

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	24.72	1.80	26.52	<=33.01	Pass
			2	24.70	1.80	26.50	<=33.01	Pass
			5	24.73	1.80	26.53	<=33.01	Pass
		3	0	24.66	1.80	26.46	<=33.01	Pass
			2	24.64	1.80	26.44	<=33.01	Pass
			3	24.63	1.80	26.43	<=33.01	Pass
		6	0	23.68	1.80	25.48	<=33.01	Pass
	1880	1	0	24.40	1.80	26.20	<=33.01	Pass
			2	24.40	1.80	26.20	<=33.01	Pass
			5	24.41	1.80	26.21	<=33.01	Pass
		3	0	24.43	1.80	26.23	<=33.01	Pass
			2	24.41	1.80	26.21	<=33.01	Pass
			3	24.42	1.80	26.22	<=33.01	Pass
		6	0	23.42	1.80	25.22	<=33.01	Pass
	1909.3	1	0	24.40	1.80	26.20	<=33.01	Pass
			2	24.36	1.80	26.16	<=33.01	Pass
			5	24.39	1.80	26.19	<=33.01	Pass
		3	0	24.46	1.80	26.26	<=33.01	Pass
			2	24.50	1.80	26.30	<=33.01	Pass
			3	24.51	1.80	26.31	<=33.01	Pass
		6	0	23.46	1.80	25.26	<=33.01	Pass
16QAM	1850.7	1	0	23.57	1.80	25.37	<=33.01	Pass
			2	23.60	1.80	25.40	<=33.01	Pass
			5	23.59	1.80	25.39	<=33.01	Pass
		3	0	23.58	1.80	25.38	<=33.01	Pass
			2	23.56	1.80	25.36	<=33.01	Pass
			3	23.55	1.80	25.35	<=33.01	Pass
		6	0	22.72	1.80	24.52	<=33.01	Pass
	1880	1	0	23.65	1.80	25.45	<=33.01	Pass
			2	23.67	1.80	25.47	<=33.01	Pass
			5	23.63	1.80	25.43	<=33.01	Pass
		3	0	23.35	1.80	25.15	<=33.01	Pass
			2	23.32	1.80	25.12	<=33.01	Pass
			3	23.30	1.80	25.10	<=33.01	Pass
		6	0	22.45	1.80	24.25	<=33.01	Pass
	1909.3	1	0	23.60	1.80	25.40	<=33.01	Pass
			2	23.64	1.80	25.44	<=33.01	Pass
			5	23.62	1.80	25.42	<=33.01	Pass
		3	0	23.38	1.80	25.18	<=33.01	Pass
			2	23.41	1.80	25.21	<=33.01	Pass
			3	23.39	1.80	25.19	<=33.01	Pass

		6	0	22.34	1.80	24.14	<=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	24.71	1.80	26.51	<=33.01	Pass
			7	24.71	1.80	26.51	<=33.01	Pass
			14	24.65	1.80	26.45	<=33.01	Pass
		8	0	23.69	1.80	25.49	<=33.01	Pass
			4	23.69	1.80	25.49	<=33.01	Pass
			7	23.68	1.80	25.48	<=33.01	Pass
		15	0	23.68	1.80	25.48	<=33.01	Pass
	1880	1	0	24.52	1.80	26.32	<=33.01	Pass
			7	24.52	1.80	26.32	<=33.01	Pass
			14	24.48	1.80	26.28	<=33.01	Pass
		8	0	23.50	1.80	25.30	<=33.01	Pass
			4	23.45	1.80	25.25	<=33.01	Pass
			7	23.46	1.80	25.26	<=33.01	Pass
		15	0	23.47	1.80	25.27	<=33.01	Pass
	1908.5	1	0	24.47	1.80	26.27	<=33.01	Pass
			7	24.51	1.80	26.31	<=33.01	Pass
			14	24.41	1.80	26.21	<=33.01	Pass
		8	0	23.51	1.80	25.31	<=33.01	Pass
			4	23.51	1.80	25.31	<=33.01	Pass
			7	23.49	1.80	25.29	<=33.01	Pass
		15	0	23.49	1.80	25.29	<=33.01	Pass
16QAM	1851.5	1	0	23.91	1.80	25.71	<=33.01	Pass
			7	23.90	1.80	25.70	<=33.01	Pass
			14	23.81	1.80	25.61	<=33.01	Pass
		8	0	22.74	1.80	24.54	<=33.01	Pass
			4	22.71	1.80	24.51	<=33.01	Pass
			7	22.72	1.80	24.52	<=33.01	Pass
		15	0	22.62	1.80	24.42	<=33.01	Pass
	1880	1	0	23.38	1.80	25.18	<=33.01	Pass
			7	23.40	1.80	25.20	<=33.01	Pass
			14	23.38	1.80	25.18	<=33.01	Pass
		8	0	22.50	1.80	24.30	<=33.01	Pass
			4	22.49	1.80	24.29	<=33.01	Pass
			7	22.48	1.80	24.28	<=33.01	Pass
		15	0	22.39	1.80	24.19	<=33.01	Pass
	1908.5	1	0	23.26	1.80	25.06	<=33.01	Pass
			7	23.27	1.80	25.07	<=33.01	Pass
			14	23.20	1.80	25.00	<=33.01	Pass
		8	0	22.58	1.80	24.38	<=33.01	Pass
			4	22.59	1.80	24.39	<=33.01	Pass
			7	22.58	1.80	24.38	<=33.01	Pass
		15	0	22.53	1.80	24.33	<=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	24.80	1.80	26.60	<=33.01	Pass		
			13	24.74	1.80	26.54	<=33.01	Pass		
			24	24.74	1.80	26.54	<=33.01	Pass		
		12	0	23.69	1.80	25.49	<=33.01	Pass		
			6	23.73	1.80	25.53	<=33.01	Pass		
			13	23.68	1.80	25.48	<=33.01	Pass		
		25	0	23.72	1.80	25.52	<=33.01	Pass		
		1880	1	0	24.15	1.80	25.95	<=33.01	Pass	
				13	24.13	1.80	25.93	<=33.01	Pass	
	24			24.14	1.80	25.94	<=33.01	Pass		
	12		0	23.49	1.80	25.29	<=33.01	Pass		
			6	23.49	1.80	25.29	<=33.01	Pass		
			13	23.47	1.80	25.27	<=33.01	Pass		
	25		0	23.56	1.80	25.36	<=33.01	Pass		
	1907.5		1	0	24.17	1.80	25.97	<=33.01	Pass	
				13	24.16	1.80	25.96	<=33.01	Pass	
		24		24.21	1.80	26.01	<=33.01	Pass		
		12	0	23.51	1.80	25.31	<=33.01	Pass		
			6	23.53	1.80	25.33	<=33.01	Pass		
			13	23.53	1.80	25.33	<=33.01	Pass		
		25	0	23.54	1.80	25.34	<=33.01	Pass		
		16QAM	1852.5	1	0	23.50	1.80	25.30	<=33.01	Pass
					13	23.44	1.80	25.24	<=33.01	Pass
	24				23.45	1.80	25.25	<=33.01	Pass	
12	0			22.73	1.80	24.53	<=33.01	Pass		
	6			22.73	1.80	24.53	<=33.01	Pass		
	13			22.70	1.80	24.50	<=33.01	Pass		
25	0			22.68	1.80	24.48	<=33.01	Pass		
1880	1			0	23.23	1.80	25.03	<=33.01	Pass	
				13	23.16	1.80	24.96	<=33.01	Pass	
			24	23.19	1.80	24.99	<=33.01	Pass		
	12		0	22.54	1.80	24.34	<=33.01	Pass		
			6	22.50	1.80	24.30	<=33.01	Pass		
			13	22.48	1.80	24.28	<=33.01	Pass		
	25		0	22.56	1.80	24.36	<=33.01	Pass		
	1907.5		1	0	23.08	1.80	24.88	<=33.01	Pass	
				13	23.09	1.80	24.89	<=33.01	Pass	
24				23.11	1.80	24.91	<=33.01	Pass		
12			0	22.52	1.80	24.32	<=33.01	Pass		
			6	22.53	1.80	24.33	<=33.01	Pass		
			13	22.52	1.80	24.32	<=33.01	Pass		
25			0	22.56	1.80	24.36	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

Band: 2 / Bandwidth: 10MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	24.56	1.80	26.36	<=33.01	Pass		
			25	24.25	1.80	26.05	<=33.01	Pass		
			49	24.12	1.80	25.92	<=33.01	Pass		
		25	0	23.67	1.80	25.47	<=33.01	Pass		
			13	23.66	1.80	25.46	<=33.01	Pass		
			25	23.73	1.80	25.53	<=33.01	Pass		
		50	0	23.69	1.80	25.49	<=33.01	Pass		
		1880	1	0	23.99	1.80	25.79	<=33.01	Pass	
				25	24.08	1.80	25.88	<=33.01	Pass	
	49			24.04	1.80	25.84	<=33.01	Pass		
	25		0	23.51	1.80	25.31	<=33.01	Pass		
			13	23.51	1.80	25.31	<=33.01	Pass		
			25	23.45	1.80	25.25	<=33.01	Pass		
	50		0	23.50	1.80	25.30	<=33.01	Pass		
	1905		1	0	23.99	1.80	25.79	<=33.01	Pass	
				25	24.03	1.80	25.83	<=33.01	Pass	
		49		24.06	1.80	25.86	<=33.01	Pass		
		25	0	23.50	1.80	25.30	<=33.01	Pass		
			13	23.56	1.80	25.36	<=33.01	Pass		
			25	23.54	1.80	25.34	<=33.01	Pass		
		50	0	23.57	1.80	25.37	<=33.01	Pass		
		16QAM	1855	1	0	23.40	1.80	25.20	<=33.01	Pass
					25	23.39	1.80	25.19	<=33.01	Pass
	49				23.28	1.80	25.08	<=33.01	Pass	
12	0			23.71	1.80	25.51	<=33.01	Pass		
	19			23.73	1.80	25.53	<=33.01	Pass		
	38			23.69	1.80	25.49	<=33.01	Pass		
27	0			22.68	1.80	24.48	<=33.01	Pass		
1880	1			0	22.84	1.80	24.64	<=33.01	Pass	
				25	22.91	1.80	24.71	<=33.01	Pass	
			49	22.91	1.80	24.71	<=33.01	Pass		
	12		0	23.48	1.80	25.28	<=33.01	Pass		
			19	23.49	1.80	25.29	<=33.01	Pass		
			38	23.48	1.80	25.28	<=33.01	Pass		
	27		0	22.49	1.80	24.29	<=33.01	Pass		
	1905		1	0	23.15	1.80	24.95	<=33.01	Pass	
				25	23.19	1.80	24.99	<=33.01	Pass	
49				23.22	1.80	25.02	<=33.01	Pass		
12			0	23.51	1.80	25.31	<=33.01	Pass		
			19	23.57	1.80	25.37	<=33.01	Pass		
			38	23.60	1.80	25.40	<=33.01	Pass		
27			23	22.59	1.80	24.39	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	24.10	1.80	25.90	<=33.01	Pass
			38	24.11	1.80	25.91	<=33.01	Pass
			74	23.93	1.80	25.73	<=33.01	Pass
		36	0	23.63	1.80	25.43	<=33.01	Pass
			18	23.60	1.80	25.40	<=33.01	Pass
			39	23.64	1.80	25.44	<=33.01	Pass
		75	0	23.62	1.80	25.42	<=33.01	Pass
	1880	1	0	23.95	1.80	25.75	<=33.01	Pass
			38	24.08	1.80	25.88	<=33.01	Pass
			74	23.96	1.80	25.76	<=33.01	Pass
		36	0	23.50	1.80	25.30	<=33.01	Pass
			18	23.49	1.80	25.29	<=33.01	Pass
			39	23.44	1.80	25.24	<=33.01	Pass
		75	0	23.50	1.80	25.30	<=33.01	Pass
	1902.5	1	0	23.91	1.80	25.71	<=33.01	Pass
			38	24.00	1.80	25.80	<=33.01	Pass
			74	23.98	1.80	25.78	<=33.01	Pass
		36	0	23.48	1.80	25.28	<=33.01	Pass
			18	23.51	1.80	25.31	<=33.01	Pass
			39	23.54	1.80	25.34	<=33.01	Pass
		75	0	23.52	1.80	25.32	<=33.01	Pass
16QAM	1857.5	1	0	23.41	1.80	25.21	<=33.01	Pass
			38	23.40	1.80	25.20	<=33.01	Pass
			74	23.23	1.80	25.03	<=33.01	Pass
		12	0	23.68	1.80	25.48	<=33.01	Pass
			31	23.67	1.80	25.47	<=33.01	Pass
			63	23.54	1.80	25.34	<=33.01	Pass
		27	0	22.63	1.80	24.43	<=33.01	Pass
	1880	1	0	22.83	1.80	24.63	<=33.01	Pass
			38	22.95	1.80	24.75	<=33.01	Pass
			74	22.82	1.80	24.62	<=33.01	Pass
		12	0	23.41	1.80	25.21	<=33.01	Pass
			31	23.48	1.80	25.28	<=33.01	Pass
			63	23.42	1.80	25.22	<=33.01	Pass
		27	0	22.44	1.80	24.24	<=33.01	Pass
	1902.5	1	0	23.07	1.80	24.87	<=33.01	Pass
			38	23.18	1.80	24.98	<=33.01	Pass
			74	23.16	1.80	24.96	<=33.01	Pass
		12	0	23.48	1.80	25.28	<=33.01	Pass
			31	23.57	1.80	25.37	<=33.01	Pass
			63	23.57	1.80	25.37	<=33.01	Pass
		27	48	22.54	1.80	24.34	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.14	1.80	25.94	<=33.01	Pass
			50	24.13	1.80	25.93	<=33.01	Pass
			99	23.95	1.80	25.75	<=33.01	Pass
		50	0	23.54	1.80	25.34	<=33.01	Pass
			25	23.63	1.80	25.43	<=33.01	Pass
			50	23.61	1.80	25.41	<=33.01	Pass
		100	0	23.58	1.80	25.38	<=33.01	Pass
	1880	1	0	23.81	1.80	25.61	<=33.01	Pass
			50	23.95	1.80	25.75	<=33.01	Pass
			99	23.82	1.80	25.62	<=33.01	Pass
		50	0	23.56	1.80	25.36	<=33.01	Pass
			25	23.51	1.80	25.31	<=33.01	Pass
			50	23.47	1.80	25.27	<=33.01	Pass
		100	0	23.52	1.80	25.32	<=33.01	Pass
	1900	1	0	23.97	1.80	25.77	<=33.01	Pass
			50	24.12	1.80	25.92	<=33.01	Pass
			99	24.07	1.80	25.87	<=33.01	Pass
		50	0	23.45	1.80	25.25	<=33.01	Pass
			25	23.53	1.80	25.33	<=33.01	Pass
			50	23.60	1.80	25.40	<=33.01	Pass
		100	0	23.54	1.80	25.34	<=33.01	Pass
16QAM	1860	1	0	23.25	1.80	25.05	<=33.01	Pass
			50	23.27	1.80	25.07	<=33.01	Pass
			99	23.11	1.80	24.91	<=33.01	Pass
		12	0	23.61	1.80	25.41	<=33.01	Pass
			44	23.64	1.80	25.44	<=33.01	Pass
			88	23.46	1.80	25.26	<=33.01	Pass
		27	0	22.62	1.80	24.42	<=33.01	Pass
	1880	1	0	22.94	1.80	24.74	<=33.01	Pass
			50	23.09	1.80	24.89	<=33.01	Pass
			99	22.96	1.80	24.76	<=33.01	Pass
		12	0	23.43	1.80	25.23	<=33.01	Pass
			44	23.51	1.80	25.31	<=33.01	Pass
			88	23.45	1.80	25.25	<=33.01	Pass
		27	0	22.47	1.80	24.27	<=33.01	Pass
	1900	1	0	23.06	1.80	24.86	<=33.01	Pass
			50	23.21	1.80	25.01	<=33.01	Pass
			99	23.11	1.80	24.91	<=33.01	Pass
		12	0	23.43	1.80	25.23	<=33.01	Pass
			44	23.55	1.80	25.35	<=33.01	Pass
			88	23.49	1.80	25.29	<=33.01	Pass
		27	73	22.47	1.80	24.27	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-11.601	-0.0063	-2.5 to 2.5	Pass
					3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.947	0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-6.866	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-9.298	-0.0050	-2.5 to 2.5	Pass
				40	3.85	7.095	0.0038	-2.5 to 2.5	Pass
				50	3.85	3.533	0.0019	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	5.836	0.0031	-2.5 to 2.5	Pass
					3.85	-7.195	-0.0038	-2.5 to 2.5	Pass
					4.43	13.990	0.0074	-2.5 to 2.5	Pass
				-30	3.85	5.693	0.0030	-2.5 to 2.5	Pass
				-20	3.85	14.391	0.0077	-2.5 to 2.5	Pass
				-10	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				0	3.85	8.068	0.0043	-2.5 to 2.5	Pass
				10	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				50	3.85	16.422	0.0087	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-5.879	-0.0031	-2.5 to 2.5	Pass
					3.85	7.854	0.0041	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	11.315	0.0059	-2.5 to 2.5	Pass
				0	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				40	3.85	9.799	0.0051	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	11.630	0.0063	-2.5 to 2.5	Pass
					3.85	12.288	0.0066	-2.5 to 2.5	Pass
					4.43	-0.329	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	11.587	0.0063	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.436	0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass

				30	3.85	2.689	0.0015	-2.5 to 2.5	Pass
				40	3.85	4.778	0.0026	-2.5 to 2.5	Pass
				50	3.85	6.666	0.0036	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	0.973	0.0005	-2.5 to 2.5	Pass
					3.85	3.905	0.0021	-2.5 to 2.5	Pass
					4.43	6.094	0.0032	-2.5 to 2.5	Pass
				-30	3.85	6.065	0.0032	-2.5 to 2.5	Pass
				-20	3.85	11.516	0.0061	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				40	3.85	14.663	0.0078	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-3.319	-0.0017	-2.5 to 2.5	Pass
					3.85	4.392	0.0023	-2.5 to 2.5	Pass
					4.43	10.657	0.0056	-2.5 to 2.5	Pass
				-30	3.85	10.400	0.0054	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	9.212	0.0048	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass
				30	3.85	4.535	0.0024	-2.5 to 2.5	Pass
				40	3.85	13.232	0.0069	-2.5 to 2.5	Pass
				50	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass

2.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-5.393	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
					4.43	2.275	0.0012	-2.5 to 2.5	Pass
				-30	3.85	16.522	0.0089	-2.5 to 2.5	Pass
				-20	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				0	3.85	9.928	0.0054	-2.5 to 2.5	Pass
				10	3.85	14.620	0.0079	-2.5 to 2.5	Pass
				30	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				40	3.85	6.180	0.0033	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-5.064	-0.0027	-2.5 to 2.5	Pass
					3.85	8.712	0.0046	-2.5 to 2.5	Pass
					4.43	-0.343	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				0	3.85	7.653	0.0041	-2.5 to 2.5	Pass
				10	3.85	10.772	0.0057	-2.5 to 2.5	Pass

				30	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				50	3.85	8.397	0.0045	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-5.250	-0.0028	-2.5 to 2.5	Pass
					3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
					4.43	2.346	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	12.803	0.0067	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0013	-2.5 to 2.5	Pass
				0	3.85	3.390	0.0018	-2.5 to 2.5	Pass
				10	3.85	11.544	0.0060	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass
				50	3.85	10.343	0.0054	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	10.228	0.0055	-2.5 to 2.5	Pass
					3.85	4.191	0.0023	-2.5 to 2.5	Pass
					4.43	14.005	0.0076	-2.5 to 2.5	Pass
				-30	3.85	16.766	0.0091	-2.5 to 2.5	Pass
				-20	3.85	11.630	0.0063	-2.5 to 2.5	Pass
				-10	3.85	6.566	0.0035	-2.5 to 2.5	Pass
				0	3.85	16.365	0.0088	-2.5 to 2.5	Pass
				10	3.85	11.201	0.0060	-2.5 to 2.5	Pass
				30	3.85	7.625	0.0041	-2.5 to 2.5	Pass
				40	3.85	7.839	0.0042	-2.5 to 2.5	Pass
				50	3.85	10.128	0.0055	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	6.967	0.0037	-2.5 to 2.5	Pass
					3.85	7.081	0.0038	-2.5 to 2.5	Pass
					4.43	-6.394	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	6.452	0.0034	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-9.513	-0.0051	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-11.086	-0.0058	-2.5 to 2.5	Pass
					3.85	1.659	0.0009	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	5.465	0.0029	-2.5 to 2.5	Pass
				-20	3.85	2.446	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				10	3.85	7.925	0.0042	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				40	3.85	10.099	0.0053	-2.5 to 2.5	Pass
				50	3.85	13.504	0.0071	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-13.175	-0.0071	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.608	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-8.469	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	4.292	0.0023	-2.5 to 2.5	Pass
				-10	3.85	-11.315	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0040	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				50	3.85	4.449	0.0024	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
					4.43	4.106	0.0022	-2.5 to 2.5	Pass
				-30	3.85	5.107	0.0027	-2.5 to 2.5	Pass
				-20	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				-10	3.85	15.578	0.0083	-2.5 to 2.5	Pass
				0	3.85	11.687	0.0062	-2.5 to 2.5	Pass
				10	3.85	9.298	0.0049	-2.5 to 2.5	Pass
				30	3.85	3.848	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				50	3.85	9.813	0.0052	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-3.605	-0.0019	-2.5 to 2.5	Pass
					3.85	6.895	0.0036	-2.5 to 2.5	Pass
					4.43	-9.298	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.047	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				0	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				30	3.85	5.565	0.0029	-2.5 to 2.5	Pass
				40	3.85	3.290	0.0017	-2.5 to 2.5	Pass
				50	3.85	5.436	0.0028	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	2.189	0.0012	-2.5 to 2.5	Pass
					3.85	1.588	0.0009	-2.5 to 2.5	Pass
					4.43	0.229	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				0	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				10	3.85	5.937	0.0032	-2.5 to 2.5	Pass
				30	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				40	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.101	0.0006	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	10.400	0.0055	-2.5 to 2.5	Pass
					3.85	7.553	0.0040	-2.5 to 2.5	Pass

					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	7.854	0.0042	-2.5 to 2.5	Pass
				-10	3.85	9.856	0.0052	-2.5 to 2.5	Pass
				0	3.85	7.024	0.0037	-2.5 to 2.5	Pass
				10	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				40	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				50	3.85	5.536	0.0029	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	5.193	0.0027	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
					4.43	3.934	0.0021	-2.5 to 2.5	Pass
				-30	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass
				0	3.85	4.978	0.0026	-2.5 to 2.5	Pass
				10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
				40	3.85	5.565	0.0029	-2.5 to 2.5	Pass
				50	3.85	3.448	0.0018	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	1.202	0.0006	-2.5 to 2.5	Pass
					3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
					4.43	2.260	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	5.250	0.0028	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.861	0.0015	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	2.832	0.0015	-2.5 to 2.5	Pass
					3.85	3.219	0.0017	-2.5 to 2.5	Pass
					4.43	2.675	0.0014	-2.5 to 2.5	Pass
				-30	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.835	0.0026	-2.5 to 2.5	Pass
				-10	3.85	3.147	0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.85	4.678	0.0025	-2.5 to 2.5	Pass
				30	3.85	4.148	0.0022	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				50	3.85	4.392	0.0023	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.85	1.316	0.0007	-2.5 to 2.5	Pass

					4.43	-0.343	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	4.249	0.0022	-2.5 to 2.5	Pass
				0	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				10	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.488	0.0008	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.27	-7.567	-0.0041	-2.5 to 2.5	Pass
					3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
					4.43	-2.775	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				10	3.85	7.038	0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	5.007	0.0027	-2.5 to 2.5	Pass
				50	3.85	2.217	0.0012	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	11.816	0.0063	-2.5 to 2.5	Pass
					3.85	7.553	0.0040	-2.5 to 2.5	Pass
					4.43	2.289	0.0012	-2.5 to 2.5	Pass
				-30	3.85	2.718	0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.532	0.0013	-2.5 to 2.5	Pass
				0	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				10	3.85	8.283	0.0044	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				40	3.85	11.401	0.0061	-2.5 to 2.5	Pass
				50	3.85	6.895	0.0037	-2.5 to 2.5	Pass
	1905	27	23	20	3.27	2.604	0.0014	-2.5 to 2.5	Pass
					3.85	8.111	0.0043	-2.5 to 2.5	Pass
					4.43	2.232	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				-10	3.85	5.393	0.0028	-2.5 to 2.5	Pass
				0	3.85	3.891	0.0020	-2.5 to 2.5	Pass
				10	3.85	3.648	0.0019	-2.5 to 2.5	Pass
				30	3.85	6.924	0.0036	-2.5 to 2.5	Pass
				40	3.85	-2.346	-0.0012	-2.5 to 2.5	Pass
				50	3.85	3.219	0.0017	-2.5 to 2.5	Pass

2.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-0.973	-0.0005	-2.5 to 2.5	Pass
					3.85	4.878	0.0026	-2.5 to 2.5	Pass

					4.43	4.148	0.0022	-2.5 to 2.5	Pass
				-30	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.879	0.0032	-2.5 to 2.5	Pass
				0	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				10	3.85	2.875	0.0015	-2.5 to 2.5	Pass
				30	3.85	5.794	0.0031	-2.5 to 2.5	Pass
				40	3.85	4.191	0.0023	-2.5 to 2.5	Pass
				50	3.85	2.761	0.0015	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	5.322	0.0028	-2.5 to 2.5	Pass
					3.85	4.849	0.0026	-2.5 to 2.5	Pass
					4.43	-2.332	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	6.895	0.0037	-2.5 to 2.5	Pass
				-20	3.85	6.237	0.0033	-2.5 to 2.5	Pass
				-10	3.85	4.549	0.0024	-2.5 to 2.5	Pass
				0	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				10	3.85	4.907	0.0026	-2.5 to 2.5	Pass
				30	3.85	5.050	0.0027	-2.5 to 2.5	Pass
				40	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				50	3.85	6.423	0.0034	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	7.224	0.0038	-2.5 to 2.5	Pass
					3.85	7.882	0.0041	-2.5 to 2.5	Pass
					4.43	8.125	0.0043	-2.5 to 2.5	Pass
				-30	3.85	6.723	0.0035	-2.5 to 2.5	Pass
				-20	3.85	4.978	0.0026	-2.5 to 2.5	Pass
				-10	3.85	6.208	0.0033	-2.5 to 2.5	Pass
				0	3.85	6.595	0.0035	-2.5 to 2.5	Pass
				10	3.85	6.337	0.0033	-2.5 to 2.5	Pass
				30	3.85	8.254	0.0043	-2.5 to 2.5	Pass
				40	3.85	7.324	0.0038	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.27	7.253	0.0039	-2.5 to 2.5	Pass
					3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
					4.43	8.283	0.0045	-2.5 to 2.5	Pass
				-30	3.85	8.068	0.0043	-2.5 to 2.5	Pass
				-20	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				10	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	3.777	0.0020	-2.5 to 2.5	Pass
				50	3.85	6.180	0.0033	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	5.951	0.0032	-2.5 to 2.5	Pass
					3.85	0.772	0.0004	-2.5 to 2.5	Pass
					4.43	5.379	0.0029	-2.5 to 2.5	Pass
				-30	3.85	5.465	0.0029	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0009	-2.5 to 2.5	Pass
				-10	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				0	3.85	5.465	0.0029	-2.5 to 2.5	Pass
				10	3.85	4.549	0.0024	-2.5 to 2.5	Pass

				30	3.85	3.505	0.0019	-2.5 to 2.5	Pass
				40	3.85	6.580	0.0035	-2.5 to 2.5	Pass
				50	3.85	5.393	0.0029	-2.5 to 2.5	Pass
	1902.5	27	48	20	3.27	10.729	0.0056	-2.5 to 2.5	Pass
					3.85	2.575	0.0014	-2.5 to 2.5	Pass
					4.43	0.272	0.0001	-2.5 to 2.5	Pass
				-30	3.85	5.379	0.0028	-2.5 to 2.5	Pass
				-20	3.85	6.537	0.0034	-2.5 to 2.5	Pass
				-10	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				10	3.85	8.297	0.0044	-2.5 to 2.5	Pass
				30	3.85	1.802	0.0009	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	0.186	0.0001	-2.5 to 2.5	Pass
					3.85	1.330	0.0007	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	3.691	0.0020	-2.5 to 2.5	Pass
				-10	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				0	3.85	3.018	0.0016	-2.5 to 2.5	Pass
				10	3.85	4.549	0.0024	-2.5 to 2.5	Pass
				30	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				40	3.85	4.106	0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	2.389	0.0013	-2.5 to 2.5	Pass
					3.85	2.217	0.0012	-2.5 to 2.5	Pass
					4.43	2.131	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				-10	3.85	3.676	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				10	3.85	5.450	0.0029	-2.5 to 2.5	Pass
				30	3.85	4.606	0.0025	-2.5 to 2.5	Pass
				40	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.704	0.0014	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	3.290	0.0017	-2.5 to 2.5	Pass
					3.85	3.605	0.0019	-2.5 to 2.5	Pass
					4.43	4.392	0.0023	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0016	-2.5 to 2.5	Pass
				-20	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				0	3.85	5.693	0.0030	-2.5 to 2.5	Pass
				10	3.85	4.749	0.0025	-2.5 to 2.5	Pass

				30	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				50	3.85	2.732	0.0014	-2.5 to 2.5	Pass
16QAM	1860	27	0	20	3.27	6.208	0.0033	-2.5 to 2.5	Pass
					3.85	3.462	0.0019	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				0	3.85	2.646	0.0014	-2.5 to 2.5	Pass
				10	3.85	4.148	0.0022	-2.5 to 2.5	Pass
				30	3.85	7.381	0.0040	-2.5 to 2.5	Pass
				40	3.85	4.892	0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	4.992	0.0027	-2.5 to 2.5	Pass
					3.85	0.443	0.0002	-2.5 to 2.5	Pass
					4.43	7.453	0.0040	-2.5 to 2.5	Pass
				-30	3.85	3.777	0.0020	-2.5 to 2.5	Pass
				-20	3.85	4.463	0.0024	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				0	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				10	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				50	3.85	3.133	0.0017	-2.5 to 2.5	Pass
	1900	27	73	20	3.27	4.420	0.0023	-2.5 to 2.5	Pass
					3.85	1.030	0.0005	-2.5 to 2.5	Pass
					4.43	3.991	0.0021	-2.5 to 2.5	Pass
				-30	3.85	6.323	0.0033	-2.5 to 2.5	Pass
				-20	3.85	2.275	0.0012	-2.5 to 2.5	Pass
				-10	3.85	6.766	0.0036	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				40	3.85	2.360	0.0012	-2.5 to 2.5	Pass
				50	3.85	2.317	0.0012	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

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

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTV						
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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

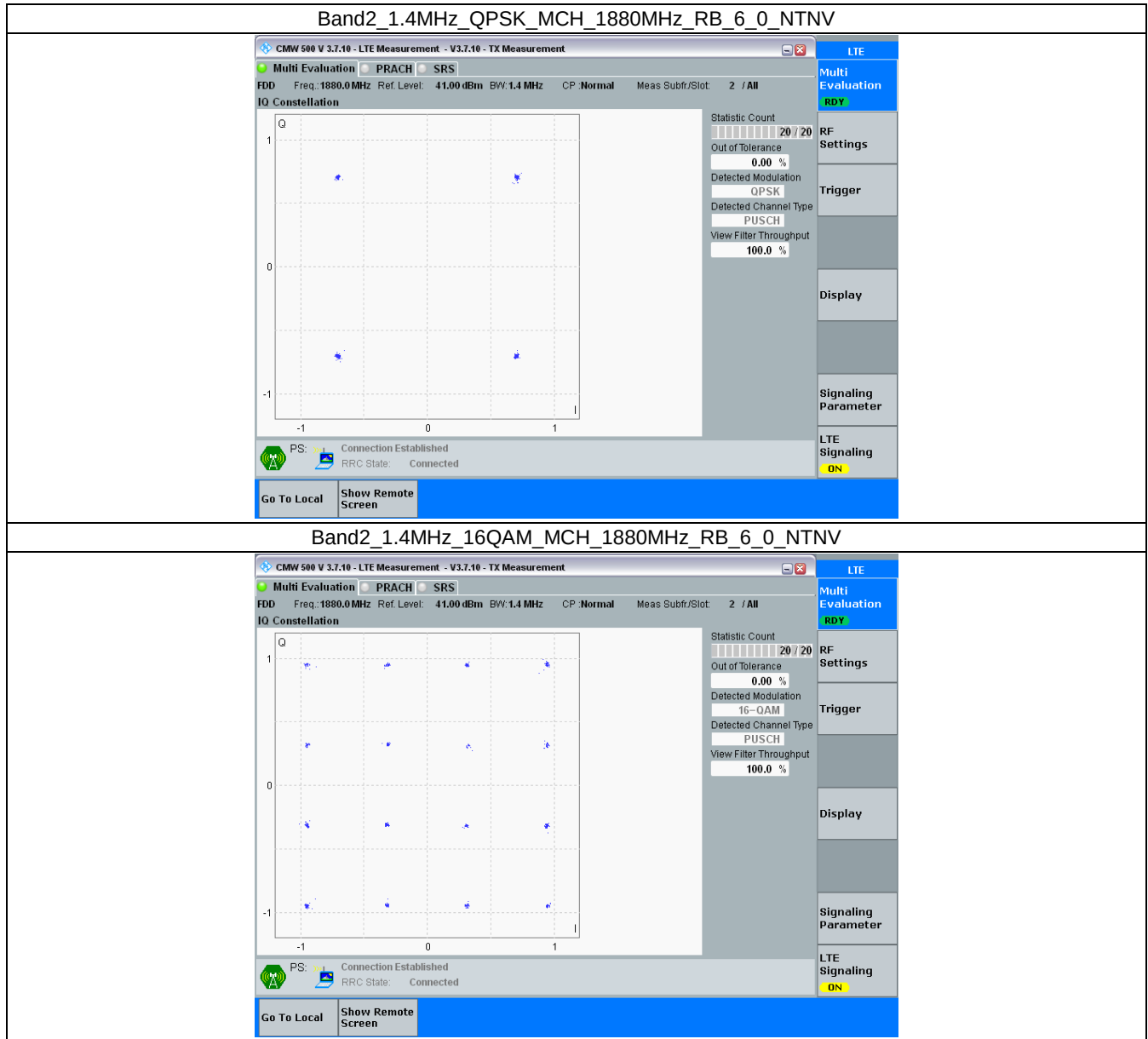
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

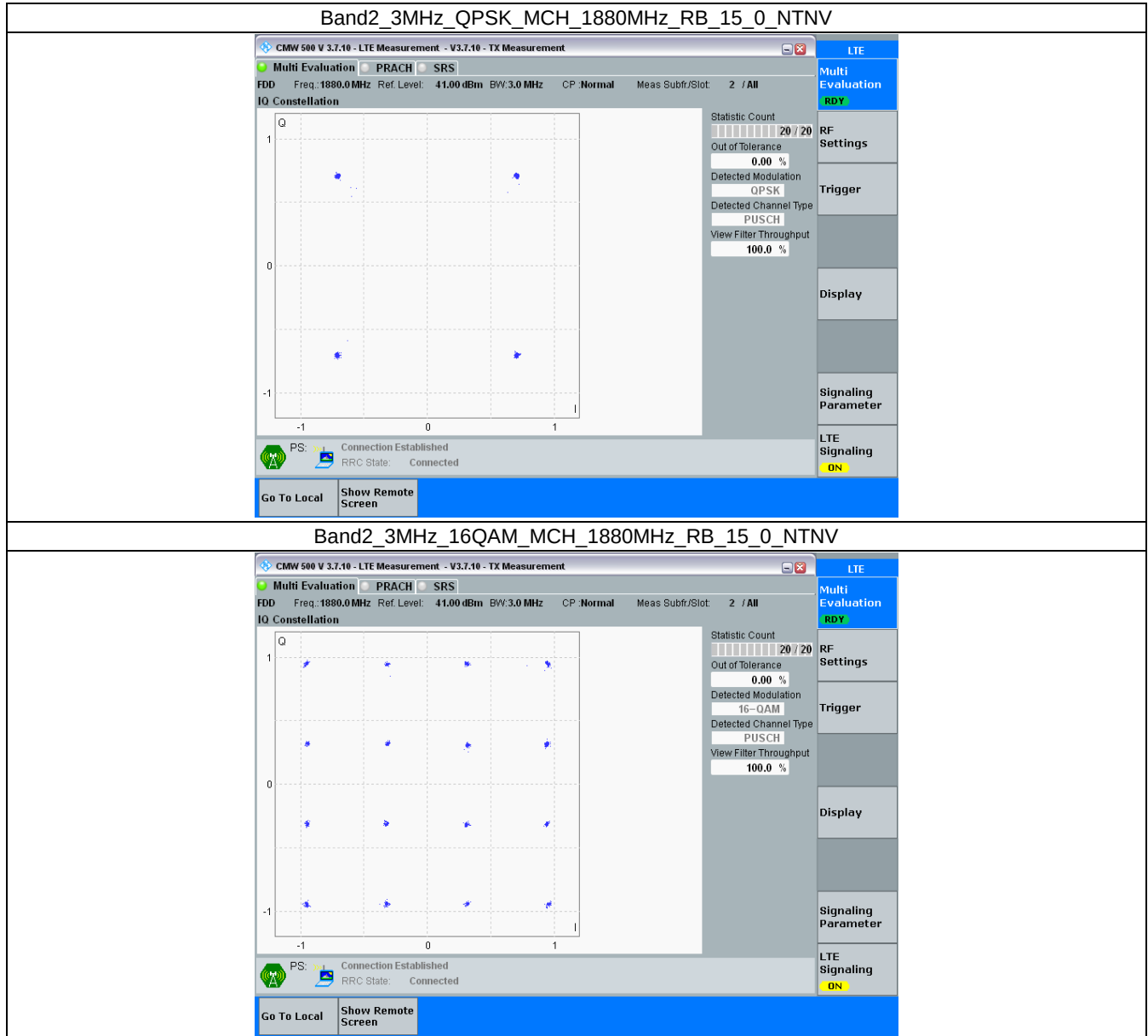
Band: 2 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.2 Test Graph

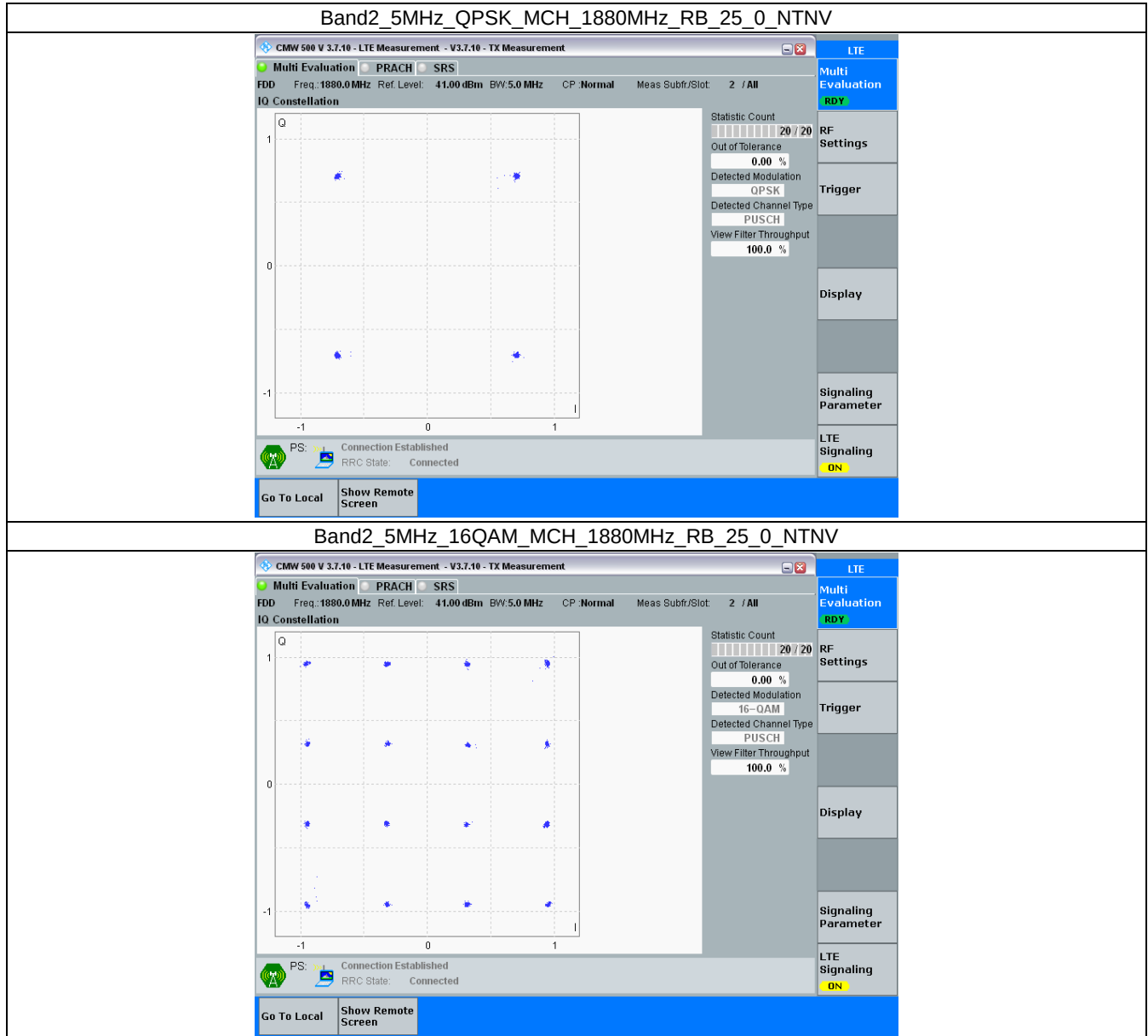
3.2.1 B2_1.4MHz



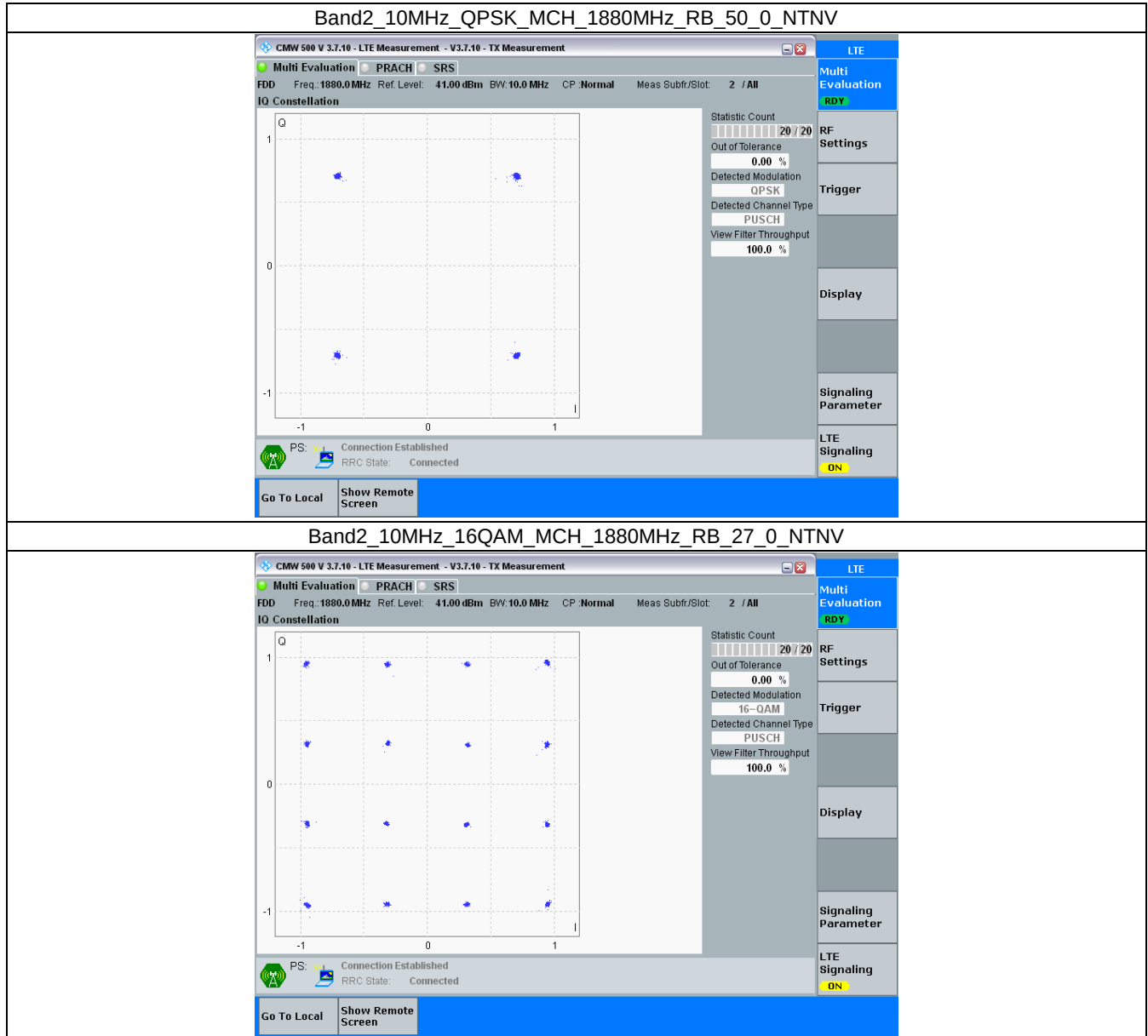
3.2.2 B2_3MHz



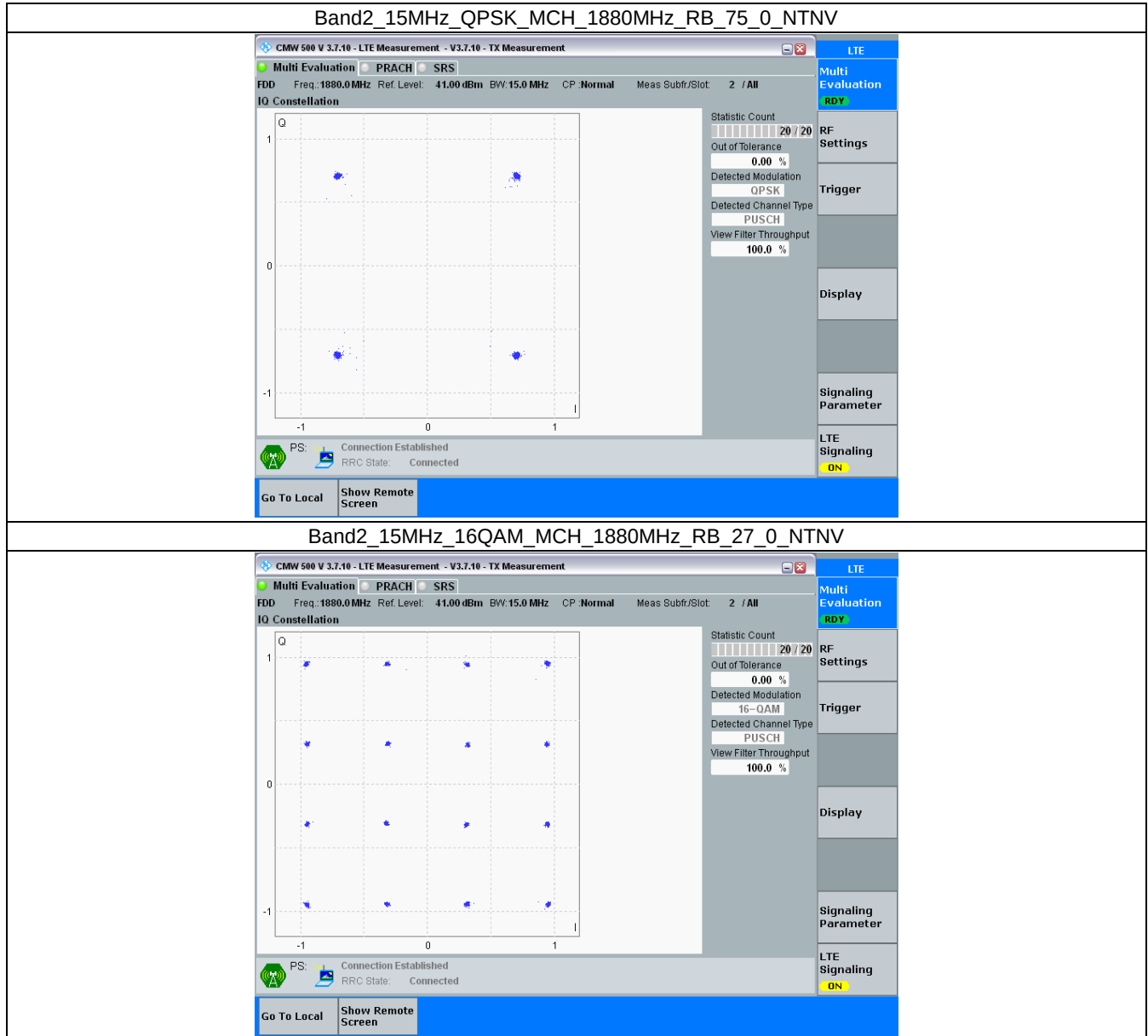
3.2.3 B2_5MHz



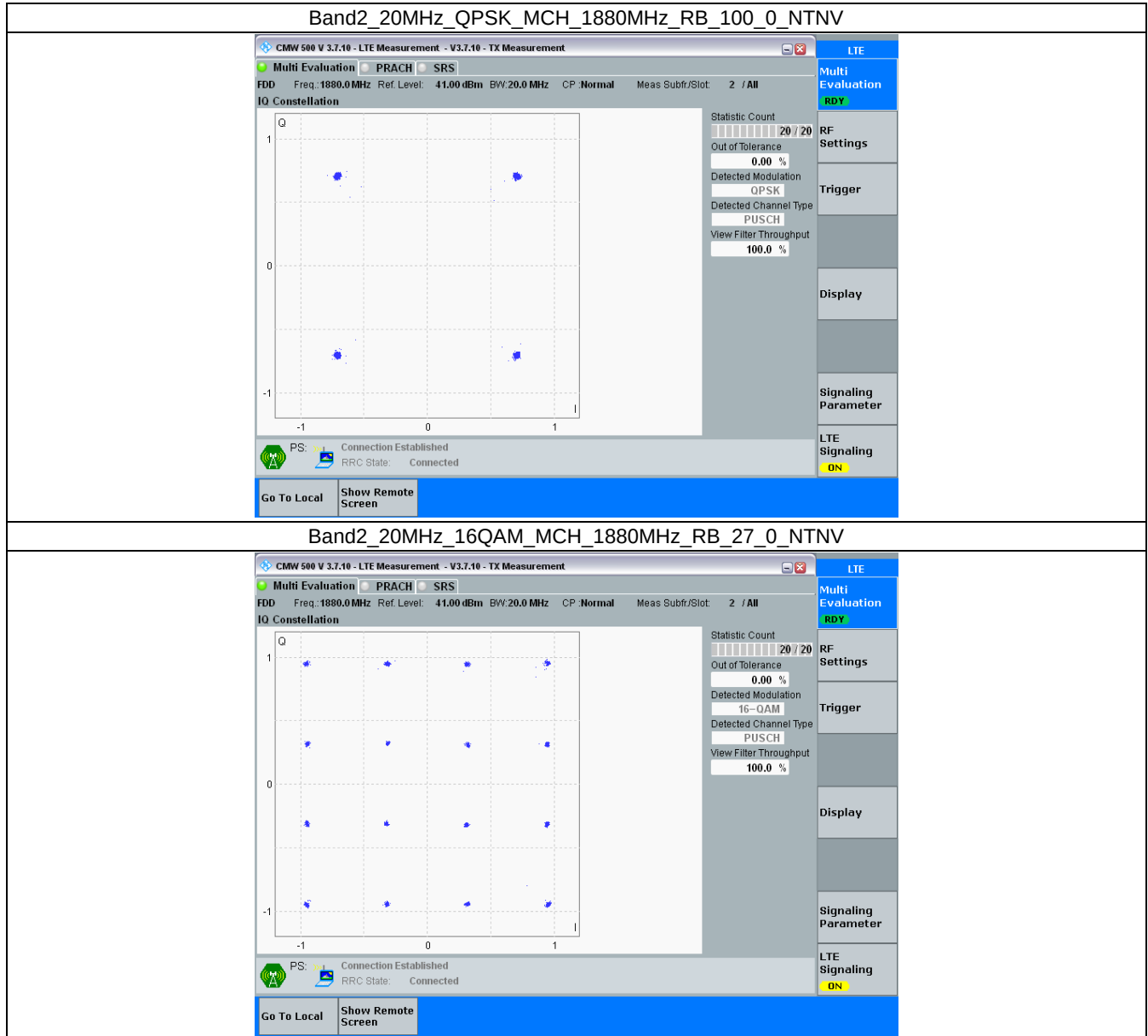
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

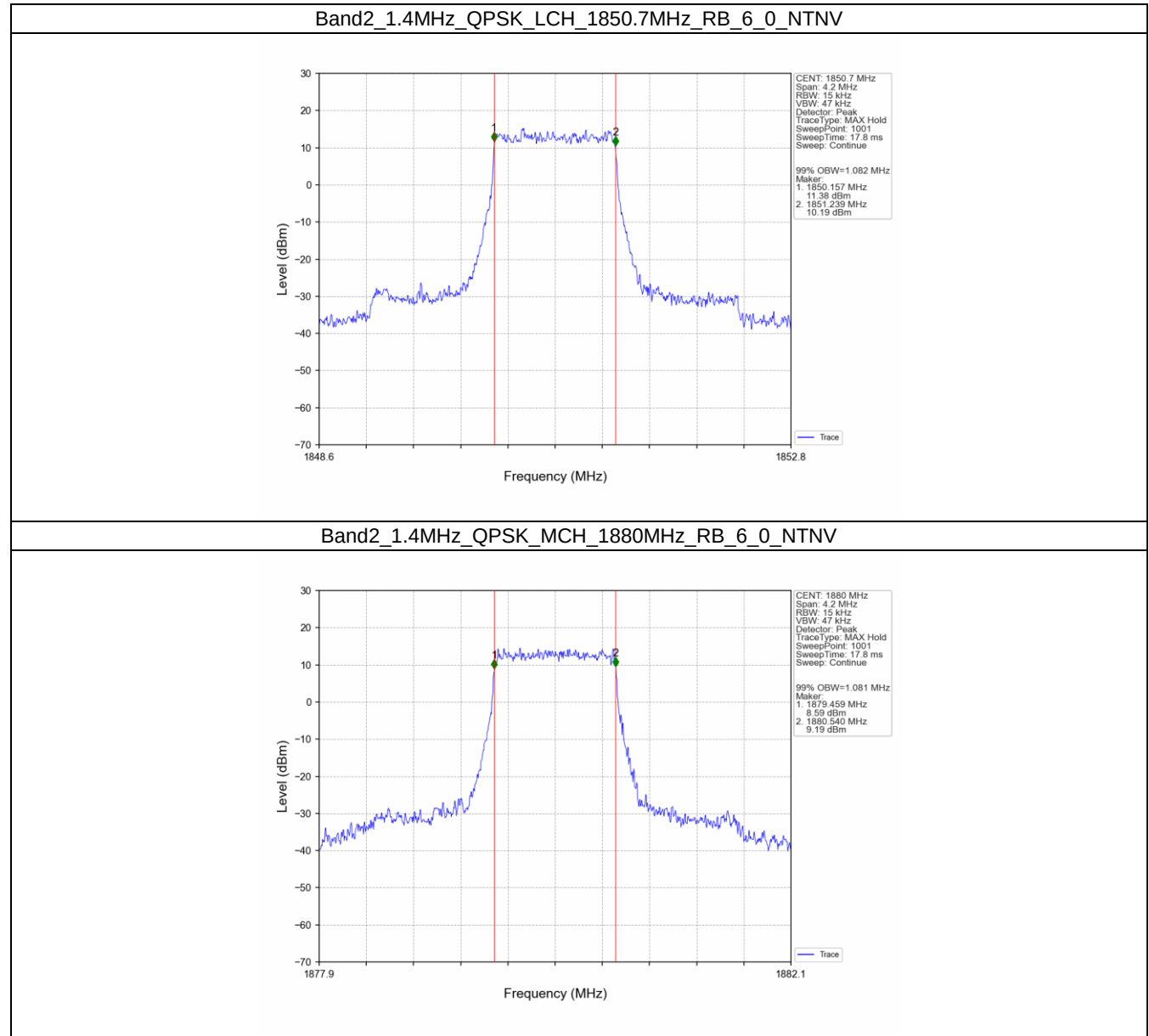
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.082	/	Pass
		1880	6	0	1.081	/	Pass
		1909.3	6	0	1.079	/	Pass
	16QAM	1850.7	6	0	1.080	/	Pass
		1880	6	0	1.077	/	Pass
		1909.3	6	0	1.080	/	Pass
3	QPSK	1851.5	15	0	2.685	/	Pass
		1880	15	0	2.686	/	Pass
		1908.5	15	0	2.682	/	Pass
	16QAM	1851.5	15	0	2.678	/	Pass
		1880	15	0	2.685	/	Pass
		1908.5	15	0	2.676	/	Pass
5	QPSK	1852.5	25	0	4.469	/	Pass
		1880	25	0	4.465	/	Pass
		1907.5	25	0	4.469	/	Pass
	16QAM	1852.5	25	0	4.473	/	Pass
		1880	25	0	4.470	/	Pass
		1907.5	25	0	4.473	/	Pass
10	QPSK	1855	50	0	8.965	/	Pass
		1880	50	0	8.958	/	Pass
		1905	50	0	8.967	/	Pass
	16QAM	1855	27	0	4.853	/	Pass
		1880	27	0	4.833	/	Pass
		1905	27	23	4.843	/	Pass
15	QPSK	1857.5	75	0	13.441	/	Pass
		1880	75	0	13.404	/	Pass
		1902.5	75	0	13.413	/	Pass
	16QAM	1857.5	27	0	4.842	/	Pass
		1880	27	0	4.848	/	Pass
		1902.5	27	48	4.835	/	Pass
20	QPSK	1860	100	0	17.875	/	Pass
		1880	100	0	17.873	/	Pass
		1900	100	0	17.900	/	Pass
	16QAM	1860	27	0	4.837	/	Pass
		1880	27	0	4.837	/	Pass
		1900	27	73	4.832	/	Pass

4.1.2 Band2_XDB

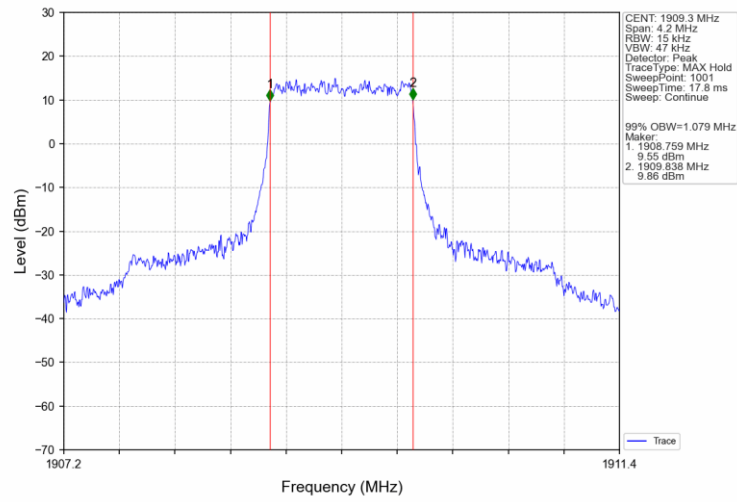
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.242	/	Pass
		1880	6	0	1.251	/	Pass
		1909.3	6	0	1.237	/	Pass
	16QAM	1850.7	6	0	1.262	/	Pass
		1880	6	0	1.224	/	Pass
		1909.3	6	0	1.263	/	Pass
3	QPSK	1851.5	15	0	2.881	/	Pass
		1880	15	0	2.896	/	Pass
		1908.5	15	0	2.883	/	Pass
	16QAM	1851.5	15	0	2.885	/	Pass
		1880	15	0	2.892	/	Pass
		1908.5	15	0	2.906	/	Pass
5	QPSK	1852.5	25	0	4.841	/	Pass
		1880	25	0	4.858	/	Pass
		1907.5	25	0	4.904	/	Pass
	16QAM	1852.5	25	0	4.914	/	Pass
		1880	25	0	4.861	/	Pass
		1907.5	25	0	4.856	/	Pass
10	QPSK	1855	50	0	9.644	/	Pass
		1880	50	0	9.528	/	Pass
		1905	50	0	9.630	/	Pass
	16QAM	1855	27	0	5.540	/	Pass
		1880	27	0	5.455	/	Pass
		1905	27	23	5.428	/	Pass
15	QPSK	1857.5	75	0	14.419	/	Pass
		1880	75	0	14.383	/	Pass
		1902.5	75	0	14.415	/	Pass
	16QAM	1857.5	27	0	5.454	/	Pass
		1880	27	0	5.494	/	Pass
		1902.5	27	48	5.445	/	Pass
20	QPSK	1860	100	0	18.966	/	Pass
		1880	100	0	19.061	/	Pass
		1900	100	0	18.955	/	Pass
	16QAM	1860	27	0	5.621	/	Pass
		1880	27	0	5.603	/	Pass
		1900	27	73	5.578	/	Pass

4.2 Test Graph

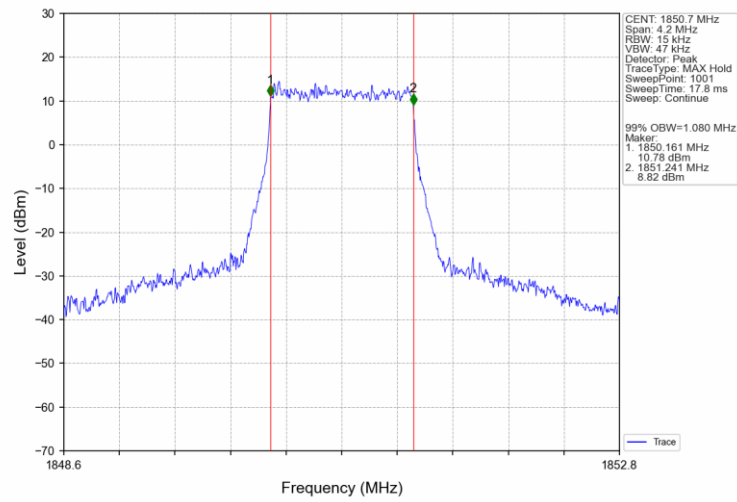
4.2.1 Band2_OBW



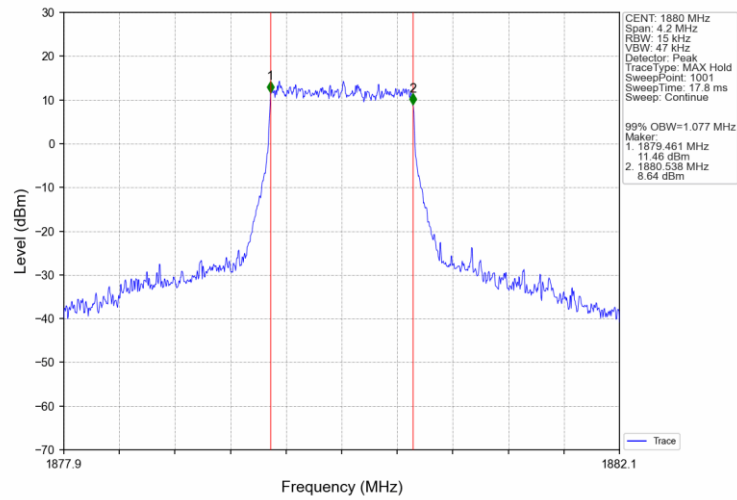
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



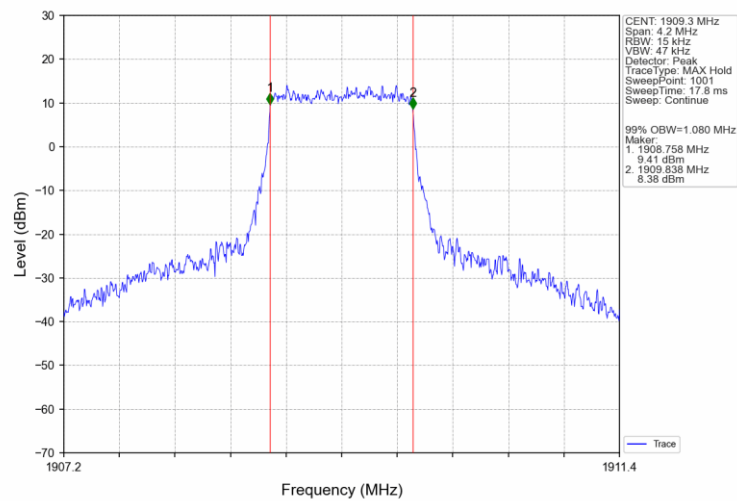
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



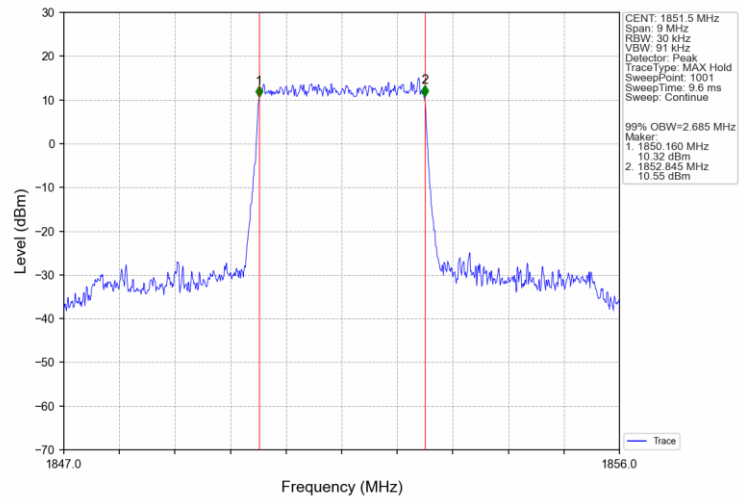
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



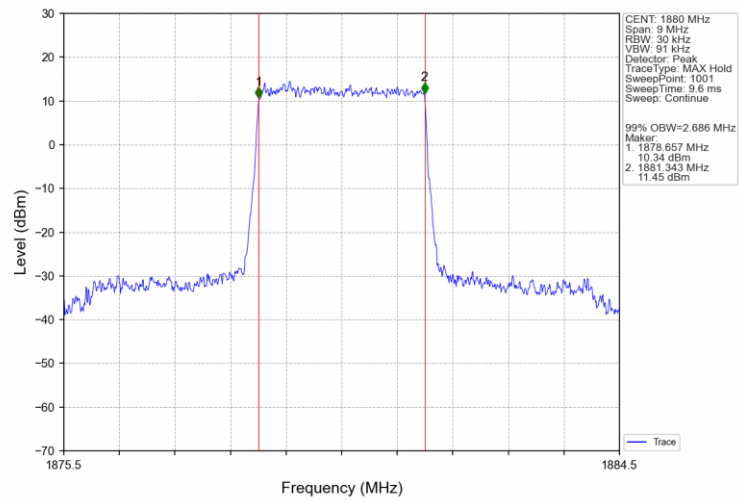
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



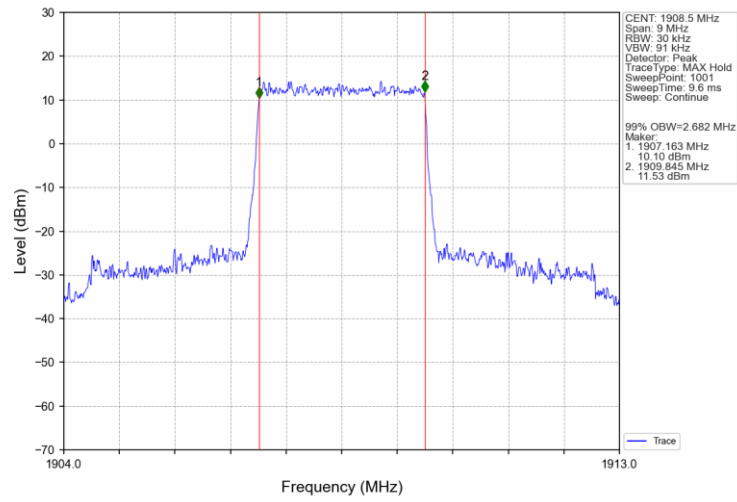
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



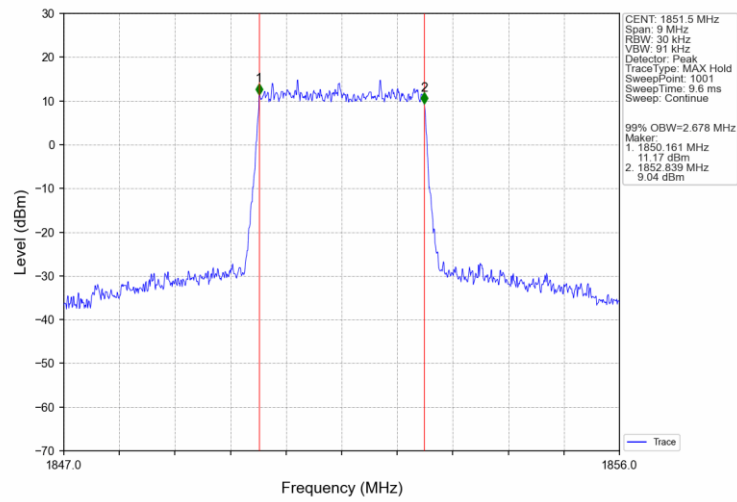
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



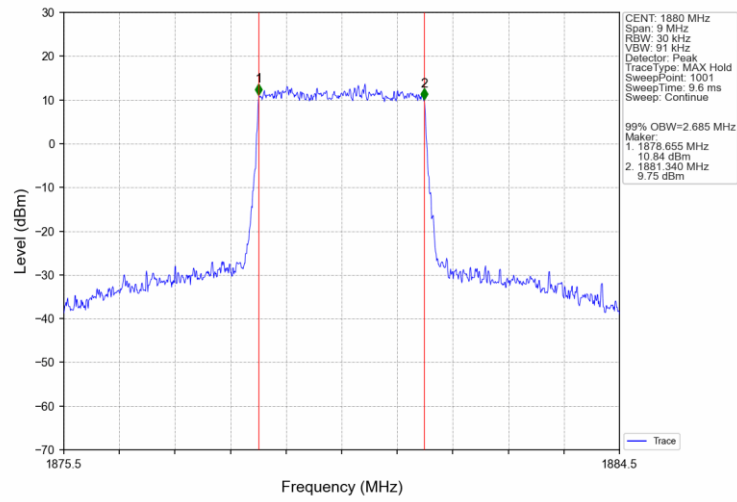
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



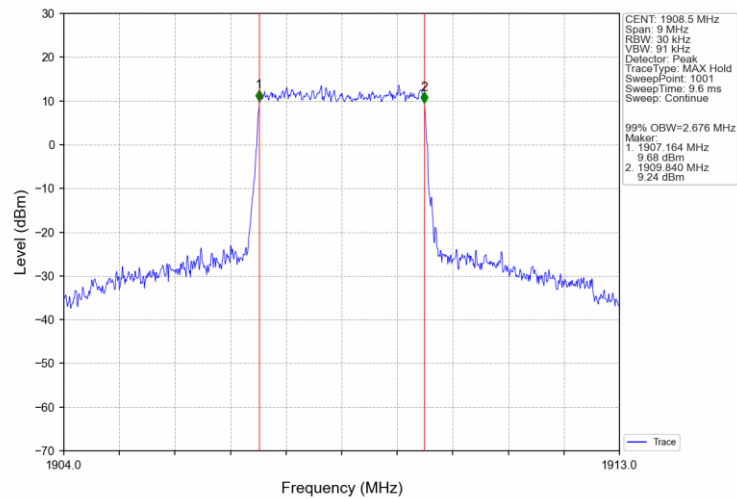
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



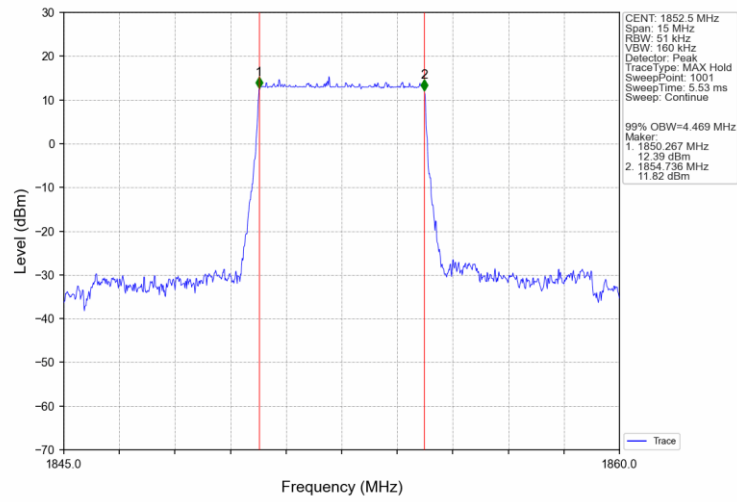
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



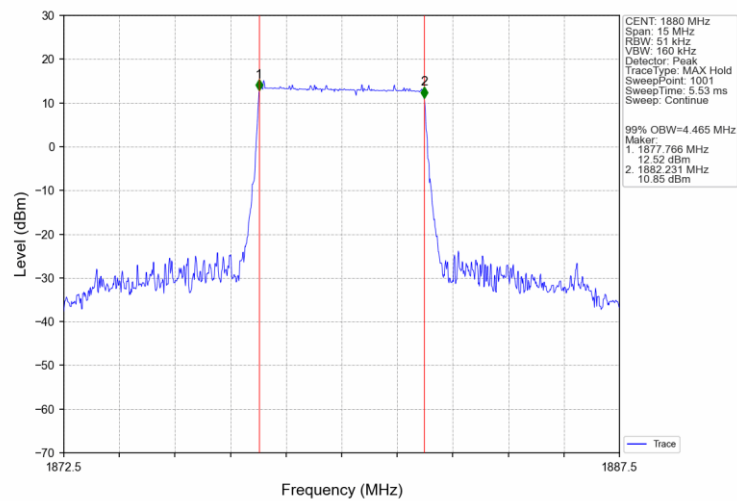
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



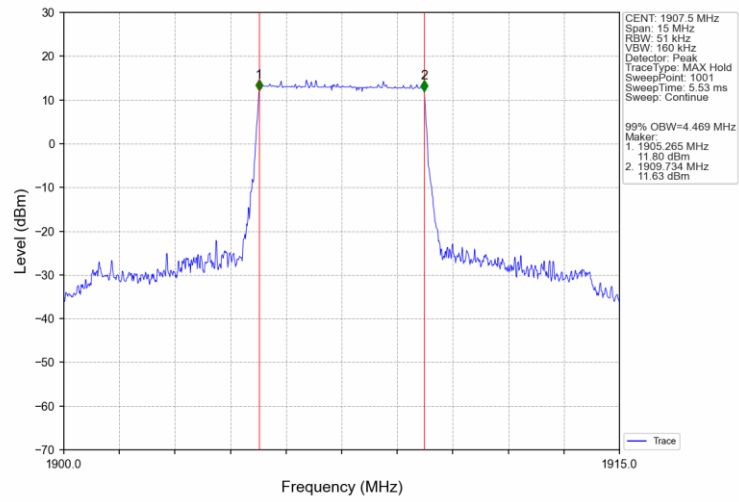
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



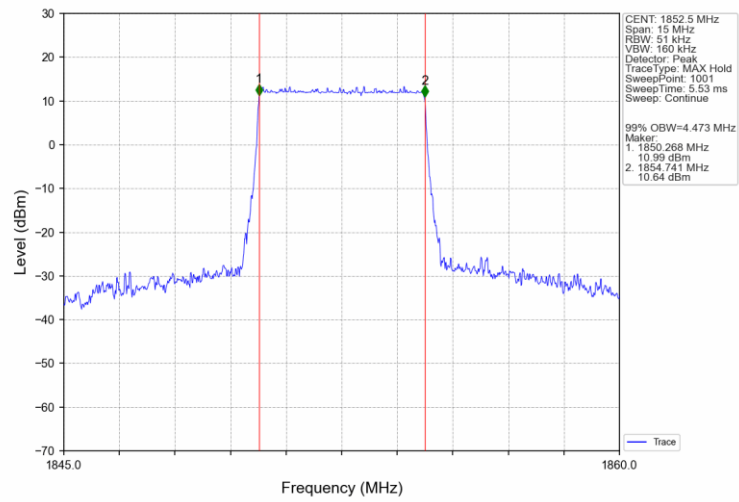
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



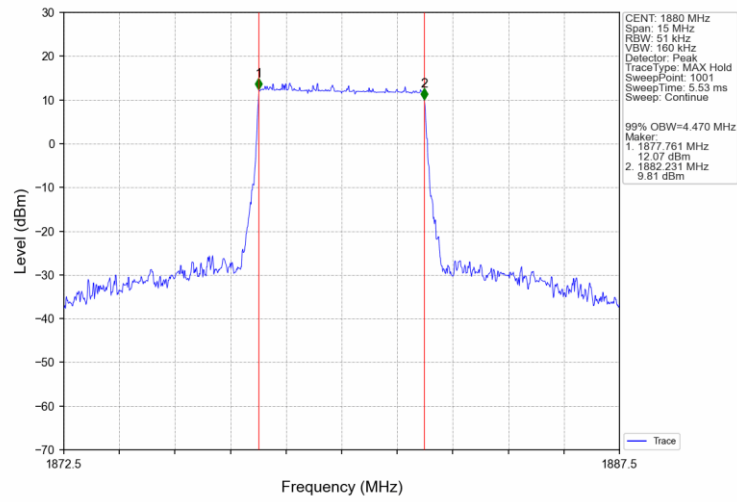
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



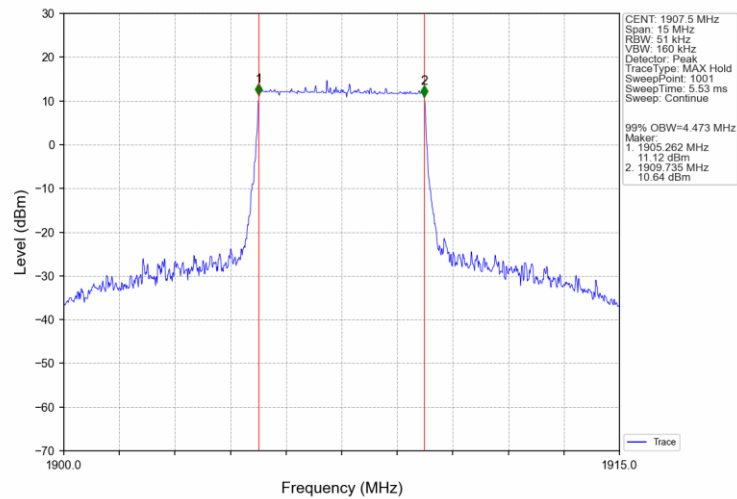
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



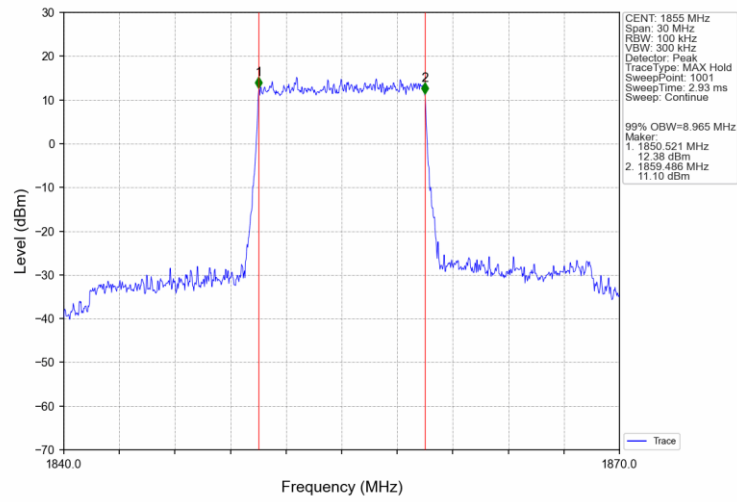
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



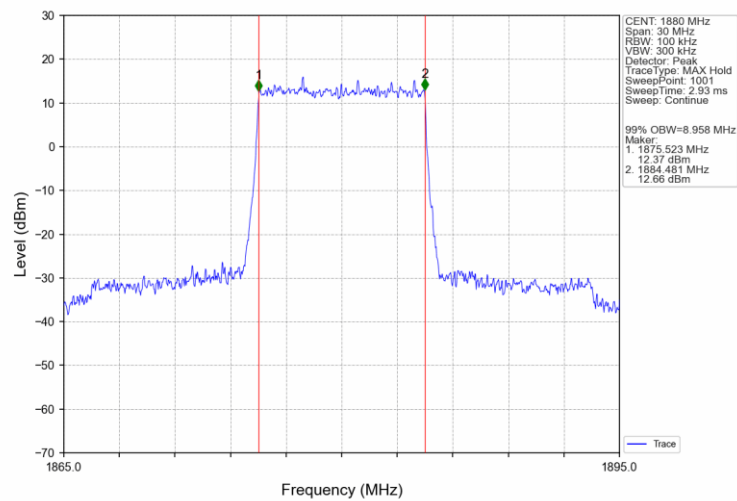
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



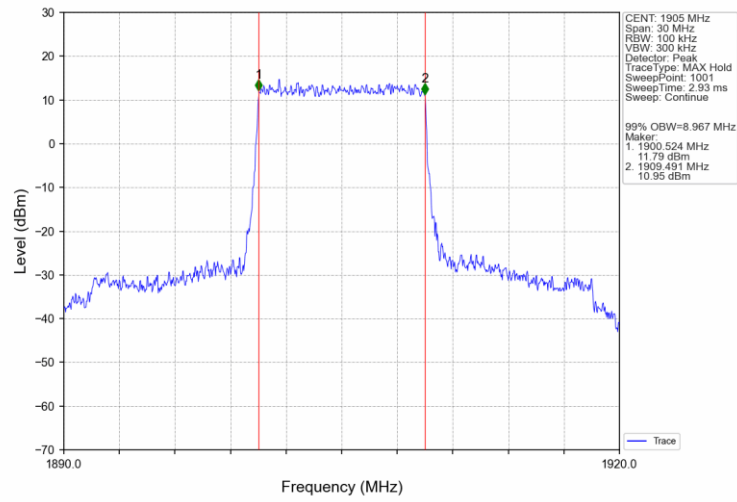
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



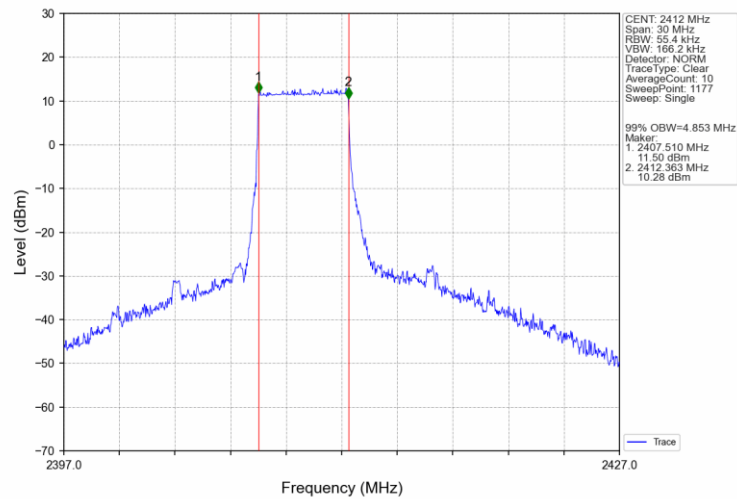
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



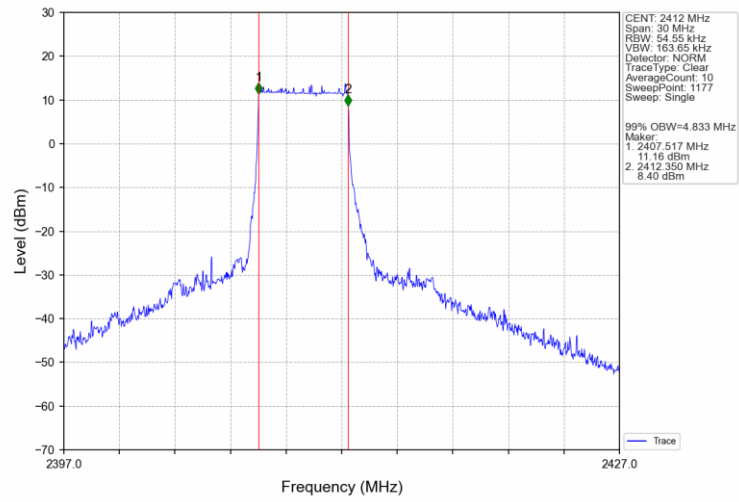
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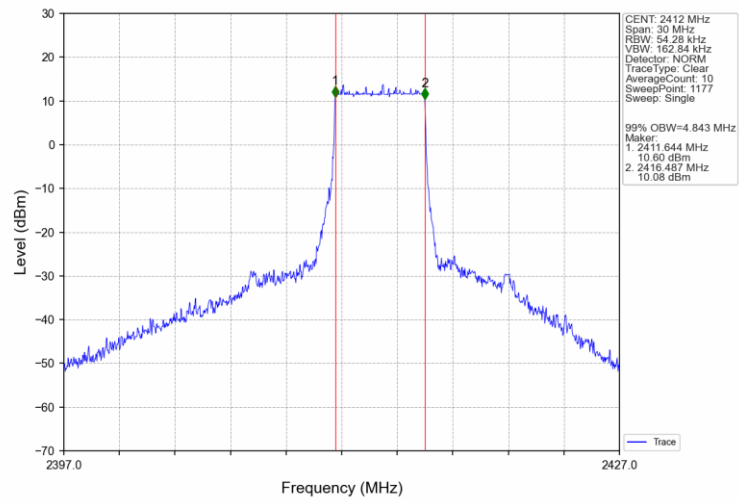
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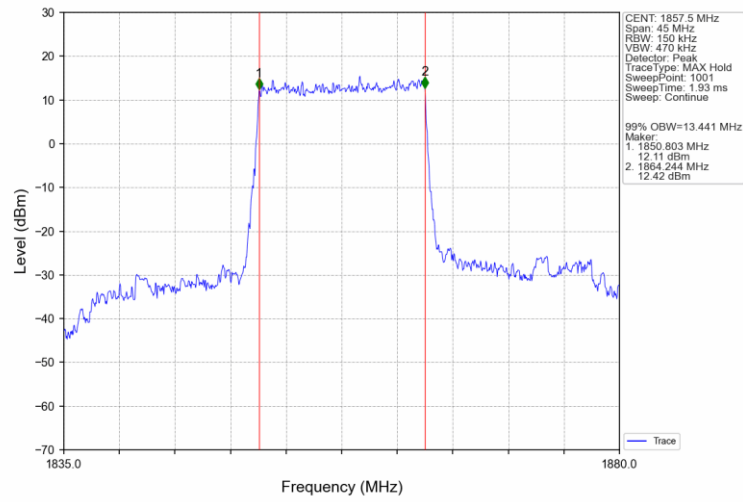
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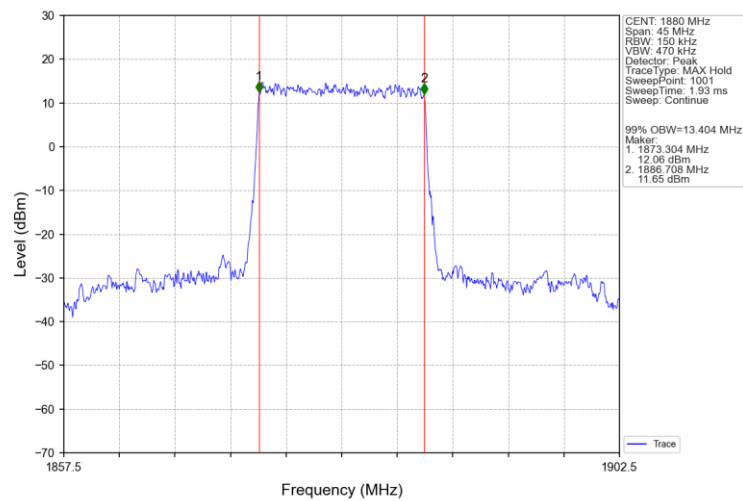
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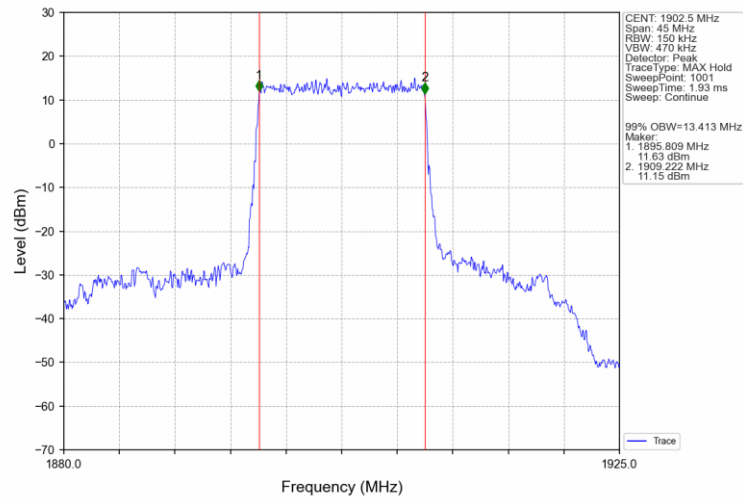
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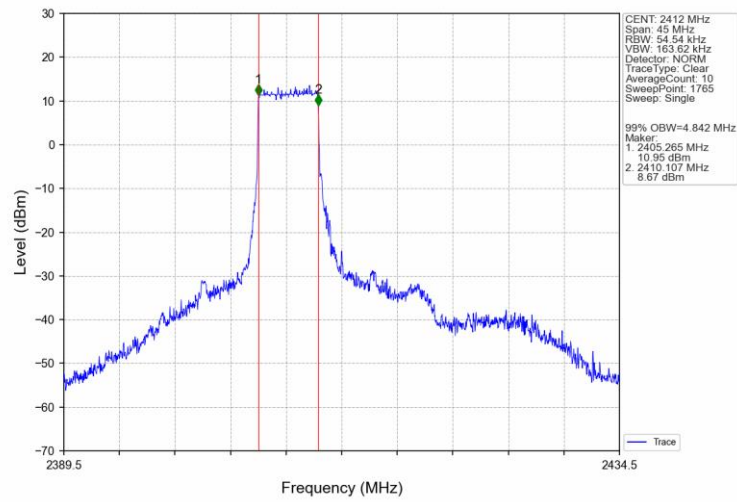
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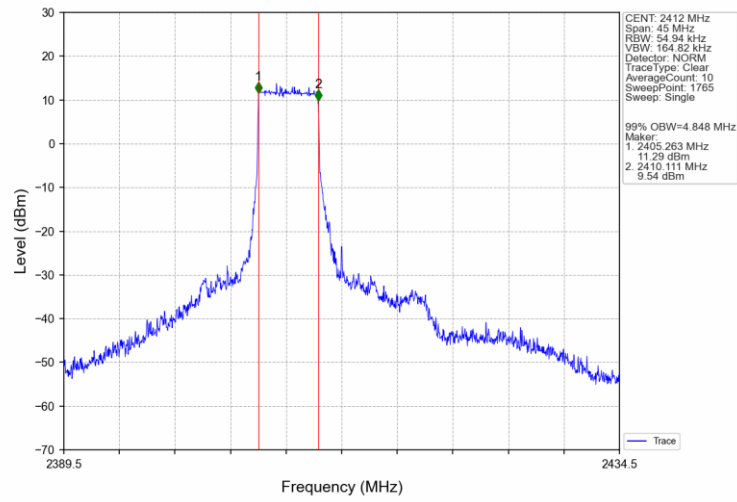
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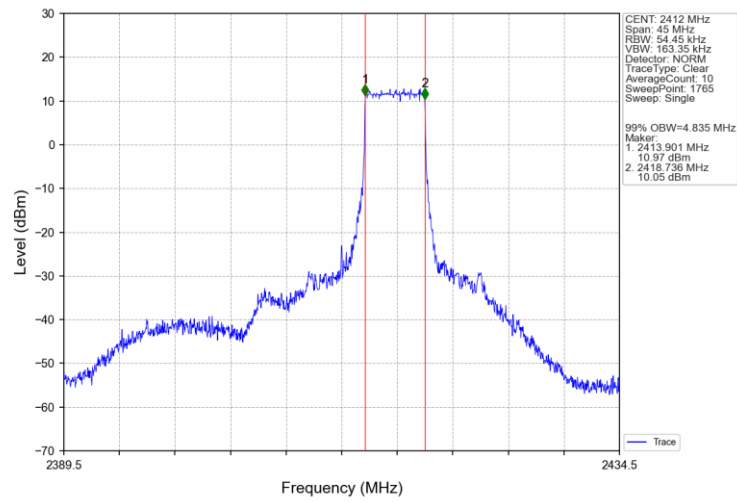
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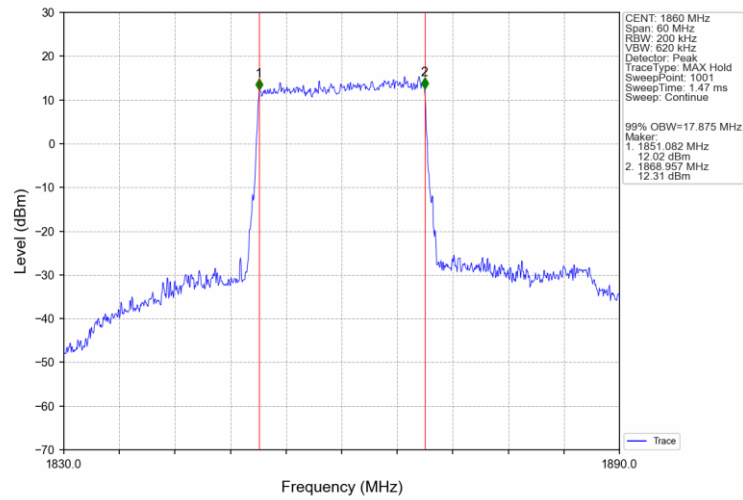
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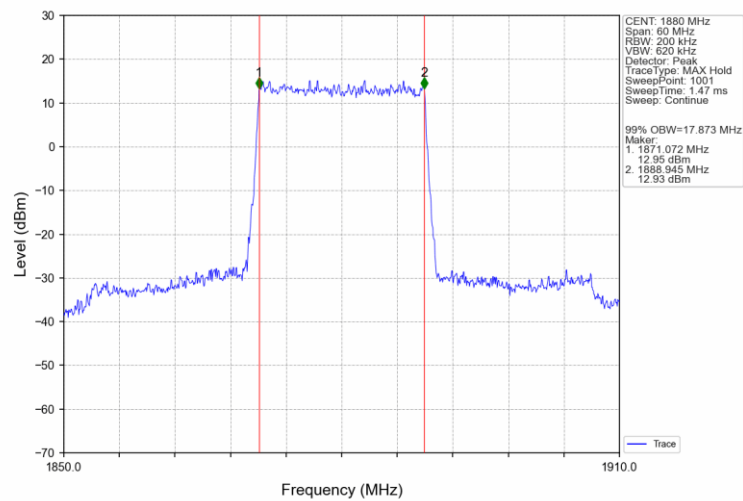
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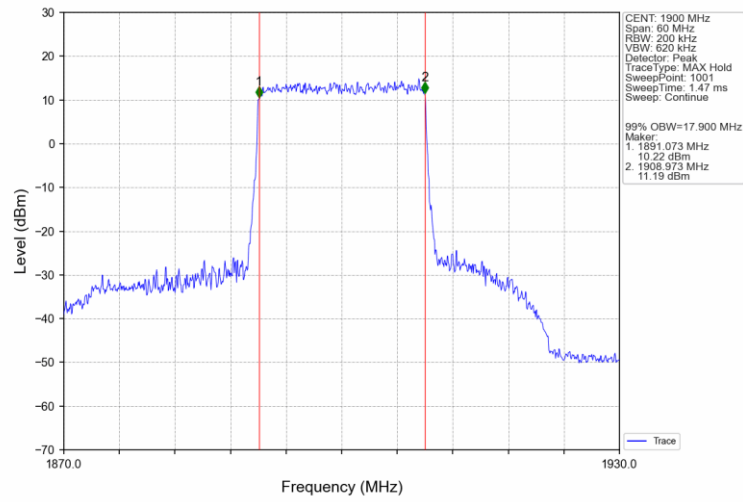
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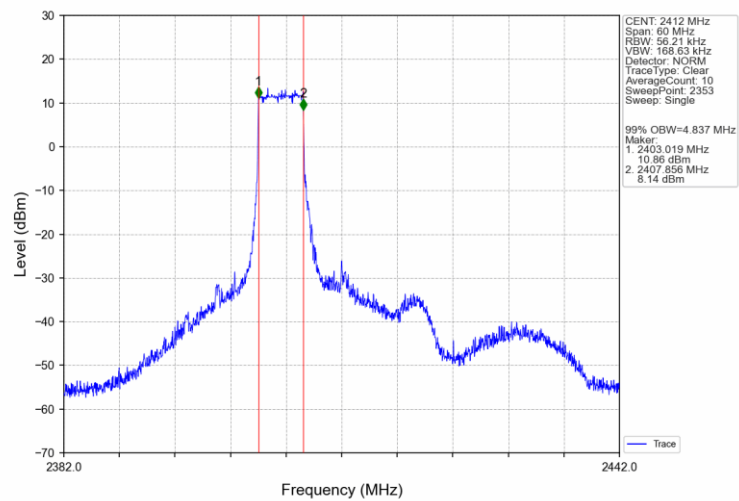
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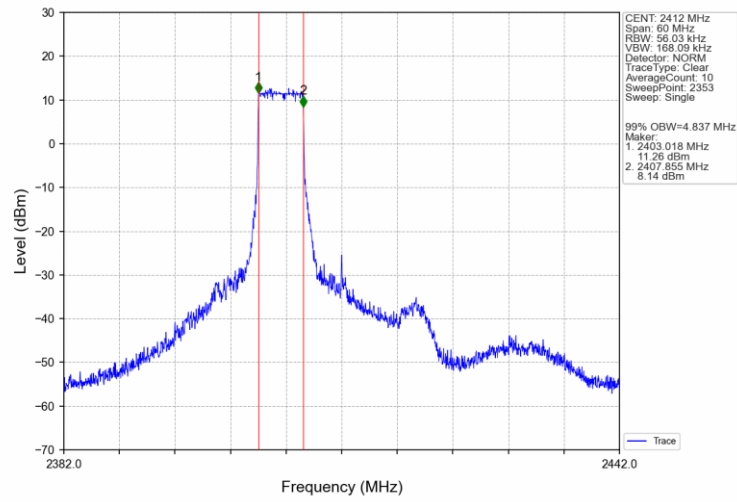
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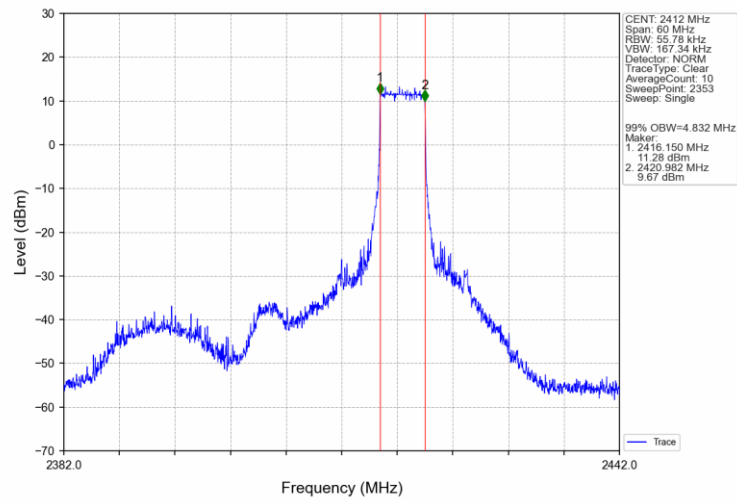
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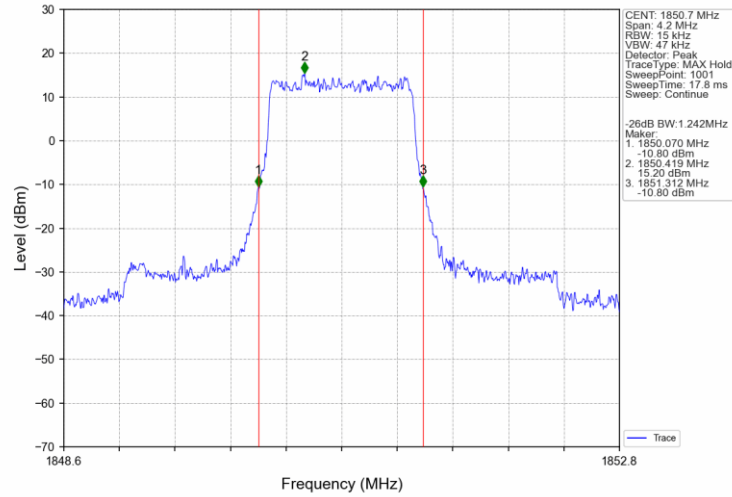


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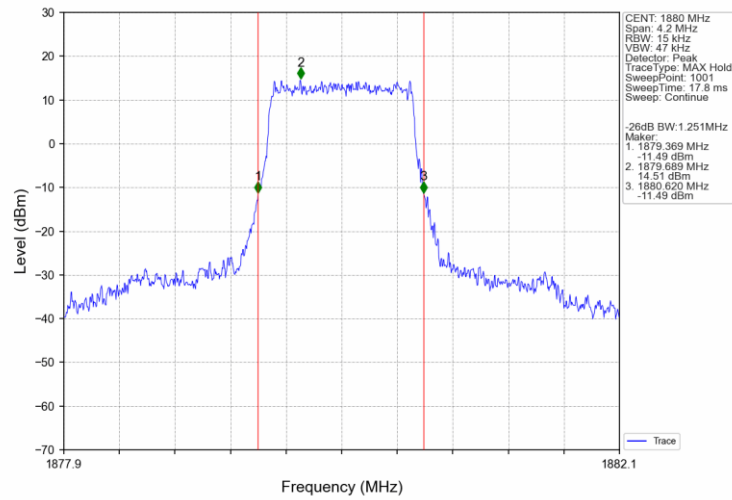


4.2.2 Band2_XDB

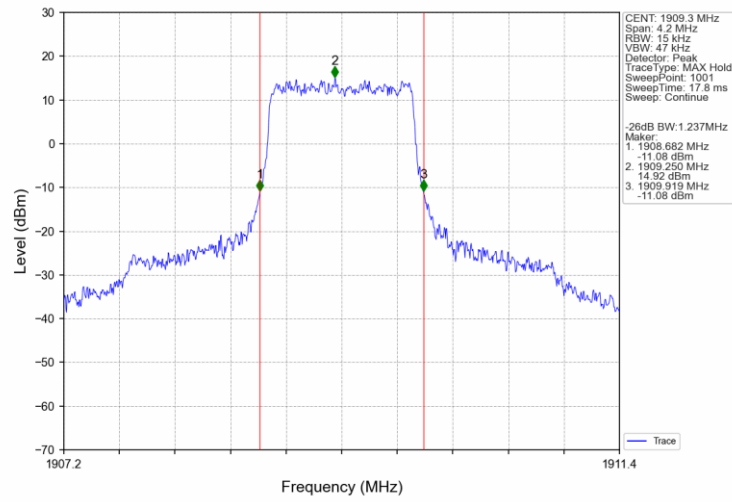
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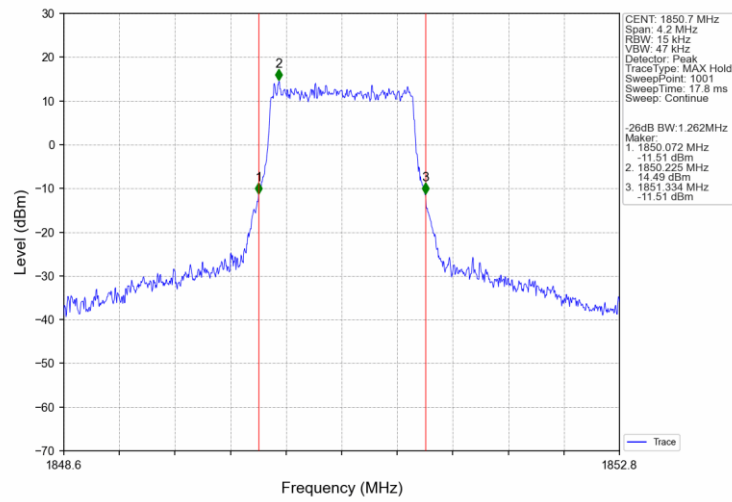
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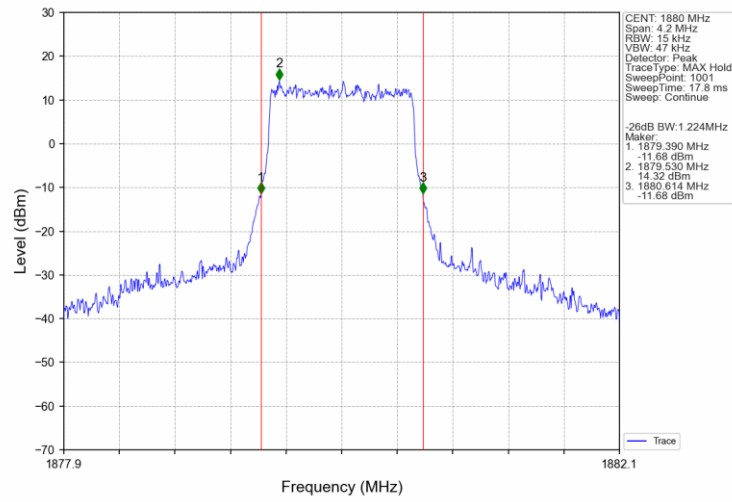
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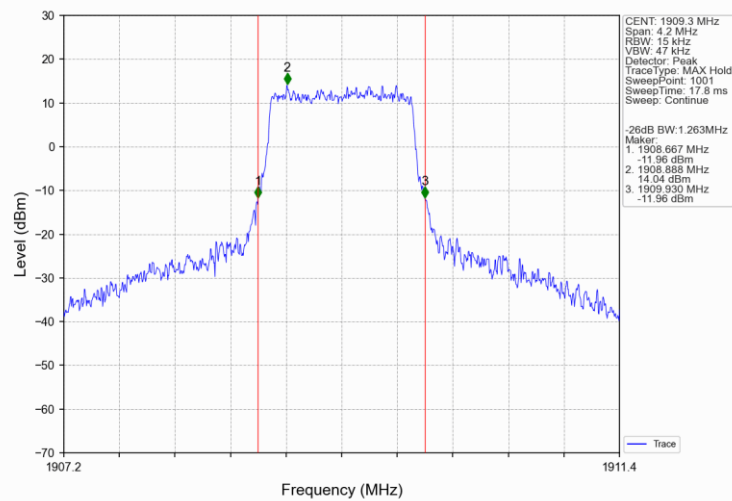
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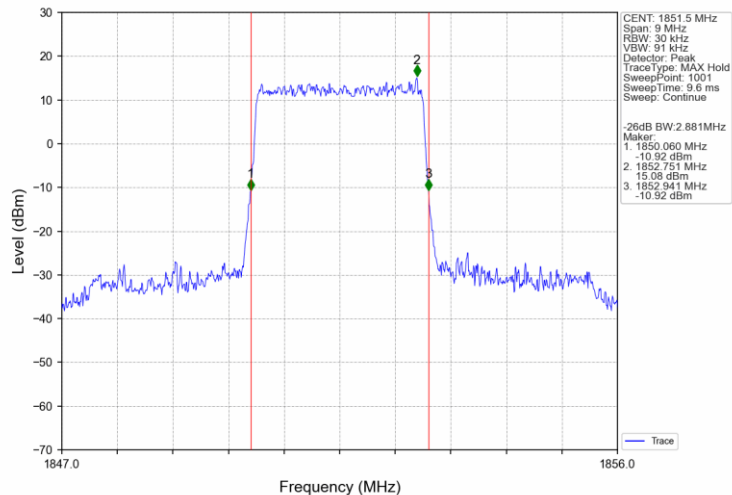
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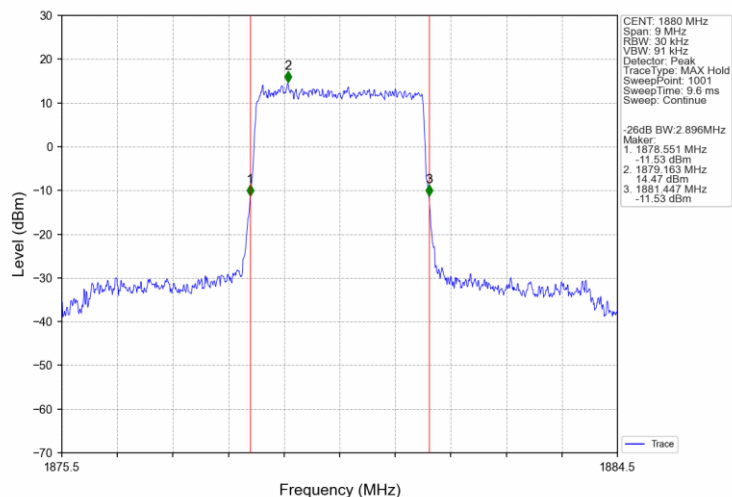
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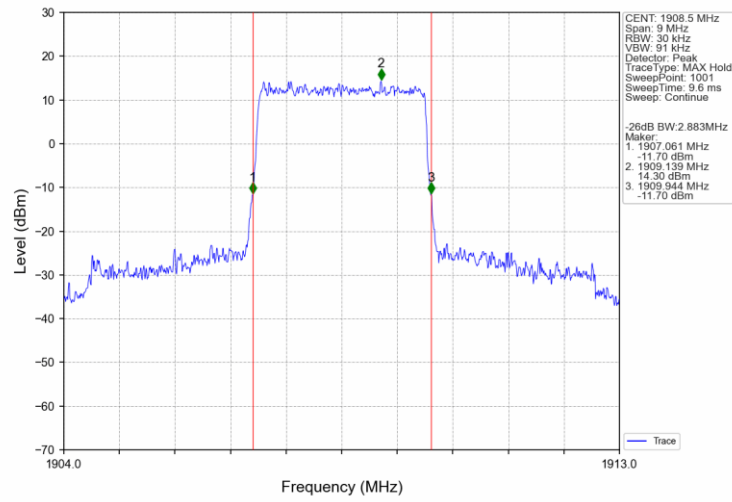
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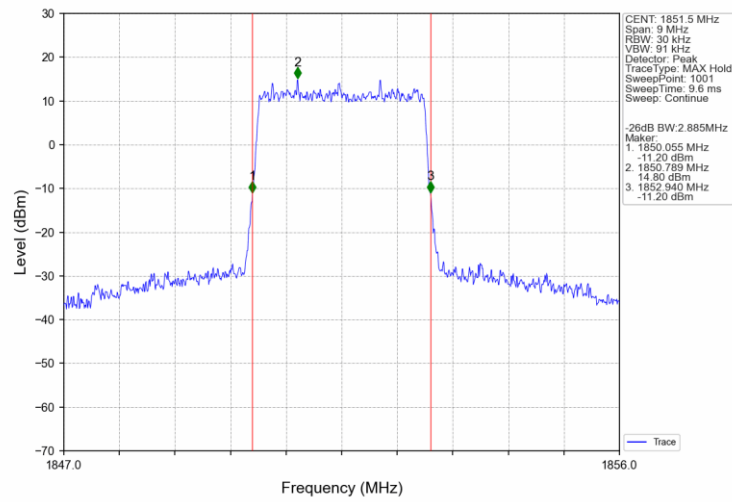
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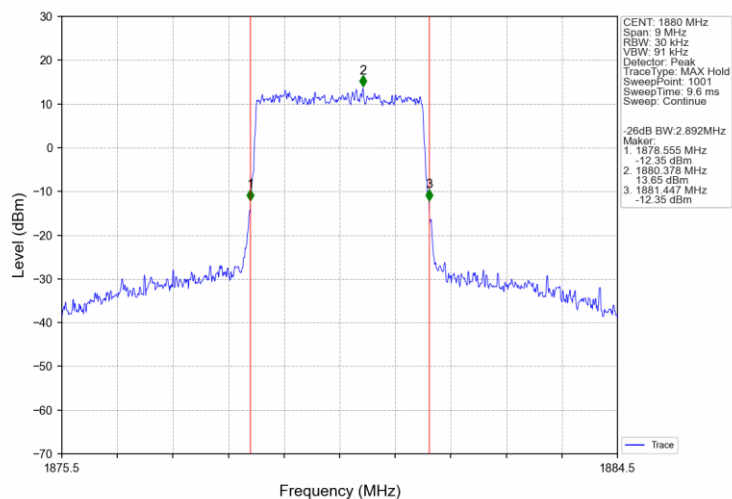
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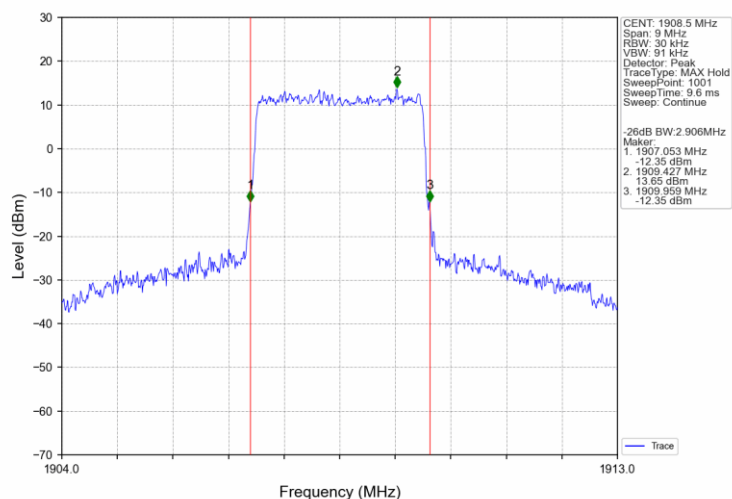
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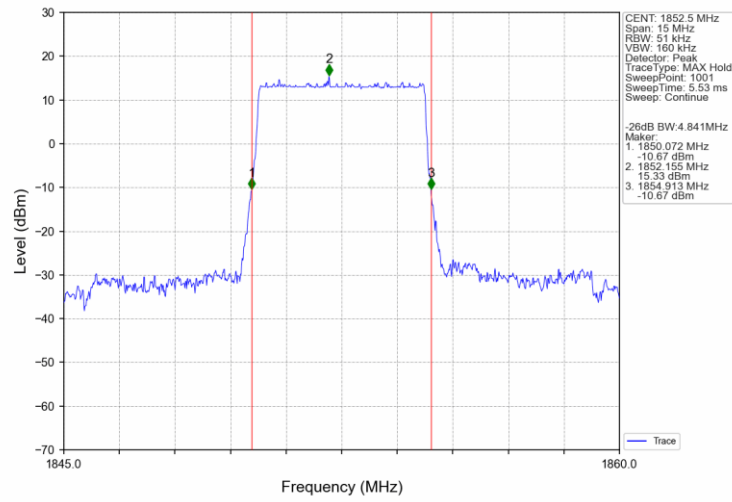
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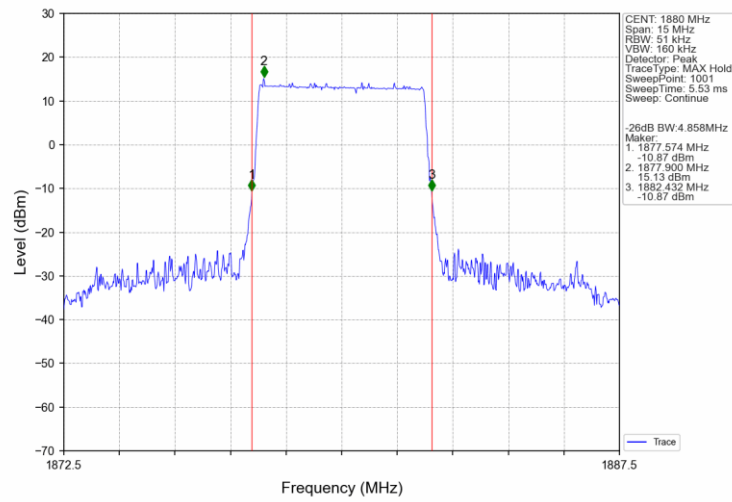
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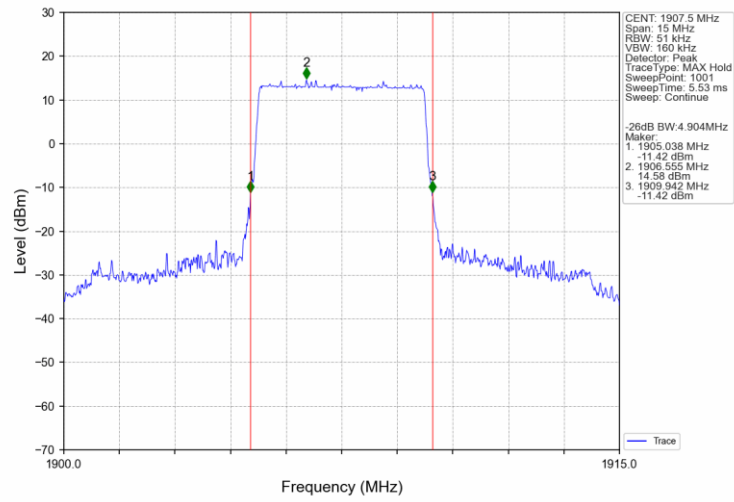
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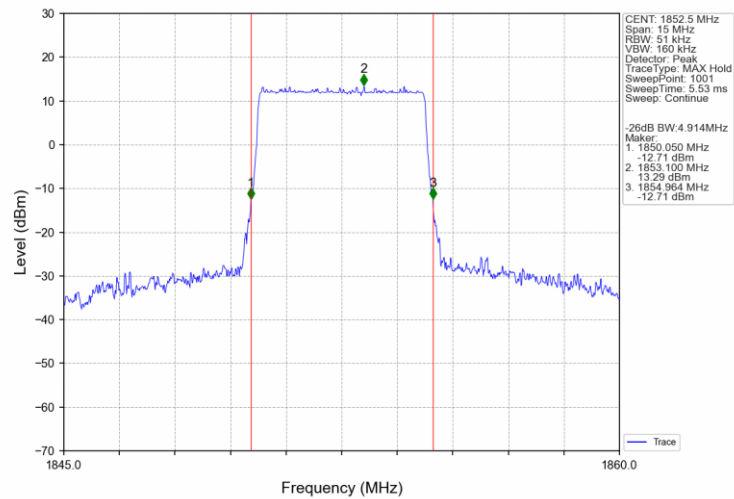
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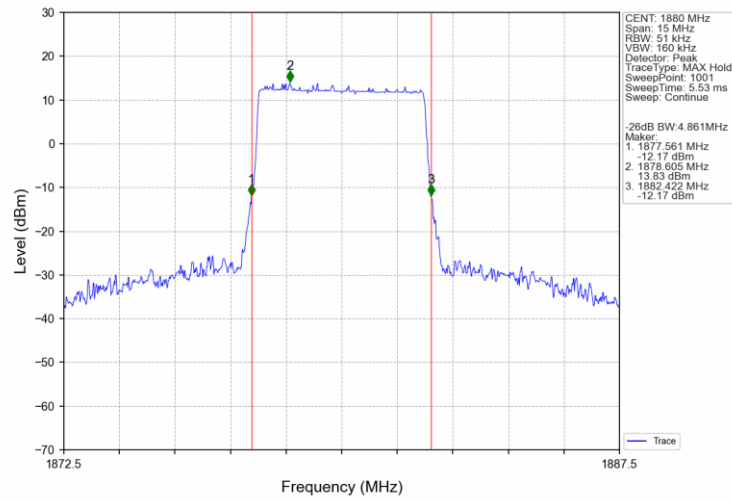
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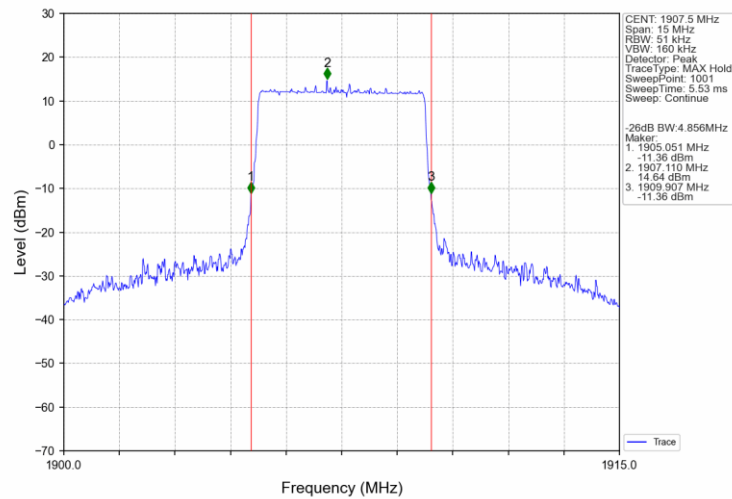
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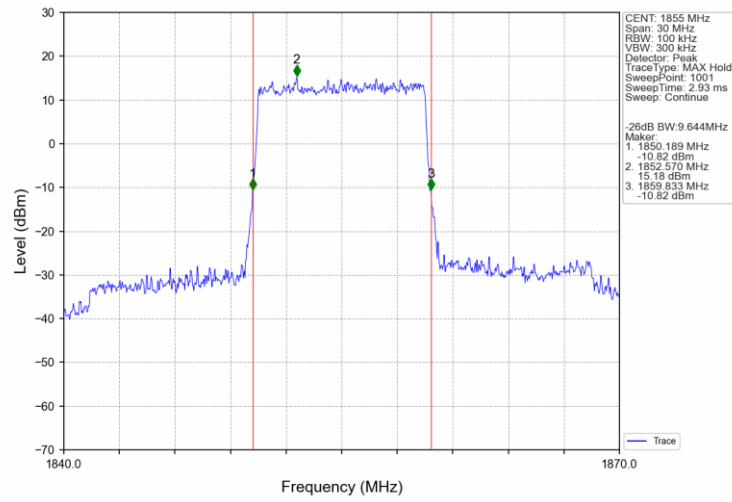
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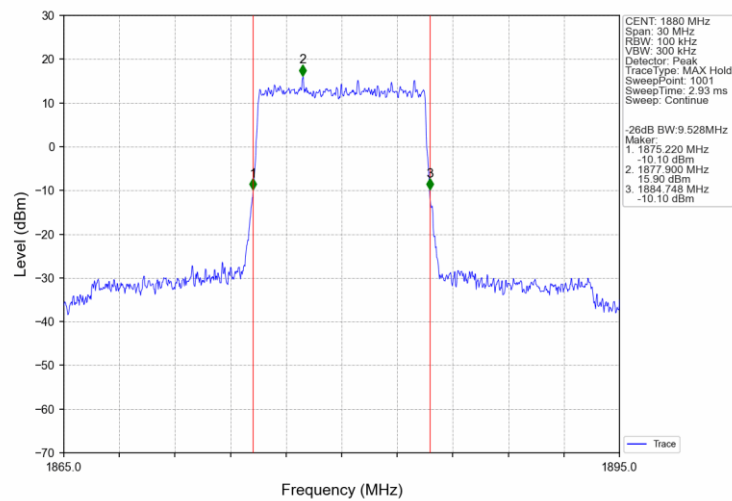
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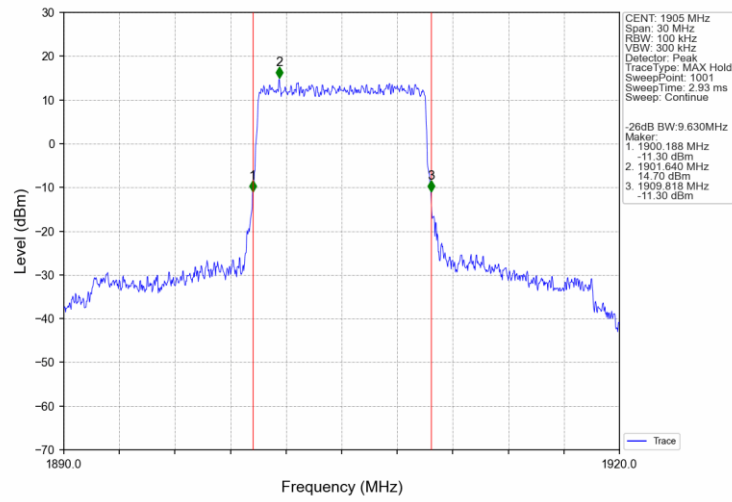
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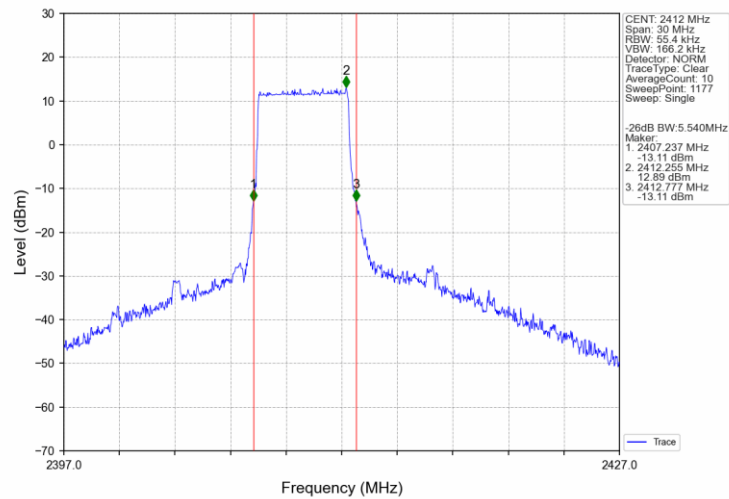
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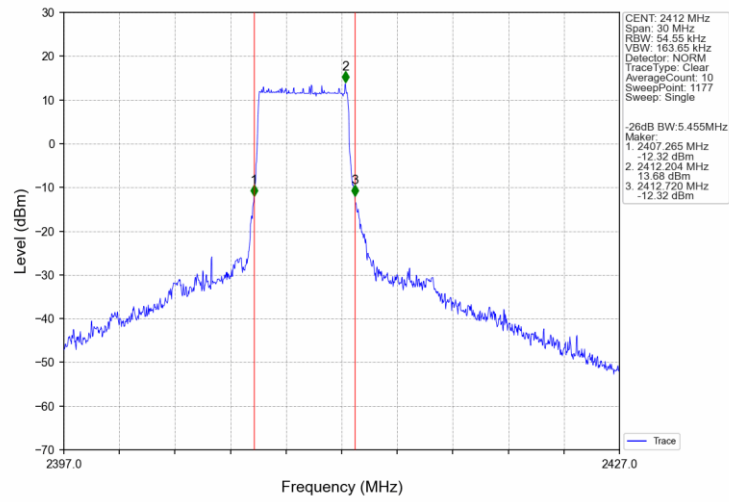
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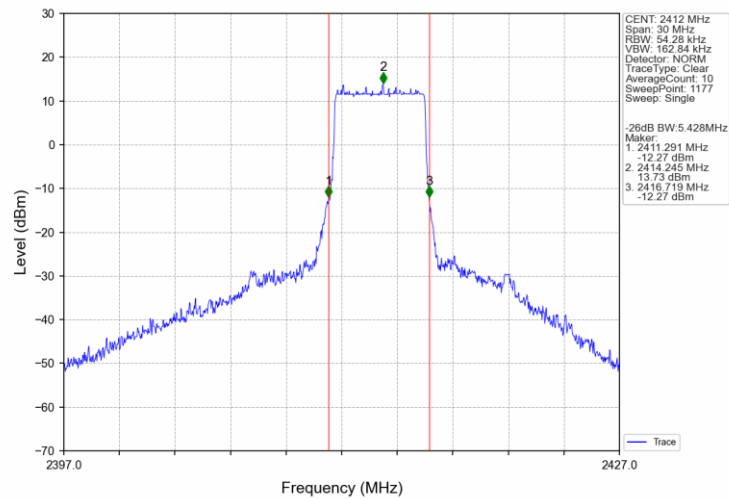
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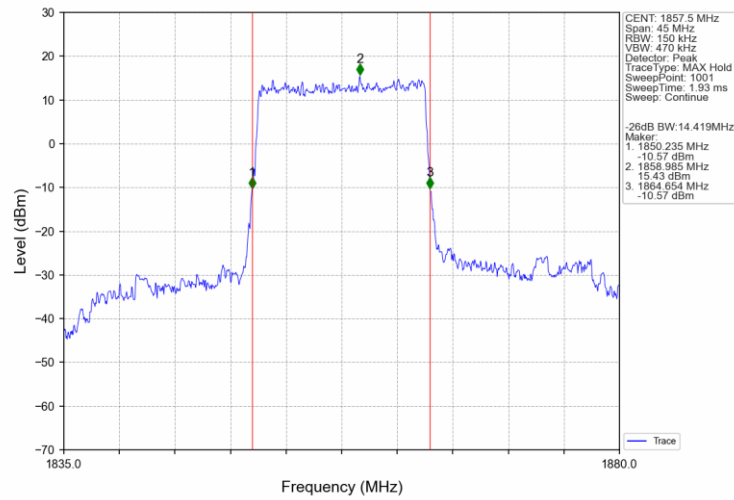
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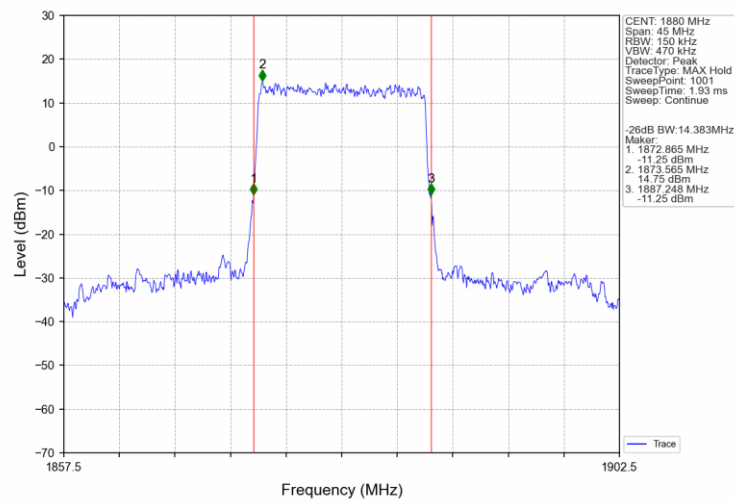
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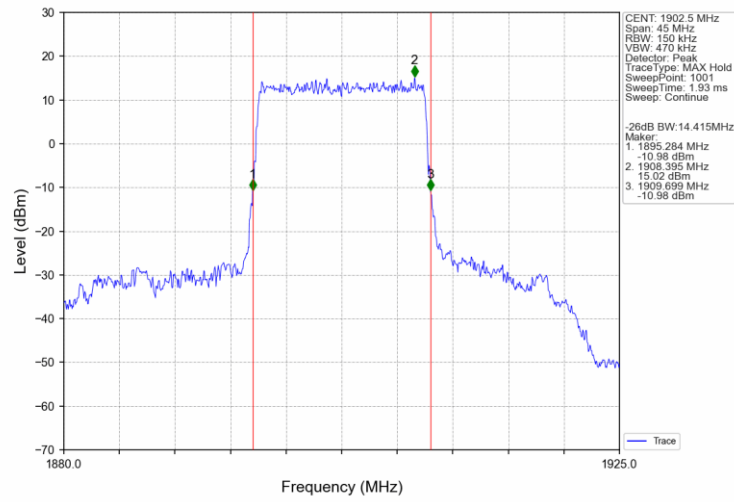
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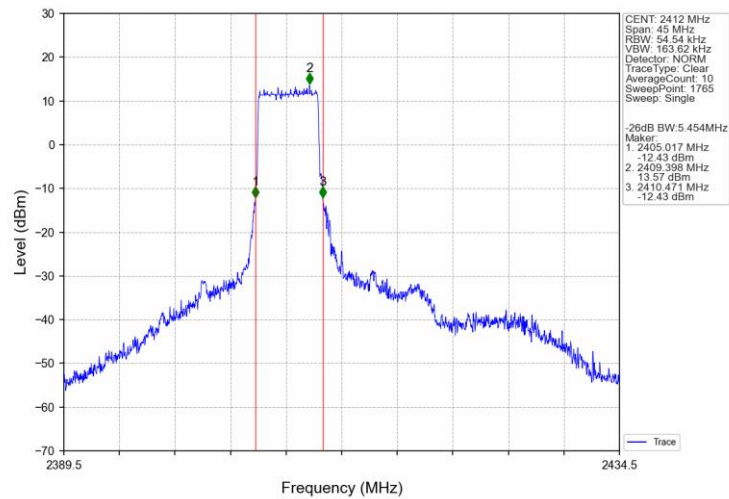
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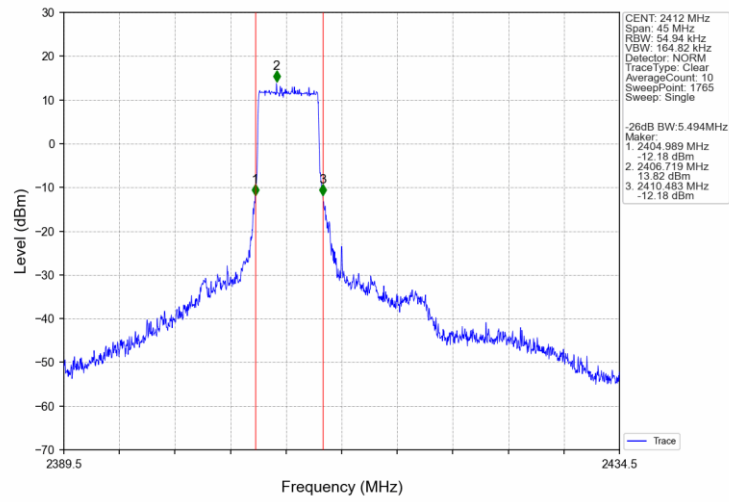
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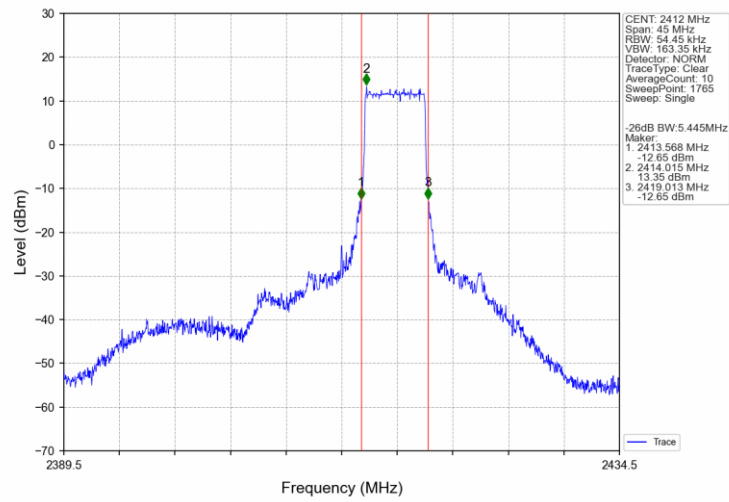
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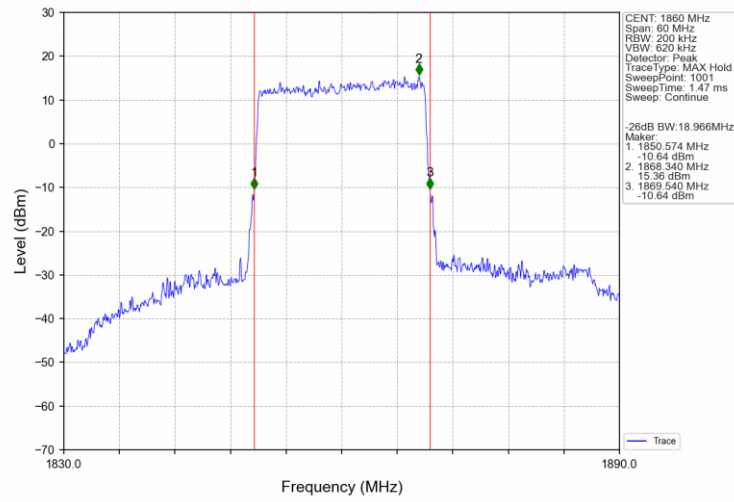
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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_27_48_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV

