

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	23.06	1.63	24.69	<=33.01	Pass
			2	23.06	1.63	24.69	<=33.01	Pass
			5	23.09	1.63	24.72	<=33.01	Pass
		3	0	23.09	1.63	24.72	<=33.01	Pass
			2	23.10	1.63	24.73	<=33.01	Pass
			3	23.08	1.63	24.71	<=33.01	Pass
		6	0	22.09	1.63	23.72	<=33.01	Pass
	1880	1	0	22.91	1.63	24.54	<=33.01	Pass
			2	22.94	1.63	24.57	<=33.01	Pass
			5	22.96	1.63	24.59	<=33.01	Pass
		3	0	22.96	1.63	24.59	<=33.01	Pass
			2	22.98	1.63	24.61	<=33.01	Pass
			3	22.96	1.63	24.59	<=33.01	Pass
		6	0	21.96	1.63	23.59	<=33.01	Pass
	1909.3	1	0	22.91	1.63	24.54	<=33.01	Pass
			2	22.91	1.63	24.54	<=33.01	Pass
			5	22.91	1.63	24.54	<=33.01	Pass
		3	0	22.94	1.63	24.57	<=33.01	Pass
			2	22.98	1.63	24.61	<=33.01	Pass
			3	22.98	1.63	24.61	<=33.01	Pass
		6	0	21.92	1.63	23.55	<=33.01	Pass
16QAM	1850.7	1	0	22.24	1.63	23.87	<=33.01	Pass
			2	22.26	1.63	23.89	<=33.01	Pass
			5	22.25	1.63	23.88	<=33.01	Pass
		3	0	22.09	1.63	23.72	<=33.01	Pass
			2	22.10	1.63	23.73	<=33.01	Pass
			3	22.09	1.63	23.72	<=33.01	Pass
		6	0	21.12	1.63	22.75	<=33.01	Pass
	1880	1	0	21.97	1.63	23.60	<=33.01	Pass
			2	21.95	1.63	23.58	<=33.01	Pass
			5	21.98	1.63	23.61	<=33.01	Pass
		3	0	22.11	1.63	23.74	<=33.01	Pass
			2	22.12	1.63	23.75	<=33.01	Pass
			3	22.14	1.63	23.77	<=33.01	Pass
		6	0	20.93	1.63	22.56	<=33.01	Pass
	1909.3	1	0	21.94	1.63	23.57	<=33.01	Pass
			2	21.95	1.63	23.58	<=33.01	Pass
			5	22.02	1.63	23.65	<=33.01	Pass
		3	0	21.95	1.63	23.58	<=33.01	Pass
			2	21.94	1.63	23.57	<=33.01	Pass
			3	21.93	1.63	23.56	<=33.01	Pass
		6	0	20.83	1.63	22.46	<=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	23.12	1.63	24.75	<=33.01	Pass
			7	23.13	1.63	24.76	<=33.01	Pass
			14	23.10	1.63	24.73	<=33.01	Pass
		8	0	22.10	1.63	23.73	<=33.01	Pass
			4	22.09	1.63	23.72	<=33.01	Pass
			7	22.08	1.63	23.71	<=33.01	Pass
		15	0	22.06	1.63	23.69	<=33.01	Pass
	1880	1	0	22.99	1.63	24.62	<=33.01	Pass
			7	22.98	1.63	24.61	<=33.01	Pass
			14	22.93	1.63	24.56	<=33.01	Pass
		8	0	21.96	1.63	23.59	<=33.01	Pass
			4	21.95	1.63	23.58	<=33.01	Pass
			7	21.95	1.63	23.58	<=33.01	Pass
		15	0	21.95	1.63	23.58	<=33.01	Pass
	1908.5	1	0	22.92	1.63	24.55	<=33.01	Pass
			7	23.01	1.63	24.64	<=33.01	Pass
			14	23.01	1.63	24.64	<=33.01	Pass
		8	0	21.94	1.63	23.57	<=33.01	Pass
			4	21.98	1.63	23.61	<=33.01	Pass
			7	21.98	1.63	23.61	<=33.01	Pass
		15	0	21.99	1.63	23.62	<=33.01	Pass
16QAM	1851.5	1	0	22.13	1.63	23.76	<=33.01	Pass
			7	22.17	1.63	23.80	<=33.01	Pass
			14	22.12	1.63	23.75	<=33.01	Pass
		8	0	21.14	1.63	22.77	<=33.01	Pass
			4	21.14	1.63	22.77	<=33.01	Pass
			7	21.15	1.63	22.78	<=33.01	Pass
		15	0	21.13	1.63	22.76	<=33.01	Pass
	1880	1	0	22.19	1.63	23.82	<=33.01	Pass
			7	22.18	1.63	23.81	<=33.01	Pass
			14	22.12	1.63	23.75	<=33.01	Pass
		8	0	20.95	1.63	22.58	<=33.01	Pass
			4	20.96	1.63	22.59	<=33.01	Pass
			7	20.92	1.63	22.55	<=33.01	Pass
		15	0	20.90	1.63	22.53	<=33.01	Pass
	1908.5	1	0	22.51	1.63	24.14	<=33.01	Pass
			7	22.51	1.63	24.14	<=33.01	Pass
			14	22.52	1.63	24.15	<=33.01	Pass
		8	0	21.12	1.63	22.75	<=33.01	Pass
			4	21.16	1.63	22.79	<=33.01	Pass
			7	21.17	1.63	22.80	<=33.01	Pass
		15	0	21.06	1.63	22.69	<=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	1.63	24.78	<=33.01	Pass
			13	23.13	1.63	24.76	<=33.01	Pass
			24	23.18	1.63	24.81	<=33.01	Pass
		12	0	22.09	1.63	23.72	<=33.01	Pass
			6	22.12	1.63	23.75	<=33.01	Pass
			13	22.13	1.63	23.76	<=33.01	Pass
		25	0	22.08	1.63	23.71	<=33.01	Pass
	1880	1	0	23.05	1.63	24.68	<=33.01	Pass
			13	23.02	1.63	24.65	<=33.01	Pass

			24	23.03	1.63	24.66	<=33.01	Pass	
		12	0	22.00	1.63	23.63	<=33.01	Pass	
			6	21.97	1.63	23.60	<=33.01	Pass	
			13	22.00	1.63	23.63	<=33.01	Pass	
		25	0	22.05	1.63	23.68	<=33.01	Pass	
	1907.5	1	0	23.04	1.63	24.67	<=33.01	Pass	
			13	23.15	1.63	24.78	<=33.01	Pass	
			24	23.22	1.63	24.85	<=33.01	Pass	
		12	0	21.90	1.63	23.53	<=33.01	Pass	
			6	21.98	1.63	23.61	<=33.01	Pass	
			13	22.04	1.63	23.67	<=33.01	Pass	
		25	0	21.99	1.63	23.62	<=33.01	Pass	
	16QAM	1852.5	1	0	22.24	1.63	23.87	<=33.01	Pass
				13	22.22	1.63	23.85	<=33.01	Pass
24				22.24	1.63	23.87	<=33.01	Pass	
12			0	21.03	1.63	22.66	<=33.01	Pass	
			6	21.08	1.63	22.71	<=33.01	Pass	
			13	21.06	1.63	22.69	<=33.01	Pass	
25			0	21.12	1.63	22.75	<=33.01	Pass	
1880		1	0	22.35	1.63	23.98	<=33.01	Pass	
			13	22.29	1.63	23.92	<=33.01	Pass	
			24	22.26	1.63	23.89	<=33.01	Pass	
		12	0	21.02	1.63	22.65	<=33.01	Pass	
			6	20.98	1.63	22.61	<=33.01	Pass	
			13	21.02	1.63	22.65	<=33.01	Pass	
		25	0	21.01	1.63	22.64	<=33.01	Pass	
1907.5		1	0	21.68	1.63	23.31	<=33.01	Pass	
			13	21.63	1.63	23.26	<=33.01	Pass	
			24	21.60	1.63	23.23	<=33.01	Pass	
		12	0	20.90	1.63	22.53	<=33.01	Pass	
			6	20.98	1.63	22.61	<=33.01	Pass	
			13	21.01	1.63	22.64	<=33.01	Pass	
		25	0	21.03	1.63	22.66	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.10	1.63	24.73	<=33.01	Pass
			25	23.17	1.63	24.80	<=33.01	Pass
			49	23.14	1.63	24.77	<=33.01	Pass
		25	0	22.08	1.63	23.71	<=33.01	Pass
			13	22.11	1.63	23.74	<=33.01	Pass
			25	22.14	1.63	23.77	<=33.01	Pass
		50	0	22.13	1.63	23.76	<=33.01	Pass
	1880	1	0	22.99	1.63	24.62	<=33.01	Pass
			25	22.94	1.63	24.57	<=33.01	Pass
			49	22.78	1.63	24.41	<=33.01	Pass
		25	0	21.96	1.63	23.59	<=33.01	Pass
			13	22.00	1.63	23.63	<=33.01	Pass
			25	21.99	1.63	23.62	<=33.01	Pass
		50	0	22.02	1.63	23.65	<=33.01	Pass
	1905	1	0	22.38	1.63	24.01	<=33.01	Pass
			25	22.46	1.63	24.09	<=33.01	Pass
			49	22.51	1.63	24.14	<=33.01	Pass
		25	0	21.88	1.63	23.51	<=33.01	Pass

16QAM	1855	50	13	21.99	1.63	23.62	<=33.01	Pass
			25	22.12	1.63	23.75	<=33.01	Pass
			0	22.05	1.63	23.68	<=33.01	Pass
		1	0	22.13	1.63	23.76	<=33.01	Pass
			25	22.18	1.63	23.81	<=33.01	Pass
			49	22.13	1.63	23.76	<=33.01	Pass
		25	0	21.18	1.63	22.81	<=33.01	Pass
			13	21.19	1.63	22.82	<=33.01	Pass
			25	21.21	1.63	22.84	<=33.01	Pass
		50	0	21.10	1.63	22.73	<=33.01	Pass
	1880	1	0	21.68	1.63	23.31	<=33.01	Pass
			25	21.68	1.63	23.31	<=33.01	Pass
			49	21.78	1.63	23.41	<=33.01	Pass
		25	0	21.00	1.63	22.63	<=33.01	Pass
			13	21.06	1.63	22.69	<=33.01	Pass
			25	21.02	1.63	22.65	<=33.01	Pass
		50	0	21.00	1.63	22.63	<=33.01	Pass
	1905	1	0	21.94	1.63	23.57	<=33.01	Pass
			25	22.01	1.63	23.64	<=33.01	Pass
			49	22.04	1.63	23.67	<=33.01	Pass
		25	0	20.98	1.63	22.61	<=33.01	Pass
			13	21.04	1.63	22.67	<=33.01	Pass
			25	21.22	1.63	22.85	<=33.01	Pass
		50	0	21.05	1.63	22.68	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	22.94	1.63	24.57	<=33.01	Pass
			38	22.75	1.63	24.38	<=33.01	Pass
			74	22.55	1.63	24.18	<=33.01	Pass
		36	0	22.09	1.63	23.72	<=33.01	Pass
			18	22.09	1.63	23.72	<=33.01	Pass
			39	22.14	1.63	23.77	<=33.01	Pass
		75	0	22.09	1.63	23.72	<=33.01	Pass
	1880	1	0	22.43	1.63	24.06	<=33.01	Pass
			38	22.49	1.63	24.12	<=33.01	Pass
			74	22.34	1.63	23.97	<=33.01	Pass
		36	0	21.98	1.63	23.61	<=33.01	Pass
			18	21.97	1.63	23.60	<=33.01	Pass
			39	21.97	1.63	23.60	<=33.01	Pass
		75	0	22.01	1.63	23.64	<=33.01	Pass
	1902.5	1	0	22.26	1.63	23.89	<=33.01	Pass
			38	22.41	1.63	24.04	<=33.01	Pass
			74	22.46	1.63	24.09	<=33.01	Pass
		36	0	21.88	1.63	23.51	<=33.01	Pass
			18	21.90	1.63	23.53	<=33.01	Pass
			39	22.09	1.63	23.72	<=33.01	Pass
		75	0	22.03	1.63	23.66	<=33.01	Pass
16QAM	1857.5	1	0	21.93	1.63	23.56	<=33.01	Pass
			38	22.00	1.63	23.63	<=33.01	Pass
			74	21.93	1.63	23.56	<=33.01	Pass
		36	0	21.10	1.63	22.73	<=33.01	Pass
			18	21.12	1.63	22.75	<=33.01	Pass
			39	21.08	1.63	22.71	<=33.01	Pass

	1880	75	0	21.11	1.63	22.74	<=33.01	Pass
		1	0	21.63	1.63	23.26	<=33.01	Pass
			38	21.66	1.63	23.29	<=33.01	Pass
			74	21.51	1.63	23.14	<=33.01	Pass
		36	0	20.96	1.63	22.59	<=33.01	Pass
			18	21.01	1.63	22.64	<=33.01	Pass
			39	20.96	1.63	22.59	<=33.01	Pass
		75	0	21.01	1.63	22.64	<=33.01	Pass
	1902.5	1	0	21.89	1.63	23.52	<=33.01	Pass
			38	22.04	1.63	23.67	<=33.01	Pass
			74	21.98	1.63	23.61	<=33.01	Pass
		36	0	20.98	1.63	22.61	<=33.01	Pass
			18	21.00	1.63	22.63	<=33.01	Pass
			39	21.12	1.63	22.75	<=33.01	Pass
		75	0	21.03	1.63	22.66	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.51	1.63	24.14	<=33.01	Pass
			50	22.62	1.63	24.25	<=33.01	Pass
			99	22.47	1.63	24.10	<=33.01	Pass
		50	0	22.10	1.63	23.73	<=33.01	Pass
			25	22.16	1.63	23.79	<=33.01	Pass
			50	22.10	1.63	23.73	<=33.01	Pass
		100	0	22.09	1.63	23.72	<=33.01	Pass
	1880	1	0	22.48	1.63	24.11	<=33.01	Pass
			50	22.57	1.63	24.20	<=33.01	Pass
			99	22.36	1.63	23.99	<=33.01	Pass
		50	0	21.97	1.63	23.60	<=33.01	Pass
			25	22.01	1.63	23.64	<=33.01	Pass
			50	22.03	1.63	23.66	<=33.01	Pass
		100	0	22.02	1.63	23.65	<=33.01	Pass
	1900	1	0	22.33	1.63	23.96	<=33.01	Pass
			50	22.45	1.63	24.08	<=33.01	Pass
			99	22.45	1.63	24.08	<=33.01	Pass
		50	0	22.01	1.63	23.64	<=33.01	Pass
			25	22.01	1.63	23.64	<=33.01	Pass
			50	22.17	1.63	23.80	<=33.01	Pass
		100	0	22.12	1.63	23.75	<=33.01	Pass
16QAM	1860	1	0	22.09	1.63	23.72	<=33.01	Pass
			50	22.19	1.63	23.82	<=33.01	Pass
			99	22.04	1.63	23.67	<=33.01	Pass
		50	0	21.04	1.63	22.67	<=33.01	Pass
			25	21.12	1.63	22.75	<=33.01	Pass
			50	21.07	1.63	22.70	<=33.01	Pass
		100	0	21.04	1.63	22.67	<=33.01	Pass
	1880	1	0	21.64	1.63	23.27	<=33.01	Pass
			50	21.76	1.63	23.39	<=33.01	Pass
			99	21.55	1.63	23.18	<=33.01	Pass
		50	0	20.96	1.63	22.59	<=33.01	Pass
			25	20.96	1.63	22.59	<=33.01	Pass
			50	20.99	1.63	22.62	<=33.01	Pass
		100	0	21.00	1.63	22.63	<=33.01	Pass
	1900	1	0	21.58	1.63	23.21	<=33.01	Pass

			50	21.71	1.63	23.34	<=33.01	Pass
			99	21.72	1.63	23.35	<=33.01	Pass
		50	0	21.02	1.63	22.65	<=33.01	Pass
			25	20.97	1.63	22.60	<=33.01	Pass
			50	21.14	1.63	22.77	<=33.01	Pass
		100	0	21.09	1.63	22.72	<=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	2.503	0.0014	-2.5 to 2.5	Pass
					3.85	0.558	0.0003	-2.5 to 2.5	Pass
					4.43	0.286	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	14.992	0.0081	-2.5 to 2.5	Pass
				-10	3.85	37.208	0.0201	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				10	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.975	0.0016	-2.5 to 2.5	Pass
				40	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				50	3.85	10.815	0.0058	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	12.875	0.0068	-2.5 to 2.5	Pass
					3.85	12.460	0.0066	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	7.610	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				10	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				40	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				50	3.85	4.964	0.0026	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	3.204	0.0017	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
					4.43	14.391	0.0075	-2.5 to 2.5	Pass
				-30	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	12.002	0.0063	-2.5 to 2.5	Pass
				-10	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				10	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				30	3.85	18.611	0.0097	-2.5 to 2.5	Pass
				40	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	7.510	0.0041	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
					4.43	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.85	7.410	0.0040	-2.5 to 2.5	Pass
				-20	3.85	11.630	0.0063	-2.5 to 2.5	Pass
				-10	3.85	7.281	0.0039	-2.5 to 2.5	Pass

				0	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				10	3.85	3.619	0.0020	-2.5 to 2.5	Pass
				30	3.85	10.800	0.0058	-2.5 to 2.5	Pass
				40	3.85	7.796	0.0042	-2.5 to 2.5	Pass
				50	3.85	0.744	0.0004	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-1.287	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-20	3.85	9.813	0.0052	-2.5 to 2.5	Pass
				-10	3.85	7.811	0.0042	-2.5 to 2.5	Pass
				0	3.85	3.977	0.0021	-2.5 to 2.5	Pass
				10	3.85	10.872	0.0058	-2.5 to 2.5	Pass
				30	3.85	12.717	0.0068	-2.5 to 2.5	Pass
				40	3.85	12.789	0.0068	-2.5 to 2.5	Pass
				50	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-3.490	-0.0018	-2.5 to 2.5	Pass
					3.85	5.937	0.0031	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.849	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-9.942	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	11.673	0.0061	-2.5 to 2.5	Pass
				0	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				10	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				30	3.85	-7.496	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				50	3.85	6.409	0.0034	-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	6.623	0.0036	-2.5 to 2.5	Pass
					3.85	5.050	0.0027	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	5.236	0.0028	-2.5 to 2.5	Pass
				-20	3.85	10.042	0.0054	-2.5 to 2.5	Pass
				-10	3.85	16.179	0.0087	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	6.394	0.0035	-2.5 to 2.5	Pass
				40	3.85	10.343	0.0056	-2.5 to 2.5	Pass
				50	3.85	5.994	0.0032	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-3.905	-0.0021	-2.5 to 2.5	Pass
					3.85	1.917	0.0010	-2.5 to 2.5	Pass
					4.43	7.124	0.0038	-2.5 to 2.5	Pass
				-30	3.85	5.465	0.0029	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				-10	3.85	6.838	0.0036	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				30	3.85	13.704	0.0073	-2.5 to 2.5	Pass
				40	3.85	7.038	0.0037	-2.5 to 2.5	Pass
				50	3.85	4.892	0.0026	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	4.721	0.0025	-2.5 to 2.5	Pass
					3.85	7.238	0.0038	-2.5 to 2.5	Pass
					4.43	6.094	0.0032	-2.5 to 2.5	Pass

				-30	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				-20	3.85	9.871	0.0052	-2.5 to 2.5	Pass
				-10	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				0	3.85	14.462	0.0076	-2.5 to 2.5	Pass
				10	3.85	7.939	0.0042	-2.5 to 2.5	Pass
				30	3.85	2.446	0.0013	-2.5 to 2.5	Pass
				40	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				50	3.85	8.683	0.0045	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	10.915	0.0059	-2.5 to 2.5	Pass
					3.85	1.502	0.0008	-2.5 to 2.5	Pass
					4.43	8.397	0.0045	-2.5 to 2.5	Pass
				-30	3.85	5.679	0.0031	-2.5 to 2.5	Pass
				-20	3.85	2.718	0.0015	-2.5 to 2.5	Pass
				-10	3.85	14.763	0.0080	-2.5 to 2.5	Pass
				0	3.85	5.822	0.0031	-2.5 to 2.5	Pass
				10	3.85	6.423	0.0035	-2.5 to 2.5	Pass
				30	3.85	9.170	0.0050	-2.5 to 2.5	Pass
				40	3.85	9.141	0.0049	-2.5 to 2.5	Pass
				50	3.85	2.990	0.0016	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	4.148	0.0022	-2.5 to 2.5	Pass
					3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
					4.43	8.683	0.0046	-2.5 to 2.5	Pass
				-30	3.85	2.661	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				40	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	4.506	0.0024	-2.5 to 2.5	Pass
					3.85	7.224	0.0038	-2.5 to 2.5	Pass
					4.43	2.961	0.0016	-2.5 to 2.5	Pass
				-30	3.85	6.480	0.0034	-2.5 to 2.5	Pass
				-20	3.85	5.107	0.0027	-2.5 to 2.5	Pass
				-10	3.85	16.451	0.0086	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				10	3.85	4.878	0.0026	-2.5 to 2.5	Pass
				30	3.85	2.446	0.0013	-2.5 to 2.5	Pass
				40	3.85	-8.597	-0.0045	-2.5 to 2.5	Pass
				50	3.85	1.388	0.0007	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				-20	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				0	3.85	7.925	0.0043	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	4.163	0.0022	-2.5 to 2.5	Pass
				40	3.85	7.052	0.0038	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass

	1880	25	0	20	3.27	1.717	0.0009	-2.5 to 2.5	Pass
					3.85	1.688	0.0009	-2.5 to 2.5	Pass
					4.43	7.439	0.0040	-2.5 to 2.5	Pass
				-30	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.161	0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				0	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				10	3.85	6.809	0.0036	-2.5 to 2.5	Pass
				30	3.85	10.343	0.0055	-2.5 to 2.5	Pass
				40	3.85	7.696	0.0041	-2.5 to 2.5	Pass
				50	3.85	9.141	0.0049	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-0.443	-0.0002	-2.5 to 2.5	Pass
					3.85	2.775	0.0015	-2.5 to 2.5	Pass
					4.43	7.010	0.0037	-2.5 to 2.5	Pass
				-30	3.85	3.133	0.0016	-2.5 to 2.5	Pass
				-20	3.85	3.719	0.0019	-2.5 to 2.5	Pass
				-10	3.85	3.777	0.0020	-2.5 to 2.5	Pass
				0	3.85	8.397	0.0044	-2.5 to 2.5	Pass
				10	3.85	8.283	0.0043	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0023	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0005	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	4.807	0.0026	-2.5 to 2.5	Pass
					3.85	5.479	0.0030	-2.5 to 2.5	Pass
					4.43	7.339	0.0040	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	4.406	0.0024	-2.5 to 2.5	Pass
				10	3.85	8.812	0.0048	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.403	0.0013	-2.5 to 2.5	Pass
				50	3.85	3.462	0.0019	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	5.264	0.0028	-2.5 to 2.5	Pass
					3.85	2.275	0.0012	-2.5 to 2.5	Pass
					4.43	-3.433	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	4.106	0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				30	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				40	3.85	7.381	0.0039	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	5.164	0.0027	-2.5 to 2.5	Pass
					3.85	1.874	0.0010	-2.5 to 2.5	Pass
					4.43	4.964	0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.882	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.802	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.575	0.0013	-2.5 to 2.5	Pass
				30	3.85	6.595	0.0035	-2.5 to 2.5	Pass
				40	3.85	9.456	0.0050	-2.5 to 2.5	Pass
				50	3.85	-3.948	-0.0021	-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	4.034	0.0022	-2.5 to 2.5	Pass
					3.85	1.988	0.0011	-2.5 to 2.5	Pass
					4.43	2.804	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	0.572	0.0003	-2.5 to 2.5	Pass
					3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				50	3.85	2.646	0.0014	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	4.592	0.0024	-2.5 to 2.5	Pass
					3.85	2.604	0.0014	-2.5 to 2.5	Pass
					4.43	5.078	0.0027	-2.5 to 2.5	Pass
				-30	3.85	2.432	0.0013	-2.5 to 2.5	Pass
				-20	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				-10	3.85	3.119	0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				10	3.85	2.961	0.0016	-2.5 to 2.5	Pass
				30	3.85	4.649	0.0024	-2.5 to 2.5	Pass
				40	3.85	6.137	0.0032	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	4.678	0.0025	-2.5 to 2.5	Pass
					3.85	8.712	0.0047	-2.5 to 2.5	Pass
					4.43	6.337	0.0034	-2.5 to 2.5	Pass
				-30	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.874	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.232	0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.103	0.0011	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	2.604	0.0014	-2.5 to 2.5	Pass
					3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
					4.43	0.415	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	4.020	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.874	0.0010	-2.5 to 2.5	Pass

	1905	50	0	20	3.27	7.482	0.0039	-2.5 to 2.5	Pass
					3.85	7.267	0.0038	-2.5 to 2.5	Pass
					4.43	9.198	0.0048	-2.5 to 2.5	Pass
				-30	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.875	0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				30	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	7.954	0.0042	-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	-2.089	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
					4.43	4.778	0.0026	-2.5 to 2.5	Pass
				-30	3.85	4.020	0.0022	-2.5 to 2.5	Pass
				-20	3.85	5.822	0.0031	-2.5 to 2.5	Pass
				-10	3.85	4.792	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.85	5.937	0.0032	-2.5 to 2.5	Pass
				40	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				50	3.85	4.735	0.0025	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	5.922	0.0032	-2.5 to 2.5	Pass
					3.85	6.967	0.0037	-2.5 to 2.5	Pass
					4.43	8.411	0.0045	-2.5 to 2.5	Pass
				-30	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				-20	3.85	7.968	0.0042	-2.5 to 2.5	Pass
				-10	3.85	7.324	0.0039	-2.5 to 2.5	Pass
				0	3.85	8.211	0.0044	-2.5 to 2.5	Pass
				10	3.85	6.809	0.0036	-2.5 to 2.5	Pass
				30	3.85	7.639	0.0041	-2.5 to 2.5	Pass
				40	3.85	8.068	0.0043	-2.5 to 2.5	Pass
				50	3.85	9.785	0.0052	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	3.977	0.0021	-2.5 to 2.5	Pass
					3.85	3.562	0.0019	-2.5 to 2.5	Pass
					4.43	1.760	0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.033	0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				-10	3.85	5.193	0.0027	-2.5 to 2.5	Pass
				0	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				10	3.85	7.367	0.0039	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				40	3.85	2.704	0.0014	-2.5 to 2.5	Pass
				50	3.85	5.064	0.0027	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	1.545	0.0008	-2.5 to 2.5	Pass
					3.85	5.708	0.0031	-2.5 to 2.5	Pass
					4.43	5.035	0.0027	-2.5 to 2.5	Pass
				-30	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				-20	3.85	3.963	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.489	0.0013	-2.5 to 2.5	Pass
				0	3.85	6.409	0.0035	-2.5 to 2.5	Pass
				10	3.85	3.462	0.0019	-2.5 to 2.5	Pass

	1880	75	0	30	3.85	6.351	0.0034	-2.5 to 2.5	Pass
				40	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.346	0.0013	-2.5 to 2.5	Pass
				20	3.27	4.191	0.0022	-2.5 to 2.5	Pass
					3.85	2.518	0.0013	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				-20	3.85	4.263	0.0023	-2.5 to 2.5	Pass
				-10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
	1902.5	75	0	0	3.85	5.436	0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
				30	3.85	2.189	0.0012	-2.5 to 2.5	Pass
				40	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				20	3.27	7.081	0.0037	-2.5 to 2.5	Pass
					3.85	4.091	0.0022	-2.5 to 2.5	Pass
					4.43	2.789	0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.446	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.432	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				30	3.85	5.107	0.0027	-2.5 to 2.5	Pass
				40	3.85	6.394	0.0034	-2.5 to 2.5	Pass
				50	3.85	-0.329	-0.0002	-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	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	-4.649	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-0.887	-0.0005	-2.5 to 2.5	Pass
					3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
					4.43	1.974	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				10	3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				50	3.85	4.950	0.0026	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-1.273	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.304	0.0017	-2.5 to 2.5	Pass

				-10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass			
				0	3.85	7.896	0.0042	-2.5 to 2.5	Pass			
				10	3.85	0.901	0.0005	-2.5 to 2.5	Pass			
				30	3.85	4.449	0.0023	-2.5 to 2.5	Pass			
				40	3.85	0.157	0.0001	-2.5 to 2.5	Pass			
16QAM	1860	100	0	50	3.85	1.130	0.0006	-2.5 to 2.5	Pass			
				20	3.27	1.602	0.0009	-2.5 to 2.5	Pass			
					3.85	7.510	0.0040	-2.5 to 2.5	Pass			
					4.43	7.324	0.0039	-2.5 to 2.5	Pass			
				-30	3.85	4.878	0.0026	-2.5 to 2.5	Pass			
				-20	3.85	10.042	0.0054	-2.5 to 2.5	Pass			
				-10	3.85	4.921	0.0026	-2.5 to 2.5	Pass			
				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass			
				10	3.85	4.220	0.0023	-2.5 to 2.5	Pass			
				30	3.85	4.735	0.0025	-2.5 to 2.5	Pass			
				40	3.85	2.003	0.0011	-2.5 to 2.5	Pass			
				50	3.85	6.924	0.0037	-2.5 to 2.5	Pass			
				1880	100	0	20	3.27	4.821	0.0026	-2.5 to 2.5	Pass
								3.85	5.636	0.0030	-2.5 to 2.5	Pass
								4.43	2.303	0.0012	-2.5 to 2.5	Pass
	-30	3.85	2.346				0.0012	-2.5 to 2.5	Pass			
	-20	3.85	7.124				0.0038	-2.5 to 2.5	Pass			
	-10	3.85	3.905				0.0021	-2.5 to 2.5	Pass			
	0	3.85	6.838				0.0036	-2.5 to 2.5	Pass			
	10	3.85	5.665				0.0030	-2.5 to 2.5	Pass			
	30	3.85	3.977				0.0021	-2.5 to 2.5	Pass			
	40	3.85	5.035				0.0027	-2.5 to 2.5	Pass			
	50	3.85	5.636				0.0030	-2.5 to 2.5	Pass			
	1900	100	0				20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass
								3.85	6.824	0.0036	-2.5 to 2.5	Pass
								4.43	2.260	0.0012	-2.5 to 2.5	Pass
							-30	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				-20	3.85	4.463	0.0023	-2.5 to 2.5	Pass			
				-10	3.85	0.744	0.0004	-2.5 to 2.5	Pass			
				0	3.85	3.262	0.0017	-2.5 to 2.5	Pass			
				10	3.85	3.247	0.0017	-2.5 to 2.5	Pass			
				30	3.85	2.103	0.0011	-2.5 to 2.5	Pass			
				40	3.85	3.948	0.0021	-2.5 to 2.5	Pass			
				50	3.85	2.089	0.0011	-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	
		Size	Offset	Result	Limit
QPSK	1880	6	0	Refer To Test Graph	
16QAM	1880	6	0	Refer To Test Graph	

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV					
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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

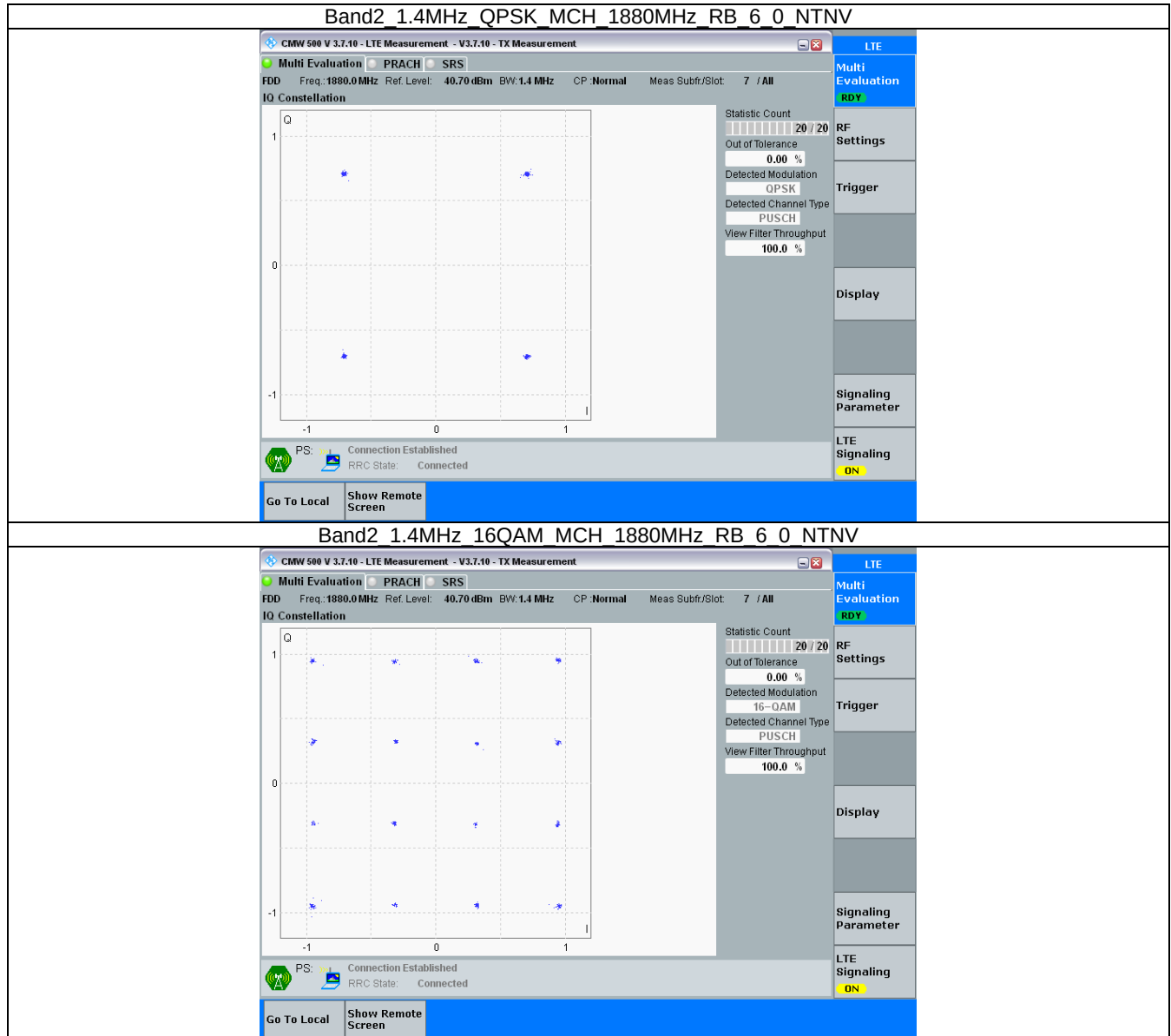
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

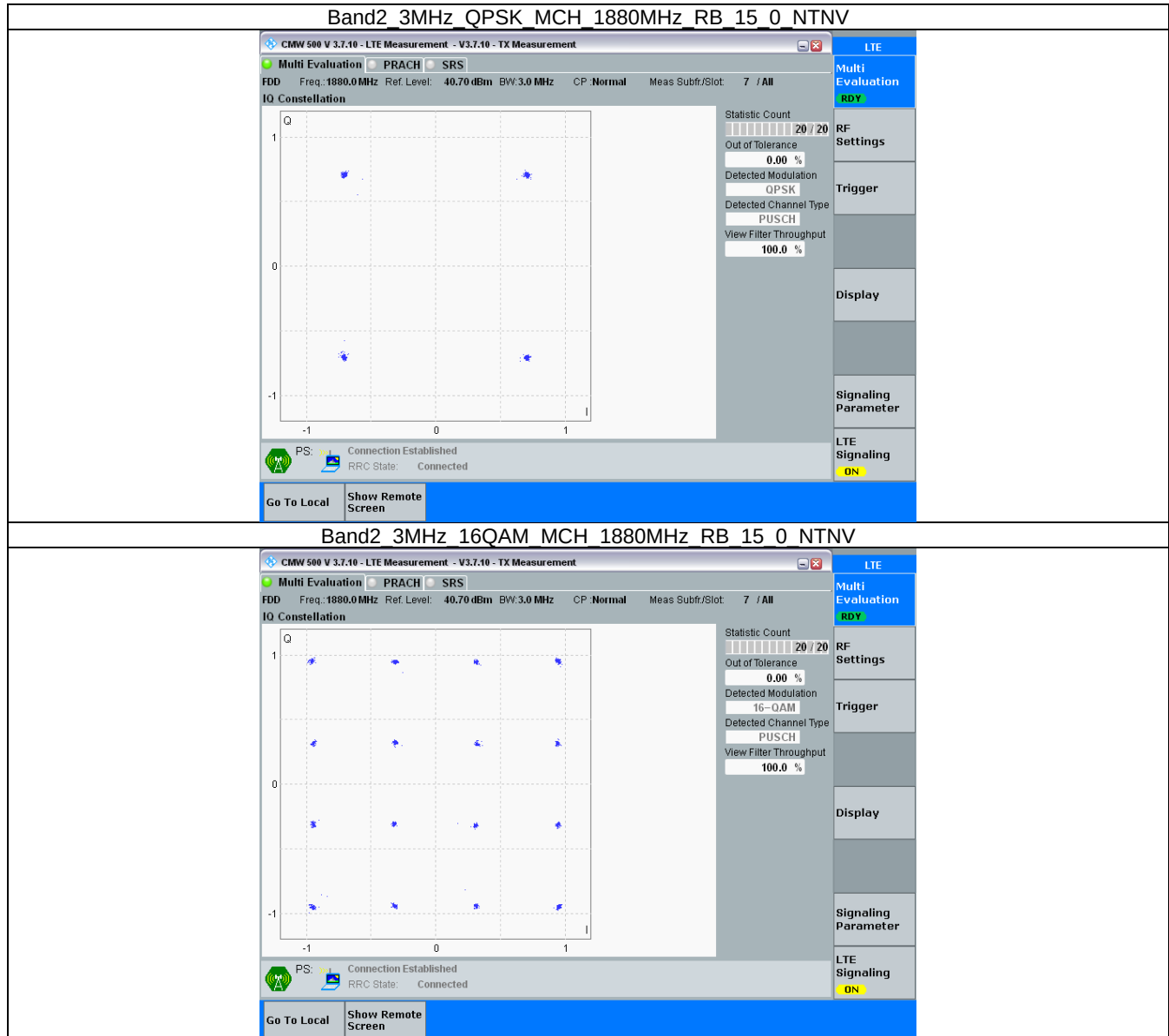
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

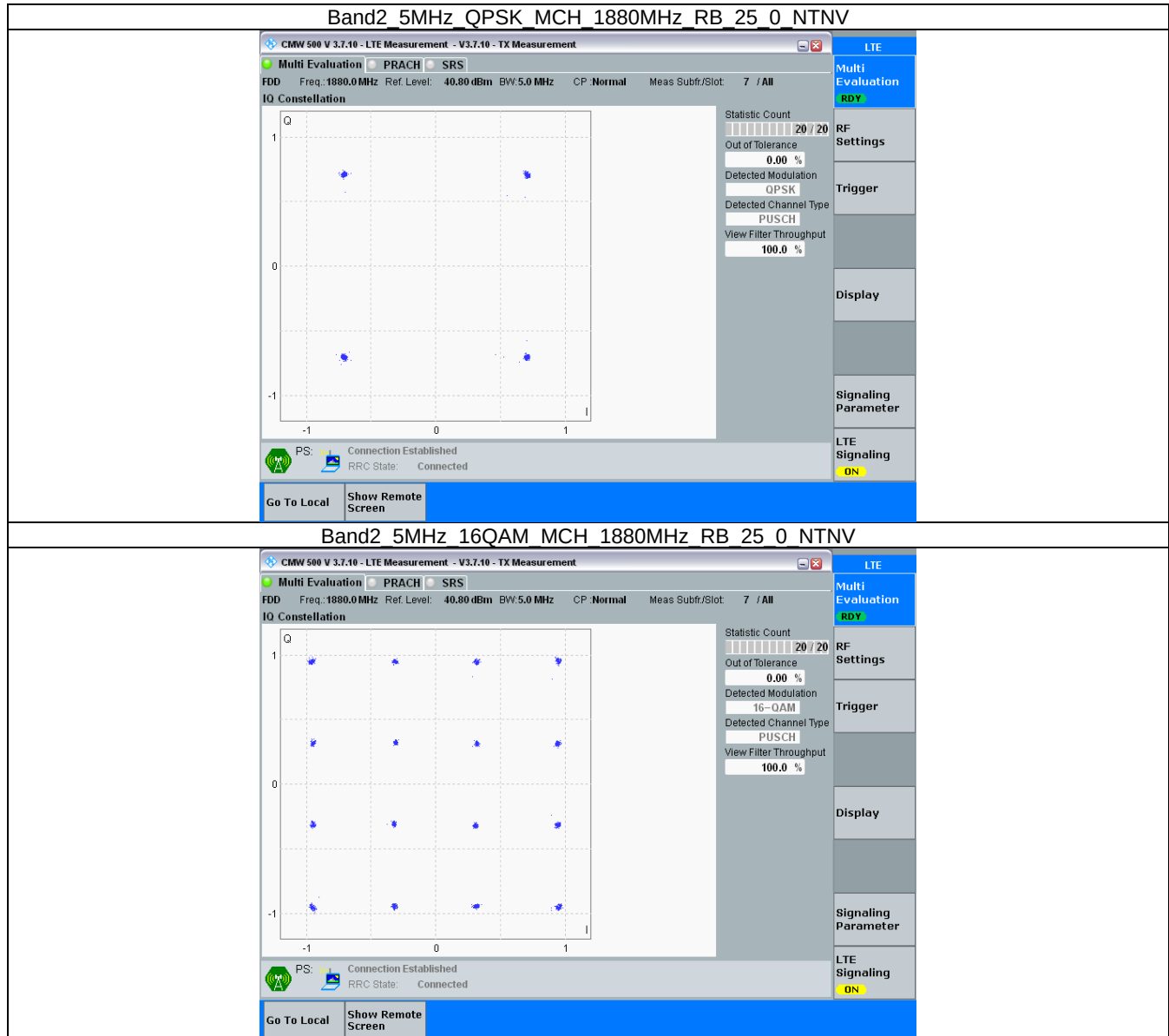
3.2.1 B2_1.4MHz



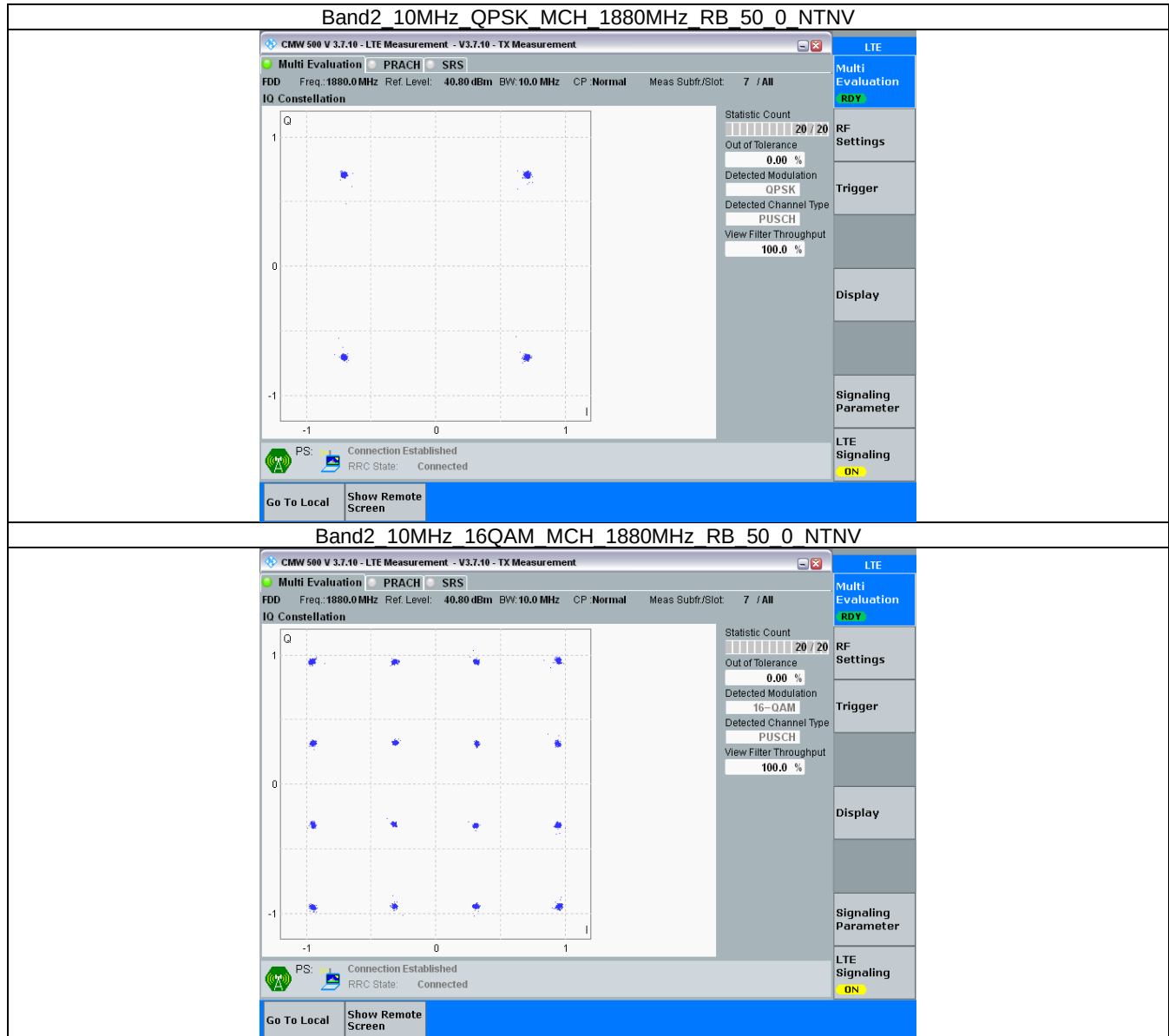
3.2.2 B2_3MHz



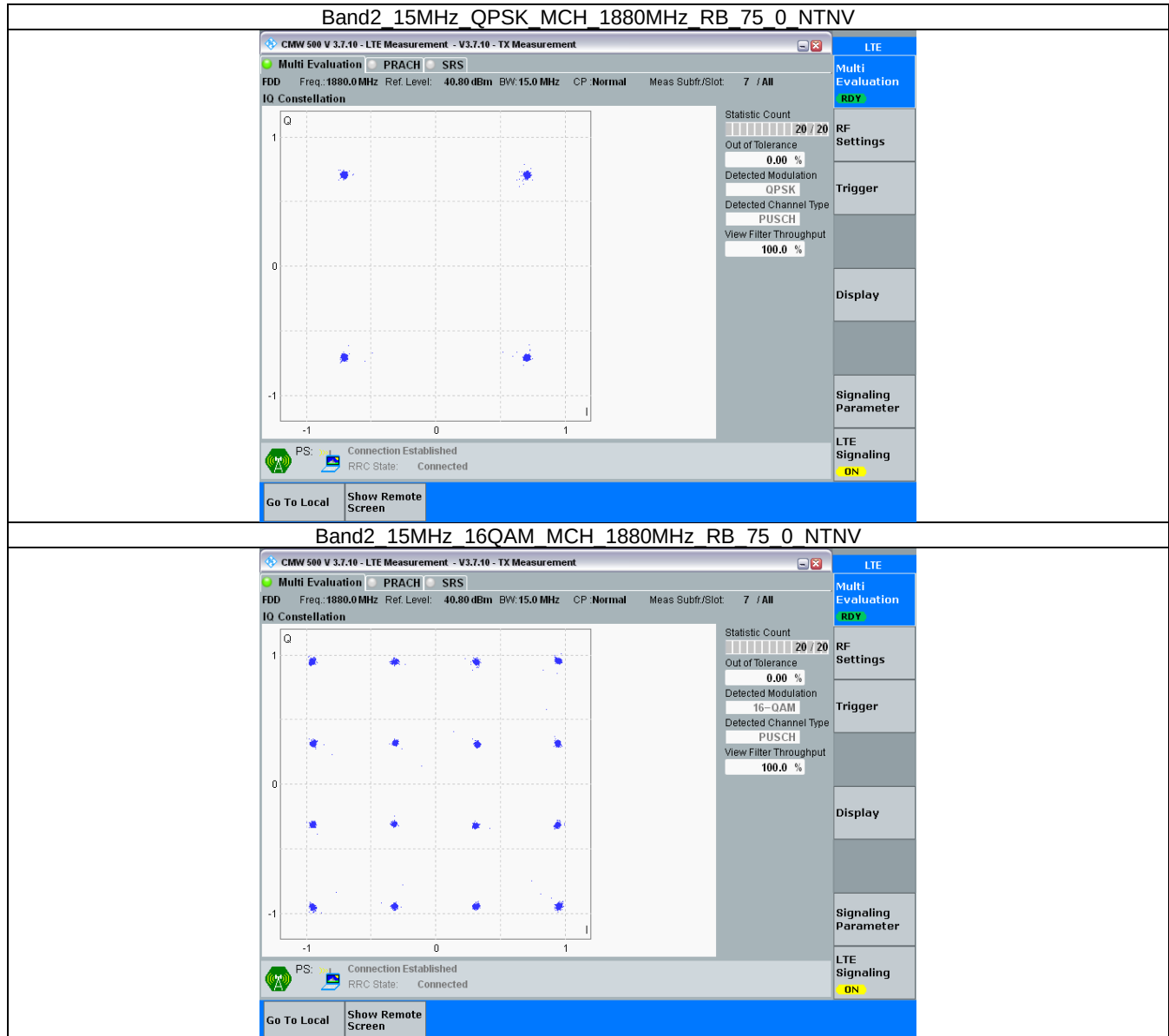
3.2.3 B2_5MHz



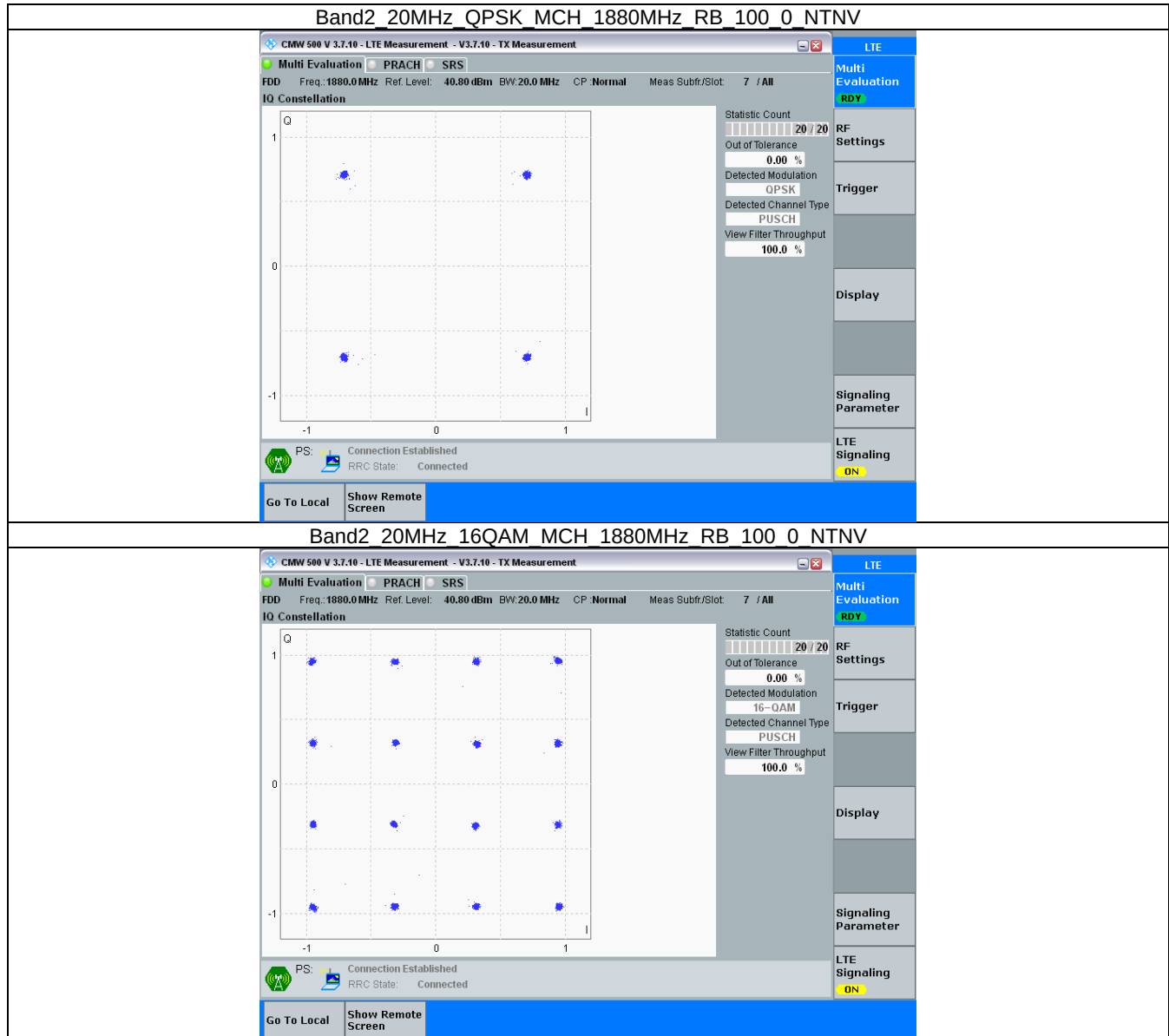
3.2.4 B2_10MHz



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	1.111	/	Pass
		1880	6	0	1.118	/	Pass
		1909.3	6	0	1.112	/	Pass
	16QAM	1850.7	6	0	1.114	/	Pass
		1880	6	0	1.105	/	Pass
		1909.3	6	0	1.117	/	Pass
3	QPSK	1851.5	15	0	2.739	/	Pass
		1880	15	0	2.724	/	Pass
		1908.5	15	0	2.736	/	Pass
	16QAM	1851.5	15	0	2.730	/	Pass
		1880	15	0	2.723	/	Pass
		1908.5	15	0	2.734	/	Pass
5	QPSK	1852.5	25	0	4.541	/	Pass
		1880	25	0	4.542	/	Pass
		1907.5	25	0	4.565	/	Pass
	16QAM	1852.5	25	0	4.542	/	Pass
		1880	25	0	4.547	/	Pass
		1907.5	25	0	4.532	/	Pass
10	QPSK	1855	50	0	9.043	/	Pass
		1880	50	0	9.031	/	Pass
		1905	50	0	9.062	/	Pass
	16QAM	1855	50	0	9.046	/	Pass
		1880	50	0	9.053	/	Pass
		1905	50	0	9.056	/	Pass
15	QPSK	1857.5	75	0	13.574	/	Pass
		1880	75	0	13.557	/	Pass
		1902.5	75	0	13.635	/	Pass
	16QAM	1857.5	75	0	13.607	/	Pass
		1880	75	0	13.570	/	Pass
		1902.5	75	0	13.623	/	Pass
20	QPSK	1860	100	0	18.062	/	Pass
		1880	100	0	18.085	/	Pass
		1900	100	0	18.181	/	Pass
	16QAM	1860	100	0	18.060	/	Pass
		1880	100	0	18.053	/	Pass
		1900	100	0	18.219	/	Pass

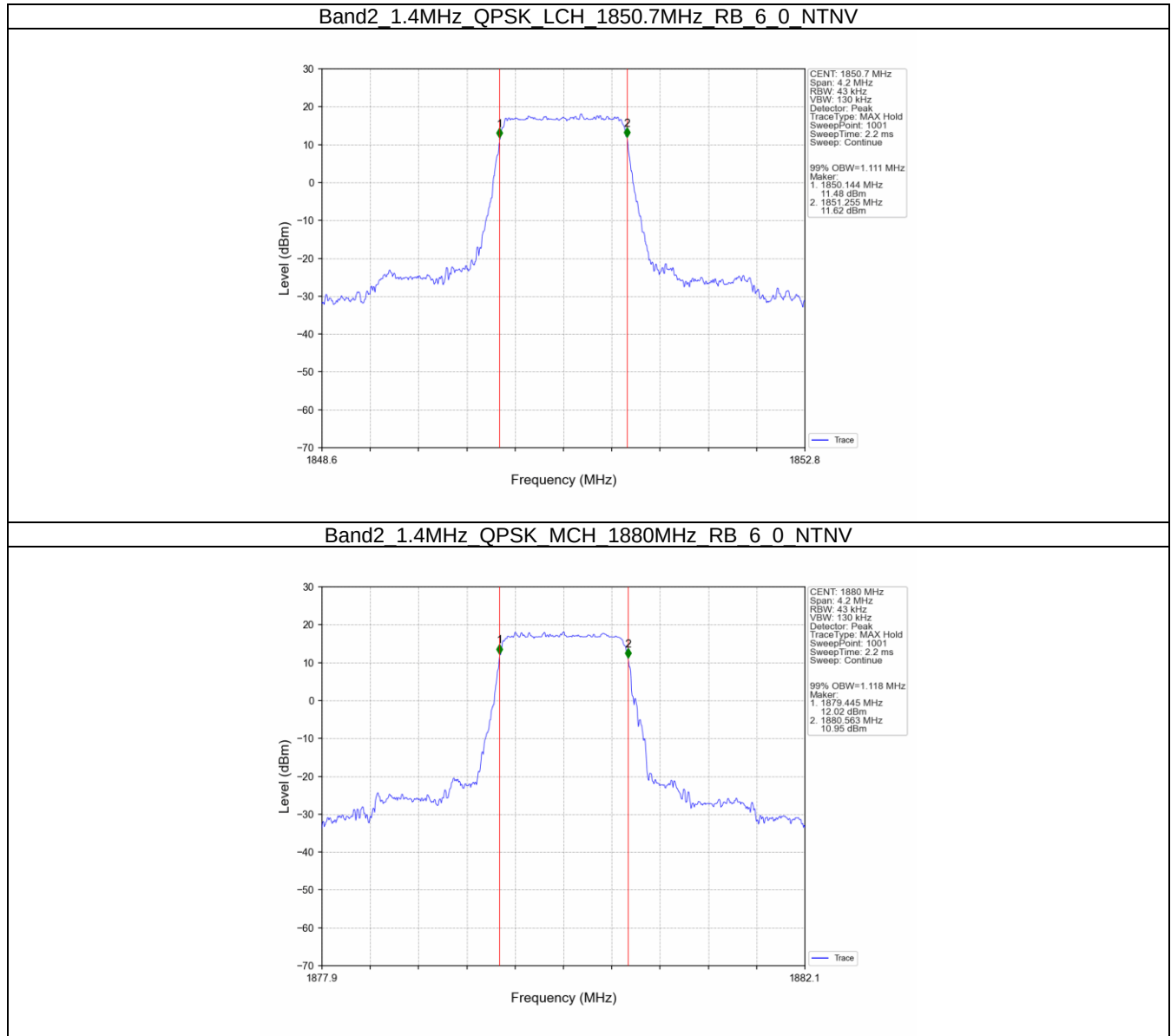
4.1.2 Band2_XDB

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	1.308	/	Pass
		1880	6	0	1.340	/	Pass
		1909.3	6	0	1.318	/	Pass

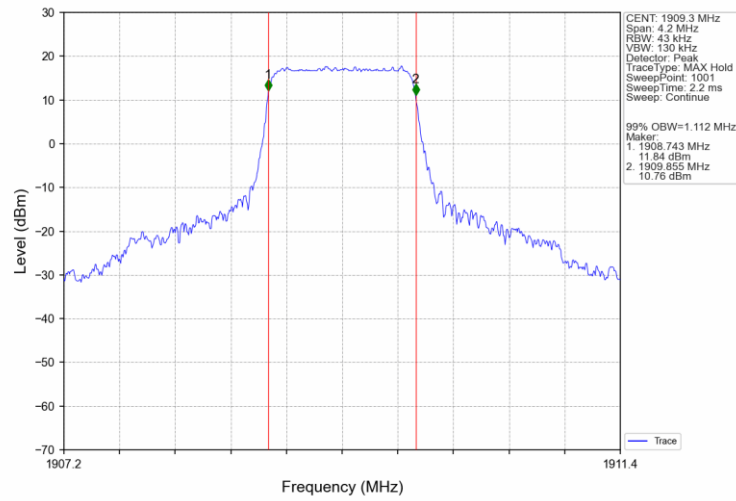
	16QAM	1850.7	6	0	1.322	/	Pass
		1880	6	0	1.321	/	Pass
		1909.3	6	0	1.332	/	Pass
3	QPSK	1851.5	15	0	3.018	/	Pass
		1880	15	0	3.005	/	Pass
		1908.5	15	0	3.010	/	Pass
	16QAM	1851.5	15	0	3.020	/	Pass
		1880	15	0	3.019	/	Pass
		1908.5	15	0	3.032	/	Pass
5	QPSK	1852.5	25	0	5.057	/	Pass
		1880	25	0	5.050	/	Pass
		1907.5	25	0	5.056	/	Pass
	16QAM	1852.5	25	0	5.066	/	Pass
		1880	25	0	5.051	/	Pass
		1907.5	25	0	5.023	/	Pass
10	QPSK	1855	50	0	10.050	/	Pass
		1880	50	0	9.979	/	Pass
		1905	50	0	9.963	/	Pass
	16QAM	1855	50	0	9.974	/	Pass
		1880	50	0	9.829	/	Pass
		1905	50	0	9.892	/	Pass
15	QPSK	1857.5	75	0	14.884	/	Pass
		1880	75	0	14.890	/	Pass
		1902.5	75	0	14.891	/	Pass
	16QAM	1857.5	75	0	14.976	/	Pass
		1880	75	0	15.022	/	Pass
		1902.5	75	0	14.992	/	Pass
20	QPSK	1860	100	0	19.795	/	Pass
		1880	100	0	19.705	/	Pass
		1900	100	0	19.682	/	Pass
	16QAM	1860	100	0	19.801	/	Pass
		1880	100	0	19.765	/	Pass
		1900	100	0	19.709	/	Pass

4.2 Test Graph

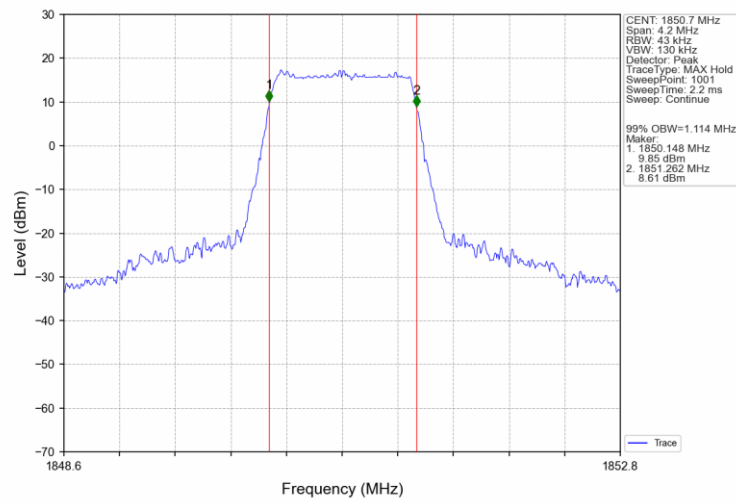
4.2.1 Band2_OBW



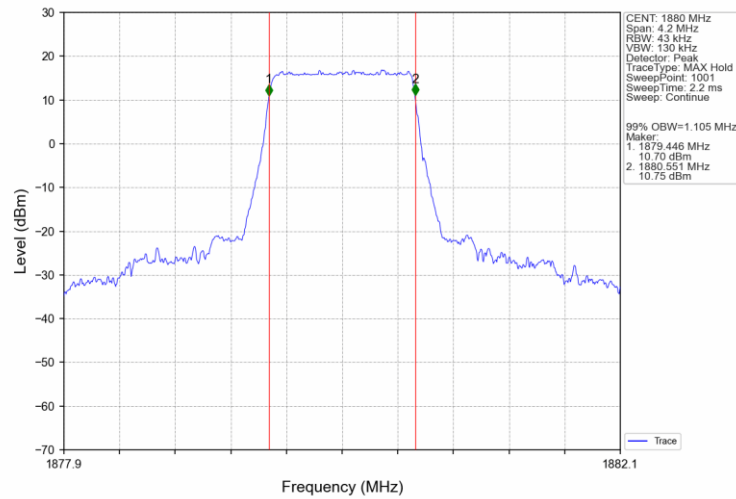
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



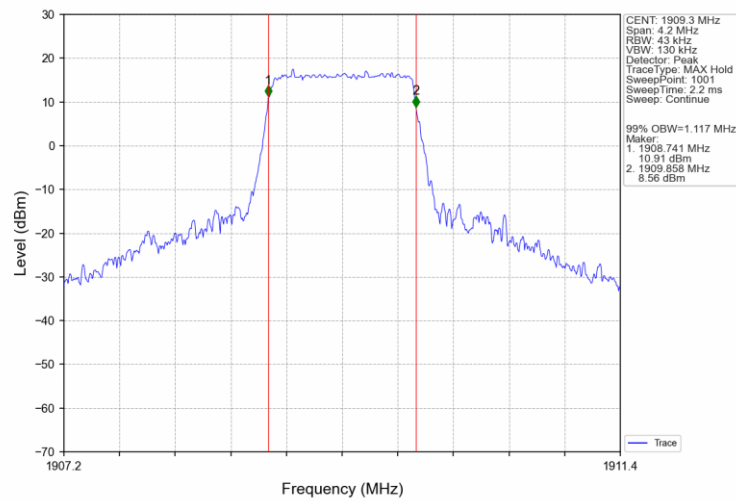
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



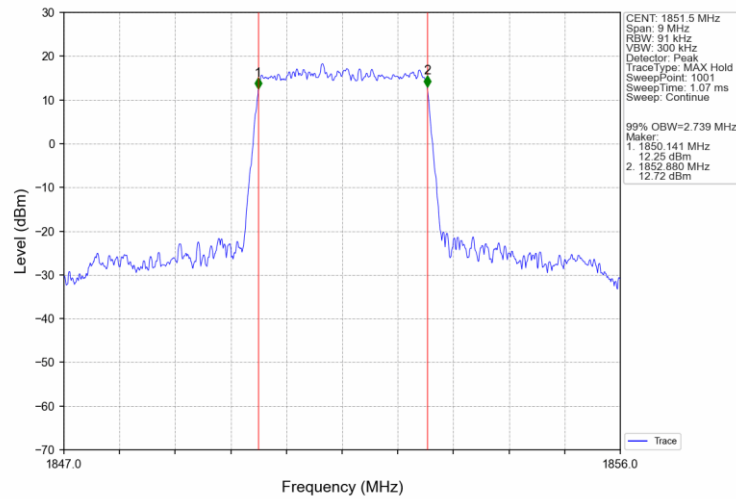
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



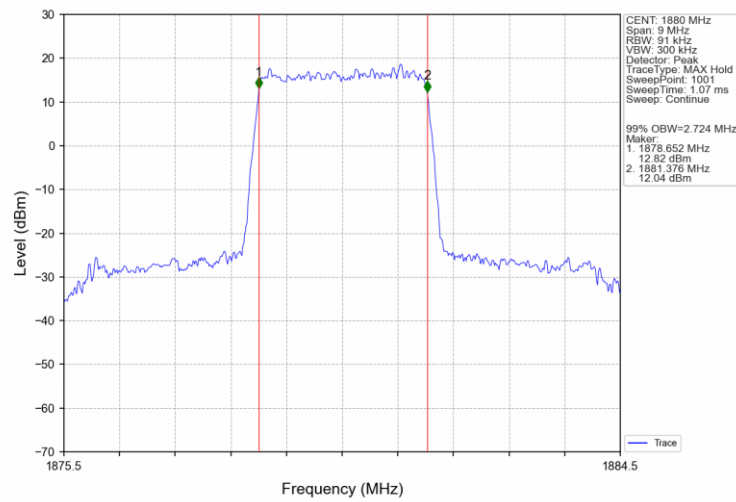
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



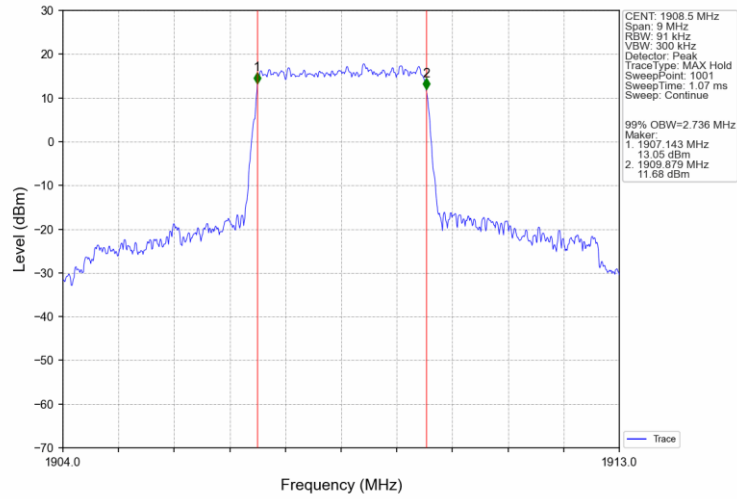
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



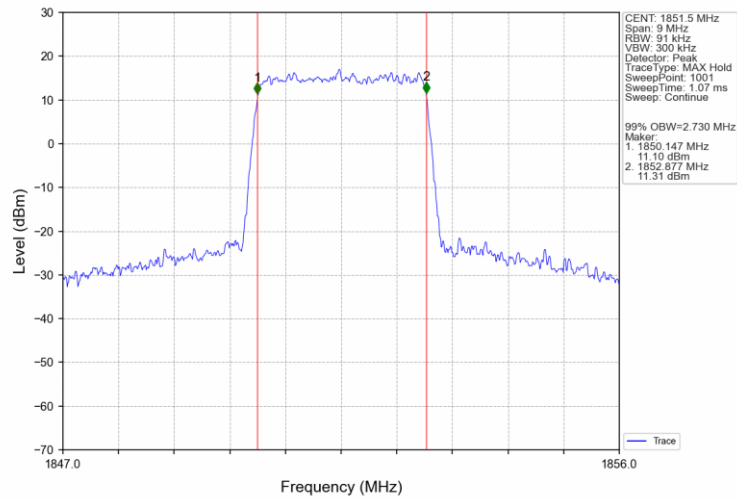
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



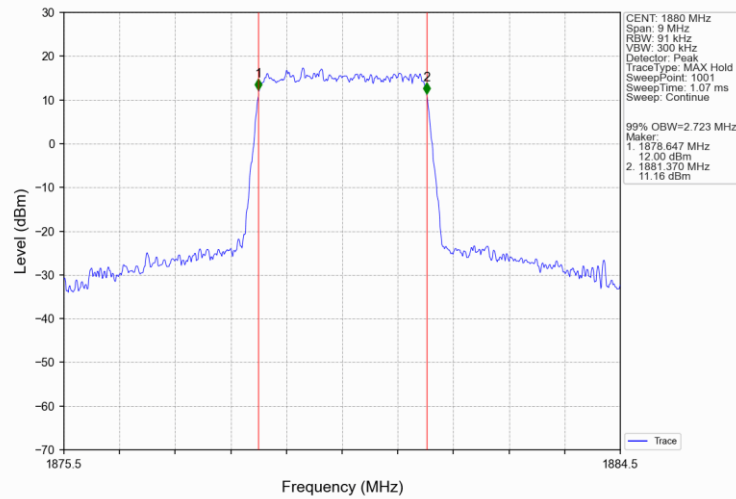
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



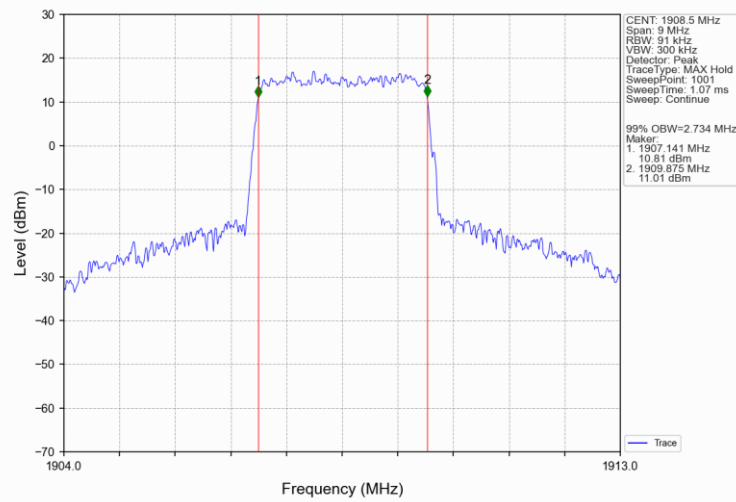
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



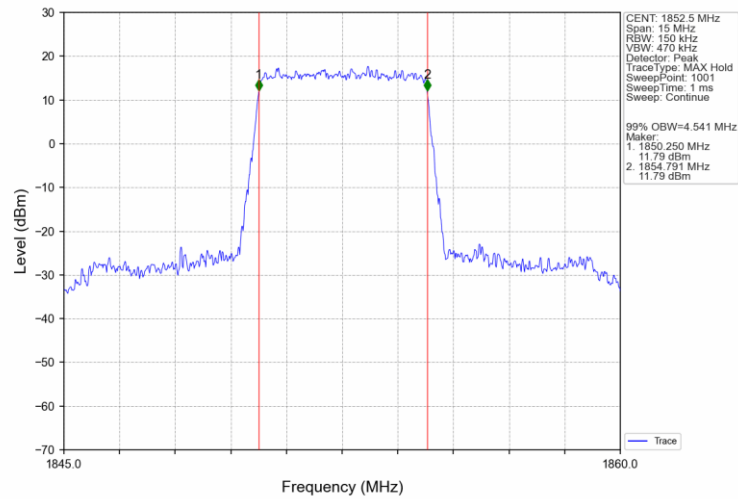
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



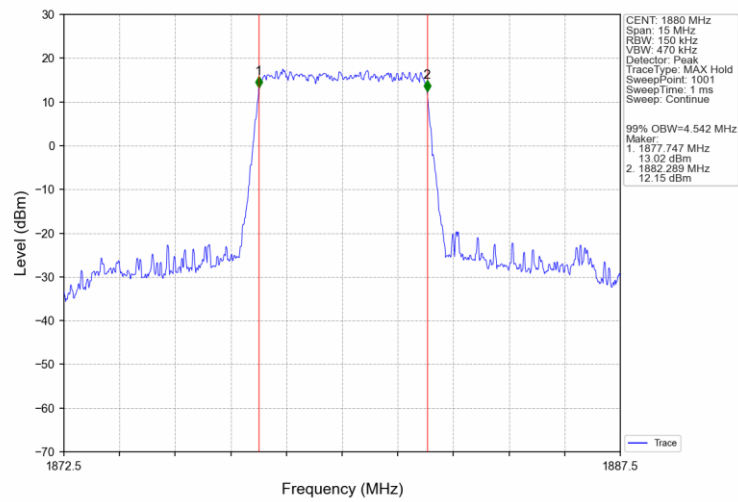
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



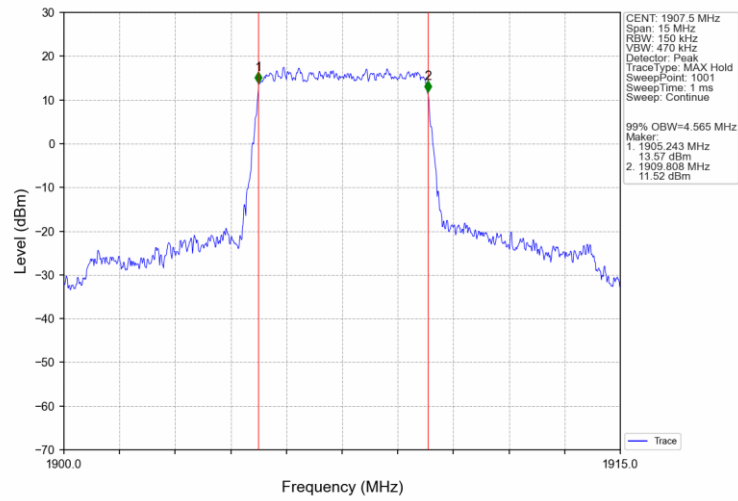
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



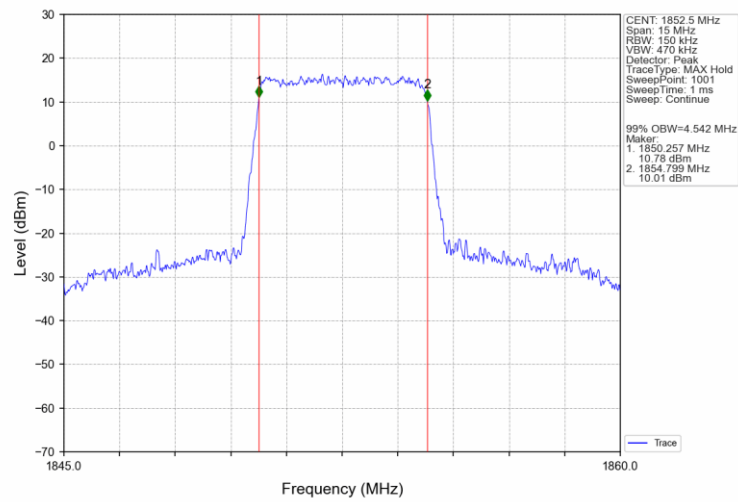
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



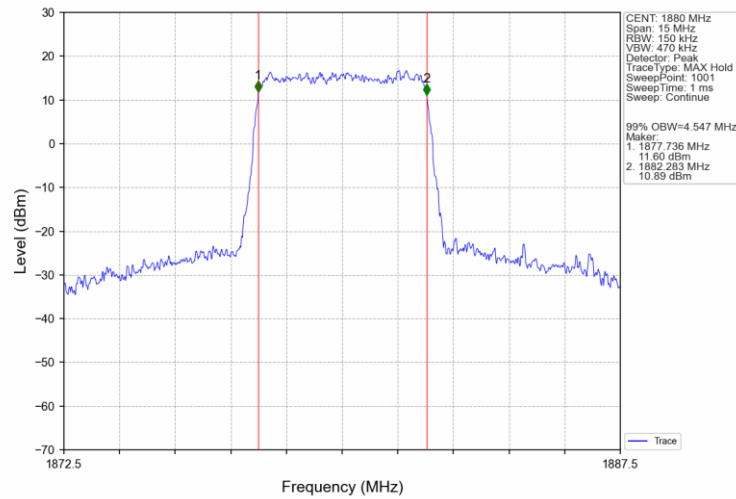
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



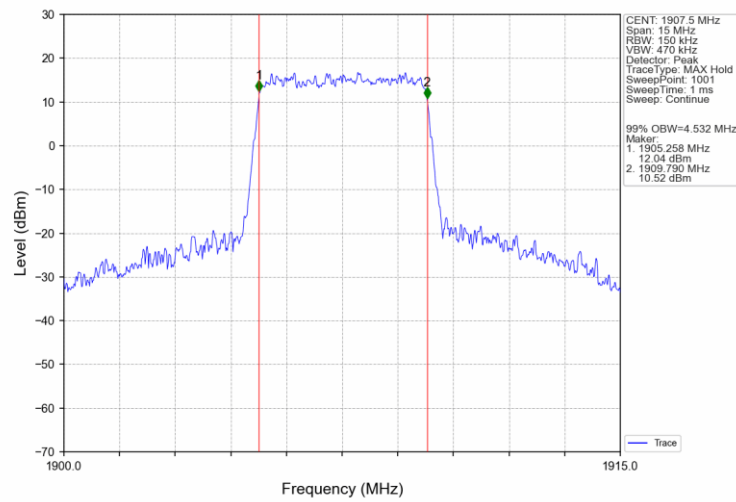
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



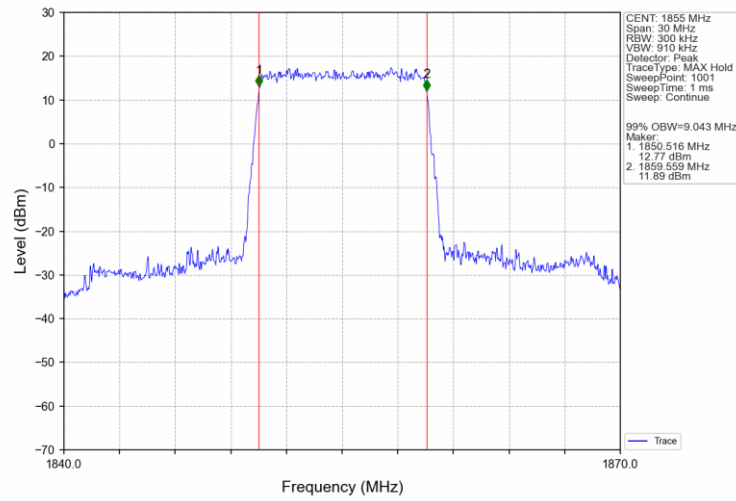
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



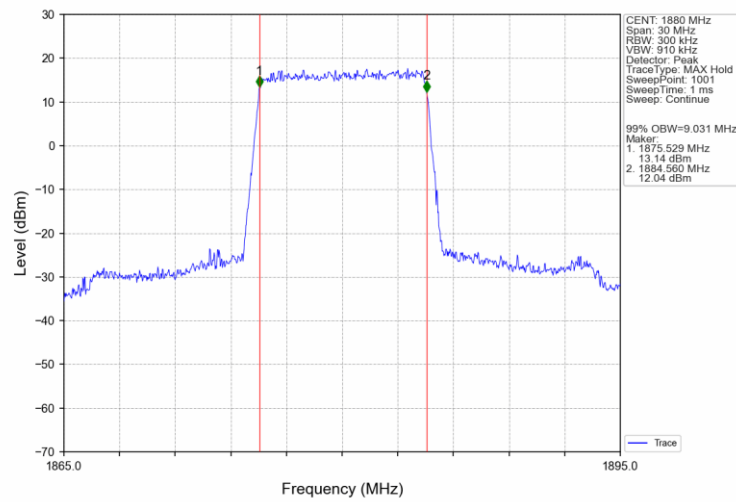
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



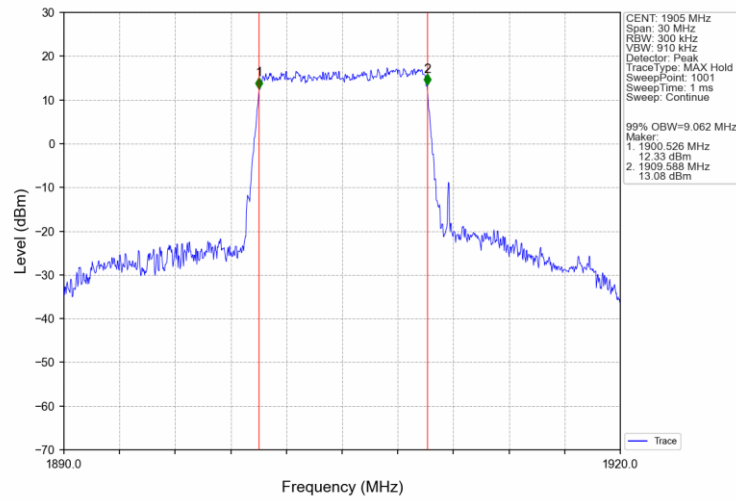
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



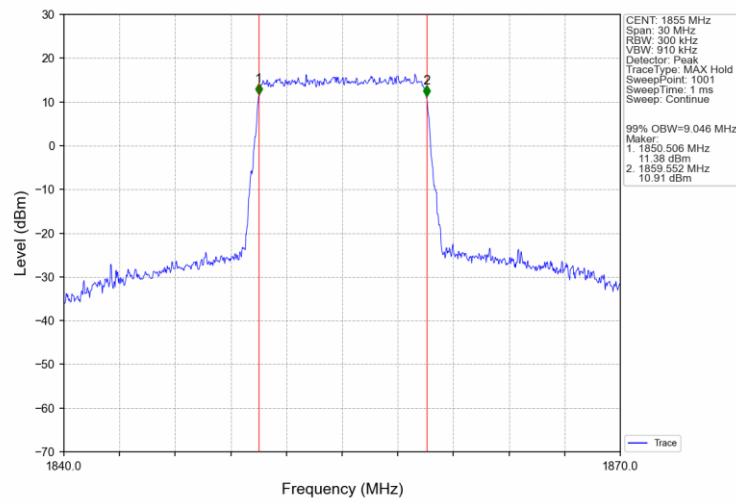
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



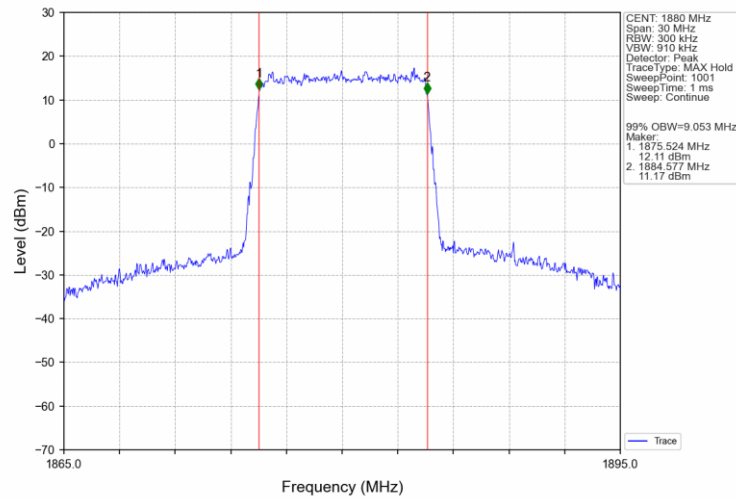
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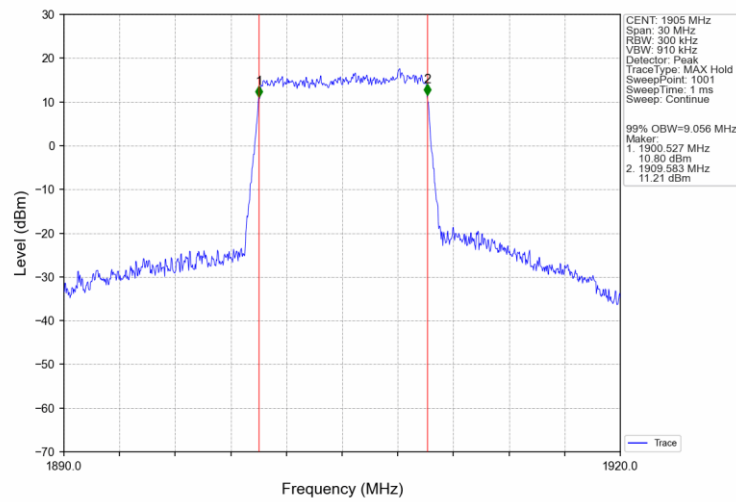
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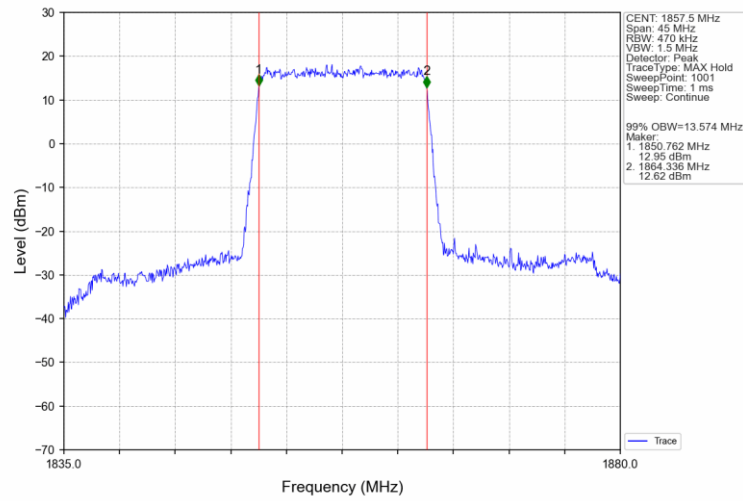
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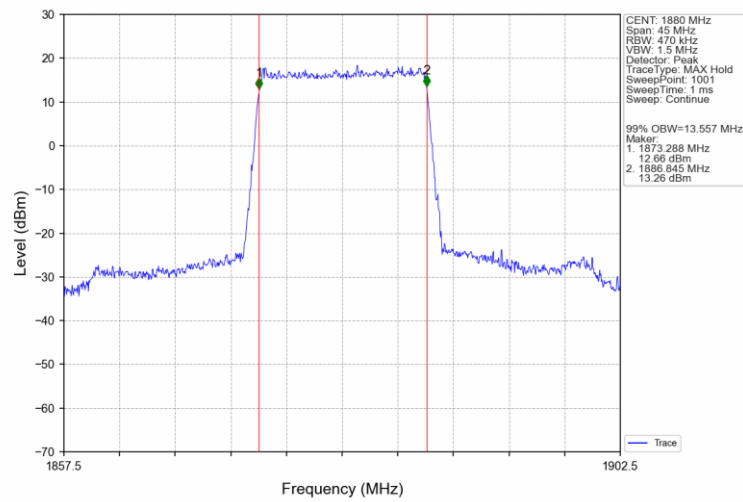
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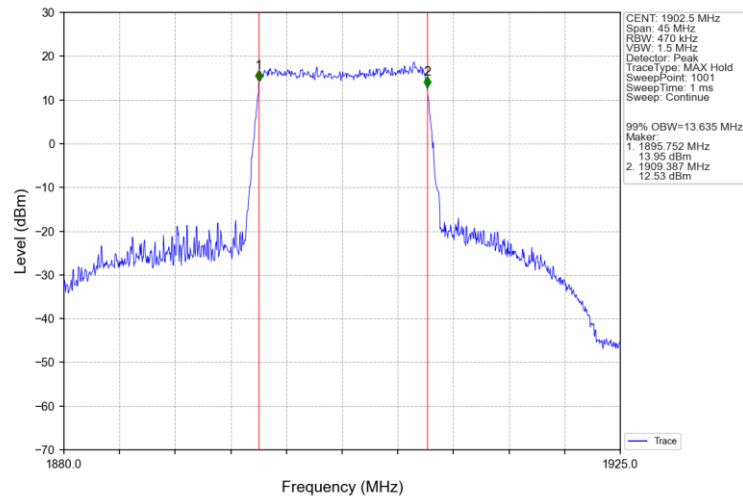
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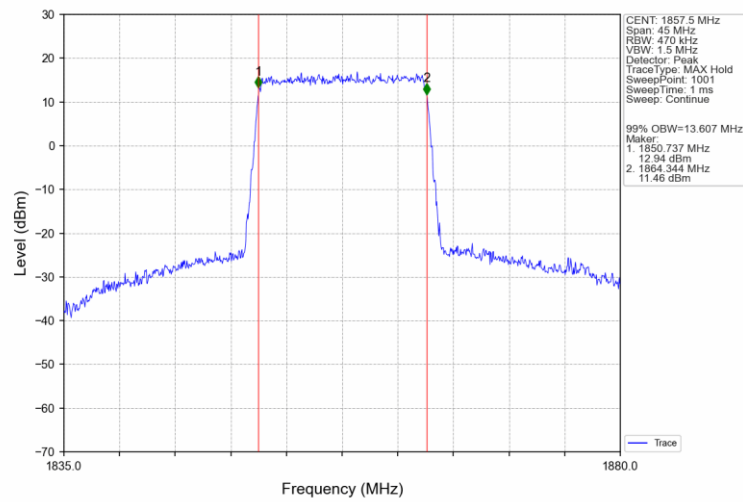
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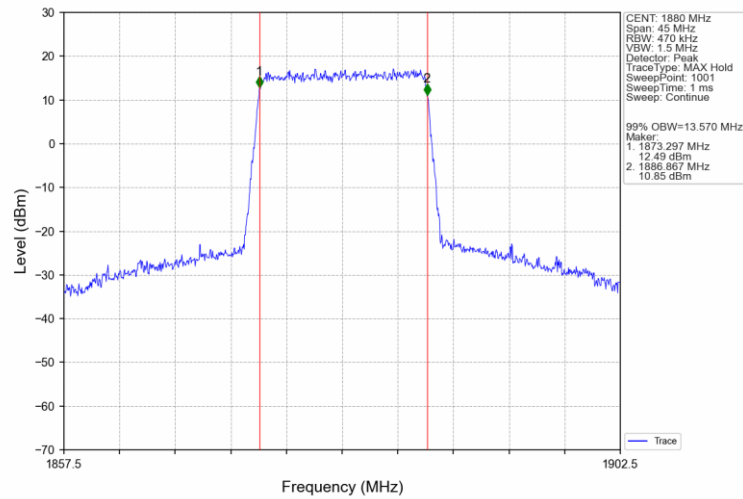
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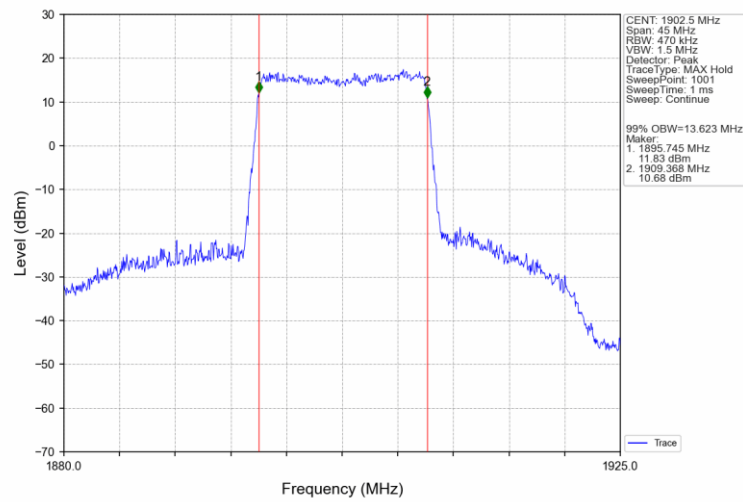
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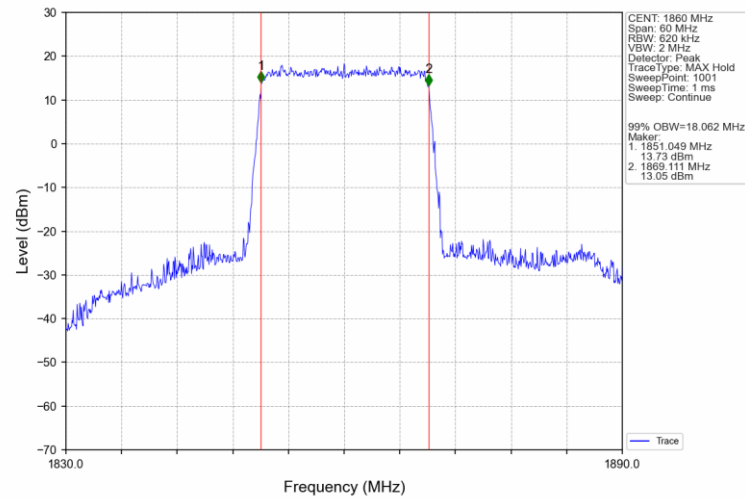
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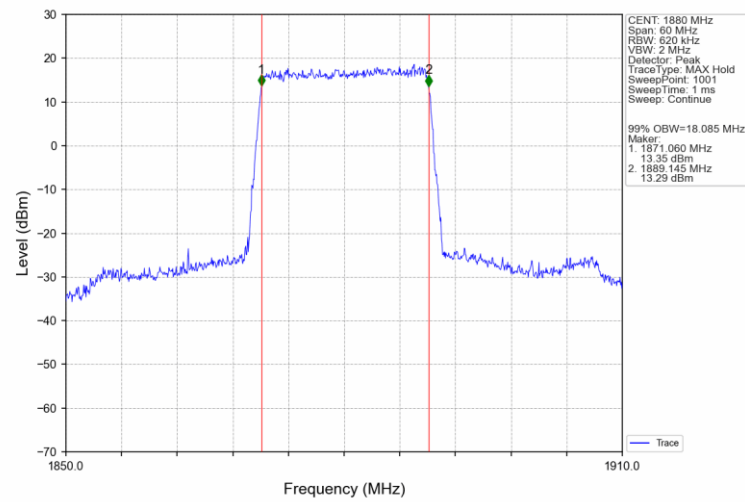
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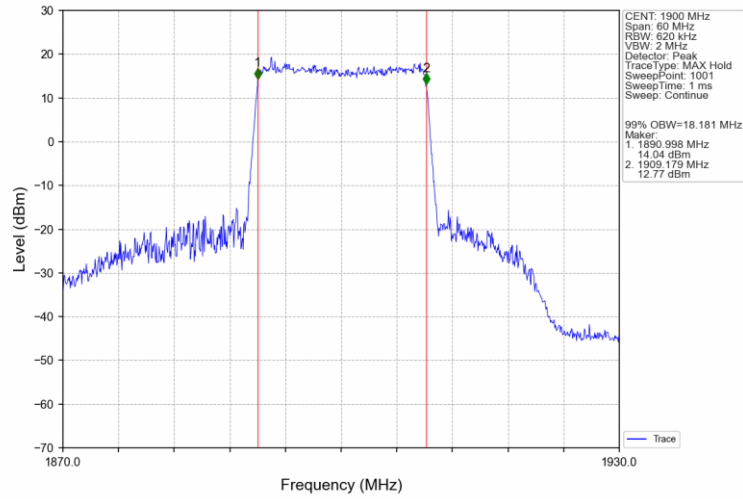
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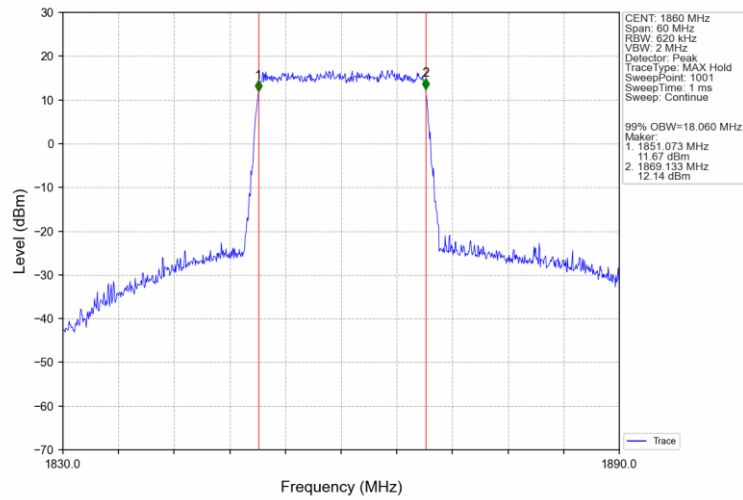
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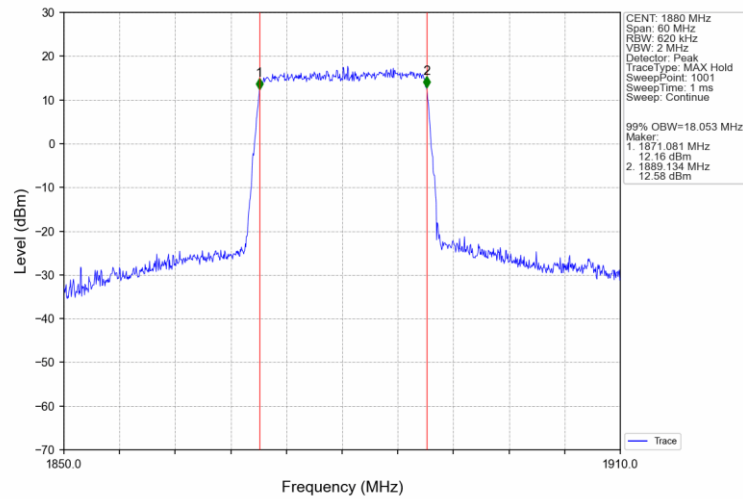
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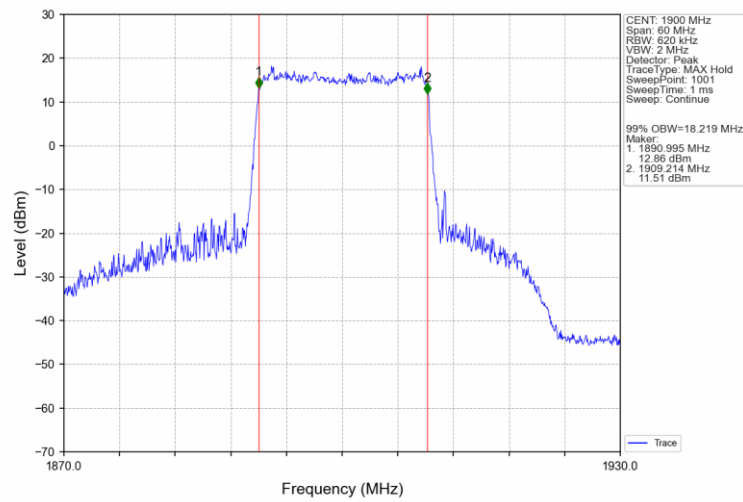
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Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

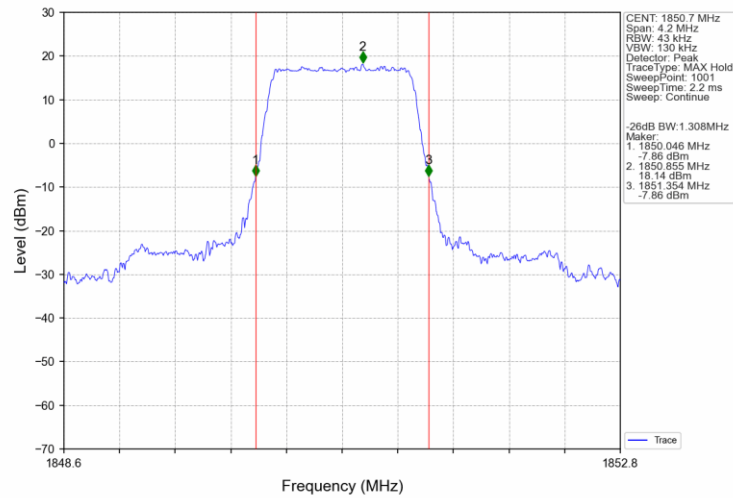


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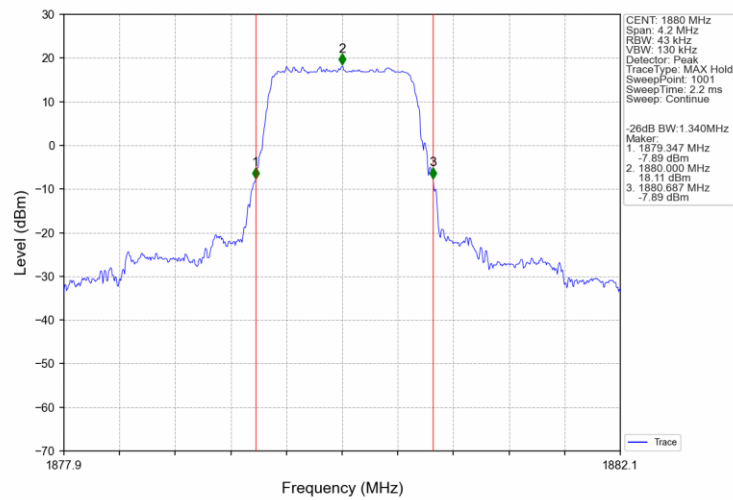


4.2.2 Band2_XDB

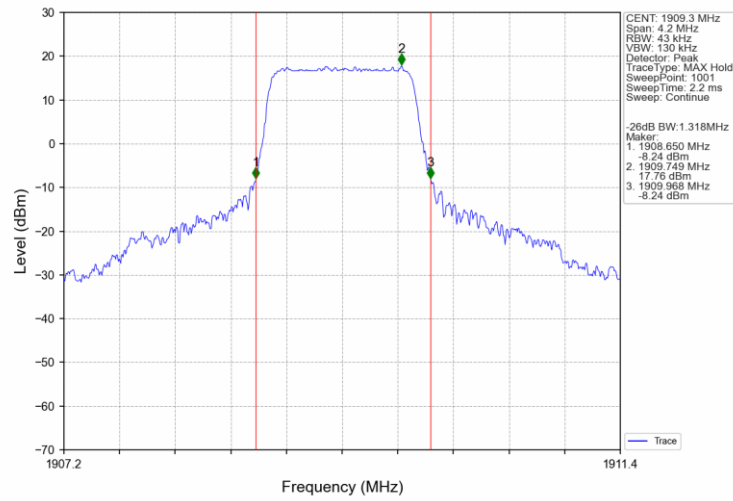
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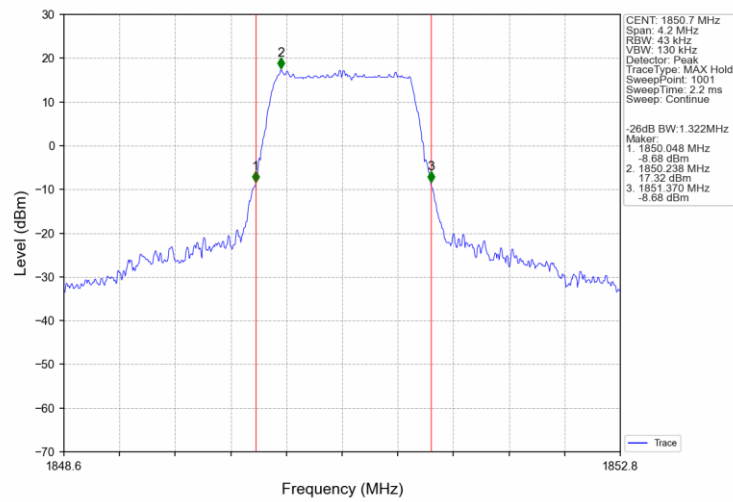
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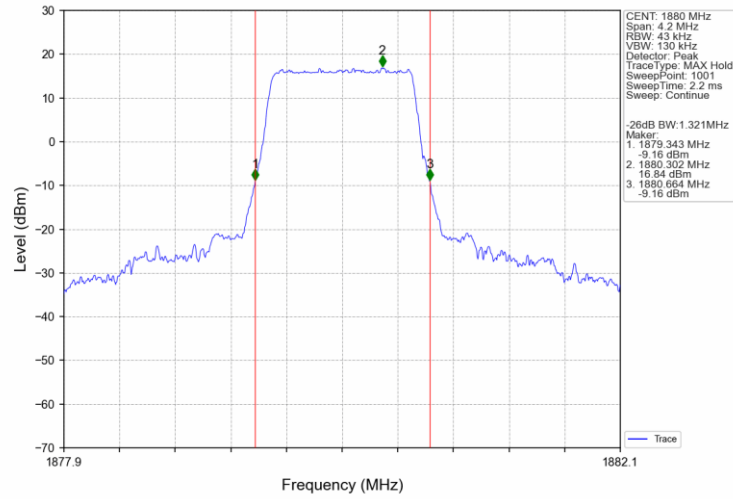
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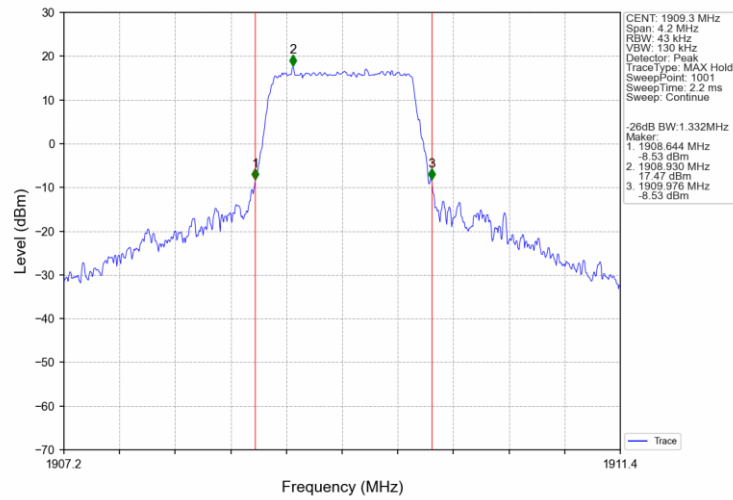
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



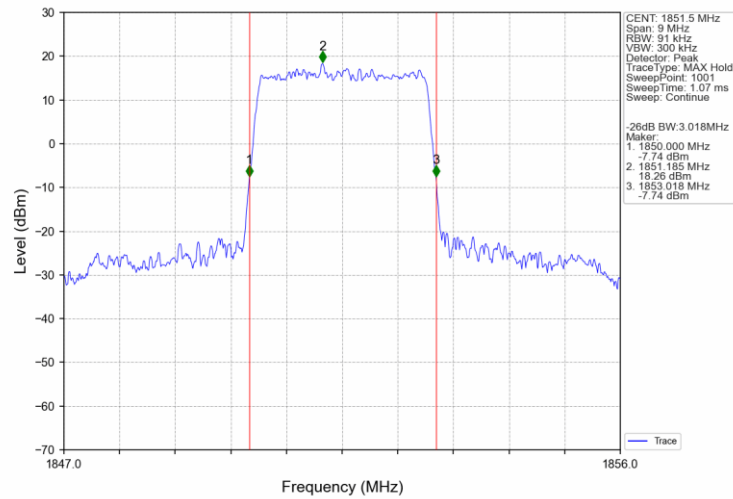
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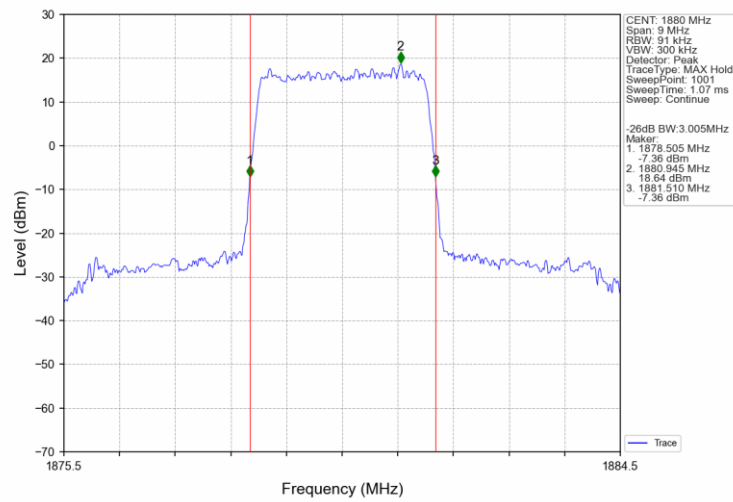
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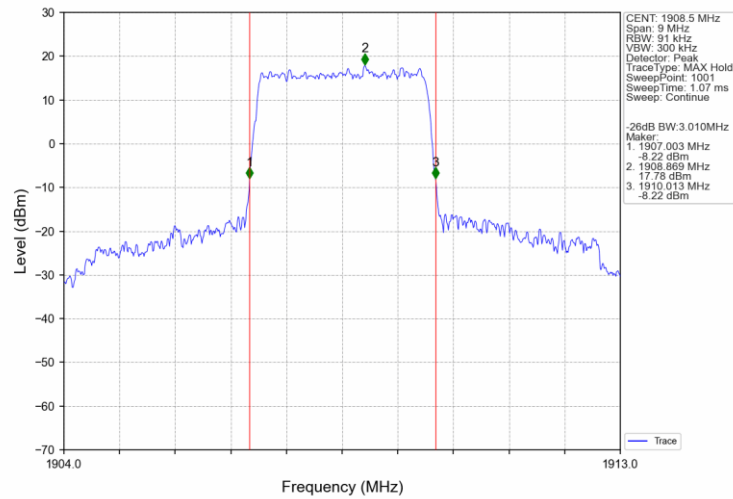
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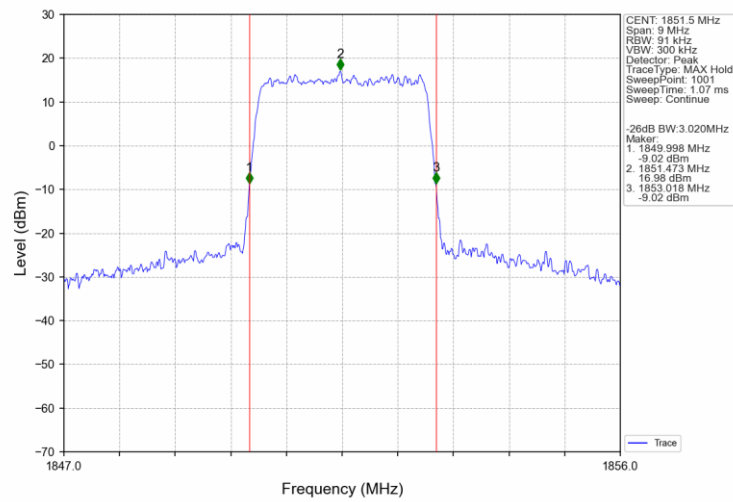
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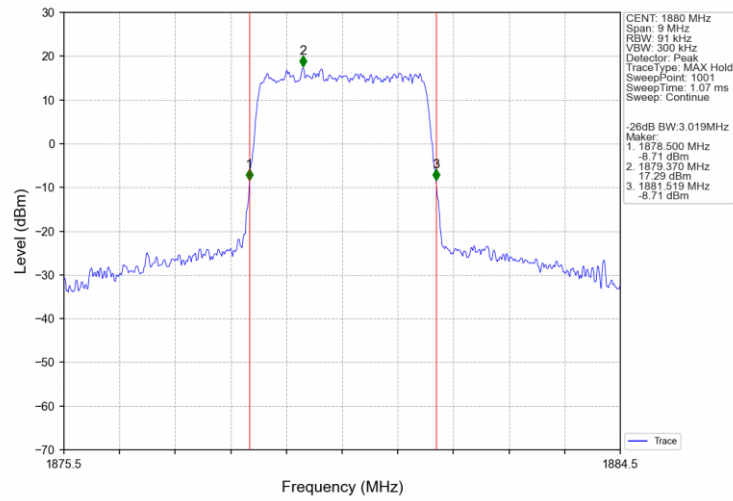
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

