

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	24.17	0.22	24.39	<=33.01	Pass
			2	24.28	0.22	24.50	<=33.01	Pass
			5	24.18	0.22	24.40	<=33.01	Pass
		3	0	24.27	0.22	24.49	<=33.01	Pass
			2	24.32	0.22	24.54	<=33.01	Pass
			3	24.33	0.22	24.55	<=33.01	Pass
		6	0	23.30	0.22	23.52	<=33.01	Pass
	1880	1	0	23.89	0.22	24.11	<=33.01	Pass
			2	24.01	0.22	24.23	<=33.01	Pass
			5	23.89	0.22	24.11	<=33.01	Pass
		3	0	24.05	0.22	24.27	<=33.01	Pass
			2	24.08	0.22	24.30	<=33.01	Pass
			3	24.06	0.22	24.28	<=33.01	Pass
		6	0	23.02	0.22	23.24	<=33.01	Pass
	1909.3	1	0	23.97	0.22	24.19	<=33.01	Pass
			2	24.21	0.22	24.43	<=33.01	Pass
			5	23.71	0.22	23.93	<=33.01	Pass
		3	0	23.74	0.22	23.96	<=33.01	Pass
			2	23.71	0.22	23.93	<=33.01	Pass
			3	23.72	0.22	23.94	<=33.01	Pass
		6	0	22.62	0.22	22.84	<=33.01	Pass
16QAM	1850.7	1	0	23.36	0.22	23.58	<=33.01	Pass
			2	23.47	0.22	23.69	<=33.01	Pass
			5	23.34	0.22	23.56	<=33.01	Pass
		3	0	23.17	0.22	23.39	<=33.01	Pass
			2	23.12	0.22	23.34	<=33.01	Pass
			3	22.90	0.22	23.12	<=33.01	Pass
		6	0	22.09	0.22	22.31	<=33.01	Pass
	1880	1	0	22.97	0.22	23.19	<=33.01	Pass
			2	23.08	0.22	23.30	<=33.01	Pass
			5	22.98	0.22	23.20	<=33.01	Pass
		3	0	23.28	0.22	23.50	<=33.01	Pass
			2	23.31	0.22	23.53	<=33.01	Pass
			3	23.28	0.22	23.50	<=33.01	Pass
		6	0	22.04	0.22	22.26	<=33.01	Pass
	1909.3	1	0	22.62	0.22	22.84	<=33.01	Pass
			2	22.73	0.22	22.95	<=33.01	Pass
			5	22.68	0.22	22.90	<=33.01	Pass
		3	0	22.78	0.22	23.00	<=33.01	Pass
			2	22.80	0.22	23.02	<=33.01	Pass
			3	22.73	0.22	22.95	<=33.01	Pass
		6	0	21.58	0.22	21.80	<=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	23.81	0.22	24.03	<=33.01	Pass
			7	23.91	0.22	24.13	<=33.01	Pass
			14	23.76	0.22	23.98	<=33.01	Pass
		8	0	22.77	0.22	22.99	<=33.01	Pass
			4	22.82	0.22	23.04	<=33.01	Pass
			7	22.78	0.22	23.00	<=33.01	Pass
		15	0	22.78	0.22	23.00	<=33.01	Pass
	1880	1	0	23.57	0.22	23.79	<=33.01	Pass
			7	23.70	0.22	23.92	<=33.01	Pass
			14	23.58	0.22	23.80	<=33.01	Pass
		8	0	22.54	0.22	22.76	<=33.01	Pass
			4	22.59	0.22	22.81	<=33.01	Pass
			7	22.57	0.22	22.79	<=33.01	Pass
		15	0	22.57	0.22	22.79	<=33.01	Pass
	1908.5	1	0	23.65	0.22	23.87	<=33.01	Pass
			7	23.80	0.22	24.02	<=33.01	Pass
			14	23.65	0.22	23.87	<=33.01	Pass
		8	0	22.67	0.22	22.89	<=33.01	Pass
			4	22.69	0.22	22.91	<=33.01	Pass
			7	22.64	0.22	22.86	<=33.01	Pass
		15	0	22.68	0.22	22.90	<=33.01	Pass
16QAM	1851.5	1	0	23.33	0.22	23.55	<=33.01	Pass
			7	23.45	0.22	23.67	<=33.01	Pass
			14	23.28	0.22	23.50	<=33.01	Pass
		8	0	21.92	0.22	22.14	<=33.01	Pass
			4	22.00	0.22	22.22	<=33.01	Pass
			7	21.95	0.22	22.17	<=33.01	Pass
		15	0	21.85	0.22	22.07	<=33.01	Pass
	1880	1	0	22.65	0.22	22.87	<=33.01	Pass
			7	22.73	0.22	22.95	<=33.01	Pass
			14	22.58	0.22	22.80	<=33.01	Pass
		8	0	21.63	0.22	21.85	<=33.01	Pass
			4	21.66	0.22	21.88	<=33.01	Pass
			7	21.61	0.22	21.83	<=33.01	Pass
		15	0	21.66	0.22	21.88	<=33.01	Pass
	1908.5	1	0	22.83	0.22	23.05	<=33.01	Pass
			7	23.01	0.22	23.23	<=33.01	Pass
			14	22.85	0.22	23.07	<=33.01	Pass
		8	0	21.68	0.22	21.90	<=33.01	Pass
4			21.69	0.22	21.91	<=33.01	Pass	
7			21.65	0.22	21.87	<=33.01	Pass	
15		0	21.67	0.22	21.89	<=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	23.73	0.22	23.95	<=33.01	Pass
			13	23.82	0.22	24.04	<=33.01	Pass
			24	23.72	0.22	23.94	<=33.01	Pass

		12	0	22.70	0.22	22.92	<=33.01	Pass		
			6	22.82	0.22	23.04	<=33.01	Pass		
			13	22.79	0.22	23.01	<=33.01	Pass		
		25	0	22.76	0.22	22.98	<=33.01	Pass		
			13	23.59	0.22	23.81	<=33.01	Pass		
			24	23.50	0.22	23.72	<=33.01	Pass		
		12	0	22.56	0.22	22.78	<=33.01	Pass		
			6	22.59	0.22	22.81	<=33.01	Pass		
			13	22.56	0.22	22.78	<=33.01	Pass		
		25	0	22.57	0.22	22.79	<=33.01	Pass		
			13	23.69	0.22	23.91	<=33.01	Pass		
			24	23.62	0.22	23.84	<=33.01	Pass		
	12	0	22.64	0.22	22.86	<=33.01	Pass			
		6	22.75	0.22	22.97	<=33.01	Pass			
		13	22.67	0.22	22.89	<=33.01	Pass			
	25	0	22.73	0.22	22.95	<=33.01	Pass			
		16QAM	1852.5	1	0	22.61	0.22	22.83	<=33.01	Pass
					13	22.64	0.22	22.86	<=33.01	Pass
	24				22.55	0.22	22.77	<=33.01	Pass	
	12			0	21.72	0.22	21.94	<=33.01	Pass	
				6	21.80	0.22	22.02	<=33.01	Pass	
				13	21.84	0.22	22.06	<=33.01	Pass	
	25			0	21.83	0.22	22.05	<=33.01	Pass	
				13	22.70	0.22	22.92	<=33.01	Pass	
24				22.61	0.22	22.83	<=33.01	Pass		
12	0		21.58	0.22	21.80	<=33.01	Pass			
	6		21.60	0.22	21.82	<=33.01	Pass			
	13		21.56	0.22	21.78	<=33.01	Pass			
25	0		21.61	0.22	21.83	<=33.01	Pass			
	13		23.04	0.22	23.26	<=33.01	Pass			
	24		22.92	0.22	23.14	<=33.01	Pass			
12	0		21.72	0.22	21.94	<=33.01	Pass			
	6		21.81	0.22	22.03	<=33.01	Pass			
	13		21.67	0.22	21.89	<=33.01	Pass			
25	0		21.72	0.22	21.94	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.83	0.22	24.05	<=33.01	Pass
			25	23.98	0.22	24.20	<=33.01	Pass
			49	23.77	0.22	23.99	<=33.01	Pass
		25	0	22.74	0.22	22.96	<=33.01	Pass
			13	22.81	0.22	23.03	<=33.01	Pass
			25	22.85	0.22	23.07	<=33.01	Pass
	1880	50	0	22.80	0.22	23.02	<=33.01	Pass
			0	23.57	0.22	23.79	<=33.01	Pass
			25	23.72	0.22	23.94	<=33.01	Pass
		1	49	23.56	0.22	23.78	<=33.01	Pass
			0	22.61	0.22	22.83	<=33.01	Pass
			13	22.61	0.22	22.83	<=33.01	Pass



			25	22.64	0.22	22.86	<=33.01	Pass	
		50	0	22.65	0.22	22.87	<=33.01	Pass	
		1905	1	0	23.57	0.22	23.79	<=33.01	Pass
				25	23.84	0.22	24.06	<=33.01	Pass
				49	23.66	0.22	23.88	<=33.01	Pass
			25	0	22.74	0.22	22.96	<=33.01	Pass
				13	22.76	0.22	22.98	<=33.01	Pass
				25	22.74	0.22	22.96	<=33.01	Pass
		50	0	22.76	0.22	22.98	<=33.01	Pass	
16QAM	1855	1	0	22.81	0.22	23.03	<=33.01	Pass	
			25	22.95	0.22	23.17	<=33.01	Pass	
			49	22.72	0.22	22.94	<=33.01	Pass	
		25	0	21.87	0.22	22.09	<=33.01	Pass	
			13	21.90	0.22	22.12	<=33.01	Pass	
			25	21.92	0.22	22.14	<=33.01	Pass	
		50	0	21.84	0.22	22.06	<=33.01	Pass	
		1880	1	0	22.75	0.22	22.97	<=33.01	Pass
				25	22.90	0.22	23.12	<=33.01	Pass
	49			22.74	0.22	22.96	<=33.01	Pass	
	25		0	21.69	0.22	21.91	<=33.01	Pass	
			13	21.69	0.22	21.91	<=33.01	Pass	
			25	21.69	0.22	21.91	<=33.01	Pass	
	50	0	21.68	0.22	21.90	<=33.01	Pass		
	1905	1	0	23.12	0.22	23.34	<=33.01	Pass	
			25	23.39	0.22	23.61	<=33.01	Pass	
			49	23.26	0.22	23.48	<=33.01	Pass	
		25	0	21.84	0.22	22.06	<=33.01	Pass	
13			21.83	0.22	22.05	<=33.01	Pass		
25			21.85	0.22	22.07	<=33.01	Pass		
50	0	21.77	0.22	21.99	<=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	23.67	0.22	23.89	<=33.01	Pass	
			38	23.76	0.22	23.98	<=33.01	Pass	
			74	23.57	0.22	23.79	<=33.01	Pass	
		36	0	22.80	0.22	23.02	<=33.01	Pass	
			18	22.84	0.22	23.06	<=33.01	Pass	
			39	22.83	0.22	23.05	<=33.01	Pass	
		75	0	22.78	0.22	23.00	<=33.01	Pass	
		1880	1	0	23.49	0.22	23.71	<=33.01	Pass
				38	23.57	0.22	23.79	<=33.01	Pass
	74			23.43	0.22	23.65	<=33.01	Pass	
	36		0	22.63	0.22	22.85	<=33.01	Pass	
			18	22.63	0.22	22.85	<=33.01	Pass	
			39	22.62	0.22	22.84	<=33.01	Pass	
	75	0	22.64	0.22	22.86	<=33.01	Pass		
	1902.5	1	0	23.48	0.22	23.70	<=33.01	Pass	
			38	23.66	0.22	23.88	<=33.01	Pass	
			74	23.55	0.22	23.77	<=33.01	Pass	
		36	0	22.71	0.22	22.93	<=33.01	Pass	
			18	22.69	0.22	22.91	<=33.01	Pass	
			39	22.69	0.22	22.91	<=33.01	Pass	
		75	0	22.69	0.22	22.91	<=33.01	Pass	

16QAM	1857.5	1	0	23.20	0.22	23.42	<=33.01	Pass
			38	23.25	0.22	23.47	<=33.01	Pass
			74	23.09	0.22	23.31	<=33.01	Pass
		36	0	21.80	0.22	22.02	<=33.01	Pass
			18	21.80	0.22	22.02	<=33.01	Pass
			39	21.78	0.22	22.00	<=33.01	Pass
		75	0	21.81	0.22	22.03	<=33.01	Pass
	1880	1	0	22.86	0.22	23.08	<=33.01	Pass
			38	22.95	0.22	23.17	<=33.01	Pass
			74	22.81	0.22	23.03	<=33.01	Pass
		36	0	21.60	0.22	21.82	<=33.01	Pass
			18	21.60	0.22	21.82	<=33.01	Pass
			39	21.59	0.22	21.81	<=33.01	Pass
		75	0	21.62	0.22	21.84	<=33.01	Pass
	1902.5	1	0	22.62	0.22	22.84	<=33.01	Pass
			38	22.84	0.22	23.06	<=33.01	Pass
			74	22.75	0.22	22.97	<=33.01	Pass
		36	0	21.72	0.22	21.94	<=33.01	Pass
			18	21.70	0.22	21.92	<=33.01	Pass
			39	21.66	0.22	21.88	<=33.01	Pass
		75	0	21.69	0.22	21.91	<=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	23.54	0.22	23.76	<=33.01	Pass
			50	23.89	0.22	24.11	<=33.01	Pass
			99	23.42	0.22	23.64	<=33.01	Pass
		50	0	22.66	0.22	22.88	<=33.01	Pass
			25	22.74	0.22	22.96	<=33.01	Pass
			50	22.65	0.22	22.87	<=33.01	Pass
		100	0	22.67	0.22	22.89	<=33.01	Pass
	1880	1	0	23.34	0.22	23.56	<=33.01	Pass
			50	23.69	0.22	23.91	<=33.01	Pass
			99	23.32	0.22	23.54	<=33.01	Pass
		50	0	22.62	0.22	22.84	<=33.01	Pass
			25	22.61	0.22	22.83	<=33.01	Pass
			50	22.57	0.22	22.79	<=33.01	Pass
		100	0	22.60	0.22	22.82	<=33.01	Pass
	1900	1	0	23.25	0.22	23.47	<=33.01	Pass
			50	23.74	0.22	23.96	<=33.01	Pass
			99	23.41	0.22	23.63	<=33.01	Pass
		50	0	22.67	0.22	22.89	<=33.01	Pass
			25	22.64	0.22	22.86	<=33.01	Pass
			50	22.53	0.22	22.75	<=33.01	Pass
		100	0	22.58	0.22	22.80	<=33.01	Pass
16QAM	1860	1	0	22.70	0.22	22.92	<=33.01	Pass
			50	23.04	0.22	23.26	<=33.01	Pass
			99	22.60	0.22	22.82	<=33.01	Pass
		50	0	21.67	0.22	21.89	<=33.01	Pass
			25	21.75	0.22	21.97	<=33.01	Pass
			50	21.70	0.22	21.92	<=33.01	Pass
		100	0	21.70	0.22	21.92	<=33.01	Pass
	1880	1	0	22.62	0.22	22.84	<=33.01	Pass
			50	23.00	0.22	23.22	<=33.01	Pass

		50	99	22.59	0.22	22.81	<=33.01	Pass
			0	21.68	0.22	21.90	<=33.01	Pass
			25	21.69	0.22	21.91	<=33.01	Pass
			50	21.59	0.22	21.81	<=33.01	Pass
	1900	100	0	21.64	0.22	21.86	<=33.01	Pass
			0	22.84	0.22	23.06	<=33.01	Pass
			50	23.32	0.22	23.54	<=33.01	Pass
		1	99	23.00	0.22	23.22	<=33.01	Pass
			0	21.70	0.22	21.92	<=33.01	Pass
			25	21.70	0.22	21.92	<=33.01	Pass
		50	50	21.59	0.22	21.81	<=33.01	Pass
			100	0	21.70	21.92	<=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	-6.437	-0.0035	-2.5 to 2.5	Pass
					3.85	-6.452	-0.0035	-2.5 to 2.5	Pass
					4.43	-7.839	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	4.764	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-19.612	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-10.471	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-9.456	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-5.293	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-7.124	-0.0038	-2.5 to 2.5	Pass
					3.85	-7.753	-0.0041	-2.5 to 2.5	Pass
					4.43	-8.025	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-10.114	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-10.271	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-9.599	-0.0051	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-6.208	-0.0033	-2.5 to 2.5	Pass
					3.85	-11.902	-0.0062	-2.5 to 2.5	Pass
					4.43	-11.215	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-7.052	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-12.202	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-20.056	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-10.872	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-6.051	-0.0032	-2.5 to 2.5	Pass

16QAM	1850.7	6	0	20	3.27	-12.703	-0.0069	-2.5 to 2.5	Pass
					3.85	1.273	0.0007	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-5.608	-0.0030	-2.5 to 2.5	Pass
					3.85	-11.401	-0.0061	-2.5 to 2.5	Pass
					4.43	-10.228	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-11.630	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-13.361	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-9.012	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-2.918	-0.0015	-2.5 to 2.5	Pass
					3.85	-13.933	-0.0073	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-8.454	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-11.101	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-11.902	-0.0062	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-3.448	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-8.011	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-8.869	-0.0046	-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	-10.629	-0.0057	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0037	-2.5 to 2.5	Pass
					4.43	-12.574	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-8.698	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-10.128	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-16.694	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-15.249	-0.0082	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-4.177	-0.0022	-2.5 to 2.5	Pass
					3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-10.357	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-11.044	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass

	1908.5	15	0	30	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.708	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-12.960	-0.0068	-2.5 to 2.5	Pass
					3.85	-13.461	-0.0071	-2.5 to 2.5	Pass
					4.43	-13.146	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-6.623	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-13.347	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-7.682	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.980	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-8.254	-0.0043	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-10.028	-0.0054	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	-6.495	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-9.298	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-17.896	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-14.248	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-14.477	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-7.639	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-7.424	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-9.384	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-4.120	-0.0022	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
					4.43	2.561	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-12.016	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-10.386	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
				40	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				50	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-5.307	-0.0028	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0032	-2.5 to 2.5	Pass
					4.43	-9.112	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.147	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-8.569	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-9.212	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-11.144	-0.0058	-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	-9.055	-0.0049	-2.5 to 2.5	Pass
					3.85	-10.829	-0.0058	-2.5 to 2.5	Pass
					4.43	-9.513	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-12.918	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass

				-10	3.85	-9.885	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.732	0.0015	-2.5 to 2.5	Pass
				40	3.85	-8.011	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-8.626	-0.0046	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0038	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-6.766	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-10.214	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-16.093	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-8.883	-0.0047	-2.5 to 2.5	Pass
				20	3.27	-10.414	-0.0055	-2.5 to 2.5	Pass
					3.85	1.488	0.0008	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0029	-2.5 to 2.5	Pass
	1907.5	25	0	-30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-8.769	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-13.361	-0.0070	-2.5 to 2.5	Pass
				10	3.85	2.475	0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0033	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	0.587	0.0003	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
					4.43	-6.223	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-15.292	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-5.350	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-10.142	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-14.076	-0.0076	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-9.770	-0.0052	-2.5 to 2.5	Pass
					3.85	-9.384	-0.0050	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-11.144	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-10.471	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-11.673	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-10.643	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-12.889	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-7.324	-0.0038	-2.5 to 2.5	Pass
					3.85	1.988	0.0010	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-13.175	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				0	3.85	-7.310	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass

				40	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-9.542	-0.0050	-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	-9.055	-0.0049	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	4.292	0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-7.138	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-7.925	-0.0043	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-10.443	-0.0056	-2.5 to 2.5	Pass
					4.43	-7.353	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-6.623	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-11.287	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-9.341	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-12.417	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-16.665	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-6.123	-0.0033	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.587	-0.0003	-2.5 to 2.5	Pass
					3.85	-9.313	-0.0049	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-9.270	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.688	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	-7.124	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	4.764	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-8.469	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.191	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-6.523	-0.0035	-2.5 to 2.5	Pass
					3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
					4.43	-8.583	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-7.539	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-12.302	-0.0065	-2.5 to 2.5	Pass

				0	3.85	-9.570	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-10.686	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-8.998	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-10.672	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-9.556	-0.0051	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-4.377	-0.0023	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-4.606	-0.0024	-2.5 to 2.5	Pass
				0	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.064	-0.0027	-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	-8.626	-0.0046	-2.5 to 2.5	Pass
					3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-7.238	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
	1880	75	0	50	3.85	-5.221	-0.0028	-2.5 to 2.5	Pass
				20	3.27	-8.912	-0.0047	-2.5 to 2.5	Pass
					3.85	-7.796	-0.0041	-2.5 to 2.5	Pass
					4.43	-6.237	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-5.350	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-13.690	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-14.720	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-8.583	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-13.647	-0.0073	-2.5 to 2.5	Pass
	1902.5	75	0	40	3.85	-13.332	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-13.046	-0.0069	-2.5 to 2.5	Pass
				20	3.27	-5.064	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0030	-2.5 to 2.5	Pass
					4.43	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
					4.43	-9.327	-0.0050	-2.5 to 2.5	Pass

				-30	3.85	-4.792	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-12.989	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-10.400	-0.0055	-2.5 to 2.5	Pass
					3.85	-12.603	-0.0067	-2.5 to 2.5	Pass
					4.43	-8.640	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-11.630	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-13.132	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-9.370	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-10.057	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-10.772	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-4.892	-0.0026	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-6.051	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-5.937	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-7.610	-0.0040	-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	-2.203	-0.0012	-2.5 to 2.5	Pass
					3.85	2.532	0.0014	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.503	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-11.845	-0.0063	-2.5 to 2.5	Pass
					3.85	-10.171	-0.0054	-2.5 to 2.5	Pass
					4.43	-4.807	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-8.368	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.621	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-9.055	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-12.531	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass

	1900	100	0	20	3.27	-1.302	-0.0007	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.173	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.416	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.108	-0.0032	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-3.834	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				40	3.85	-8.569	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-11.187	-0.0060	-2.5 to 2.5	Pass
					3.85	-9.613	-0.0051	-2.5 to 2.5	Pass
					4.43	-7.024	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-8.655	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.579	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-7.181	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-1.473	-0.0008	-2.5 to 2.5	Pass
					3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.735	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-7.625	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-4.020	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-6.638	-0.0035	-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 / 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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.1.4 B2_10MHz

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

3.1.5 B2_15MHz

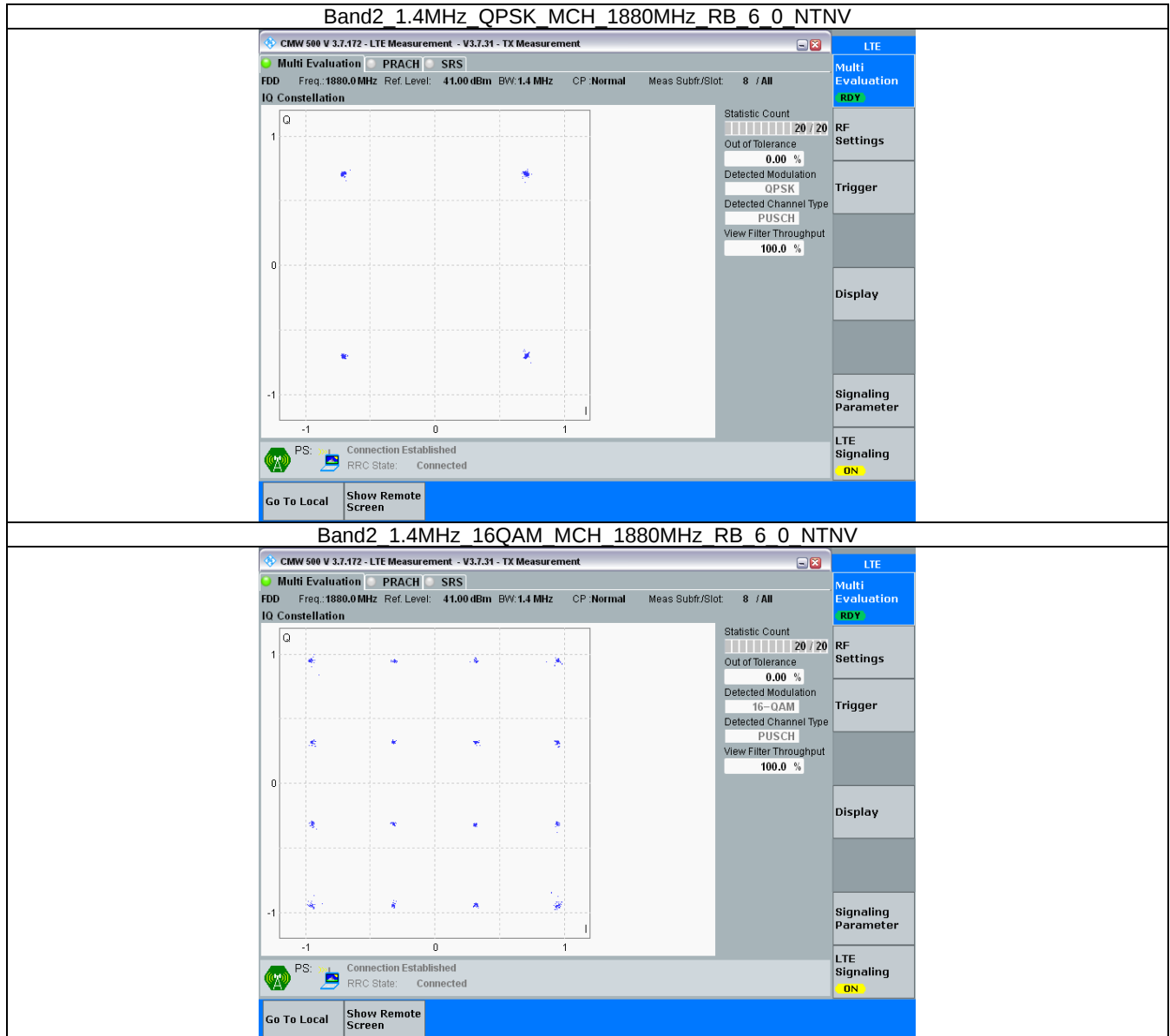
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

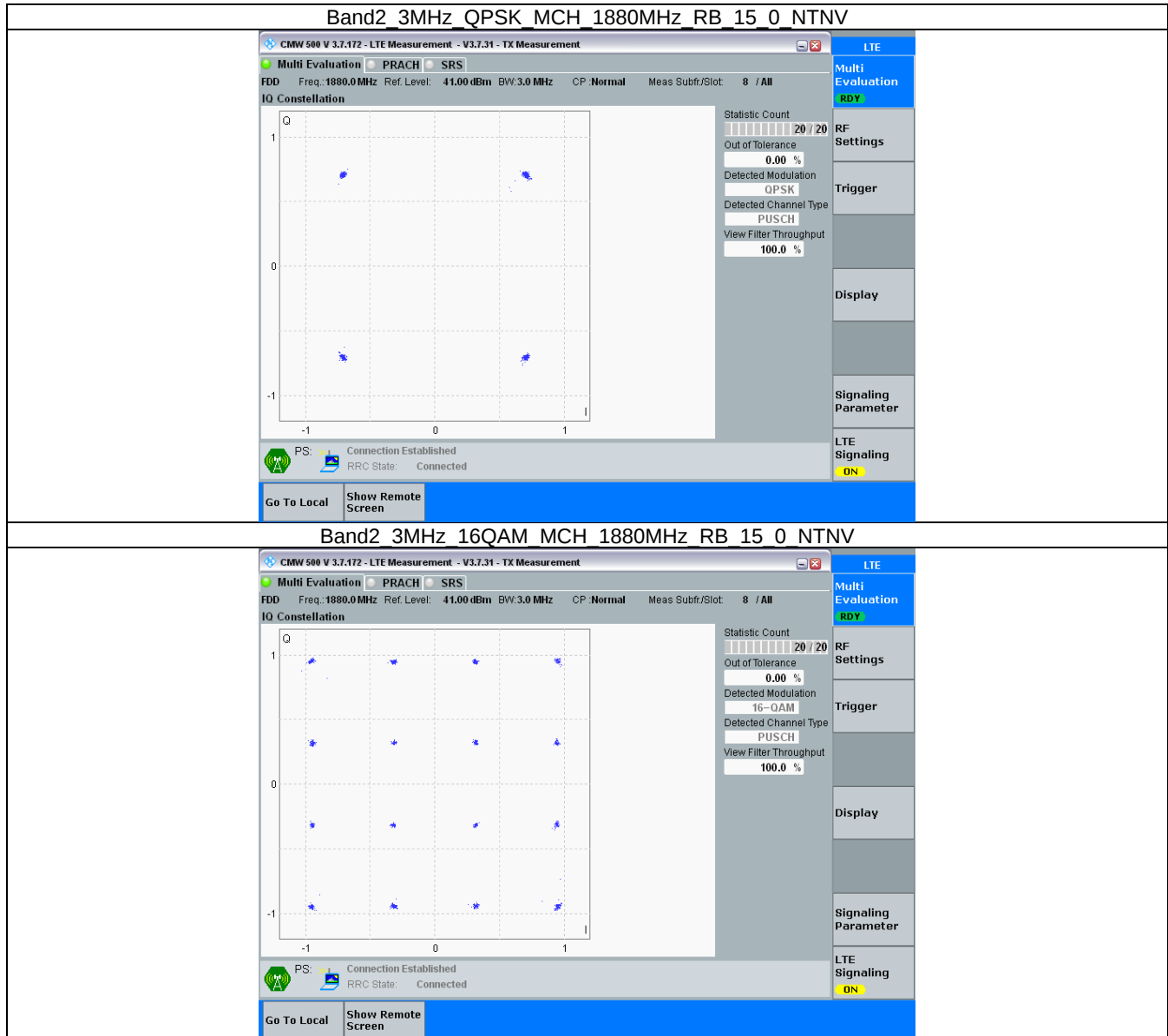
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

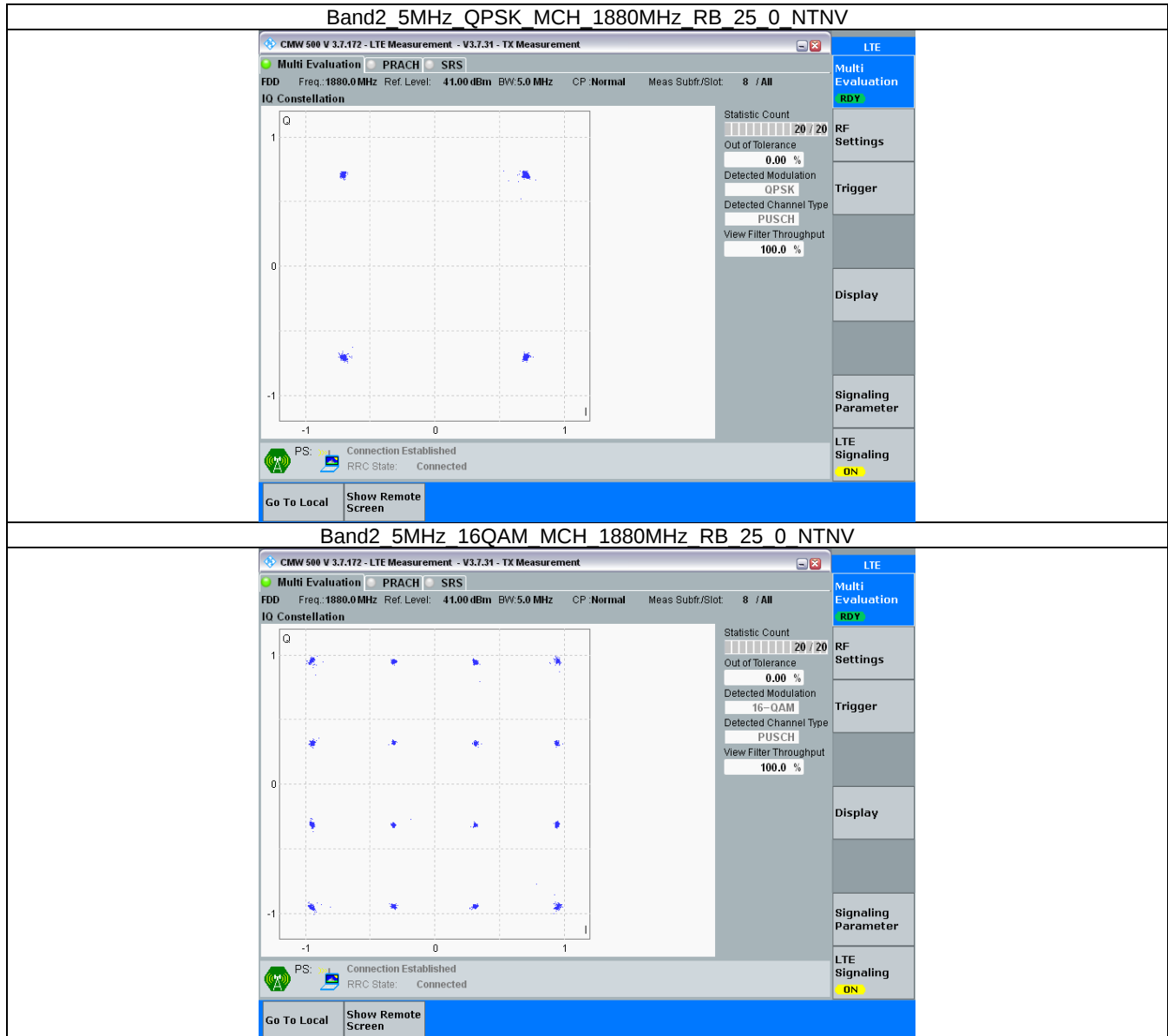
3.2.1 B2_1.4MHz



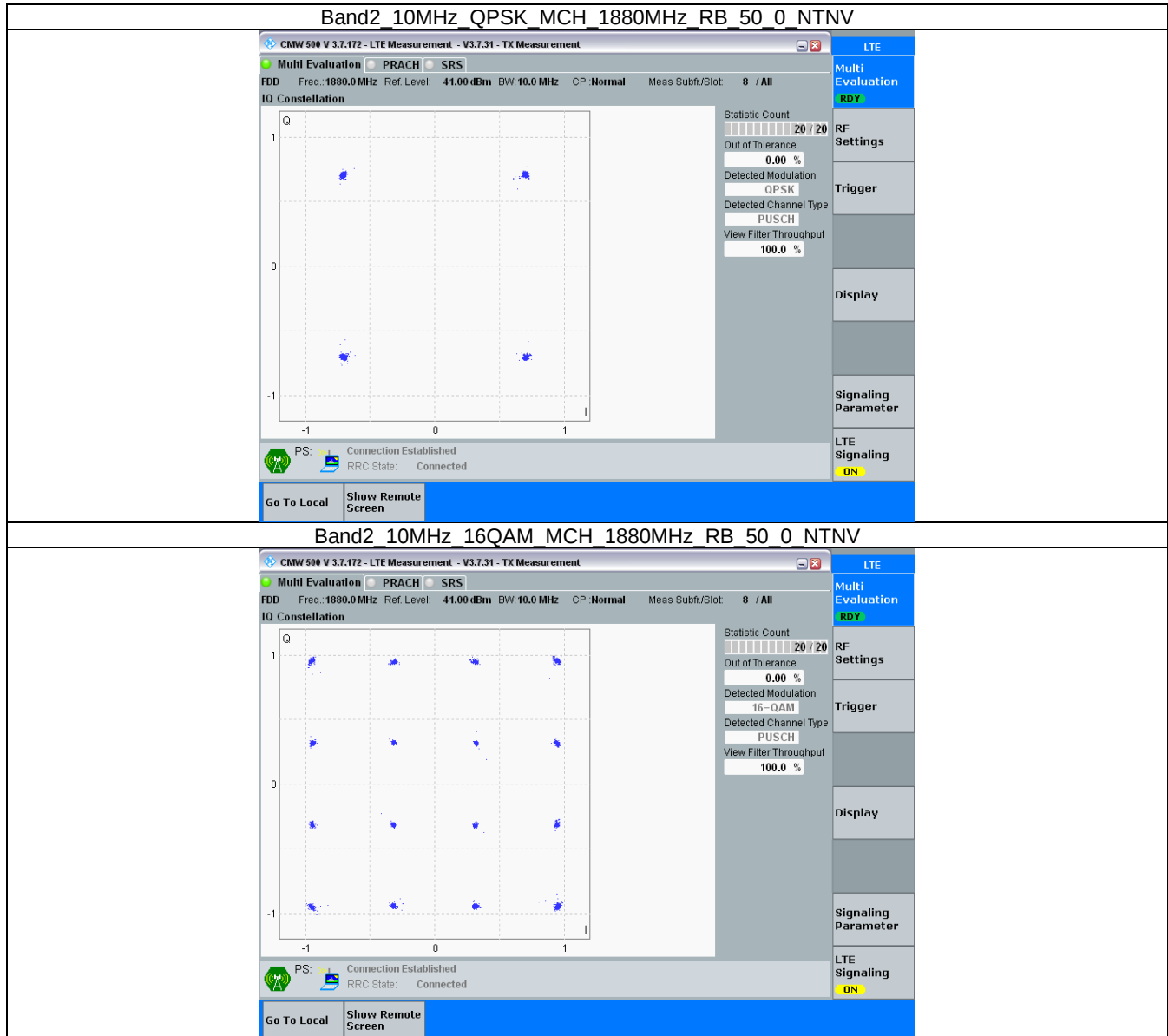
3.2.2 B2_3MHz



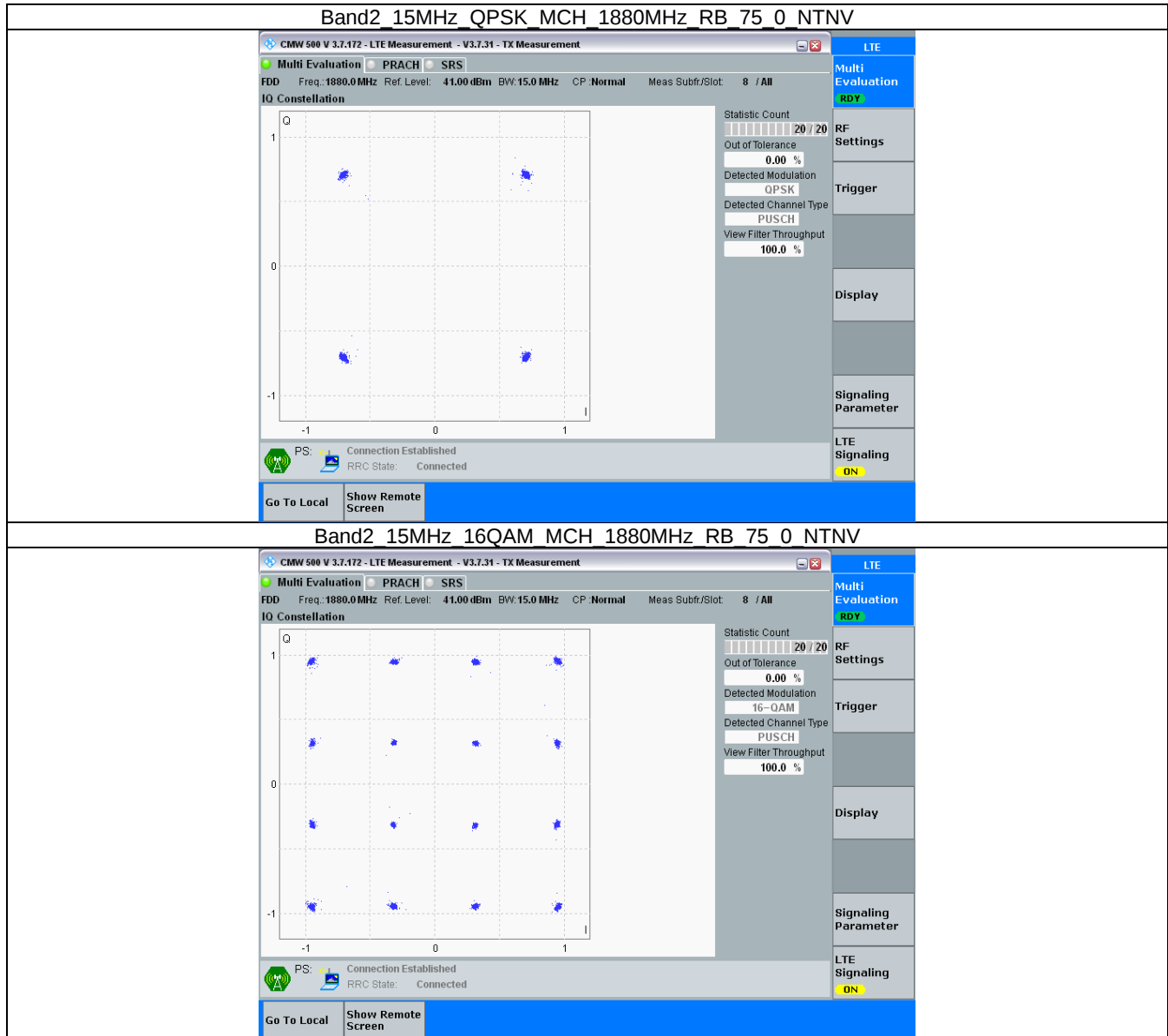
3.2.3 B2_5MHz



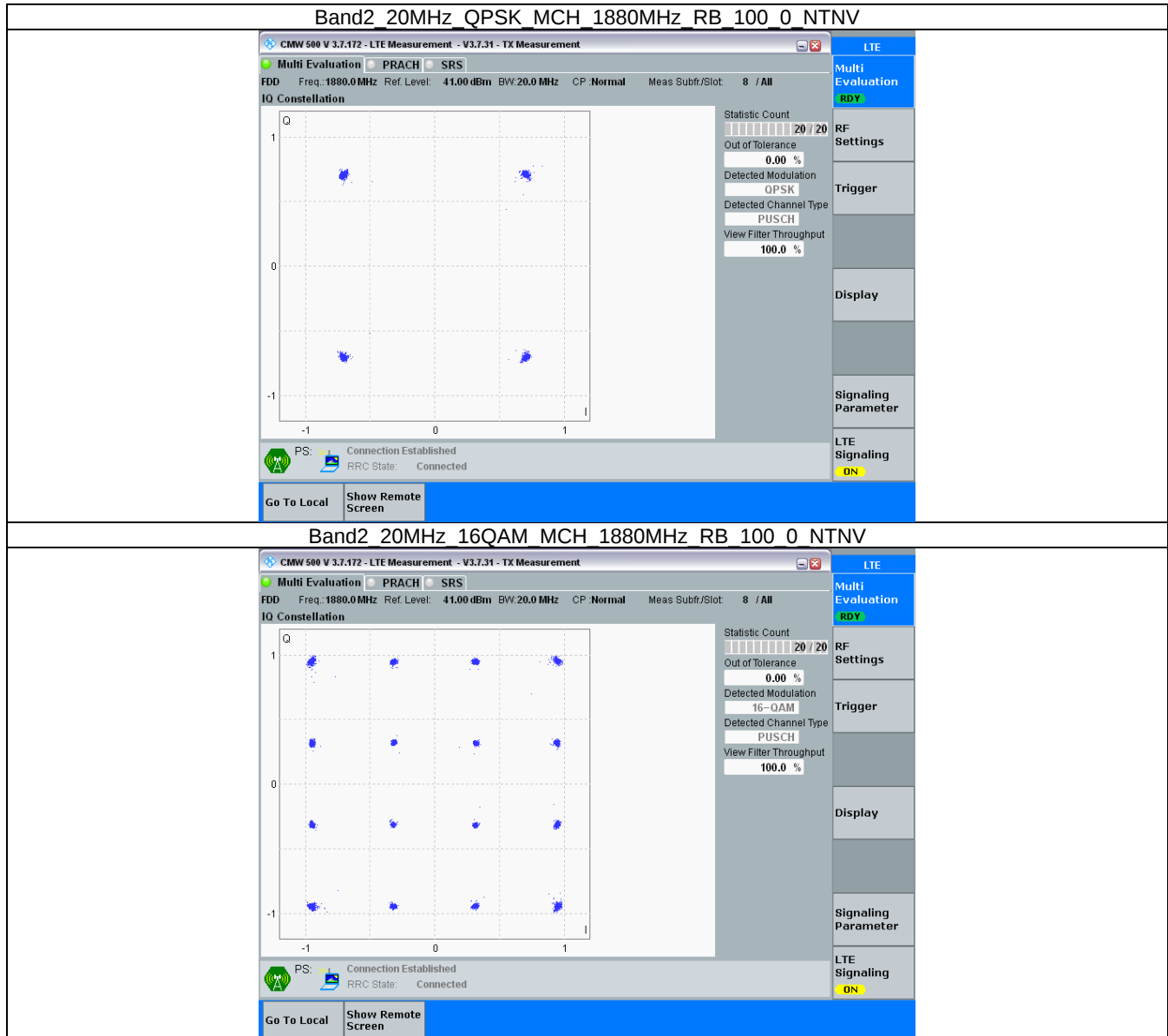
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.114	/	Pass
		1880	6	0	1.113	/	Pass
		1909.3	6	0	1.109	/	Pass
	16QAM	1850.7	6	0	1.109	/	Pass
		1880	6	0	1.111	/	Pass
		1909.3	6	0	1.117	/	Pass
3	QPSK	1851.5	15	0	2.726	/	Pass
		1880	15	0	2.729	/	Pass
		1908.5	15	0	2.729	/	Pass
	16QAM	1851.5	15	0	2.715	/	Pass
		1880	15	0	2.727	/	Pass
		1908.5	15	0	2.719	/	Pass
5	QPSK	1852.5	25	0	4.541	/	Pass
		1880	25	0	4.544	/	Pass
		1907.5	25	0	4.538	/	Pass
	16QAM	1852.5	25	0	4.529	/	Pass
		1880	25	0	4.550	/	Pass
		1907.5	25	0	4.530	/	Pass
10	QPSK	1855	50	0	9.020	/	Pass
		1880	50	0	9.091	/	Pass
		1905	50	0	9.072	/	Pass
	16QAM	1855	50	0	9.046	/	Pass
		1880	50	0	9.081	/	Pass
		1905	50	0	9.061	/	Pass
15	QPSK	1857.5	75	0	13.556	/	Pass
		1880	75	0	13.625	/	Pass
		1902.5	75	0	13.581	/	Pass
	16QAM	1857.5	75	0	13.575	/	Pass
		1880	75	0	13.646	/	Pass
		1902.5	75	0	13.577	/	Pass
20	QPSK	1860	100	0	18.085	/	Pass
		1880	100	0	18.150	/	Pass
		1900	100	0	18.082	/	Pass
	16QAM	1860	100	0	18.076	/	Pass
		1880	100	0	18.188	/	Pass
		1900	100	0	18.060	/	Pass

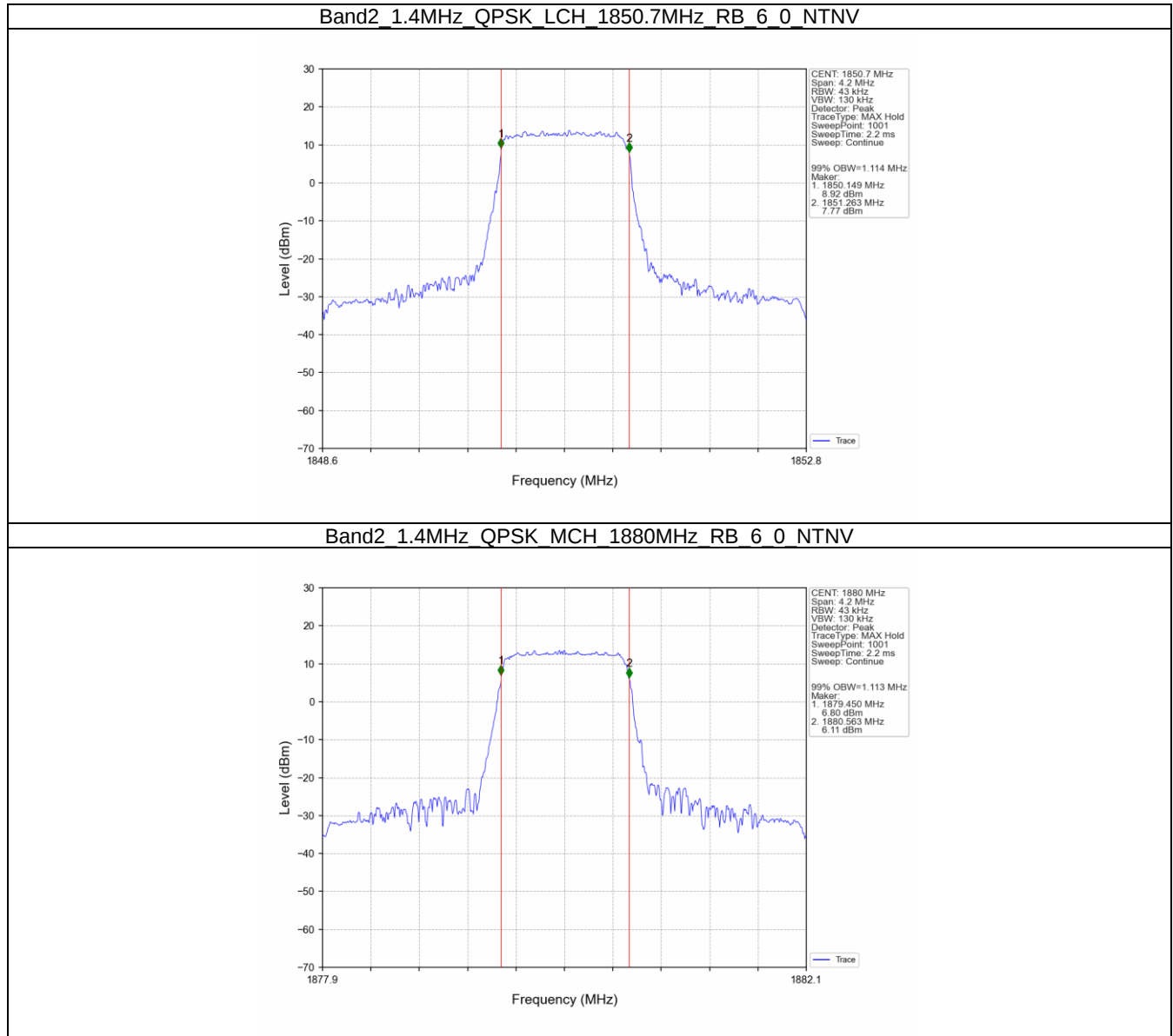
4.1.2 Band2_XDB

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	1.325	/	Pass
		1880	6	0	1.332	/	Pass
		1909.3	6	0	1.323	/	Pass

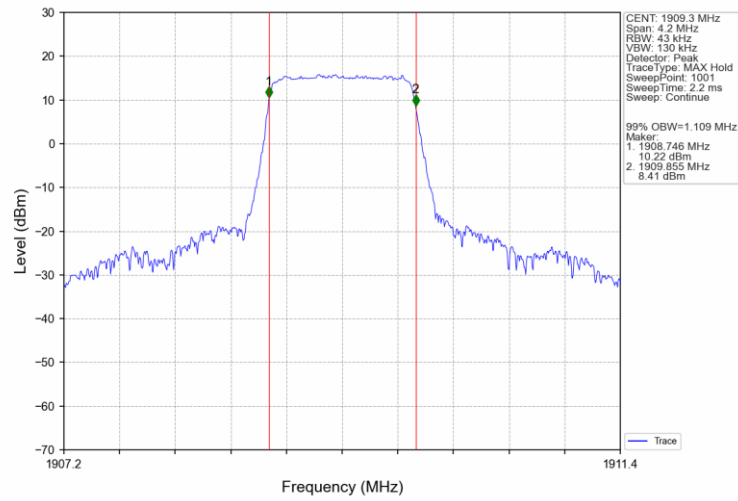
	16QAM	1850.7	6	0	1.317	/	Pass
		1880	6	0	1.314	/	Pass
		1909.3	6	0	1.352	/	Pass
3	QPSK	1851.5	15	0	2.997	/	Pass
		1880	15	0	3.000	/	Pass
		1908.5	15	0	2.998	/	Pass
	16QAM	1851.5	15	0	2.975	/	Pass
		1880	15	0	2.997	/	Pass
		1908.5	15	0	2.968	/	Pass
5	QPSK	1852.5	25	0	5.043	/	Pass
		1880	25	0	5.042	/	Pass
		1907.5	25	0	4.993	/	Pass
	16QAM	1852.5	25	0	5.023	/	Pass
		1880	25	0	5.040	/	Pass
		1907.5	25	0	5.004	/	Pass
10	QPSK	1855	50	0	9.914	/	Pass
		1880	50	0	9.984	/	Pass
		1905	50	0	9.982	/	Pass
	16QAM	1855	50	0	9.926	/	Pass
		1880	50	0	9.881	/	Pass
		1905	50	0	9.938	/	Pass
15	QPSK	1857.5	75	0	14.873	/	Pass
		1880	75	0	14.878	/	Pass
		1902.5	75	0	14.924	/	Pass
	16QAM	1857.5	75	0	14.901	/	Pass
		1880	75	0	14.917	/	Pass
		1902.5	75	0	14.901	/	Pass
20	QPSK	1860	100	0	19.716	/	Pass
		1880	100	0	19.943	/	Pass
		1900	100	0	19.789	/	Pass
	16QAM	1860	100	0	19.711	/	Pass
		1880	100	0	19.747	/	Pass
		1900	100	0	19.684	/	Pass

4.2 Test Graph

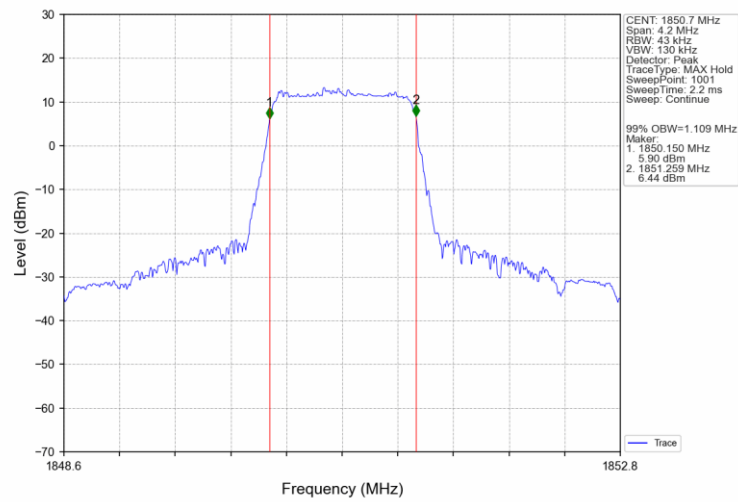
4.2.1 Band2_OBW



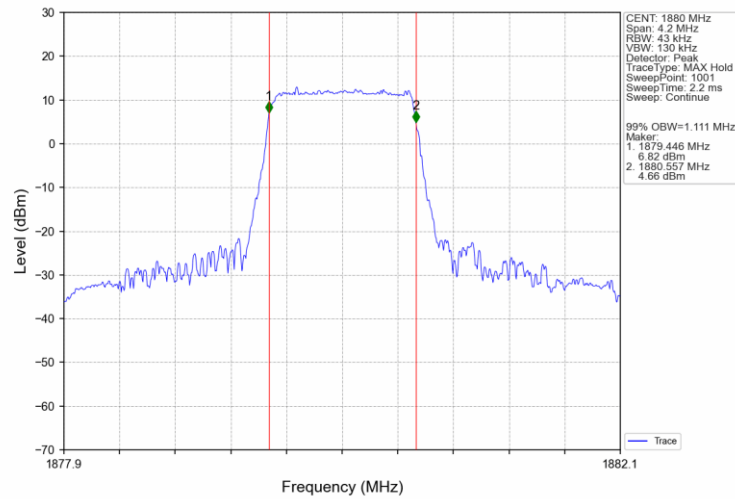
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



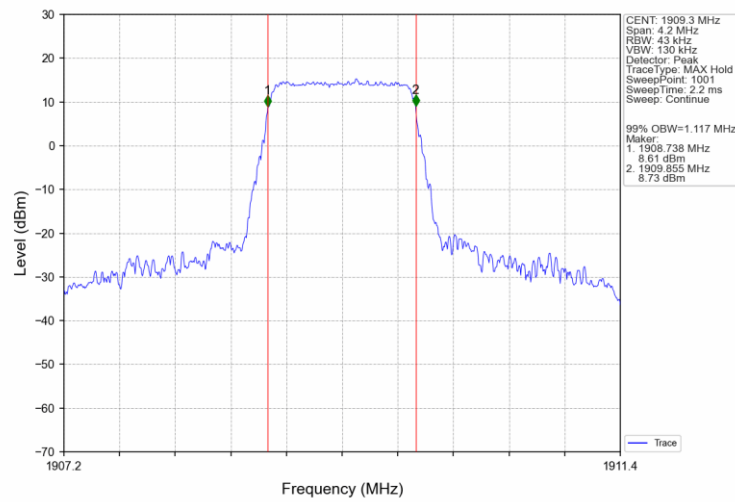
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



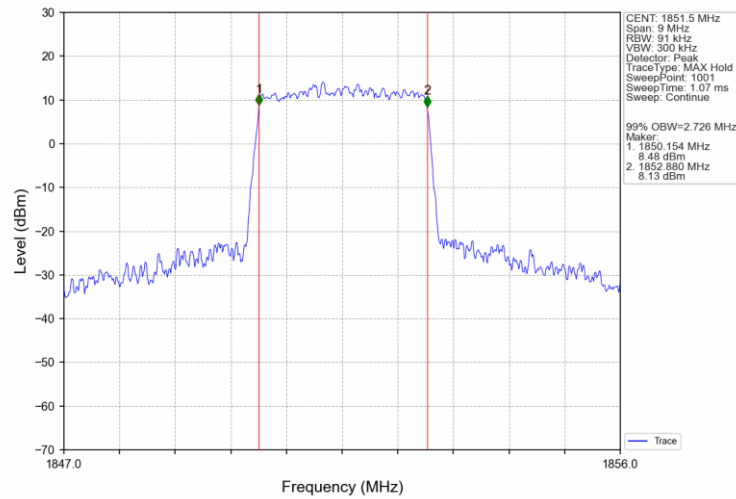
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



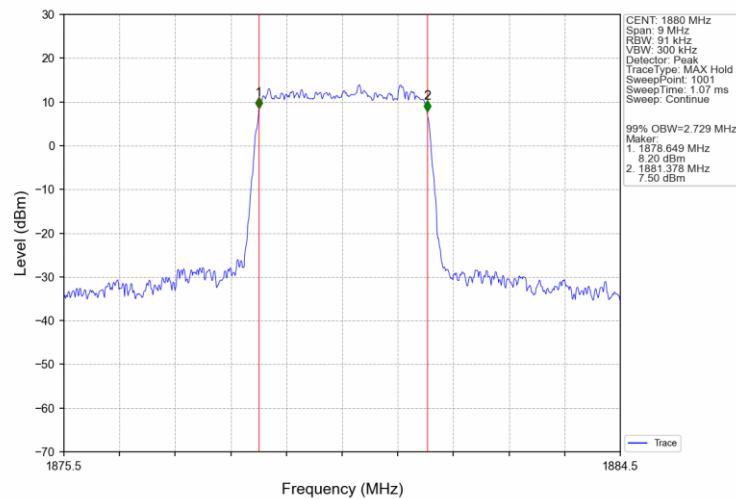
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



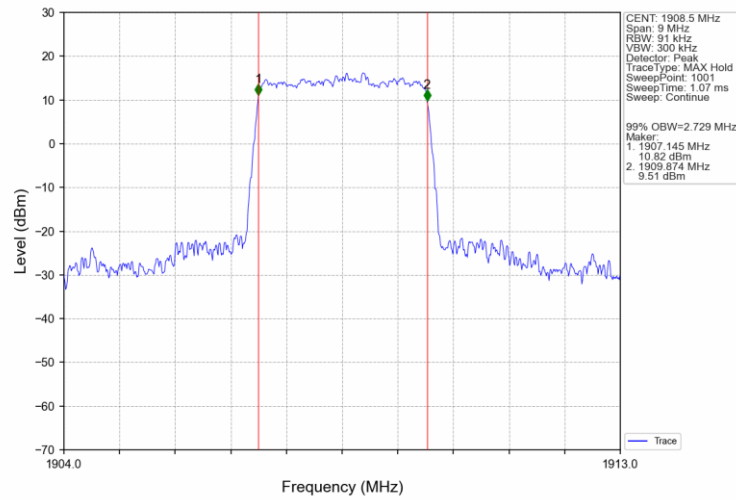
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



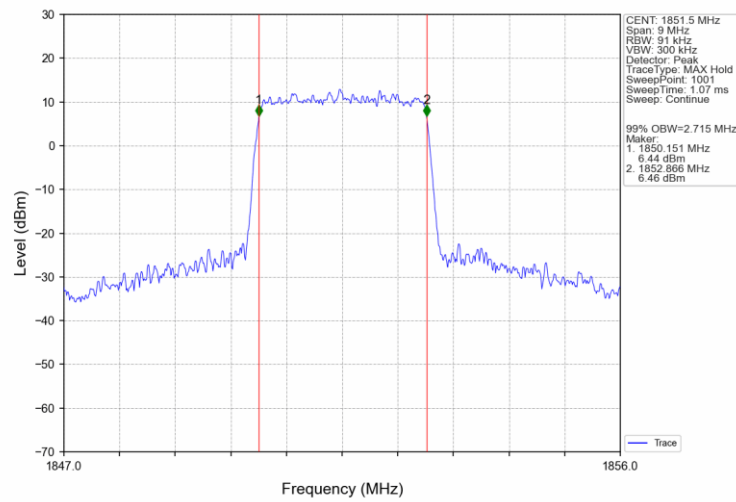
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



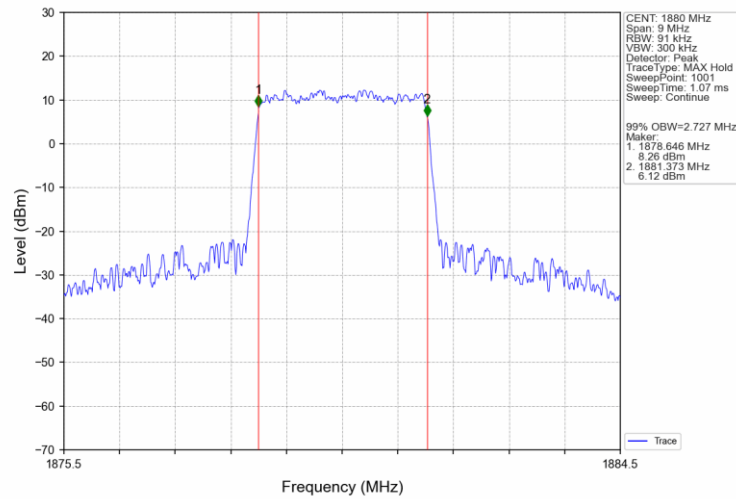
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



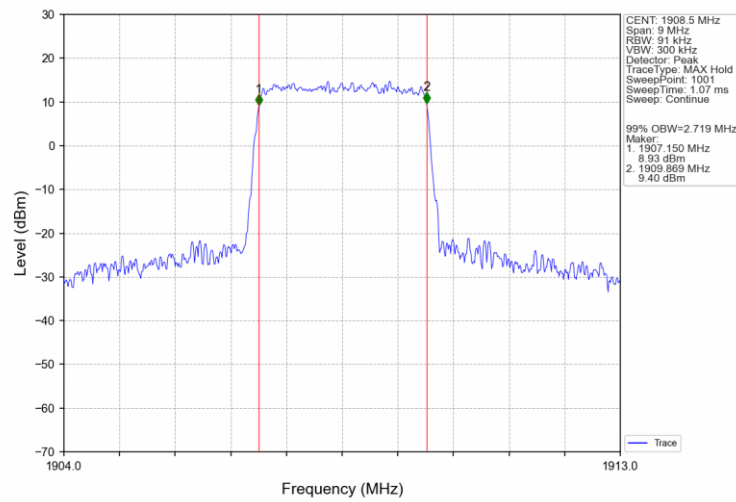
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



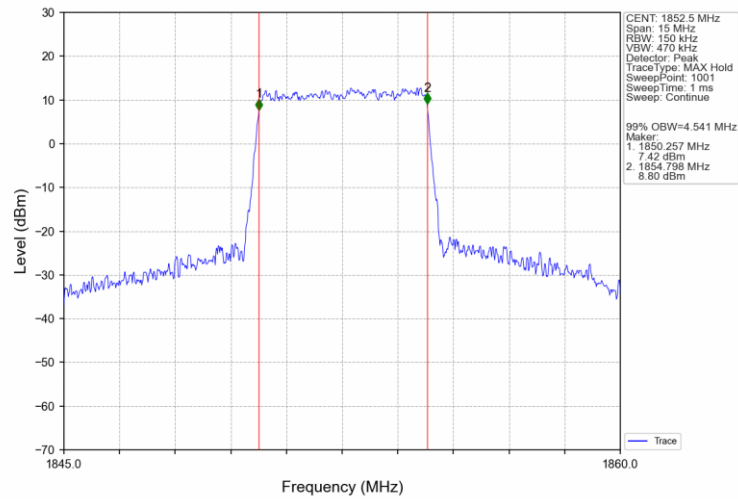
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



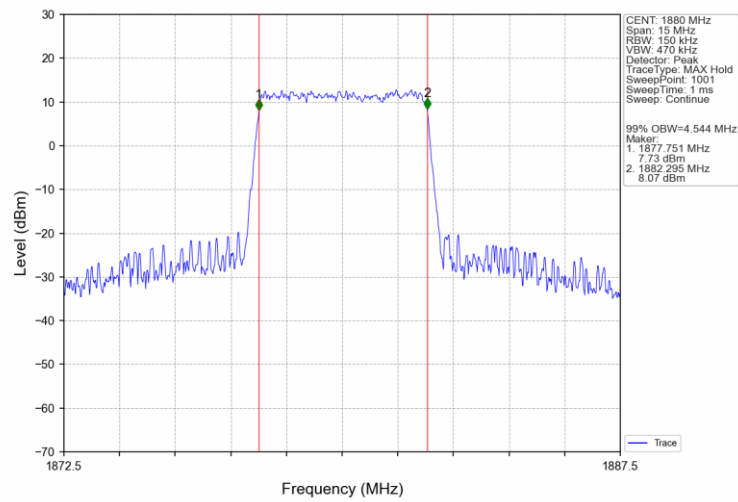
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



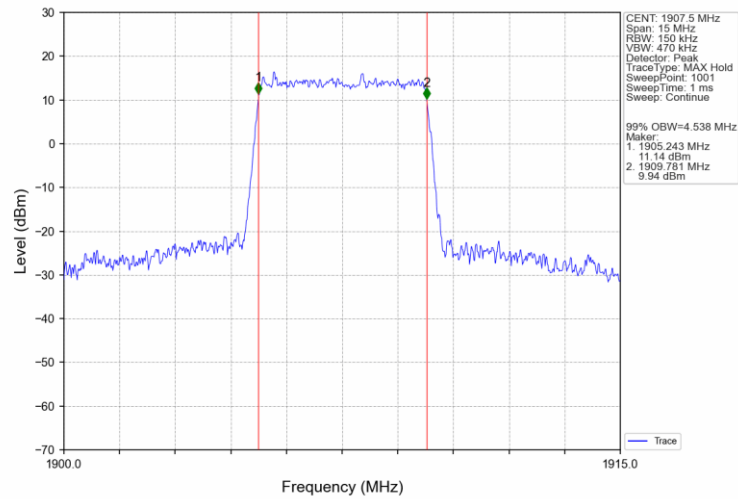
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



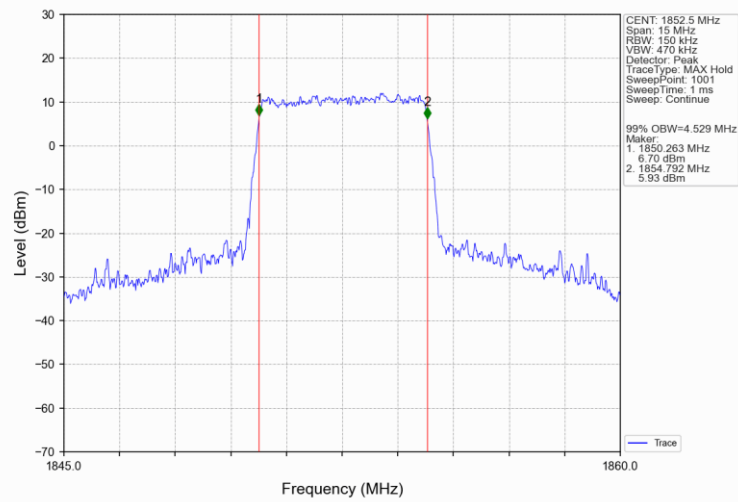
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



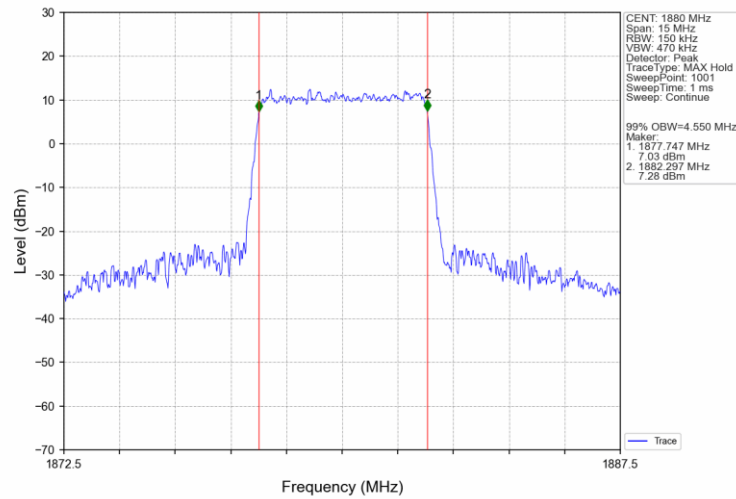
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



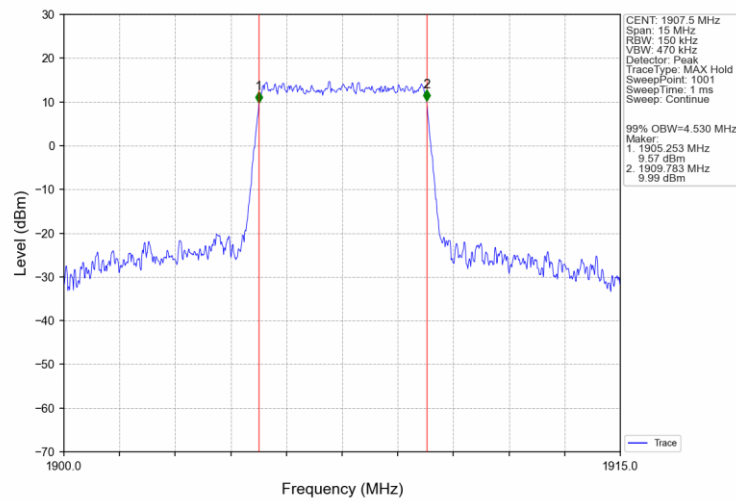
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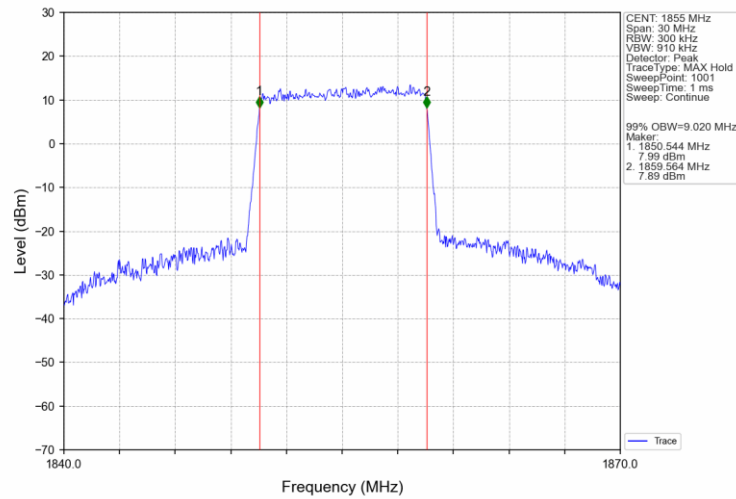
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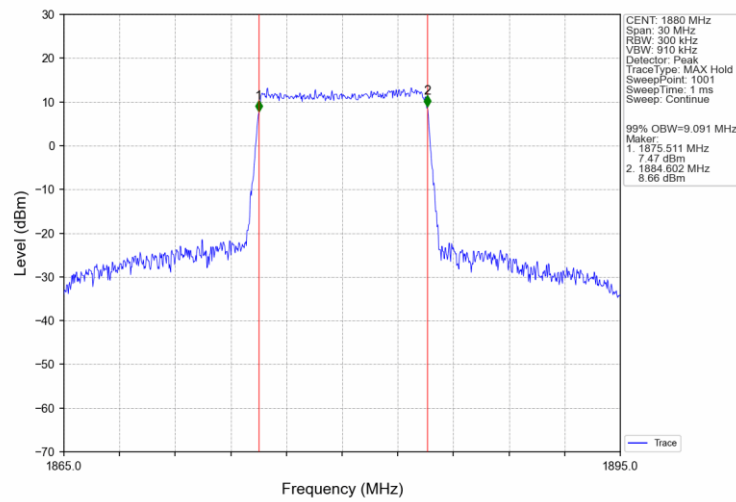
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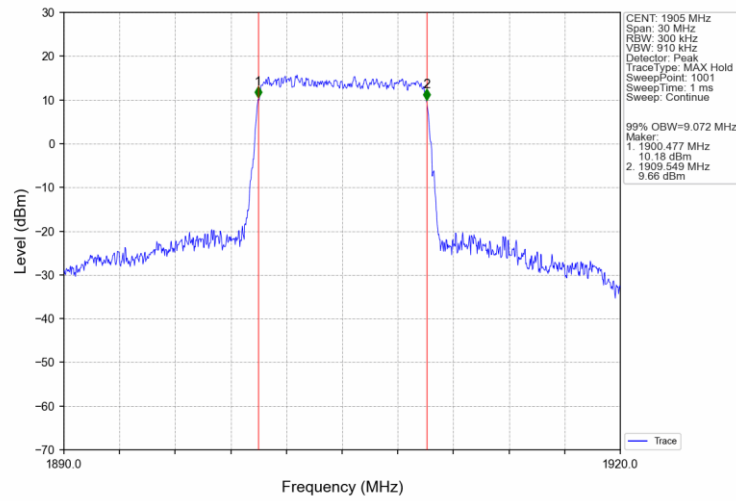
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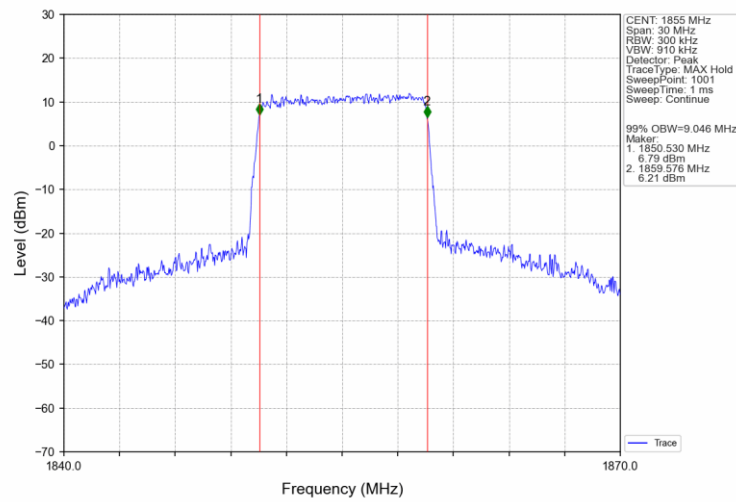
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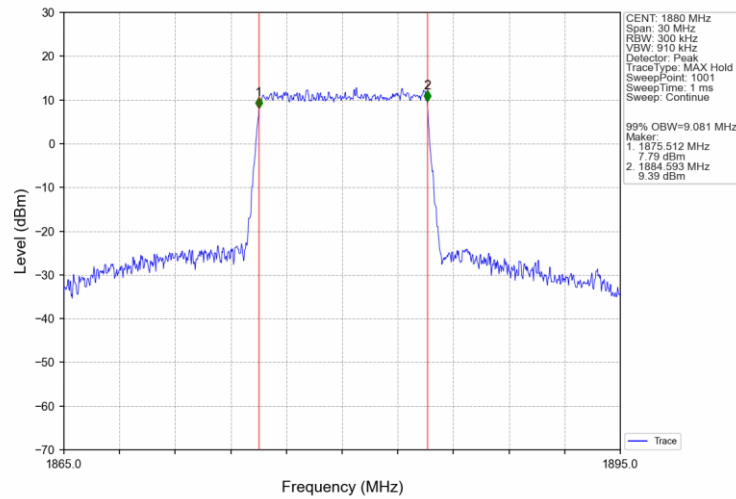
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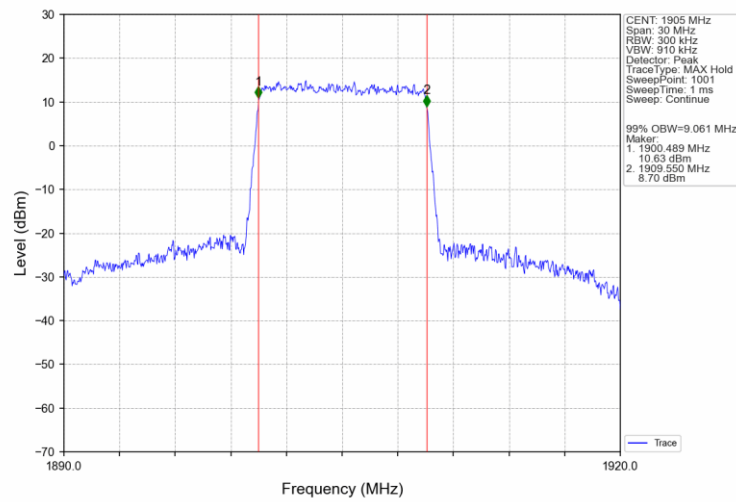
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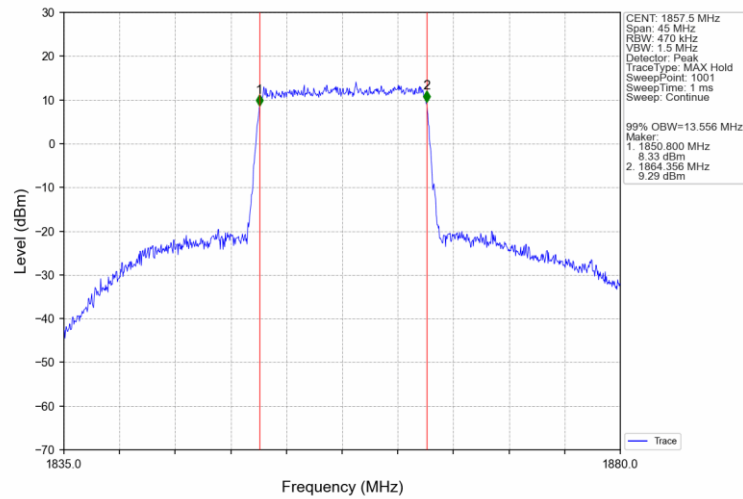
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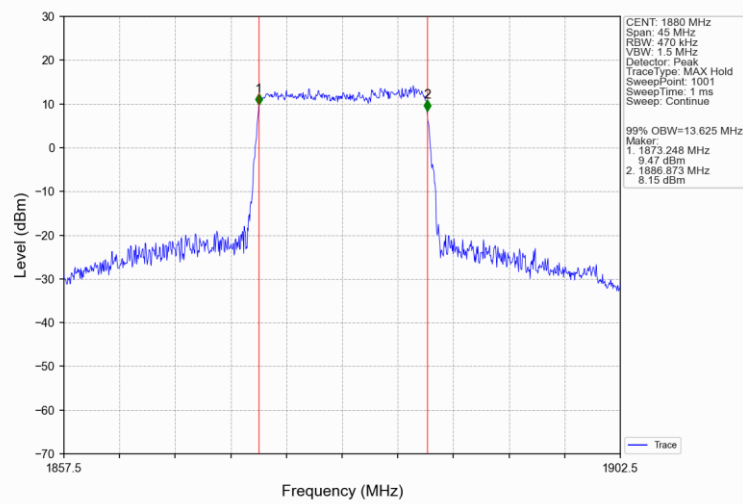
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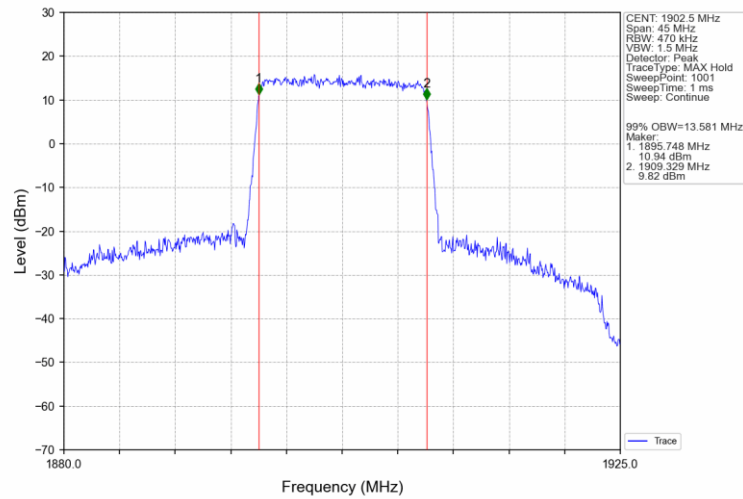
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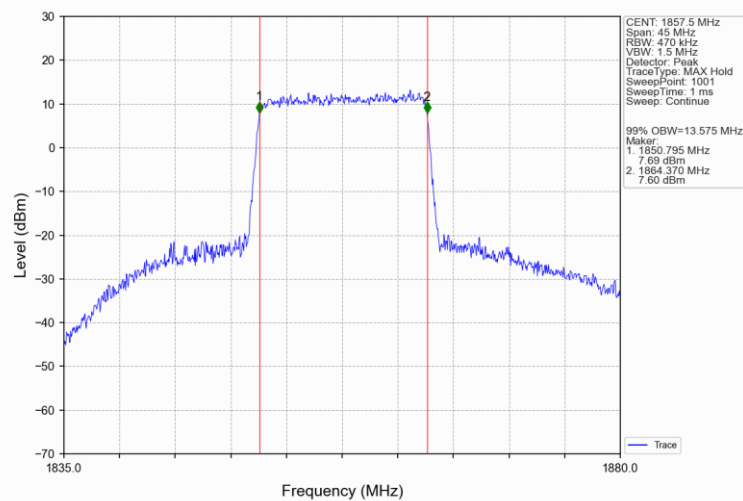
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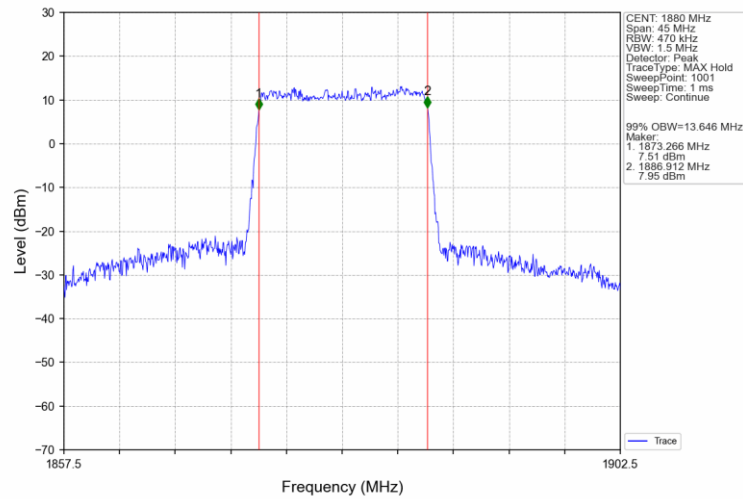
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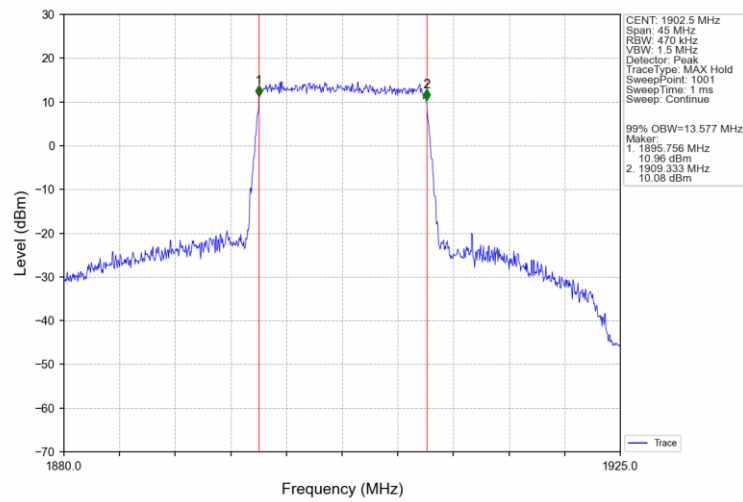
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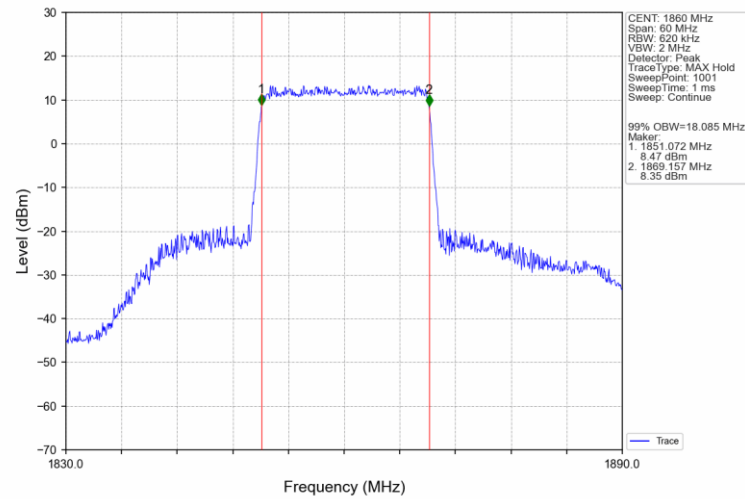
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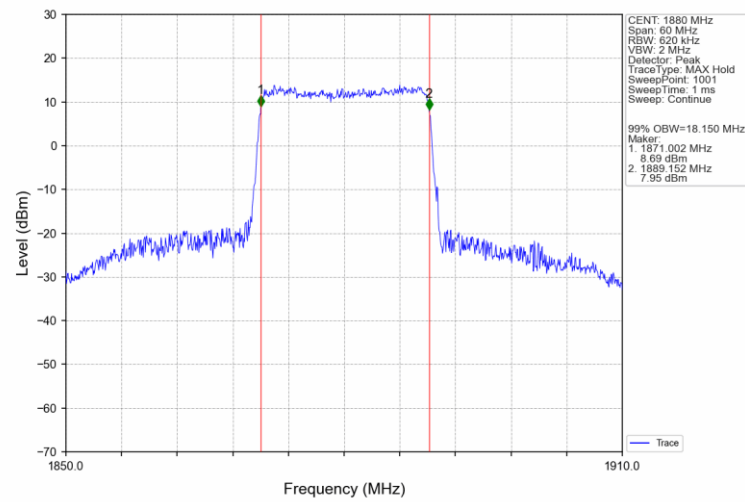
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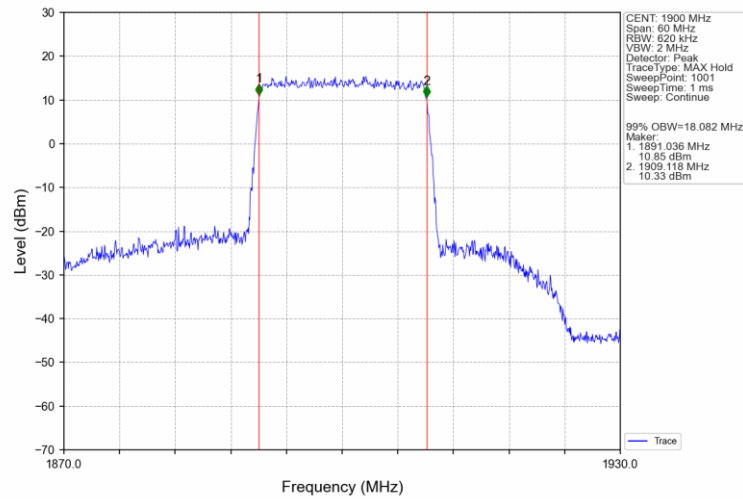
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



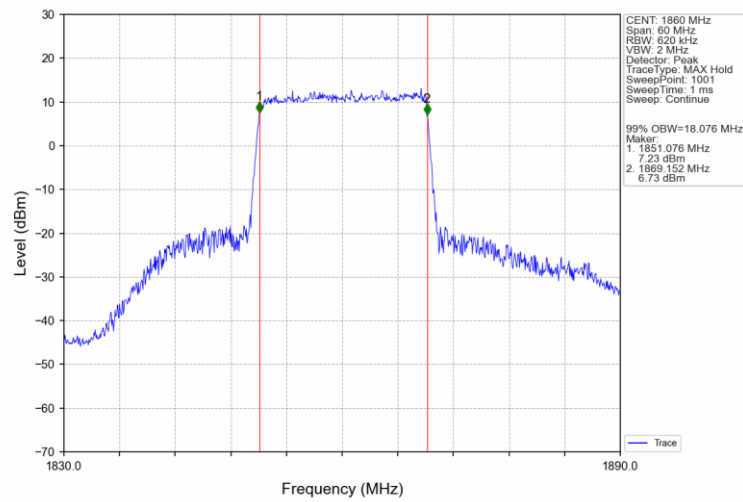
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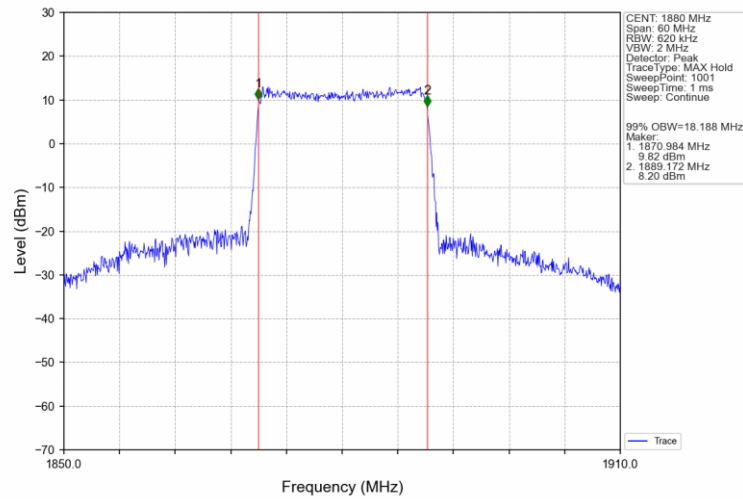
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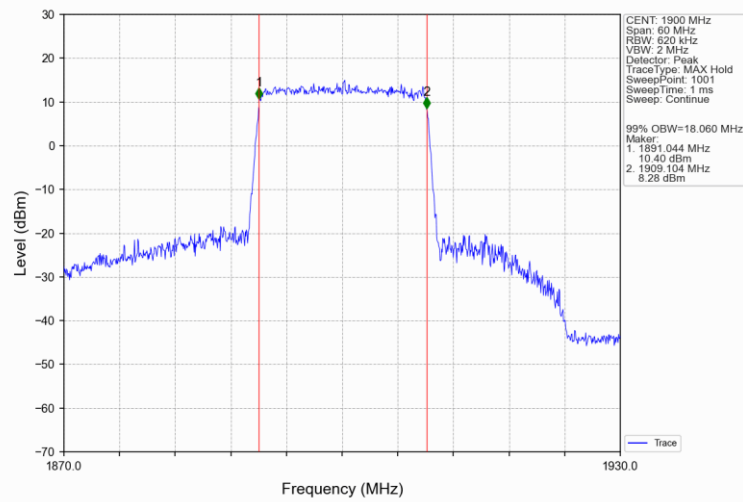
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Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

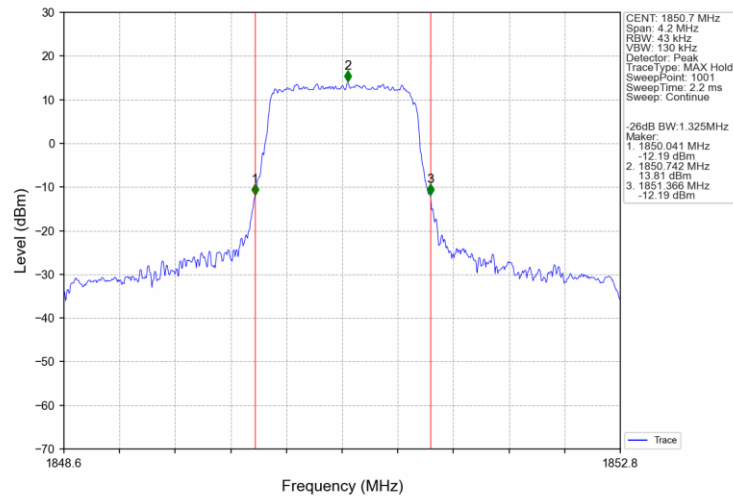


Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

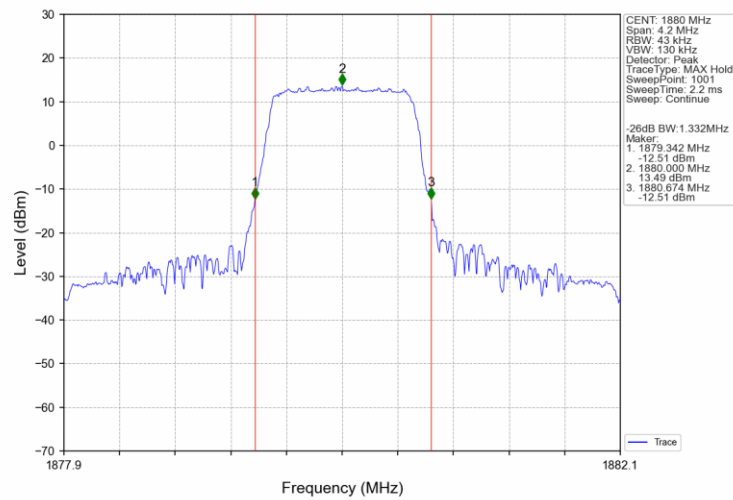


4.2.2 Band2_XDB

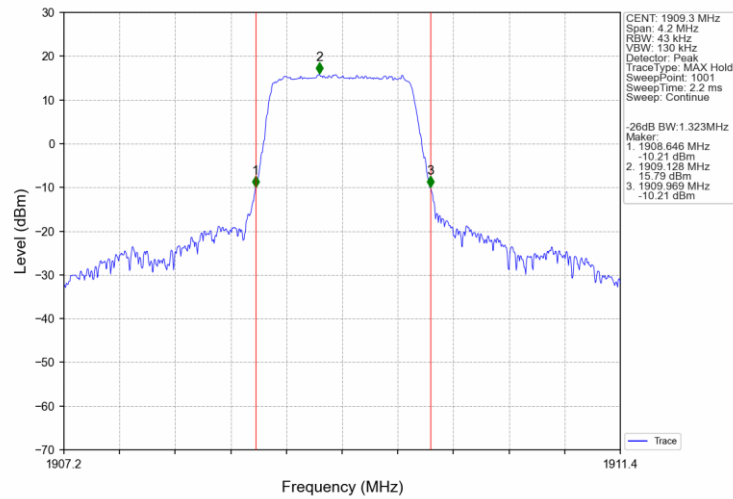
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



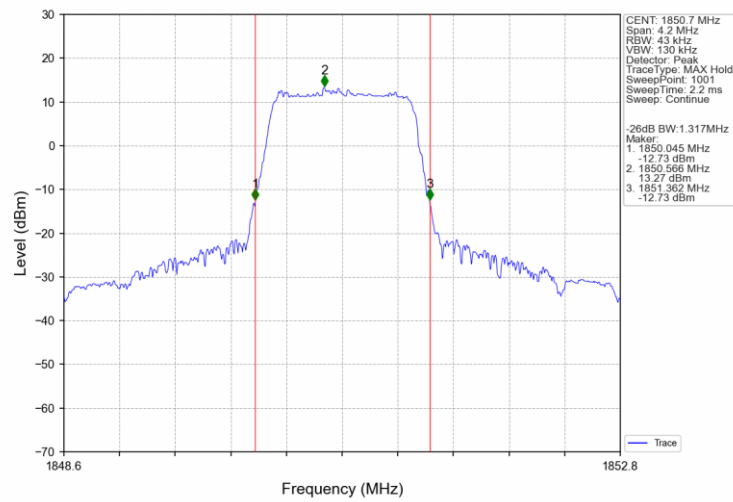
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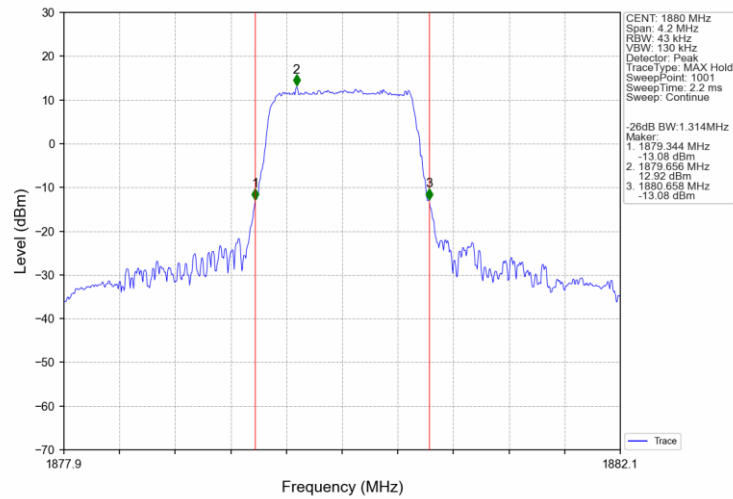
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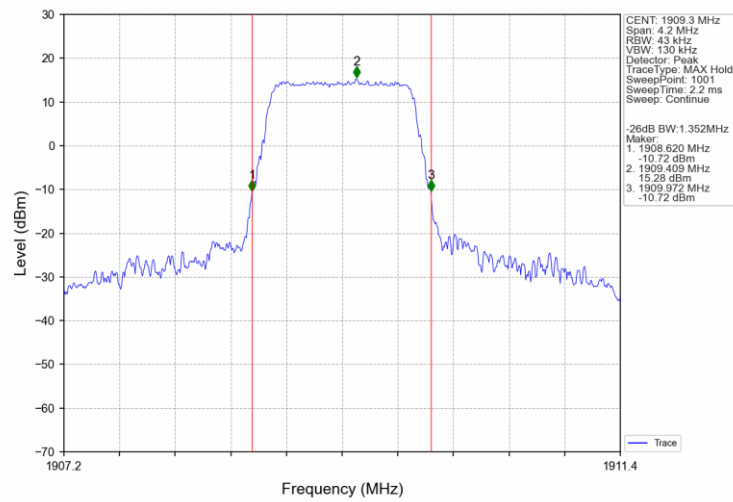
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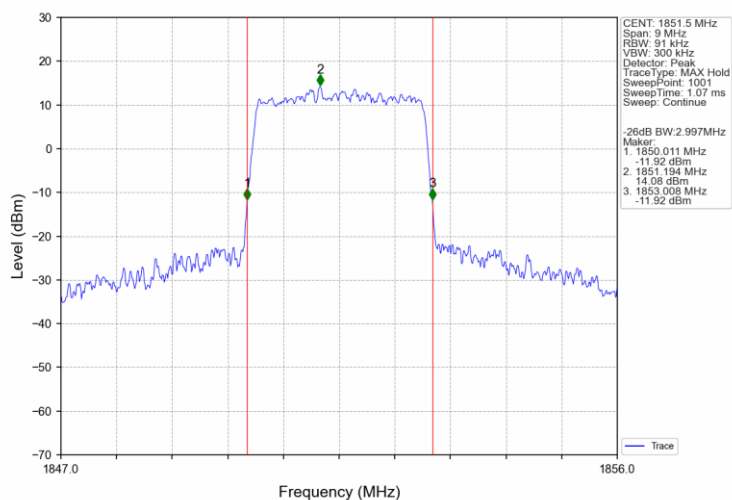
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



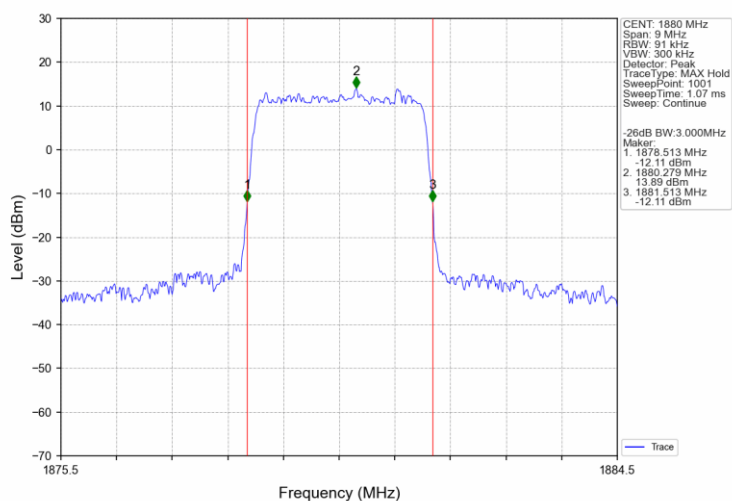
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



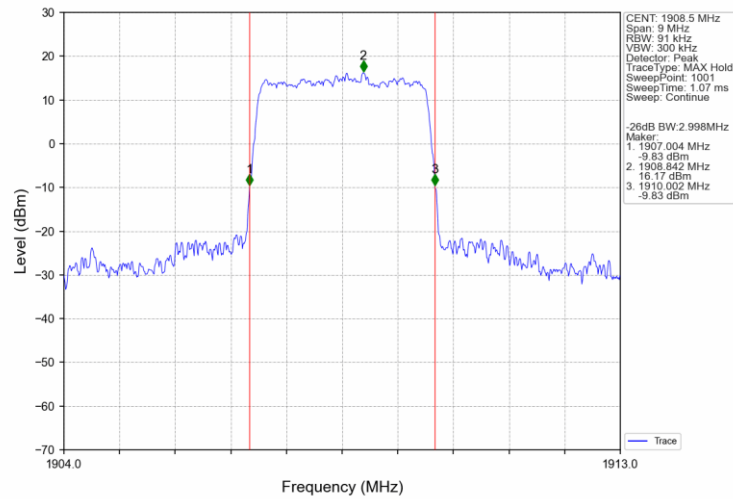
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



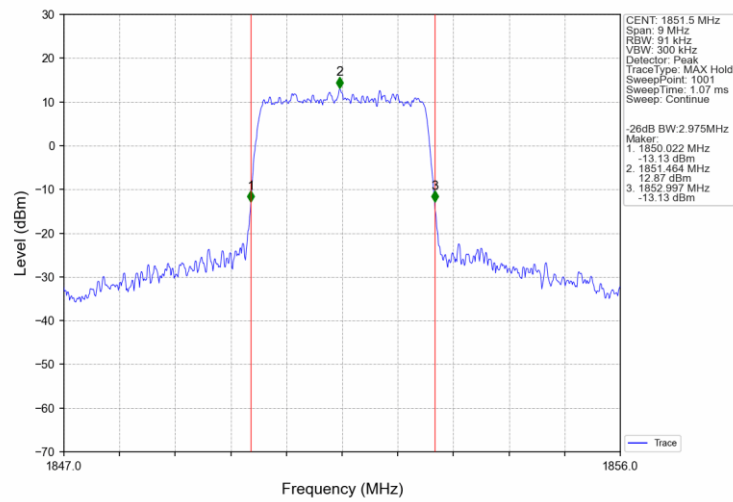
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



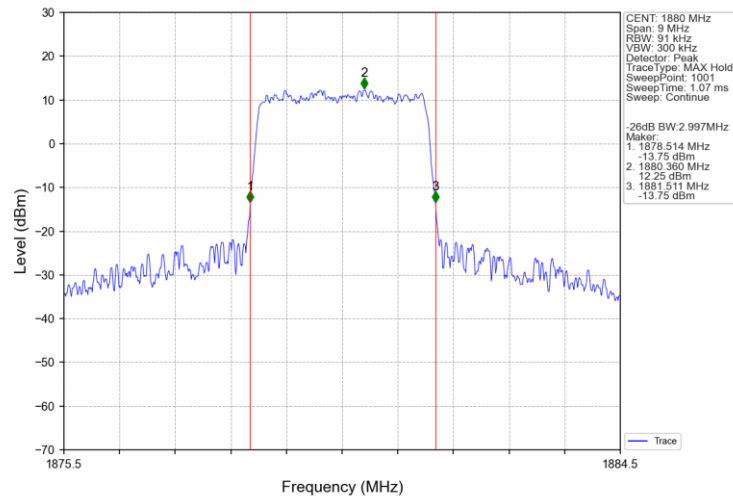
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



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

