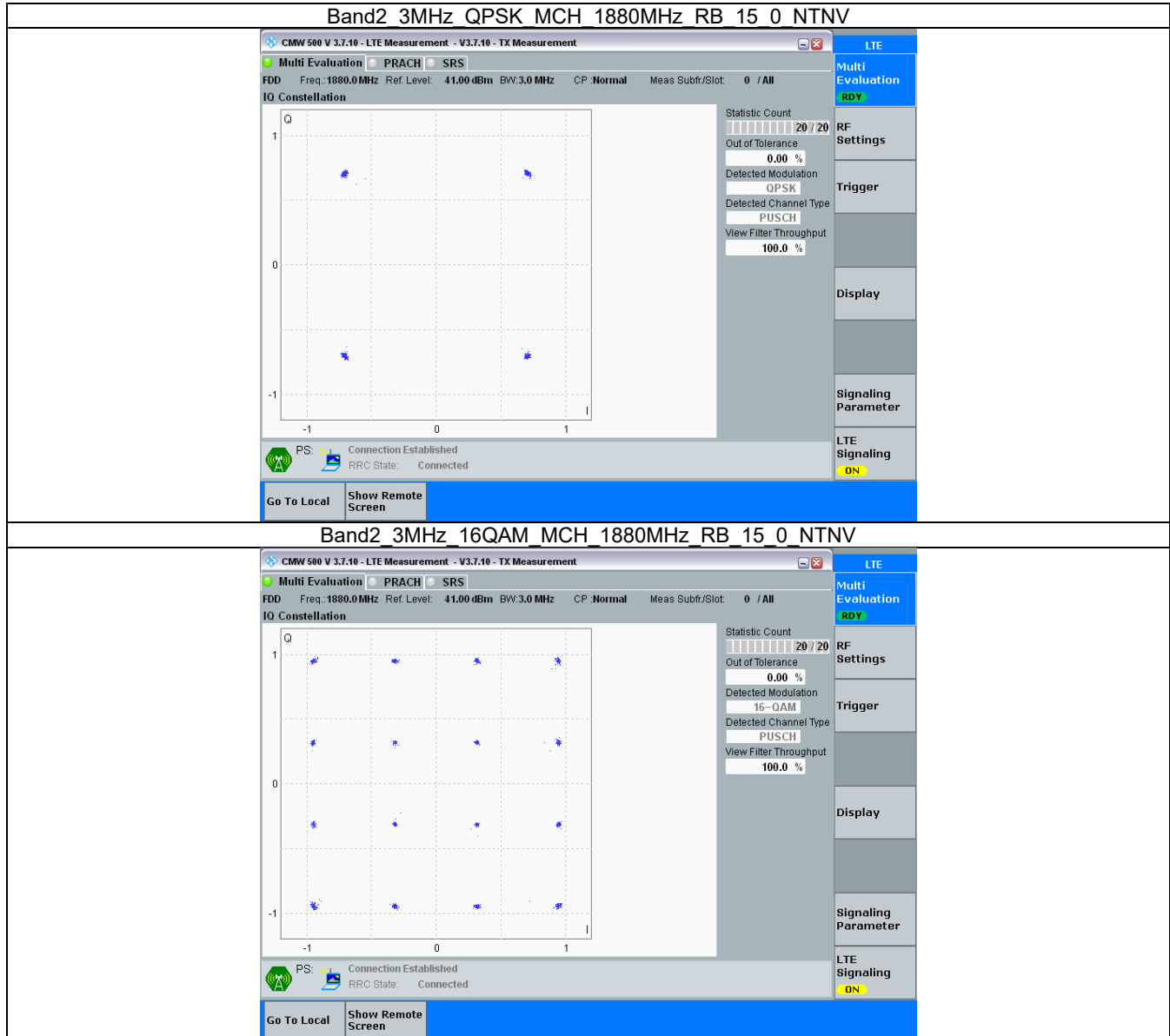
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

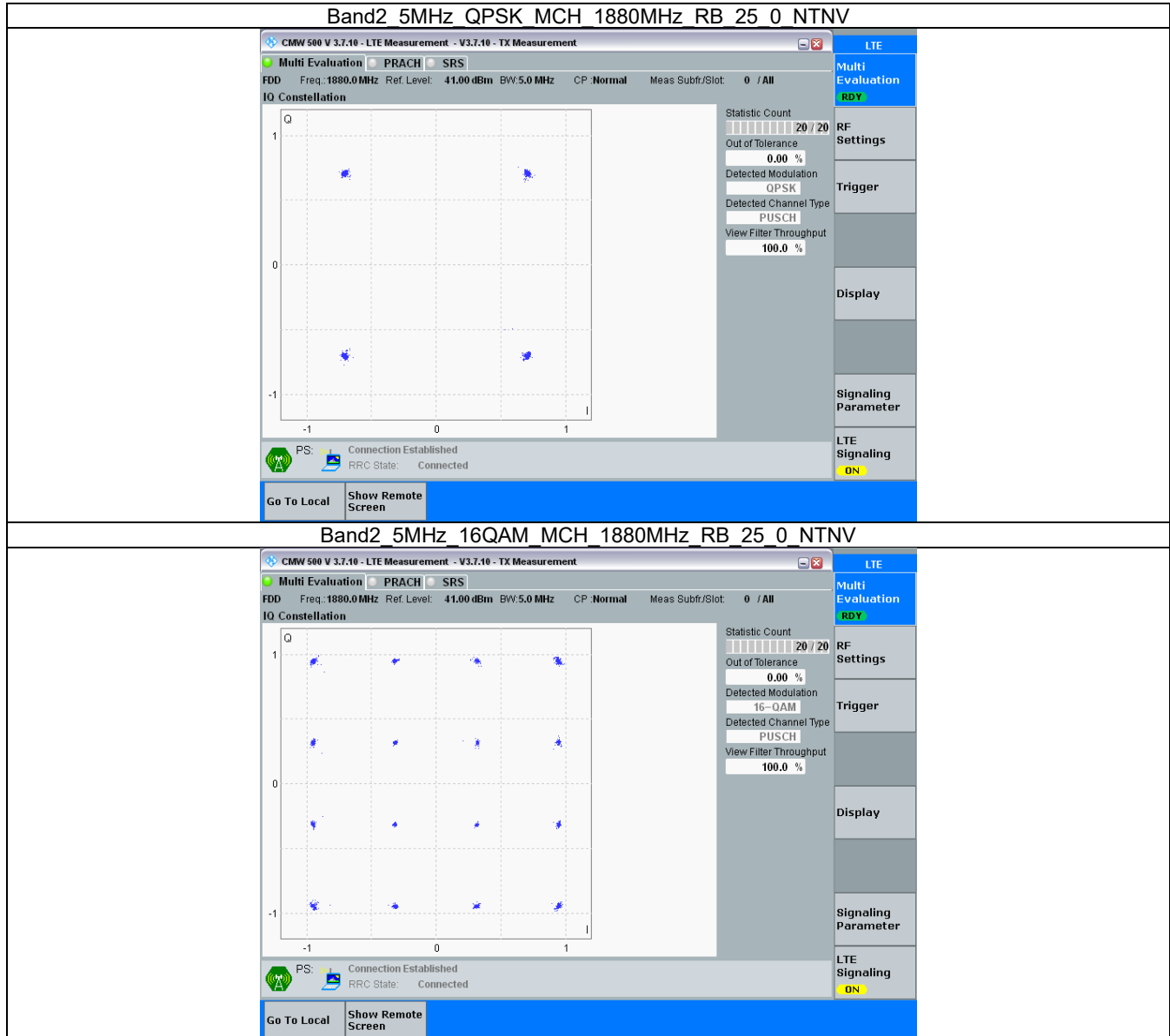
3.2.1 B2_1.4MHz



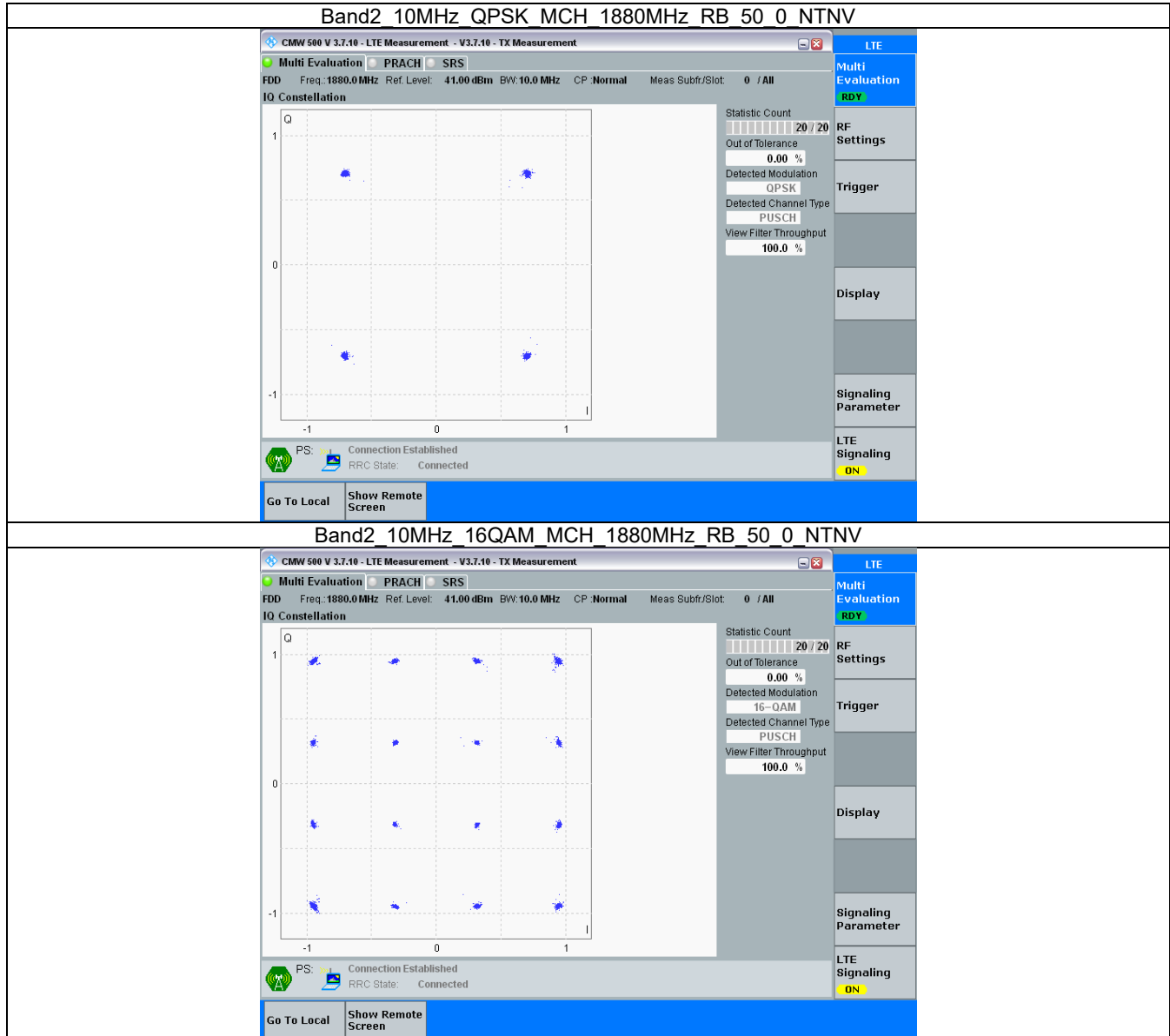
3.2.2 B2_3MHz



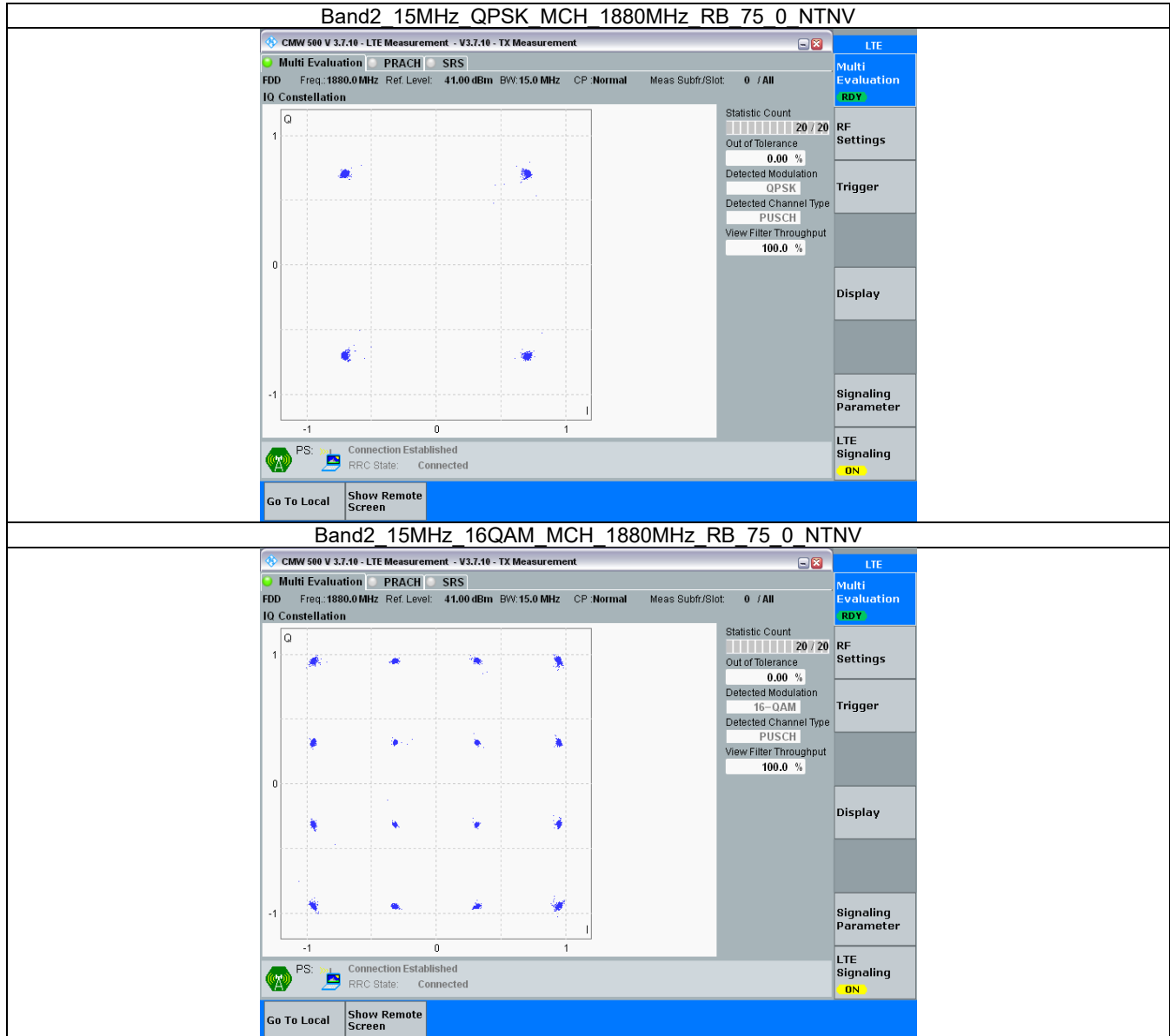
3.2.3 B2_5MHz



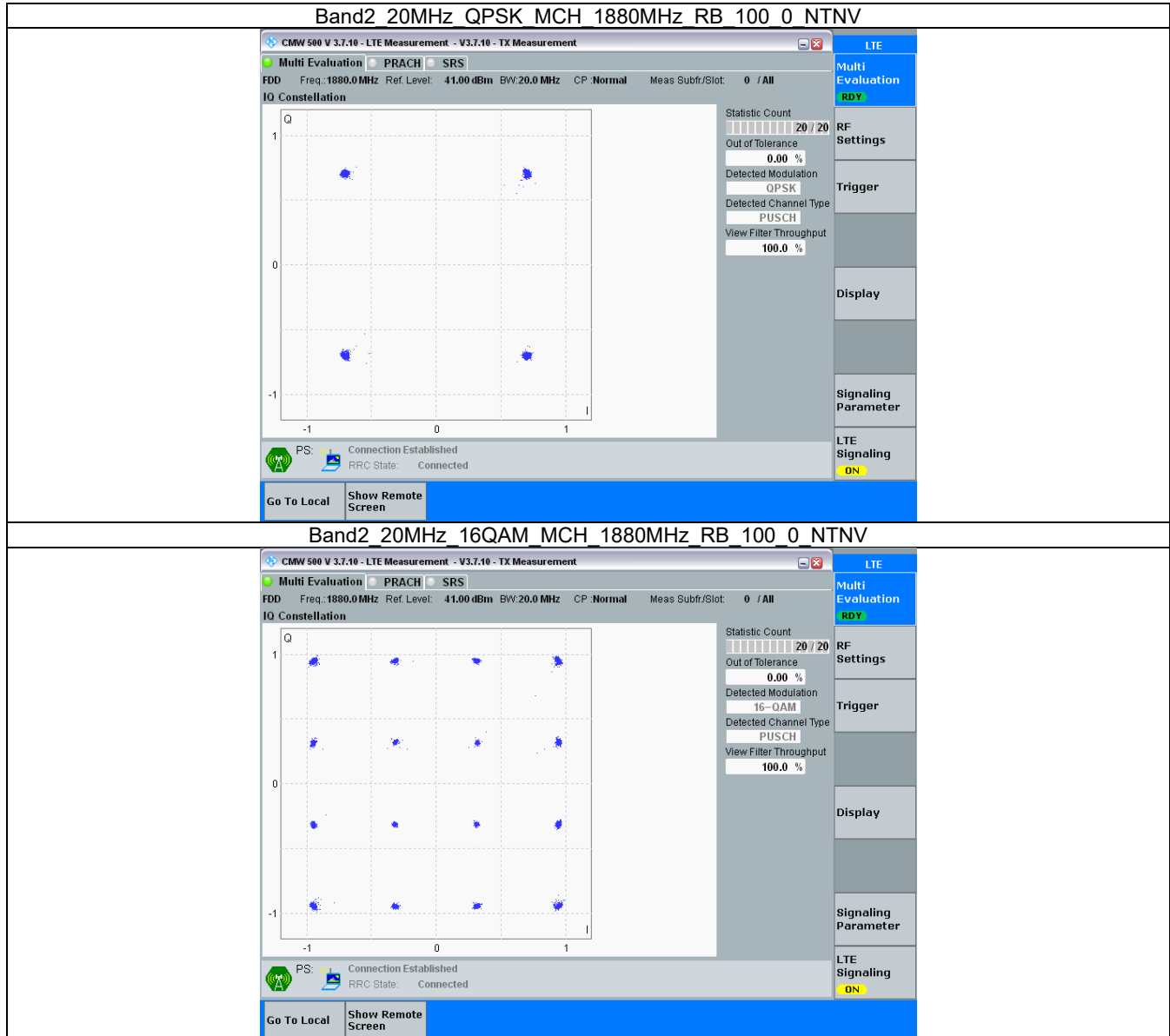
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.113	/	Pass
		1880	6	0	1.138	/	Pass
		1909.3	6	0	1.447	/	Pass
	16QAM	1850.7	6	0	1.121	/	Pass
		1880	6	0	1.123	/	Pass
		1909.3	6	0	1.422	/	Pass
3	QPSK	1851.5	15	0	2.731	/	Pass
		1880	15	0	2.741	/	Pass
		1908.5	15	0	2.842	/	Pass
	16QAM	1851.5	15	0	2.723	/	Pass
		1880	15	0	2.729	/	Pass
		1908.5	15	0	2.800	/	Pass
5	QPSK	1852.5	25	0	4.551	/	Pass
		1880	25	0	4.537	/	Pass
		1907.5	25	0	4.545	/	Pass
	16QAM	1852.5	25	0	4.524	/	Pass
		1880	25	0	4.538	/	Pass
		1907.5	25	0	4.546	/	Pass
10	QPSK	1855	50	0	9.051	/	Pass
		1880	50	0	9.037	/	Pass
		1905	50	0	9.070	/	Pass
	16QAM	1855	50	0	9.043	/	Pass
		1880	50	0	9.047	/	Pass
		1905	50	0	9.068	/	Pass
15	QPSK	1857.5	75	0	13.594	/	Pass
		1880	75	0	13.568	/	Pass
		1902.5	75	0	13.636	/	Pass
	16QAM	1857.5	75	0	13.565	/	Pass
		1880	75	0	13.548	/	Pass
		1902.5	75	0	13.621	/	Pass
20	QPSK	1860	100	0	18.128	/	Pass
		1880	100	0	18.117	/	Pass
		1900	100	0	18.228	/	Pass
	16QAM	1860	100	0	18.146	/	Pass
		1880	100	0	18.121	/	Pass
		1900	100	0	18.227	/	Pass

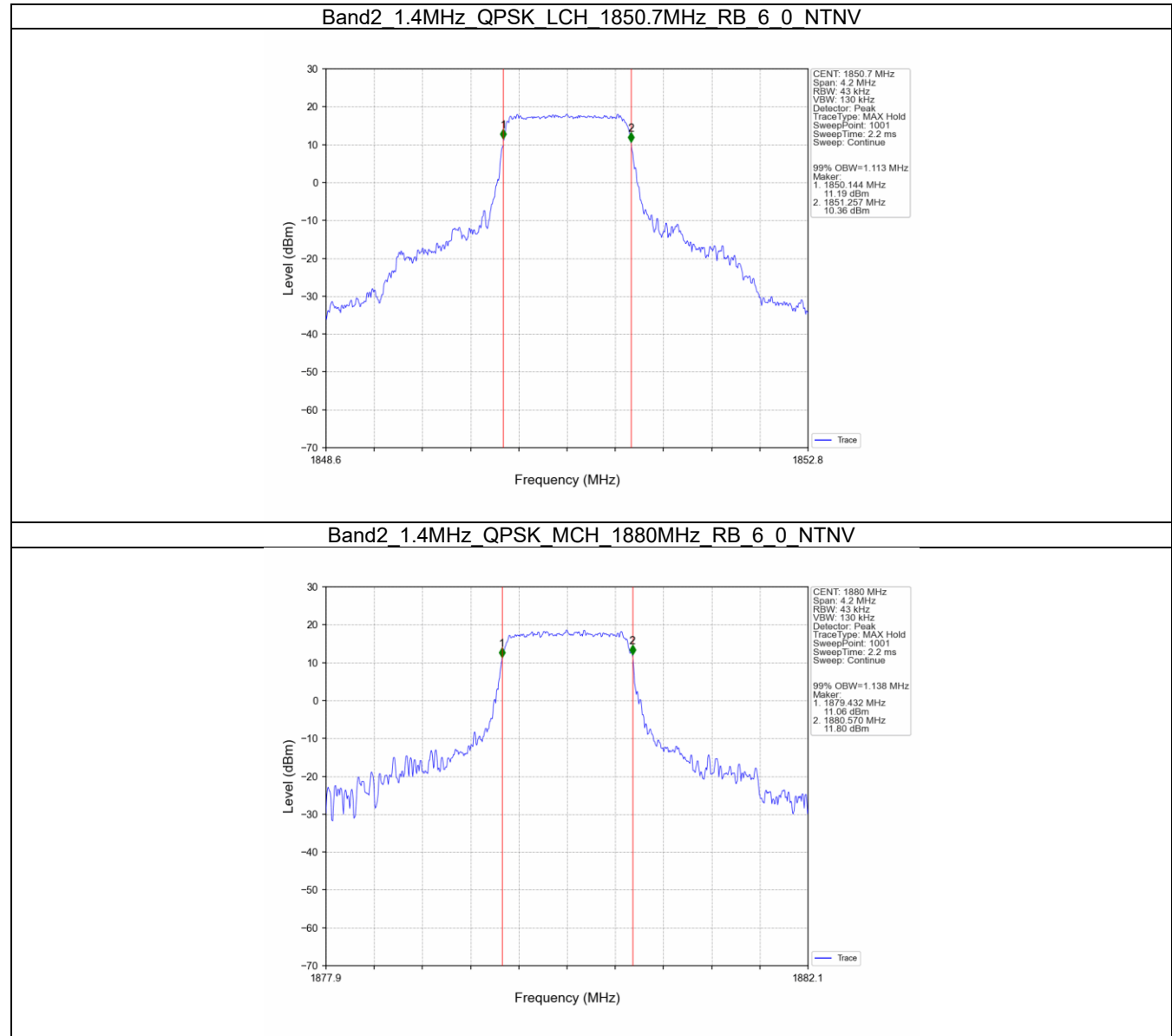
4.1.2 Band2_XDB

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.420	/	Pass
		1880	6	0	1.406	/	Pass
		1909.3	6	0	2.174	/	Pass
	16QAM	1850.7	6	0	1.354	/	Pass
		1880	6	0	1.479	/	Pass
		1909.3	6	0	2.250	/	Pass
3	QPSK	1851.5	15	0	3.016	/	Pass

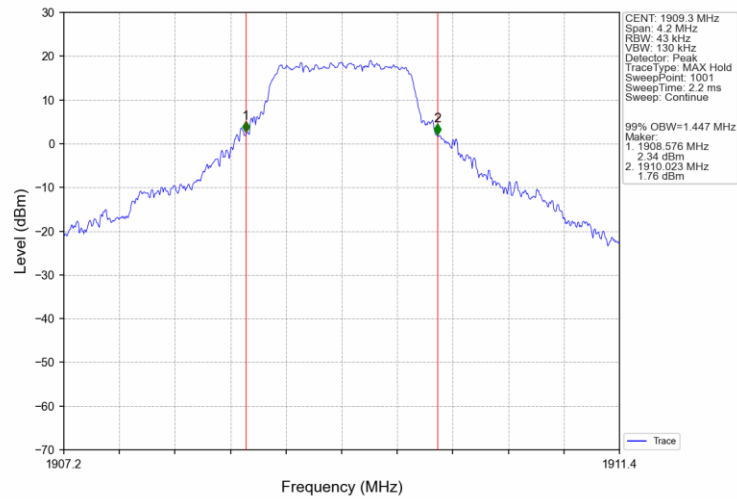
	16QAM	1880	15	0	3.015	/	Pass
		1908.5	15	0	4.434	/	Pass
		1851.5	15	0	2.989	/	Pass
		1880	15	0	2.998	/	Pass
		1908.5	15	0	4.328	/	Pass
5	QPSK	1852.5	25	0	5.014	/	Pass
		1880	25	0	5.039	/	Pass
		1907.5	25	0	5.706	/	Pass
	16QAM	1852.5	25	0	5.012	/	Pass
		1880	25	0	5.038	/	Pass
		1907.5	25	0	5.246	/	Pass
10	QPSK	1855	50	0	10.035	/	Pass
		1880	50	0	9.939	/	Pass
		1905	50	0	10.022	/	Pass
	16QAM	1855	50	0	9.950	/	Pass
		1880	50	0	9.939	/	Pass
		1905	50	0	9.950	/	Pass
15	QPSK	1857.5	75	0	14.905	/	Pass
		1880	75	0	14.956	/	Pass
		1902.5	75	0	15.026	/	Pass
	16QAM	1857.5	75	0	14.898	/	Pass
		1880	75	0	14.833	/	Pass
		1902.5	75	0	14.928	/	Pass
20	QPSK	1860	100	0	19.811	/	Pass
		1880	100	0	19.821	/	Pass
		1900	100	0	19.667	/	Pass
	16QAM	1860	100	0	19.634	/	Pass
		1880	100	0	19.612	/	Pass
		1900	100	0	19.972	/	Pass

4.2 Test Graph

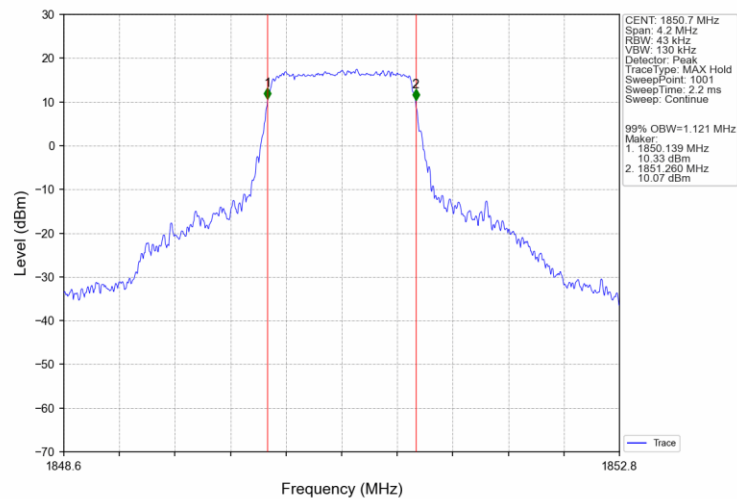
4.2.1 Band2_OBW



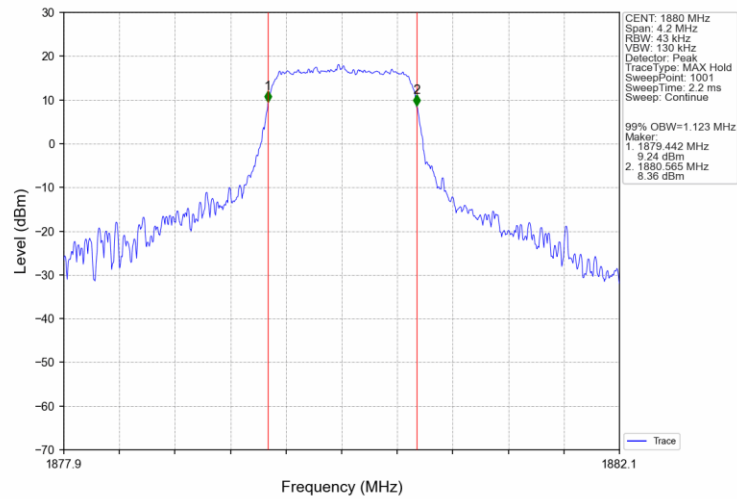
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



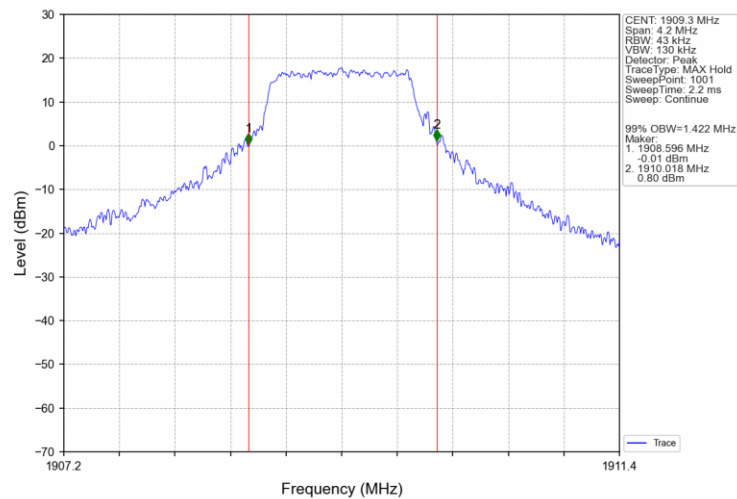
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



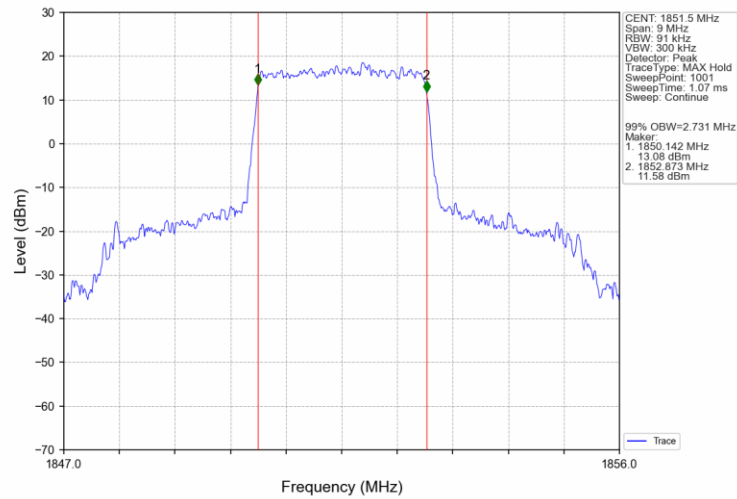
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



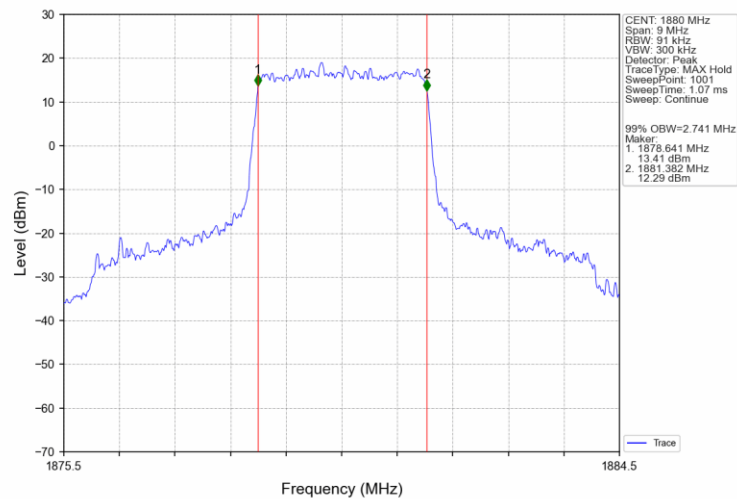
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



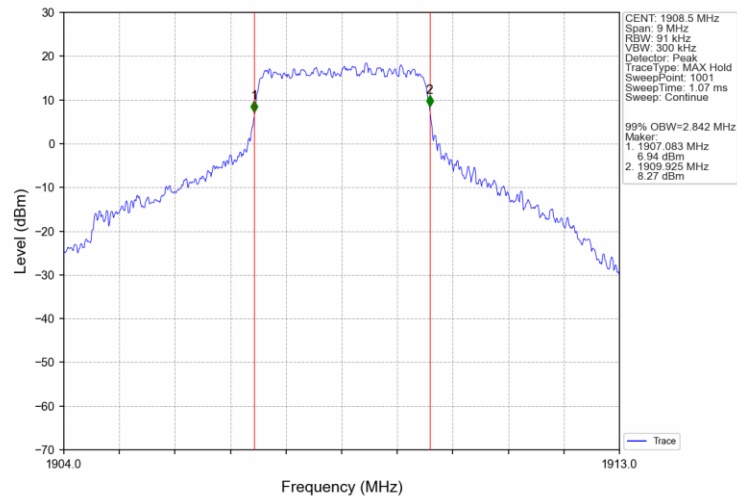
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



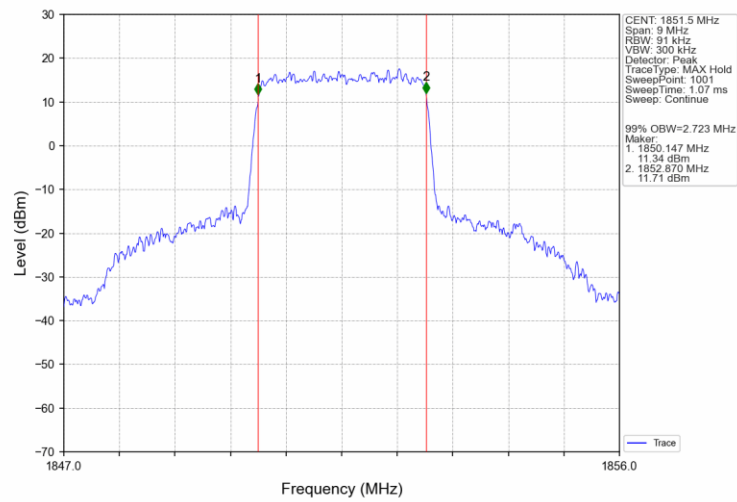
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



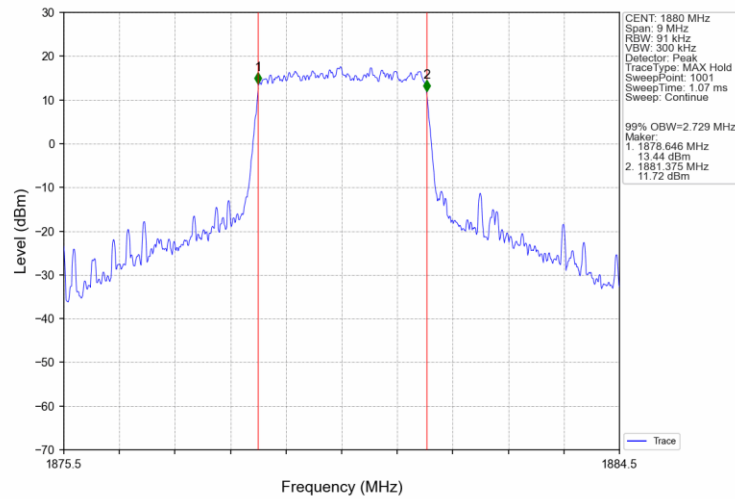
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



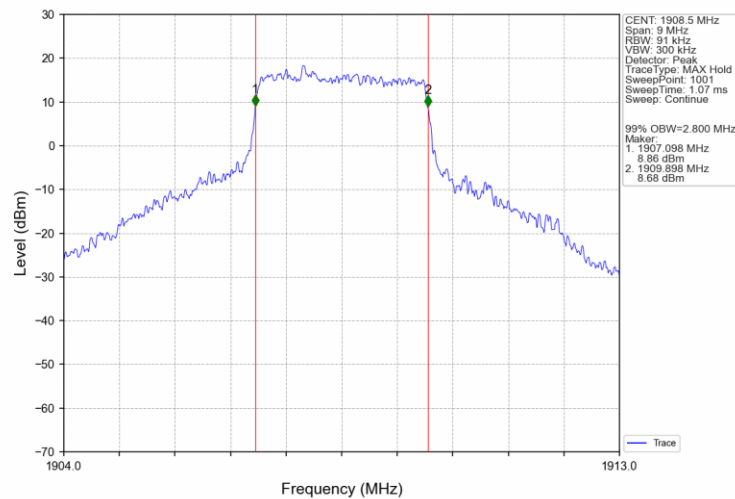
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



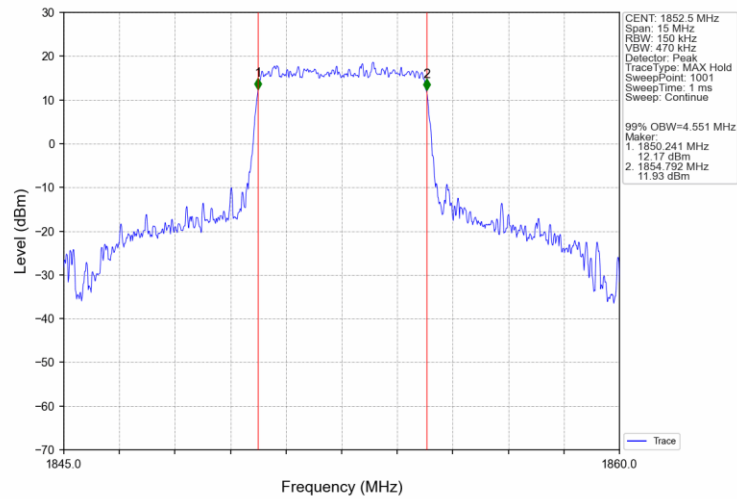
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



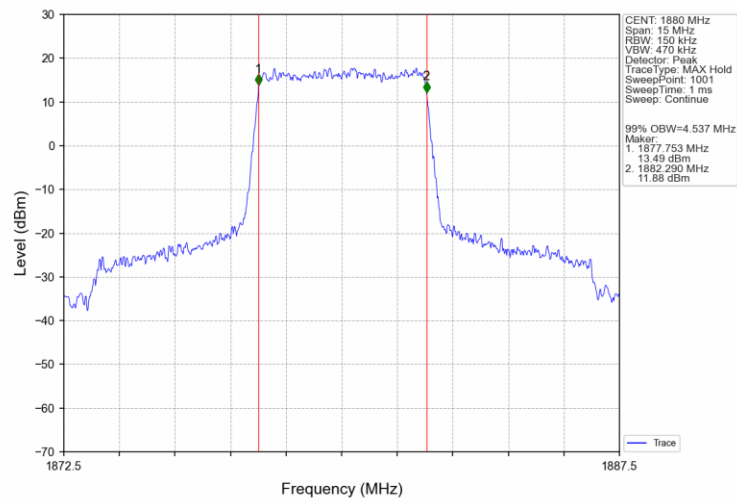
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



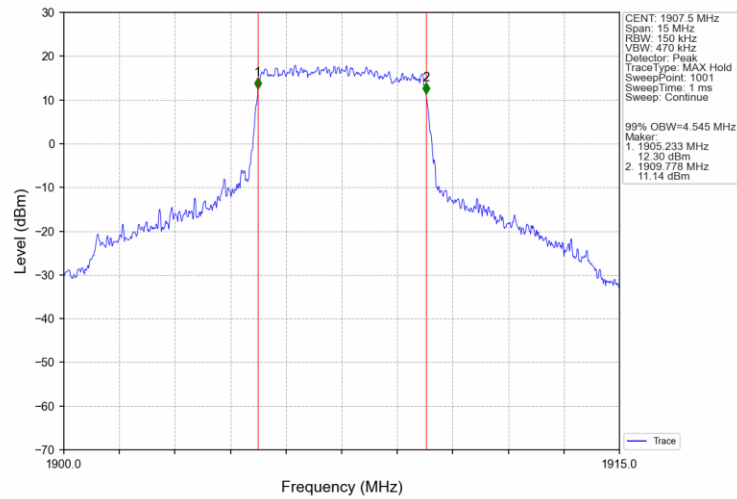
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



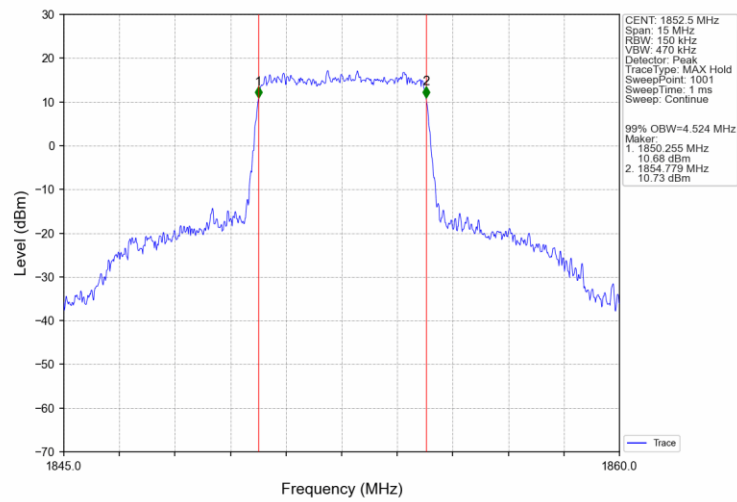
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



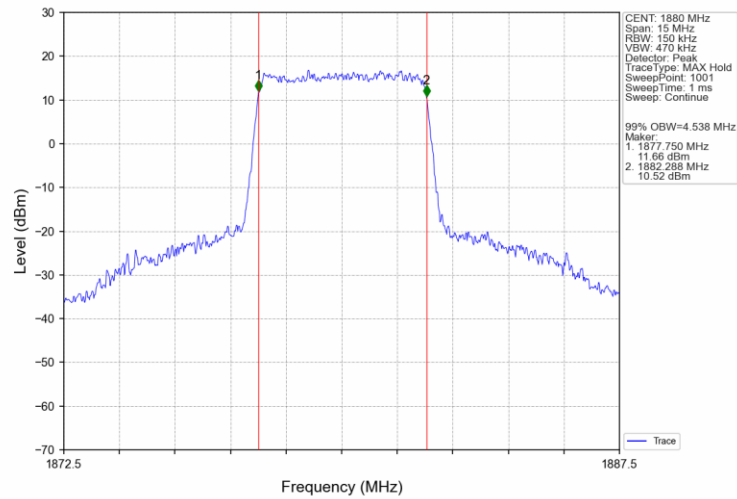
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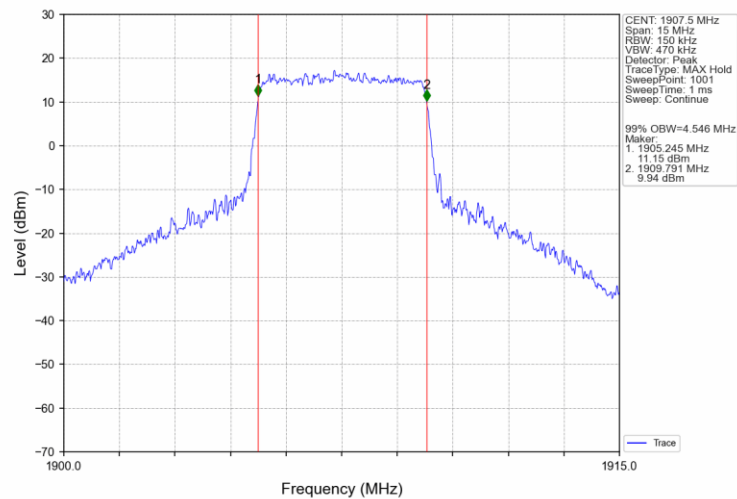
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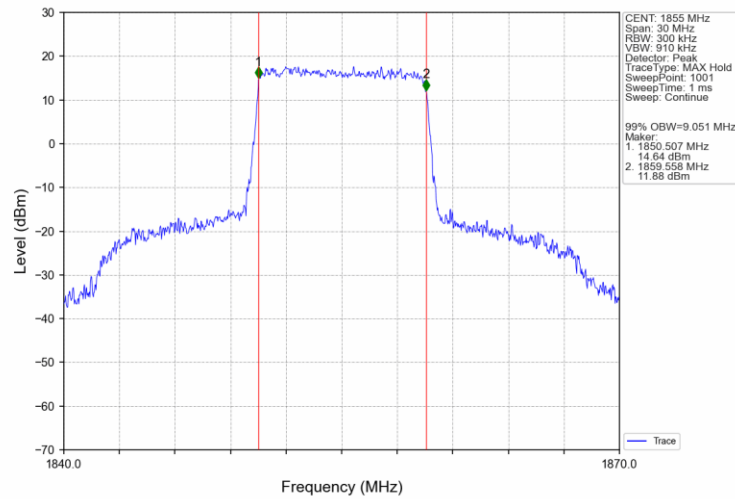
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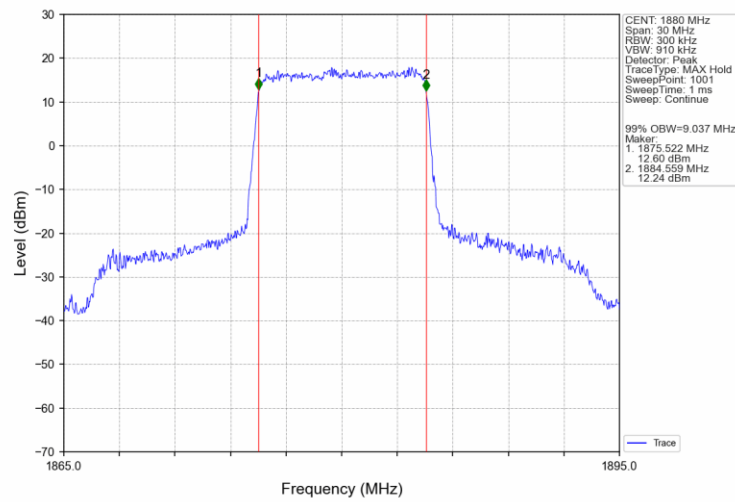
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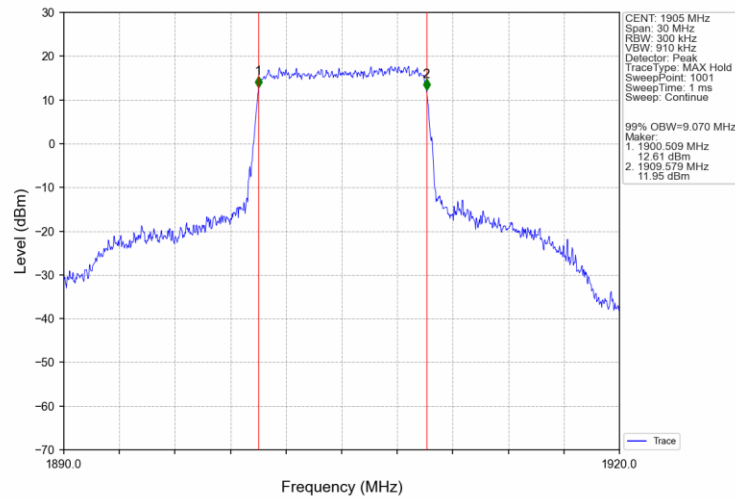
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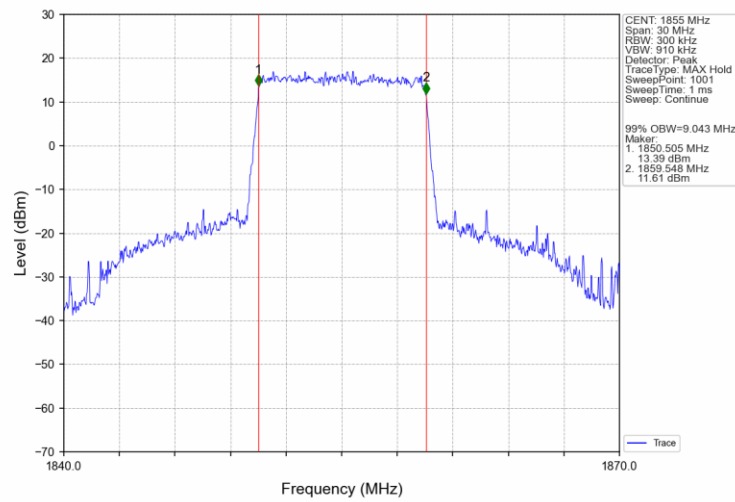
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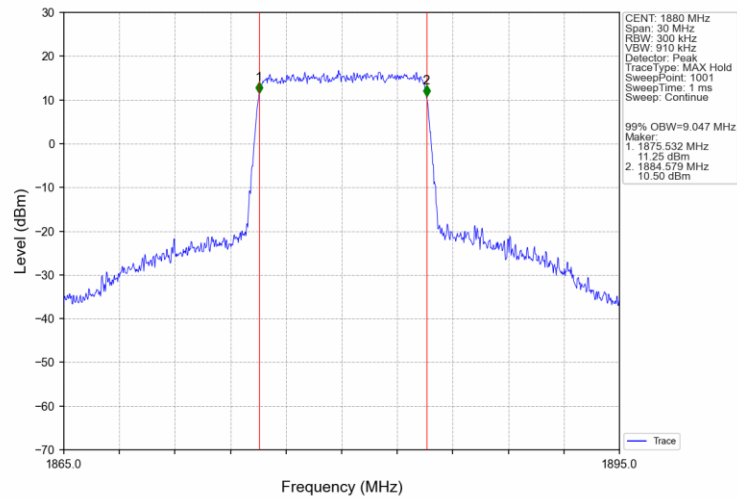
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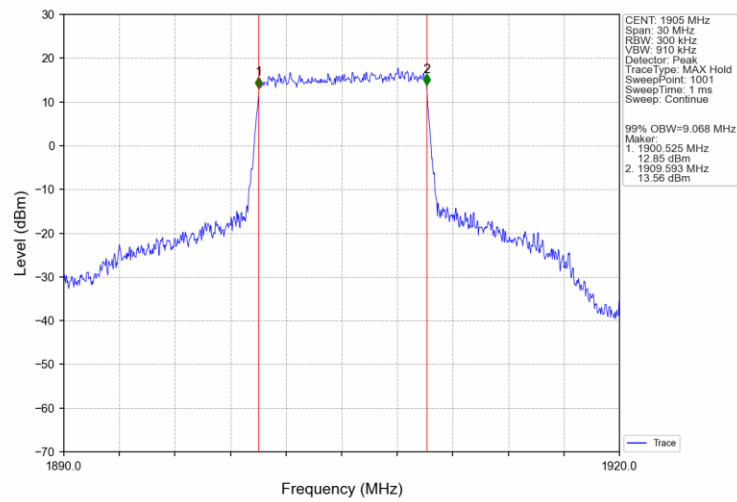
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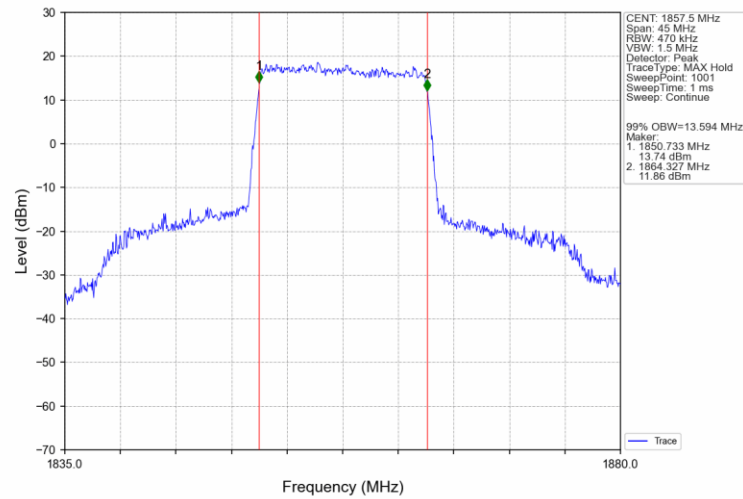
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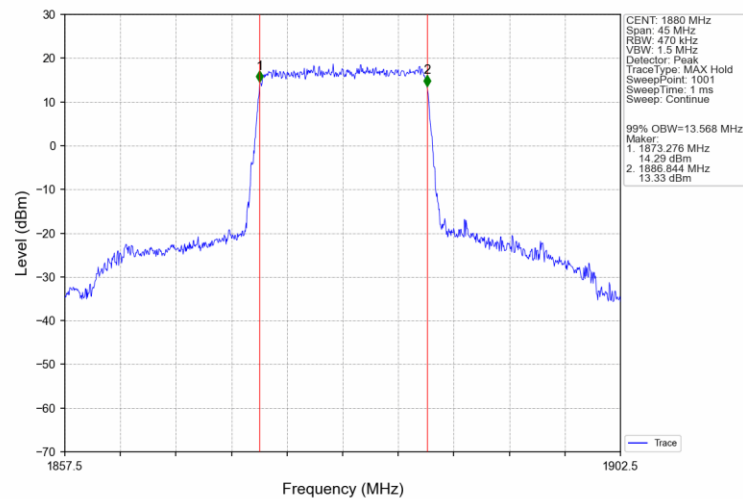
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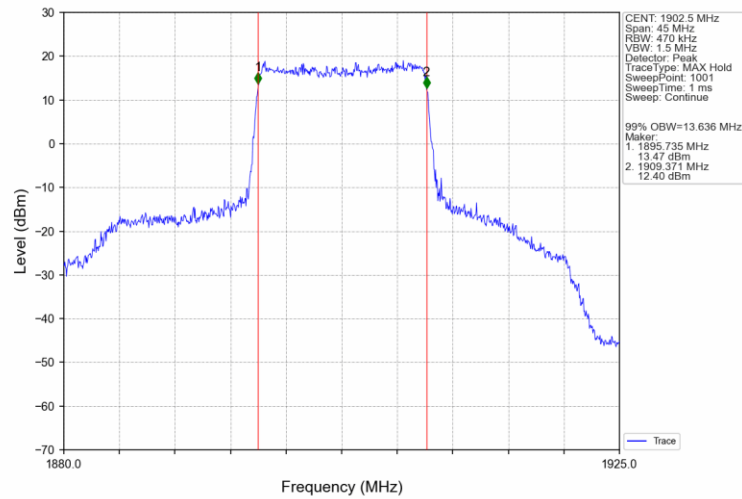
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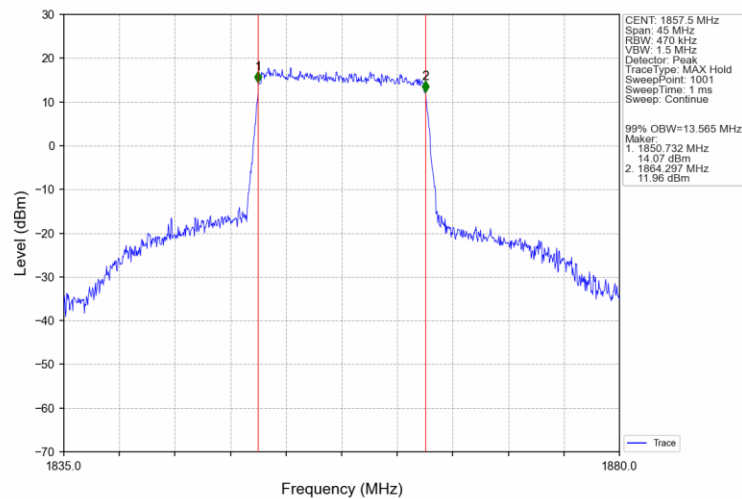
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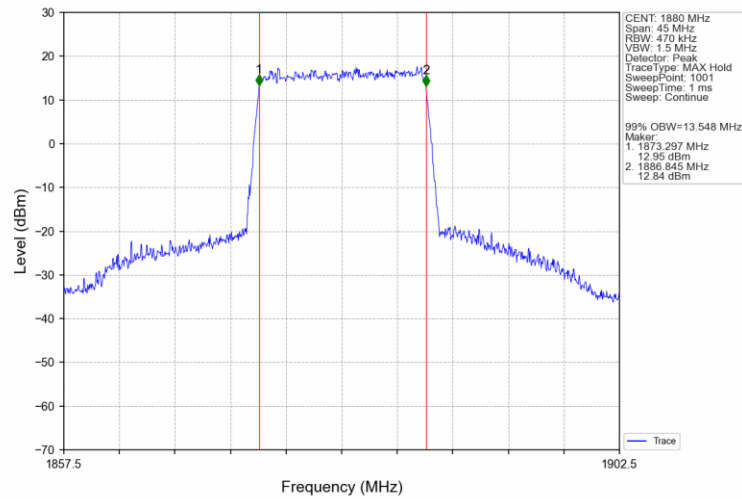
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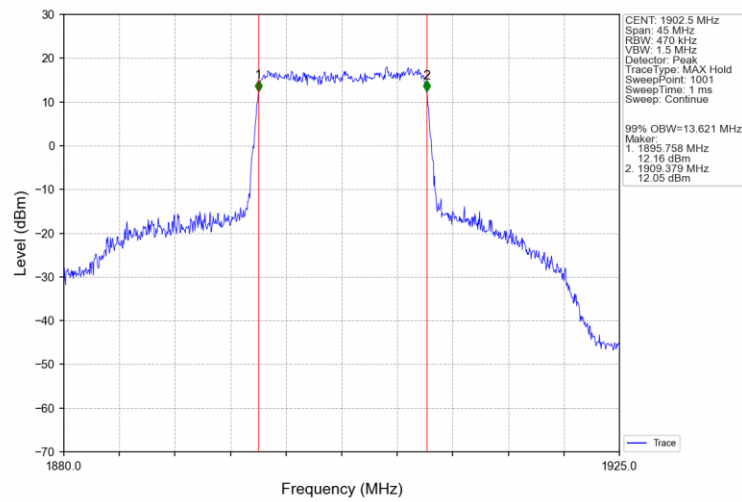
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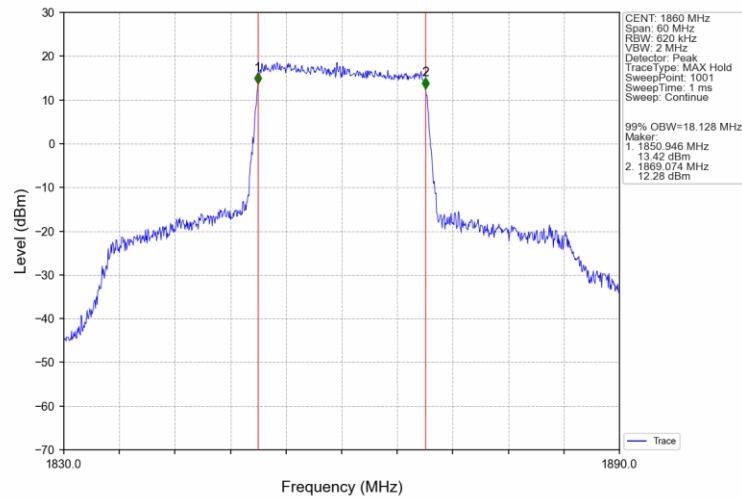
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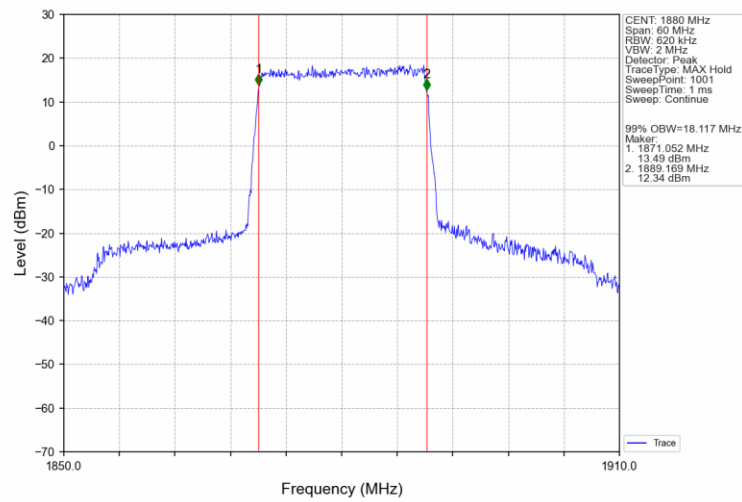
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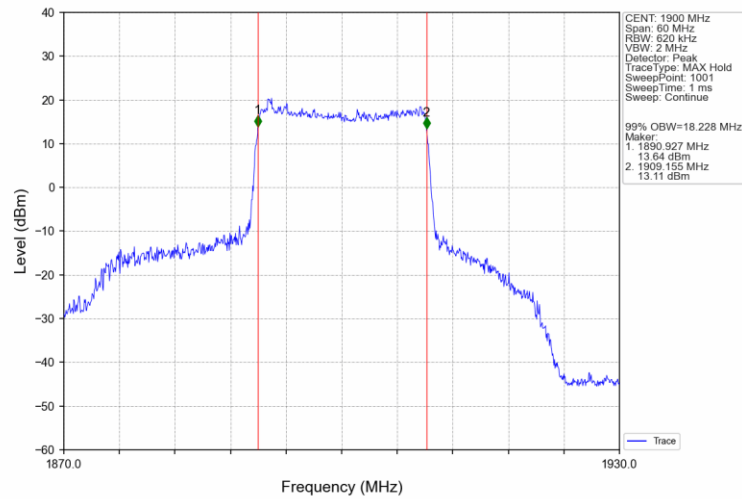
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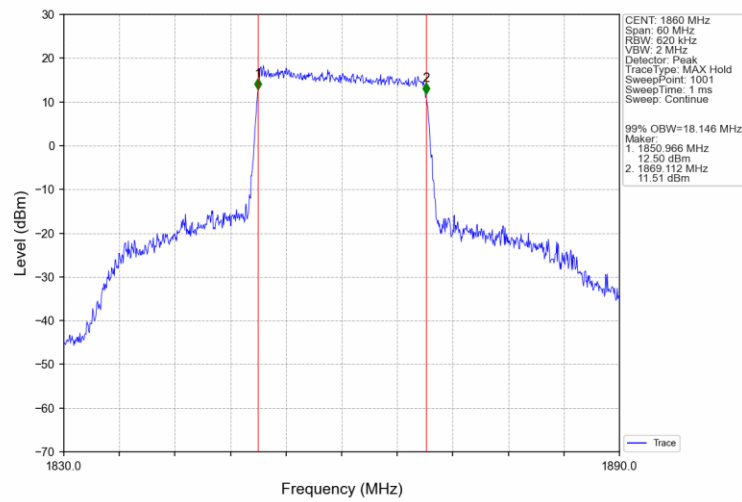
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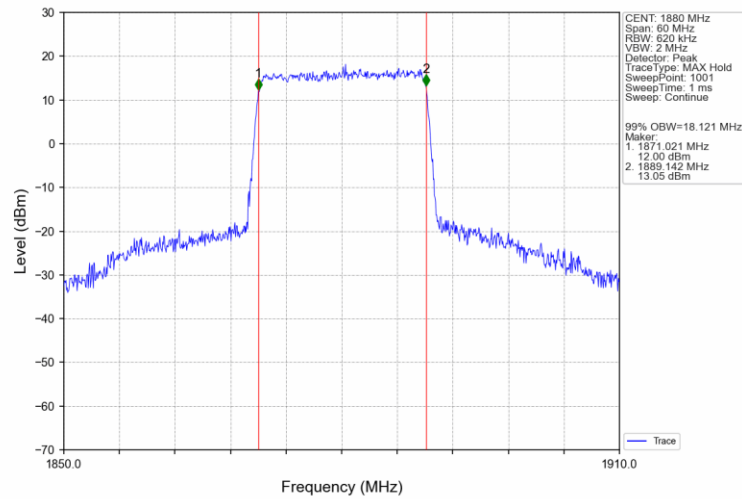
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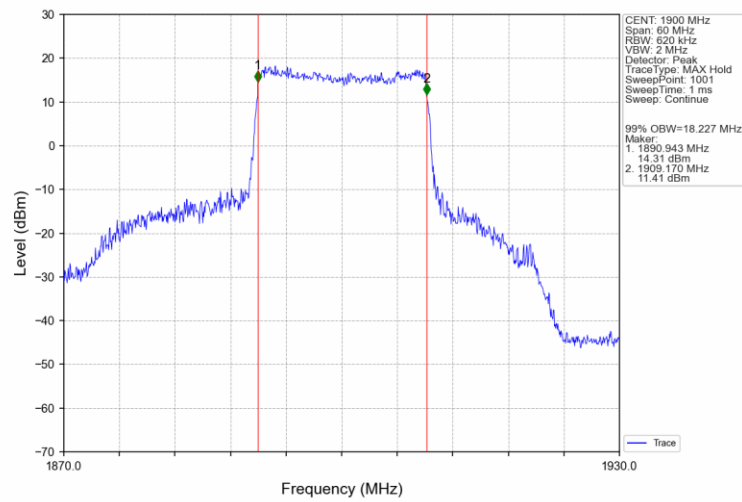
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Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV

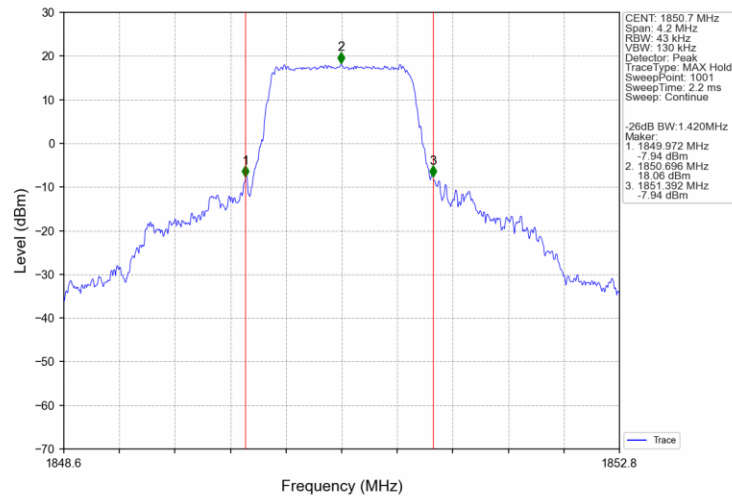


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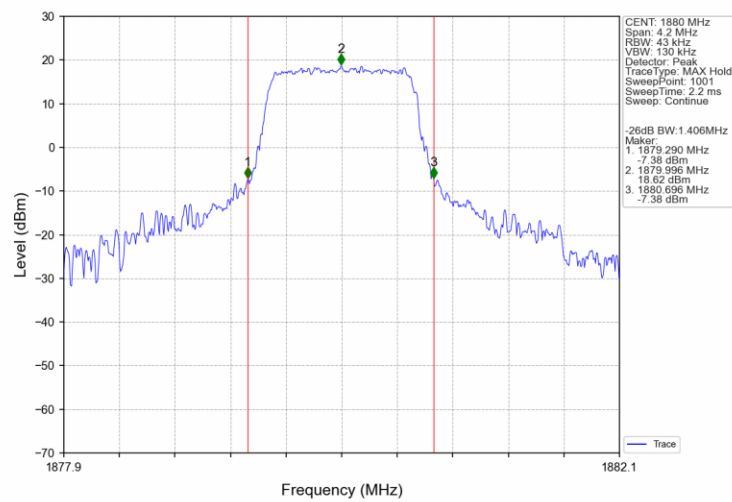


4.2.2 Band2_XDB

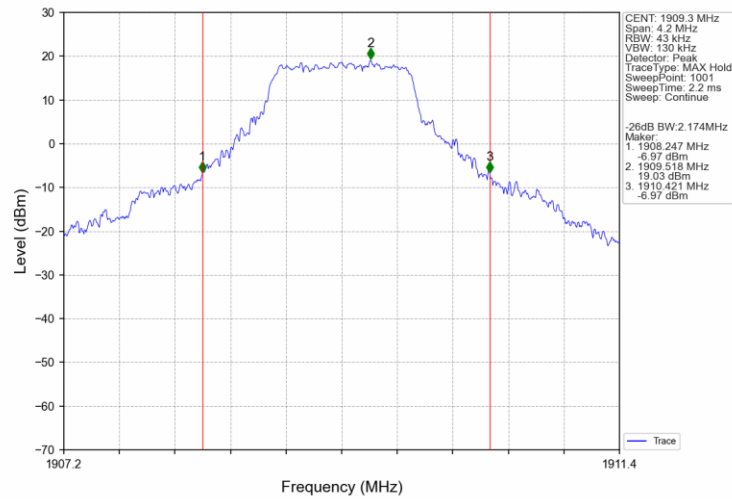
Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



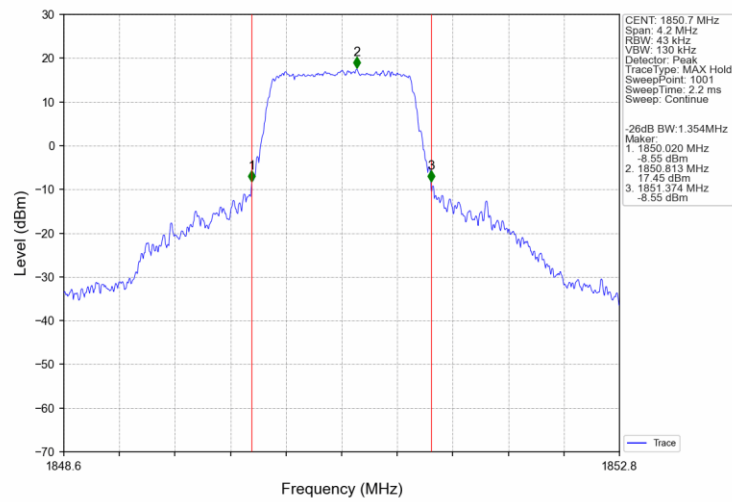
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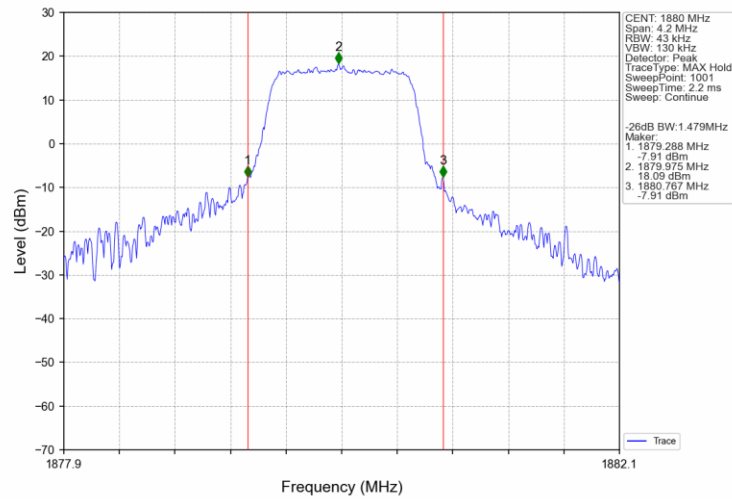
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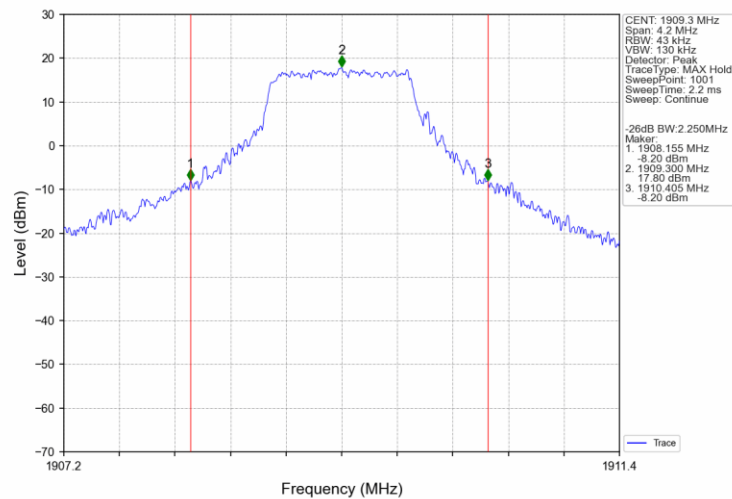
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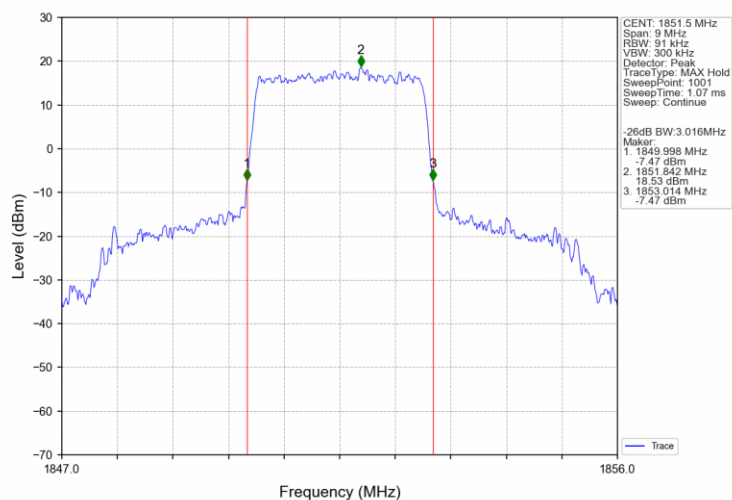
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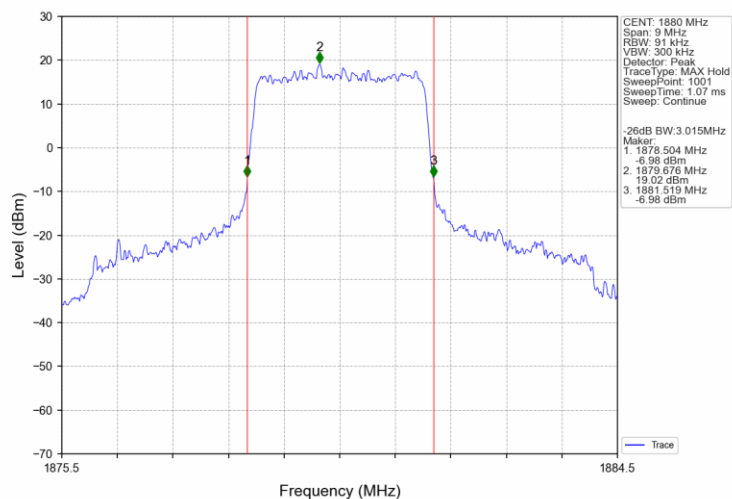
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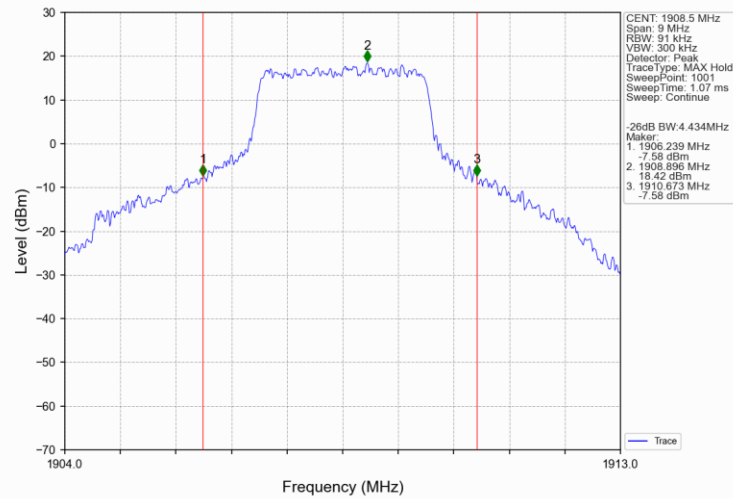
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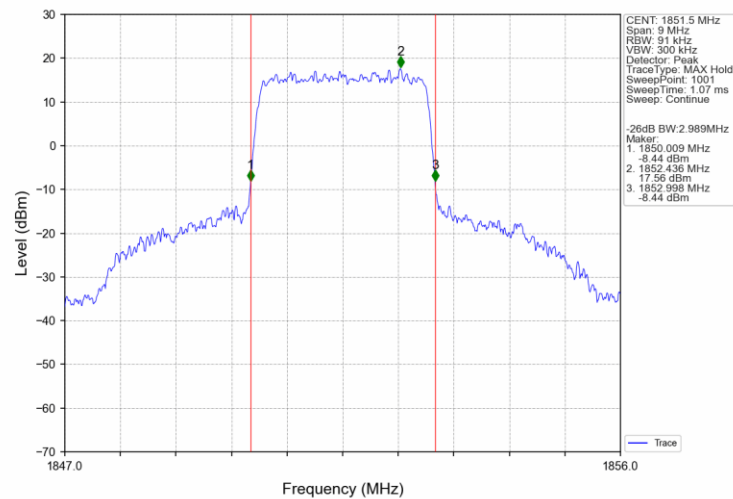
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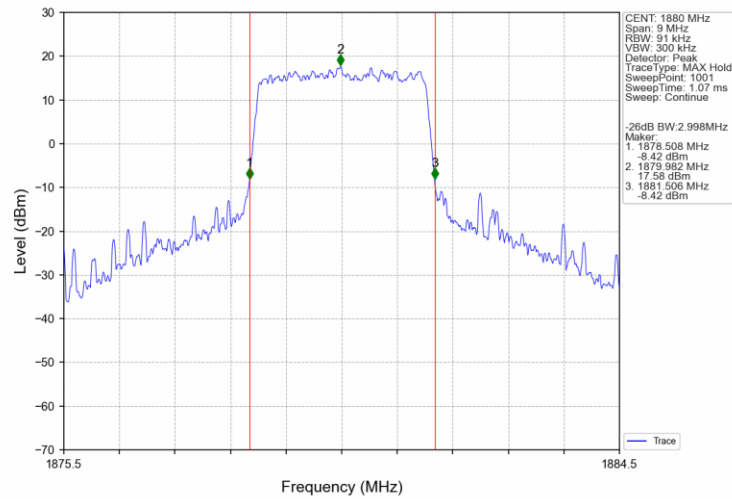
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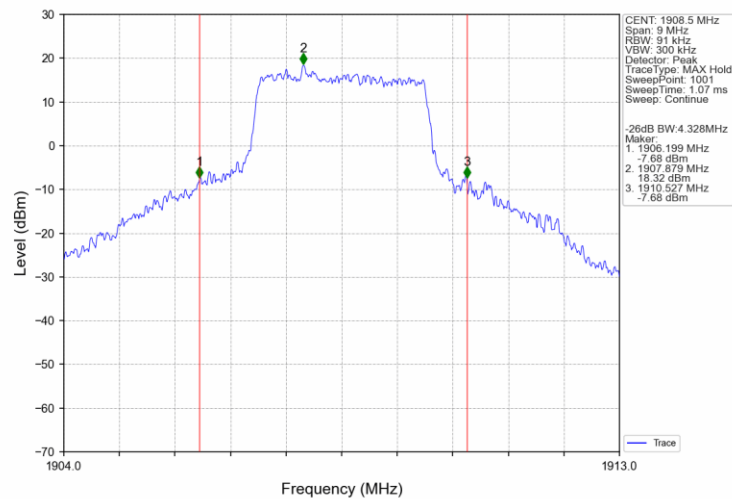
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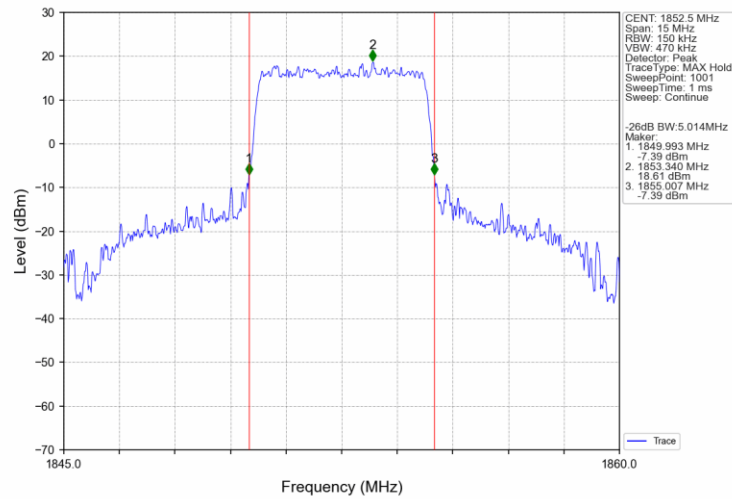
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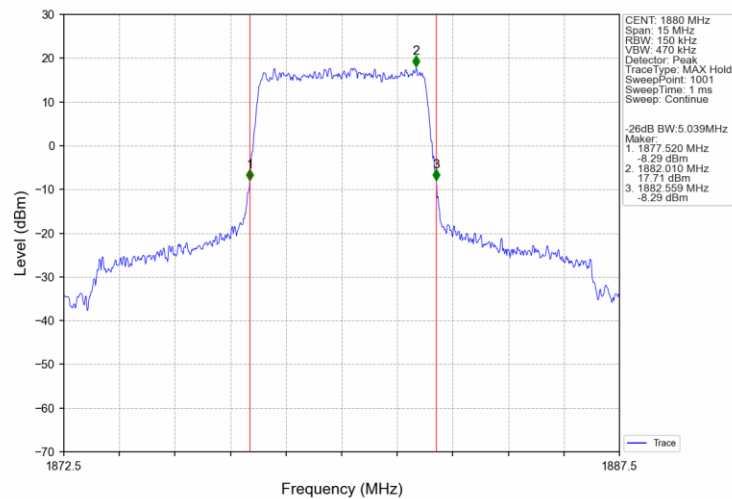
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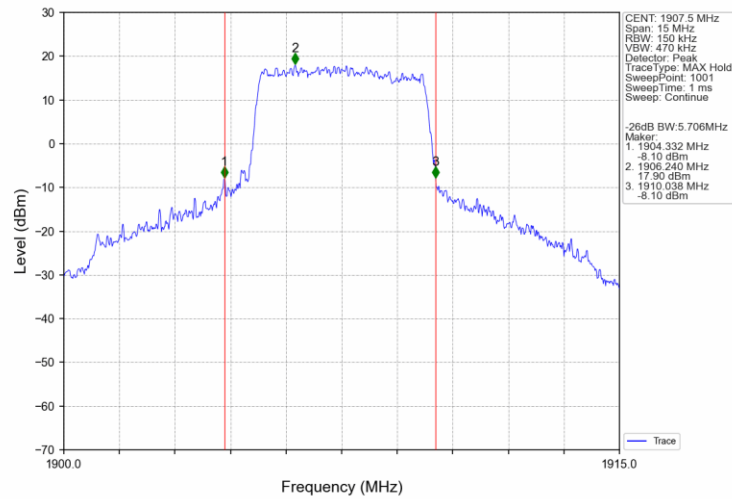
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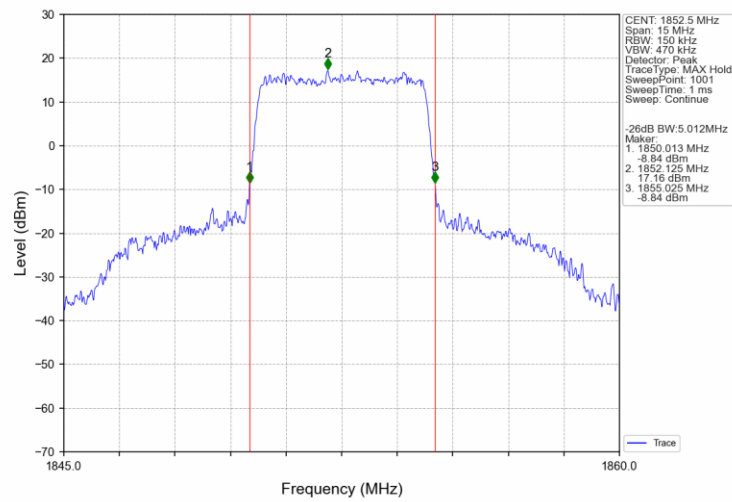
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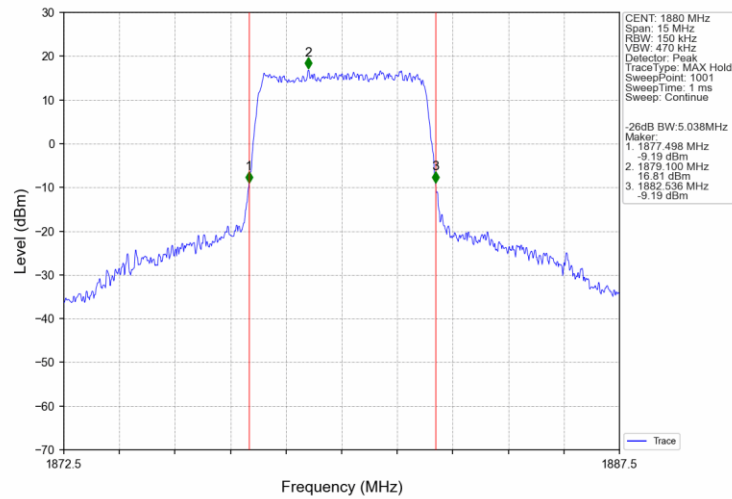
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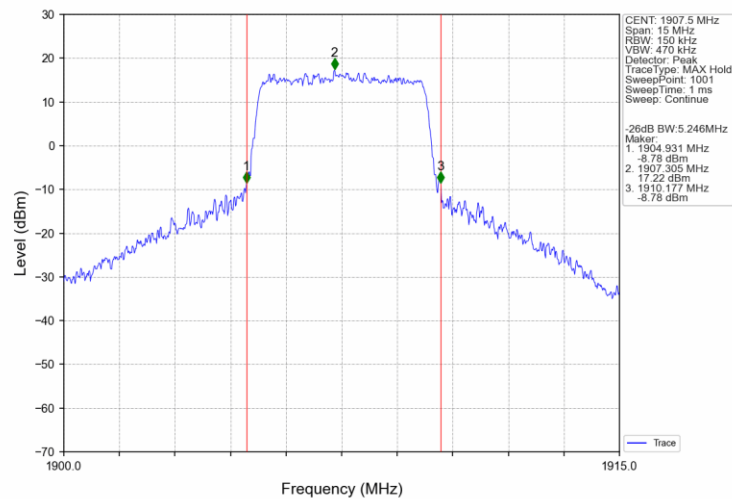
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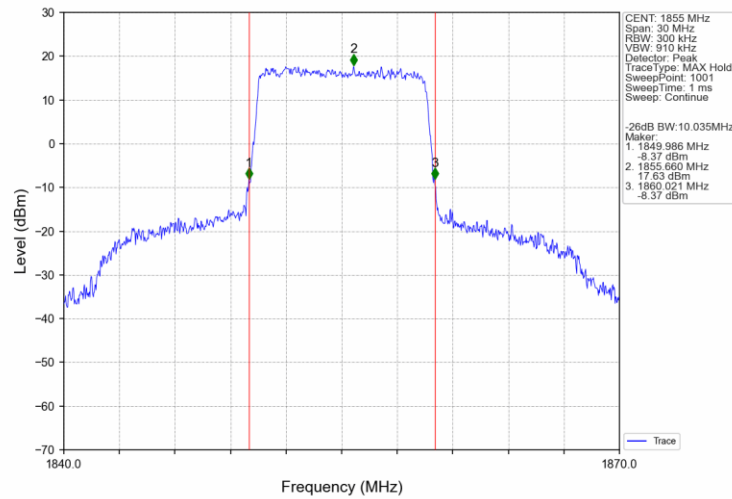
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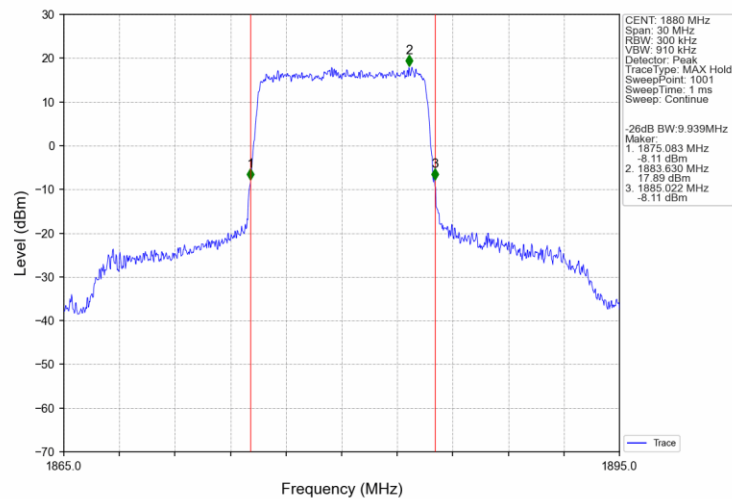
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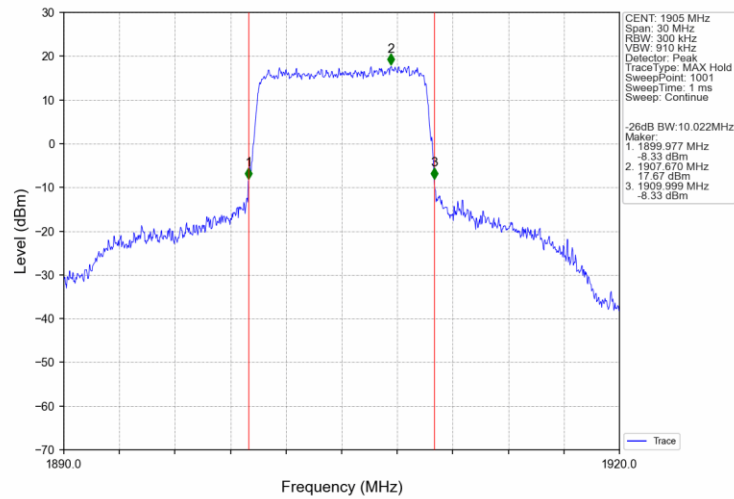
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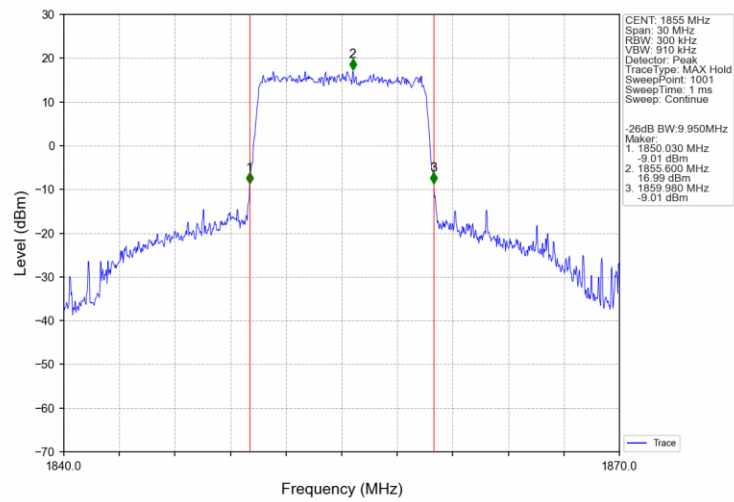
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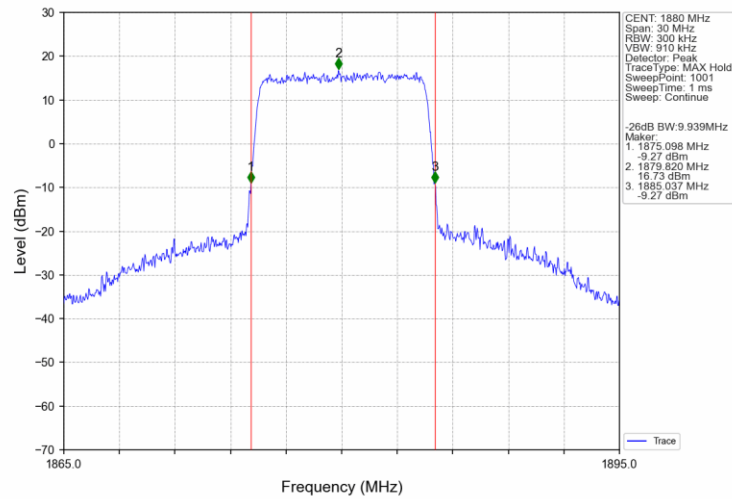
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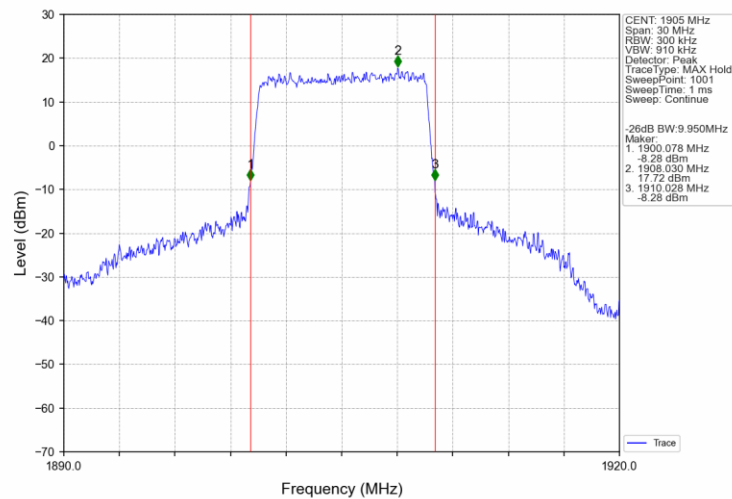
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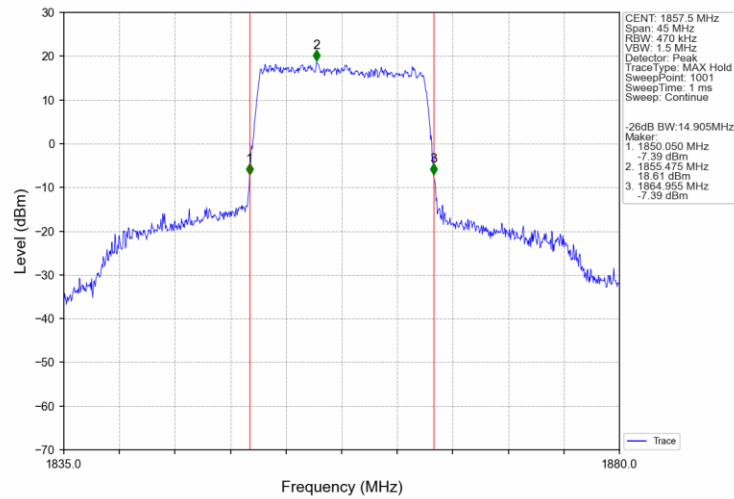
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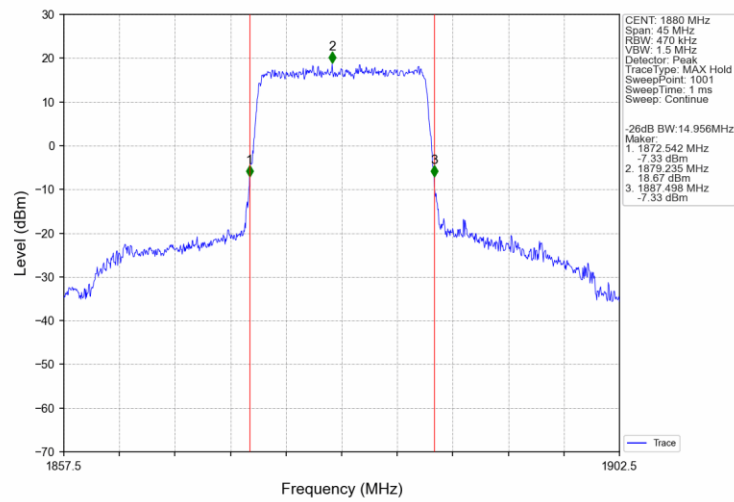
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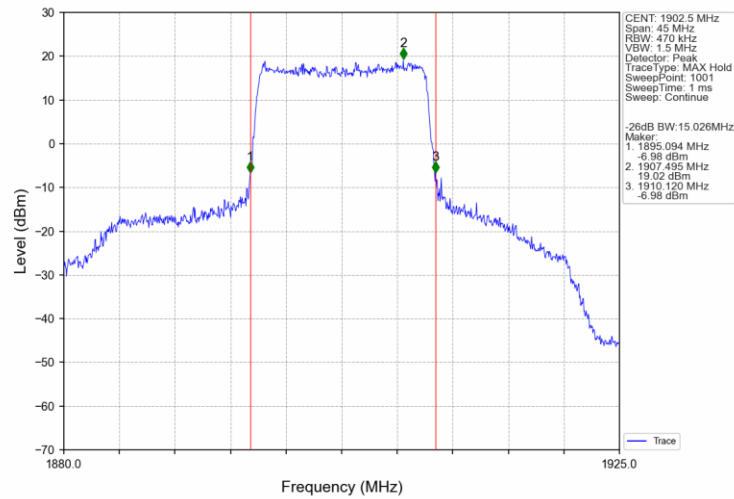
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Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV

