

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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	24.81	0.81	25.62	<=33.01	Pass
			2	24.82	0.81	25.63	<=33.01	Pass
			5	24.79	0.81	25.60	<=33.01	Pass
		3	0	24.80	0.81	25.61	<=33.01	Pass
			2	24.87	0.81	25.68	<=33.01	Pass
			3	24.85	0.81	25.66	<=33.01	Pass
		6	0	23.91	0.81	24.72	<=33.01	Pass
			0	24.55	0.81	25.36	<=33.01	Pass
			2	24.50	0.81	25.31	<=33.01	Pass
	1880	1	5	24.54	0.81	25.35	<=33.01	Pass
			0	25.13	0.81	25.94	<=33.01	Pass
			2	25.08	0.81	25.89	<=33.01	Pass
		3	3	25.08	0.81	25.89	<=33.01	Pass
			0	24.14	0.81	24.95	<=33.01	Pass
			0	24.53	0.81	25.34	<=33.01	Pass
		6	2	24.55	0.81	25.36	<=33.01	Pass
			5	24.54	0.81	25.35	<=33.01	Pass
			0	25.10	0.81	25.91	<=33.01	Pass
	1909.3	3	2	25.15	0.81	25.96	<=33.01	Pass
			3	25.14	0.81	25.95	<=33.01	Pass
			0	24.10	0.81	24.91	<=33.01	Pass
16QAM	1850.7	1	0	24.04	0.81	24.85	<=33.01	Pass
			2	24.03	0.81	24.84	<=33.01	Pass
			5	24.04	0.81	24.85	<=33.01	Pass
		3	0	23.88	0.81	24.69	<=33.01	Pass
			2	23.87	0.81	24.68	<=33.01	Pass
			3	23.88	0.81	24.69	<=33.01	Pass
		6	0	22.92	0.81	23.73	<=33.01	Pass
			0	23.62	0.81	24.43	<=33.01	Pass
			2	23.59	0.81	24.40	<=33.01	Pass
	1880	1	5	23.57	0.81	24.38	<=33.01	Pass
			0	24.27	0.81	25.08	<=33.01	Pass
			2	24.27	0.81	25.08	<=33.01	Pass
		3	3	24.27	0.81	25.08	<=33.01	Pass
			0	23.12	0.81	23.93	<=33.01	Pass
			0	23.61	0.81	24.42	<=33.01	Pass
		6	2	23.62	0.81	24.43	<=33.01	Pass
			5	23.69	0.81	24.50	<=33.01	Pass
			0	24.10	0.81	24.91	<=33.01	Pass
	1909.3	3	2	24.07	0.81	24.88	<=33.01	Pass
			3	24.07	0.81	24.88	<=33.01	Pass
			0	23.01	0.81	23.82	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict



Note1: EIRP=Conducted Power+Antenna Gain

Band: 2 / Bandwidth: 5MHz / NTNV

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	24.47	0.81	25.28	<=33.01	Pass
			13	24.48	0.81	25.29	<=33.01	Pass
			24	24.50	0.81	25.31	<=33.01	Pass
		12	0	23.91	0.81	24.72	<=33.01	Pass
			6	23.91	0.81	24.72	<=33.01	Pass
			13	23.95	0.81	24.76	<=33.01	Pass
	25	0	23.93	0.81	24.74	<=33.01	Pass	
	1880	1	0	24.70	0.81	25.51	<=33.01	Pass

16QAM	1907.5	12	13	24.69	0.81	25.50	<=33.01	Pass
			24	24.71	0.81	25.52	<=33.01	Pass
			0	24.17	0.81	24.98	<=33.01	Pass
		25	6	24.14	0.81	24.95	<=33.01	Pass
			13	24.13	0.81	24.94	<=33.01	Pass
			0	24.17	0.81	24.98	<=33.01	Pass
		1	0	24.80	0.81	25.61	<=33.01	Pass
			13	24.81	0.81	25.62	<=33.01	Pass
			24	24.85	0.81	25.66	<=33.01	Pass
	1852.5	12	0	24.13	0.81	24.94	<=33.01	Pass
			6	24.09	0.81	24.90	<=33.01	Pass
			13	24.07	0.81	24.88	<=33.01	Pass
		25	0	24.11	0.81	24.92	<=33.01	Pass
			0	23.51	0.81	24.32	<=33.01	Pass
			13	23.54	0.81	24.35	<=33.01	Pass
			24	23.55	0.81	24.36	<=33.01	Pass
		1	0	22.87	0.81	23.68	<=33.01	Pass
			6	22.86	0.81	23.67	<=33.01	Pass
			13	22.87	0.81	23.68	<=33.01	Pass
16QAM	1880	25	0	22.93	0.81	23.74	<=33.01	Pass
			0	23.92	0.81	24.73	<=33.01	Pass
			13	23.91	0.81	24.72	<=33.01	Pass
		1	24	23.91	0.81	24.72	<=33.01	Pass
			0	23.18	0.81	23.99	<=33.01	Pass
			6	23.16	0.81	23.97	<=33.01	Pass
		12	13	23.16	0.81	23.97	<=33.01	Pass
			0	23.15	0.81	23.96	<=33.01	Pass
			0	23.50	0.81	24.31	<=33.01	Pass
	1907.5	1	13	23.49	0.81	24.30	<=33.01	Pass
			24	23.54	0.81	24.35	<=33.01	Pass
			0	23.15	0.81	23.96	<=33.01	Pass
		12	6	23.10	0.81	23.91	<=33.01	Pass
			13	23.07	0.81	23.88	<=33.01	Pass
			0	23.13	0.81	23.94	<=33.01	Pass
		25	0	23.13	0.81	23.94	<=33.01	Pass
			0	23.13	0.81	23.94	<=33.01	Pass
			0	23.13	0.81	23.94	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.37	0.81	25.18	<=33.01	Pass
			25	24.47	0.81	25.28	<=33.01	Pass
			49	24.49	0.81	25.30	<=33.01	Pass
		25	0	23.90	0.81	24.71	<=33.01	Pass
			13	23.98	0.81	24.79	<=33.01	Pass
			25	24.07	0.81	24.88	<=33.01	Pass
		50	0	24.04	0.81	24.85	<=33.01	Pass
			0	24.59	0.81	25.40	<=33.01	Pass
			25	24.65	0.81	25.46	<=33.01	Pass
	1880	1	49	24.60	0.81	25.41	<=33.01	Pass
			0	24.20	0.81	25.01	<=33.01	Pass
			13	24.18	0.81	24.99	<=33.01	Pass
		25	25	24.17	0.81	24.98	<=33.01	Pass
			0	24.19	0.81	25.00	<=33.01	Pass
			0	24.57	0.81	25.38	<=33.01	Pass
		1	25	24.65	0.81	25.46	<=33.01	Pass
			49	24.67	0.81	25.48	<=33.01	Pass
			0	24.67	0.81	25.48	<=33.01	Pass

16QAM	1855	25	0	24.26	0.81	25.07	<=33.01	Pass
			13	24.11	0.81	24.92	<=33.01	Pass
			25	24.09	0.81	24.90	<=33.01	Pass
		50	0	24.17	0.81	24.98	<=33.01	Pass
			13	23.06	0.81	23.87	<=33.01	Pass
			25	23.13	0.81	23.94	<=33.01	Pass
		1	0	23.01	0.81	23.82	<=33.01	Pass
			25	23.78	0.81	24.59	<=33.01	Pass
			49	23.82	0.81	24.63	<=33.01	Pass
	1880	25	0	23.22	0.81	24.03	<=33.01	Pass
			13	23.19	0.81	24.00	<=33.01	Pass
			25	23.17	0.81	23.98	<=33.01	Pass
		50	0	23.16	0.81	23.97	<=33.01	Pass
			13	23.15	0.81	23.96	<=33.01	Pass
			25	23.16	0.81	23.97	<=33.01	Pass
		1	0	24.08	0.81	24.89	<=33.01	Pass
			25	24.13	0.81	24.94	<=33.01	Pass
			49	24.11	0.81	24.92	<=33.01	Pass
	1905	25	0	23.27	0.81	24.08	<=33.01	Pass
			13	23.15	0.81	23.96	<=33.01	Pass
			25	23.16	0.81	23.97	<=33.01	Pass
		50	0	23.15	0.81	23.96	<=33.01	Pass
			13	23.15	0.81	23.96	<=33.01	Pass
			25	23.16	0.81	23.97	<=33.01	Pass
		1	0	24.08	0.81	24.89	<=33.01	Pass
			25	24.13	0.81	24.94	<=33.01	Pass
			49	24.11	0.81	24.92	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	24.24	0.81	25.05	<=33.01	Pass
			38	24.39	0.81	25.20	<=33.01	Pass
			74	24.46	0.81	25.27	<=33.01	Pass
		36	0	23.83	0.81	24.64	<=33.01	Pass
			18	23.92	0.81	24.73	<=33.01	Pass
			39	24.02	0.81	24.83	<=33.01	Pass
		75	0	23.95	0.81	24.76	<=33.01	Pass
			38	24.50	0.81	25.31	<=33.01	Pass
			74	24.61	0.81	25.42	<=33.01	Pass
	1880	1	0	24.55	0.81	25.36	<=33.01	Pass
			38	24.18	0.81	24.99	<=33.01	Pass
			74	24.09	0.81	24.90	<=33.01	Pass
		36	0	24.14	0.81	24.95	<=33.01	Pass
			18	24.17	0.81	24.98	<=33.01	Pass
			39	24.17	0.81	24.98	<=33.01	Pass
		75	0	24.17	0.81	24.98	<=33.01	Pass
			38	24.54	0.81	25.35	<=33.01	Pass
			74	24.57	0.81	25.38	<=33.01	Pass
	1902.5	1	0	24.62	0.81	25.43	<=33.01	Pass
			38	24.10	0.81	24.91	<=33.01	Pass
			74	24.11	0.81	24.92	<=33.01	Pass
		36	0	24.11	0.81	24.92	<=33.01	Pass
			18	24.11	0.81	24.92	<=33.01	Pass
			39	24.01	0.81	24.82	<=33.01	Pass
		75	0	24.11	0.81	24.92	<=33.01	Pass
			38	23.69	0.81	24.50	<=33.01	Pass
			74	23.86	0.81	24.67	<=33.01	Pass
16QAM	1857.5	1	0	23.69	0.81	24.50	<=33.01	Pass
			38	23.86	0.81	24.67	<=33.01	Pass
			74	23.87	0.81	24.68	<=33.01	Pass
		36	0	22.82	0.81	23.63	<=33.01	Pass
			18	22.92	0.81	23.73	<=33.01	Pass

		75	39	22.98	0.81	23.79	<=33.01	Pass
			0	22.93	0.81	23.74	<=33.01	Pass
			0	23.74	0.81	24.55	<=33.01	Pass
	1880	1	38	23.82	0.81	24.63	<=33.01	Pass
			74	23.74	0.81	24.55	<=33.01	Pass
			0	23.18	0.81	23.99	<=33.01	Pass
		36	18	23.09	0.81	23.90	<=33.01	Pass
			39	23.10	0.81	23.91	<=33.01	Pass
			75	23.13	0.81	23.94	<=33.01	Pass
	1902.5	1	0	24.07	0.81	24.88	<=33.01	Pass
			38	24.12	0.81	24.93	<=33.01	Pass
			74	24.08	0.81	24.89	<=33.01	Pass
		36	0	23.17	0.81	23.98	<=33.01	Pass
			18	23.14	0.81	23.95	<=33.01	Pass
			39	23.09	0.81	23.90	<=33.01	Pass
		75	0	23.12	0.81	23.93	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.29	0.81	25.10	<=33.01	Pass
			50	24.46	0.81	25.27	<=33.01	Pass
			99	24.50	0.81	25.31	<=33.01	Pass
		50	0	23.79	0.81	24.60	<=33.01	Pass
			25	24.00	0.81	24.81	<=33.01	Pass
			50	24.08	0.81	24.89	<=33.01	Pass
		100	0	23.92	0.81	24.73	<=33.01	Pass
			0	24.52	0.81	25.33	<=33.01	Pass
			50	24.66	0.81	25.47	<=33.01	Pass
	1880	1	99	24.56	0.81	25.37	<=33.01	Pass
			0	24.19	0.81	25.00	<=33.01	Pass
			25	24.16	0.81	24.97	<=33.01	Pass
		50	50	24.22	0.81	25.03	<=33.01	Pass
			0	24.18	0.81	24.99	<=33.01	Pass
			0	24.51	0.81	25.32	<=33.01	Pass
		100	50	24.60	0.81	25.41	<=33.01	Pass
			99	24.55	0.81	25.36	<=33.01	Pass
			0	24.09	0.81	24.90	<=33.01	Pass
	1900	50	25	24.11	0.81	24.92	<=33.01	Pass
			50	24.00	0.81	24.81	<=33.01	Pass
			0	24.07	0.81	24.88	<=33.01	Pass
16QAM	1860	1	0	23.87	0.81	24.68	<=33.01	Pass
			50	24.02	0.81	24.83	<=33.01	Pass
			99	24.13	0.81	24.94	<=33.01	Pass
		50	0	22.74	0.81	23.55	<=33.01	Pass
			25	22.95	0.81	23.76	<=33.01	Pass
			50	23.04	0.81	23.85	<=33.01	Pass
		100	0	22.90	0.81	23.71	<=33.01	Pass
			0	23.74	0.81	24.55	<=33.01	Pass
			50	23.88	0.81	24.69	<=33.01	Pass
	1880	1	99	23.77	0.81	24.58	<=33.01	Pass
			0	23.17	0.81	23.98	<=33.01	Pass
			25	23.14	0.81	23.95	<=33.01	Pass
		50	50	23.15	0.81	23.96	<=33.01	Pass
			0	23.17	0.81	23.98	<=33.01	Pass



	1900	1	0	23.78	0.81	24.59	<=33.01	Pass
			50	23.88	0.81	24.69	<=33.01	Pass
			99	23.82	0.81	24.63	<=33.01	Pass
		50	0	23.07	0.81	23.88	<=33.01	Pass
			25	23.10	0.81	23.91	<=33.01	Pass
			50	22.96	0.81	23.77	<=33.01	Pass
		100	0	23.07	0.81	23.88	<=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	13.833	0.0075	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
					4.43	2.375	0.0013	-2.5 to 2.5	Pass
				-30	3.85	10.357	0.0056	-2.5 to 2.5	Pass
				-20	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				-10	3.85	4.306	0.0023	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	11.916	0.0064	-2.5 to 2.5	Pass
				30	3.85	11.187	0.0060	-2.5 to 2.5	Pass
				40	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				50	3.85	-11.873	-0.0064	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-7.596	-0.0040	-2.5 to 2.5	Pass
					3.85	6.108	0.0032	-2.5 to 2.5	Pass
					4.43	-11.301	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	11.902	0.0063	-2.5 to 2.5	Pass
				-20	3.85	13.804	0.0073	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				0	3.85	-11.272	-0.0060	-2.5 to 2.5	Pass
				10	3.85	12.245	0.0065	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				40	3.85	13.633	0.0073	-2.5 to 2.5	Pass
				50	3.85	-9.756	-0.0052	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-4.234	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
					4.43	18.268	0.0096	-2.5 to 2.5	Pass
				-30	3.85	15.492	0.0081	-2.5 to 2.5	Pass
				-20	3.85	12.259	0.0064	-2.5 to 2.5	Pass
				-10	3.85	16.508	0.0086	-2.5 to 2.5	Pass
				0	3.85	-8.011	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0029	-2.5 to 2.5	Pass
				40	3.85	2.789	0.0015	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-8.426	-0.0046	-2.5 to 2.5	Pass
					3.85	4.077	0.0022	-2.5 to 2.5	Pass
					4.43	8.039	0.0043	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				0	3.85	13.733	0.0074	-2.5 to 2.5	Pass
				10	3.85	-11.845	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-12.503	-0.0068	-2.5 to 2.5	Pass
				40	3.85	3.061	0.0017	-2.5 to 2.5	Pass
				50	3.85	-10.257	-0.0055	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	18.897	0.0101	-2.5 to 2.5	Pass
					3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
					4.43	7.696	0.0041	-2.5 to 2.5	Pass
				-30	3.85	7.367	0.0039	-2.5 to 2.5	Pass
				-20	3.85	13.189	0.0070	-2.5 to 2.5	Pass

				-10	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				30	3.85	16.322	0.0087	-2.5 to 2.5	Pass
				40	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				50	3.85	13.046	0.0069	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	4.449	0.0023	-2.5 to 2.5	Pass
					3.85	1.831	0.0010	-2.5 to 2.5	Pass
					4.43	-6.223	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	10.486	0.0055	-2.5 to 2.5	Pass
				-20	3.85	9.141	0.0048	-2.5 to 2.5	Pass
				-10	3.85	17.180	0.0090	-2.5 to 2.5	Pass
				0	3.85	10.386	0.0054	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
				50	3.85	7.625	0.0040	-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	-6.752	-0.0036	-2.5 to 2.5	Pass
					3.85	2.503	0.0014	-2.5 to 2.5	Pass
					4.43	10.700	0.0058	-2.5 to 2.5	Pass
				-30	3.85	14.992	0.0081	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-8.783	-0.0047	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	-7.467	-0.0040	-2.5 to 2.5	Pass
				30	3.85	13.475	0.0073	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				50	3.85	12.002	0.0065	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	15.335	0.0082	-2.5 to 2.5	Pass
					3.85	5.507	0.0029	-2.5 to 2.5	Pass
					4.43	6.223	0.0033	-2.5 to 2.5	Pass
				-30	3.85	8.125	0.0043	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	7.610	0.0040	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass
				30	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				40	3.85	-15.793	-0.0084	-2.5 to 2.5	Pass
				50	3.85	1.130	0.0006	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-5.093	-0.0027	-2.5 to 2.5	Pass
					3.85	0.787	0.0004	-2.5 to 2.5	Pass
					4.43	11.673	0.0061	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.85	8.469	0.0044	-2.5 to 2.5	Pass
				-10	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-18.597	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-12.560	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-18.125	-0.0095	-2.5 to 2.5	Pass
				50	3.85	9.670	0.0051	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-1.345	-0.0007	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0024	-2.5 to 2.5	Pass

					4.43	12.374	0.0067	-2.5 to 2.5	Pass
				-30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-10.858	-0.0059	-2.5 to 2.5	Pass
				0	3.85	8.740	0.0047	-2.5 to 2.5	Pass
				10	3.85	3.490	0.0019	-2.5 to 2.5	Pass
				30	3.85	10.672	0.0058	-2.5 to 2.5	Pass
				40	3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-12.074	-0.0065	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	18.239	0.0097	-2.5 to 2.5	Pass
					3.85	6.523	0.0035	-2.5 to 2.5	Pass
					4.43	12.760	0.0068	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	7.524	0.0040	-2.5 to 2.5	Pass
				0	3.85	12.817	0.0068	-2.5 to 2.5	Pass
				10	3.85	-14.877	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-11.415	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				50	3.85	7.496	0.0040	-2.5 to 2.5	Pass
				20	3.27	1.788	0.0009	-2.5 to 2.5	Pass
					3.85	2.289	0.0012	-2.5 to 2.5	Pass
					4.43	-3.161	-0.0017	-2.5 to 2.5	Pass
	1908.5	15	0	-30	3.85	3.490	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.249	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.320	0.0023	-2.5 to 2.5	Pass
				0	3.85	-25.849	-0.0135	-2.5 to 2.5	Pass
				10	3.85	-12.031	-0.0063	-2.5 to 2.5	Pass
				30	3.85	12.889	0.0068	-2.5 to 2.5	Pass
				40	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				50	3.85	1.316	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	-4.420	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	6.938	0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	7.782	0.0042	-2.5 to 2.5	Pass
				0	3.85	8.426	0.0045	-2.5 to 2.5	Pass
				10	3.85	-3.476	-0.0019	-2.5 to 2.5	Pass
				30	3.85	5.736	0.0031	-2.5 to 2.5	Pass
				40	3.85	4.020	0.0022	-2.5 to 2.5	Pass
				50	3.85	10.858	0.0059	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	7.753	0.0041	-2.5 to 2.5	Pass
					3.85	7.539	0.0040	-2.5 to 2.5	Pass
					4.43	-8.841	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				-20	3.85	4.849	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				0	3.85	5.021	0.0027	-2.5 to 2.5	Pass
				10	3.85	9.713	0.0052	-2.5 to 2.5	Pass
				30	3.85	9.012	0.0048	-2.5 to 2.5	Pass
				40	3.85	3.777	0.0020	-2.5 to 2.5	Pass

	1907.5	25	0	50	3.85	-12.217	-0.0065	-2.5 to 2.5	Pass
				20	3.27	5.622	0.0029	-2.5 to 2.5	Pass
					3.85	1.230	0.0006	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.933	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	14.920	0.0078	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				0	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				30	3.85	4.721	0.0025	-2.5 to 2.5	Pass
				40	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.615	0.0003	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	2.203	0.0012	-2.5 to 2.5	Pass
					3.85	8.082	0.0044	-2.5 to 2.5	Pass
					4.43	3.090	0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				-20	3.85	5.765	0.0031	-2.5 to 2.5	Pass
				-10	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				0	3.85	5.035	0.0027	-2.5 to 2.5	Pass
				10	3.85	9.856	0.0053	-2.5 to 2.5	Pass
				30	3.85	-6.866	-0.0037	-2.5 to 2.5	Pass
				40	3.85	15.078	0.0081	-2.5 to 2.5	Pass
				50	3.85	2.203	0.0012	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	5.994	0.0032	-2.5 to 2.5	Pass
					3.85	4.435	0.0024	-2.5 to 2.5	Pass
					4.43	6.037	0.0032	-2.5 to 2.5	Pass
				-30	3.85	2.489	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.732	0.0015	-2.5 to 2.5	Pass
				0	3.85	8.955	0.0048	-2.5 to 2.5	Pass
				10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.574	0.0008	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-4.191	-0.0022	-2.5 to 2.5	Pass
					3.85	5.693	0.0030	-2.5 to 2.5	Pass
					4.43	-0.844	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-8.712	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	6.394	0.0034	-2.5 to 2.5	Pass
				0	3.85	9.699	0.0051	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	18.311	0.0096	-2.5 to 2.5	Pass
				40	3.85	6.022	0.0032	-2.5 to 2.5	Pass
				50	3.85	6.881	0.0036	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	1.974	0.0011	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.43	5.822	0.0031	-2.5 to 2.5	Pass
				-30	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.116	0.0006	-2.5 to 2.5	Pass

				10	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				30	3.85	11.787	0.0064	-2.5 to 2.5	Pass
				40	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	6.208	0.0033	-2.5 to 2.5	Pass
					3.85	9.542	0.0051	-2.5 to 2.5	Pass
					4.43	2.432	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	4.249	0.0023	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	2.418	0.0013	-2.5 to 2.5	Pass
					3.85	2.804	0.0015	-2.5 to 2.5	Pass
					4.43	2.747	0.0014	-2.5 to 2.5	Pass
				-30	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				-20	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				-10	3.85	6.838	0.0036	-2.5 to 2.5	Pass
				0	3.85	4.435	0.0023	-2.5 to 2.5	Pass
				10	3.85	5.765	0.0030	-2.5 to 2.5	Pass
				30	3.85	9.270	0.0049	-2.5 to 2.5	Pass
				40	3.85	6.580	0.0035	-2.5 to 2.5	Pass
				50	3.85	2.003	0.0011	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	7.710	0.0042	-2.5 to 2.5	Pass
					3.85	9.785	0.0053	-2.5 to 2.5	Pass
					4.43	-1.330	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	4.392	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	5.336	0.0029	-2.5 to 2.5	Pass
				0	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				10	3.85	7.010	0.0038	-2.5 to 2.5	Pass
				30	3.85	5.994	0.0032	-2.5 to 2.5	Pass
				40	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	5.722	0.0030	-2.5 to 2.5	Pass
					3.85	8.483	0.0045	-2.5 to 2.5	Pass
					4.43	3.061	0.0016	-2.5 to 2.5	Pass
				-30	3.85	3.877	0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				0	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				40	3.85	4.091	0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	2.475	0.0013	-2.5 to 2.5	Pass
					3.85	3.591	0.0019	-2.5 to 2.5	Pass
					4.43	1.202	0.0006	-2.5 to 2.5	Pass
				-30	3.85	4.148	0.0022	-2.5 to 2.5	Pass
				-20	3.85	4.277	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				0	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				30	3.85	9.956	0.0052	-2.5 to 2.5	Pass
				40	3.85	5.608	0.0029	-2.5 to 2.5	Pass
				50	3.85	4.377	0.0023	-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	2.031	0.0011	-2.5 to 2.5	Pass
					3.85	3.805	0.0020	-2.5 to 2.5	Pass
					4.43	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				-20	3.85	6.108	0.0033	-2.5 to 2.5	Pass
				-10	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				30	3.85	3.133	0.0017	-2.5 to 2.5	Pass
				40	3.85	6.638	0.0036	-2.5 to 2.5	Pass
				50	3.85	4.020	0.0022	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	0.758	0.0004	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	4.320	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-10	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				0	3.85	3.576	0.0019	-2.5 to 2.5	Pass
				10	3.85	3.619	0.0019	-2.5 to 2.5	Pass
				30	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				40	3.85	6.509	0.0035	-2.5 to 2.5	Pass
				50	3.85	4.535	0.0024	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-0.558	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				10	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				30	3.85	9.212	0.0048	-2.5 to 2.5	Pass
				40	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				50	3.85	3.433	0.0018	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
					4.43	5.708	0.0031	-2.5 to 2.5	Pass
				-30	3.85	4.292	0.0023	-2.5 to 2.5	Pass
				-20	3.85	5.193	0.0028	-2.5 to 2.5	Pass
				-10	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				30	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	2.990	0.0016	-2.5 to 2.5	Pass
					3.85	2.089	0.0011	-2.5 to 2.5	Pass
					4.43	-1.087	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	4.649	0.0025	-2.5 to 2.5	Pass
				-20	3.85	5.922	0.0032	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass

	1902.5	75	0	30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				40	3.85	6.366	0.0034	-2.5 to 2.5	Pass
				50	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	3.948	0.0021	-2.5 to 2.5	Pass
					4.43	1.016	0.0005	-2.5 to 2.5	Pass
				-30	3.85	3.834	0.0020	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.749	0.0025	-2.5 to 2.5	Pass
				10	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				30	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				40	3.85	5.293	0.0028	-2.5 to 2.5	Pass
				50	3.85	3.834	0.0020	-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	0.329	0.0002	-2.5 to 2.5	Pass
					3.85	4.463	0.0024	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.432	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				0	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				10	3.85	2.232	0.0012	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	3.819	0.0021	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-1.531	-0.0008	-2.5 to 2.5	Pass
					3.85	2.918	0.0016	-2.5 to 2.5	Pass
					4.43	4.406	0.0023	-2.5 to 2.5	Pass
				-30	3.85	5.822	0.0031	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				0	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				10	3.85	7.153	0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				40	3.85	6.881	0.0037	-2.5 to 2.5	Pass
				50	3.85	3.905	0.0021	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-6.695	-0.0035	-2.5 to 2.5	Pass
					3.85	-0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				-10	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				0	3.85	9.184	0.0048	-2.5 to 2.5	Pass
				10	3.85	4.735	0.0025	-2.5 to 2.5	Pass
				30	3.85	6.380	0.0034	-2.5 to 2.5	Pass
				40	3.85	12.617	0.0066	-2.5 to 2.5	Pass
				50	3.85	0.958	0.0005	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.087	0.0006	-2.5 to 2.5	Pass
					3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
					4.43	2.289	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass

				-10	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				30	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	6.022	0.0032	-2.5 to 2.5	Pass
					3.85	1.545	0.0008	-2.5 to 2.5	Pass
					4.43	0.415	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	3.85	5.178	0.0028	-2.5 to 2.5	Pass
				10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				30	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				40	3.85	2.232	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.917	0.0010	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	2.589	0.0014	-2.5 to 2.5	Pass
					3.85	7.753	0.0041	-2.5 to 2.5	Pass
					4.43	3.405	0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				-20	3.85	5.894	0.0031	-2.5 to 2.5	Pass
				-10	3.85	9.642	0.0051	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.173	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				50	3.85	2.246	0.0012	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTV						
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 / NTV						
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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.1.4 B2_10MHz

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

3.1.5 B2_15MHz

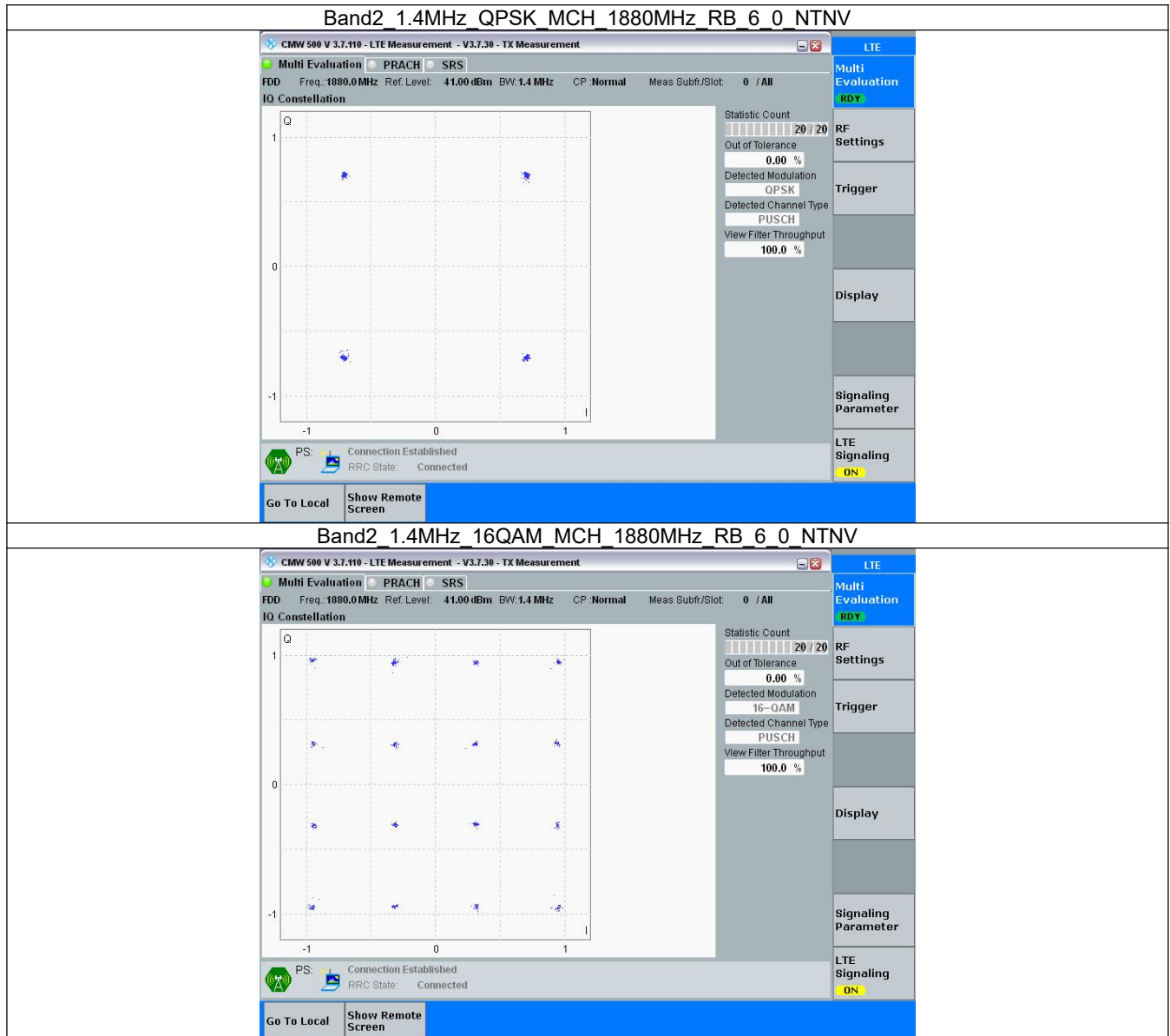
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

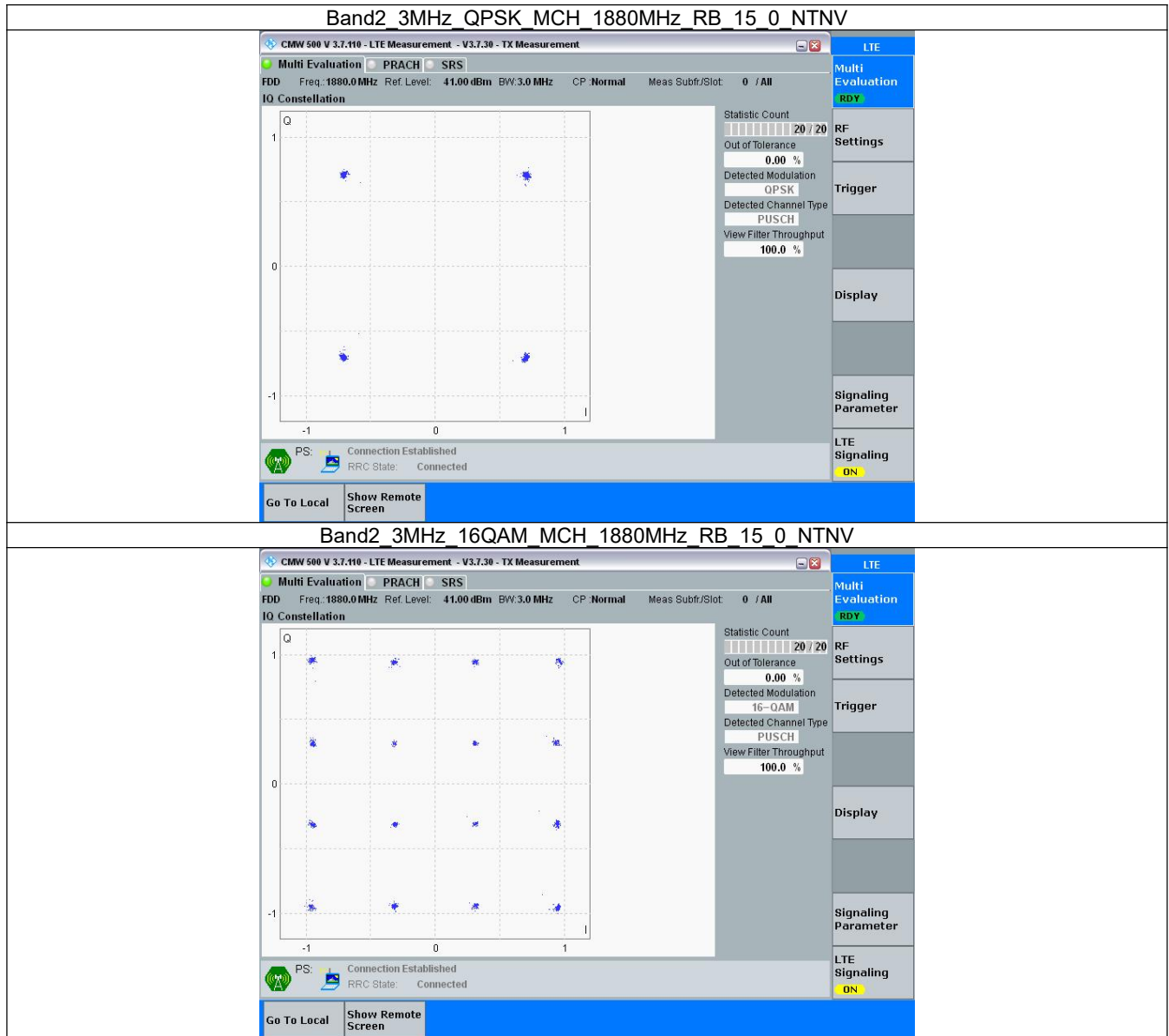
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

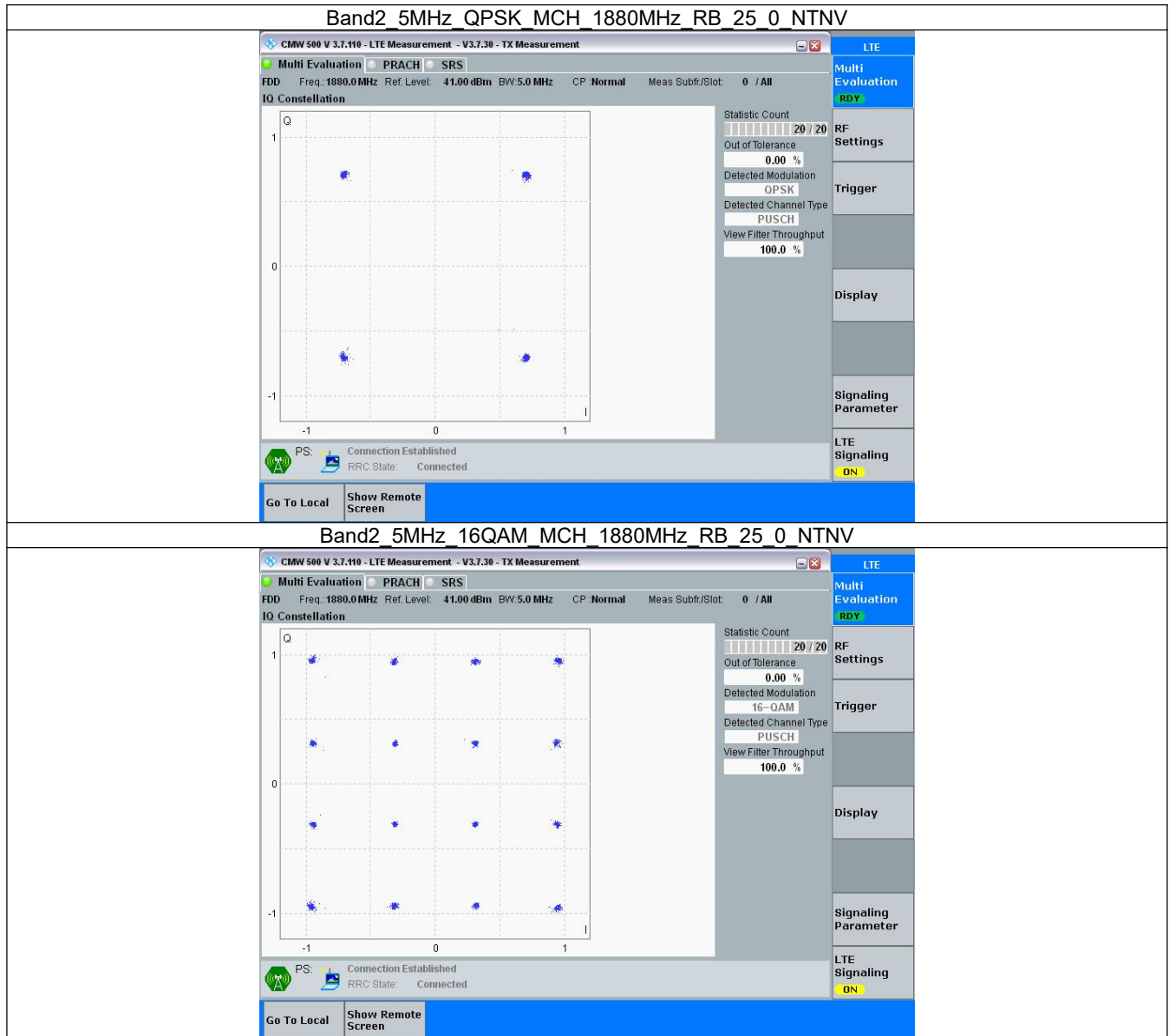
3.2.1 B2_1.4MHz



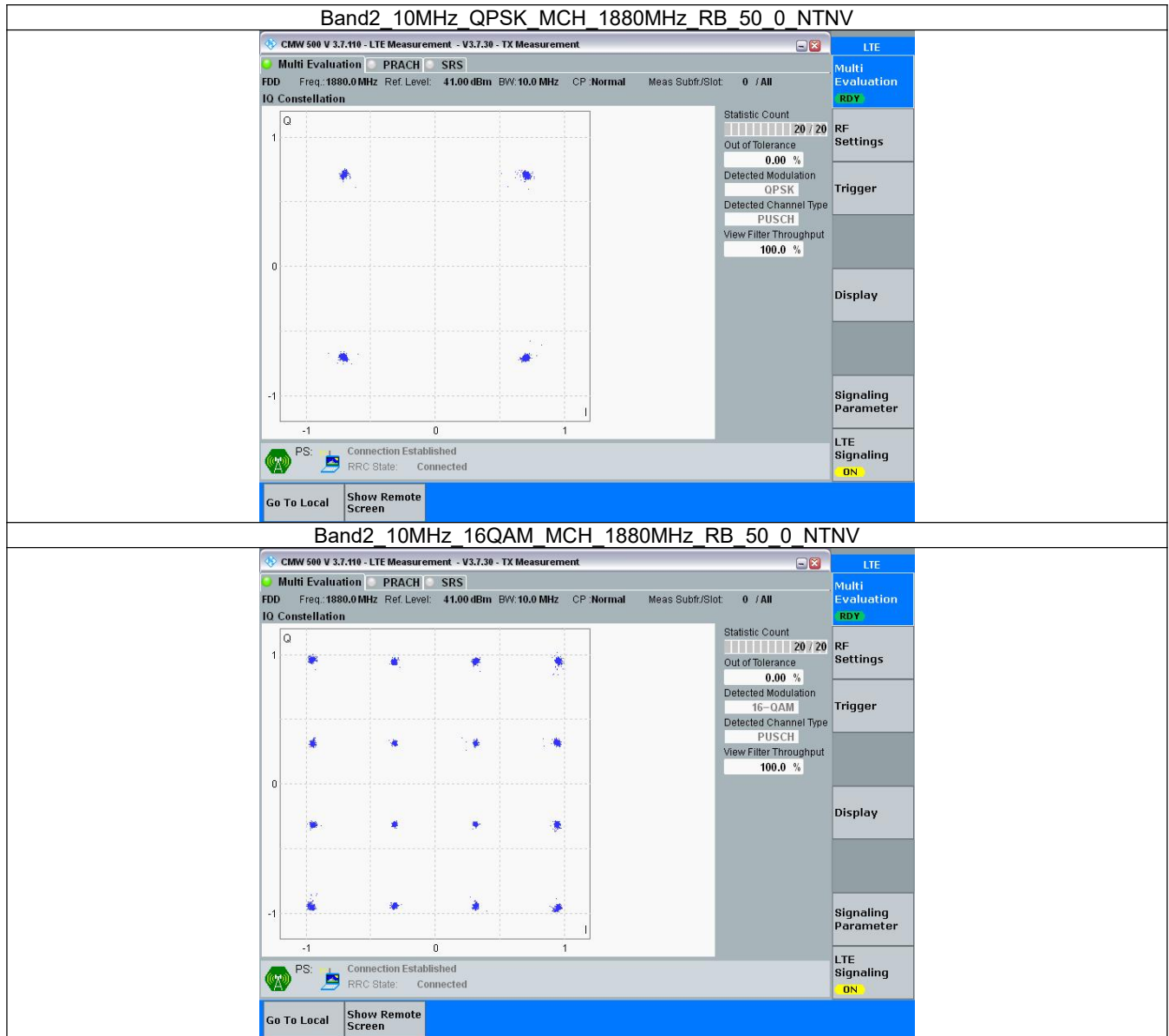
3.2.2 B2_3MHz



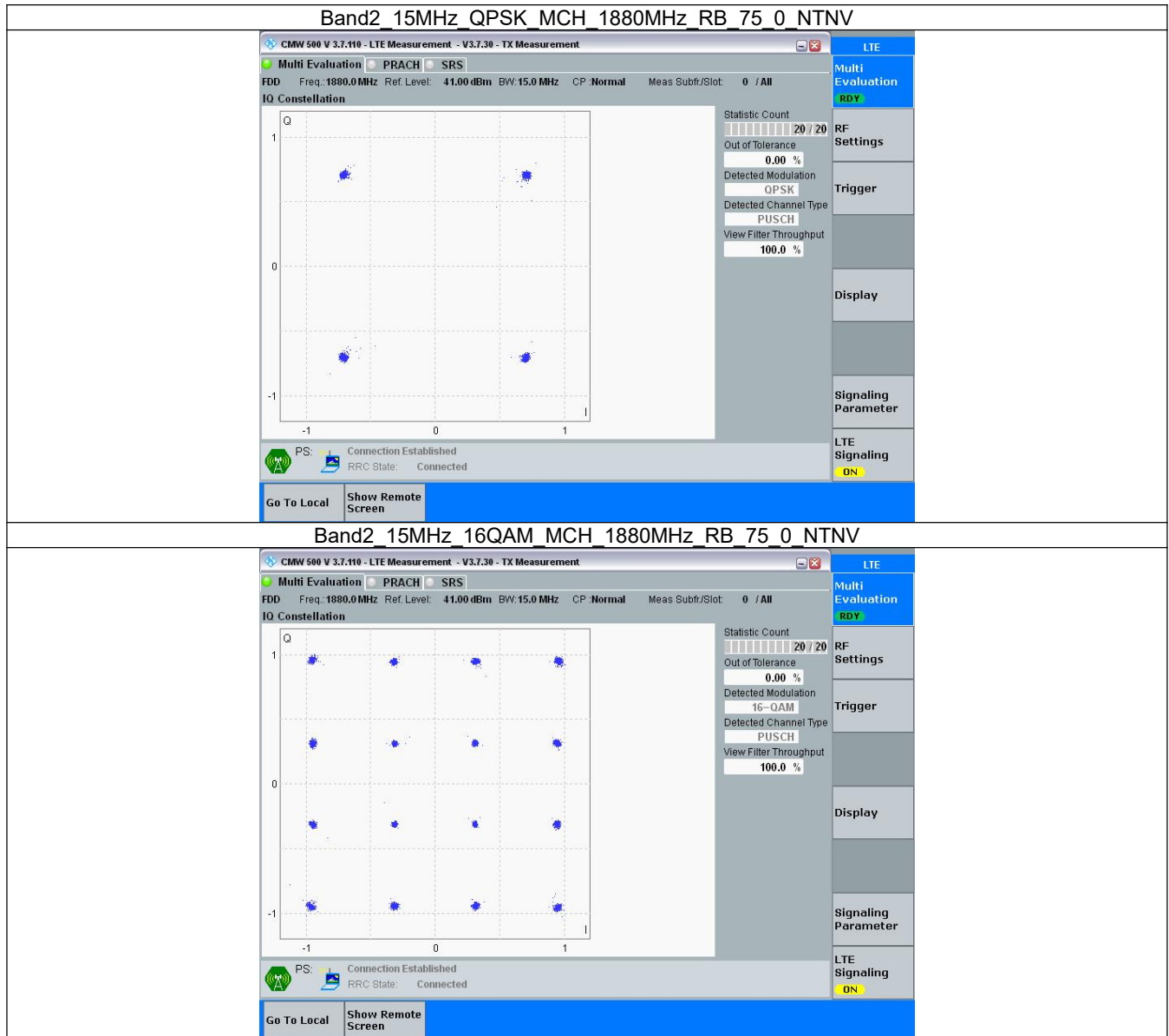
3.2.3 B2_5MHz



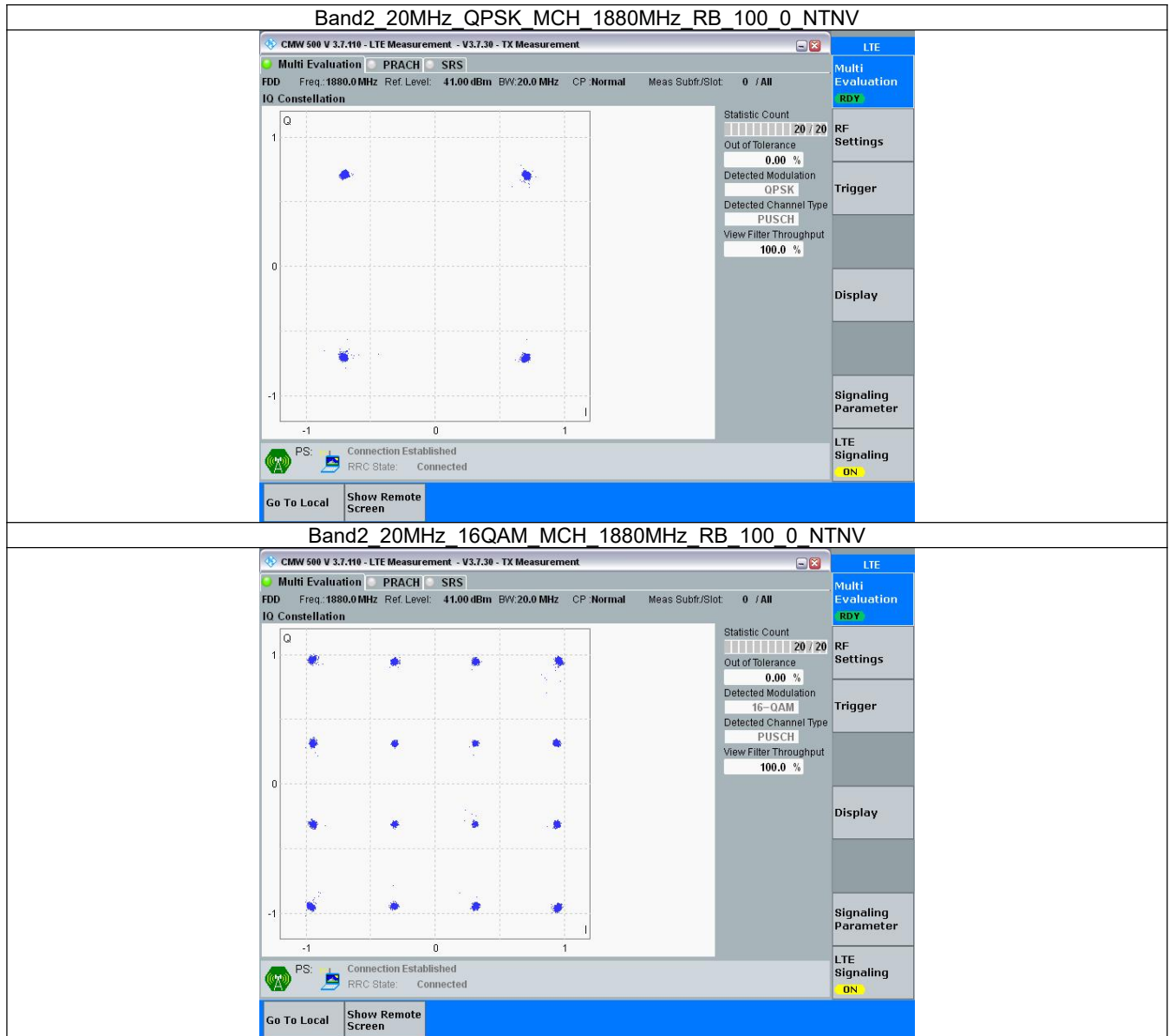
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.117	/	Pass
		1880	6	0	1.106	/	Pass
		1909.3	6	0	1.124	/	Pass
	16QAM	1850.7	6	0	1.107	/	Pass
		1880	6	0	1.111	/	Pass
		1909.3	6	0	1.112	/	Pass
3	QPSK	1851.5	15	0	2.732	/	Pass
		1880	15	0	2.735	/	Pass
		1908.5	15	0	2.739	/	Pass
	16QAM	1851.5	15	0	2.724	/	Pass
		1880	15	0	2.728	/	Pass
		1908.5	15	0	2.735	/	Pass
5	QPSK	1852.5	25	0	4.540	/	Pass
		1880	25	0	4.540	/	Pass
		1907.5	25	0	4.544	/	Pass
	16QAM	1852.5	25	0	4.542	/	Pass
		1880	25	0	4.563	/	Pass
		1907.5	25	0	4.535	/	Pass
10	QPSK	1855	50	0	9.096	/	Pass
		1880	50	0	9.053	/	Pass
		1905	50	0	9.069	/	Pass
	16QAM	1855	50	0	9.070	/	Pass
		1880	50	0	9.066	/	Pass
		1905	50	0	9.039	/	Pass
15	QPSK	1857.5	75	0	13.593	/	Pass
		1880	75	0	13.539	/	Pass
		1902.5	75	0	13.579	/	Pass
	16QAM	1857.5	75	0	13.614	/	Pass
		1880	75	0	13.576	/	Pass
		1902.5	75	0	13.600	/	Pass
20	QPSK	1860	100	0	18.097	/	Pass
		1880	100	0	18.101	/	Pass
		1900	100	0	18.111	/	Pass
	16QAM	1860	100	0	18.085	/	Pass
		1880	100	0	18.095	/	Pass
		1900	100	0	18.153	/	Pass

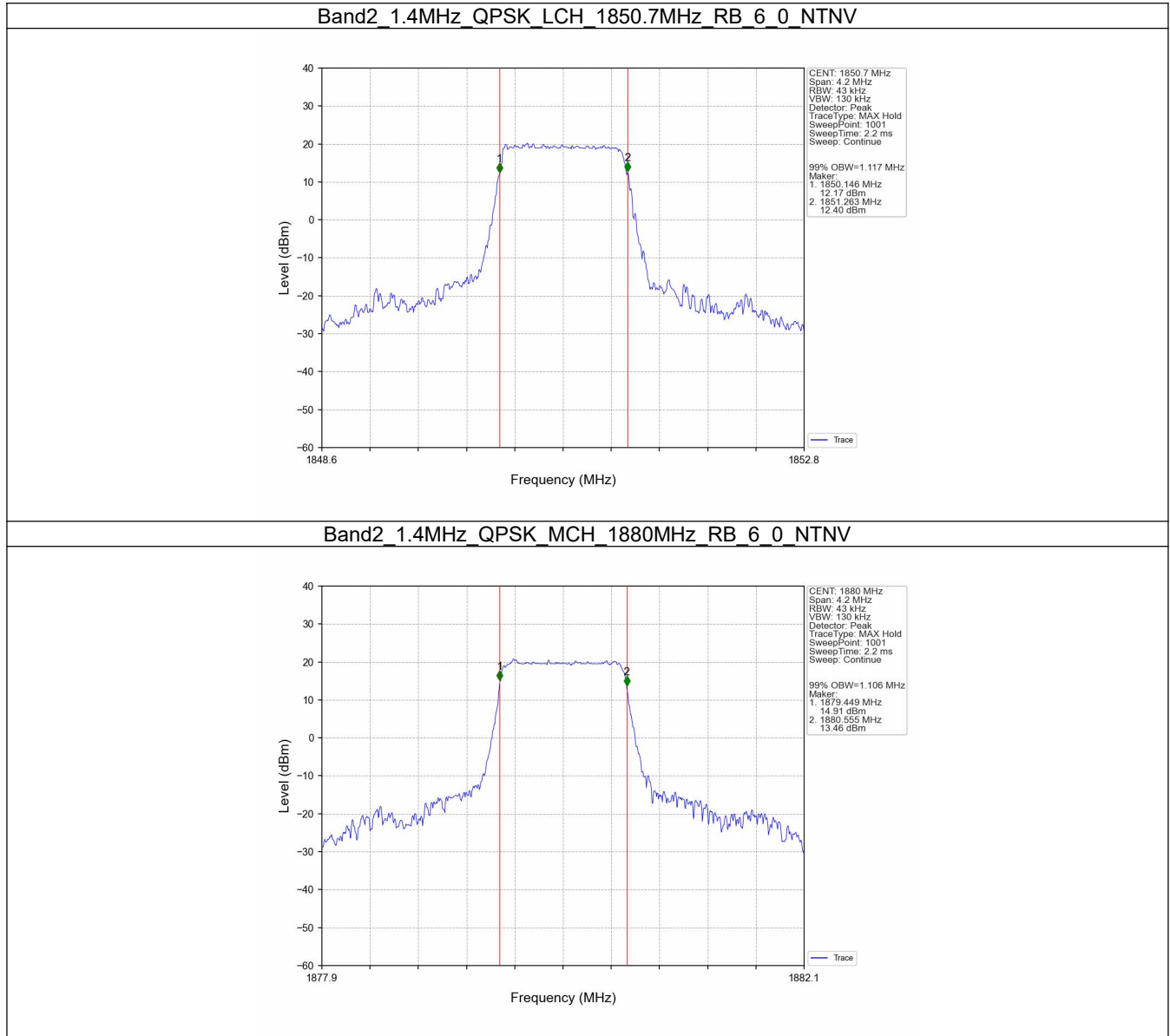
4.1.2 Band2_XDB

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.313	/	Pass
		1880	6	0	1.325	/	Pass
		1909.3	6	0	1.312	/	Pass
	16QAM	1850.7	6	0	1.306	/	Pass
		1880	6	0	1.332	/	Pass
		1909.3	6	0	1.331	/	Pass

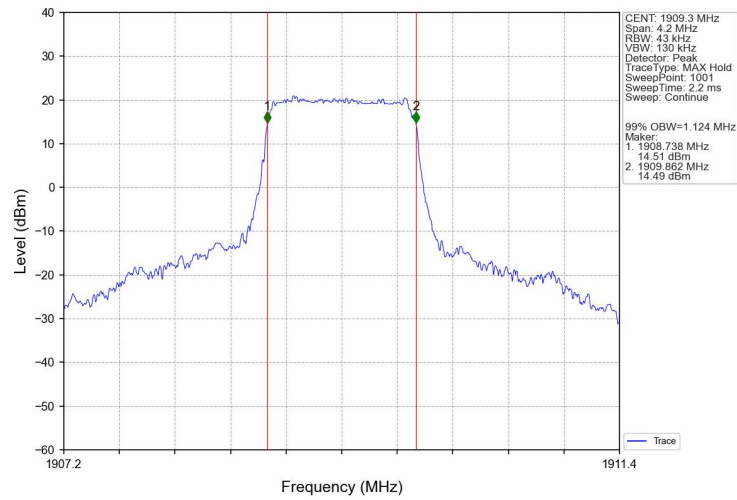
3	QPSK	1851.5	15	0	3.011	/	Pass
		1880	15	0	3.014	/	Pass
		1908.5	15	0	3.006	/	Pass
	16QAM	1851.5	15	0	3.016	/	Pass
		1880	15	0	3.026	/	Pass
		1908.5	15	0	3.008	/	Pass
5	QPSK	1852.5	25	0	5.088	/	Pass
		1880	25	0	5.066	/	Pass
		1907.5	25	0	5.054	/	Pass
	16QAM	1852.5	25	0	5.085	/	Pass
		1880	25	0	5.091	/	Pass
		1907.5	25	0	5.029	/	Pass
10	QPSK	1855	50	0	9.991	/	Pass
		1880	50	0	9.995	/	Pass
		1905	50	0	9.962	/	Pass
	16QAM	1855	50	0	9.945	/	Pass
		1880	50	0	9.957	/	Pass
		1905	50	0	9.923	/	Pass
15	QPSK	1857.5	75	0	14.965	/	Pass
		1880	75	0	14.877	/	Pass
		1902.5	75	0	15.005	/	Pass
	16QAM	1857.5	75	0	14.993	/	Pass
		1880	75	0	14.916	/	Pass
		1902.5	75	0	14.937	/	Pass
20	QPSK	1860	100	0	19.677	/	Pass
		1880	100	0	19.872	/	Pass
		1900	100	0	19.614	/	Pass
	16QAM	1860	100	0	19.786	/	Pass
		1880	100	0	19.792	/	Pass
		1900	100	0	19.623	/	Pass

4.2 Test Graph

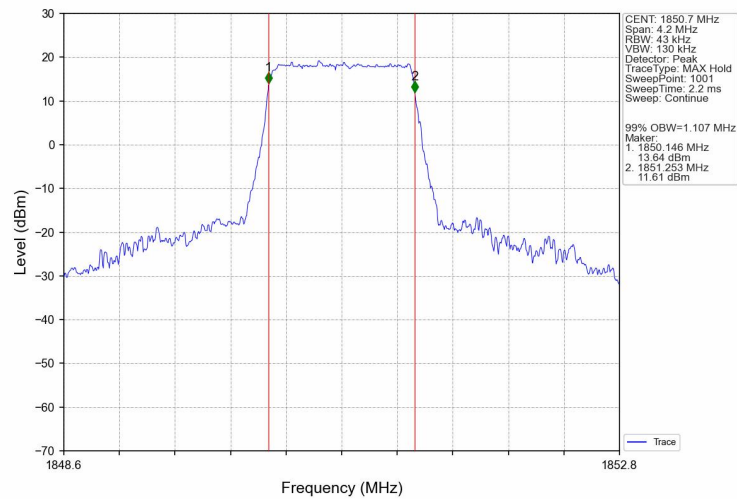
4.2.1 Band2_OBW



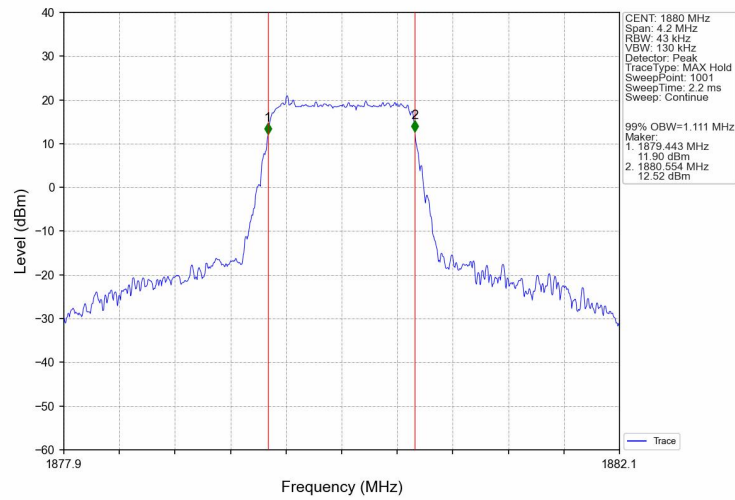
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



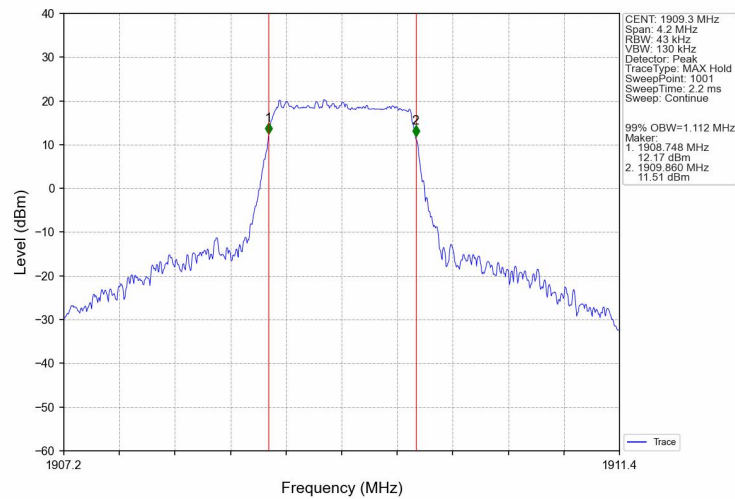
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



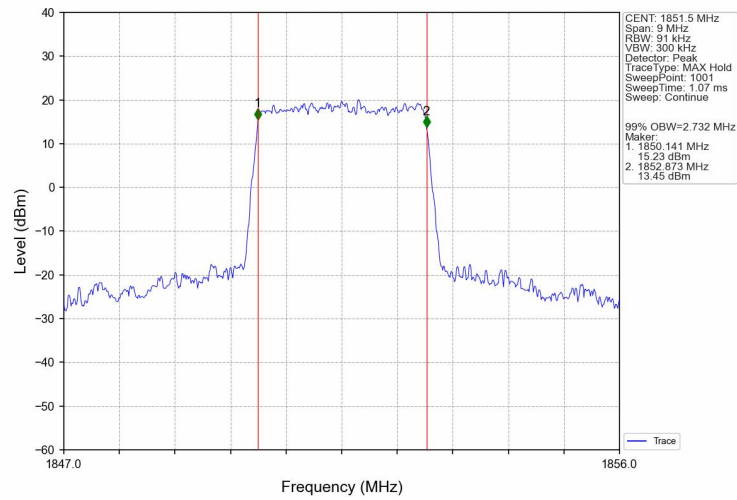
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



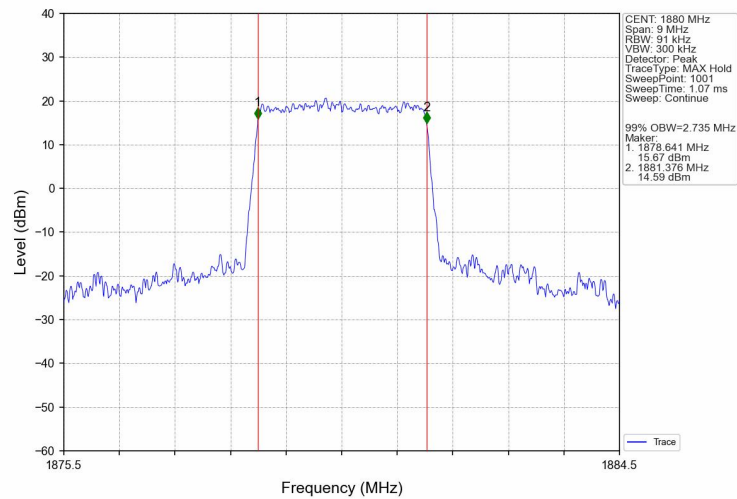
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



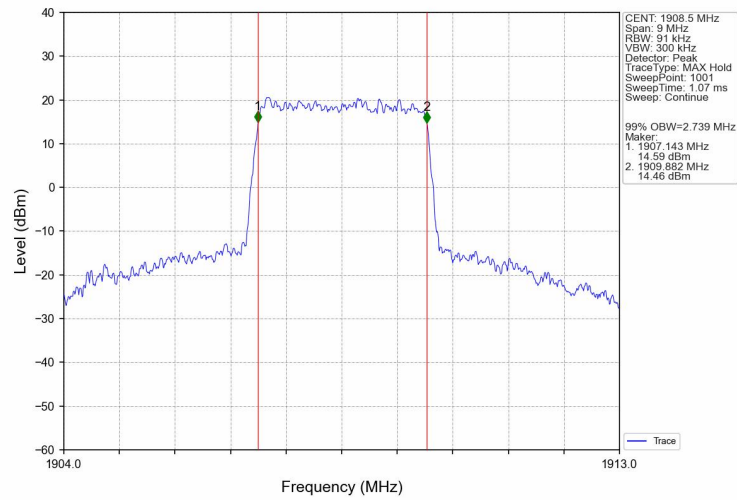
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



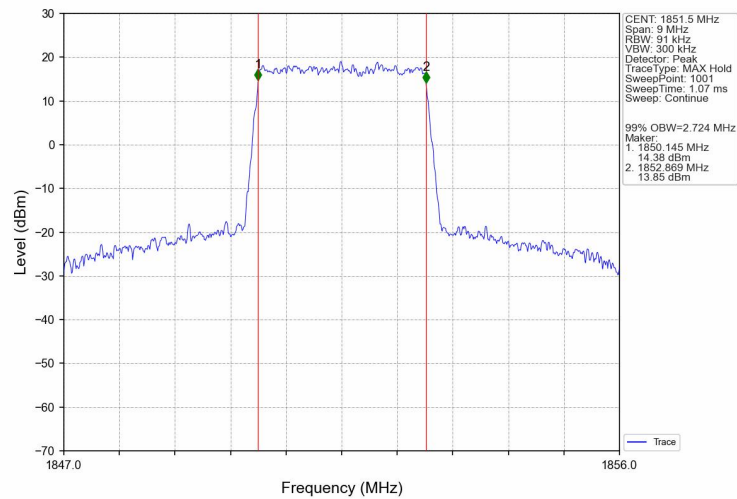
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



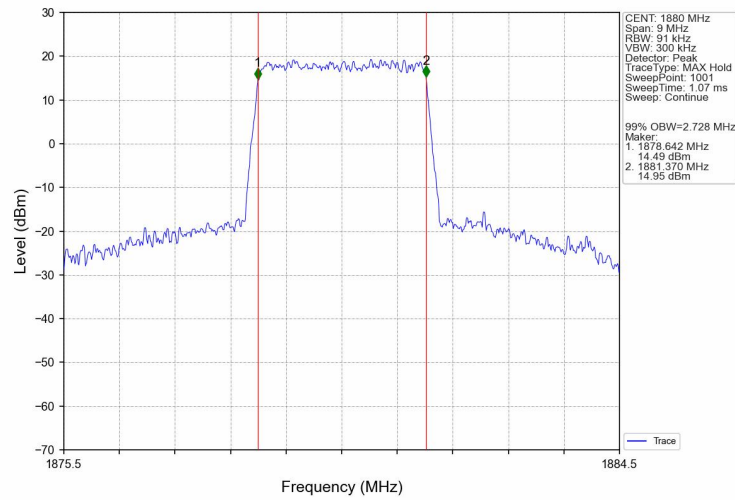
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



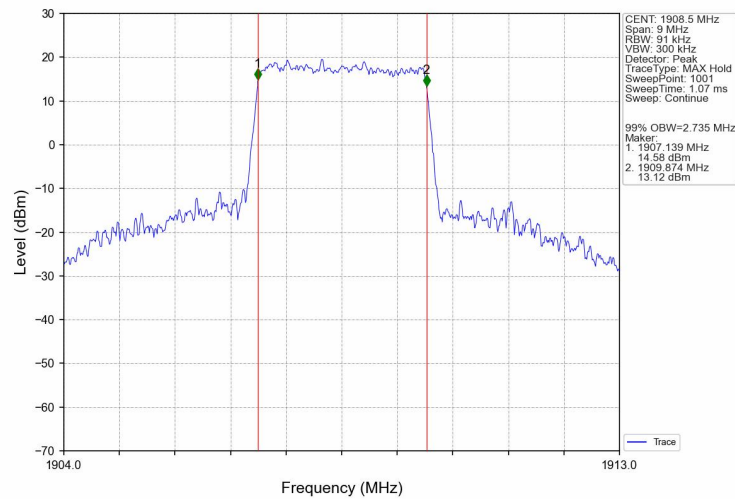
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



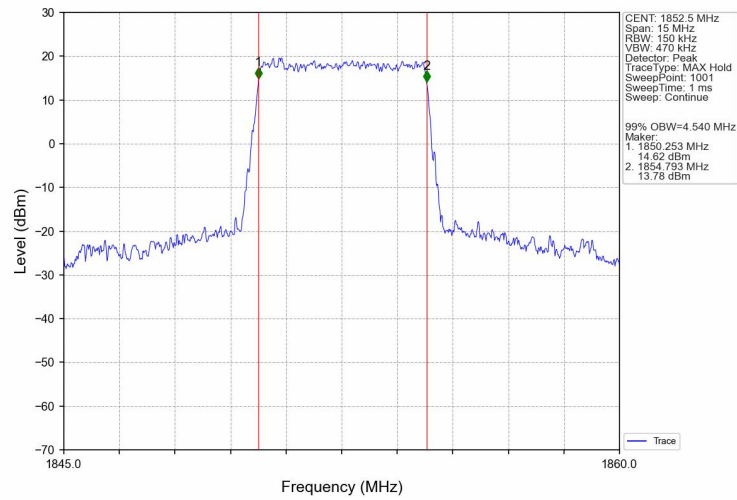
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



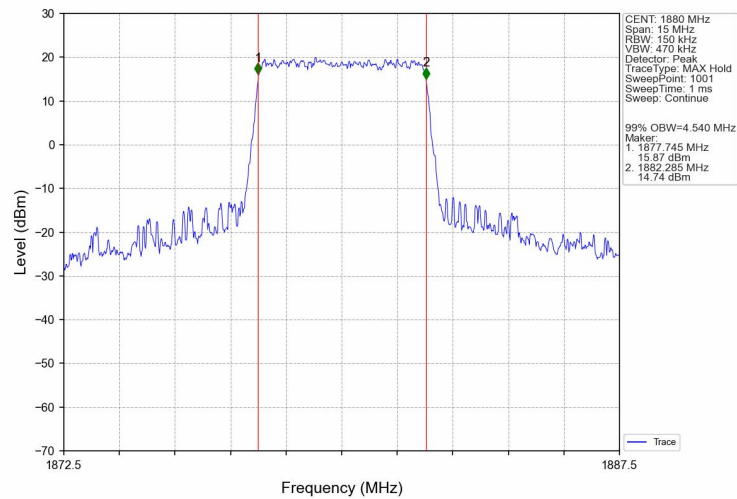
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



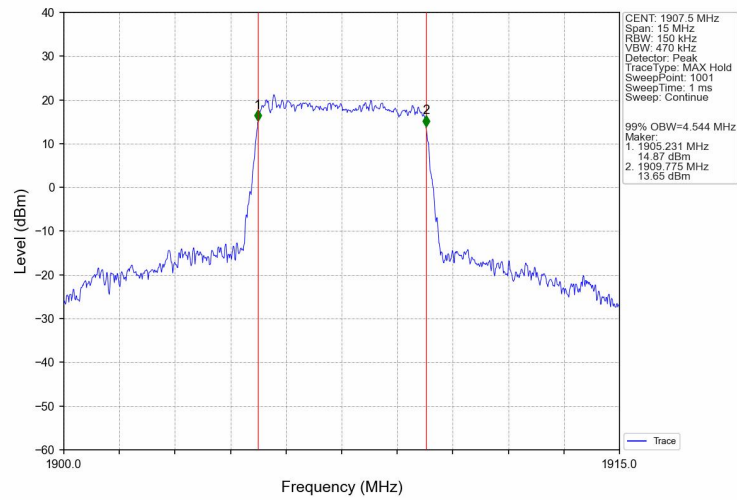
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



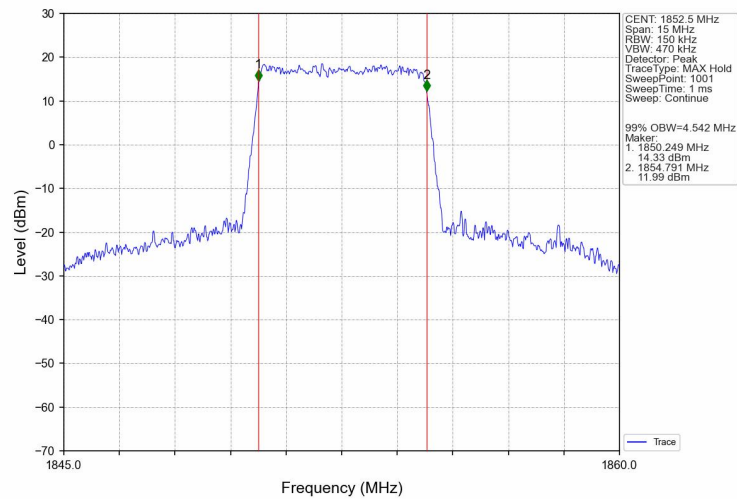
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



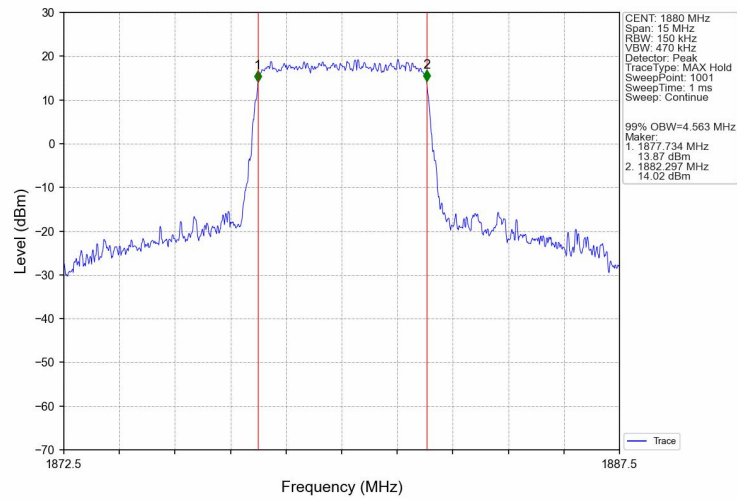
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



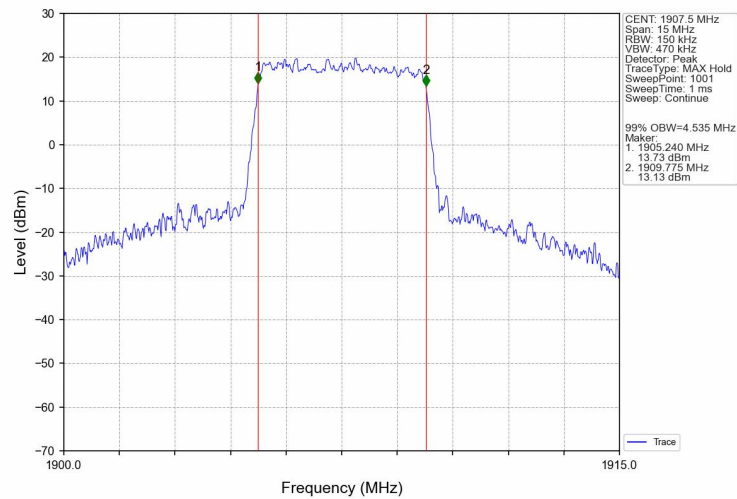
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



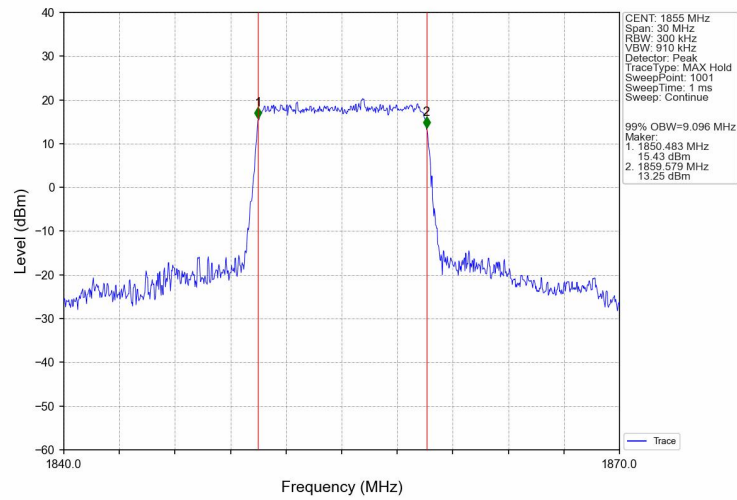
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



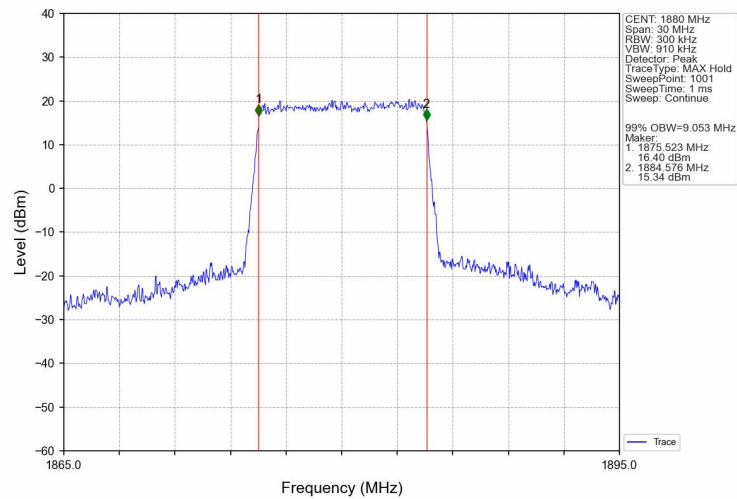
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



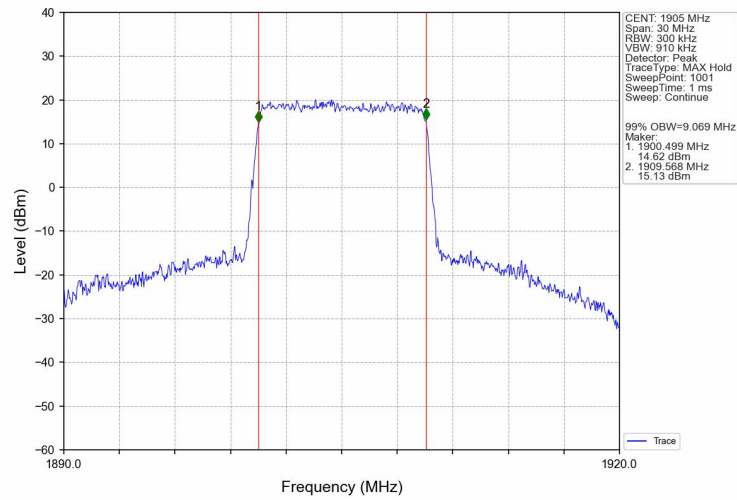
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



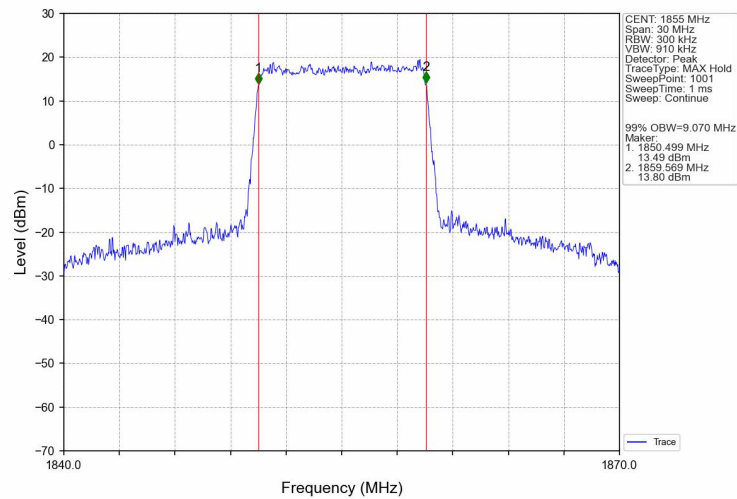
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



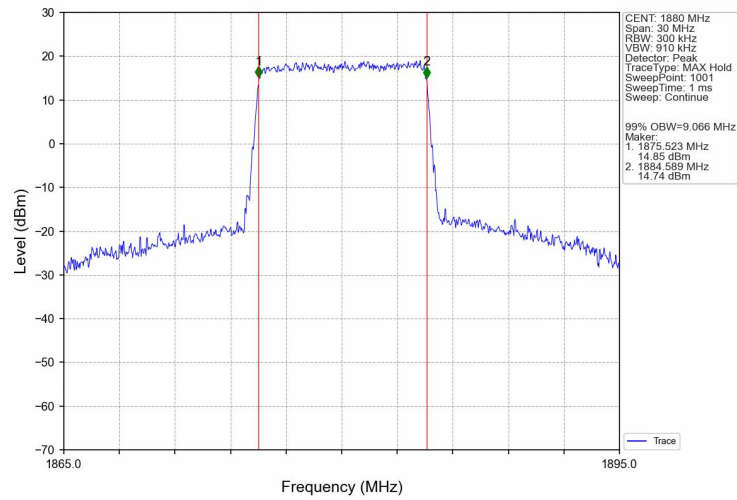
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



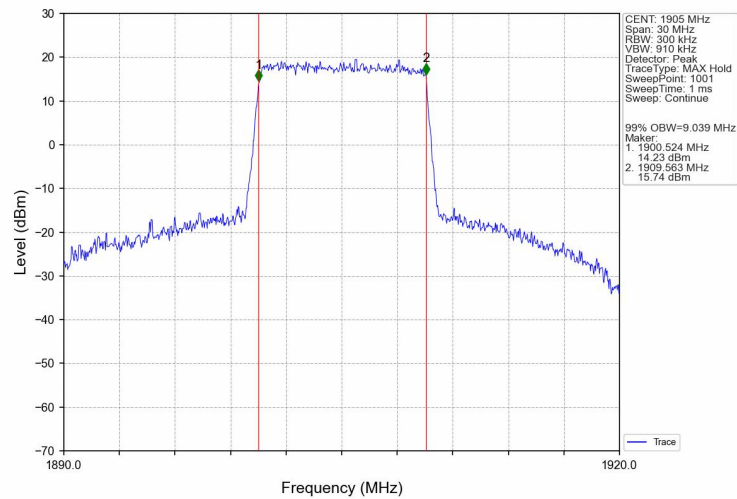
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



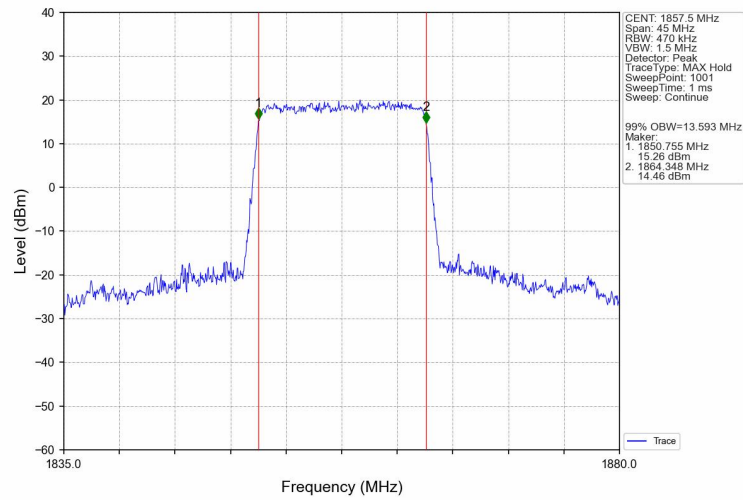
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



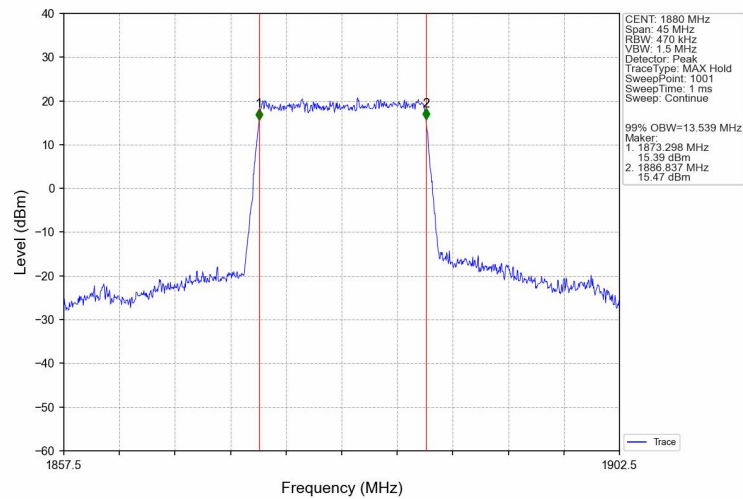
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



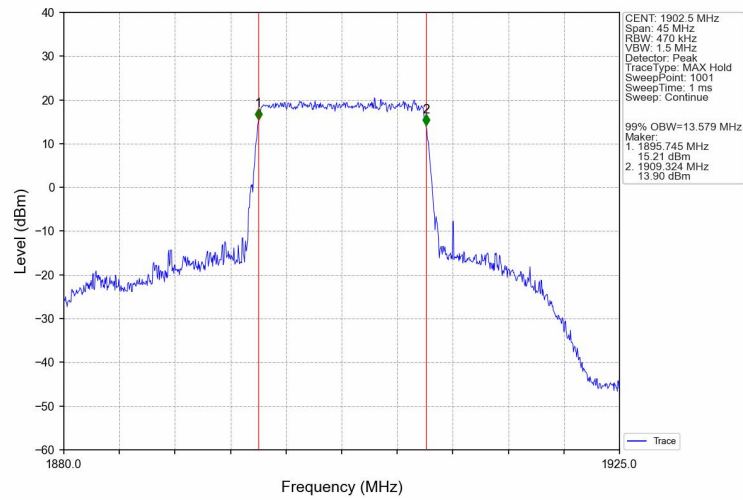
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



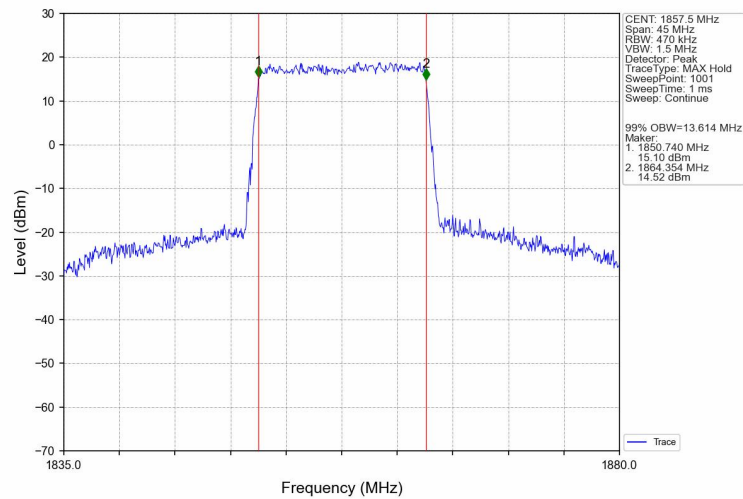
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



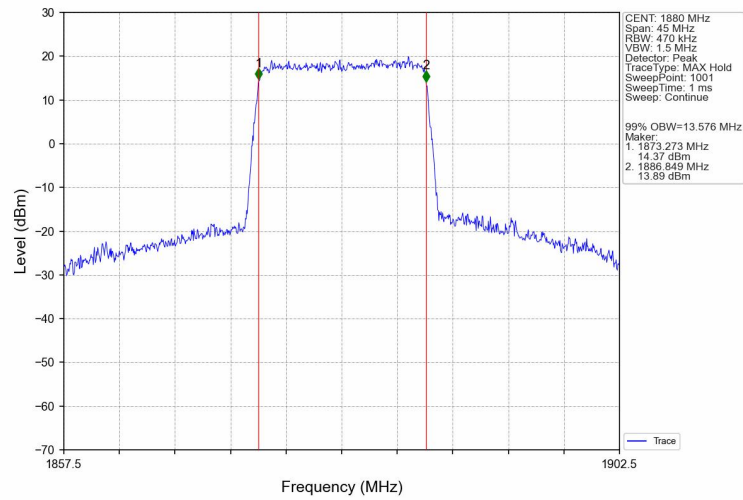
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



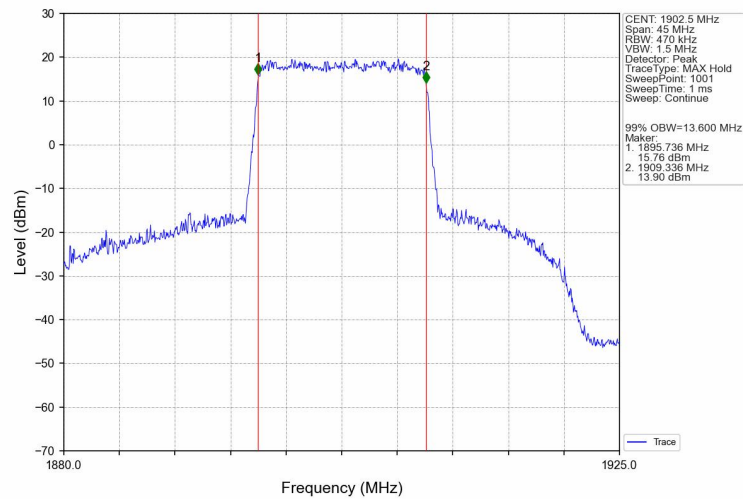
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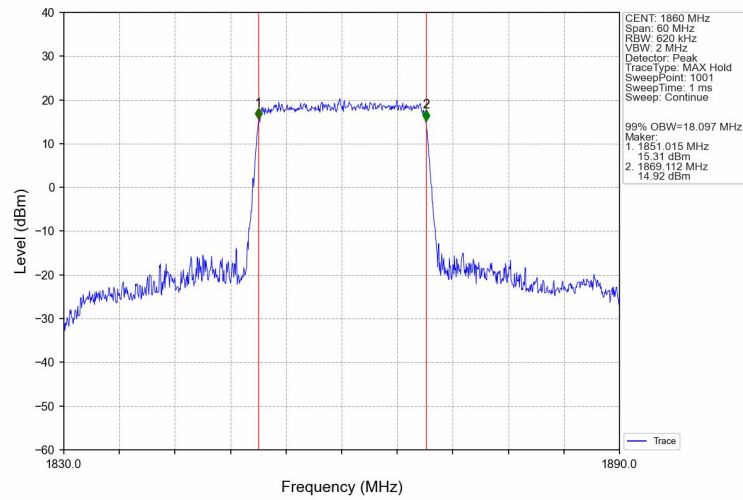
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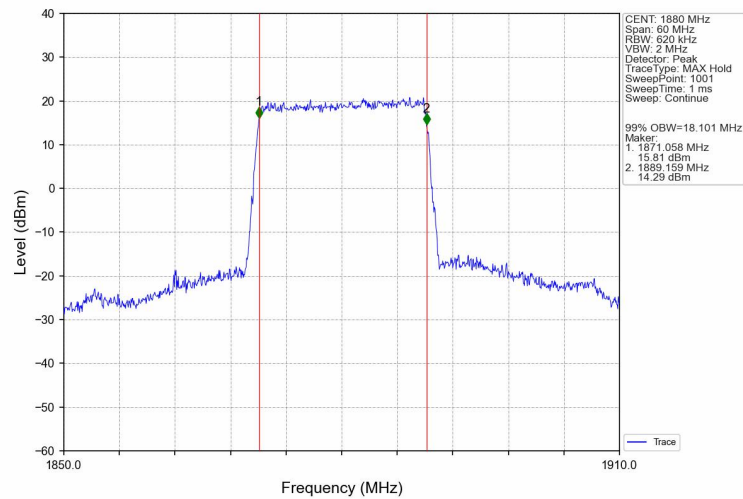
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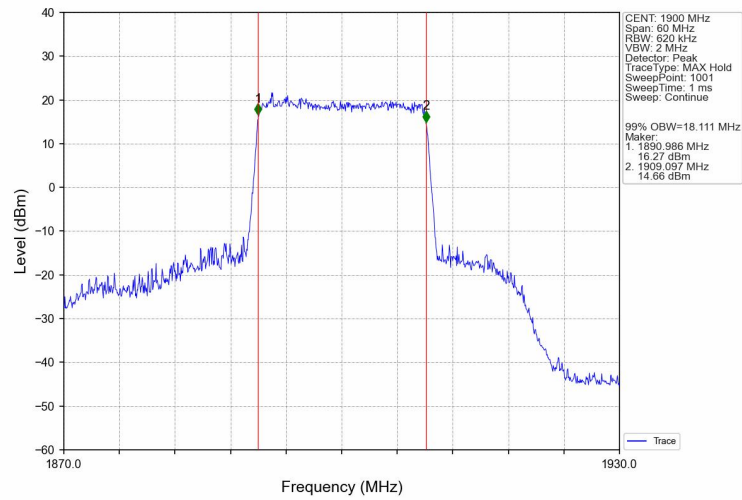
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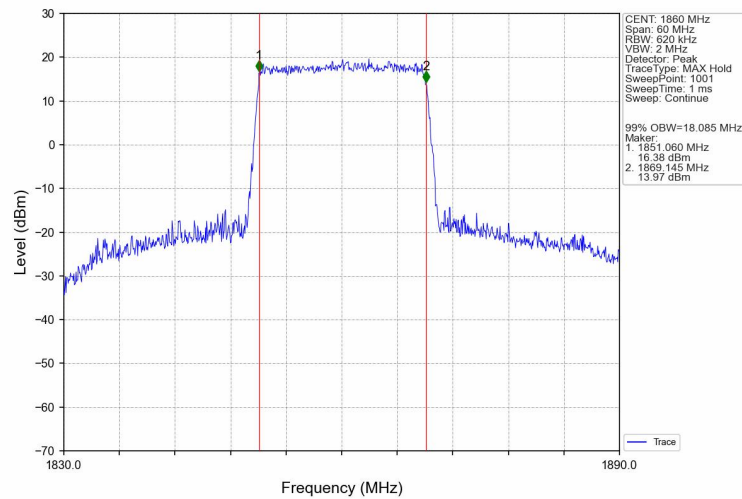
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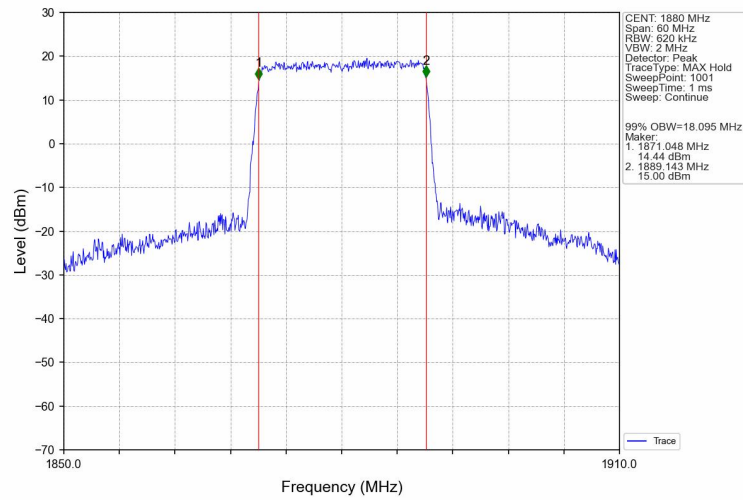
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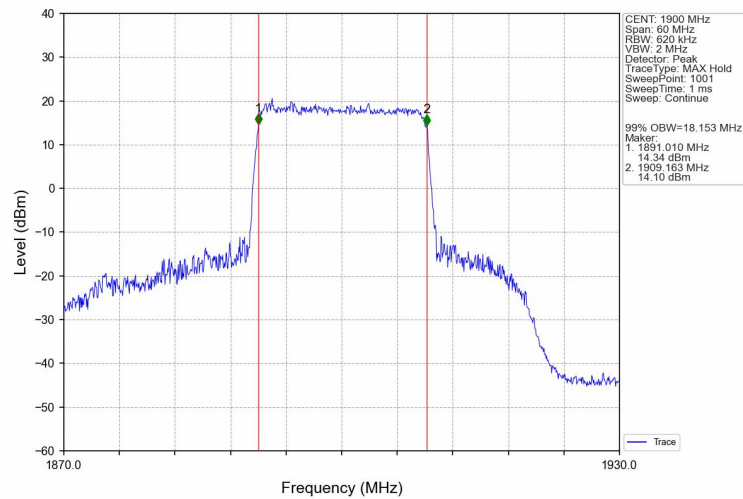
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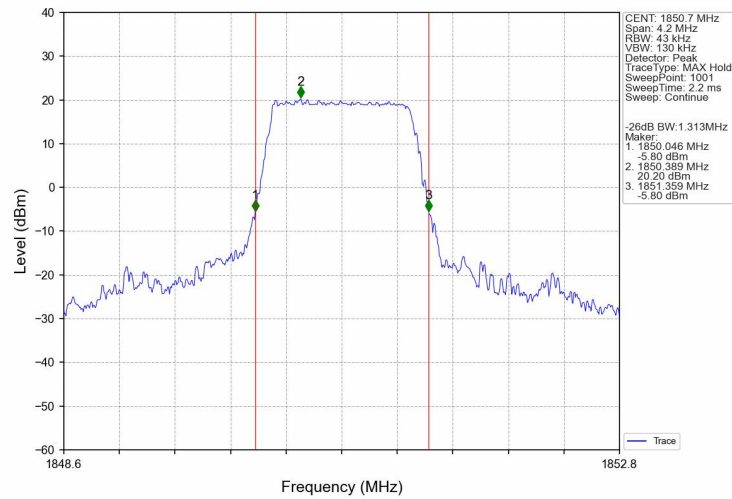


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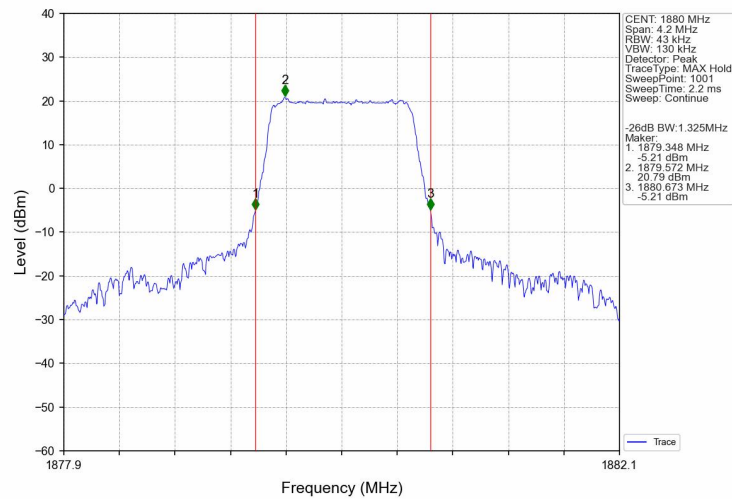


4.2.2 Band2_XDB

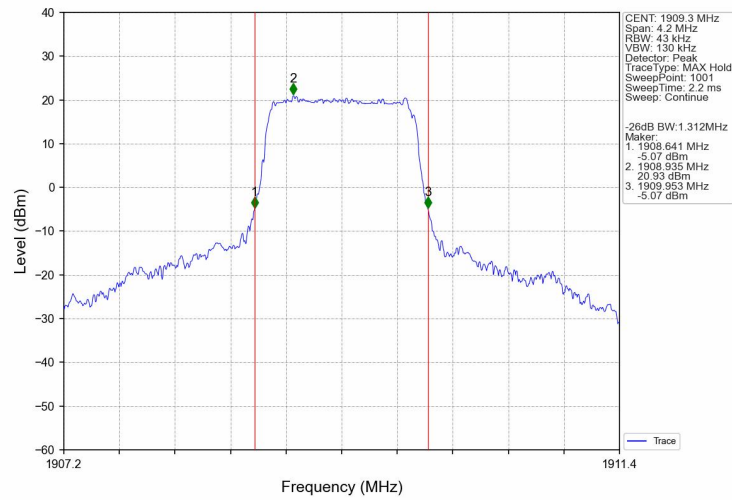
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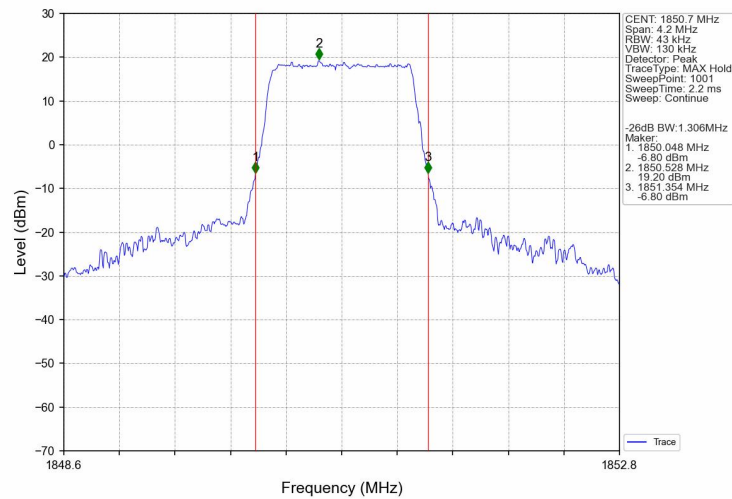
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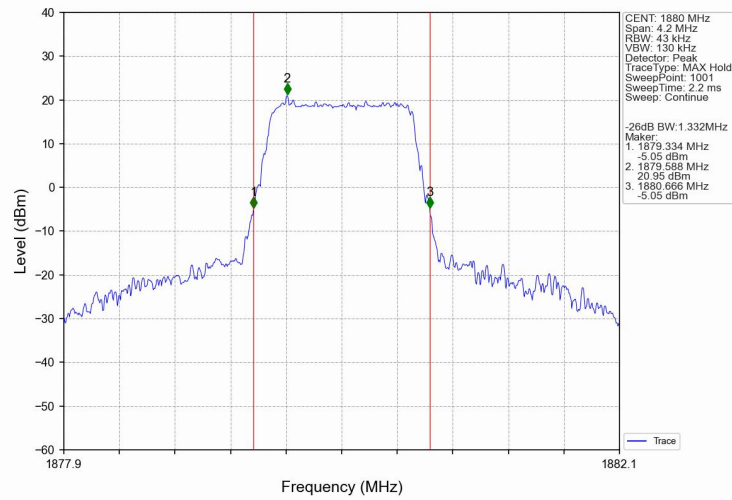
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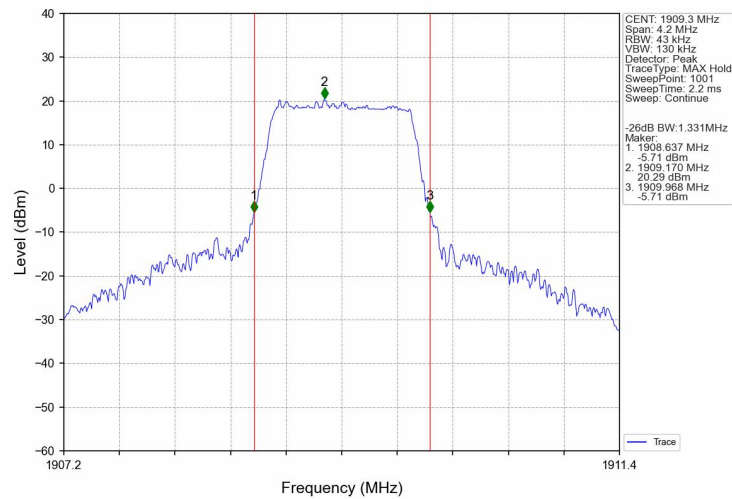
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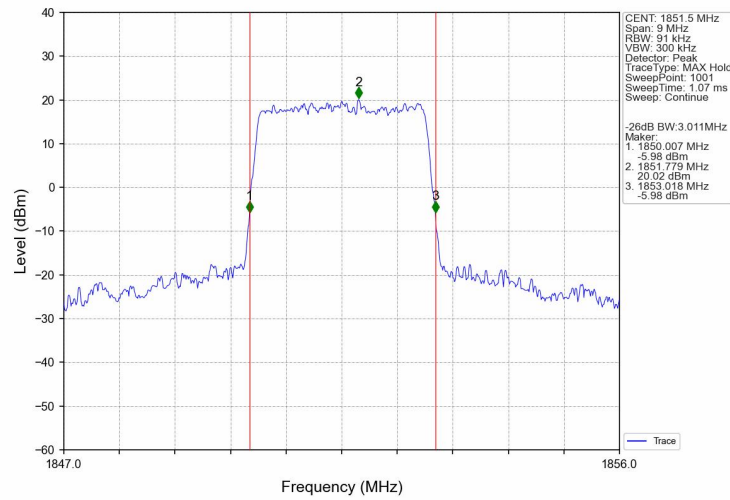
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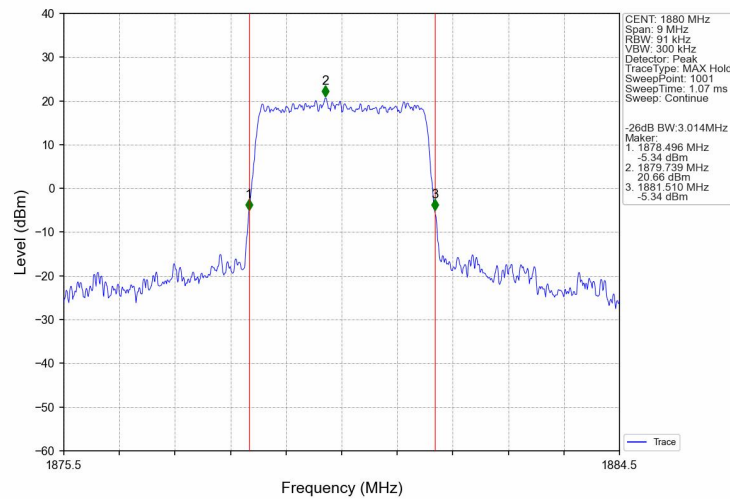
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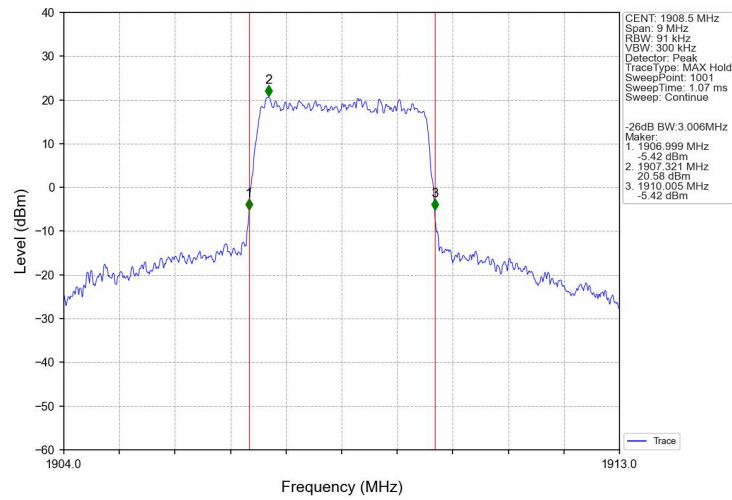
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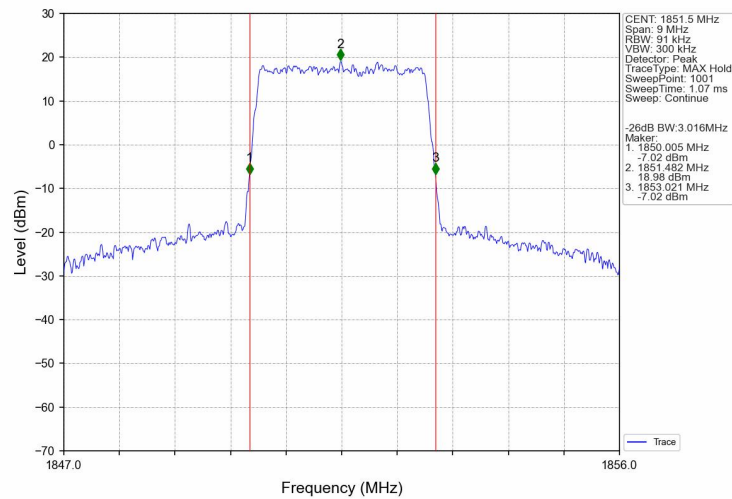
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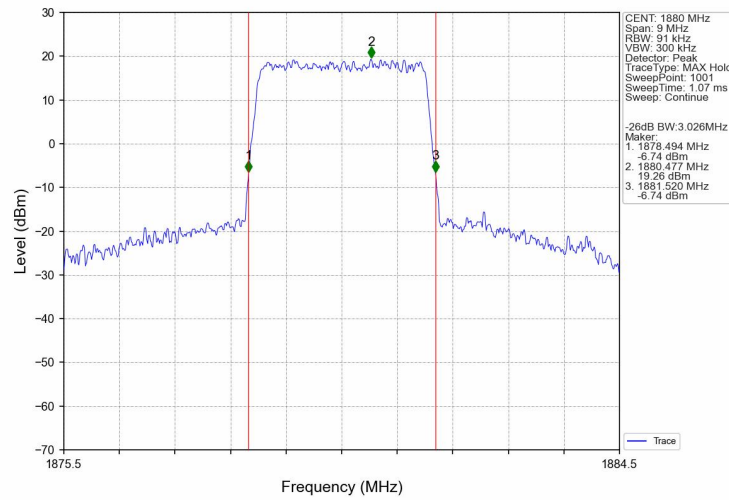
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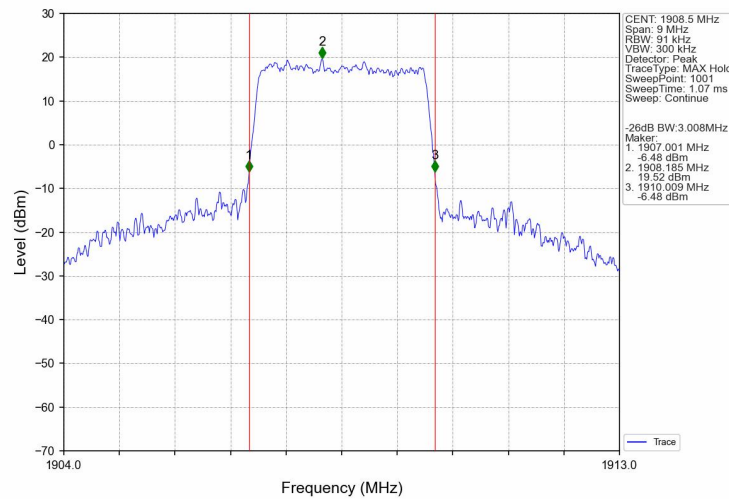
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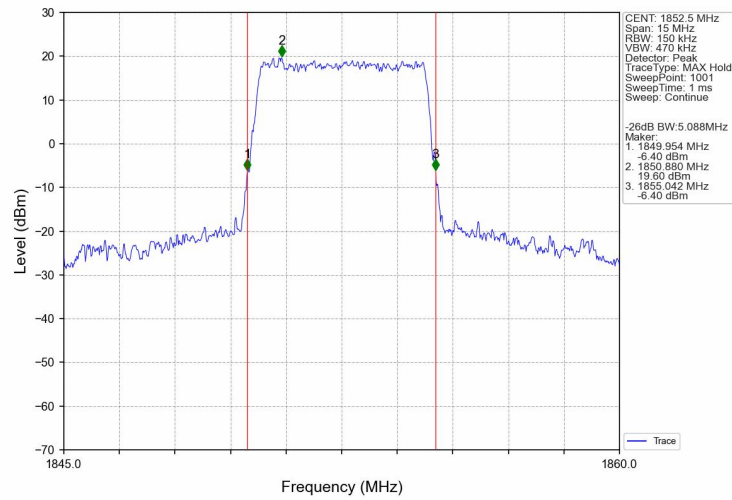
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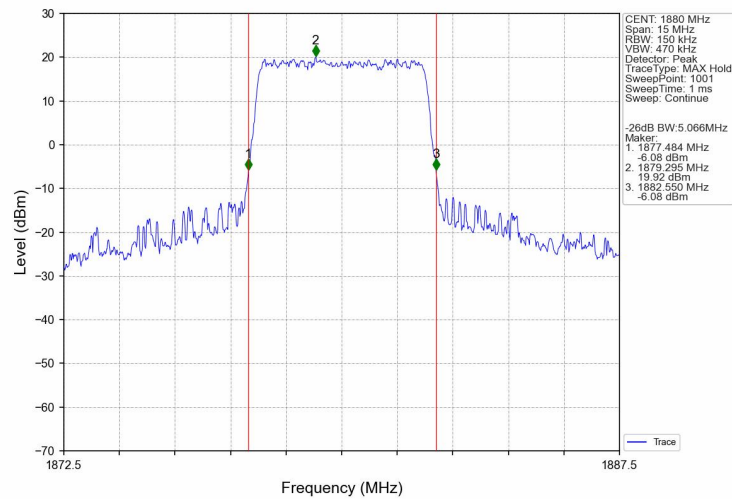
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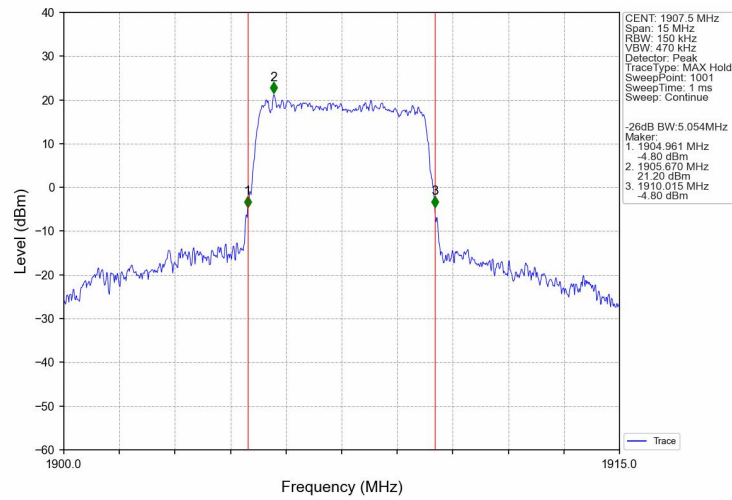
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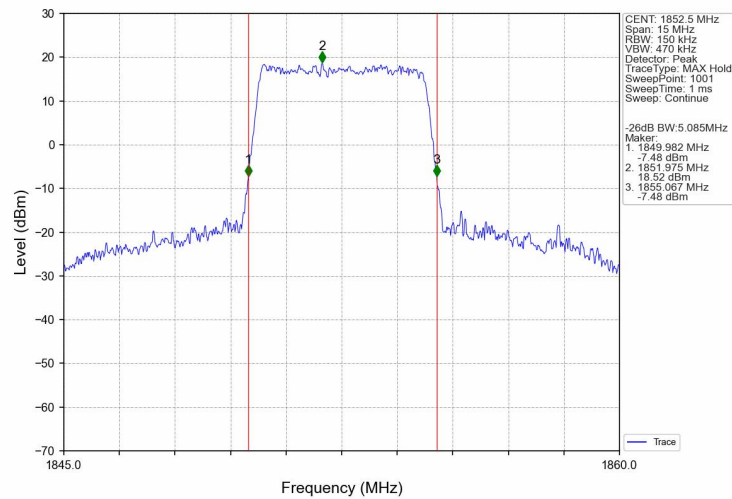
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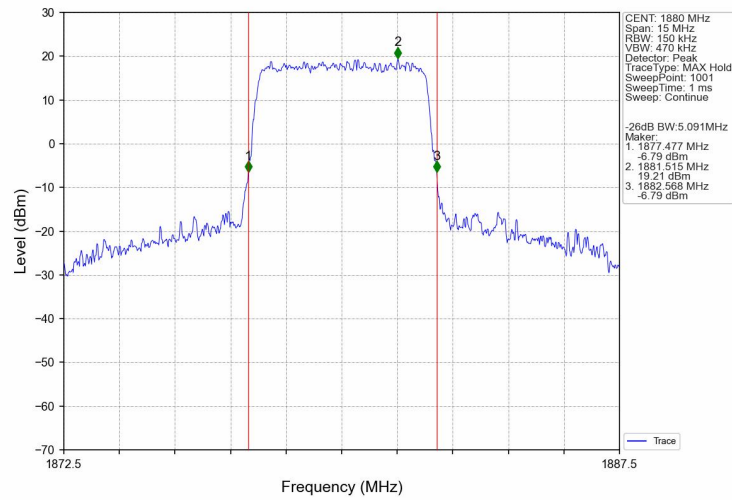
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

