

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	23.22	1.30	24.52	<=33.01	Pass
			2	23.37	1.30	24.67	<=33.01	Pass
			5	23.24	1.30	24.54	<=33.01	Pass
		3	0	23.32	1.30	24.62	<=33.01	Pass
			2	23.35	1.30	24.65	<=33.01	Pass
			3	23.36	1.30	24.66	<=33.01	Pass
		6	0	22.32	1.30	23.62	<=33.01	Pass
	1880	1	0	23.38	1.30	24.68	<=33.01	Pass
			2	23.53	1.30	24.83	<=33.01	Pass
			5	23.38	1.30	24.68	<=33.01	Pass
		3	0	23.45	1.30	24.75	<=33.01	Pass
			2	23.47	1.30	24.77	<=33.01	Pass
			3	23.47	1.30	24.77	<=33.01	Pass
		6	0	22.45	1.30	23.75	<=33.01	Pass
	1909.3	1	0	23.57	1.30	24.87	<=33.01	Pass
			2	23.71	1.30	25.01	<=33.01	Pass
			5	23.56	1.30	24.86	<=33.01	Pass
		3	0	23.64	1.30	24.94	<=33.01	Pass
			2	23.68	1.30	24.98	<=33.01	Pass
			3	23.66	1.30	24.96	<=33.01	Pass
		6	0	22.63	1.30	23.93	<=33.01	Pass
16QAM	1850.7	1	0	22.33	1.30	23.63	<=33.01	Pass
			2	22.54	1.30	23.84	<=33.01	Pass
			5	22.37	1.30	23.67	<=33.01	Pass
		3	0	22.22	1.30	23.52	<=33.01	Pass
			2	22.25	1.30	23.55	<=33.01	Pass
			3	22.22	1.30	23.52	<=33.01	Pass
		6	0	21.24	1.30	22.54	<=33.01	Pass
	1880	1	0	22.28	1.30	23.58	<=33.01	Pass
			2	22.45	1.30	23.75	<=33.01	Pass
			5	22.25	1.30	23.55	<=33.01	Pass
		3	0	22.24	1.30	23.54	<=33.01	Pass
			2	22.25	1.30	23.55	<=33.01	Pass
			3	22.24	1.30	23.54	<=33.01	Pass
		6	0	21.44	1.30	22.74	<=33.01	Pass
	1909.3	1	0	22.45	1.30	23.75	<=33.01	Pass
			2	22.64	1.30	23.94	<=33.01	Pass
			5	22.45	1.30	23.75	<=33.01	Pass
		3	0	22.44	1.30	23.74	<=33.01	Pass
			2	22.45	1.30	23.75	<=33.01	Pass
			3	22.42	1.30	23.72	<=33.01	Pass
		6	0	21.65	1.30	22.95	<=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	23.41	1.30	24.71	<=33.01	Pass
			7	23.56	1.30	24.86	<=33.01	Pass
			14	23.25	1.30	24.55	<=33.01	Pass
		8	0	22.57	1.30	23.87	<=33.01	Pass
			4	22.76	1.30	24.06	<=33.01	Pass
			7	22.72	1.30	24.02	<=33.01	Pass
		15	0	22.72	1.30	24.02	<=33.01	Pass
	1880	1	0	23.62	1.30	24.92	<=33.01	Pass
			7	23.81	1.30	25.11	<=33.01	Pass
			14	23.58	1.30	24.88	<=33.01	Pass
		8	0	22.57	1.30	23.87	<=33.01	Pass
			4	22.64	1.30	23.94	<=33.01	Pass
			7	22.65	1.30	23.95	<=33.01	Pass
		15	0	22.76	1.30	24.06	<=33.01	Pass
	1908.5	1	0	24.01	1.30	25.31	<=33.01	Pass
			7	24.23	1.30	25.53	<=33.01	Pass
			14	24.00	1.30	25.30	<=33.01	Pass
		8	0	23.07	1.30	24.37	<=33.01	Pass
			4	23.10	1.30	24.40	<=33.01	Pass
			7	23.08	1.30	24.38	<=33.01	Pass
		15	0	23.05	1.30	24.35	<=33.01	Pass
16QAM	1851.5	1	0	22.41	1.30	23.71	<=33.01	Pass
			7	22.58	1.30	23.88	<=33.01	Pass
			14	22.38	1.30	23.68	<=33.01	Pass
		8	0	21.68	1.30	22.98	<=33.01	Pass
			4	21.80	1.30	23.10	<=33.01	Pass
			7	21.74	1.30	23.04	<=33.01	Pass
		15	0	21.65	1.30	22.95	<=33.01	Pass
	1880	1	0	22.30	1.30	23.60	<=33.01	Pass
			7	22.97	1.30	24.27	<=33.01	Pass
			14	22.79	1.30	24.09	<=33.01	Pass
		8	0	21.90	1.30	23.20	<=33.01	Pass
			4	21.93	1.30	23.23	<=33.01	Pass
			7	21.90	1.30	23.20	<=33.01	Pass
		15	0	21.75	1.30	23.05	<=33.01	Pass
	1908.5	1	0	23.18	1.30	24.48	<=33.01	Pass
			7	23.27	1.30	24.57	<=33.01	Pass
			14	23.14	1.30	24.44	<=33.01	Pass
		8	0	22.12	1.30	23.42	<=33.01	Pass
			4	22.14	1.30	23.44	<=33.01	Pass
			7	22.11	1.30	23.41	<=33.01	Pass
		15	0	22.06	1.30	23.36	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B2_5MHz_EIRP

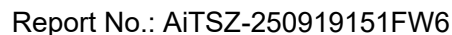
Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.67	1.30	24.97	<=33.01	Pass
			13	23.80	1.30	25.10	<=33.01	Pass
			24	23.70	1.30	25.00	<=33.01	Pass
		12	0	22.76	1.30	24.06	<=33.01	Pass
			6	22.80	1.30	24.10	<=33.01	Pass
			13	22.77	1.30	24.07	<=33.01	Pass
		25	0	22.74	1.30	24.04	<=33.01	Pass
			0	23.79	1.30	25.09	<=33.01	Pass
			13	23.93	1.30	25.23	<=33.01	Pass
	1880	1	24	23.84	1.30	25.14	<=33.01	Pass
			0	22.81	1.30	24.11	<=33.01	Pass
			6	22.87	1.30	24.17	<=33.01	Pass
		12	13	22.84	1.30	24.14	<=33.01	Pass
			0	22.85	1.30	24.15	<=33.01	Pass
			0	23.97	1.30	25.27	<=33.01	Pass
		25	13	24.12	1.30	25.42	<=33.01	Pass
			24	24.01	1.30	25.31	<=33.01	Pass
			0	23.03	1.30	24.33	<=33.01	Pass
	1907.5	12	6	23.11	1.30	24.41	<=33.01	Pass
			13	23.04	1.30	24.34	<=33.01	Pass
			0	23.05	1.30	24.35	<=33.01	Pass
16QAM	1852.5	1	0	22.81	1.30	24.11	<=33.01	Pass
			13	22.96	1.30	24.26	<=33.01	Pass
			24	22.82	1.30	24.12	<=33.01	Pass
		12	0	21.76	1.30	23.06	<=33.01	Pass
			6	21.82	1.30	23.12	<=33.01	Pass
			13	21.77	1.30	23.07	<=33.01	Pass
		25	0	21.71	1.30	23.01	<=33.01	Pass
			0	22.90	1.30	24.20	<=33.01	Pass
			13	23.02	1.30	24.32	<=33.01	Pass
	1880	1	24	22.93	1.30	24.23	<=33.01	Pass
			0	21.85	1.30	23.15	<=33.01	Pass
			6	21.92	1.30	23.22	<=33.01	Pass
		12	13	21.86	1.30	23.16	<=33.01	Pass
			0	21.90	1.30	23.20	<=33.01	Pass
			0	23.00	1.30	24.30	<=33.01	Pass
		25	13	23.16	1.30	24.46	<=33.01	Pass
			24	23.05	1.30	24.35	<=33.01	Pass
			0	21.96	1.30	23.26	<=33.01	Pass
	1907.5	12	6	22.08	1.30	23.38	<=33.01	Pass
			13	22.05	1.30	23.35	<=33.01	Pass
			0	22.05	1.30	23.35	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.67	1.30	24.97	<=33.01	Pass
			25	23.87	1.30	25.17	<=33.01	Pass
			49	23.70	1.30	25.00	<=33.01	Pass
		25	0	22.78	1.30	24.08	<=33.01	Pass
			13	22.76	1.30	24.06	<=33.01	Pass
			25	22.76	1.30	24.06	<=33.01	Pass
		50	0	22.74	1.30	24.04	<=33.01	Pass
	1880	1	0	23.81	1.30	25.11	<=33.01	Pass
			25	24.00	1.30	25.30	<=33.01	Pass
			49	23.88	1.30	25.18	<=33.01	Pass
		25	0	22.85	1.30	24.15	<=33.01	Pass
			13	22.87	1.30	24.17	<=33.01	Pass
			25	22.91	1.30	24.21	<=33.01	Pass
		50	0	22.91	1.30	24.21	<=33.01	Pass
	1905	1	0	23.95	1.30	25.25	<=33.01	Pass
			25	24.08	1.30	25.38	<=33.01	Pass
			49	23.99	1.30	25.29	<=33.01	Pass
		25	0	23.03	1.30	24.33	<=33.01	Pass
			13	23.08	1.30	24.38	<=33.01	Pass
			25	23.10	1.30	24.40	<=33.01	Pass
		50	0	23.04	1.30	24.34	<=33.01	Pass
16QAM	1855	1	0	22.84	1.30	24.14	<=33.01	Pass
			25	22.94	1.30	24.24	<=33.01	Pass
			49	22.82	1.30	24.12	<=33.01	Pass
		25	0	21.81	1.30	23.11	<=33.01	Pass
			13	21.79	1.30	23.09	<=33.01	Pass
			25	21.76	1.30	23.06	<=33.01	Pass
		50	0	21.74	1.30	23.04	<=33.01	Pass
	1880	1	0	22.67	1.30	23.97	<=33.01	Pass
			25	22.87	1.30	24.17	<=33.01	Pass
			49	22.77	1.30	24.07	<=33.01	Pass
		25	0	21.89	1.30	23.19	<=33.01	Pass
			13	21.90	1.30	23.20	<=33.01	Pass
			25	21.96	1.30	23.26	<=33.01	Pass
		50	0	21.86	1.30	23.16	<=33.01	Pass
	1905	1	0	23.14	1.30	24.44	<=33.01	Pass
			25	23.24	1.30	24.54	<=33.01	Pass
			49	23.20	1.30	24.50	<=33.01	Pass
		25	0	22.03	1.30	23.33	<=33.01	Pass
			13	22.06	1.30	23.36	<=33.01	Pass
			25	22.12	1.30	23.42	<=33.01	Pass
		50	0	22.04	1.30	23.34	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



Band: 2 / Bandwidth: 15MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	23.60	1.30	24.90	<=33.01	Pass		
			38	23.76	1.30	25.06	<=33.01	Pass		
			74	23.72	1.30	25.02	<=33.01	Pass		
		36	0	22.88	1.30	24.18	<=33.01	Pass		
			18	22.90	1.30	24.20	<=33.01	Pass		
			39	22.86	1.30	24.16	<=33.01	Pass		
		75	0	22.89	1.30	24.19	<=33.01	Pass		
		1880	1	0	23.76	1.30	25.06	<=33.01	Pass	
				38	23.91	1.30	25.21	<=33.01	Pass	
	74			23.85	1.30	25.15	<=33.01	Pass		
	36		0	22.90	1.30	24.20	<=33.01	Pass		
			18	22.94	1.30	24.24	<=33.01	Pass		
			39	22.97	1.30	24.27	<=33.01	Pass		
	75	0	22.93	1.30	24.23	<=33.01	Pass			
	1902.5	1	0	23.81	1.30	25.11	<=33.01	Pass		
			38	23.99	1.30	25.29	<=33.01	Pass		
			74	23.95	1.30	25.25	<=33.01	Pass		
		36	0	23.14	1.30	24.44	<=33.01	Pass		
			18	23.14	1.30	24.44	<=33.01	Pass		
			39	23.22	1.30	24.52	<=33.01	Pass		
		75	0	23.18	1.30	24.48	<=33.01	Pass		
		16QAM	1857.5	1	0	22.86	1.30	24.16	<=33.01	Pass
					38	22.94	1.30	24.24	<=33.01	Pass
	74				22.88	1.30	24.18	<=33.01	Pass	
36	0			21.85	1.30	23.15	<=33.01	Pass		
	18			21.85	1.30	23.15	<=33.01	Pass		
	39			21.79	1.30	23.09	<=33.01	Pass		
75	0			21.82	1.30	23.12	<=33.01	Pass		
1880	1		0	22.63	1.30	23.93	<=33.01	Pass		
			38	22.80	1.30	24.10	<=33.01	Pass		
			74	22.70	1.30	24.00	<=33.01	Pass		
	36		0	21.78	1.30	23.08	<=33.01	Pass		
			18	21.86	1.30	23.16	<=33.01	Pass		
			39	21.90	1.30	23.20	<=33.01	Pass		
75	0		21.92	1.30	23.22	<=33.01	Pass			
1902.5	1		0	22.98	1.30	24.28	<=33.01	Pass		
			38	23.20	1.30	24.50	<=33.01	Pass		
			74	23.14	1.30	24.44	<=33.01	Pass		
	36		0	22.03	1.30	23.33	<=33.01	Pass		
			18	22.06	1.30	23.36	<=33.01	Pass		
			39	22.10	1.30	23.40	<=33.01	Pass		
	75		0	22.10	1.30	23.40	<=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	23.53	1.30	24.83	<=33.01	Pass
			50	23.94	1.30	25.24	<=33.01	Pass
			99	23.67	1.30	24.97	<=33.01	Pass
		50	0	22.79	1.30	24.09	<=33.01	Pass
			25	22.77	1.30	24.07	<=33.01	Pass
			50	22.72	1.30	24.02	<=33.01	Pass
		100	0	22.73	1.30	24.03	<=33.01	Pass
			0	23.45	1.30	24.75	<=33.01	Pass
			50	23.86	1.30	25.16	<=33.01	Pass
	1880	1	99	23.61	1.30	24.91	<=33.01	Pass
			0	22.79	1.30	24.09	<=33.01	Pass
			25	22.90	1.30	24.20	<=33.01	Pass
		50	50	22.83	1.30	24.13	<=33.01	Pass
			0	22.78	1.30	24.08	<=33.01	Pass
			0	23.73	1.30	25.03	<=33.01	Pass
		100	50	24.19	1.30	25.49	<=33.01	Pass
			99	23.92	1.30	25.22	<=33.01	Pass
			0	23.07	1.30	24.37	<=33.01	Pass
16QAM	1860	1	25	23.05	1.30	24.35	<=33.01	Pass
			50	23.09	1.30	24.39	<=33.01	Pass
			0	23.06	1.30	24.36	<=33.01	Pass
		50	0	22.57	1.30	23.87	<=33.01	Pass
			50	22.89	1.30	24.19	<=33.01	Pass
			99	22.61	1.30	23.91	<=33.01	Pass
		100	0	21.78	1.30	23.08	<=33.01	Pass
			25	21.77	1.30	23.07	<=33.01	Pass
			50	21.70	1.30	23.00	<=33.01	Pass
	1880	1	0	21.71	1.30	23.01	<=33.01	Pass
			0	22.59	1.30	23.89	<=33.01	Pass
			50	23.04	1.30	24.34	<=33.01	Pass
		50	99	22.75	1.30	24.05	<=33.01	Pass
			0	21.83	1.30	23.13	<=33.01	Pass
			25	21.93	1.30	23.23	<=33.01	Pass
		100	50	21.92	1.30	23.22	<=33.01	Pass
			0	21.81	1.30	23.11	<=33.01	Pass
			0	22.79	1.30	24.09	<=33.01	Pass
	1900	1	50	23.29	1.30	24.59	<=33.01	Pass
			99	23.02	1.30	24.32	<=33.01	Pass
			0	22.03	1.30	23.33	<=33.01	Pass
		50	25	22.02	1.30	23.32	<=33.01	Pass
			50	22.09	1.30	23.39	<=33.01	Pass
			0	22.09	1.30	23.39	<=33.01	Pass
		100	0	22.09	1.30	23.39	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.23	-7.339	-0.0040	-2.5 to 2.5	Pass
					3.80	-6.108	-0.0033	-2.5 to 2.5	Pass
					4.37	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.80	6.523	0.0035	-2.5 to 2.5	Pass
				-20	3.80	-1.302	-0.0007	-2.5 to 2.5	Pass
				-10	3.80	-1.731	-0.0009	-2.5 to 2.5	Pass
				0	3.80	11.272	0.0061	-2.5 to 2.5	Pass
				10	3.80	-0.343	-0.0002	-2.5 to 2.5	Pass
				30	3.80	7.696	0.0042	-2.5 to 2.5	Pass
				40	3.80	6.695	0.0036	-2.5 to 2.5	Pass
				50	3.80	5.579	0.0030	-2.5 to 2.5	Pass
	1880	6	0	20	3.23	6.466	0.0034	-2.5 to 2.5	Pass
					3.80	0.443	0.0002	-2.5 to 2.5	Pass
					4.37	7.725	0.0041	-2.5 to 2.5	Pass
				-30	3.80	-2.446	-0.0013	-2.5 to 2.5	Pass
				-20	3.80	7.310	0.0039	-2.5 to 2.5	Pass
				-10	3.80	-1.216	-0.0006	-2.5 to 2.5	Pass
				0	3.80	0.544	0.0003	-2.5 to 2.5	Pass
				10	3.80	7.668	0.0041	-2.5 to 2.5	Pass
				30	3.80	8.097	0.0043	-2.5 to 2.5	Pass
				40	3.80	5.522	0.0029	-2.5 to 2.5	Pass
				50	3.80	8.497	0.0045	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.23	-2.289	-0.0012	-2.5 to 2.5	Pass
					3.80	8.569	0.0045	-2.5 to 2.5	Pass
					4.37	-0.701	-0.0004	-2.5 to 2.5	Pass
				-30	3.80	-0.572	-0.0003	-2.5 to 2.5	Pass
				-20	3.80	-4.864	-0.0025	-2.5 to 2.5	Pass
				-10	3.80	6.351	0.0033	-2.5 to 2.5	Pass
				0	3.80	9.527	0.0050	-2.5 to 2.5	Pass
				10	3.80	-5.736	-0.0030	-2.5 to 2.5	Pass
				30	3.80	2.232	0.0012	-2.5 to 2.5	Pass
				40	3.80	-0.243	-0.0001	-2.5 to 2.5	Pass
				50	3.80	-3.061	-0.0016	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.23	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.80	4.349	0.0023	-2.5 to 2.5	Pass
					4.37	0.443	0.0002	-2.5 to 2.5	Pass
				-30	3.80	3.562	0.0019	-2.5 to 2.5	Pass
				-20	3.80	1.917	0.0010	-2.5 to 2.5	Pass
				-10	3.80	4.549	0.0025	-2.5 to 2.5	Pass
				0	3.80	6.323	0.0034	-2.5 to 2.5	Pass
				10	3.80	2.861	0.0015	-2.5 to 2.5	Pass
				30	3.80	-0.286	-0.0002	-2.5 to 2.5	Pass
				40	3.80	4.463	0.0024	-2.5 to 2.5	Pass
				50	3.80	9.799	0.0053	-2.5 to 2.5	Pass
	1880	6	0	20	3.23	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.80	0.501	0.0003	-2.5 to 2.5	Pass
					4.37	8.297	0.0044	-2.5 to 2.5	Pass
				-30	3.80	7.124	0.0038	-2.5 to 2.5	Pass
				-20	3.80	7.839	0.0042	-2.5 to 2.5	Pass
				-10	3.80	9.298	0.0049	-2.5 to 2.5	Pass

				-30	3.80	2.332	0.0013	-2.5 to 2.5	Pass
				-20	3.80	8.497	0.0046	-2.5 to 2.5	Pass
				-10	3.80	11.330	0.0061	-2.5 to 2.5	Pass
				0	3.80	-2.832	-0.0015	-2.5 to 2.5	Pass
				10	3.80	9.255	0.0050	-2.5 to 2.5	Pass
				30	3.80	3.090	0.0017	-2.5 to 2.5	Pass
				40	3.80	6.552	0.0035	-2.5 to 2.5	Pass
				50	3.80	5.236	0.0028	-2.5 to 2.5	Pass
	1880	15	0	20	3.23	-1.717	-0.0009	-2.5 to 2.5	Pass
					3.80	7.138	0.0038	-2.5 to 2.5	Pass
					4.37	9.828	0.0052	-2.5 to 2.5	Pass
				-30	3.80	3.548	0.0019	-2.5 to 2.5	Pass
				-20	3.80	2.661	0.0014	-2.5 to 2.5	Pass
				-10	3.80	8.969	0.0048	-2.5 to 2.5	Pass
				0	3.80	4.749	0.0025	-2.5 to 2.5	Pass
				10	3.80	6.094	0.0032	-2.5 to 2.5	Pass
				30	3.80	5.736	0.0031	-2.5 to 2.5	Pass
				40	3.80	-0.529	-0.0003	-2.5 to 2.5	Pass
				50	3.80	7.925	0.0042	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.23	-1.502	-0.0008	-2.5 to 2.5	Pass
					3.80	3.533	0.0019	-2.5 to 2.5	Pass
					4.37	10.457	0.0055	-2.5 to 2.5	Pass
				-30	3.80	0.629	0.0003	-2.5 to 2.5	Pass
				-20	3.80	-4.349	-0.0023	-2.5 to 2.5	Pass
				-10	3.80	5.465	0.0029	-2.5 to 2.5	Pass
				0	3.80	-4.706	-0.0025	-2.5 to 2.5	Pass
				10	3.80	6.795	0.0036	-2.5 to 2.5	Pass
				30	3.80	-3.905	-0.0020	-2.5 to 2.5	Pass
				40	3.80	7.768	0.0041	-2.5 to 2.5	Pass
				50	3.80	-6.251	-0.0033	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.23	-1.774	-0.0010	-2.5 to 2.5	Pass
					3.80	1.688	0.0009	-2.5 to 2.5	Pass
					4.37	-5.836	-0.0032	-2.5 to 2.5	Pass
				-30	3.80	3.734	0.0020	-2.5 to 2.5	Pass
				-20	3.80	-0.944	-0.0005	-2.5 to 2.5	Pass
				-10	3.80	-3.877	-0.0021	-2.5 to 2.5	Pass
				0	3.80	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.80	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.80	-4.549	-0.0025	-2.5 to 2.5	Pass
				40	3.80	2.074	0.0011	-2.5 to 2.5	Pass
				50	3.80	-6.552	-0.0035	-2.5 to 2.5	Pass
	1880	25	0	20	3.23	5.708	0.0030	-2.5 to 2.5	Pass
					3.80	3.691	0.0020	-2.5 to 2.5	Pass
					4.37	10.357	0.0055	-2.5 to 2.5	Pass
				-30	3.80	1.817	0.0010	-2.5 to 2.5	Pass
				-20	3.80	10.371	0.0055	-2.5 to 2.5	Pass
				-10	3.80	1.302	0.0007	-2.5 to 2.5	Pass
				0	3.80	3.090	0.0016	-2.5 to 2.5	Pass
				10	3.80	6.609	0.0035	-2.5 to 2.5	Pass
				30	3.80	-2.975	-0.0016	-2.5 to 2.5	Pass
				40	3.80	3.233	0.0017	-2.5 to 2.5	Pass
				50	3.80	2.332	0.0012	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.23	-1.688	-0.0009	-2.5 to 2.5	Pass
					3.80	4.578	0.0024	-2.5 to 2.5	Pass
					4.37	7.381	0.0039	-2.5 to 2.5	Pass
				-30	3.80	4.349	0.0023	-2.5 to 2.5	Pass
				-20	3.80	0.415	0.0002	-2.5 to 2.5	Pass
				-10	3.80	0.415	0.0002	-2.5 to 2.5	Pass
				0	3.80	0.801	0.0004	-2.5 to 2.5	Pass
				10	3.80	0.587	0.0003	-2.5 to 2.5	Pass
				30	3.80	-2.232	-0.0012	-2.5 to 2.5	Pass
				40	3.80	13.304	0.0070	-2.5 to 2.5	Pass
				50	3.80	3.419	0.0018	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.23	2.017	0.0011	-2.5 to 2.5	Pass
					3.80	8.512	0.0046	-2.5 to 2.5	Pass
					4.37	13.533	0.0073	-2.5 to 2.5	Pass
				-30	3.80	-9.398	-0.0051	-2.5 to 2.5	Pass
				-20	3.80	2.918	0.0016	-2.5 to 2.5	Pass
				-10	3.80	2.275	0.0012	-2.5 to 2.5	Pass
				0	3.80	0.458	0.0002	-2.5 to 2.5	Pass
				10	3.80	-1.159	-0.0006	-2.5 to 2.5	Pass
				30	3.80	1.960	0.0011	-2.5 to 2.5	Pass
				40	3.80	-1.388	-0.0007	-2.5 to 2.5	Pass
				50	3.80	-0.958	-0.0005	-2.5 to 2.5	Pass
	1880	25	0	20	3.23	-2.532	-0.0013	-2.5 to 2.5	Pass
					3.80	-6.266	-0.0033	-2.5 to 2.5	Pass
					4.37	0.229	0.0001	-2.5 to 2.5	Pass
				-30	3.80	7.296	0.0039	-2.5 to 2.5	Pass
				-20	3.80	5.951	0.0032	-2.5 to 2.5	Pass
				-10	3.80	3.333	0.0018	-2.5 to 2.5	Pass
				0	3.80	9.756	0.0052	-2.5 to 2.5	Pass
				10	3.80	-3.276	-0.0017	-2.5 to 2.5	Pass
				30	3.80	4.535	0.0024	-2.5 to 2.5	Pass
				40	3.80	4.220	0.0022	-2.5 to 2.5	Pass
				50	3.80	-3.133	-0.0017	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.23	5.651	0.0030	-2.5 to 2.5	Pass
					3.80	1.488	0.0008	-2.5 to 2.5	Pass
					4.37	7.153	0.0037	-2.5 to 2.5	Pass
				-30	3.80	-4.191	-0.0022	-2.5 to 2.5	Pass
				-20	3.80	-1.559	-0.0008	-2.5 to 2.5	Pass
				-10	3.80	5.593	0.0029	-2.5 to 2.5	Pass
				0	3.80	3.519	0.0018	-2.5 to 2.5	Pass
				10	3.80	5.779	0.0030	-2.5 to 2.5	Pass
				30	3.80	5.536	0.0029	-2.5 to 2.5	Pass
				40	3.80	-2.389	-0.0013	-2.5 to 2.5	Pass
				50	3.80	1.316	0.0007	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.23	1.760	0.0009	-2.5 to 2.5	Pass
					3.80	0.401	0.0002	-2.5 to 2.5	Pass
					4.37	4.148	0.0022	-2.5 to 2.5	Pass
				-30	3.80	0.815	0.0004	-2.5 to 2.5	Pass
				-20	3.80	-1.559	-0.0008	-2.5 to 2.5	Pass
				-10	3.80	1.030	0.0006	-2.5 to 2.5	Pass
				0	3.80	5.007	0.0027	-2.5 to 2.5	Pass
				10	3.80	4.506	0.0024	-2.5 to 2.5	Pass

				30	3.80	3.934	0.0021	-2.5 to 2.5	Pass
				40	3.80	0.286	0.0002	-2.5 to 2.5	Pass
				50	3.80	2.546	0.0014	-2.5 to 2.5	Pass
	1880	50	0	20	3.23	-2.346	-0.0012	-2.5 to 2.5	Pass
					3.80	2.646	0.0014	-2.5 to 2.5	Pass
					4.37	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.80	-3.362	-0.0018	-2.5 to 2.5	Pass
				-20	3.80	-3.090	-0.0016	-2.5 to 2.5	Pass
				-10	3.80	4.692	0.0025	-2.5 to 2.5	Pass
				0	3.80	1.788	0.0010	-2.5 to 2.5	Pass
				10	3.80	-3.333	-0.0018	-2.5 to 2.5	Pass
				30	3.80	-1.745	-0.0009	-2.5 to 2.5	Pass
				40	3.80	-0.730	-0.0004	-2.5 to 2.5	Pass
				50	3.80	0.415	0.0002	-2.5 to 2.5	Pass
	1905	50	0	20	3.23	4.377	0.0023	-2.5 to 2.5	Pass
					3.80	1.516	0.0008	-2.5 to 2.5	Pass
					4.37	6.251	0.0033	-2.5 to 2.5	Pass
				-30	3.80	7.725	0.0041	-2.5 to 2.5	Pass
				-20	3.80	3.304	0.0017	-2.5 to 2.5	Pass
				-10	3.80	7.024	0.0037	-2.5 to 2.5	Pass
				0	3.80	-0.730	-0.0004	-2.5 to 2.5	Pass
				10	3.80	6.366	0.0033	-2.5 to 2.5	Pass
				30	3.80	2.260	0.0012	-2.5 to 2.5	Pass
				40	3.80	2.661	0.0014	-2.5 to 2.5	Pass
				50	3.80	3.848	0.0020	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.23	4.292	0.0023	-2.5 to 2.5	Pass
					3.80	5.393	0.0029	-2.5 to 2.5	Pass
					4.37	1.760	0.0009	-2.5 to 2.5	Pass
				-30	3.80	8.483	0.0046	-2.5 to 2.5	Pass
				-20	3.80	2.861	0.0015	-2.5 to 2.5	Pass
				-10	3.80	2.203	0.0012	-2.5 to 2.5	Pass
				0	3.80	4.349	0.0023	-2.5 to 2.5	Pass
				10	3.80	1.245	0.0007	-2.5 to 2.5	Pass
				30	3.80	1.016	0.0005	-2.5 to 2.5	Pass
				40	3.80	-2.074	-0.0011	-2.5 to 2.5	Pass
				50	3.80	3.905	0.0021	-2.5 to 2.5	Pass
	1880	50	0	20	3.23	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.80	1.416	0.0008	-2.5 to 2.5	Pass
					4.37	0.572	0.0003	-2.5 to 2.5	Pass
				-30	3.80	1.473	0.0008	-2.5 to 2.5	Pass
				-20	3.80	-0.415	-0.0002	-2.5 to 2.5	Pass
				-10	3.80	-4.277	-0.0023	-2.5 to 2.5	Pass
				0	3.80	-6.852	-0.0036	-2.5 to 2.5	Pass
				10	3.80	4.535	0.0024	-2.5 to 2.5	Pass
				30	3.80	3.047	0.0016	-2.5 to 2.5	Pass
				40	3.80	-3.490	-0.0019	-2.5 to 2.5	Pass
				50	3.80	1.602	0.0009	-2.5 to 2.5	Pass
	1905	50	0	20	3.23	4.091	0.0021	-2.5 to 2.5	Pass
					3.80	2.403	0.0013	-2.5 to 2.5	Pass
					4.37	5.121	0.0027	-2.5 to 2.5	Pass
				-30	3.80	-4.735	-0.0025	-2.5 to 2.5	Pass
				-20	3.80	1.116	0.0006	-2.5 to 2.5	Pass
				-10	3.80	2.890	0.0015	-2.5 to 2.5	Pass
				0	3.80	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.80	1.359	0.0007	-2.5 to 2.5	Pass
				30	3.80	6.323	0.0033	-2.5 to 2.5	Pass
				40	3.80	2.131	0.0011	-2.5 to 2.5	Pass
				50	3.80	6.752	0.0035	-2.5 to 2.5	Pass

2.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.23	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.80	2.818	0.0015	-2.5 to 2.5	Pass
					4.37	0.472	0.0003	-2.5 to 2.5	Pass
				-30	3.80	4.449	0.0024	-2.5 to 2.5	Pass
				-20	3.80	3.433	0.0018	-2.5 to 2.5	Pass
				-10	3.80	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.80	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.80	-0.057	0.0000	-2.5 to 2.5	Pass
				30	3.80	2.775	0.0015	-2.5 to 2.5	Pass
				40	3.80	1.645	0.0009	-2.5 to 2.5	Pass
				50	3.80	5.207	0.0028	-2.5 to 2.5	Pass
	1880	75	0	20	3.23	-0.286	-0.0002	-2.5 to 2.5	Pass
					3.80	0.672	0.0004	-2.5 to 2.5	Pass
					4.37	2.632	0.0014	-2.5 to 2.5	Pass
				-30	3.80	3.133	0.0017	-2.5 to 2.5	Pass
				-20	3.80	-0.129	-0.0001	-2.5 to 2.5	Pass
				-10	3.80	3.405	0.0018	-2.5 to 2.5	Pass
				0	3.80	4.606	0.0025	-2.5 to 2.5	Pass
				10	3.80	0.687	0.0004	-2.5 to 2.5	Pass
				30	3.80	0.916	0.0005	-2.5 to 2.5	Pass
				40	3.80	1.745	0.0009	-2.5 to 2.5	Pass
				50	3.80	-2.418	-0.0013	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.23	-3.533	-0.0019	-2.5 to 2.5	Pass
					3.80	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.37	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.80	2.804	0.0015	-2.5 to 2.5	Pass
				-20	3.80	2.804	0.0015	-2.5 to 2.5	Pass
				-10	3.80	2.046	0.0011	-2.5 to 2.5	Pass
				0	3.80	-0.801	-0.0004	-2.5 to 2.5	Pass
				10	3.80	2.174	0.0011	-2.5 to 2.5	Pass
				30	3.80	0.215	0.0001	-2.5 to 2.5	Pass
				40	3.80	-1.717	-0.0009	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.23	0.572	0.0003	-2.5 to 2.5	Pass
					3.80	0.043	0.0000	-2.5 to 2.5	Pass
					4.37	-0.901	-0.0005	-2.5 to 2.5	Pass
				-30	3.80	0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.80	0.386	0.0002	-2.5 to 2.5	Pass
				-10	3.80	1.531	0.0008	-2.5 to 2.5	Pass
				0	3.80	-0.186	-0.0001	-2.5 to 2.5	Pass
				10	3.80	0.772	0.0004	-2.5 to 2.5	Pass
				30	3.80	-1.316	-0.0007	-2.5 to 2.5	Pass
				40	3.80	3.190	0.0017	-2.5 to 2.5	Pass
				50	3.80	6.180	0.0033	-2.5 to 2.5	Pass
	1880	75	0	20	3.23	-1.345	-0.0007	-2.5 to 2.5	Pass
					3.80	2.918	0.0016	-2.5 to 2.5	Pass
					4.37	7.482	0.0040	-2.5 to 2.5	Pass
				-30	3.80	4.177	0.0022	-2.5 to 2.5	Pass
				-20	3.80	2.160	0.0011	-2.5 to 2.5	Pass
				-10	3.80	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.80	3.448	0.0018	-2.5 to 2.5	Pass
				10	3.80	3.576	0.0019	-2.5 to 2.5	Pass
				30	3.80	1.087	0.0006	-2.5 to 2.5	Pass
				40	3.80	1.888	0.0010	-2.5 to 2.5	Pass
				50	3.80	0.701	0.0004	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.23	3.877	0.0020	-2.5 to 2.5	Pass
					3.80	-0.086	0.0000	-2.5 to 2.5	Pass
					4.37	-1.545	-0.0008	-2.5 to 2.5	Pass
				-30	3.80	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.80	0.272	0.0001	-2.5 to 2.5	Pass
				-10	3.80	1.545	0.0008	-2.5 to 2.5	Pass
				0	3.80	0.830	0.0004	-2.5 to 2.5	Pass
				10	3.80	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.80	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.80	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.80	-2.346	-0.0012	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.23	-1.717	-0.0009	-2.5 to 2.5	Pass
					3.80	-1.702	-0.0009	-2.5 to 2.5	Pass
					4.37	3.090	0.0017	-2.5 to 2.5	Pass
				-30	3.80	-0.801	-0.0004	-2.5 to 2.5	Pass
				-20	3.80	-0.744	-0.0004	-2.5 to 2.5	Pass
				-10	3.80	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.80	1.502	0.0008	-2.5 to 2.5	Pass
				10	3.80	0.844	0.0005	-2.5 to 2.5	Pass
				30	3.80	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.80	-1.588	-0.0009	-2.5 to 2.5	Pass
				50	3.80	-1.259	-0.0007	-2.5 to 2.5	Pass
	1880	100	0	20	3.23	3.562	0.0019	-2.5 to 2.5	Pass
					3.80	4.706	0.0025	-2.5 to 2.5	Pass
					4.37	4.148	0.0022	-2.5 to 2.5	Pass
				-30	3.80	3.705	0.0020	-2.5 to 2.5	Pass
				-20	3.80	4.778	0.0025	-2.5 to 2.5	Pass
				-10	3.80	6.051	0.0032	-2.5 to 2.5	Pass
				0	3.80	5.221	0.0028	-2.5 to 2.5	Pass
				10	3.80	4.764	0.0025	-2.5 to 2.5	Pass
				30	3.80	1.903	0.0010	-2.5 to 2.5	Pass
				40	3.80	1.602	0.0009	-2.5 to 2.5	Pass
				50	3.80	1.144	0.0006	-2.5 to 2.5	Pass
	1900	100	0	20	3.23	4.206	0.0022	-2.5 to 2.5	Pass
					3.80	5.865	0.0031	-2.5 to 2.5	Pass
					4.37	4.120	0.0022	-2.5 to 2.5	Pass
				-30	3.80	3.390	0.0018	-2.5 to 2.5	Pass
				-20	3.80	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.80	3.119	0.0016	-2.5 to 2.5	Pass
				0	3.80	4.134	0.0022	-2.5 to 2.5	Pass
				10	3.80	2.446	0.0013	-2.5 to 2.5	Pass
				30	3.80	0.916	0.0005	-2.5 to 2.5	Pass
				40	3.80	5.693	0.0030	-2.5 to 2.5	Pass
				50	3.80	3.076	0.0016	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.23	0.958	0.0005	-2.5 to 2.5	Pass
					3.80	-1.259	-0.0007	-2.5 to 2.5	Pass
					4.37	3.662	0.0020	-2.5 to 2.5	Pass
				-30	3.80	0.758	0.0004	-2.5 to 2.5	Pass
				-20	3.80	-3.319	-0.0018	-2.5 to 2.5	Pass
				-10	3.80	1.974	0.0011	-2.5 to 2.5	Pass
				0	3.80	1.173	0.0006	-2.5 to 2.5	Pass
				10	3.80	-1.588	-0.0009	-2.5 to 2.5	Pass

				30	3.80	1.016	0.0005	-2.5 to 2.5	Pass
				40	3.80	-0.501	-0.0003	-2.5 to 2.5	Pass
				50	3.80	-3.018	-0.0016	-2.5 to 2.5	Pass
	1880	100	0	20	3.23	2.346	0.0012	-2.5 to 2.5	Pass
					3.80	0.772	0.0004	-2.5 to 2.5	Pass
					4.37	3.405	0.0018	-2.5 to 2.5	Pass
				-30	3.80	4.349	0.0023	-2.5 to 2.5	Pass
				-20	3.80	3.204	0.0017	-2.5 to 2.5	Pass
				-10	3.80	2.503	0.0013	-2.5 to 2.5	Pass
				0	3.80	1.960	0.0010	-2.5 to 2.5	Pass
				10	3.80	2.689	0.0014	-2.5 to 2.5	Pass
				30	3.80	3.333	0.0018	-2.5 to 2.5	Pass
				40	3.80	1.416	0.0008	-2.5 to 2.5	Pass
				50	3.80	1.945	0.0010	-2.5 to 2.5	Pass
	1900	100	0	20	3.23	-1.030	-0.0005	-2.5 to 2.5	Pass
					3.80	0.458	0.0002	-2.5 to 2.5	Pass
					4.37	4.449	0.0023	-2.5 to 2.5	Pass
				-30	3.80	2.103	0.0011	-2.5 to 2.5	Pass
				-20	3.80	-1.202	-0.0006	-2.5 to 2.5	Pass
				-10	3.80	0.172	0.0001	-2.5 to 2.5	Pass
				0	3.80	1.402	0.0007	-2.5 to 2.5	Pass
				10	3.80	2.446	0.0013	-2.5 to 2.5	Pass
				30	3.80	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.80	3.519	0.0019	-2.5 to 2.5	Pass
				50	3.80	2.632	0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

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

3.1.2 B2_3MHz

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

3.1.3 B2_5MHz

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

3.1.4 B2_10MHz

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

3.1.5 B2_15MHz

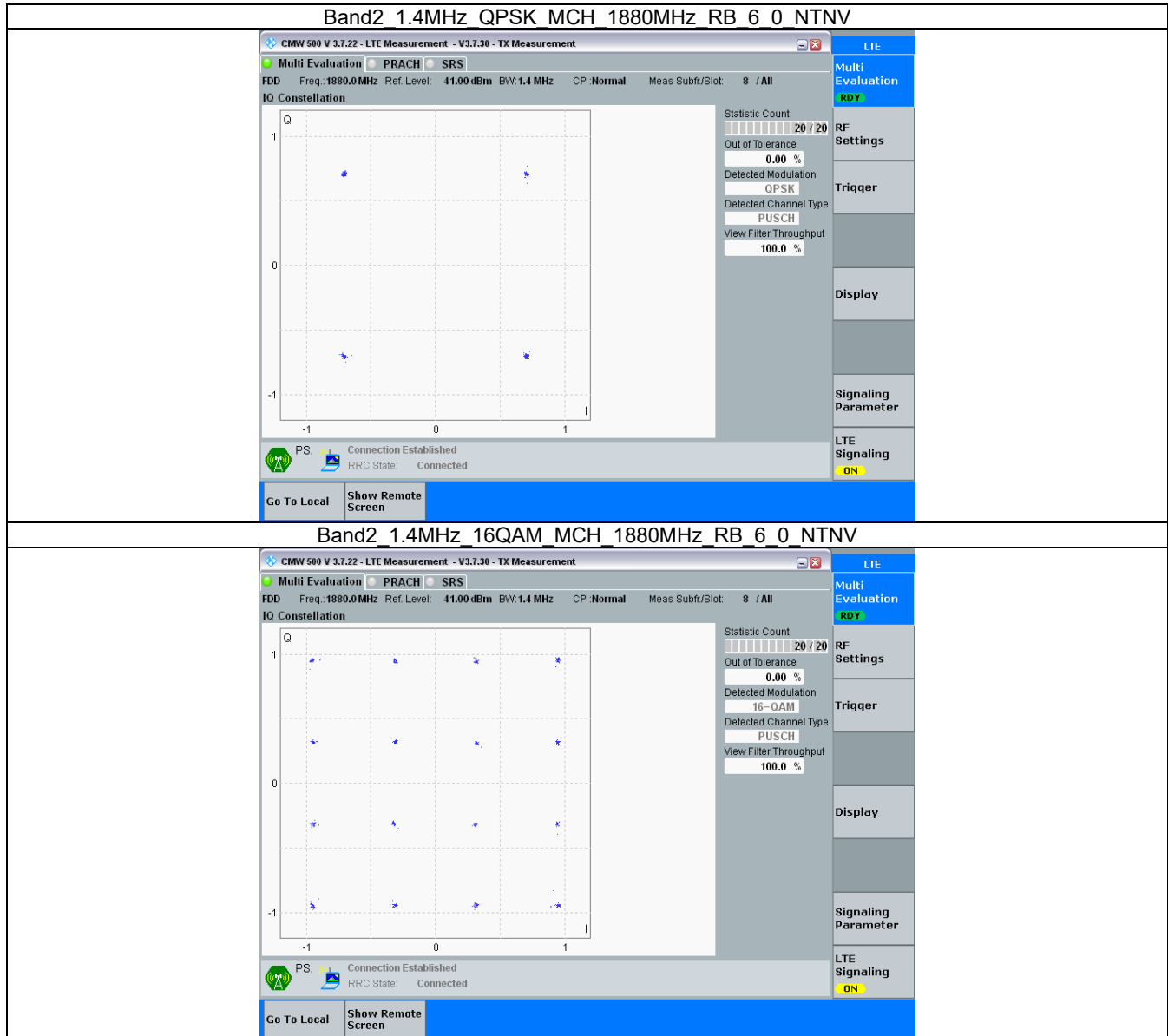
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

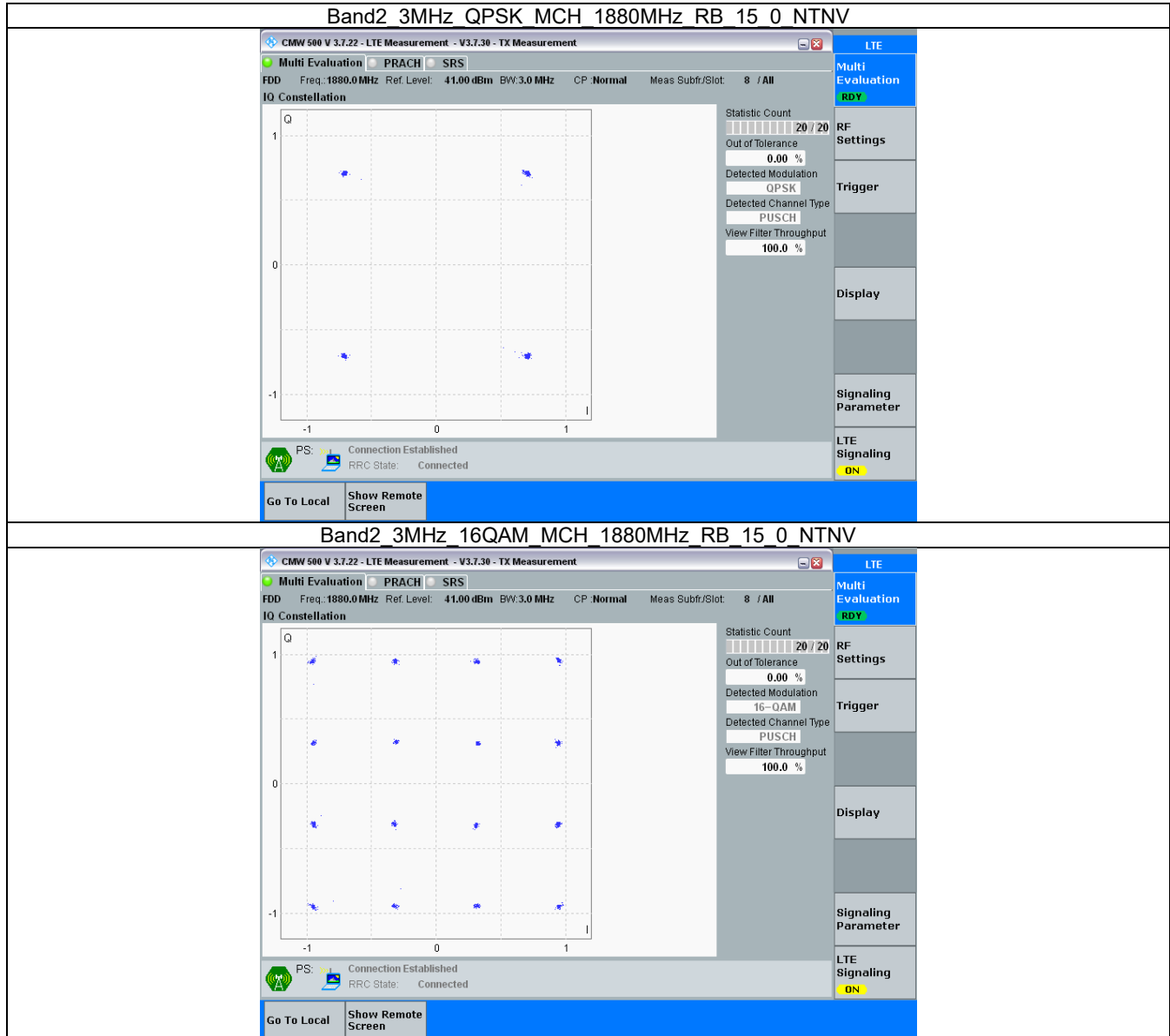
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

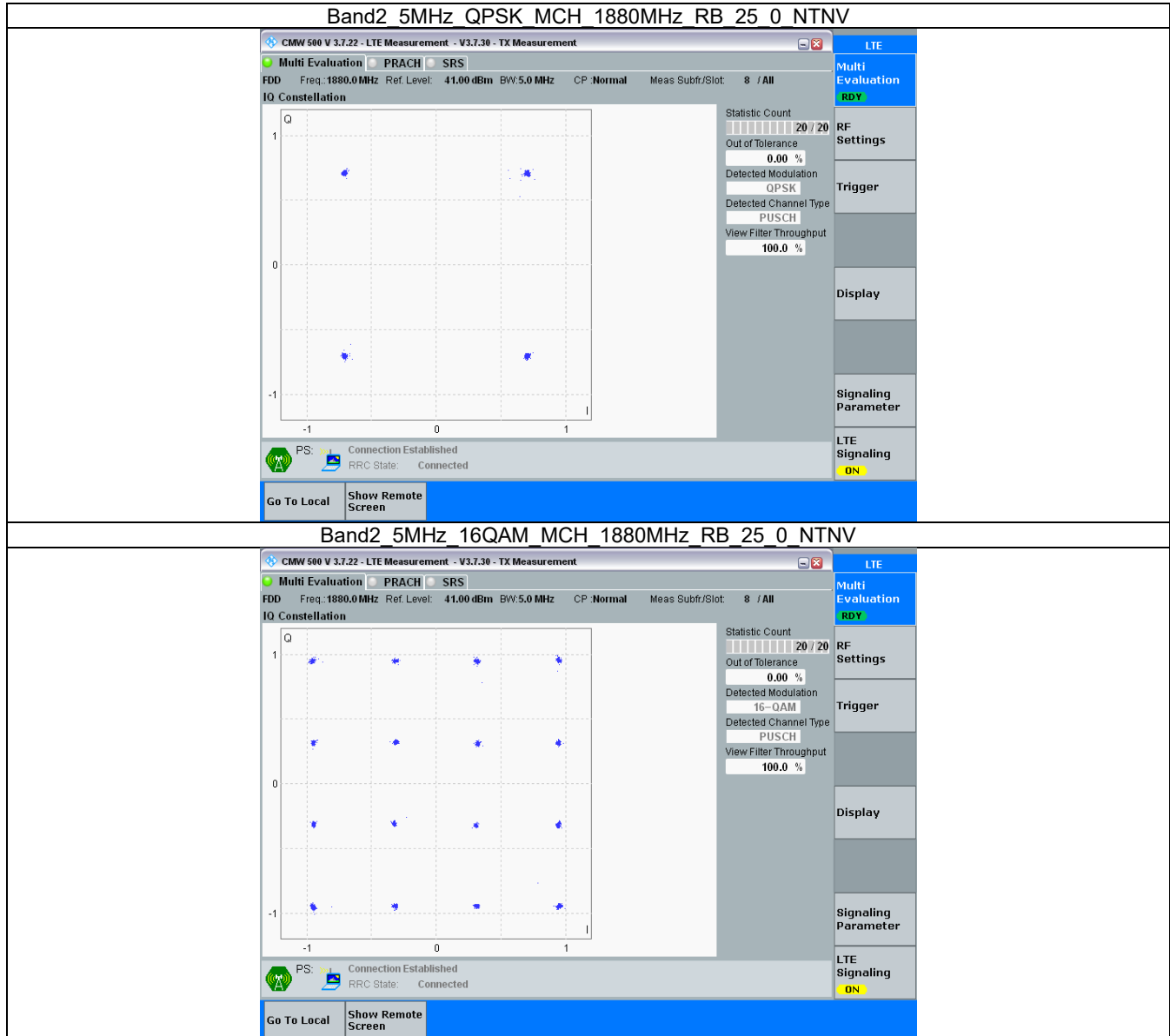
3.2.1 B2_1.4MHz



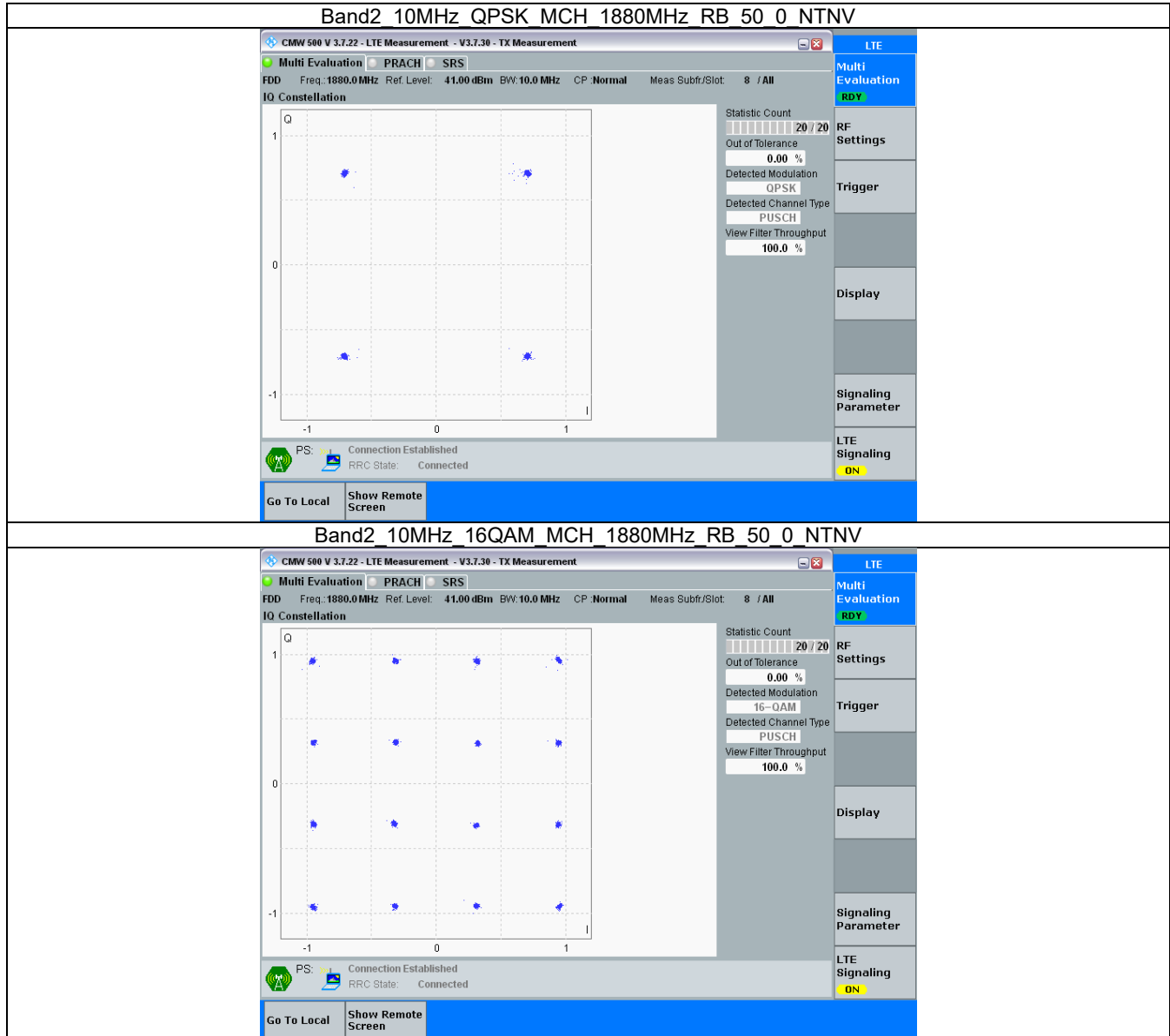
3.2.2 B2_3MHz



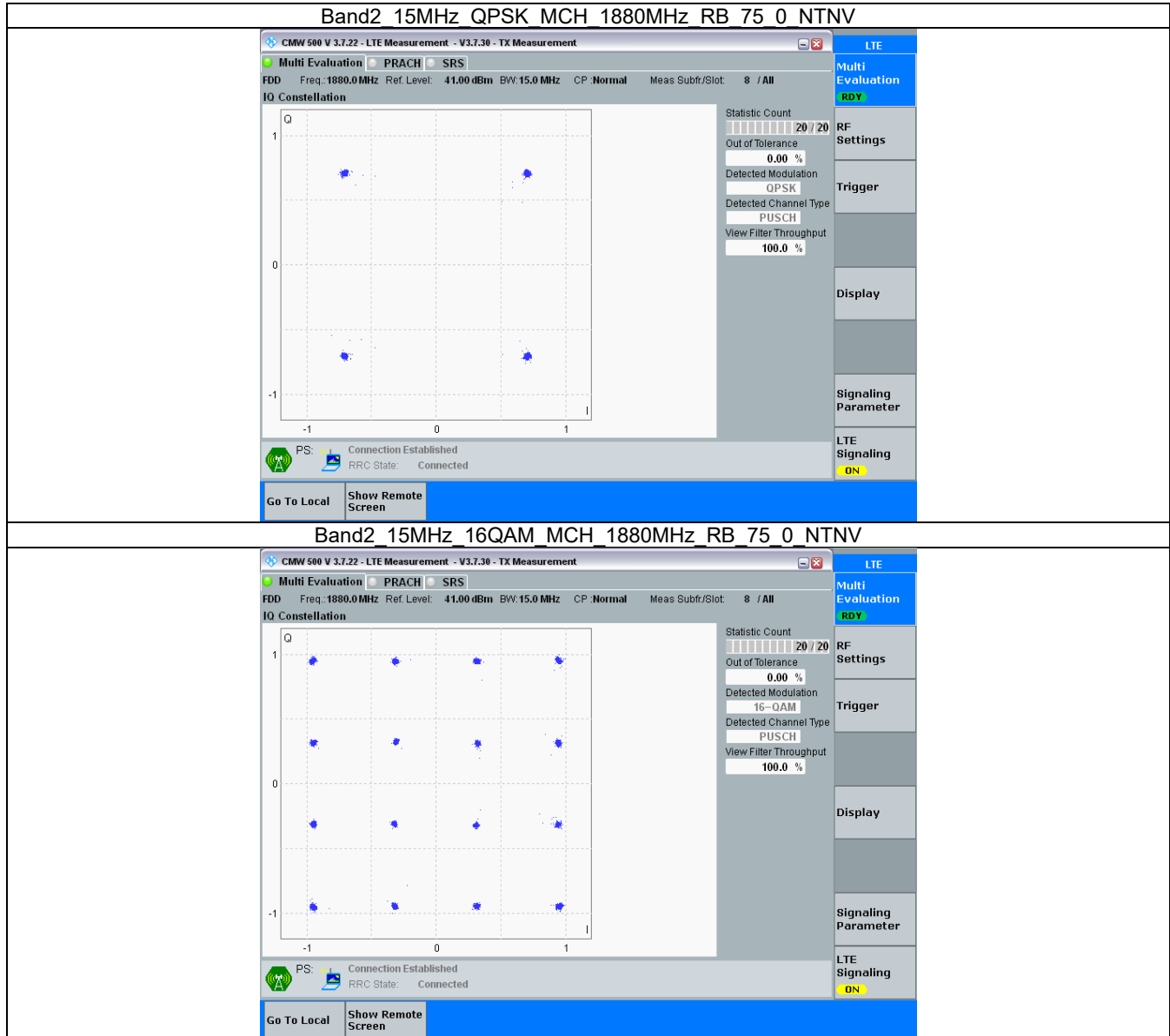
3.2.3 B2_5MHz



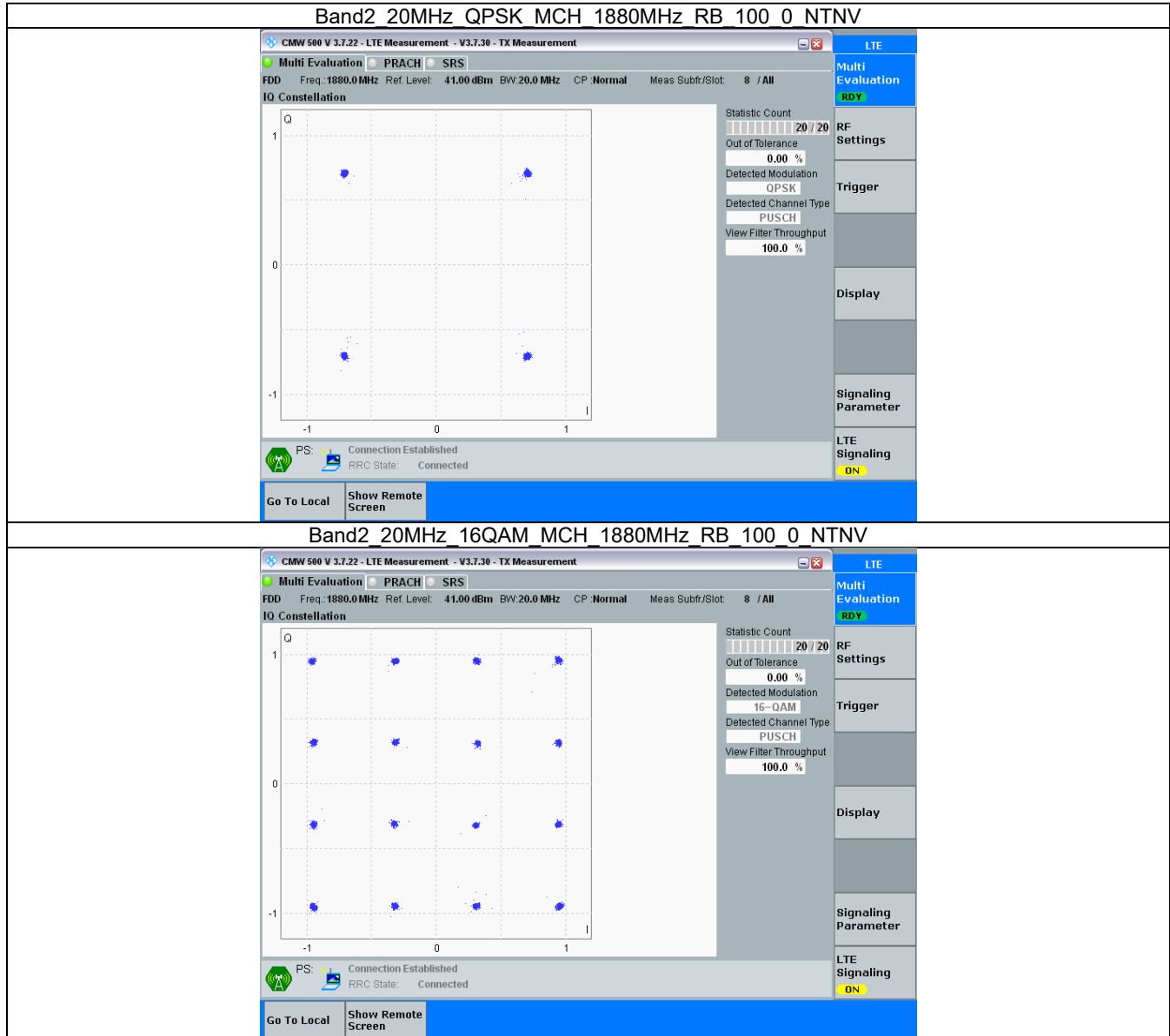
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.110	/	Pass
		1880	6	0	1.122	/	Pass
		1909.3	6	0	1.111	/	Pass
	16QAM	1850.7	6	0	1.116	/	Pass
		1880	6	0	1.114	/	Pass
		1909.3	6	0	1.107	/	Pass
3	QPSK	1851.5	15	0	2.739	/	Pass
		1880	15	0	2.731	/	Pass
		1908.5	15	0	2.731	/	Pass
	16QAM	1851.5	15	0	2.722	/	Pass
		1880	15	0	2.728	/	Pass
		1908.5	15	0	2.735	/	Pass
5	QPSK	1852.5	25	0	4.545	/	Pass
		1880	25	0	4.542	/	Pass
		1907.5	25	0	4.556	/	Pass
	16QAM	1852.5	25	0	4.547	/	Pass
		1880	25	0	4.559	/	Pass
		1907.5	25	0	4.532	/	Pass
10	QPSK	1855	50	0	9.063	/	Pass
		1880	50	0	9.053	/	Pass
		1905	50	0	9.090	/	Pass
	16QAM	1855	50	0	9.061	/	Pass
		1880	50	0	9.055	/	Pass
		1905	50	0	9.045	/	Pass
15	QPSK	1857.5	75	0	13.601	/	Pass
		1880	75	0	13.559	/	Pass
		1902.5	75	0	13.636	/	Pass
	16QAM	1857.5	75	0	13.598	/	Pass
		1880	75	0	13.583	/	Pass
		1902.5	75	0	13.610	/	Pass
20	QPSK	1860	100	0	18.090	/	Pass
		1880	100	0	18.034	/	Pass
		1900	100	0	18.168	/	Pass
	16QAM	1860	100	0	18.080	/	Pass
		1880	100	0	18.037	/	Pass
		1900	100	0	18.215	/	Pass

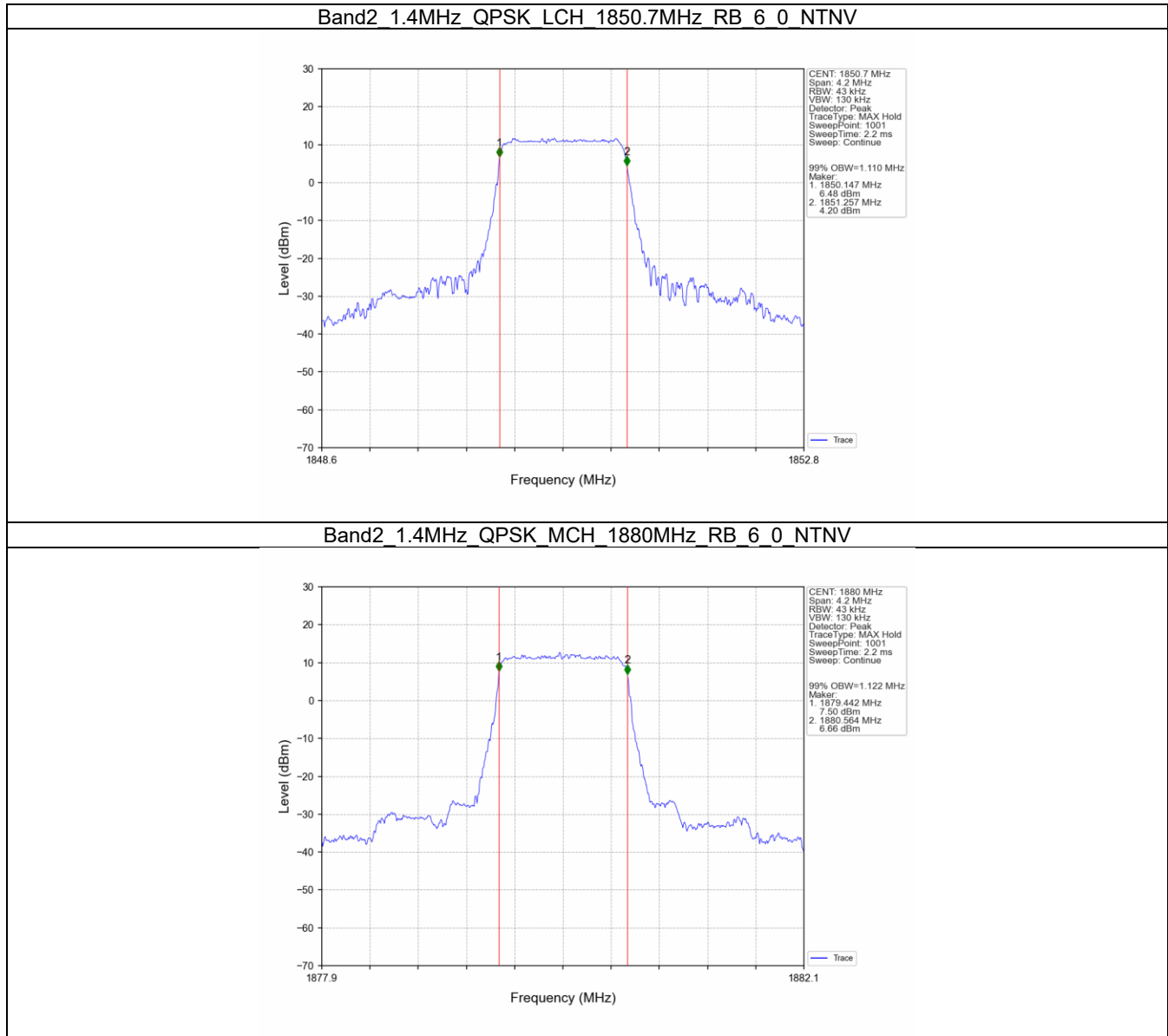
4.1.2 Band2_XDB

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	1.323	/	Pass
		1880	6	0	1.316	/	Pass
		1909.3	6	0	1.345	/	Pass
	16QAM	1850.7	6	0	1.311	/	Pass
		1880	6	0	1.332	/	Pass
		1909.3	6	0	1.304	/	Pass
3	QPSK	1851.5	15	0	3.028	/	Pass

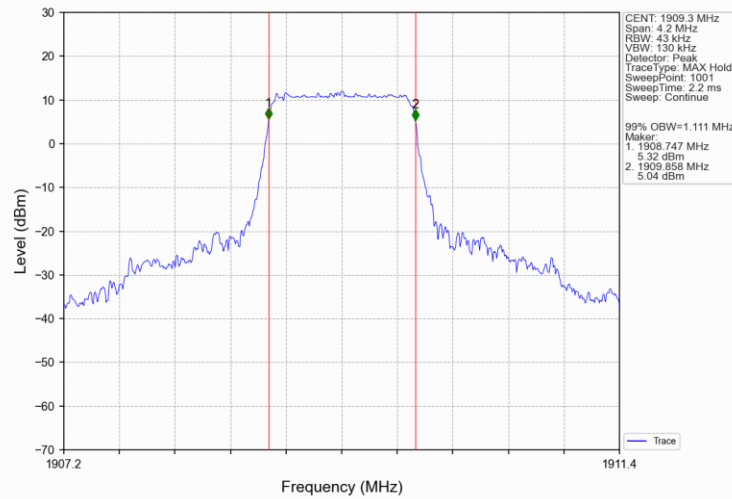
	16QAM	1880	15	0	3.013	/	Pass
		1908.5	15	0	3.012	/	Pass
		1851.5	15	0	3.036	/	Pass
		1880	15	0	3.035	/	Pass
		1908.5	15	0	3.002	/	Pass
5	QPSK	1852.5	25	0	5.046	/	Pass
		1880	25	0	5.079	/	Pass
		1907.5	25	0	5.090	/	Pass
	16QAM	1852.5	25	0	5.062	/	Pass
		1880	25	0	5.095	/	Pass
		1907.5	25	0	5.036	/	Pass
10	QPSK	1855	50	0	10.047	/	Pass
		1880	50	0	9.958	/	Pass
		1905	50	0	9.999	/	Pass
	16QAM	1855	50	0	9.918	/	Pass
		1880	50	0	9.950	/	Pass
		1905	50	0	10.052	/	Pass
15	QPSK	1857.5	75	0	14.923	/	Pass
		1880	75	0	14.960	/	Pass
		1902.5	75	0	15.029	/	Pass
	16QAM	1857.5	75	0	14.946	/	Pass
		1880	75	0	15.007	/	Pass
		1902.5	75	0	14.995	/	Pass
20	QPSK	1860	100	0	19.857	/	Pass
		1880	100	0	19.762	/	Pass
		1900	100	0	19.706	/	Pass
	16QAM	1860	100	0	19.736	/	Pass
		1880	100	0	19.662	/	Pass
		1900	100	0	19.796	/	Pass

4.2 Test Graph

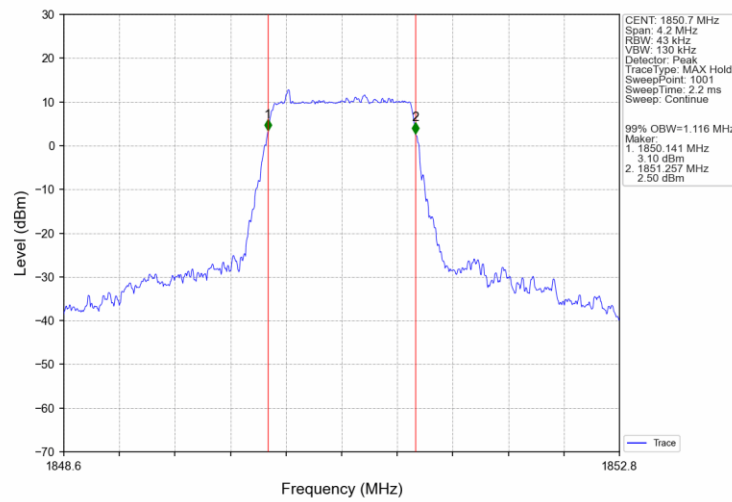
4.2.1 Band2_OBW



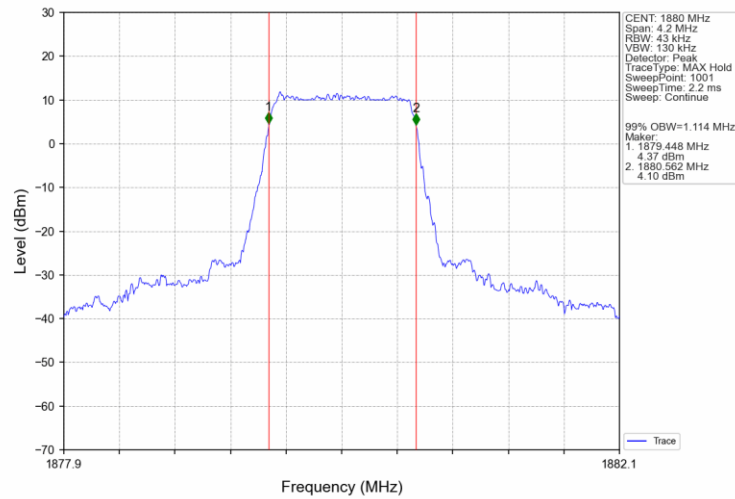
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



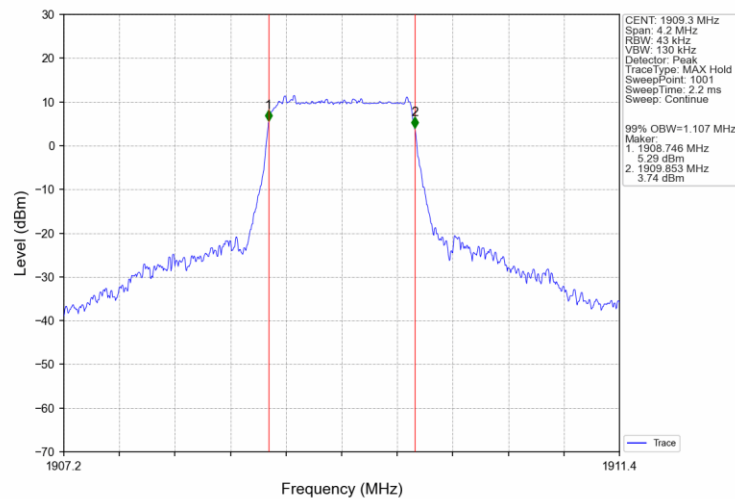
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



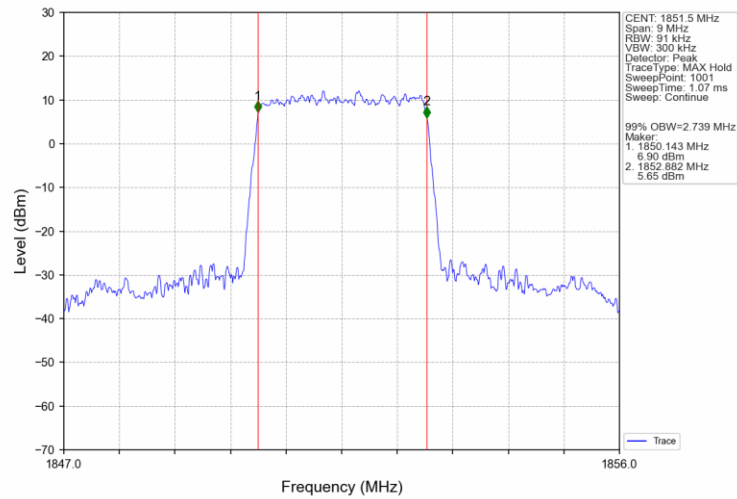
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



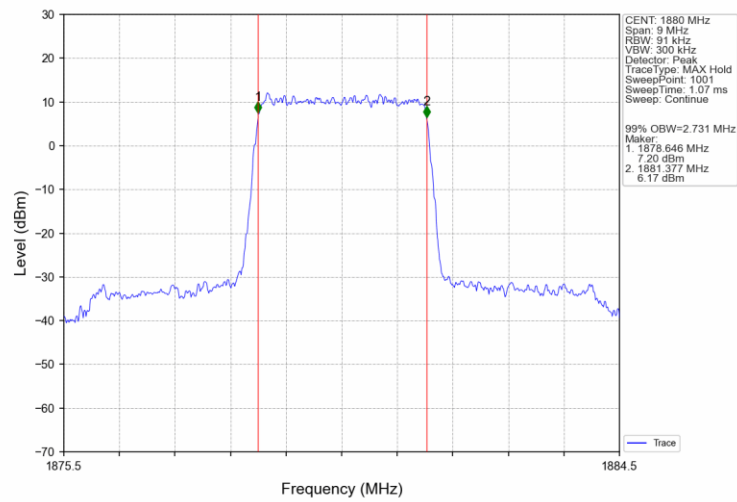
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV



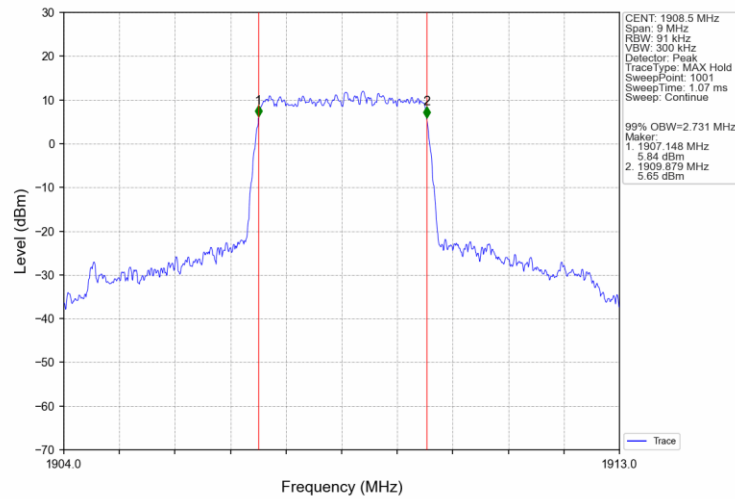
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



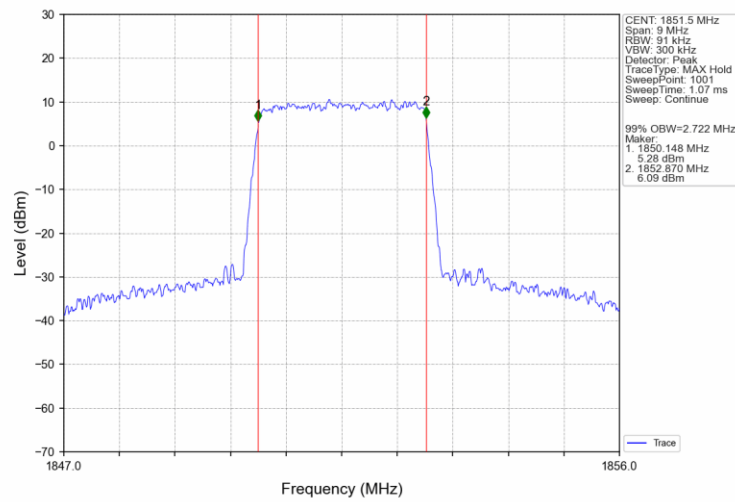
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



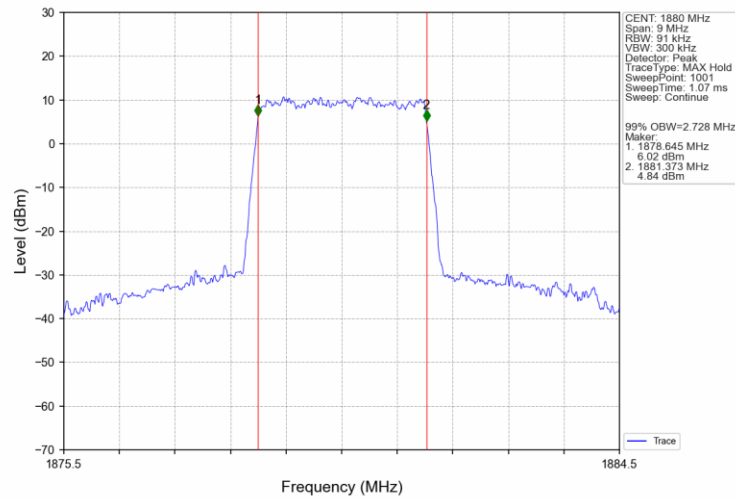
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



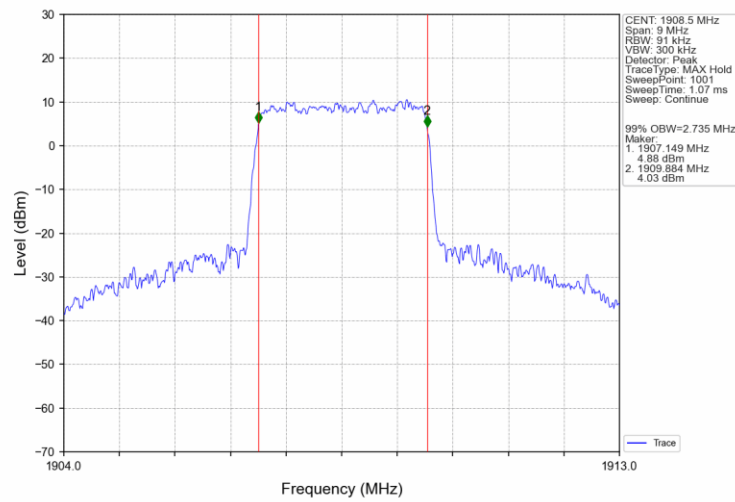
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



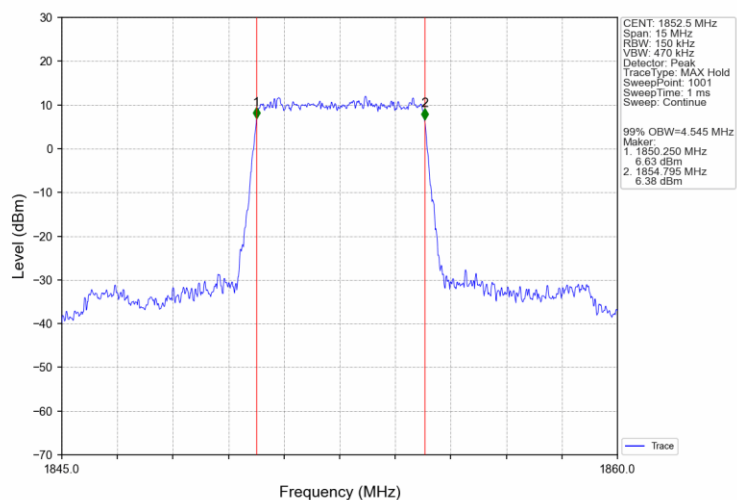
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



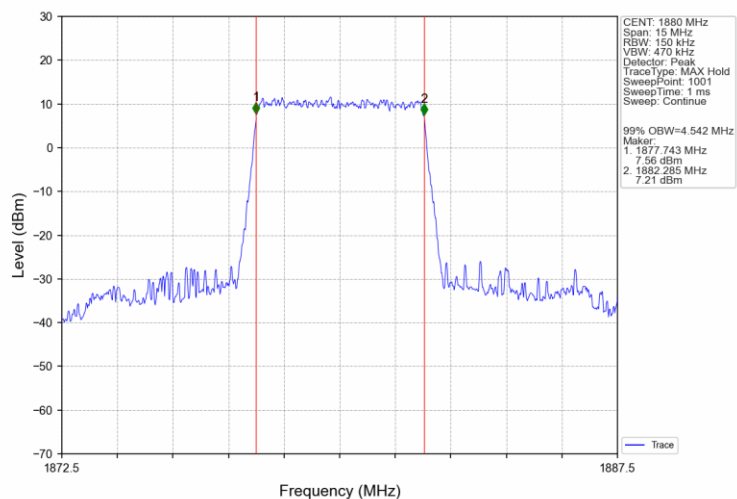
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



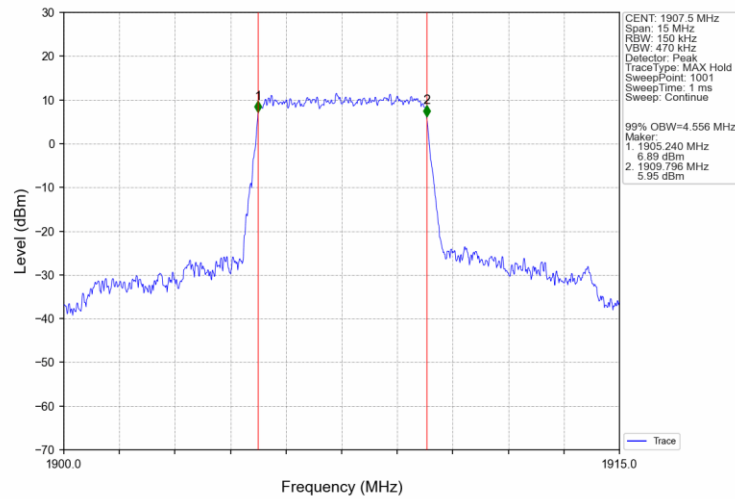
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTV



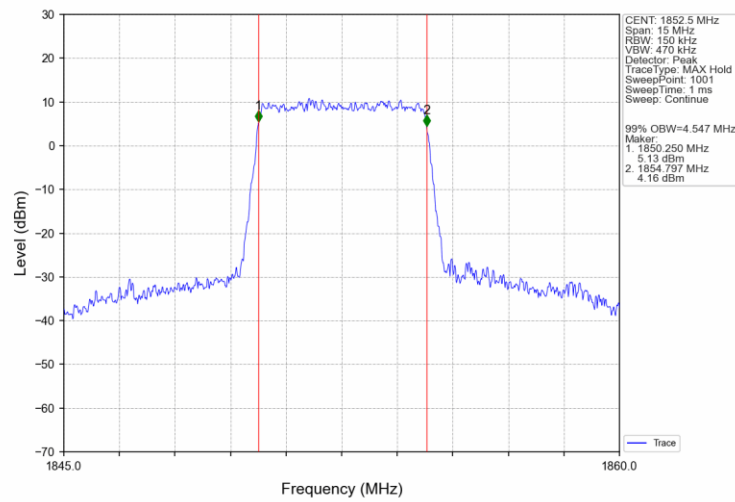
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTV



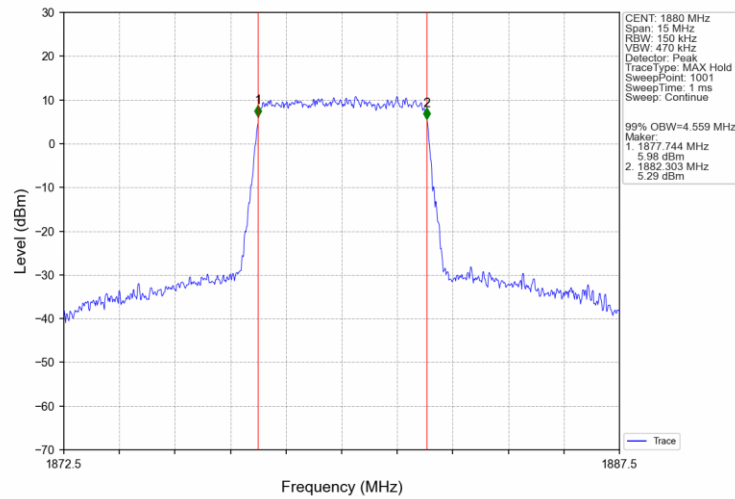
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



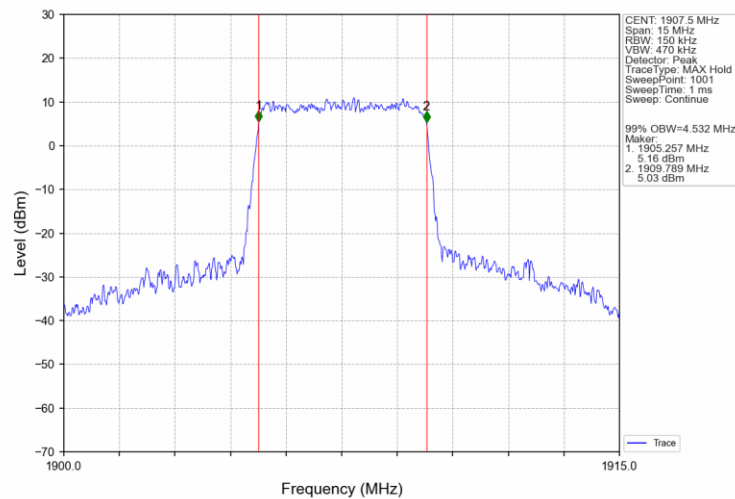
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



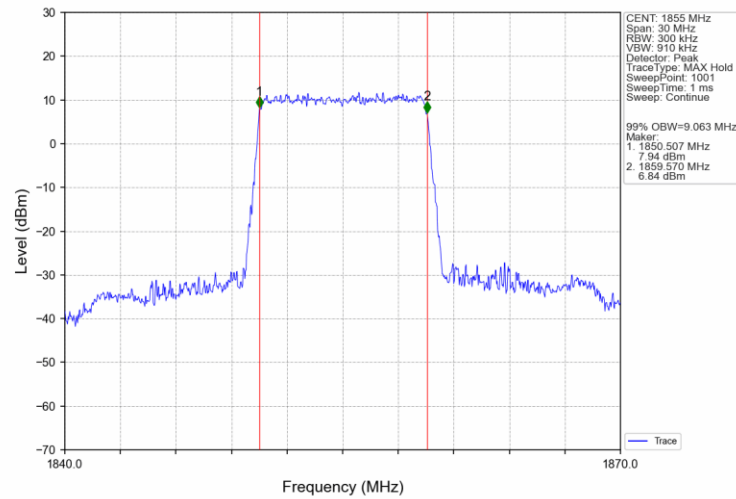
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTV



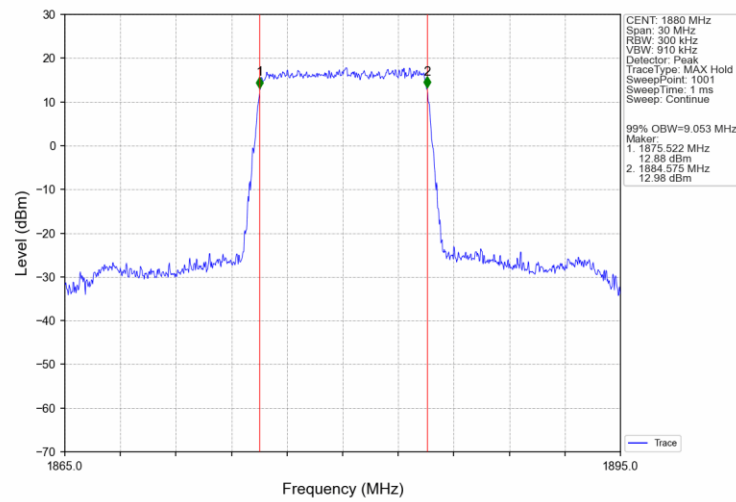
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTV



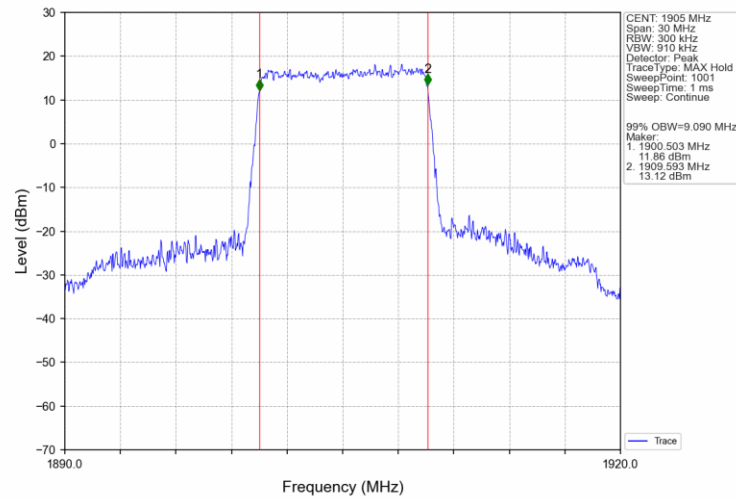
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



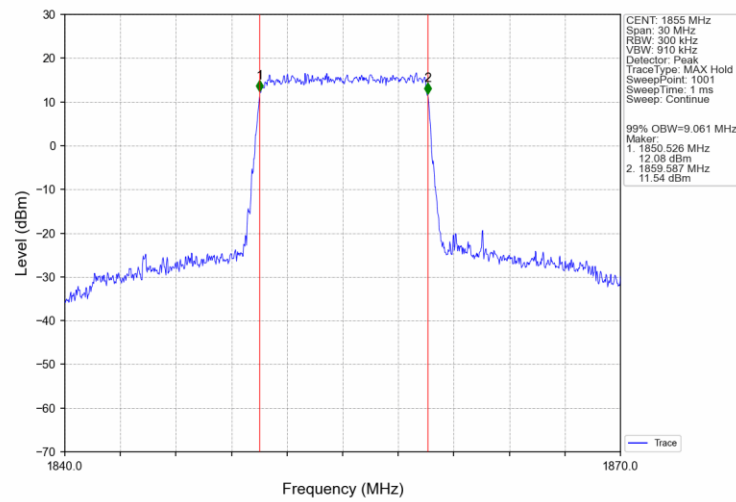
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



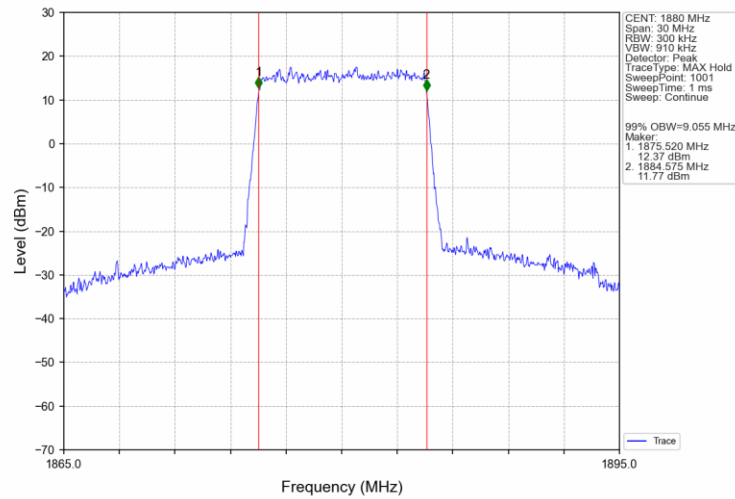
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



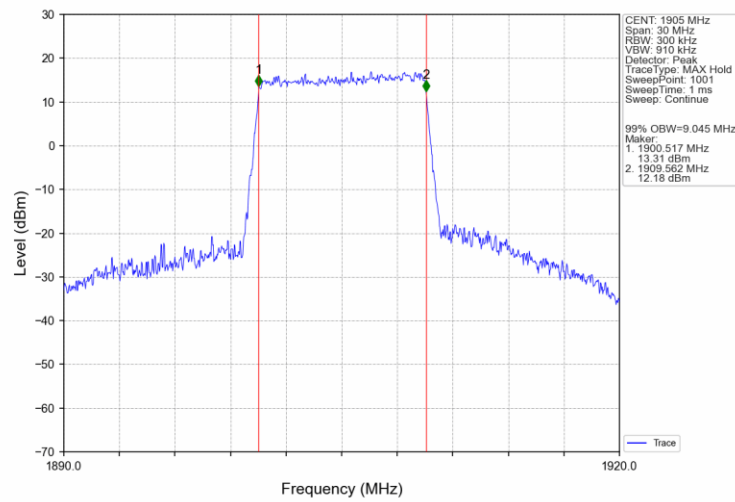
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



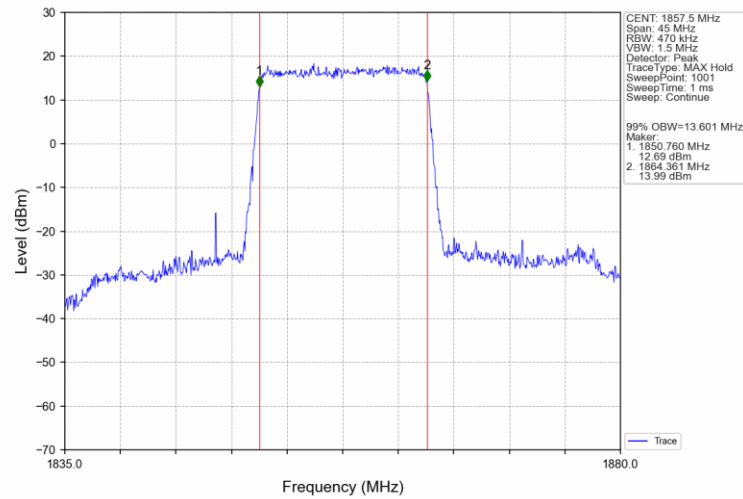
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



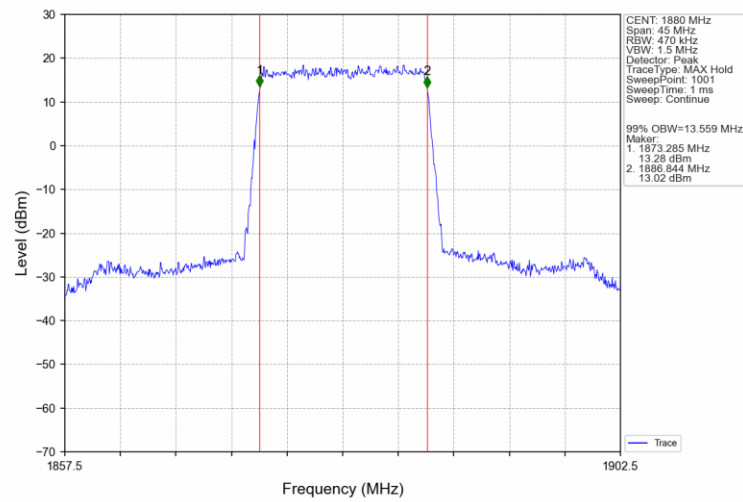
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



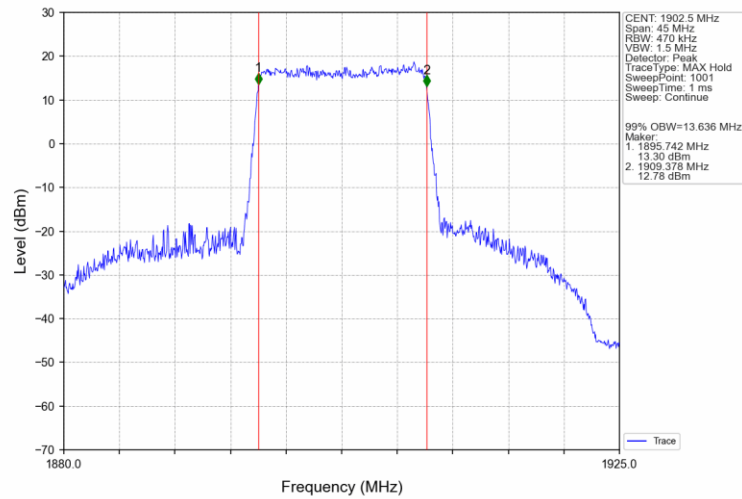
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTV



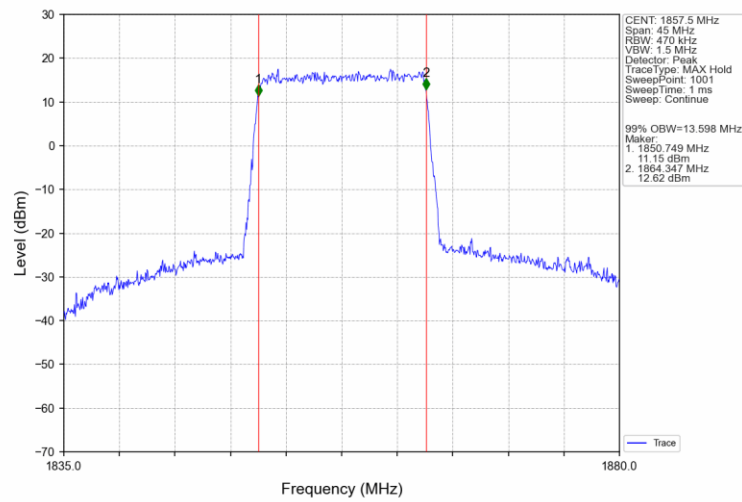
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTV



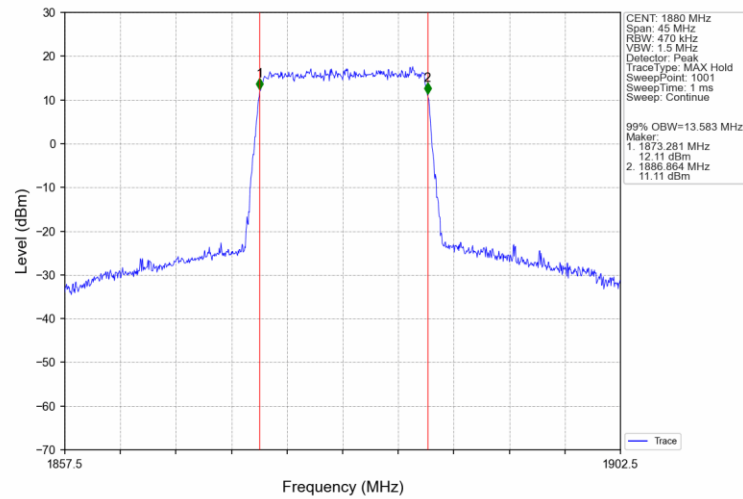
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



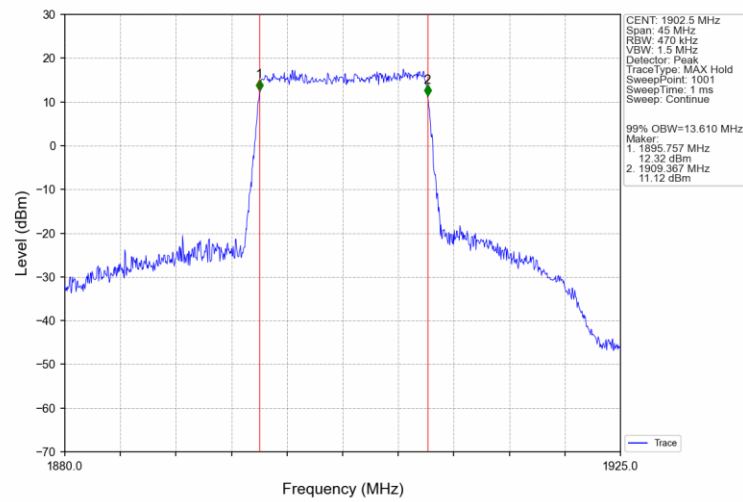
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



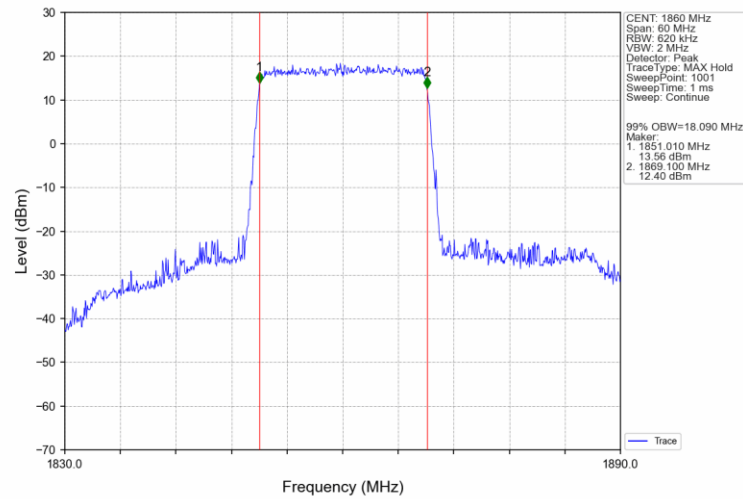
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



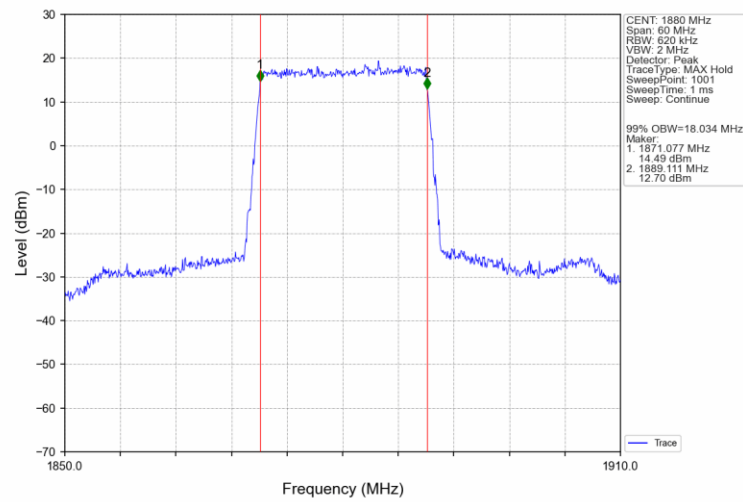
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



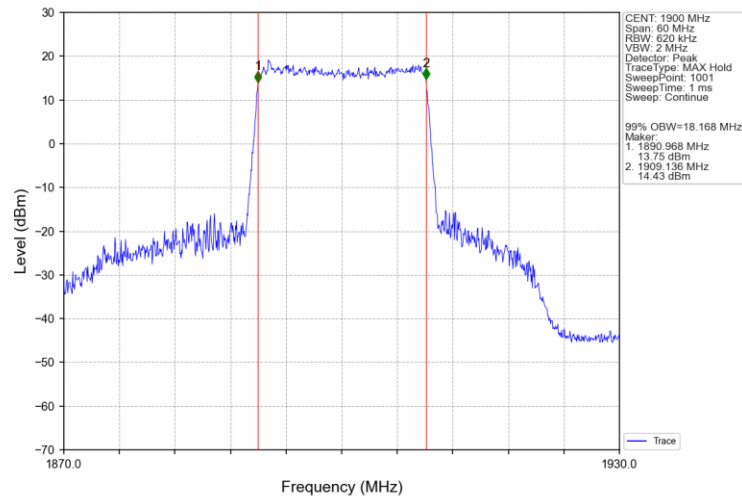
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



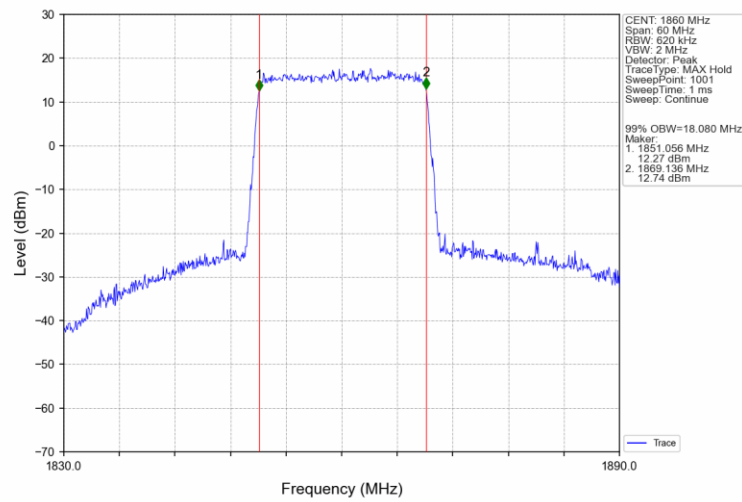
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



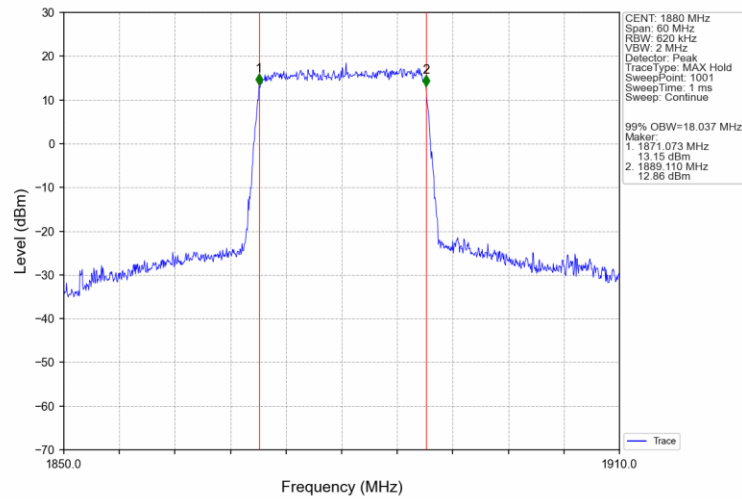
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTV



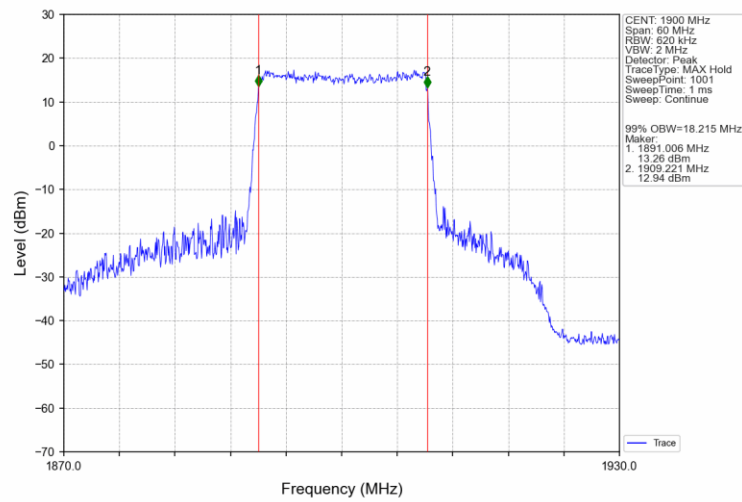
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTV



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

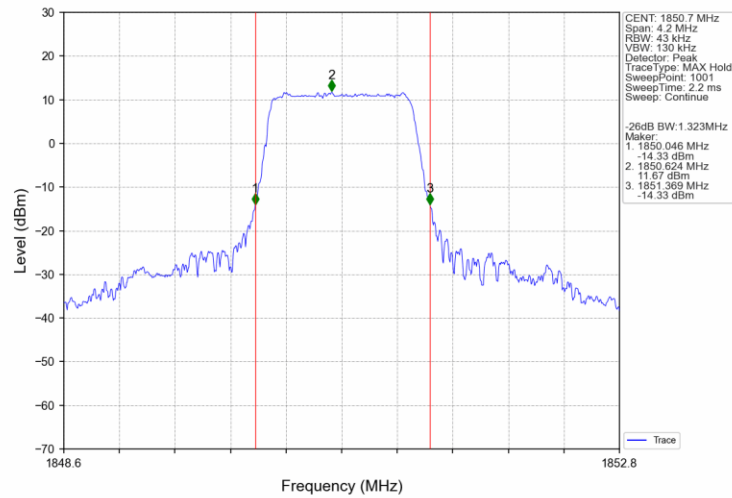


Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV

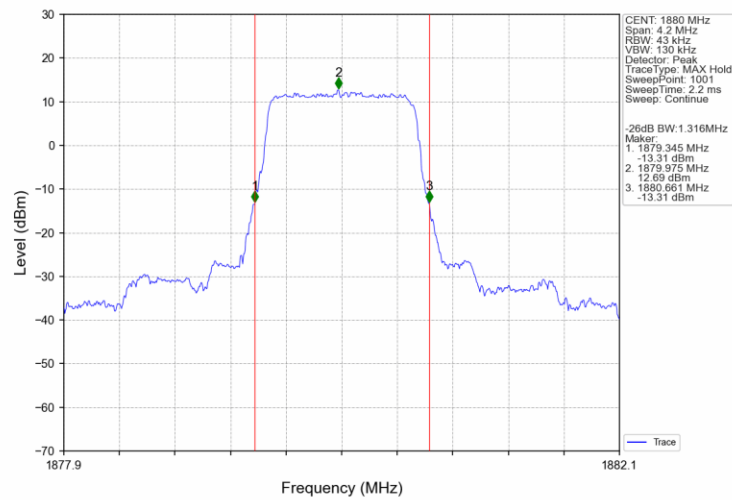


4.2.2 Band2_XDB

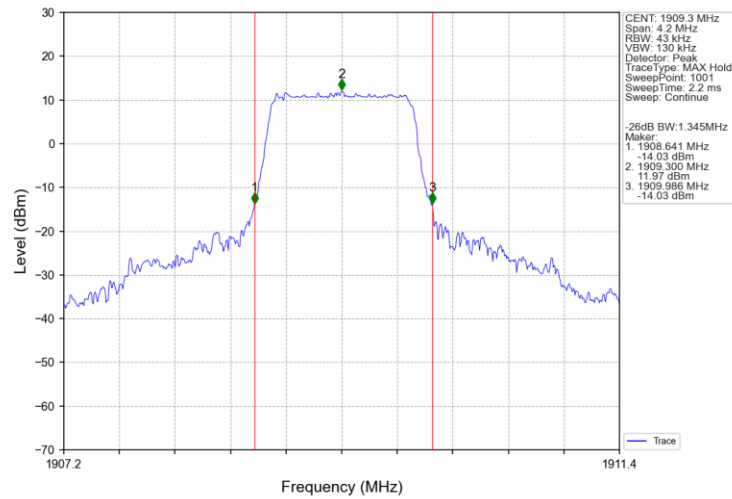
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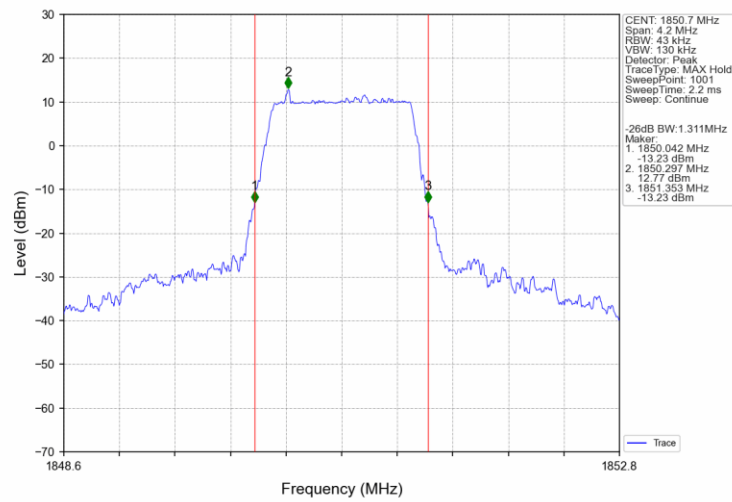
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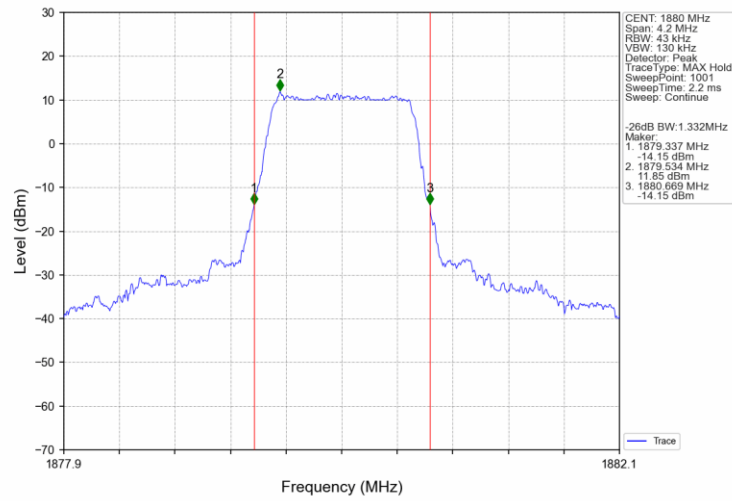
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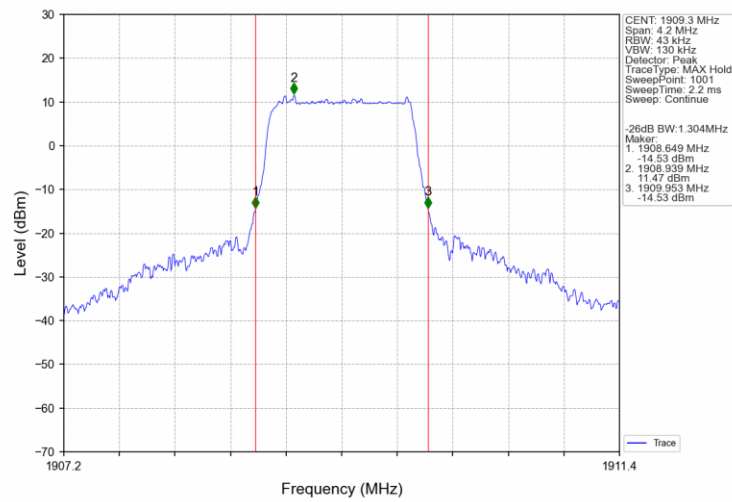
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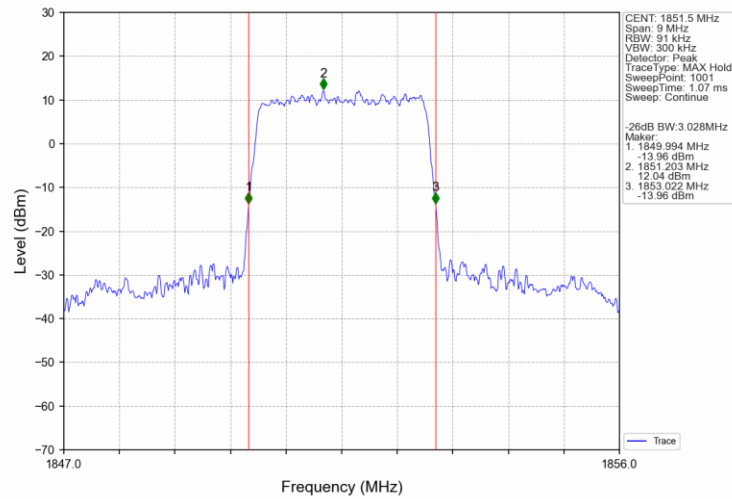
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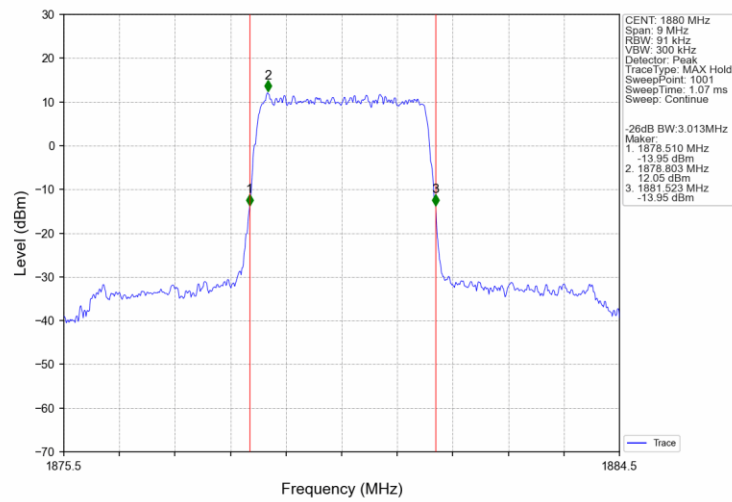
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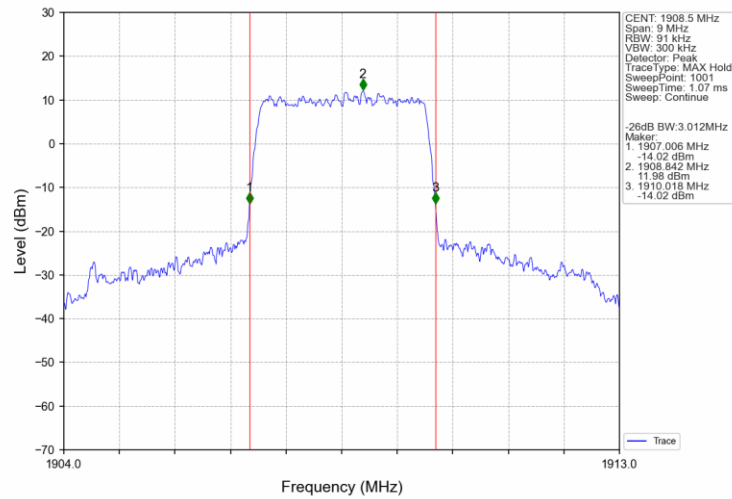
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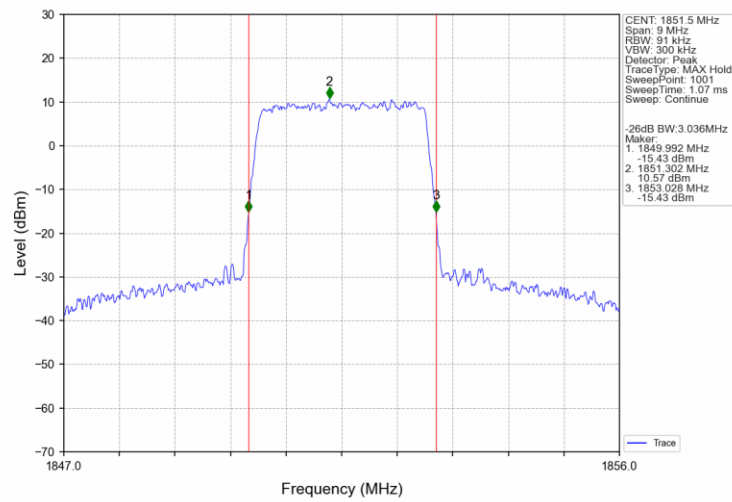
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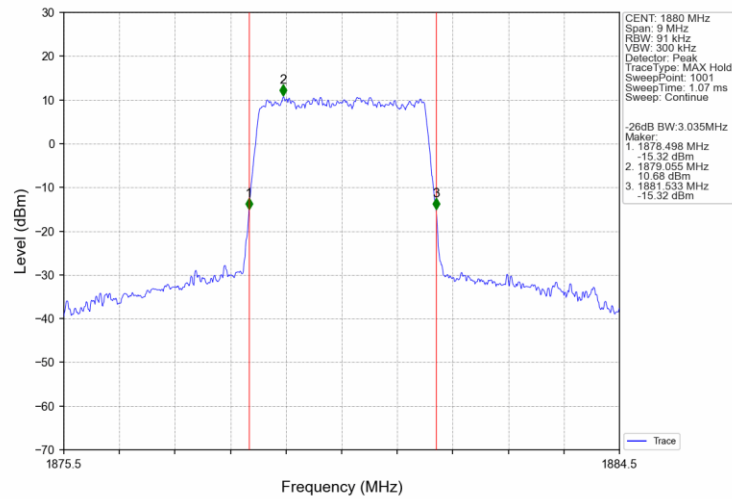
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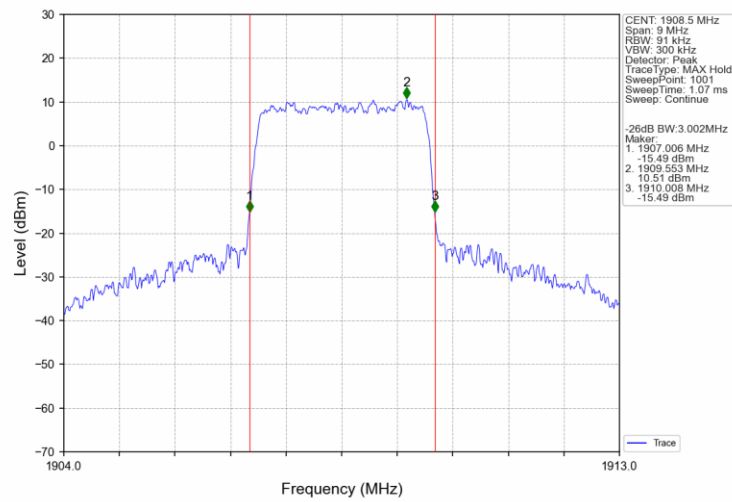
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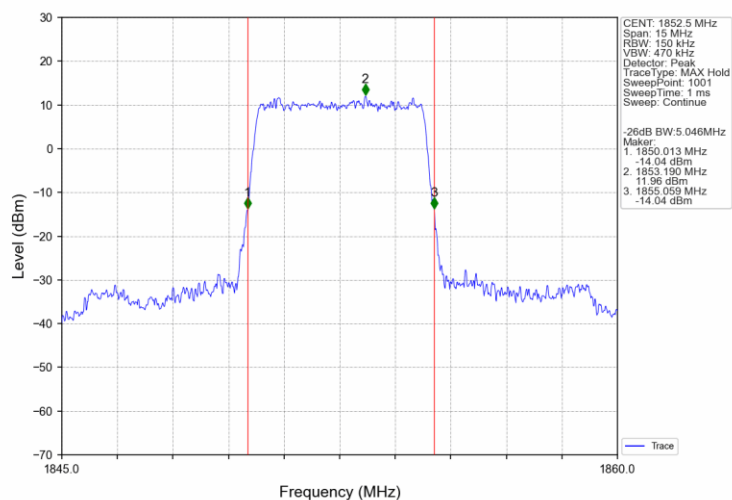
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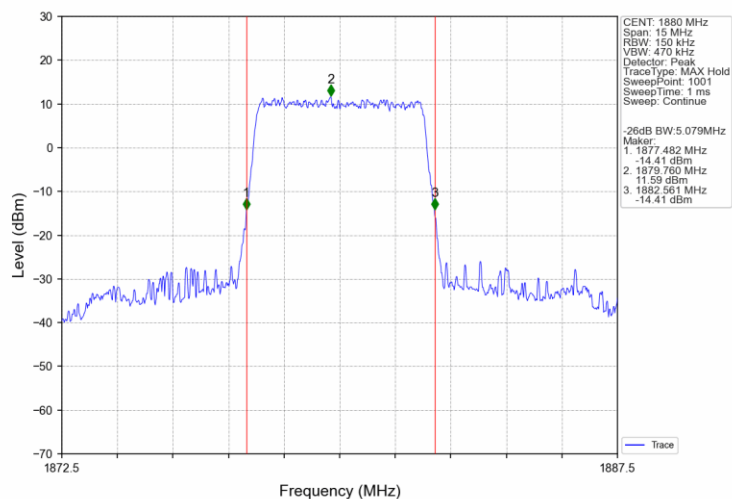
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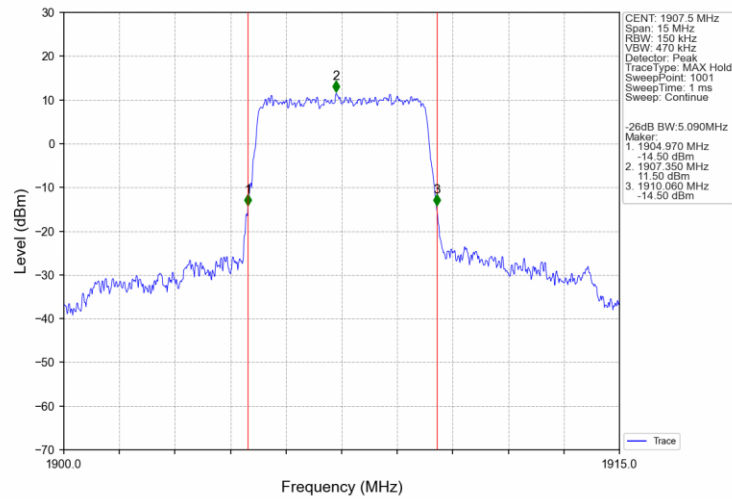
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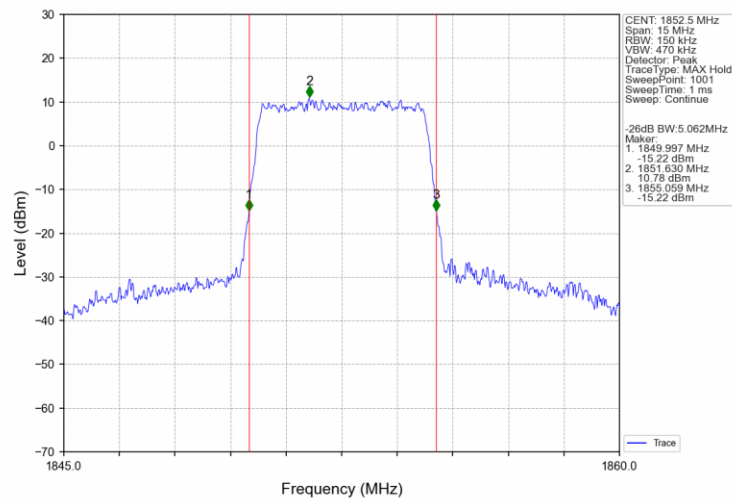
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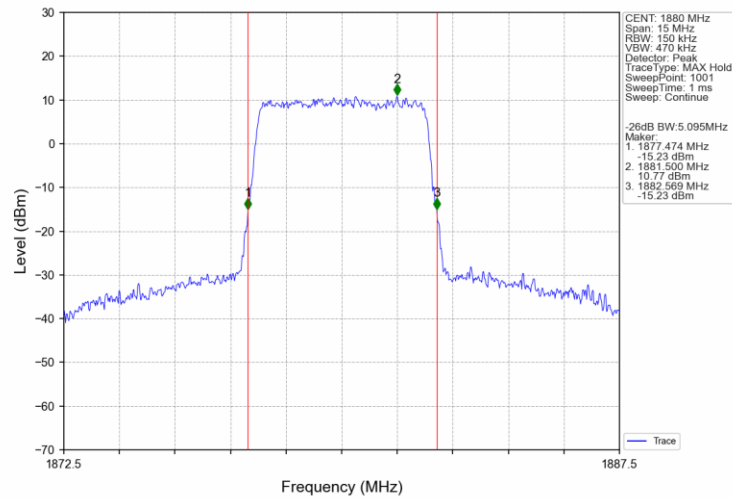
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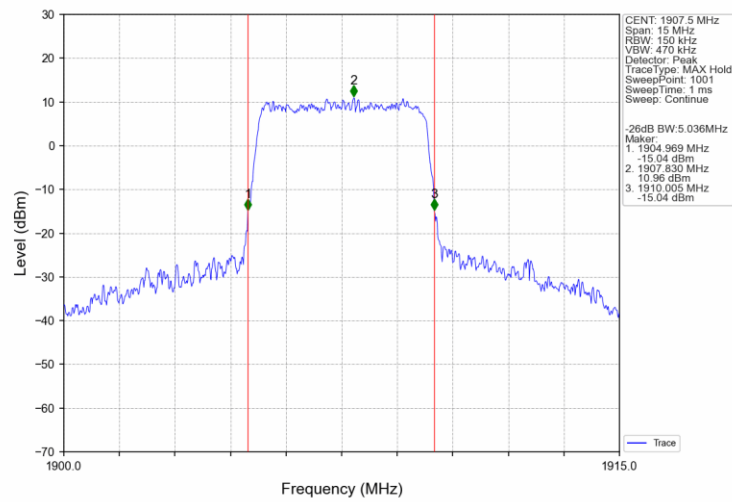
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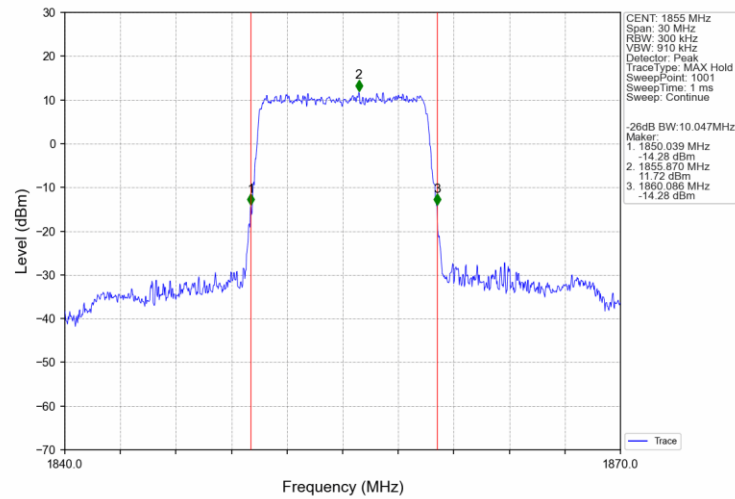
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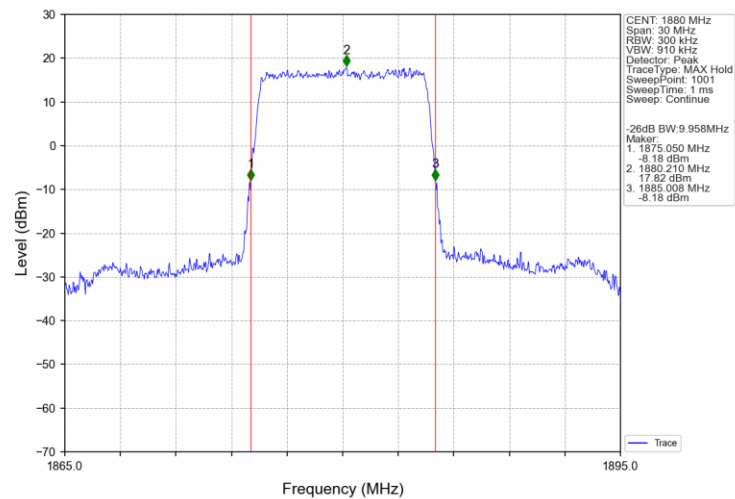
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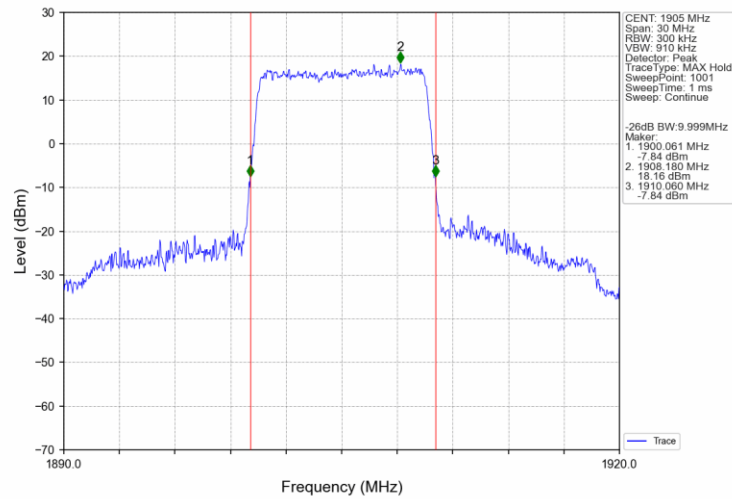
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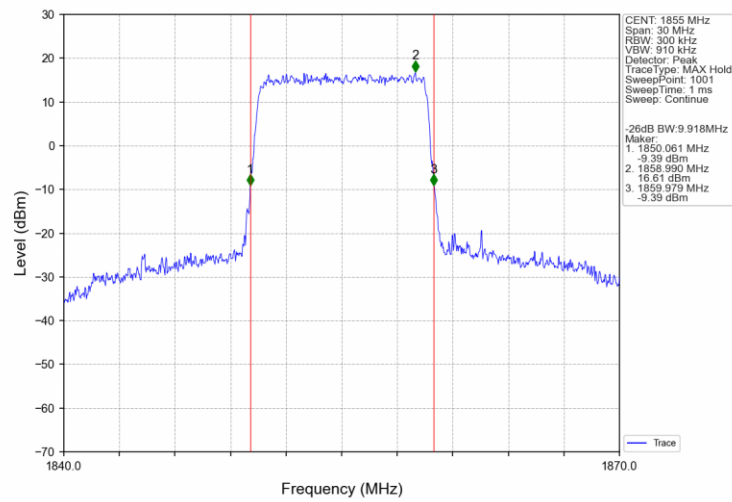
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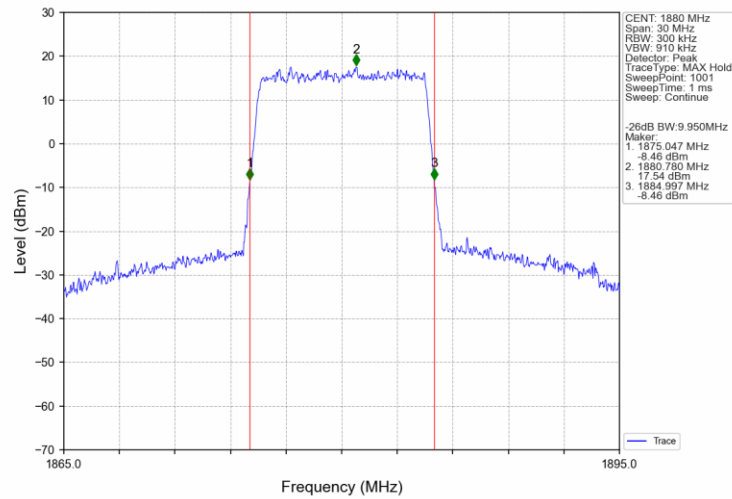
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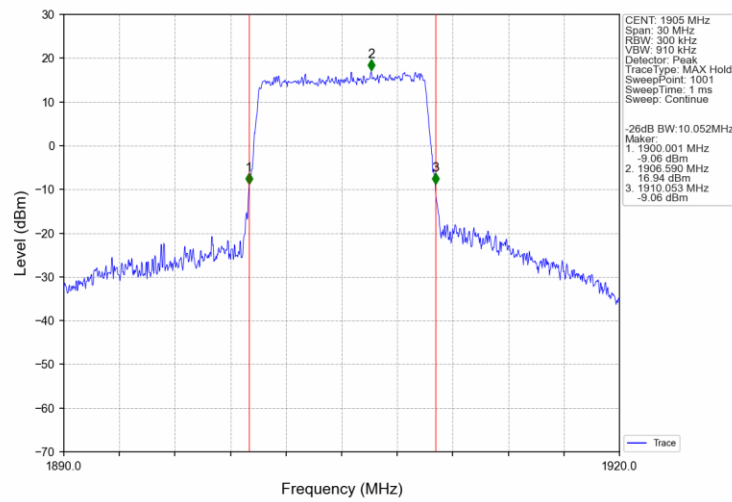
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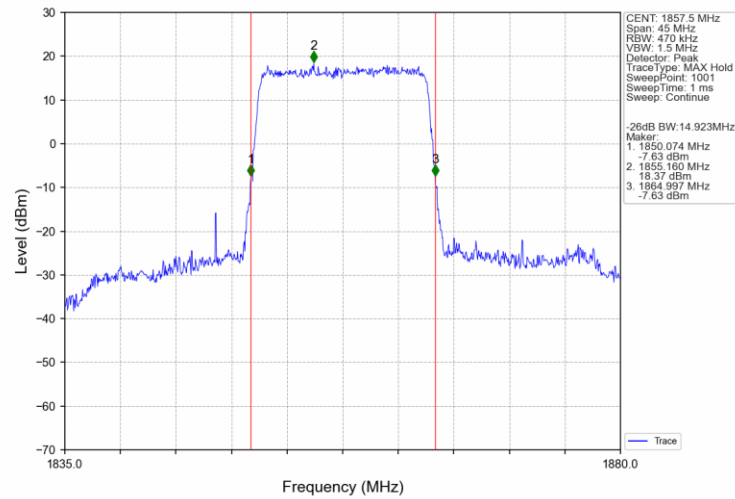
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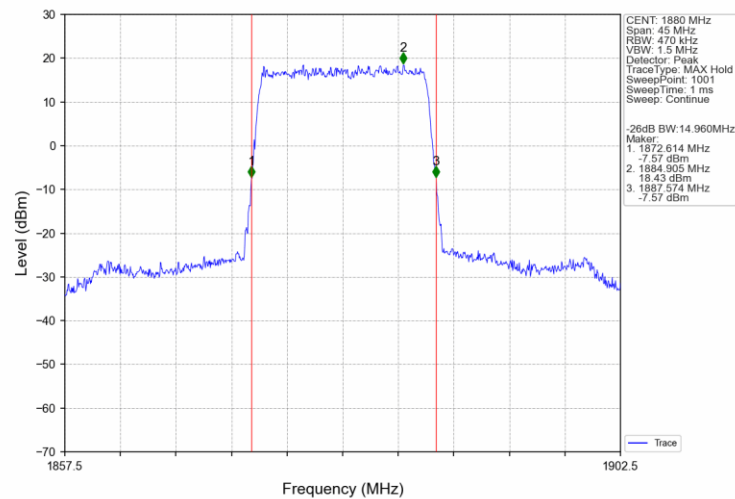
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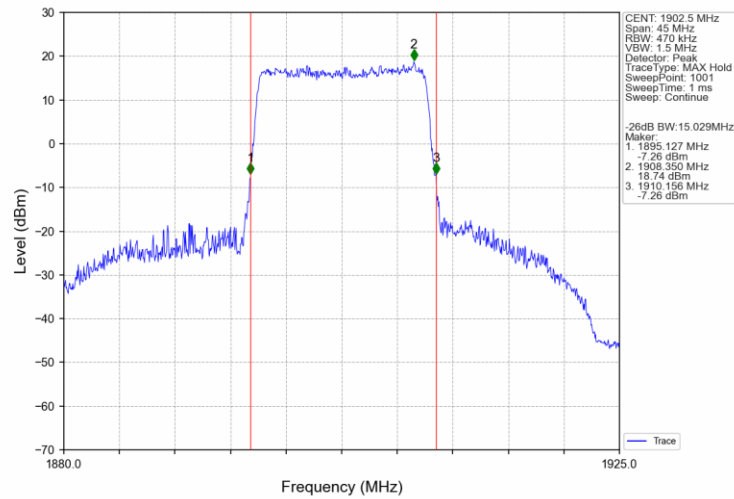
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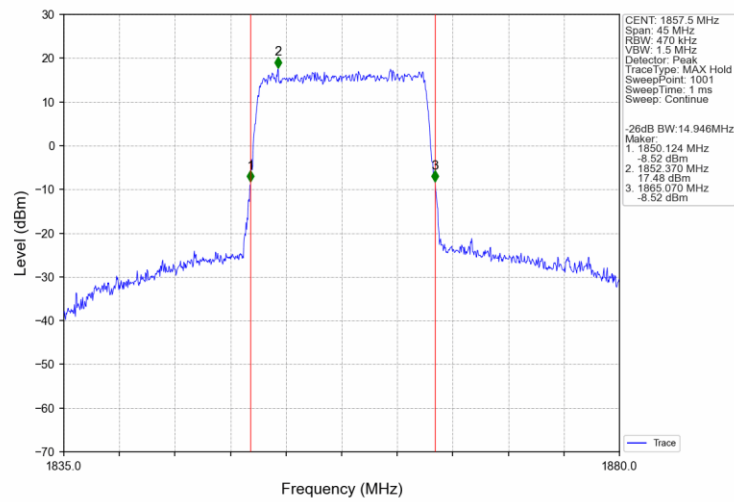
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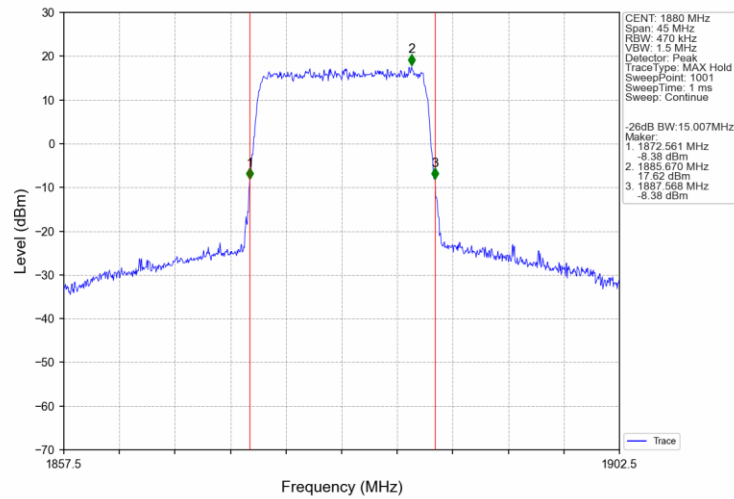
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Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV

