

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	22.70	0.88	23.58	<=33.01	Pass
			2	22.72	0.88	23.60	<=33.01	Pass
			5	22.72	0.88	23.60	<=33.01	Pass
		3	0	22.75	0.88	23.63	<=33.01	Pass
			2	22.74	0.88	23.62	<=33.01	Pass
			3	22.72	0.88	23.60	<=33.01	Pass
		6	0	21.76	0.88	22.64	<=33.01	Pass
	1880	1	0	22.62	0.88	23.50	<=33.01	Pass
			2	22.62	0.88	23.50	<=33.01	Pass
			5	22.59	0.88	23.47	<=33.01	Pass
		3	0	22.62	0.88	23.50	<=33.01	Pass
			2	22.59	0.88	23.47	<=33.01	Pass
			3	22.58	0.88	23.46	<=33.01	Pass
		6	0	21.62	0.88	22.50	<=33.01	Pass
	1909.3	1	0	22.48	0.88	23.36	<=33.01	Pass
			2	22.45	0.88	23.33	<=33.01	Pass
			5	22.46	0.88	23.34	<=33.01	Pass
		3	0	22.58	0.88	23.46	<=33.01	Pass
			2	22.58	0.88	23.46	<=33.01	Pass
			3	22.58	0.88	23.46	<=33.01	Pass
		6	0	21.58	0.88	22.46	<=33.01	Pass
16QAM	1850.7	1	0	21.94	0.88	22.82	<=33.01	Pass
			2	21.94	0.88	22.82	<=33.01	Pass
			5	21.92	0.88	22.80	<=33.01	Pass
		3	0	21.76	0.88	22.64	<=33.01	Pass
			2	21.76	0.88	22.64	<=33.01	Pass
			3	21.75	0.88	22.63	<=33.01	Pass
		6	0	20.78	0.88	21.66	<=33.01	Pass
	1880	1	0	21.78	0.88	22.66	<=33.01	Pass
			2	21.77	0.88	22.65	<=33.01	Pass
			5	21.75	0.88	22.63	<=33.01	Pass
		3	0	21.59	0.88	22.47	<=33.01	Pass
			2	21.59	0.88	22.47	<=33.01	Pass
			3	21.58	0.88	22.46	<=33.01	Pass
		6	0	20.61	0.88	21.49	<=33.01	Pass
	1909.3	1	0	21.56	0.88	22.44	<=33.01	Pass
			2	21.57	0.88	22.45	<=33.01	Pass
			5	21.60	0.88	22.48	<=33.01	Pass
		3	0	21.70	0.88	22.58	<=33.01	Pass
			2	21.72	0.88	22.60	<=33.01	Pass
			3	21.75	0.88	22.63	<=33.01	Pass
		6	0	20.57	0.88	21.45	<=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	22.80	0.88	23.68	<=33.01	Pass
			7	22.79	0.88	23.67	<=33.01	Pass
			14	22.80	0.88	23.68	<=33.01	Pass
		8	0	21.78	0.88	22.66	<=33.01	Pass
			4	21.73	0.88	22.61	<=33.01	Pass
			7	21.77	0.88	22.65	<=33.01	Pass
		15	0	21.76	0.88	22.64	<=33.01	Pass
	1880	1	0	22.68	0.88	23.56	<=33.01	Pass
			7	22.65	0.88	23.53	<=33.01	Pass
			14	22.64	0.88	23.52	<=33.01	Pass
		8	0	21.67	0.88	22.55	<=33.01	Pass
			4	21.64	0.88	22.52	<=33.01	Pass
			7	21.62	0.88	22.50	<=33.01	Pass
		15	0	21.65	0.88	22.53	<=33.01	Pass
	1908.5	1	0	22.54	0.88	23.42	<=33.01	Pass
			7	22.64	0.88	23.52	<=33.01	Pass
			14	22.60	0.88	23.48	<=33.01	Pass
		8	0	21.59	0.88	22.47	<=33.01	Pass
			4	21.60	0.88	22.48	<=33.01	Pass
			7	21.61	0.88	22.49	<=33.01	Pass
		15	0	21.60	0.88	22.48	<=33.01	Pass
16QAM	1851.5	1	0	21.79	0.88	22.67	<=33.01	Pass
			7	21.86	0.88	22.74	<=33.01	Pass
			14	21.81	0.88	22.69	<=33.01	Pass
		8	0	20.84	0.88	21.72	<=33.01	Pass
			4	20.82	0.88	21.70	<=33.01	Pass
			7	20.83	0.88	21.71	<=33.01	Pass
		15	0	20.82	0.88	21.70	<=33.01	Pass
	1880	1	0	21.88	0.88	22.76	<=33.01	Pass
			7	21.86	0.88	22.74	<=33.01	Pass
			14	21.81	0.88	22.69	<=33.01	Pass
		8	0	20.62	0.88	21.50	<=33.01	Pass
			4	20.60	0.88	21.48	<=33.01	Pass
			7	20.61	0.88	21.49	<=33.01	Pass
		15	0	20.61	0.88	21.49	<=33.01	Pass
	1908.5	1	0	21.82	0.88	22.70	<=33.01	Pass
			7	21.84	0.88	22.72	<=33.01	Pass
			14	21.67	0.88	22.55	<=33.01	Pass
		8	0	20.76	0.88	21.64	<=33.01	Pass
			4	20.80	0.88	21.68	<=33.01	Pass
			7	20.83	0.88	21.71	<=33.01	Pass
		15	0	20.70	0.88	21.58	<=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	22.79	0.88	23.67	<=33.01	Pass
			13	22.79	0.88	23.67	<=33.01	Pass
			24	22.82	0.88	23.70	<=33.01	Pass
		12	0	21.71	0.88	22.59	<=33.01	Pass
			6	21.75	0.88	22.63	<=33.01	Pass
			13	21.74	0.88	22.62	<=33.01	Pass
		25	0	21.74	0.88	22.62	<=33.01	Pass
			0	22.22	0.88	23.10	<=33.01	Pass
			13	22.29	0.88	23.17	<=33.01	Pass
	1880	1	24	22.15	0.88	23.03	<=33.01	Pass
			0	21.66	0.88	22.54	<=33.01	Pass
			6	21.61	0.88	22.49	<=33.01	Pass
		12	13	21.62	0.88	22.50	<=33.01	Pass
			0	21.66	0.88	22.54	<=33.01	Pass
			0	22.13	0.88	23.01	<=33.01	Pass
		25	13	22.23	0.88	23.11	<=33.01	Pass
			24	22.32	0.88	23.20	<=33.01	Pass
			0	21.51	0.88	22.39	<=33.01	Pass
16QAM	1852.5	1	6	21.59	0.88	22.47	<=33.01	Pass
			13	21.61	0.88	22.49	<=33.01	Pass
			0	21.61	0.88	22.49	<=33.01	Pass
		12	0	21.75	0.88	22.63	<=33.01	Pass
			13	21.45	0.88	22.33	<=33.01	Pass
			24	21.55	0.88	22.43	<=33.01	Pass
		25	0	20.66	0.88	21.54	<=33.01	Pass
			6	20.70	0.88	21.58	<=33.01	Pass
			13	20.71	0.88	21.59	<=33.01	Pass
	1880	1	0	20.77	0.88	21.65	<=33.01	Pass
			0	21.47	0.88	22.35	<=33.01	Pass
			13	21.40	0.88	22.28	<=33.01	Pass
		12	24	21.38	0.88	22.26	<=33.01	Pass
			0	20.66	0.88	21.54	<=33.01	Pass
			6	20.63	0.88	21.51	<=33.01	Pass
		25	13	20.63	0.88	21.51	<=33.01	Pass
			0	20.63	0.88	21.51	<=33.01	Pass
			0	20.92	0.88	21.80	<=33.01	Pass
	1907.5	1	13	20.94	0.88	21.82	<=33.01	Pass
			24	21.02	0.88	21.90	<=33.01	Pass
			0	20.51	0.88	21.39	<=33.01	Pass
		12	6	20.61	0.88	21.49	<=33.01	Pass
			13	20.66	0.88	21.54	<=33.01	Pass
			0	20.64	0.88	21.52	<=33.01	Pass
		25	0					

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	22.34	0.88	23.22	<=33.01	Pass		
			25	22.40	0.88	23.28	<=33.01	Pass		
			49	22.26	0.88	23.14	<=33.01	Pass		
		25	0	21.70	0.88	22.58	<=33.01	Pass		
			13	21.75	0.88	22.63	<=33.01	Pass		
			25	21.80	0.88	22.68	<=33.01	Pass		
		50	0	21.76	0.88	22.64	<=33.01	Pass		
		1880	1	0	22.11	0.88	22.99	<=33.01	Pass	
				25	22.15	0.88	23.03	<=33.01	Pass	
	49			22.04	0.88	22.92	<=33.01	Pass		
	25		0	21.57	0.88	22.45	<=33.01	Pass		
			13	21.65	0.88	22.53	<=33.01	Pass		
			25	21.62	0.88	22.50	<=33.01	Pass		
	50		0	21.65	0.88	22.53	<=33.01	Pass		
	1905		1	0	22.00	0.88	22.88	<=33.01	Pass	
				25	22.06	0.88	22.94	<=33.01	Pass	
		49		22.13	0.88	23.01	<=33.01	Pass		
		25	0	21.49	0.88	22.37	<=33.01	Pass		
			13	21.60	0.88	22.48	<=33.01	Pass		
			25	21.72	0.88	22.60	<=33.01	Pass		
		50	0	21.64	0.88	22.52	<=33.01	Pass		
		16QAM	1855	1	0	21.25	0.88	22.13	<=33.01	Pass
					25	21.31	0.88	22.19	<=33.01	Pass
	49				21.29	0.88	22.17	<=33.01	Pass	
	25			0	20.79	0.88	21.67	<=33.01	Pass	
				13	20.80	0.88	21.68	<=33.01	Pass	
25				20.86	0.88	21.74	<=33.01	Pass		
50	0			20.77	0.88	21.65	<=33.01	Pass		
1880	1			0	21.29	0.88	22.17	<=33.01	Pass	
				25	21.33	0.88	22.21	<=33.01	Pass	
			49	21.20	0.88	22.08	<=33.01	Pass		
	25		0	20.62	0.88	21.50	<=33.01	Pass		
			13	20.68	0.88	21.56	<=33.01	Pass		
			25	20.68	0.88	21.56	<=33.01	Pass		
50	0		20.61	0.88	21.49	<=33.01	Pass			
1905	1		0	21.52	0.88	22.40	<=33.01	Pass		
			25	21.60	0.88	22.48	<=33.01	Pass		
			49	21.61	0.88	22.49	<=33.01	Pass		
	25		0	20.59	0.88	21.47	<=33.01	Pass		
			13	20.64	0.88	21.52	<=33.01	Pass		
			25	20.80	0.88	21.68	<=33.01	Pass		
	50		0	20.67	0.88	21.55	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	22.12	0.88	23.00	<=33.01	Pass
			38	22.20	0.88	23.08	<=33.01	Pass
			74	22.11	0.88	22.99	<=33.01	Pass
		36	0	21.68	0.88	22.56	<=33.01	Pass
			18	21.71	0.88	22.59	<=33.01	Pass
			39	21.73	0.88	22.61	<=33.01	Pass
		75	0	21.74	0.88	22.62	<=33.01	Pass
			0	22.04	0.88	22.92	<=33.01	Pass
			38	22.12	0.88	23.00	<=33.01	Pass
	1880	1	74	21.91	0.88	22.79	<=33.01	Pass
			0	21.57	0.88	22.45	<=33.01	Pass
			18	21.61	0.88	22.49	<=33.01	Pass
		36	39	21.52	0.88	22.40	<=33.01	Pass
			0	21.63	0.88	22.51	<=33.01	Pass
			0	21.87	0.88	22.75	<=33.01	Pass
		75	38	21.98	0.88	22.86	<=33.01	Pass
			74	22.05	0.88	22.93	<=33.01	Pass
			0	21.50	0.88	22.38	<=33.01	Pass
			18	21.53	0.88	22.41	<=33.01	Pass
			39	21.65	0.88	22.53	<=33.01	Pass
			0	21.60	0.88	22.48	<=33.01	Pass
16QAM	1857.5	1	0	21.54	0.88	22.42	<=33.01	Pass
			38	21.62	0.88	22.50	<=33.01	Pass
			74	21.53	0.88	22.41	<=33.01	Pass
		36	0	20.72	0.88	21.60	<=33.01	Pass
			18	20.70	0.88	21.58	<=33.01	Pass
			39	20.74	0.88	21.62	<=33.01	Pass
		75	0	20.68	0.88	21.56	<=33.01	Pass
			0	21.24	0.88	22.12	<=33.01	Pass
			38	21.29	0.88	22.17	<=33.01	Pass
	1880	1	74	21.09	0.88	21.97	<=33.01	Pass
			0	20.62	0.88	21.50	<=33.01	Pass
			18	20.61	0.88	21.49	<=33.01	Pass
		36	39	20.58	0.88	21.46	<=33.01	Pass
			0	20.64	0.88	21.52	<=33.01	Pass
			0	21.45	0.88	22.33	<=33.01	Pass
		75	38	21.58	0.88	22.46	<=33.01	Pass
			74	21.54	0.88	22.42	<=33.01	Pass
			0	20.53	0.88	21.41	<=33.01	Pass
			18	20.56	0.88	21.44	<=33.01	Pass
			39	20.64	0.88	21.52	<=33.01	Pass
			0	20.60	0.88	21.48	<=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	22.11	0.88	22.99	<=33.01	Pass
			50	22.20	0.88	23.08	<=33.01	Pass
			99	22.07	0.88	22.95	<=33.01	Pass
		50	0	21.68	0.88	22.56	<=33.01	Pass
			25	21.76	0.88	22.64	<=33.01	Pass
			50	21.66	0.88	22.54	<=33.01	Pass
		100	0	21.69	0.88	22.57	<=33.01	Pass
			0	22.09	0.88	22.97	<=33.01	Pass
			50	22.16	0.88	23.04	<=33.01	Pass
	1880	1	99	21.95	0.88	22.83	<=33.01	Pass
			0	21.61	0.88	22.49	<=33.01	Pass
			25	21.63	0.88	22.51	<=33.01	Pass
		50	50	21.65	0.88	22.53	<=33.01	Pass
			0	21.62	0.88	22.50	<=33.01	Pass
			0	21.89	0.88	22.77	<=33.01	Pass
		100	50	22.03	0.88	22.91	<=33.01	Pass
			99	21.95	0.88	22.83	<=33.01	Pass
			0	21.63	0.88	22.51	<=33.01	Pass
	1900	50	25	21.59	0.88	22.47	<=33.01	Pass
			50	21.78	0.88	22.66	<=33.01	Pass
			0	21.71	0.88	22.59	<=33.01	Pass
16QAM	1860	1	0	21.67	0.88	22.55	<=33.01	Pass
			50	21.78	0.88	22.66	<=33.01	Pass
			99	21.65	0.88	22.53	<=33.01	Pass
		50	0	20.68	0.88	21.56	<=33.01	Pass
			25	20.74	0.88	21.62	<=33.01	Pass
			50	20.67	0.88	21.55	<=33.01	Pass
		100	0	20.69	0.88	21.57	<=33.01	Pass
			0	21.29	0.88	22.17	<=33.01	Pass
			50	21.38	0.88	22.26	<=33.01	Pass
	1880	1	99	21.14	0.88	22.02	<=33.01	Pass
			0	20.58	0.88	21.46	<=33.01	Pass
			25	20.60	0.88	21.48	<=33.01	Pass
		50	50	20.59	0.88	21.47	<=33.01	Pass
			0	20.60	0.88	21.48	<=33.01	Pass
			0	21.18	0.88	22.06	<=33.01	Pass
		100	50	21.30	0.88	22.18	<=33.01	Pass
			99	21.31	0.88	22.19	<=33.01	Pass
			0	20.63	0.88	21.51	<=33.01	Pass
	1900	50	25	20.57	0.88	21.45	<=33.01	Pass
			50	20.73	0.88	21.61	<=33.01	Pass
			0	20.69	0.88	21.57	<=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	3.15	1.659	0.0009	-2.5 to 2.5	Pass
					3.80	-11.029	-0.0060	-2.5 to 2.5	Pass
					4.26	12.331	0.0067	-2.5 to 2.5	Pass
				-30	3.80	-1.044	-0.0006	-2.5 to 2.5	Pass
				-20	3.80	-3.519	-0.0019	-2.5 to 2.5	Pass
				-10	3.80	-4.821	-0.0026	-2.5 to 2.5	Pass
				0	3.80	5.779	0.0031	-2.5 to 2.5	Pass
				10	3.80	8.168	0.0044	-2.5 to 2.5	Pass
				30	3.80	7.553	0.0041	-2.5 to 2.5	Pass
				40	3.80	2.947	0.0016	-2.5 to 2.5	Pass
				50	3.80	9.613	0.0052	-2.5 to 2.5	Pass
	1880	6	0	20	3.15	-7.010	-0.0037	-2.5 to 2.5	Pass
					3.80	2.275	0.0012	-2.5 to 2.5	Pass
					4.26	3.762	0.0020	-2.5 to 2.5	Pass
				-30	3.80	-2.747	-0.0015	-2.5 to 2.5	Pass
				-20	3.80	4.778	0.0025	-2.5 to 2.5	Pass
				-10	3.80	-6.580	-0.0035	-2.5 to 2.5	Pass
				0	3.80	8.955	0.0048	-2.5 to 2.5	Pass
				10	3.80	0.916	0.0005	-2.5 to 2.5	Pass
				30	3.80	8.097	0.0043	-2.5 to 2.5	Pass
				40	3.80	-3.734	-0.0020	-2.5 to 2.5	Pass
				50	3.80	12.989	0.0069	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.15	9.456	0.0050	-2.5 to 2.5	Pass
					3.80	8.798	0.0046	-2.5 to 2.5	Pass
					4.26	15.521	0.0081	-2.5 to 2.5	Pass
				-30	3.80	-3.476	-0.0018	-2.5 to 2.5	Pass
				-20	3.80	4.492	0.0024	-2.5 to 2.5	Pass
				-10	3.80	2.518	0.0013	-2.5 to 2.5	Pass
				0	3.80	6.123	0.0032	-2.5 to 2.5	Pass
				10	3.80	-5.493	-0.0029	-2.5 to 2.5	Pass
				30	3.80	-0.801	-0.0004	-2.5 to 2.5	Pass
				40	3.80	-2.847	-0.0015	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.15	2.632	0.0014	-2.5 to 2.5	Pass
					3.80	13.032	0.0070	-2.5 to 2.5	Pass
					4.26	-3.862	-0.0021	-2.5 to 2.5	Pass
				-30	3.80	5.193	0.0028	-2.5 to 2.5	Pass
				-20	3.80	4.220	0.0023	-2.5 to 2.5	Pass
				-10	3.80	-0.701	-0.0004	-2.5 to 2.5	Pass
				0	3.80	4.849	0.0026	-2.5 to 2.5	Pass
				10	3.80	3.376	0.0018	-2.5 to 2.5	Pass
				30	3.80	11.101	0.0060	-2.5 to 2.5	Pass
				40	3.80	5.207	0.0028	-2.5 to 2.5	Pass
				50	3.80	-1.473	-0.0008	-2.5 to 2.5	Pass
	1880	6	0	20	3.15	7.195	0.0038	-2.5 to 2.5	Pass
					3.80	15.764	0.0084	-2.5 to 2.5	Pass
					4.26	11.001	0.0059	-2.5 to 2.5	Pass
				-30	3.80	9.012	0.0048	-2.5 to 2.5	Pass
				-20	3.80	14.634	0.0078	-2.5 to 2.5	Pass
				-10	3.80	-0.215	-0.0001	-2.5 to 2.5	Pass

				0	3.80	2.804	0.0015	-2.5 to 2.5	Pass
				10	3.80	1.044	0.0006	-2.5 to 2.5	Pass
				30	3.80	2.732	0.0015	-2.5 to 2.5	Pass
				40	3.80	15.821	0.0084	-2.5 to 2.5	Pass
				50	3.80	18.454	0.0098	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.15	0.486	0.0003	-2.5 to 2.5	Pass
					3.80	-4.106	-0.0022	-2.5 to 2.5	Pass
					4.26	4.835	0.0025	-2.5 to 2.5	Pass
				-30	3.80	0.286	0.0001	-2.5 to 2.5	Pass
				-20	3.80	6.738	0.0035	-2.5 to 2.5	Pass
				-10	3.80	-3.877	-0.0020	-2.5 to 2.5	Pass
				0	3.80	1.202	0.0006	-2.5 to 2.5	Pass
				10	3.80	11.215	0.0059	-2.5 to 2.5	Pass
				30	3.80	12.116	0.0063	-2.5 to 2.5	Pass
				40	3.80	6.251	0.0033	-2.5 to 2.5	Pass
				50	3.80	-2.518	-0.0013	-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	3.15	-2.418	-0.0013	-2.5 to 2.5	Pass
					3.80	-1.431	-0.0008	-2.5 to 2.5	Pass
					4.26	0.458	0.0002	-2.5 to 2.5	Pass
				-30	3.80	7.753	0.0042	-2.5 to 2.5	Pass
				-20	3.80	3.877	0.0021	-2.5 to 2.5	Pass
				-10	3.80	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.80	-10.171	-0.0055	-2.5 to 2.5	Pass
				10	3.80	4.978	0.0027	-2.5 to 2.5	Pass
				30	3.80	11.358	0.0061	-2.5 to 2.5	Pass
				40	3.80	3.376	0.0018	-2.5 to 2.5	Pass
	50	3.80	2.189	0.0012	-2.5 to 2.5	Pass			
	1880	15	0	20	3.15	0.486	0.0003	-2.5 to 2.5	Pass
					3.80	-8.855	-0.0047	-2.5 to 2.5	Pass
					4.26	0.830	0.0004	-2.5 to 2.5	Pass
				-30	3.80	5.579	0.0030	-2.5 to 2.5	Pass
				-20	3.80	1.574	0.0008	-2.5 to 2.5	Pass
				-10	3.80	-6.881	-0.0037	-2.5 to 2.5	Pass
				0	3.80	-5.651	-0.0030	-2.5 to 2.5	Pass
				10	3.80	-5.636	-0.0030	-2.5 to 2.5	Pass
				30	3.80	-8.111	-0.0043	-2.5 to 2.5	Pass
				40	3.80	4.835	0.0026	-2.5 to 2.5	Pass
	50	3.80	5.894	0.0031	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.15	12.088	0.0063	-2.5 to 2.5	Pass
					3.80	9.556	0.0050	-2.5 to 2.5	Pass
					4.26	8.154	0.0043	-2.5 to 2.5	Pass
				-30	3.80	8.483	0.0044	-2.5 to 2.5	Pass
				-20	3.80	2.904	0.0015	-2.5 to 2.5	Pass
				-10	3.80	16.580	0.0087	-2.5 to 2.5	Pass
				0	3.80	-1.431	-0.0007	-2.5 to 2.5	Pass
				10	3.80	2.432	0.0013	-2.5 to 2.5	Pass
30				3.80	13.590	0.0071	-2.5 to 2.5	Pass	
40				3.80	-1.202	-0.0006	-2.5 to 2.5	Pass	
50	3.80	4.950	0.0026	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.15	2.074	0.0011	-2.5 to 2.5	Pass
					3.80	7.753	0.0042	-2.5 to 2.5	Pass
					4.26	8.655	0.0047	-2.5 to 2.5	Pass

				-30	3.80	9.055	0.0049	-2.5 to 2.5	Pass
				-20	3.80	-5.107	-0.0028	-2.5 to 2.5	Pass
				-10	3.80	10.457	0.0056	-2.5 to 2.5	Pass
				0	3.80	2.947	0.0016	-2.5 to 2.5	Pass
				10	3.80	0.987	0.0005	-2.5 to 2.5	Pass
				30	3.80	6.323	0.0034	-2.5 to 2.5	Pass
				40	3.80	9.799	0.0053	-2.5 to 2.5	Pass
				50	3.80	1.473	0.0008	-2.5 to 2.5	Pass
	1880	15	0	20	3.15	2.675	0.0014	-2.5 to 2.5	Pass
					3.80	0.172	0.0001	-2.5 to 2.5	Pass
					4.26	4.921	0.0026	-2.5 to 2.5	Pass
				-30	3.80	12.860	0.0068	-2.5 to 2.5	Pass
				-20	3.80	-1.616	-0.0009	-2.5 to 2.5	Pass
				-10	3.80	10.557	0.0056	-2.5 to 2.5	Pass
				0	3.80	9.327	0.0050	-2.5 to 2.5	Pass
				10	3.80	0.958	0.0005	-2.5 to 2.5	Pass
				30	3.80	2.146	0.0011	-2.5 to 2.5	Pass
				40	3.80	9.069	0.0048	-2.5 to 2.5	Pass
				50	3.80	7.510	0.0040	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.15	5.221	0.0027	-2.5 to 2.5	Pass
					3.80	-0.744	-0.0004	-2.5 to 2.5	Pass
					4.26	1.230	0.0006	-2.5 to 2.5	Pass
				-30	3.80	10.729	0.0056	-2.5 to 2.5	Pass
				-20	3.80	4.277	0.0022	-2.5 to 2.5	Pass
				-10	3.80	-2.403	-0.0013	-2.5 to 2.5	Pass
				0	3.80	6.280	0.0033	-2.5 to 2.5	Pass
				10	3.80	2.131	0.0011	-2.5 to 2.5	Pass
				30	3.80	4.935	0.0026	-2.5 to 2.5	Pass
				40	3.80	-1.445	-0.0008	-2.5 to 2.5	Pass
				50	3.80	8.297	0.0043	-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	3.15	-2.747	-0.0015	-2.5 to 2.5	Pass
					3.80	1.845	0.0010	-2.5 to 2.5	Pass
					4.26	-1.302	-0.0007	-2.5 to 2.5	Pass
				-30	3.80	3.390	0.0018	-2.5 to 2.5	Pass
				-20	3.80	6.723	0.0036	-2.5 to 2.5	Pass
				-10	3.80	6.108	0.0033	-2.5 to 2.5	Pass
				0	3.80	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.80	-2.146	-0.0012	-2.5 to 2.5	Pass
				30	3.80	-2.260	-0.0012	-2.5 to 2.5	Pass
				40	3.80	-5.579	-0.0030	-2.5 to 2.5	Pass
				50	3.80	5.994	0.0032	-2.5 to 2.5	Pass
	1880	25	0	20	3.15	0.114	0.0001	-2.5 to 2.5	Pass
					3.80	5.736	0.0031	-2.5 to 2.5	Pass
					4.26	-3.920	-0.0021	-2.5 to 2.5	Pass
				-30	3.80	9.284	0.0049	-2.5 to 2.5	Pass
				-20	3.80	-2.589	-0.0014	-2.5 to 2.5	Pass
				-10	3.80	1.974	0.0011	-2.5 to 2.5	Pass
				0	3.80	12.531	0.0067	-2.5 to 2.5	Pass
				10	3.80	1.259	0.0007	-2.5 to 2.5	Pass
				30	3.80	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.80	2.446	0.0013	-2.5 to 2.5	Pass
				50	3.80	0.558	0.0003	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.15	4.106	0.0022	-2.5 to 2.5	Pass
					3.80	2.460	0.0013	-2.5 to 2.5	Pass
					4.26	8.898	0.0047	-2.5 to 2.5	Pass
				-30	3.80	4.177	0.0022	-2.5 to 2.5	Pass
				-20	3.80	1.688	0.0009	-2.5 to 2.5	Pass
				-10	3.80	6.838	0.0036	-2.5 to 2.5	Pass
				0	3.80	2.346	0.0012	-2.5 to 2.5	Pass
				10	3.80	10.500	0.0055	-2.5 to 2.5	Pass
				30	3.80	4.134	0.0022	-2.5 to 2.5	Pass
				40	3.80	2.017	0.0011	-2.5 to 2.5	Pass
				50	3.80	-0.844	-0.0004	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.15	2.890	0.0016	-2.5 to 2.5	Pass
					3.80	-2.818	-0.0015	-2.5 to 2.5	Pass
					4.26	0.801	0.0004	-2.5 to 2.5	Pass
				-30	3.80	-3.233	-0.0017	-2.5 to 2.5	Pass
				-20	3.80	8.526	0.0046	-2.5 to 2.5	Pass
				-10	3.80	3.147	0.0017	-2.5 to 2.5	Pass
				0	3.80	9.012	0.0049	-2.5 to 2.5	Pass
				10	3.80	-2.861	-0.0015	-2.5 to 2.5	Pass
				30	3.80	5.035	0.0027	-2.5 to 2.5	Pass
				40	3.80	0.458	0.0002	-2.5 to 2.5	Pass
				50	3.80	4.835	0.0026	-2.5 to 2.5	Pass
	1880	25	0	20	3.15	-0.944	-0.0005	-2.5 to 2.5	Pass
					3.80	6.952	0.0037	-2.5 to 2.5	Pass
					4.26	9.527	0.0051	-2.5 to 2.5	Pass
				-30	3.80	4.663	0.0025	-2.5 to 2.5	Pass
				-20	3.80	4.263	0.0023	-2.5 to 2.5	Pass
				-10	3.80	3.891	0.0021	-2.5 to 2.5	Pass
				0	3.80	-2.017	-0.0011	-2.5 to 2.5	Pass
				10	3.80	4.749	0.0025	-2.5 to 2.5	Pass
				30	3.80	-5.450	-0.0029	-2.5 to 2.5	Pass
				40	3.80	0.043	0.0000	-2.5 to 2.5	Pass
				50	3.80	10.571	0.0056	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.15	-2.489	-0.0013	-2.5 to 2.5	Pass
					3.80	6.380	0.0033	-2.5 to 2.5	Pass
					4.26	2.174	0.0011	-2.5 to 2.5	Pass
				-30	3.80	3.076	0.0016	-2.5 to 2.5	Pass
				-20	3.80	8.712	0.0046	-2.5 to 2.5	Pass
				-10	3.80	-0.873	-0.0005	-2.5 to 2.5	Pass
				0	3.80	4.234	0.0022	-2.5 to 2.5	Pass
				10	3.80	12.059	0.0063	-2.5 to 2.5	Pass
				30	3.80	10.085	0.0053	-2.5 to 2.5	Pass
				40	3.80	0.873	0.0005	-2.5 to 2.5	Pass
				50	3.80	11.101	0.0058	-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	3.15	1.531	0.0008	-2.5 to 2.5	Pass
					3.80	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.26	1.802	0.0010	-2.5 to 2.5	Pass
				-30	3.80	3.676	0.0020	-2.5 to 2.5	Pass
				-20	3.80	2.618	0.0014	-2.5 to 2.5	Pass
				-10	3.80	-2.675	-0.0014	-2.5 to 2.5	Pass
				0	3.80	3.190	0.0017	-2.5 to 2.5	Pass
				10	3.80	-0.257	-0.0001	-2.5 to 2.5	Pass

				30	3.80	-3.648	-0.0020	-2.5 to 2.5	Pass
				40	3.80	-1.473	-0.0008	-2.5 to 2.5	Pass
				50	3.80	0.615	0.0003	-2.5 to 2.5	Pass
	1880	50	0	20	3.15	3.762	0.0020	-2.5 to 2.5	Pass
					3.80	-1.087	-0.0006	-2.5 to 2.5	Pass
					4.26	3.190	0.0017	-2.5 to 2.5	Pass
				-30	3.80	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.80	1.259	0.0007	-2.5 to 2.5	Pass
				-10	3.80	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.80	5.836	0.0031	-2.5 to 2.5	Pass
				10	3.80	-0.486	-0.0003	-2.5 to 2.5	Pass
				30	3.80	-0.815	-0.0004	-2.5 to 2.5	Pass
				40	3.80	3.333	0.0018	-2.5 to 2.5	Pass
				50	3.80	1.574	0.0008	-2.5 to 2.5	Pass
	1905	50	0	20	3.15	2.775	0.0015	-2.5 to 2.5	Pass
					3.80	4.520	0.0024	-2.5 to 2.5	Pass
					4.26	1.817	0.0010	-2.5 to 2.5	Pass
				-30	3.80	0.443	0.0002	-2.5 to 2.5	Pass
				-20	3.80	1.631	0.0009	-2.5 to 2.5	Pass
				-10	3.80	0.472	0.0002	-2.5 to 2.5	Pass
				0	3.80	-0.315	-0.0002	-2.5 to 2.5	Pass
				10	3.80	1.860	0.0010	-2.5 to 2.5	Pass
				30	3.80	6.838	0.0036	-2.5 to 2.5	Pass
				40	3.80	6.094	0.0032	-2.5 to 2.5	Pass
				50	3.80	3.862	0.0020	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.15	0.844	0.0005	-2.5 to 2.5	Pass
					3.80	-3.533	-0.0019	-2.5 to 2.5	Pass
					4.26	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.80	-0.386	-0.0002	-2.5 to 2.5	Pass
				-20	3.80	1.030	0.0006	-2.5 to 2.5	Pass
				-10	3.80	1.202	0.0006	-2.5 to 2.5	Pass
				0	3.80	4.706	0.0025	-2.5 to 2.5	Pass
				10	3.80	0.172	0.0001	-2.5 to 2.5	Pass
				30	3.80	-0.272	-0.0001	-2.5 to 2.5	Pass
				40	3.80	-1.516	-0.0008	-2.5 to 2.5	Pass
				50	3.80	-1.316	-0.0007	-2.5 to 2.5	Pass
	1880	50	0	20	3.15	2.375	0.0013	-2.5 to 2.5	Pass
					3.80	4.435	0.0024	-2.5 to 2.5	Pass
					4.26	1.717	0.0009	-2.5 to 2.5	Pass
				-30	3.80	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.80	2.804	0.0015	-2.5 to 2.5	Pass
				-10	3.80	-0.958	-0.0005	-2.5 to 2.5	Pass
				0	3.80	0.157	0.0001	-2.5 to 2.5	Pass
				10	3.80	1.230	0.0007	-2.5 to 2.5	Pass
				30	3.80	1.731	0.0009	-2.5 to 2.5	Pass
				40	3.80	3.834	0.0020	-2.5 to 2.5	Pass
				50	3.80	1.574	0.0008	-2.5 to 2.5	Pass
	1905	50	0	20	3.15	7.110	0.0037	-2.5 to 2.5	Pass
					3.80	4.635	0.0024	-2.5 to 2.5	Pass
					4.26	1.044	0.0005	-2.5 to 2.5	Pass
				-30	3.80	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.80	-0.887	-0.0005	-2.5 to 2.5	Pass
				-10	3.80	-0.458	-0.0002	-2.5 to 2.5	Pass
				0	3.80	3.419	0.0018	-2.5 to 2.5	Pass
				10	3.80	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.80	3.390	0.0018	-2.5 to 2.5	Pass
				40	3.80	-1.273	-0.0007	-2.5 to 2.5	Pass
				50	3.80	11.358	0.0060	-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	3.15	0.186	0.0001	-2.5 to 2.5	Pass
					3.80	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.26	-1.659	-0.0009	-2.5 to 2.5	Pass
				-30	3.80	-3.104	-0.0017	-2.5 to 2.5	Pass
				-20	3.80	5.307	0.0029	-2.5 to 2.5	Pass
				-10	3.80	-2.117	-0.0011	-2.5 to 2.5	Pass
				0	3.80	-0.715	-0.0004	-2.5 to 2.5	Pass
				10	3.80	-4.005	-0.0022	-2.5 to 2.5	Pass
				30	3.80	-2.618	-0.0014	-2.5 to 2.5	Pass
				40	3.80	-5.021	-0.0027	-2.5 to 2.5	Pass
				50	3.80	1.516	0.0008	-2.5 to 2.5	Pass
	1880	75	0	20	3.15	0.715	0.0004	-2.5 to 2.5	Pass
					3.80	3.061	0.0016	-2.5 to 2.5	Pass
					4.26	0.887	0.0005	-2.5 to 2.5	Pass
				-30	3.80	0.515	0.0003	-2.5 to 2.5	Pass
				-20	3.80	1.731	0.0009	-2.5 to 2.5	Pass
				-10	3.80	1.245	0.0007	-2.5 to 2.5	Pass
				0	3.80	0.072	0.0000	-2.5 to 2.5	Pass
				10	3.80	-0.615	-0.0003	-2.5 to 2.5	Pass
				30	3.80	2.503	0.0013	-2.5 to 2.5	Pass
				40	3.80	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.80	4.120	0.0022	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.15	6.108	0.0032	-2.5 to 2.5	Pass
					3.80	5.107	0.0027	-2.5 to 2.5	Pass
					4.26	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.80	2.575	0.0014	-2.5 to 2.5	Pass
				-20	3.80	3.333	0.0018	-2.5 to 2.5	Pass
				-10	3.80	4.807	0.0025	-2.5 to 2.5	Pass
				0	3.80	1.960	0.0010	-2.5 to 2.5	Pass
				10	3.80	0.329	0.0002	-2.5 to 2.5	Pass
				30	3.80	3.476	0.0018	-2.5 to 2.5	Pass
				40	3.80	1.960	0.0010	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.15	0.157	0.0001	-2.5 to 2.5	Pass
					3.80	1.030	0.0006	-2.5 to 2.5	Pass
					4.26	-0.801	-0.0004	-2.5 to 2.5	Pass
				-30	3.80	0.987	0.0005	-2.5 to 2.5	Pass
				-20	3.80	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.80	0.629	0.0003	-2.5 to 2.5	Pass
				0	3.80	-6.967	-0.0038	-2.5 to 2.5	Pass
				10	3.80	-0.243	-0.0001	-2.5 to 2.5	Pass
				30	3.80	-2.475	-0.0013	-2.5 to 2.5	Pass
				40	3.80	0.057	0.0000	-2.5 to 2.5	Pass
				50	3.80	-0.873	-0.0005	-2.5 to 2.5	Pass
	1880	75	0	20	3.15	-1.688	-0.0009	-2.5 to 2.5	Pass
					3.80	-3.934	-0.0021	-2.5 to 2.5	Pass
					4.26	1.588	0.0008	-2.5 to 2.5	Pass
				-30	3.80	3.104	0.0017	-2.5 to 2.5	Pass
				-20	3.80	0.887	0.0005	-2.5 to 2.5	Pass
				-10	3.80	4.764	0.0025	-2.5 to 2.5	Pass
				0	3.80	-0.615	-0.0003	-2.5 to 2.5	Pass
				10	3.80	0.286	0.0002	-2.5 to 2.5	Pass
				30	3.80	-0.401	-0.0002	-2.5 to 2.5	Pass
				40	3.80	0.629	0.0003	-2.5 to 2.5	Pass
				50	3.80	0.744	0.0004	-2.5 to 2.5	Pass

	1902.5	75	0	20	3.15	8.268	0.0043	-2.5 to 2.5	Pass
					3.80	7.710	0.0041	-2.5 to 2.5	Pass
					4.26	3.390	0.0018	-2.5 to 2.5	Pass
				-30	3.80	5.293	0.0028	-2.5 to 2.5	Pass
				-20	3.80	4.134	0.0022	-2.5 to 2.5	Pass
				-10	3.80	5.693	0.0030	-2.5 to 2.5	Pass
				0	3.80	1.044	0.0005	-2.5 to 2.5	Pass
				10	3.80	5.593	0.0029	-2.5 to 2.5	Pass
				30	3.80	6.051	0.0032	-2.5 to 2.5	Pass
				40	3.80	4.992	0.0026	-2.5 to 2.5	Pass
				50	3.80	0.858	0.0005	-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	3.15	3.405	0.0018	-2.5 to 2.5	Pass
					3.80	1.373	0.0007	-2.5 to 2.5	Pass
					4.26	3.662	0.0020	-2.5 to 2.5	Pass
				-30	3.80	0.772	0.0004	-2.5 to 2.5	Pass
				-20	3.80	3.691	0.0020	-2.5 to 2.5	Pass
				-10	3.80	3.104	0.0017	-2.5 to 2.5	Pass
				0	3.80	6.838	0.0037	-2.5 to 2.5	Pass
				10	3.80	3.676	0.0020	-2.5 to 2.5	Pass
				30	3.80	4.821	0.0026	-2.5 to 2.5	Pass
				40	3.80	2.761	0.0015	-2.5 to 2.5	Pass
				50	3.80	1.473	0.0008	-2.5 to 2.5	Pass
	1880	100	0	20	3.15	-3.018	-0.0016	-2.5 to 2.5	Pass
					3.80	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.26	3.319	0.0018	-2.5 to 2.5	Pass
				-30	3.80	-2.189	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	4.005	0.0021	-2.5 to 2.5	Pass
				-10	3.80	2.475	0.0013	-2.5 to 2.5	Pass
				0	3.80	3.090	0.0016	-2.5 to 2.5	Pass
				10	3.80	3.562	0.0019	-2.5 to 2.5	Pass
				30	3.80	6.094	0.0032	-2.5 to 2.5	Pass
				40	3.80	4.377	0.0023	-2.5 to 2.5	Pass
				50	3.80	3.390	0.0018	-2.5 to 2.5	Pass
	1900	100	0	20	3.15	5.121	0.0027	-2.5 to 2.5	Pass
					3.80	4.778	0.0025	-2.5 to 2.5	Pass
					4.26	1.831	0.0010	-2.5 to 2.5	Pass
				-30	3.80	3.090	0.0016	-2.5 to 2.5	Pass
				-20	3.80	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.80	2.060	0.0011	-2.5 to 2.5	Pass
				0	3.80	2.646	0.0014	-2.5 to 2.5	Pass
				10	3.80	-6.680	-0.0035	-2.5 to 2.5	Pass
				30	3.80	5.450	0.0029	-2.5 to 2.5	Pass
				40	3.80	0.973	0.0005	-2.5 to 2.5	Pass
				50	3.80	-5.465	-0.0029	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.15	1.402	0.0008	-2.5 to 2.5	Pass
					3.80	3.777	0.0020	-2.5 to 2.5	Pass
					4.26	1.445	0.0008	-2.5 to 2.5	Pass
				-30	3.80	5.136	0.0028	-2.5 to 2.5	Pass
				-20	3.80	1.130	0.0006	-2.5 to 2.5	Pass
				-10	3.80	5.050	0.0027	-2.5 to 2.5	Pass
				0	3.80	1.831	0.0010	-2.5 to 2.5	Pass
				10	3.80	0.029	0.0000	-2.5 to 2.5	Pass

				30	3.80	2.804	0.0015	-2.5 to 2.5	Pass
				40	3.80	0.129	0.0001	-2.5 to 2.5	Pass
				50	3.80	4.978	0.0027	-2.5 to 2.5	Pass
	1880	100	0	20	3.15	5.193	0.0028	-2.5 to 2.5	Pass
					3.80	3.662	0.0019	-2.5 to 2.5	Pass
					4.26	6.037	0.0032	-2.5 to 2.5	Pass
				-30	3.80	1.974	0.0011	-2.5 to 2.5	Pass
				-20	3.80	2.804	0.0015	-2.5 to 2.5	Pass
				-10	3.80	7.796	0.0041	-2.5 to 2.5	Pass
				0	3.80	2.575	0.0014	-2.5 to 2.5	Pass
				10	3.80	3.562	0.0019	-2.5 to 2.5	Pass
				30	3.80	1.402	0.0007	-2.5 to 2.5	Pass
				40	3.80	3.920	0.0021	-2.5 to 2.5	Pass
				50	3.80	4.835	0.0026	-2.5 to 2.5	Pass
	1900	100	0	20	3.15	0.815	0.0004	-2.5 to 2.5	Pass
					3.80	2.804	0.0015	-2.5 to 2.5	Pass
					4.26	5.207	0.0027	-2.5 to 2.5	Pass
				-30	3.80	-0.458	-0.0002	-2.5 to 2.5	Pass
				-20	3.80	3.061	0.0016	-2.5 to 2.5	Pass
				-10	3.80	5.264	0.0028	-2.5 to 2.5	Pass
				0	3.80	4.621	0.0024	-2.5 to 2.5	Pass
				10	3.80	4.249	0.0022	-2.5 to 2.5	Pass
				30	3.80	6.366	0.0034	-2.5 to 2.5	Pass
				40	3.80	5.193	0.0027	-2.5 to 2.5	Pass
				50	3.80	4.249	0.0022	-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

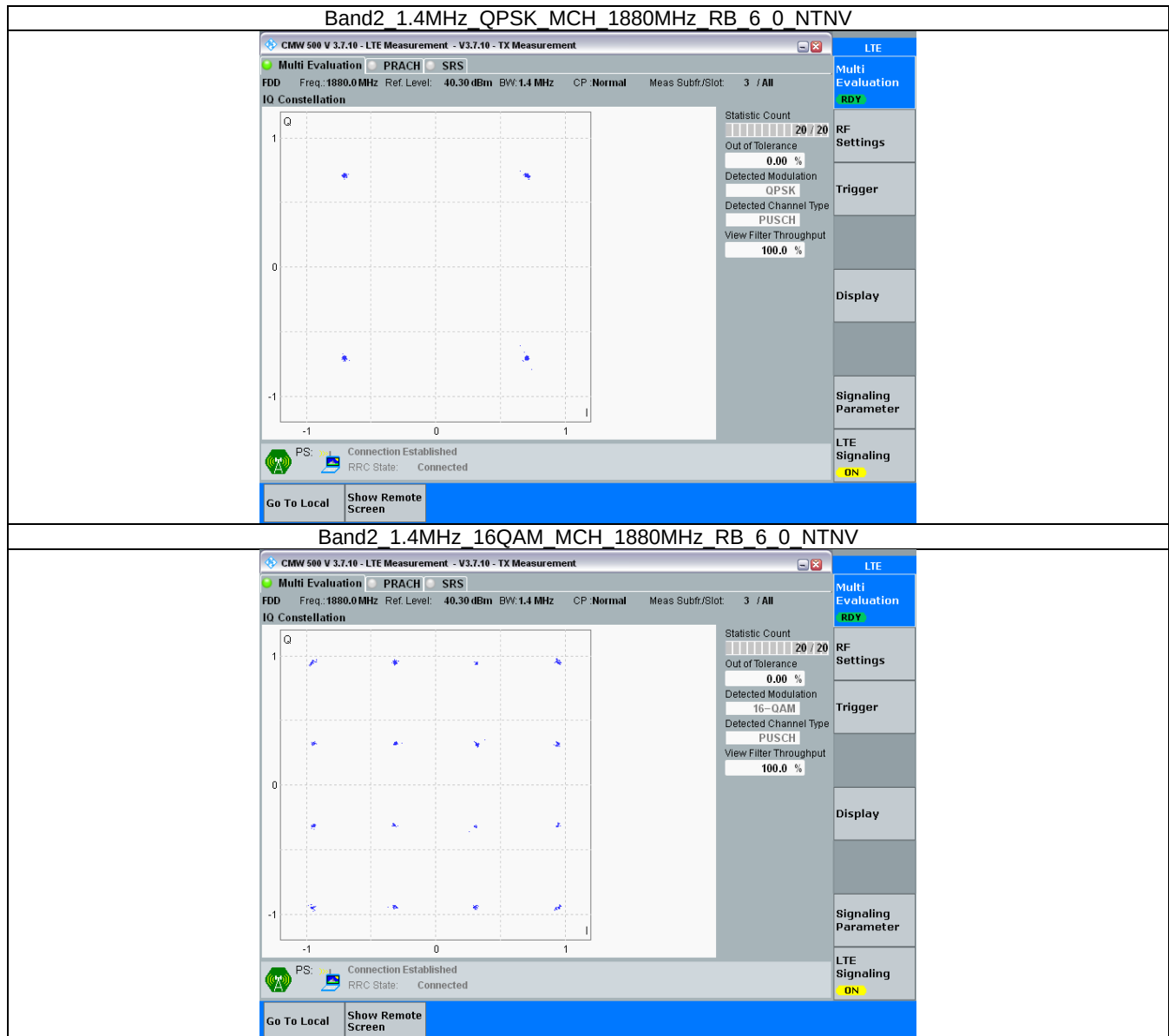
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

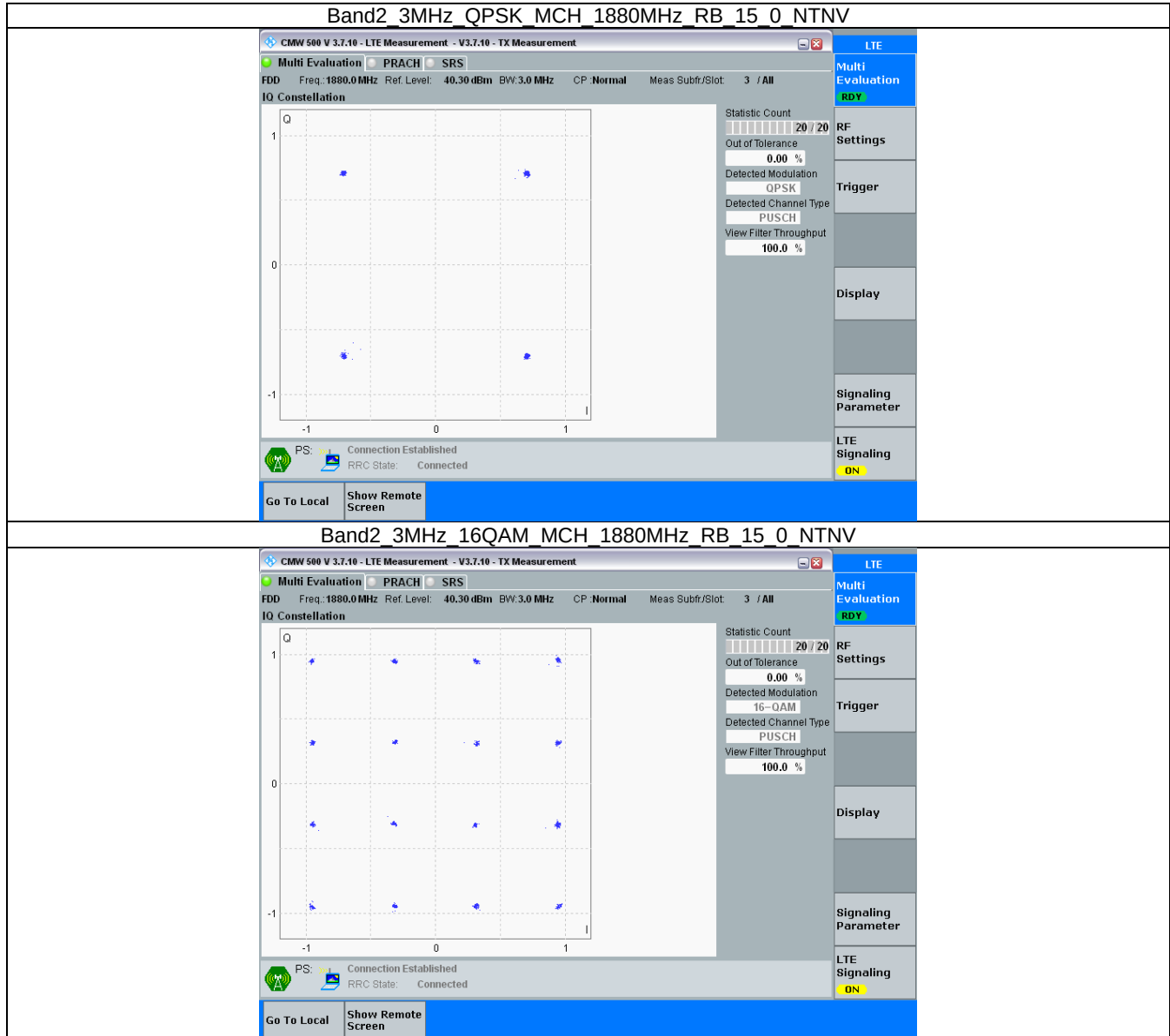
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

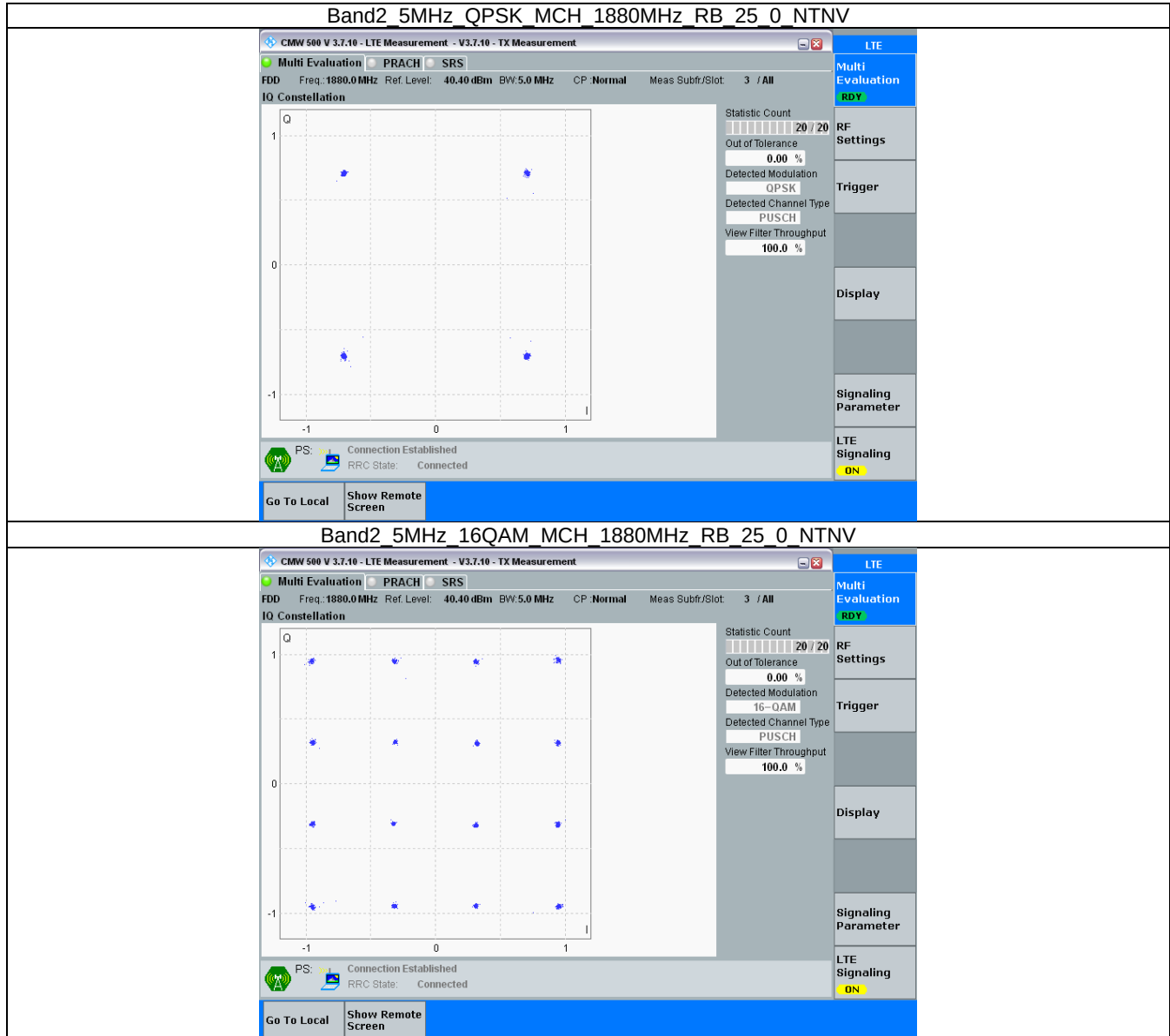
3.2.1 B2_1.4MHz



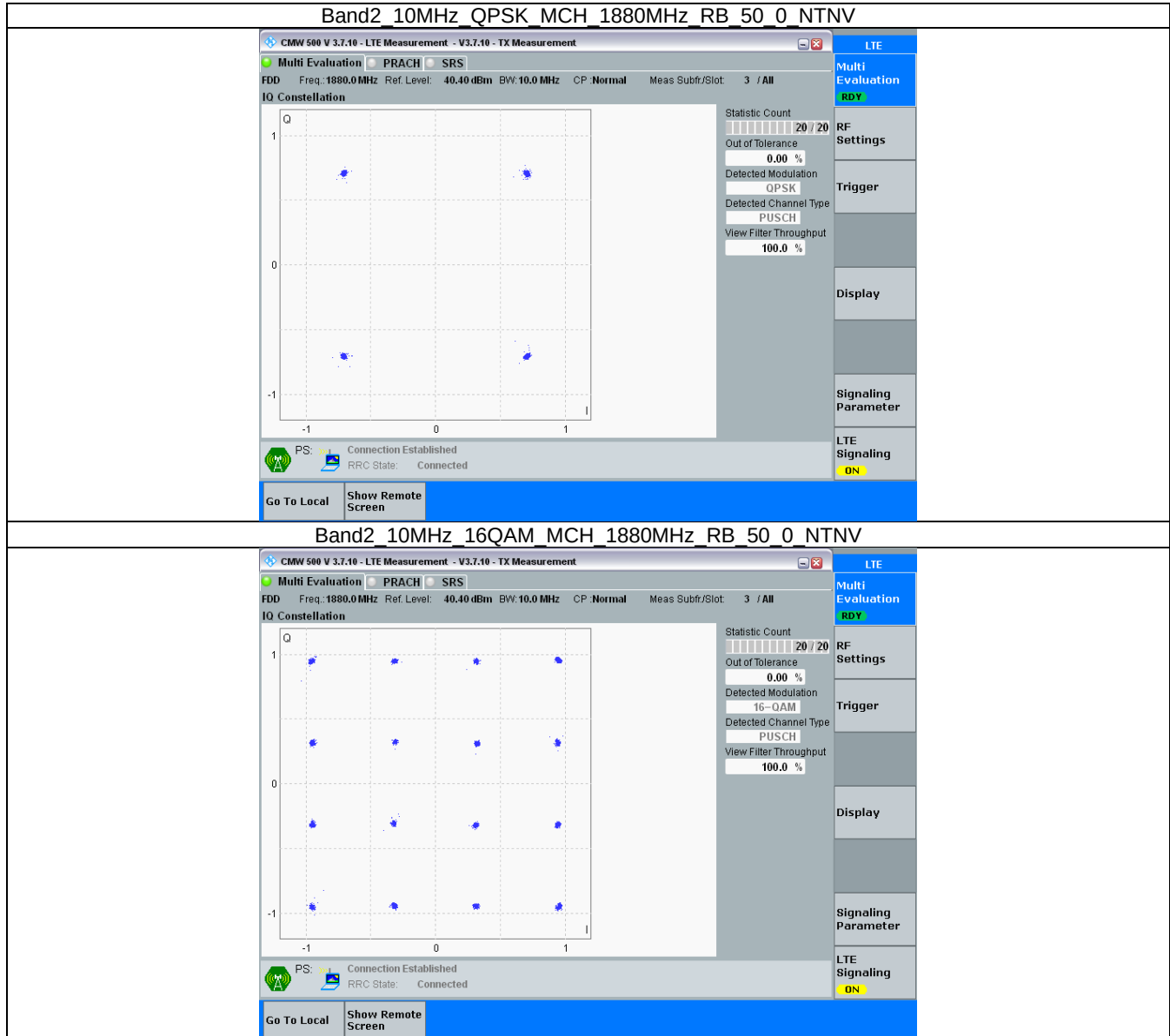
3.2.2 B2_3MHz



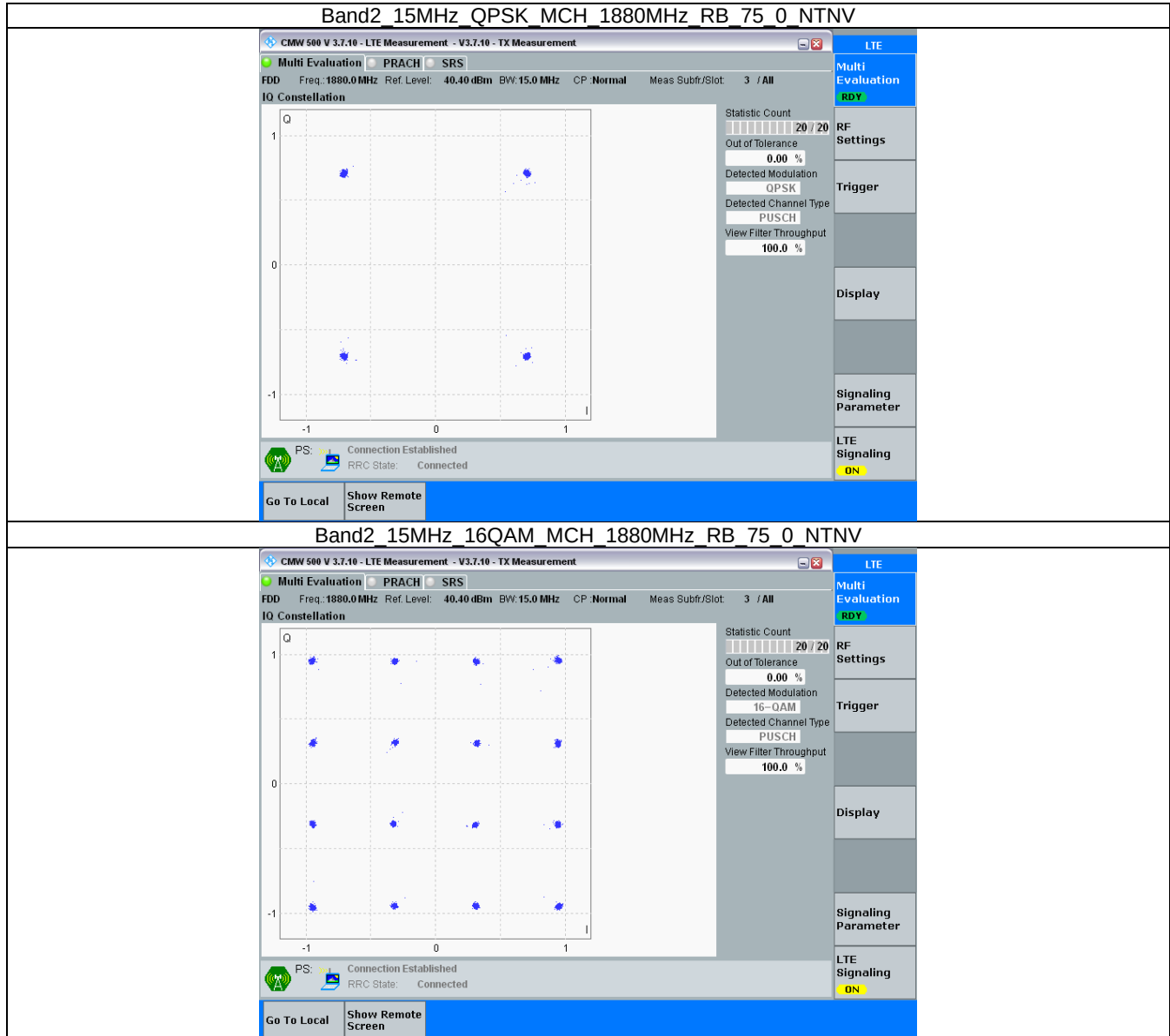
3.2.3 B2_5MHz



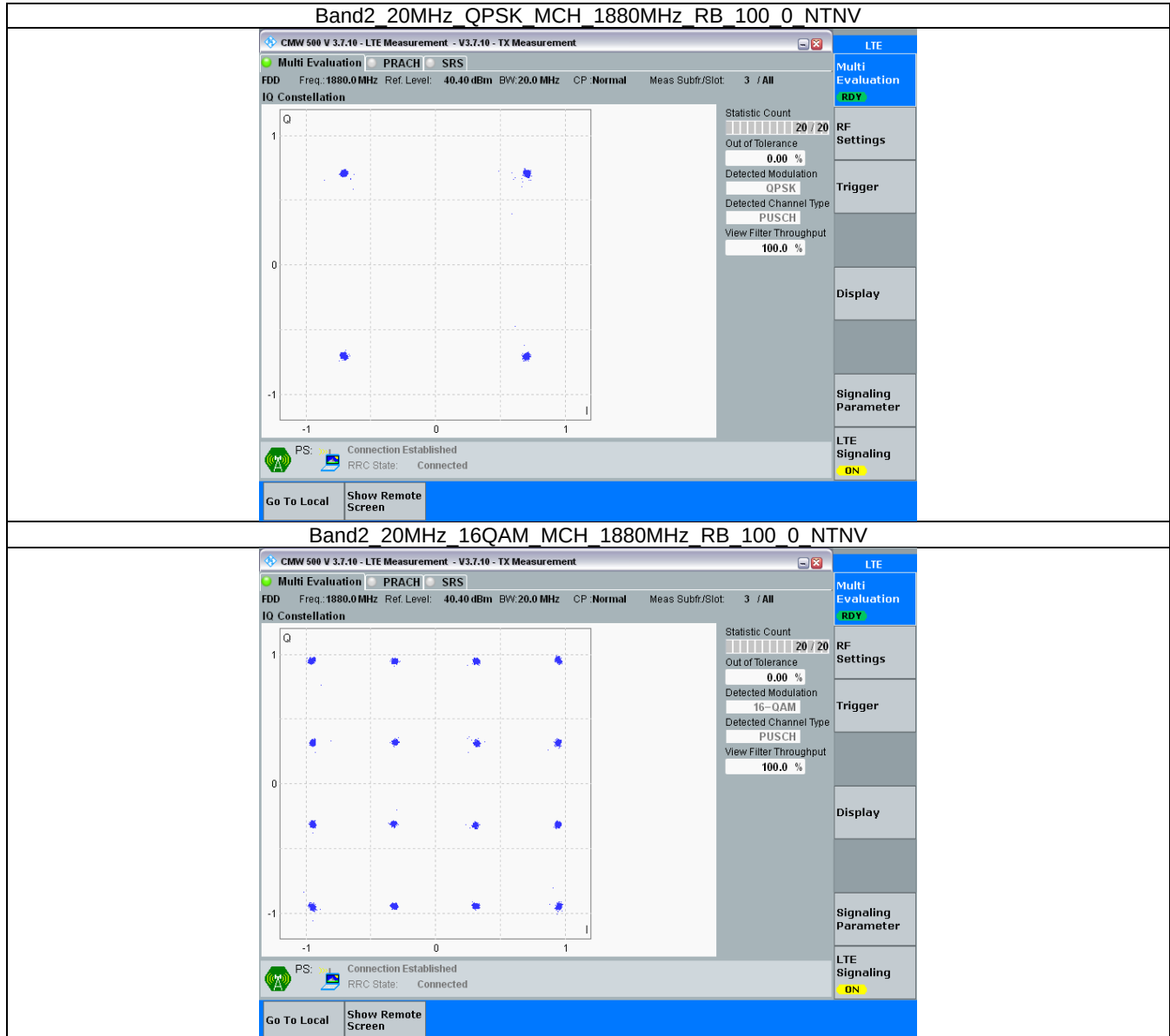
3.2.4 B2_10MHz



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	1.091	/	Pass
		1880	6	0	1.083	/	Pass
		1909.3	6	0	1.087	/	Pass
	16QAM	1850.7	6	0	1.087	/	Pass
		1880	6	0	1.084	/	Pass
		1909.3	6	0	1.086	/	Pass
3	QPSK	1851.5	15	0	2.684	/	Pass
		1880	15	0	2.682	/	Pass
		1908.5	15	0	2.682	/	Pass
	16QAM	1851.5	15	0	2.682	/	Pass
		1880	15	0	2.686	/	Pass
		1908.5	15	0	2.683	/	Pass
5	QPSK	1852.5	25	0	4.505	/	Pass
		1880	25	0	4.504	/	Pass
		1907.5	25	0	4.512	/	Pass
	16QAM	1852.5	25	0	4.522	/	Pass
		1880	25	0	4.523	/	Pass
		1907.5	25	0	4.501	/	Pass
10	QPSK	1855	50	0	8.941	/	Pass
		1880	50	0	8.958	/	Pass
		1905	50	0	8.963	/	Pass
	16QAM	1855	50	0	8.951	/	Pass
		1880	50	0	8.949	/	Pass
		1905	50	0	8.949	/	Pass
15	QPSK	1857.5	75	0	13.449	/	Pass
		1880	75	0	13.419	/	Pass
		1902.5	75	0	13.512	/	Pass
	16QAM	1857.5	75	0	13.432	/	Pass
		1880	75	0	13.442	/	Pass
		1902.5	75	0	13.470	/	Pass
20	QPSK	1860	100	0	17.906	/	Pass
		1880	100	0	17.891	/	Pass
		1900	100	0	17.915	/	Pass
	16QAM	1860	100	0	17.886	/	Pass
		1880	100	0	17.911	/	Pass
		1900	100	0	17.983	/	Pass

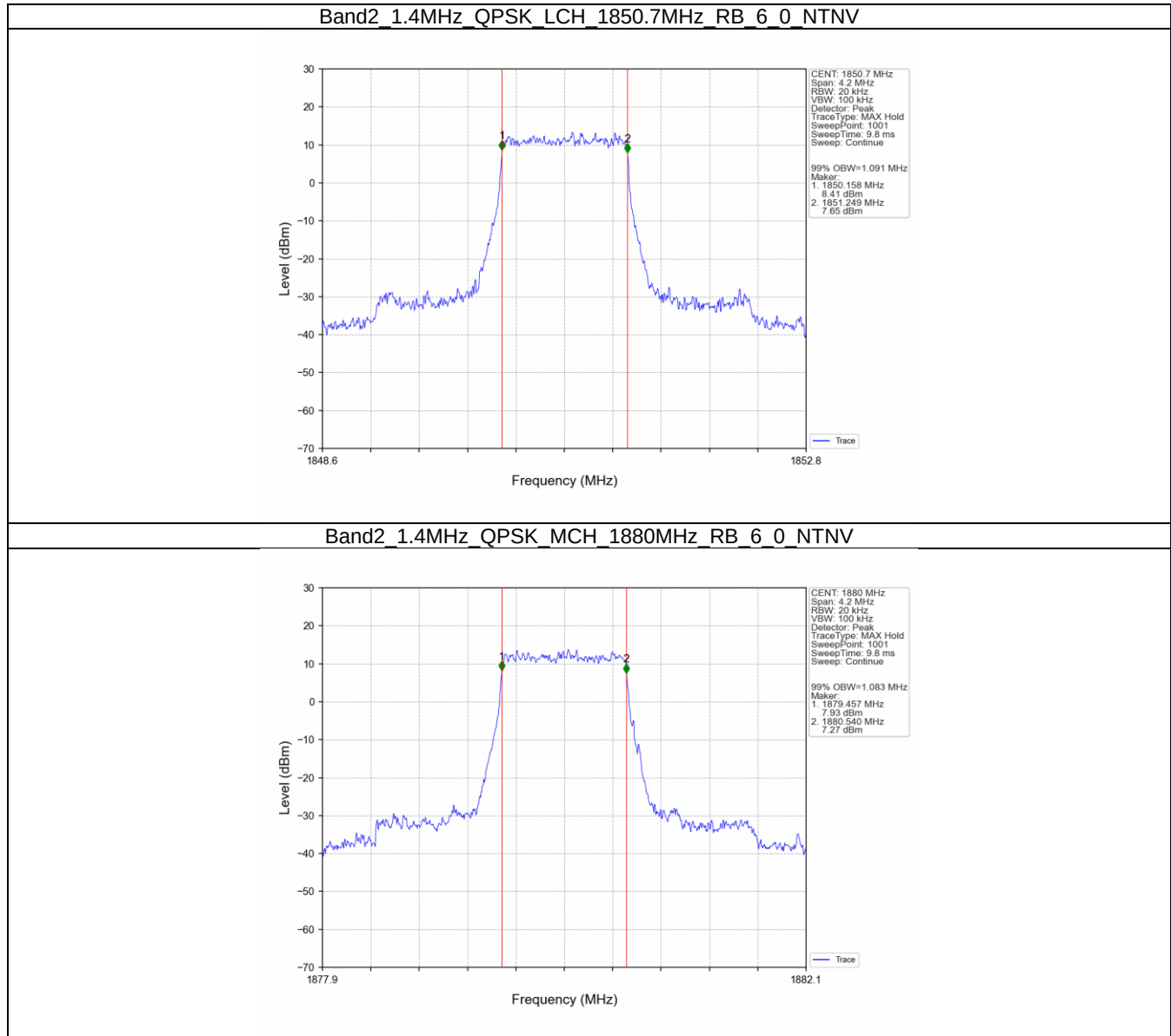
4.1.2 Band2_XDB

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	1.257	/	Pass
		1880	6	0	1.281	/	Pass
		1909.3	6	0	1.259	/	Pass
	16QAM	1850.7	6	0	1.271	/	Pass
		1880	6	0	1.238	/	Pass
		1909.3	6	0	1.280	/	Pass
3	QPSK	1851.5	15	0	2.892	/	Pass

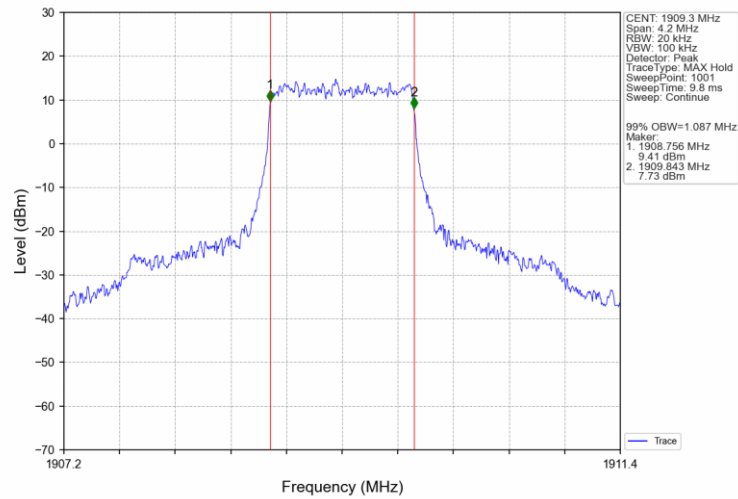
	16QAM	1880	15	0	2.886	/	Pass
		1908.5	15	0	2.881	/	Pass
		1851.5	15	0	2.879	/	Pass
		1880	15	0	2.887	/	Pass
		1908.5	15	0	2.885	/	Pass
5	QPSK	1852.5	25	0	4.956	/	Pass
		1880	25	0	4.982	/	Pass
		1907.5	25	0	4.999	/	Pass
	16QAM	1852.5	25	0	4.959	/	Pass
		1880	25	0	4.980	/	Pass
		1907.5	25	0	4.966	/	Pass
10	QPSK	1855	50	0	9.597	/	Pass
		1880	50	0	9.568	/	Pass
		1905	50	0	9.630	/	Pass
	16QAM	1855	50	0	9.545	/	Pass
		1880	50	0	9.586	/	Pass
		1905	50	0	9.635	/	Pass
15	QPSK	1857.5	75	0	14.435	/	Pass
		1880	75	0	14.422	/	Pass
		1902.5	75	0	14.626	/	Pass
	16QAM	1857.5	75	0	14.414	/	Pass
		1880	75	0	14.459	/	Pass
		1902.5	75	0	14.585	/	Pass
20	QPSK	1860	100	0	19.036	/	Pass
		1880	100	0	19.096	/	Pass
		1900	100	0	18.926	/	Pass
	16QAM	1860	100	0	19.025	/	Pass
		1880	100	0	19.088	/	Pass
		1900	100	0	19.051	/	Pass

4.2 Test Graph

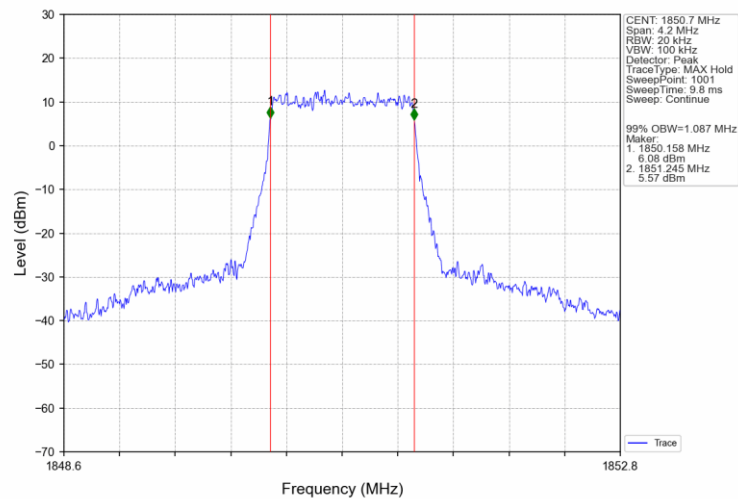
4.2.1 Band2_OBW



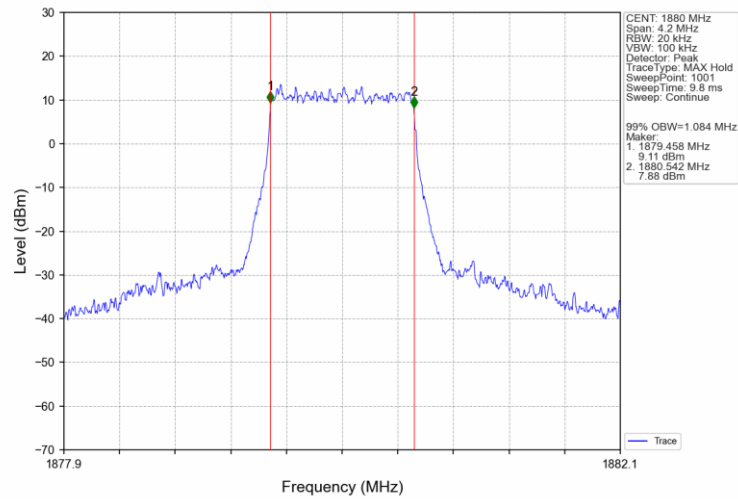
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



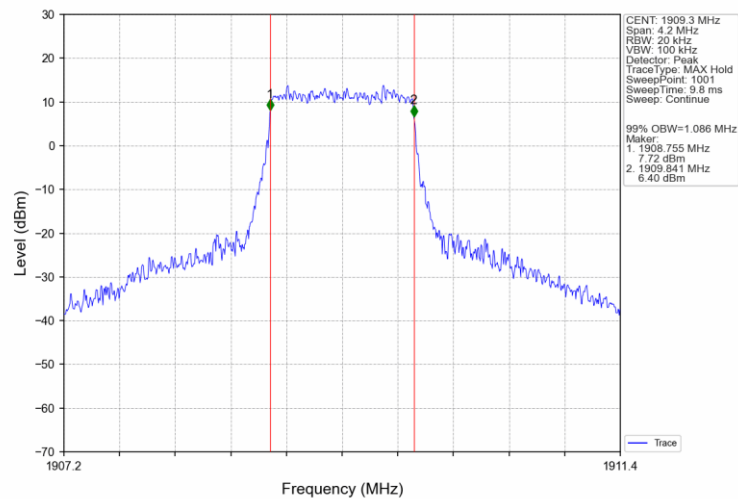
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



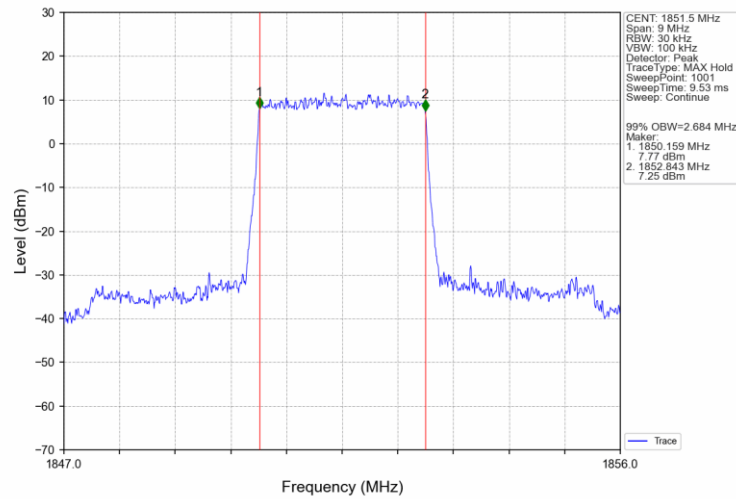
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



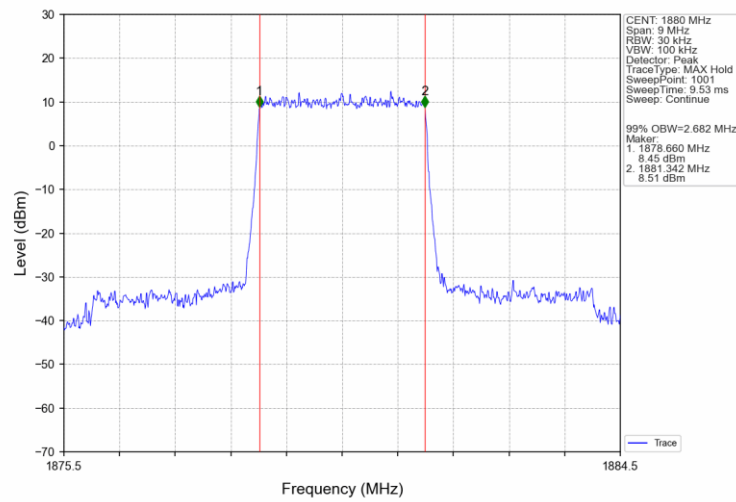
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



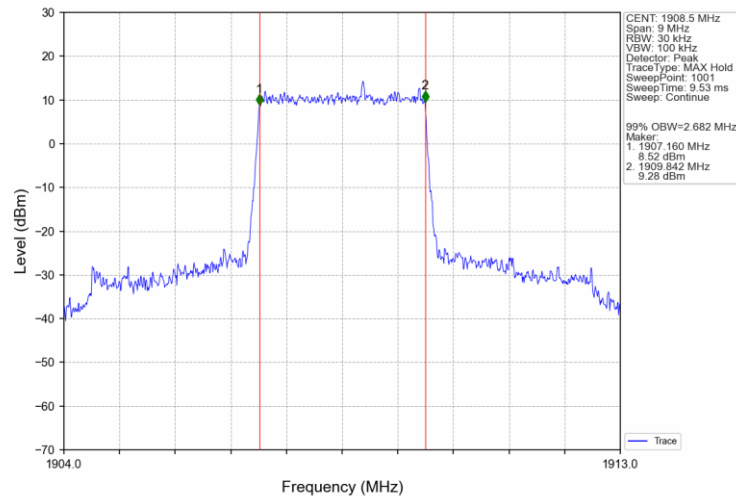
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



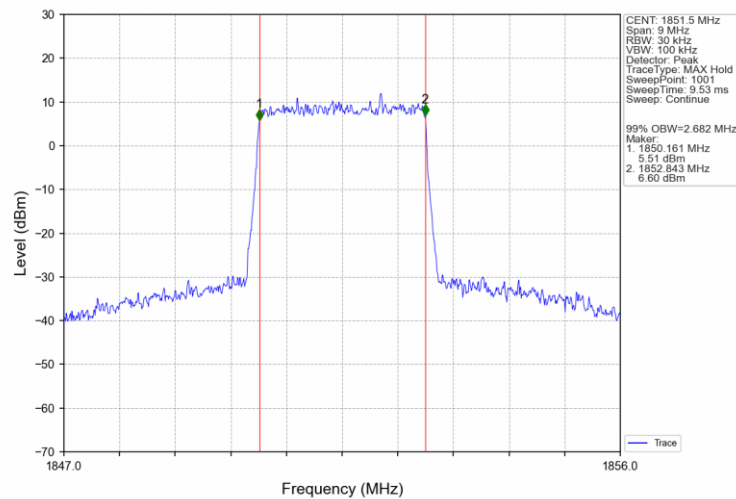
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



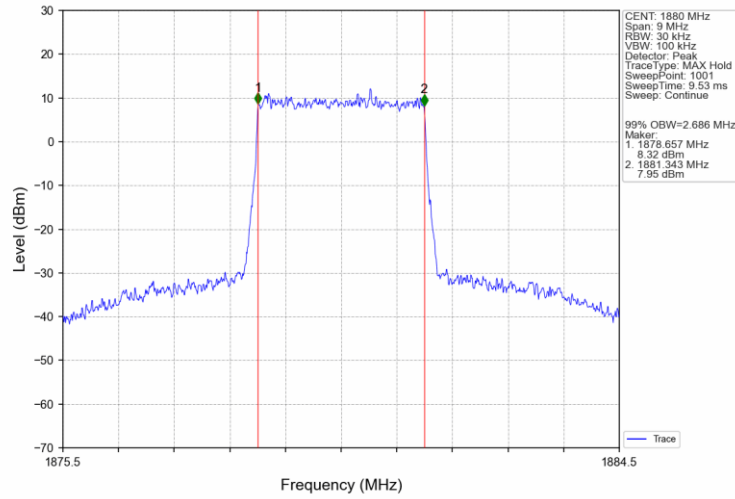
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



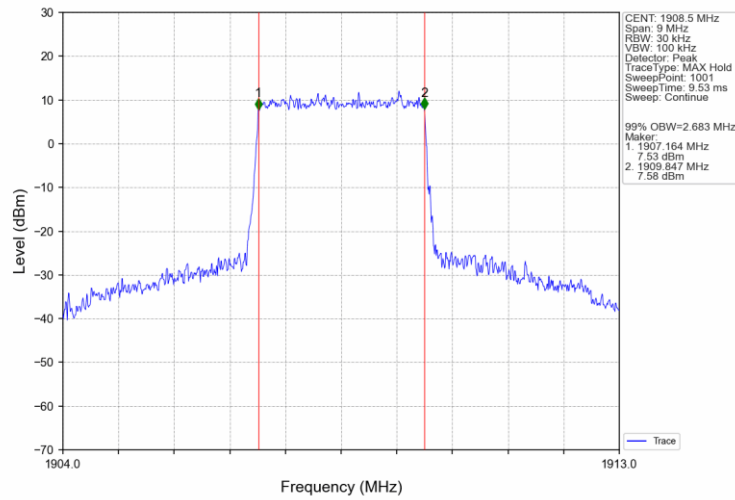
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



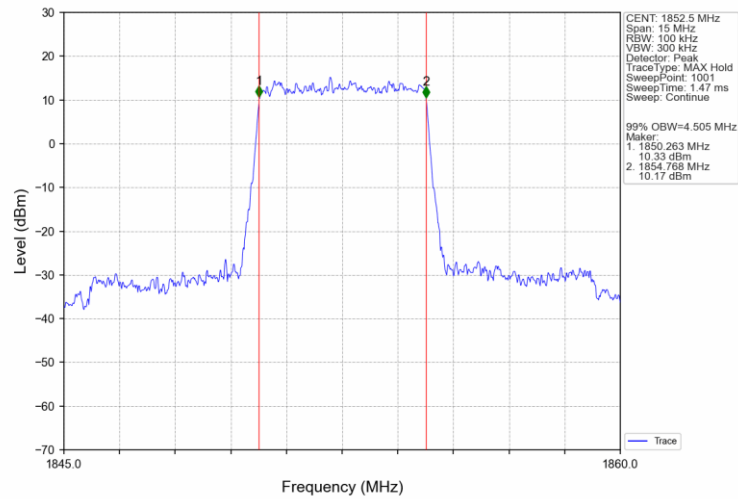
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



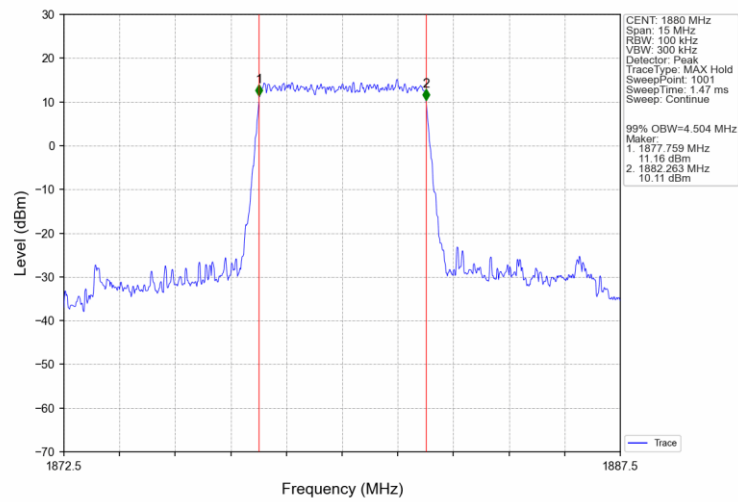
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



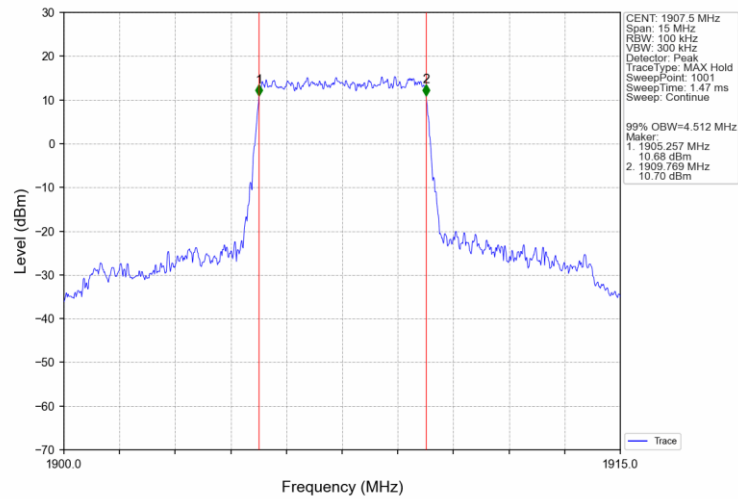
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



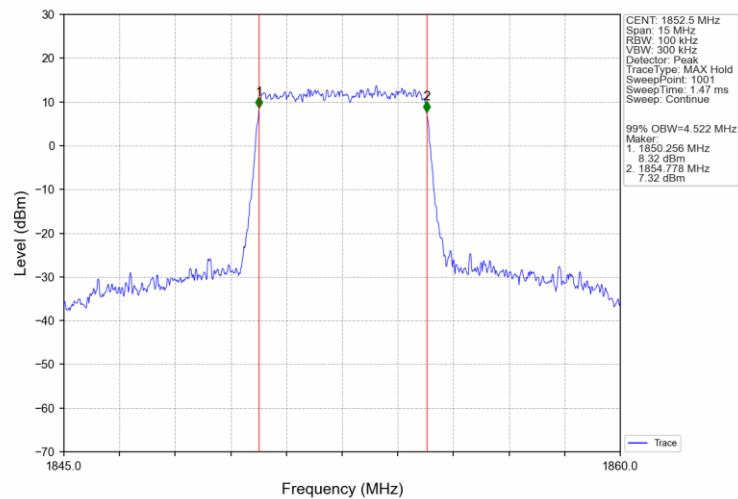
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



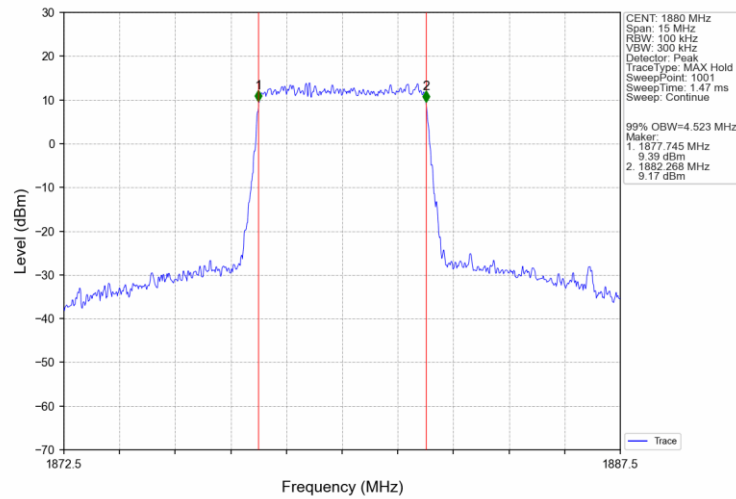
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



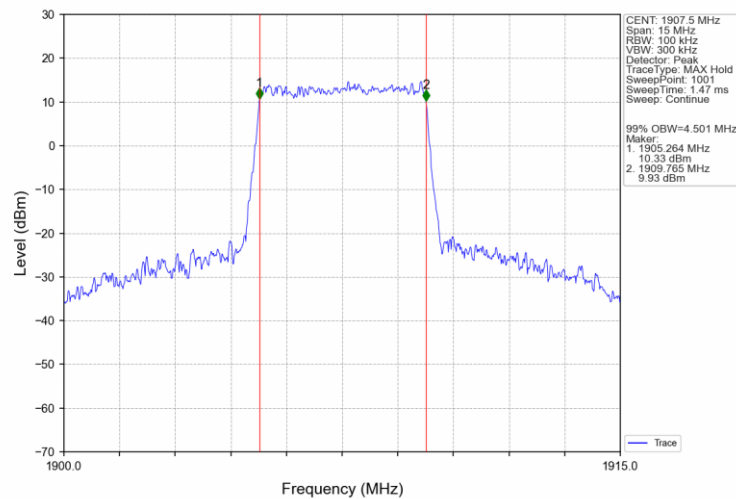
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



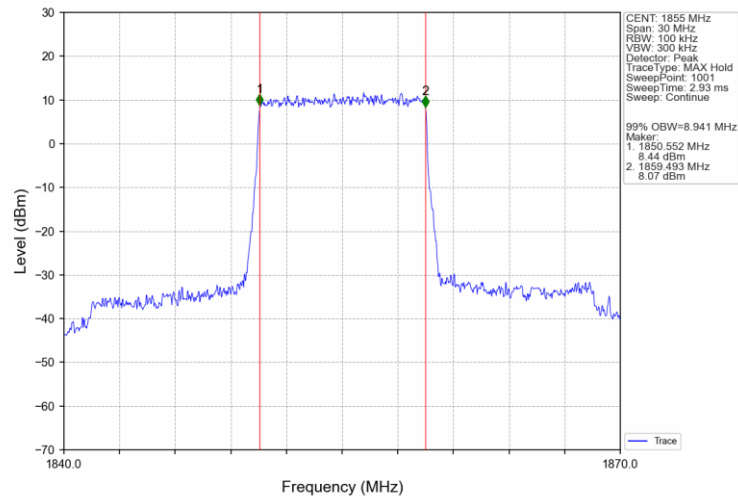
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



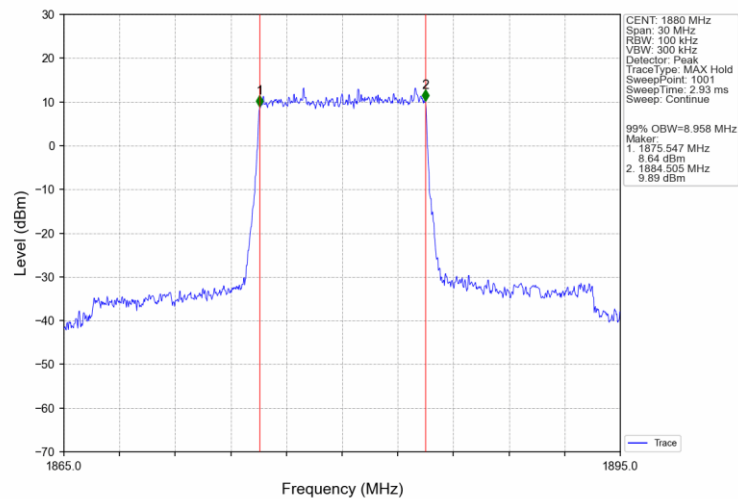
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



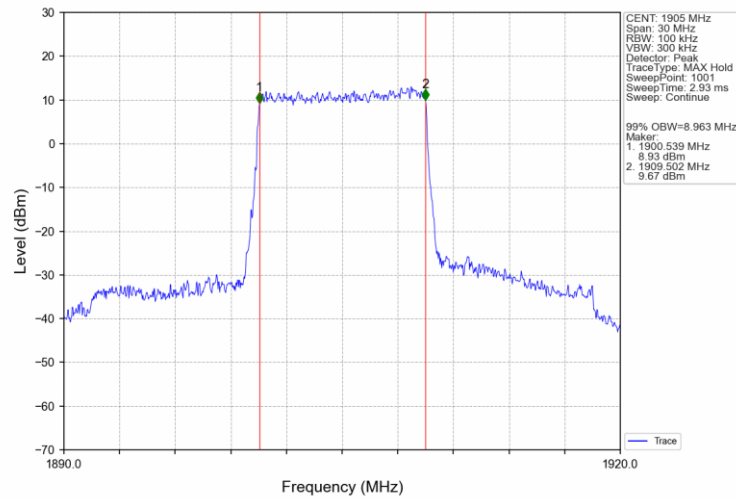
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



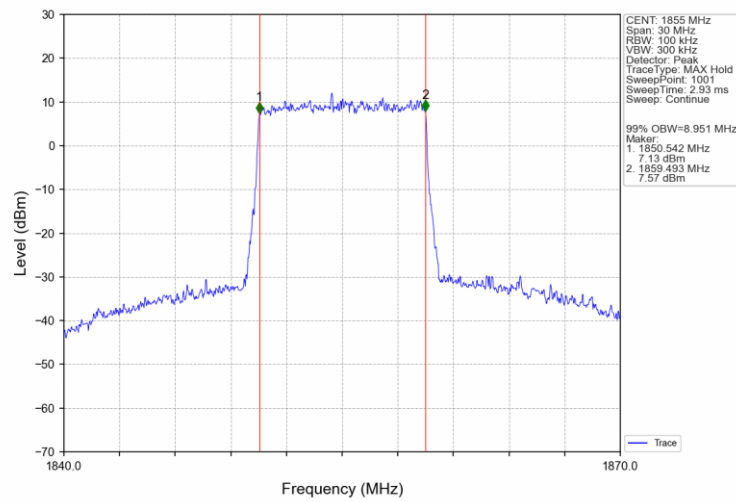
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



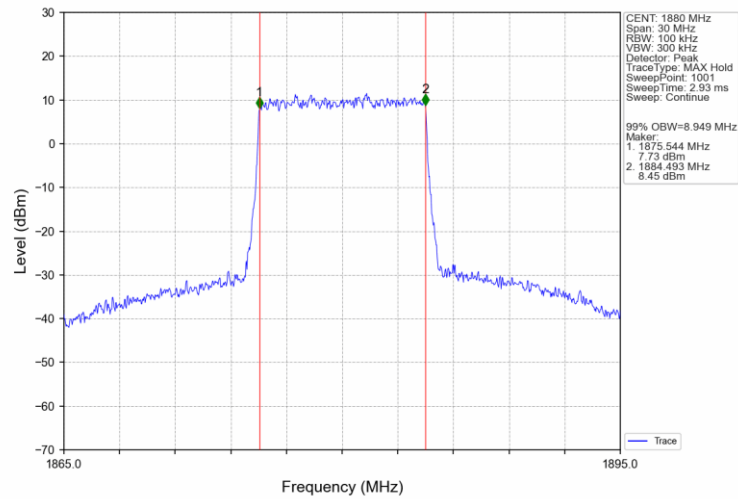
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



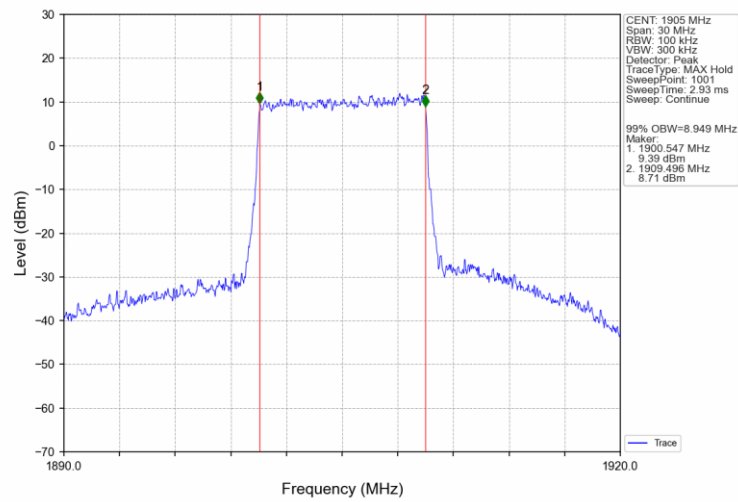
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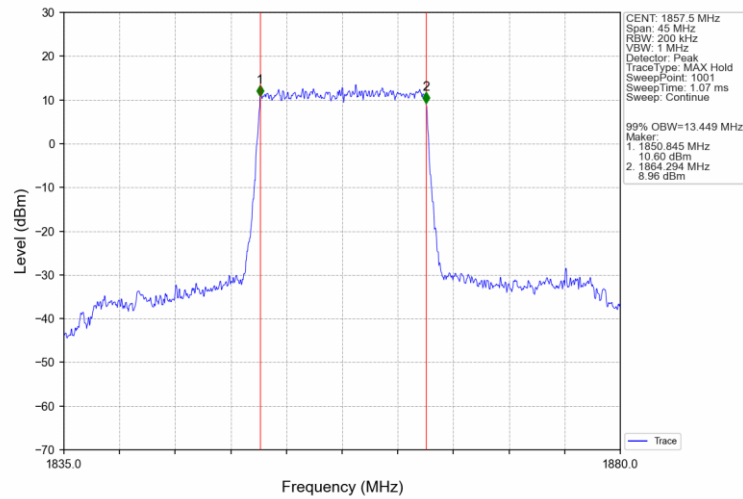
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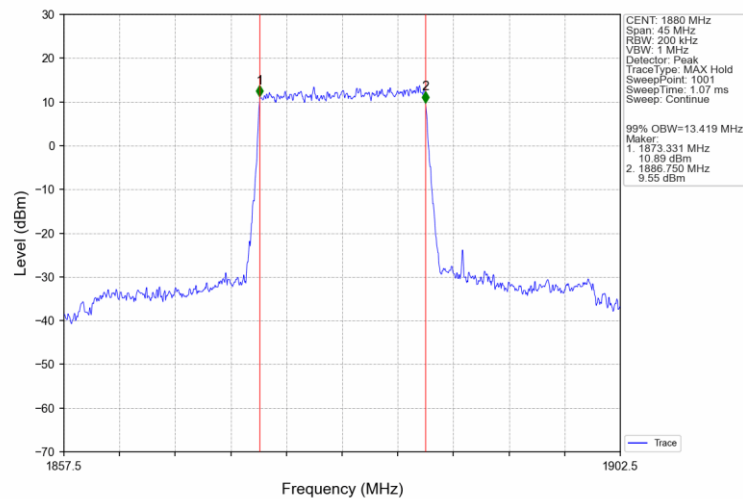
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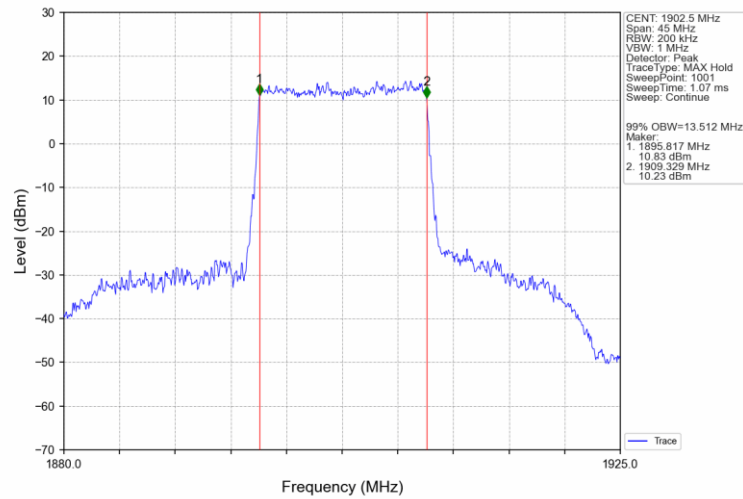
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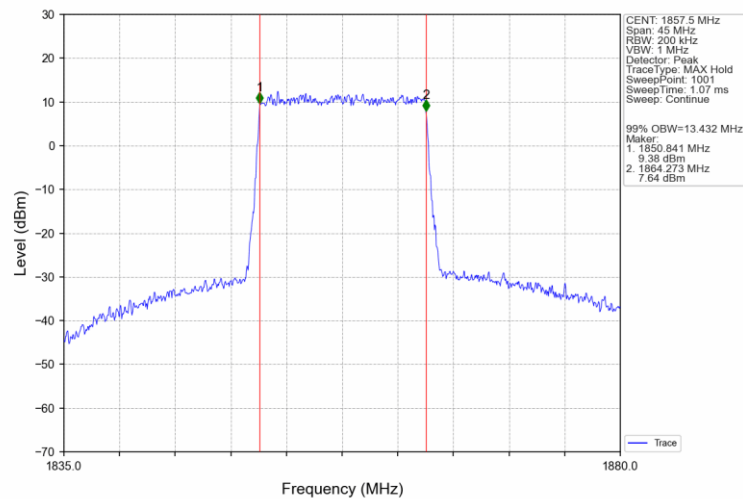
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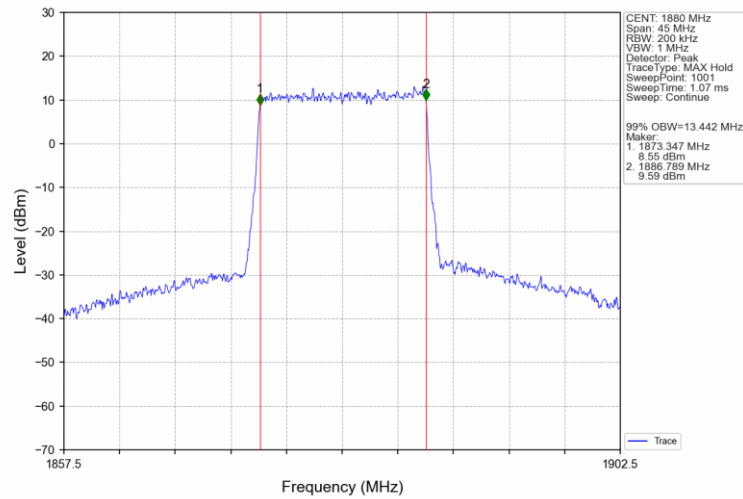
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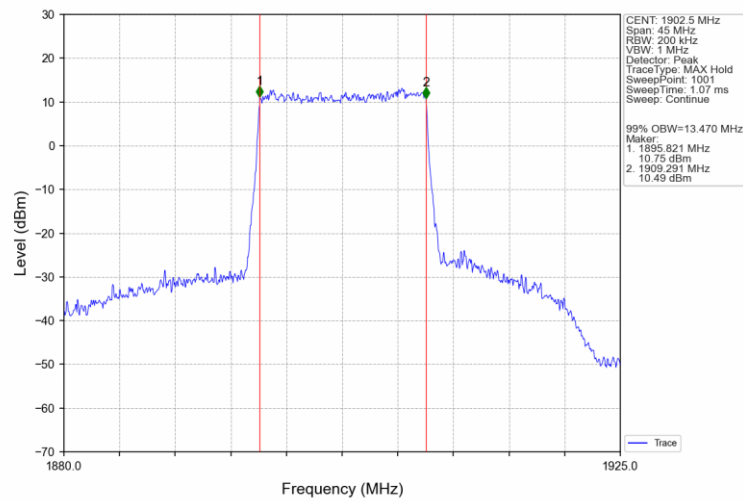
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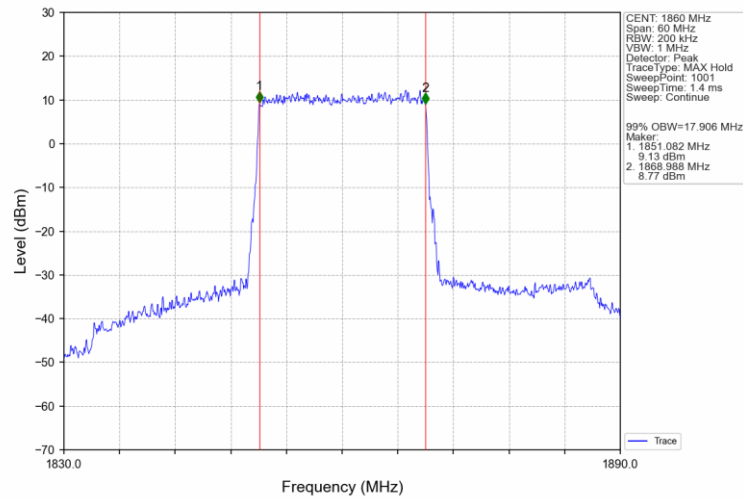
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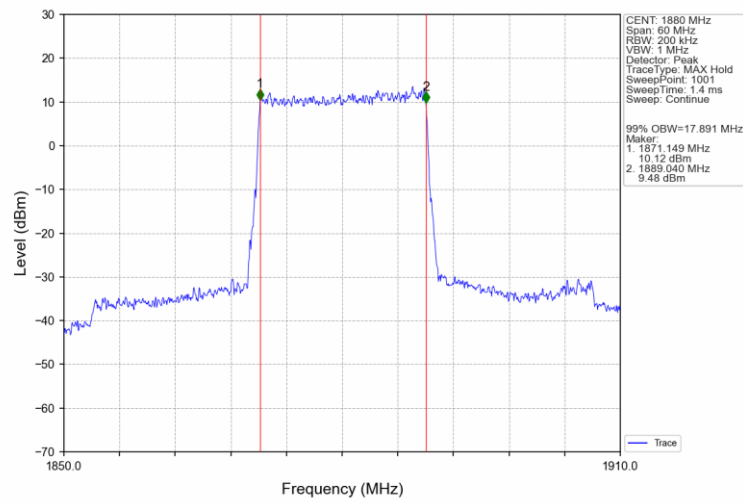
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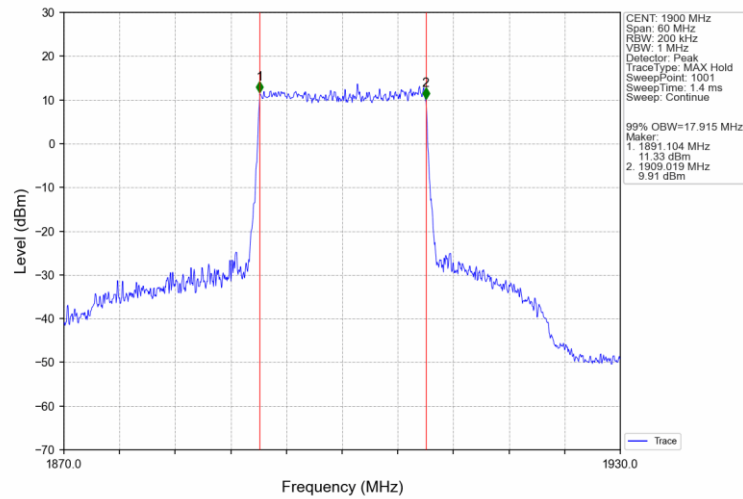
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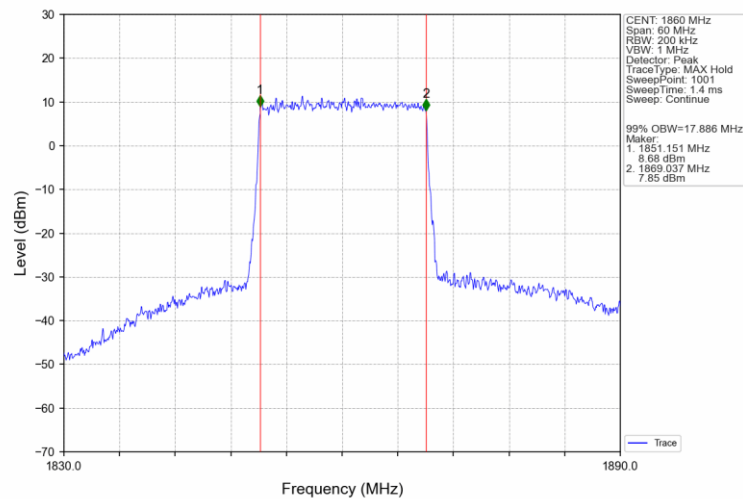
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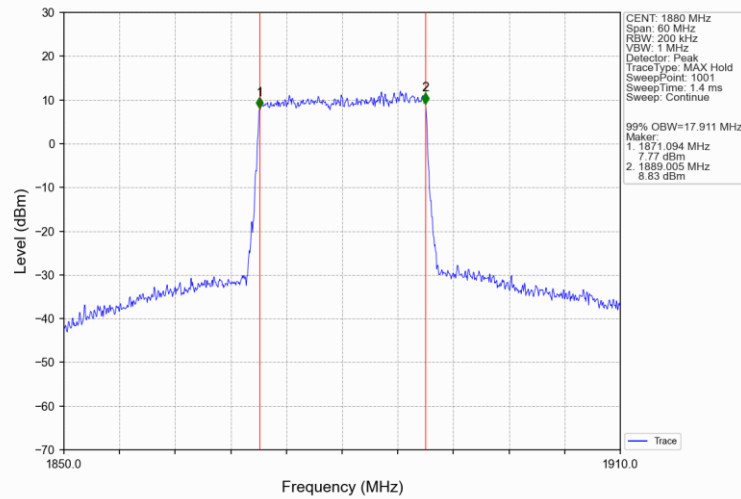
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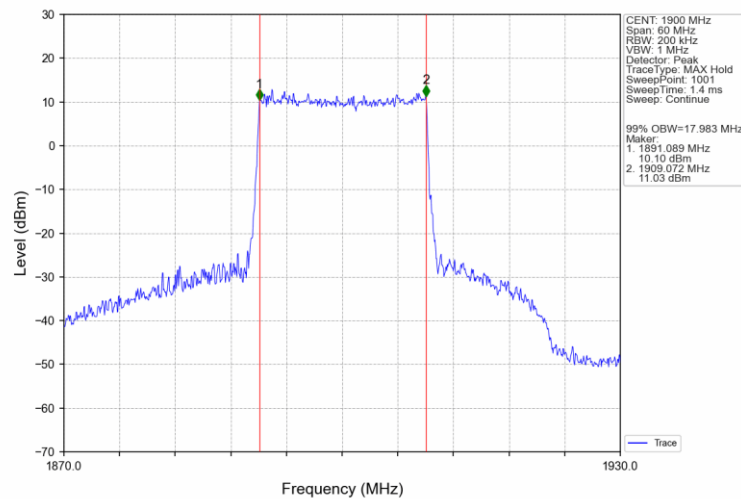
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Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

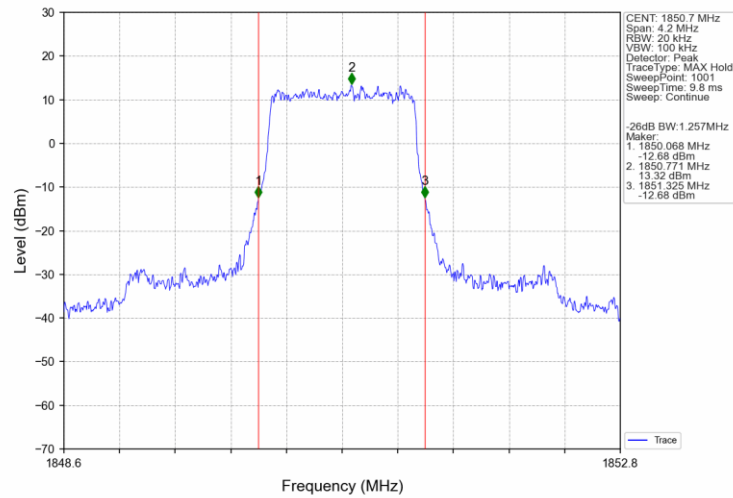


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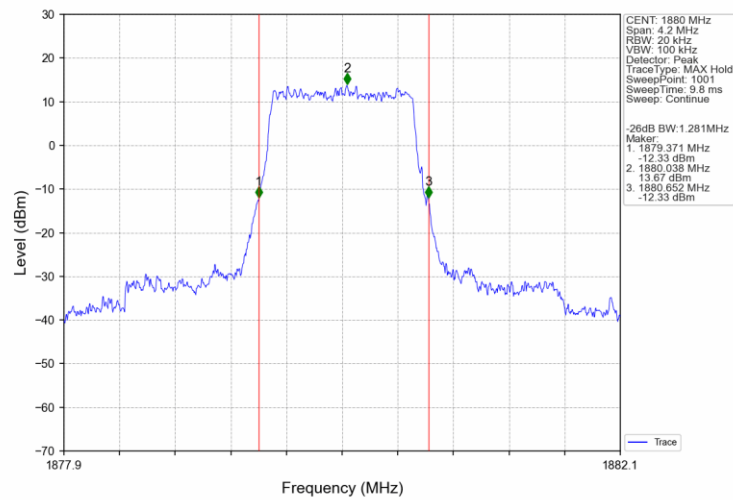


4.2.2 Band2_XDB

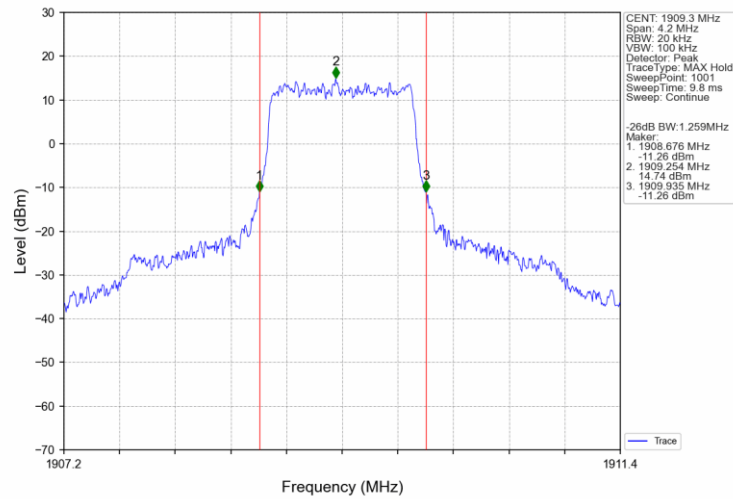
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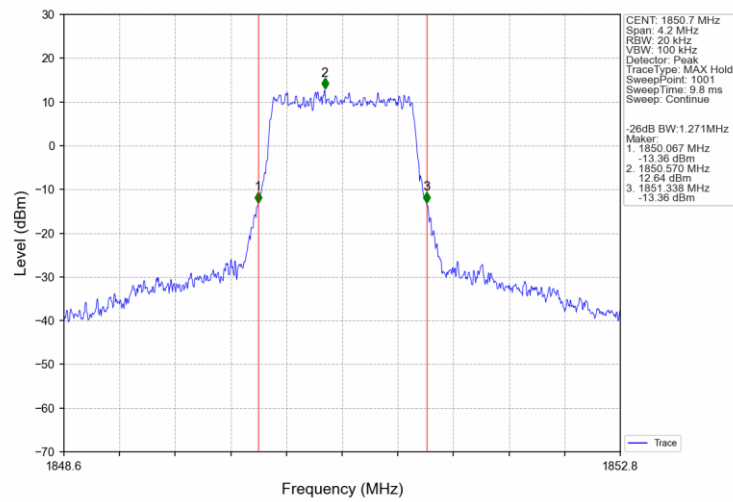
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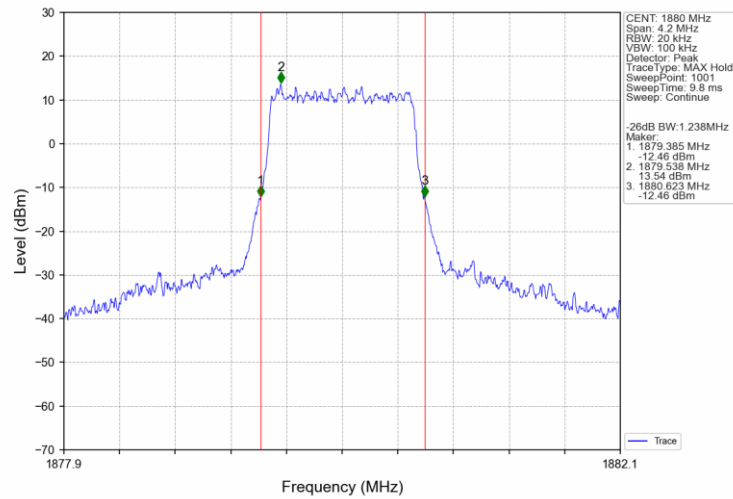
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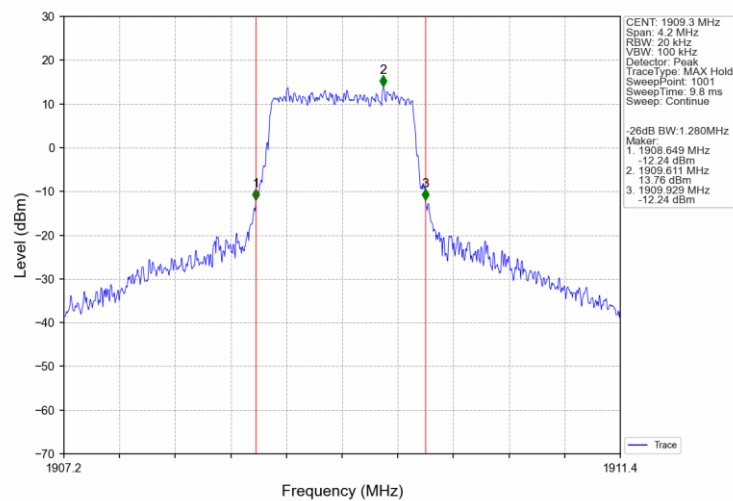
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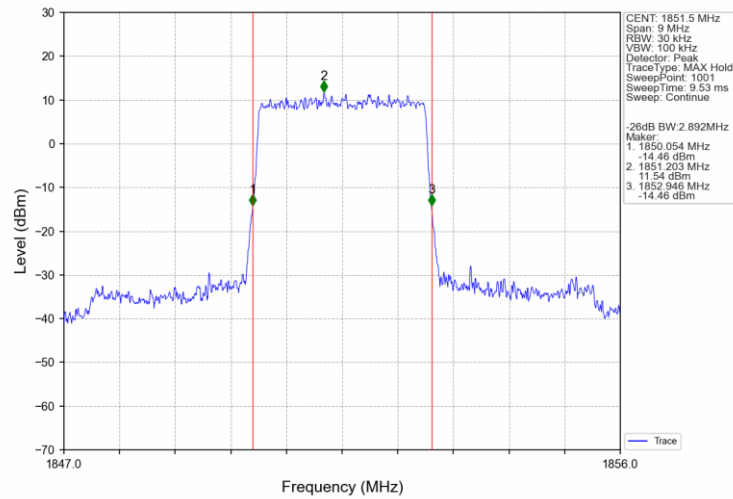
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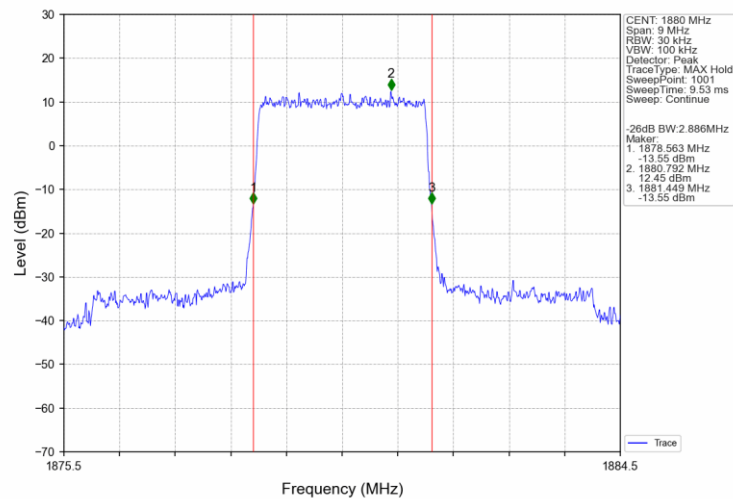
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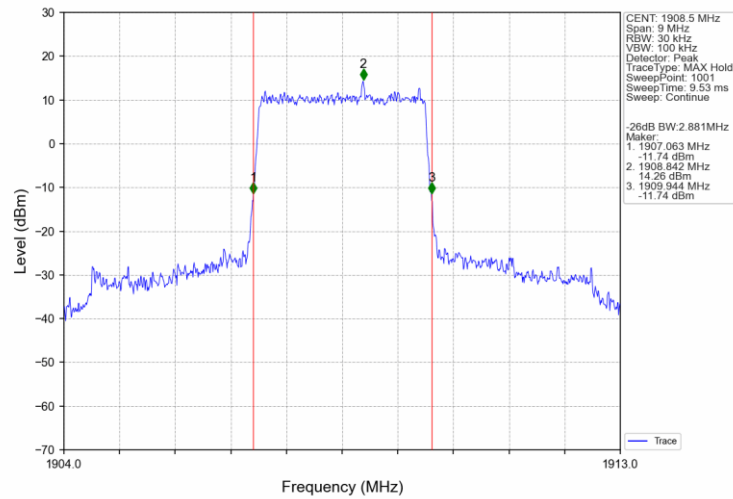
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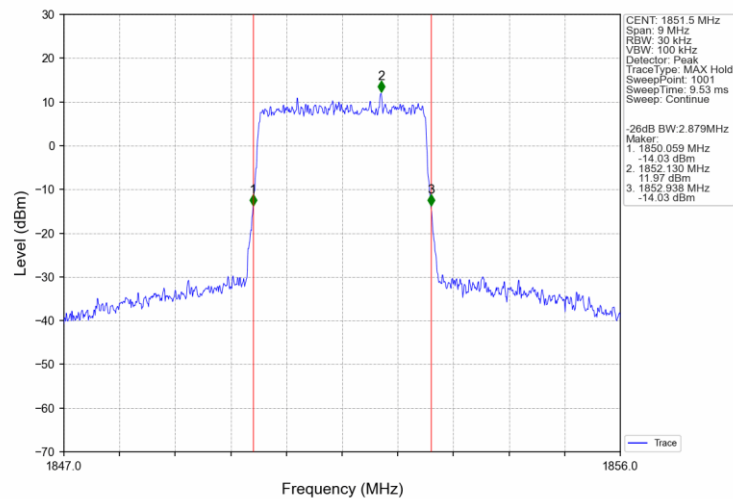
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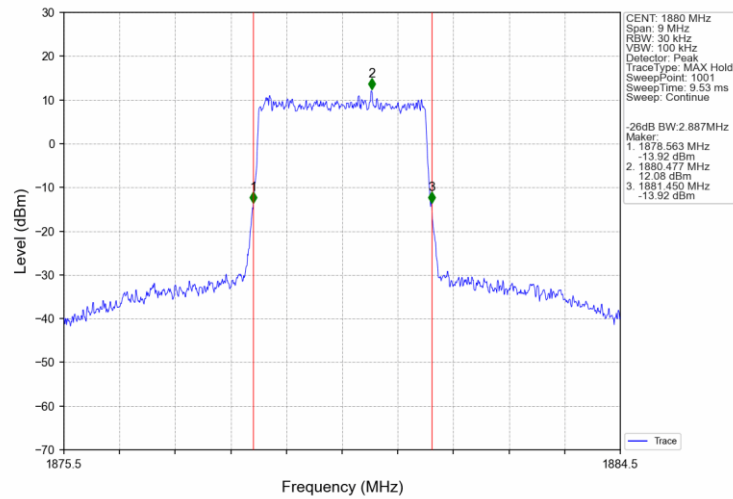
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

