

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	23.08	2.77	25.85	<=33.01	Pass
			2	23.12	2.77	25.89	<=33.01	Pass
			5	23.08	2.77	25.85	<=33.01	Pass
		3	0	23.05	2.77	25.82	<=33.01	Pass
			2	23.08	2.77	25.85	<=33.01	Pass
			3	23.08	2.77	25.85	<=33.01	Pass
		6	0	22.07	2.77	24.84	<=33.01	Pass
	1880	1	0	22.94	2.77	25.71	<=33.01	Pass
			2	22.92	2.77	25.69	<=33.01	Pass
			5	22.89	2.77	25.66	<=33.01	Pass
		3	0	22.94	2.77	25.71	<=33.01	Pass
			2	22.91	2.77	25.68	<=33.01	Pass
			3	22.90	2.77	25.67	<=33.01	Pass
		6	0	21.95	2.77	24.72	<=33.01	Pass
	1909.3	1	0	22.84	2.77	25.61	<=33.01	Pass
			2	22.82	2.77	25.59	<=33.01	Pass
			5	22.83	2.77	25.60	<=33.01	Pass
		3	0	22.94	2.77	25.71	<=33.01	Pass
			2	22.96	2.77	25.73	<=33.01	Pass
			3	22.94	2.77	25.71	<=33.01	Pass
		6	0	21.90	2.77	24.67	<=33.01	Pass
16QAM	1850.7	1	0	22.12	2.77	24.89	<=33.01	Pass
			2	22.17	2.77	24.94	<=33.01	Pass
			5	22.17	2.77	24.94	<=33.01	Pass
		3	0	22.08	2.77	24.85	<=33.01	Pass
			2	22.05	2.77	24.82	<=33.01	Pass
			3	22.05	2.77	24.82	<=33.01	Pass
		6	0	21.16	2.77	23.93	<=33.01	Pass
	1880	1	0	22.30	2.77	25.07	<=33.01	Pass
			2	22.30	2.77	25.07	<=33.01	Pass
			5	22.27	2.77	25.04	<=33.01	Pass
		3	0	22.05	2.77	24.82	<=33.01	Pass
			2	22.02	2.77	24.79	<=33.01	Pass
			3	22.03	2.77	24.80	<=33.01	Pass
		6	0	20.92	2.77	23.69	<=33.01	Pass
	1909.3	1	0	22.03	2.77	24.80	<=33.01	Pass
			2	22.06	2.77	24.83	<=33.01	Pass
			5	22.06	2.77	24.83	<=33.01	Pass
		3	0	22.00	2.77	24.77	<=33.01	Pass
			2	22.00	2.77	24.77	<=33.01	Pass
			3	22.01	2.77	24.78	<=33.01	Pass
		6	0	20.88	2.77	23.65	<=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	23.04	2.77	25.81	<=33.01	Pass
			7	23.07	2.77	25.84	<=33.01	Pass
			14	23.08	2.77	25.85	<=33.01	Pass
		8	0	22.07	2.77	24.84	<=33.01	Pass
			4	22.08	2.77	24.85	<=33.01	Pass
			7	22.03	2.77	24.80	<=33.01	Pass
		15	0	22.06	2.77	24.83	<=33.01	Pass
	1880	1	0	23.01	2.77	25.78	<=33.01	Pass
			7	23.04	2.77	25.81	<=33.01	Pass
			14	23.01	2.77	25.78	<=33.01	Pass
		8	0	21.97	2.77	24.74	<=33.01	Pass
			4	21.94	2.77	24.71	<=33.01	Pass
			7	21.94	2.77	24.71	<=33.01	Pass
		15	0	21.94	2.77	24.71	<=33.01	Pass
	1908.5	1	0	22.84	2.77	25.61	<=33.01	Pass
			7	22.84	2.77	25.61	<=33.01	Pass
			14	22.83	2.77	25.60	<=33.01	Pass
		8	0	21.91	2.77	24.68	<=33.01	Pass
			4	21.91	2.77	24.68	<=33.01	Pass
			7	21.95	2.77	24.72	<=33.01	Pass
		15	0	21.91	2.77	24.68	<=33.01	Pass
16QAM	1851.5	1	0	22.30	2.77	25.07	<=33.01	Pass
			7	22.31	2.77	25.08	<=33.01	Pass
			14	22.28	2.77	25.05	<=33.01	Pass
		8	0	21.11	2.77	23.88	<=33.01	Pass
			4	21.05	2.77	23.82	<=33.01	Pass
			7	21.09	2.77	23.86	<=33.01	Pass
		15	0	21.07	2.77	23.84	<=33.01	Pass
	1880	1	0	22.10	2.77	24.87	<=33.01	Pass
			7	22.08	2.77	24.85	<=33.01	Pass
			14	22.01	2.77	24.78	<=33.01	Pass
		8	0	21.14	2.77	23.91	<=33.01	Pass
			4	21.11	2.77	23.88	<=33.01	Pass
			7	21.11	2.77	23.88	<=33.01	Pass
		15	0	20.99	2.77	23.76	<=33.01	Pass
	1908.5	1	0	22.01	2.77	24.78	<=33.01	Pass
			7	22.09	2.77	24.86	<=33.01	Pass
			14	22.06	2.77	24.83	<=33.01	Pass
		8	0	21.08	2.77	23.85	<=33.01	Pass
			4	21.12	2.77	23.89	<=33.01	Pass
			7	21.14	2.77	23.91	<=33.01	Pass
		15	0	20.97	2.77	23.74	<=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	23.15	2.77	25.92	<=33.01	Pass
			13	23.15	2.77	25.92	<=33.01	Pass
			24	23.18	2.77	25.95	<=33.01	Pass
		12	0	22.01	2.77	24.78	<=33.01	Pass
			6	22.06	2.77	24.83	<=33.01	Pass
			13	22.06	2.77	24.83	<=33.01	Pass
		25	0	22.06	2.77	24.83	<=33.01	Pass
	1880	1	0	23.05	2.77	25.82	<=33.01	Pass
			13	22.98	2.77	25.75	<=33.01	Pass
			24	23.02	2.77	25.79	<=33.01	Pass
		12	0	21.97	2.77	24.74	<=33.01	Pass
			6	21.96	2.77	24.73	<=33.01	Pass
			13	21.95	2.77	24.72	<=33.01	Pass
		25	0	21.99	2.77	24.76	<=33.01	Pass
	1907.5	1	0	22.95	2.77	25.72	<=33.01	Pass
			13	23.00	2.77	25.77	<=33.01	Pass
			24	23.07	2.77	25.84	<=33.01	Pass
		12	0	21.84	2.77	24.61	<=33.01	Pass
			6	21.91	2.77	24.68	<=33.01	Pass
			13	21.95	2.77	24.72	<=33.01	Pass
		25	0	21.92	2.77	24.69	<=33.01	Pass
16QAM	1852.5	1	0	22.37	2.77	25.14	<=33.01	Pass
			13	22.36	2.77	25.13	<=33.01	Pass
			24	22.40	2.77	25.17	<=33.01	Pass
		12	0	20.98	2.77	23.75	<=33.01	Pass
			6	20.99	2.77	23.76	<=33.01	Pass
			13	21.00	2.77	23.77	<=33.01	Pass
		25	0	21.08	2.77	23.85	<=33.01	Pass
	1880	1	0	22.23	2.77	25.00	<=33.01	Pass
			13	22.18	2.77	24.95	<=33.01	Pass
			24	22.15	2.77	24.92	<=33.01	Pass
		12	0	20.95	2.77	23.72	<=33.01	Pass
			6	20.91	2.77	23.68	<=33.01	Pass
			13	20.92	2.77	23.69	<=33.01	Pass
		25	0	20.97	2.77	23.74	<=33.01	Pass
	1907.5	1	0	21.99	2.77	24.76	<=33.01	Pass
			13	22.00	2.77	24.77	<=33.01	Pass
			24	22.15	2.77	24.92	<=33.01	Pass
		12	0	20.89	2.77	23.66	<=33.01	Pass
			6	20.97	2.77	23.74	<=33.01	Pass
			13	21.00	2.77	23.77	<=33.01	Pass
		25	0	20.95	2.77	23.72	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTVN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1855	1	0	23.02	2.77	25.79	<=33.01	Pass	
			25	23.07	2.77	25.84	<=33.01	Pass	
			49	23.03	2.77	25.80	<=33.01	Pass	
		25	0	22.03	2.77	24.80	<=33.01	Pass	
			13	22.06	2.77	24.83	<=33.01	Pass	
			25	22.09	2.77	24.86	<=33.01	Pass	
		50	0	22.08	2.77	24.85	<=33.01	Pass	
		1880	1	0	22.98	2.77	25.75	<=33.01	Pass
				25	22.97	2.77	25.74	<=33.01	Pass
	49			22.78	2.77	25.55	<=33.01	Pass	
	25		0	21.95	2.77	24.72	<=33.01	Pass	
			13	22.01	2.77	24.78	<=33.01	Pass	
			25	21.98	2.77	24.75	<=33.01	Pass	
	1905	50	0	21.97	2.77	24.74	<=33.01	Pass	
			1	0	22.39	2.77	25.16	<=33.01	Pass
				25	22.42	2.77	25.19	<=33.01	Pass
		49		22.43	2.77	25.20	<=33.01	Pass	
		25	0	21.86	2.77	24.63	<=33.01	Pass	
			13	21.95	2.77	24.72	<=33.01	Pass	
			25	22.08	2.77	24.85	<=33.01	Pass	
		50	0	22.00	2.77	24.77	<=33.01	Pass	
		16QAM	1855	1	0	22.25	2.77	25.02	<=33.01
	25				22.31	2.77	25.08	<=33.01	Pass
	49				22.26	2.77	25.03	<=33.01	Pass
	25			0	21.04	2.77	23.81	<=33.01	Pass
				13	21.08	2.77	23.85	<=33.01	Pass
25				21.12	2.77	23.89	<=33.01	Pass	
50	0			21.02	2.77	23.79	<=33.01	Pass	
1880	1			0	21.64	2.77	24.41	<=33.01	Pass
				25	21.62	2.77	24.39	<=33.01	Pass
			49	21.52	2.77	24.29	<=33.01	Pass	
	25		0	20.96	2.77	23.73	<=33.01	Pass	
			13	21.04	2.77	23.81	<=33.01	Pass	
			25	21.02	2.77	23.79	<=33.01	Pass	
50	0		20.95	2.77	23.72	<=33.01	Pass		
1905	1		0	21.54	2.77	24.31	<=33.01	Pass	
			25	21.61	2.77	24.38	<=33.01	Pass	
			49	21.64	2.77	24.41	<=33.01	Pass	
	25		0	20.93	2.77	23.70	<=33.01	Pass	
			13	21.01	2.77	23.78	<=33.01	Pass	
			25	21.14	2.77	23.91	<=33.01	Pass	
	50		0	21.02	2.77	23.79	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

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	22.87	2.77	25.64	<=33.01	Pass
			38	22.70	2.77	25.47	<=33.01	Pass
			74	22.53	2.77	25.30	<=33.01	Pass
		36	0	22.05	2.77	24.82	<=33.01	Pass
			18	22.09	2.77	24.86	<=33.01	Pass
			39	22.06	2.77	24.83	<=33.01	Pass
		75	0	22.09	2.77	24.86	<=33.01	Pass
	1880	1	0	22.47	2.77	25.24	<=33.01	Pass
			38	22.55	2.77	25.32	<=33.01	Pass
			74	22.39	2.77	25.16	<=33.01	Pass
		36	0	21.96	2.77	24.73	<=33.01	Pass
			18	21.96	2.77	24.73	<=33.01	Pass
			39	21.94	2.77	24.71	<=33.01	Pass
		75	0	22.01	2.77	24.78	<=33.01	Pass
	1902.5	1	0	22.25	2.77	25.02	<=33.01	Pass
			38	22.38	2.77	25.15	<=33.01	Pass
			74	22.35	2.77	25.12	<=33.01	Pass
		36	0	21.85	2.77	24.62	<=33.01	Pass
			18	21.86	2.77	24.63	<=33.01	Pass
			39	22.04	2.77	24.81	<=33.01	Pass
		75	0	21.97	2.77	24.74	<=33.01	Pass
16QAM	1857.5	1	0	22.03	2.77	24.80	<=33.01	Pass
			38	22.08	2.77	24.85	<=33.01	Pass
			74	22.01	2.77	24.78	<=33.01	Pass
		36	0	21.02	2.77	23.79	<=33.01	Pass
			18	21.05	2.77	23.82	<=33.01	Pass
			39	21.05	2.77	23.82	<=33.01	Pass
		75	0	21.04	2.77	23.81	<=33.01	Pass
	1880	1	0	21.53	2.77	24.30	<=33.01	Pass
			38	21.58	2.77	24.35	<=33.01	Pass
			74	21.41	2.77	24.18	<=33.01	Pass
		36	0	20.94	2.77	23.71	<=33.01	Pass
			18	20.96	2.77	23.73	<=33.01	Pass
			39	20.88	2.77	23.65	<=33.01	Pass
		75	0	20.95	2.77	23.72	<=33.01	Pass
	1902.5	1	0	21.48	2.77	24.25	<=33.01	Pass
			38	21.61	2.77	24.38	<=33.01	Pass
			74	21.55	2.77	24.32	<=33.01	Pass
		36	0	20.89	2.77	23.66	<=33.01	Pass
			18	20.91	2.77	23.68	<=33.01	Pass
			39	20.99	2.77	23.76	<=33.01	Pass
		75	0	20.96	2.77	23.73	<=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	22.51	2.77	25.28	<=33.01	Pass
			50	22.63	2.77	25.40	<=33.01	Pass
			99	22.48	2.77	25.25	<=33.01	Pass
		50	0	22.05	2.77	24.82	<=33.01	Pass
			25	22.13	2.77	24.90	<=33.01	Pass
			50	22.06	2.77	24.83	<=33.01	Pass
		100	0	22.04	2.77	24.81	<=33.01	Pass
			0	22.39	2.77	25.16	<=33.01	Pass
			50	22.47	2.77	25.24	<=33.01	Pass
	1880	1	99	22.26	2.77	25.03	<=33.01	Pass
			0	21.96	2.77	24.73	<=33.01	Pass
			25	21.98	2.77	24.75	<=33.01	Pass
		50	50	22.01	2.77	24.78	<=33.01	Pass
			0	21.98	2.77	24.75	<=33.01	Pass
			0	22.29	2.77	25.06	<=33.01	Pass
		1	50	22.44	2.77	25.21	<=33.01	Pass
			99	22.40	2.77	25.17	<=33.01	Pass
			0	21.99	2.77	24.76	<=33.01	Pass
	1900	50	25	21.94	2.77	24.71	<=33.01	Pass
			50	22.11	2.77	24.88	<=33.01	Pass
			0	22.05	2.77	24.82	<=33.01	Pass
16QAM	1860	1	0	21.71	2.77	24.48	<=33.01	Pass
			50	21.83	2.77	24.60	<=33.01	Pass
			99	21.73	2.77	24.50	<=33.01	Pass
		50	0	21.04	2.77	23.81	<=33.01	Pass
			25	21.10	2.77	23.87	<=33.01	Pass
			50	21.02	2.77	23.79	<=33.01	Pass
		100	0	21.03	2.77	23.80	<=33.01	Pass
			0	21.86	2.77	24.63	<=33.01	Pass
			50	21.94	2.77	24.71	<=33.01	Pass
	1880	1	99	21.72	2.77	24.49	<=33.01	Pass
			0	20.94	2.77	23.71	<=33.01	Pass
			25	20.97	2.77	23.74	<=33.01	Pass
		50	50	20.98	2.77	23.75	<=33.01	Pass
			0	20.95	2.77	23.72	<=33.01	Pass
			0	21.49	2.77	24.26	<=33.01	Pass
		1	50	21.62	2.77	24.39	<=33.01	Pass
			99	21.64	2.77	24.41	<=33.01	Pass
			0	20.97	2.77	23.74	<=33.01	Pass
	1900	50	25	20.91	2.77	23.68	<=33.01	Pass
			50	21.11	2.77	23.88	<=33.01	Pass
			0	21.06	2.77	23.83	<=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	16.522	0.0089	-2.5 to 2.5	Pass
					3.85	11.973	0.0065	-2.5 to 2.5	Pass
					4.43	4.106	0.0022	-2.5 to 2.5	Pass
				-30	3.85	15.879	0.0086	-2.5 to 2.5	Pass
				-20	3.85	12.331	0.0067	-2.5 to 2.5	Pass
				-10	3.85	10.114	0.0055	-2.5 to 2.5	Pass
				0	3.85	7.868	0.0043	-2.5 to 2.5	Pass
				10	3.85	2.232	0.0012	-2.5 to 2.5	Pass
				30	3.85	11.387	0.0062	-2.5 to 2.5	Pass
				40	3.85	5.937	0.0032	-2.5 to 2.5	Pass
				50	3.85	5.651	0.0031	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	2.561	0.0014	-2.5 to 2.5	Pass
					3.85	6.766	0.0036	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.575	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
				10	3.85	9.112	0.0048	-2.5 to 2.5	Pass
				30	3.85	8.039	0.0043	-2.5 to 2.5	Pass
				40	3.85	-6.094	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	1.688	0.0009	-2.5 to 2.5	Pass
					3.85	-4.091	-0.0021	-2.5 to 2.5	Pass
					4.43	5.794	0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				0	3.85	12.860	0.0067	-2.5 to 2.5	Pass
				10	3.85	3.662	0.0019	-2.5 to 2.5	Pass
				30	3.85	5.608	0.0029	-2.5 to 2.5	Pass
				40	3.85	4.449	0.0023	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-3.262	-0.0018	-2.5 to 2.5	Pass
					3.85	14.949	0.0081	-2.5 to 2.5	Pass
					4.43	1.988	0.0011	-2.5 to 2.5	Pass
				-30	3.85	4.377	0.0024	-2.5 to 2.5	Pass
				-20	3.85	3.362	0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.405	0.0018	-2.5 to 2.5	Pass
				0	3.85	9.098	0.0049	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.85	5.136	0.0028	-2.5 to 2.5	Pass
				40	3.85	5.808	0.0031	-2.5 to 2.5	Pass
				50	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	8.869	0.0047	-2.5 to 2.5	Pass
					3.85	5.507	0.0029	-2.5 to 2.5	Pass
					4.43	8.597	0.0046	-2.5 to 2.5	Pass
				-30	3.85	9.270	0.0049	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				-10	3.85	6.580	0.0035	-2.5 to 2.5	Pass

				0	3.85	7.639	0.0041	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0030	-2.5 to 2.5	Pass
				40	3.85	4.821	0.0026	-2.5 to 2.5	Pass
				50	3.85	10.414	0.0055	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	2.904	0.0015	-2.5 to 2.5	Pass
					3.85	2.947	0.0015	-2.5 to 2.5	Pass
					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-5.794	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				0	3.85	-7.482	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-8.168	-0.0043	-2.5 to 2.5	Pass
				40	3.85	9.155	0.0048	-2.5 to 2.5	Pass
				50	3.85	2.131	0.0011	-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	2.046	0.0011	-2.5 to 2.5	Pass
					3.85	5.822	0.0031	-2.5 to 2.5	Pass
					4.43	10.958	0.0059	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	11.959	0.0065	-2.5 to 2.5	Pass
				-10	3.85	6.022	0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				10	3.85	13.261	0.0072	-2.5 to 2.5	Pass
				30	3.85	10.285	0.0056	-2.5 to 2.5	Pass
				40	3.85	8.054	0.0043	-2.5 to 2.5	Pass
				50	3.85	9.656	0.0052	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.85	10.042	0.0053	-2.5 to 2.5	Pass
					4.43	2.975	0.0016	-2.5 to 2.5	Pass
				-30	3.85	8.411	0.0045	-2.5 to 2.5	Pass
				-20	3.85	7.582	0.0040	-2.5 to 2.5	Pass
				-10	3.85	12.159	0.0065	-2.5 to 2.5	Pass
				0	3.85	9.041	0.0048	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				30	3.85	14.133	0.0075	-2.5 to 2.5	Pass
				40	3.85	8.984	0.0048	-2.5 to 2.5	Pass
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	2.961	0.0016	-2.5 to 2.5	Pass
					3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
					4.43	2.918	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.950	0.0026	-2.5 to 2.5	Pass
				-10	3.85	5.035	0.0026	-2.5 to 2.5	Pass
				0	3.85	2.289	0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				40	3.85	7.424	0.0039	-2.5 to 2.5	Pass
				50	3.85	8.426	0.0044	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	3.891	0.0021	-2.5 to 2.5	Pass
					3.85	0.744	0.0004	-2.5 to 2.5	Pass
					4.43	9.928	0.0054	-2.5 to 2.5	Pass

				-30	3.85	11.358	0.0061	-2.5 to 2.5	Pass
				-20	3.85	6.423	0.0035	-2.5 to 2.5	Pass
				-10	3.85	11.315	0.0061	-2.5 to 2.5	Pass
				0	3.85	13.375	0.0072	-2.5 to 2.5	Pass
				10	3.85	5.608	0.0030	-2.5 to 2.5	Pass
				30	3.85	3.662	0.0020	-2.5 to 2.5	Pass
				40	3.85	10.343	0.0056	-2.5 to 2.5	Pass
				50	3.85	2.146	0.0012	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	3.033	0.0016	-2.5 to 2.5	Pass
					3.85	10.614	0.0056	-2.5 to 2.5	Pass
					4.43	9.370	0.0050	-2.5 to 2.5	Pass
				-30	3.85	-6.595	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.85	6.394	0.0034	-2.5 to 2.5	Pass
				10	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				30	3.85	12.074	0.0064	-2.5 to 2.5	Pass
				40	3.85	4.549	0.0024	-2.5 to 2.5	Pass
				50	3.85	6.595	0.0035	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	5.236	0.0027	-2.5 to 2.5	Pass
					3.85	3.362	0.0018	-2.5 to 2.5	Pass
					4.43	10.142	0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.518	0.0013	-2.5 to 2.5	Pass
				10	3.85	-4.992	-0.0026	-2.5 to 2.5	Pass
				30	3.85	3.347	0.0018	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-3.805	-0.0020	-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	2.689	0.0015	-2.5 to 2.5	Pass
					3.85	2.904	0.0016	-2.5 to 2.5	Pass
					4.43	6.480	0.0035	-2.5 to 2.5	Pass
				-30	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	7.582	0.0041	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.85	5.136	0.0028	-2.5 to 2.5	Pass
				40	3.85	3.104	0.0017	-2.5 to 2.5	Pass
				50	3.85	4.263	0.0023	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	12.345	0.0066	-2.5 to 2.5	Pass
					3.85	7.224	0.0038	-2.5 to 2.5	Pass
					4.43	1.760	0.0009	-2.5 to 2.5	Pass
				-30	3.85	6.037	0.0032	-2.5 to 2.5	Pass
				-20	3.85	10.200	0.0054	-2.5 to 2.5	Pass
				-10	3.85	7.782	0.0041	-2.5 to 2.5	Pass
				0	3.85	6.266	0.0033	-2.5 to 2.5	Pass
				10	3.85	7.997	0.0043	-2.5 to 2.5	Pass
				30	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.904	0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.27	7.567	0.0040	-2.5 to 2.5	Pass
					3.85	3.033	0.0016	-2.5 to 2.5	Pass
					4.43	3.376	0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.802	0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.279	0.0028	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	10.343	0.0054	-2.5 to 2.5	Pass
				30	3.85	5.693	0.0030	-2.5 to 2.5	Pass
				40	3.85	4.635	0.0024	-2.5 to 2.5	Pass
				50	3.85	8.297	0.0043	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	5.751	0.0031	-2.5 to 2.5	Pass
					3.85	6.180	0.0033	-2.5 to 2.5	Pass
					4.43	6.452	0.0035	-2.5 to 2.5	Pass
				-30	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.206	0.0023	-2.5 to 2.5	Pass
				-10	3.85	5.722	0.0031	-2.5 to 2.5	Pass
				0	3.85	11.644	0.0063	-2.5 to 2.5	Pass
				10	3.85	10.529	0.0057	-2.5 to 2.5	Pass
				30	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				50	3.85	8.397	0.0045	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	4.277	0.0023	-2.5 to 2.5	Pass
					3.85	1.674	0.0009	-2.5 to 2.5	Pass
					4.43	8.211	0.0044	-2.5 to 2.5	Pass
				-30	3.85	8.655	0.0046	-2.5 to 2.5	Pass
				-20	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.403	0.0013	-2.5 to 2.5	Pass
				0	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				10	3.85	5.121	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.562	0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				50	3.85	3.147	0.0017	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-1.616	-0.0008	-2.5 to 2.5	Pass
					3.85	2.217	0.0012	-2.5 to 2.5	Pass
					4.43	2.260	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				-20	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				-10	3.85	7.539	0.0040	-2.5 to 2.5	Pass
				0	3.85	6.423	0.0034	-2.5 to 2.5	Pass
				10	3.85	2.646	0.0014	-2.5 to 2.5	Pass
				30	3.85	7.868	0.0041	-2.5 to 2.5	Pass
				40	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
				50	3.85	2.360	0.0012	-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	2.389	0.0013	-2.5 to 2.5	Pass
					3.85	0.901	0.0005	-2.5 to 2.5	Pass
					4.43	2.418	0.0013	-2.5 to 2.5	Pass
				-30	3.85	7.353	0.0040	-2.5 to 2.5	Pass
				-20	3.85	14.148	0.0076	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				0	3.85	4.821	0.0026	-2.5 to 2.5	Pass
				10	3.85	2.818	0.0015	-2.5 to 2.5	Pass

				30	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				40	3.85	2.332	0.0013	-2.5 to 2.5	Pass
				50	3.85	5.622	0.0030	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	1.702	0.0009	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.001	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	7.296	0.0039	-2.5 to 2.5	Pass
					3.85	3.304	0.0018	-2.5 to 2.5	Pass
					4.43	8.426	0.0045	-2.5 to 2.5	Pass
				-30	3.85	4.663	0.0025	-2.5 to 2.5	Pass
				-20	3.85	4.334	0.0023	-2.5 to 2.5	Pass
				-10	3.85	2.189	0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				10	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				30	3.85	7.195	0.0039	-2.5 to 2.5	Pass
				40	3.85	9.298	0.0050	-2.5 to 2.5	Pass
				50	3.85	5.379	0.0029	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	0.858	0.0005	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.43	0.515	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-1.330	-0.0007	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				40	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				50	3.85	3.476	0.0018	-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	-2.446	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-4.950	-0.0026	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-1.888	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	2.017	0.0011	-2.5 to 2.5	Pass
					3.85	0.315	0.0002	-2.5 to 2.5	Pass
					4.43	1.230	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.744	0.0004	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	1.130	0.0006	-2.5 to 2.5	Pass
					3.85	2.246	0.0012	-2.5 to 2.5	Pass
					4.43	-4.134	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-5.536	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-2.561	-0.0014	-2.5 to 2.5	Pass
					3.85	1.230	0.0007	-2.5 to 2.5	Pass
					4.43	2.847	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	4.435	0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.020	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.27	-1.159	-0.0006	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
					4.43	6.537	0.0034	-2.5 to 2.5	Pass
				-30	3.85	2.918	0.0015	-2.5 to 2.5	Pass
				-20	3.85	5.794	0.0030	-2.5 to 2.5	Pass
				-10	3.85	5.450	0.0029	-2.5 to 2.5	Pass
				0	3.85	8.297	0.0044	-2.5 to 2.5	Pass
				10	3.85	7.367	0.0039	-2.5 to 2.5	Pass
				30	3.85	7.911	0.0042	-2.5 to 2.5	Pass
				40	3.85	2.332	0.0012	-2.5 to 2.5	Pass
				50	3.85	5.078	0.0027	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-0.973	-0.0005	-2.5 to 2.5	Pass
					3.85	0.515	0.0003	-2.5 to 2.5	Pass
					4.43	3.147	0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	3.676	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.561	0.0014	-2.5 to 2.5	Pass
				50	3.85	2.718	0.0015	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	5.450	0.0029	-2.5 to 2.5	Pass
					3.85	5.894	0.0031	-2.5 to 2.5	Pass
					4.43	6.237	0.0033	-2.5 to 2.5	Pass
				-30	3.85	3.505	0.0019	-2.5 to 2.5	Pass
				-20	3.85	8.111	0.0043	-2.5 to 2.5	Pass
				-10	3.85	7.138	0.0038	-2.5 to 2.5	Pass
				0	3.85	6.852	0.0036	-2.5 to 2.5	Pass
				10	3.85	4.120	0.0022	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	7.153	0.0038	-2.5 to 2.5	Pass
				50	3.85	7.339	0.0039	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	1.187	0.0006	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				10	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.516	0.0008	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-2.289	-0.0012	-2.5 to 2.5	Pass
					3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass

				30	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.702	0.0009	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	4.220	0.0022	-2.5 to 2.5	Pass
					3.85	4.864	0.0026	-2.5 to 2.5	Pass
					4.43	5.493	0.0029	-2.5 to 2.5	Pass
				-30	3.85	4.807	0.0026	-2.5 to 2.5	Pass
				-20	3.85	4.849	0.0026	-2.5 to 2.5	Pass
				-10	3.85	5.379	0.0029	-2.5 to 2.5	Pass
				0	3.85	5.136	0.0027	-2.5 to 2.5	Pass
				10	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				30	3.85	6.008	0.0032	-2.5 to 2.5	Pass
				40	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				50	3.85	1.845	0.0010	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-0.272	-0.0001	-2.5 to 2.5	Pass
					3.85	0.858	0.0005	-2.5 to 2.5	Pass
					4.43	2.661	0.0014	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.147	0.0017	-2.5 to 2.5	Pass
				40	3.85	5.579	0.0029	-2.5 to 2.5	Pass
				50	3.85	0.958	0.0005	-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

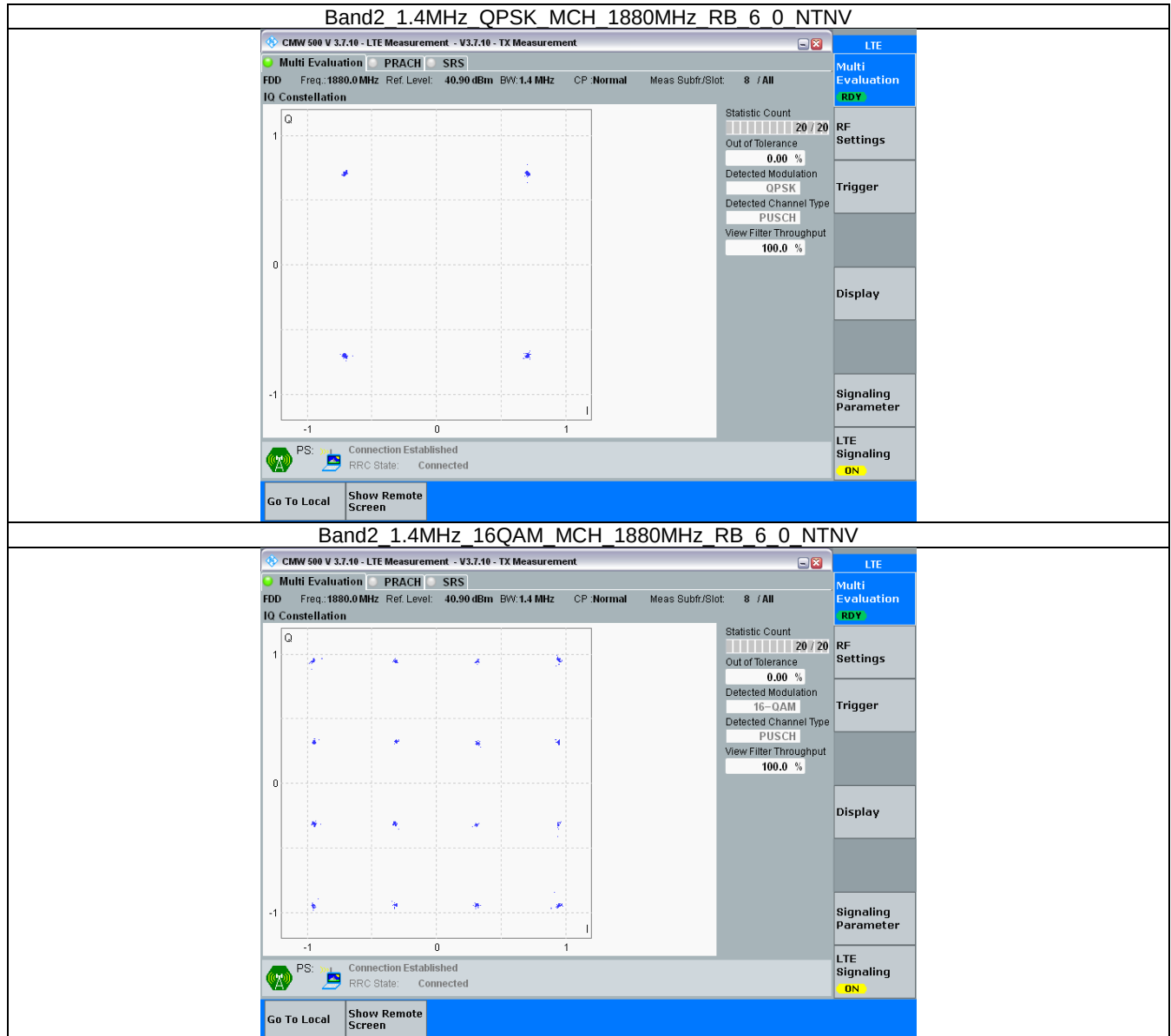
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

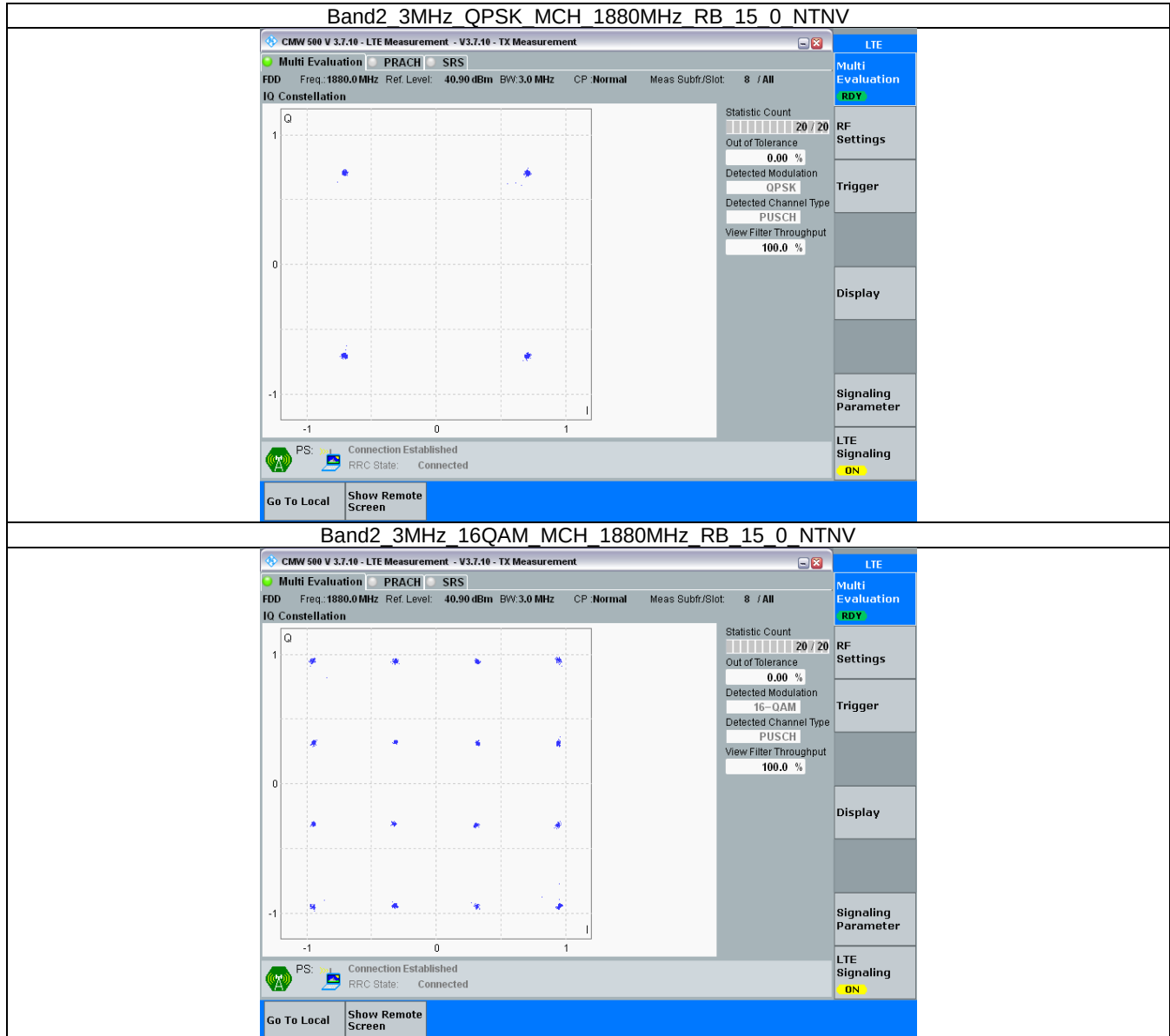
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

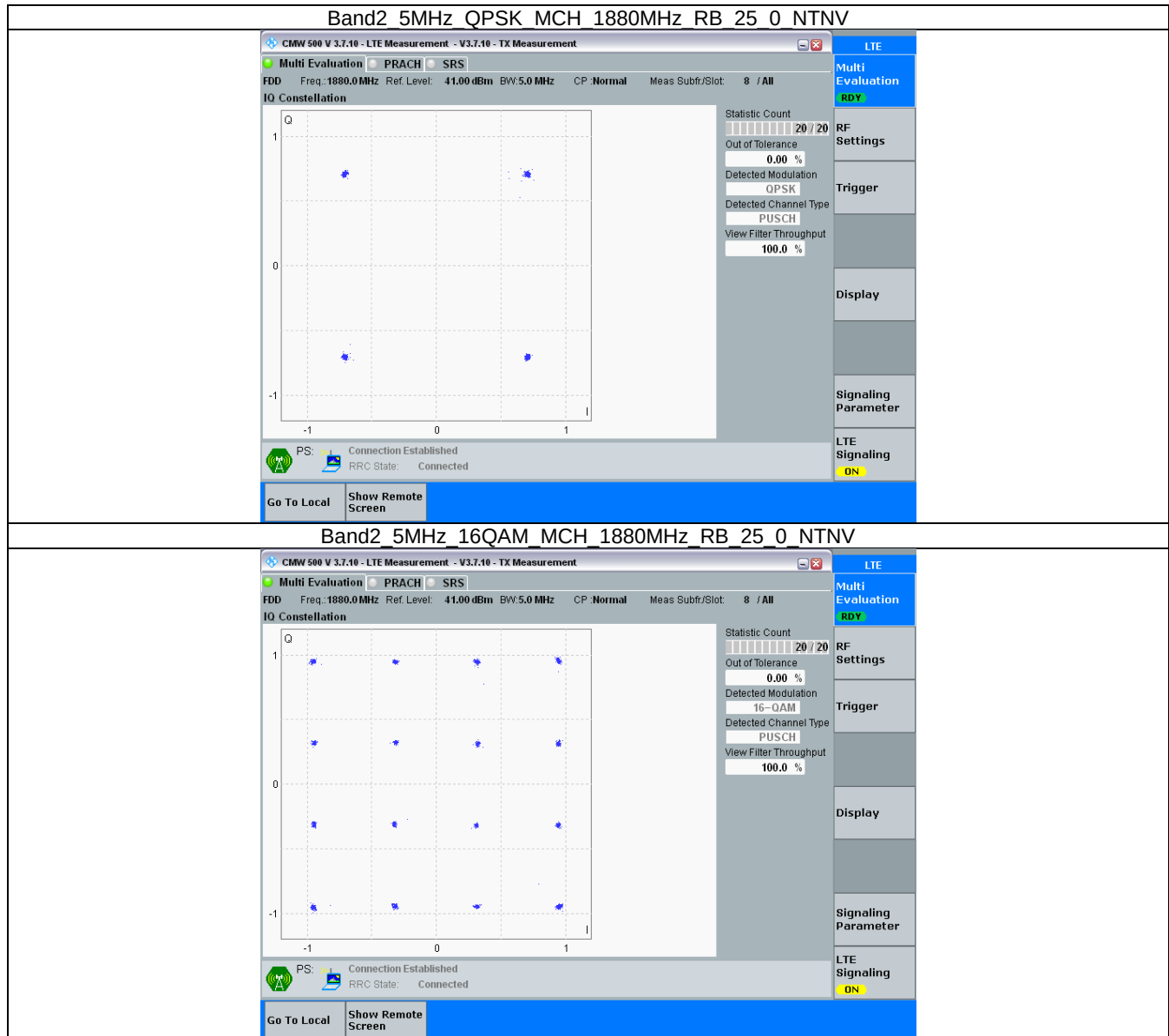
3.2.1 B2_1.4MHz



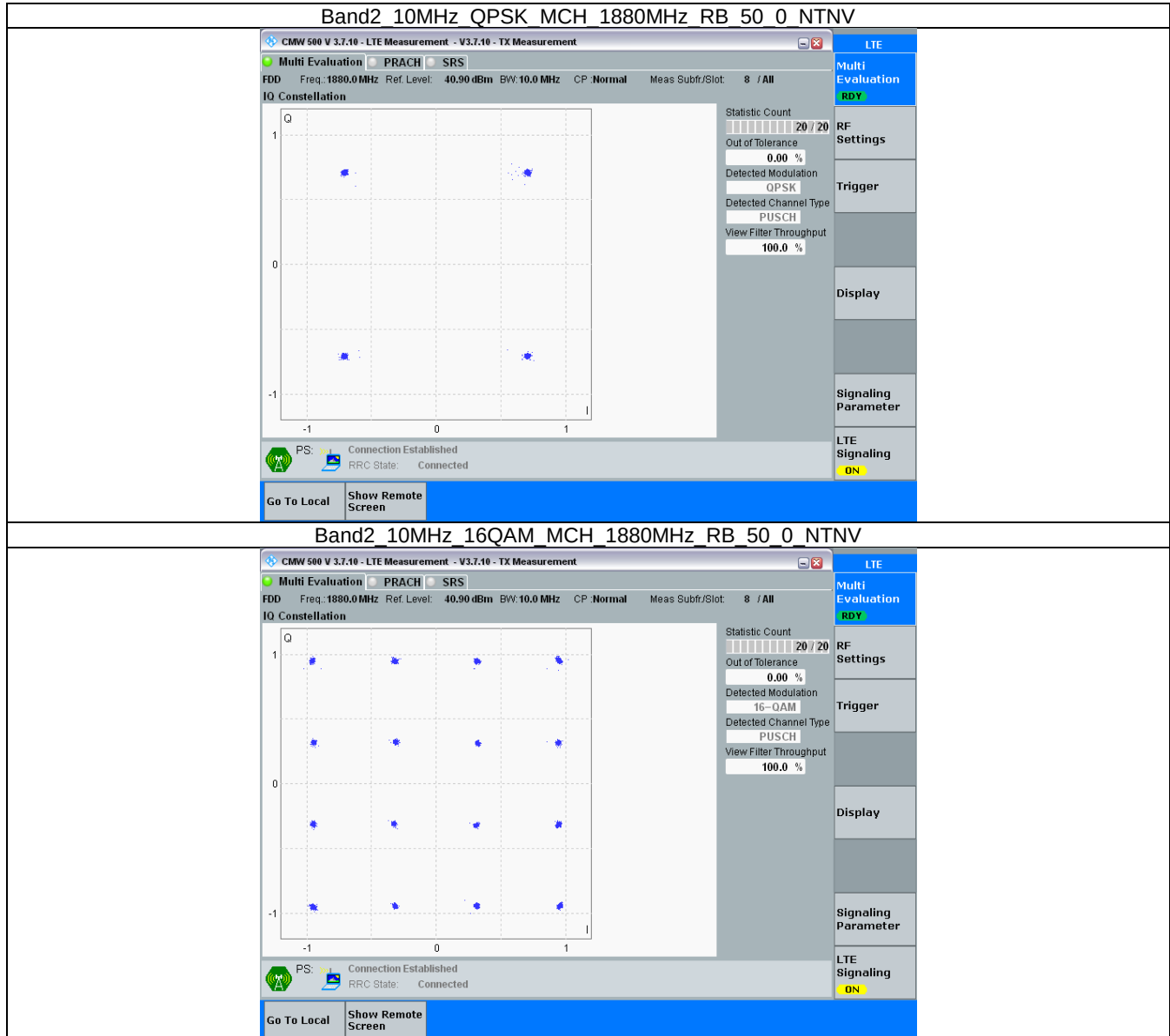
3.2.2 B2_3MHz



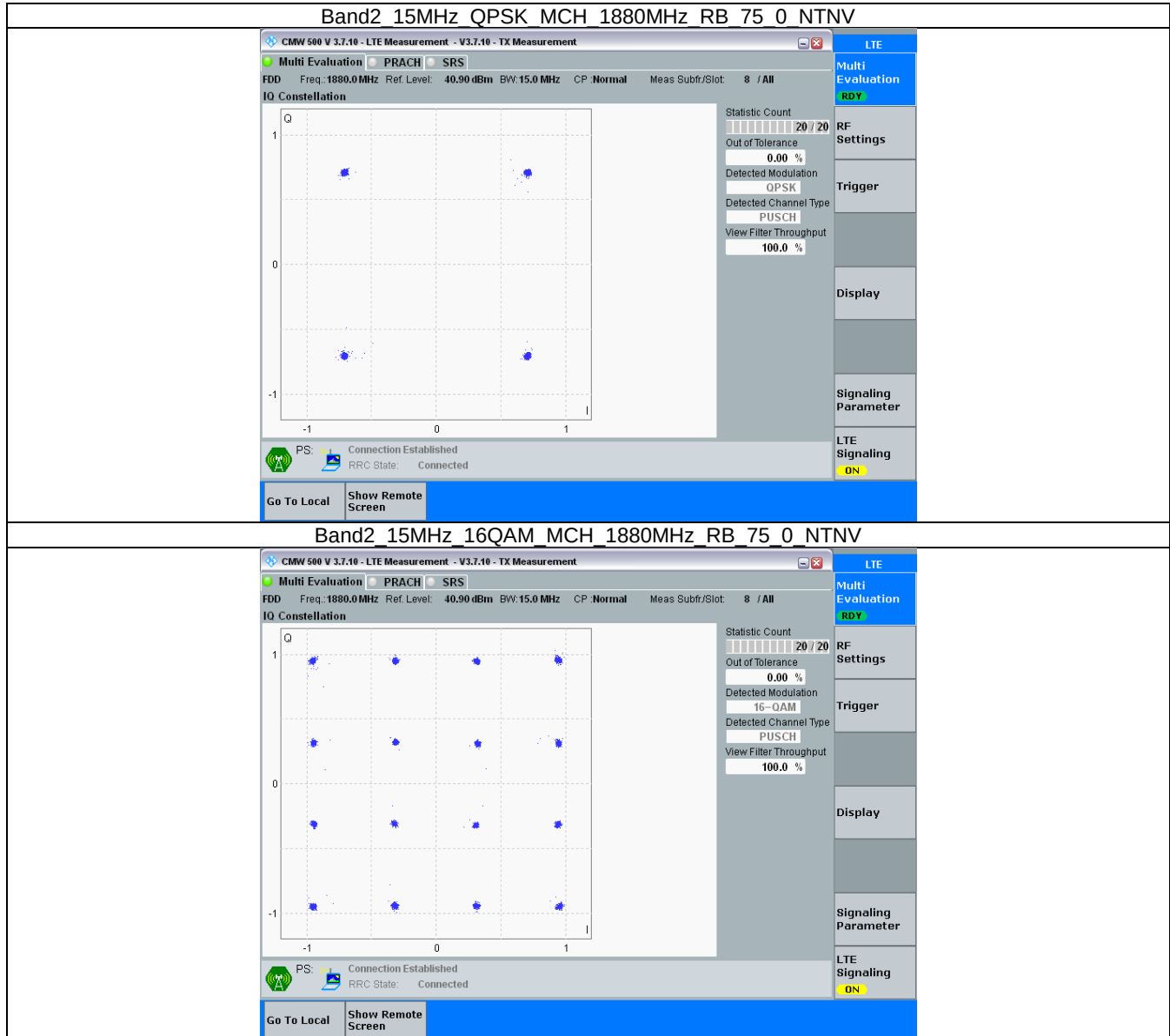
3.2.3 B2_5MHz



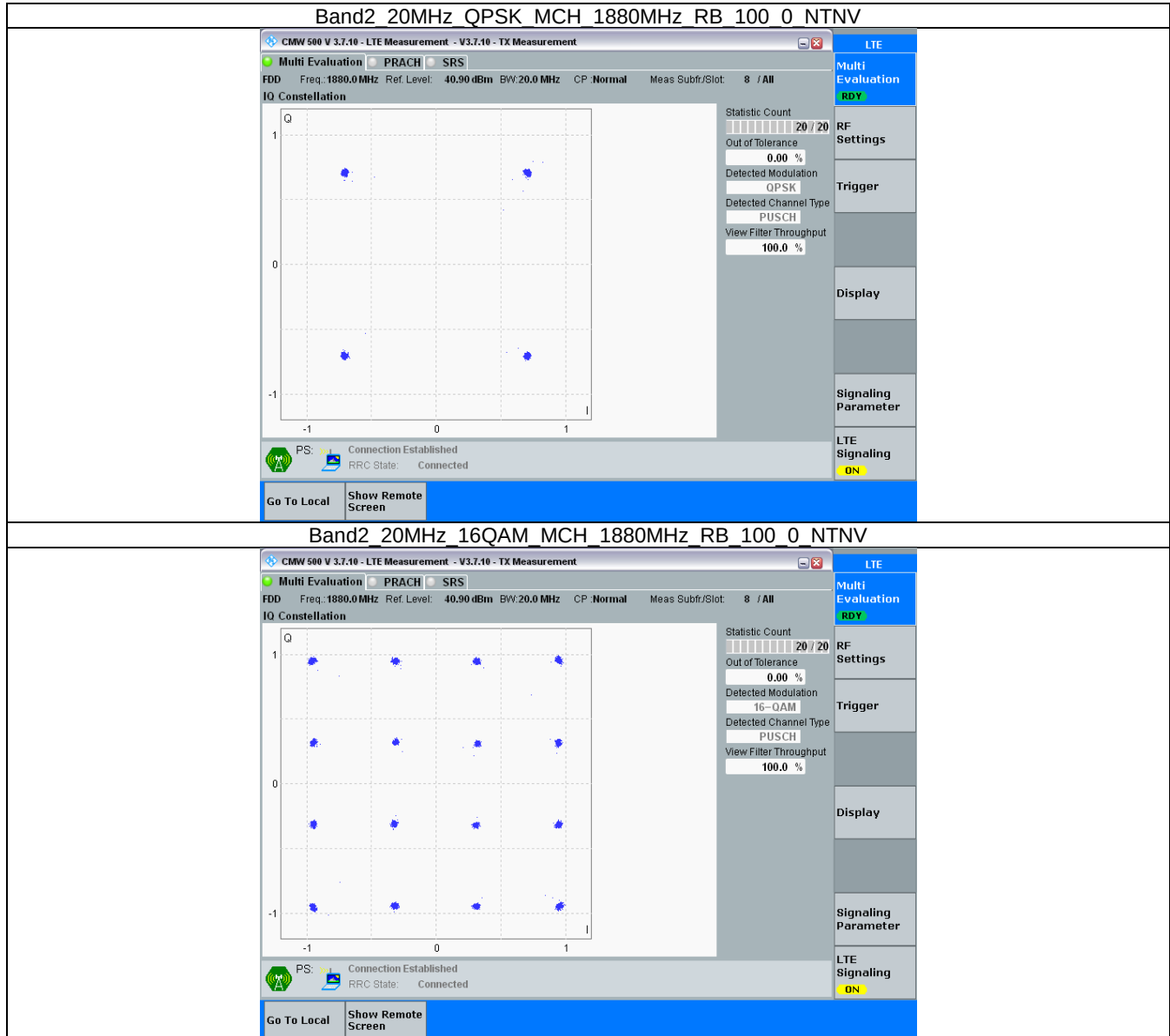
3.2.4 B2_10MHz



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	1.083	/	Pass
		1880	6	0	1.094	/	Pass
		1909.3	6	0	1.086	/	Pass
	16QAM	1850.7	6	0	1.087	/	Pass
		1880	6	0	1.089	/	Pass
		1909.3	6	0	1.084	/	Pass
3	QPSK	1851.5	15	0	2.680	/	Pass
		1880	15	0	2.685	/	Pass
		1908.5	15	0	2.685	/	Pass
	16QAM	1851.5	15	0	2.682	/	Pass
		1880	15	0	2.683	/	Pass
		1908.5	15	0	2.683	/	Pass
5	QPSK	1852.5	25	0	4.506	/	Pass
		1880	25	0	4.511	/	Pass
		1907.5	25	0	4.523	/	Pass
	16QAM	1852.5	25	0	4.505	/	Pass
		1880	25	0	4.510	/	Pass
		1907.5	25	0	4.496	/	Pass
10	QPSK	1855	50	0	8.959	/	Pass
		1880	50	0	8.955	/	Pass
		1905	50	0	8.973	/	Pass
	16QAM	1855	50	0	8.935	/	Pass
		1880	50	0	8.953	/	Pass
		1905	50	0	8.958	/	Pass
15	QPSK	1857.5	75	0	13.442	/	Pass
		1880	75	0	13.416	/	Pass
		1902.5	75	0	13.498	/	Pass
	16QAM	1857.5	75	0	13.453	/	Pass
		1880	75	0	13.467	/	Pass
		1902.5	75	0	13.465	/	Pass
20	QPSK	1860	100	0	17.845	/	Pass
		1880	100	0	17.870	/	Pass
		1900	100	0	17.917	/	Pass
	16QAM	1860	100	0	17.853	/	Pass
		1880	100	0	17.910	/	Pass
		1900	100	0	17.925	/	Pass

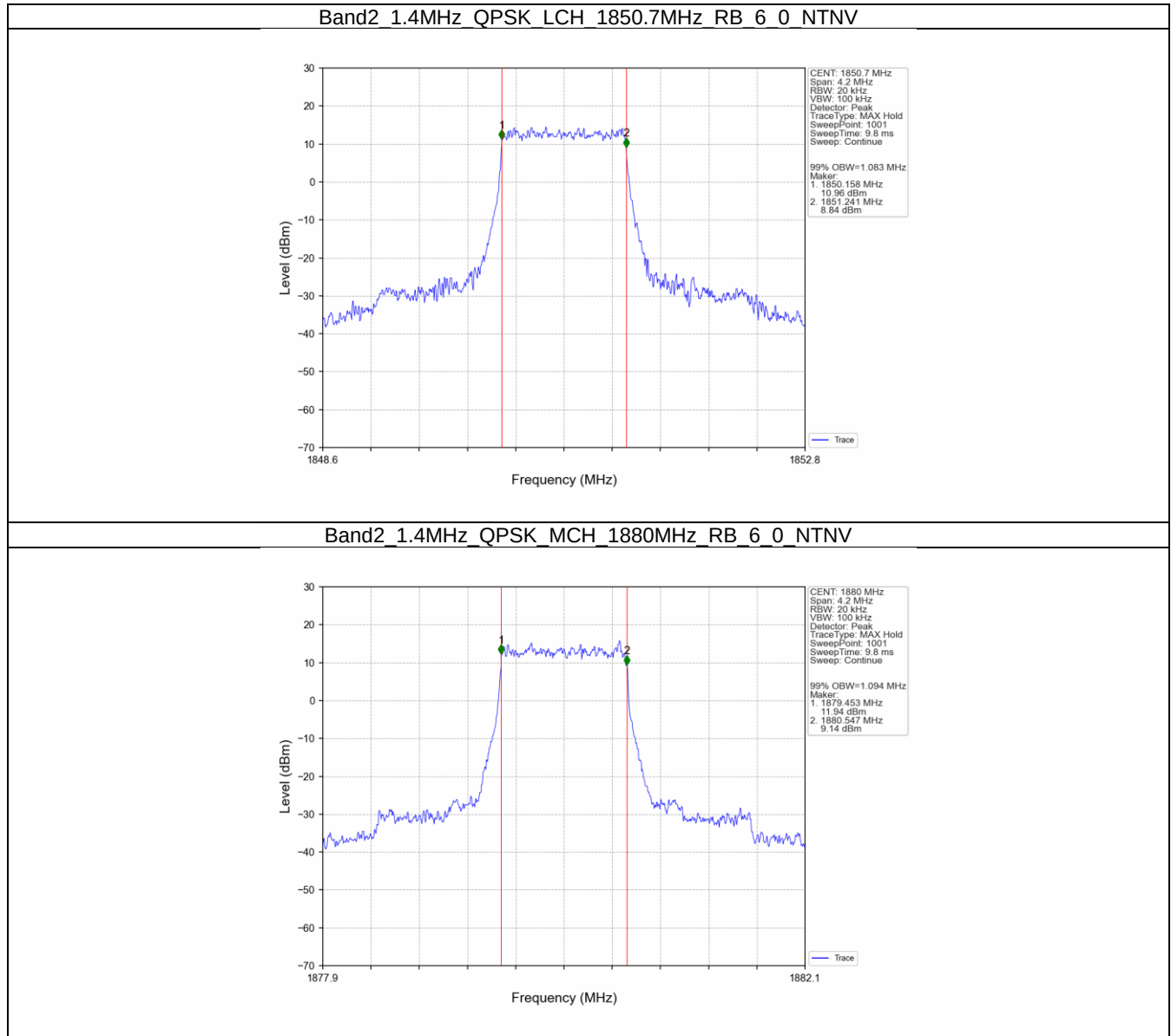
4.1.2 Band2_XDB

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	1.265	/	Pass
		1880	6	0	1.248	/	Pass
		1909.3	6	0	1.284	/	Pass
	16QAM	1850.7	6	0	1.291	/	Pass
		1880	6	0	1.272	/	Pass
		1909.3	6	0	1.249	/	Pass
3	QPSK	1851.5	15	0	2.894	/	Pass

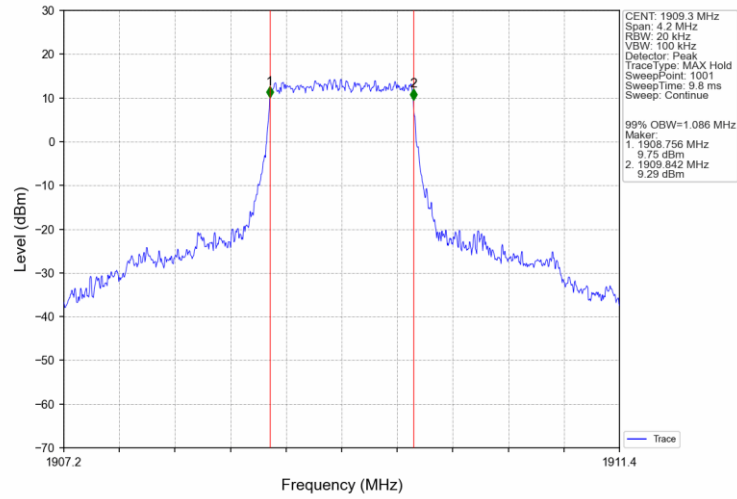
	16QAM	1880	15	0	2.866	/	Pass
		1908.5	15	0	2.890	/	Pass
		1851.5	15	0	2.890	/	Pass
		1880	15	0	2.885	/	Pass
		1908.5	15	0	2.883	/	Pass
5	QPSK	1852.5	25	0	4.919	/	Pass
		1880	25	0	5.001	/	Pass
		1907.5	25	0	4.949	/	Pass
	16QAM	1852.5	25	0	4.960	/	Pass
		1880	25	0	4.975	/	Pass
		1907.5	25	0	4.935	/	Pass
10	QPSK	1855	50	0	9.614	/	Pass
		1880	50	0	9.595	/	Pass
		1905	50	0	9.596	/	Pass
	16QAM	1855	50	0	9.579	/	Pass
		1880	50	0	9.557	/	Pass
		1905	50	0	9.582	/	Pass
15	QPSK	1857.5	75	0	14.428	/	Pass
		1880	75	0	14.492	/	Pass
		1902.5	75	0	14.642	/	Pass
	16QAM	1857.5	75	0	14.353	/	Pass
		1880	75	0	14.468	/	Pass
		1902.5	75	0	14.426	/	Pass
20	QPSK	1860	100	0	19.145	/	Pass
		1880	100	0	18.867	/	Pass
		1900	100	0	19.073	/	Pass
	16QAM	1860	100	0	19.013	/	Pass
		1880	100	0	19.121	/	Pass
		1900	100	0	19.058	/	Pass

4.2 Test Graph

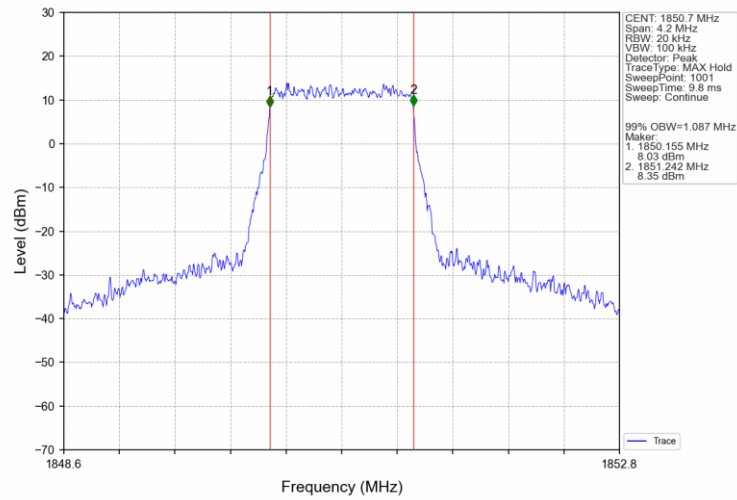
4.2.1 Band2_OBW



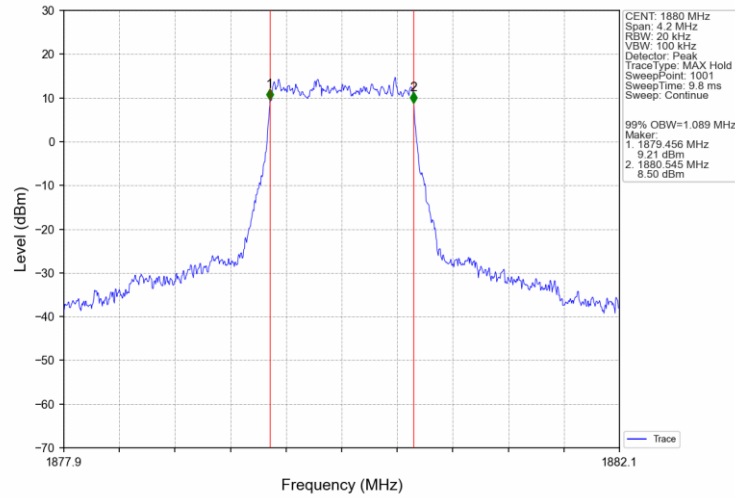
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



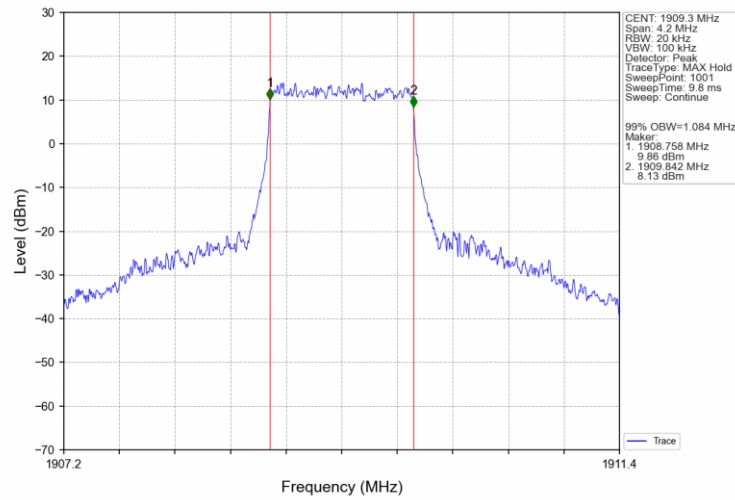
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



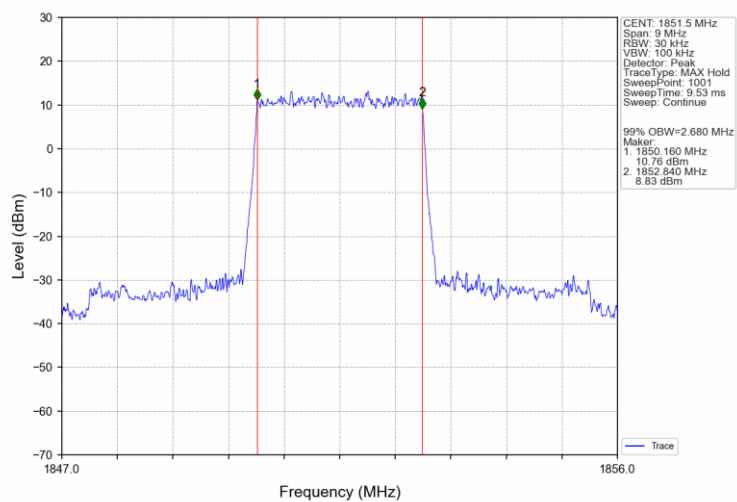
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



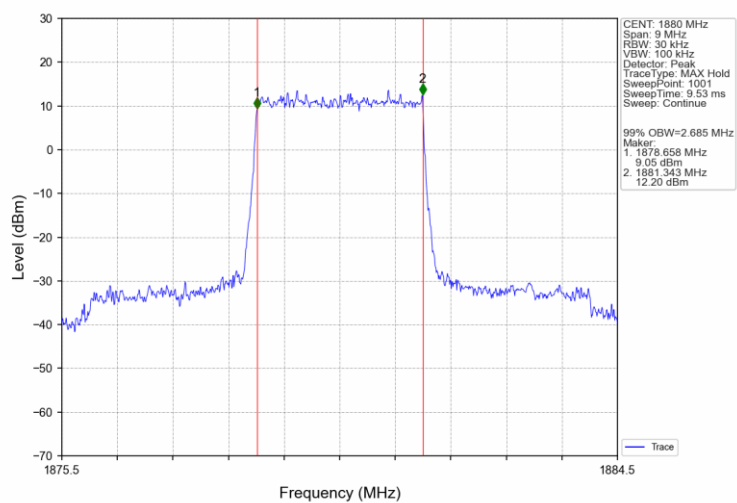
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



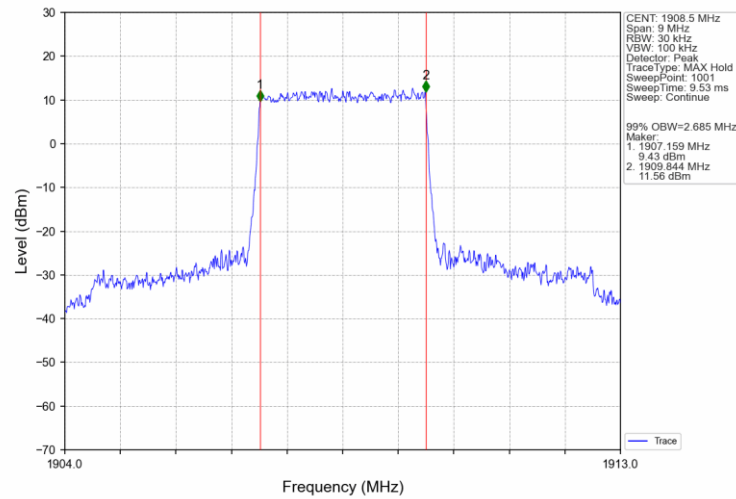
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



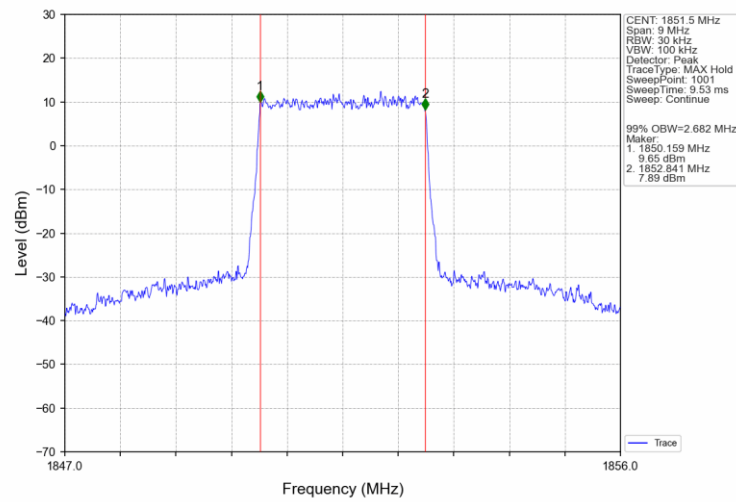
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



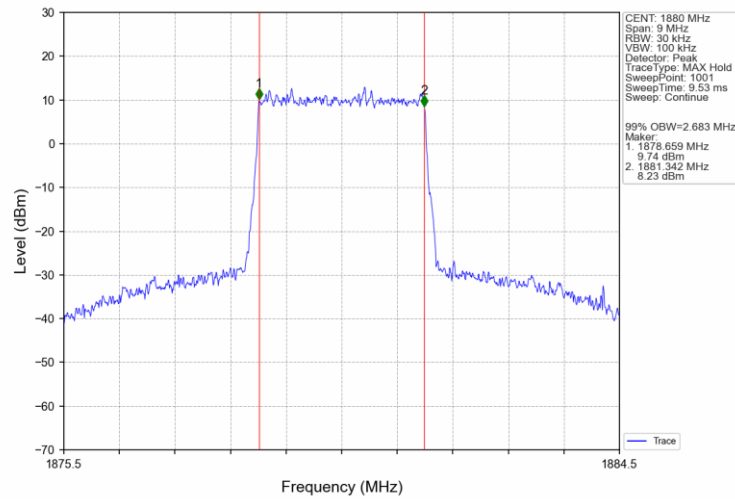
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



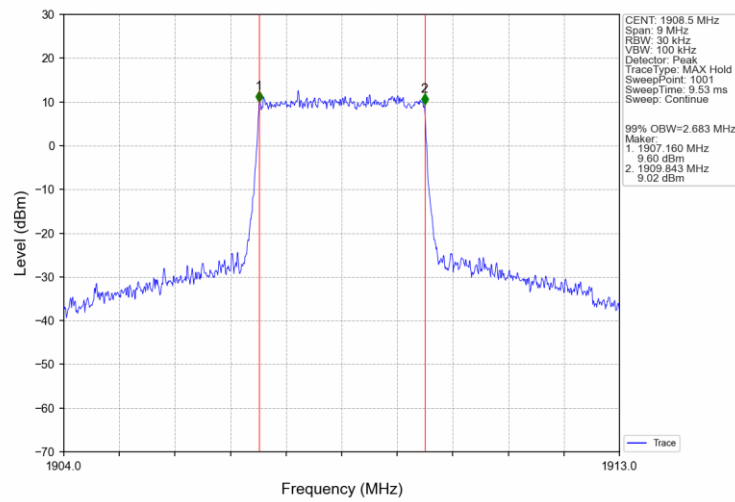
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



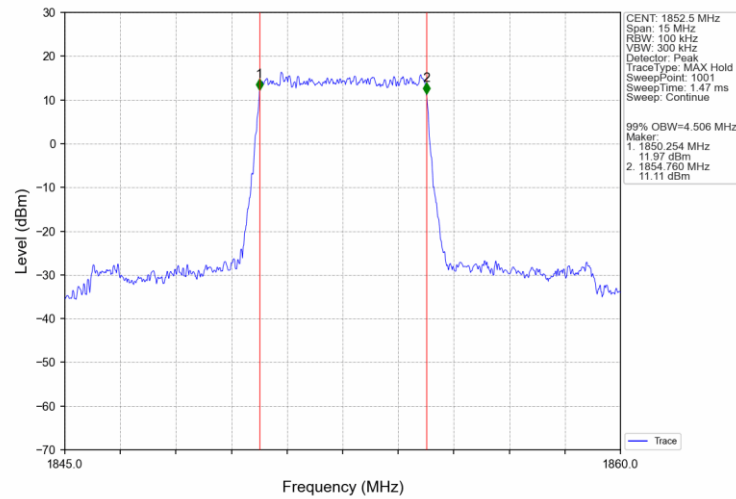
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



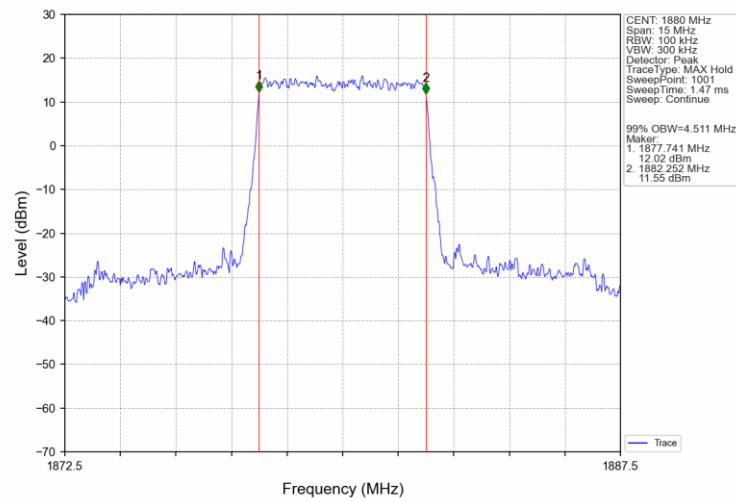
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



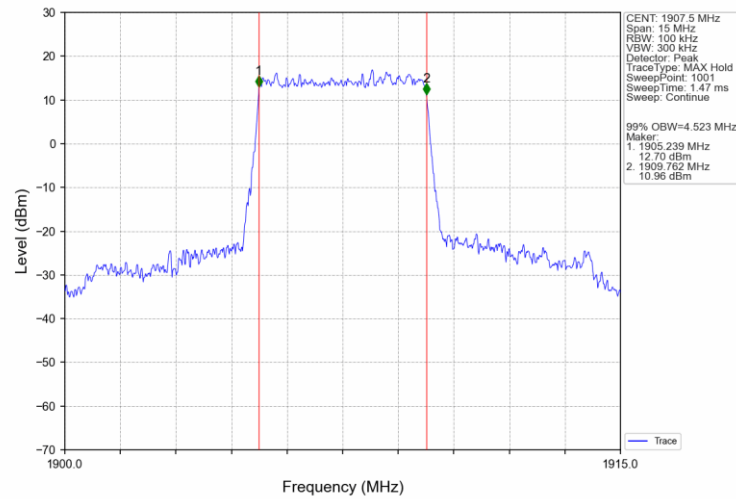
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



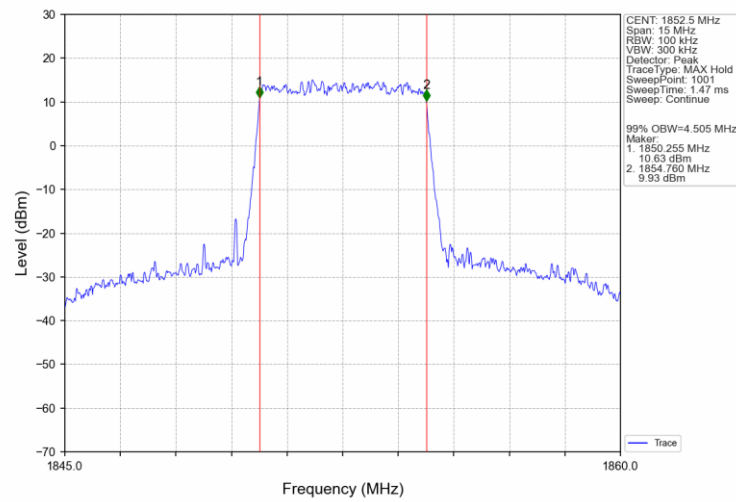
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



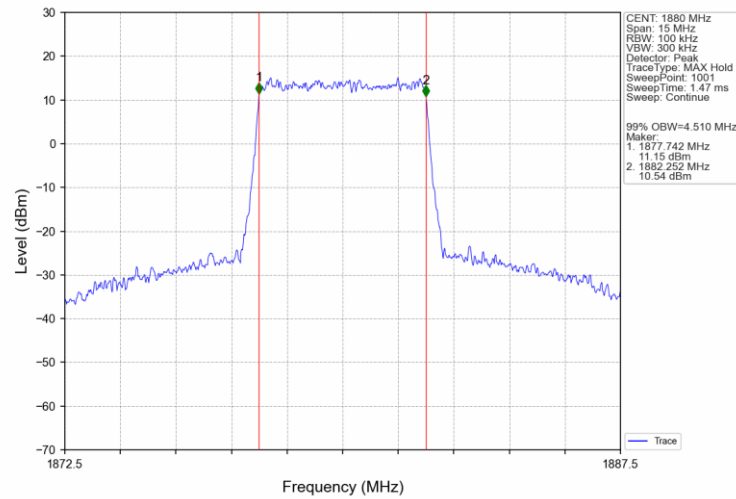
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



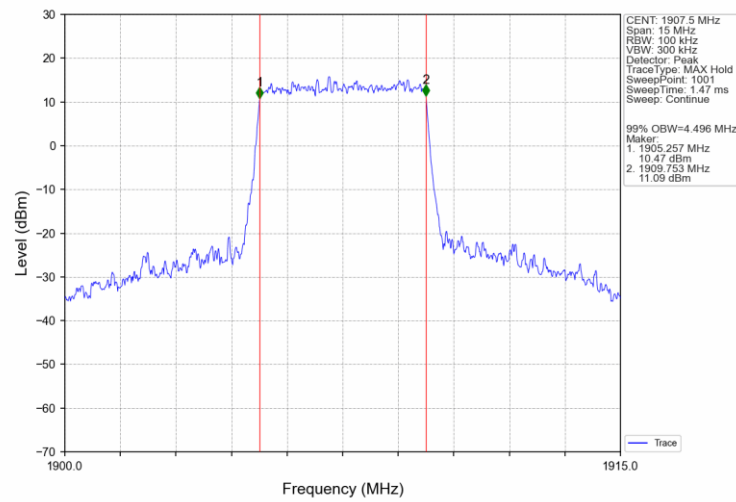
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



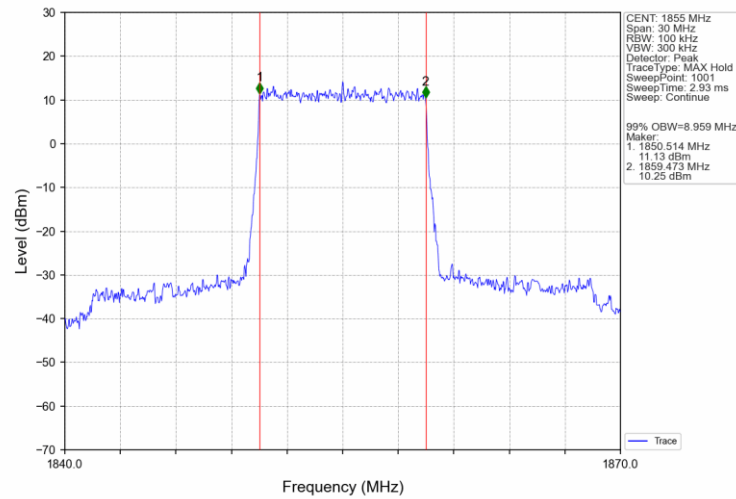
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



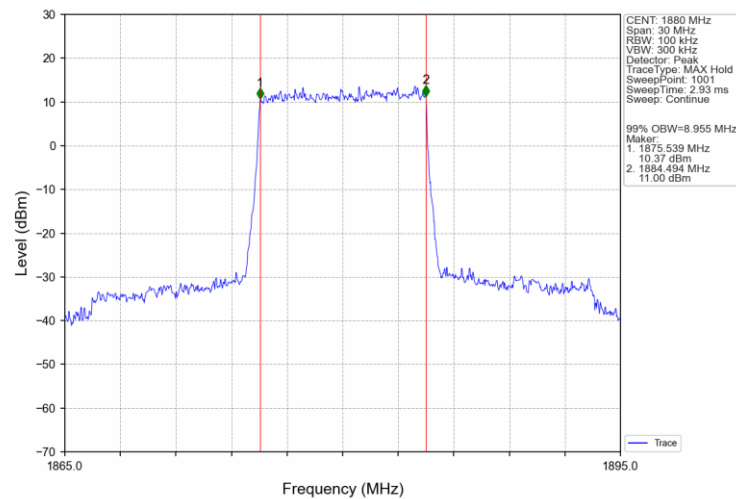
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



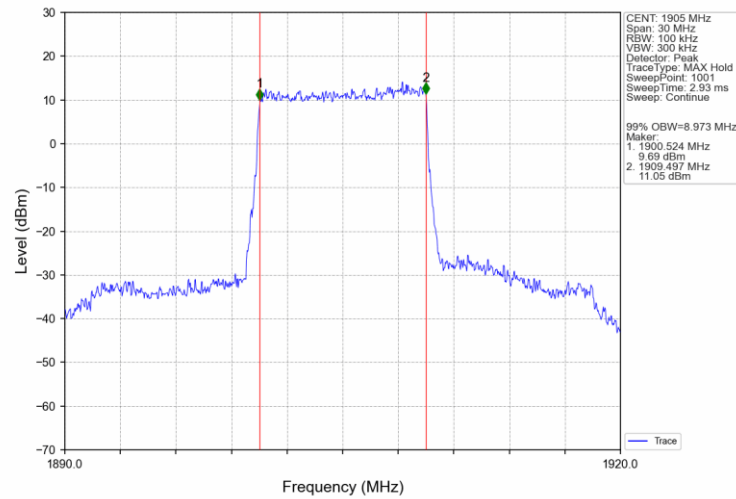
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



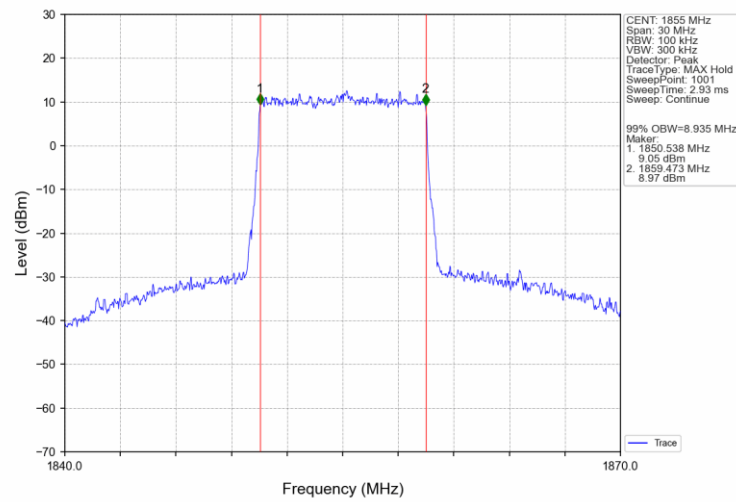
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



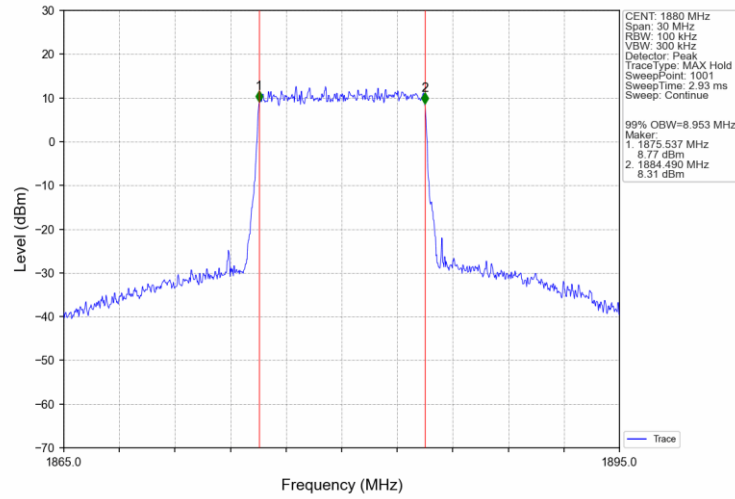
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



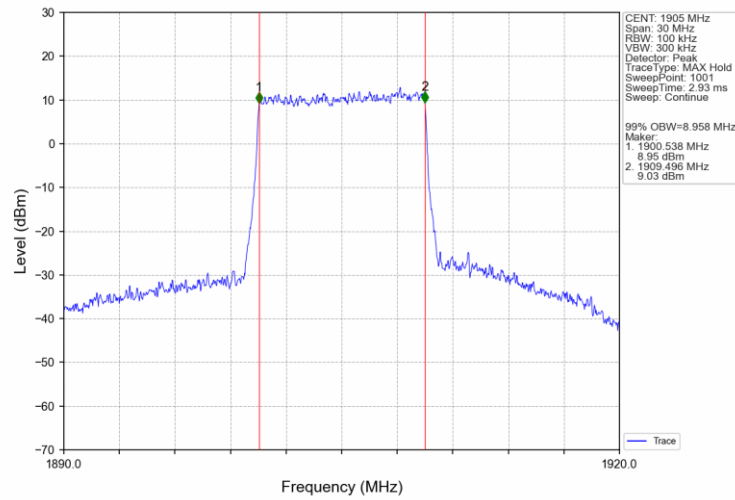
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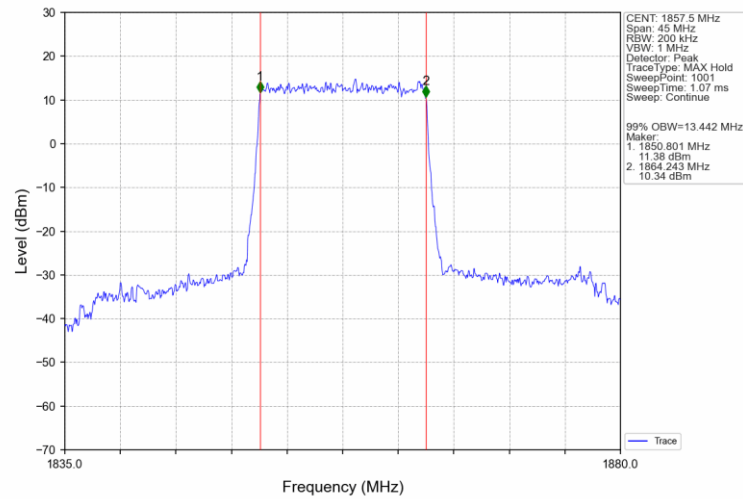
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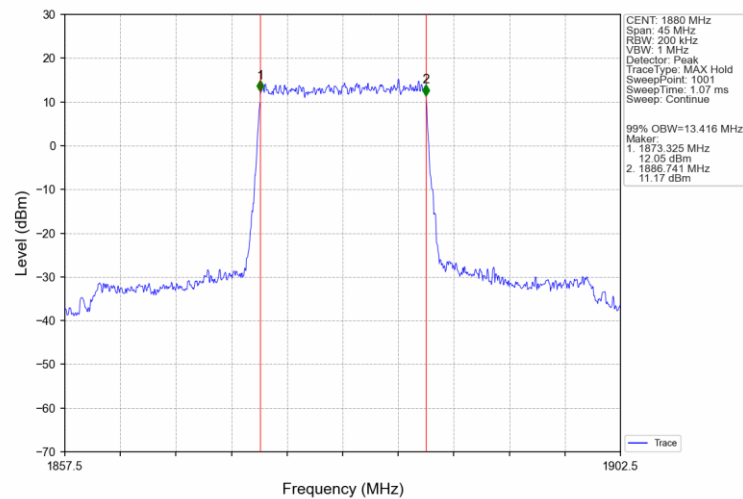
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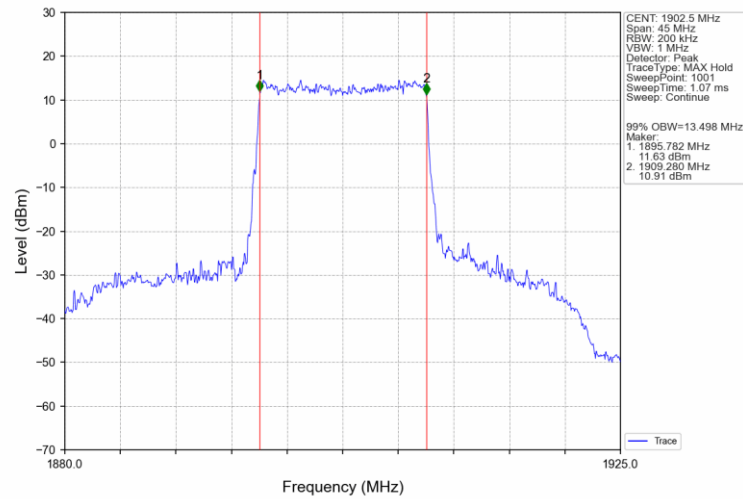
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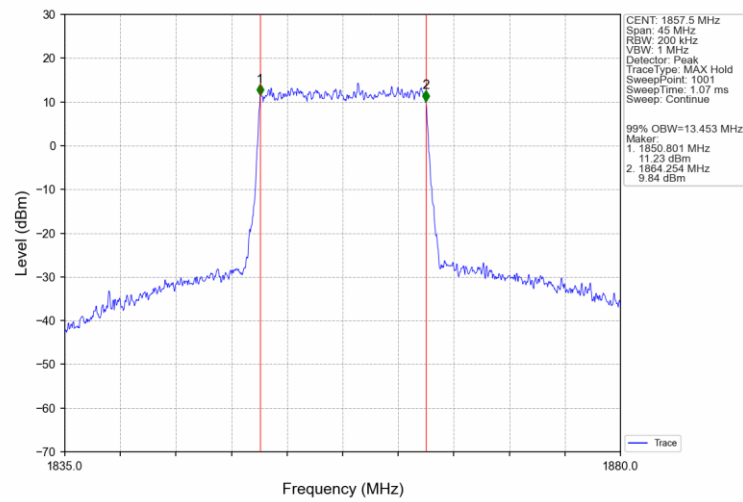
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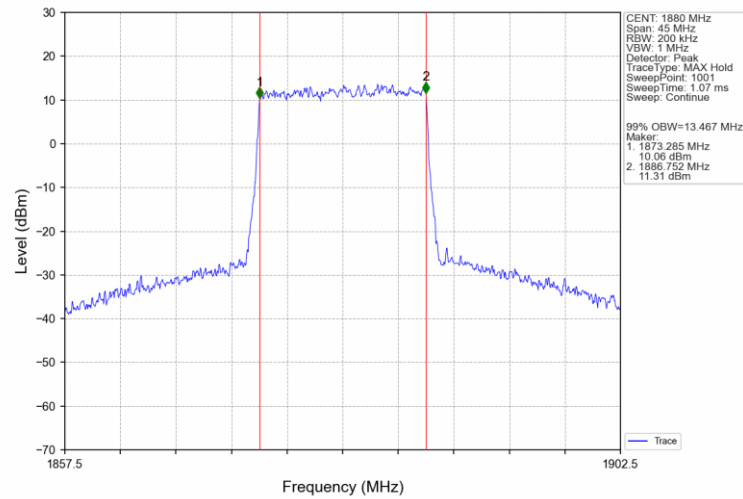
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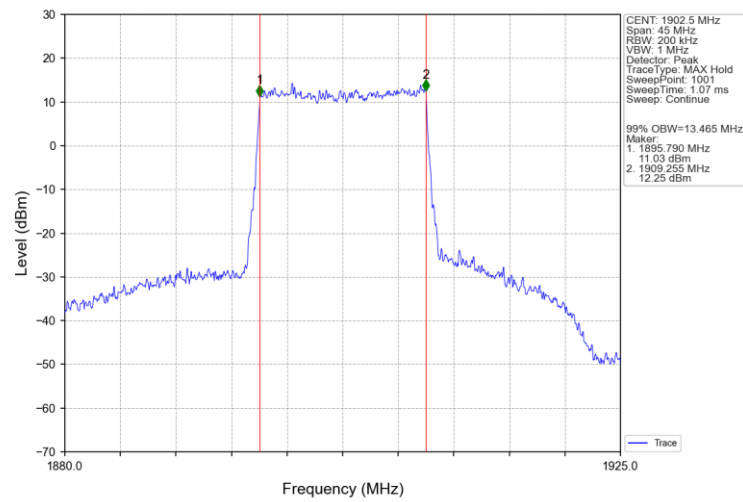
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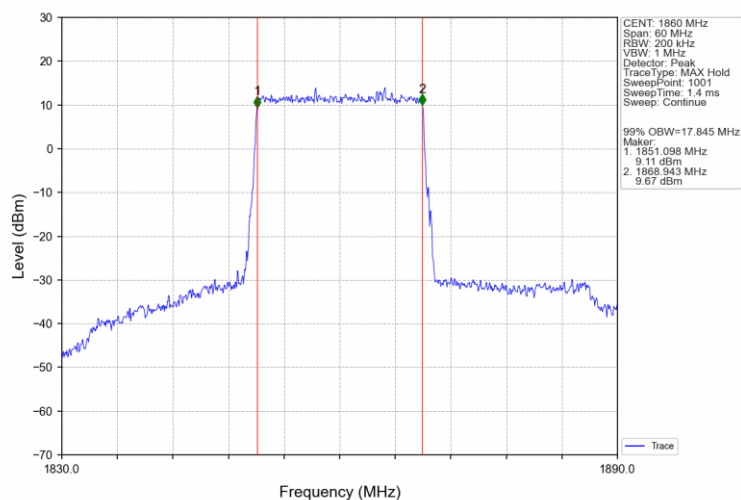
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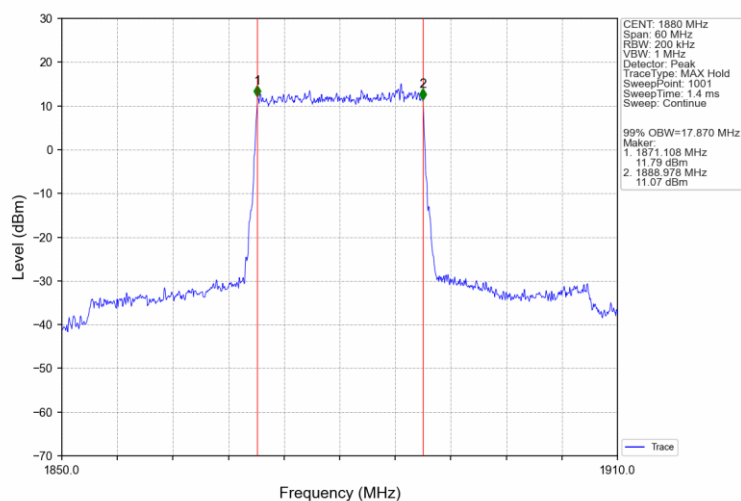
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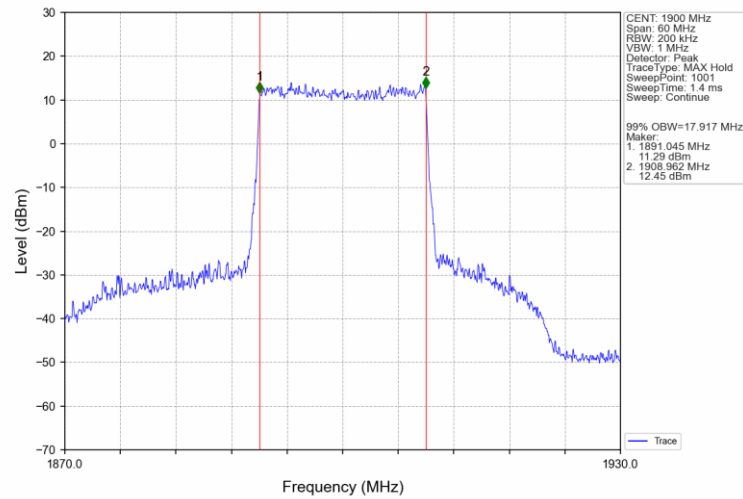
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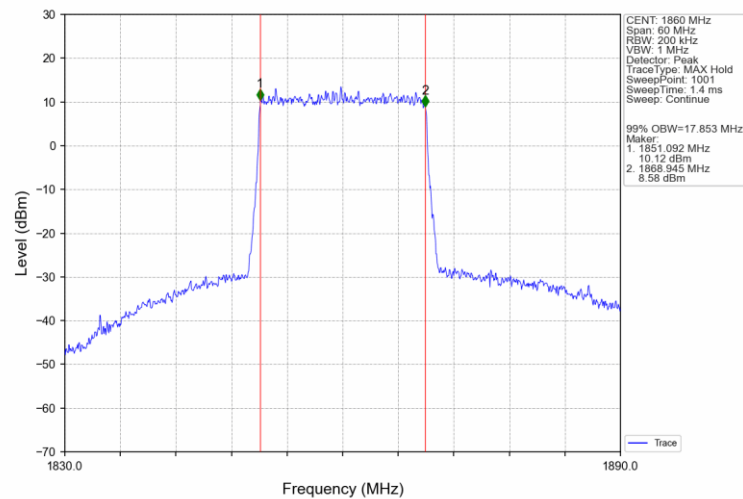
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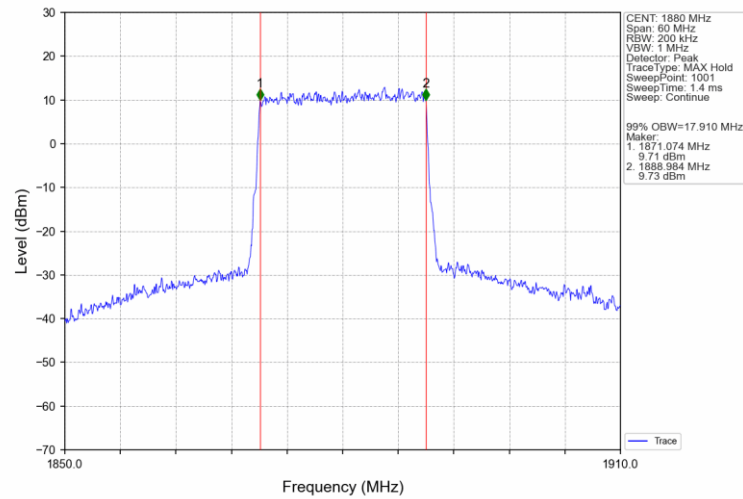
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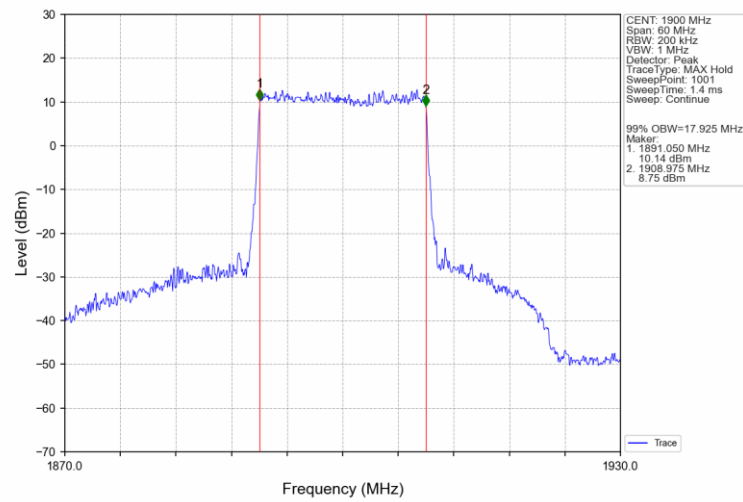
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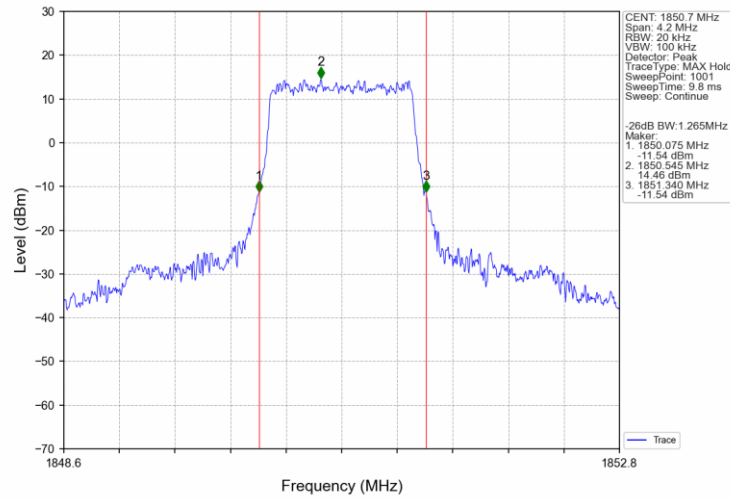


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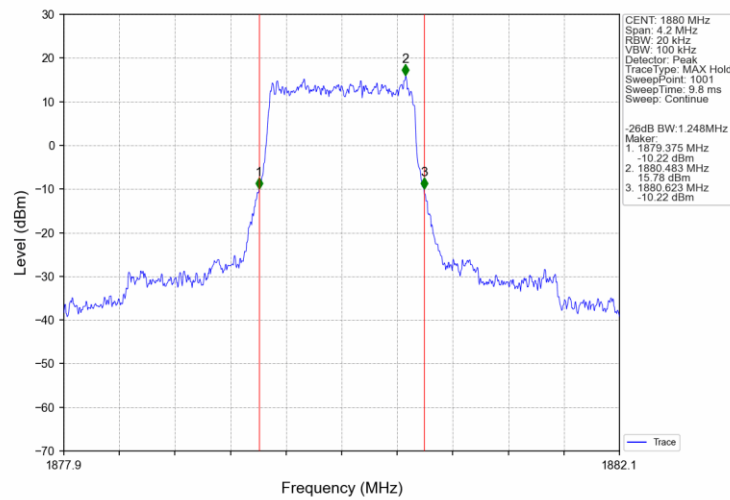


4.2.2 Band2_XDB

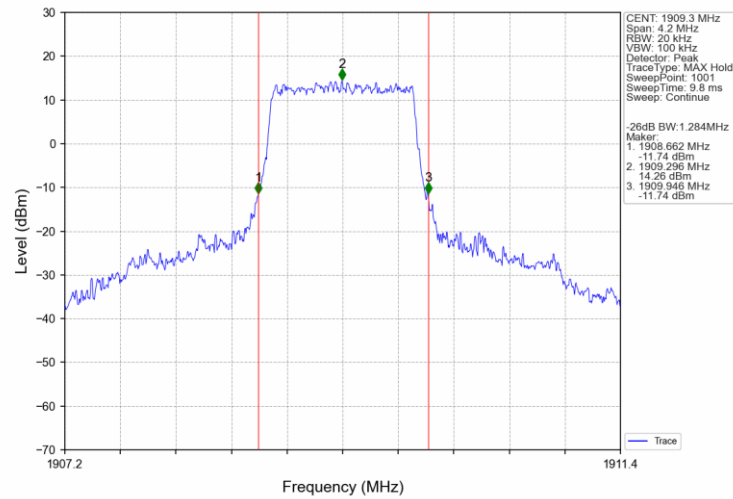
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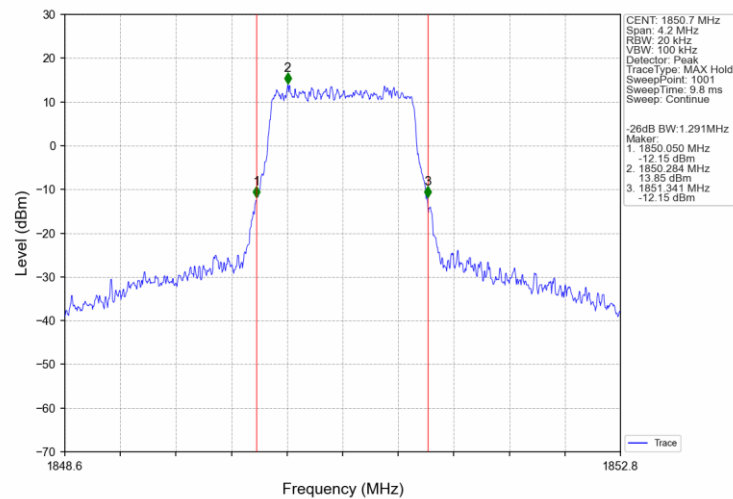
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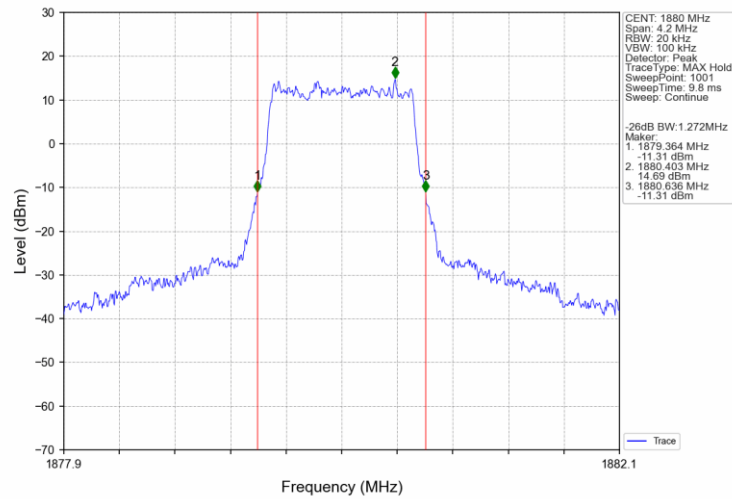
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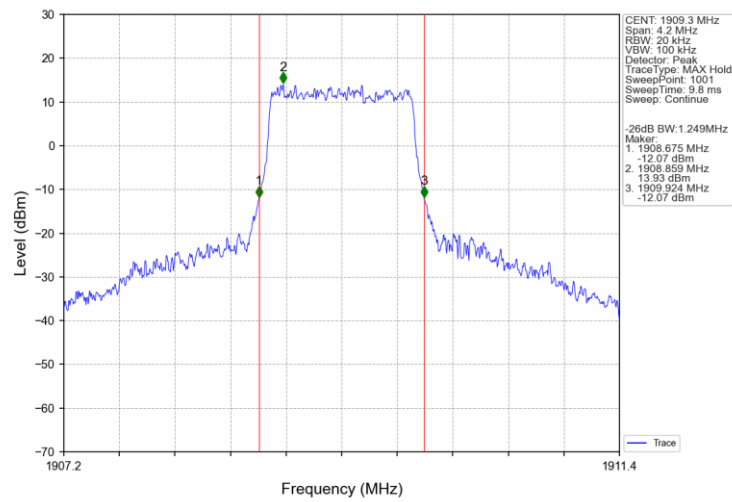
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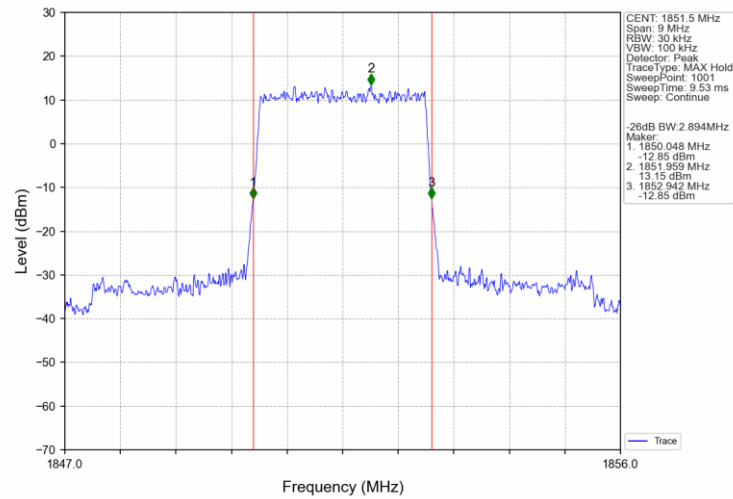
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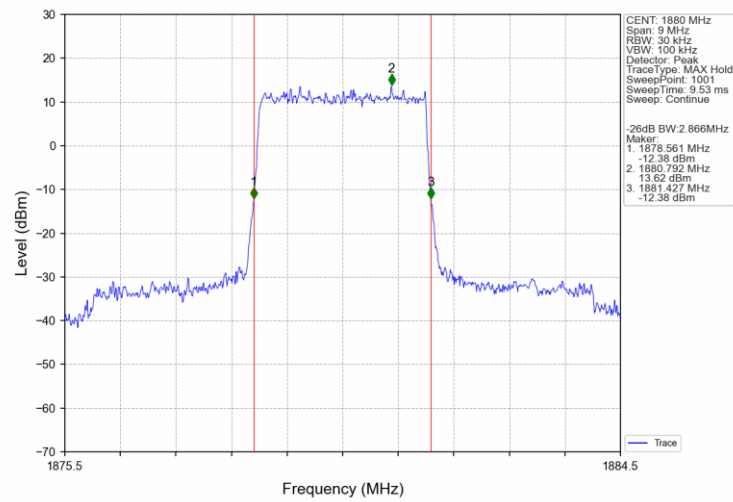
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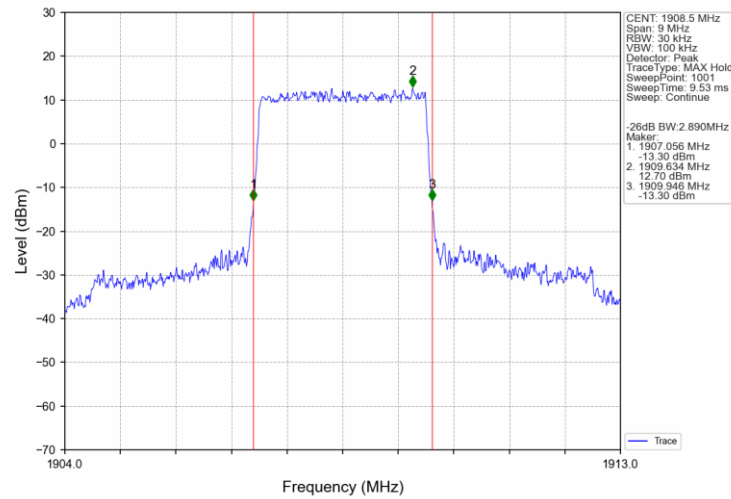
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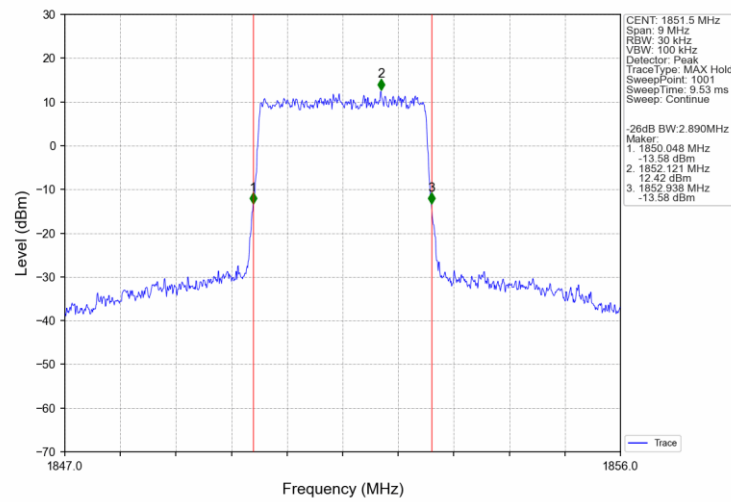
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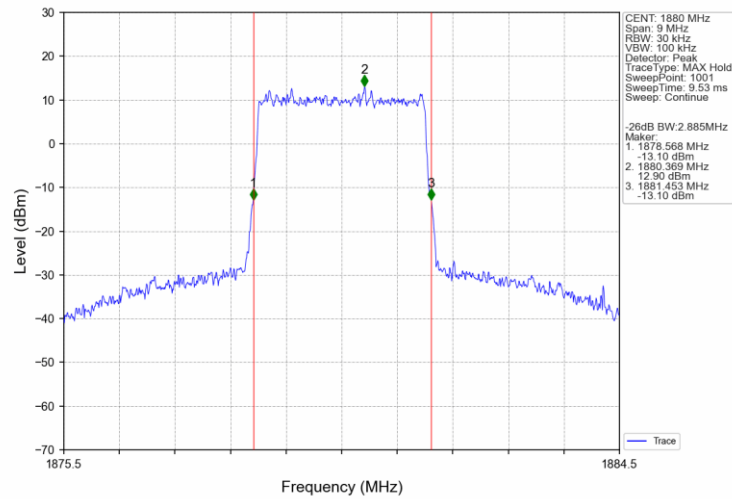
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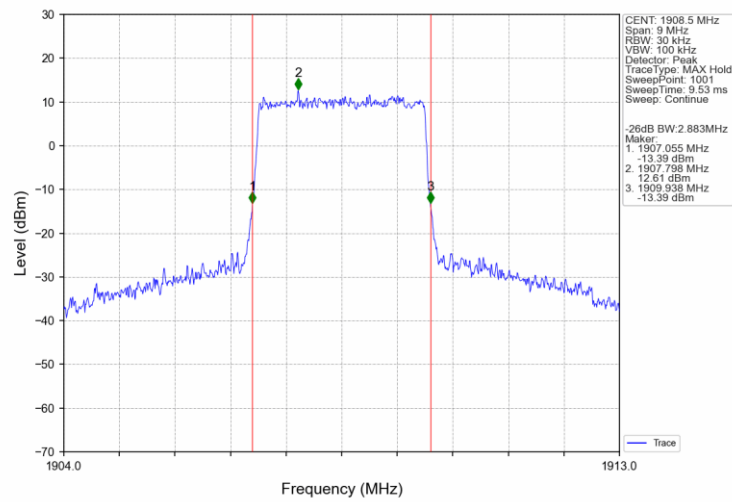
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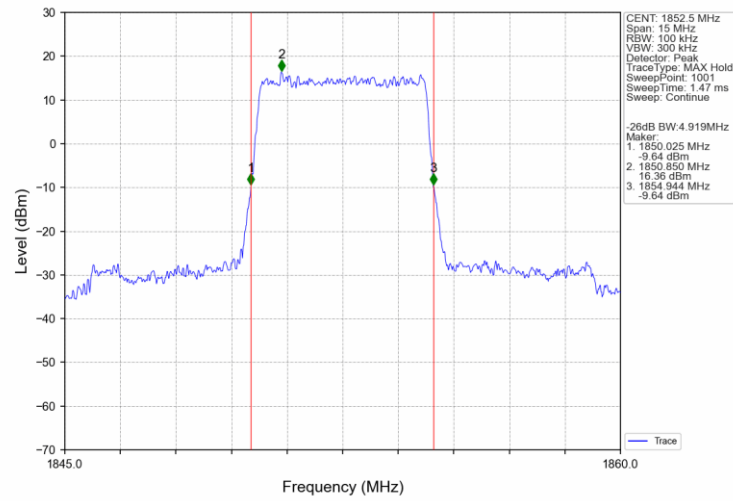
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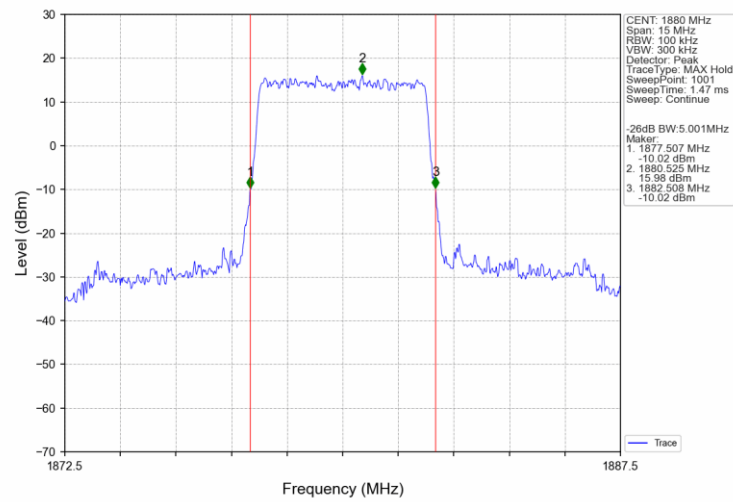
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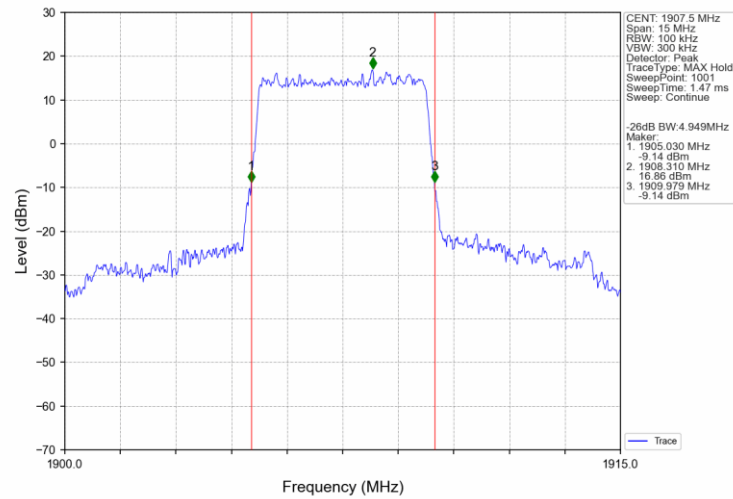
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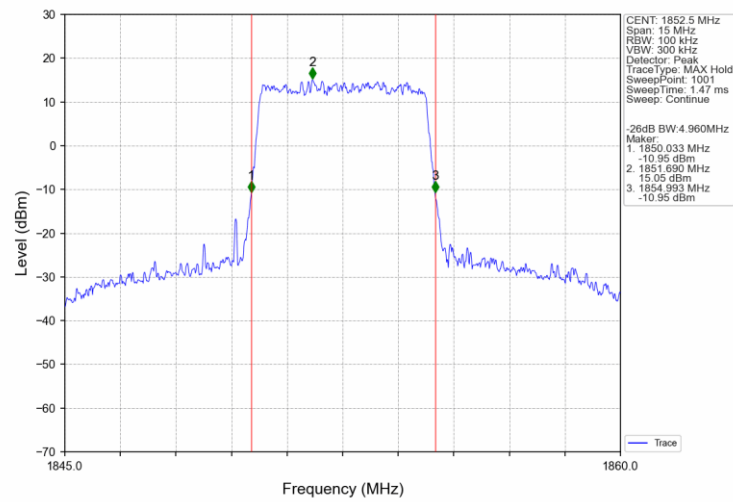
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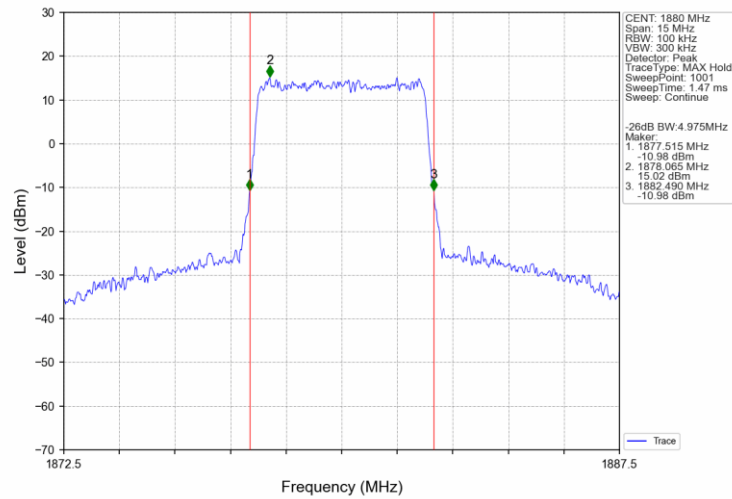
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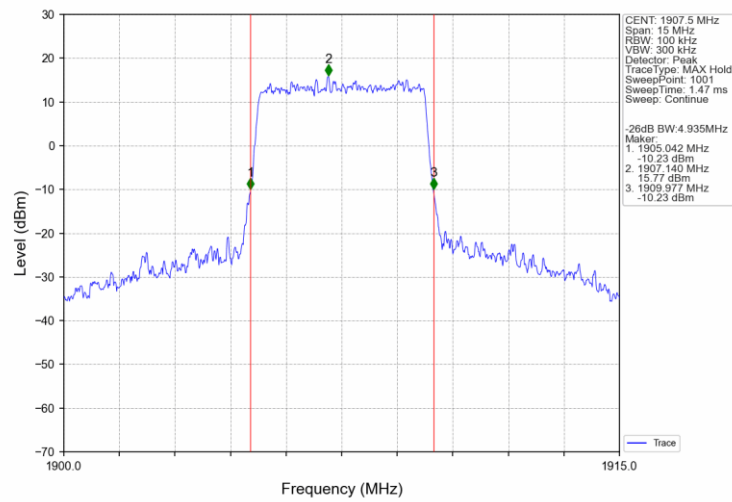
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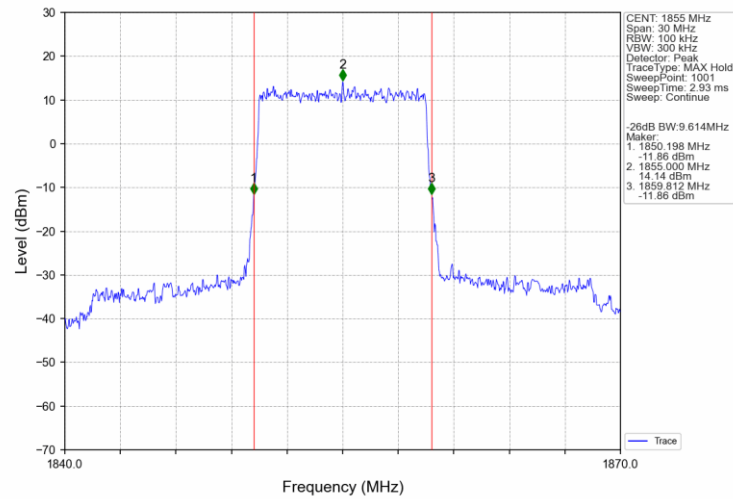
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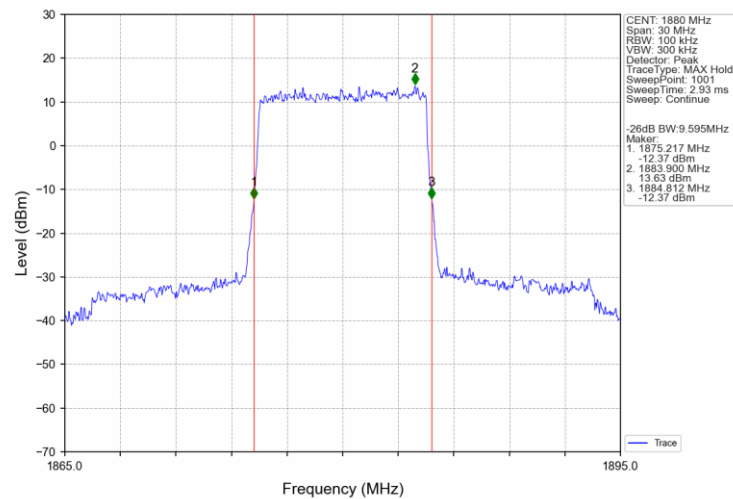
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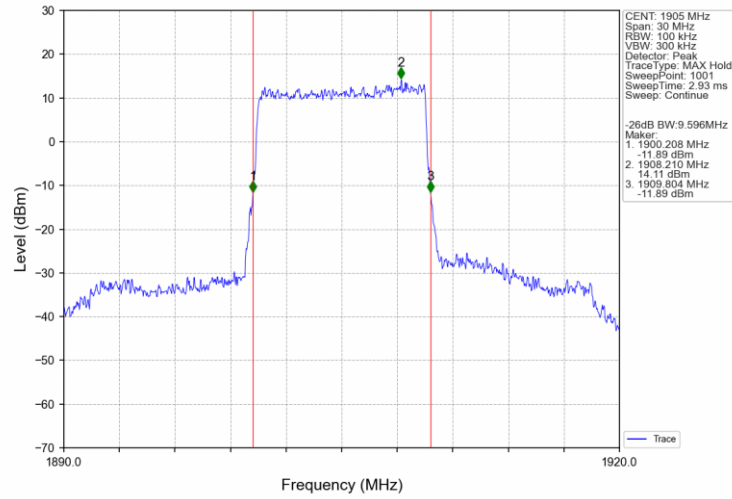
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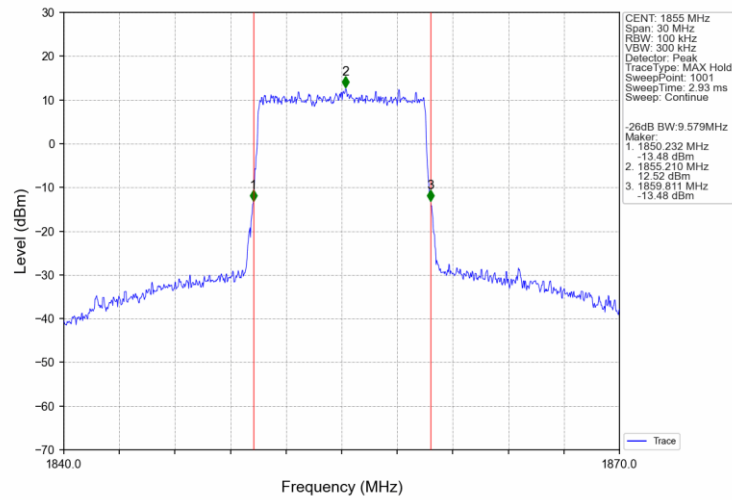
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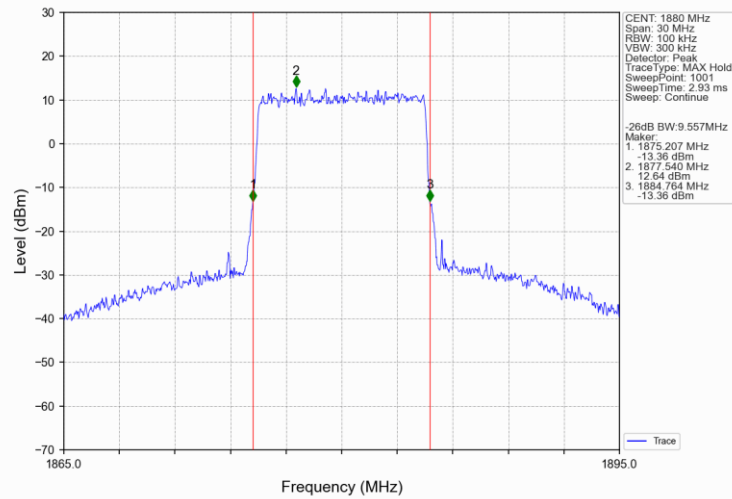
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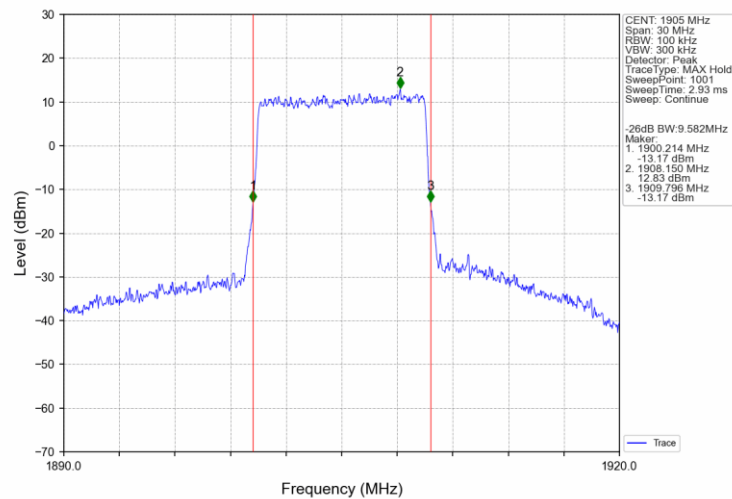
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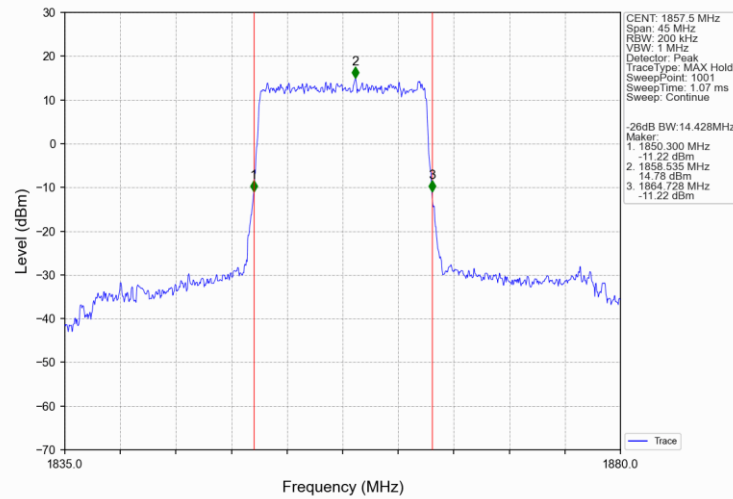
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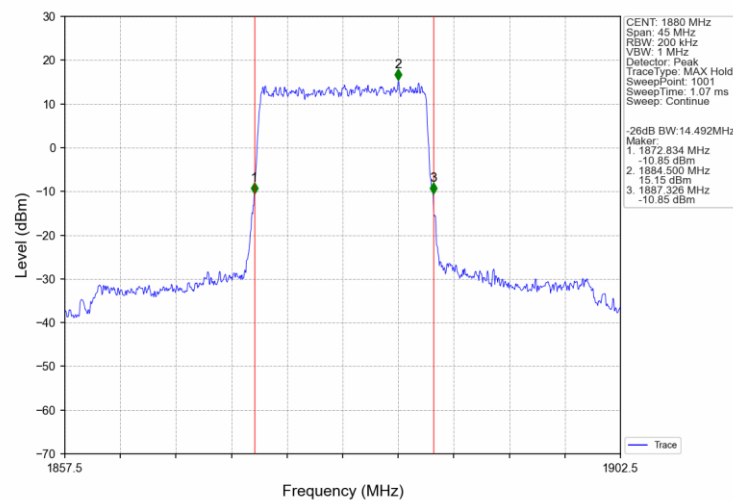
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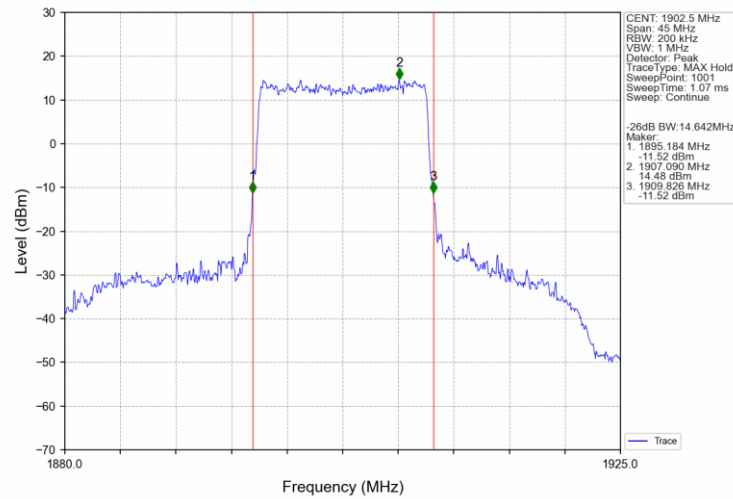
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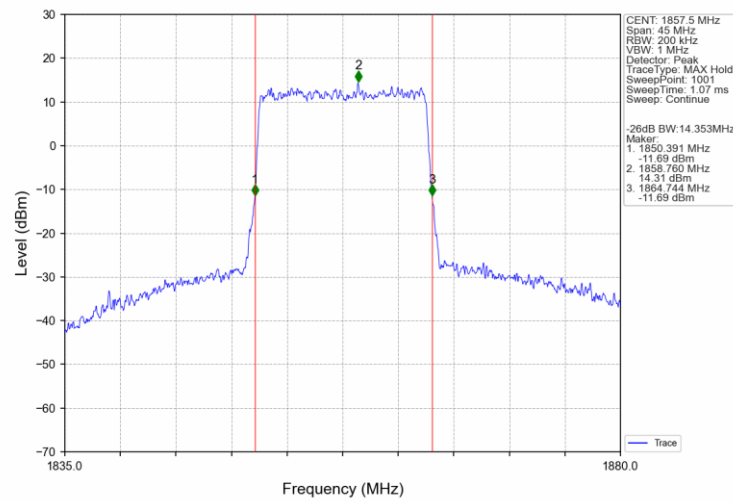
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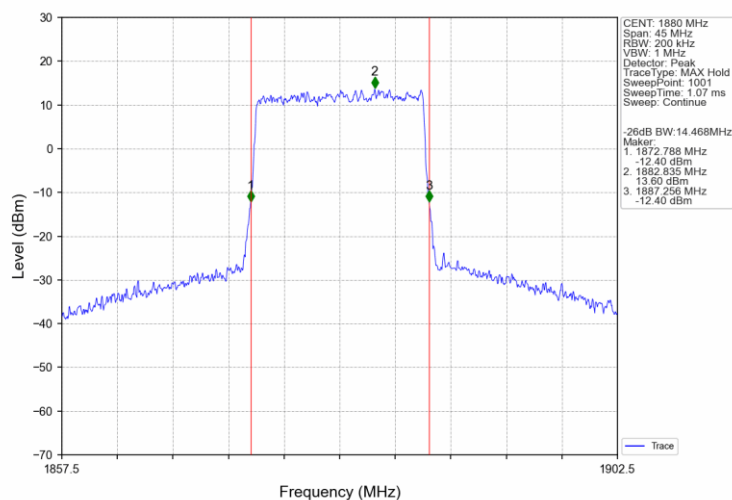
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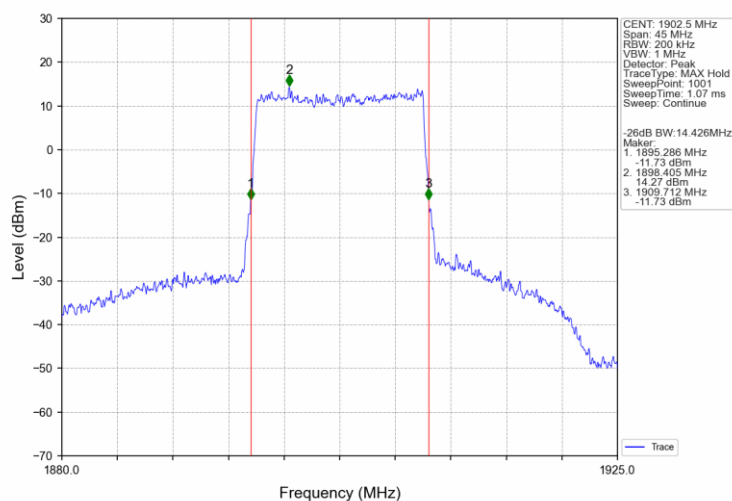
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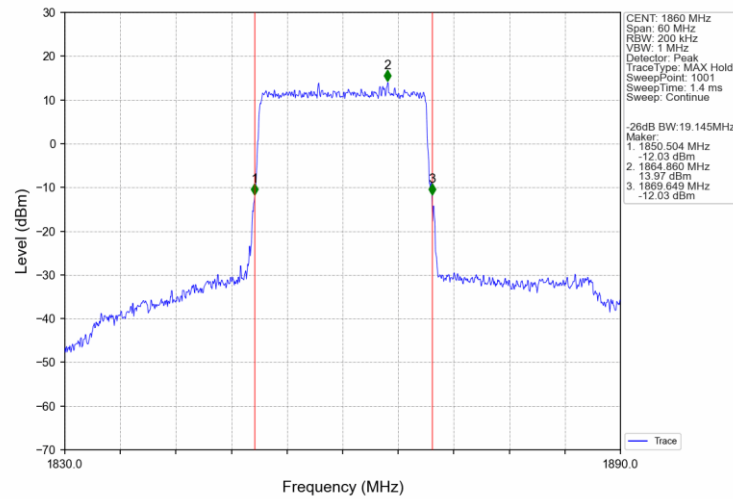
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



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

