

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	23.28	0.54	23.82	<=33.01	Pass
			2	23.28	0.54	23.82	<=33.01	Pass
			5	23.26	0.54	23.80	<=33.01	Pass
		3	0	23.36	0.54	23.90	<=33.01	Pass
			2	23.36	0.54	23.90	<=33.01	Pass
			3	23.36	0.54	23.90	<=33.01	Pass
		6	0	22.37	0.54	22.91	<=33.01	Pass
	1880	1	0	23.25	0.54	23.79	<=33.01	Pass
			2	23.26	0.54	23.80	<=33.01	Pass
			5	23.20	0.54	23.74	<=33.01	Pass
		3	0	23.23	0.54	23.77	<=33.01	Pass
			2	23.23	0.54	23.77	<=33.01	Pass
			3	23.21	0.54	23.75	<=33.01	Pass
		6	0	22.22	0.54	22.76	<=33.01	Pass
	1909.3	1	0	23.23	0.54	23.77	<=33.01	Pass
			2	23.25	0.54	23.79	<=33.01	Pass
			5	23.24	0.54	23.78	<=33.01	Pass
		3	0	23.26	0.54	23.80	<=33.01	Pass
			2	23.28	0.54	23.82	<=33.01	Pass
			3	23.30	0.54	23.84	<=33.01	Pass
		6	0	22.27	0.54	22.81	<=33.01	Pass
16QAM	1850.7	1	0	22.33	0.54	22.87	<=33.01	Pass
			2	22.33	0.54	22.87	<=33.01	Pass
			5	22.37	0.54	22.91	<=33.01	Pass
		3	0	22.48	0.54	23.02	<=33.01	Pass
			2	22.52	0.54	23.06	<=33.01	Pass
			3	22.52	0.54	23.06	<=33.01	Pass
		6	0	21.35	0.54	21.89	<=33.01	Pass
	1880	1	0	22.23	0.54	22.77	<=33.01	Pass
			2	22.27	0.54	22.81	<=33.01	Pass
			5	22.29	0.54	22.83	<=33.01	Pass
		3	0	22.29	0.54	22.83	<=33.01	Pass
			2	22.27	0.54	22.81	<=33.01	Pass
			3	22.27	0.54	22.81	<=33.01	Pass
		6	0	21.14	0.54	21.68	<=33.01	Pass
	1909.3	1	0	22.28	0.54	22.82	<=33.01	Pass
			2	22.29	0.54	22.83	<=33.01	Pass
			5	22.33	0.54	22.87	<=33.01	Pass
		3	0	22.31	0.54	22.85	<=33.01	Pass
			2	22.29	0.54	22.83	<=33.01	Pass
			3	22.29	0.54	22.83	<=33.01	Pass
		6	0	21.18	0.54	21.72	<=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	24.58	0.54	25.12	<=33.01	Pass
			7	24.58	0.54	25.12	<=33.01	Pass
			14	24.49	0.54	25.03	<=33.01	Pass
		8	0	23.52	0.54	24.06	<=33.01	Pass
			4	23.50	0.54	24.04	<=33.01	Pass
			7	23.52	0.54	24.06	<=33.01	Pass
		15	0	23.53	0.54	24.07	<=33.01	Pass
			7	23.53	0.54	24.07	<=33.01	Pass
			14	23.53	0.54	24.07	<=33.01	Pass
	1880	1	0	24.37	0.54	24.91	<=33.01	Pass
			7	24.39	0.54	24.93	<=33.01	Pass
			14	24.42	0.54	24.96	<=33.01	Pass
		8	0	23.36	0.54	23.90	<=33.01	Pass
			4	23.33	0.54	23.87	<=33.01	Pass
			7	23.36	0.54	23.90	<=33.01	Pass
		15	0	23.34	0.54	23.88	<=33.01	Pass
			7	23.34	0.54	23.88	<=33.01	Pass
			14	23.34	0.54	23.88	<=33.01	Pass
	1908.5	1	0	24.35	0.54	24.89	<=33.01	Pass
			7	24.39	0.54	24.93	<=33.01	Pass
			14	24.39	0.54	24.93	<=33.01	Pass
		8	0	23.46	0.54	24.00	<=33.01	Pass
			4	23.47	0.54	24.01	<=33.01	Pass
			7	23.47	0.54	24.01	<=33.01	Pass
		15	0	23.46	0.54	24.00	<=33.01	Pass
			7	23.46	0.54	24.00	<=33.01	Pass
			14	23.46	0.54	24.00	<=33.01	Pass
16QAM	1851.5	1	0	24.14	0.54	24.68	<=33.01	Pass
			7	24.16	0.54	24.70	<=33.01	Pass
			14	24.10	0.54	24.64	<=33.01	Pass
		8	0	22.72	0.54	23.26	<=33.01	Pass
			4	22.70	0.54	23.24	<=33.01	Pass
			7	22.71	0.54	23.25	<=33.01	Pass
		15	0	22.61	0.54	23.15	<=33.01	Pass
			7	22.61	0.54	23.15	<=33.01	Pass
			14	22.61	0.54	23.15	<=33.01	Pass
	1880	1	0	23.45	0.54	23.99	<=33.01	Pass
			7	23.46	0.54	24.00	<=33.01	Pass
			14	23.43	0.54	23.97	<=33.01	Pass
		8	0	22.43	0.54	22.97	<=33.01	Pass
			4	22.42	0.54	22.96	<=33.01	Pass
			7	22.42	0.54	22.96	<=33.01	Pass
		15	0	22.41	0.54	22.95	<=33.01	Pass
			7	22.41	0.54	22.95	<=33.01	Pass
			14	22.41	0.54	22.95	<=33.01	Pass
	1908.5	1	0	23.62	0.54	24.16	<=33.01	Pass
			7	23.66	0.54	24.20	<=33.01	Pass
			14	23.62	0.54	24.16	<=33.01	Pass
		8	0	22.46	0.54	23.00	<=33.01	Pass
			4	22.40	0.54	22.94	<=33.01	Pass
			7	22.40	0.54	22.94	<=33.01	Pass
		15	0	22.38	0.54	22.92	<=33.01	Pass
			7	22.38	0.54	22.92	<=33.01	Pass
			14	22.38	0.54	22.92	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



Band: 2 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	24.64	0.54	25.18	<=33.01	Pass		
			13	24.60	0.54	25.14	<=33.01	Pass		
			24	24.63	0.54	25.17	<=33.01	Pass		
		12	0	23.54	0.54	24.08	<=33.01	Pass		
			6	23.56	0.54	24.10	<=33.01	Pass		
			13	23.58	0.54	24.12	<=33.01	Pass		
		25	0	23.57	0.54	24.11	<=33.01	Pass		
		1880	1	0	24.44	0.54	24.98	<=33.01	Pass	
				13	24.42	0.54	24.96	<=33.01	Pass	
	24			24.45	0.54	24.99	<=33.01	Pass		
	12		0	23.41	0.54	23.95	<=33.01	Pass		
			6	23.39	0.54	23.93	<=33.01	Pass		
			13	23.35	0.54	23.89	<=33.01	Pass		
	25	0	23.45	0.54	23.99	<=33.01	Pass			
	1907.5	1	0	24.60	0.54	25.14	<=33.01	Pass		
			13	24.67	0.54	25.21	<=33.01	Pass		
			24	24.71	0.54	25.25	<=33.01	Pass		
		12	0	23.46	0.54	24.00	<=33.01	Pass		
			6	23.51	0.54	24.05	<=33.01	Pass		
			13	23.46	0.54	24.00	<=33.01	Pass		
		25	0	23.49	0.54	24.03	<=33.01	Pass		
		16QAM	1852.5	1	0	23.75	0.54	24.29	<=33.01	Pass
					13	23.70	0.54	24.24	<=33.01	Pass
	24				23.70	0.54	24.24	<=33.01	Pass	
12	0			22.53	0.54	23.07	<=33.01	Pass		
	6			22.56	0.54	23.10	<=33.01	Pass		
	13			22.53	0.54	23.07	<=33.01	Pass		
25	0			22.61	0.54	23.15	<=33.01	Pass		
1880	1		0	23.73	0.54	24.27	<=33.01	Pass		
			13	23.69	0.54	24.23	<=33.01	Pass		
			24	23.69	0.54	24.23	<=33.01	Pass		
	12		0	22.46	0.54	23.00	<=33.01	Pass		
			6	22.42	0.54	22.96	<=33.01	Pass		
			13	22.41	0.54	22.95	<=33.01	Pass		
25	0		22.42	0.54	22.96	<=33.01	Pass			
1907.5	1		0	23.35	0.54	23.89	<=33.01	Pass		
			13	23.36	0.54	23.90	<=33.01	Pass		
			24	23.40	0.54	23.94	<=33.01	Pass		
	12		0	22.47	0.54	23.01	<=33.01	Pass		
			6	22.49	0.54	23.03	<=33.01	Pass		
			13	22.49	0.54	23.03	<=33.01	Pass		
	25		0	22.54	0.54	23.08	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.63	0.54	25.17	<=33.01	Pass
			25	24.64	0.54	25.18	<=33.01	Pass
			49	24.53	0.54	25.07	<=33.01	Pass
		25	0	23.56	0.54	24.10	<=33.01	Pass
			13	23.57	0.54	24.11	<=33.01	Pass
			25	23.66	0.54	24.20	<=33.01	Pass
		50	0	23.63	0.54	24.17	<=33.01	Pass
	1880	1	0	24.34	0.54	24.88	<=33.01	Pass
			25	24.44	0.54	24.98	<=33.01	Pass
			49	24.27	0.54	24.81	<=33.01	Pass
		25	0	23.41	0.54	23.95	<=33.01	Pass
			13	23.46	0.54	24.00	<=33.01	Pass
			25	23.39	0.54	23.93	<=33.01	Pass
		50	0	23.43	0.54	23.97	<=33.01	Pass
	1905	1	0	24.03	0.54	24.57	<=33.01	Pass
			25	24.00	0.54	24.54	<=33.01	Pass
			49	24.02	0.54	24.56	<=33.01	Pass
		25	0	23.45	0.54	23.99	<=33.01	Pass
			13	23.50	0.54	24.04	<=33.01	Pass
			25	23.53	0.54	24.07	<=33.01	Pass
		50	0	23.54	0.54	24.08	<=33.01	Pass
16QAM	1855	1	0	23.65	0.54	24.19	<=33.01	Pass
			25	23.64	0.54	24.18	<=33.01	Pass
			49	23.59	0.54	24.13	<=33.01	Pass
		12	0	23.61	0.54	24.15	<=33.01	Pass
			19	23.68	0.54	24.22	<=33.01	Pass
			38	23.63	0.54	24.17	<=33.01	Pass
		27	0	22.58	0.54	23.12	<=33.01	Pass
	1880	1	0	23.12	0.54	23.66	<=33.01	Pass
			25	23.28	0.54	23.82	<=33.01	Pass
			49	23.13	0.54	23.67	<=33.01	Pass
		12	0	23.39	0.54	23.93	<=33.01	Pass
			19	23.44	0.54	23.98	<=33.01	Pass
			38	23.44	0.54	23.98	<=33.01	Pass
		27	0	22.45	0.54	22.99	<=33.01	Pass
	1905	1	0	23.48	0.54	24.02	<=33.01	Pass
			25	23.50	0.54	24.04	<=33.01	Pass
			49	23.49	0.54	24.03	<=33.01	Pass
		12	0	23.52	0.54	24.06	<=33.01	Pass
			19	23.55	0.54	24.09	<=33.01	Pass
			38	23.58	0.54	24.12	<=33.01	Pass
		27	23	22.48	0.54	23.02	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	24.51	0.54	25.05	<=33.01	Pass
			38	24.21	0.54	24.75	<=33.01	Pass
			74	23.93	0.54	24.47	<=33.01	Pass
		36	0	23.55	0.54	24.09	<=33.01	Pass
			18	23.53	0.54	24.07	<=33.01	Pass
			39	23.57	0.54	24.11	<=33.01	Pass
		75	0	23.53	0.54	24.07	<=33.01	Pass
			0	23.80	0.54	24.34	<=33.01	Pass
			38	23.92	0.54	24.46	<=33.01	Pass
	1880	1	74	23.82	0.54	24.36	<=33.01	Pass
			0	23.40	0.54	23.94	<=33.01	Pass
			18	23.40	0.54	23.94	<=33.01	Pass
		36	39	23.31	0.54	23.85	<=33.01	Pass
			0	23.39	0.54	23.93	<=33.01	Pass
			0	23.87	0.54	24.41	<=33.01	Pass
		75	38	23.95	0.54	24.49	<=33.01	Pass
			74	23.94	0.54	24.48	<=33.01	Pass
			0	23.42	0.54	23.96	<=33.01	Pass
	1902.5	36	18	23.44	0.54	23.98	<=33.01	Pass
			39	23.52	0.54	24.06	<=33.01	Pass
			0	23.50	0.54	24.04	<=33.01	Pass
16QAM	1857.5	1	0	23.46	0.54	24.00	<=33.01	Pass
			38	23.46	0.54	24.00	<=33.01	Pass
			74	23.27	0.54	23.81	<=33.01	Pass
		12	0	23.48	0.54	24.02	<=33.01	Pass
			31	23.51	0.54	24.05	<=33.01	Pass
			63	23.38	0.54	23.92	<=33.01	Pass
		27	0	22.56	0.54	23.10	<=33.01	Pass
			0	22.98	0.54	23.52	<=33.01	Pass
			38	23.08	0.54	23.62	<=33.01	Pass
	1880	1	74	23.01	0.54	23.55	<=33.01	Pass
			0	23.35	0.54	23.89	<=33.01	Pass
			31	23.41	0.54	23.95	<=33.01	Pass
		12	63	23.36	0.54	23.90	<=33.01	Pass
			0	22.42	0.54	22.96	<=33.01	Pass
			0	23.44	0.54	23.98	<=33.01	Pass
		27	38	23.56	0.54	24.10	<=33.01	Pass
			74	23.44	0.54	23.98	<=33.01	Pass
			0	23.44	0.54	23.98	<=33.01	Pass
	1902.5	12	31	23.54	0.54	24.08	<=33.01	Pass
			63	23.53	0.54	24.07	<=33.01	Pass
			0	22.46	0.54	23.00	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.01	0.54	24.55	<=33.01	Pass
			50	24.00	0.54	24.54	<=33.01	Pass
			99	23.82	0.54	24.36	<=33.01	Pass
		50	0	23.47	0.54	24.01	<=33.01	Pass
			25	23.55	0.54	24.09	<=33.01	Pass
			50	23.54	0.54	24.08	<=33.01	Pass
		100	0	23.53	0.54	24.07	<=33.01	Pass
	1880	1	0	23.80	0.54	24.34	<=33.01	Pass
			50	23.97	0.54	24.51	<=33.01	Pass
			99	23.84	0.54	24.38	<=33.01	Pass
		50	0	23.42	0.54	23.96	<=33.01	Pass
			25	23.43	0.54	23.97	<=33.01	Pass
			50	23.38	0.54	23.92	<=33.01	Pass
		100	0	23.43	0.54	23.97	<=33.01	Pass
	1900	1	0	23.81	0.54	24.35	<=33.01	Pass
			50	23.97	0.54	24.51	<=33.01	Pass
			99	23.88	0.54	24.42	<=33.01	Pass
		50	0	23.40	0.54	23.94	<=33.01	Pass
			25	23.53	0.54	24.07	<=33.01	Pass
			50	23.55	0.54	24.09	<=33.01	Pass
		100	0	23.47	0.54	24.01	<=33.01	Pass
16QAM	1860	1	0	23.60	0.54	24.14	<=33.01	Pass
			50	23.61	0.54	24.15	<=33.01	Pass
			99	23.41	0.54	23.95	<=33.01	Pass
		12	0	23.53	0.54	24.07	<=33.01	Pass
			44	23.54	0.54	24.08	<=33.01	Pass
			88	23.37	0.54	23.91	<=33.01	Pass
		27	0	22.53	0.54	23.07	<=33.01	Pass
	1880	1	0	23.03	0.54	23.57	<=33.01	Pass
			50	23.16	0.54	23.70	<=33.01	Pass
			99	23.06	0.54	23.60	<=33.01	Pass
		12	0	23.29	0.54	23.83	<=33.01	Pass
			44	23.39	0.54	23.93	<=33.01	Pass
			88	23.31	0.54	23.85	<=33.01	Pass
		27	0	22.30	0.54	22.84	<=33.01	Pass
	1900	1	0	23.08	0.54	23.62	<=33.01	Pass
			50	23.26	0.54	23.80	<=33.01	Pass
			99	23.17	0.54	23.71	<=33.01	Pass
		12	0	23.37	0.54	23.91	<=33.01	Pass
			44	23.52	0.54	24.06	<=33.01	Pass
			88	23.48	0.54	24.02	<=33.01	Pass
		27	73	22.43	0.54	22.97	<=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	12.374	0.0067	-2.5 to 2.5	Pass
					3.85	5.293	0.0029	-2.5 to 2.5	Pass
					4.43	5.264	0.0028	-2.5 to 2.5	Pass
				-30	3.85	10.314	0.0056	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-10.057	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				30	3.85	6.194	0.0033	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	6.251	0.0034	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	1.445	0.0008	-2.5 to 2.5	Pass
					3.85	8.039	0.0043	-2.5 to 2.5	Pass
					4.43	-10.901	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				-20	3.85	8.368	0.0045	-2.5 to 2.5	Pass
				-10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				0	3.85	3.777	0.0020	-2.5 to 2.5	Pass
				10	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				40	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.489	0.0013	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	3.161	0.0017	-2.5 to 2.5	Pass
					3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
					4.43	3.247	0.0017	-2.5 to 2.5	Pass
				-30	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				-20	3.85	9.069	0.0047	-2.5 to 2.5	Pass
				-10	3.85	9.484	0.0050	-2.5 to 2.5	Pass
				0	3.85	5.822	0.0030	-2.5 to 2.5	Pass
				10	3.85	7.467	0.0039	-2.5 to 2.5	Pass
				30	3.85	-7.153	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	6.609	0.0036	-2.5 to 2.5	Pass
					3.85	2.303	0.0012	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-20	3.85	7.253	0.0039	-2.5 to 2.5	Pass
				-10	3.85	3.920	0.0021	-2.5 to 2.5	Pass
				0	3.85	7.010	0.0038	-2.5 to 2.5	Pass
				10	3.85	6.094	0.0033	-2.5 to 2.5	Pass
				30	3.85	10.486	0.0057	-2.5 to 2.5	Pass
				40	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-0.658	-0.0004	-2.5 to 2.5	Pass
					3.85	3.133	0.0017	-2.5 to 2.5	Pass
					4.43	1.602	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.402	0.0007	-2.5 to 2.5	Pass
				-20	3.85	9.928	0.0053	-2.5 to 2.5	Pass
				-10	3.85	3.762	0.0020	-2.5 to 2.5	Pass

				0	3.85	7.825	0.0042	-2.5 to 2.5	Pass
				10	3.85	2.332	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				40	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	5.121	0.0027	-2.5 to 2.5	Pass
					4.43	1.931	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				30	3.85	6.480	0.0034	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0025	-2.5 to 2.5	Pass
				50	3.85	0.544	0.0003	-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	-0.801	-0.0004	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				-20	3.85	8.783	0.0047	-2.5 to 2.5	Pass
				-10	3.85	7.639	0.0041	-2.5 to 2.5	Pass
				0	3.85	11.330	0.0061	-2.5 to 2.5	Pass
				10	3.85	2.875	0.0016	-2.5 to 2.5	Pass
				30	3.85	10.386	0.0056	-2.5 to 2.5	Pass
				40	3.85	5.136	0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	13.390	0.0071	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
					4.43	5.236	0.0028	-2.5 to 2.5	Pass
				-30	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				-20	3.85	5.393	0.0029	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				0	3.85	6.838	0.0036	-2.5 to 2.5	Pass
				10	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				40	3.85	5.493	0.0029	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0002	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-9.112	-0.0048	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
					4.43	6.094	0.0032	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.495	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0028	-2.5 to 2.5	Pass
				30	3.85	12.259	0.0064	-2.5 to 2.5	Pass
				40	3.85	-7.882	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-6.738	-0.0035	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	3.462	0.0019	-2.5 to 2.5	Pass
					3.85	12.703	0.0069	-2.5 to 2.5	Pass
					4.43	2.561	0.0014	-2.5 to 2.5	Pass

				-30	3.85	5.579	0.0030	-2.5 to 2.5	Pass
				-20	3.85	5.450	0.0029	-2.5 to 2.5	Pass
				-10	3.85	14.434	0.0078	-2.5 to 2.5	Pass
				0	3.85	8.740	0.0047	-2.5 to 2.5	Pass
				10	3.85	10.514	0.0057	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	9.413	0.0051	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-3.934	-0.0021	-2.5 to 2.5	Pass
					3.85	5.050	0.0027	-2.5 to 2.5	Pass
					4.43	1.688	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	4.363	0.0023	-2.5 to 2.5	Pass
				0	3.85	8.168	0.0043	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	12.875	0.0068	-2.5 to 2.5	Pass
				40	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				50	3.85	9.556	0.0051	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-2.904	-0.0015	-2.5 to 2.5	Pass
					3.85	7.739	0.0041	-2.5 to 2.5	Pass
					4.43	2.317	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0025	-2.5 to 2.5	Pass
				0	3.85	4.406	0.0023	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0031	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				50	3.85	0.501	0.0003	-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	1.059	0.0006	-2.5 to 2.5	Pass
					3.85	5.178	0.0028	-2.5 to 2.5	Pass
					4.43	1.087	0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.775	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	3.85	4.063	0.0022	-2.5 to 2.5	Pass
				30	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0014	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-3.448	-0.0018	-2.5 to 2.5	Pass
					3.85	8.669	0.0046	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	5.107	0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.503	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				50	3.85	0.715	0.0004	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.27	2.604	0.0014	-2.5 to 2.5	Pass
					3.85	-0.086	0.0000	-2.5 to 2.5	Pass
					4.43	0.701	0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				-20	3.85	7.911	0.0041	-2.5 to 2.5	Pass
				-10	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				10	3.85	5.507	0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				40	3.85	7.024	0.0037	-2.5 to 2.5	Pass
				50	3.85	14.906	0.0078	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	1.087	0.0006	-2.5 to 2.5	Pass
					3.85	7.539	0.0041	-2.5 to 2.5	Pass
					4.43	2.089	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.189	0.0012	-2.5 to 2.5	Pass
				0	3.85	5.951	0.0032	-2.5 to 2.5	Pass
				10	3.85	6.566	0.0035	-2.5 to 2.5	Pass
				30	3.85	2.646	0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				50	3.85	4.578	0.0025	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	8.969	0.0048	-2.5 to 2.5	Pass
					3.85	7.610	0.0040	-2.5 to 2.5	Pass
					4.43	1.931	0.0010	-2.5 to 2.5	Pass
				-30	3.85	7.324	0.0039	-2.5 to 2.5	Pass
				-20	3.85	6.366	0.0034	-2.5 to 2.5	Pass
				-10	3.85	3.233	0.0017	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				40	3.85	8.111	0.0043	-2.5 to 2.5	Pass
				50	3.85	3.920	0.0021	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	6.337	0.0033	-2.5 to 2.5	Pass
					3.85	8.283	0.0043	-2.5 to 2.5	Pass
					4.43	1.316	0.0007	-2.5 to 2.5	Pass
				-30	3.85	8.655	0.0045	-2.5 to 2.5	Pass
				-20	3.85	5.751	0.0030	-2.5 to 2.5	Pass
				-10	3.85	6.938	0.0036	-2.5 to 2.5	Pass
				0	3.85	3.934	0.0021	-2.5 to 2.5	Pass
				10	3.85	7.010	0.0037	-2.5 to 2.5	Pass
				30	3.85	8.740	0.0046	-2.5 to 2.5	Pass
				40	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0005	-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	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass

				30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				50	3.85	1.202	0.0006	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	2.933	0.0016	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
					4.43	2.503	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.85	0.343	0.0002	-2.5 to 2.5	Pass
					4.43	0.772	0.0004	-2.5 to 2.5	Pass
				-30	3.85	4.191	0.0022	-2.5 to 2.5	Pass
				-20	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				10	3.85	5.507	0.0029	-2.5 to 2.5	Pass
				30	3.85	3.304	0.0017	-2.5 to 2.5	Pass
				40	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				50	3.85	4.807	0.0025	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.27	-2.060	-0.0011	-2.5 to 2.5	Pass
					3.85	3.605	0.0019	-2.5 to 2.5	Pass
					4.43	0.930	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				-20	3.85	4.234	0.0023	-2.5 to 2.5	Pass
				-10	3.85	5.336	0.0029	-2.5 to 2.5	Pass
				0	3.85	3.562	0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				30	3.85	8.698	0.0047	-2.5 to 2.5	Pass
				40	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				50	3.85	5.193	0.0028	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	3.548	0.0019	-2.5 to 2.5	Pass
					3.85	2.761	0.0015	-2.5 to 2.5	Pass
					4.43	0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.85	5.178	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	4.578	0.0024	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				10	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				30	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
				40	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
	1905	27	23	20	3.27	-1.059	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	5.894	0.0031	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	5.808	0.0030	-2.5 to 2.5	Pass
				0	3.85	7.939	0.0042	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass
				30	3.85	3.476	0.0018	-2.5 to 2.5	Pass
				40	3.85	7.124	0.0037	-2.5 to 2.5	Pass
				50	3.85	4.020	0.0021	-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	-3.133	-0.0017	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	4.449	0.0024	-2.5 to 2.5	Pass
					3.85	5.364	0.0029	-2.5 to 2.5	Pass
					4.43	6.266	0.0033	-2.5 to 2.5	Pass
				-30	3.85	7.124	0.0038	-2.5 to 2.5	Pass
				-20	3.85	5.908	0.0031	-2.5 to 2.5	Pass
				-10	3.85	4.549	0.0024	-2.5 to 2.5	Pass
				0	3.85	5.293	0.0028	-2.5 to 2.5	Pass
				10	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				30	3.85	5.064	0.0027	-2.5 to 2.5	Pass
				40	3.85	7.296	0.0039	-2.5 to 2.5	Pass
				50	3.85	4.735	0.0025	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	0.815	0.0004	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
					4.43	4.478	0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.375	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				0	3.85	5.336	0.0028	-2.5 to 2.5	Pass
				10	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				30	3.85	5.336	0.0028	-2.5 to 2.5	Pass
				40	3.85	2.446	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.486	0.0003	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.27	-3.147	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
					4.43	2.475	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				10	3.85	4.292	0.0023	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0003	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	4.764	0.0025	-2.5 to 2.5	Pass
					3.85	14.806	0.0079	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	5.493	0.0029	-2.5 to 2.5	Pass
				-20	3.85	6.337	0.0034	-2.5 to 2.5	Pass
				-10	3.85	7.496	0.0040	-2.5 to 2.5	Pass
				0	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				10	3.85	4.406	0.0023	-2.5 to 2.5	Pass
				30	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				40	3.85	6.080	0.0032	-2.5 to 2.5	Pass
				50	3.85	4.249	0.0023	-2.5 to 2.5	Pass

	1902.5	27	48	20	3.27	3.633	0.0019	-2.5 to 2.5	Pass
					3.85	1.287	0.0007	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	8.712	0.0046	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				10	3.85	6.838	0.0036	-2.5 to 2.5	Pass
				30	3.85	2.475	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				50	3.85	3.104	0.0016	-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	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	0.257	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0017	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	0.014	0.0000	-2.5 to 2.5	Pass
					4.43	2.303	0.0012	-2.5 to 2.5	Pass
				-30	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				0	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				10	3.85	3.676	0.0020	-2.5 to 2.5	Pass
				30	3.85	5.765	0.0031	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.130	0.0006	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	0.644	0.0003	-2.5 to 2.5	Pass
					3.85	2.332	0.0012	-2.5 to 2.5	Pass
					4.43	3.204	0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.575	0.0014	-2.5 to 2.5	Pass
				10	3.85	4.377	0.0023	-2.5 to 2.5	Pass
				30	3.85	3.247	0.0017	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.174	0.0011	-2.5 to 2.5	Pass
16QAM	1860	27	0	20	3.27	4.821	0.0026	-2.5 to 2.5	Pass
					3.85	4.206	0.0023	-2.5 to 2.5	Pass
					4.43	-1.802	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.619	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	6.895	0.0037	-2.5 to 2.5	Pass
				10	3.85	1.159	0.0006	-2.5 to 2.5	Pass

				30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.486	0.0003	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	0.143	0.0001	-2.5 to 2.5	Pass
					3.85	0.572	0.0003	-2.5 to 2.5	Pass
					4.43	4.606	0.0025	-2.5 to 2.5	Pass
				-30	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	8.154	0.0043	-2.5 to 2.5	Pass
				50	3.85	2.761	0.0015	-2.5 to 2.5	Pass
	1900	27	73	20	3.27	1.001	0.0005	-2.5 to 2.5	Pass
					3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	7.596	0.0040	-2.5 to 2.5	Pass
				-10	3.85	5.522	0.0029	-2.5 to 2.5	Pass
				0	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				10	3.85	3.662	0.0019	-2.5 to 2.5	Pass
				30	3.85	7.110	0.0037	-2.5 to 2.5	Pass
				40	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0022	-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	27	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

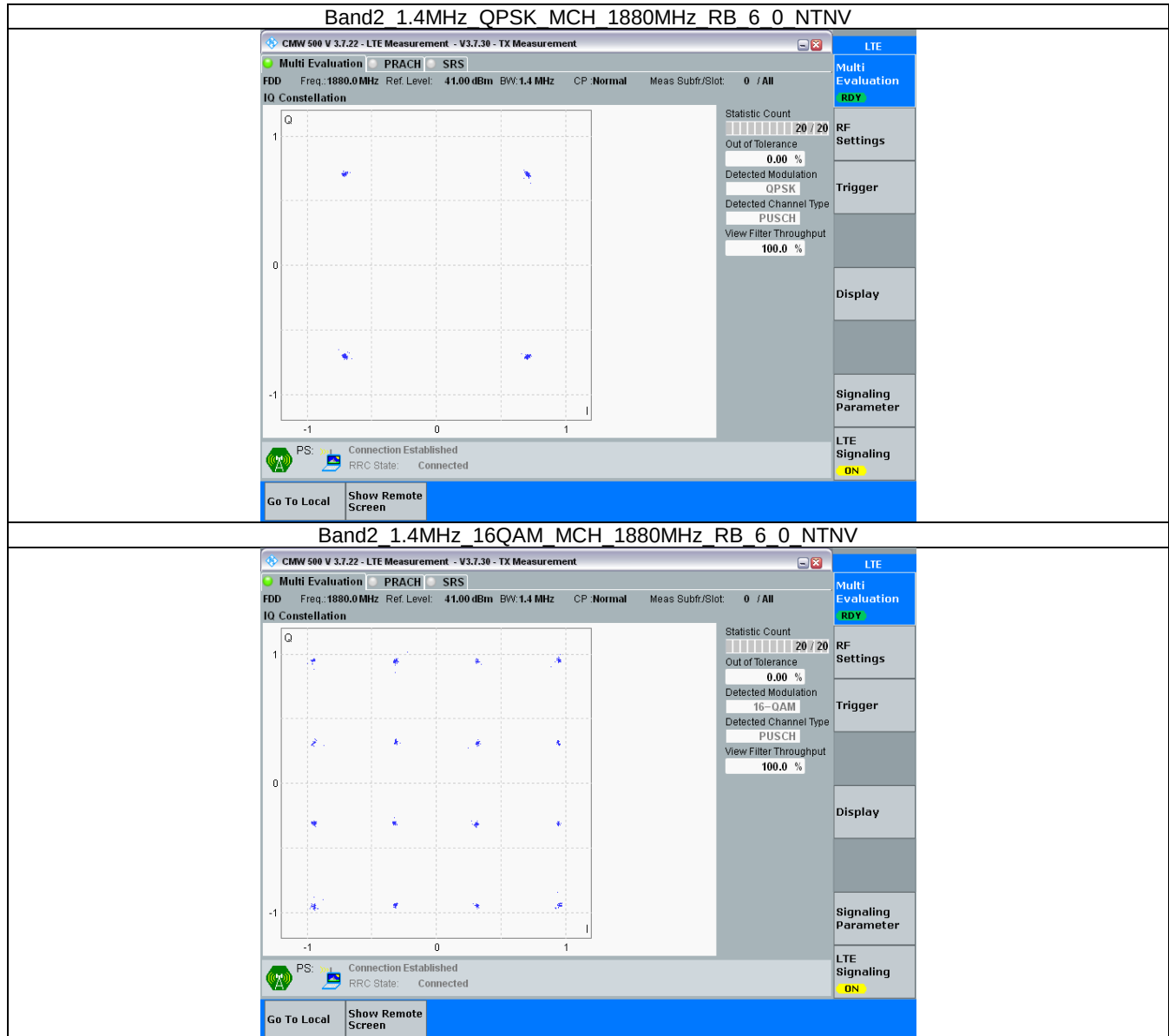
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

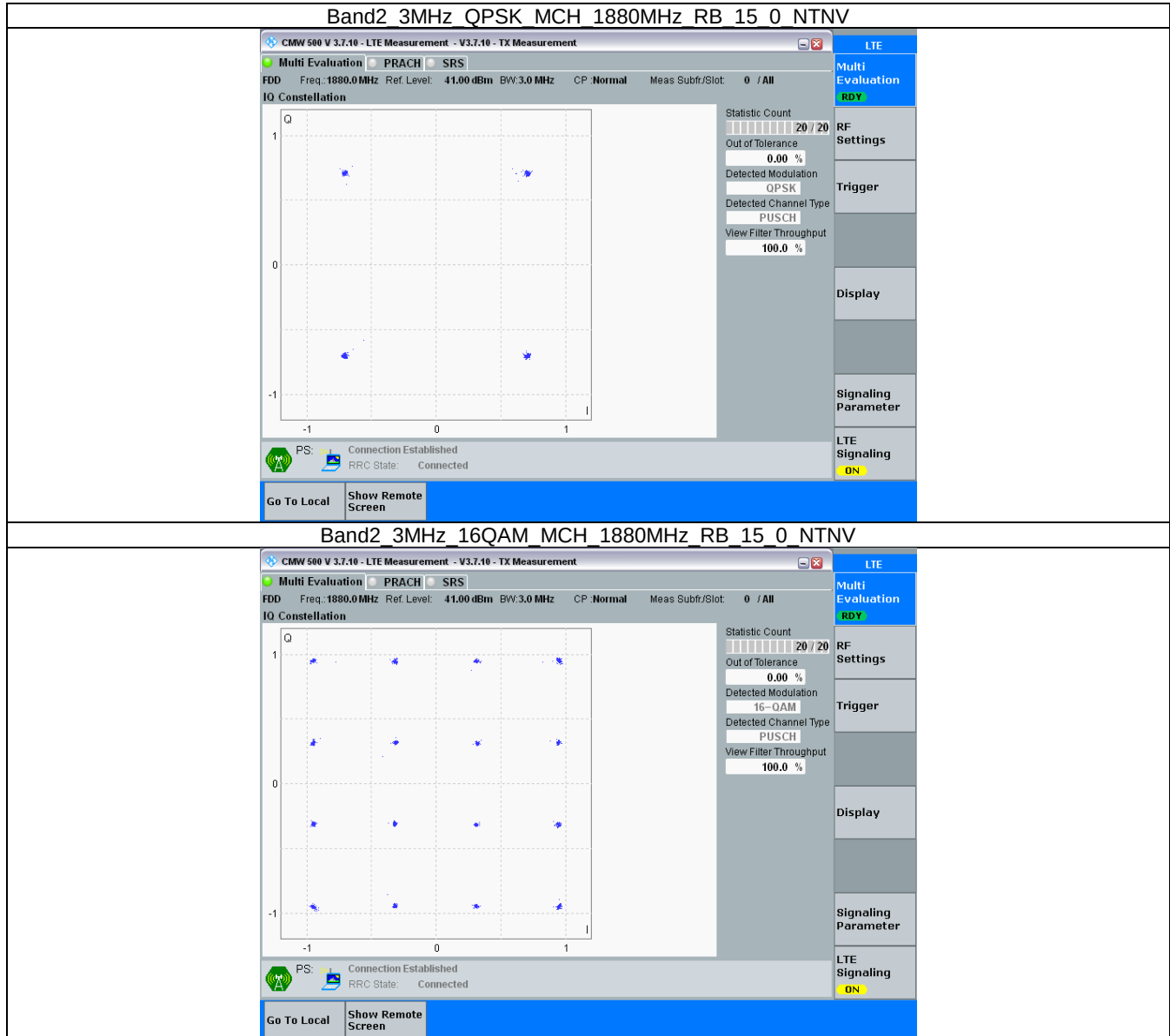
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.2 Test Graph

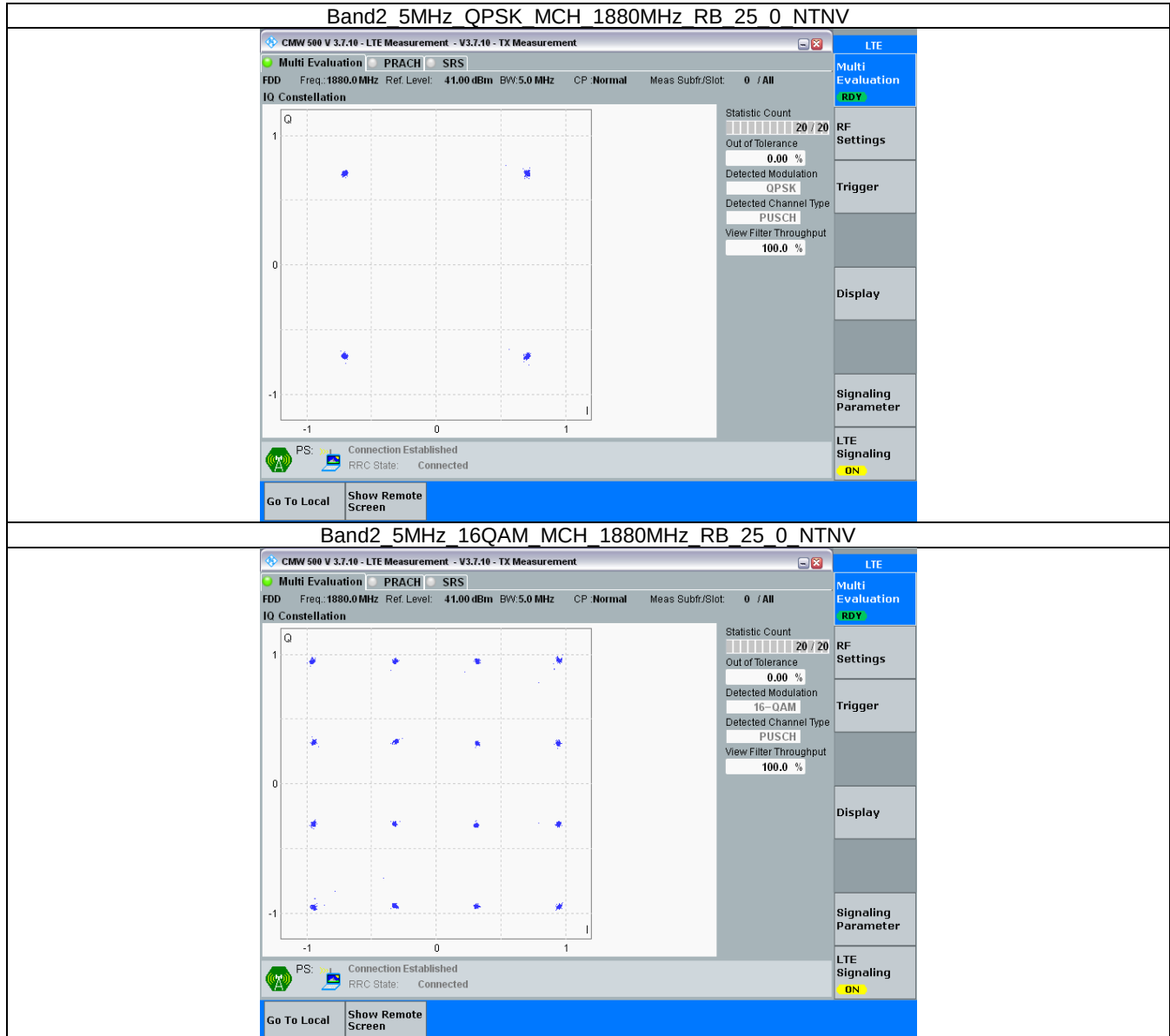
3.2.1 B2_1.4MHz



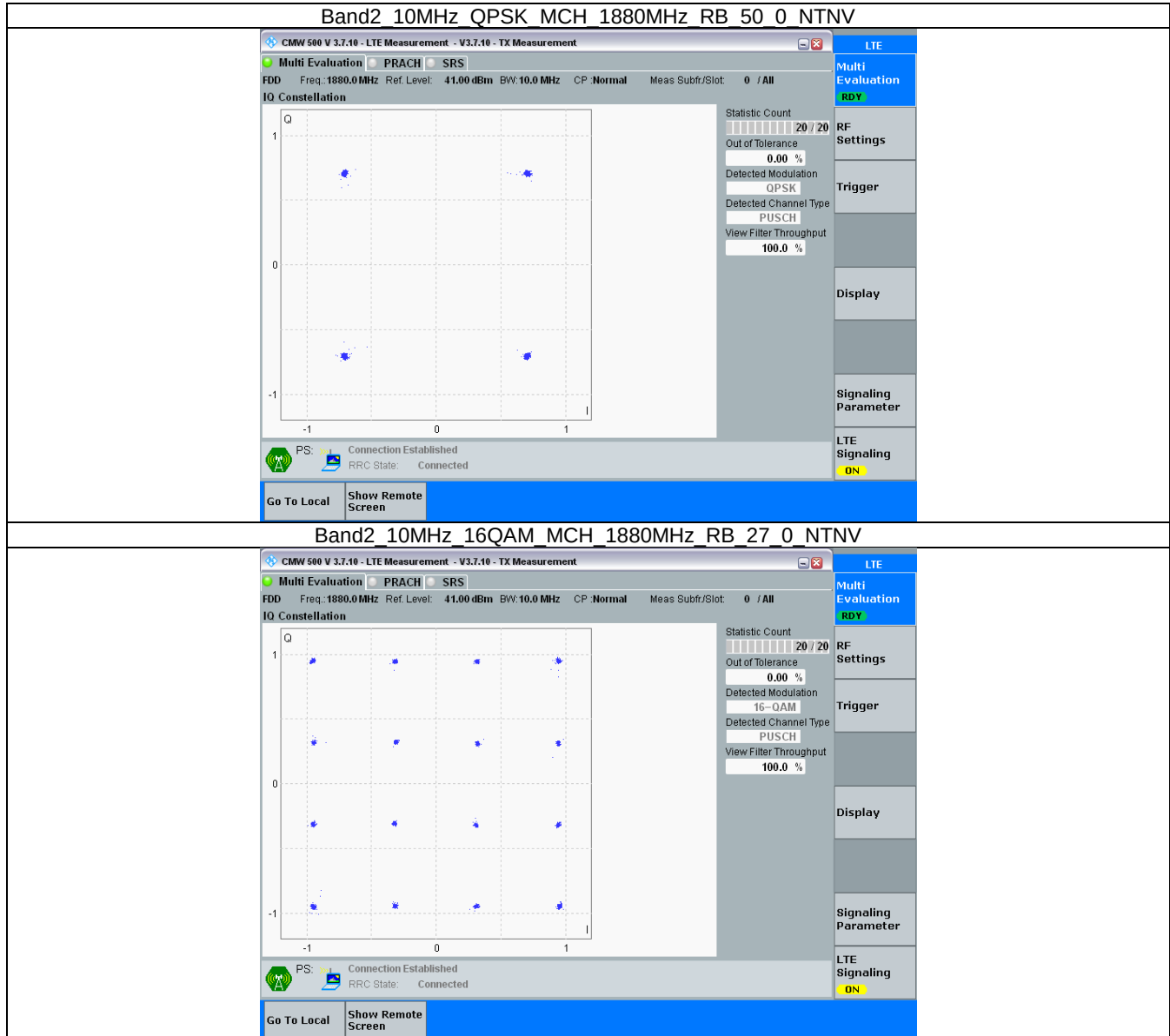
3.2.2 B2_3MHz



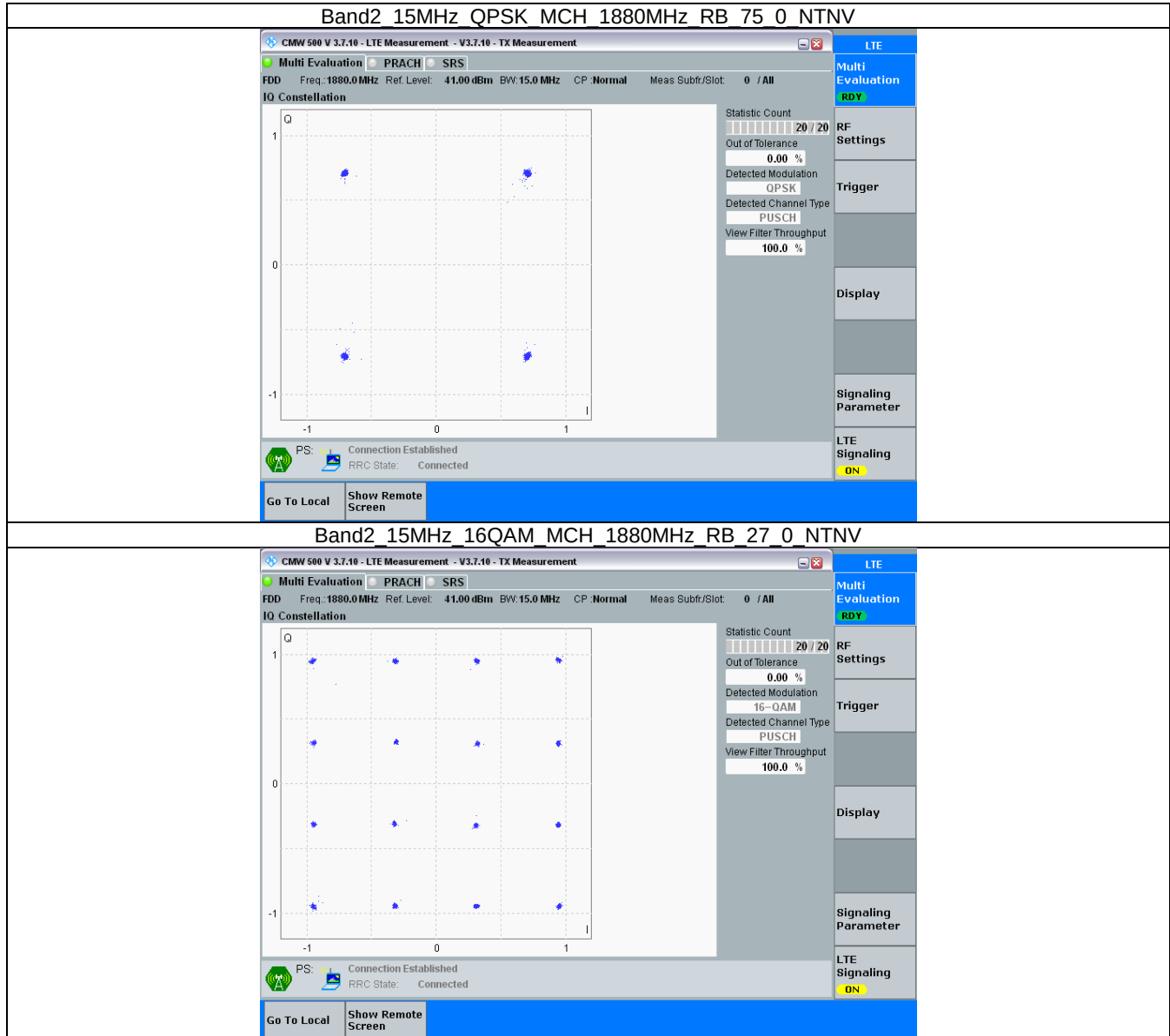
3.2.3 B2_5MHz



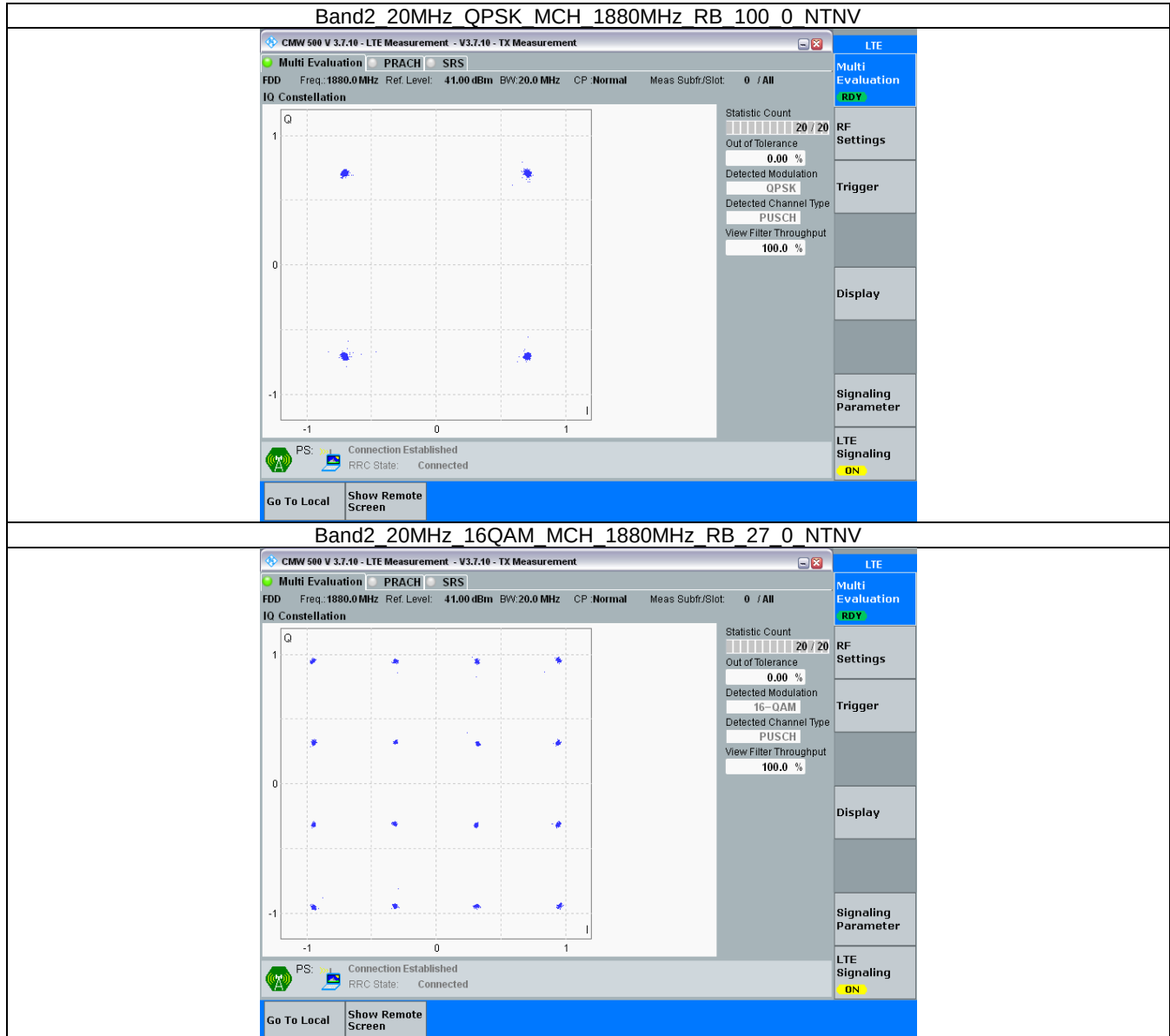
3.2.4 B2_10MHz



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 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.118	/	Pass
		1880	6	0	1.109	/	Pass
		1909.3	6	0	1.112	/	Pass
	16QAM	1850.7	6	0	1.116	/	Pass
		1880	6	0	1.110	/	Pass
		1909.3	6	0	1.117	/	Pass
3	QPSK	1851.5	15	0	2.691	/	Pass
		1880	15	0	2.680	/	Pass
		1908.5	15	0	2.679	/	Pass
	16QAM	1851.5	15	0	2.678	/	Pass
		1880	15	0	2.684	/	Pass
		1908.5	15	0	2.684	/	Pass
5	QPSK	1852.5	25	0	4.474	/	Pass
		1880	25	0	4.485	/	Pass
		1907.5	25	0	4.474	/	Pass
	16QAM	1852.5	25	0	4.475	/	Pass
		1880	25	0	4.483	/	Pass
		1907.5	25	0	4.471	/	Pass
10	QPSK	1855	50	0	8.957	/	Pass
		1880	50	0	8.949	/	Pass
		1905	50	0	8.957	/	Pass
	16QAM	1855	27	0	4.853	/	Pass
		1880	27	0	4.840	/	Pass
		1905	27	23	4.833	/	Pass
15	QPSK	1857.5	75	0	13.450	/	Pass
		1880	75	0	13.396	/	Pass
		1902.5	75	0	13.437	/	Pass
	16QAM	1857.5	27	0	4.838	/	Pass
		1880	27	0	4.828	/	Pass
		1902.5	27	48	4.831	/	Pass
20	QPSK	1860	100	0	17.905	/	Pass
		1880	100	0	17.854	/	Pass
		1900	100	0	17.855	/	Pass
	16QAM	1860	27	0	4.849	/	Pass
		1880	27	0	4.843	/	Pass
		1900	27	73	4.836	/	Pass

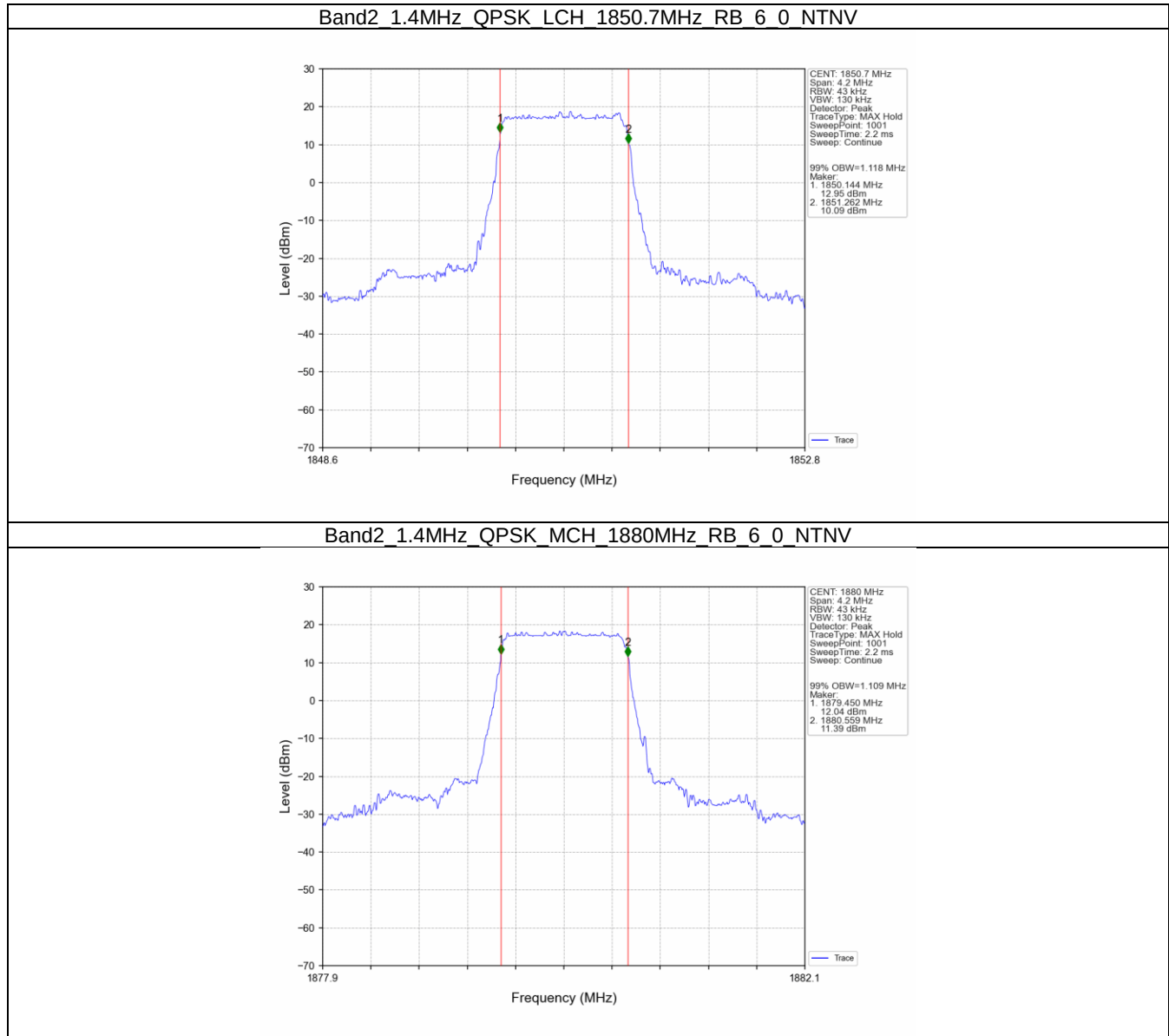
4.1.2 Band2_XDB

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	1.313	/	Pass
		1880	6	0	1.322	/	Pass
		1909.3	6	0	1.326	/	Pass
	16QAM	1850.7	6	0	1.331	/	Pass
		1880	6	0	1.318	/	Pass
		1909.3	6	0	1.330	/	Pass
3	QPSK	1851.5	15	0	2.890	/	Pass

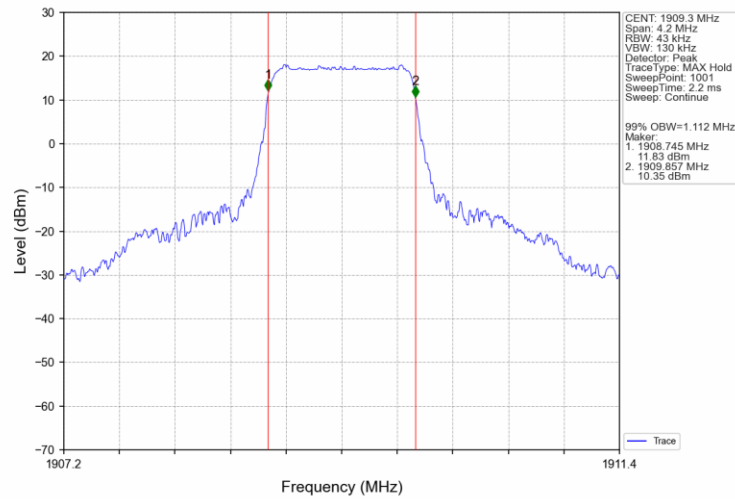
	16QAM	1880	15	0	2.887	/	Pass
		1908.5	15	0	2.888	/	Pass
		1851.5	15	0	2.873	/	Pass
		1880	15	0	2.882	/	Pass
		1908.5	15	0	2.899	/	Pass
5	QPSK	1852.5	25	0	4.896	/	Pass
		1880	25	0	4.842	/	Pass
		1907.5	25	0	4.857	/	Pass
	16QAM	1852.5	25	0	4.896	/	Pass
		1880	25	0	4.857	/	Pass
		1907.5	25	0	4.867	/	Pass
10	QPSK	1855	50	0	9.655	/	Pass
		1880	50	0	9.551	/	Pass
		1905	50	0	9.694	/	Pass
	16QAM	1855	27	0	5.517	/	Pass
		1880	27	0	5.455	/	Pass
		1905	27	23	5.358	/	Pass
15	QPSK	1857.5	75	0	14.350	/	Pass
		1880	75	0	14.258	/	Pass
		1902.5	75	0	14.525	/	Pass
	16QAM	1857.5	27	0	5.542	/	Pass
		1880	27	0	5.544	/	Pass
		1902.5	27	48	5.529	/	Pass
20	QPSK	1860	100	0	19.064	/	Pass
		1880	100	0	19.001	/	Pass
		1900	100	0	19.019	/	Pass
	16QAM	1860	27	0	5.480	/	Pass
		1880	27	0	5.586	/	Pass
		1900	27	73	5.600	/	Pass

4.2 Test Graph

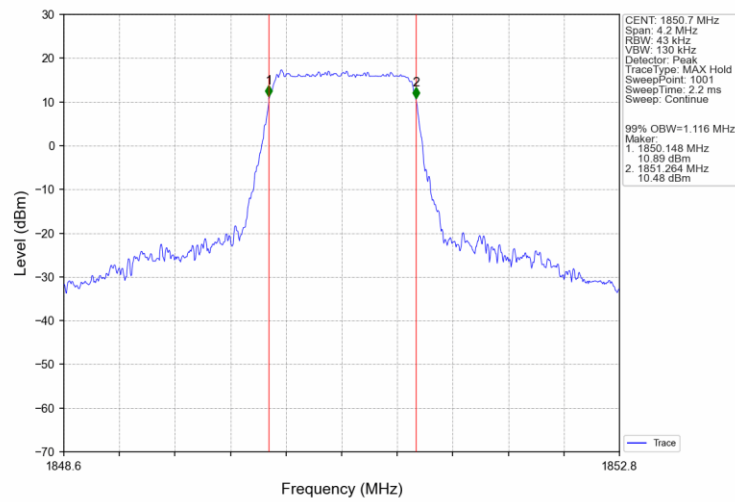
4.2.1 Band2_OBW



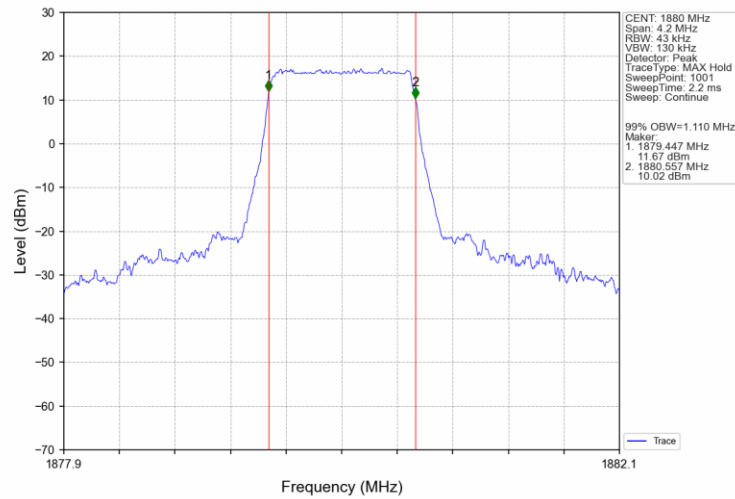
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



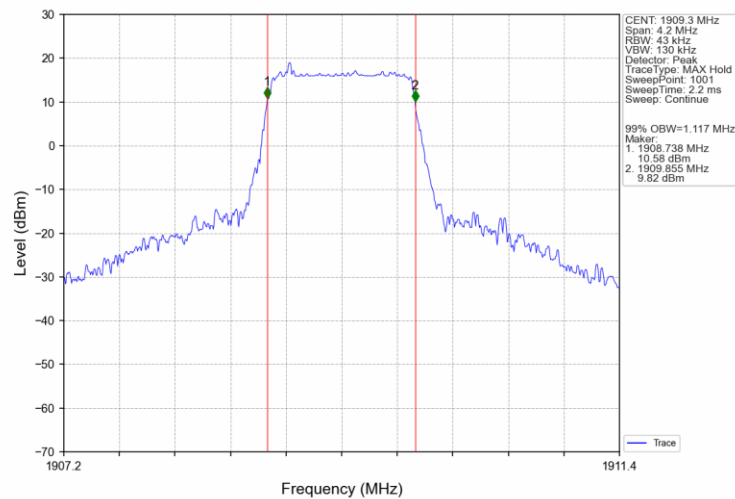
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



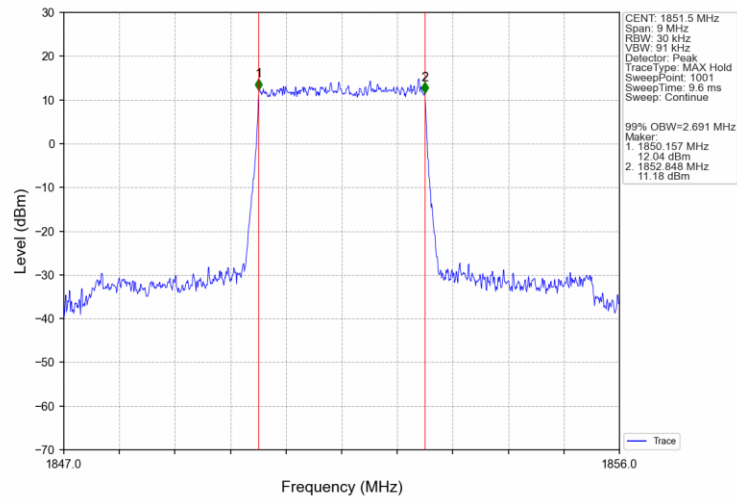
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



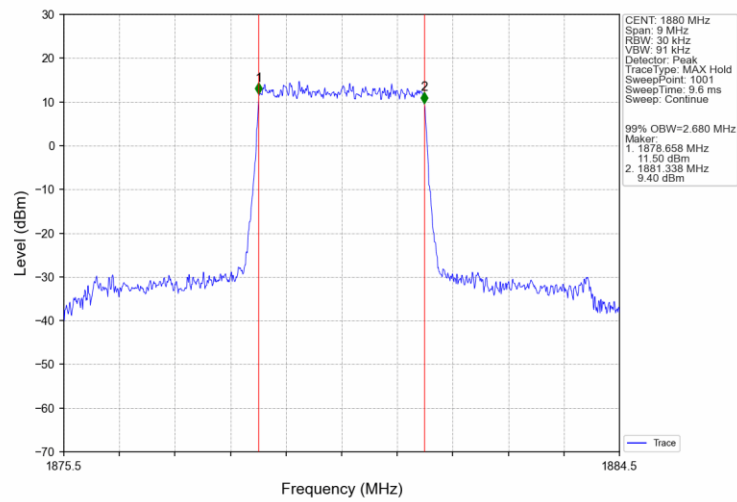
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV



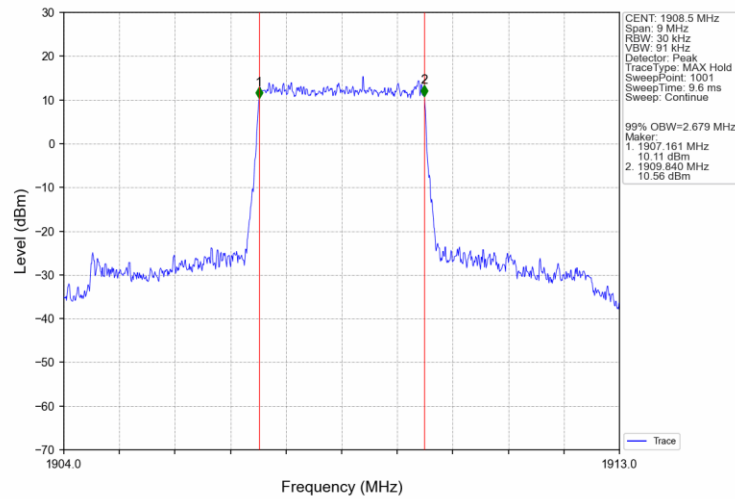
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



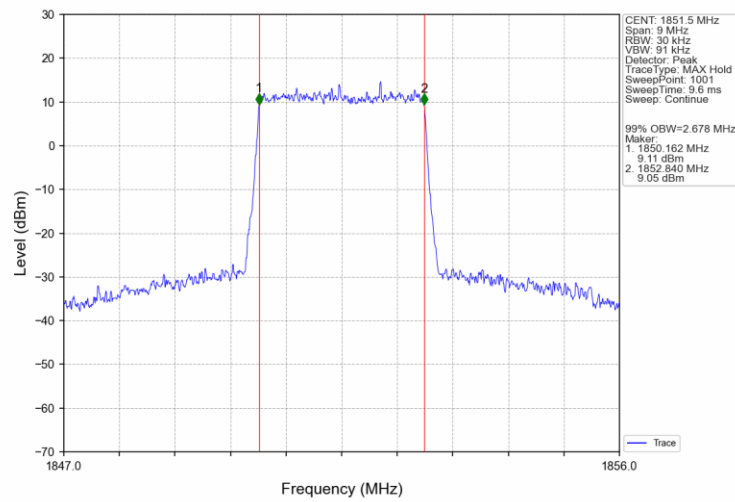
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



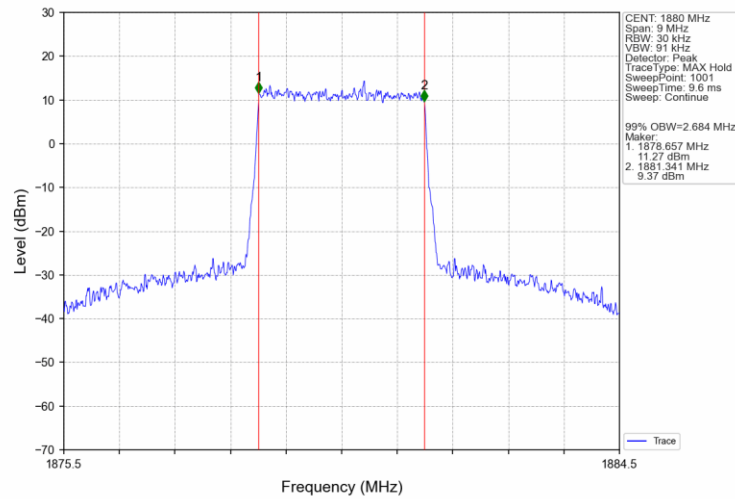
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



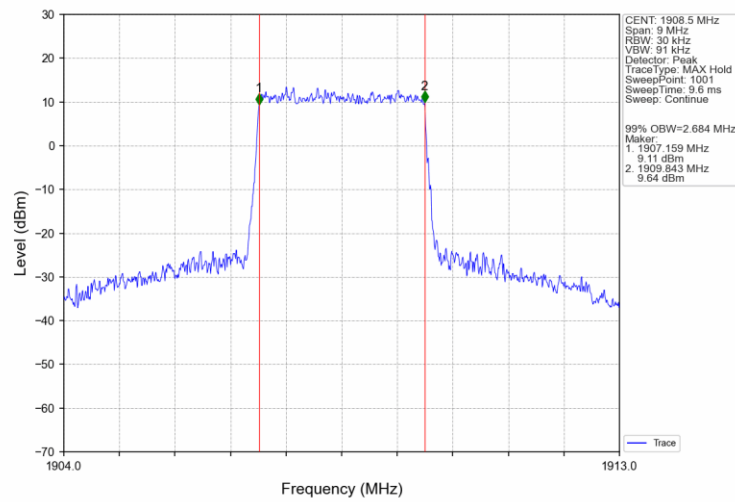
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



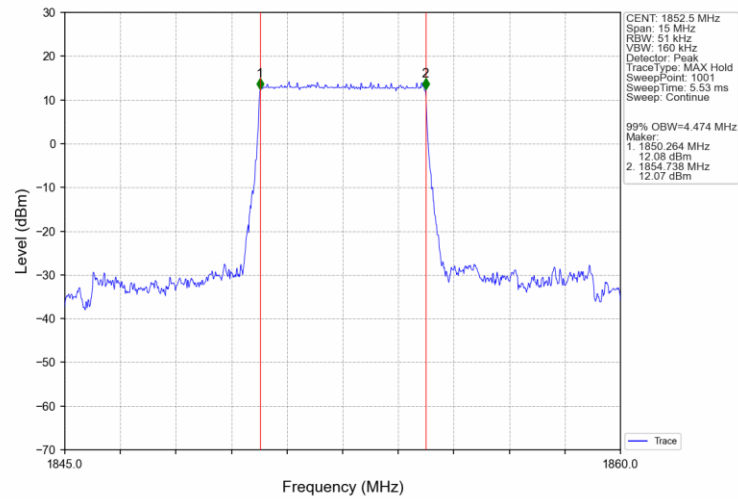
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



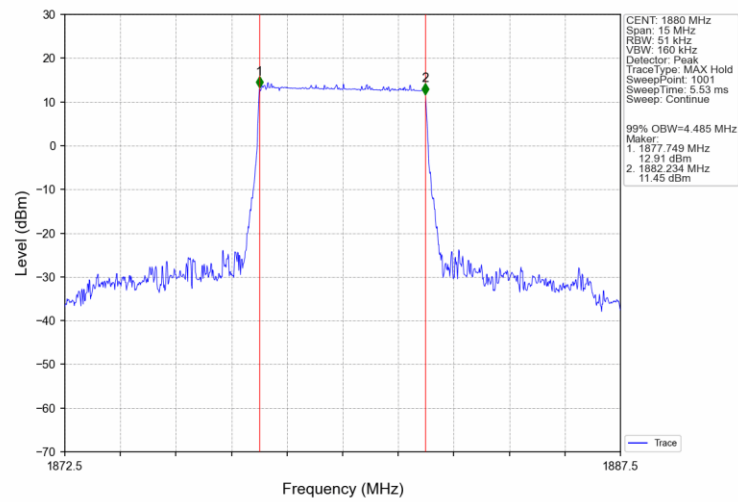
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



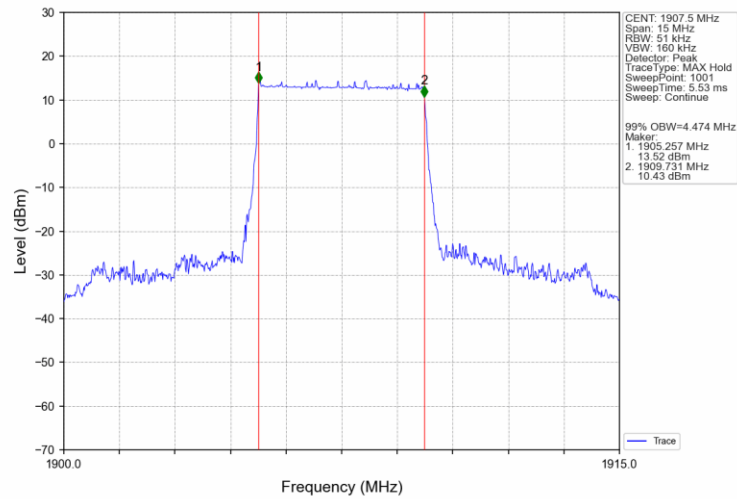
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



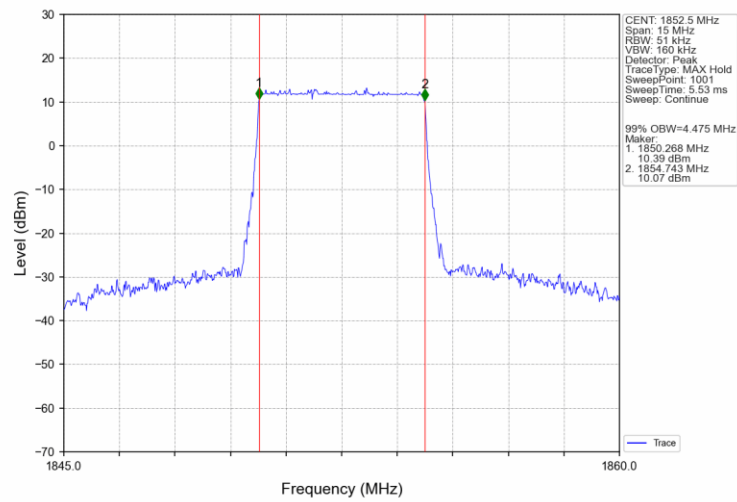
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



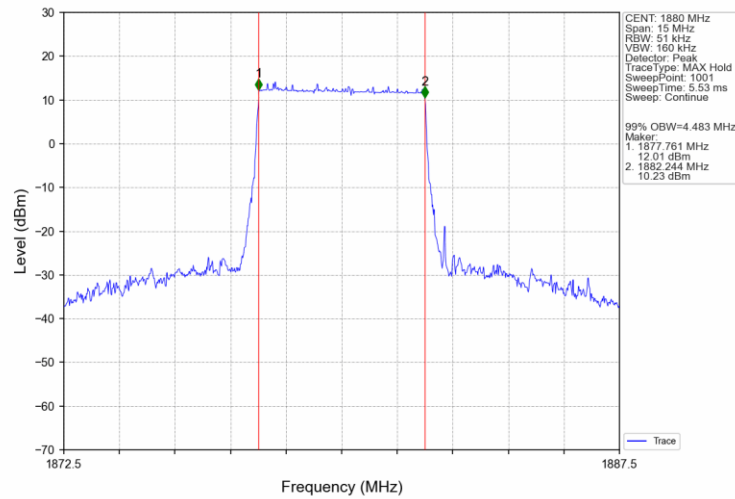
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



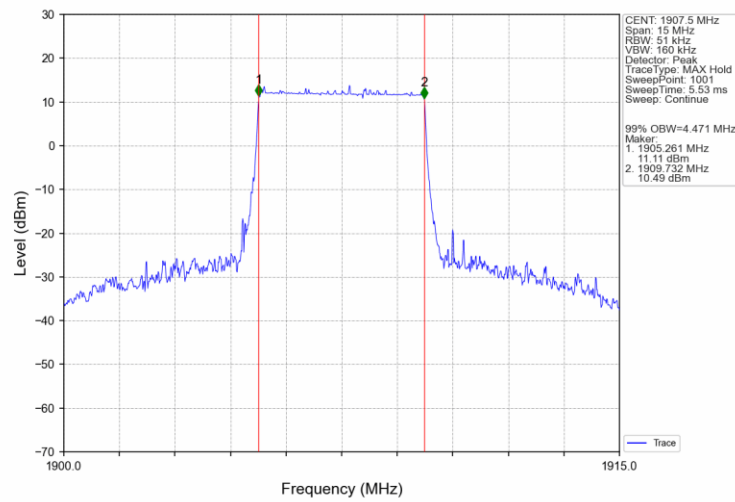
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



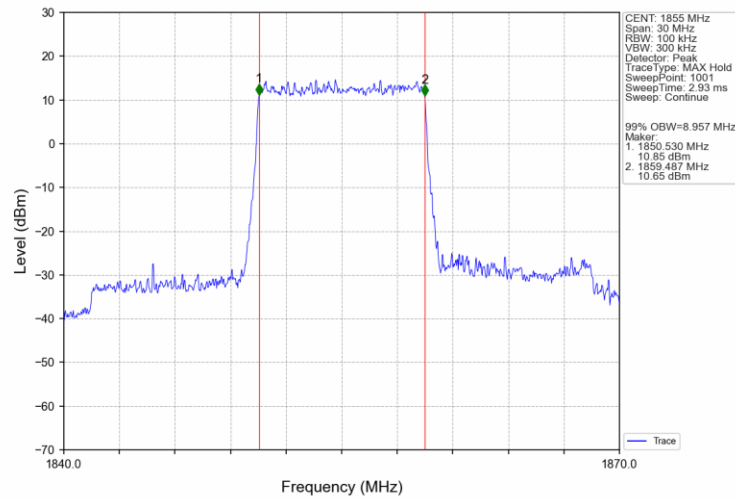
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



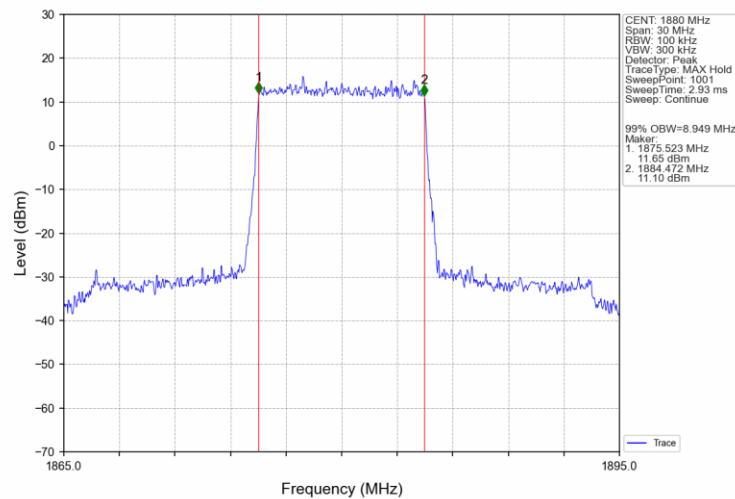
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



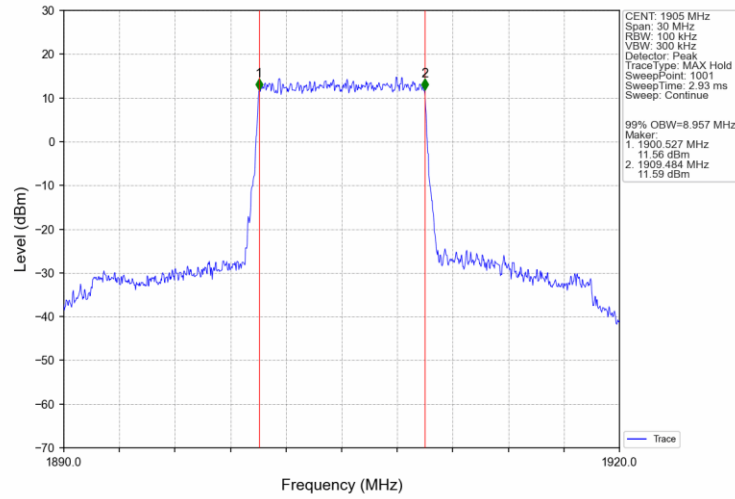
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



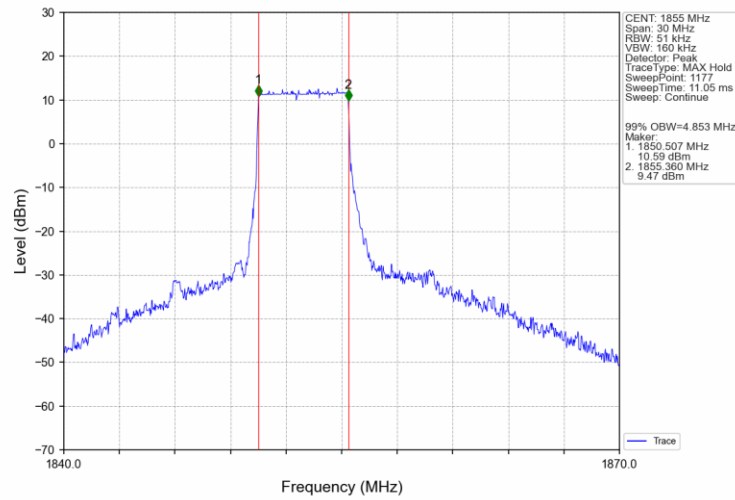
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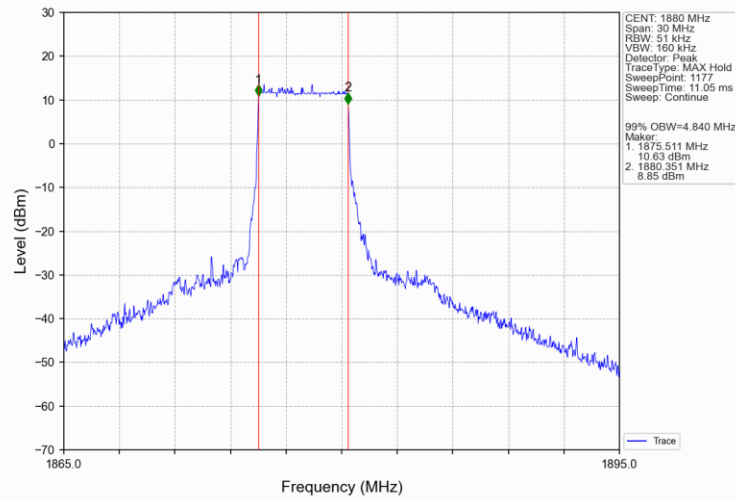
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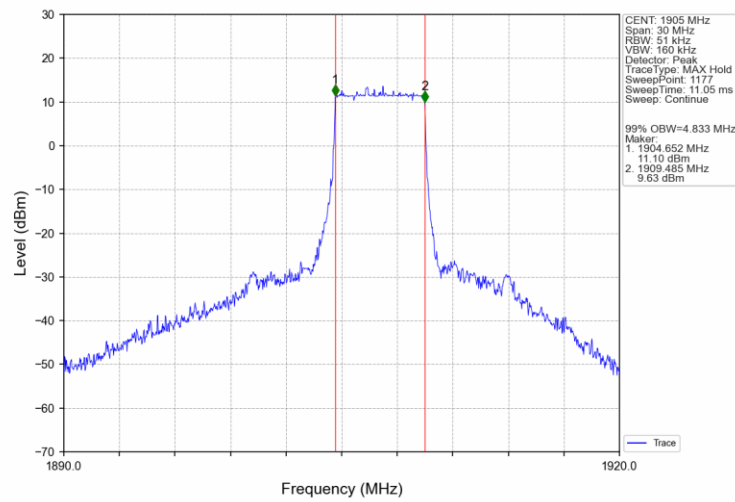
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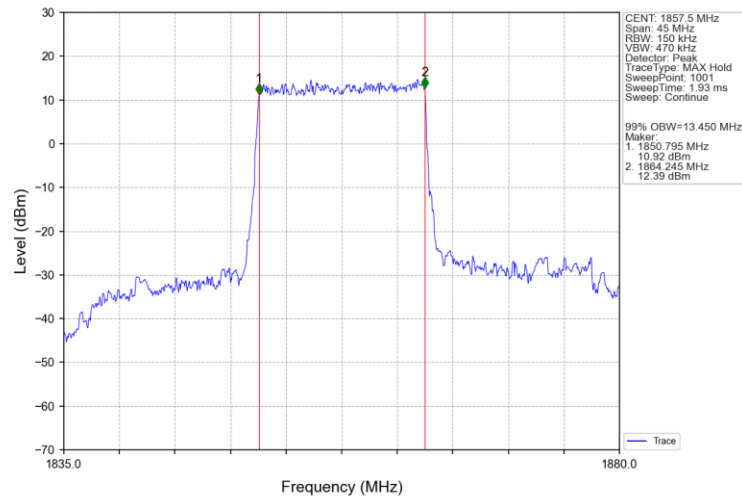
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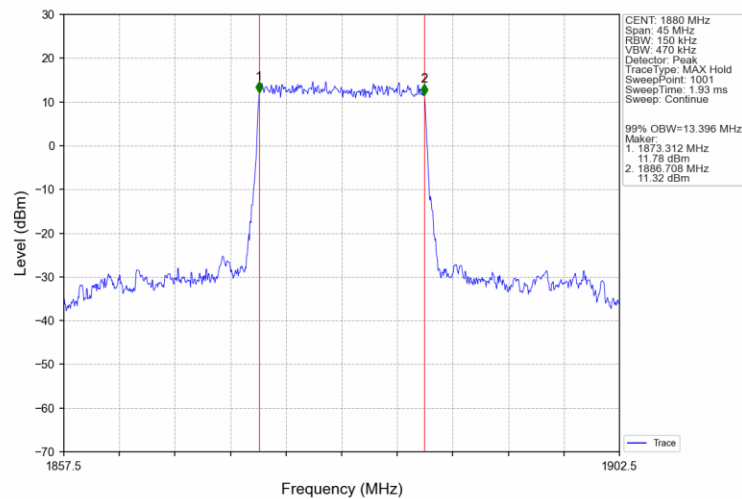
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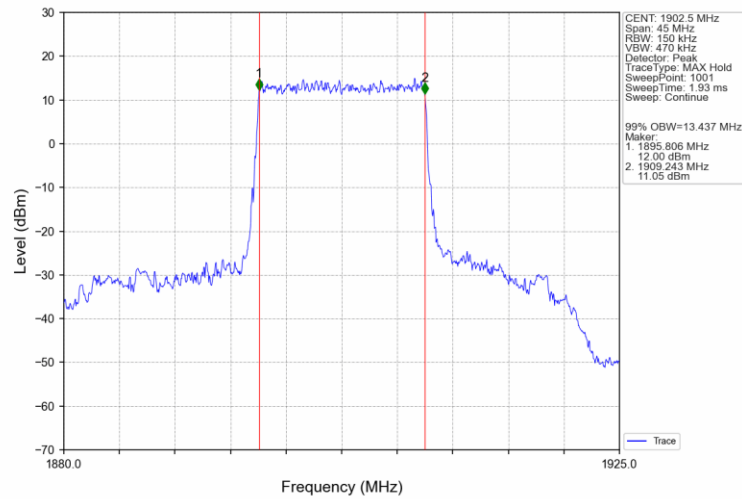
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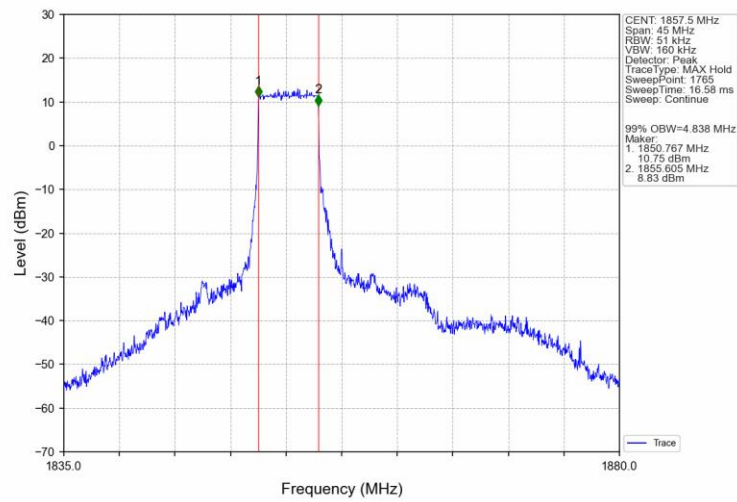
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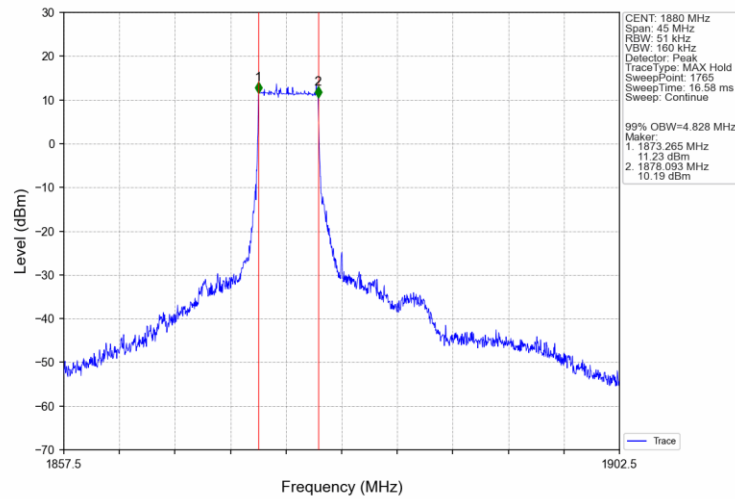
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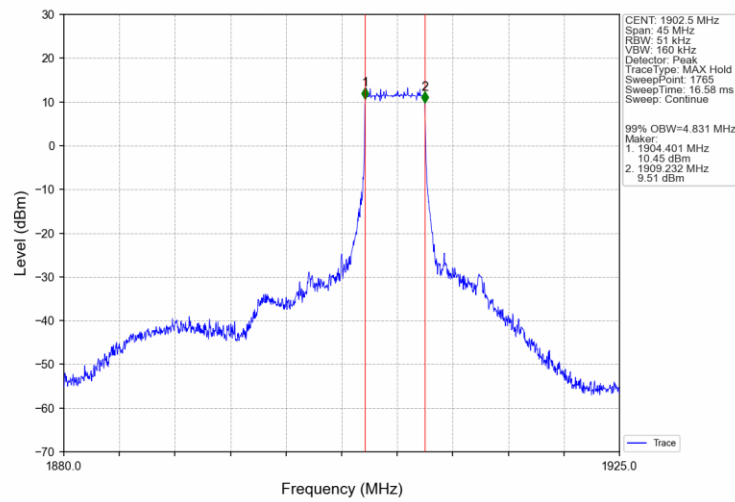
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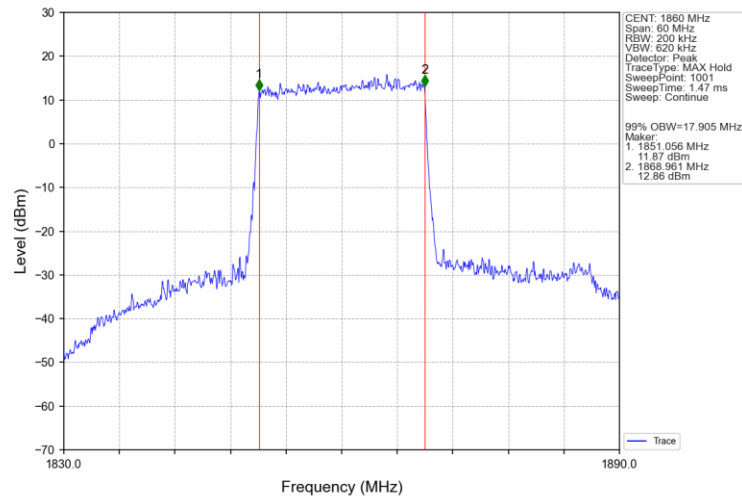
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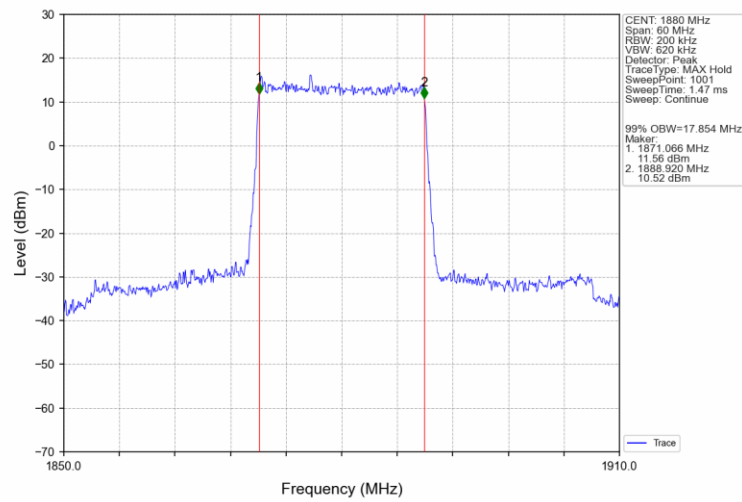
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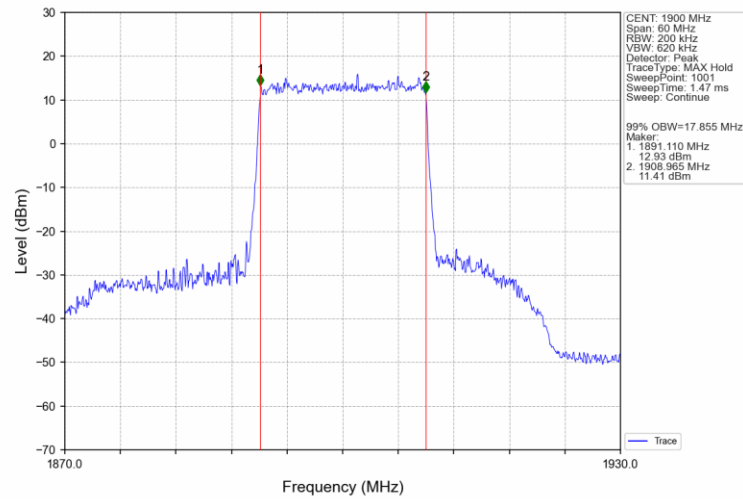
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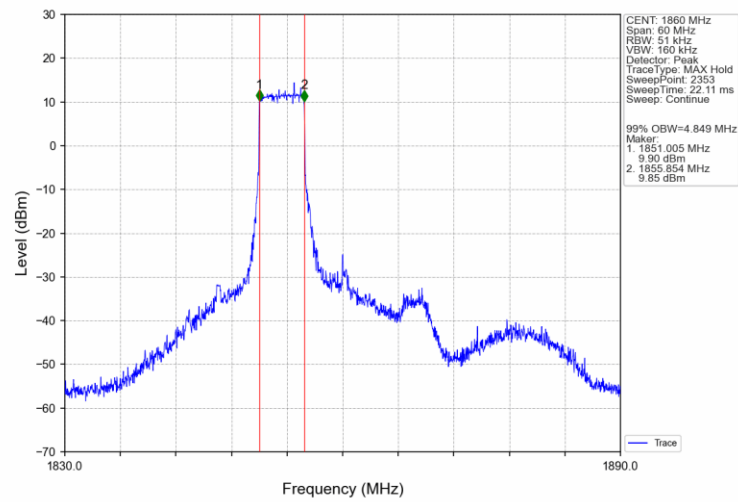
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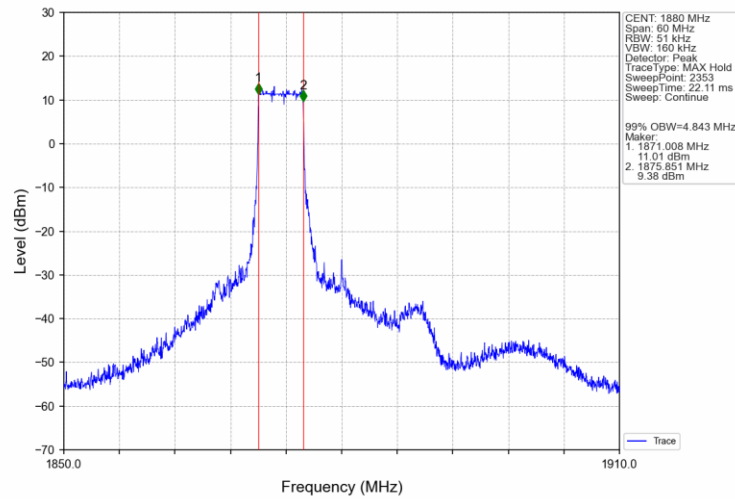
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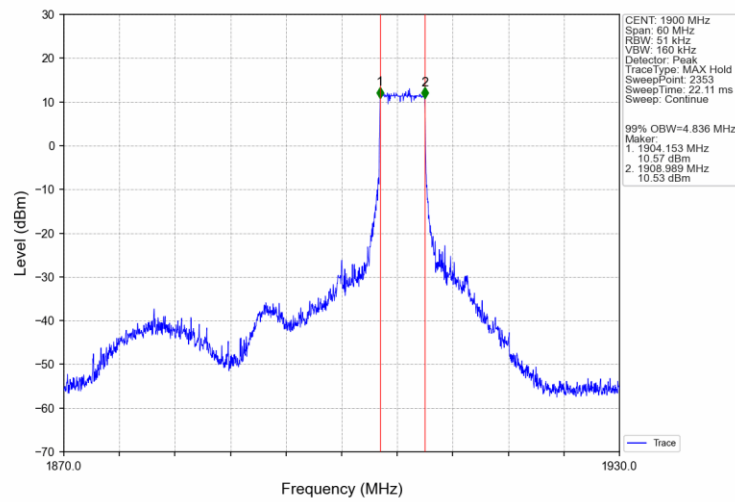
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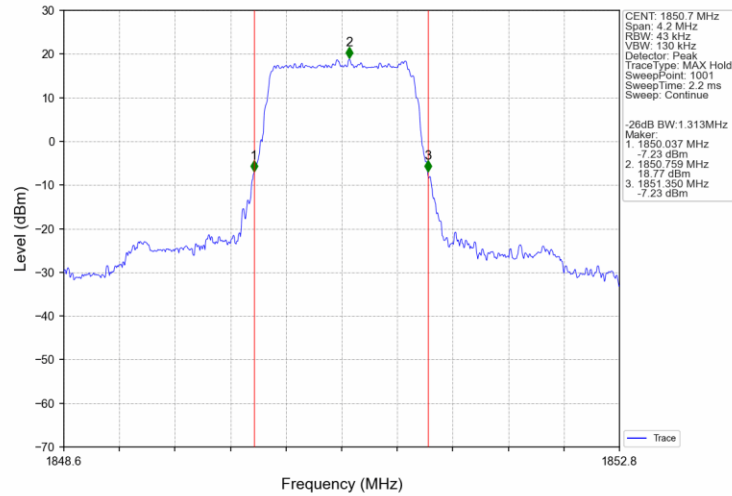


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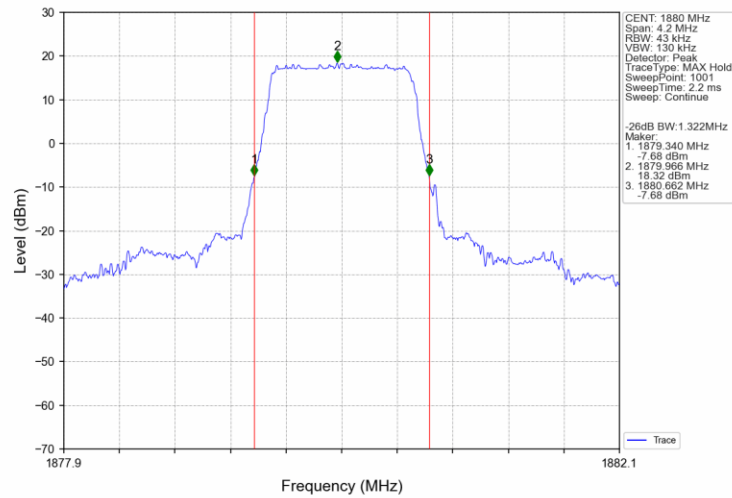


4.2.2 Band2_XDB

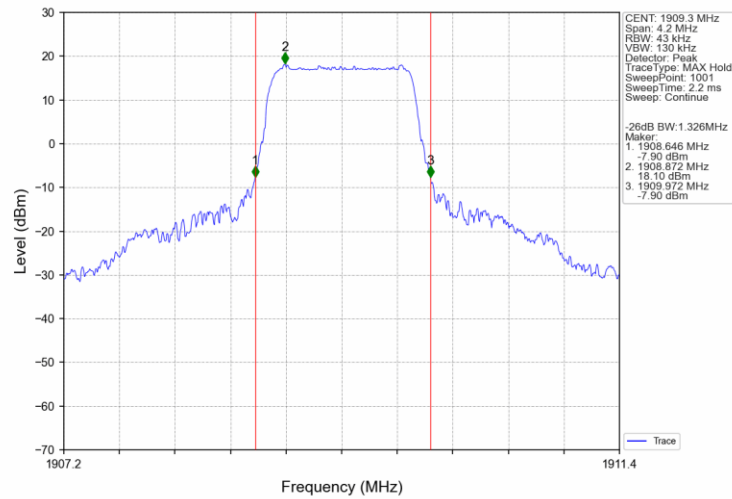
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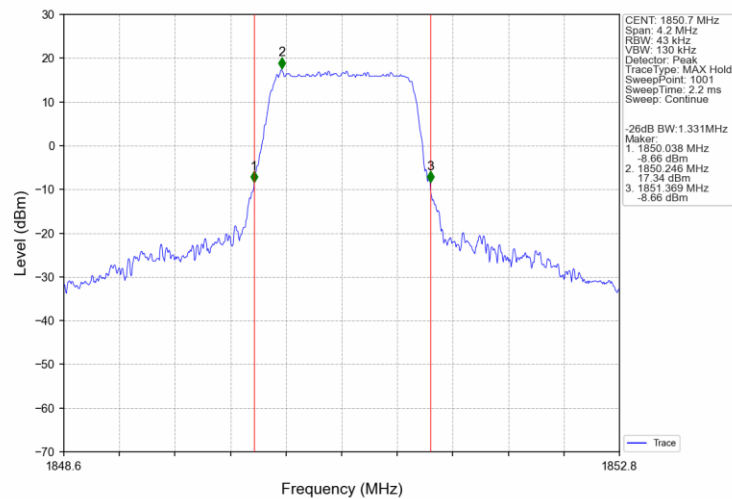
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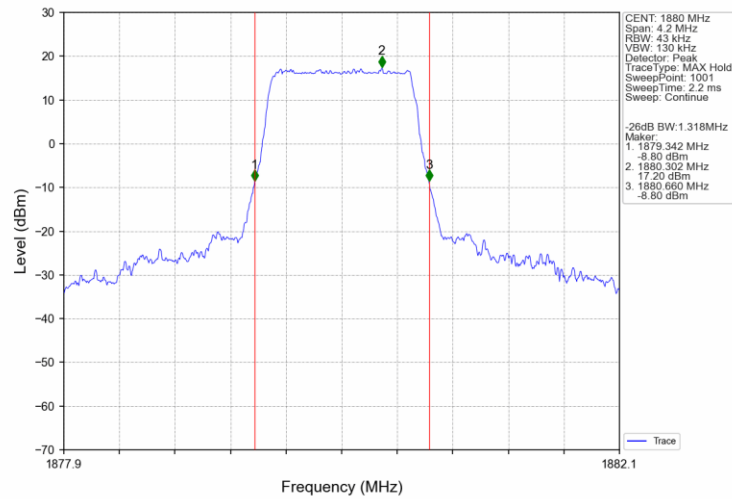
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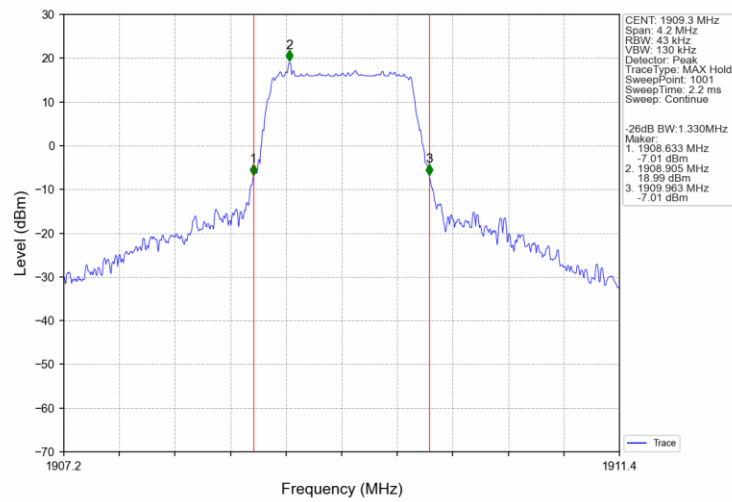
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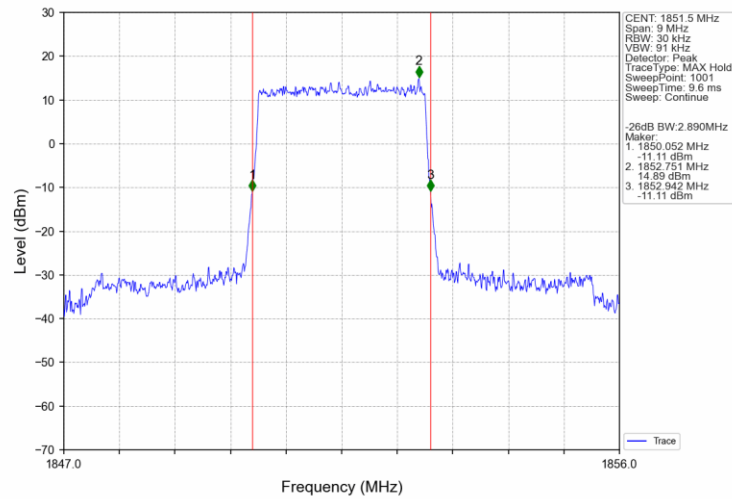
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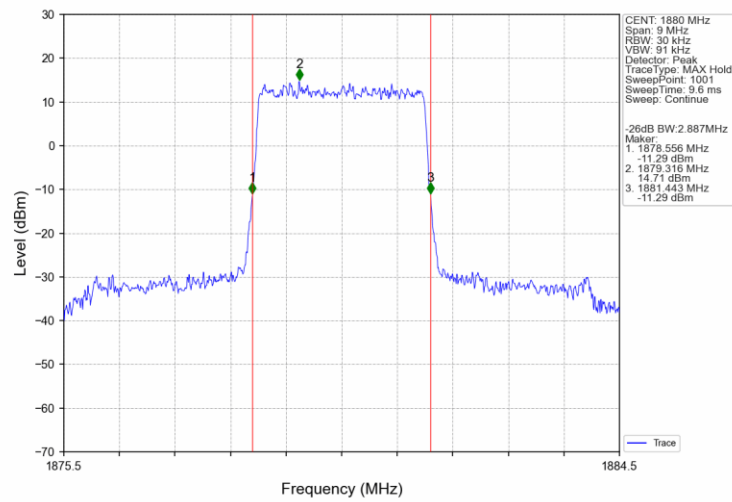
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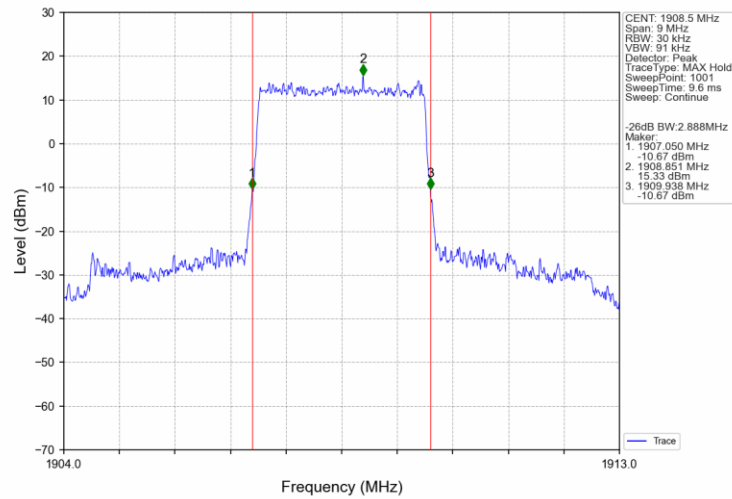
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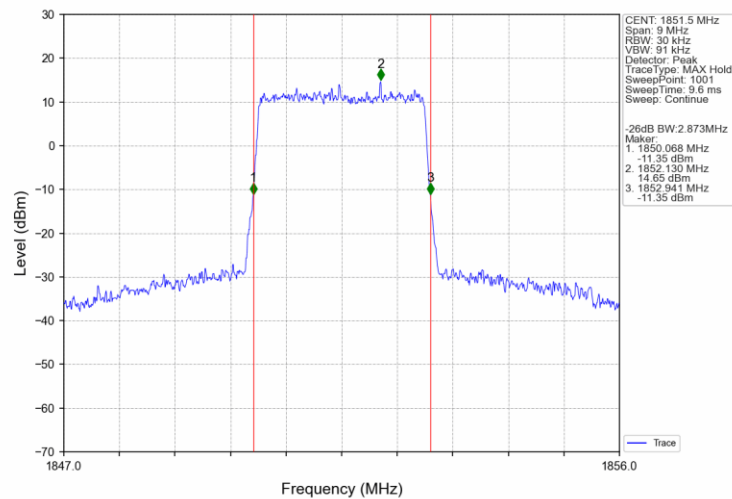
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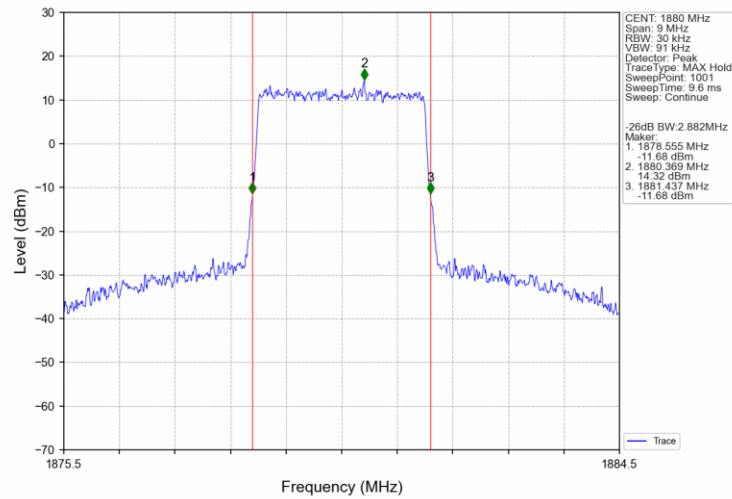
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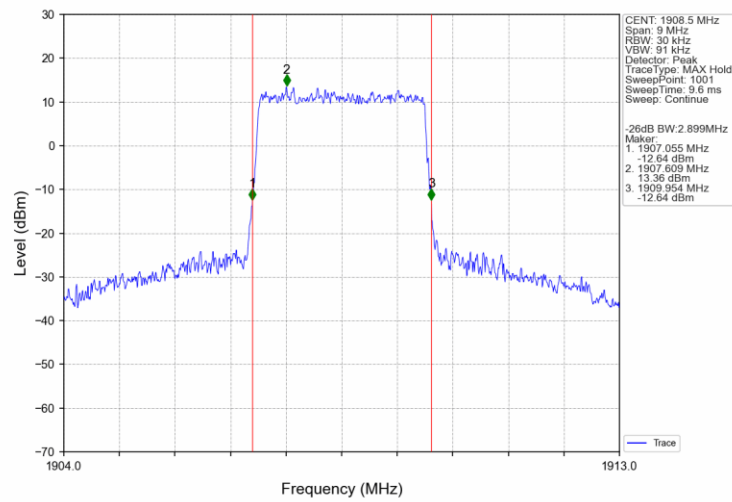
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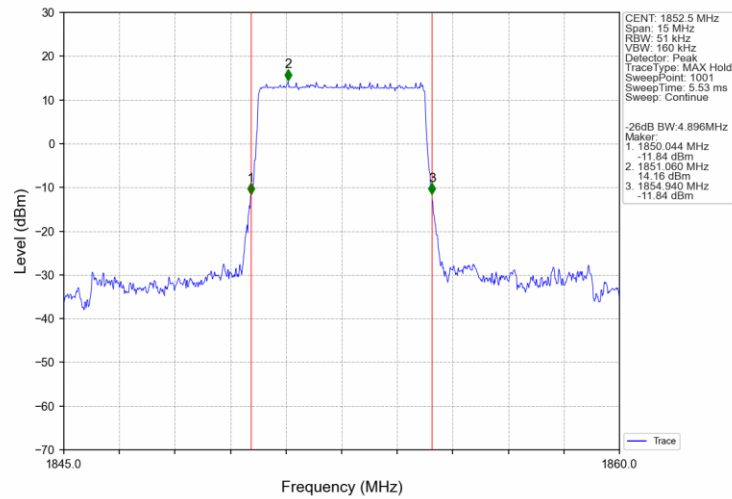
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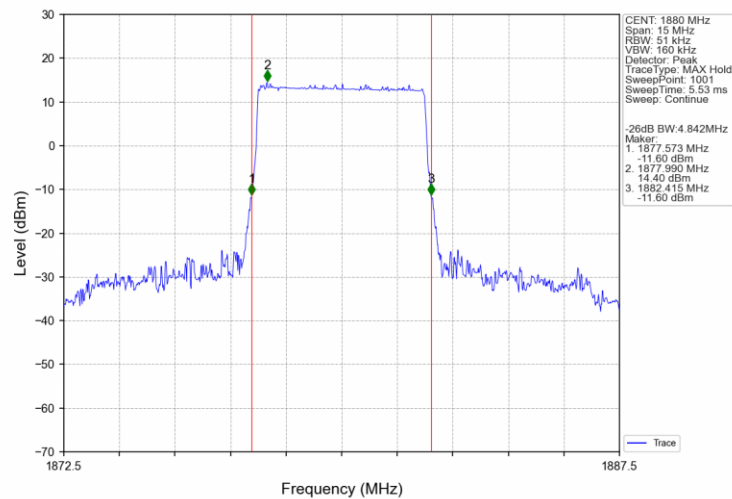
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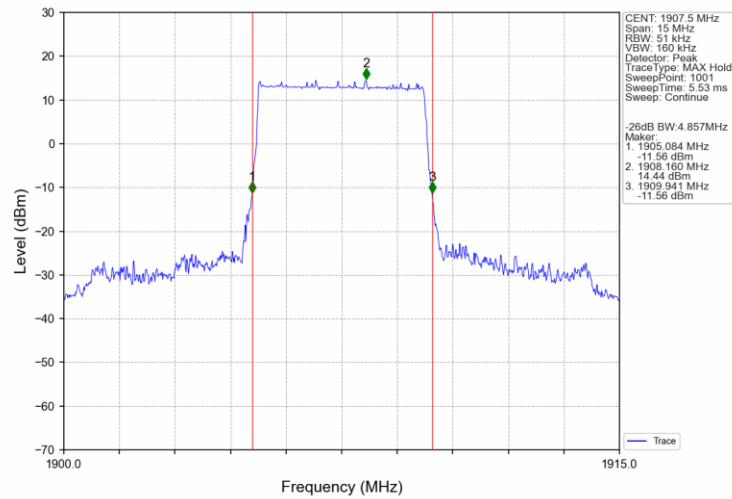
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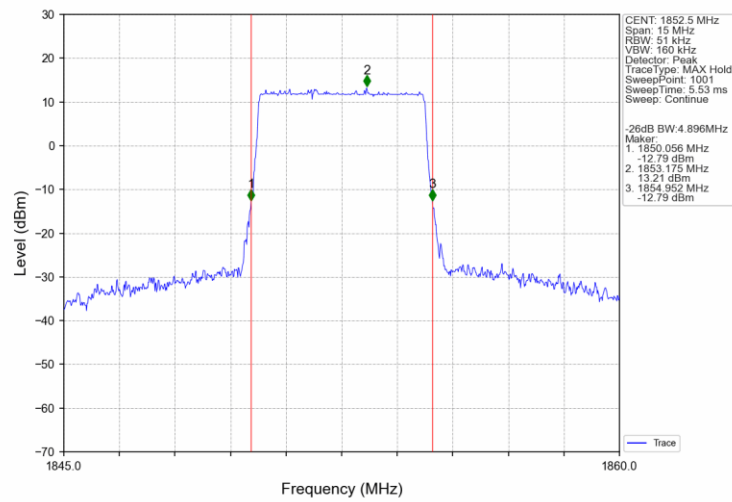
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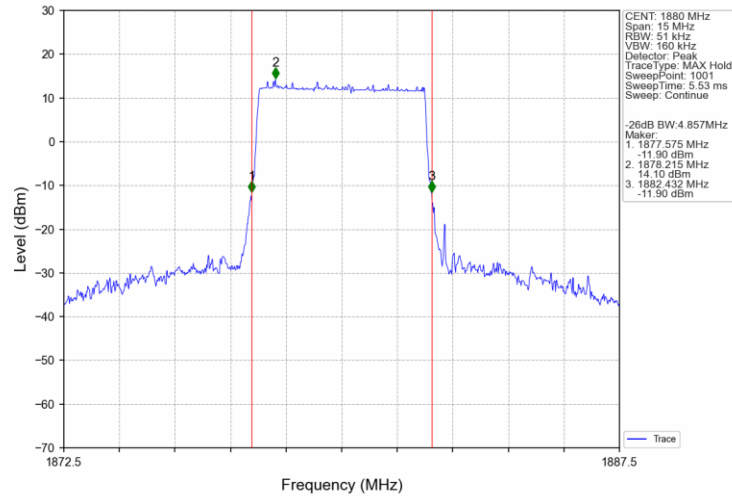
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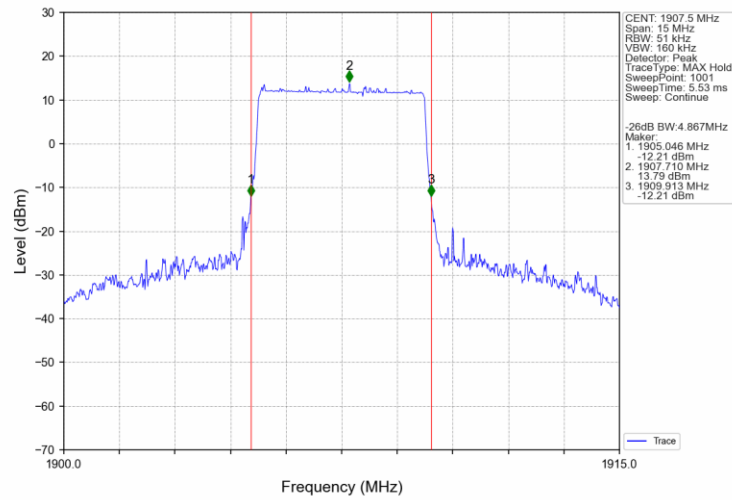
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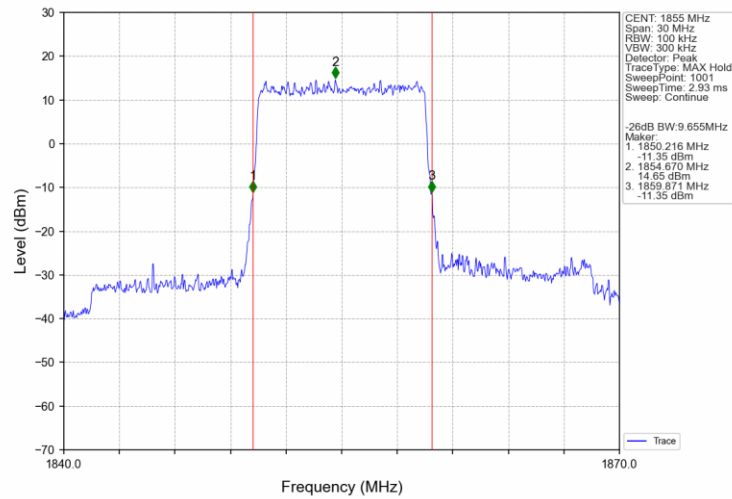
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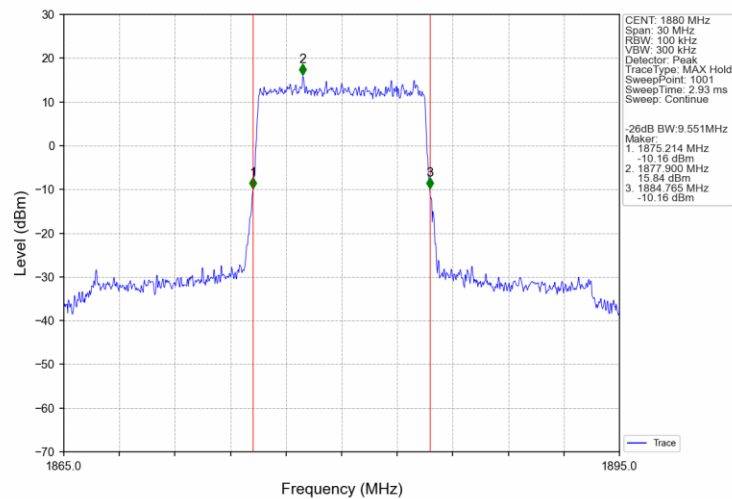
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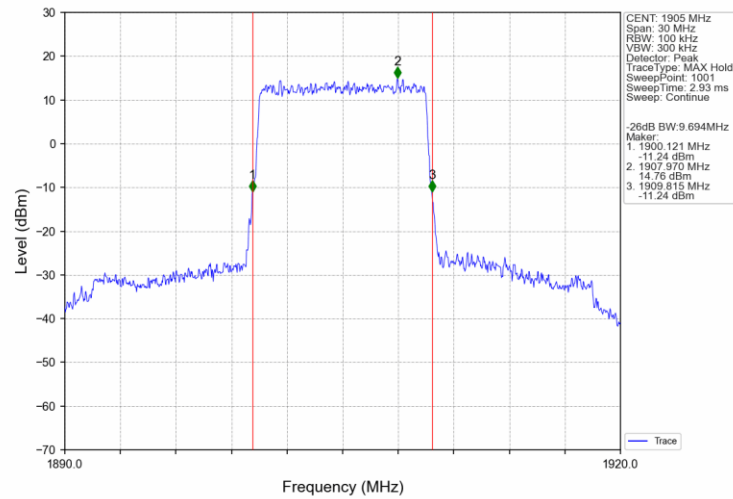
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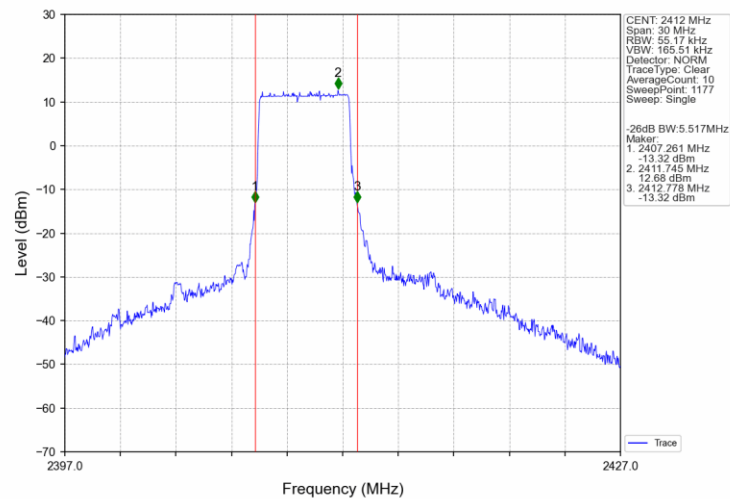
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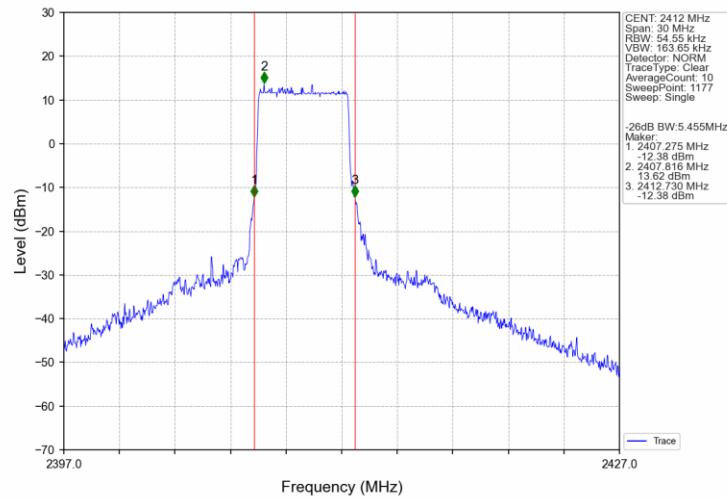
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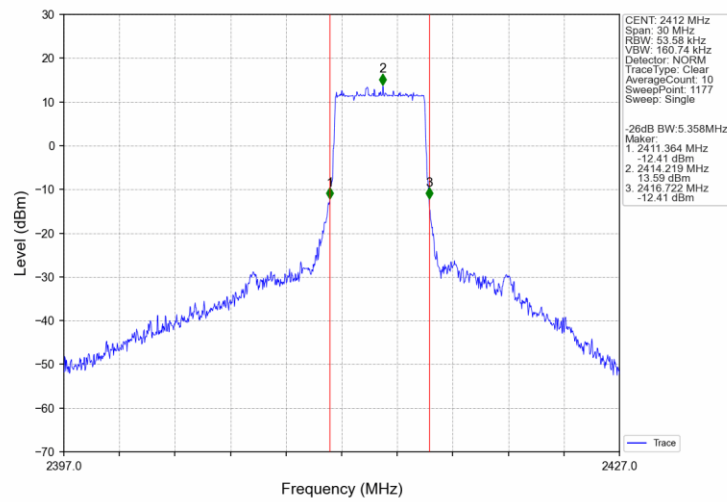
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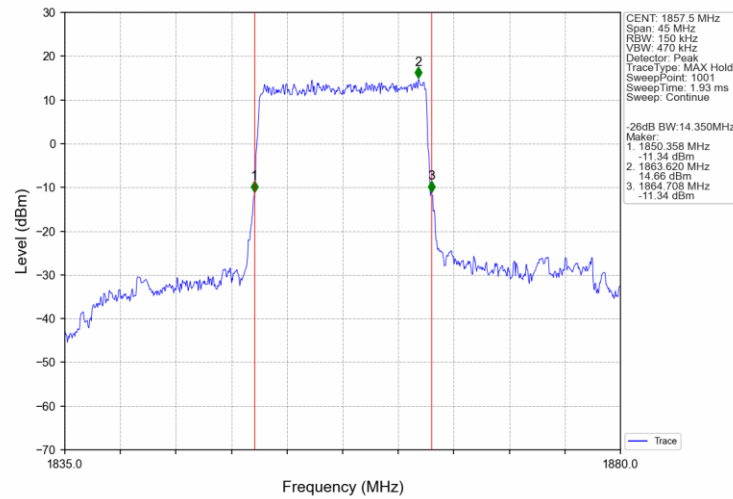
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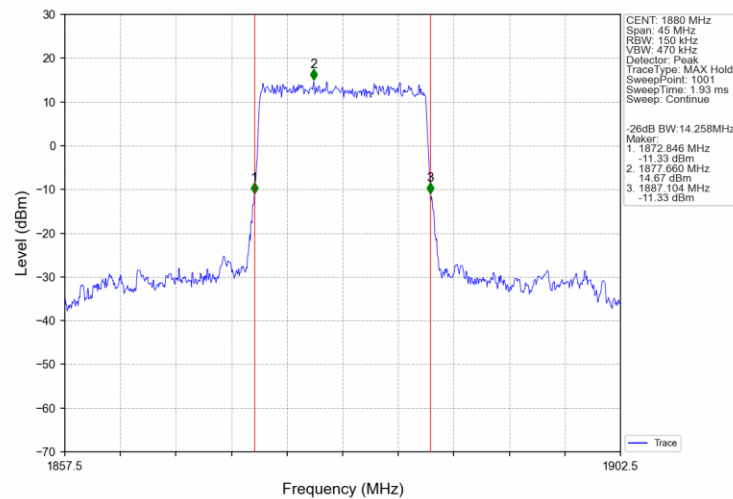
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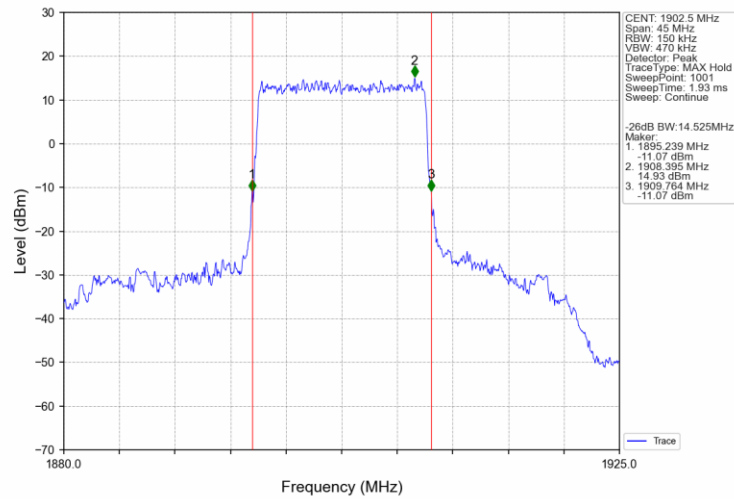
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



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 27 0 NTNV

