

Appendix Test Data for LTE_band_2

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	25.31	-1.56	23.75	<=33.01	Pass		
			2	25.32	-1.56	23.76	<=33.01	Pass		
			5	25.31	-1.56	23.75	<=33.01	Pass		
		3	0	25.32	-1.56	23.76	<=33.01	Pass		
			2	25.32	-1.56	23.76	<=33.01	Pass		
			3	25.31	-1.56	23.75	<=33.01	Pass		
		6	0	24.35	-1.56	22.79	<=33.01	Pass		
		1880	1	0	25.48	-1.56	23.92	<=33.01	Pass	
				2	25.42	-1.56	23.86	<=33.01	Pass	
	5			25.46	-1.56	23.90	<=33.01	Pass		
	3		0	25.52	-1.56	23.96	<=33.01	Pass		
			2	25.50	-1.56	23.94	<=33.01	Pass		
			3	25.50	-1.56	23.94	<=33.01	Pass		
	6		0	24.55	-1.56	22.99	<=33.01	Pass		
	1909.3		1	0	25.50	-1.56	23.94	<=33.01	Pass	
				2	25.51	-1.56	23.95	<=33.01	Pass	
		5		25.51	-1.56	23.95	<=33.01	Pass		
		3	0	25.54	-1.56	23.98	<=33.01	Pass		
			2	25.59	-1.56	24.03	<=33.01	Pass		
			3	25.58	-1.56	24.02	<=33.01	Pass		
		6	0	24.57	-1.56	23.01	<=33.01	Pass		
		16QAM	1850.7	1	0	24.52	-1.56	22.96	<=33.01	Pass
					2	24.52	-1.56	22.96	<=33.01	Pass
	5				24.51	-1.56	22.95	<=33.01	Pass	
3	0			24.32	-1.56	22.76	<=33.01	Pass		
	2			24.34	-1.56	22.78	<=33.01	Pass		
	3			24.33	-1.56	22.77	<=33.01	Pass		
6	0			23.38	-1.56	21.82	<=33.01	Pass		
1880	1			0	24.53	-1.56	22.97	<=33.01	Pass	
				2	24.48	-1.56	22.92	<=33.01	Pass	
			5	24.52	-1.56	22.96	<=33.01	Pass		
	3		0	24.65	-1.56	23.09	<=33.01	Pass		
			2	24.65	-1.56	23.09	<=33.01	Pass		
			3	24.67	-1.56	23.11	<=33.01	Pass		
	6		0	23.51	-1.56	21.95	<=33.01	Pass		
	1909.3		1	0	24.61	-1.56	23.05	<=33.01	Pass	
				2	24.59	-1.56	23.03	<=33.01	Pass	
5				24.63	-1.56	23.07	<=33.01	Pass		
3			0	24.57	-1.56	23.01	<=33.01	Pass		
			2	24.55	-1.56	22.99	<=33.01	Pass		
			3	24.55	-1.56	22.99	<=33.01	Pass		
6			0	23.46	-1.56	21.90	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	25.37	-1.56	23.81	<=33.01	Pass
			7	25.38	-1.56	23.82	<=33.01	Pass
			14	25.39	-1.56	23.83	<=33.01	Pass
		8	0	24.39	-1.56	22.83	<=33.01	Pass
			4	24.36	-1.56	22.80	<=33.01	Pass
			7	24.37	-1.56	22.81	<=33.01	Pass
		15	0	24.37	-1.56	22.81	<=33.01	Pass
	1880	1	0	25.49	-1.56	23.93	<=33.01	Pass
			7	25.25	-1.56	23.69	<=33.01	Pass
			14	25.24	-1.56	23.68	<=33.01	Pass
		8	0	24.49	-1.56	22.93	<=33.01	Pass
			4	24.50	-1.56	22.94	<=33.01	Pass
			7	24.50	-1.56	22.94	<=33.01	Pass
		15	0	24.50	-1.56	22.94	<=33.01	Pass
	1908.5	1	0	25.02	-1.56	23.46	<=33.01	Pass
			7	25.04	-1.56	23.48	<=33.01	Pass
			14	25.04	-1.56	23.48	<=33.01	Pass
		8	0	24.48	-1.56	22.92	<=33.01	Pass
			4	24.52	-1.56	22.96	<=33.01	Pass
			7	24.47	-1.56	22.91	<=33.01	Pass
		15	0	24.51	-1.56	22.95	<=33.01	Pass
16QAM	1851.5	1	0	24.41	-1.56	22.85	<=33.01	Pass
			7	24.46	-1.56	22.90	<=33.01	Pass
			14	24.39	-1.56	22.83	<=33.01	Pass
		8	0	23.44	-1.56	21.88	<=33.01	Pass
			4	23.42	-1.56	21.86	<=33.01	Pass
			7	23.41	-1.56	21.85	<=33.01	Pass
		15	0	23.40	-1.56	21.84	<=33.01	Pass
	1880	1	0	24.21	-1.56	22.65	<=33.01	Pass
			7	24.20	-1.56	22.64	<=33.01	Pass
			14	24.15	-1.56	22.59	<=33.01	Pass
		8	0	23.50	-1.56	21.94	<=33.01	Pass
			4	23.48	-1.56	21.92	<=33.01	Pass
			7	23.45	-1.56	21.89	<=33.01	Pass
		15	0	23.45	-1.56	21.89	<=33.01	Pass
	1908.5	1	0	24.54	-1.56	22.98	<=33.01	Pass
			7	24.50	-1.56	22.94	<=33.01	Pass
			14	24.53	-1.56	22.97	<=33.01	Pass
		8	0	23.70	-1.56	22.14	<=33.01	Pass
			4	23.71	-1.56	22.15	<=33.01	Pass
			7	23.71	-1.56	22.15	<=33.01	Pass
		15	0	23.63	-1.56	22.07	<=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	25.44	-1.56	23.88	<=33.01	Pass
			13	25.46	-1.56	23.90	<=33.01	Pass
			24	25.43	-1.56	23.87	<=33.01	Pass
		12	0	24.36	-1.56	22.80	<=33.01	Pass
			6	24.39	-1.56	22.83	<=33.01	Pass
			13	24.36	-1.56	22.80	<=33.01	Pass
		25	0	24.39	-1.56	22.83	<=33.01	Pass
	1880	1	0	25.14	-1.56	23.58	<=33.01	Pass
			13	25.08	-1.56	23.52	<=33.01	Pass
			24	25.10	-1.56	23.54	<=33.01	Pass
		12	0	24.57	-1.56	23.01	<=33.01	Pass
			6	24.56	-1.56	23.00	<=33.01	Pass
			13	24.56	-1.56	23.00	<=33.01	Pass
		25	0	24.60	-1.56	23.04	<=33.01	Pass
	1907.5	1	0	25.19	-1.56	23.63	<=33.01	Pass
			13	25.23	-1.56	23.67	<=33.01	Pass
			24	25.29	-1.56	23.73	<=33.01	Pass
		12	0	24.55	-1.56	22.99	<=33.01	Pass
			6	24.54	-1.56	22.98	<=33.01	Pass
			13	24.47	-1.56	22.91	<=33.01	Pass
		25	0	24.49	-1.56	22.93	<=33.01	Pass
16QAM	1852.5	1	0	24.01	-1.56	22.45	<=33.01	Pass
			13	24.01	-1.56	22.45	<=33.01	Pass
			24	24.03	-1.56	22.47	<=33.01	Pass
		12	0	23.34	-1.56	21.78	<=33.01	Pass
			6	23.34	-1.56	21.78	<=33.01	Pass
			13	23.33	-1.56	21.77	<=33.01	Pass
		25	0	23.38	-1.56	21.82	<=33.01	Pass
	1880	1	0	24.36	-1.56	22.80	<=33.01	Pass
			13	24.32	-1.56	22.76	<=33.01	Pass
			24	24.33	-1.56	22.77	<=33.01	Pass
		12	0	23.59	-1.56	22.03	<=33.01	Pass
			6	23.55	-1.56	21.99	<=33.01	Pass
			13	23.52	-1.56	21.96	<=33.01	Pass
		25	0	23.56	-1.56	22.00	<=33.01	Pass
	1907.5	1	0	23.90	-1.56	22.34	<=33.01	Pass
			13	23.87	-1.56	22.31	<=33.01	Pass
			24	23.96	-1.56	22.40	<=33.01	Pass
		12	0	23.59	-1.56	22.03	<=33.01	Pass
			6	23.55	-1.56	21.99	<=33.01	Pass
			13	23.47	-1.56	21.91	<=33.01	Pass
		25	0	23.56	-1.56	22.00	<=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	25.35	-1.56	23.79	<=33.01	Pass
			25	25.43	-1.56	23.87	<=33.01	Pass
			49	25.25	-1.56	23.69	<=33.01	Pass
		25	0	24.32	-1.56	22.76	<=33.01	Pass
			13	24.41	-1.56	22.85	<=33.01	Pass
			25	24.46	-1.56	22.90	<=33.01	Pass
		50	0	24.42	-1.56	22.86	<=33.01	Pass
			0	25.00	-1.56	23.44	<=33.01	Pass
			25	25.05	-1.56	23.49	<=33.01	Pass
	1880	1	49	25.00	-1.56	23.44	<=33.01	Pass
			0	24.53	-1.56	22.97	<=33.01	Pass
			13	24.52	-1.56	22.96	<=33.01	Pass
		25	25	24.52	-1.56	22.96	<=33.01	Pass
			0	24.57	-1.56	23.01	<=33.01	Pass
			0	24.99	-1.56	23.43	<=33.01	Pass
		1905	25	25.07	-1.56	23.51	<=33.01	Pass
			49	25.06	-1.56	23.50	<=33.01	Pass
			0	24.55	-1.56	22.99	<=33.01	Pass
			13	24.49	-1.56	22.93	<=33.01	Pass
			25	24.47	-1.56	22.91	<=33.01	Pass
			0	24.48	-1.56	22.92	<=33.01	Pass
16QAM	1855	1	0	23.89	-1.56	22.33	<=33.01	Pass
			25	23.94	-1.56	22.38	<=33.01	Pass
			49	23.95	-1.56	22.39	<=33.01	Pass
		25	0	23.43	-1.56	21.87	<=33.01	Pass
			13	23.50	-1.56	21.94	<=33.01	Pass
			25	23.53	-1.56	21.97	<=33.01	Pass
		50	0	23.43	-1.56	21.87	<=33.01	Pass
			0	24.19	-1.56	22.63	<=33.01	Pass
			25	24.20	-1.56	22.64	<=33.01	Pass
	1880	1	49	24.15	-1.56	22.59	<=33.01	Pass
			0	23.54	-1.56	21.98	<=33.01	Pass
			13	23.58	-1.56	22.02	<=33.01	Pass
		25	25	23.59	-1.56	22.03	<=33.01	Pass
			0	23.55	-1.56	21.99	<=33.01	Pass
			0	24.52	-1.56	22.96	<=33.01	Pass
		1905	25	24.58	-1.56	23.02	<=33.01	Pass
			49	24.55	-1.56	22.99	<=33.01	Pass
			0	23.60	-1.56	22.04	<=33.01	Pass
			13	23.58	-1.56	22.02	<=33.01	Pass
			25	23.55	-1.56	21.99	<=33.01	Pass
			0	23.49	-1.56	21.93	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	25.22	-1.56	23.66	<=33.01	Pass
			38	25.12	-1.56	23.56	<=33.01	Pass
			74	24.91	-1.56	23.35	<=33.01	Pass
		36	0	24.30	-1.56	22.74	<=33.01	Pass
			18	24.37	-1.56	22.81	<=33.01	Pass
			39	24.40	-1.56	22.84	<=33.01	Pass
		75	0	24.40	-1.56	22.84	<=33.01	Pass
			0	24.97	-1.56	23.41	<=33.01	Pass
			38	25.00	-1.56	23.44	<=33.01	Pass
	1880	1	74	24.94	-1.56	23.38	<=33.01	Pass
			0	24.52	-1.56	22.96	<=33.01	Pass
			18	24.51	-1.56	22.95	<=33.01	Pass
		36	39	24.48	-1.56	22.92	<=33.01	Pass
			0	24.51	-1.56	22.95	<=33.01	Pass
			0	24.92	-1.56	23.36	<=33.01	Pass
		75	38	24.99	-1.56	23.43	<=33.01	Pass
			74	25.04	-1.56	23.48	<=33.01	Pass
			0	24.46	-1.56	22.90	<=33.01	Pass
	1902.5	36	18	24.55	-1.56	22.99	<=33.01	Pass
			39	24.46	-1.56	22.90	<=33.01	Pass
		75	0	24.46	-1.56	22.90	<=33.01	Pass
16QAM	1857.5	1	0	24.17	-1.56	22.61	<=33.01	Pass
			38	24.28	-1.56	22.72	<=33.01	Pass
			74	24.34	-1.56	22.78	<=33.01	Pass
		36	0	23.32	-1.56	21.76	<=33.01	Pass
			18	23.37	-1.56	21.81	<=33.01	Pass
			39	23.40	-1.56	21.84	<=33.01	Pass
		75	0	23.37	-1.56	21.81	<=33.01	Pass
			0	24.15	-1.56	22.59	<=33.01	Pass
			38	24.20	-1.56	22.64	<=33.01	Pass
	1880	1	74	24.13	-1.56	22.57	<=33.01	Pass
			0	23.49	-1.56	21.93	<=33.01	Pass
			18	23.49	-1.56	21.93	<=33.01	Pass
		36	39	23.51	-1.56	21.95	<=33.01	Pass
			0	23.52	-1.56	21.96	<=33.01	Pass
		75	0	24.50	-1.56	22.94	<=33.01	Pass
			38	24.56	-1.56	23.00	<=33.01	Pass
			74	24.57	-1.56	23.01	<=33.01	Pass
	1902.5	1	0	23.50	-1.56	21.94	<=33.01	Pass
			18	23.54	-1.56	21.98	<=33.01	Pass
			39	23.52	-1.56	21.96	<=33.01	Pass
		36	0	23.49	-1.56	21.93	<=33.01	Pass
			0					
			0					
		75	0					
			0					
			0					

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	25.26	-1.56	23.70	<=33.01	Pass
			50	25.14	-1.56	23.58	<=33.01	Pass
			99	25.07	-1.56	23.51	<=33.01	Pass
		50	0	24.31	-1.56	22.75	<=33.01	Pass
			25	24.44	-1.56	22.88	<=33.01	Pass
			50	24.45	-1.56	22.89	<=33.01	Pass
		100	0	24.38	-1.56	22.82	<=33.01	Pass
			0	24.98	-1.56	23.42	<=33.01	Pass
			50	25.06	-1.56	23.50	<=33.01	Pass
	1880	1	99	24.98	-1.56	23.42	<=33.01	Pass
			0	24.50	-1.56	22.94	<=33.01	Pass
			25	24.53	-1.56	22.97	<=33.01	Pass
		50	50	24.59	-1.56	23.03	<=33.01	Pass
			0	24.52	-1.56	22.96	<=33.01	Pass
			0	24.89	-1.56	23.33	<=33.01	Pass
		100	50	25.05	-1.56	23.49	<=33.01	Pass
			99	25.01	-1.56	23.45	<=33.01	Pass
			0	24.55	-1.56	22.99	<=33.01	Pass
	1900	50	25	24.57	-1.56	23.01	<=33.01	Pass
			50	24.49	-1.56	22.93	<=33.01	Pass
			0	24.57	-1.56	23.01	<=33.01	Pass
16QAM	1860	1	0	24.31	-1.56	22.75	<=33.01	Pass
			50	24.47	-1.56	22.91	<=33.01	Pass
			99	24.52	-1.56	22.96	<=33.01	Pass
		50	0	23.29	-1.56	21.73	<=33.01	Pass
			25	23.38	-1.56	21.82	<=33.01	Pass
			50	23.44	-1.56	21.88	<=33.01	Pass
		100	0	23.39	-1.56	21.83	<=33.01	Pass
			0	24.17	-1.56	22.61	<=33.01	Pass
			50	24.27	-1.56	22.71	<=33.01	Pass
	1880	1	99	24.17	-1.56	22.61	<=33.01	Pass
			0	23.49	-1.56	21.93	<=33.01	Pass
			25	23.50	-1.56	21.94	<=33.01	Pass
		50	50	23.52	-1.56	21.96	<=33.01	Pass
			0	23.53	-1.56	21.97	<=33.01	Pass
			0	24.18	-1.56	22.62	<=33.01	Pass
		100	50	24.32	-1.56	22.76	<=33.01	Pass
			99	24.27	-1.56	22.71	<=33.01	Pass
			0	23.53	-1.56	21.97	<=33.01	Pass
	1900	50	25	23.53	-1.56	21.97	<=33.01	Pass
			50	23.49	-1.56	21.93	<=33.01	Pass
			0	23.53	-1.56	21.97	<=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	-2.389	-0.0013	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0042	-2.5 to 2.5	Pass
					4.43	6.337	0.0034	-2.5 to 2.5	Pass
				-30	3.85	6.566	0.0035	-2.5 to 2.5	Pass
				-20	3.85	14.448	0.0078	-2.5 to 2.5	Pass
				-10	3.85	4.263	0.0023	-2.5 to 2.5	Pass
				0	3.85	15.092	0.0082	-2.5 to 2.5	Pass
				10	3.85	16.651	0.0090	-2.5 to 2.5	Pass
				30	3.85	7.167	0.0039	-2.5 to 2.5	Pass
				40	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	11.501	0.0061	-2.5 to 2.5	Pass
					3.85	-9.985	-0.0053	-2.5 to 2.5	Pass
					4.43	-10.471	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	6.666	0.0035	-2.5 to 2.5	Pass
				-20	3.85	-7.153	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				0	3.85	10.157	0.0054	-2.5 to 2.5	Pass
				10	3.85	-6.609	-0.0035	-2.5 to 2.5	Pass
				30	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	2.947	0.0015	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-9.398	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-12.231	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	12.102	0.0063	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				10	3.85	10.929	0.0057	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				40	3.85	9.456	0.0050	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	0.601	0.0003	-2.5 to 2.5	Pass
					3.85	5.865	0.0032	-2.5 to 2.5	Pass
					4.43	0.486	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	11.988	0.0065	-2.5 to 2.5	Pass
				0	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				10	3.85	8.512	0.0046	-2.5 to 2.5	Pass
				30	3.85	10.371	0.0056	-2.5 to 2.5	Pass
				40	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				50	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	14.791	0.0079	-2.5 to 2.5	Pass
					3.85	11.415	0.0061	-2.5 to 2.5	Pass
					4.43	11.015	0.0059	-2.5 to 2.5	Pass
				-30	3.85	11.444	0.0061	-2.5 to 2.5	Pass
				-20	3.85	12.088	0.0064	-2.5 to 2.5	Pass
				-10	3.85	2.475	0.0013	-2.5 to 2.5	Pass

				0	3.85	-9.627	-0.0051	-2.5 to 2.5	Pass
				10	3.85	5.693	0.0030	-2.5 to 2.5	Pass
				30	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				40	3.85	11.988	0.0064	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	7.410	0.0039	-2.5 to 2.5	Pass
					3.85	11.144	0.0058	-2.5 to 2.5	Pass
					4.43	0.529	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-8.569	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	15.135	0.0079	-2.5 to 2.5	Pass
				0	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				10	3.85	3.290	0.0017	-2.5 to 2.5	Pass
				30	3.85	12.860	0.0067	-2.5 to 2.5	Pass
				40	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-11.330	-0.0059	-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	-1.187	-0.0006	-2.5 to 2.5	Pass
					3.85	11.787	0.0064	-2.5 to 2.5	Pass
					4.43	4.435	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	18.425	0.0100	-2.5 to 2.5	Pass
				0	3.85	9.828	0.0053	-2.5 to 2.5	Pass
				10	3.85	15.550	0.0084	-2.5 to 2.5	Pass
				30	3.85	15.278	0.0083	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0027	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-3.462	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0006	-2.5 to 2.5	Pass
					4.43	12.231	0.0065	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-20	3.85	7.753	0.0041	-2.5 to 2.5	Pass
				-10	3.85	4.463	0.0024	-2.5 to 2.5	Pass
				0	3.85	11.702	0.0062	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				30	3.85	15.407	0.0082	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	4.492	0.0024	-2.5 to 2.5	Pass
					3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
					4.43	12.517	0.0066	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	7.796	0.0041	-2.5 to 2.5	Pass
				-10	3.85	15.922	0.0083	-2.5 to 2.5	Pass
				0	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	4.663	0.0024	-2.5 to 2.5	Pass
				40	3.85	4.964	0.0026	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	17.552	0.0095	-2.5 to 2.5	Pass
					3.85	4.034	0.0022	-2.5 to 2.5	Pass
					4.43	5.808	0.0031	-2.5 to 2.5	Pass

				-30	3.85	10.529	0.0057	-2.5 to 2.5	Pass
				-20	3.85	16.708	0.0090	-2.5 to 2.5	Pass
				-10	3.85	19.813	0.0107	-2.5 to 2.5	Pass
				0	3.85	12.689	0.0069	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				40	3.85	6.866	0.0037	-2.5 to 2.5	Pass
				50	3.85	6.652	0.0036	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	6.924	0.0037	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
					4.43	11.373	0.0060	-2.5 to 2.5	Pass
				-30	3.85	4.120	0.0022	-2.5 to 2.5	Pass
				-20	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-12.660	-0.0067	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-9.599	-0.0051	-2.5 to 2.5	Pass
				40	3.85	8.512	0.0045	-2.5 to 2.5	Pass
				50	3.85	11.988	0.0064	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	12.360	0.0065	-2.5 to 2.5	Pass
					3.85	8.969	0.0047	-2.5 to 2.5	Pass
					4.43	0.744	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-7.210	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				50	3.85	4.478	0.0023	-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	5.093	0.0027	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	9.513	0.0051	-2.5 to 2.5	Pass
				-20	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				10	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				40	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				50	3.85	-6.566	-0.0035	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	0.772	0.0004	-2.5 to 2.5	Pass
					3.85	0.901	0.0005	-2.5 to 2.5	Pass
					4.43	-0.515	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	6.123	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				0	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				10	3.85	3.834	0.0020	-2.5 to 2.5	Pass
				30	3.85	6.251	0.0033	-2.5 to 2.5	Pass
				40	3.85	1.402	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.27	2.074	0.0011	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-20	3.85	6.280	0.0033	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	12.875	0.0067	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.747	-0.0014	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.778	-0.0026	-2.5 to 2.5	Pass
					4.43	0.215	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	13.905	0.0075	-2.5 to 2.5	Pass
				-10	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0034	-2.5 to 2.5	Pass
				10	3.85	5.751	0.0031	-2.5 to 2.5	Pass
				30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-4.578	-0.0024	-2.5 to 2.5	Pass
					3.85	3.548	0.0019	-2.5 to 2.5	Pass
					4.43	-5.393	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	4.849	0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				30	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				40	3.85	8.097	0.0043	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-1.230	-0.0006	-2.5 to 2.5	Pass
					3.85	4.263	0.0022	-2.5 to 2.5	Pass
					4.43	12.774	0.0067	-2.5 to 2.5	Pass
				-30	3.85	5.221	0.0027	-2.5 to 2.5	Pass
				-20	3.85	8.054	0.0042	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-8.755	-0.0046	-2.5 to 2.5	Pass
				10	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0004	-2.5 to 2.5	Pass
				40	3.85	4.764	0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.007	-0.0026	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-1.931	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
					4.43	4.606	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass

				30	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-2.947	-0.0016	-2.5 to 2.5	Pass
					3.85	2.718	0.0014	-2.5 to 2.5	Pass
					4.43	2.017	0.0011	-2.5 to 2.5	Pass
				-30	3.85	5.407	0.0029	-2.5 to 2.5	Pass
				-20	3.85	8.740	0.0046	-2.5 to 2.5	Pass
				-10	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				10	3.85	4.807	0.0026	-2.5 to 2.5	Pass
				30	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				40	3.85	5.636	0.0030	-2.5 to 2.5	Pass
				50	3.85	1.745	0.0009	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	7.668	0.0040	-2.5 to 2.5	Pass
					3.85	4.106	0.0022	-2.5 to 2.5	Pass
					4.43	0.529	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.290	0.0017	-2.5 to 2.5	Pass
				10	3.85	4.520	0.0024	-2.5 to 2.5	Pass
				30	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				40	3.85	7.339	0.0039	-2.5 to 2.5	Pass
				50	3.85	1.788	0.0009	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.388	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				0	3.85	5.207	0.0028	-2.5 to 2.5	Pass
				10	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				30	3.85	4.177	0.0023	-2.5 to 2.5	Pass
				40	3.85	9.069	0.0049	-2.5 to 2.5	Pass
				50	3.85	3.548	0.0019	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	1.388	0.0007	-2.5 to 2.5	Pass
					3.85	7.224	0.0038	-2.5 to 2.5	Pass
					4.43	2.775	0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.933	0.0016	-2.5 to 2.5	Pass
				0	3.85	5.794	0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	0.000	0.0000	-2.5 to 2.5	Pass
					3.85	4.821	0.0025	-2.5 to 2.5	Pass
					4.43	4.892	0.0026	-2.5 to 2.5	Pass
				-30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0012	-2.5 to 2.5	Pass
				0	3.85	3.333	0.0017	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass
				50	3.85	9.542	0.0050	-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	6.781	0.0037	-2.5 to 2.5	Pass
					3.85	3.548	0.0019	-2.5 to 2.5	Pass
					4.43	2.031	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	7.038	0.0037	-2.5 to 2.5	Pass
					3.85	3.719	0.0020	-2.5 to 2.5	Pass
					4.43	3.548	0.0019	-2.5 to 2.5	Pass
				-30	3.85	7.410	0.0039	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0009	-2.5 to 2.5	Pass
				-10	3.85	4.520	0.0024	-2.5 to 2.5	Pass
				0	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				10	3.85	10.743	0.0057	-2.5 to 2.5	Pass
				30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				40	3.85	5.922	0.0032	-2.5 to 2.5	Pass
				50	3.85	5.507	0.0029	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	4.950	0.0026	-2.5 to 2.5	Pass
					3.85	0.486	0.0003	-2.5 to 2.5	Pass
					4.43	3.247	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				0	3.85	9.041	0.0048	-2.5 to 2.5	Pass
				10	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0021	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0001	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-1.845	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	11.215	0.0060	-2.5 to 2.5	Pass
					3.85	3.462	0.0018	-2.5 to 2.5	Pass
					4.43	4.420	0.0024	-2.5 to 2.5	Pass
				-30	3.85	8.783	0.0047	-2.5 to 2.5	Pass
				-20	3.85	4.807	0.0026	-2.5 to 2.5	Pass
				-10	3.85	5.422	0.0029	-2.5 to 2.5	Pass
				0	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				10	3.85	6.394	0.0034	-2.5 to 2.5	Pass
				30	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				40	3.85	8.297	0.0044	-2.5 to 2.5	Pass
				50	3.85	1.302	0.0007	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.27	1.402	0.0007	-2.5 to 2.5	Pass
					3.85	1.616	0.0008	-2.5 to 2.5	Pass
					4.43	-0.243	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.849	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.073	0.0006	-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	3.033	0.0016	-2.5 to 2.5	Pass
					3.85	1.187	0.0006	-2.5 to 2.5	Pass
					4.43	1.473	0.0008	-2.5 to 2.5	Pass
				-30	3.85	3.562	0.0019	-2.5 to 2.5	Pass
				-20	3.85	5.465	0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				10	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				40	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.772	0.0004	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	4.077	0.0022	-2.5 to 2.5	Pass
					3.85	3.176	0.0017	-2.5 to 2.5	Pass
					4.43	3.519	0.0019	-2.5 to 2.5	Pass
				-30	3.85	5.808	0.0031	-2.5 to 2.5	Pass
				-20	3.85	3.934	0.0021	-2.5 to 2.5	Pass
				-10	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				10	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				30	3.85	9.284	0.0049	-2.5 to 2.5	Pass
				40	3.85	3.233	0.0017	-2.5 to 2.5	Pass
				50	3.85	3.619	0.0019	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	3.905	0.0021	-2.5 to 2.5	Pass
					3.85	1.845	0.0010	-2.5 to 2.5	Pass
					4.43	2.933	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.334	0.0023	-2.5 to 2.5	Pass
				-10	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				0	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				40	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				50	3.85	0.572	0.0003	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	3.734	0.0020	-2.5 to 2.5	Pass
					3.85	2.518	0.0014	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.322	0.0029	-2.5 to 2.5	Pass
				0	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				10	3.85	5.722	0.0031	-2.5 to 2.5	Pass

	1880	100	0	30	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				40	3.85	4.091	0.0022	-2.5 to 2.5	Pass
				50	3.85	4.249	0.0023	-2.5 to 2.5	Pass
				20	3.27	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.705	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
	1900	100	0	0	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-10.586	-0.0056	-2.5 to 2.5	Pass
				20	3.27	-0.772	-0.0004	-2.5 to 2.5	Pass
					3.85	1.760	0.0009	-2.5 to 2.5	Pass
					4.43	3.061	0.0016	-2.5 to 2.5	Pass
				-30	3.85	7.811	0.0041	-2.5 to 2.5	Pass
				-20	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.561	0.0013	-2.5 to 2.5	Pass
				0	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				10	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				30	3.85	5.364	0.0028	-2.5 to 2.5	Pass
				40	3.85	2.704	0.0014	-2.5 to 2.5	Pass
				50	3.85	10.672	0.0056	-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 / NTV						
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

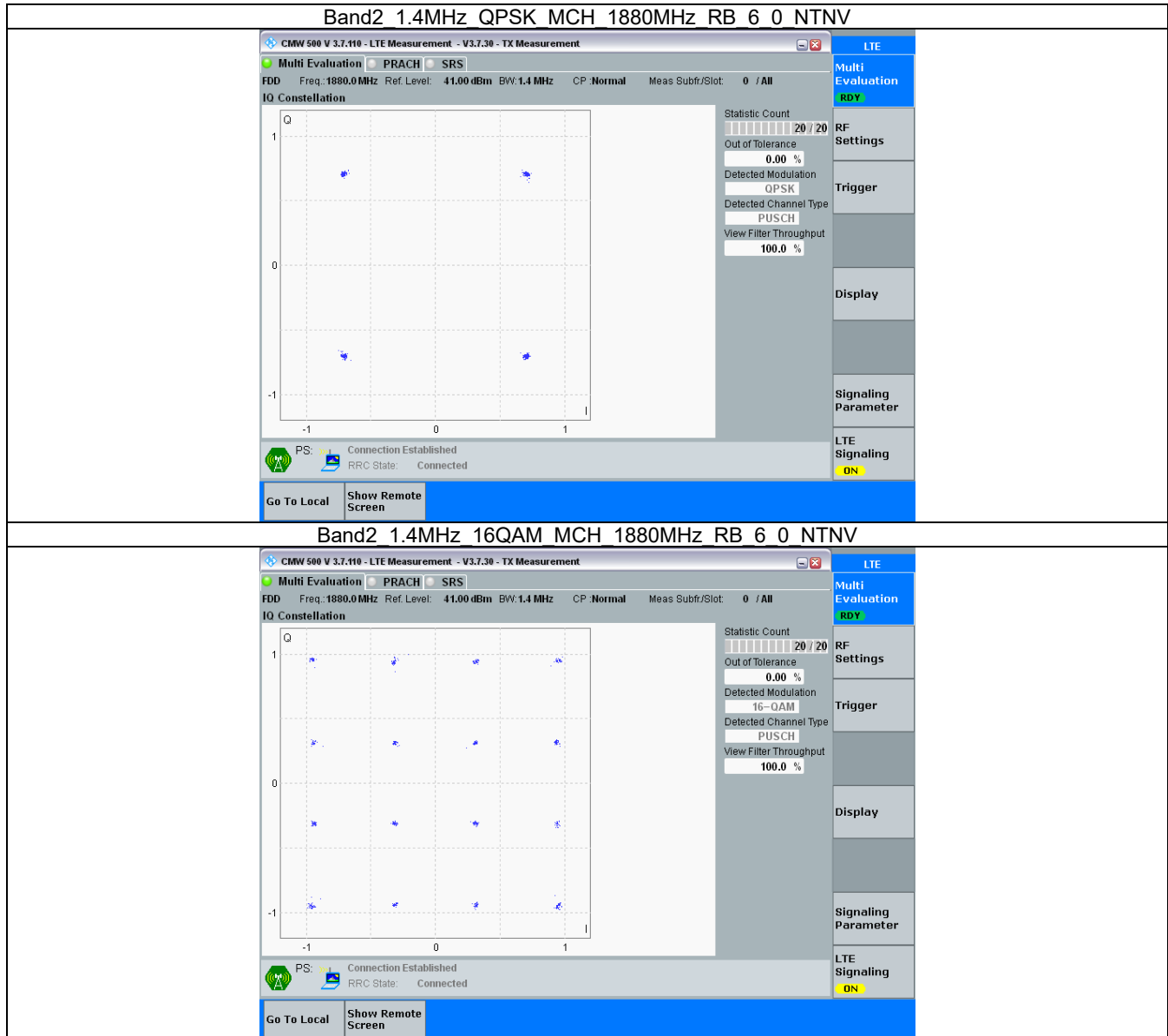
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

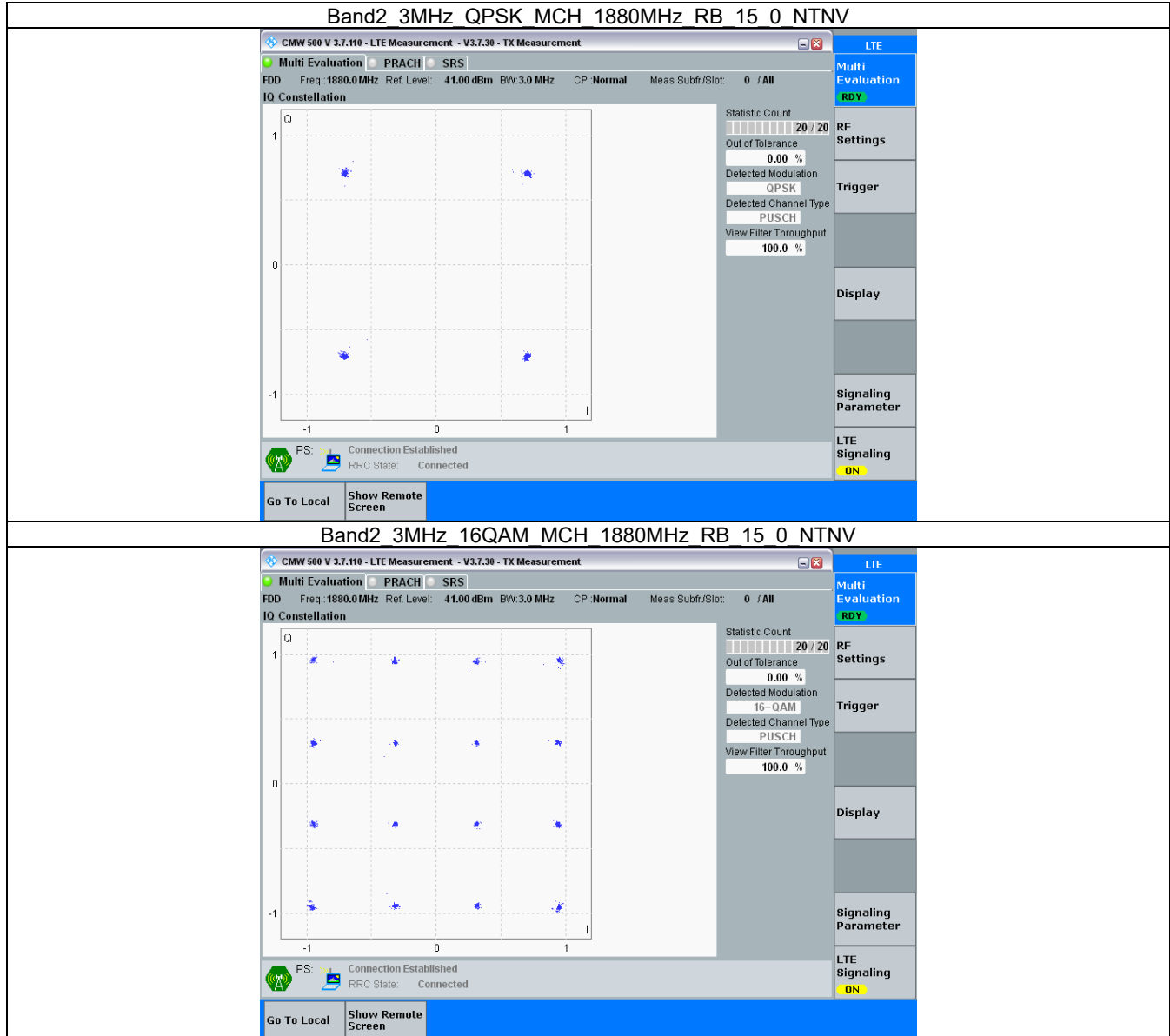
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

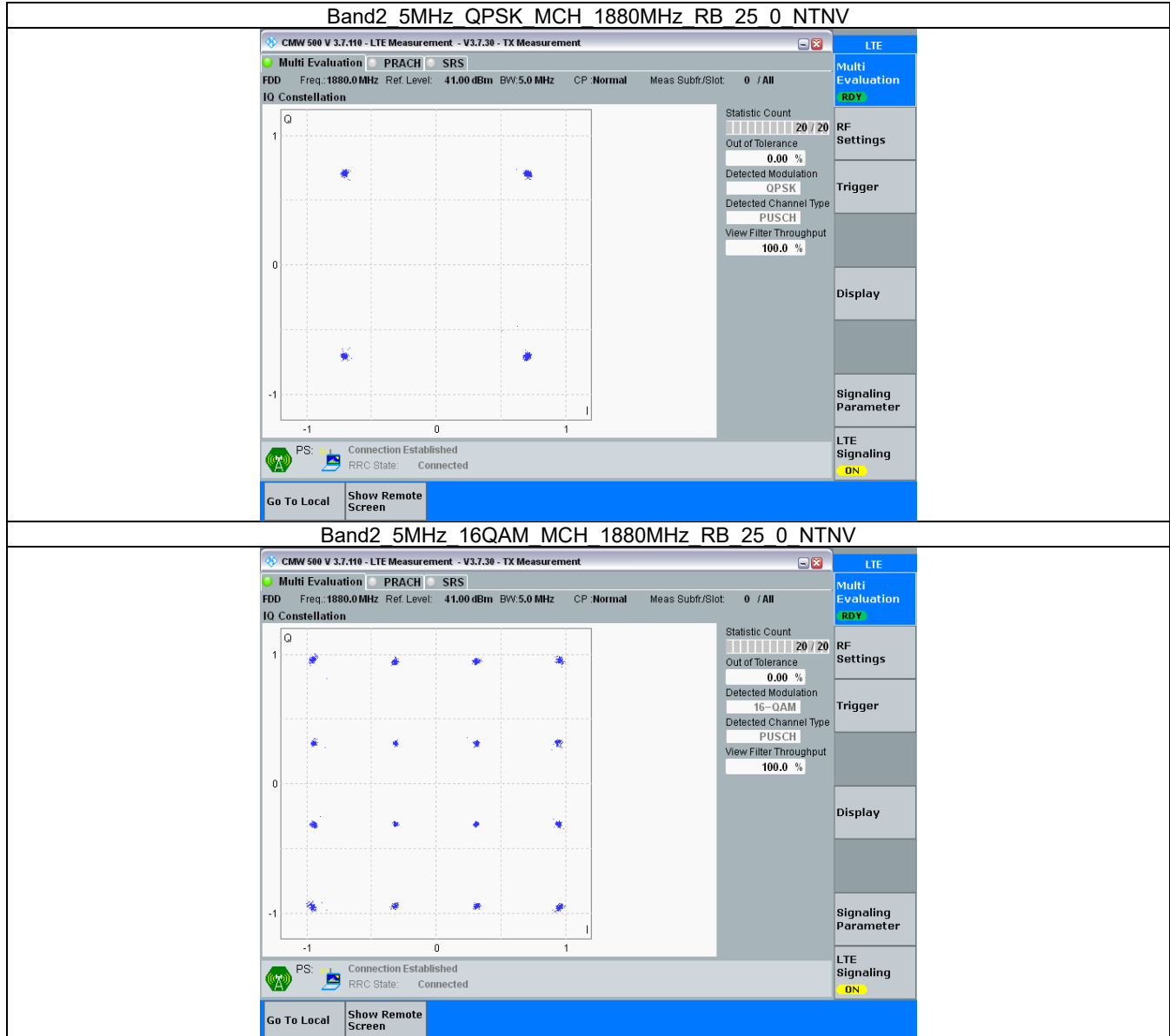
3.2.1 B2_1.4MHz



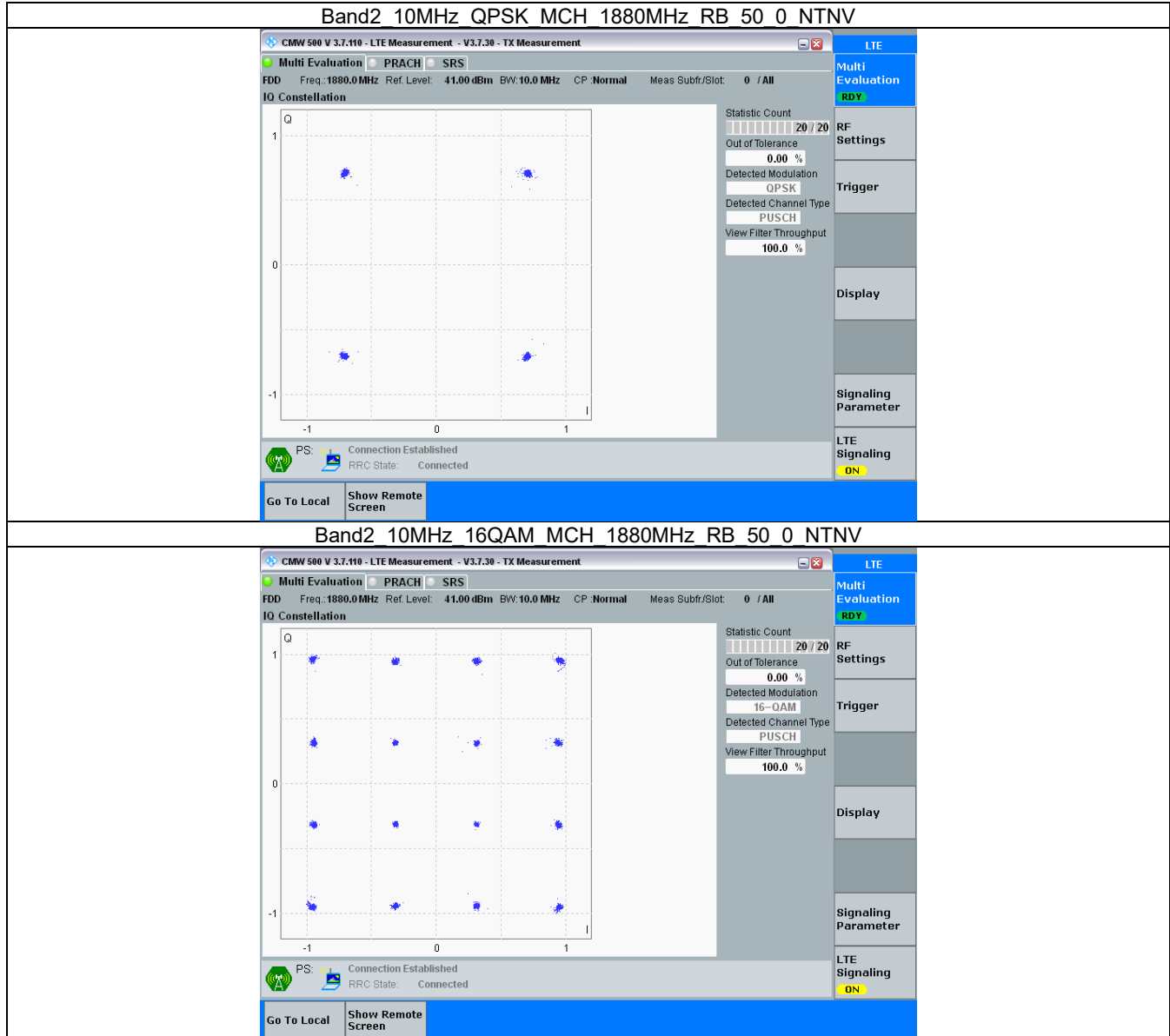
3.2.2 B2_3MHz



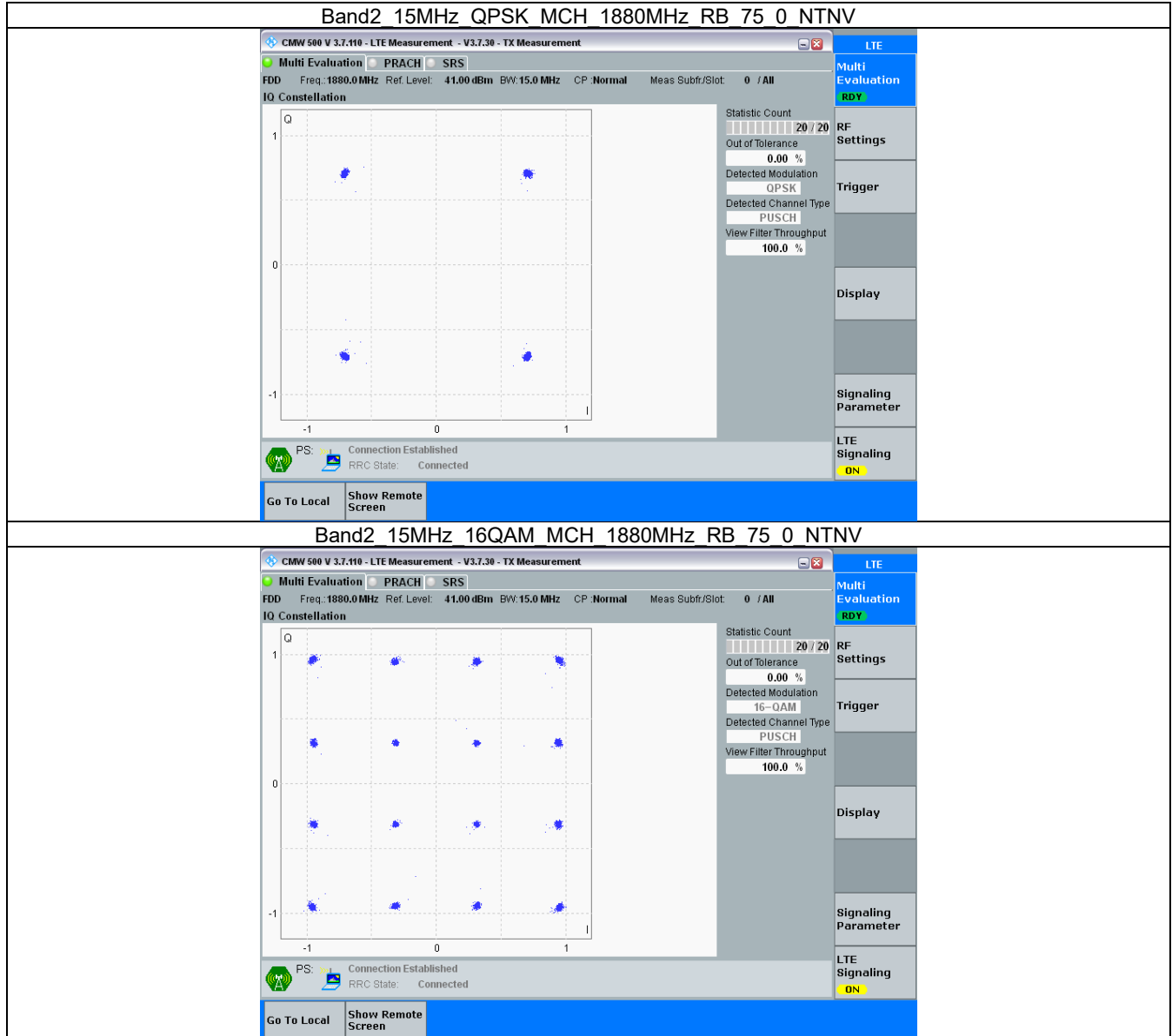
3.2.3 B2_5MHz



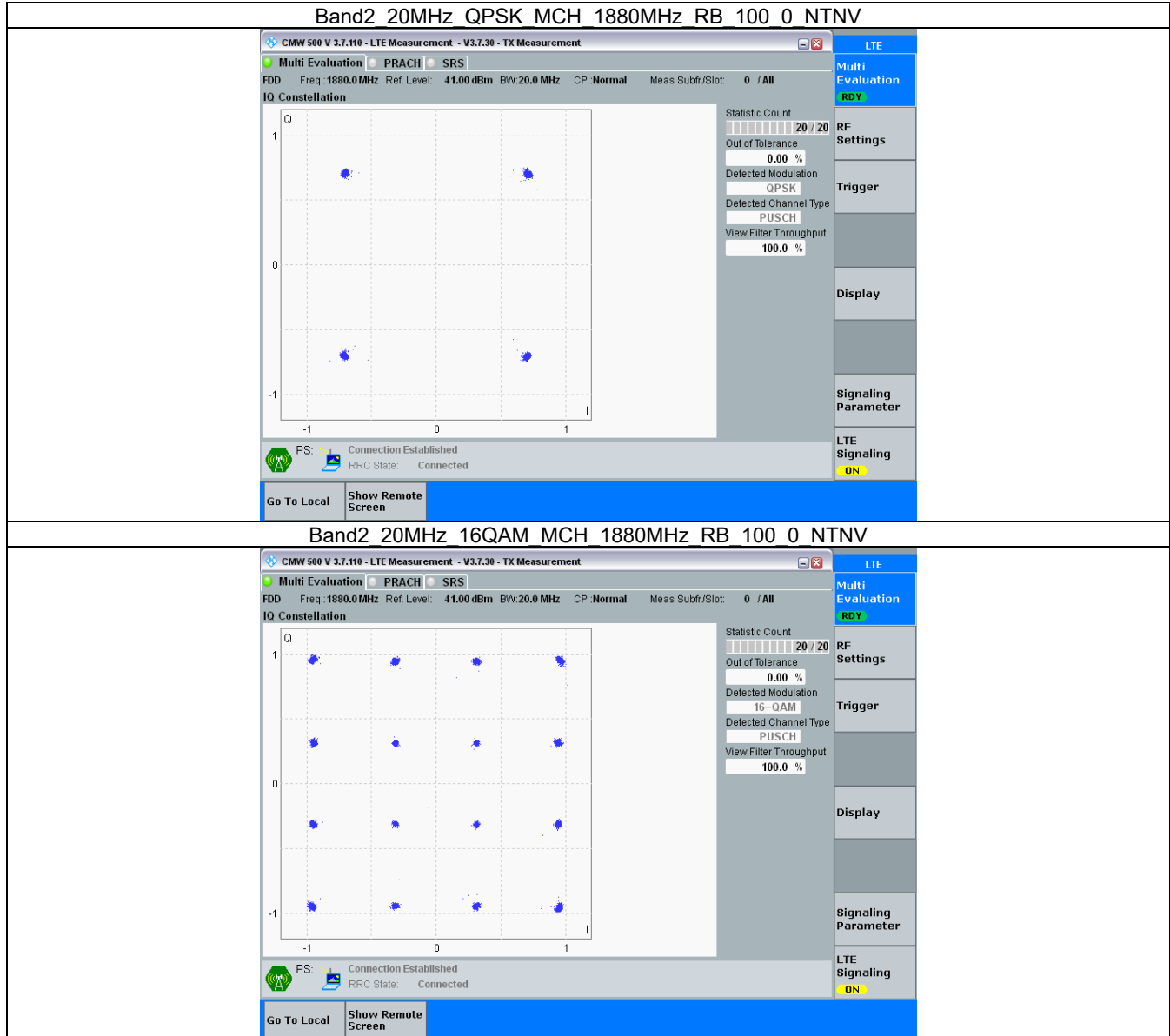
3.2.4 B2_10MHz



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 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.112	/	Pass
		1880	6	0	1.115	/	Pass
		1909.3	6	0	1.112	/	Pass
	16QAM	1850.7	6	0	1.112	/	Pass
		1880	6	0	1.110	/	Pass
		1909.3	6	0	1.119	/	Pass
3	QPSK	1851.5	15	0	2.736	/	Pass
		1880	15	0	2.731	/	Pass
		1908.5	15	0	2.728	/	Pass
	16QAM	1851.5	15	0	2.727	/	Pass
		1880	15	0	2.731	/	Pass
		1908.5	15	0	2.726	/	Pass
5	QPSK	1852.5	25	0	4.553	/	Pass
		1880	25	0	4.553	/	Pass
		1907.5	25	0	4.550	/	Pass
	16QAM	1852.5	25	0	4.551	/	Pass
		1880	25	0	4.571	/	Pass
		1907.5	25	0	4.532	/	Pass
10	QPSK	1855	50	0	9.089	/	Pass
		1880	50	0	9.040	/	Pass
		1905	50	0	9.031	/	Pass
	16QAM	1855	50	0	9.058	/	Pass
		1880	50	0	9.043	/	Pass
		1905	50	0	9.010	/	Pass
15	QPSK	1857.5	75	0	13.570	/	Pass
		1880	75	0	13.552	/	Pass
		1902.5	75	0	13.590	/	Pass
	16QAM	1857.5	75	0	13.604	/	Pass
		1880	75	0	13.580	/	Pass
		1902.5	75	0	13.575	/	Pass
20	QPSK	1860	100	0	18.120	/	Pass
		1880	100	0	18.051	/	Pass
		1900	100	0	18.066	/	Pass
	16QAM	1860	100	0	18.073	/	Pass
		1880	100	0	18.052	/	Pass
		1900	100	0	18.212	/	Pass

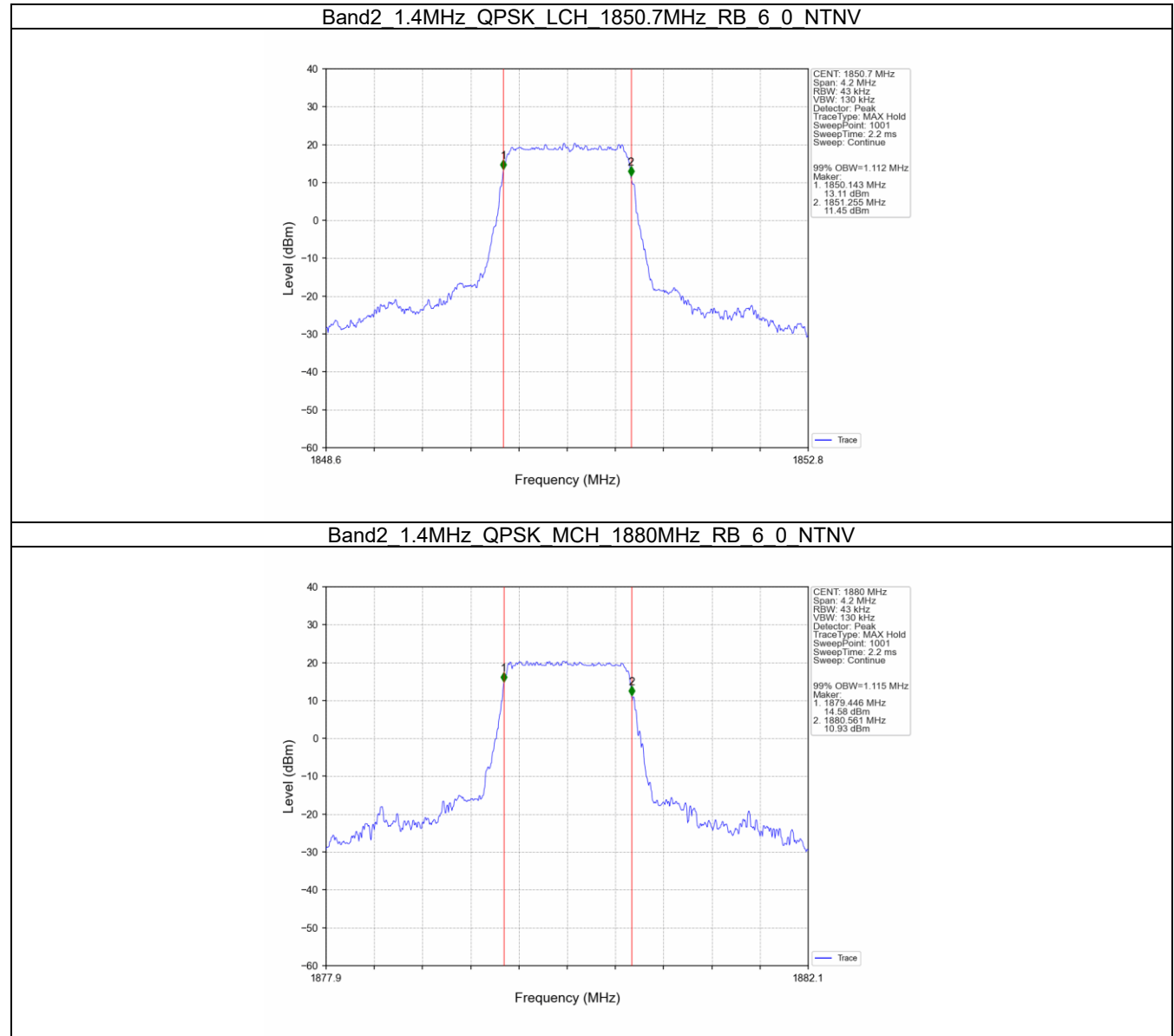
4.1.2 Band2_XDB

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.321	/	Pass
		1880	6	0	1.327	/	Pass
		1909.3	6	0	1.323	/	Pass

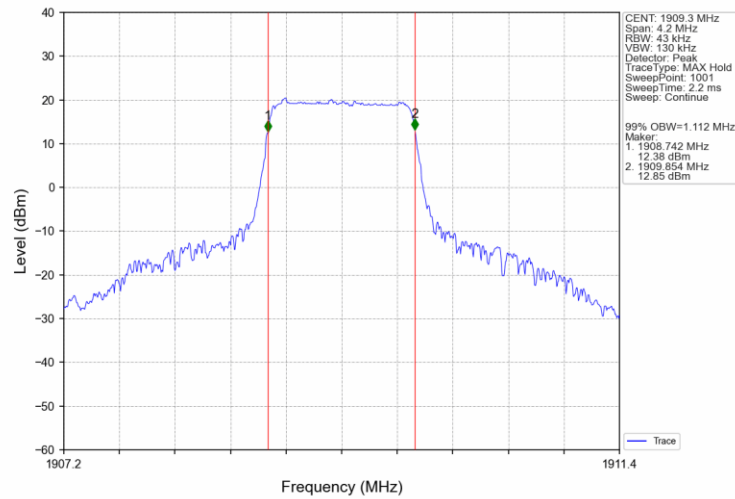
	16QAM	1850.7	6	0	1.337	/	Pass
		1880	6	0	1.310	/	Pass
		1909.3	6	0	1.313	/	Pass
3	QPSK	1851.5	15	0	3.008	/	Pass
		1880	15	0	3.009	/	Pass
		1908.5	15	0	3.009	/	Pass
	16QAM	1851.5	15	0	3.001	/	Pass
		1880	15	0	3.008	/	Pass
		1908.5	15	0	2.989	/	Pass
5	QPSK	1852.5	25	0	5.033	/	Pass
		1880	25	0	5.069	/	Pass
		1907.5	25	0	5.040	/	Pass
	16QAM	1852.5	25	0	5.069	/	Pass
		1880	25	0	5.107	/	Pass
		1907.5	25	0	5.066	/	Pass
10	QPSK	1855	50	0	9.918	/	Pass
		1880	50	0	10.003	/	Pass
		1905	50	0	9.917	/	Pass
	16QAM	1855	50	0	9.966	/	Pass
		1880	50	0	9.900	/	Pass
		1905	50	0	9.893	/	Pass
15	QPSK	1857.5	75	0	14.932	/	Pass
		1880	75	0	14.855	/	Pass
		1902.5	75	0	15.000	/	Pass
	16QAM	1857.5	75	0	14.851	/	Pass
		1880	75	0	15.080	/	Pass
		1902.5	75	0	14.897	/	Pass
20	QPSK	1860	100	0	19.660	/	Pass
		1880	100	0	19.768	/	Pass
		1900	100	0	19.594	/	Pass
	16QAM	1860	100	0	19.792	/	Pass
		1880	100	0	19.694	/	Pass
		1900	100	0	19.677	/	Pass

4.2 Test Graph

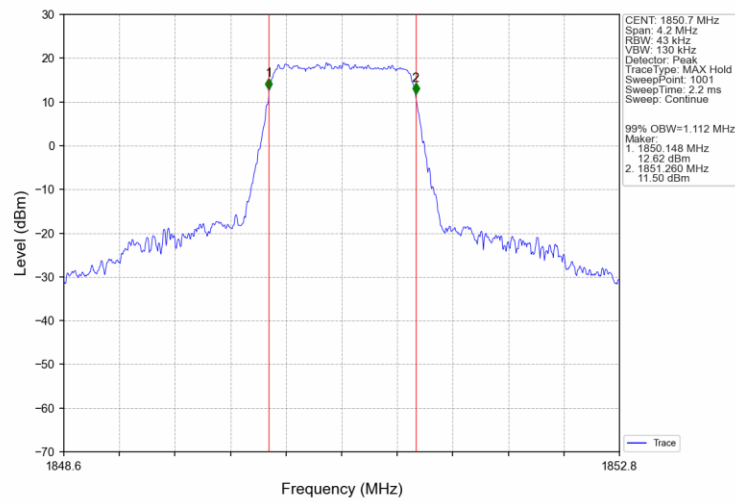
4.2.1 Band2_OBW



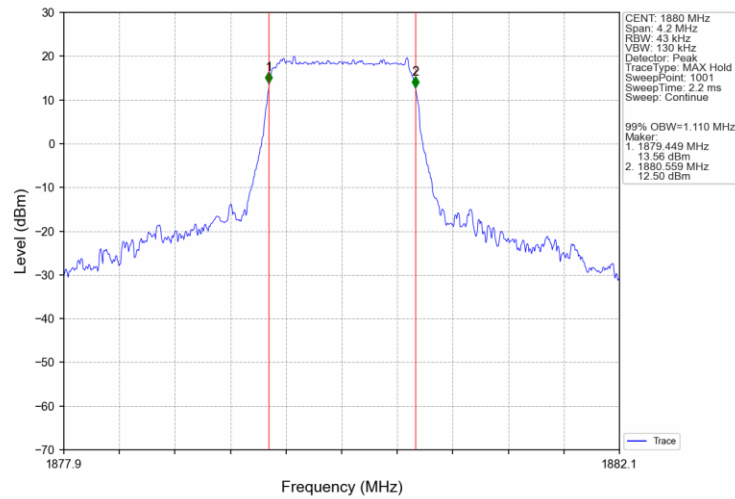
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



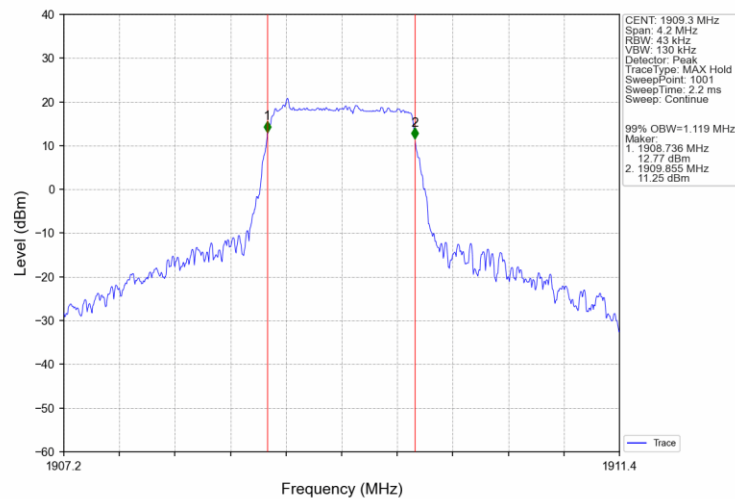
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



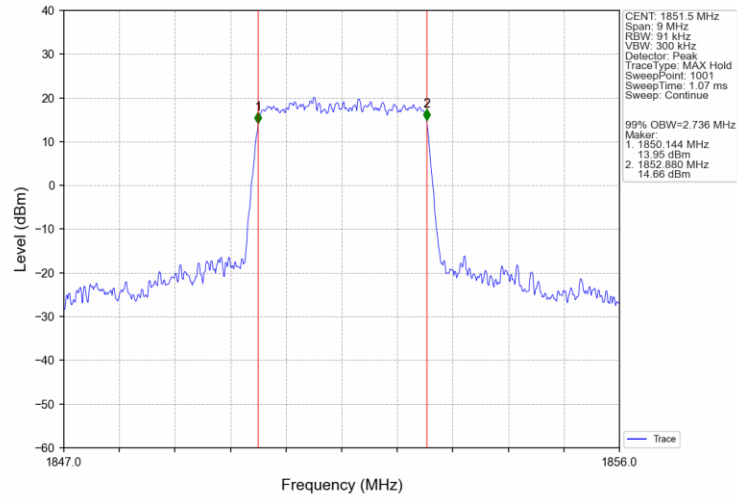
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



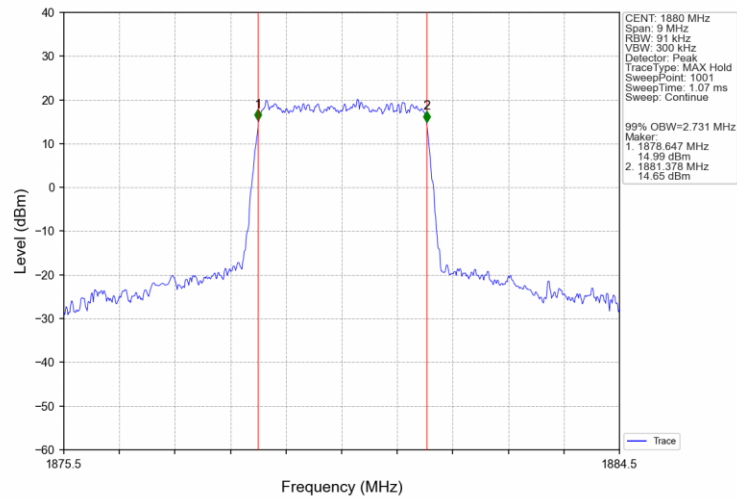
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



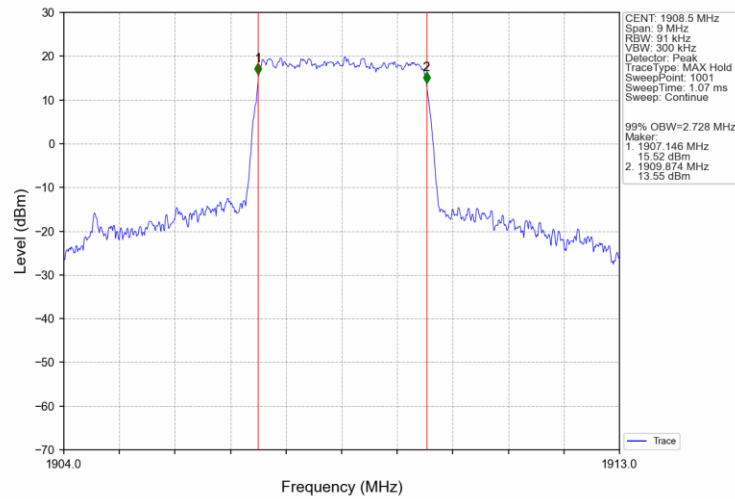
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



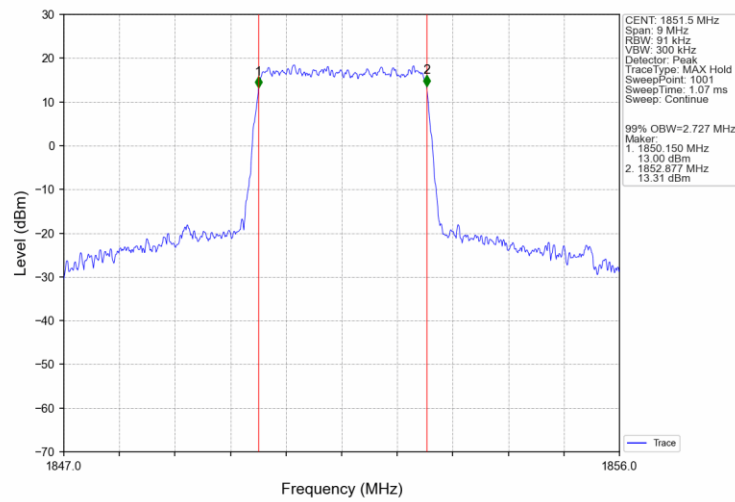
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



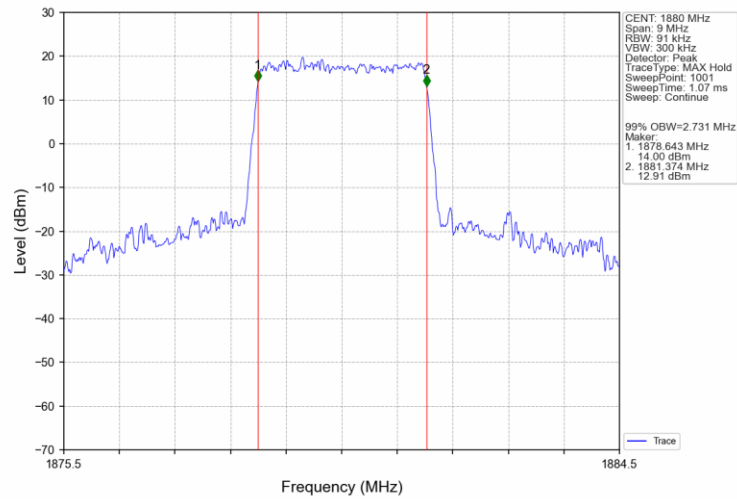
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



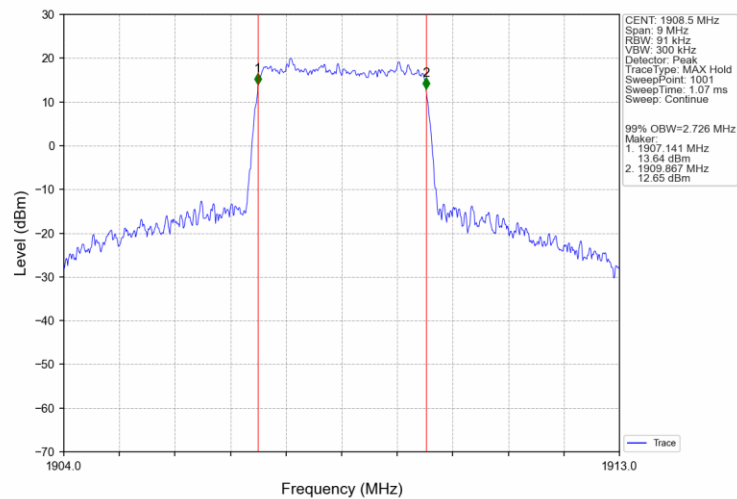
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



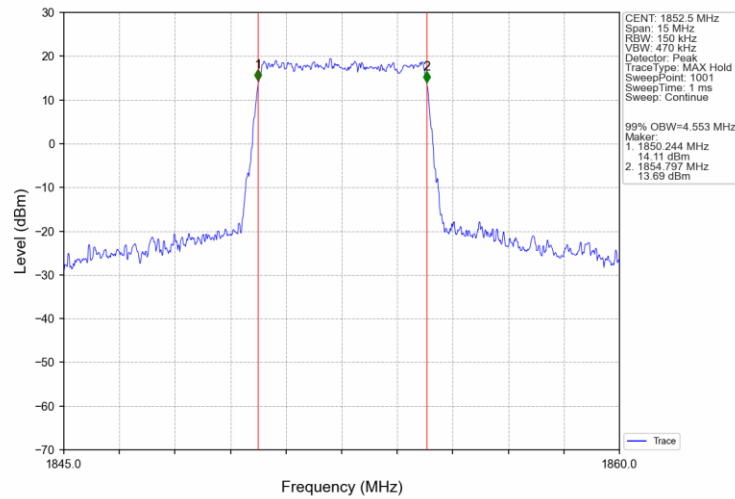
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



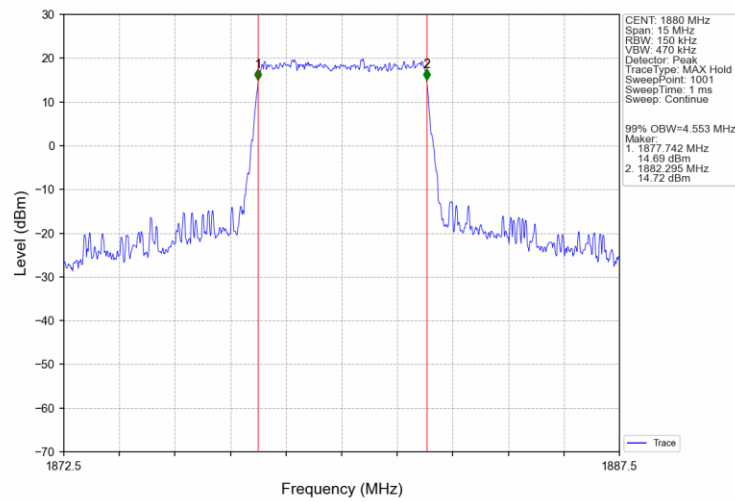
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



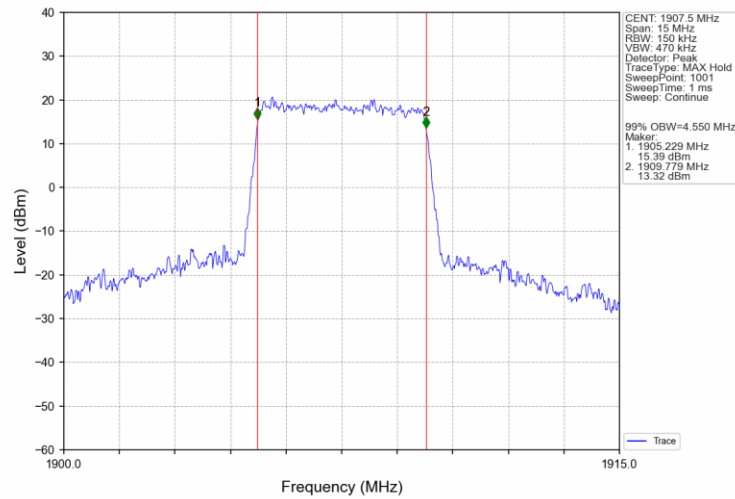
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



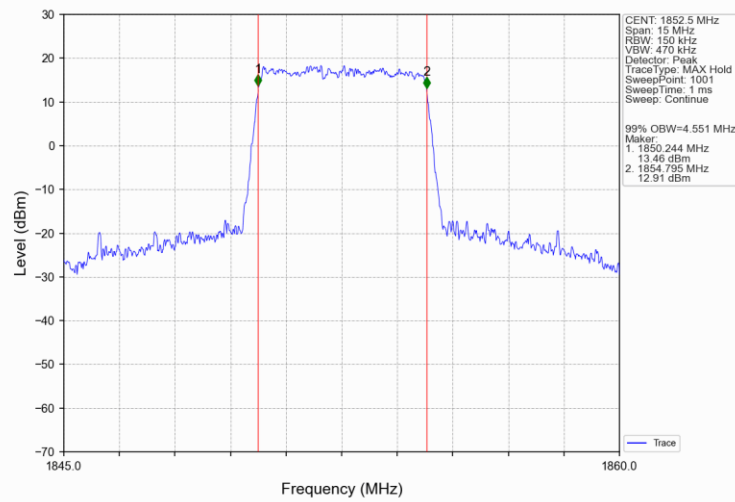
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



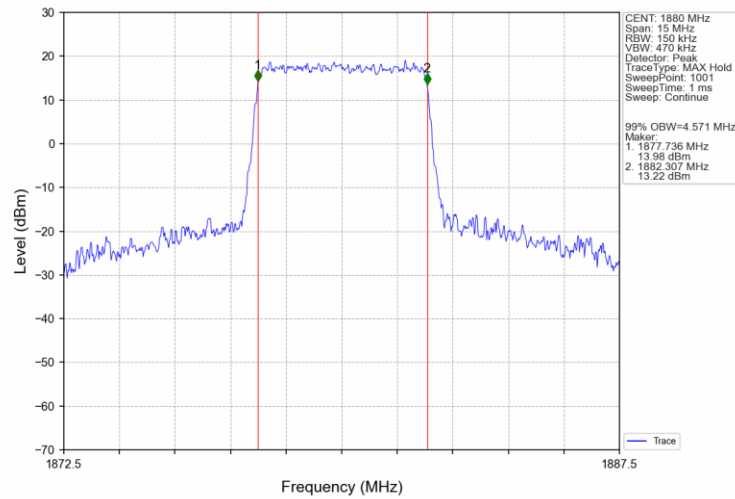
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



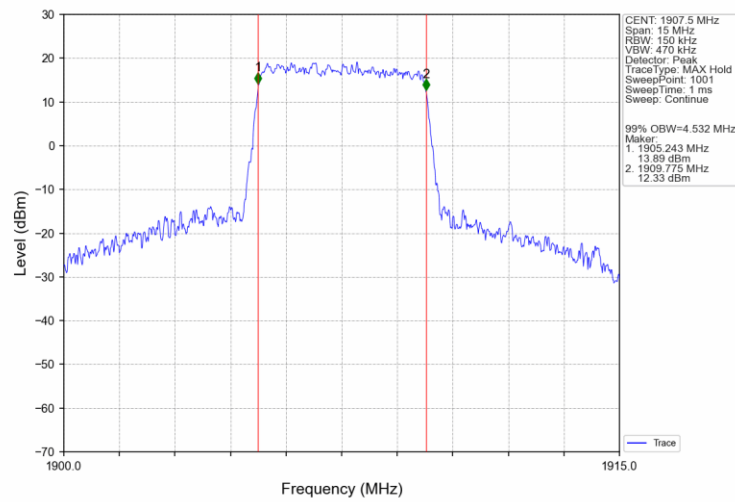
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



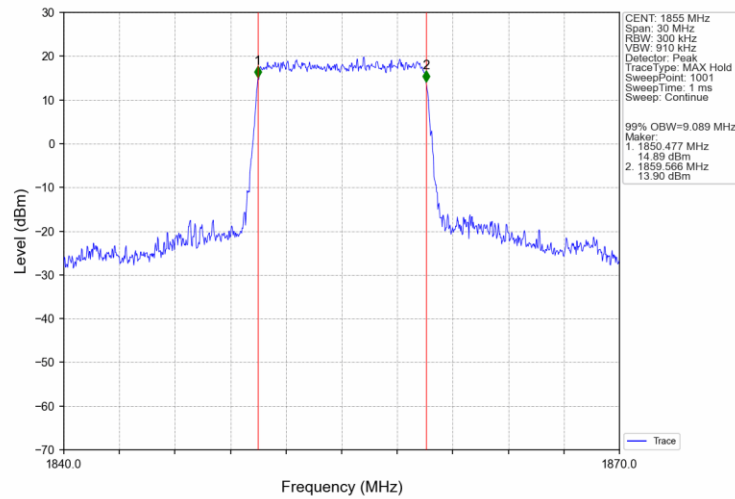
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



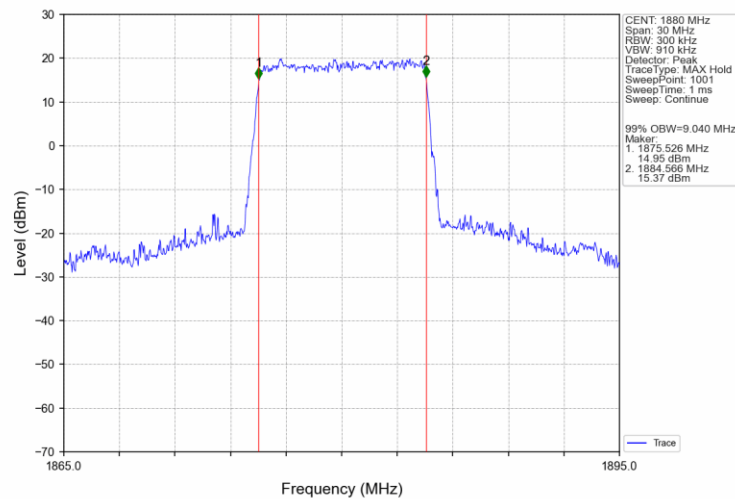
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



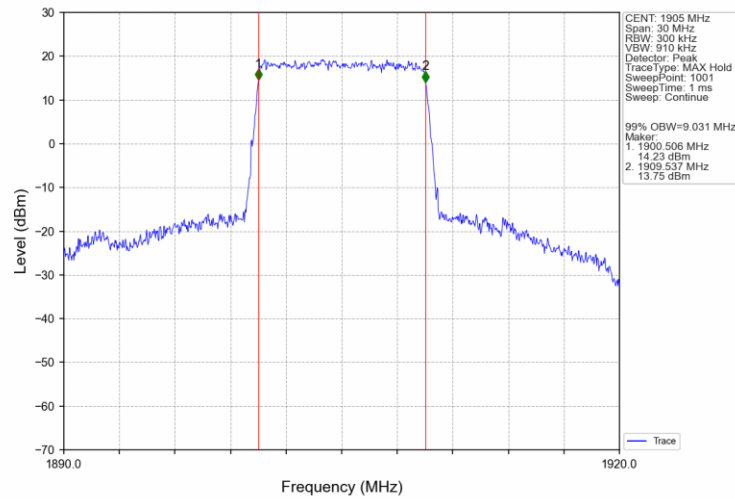
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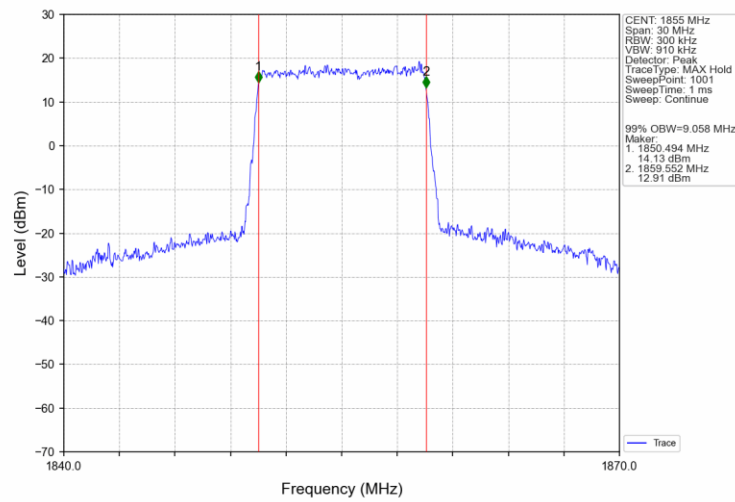
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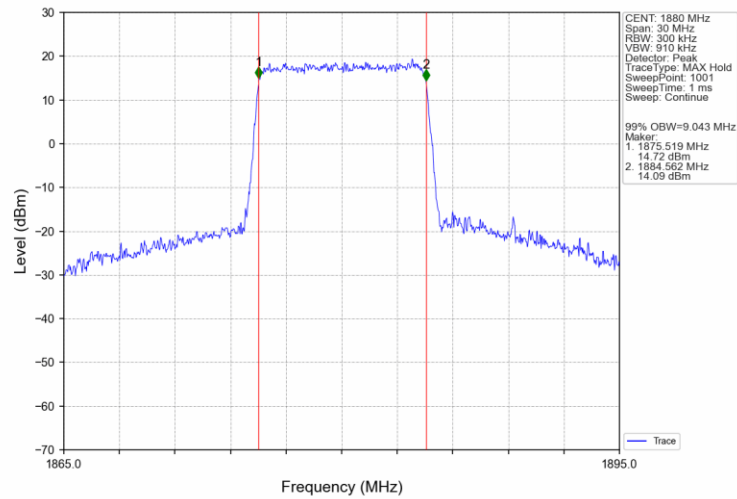
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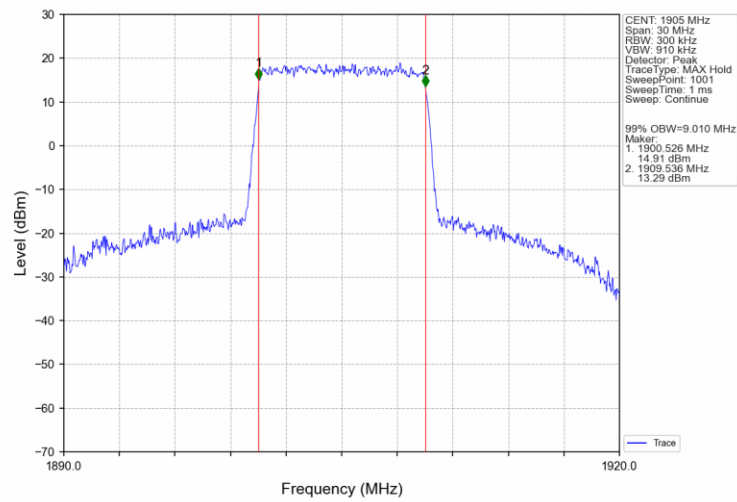
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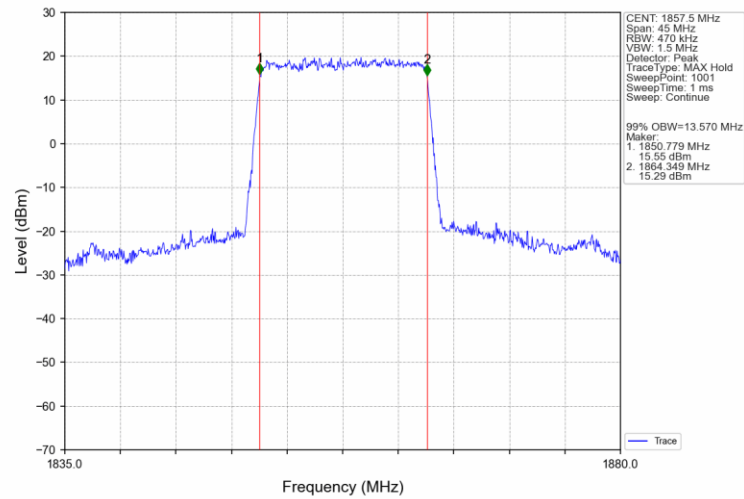
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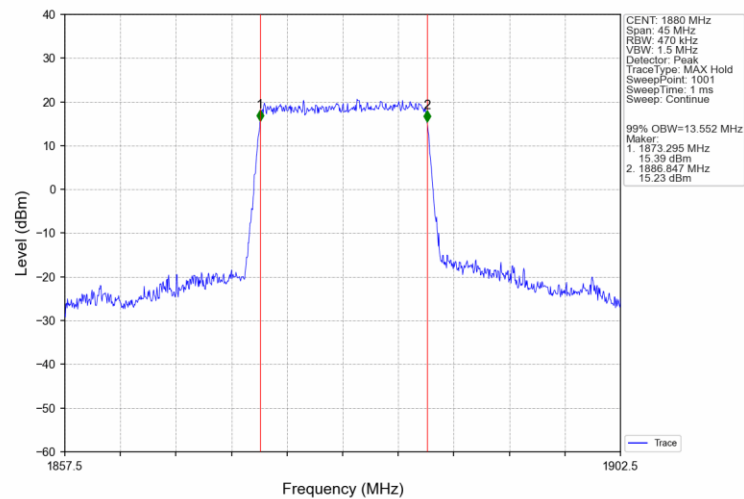
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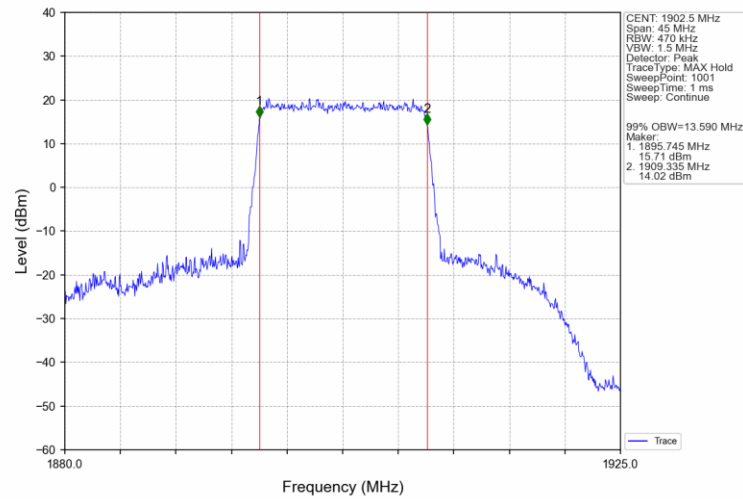
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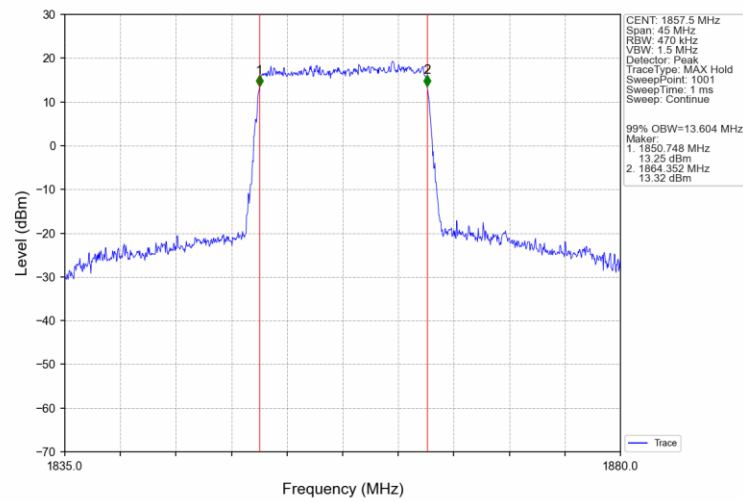
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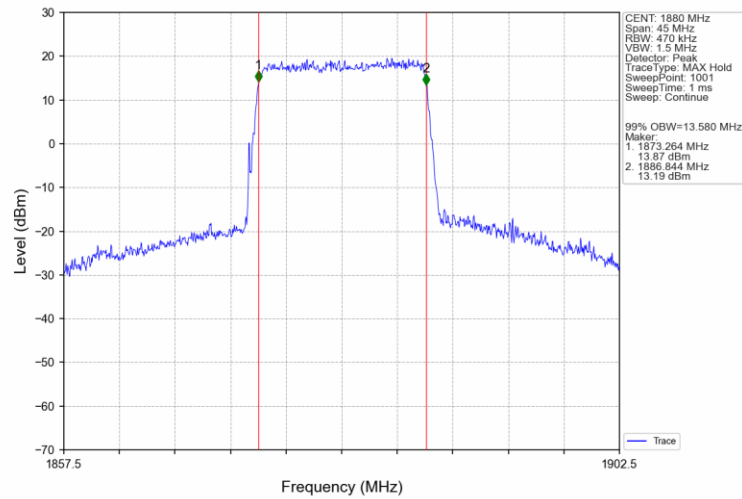
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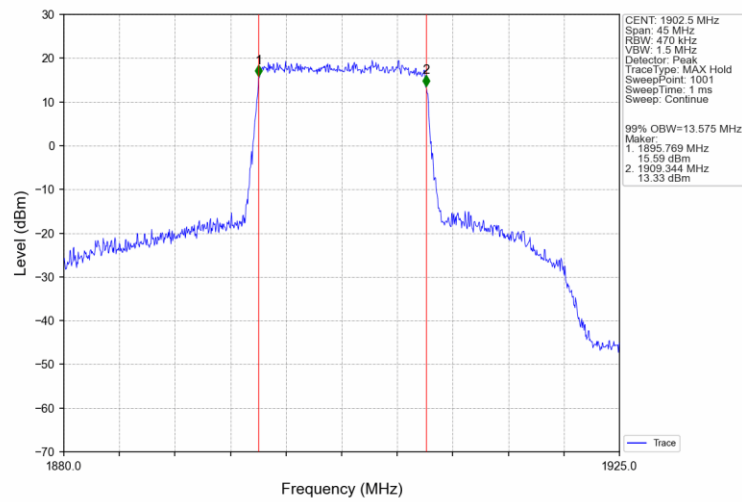
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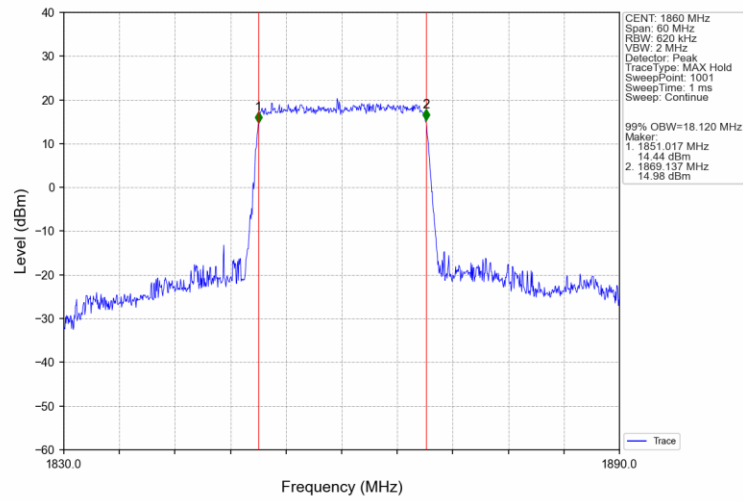
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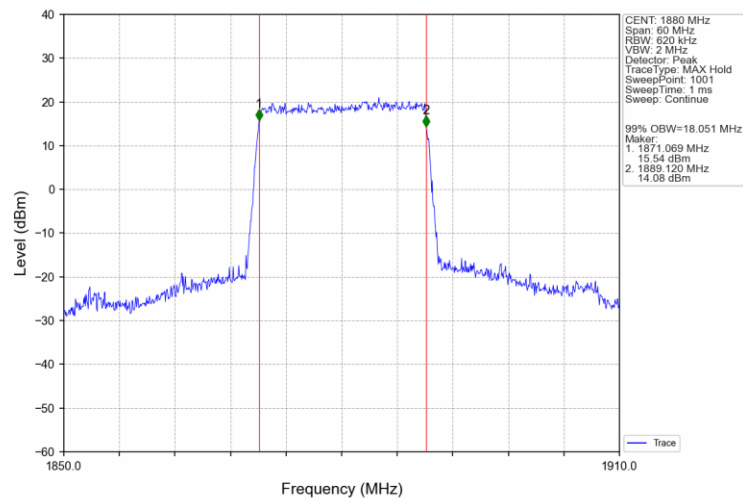
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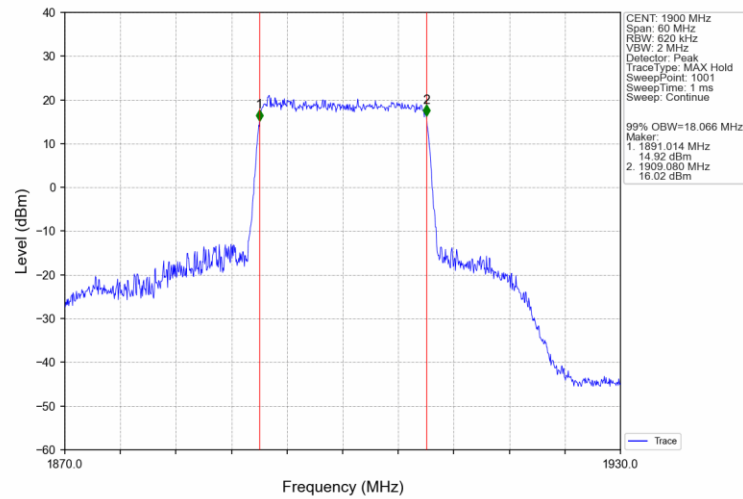
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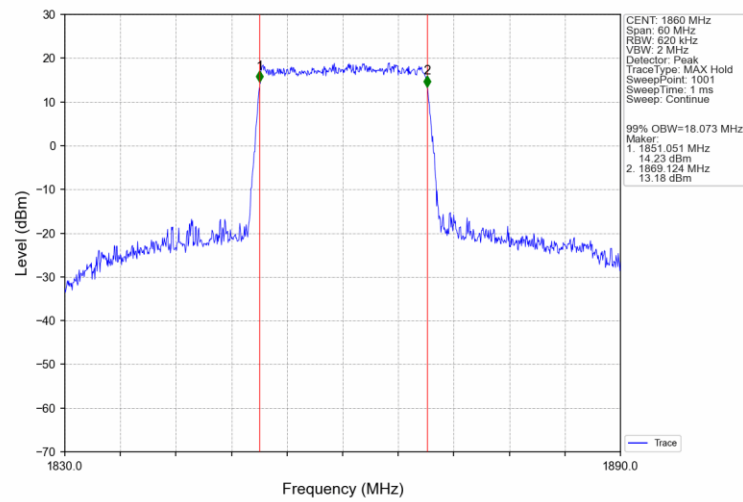
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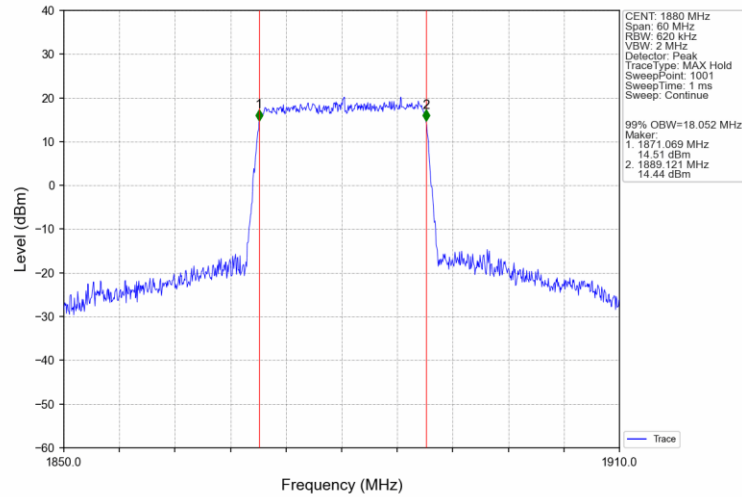
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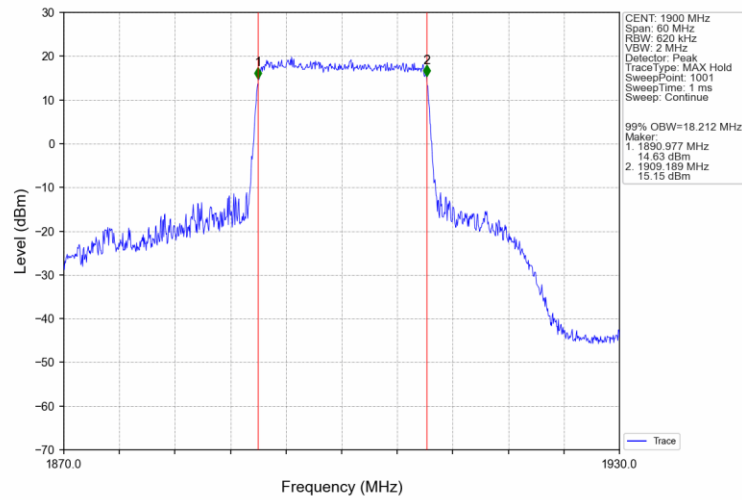
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Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

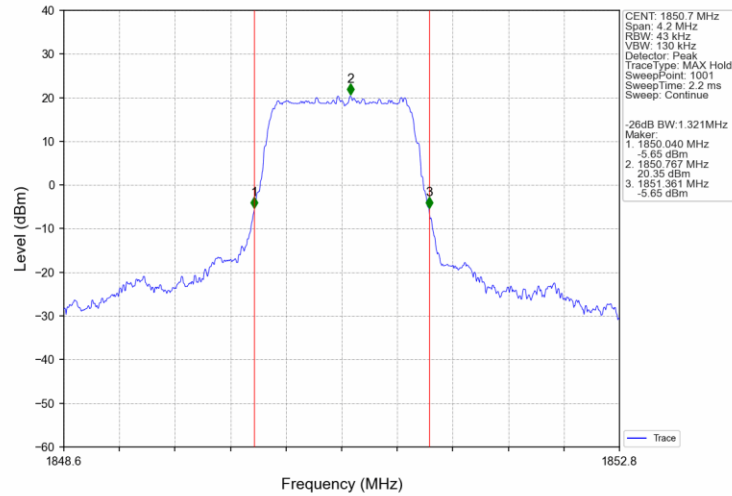


Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

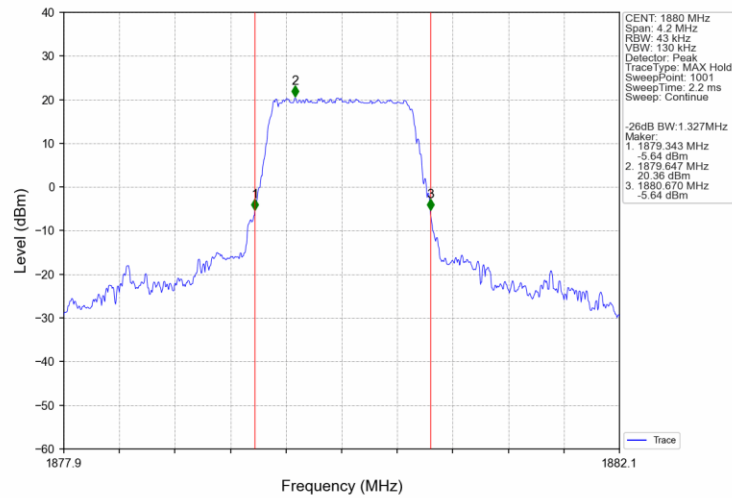


4.2.2 Band2_XDB

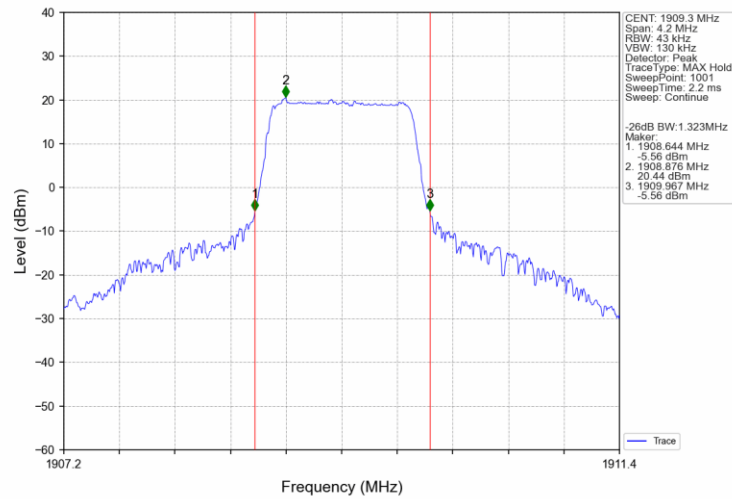
Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



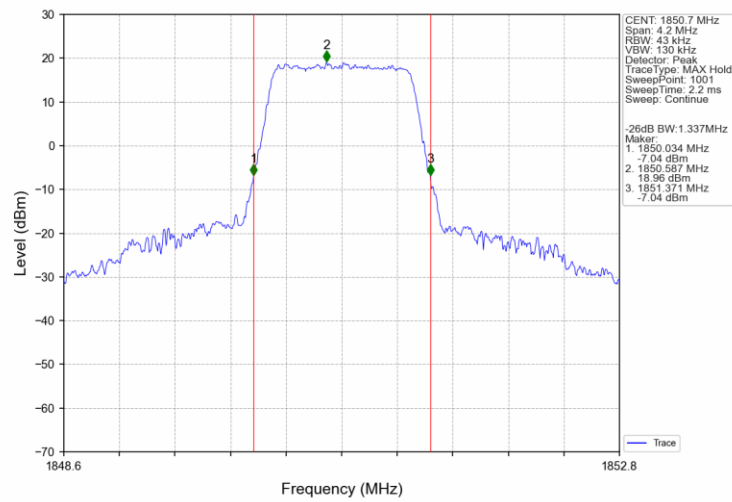
Band2 1.4MHz QPSK MCH 1880MHz RB 6 0 NTV



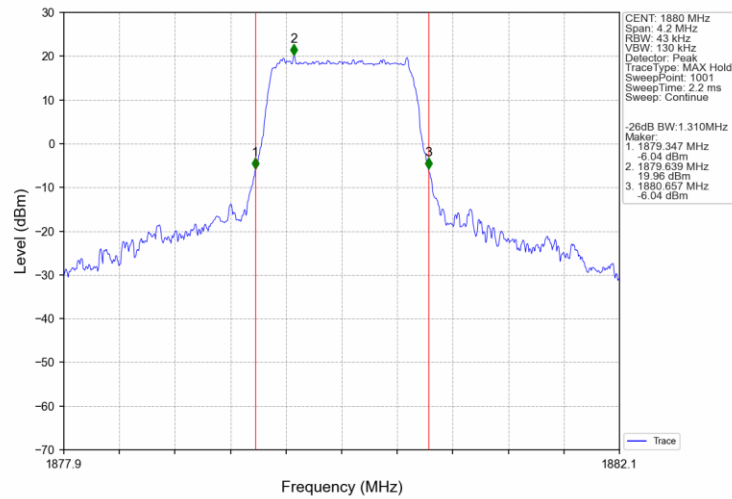
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



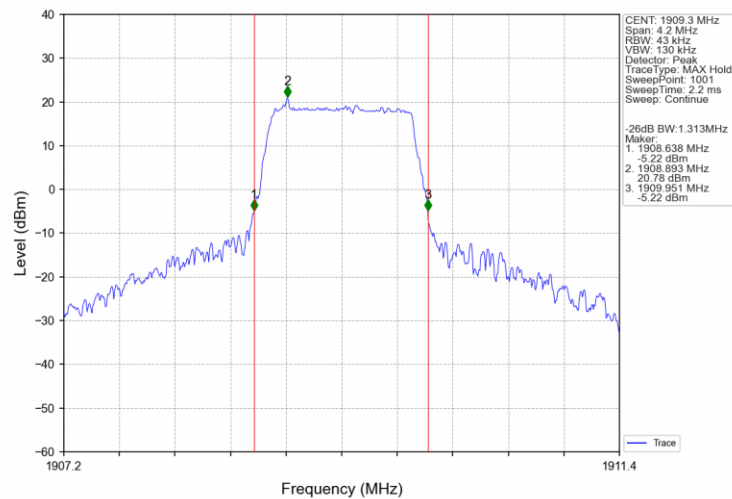
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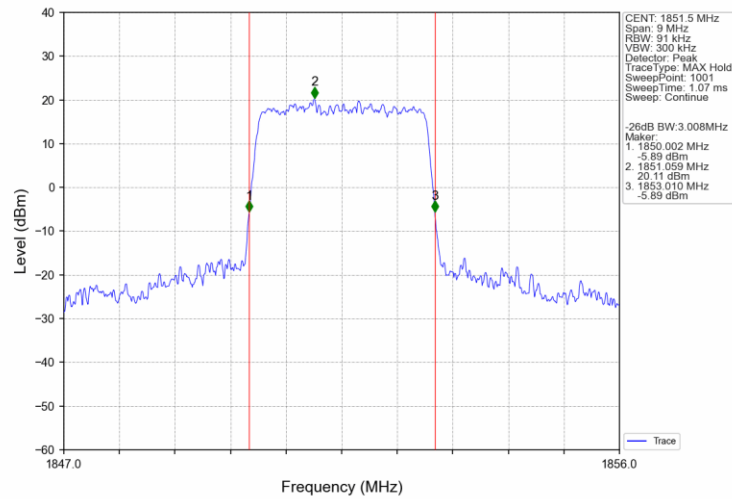
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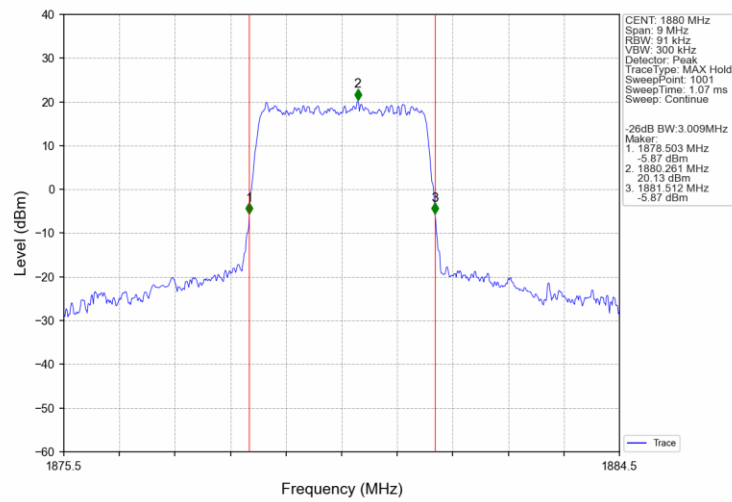
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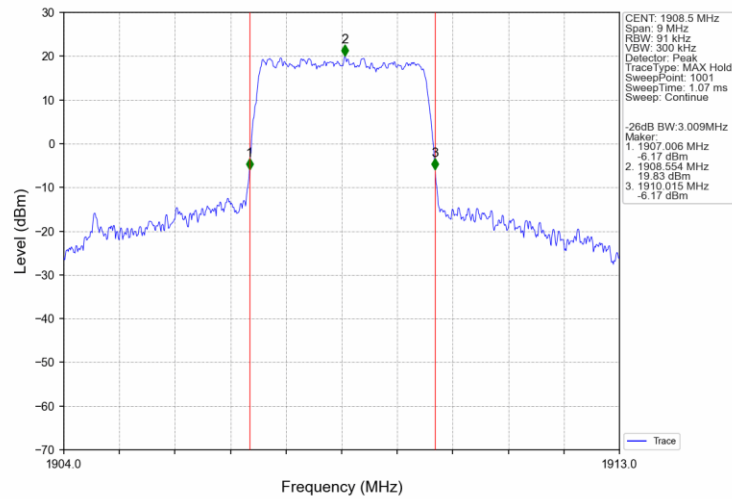
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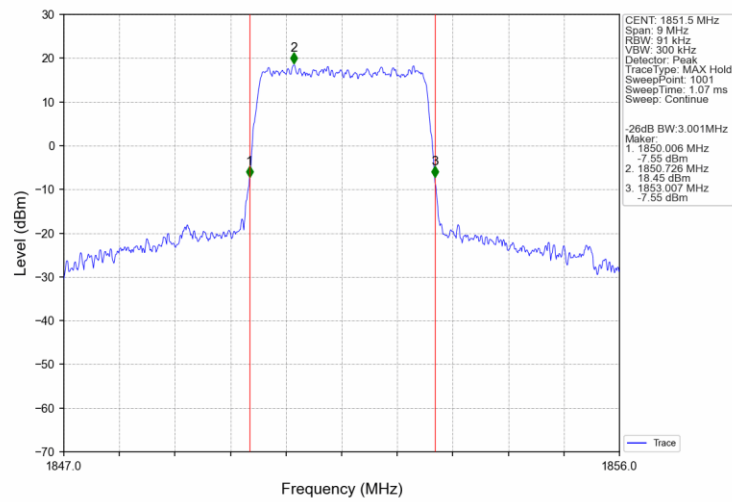
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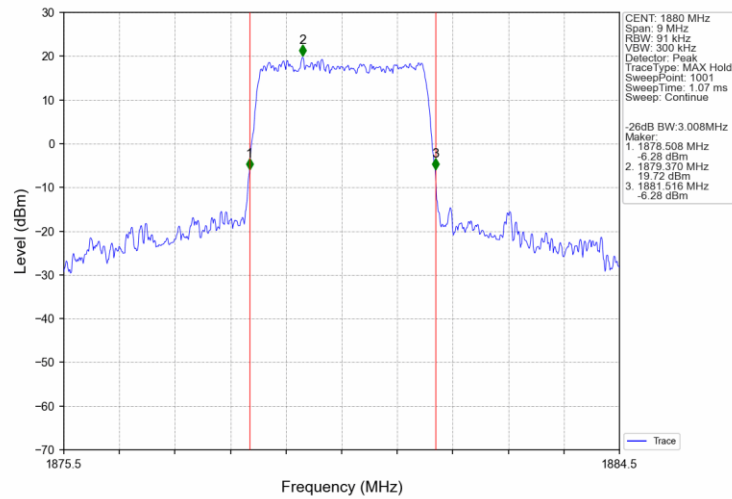
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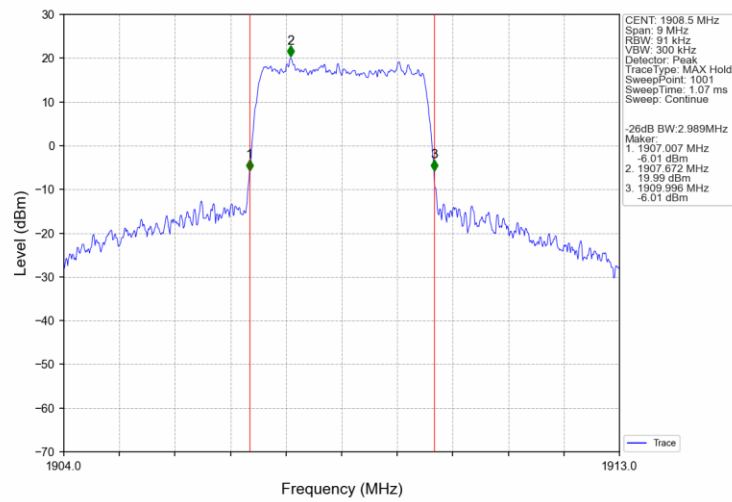
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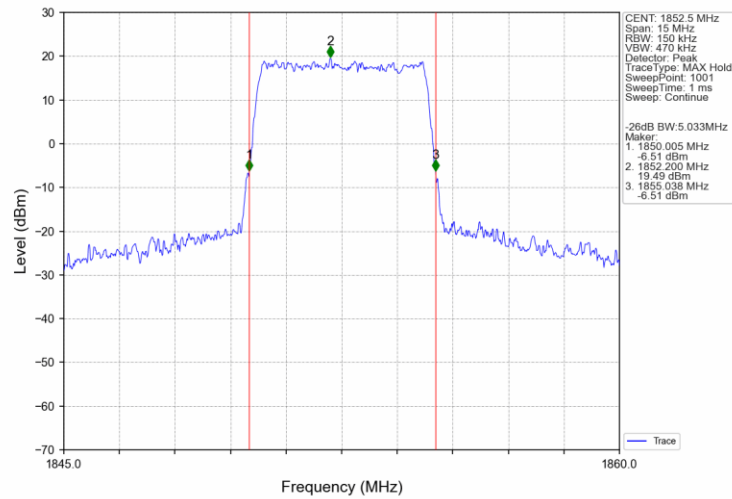
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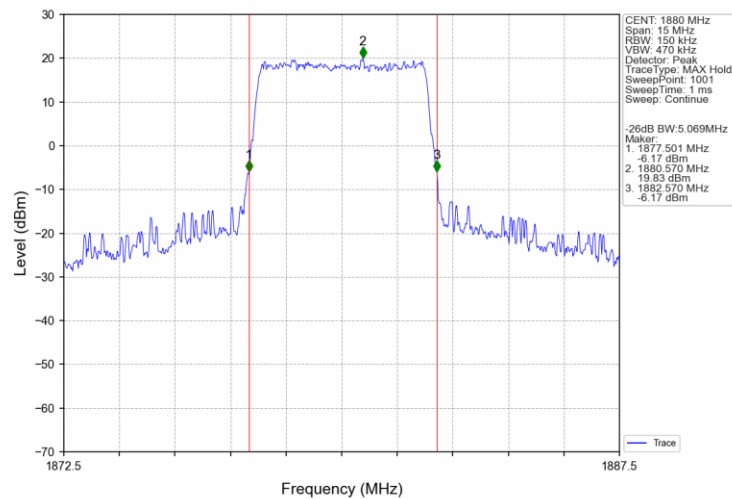
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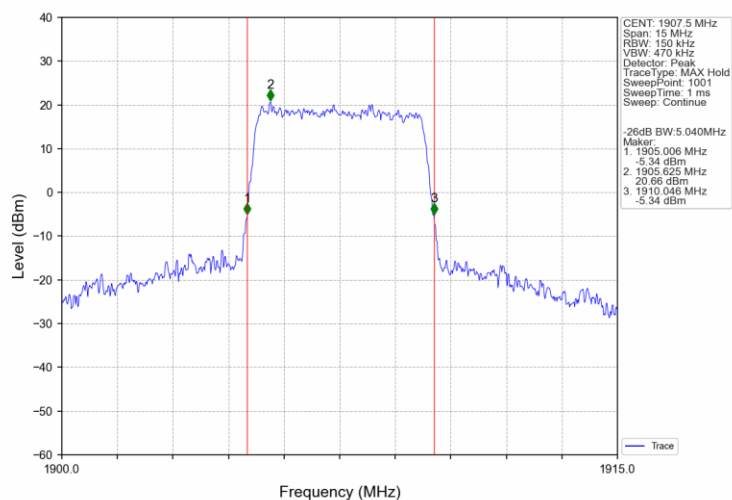
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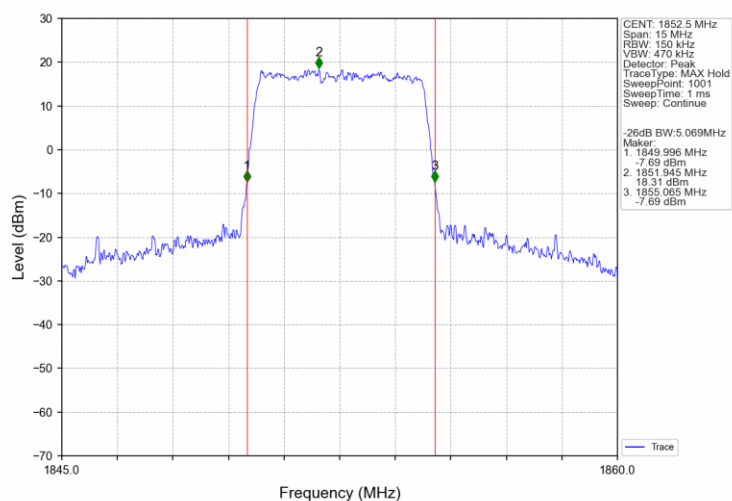
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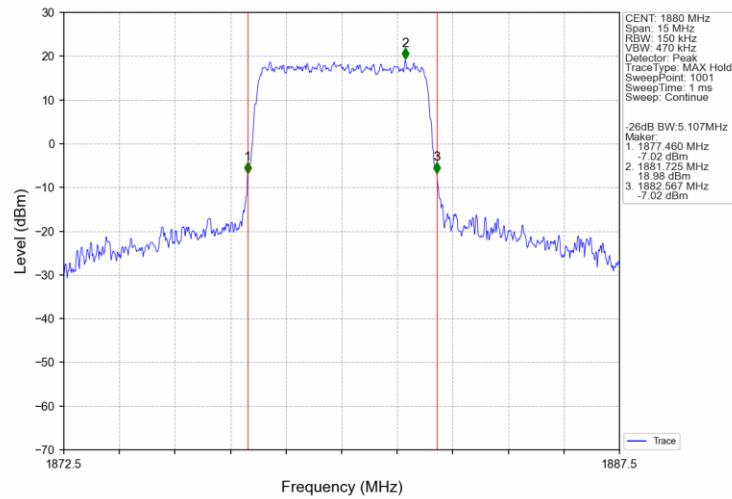
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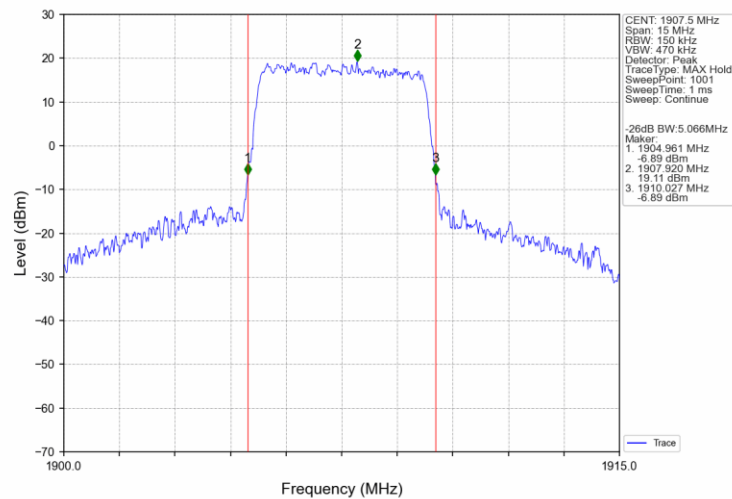
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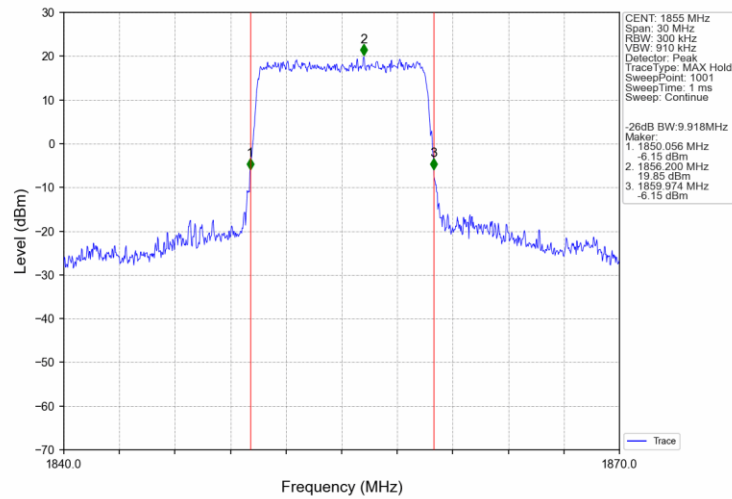
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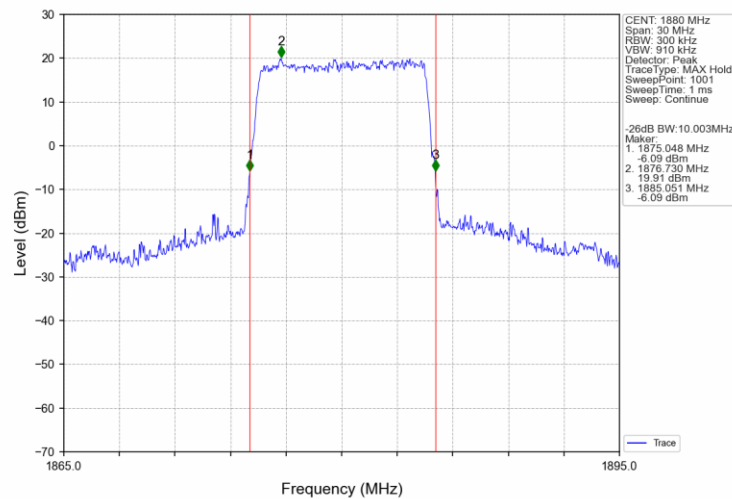
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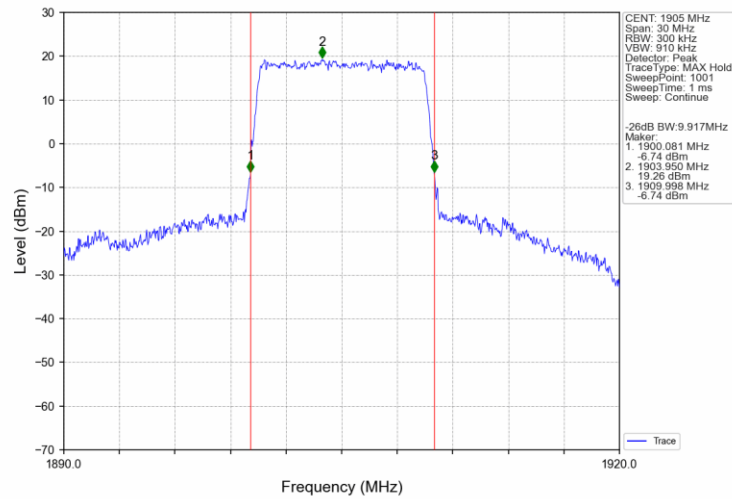
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Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

