

Appendix RF 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	24.18	4.60	28.78	<=33.01	Pass
			2	24.23	4.60	28.83	<=33.01	Pass
			5	24.20	4.60	28.80	<=33.01	Pass
		3	0	24.19	4.60	28.79	<=33.01	Pass
			2	24.20	4.60	28.80	<=33.01	Pass
			3	24.20	4.60	28.80	<=33.01	Pass
		6	0	23.19	4.60	27.79	<=33.01	Pass
	1880	1	0	24.30	4.60	28.90	<=33.01	Pass
			2	24.34	4.60	28.94	<=33.01	Pass
			5	24.34	4.60	28.94	<=33.01	Pass
		3	0	24.31	4.60	28.91	<=33.01	Pass
			2	24.28	4.60	28.88	<=33.01	Pass
			3	24.32	4.60	28.92	<=33.01	Pass
		6	0	23.32	4.60	27.92	<=33.01	Pass
	1909.3	1	0	24.25	4.60	28.85	<=33.01	Pass
			2	24.24	4.60	28.84	<=33.01	Pass
			5	24.25	4.60	28.85	<=33.01	Pass
		3	0	24.32	4.60	28.92	<=33.01	Pass
			2	24.32	4.60	28.92	<=33.01	Pass
			3	24.28	4.60	28.88	<=33.01	Pass
		6	0	23.36	4.60	27.96	<=33.01	Pass
16QAM	1850.7	1	0	23.21	4.60	27.81	<=33.01	Pass
			2	23.25	4.60	27.85	<=33.01	Pass
			5	23.22	4.60	27.82	<=33.01	Pass
		3	0	23.25	4.60	27.85	<=33.01	Pass
			2	23.22	4.60	27.82	<=33.01	Pass
			3	23.22	4.60	27.82	<=33.01	Pass
		6	0	22.11	4.60	26.71	<=33.01	Pass
	1880	1	0	23.33	4.60	27.93	<=33.01	Pass
			2	23.36	4.60	27.96	<=33.01	Pass
			5	23.39	4.60	27.99	<=33.01	Pass
		3	0	23.36	4.60	27.96	<=33.01	Pass
			2	23.31	4.60	27.91	<=33.01	Pass
			3	23.29	4.60	27.89	<=33.01	Pass
		6	0	22.23	4.60	26.83	<=33.01	Pass
	1909.3	1	0	23.49	4.60	28.09	<=33.01	Pass
			2	23.50	4.60	28.10	<=33.01	Pass
			5	23.49	4.60	28.09	<=33.01	Pass
		3	0	23.27	4.60	27.87	<=33.01	Pass
			2	23.29	4.60	27.89	<=33.01	Pass
			3	23.28	4.60	27.88	<=33.01	Pass
		6	0	22.39	4.60	26.99	<=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	24.23	4.60	28.83	<=33.01	Pass
			7	24.23	4.60	28.83	<=33.01	Pass
			14	24.21	4.60	28.81	<=33.01	Pass
		8	0	23.20	4.60	27.80	<=33.01	Pass
			4	23.19	4.60	27.79	<=33.01	Pass
			7	23.21	4.60	27.81	<=33.01	Pass
		15	0	23.21	4.60	27.81	<=33.01	Pass
	1880	1	0	24.35	4.60	28.95	<=33.01	Pass
			7	24.37	4.60	28.97	<=33.01	Pass
			14	24.35	4.60	28.95	<=33.01	Pass
		8	0	23.35	4.60	27.95	<=33.01	Pass
			4	23.30	4.60	27.90	<=33.01	Pass
			7	23.32	4.60	27.92	<=33.01	Pass
		15	0	23.31	4.60	27.91	<=33.01	Pass
	1908.5	1	0	24.26	4.60	28.86	<=33.01	Pass
			7	24.26	4.60	28.86	<=33.01	Pass
			14	24.28	4.60	28.88	<=33.01	Pass
		8	0	23.35	4.60	27.95	<=33.01	Pass
			4	23.38	4.60	27.98	<=33.01	Pass
			7	23.35	4.60	27.95	<=33.01	Pass
		15	0	23.36	4.60	27.96	<=33.01	Pass
16QAM	1851.5	1	0	23.78	4.60	28.38	<=33.01	Pass
			7	23.76	4.60	28.36	<=33.01	Pass
			14	23.76	4.60	28.36	<=33.01	Pass
		8	0	22.36	4.60	26.96	<=33.01	Pass
			4	22.35	4.60	26.95	<=33.01	Pass
			7	22.36	4.60	26.96	<=33.01	Pass
		15	0	22.27	4.60	26.87	<=33.01	Pass
	1880	1	0	23.45	4.60	28.05	<=33.01	Pass
			7	23.43	4.60	28.03	<=33.01	Pass
			14	23.40	4.60	28.00	<=33.01	Pass
		8	0	22.39	4.60	26.99	<=33.01	Pass
			4	22.33	4.60	26.93	<=33.01	Pass
			7	22.37	4.60	26.97	<=33.01	Pass
		15	0	22.34	4.60	26.94	<=33.01	Pass
	1908.5	1	0	23.52	4.60	28.12	<=33.01	Pass
			7	23.53	4.60	28.13	<=33.01	Pass
			14	23.54	4.60	28.14	<=33.01	Pass
		8	0	22.33	4.60	26.93	<=33.01	Pass
			4	22.36	4.60	26.96	<=33.01	Pass
			7	22.33	4.60	26.93	<=33.01	Pass
		15	0	22.31	4.60	26.91	<=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	24.39	4.60	28.99	<=33.01	Pass
			13	24.41	4.60	29.01	<=33.01	Pass
			24	24.43	4.60	29.03	<=33.01	Pass



16QAM	1880	12	0	23.22	4.60	27.82	<=33.01	Pass
			6	23.23	4.60	27.83	<=33.01	Pass
			13	23.22	4.60	27.82	<=33.01	Pass
		25	0	23.23	4.60	27.83	<=33.01	Pass
			0	24.42	4.60	29.02	<=33.01	Pass
			13	24.40	4.60	29.00	<=33.01	Pass
		1	24	24.44	4.60	29.04	<=33.01	Pass
			0	23.37	4.60	27.97	<=33.01	Pass
			6	23.34	4.60	27.94	<=33.01	Pass
		12	13	23.31	4.60	27.91	<=33.01	Pass
			0	23.36	4.60	27.96	<=33.01	Pass
			25	0	23.36	27.96	<=33.01	Pass
	1907.5	1	0	24.39	4.60	28.99	<=33.01	Pass
			13	24.34	4.60	28.94	<=33.01	Pass
			24	24.40	4.60	29.00	<=33.01	Pass
		12	0	23.34	4.60	27.94	<=33.01	Pass
			6	23.34	4.60	27.94	<=33.01	Pass
			13	23.31	4.60	27.91	<=33.01	Pass
		25	0	23.32	4.60	27.92	<=33.01	Pass
			0	23.11	4.60	27.71	<=33.01	Pass
			13	23.12	4.60	27.72	<=33.01	Pass
		1	24	23.12	4.60	27.72	<=33.01	Pass
			0	22.21	4.60	26.81	<=33.01	Pass
			6	22.21	4.60	26.81	<=33.01	Pass
	1880	12	13	22.20	4.60	26.80	<=33.01	Pass
			0	22.26	4.60	26.86	<=33.01	Pass
			25	0	22.26	26.86	<=33.01	Pass
		1	0	23.48	4.60	28.08	<=33.01	Pass
			13	23.47	4.60	28.07	<=33.01	Pass
			24	23.50	4.60	28.10	<=33.01	Pass
		12	0	22.33	4.60	26.93	<=33.01	Pass
			6	22.31	4.60	26.91	<=33.01	Pass
			13	22.33	4.60	26.93	<=33.01	Pass
		25	0	22.41	4.60	27.01	<=33.01	Pass
			0	23.66	4.60	28.26	<=33.01	Pass
			13	23.60	4.60	28.20	<=33.01	Pass
	1907.5	1	24	23.64	4.60	28.24	<=33.01	Pass
			0	22.37	4.60	26.97	<=33.01	Pass
			6	22.36	4.60	26.96	<=33.01	Pass
		12	13	22.36	4.60	26.96	<=33.01	Pass
			0	22.33	4.60	26.93	<=33.01	Pass
			25	0	22.33	26.93	<=33.01	Pass

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	24.19	4.60	28.79	<=33.01	Pass
			25	24.24	4.60	28.84	<=33.01	Pass
			49	24.24	4.60	28.84	<=33.01	Pass
		25	0	23.21	4.60	27.81	<=33.01	Pass
			13	23.25	4.60	27.85	<=33.01	Pass
			25	23.24	4.60	27.84	<=33.01	Pass
		50	0	23.30	4.60	27.90	<=33.01	Pass
			0	24.36	4.60	28.96	<=33.01	Pass
			25	24.38	4.60	28.98	<=33.01	Pass
	1880	1	49	24.36	4.60	28.96	<=33.01	Pass
			0	23.35	4.60	27.95	<=33.01	Pass
			13	23.39	4.60	27.99	<=33.01	Pass



	1905	50	25	23.43	4.60	28.03	<=33.01	Pass
			0	23.40	4.60	28.00	<=33.01	Pass
			0	24.36	4.60	28.96	<=33.01	Pass
		1	25	24.40	4.60	29.00	<=33.01	Pass
			49	24.36	4.60	28.96	<=33.01	Pass
			0	23.36	4.60	27.96	<=33.01	Pass
		25	13	23.36	4.60	27.96	<=33.01	Pass
			25	23.41	4.60	28.01	<=33.01	Pass
			0	23.41	4.60	28.01	<=33.01	Pass
		50	0	23.41	4.60	28.01	<=33.01	Pass
16QAM	1855	1	0	23.37	4.60	27.97	<=33.01	Pass
			25	23.42	4.60	28.02	<=33.01	Pass
			49	23.40	4.60	28.00	<=33.01	Pass
		12	0	23.24	4.60	27.84	<=33.01	Pass
			19	23.23	4.60	27.83	<=33.01	Pass
			38	23.26	4.60	27.86	<=33.01	Pass
		27	0	22.23	4.60	26.83	<=33.01	Pass
	1880	1	0	23.92	4.60	28.52	<=33.01	Pass
			25	23.93	4.60	28.53	<=33.01	Pass
			49	23.92	4.60	28.52	<=33.01	Pass
		12	0	23.37	4.60	27.97	<=33.01	Pass
			19	23.44	4.60	28.04	<=33.01	Pass
			38	23.45	4.60	28.05	<=33.01	Pass
		27	0	22.28	4.60	26.88	<=33.01	Pass
	1905	1	0	23.39	4.60	27.99	<=33.01	Pass
			25	23.42	4.60	28.02	<=33.01	Pass
			49	23.40	4.60	28.00	<=33.01	Pass
		12	0	23.40	4.60	28.00	<=33.01	Pass
			19	23.43	4.60	28.03	<=33.01	Pass
			38	23.45	4.60	28.05	<=33.01	Pass
		27	23	22.42	4.60	27.02	<=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	24.07	4.60	28.67	<=33.01	Pass
			38	24.18	4.60	28.78	<=33.01	Pass
			74	24.17	4.60	28.77	<=33.01	Pass
		36	0	23.10	4.60	27.70	<=33.01	Pass
			18	23.19	4.60	27.79	<=33.01	Pass
			39	23.16	4.60	27.76	<=33.01	Pass
		75	0	23.17	4.60	27.77	<=33.01	Pass
	1880	1	0	24.28	4.60	28.88	<=33.01	Pass
			38	24.33	4.60	28.93	<=33.01	Pass
			74	24.27	4.60	28.87	<=33.01	Pass
		36	0	23.32	4.60	27.92	<=33.01	Pass
			18	23.29	4.60	27.89	<=33.01	Pass
			39	23.33	4.60	27.93	<=33.01	Pass
		75	0	23.32	4.60	27.92	<=33.01	Pass
	1902.5	1	0	24.30	4.60	28.90	<=33.01	Pass
			38	24.33	4.60	28.93	<=33.01	Pass
			74	24.36	4.60	28.96	<=33.01	Pass
		36	0	23.36	4.60	27.96	<=33.01	Pass
			18	23.39	4.60	27.99	<=33.01	Pass
			39	23.41	4.60	28.01	<=33.01	Pass
		75	0	23.43	4.60	28.03	<=33.01	Pass



16QAM	1857.5	1	0	23.53	4.60	28.13	<=33.01	Pass
			38	23.61	4.60	28.21	<=33.01	Pass
			74	23.62	4.60	28.22	<=33.01	Pass
		12	0	23.09	4.60	27.69	<=33.01	Pass
			31	23.20	4.60	27.80	<=33.01	Pass
			63	23.20	4.60	27.80	<=33.01	Pass
		27	0	22.16	4.60	26.76	<=33.01	Pass
	1880	1	0	23.47	4.60	28.07	<=33.01	Pass
			38	23.52	4.60	28.12	<=33.01	Pass
			74	23.47	4.60	28.07	<=33.01	Pass
		12	0	23.28	4.60	27.88	<=33.01	Pass
			31	23.36	4.60	27.96	<=33.01	Pass
			63	23.34	4.60	27.94	<=33.01	Pass
		27	0	22.36	4.60	26.96	<=33.01	Pass
	1902.5	1	0	23.84	4.60	28.44	<=33.01	Pass
			38	23.89	4.60	28.49	<=33.01	Pass
			74	23.83	4.60	28.43	<=33.01	Pass
		12	0	23.38	4.60	27.98	<=33.01	Pass
			31	23.41	4.60	28.01	<=33.01	Pass
			63	23.41	4.60	28.01	<=33.01	Pass
		27	48	22.33	4.60	26.93	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.10	4.60	28.70	<=33.01	Pass
			50	24.24	4.60	28.84	<=33.01	Pass
			99	24.29	4.60	28.89	<=33.01	Pass
		50	0	23.14	4.60	27.74	<=33.01	Pass
			25	23.22	4.60	27.82	<=33.01	Pass
			50	23.27	4.60	27.87	<=33.01	Pass
		100	0	23.21	4.60	27.81	<=33.01	Pass
	1880	1	0	24.20	4.60	28.80	<=33.01	Pass
			50	24.33	4.60	28.93	<=33.01	Pass
			99	24.25	4.60	28.85	<=33.01	Pass
		50	0	23.32	4.60	27.92	<=33.01	Pass
			25	23.37	4.60	27.97	<=33.01	Pass
			50	23.41	4.60	28.01	<=33.01	Pass
		100	0	23.35	4.60	27.95	<=33.01	Pass
	1900	1	0	24.20	4.60	28.80	<=33.01	Pass
			50	24.34	4.60	28.94	<=33.01	Pass
			99	24.29	4.60	28.89	<=33.01	Pass
		50	0	23.49	4.60	28.09	<=33.01	Pass
			25	23.39	4.60	27.99	<=33.01	Pass
			50	23.46	4.60	28.06	<=33.01	Pass
		100	0	23.50	4.60	28.10	<=33.01	Pass
16QAM	1860	1	0	23.40	4.60	28.00	<=33.01	Pass
			50	23.50	4.60	28.10	<=33.01	Pass
			99	23.53	4.60	28.13	<=33.01	Pass
		12	0	23.11	4.60	27.71	<=33.01	Pass
			44	23.22	4.60	27.82	<=33.01	Pass
			88	23.28	4.60	27.88	<=33.01	Pass
		27	0	22.01	4.60	26.61	<=33.01	Pass
	1880	1	0	23.84	4.60	28.44	<=33.01	Pass
			50	23.91	4.60	28.51	<=33.01	Pass



		12	99	23.86	4.60	28.46	<=33.01	Pass
			0	23.25	4.60	27.85	<=33.01	Pass
			44	23.36	4.60	27.96	<=33.01	Pass
			88	23.30	4.60	27.90	<=33.01	Pass
	1900	27	0	22.27	4.60	26.87	<=33.01	Pass
		1	0	23.42	4.60	28.02	<=33.01	Pass
			50	23.56	4.60	28.16	<=33.01	Pass
			99	23.51	4.60	28.11	<=33.01	Pass
		12	0	23.24	4.60	27.84	<=33.01	Pass
			44	23.31	4.60	27.91	<=33.01	Pass
			88	23.29	4.60	27.89	<=33.01	Pass
			73	22.32	4.60	26.92	<=33.01	Pass
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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	6.223	0.0034	-2.5 to 2.5	Pass
					3.85	4.020	0.0022	-2.5 to 2.5	Pass
					4.43	4.621	0.0025	-2.5 to 2.5	Pass
				-30	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.347	0.0018	-2.5 to 2.5	Pass
				-10	3.85	8.426	0.0046	-2.5 to 2.5	Pass
				0	3.85	3.805	0.0021	-2.5 to 2.5	Pass
				10	3.85	3.648	0.0020	-2.5 to 2.5	Pass
				30	3.85	2.503	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	4.935	0.0026	-2.5 to 2.5	Pass
					3.85	7.954	0.0042	-2.5 to 2.5	Pass
					4.43	0.687	0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.078	0.0027	-2.5 to 2.5	Pass
				-20	3.85	4.935	0.0026	-2.5 to 2.5	Pass
				-10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0015	-2.5 to 2.5	Pass
				10	3.85	4.535	0.0024	-2.5 to 2.5	Pass
				30	3.85	8.540	0.0045	-2.5 to 2.5	Pass
				40	3.85	6.881	0.0037	-2.5 to 2.5	Pass
				50	3.85	9.928	0.0053	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	4.506	0.0024	-2.5 to 2.5	Pass
					3.85	5.207	0.0027	-2.5 to 2.5	Pass
					4.43	-1.030	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.904	0.0015	-2.5 to 2.5	Pass
				-20	3.85	8.855	0.0046	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				0	3.85	4.048	0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				40	3.85	1.745	0.0009	-2.5 to 2.5	Pass
				50	3.85	6.738	0.0035	-2.5 to 2.5	Pass



16QAM	1850.7	6	0	20	3.27	5.379	0.0029	-2.5 to 2.5	Pass
					3.85	8.054	0.0044	-2.5 to 2.5	Pass
					4.43	-0.844	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	3.963	0.0021	-2.5 to 2.5	Pass
				-20	3.85	5.178	0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				0	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				10	3.85	5.007	0.0027	-2.5 to 2.5	Pass
				30	3.85	9.785	0.0053	-2.5 to 2.5	Pass
				40	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	6.652	0.0035	-2.5 to 2.5	Pass
					3.85	0.830	0.0004	-2.5 to 2.5	Pass
					4.43	0.529	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				-20	3.85	5.093	0.0027	-2.5 to 2.5	Pass
				-10	3.85	3.648	0.0019	-2.5 to 2.5	Pass
				0	3.85	8.326	0.0044	-2.5 to 2.5	Pass
				10	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				30	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				40	3.85	11.559	0.0061	-2.5 to 2.5	Pass
				50	3.85	9.084	0.0048	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	1.116	0.0006	-2.5 to 2.5	Pass
					3.85	4.578	0.0024	-2.5 to 2.5	Pass
					4.43	3.333	0.0017	-2.5 to 2.5	Pass
				-30	3.85	4.148	0.0022	-2.5 to 2.5	Pass
				-20	3.85	7.095	0.0037	-2.5 to 2.5	Pass
				-10	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0004	-2.5 to 2.5	Pass
				40	3.85	5.722	0.0030	-2.5 to 2.5	Pass
				50	3.85	1.960	0.0010	-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	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.85	1.874	0.0010	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	4.721	0.0025	-2.5 to 2.5	Pass
				-20	3.85	8.025	0.0043	-2.5 to 2.5	Pass
				-10	3.85	3.476	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.878	0.0026	-2.5 to 2.5	Pass
				10	3.85	9.670	0.0052	-2.5 to 2.5	Pass
				30	3.85	6.537	0.0035	-2.5 to 2.5	Pass
				40	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				50	3.85	7.510	0.0041	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	6.251	0.0033	-2.5 to 2.5	Pass
					3.85	6.623	0.0035	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass
				-30	3.85	5.021	0.0027	-2.5 to 2.5	Pass
				-20	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				-10	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				0	3.85	5.779	0.0031	-2.5 to 2.5	Pass
				10	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass



16QAM	1908.5	15	0	30	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-5.121	-0.0027	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				20	3.27	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.85	0.615	0.0003	-2.5 to 2.5	Pass
					4.43	4.749	0.0025	-2.5 to 2.5	Pass
				-30	3.85	11.187	0.0059	-2.5 to 2.5	Pass
				-20	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				-10	3.85	8.383	0.0044	-2.5 to 2.5	Pass
				0	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				10	3.85	7.811	0.0041	-2.5 to 2.5	Pass
				30	3.85	2.561	0.0013	-2.5 to 2.5	Pass
				40	3.85	6.638	0.0035	-2.5 to 2.5	Pass
				50	3.85	4.191	0.0022	-2.5 to 2.5	Pass
	1851.5	15	0	20	3.27	2.418	0.0013	-2.5 to 2.5	Pass
					3.85	4.892	0.0026	-2.5 to 2.5	Pass
					4.43	5.894	0.0032	-2.5 to 2.5	Pass
				-30	3.85	5.922	0.0032	-2.5 to 2.5	Pass
				-20	3.85	3.934	0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				0	3.85	7.353	0.0040	-2.5 to 2.5	Pass
				10	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0005	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	9.398	0.0050	-2.5 to 2.5	Pass
					3.85	3.834	0.0020	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	7.582	0.0040	-2.5 to 2.5	Pass
				-20	3.85	7.138	0.0038	-2.5 to 2.5	Pass
				-10	3.85	5.808	0.0031	-2.5 to 2.5	Pass
				0	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				10	3.85	7.224	0.0038	-2.5 to 2.5	Pass
				30	3.85	9.899	0.0053	-2.5 to 2.5	Pass
				40	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				50	3.85	6.995	0.0037	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	7.267	0.0038	-2.5 to 2.5	Pass
					3.85	5.937	0.0031	-2.5 to 2.5	Pass
					4.43	7.381	0.0039	-2.5 to 2.5	Pass
				-30	3.85	7.453	0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				0	3.85	4.048	0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
				30	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				40	3.85	5.450	0.0029	-2.5 to 2.5	Pass
				50	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-2.861	-0.0015	-2.5 to 2.5	Pass
					3.85	2.861	0.0015	-2.5 to 2.5	Pass
					4.43	4.492	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass



				-10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				0	3.85	4.249	0.0023	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	2.260	0.0012	-2.5 to 2.5	Pass
					3.85	4.935	0.0026	-2.5 to 2.5	Pass
					4.43	2.432	0.0013	-2.5 to 2.5	Pass
				-30	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.950	0.0026	-2.5 to 2.5	Pass
				-10	3.85	5.593	0.0030	-2.5 to 2.5	Pass
				0	3.85	5.922	0.0032	-2.5 to 2.5	Pass
				10	3.85	5.093	0.0027	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				40	3.85	6.509	0.0035	-2.5 to 2.5	Pass
				50	3.85	7.553	0.0040	-2.5 to 2.5	Pass
				20	3.27	7.567	0.0040	-2.5 to 2.5	Pass
					3.85	8.168	0.0043	-2.5 to 2.5	Pass
					4.43	2.646	0.0014	-2.5 to 2.5	Pass
	1907.5	25	0	-30	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				-20	3.85	5.193	0.0027	-2.5 to 2.5	Pass
				-10	3.85	5.608	0.0029	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				30	3.85	5.722	0.0030	-2.5 to 2.5	Pass
				40	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	8.626	0.0047	-2.5 to 2.5	Pass
					3.85	7.210	0.0039	-2.5 to 2.5	Pass
					4.43	6.094	0.0033	-2.5 to 2.5	Pass
				-30	3.85	5.922	0.0032	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.85	2.761	0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.687	0.0004	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	1.945	0.0010	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	5.064	0.0027	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				0	3.85	4.334	0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				30	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.275	0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	0.858	0.0004	-2.5 to 2.5	Pass
					3.85	1.774	0.0009	-2.5 to 2.5	Pass
					4.43	7.639	0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass



				40	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-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	-5.035	-0.0027	-2.5 to 2.5	Pass
					3.85	3.762	0.0020	-2.5 to 2.5	Pass
					4.43	5.350	0.0029	-2.5 to 2.5	Pass
				-30	3.85	3.991	0.0022	-2.5 to 2.5	Pass
				-20	3.85	6.766	0.0036	-2.5 to 2.5	Pass
				-10	3.85	3.920	0.0021	-2.5 to 2.5	Pass
				0	3.85	5.379	0.0029	-2.5 to 2.5	Pass
				10	3.85	3.262	0.0018	-2.5 to 2.5	Pass
				30	3.85	7.153	0.0039	-2.5 to 2.5	Pass
				40	3.85	5.579	0.0030	-2.5 to 2.5	Pass
				50	3.85	2.761	0.0015	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	3.362	0.0018	-2.5 to 2.5	Pass
					4.43	3.390	0.0018	-2.5 to 2.5	Pass
				-30	3.85	4.764	0.0025	-2.5 to 2.5	Pass
				-20	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.918	0.0016	-2.5 to 2.5	Pass
				0	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.877	0.0021	-2.5 to 2.5	Pass
				30	3.85	5.336	0.0028	-2.5 to 2.5	Pass
				40	3.85	5.121	0.0027	-2.5 to 2.5	Pass
				50	3.85	7.339	0.0039	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	0.730	0.0004	-2.5 to 2.5	Pass
					3.85	3.333	0.0017	-2.5 to 2.5	Pass
					4.43	2.904	0.0015	-2.5 to 2.5	Pass
				-30	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.745	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.874	0.0010	-2.5 to 2.5	Pass
				40	3.85	3.877	0.0020	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.27	4.220	0.0023	-2.5 to 2.5	Pass
					3.85	3.319	0.0018	-2.5 to 2.5	Pass
					4.43	4.635	0.0025	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	8.254	0.0044	-2.5 to 2.5	Pass
				-10	3.85	5.035	0.0027	-2.5 to 2.5	Pass
				0	3.85	3.877	0.0021	-2.5 to 2.5	Pass
				10	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				40	3.85	5.422	0.0029	-2.5 to 2.5	Pass
				50	3.85	7.753	0.0042	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	2.460	0.0013	-2.5 to 2.5	Pass
					3.85	6.266	0.0033	-2.5 to 2.5	Pass
					4.43	2.832	0.0015	-2.5 to 2.5	Pass
				-30	3.85	6.080	0.0032	-2.5 to 2.5	Pass
				-20	3.85	4.463	0.0024	-2.5 to 2.5	Pass
				-10	3.85	6.909	0.0037	-2.5 to 2.5	Pass



				0	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				30	3.85	4.878	0.0026	-2.5 to 2.5	Pass
				40	3.85	8.140	0.0043	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
	1905	27	23	20	3.27	1.588	0.0008	-2.5 to 2.5	Pass
					3.85	6.108	0.0032	-2.5 to 2.5	Pass
					4.43	8.554	0.0045	-2.5 to 2.5	Pass
				-30	3.85	3.648	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.802	0.0009	-2.5 to 2.5	Pass
				0	3.85	6.866	0.0036	-2.5 to 2.5	Pass
				10	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				30	3.85	6.580	0.0035	-2.5 to 2.5	Pass
				40	3.85	7.267	0.0038	-2.5 to 2.5	Pass
				50	3.85	3.834	0.0020	-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	2.375	0.0013	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.302	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.260	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	3.691	0.0020	-2.5 to 2.5	Pass
					3.85	5.050	0.0027	-2.5 to 2.5	Pass
					4.43	3.748	0.0020	-2.5 to 2.5	Pass
				-30	3.85	4.849	0.0026	-2.5 to 2.5	Pass
				-20	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				-10	3.85	3.819	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.518	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-2.160	-0.0011	-2.5 to 2.5	Pass
					3.85	3.548	0.0019	-2.5 to 2.5	Pass
					4.43	0.358	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.875	0.0015	-2.5 to 2.5	Pass
				0	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				10	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				30	3.85	2.518	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.718	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.516	0.0008	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.27	-1.173	-0.0006	-2.5 to 2.5	Pass
					3.85	0.372	0.0002	-2.5 to 2.5	Pass
					4.43	1.545	0.0008	-2.5 to 2.5	Pass



				-30	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.801	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	3.834	0.0020	-2.5 to 2.5	Pass
					3.85	0.873	0.0005	-2.5 to 2.5	Pass
					4.43	-1.087	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				1902.5	27	48	20	3.27	3.119
	3.85	3.505	0.0018					-2.5 to 2.5	Pass
	4.43	6.280	0.0033					-2.5 to 2.5	Pass
	-30	3.85	5.779				0.0030	-2.5 to 2.5	Pass
	-20	3.85	4.263				0.0022	-2.5 to 2.5	Pass
	-10	3.85	4.277				0.0022	-2.5 to 2.5	Pass
	0	3.85	6.495				0.0034	-2.5 to 2.5	Pass
	10	3.85	2.217				0.0012	-2.5 to 2.5	Pass
	30	3.85	4.191				0.0022	-2.5 to 2.5	Pass
	40	3.85	2.904				0.0015	-2.5 to 2.5	Pass
	50	3.85	1.717	0.0009	-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	1.745	0.0009	-2.5 to 2.5	Pass
					3.85	1.788	0.0010	-2.5 to 2.5	Pass
					4.43	1.402	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				40	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				50	3.85	2.890	0.0016	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	5.507	0.0029	-2.5 to 2.5	Pass
					3.85	7.024	0.0037	-2.5 to 2.5	Pass
					4.43	6.967	0.0037	-2.5 to 2.5	Pass
				-30	3.85	4.334	0.0023	-2.5 to 2.5	Pass
				-20	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				-10	3.85	7.610	0.0040	-2.5 to 2.5	Pass
				0	3.85	8.740	0.0046	-2.5 to 2.5	Pass
				10	3.85	5.851	0.0031	-2.5 to 2.5	Pass
				30	3.85	5.350	0.0028	-2.5 to 2.5	Pass
				40	3.85	4.063	0.0022	-2.5 to 2.5	Pass
				50	3.85	8.397	0.0045	-2.5 to 2.5	Pass



	1900	100	0	20	3.27	3.562	0.0019	-2.5 to 2.5	Pass
					3.85	4.349	0.0023	-2.5 to 2.5	Pass
					4.43	3.963	0.0021	-2.5 to 2.5	Pass
				-30	3.85	5.765	0.0030	-2.5 to 2.5	Pass
				-20	3.85	9.155	0.0048	-2.5 to 2.5	Pass
				-10	3.85	6.838	0.0036	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				50	3.85	1.373	0.0007	-2.5 to 2.5	Pass
16QAM	1860	27	0	20	3.27	5.865	0.0032	-2.5 to 2.5	Pass
					3.85	4.749	0.0026	-2.5 to 2.5	Pass
					4.43	5.851	0.0031	-2.5 to 2.5	Pass
				-30	3.85	4.921	0.0026	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.020	0.0022	-2.5 to 2.5	Pass
				0	3.85	6.995	0.0038	-2.5 to 2.5	Pass
				10	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				30	3.85	2.275	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.346	0.0013	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	4.349	0.0023	-2.5 to 2.5	Pass
					3.85	7.625	0.0041	-2.5 to 2.5	Pass
					4.43	5.336	0.0028	-2.5 to 2.5	Pass
				-30	3.85	6.609	0.0035	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-10	3.85	8.755	0.0047	-2.5 to 2.5	Pass
				0	3.85	7.224	0.0038	-2.5 to 2.5	Pass
				10	3.85	4.048	0.0022	-2.5 to 2.5	Pass
				30	3.85	4.678	0.0025	-2.5 to 2.5	Pass
				40	3.85	6.337	0.0034	-2.5 to 2.5	Pass
				50	3.85	5.407	0.0029	-2.5 to 2.5	Pass
	1900	27	73	20	3.27	-2.332	-0.0012	-2.5 to 2.5	Pass
					3.85	2.704	0.0014	-2.5 to 2.5	Pass
					4.43	0.329	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				40	3.85	5.736	0.0030	-2.5 to 2.5	Pass
				50	3.85	4.005	0.0021	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	1880	6	0	Refer To Test Graph	
					Pass



16QAM	1880	6	0	Refer To Test Graph	Pass
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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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

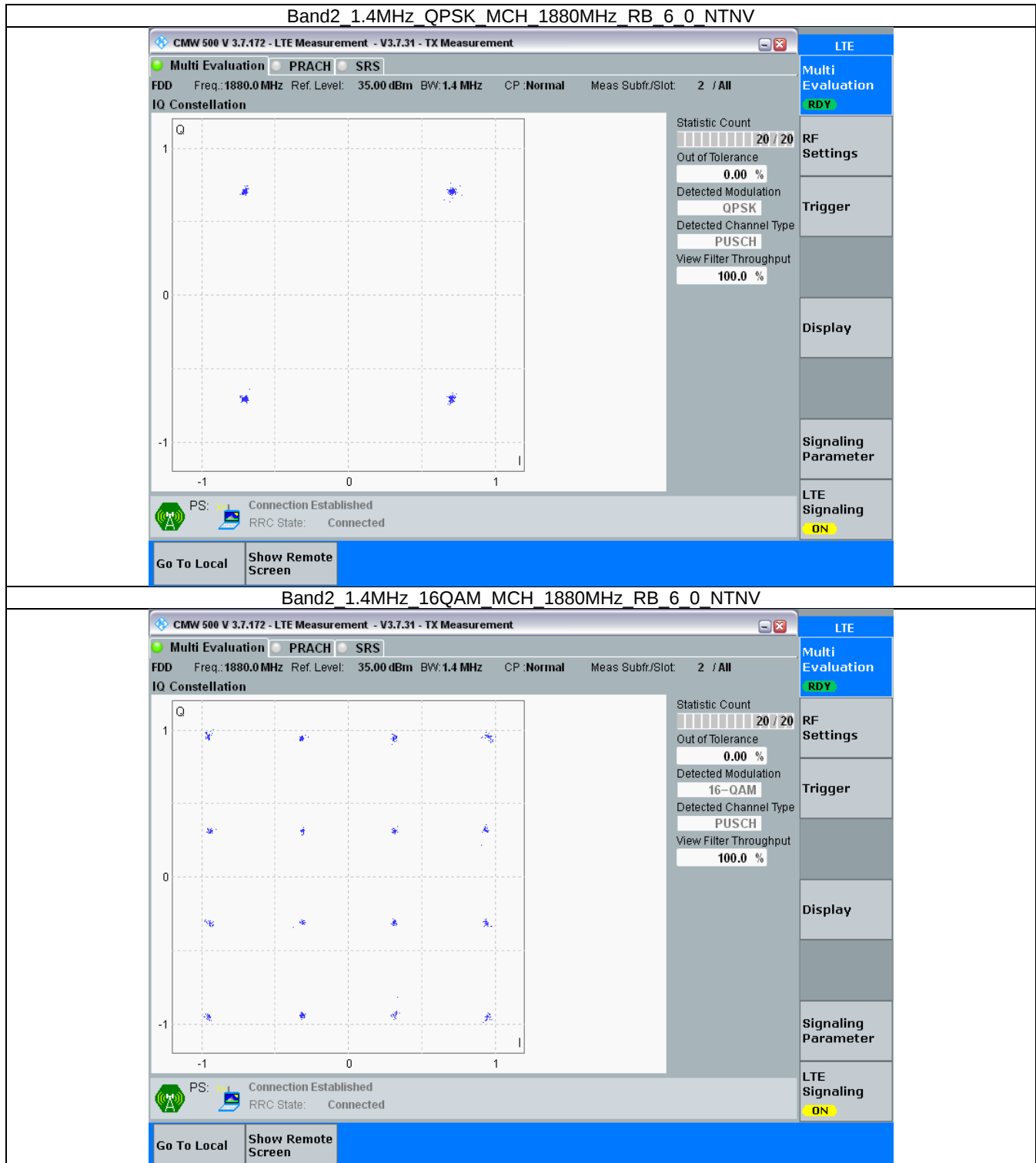
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

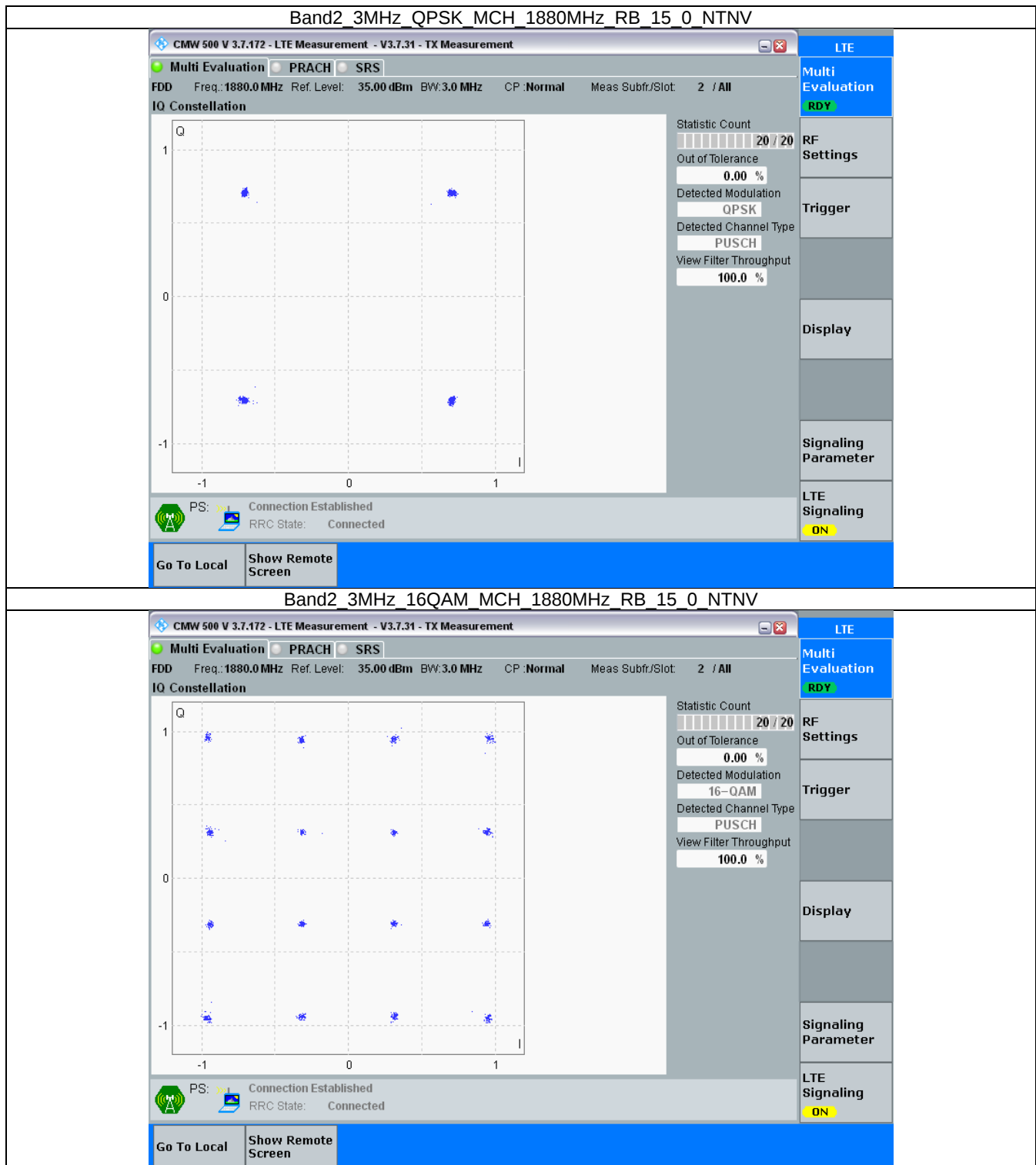
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.2 Test Graph

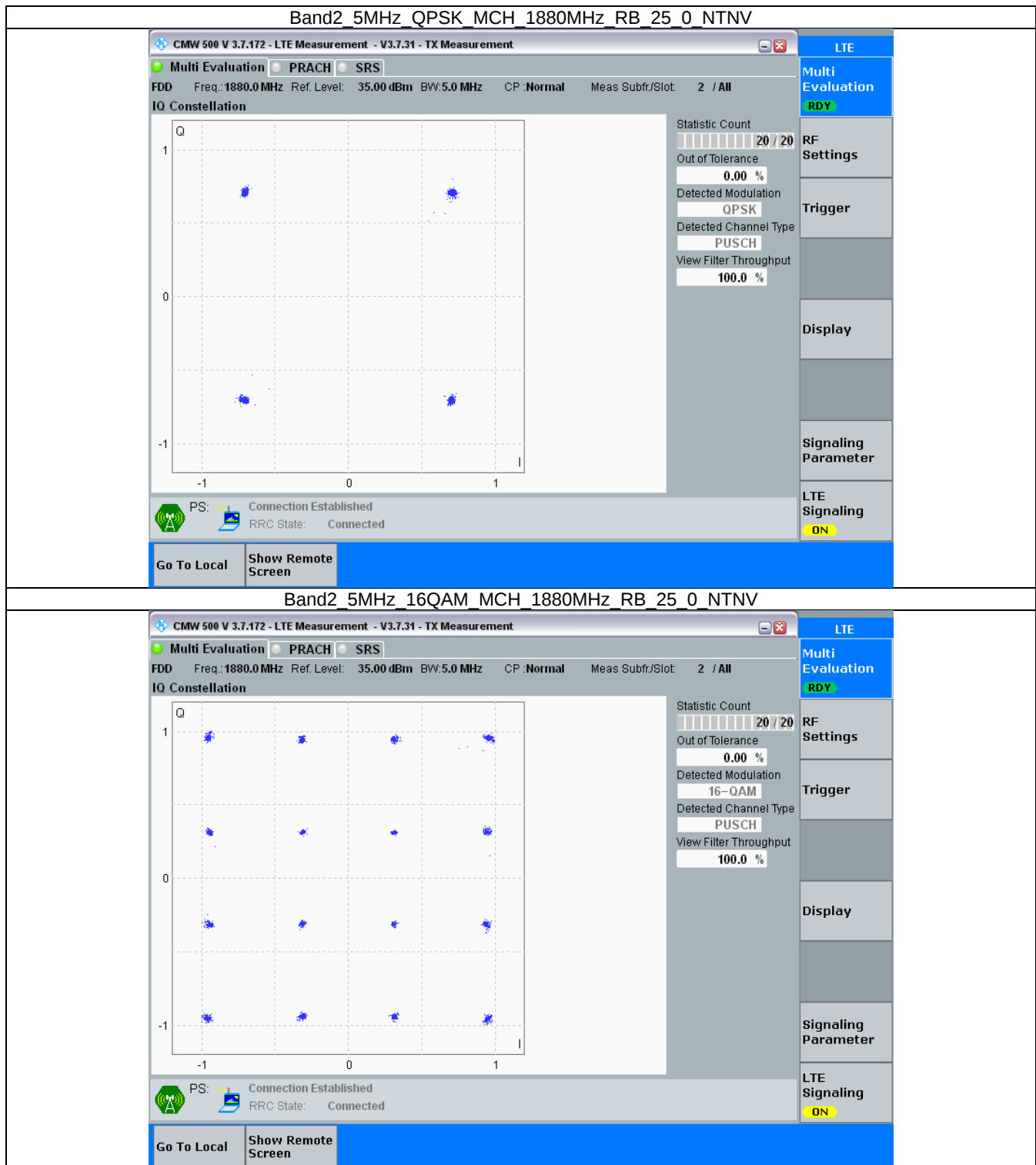
3.2.1 B2_1.4MHz



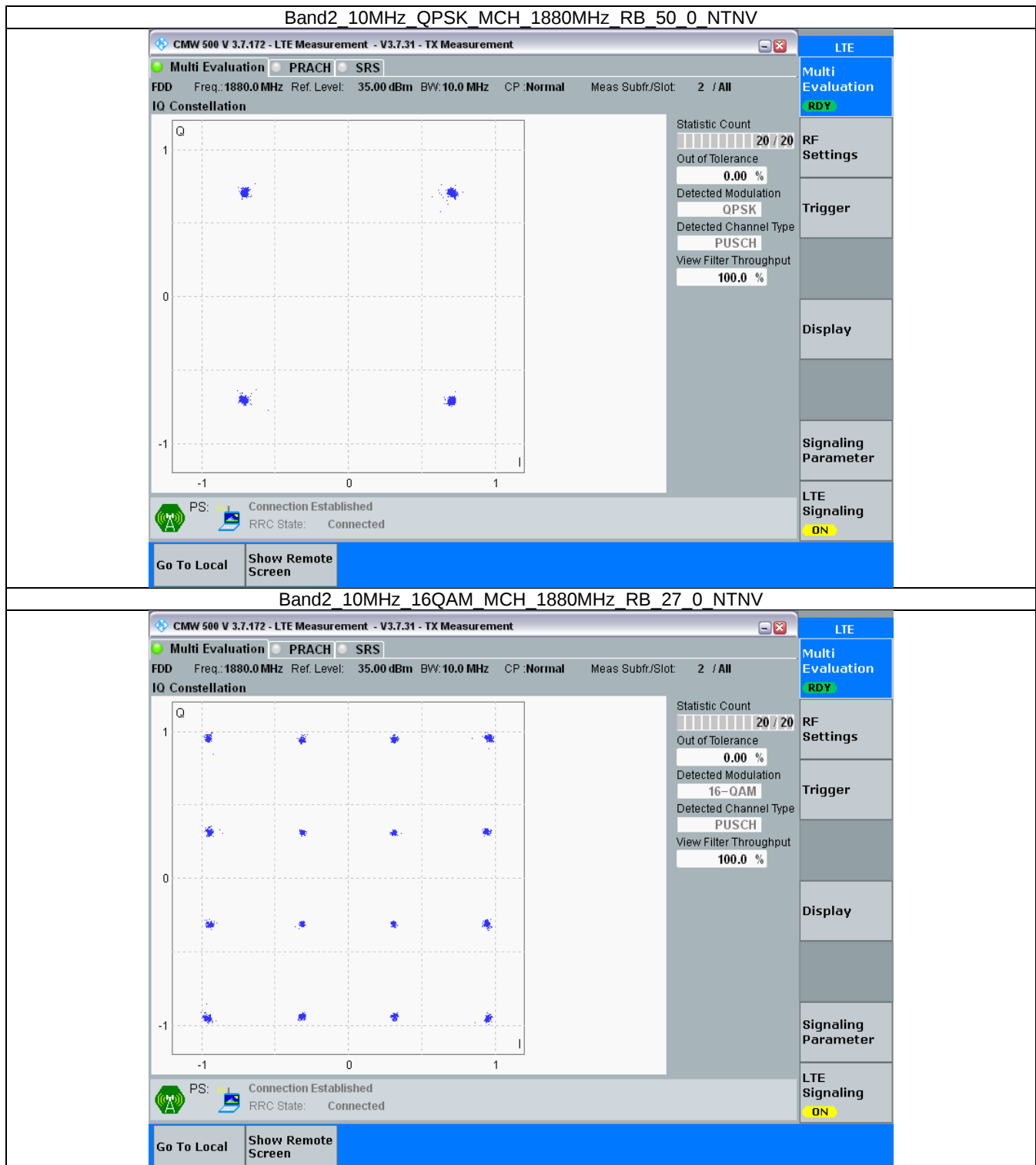
3.2.2 B2_3MHz



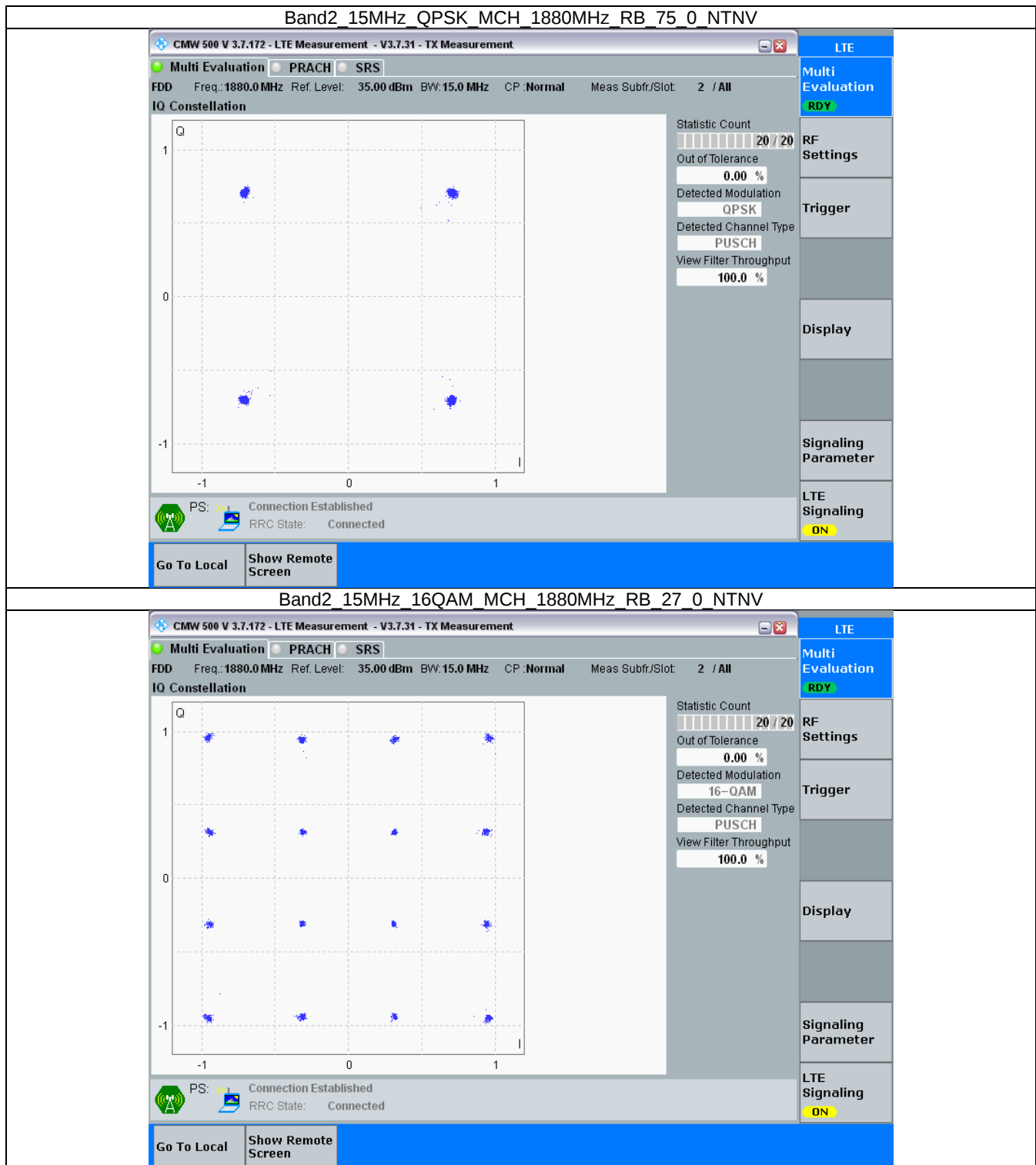
3.2.3 B2_5MHz



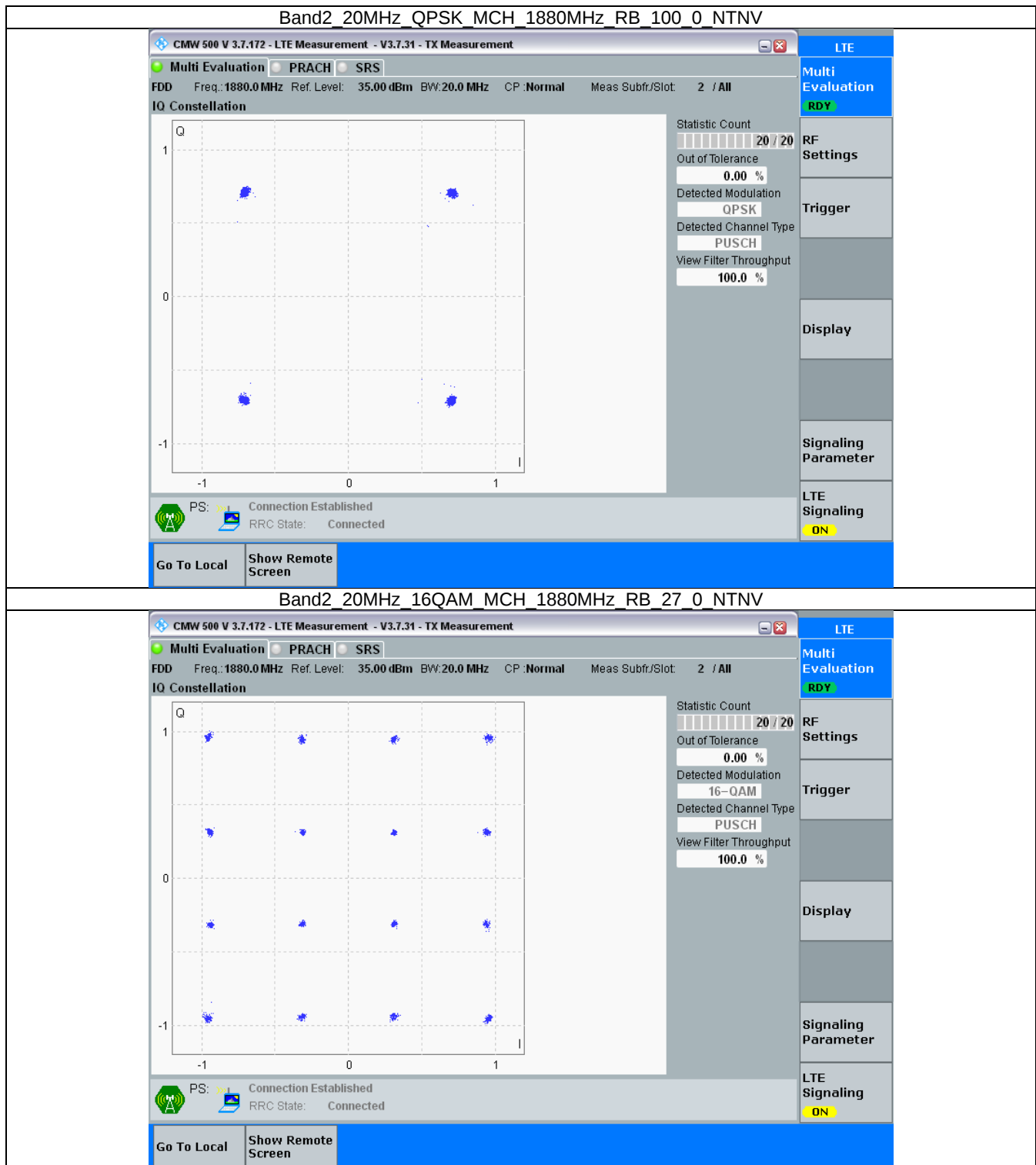
3.2.4 B2_10MHz



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	1.124	/	Pass
		1880	6	0	1.119	/	Pass
		1909.3	6	0	1.104	/	Pass
	16QAM	1850.7	6	0	1.118	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.111	/	Pass
3	QPSK	1851.5	15	0	2.734	/	Pass
		1880	15	0	2.736	/	Pass
		1908.5	15	0	2.733	/	Pass
	16QAM	1851.5	15	0	2.718	/	Pass
		1880	15	0	2.714	/	Pass
		1908.5	15	0	2.729	/	Pass
5	QPSK	1852.5	25	0	4.546	/	Pass
		1880	25	0	4.555	/	Pass
		1907.5	25	0	4.545	/	Pass
	16QAM	1852.5	25	0	4.561	/	Pass
		1880	25	0	4.540	/	Pass
		1907.5	25	0	4.534	/	Pass
10	QPSK	1855	50	0	9.032	/	Pass
		1880	50	0	9.067	/	Pass
		1905	50	0	9.048	/	Pass
	16QAM	1855	27	0	5.110	/	Pass
		1880	27	0	5.109	/	Pass
		1905	27	23	5.073	/	Pass
15	QPSK	1857.5	75	0	13.575	/	Pass
		1880	75	0	13.605	/	Pass
		1902.5	75	0	13.579	/	Pass
	16QAM	1857.5	27	0	5.291	/	Pass
		1880	27	0	5.332	/	Pass
		1902.5	27	48	5.281	/	Pass
20	QPSK	1860	100	0	18.093	/	Pass
		1880	100	0	18.117	/	Pass
		1900	100	0	18.192	/	Pass
	16QAM	1860	27	0	5.528	/	Pass
		1880	27	0	5.525	/	Pass
		1900	27	73	5.548	/	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	1.333	/	Pass
		1880	6	0	1.346	/	Pass
		1909.3	6	0	1.328	/	Pass

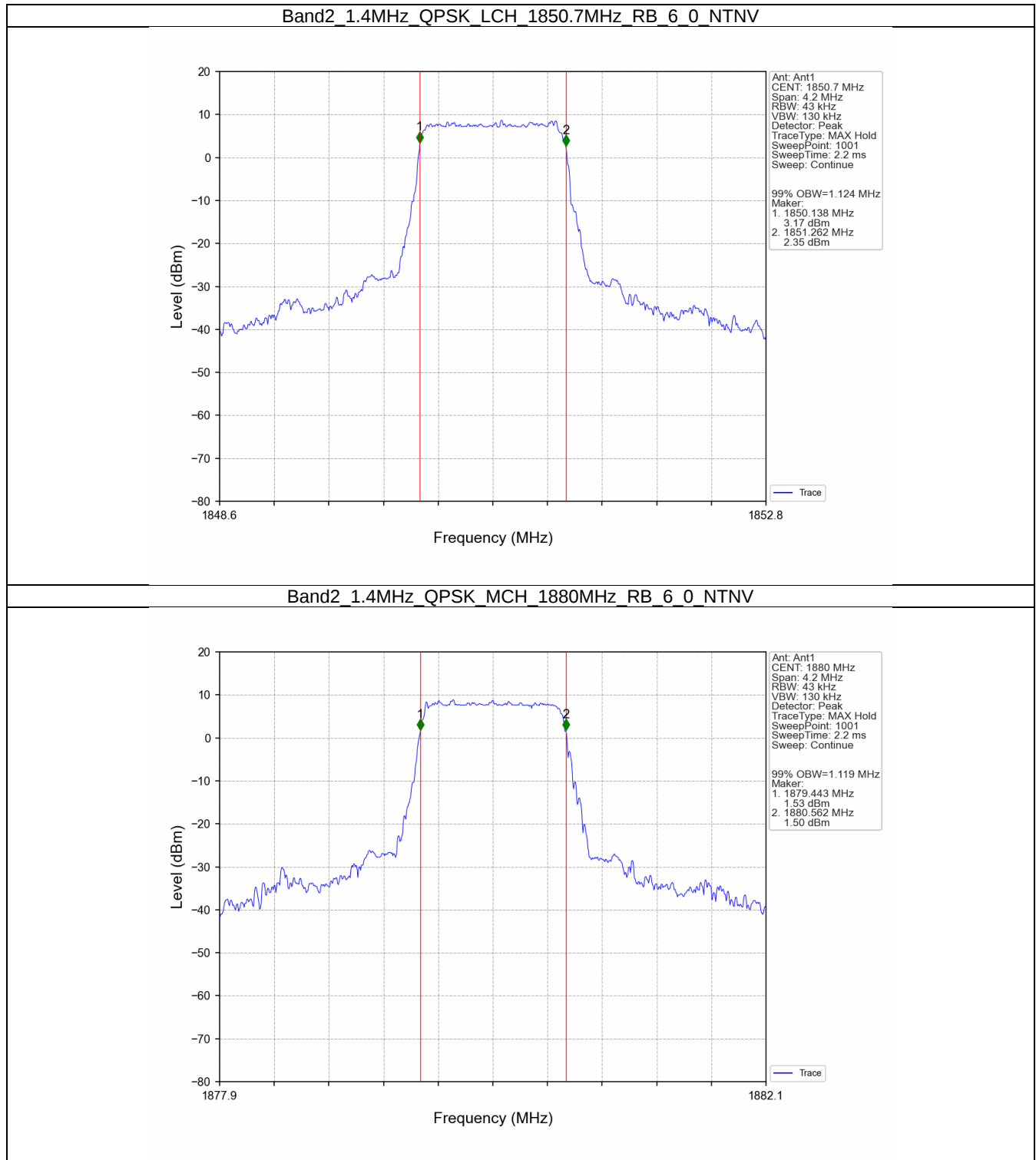


	16QAM	1850.7	6	0	1.333	/	Pass
		1880	6	0	1.311	/	Pass
		1909.3	6	0	1.330	/	Pass
3	QPSK	1851.5	15	0	3.033	/	Pass
		1880	15	0	3.015	/	Pass
		1908.5	15	0	3.008	/	Pass
	16QAM	1851.5	15	0	3.020	/	Pass
		1880	15	0	3.016	/	Pass
		1908.5	15	0	3.018	/	Pass
5	QPSK	1852.5	25	0	5.013	/	Pass
		1880	25	0	5.049	/	Pass
		1907.5	25	0	5.047	/	Pass
	16QAM	1852.5	25	0	5.022	/	Pass
		1880	25	0	5.048	/	Pass
		1907.5	25	0	5.068	/	Pass
10	QPSK	1855	50	0	10.036	/	Pass
		1880	50	0	10.043	/	Pass
		1905	50	0	9.919	/	Pass
	16QAM	1855	27	0	6.090	/	Pass
		1880	27	0	6.066	/	Pass
		1905	27	23	6.003	/	Pass
15	QPSK	1857.5	75	0	14.971	/	Pass
		1880	75	0	15.065	/	Pass
		1902.5	75	0	14.848	/	Pass
	16QAM	1857.5	27	0	6.609	/	Pass
		1880	27	0	6.654	/	Pass
		1902.5	27	48	6.636	/	Pass
20	QPSK	1860	100	0	19.674	/	Pass
		1880	100	0	20.042	/	Pass
		1900	100	0	19.799	/	Pass
	16QAM	1860	27	0	7.068	/	Pass
		1880	27	0	7.149	/	Pass
		1900	27	73	7.058	/	Pass



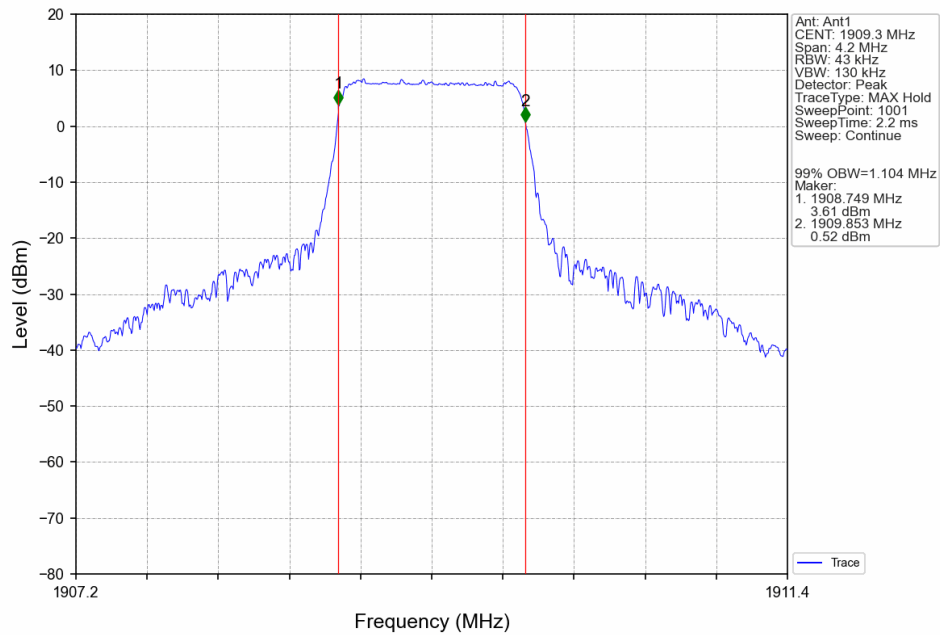
4.2 Test Graph

4.2.1 Band2_OBW

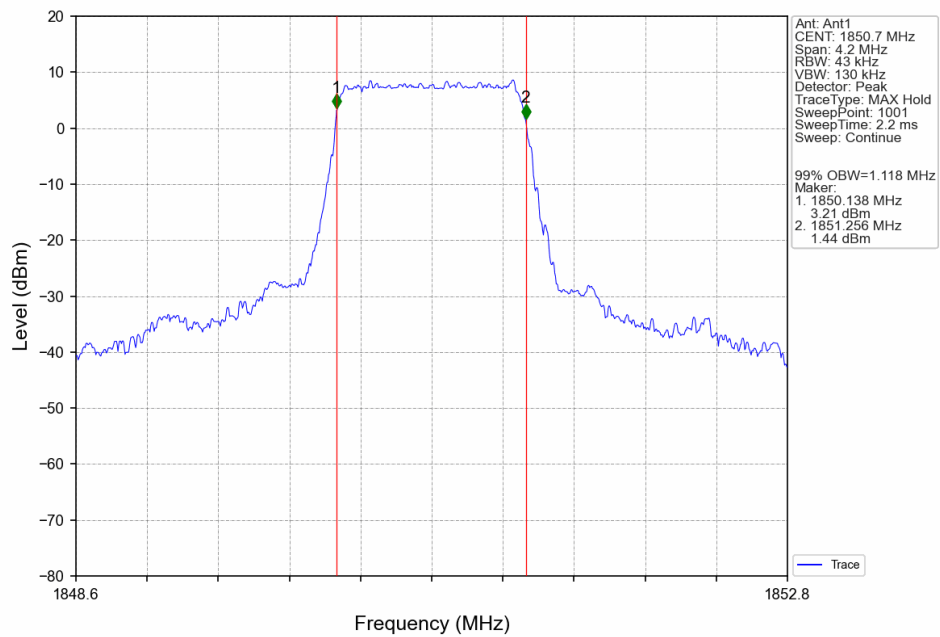




Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

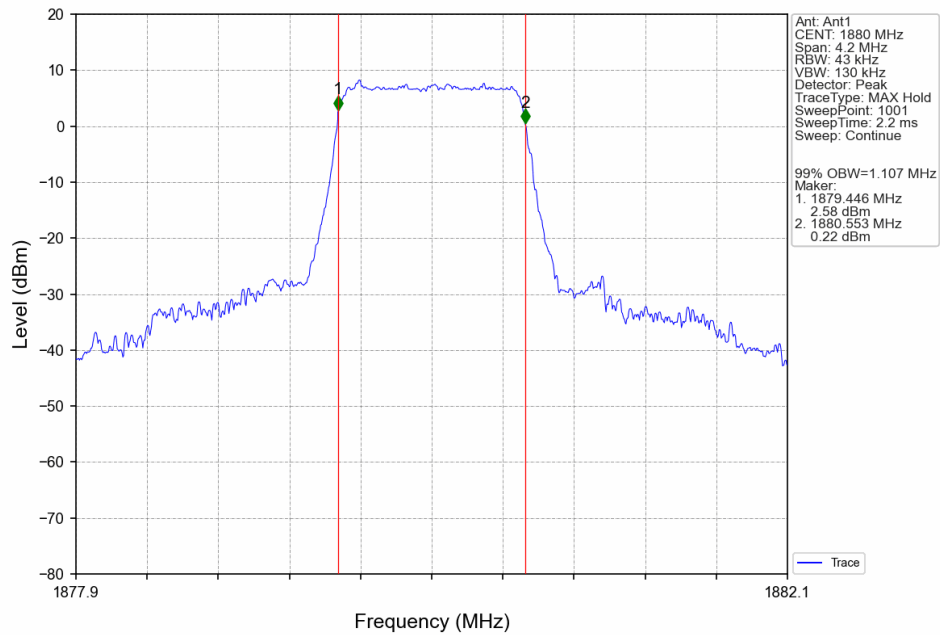


Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

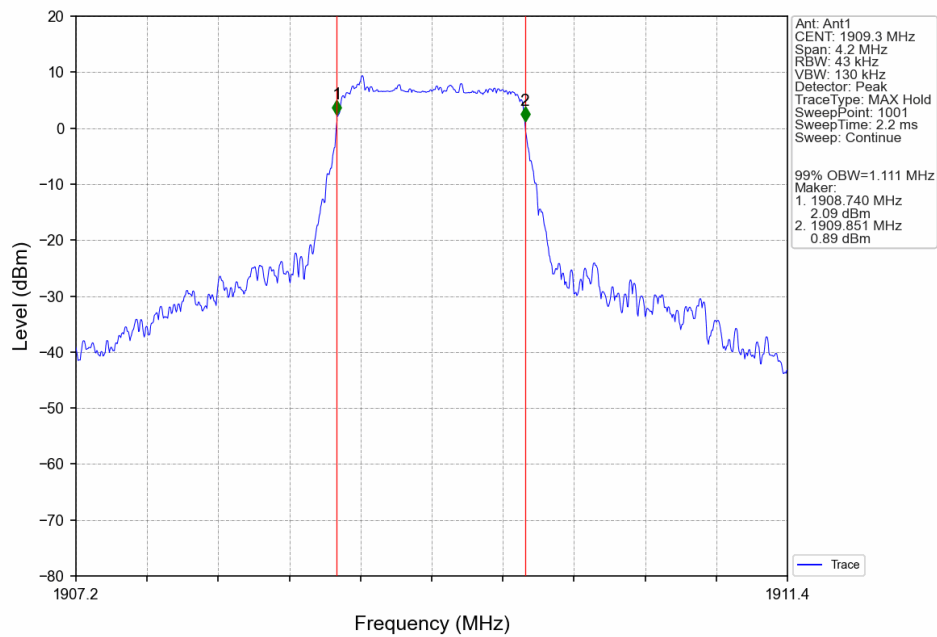




Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV

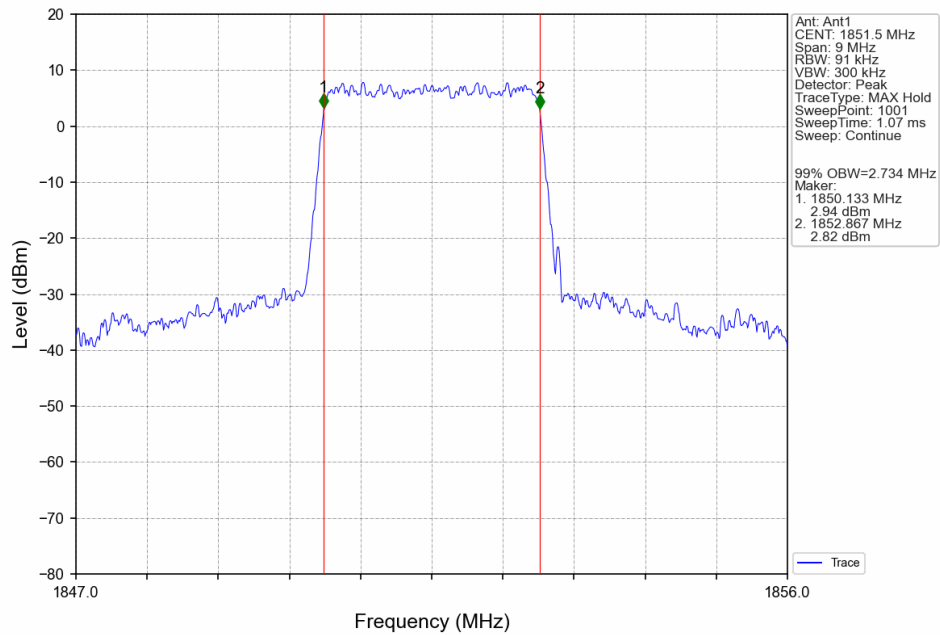


Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

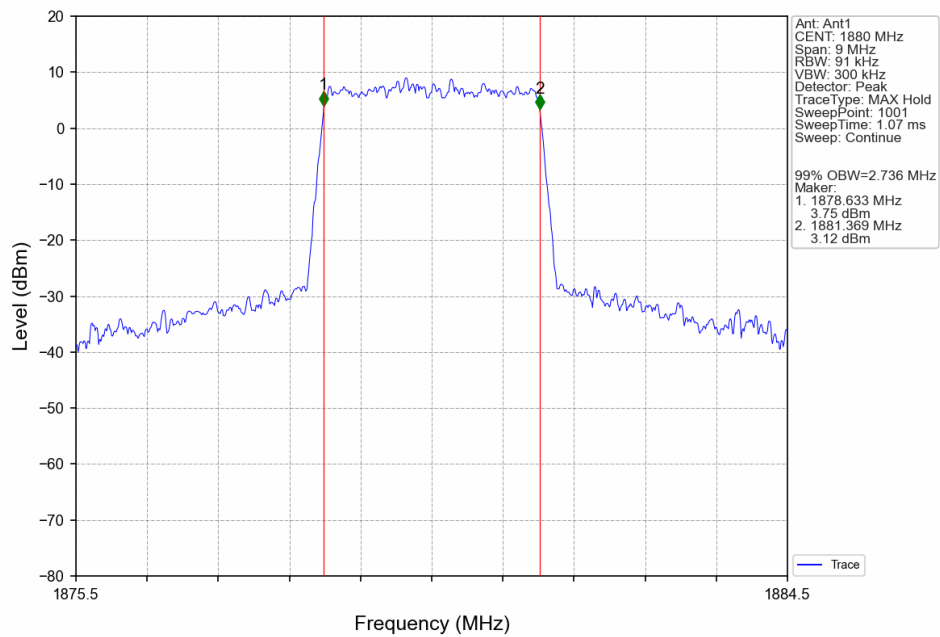




Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

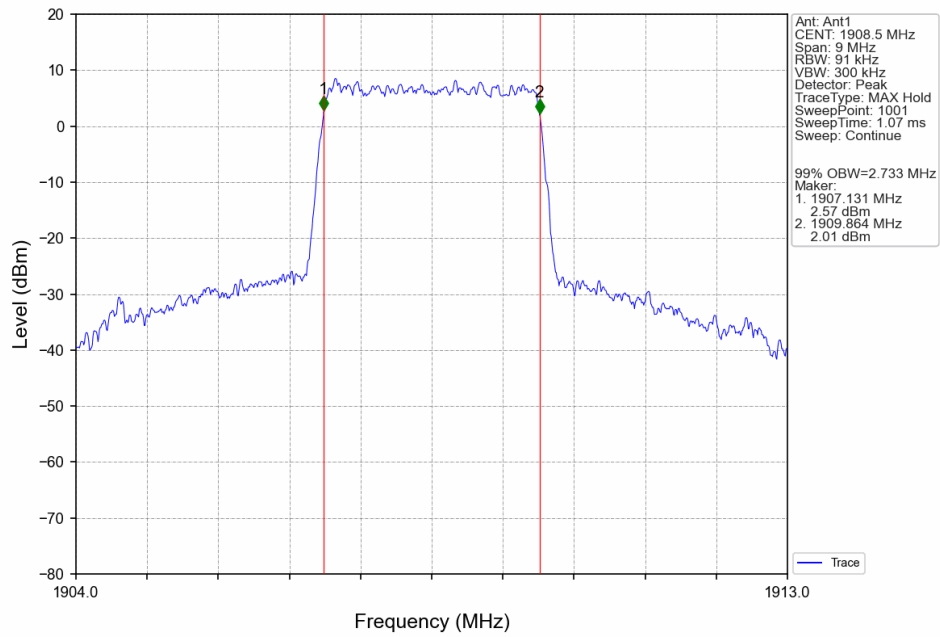


Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

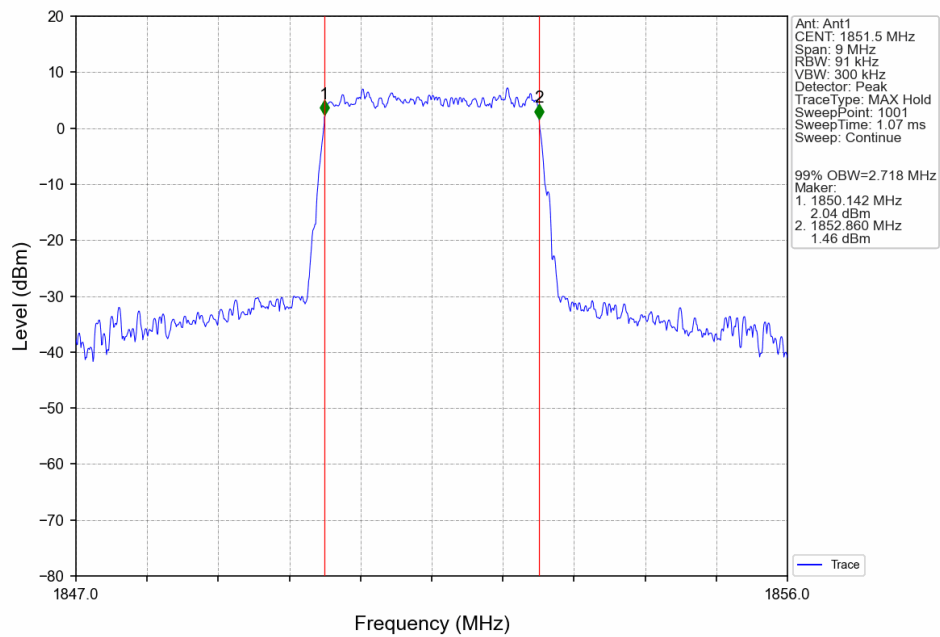




Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

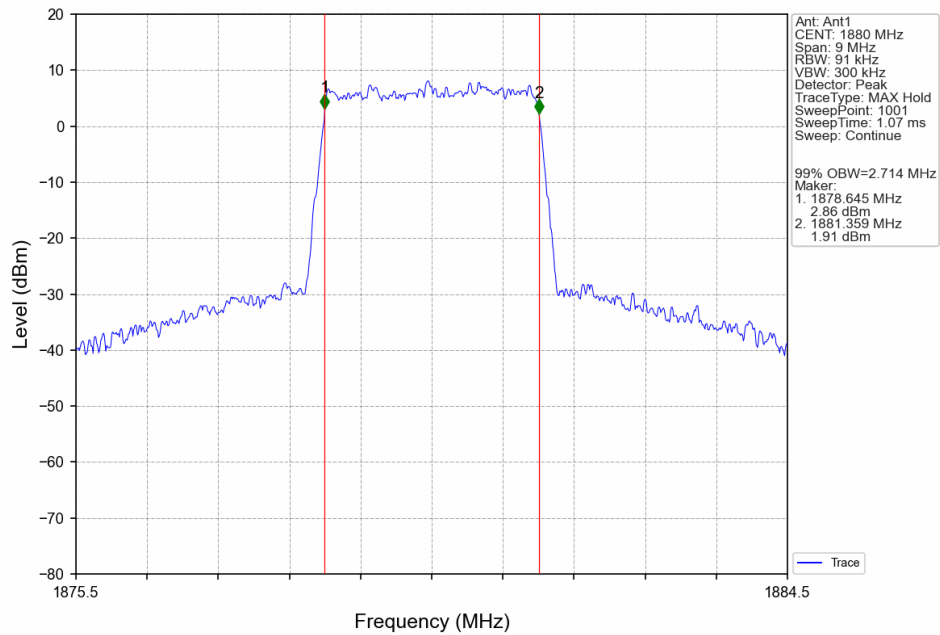


Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

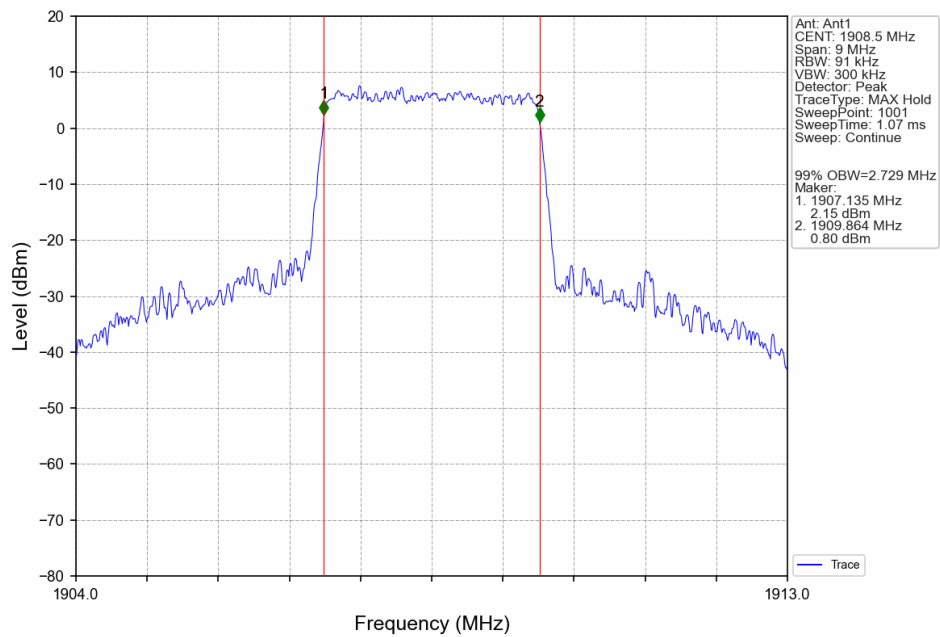




Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

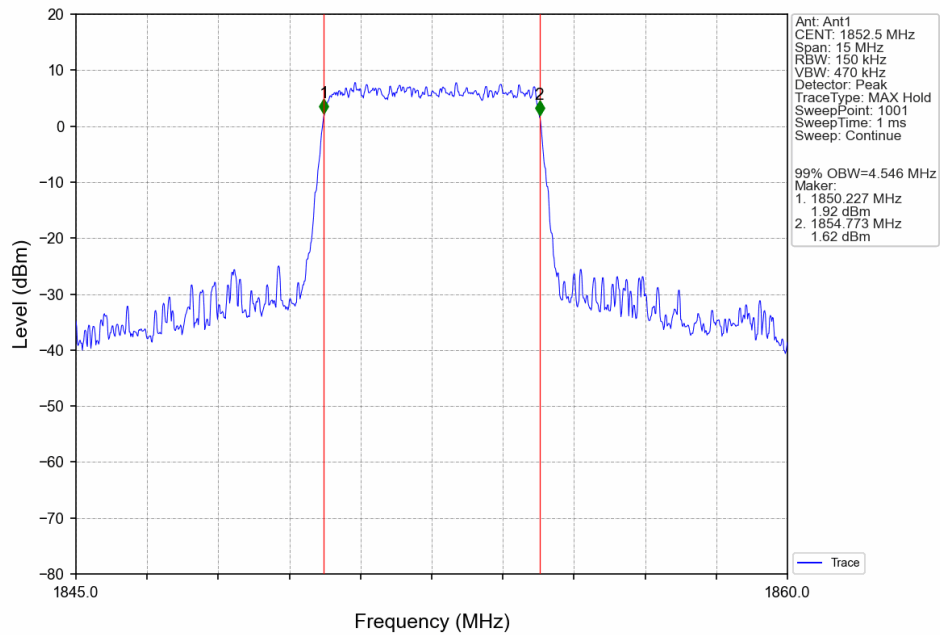


Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

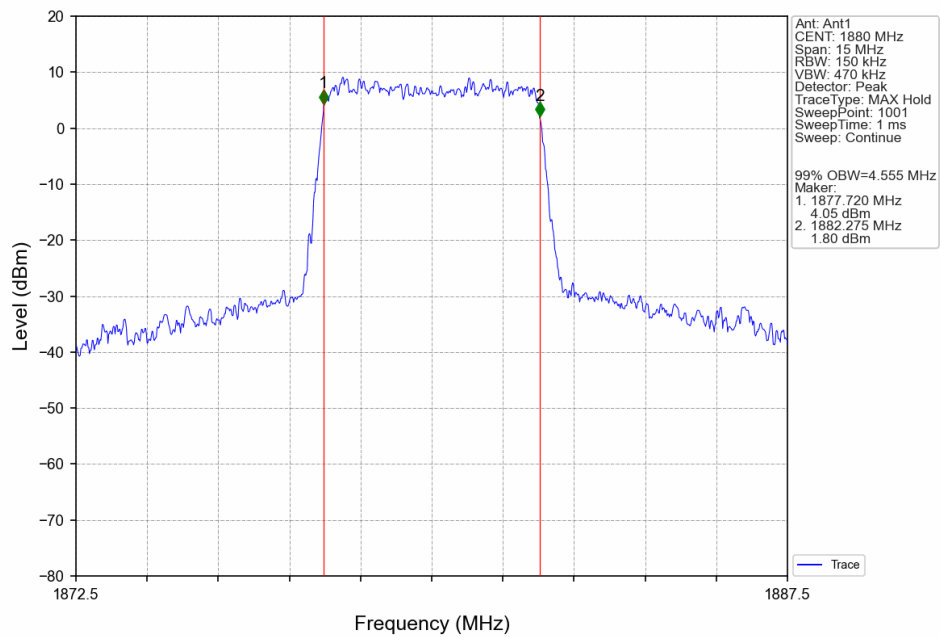




Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

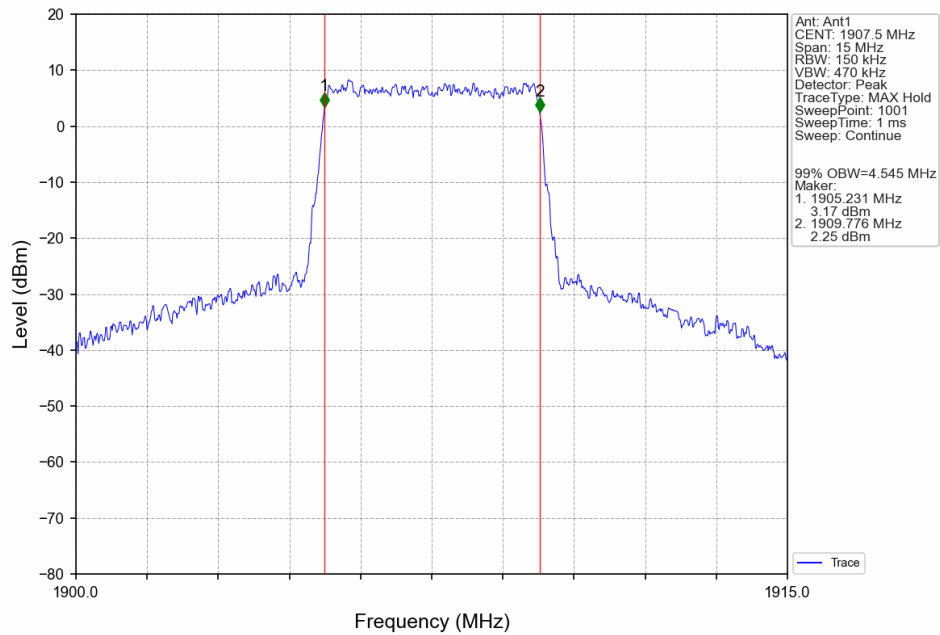


Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

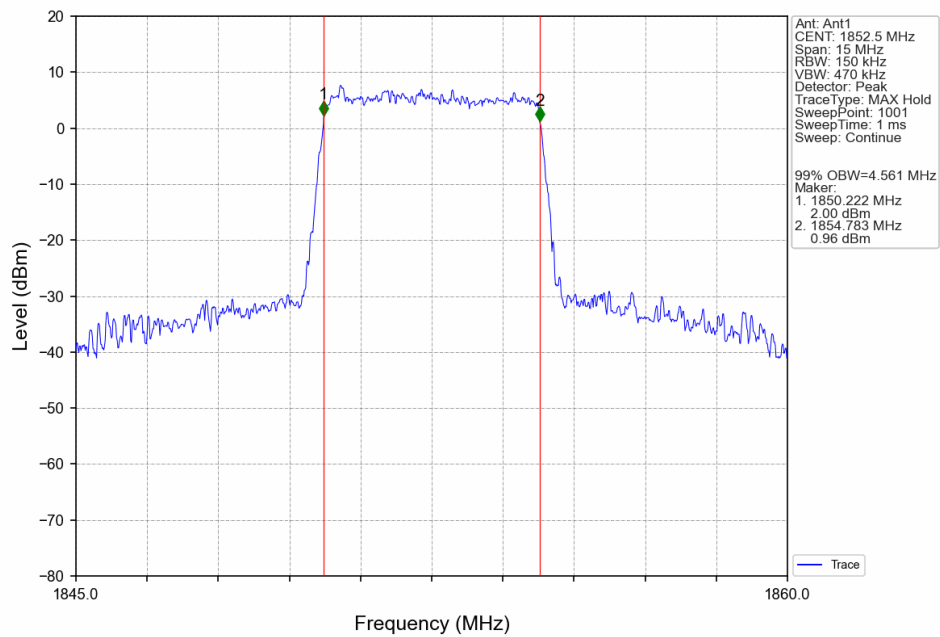




Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV

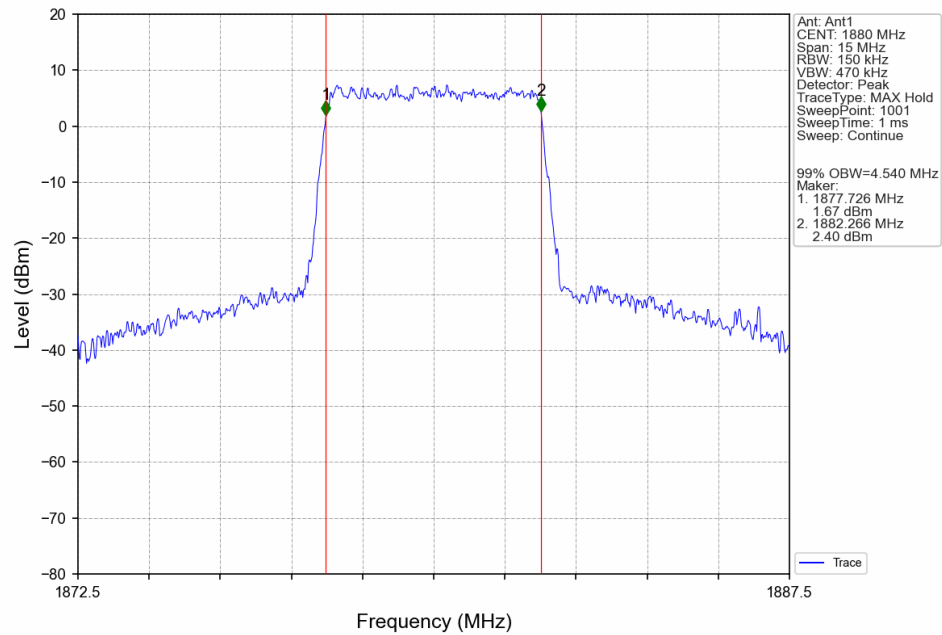


Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

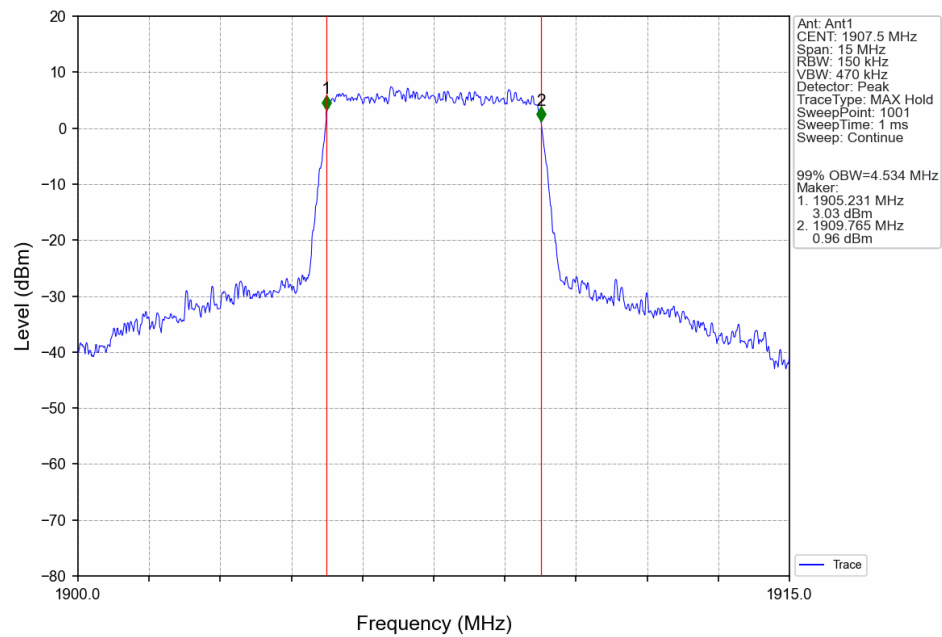




Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV

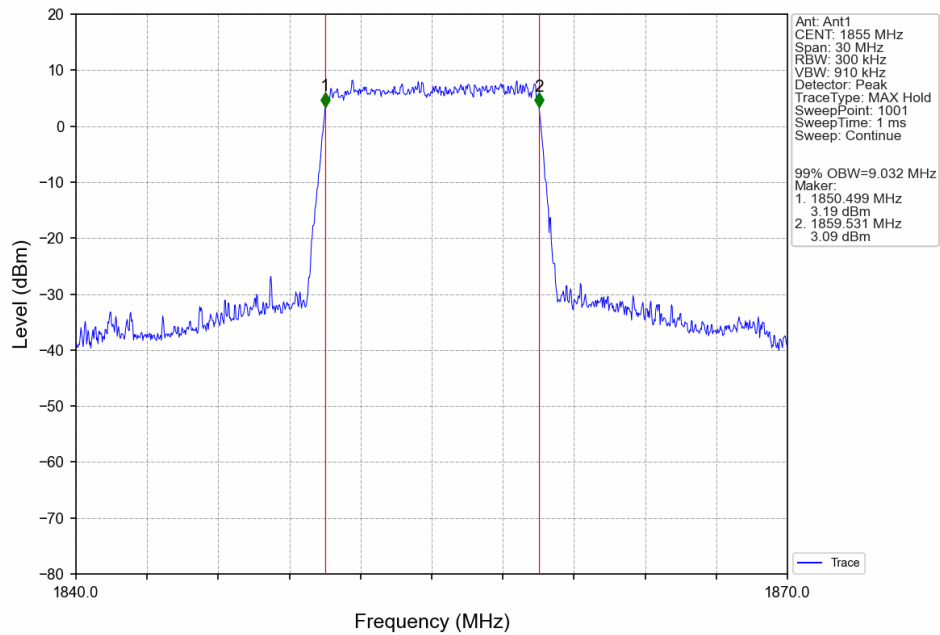


Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

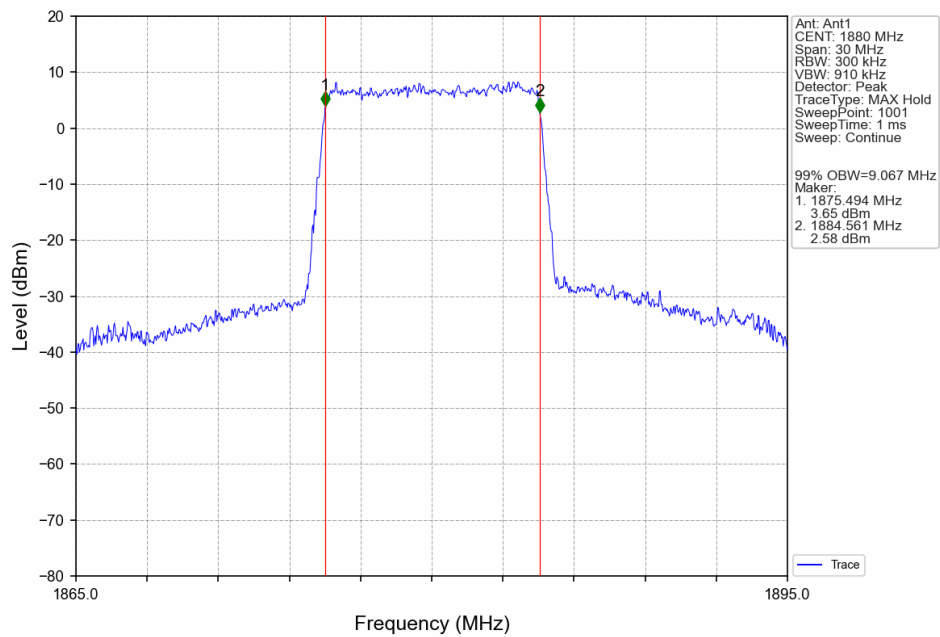




Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

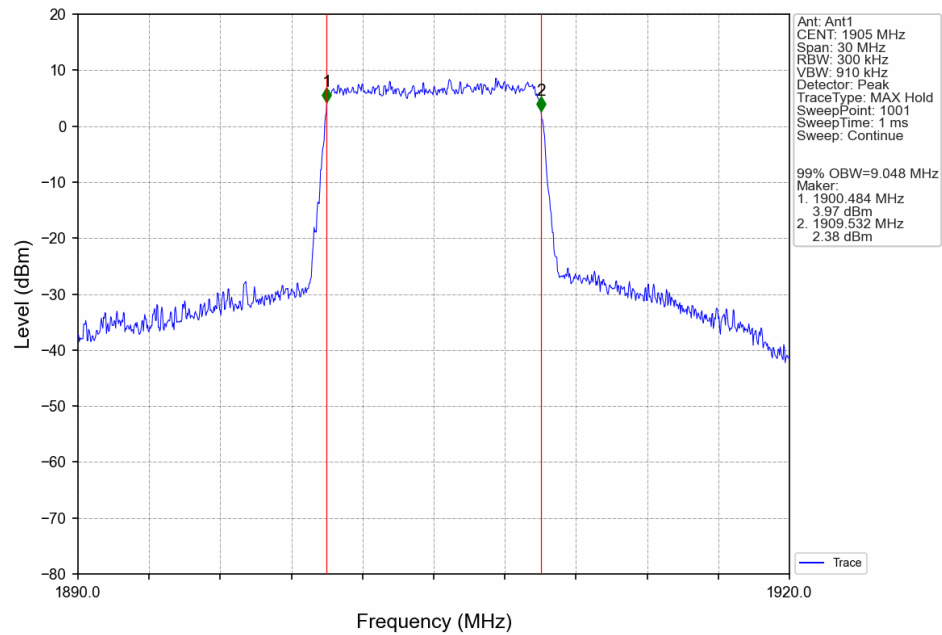


Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

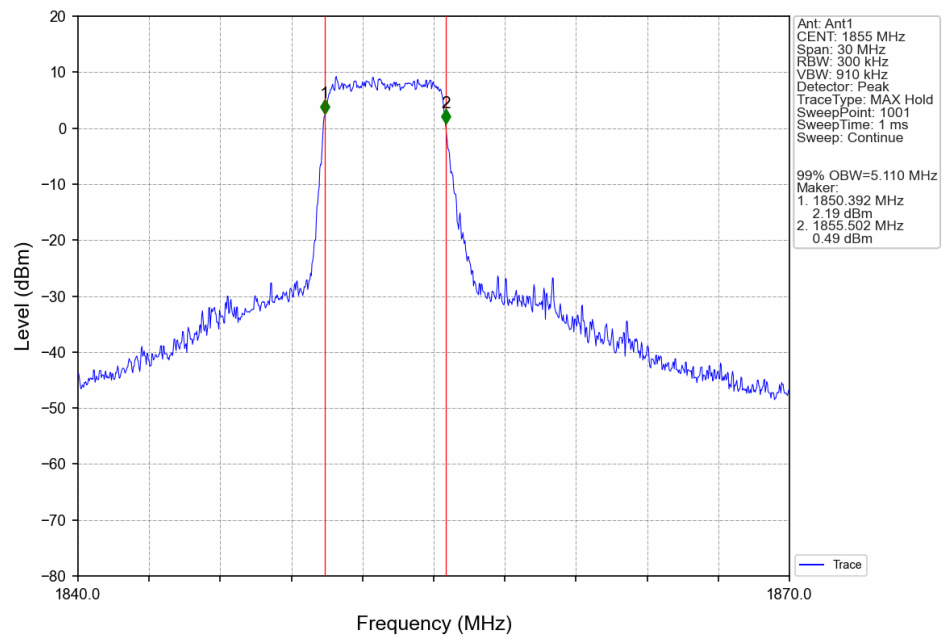




Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

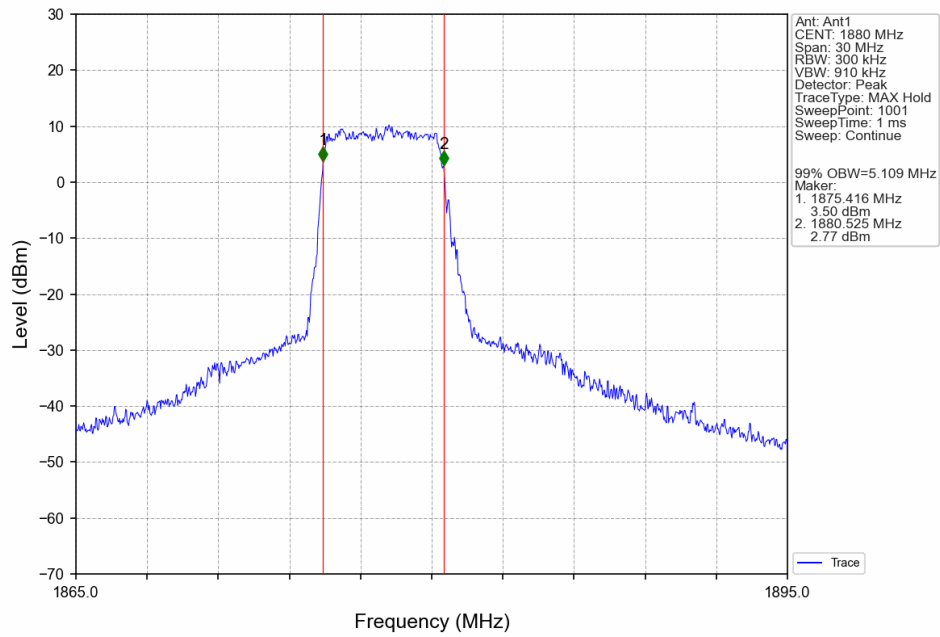


Band2_10MHz_16QAM_LCH_1855MHz_RB_27_0_NTNV

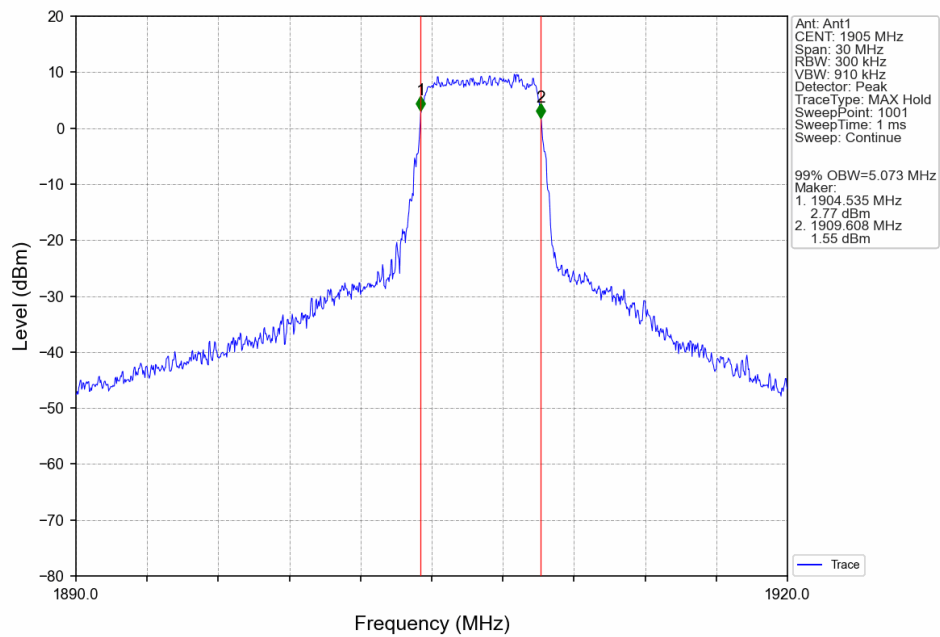




Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV

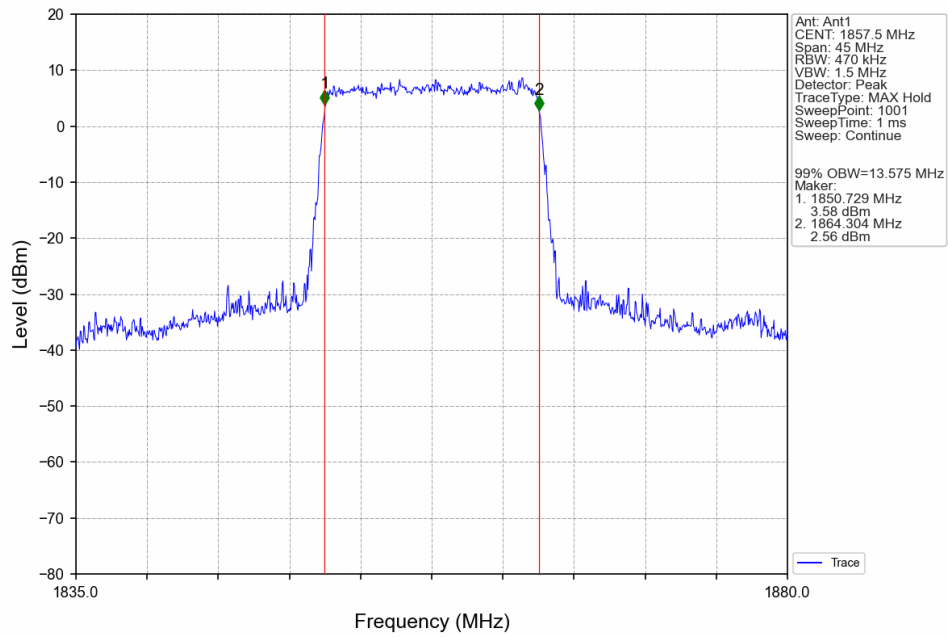


Band2_10MHz_16QAM_HCH_1905MHz_RB_27_23_NTNV

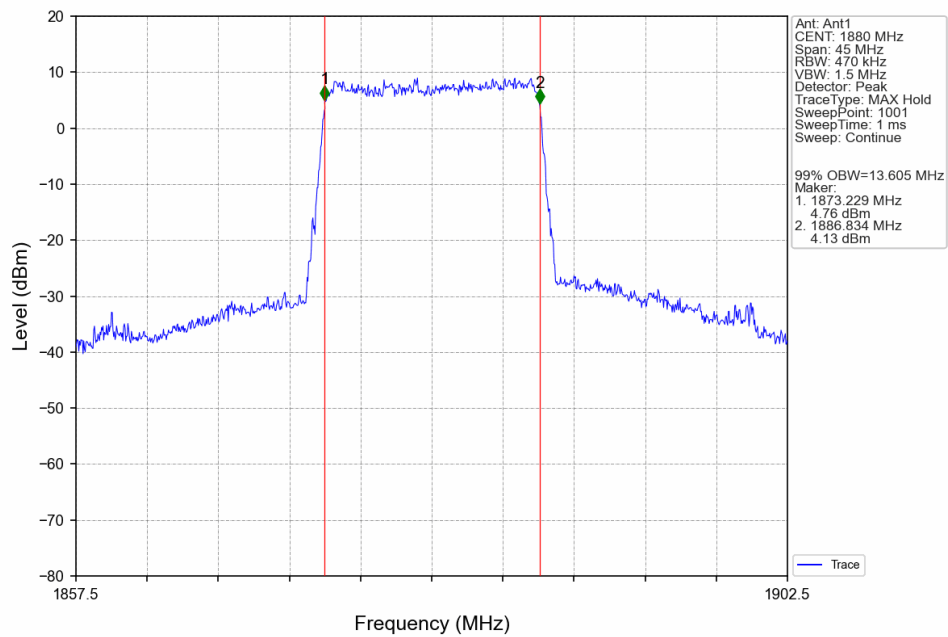




Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

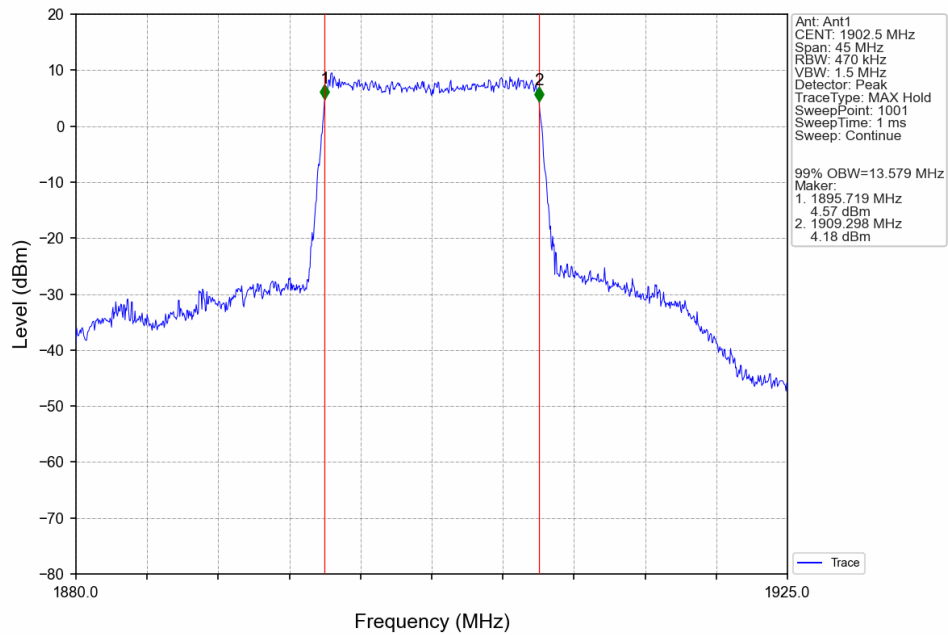


Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

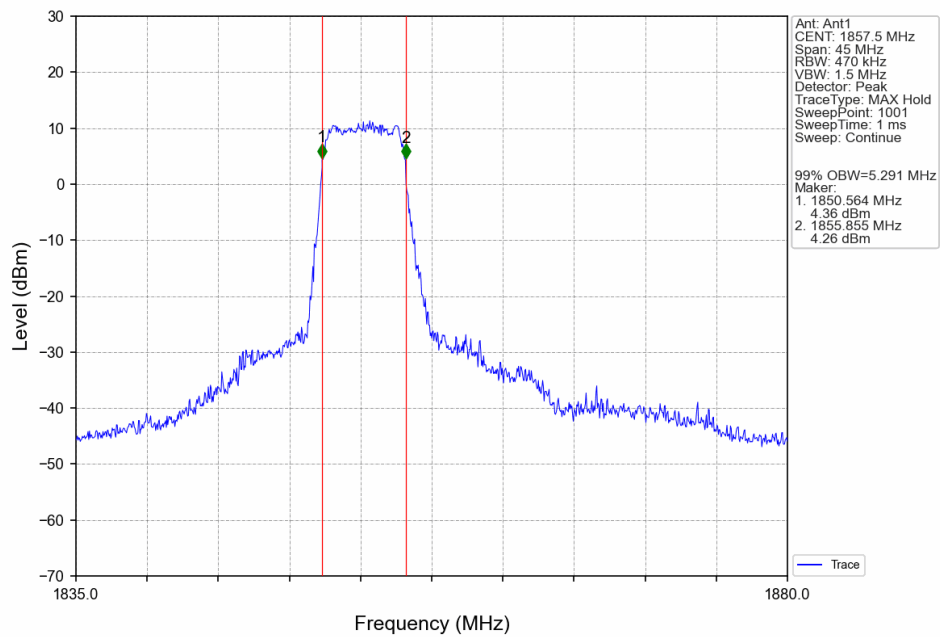




Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV

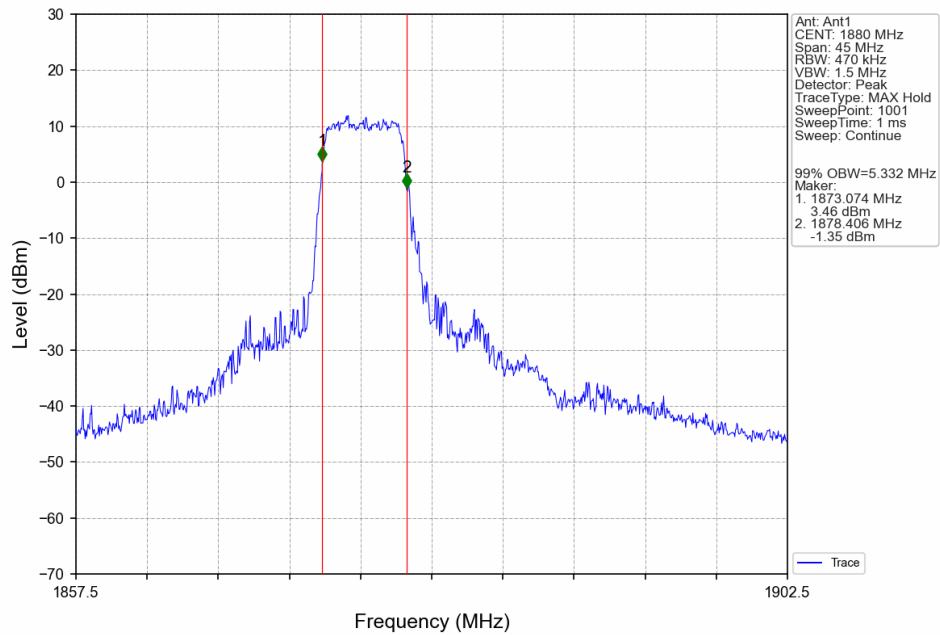


Band2_15MHz_16QAM_LCH_1857.5MHz_RB_27_0_NTNV

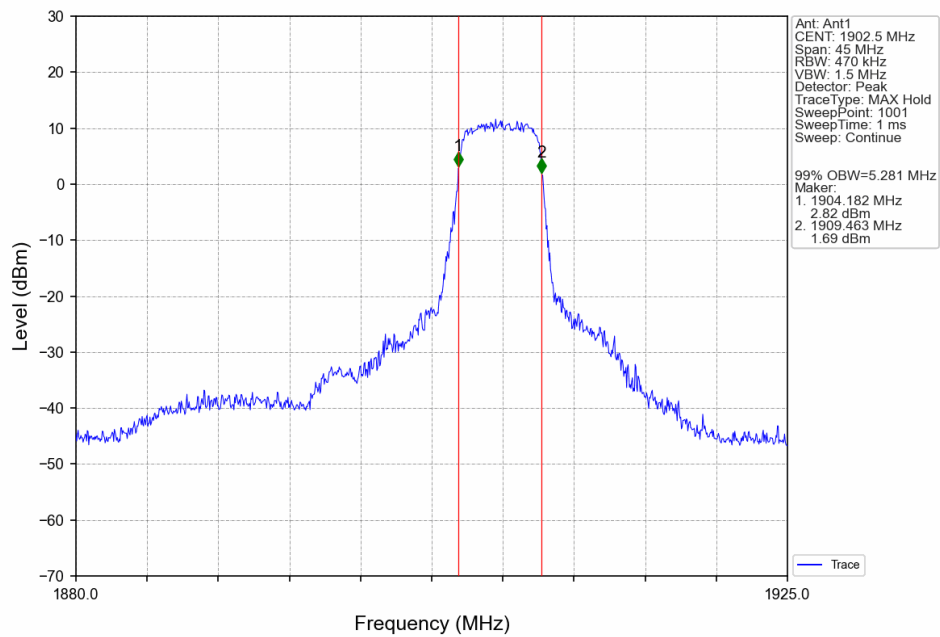




Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV

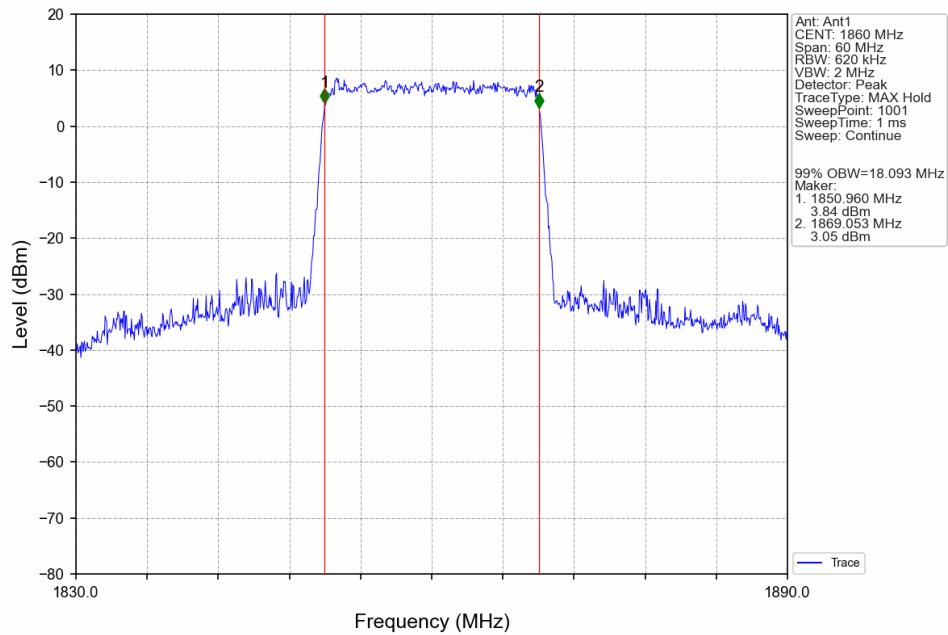


Band2_15MHz_16QAM_HCH_1902.5MHz_RB_27_48_NTNV

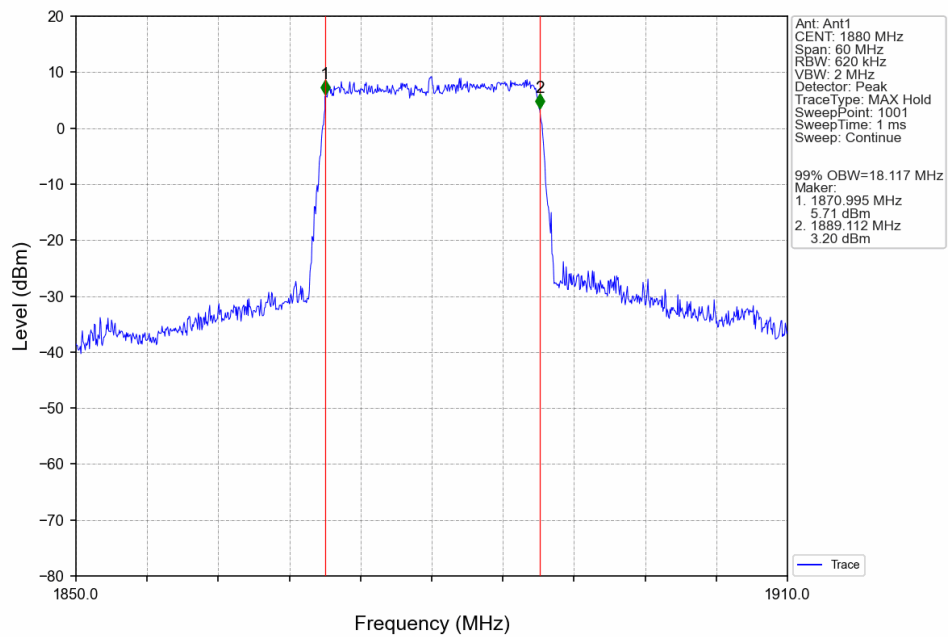




Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

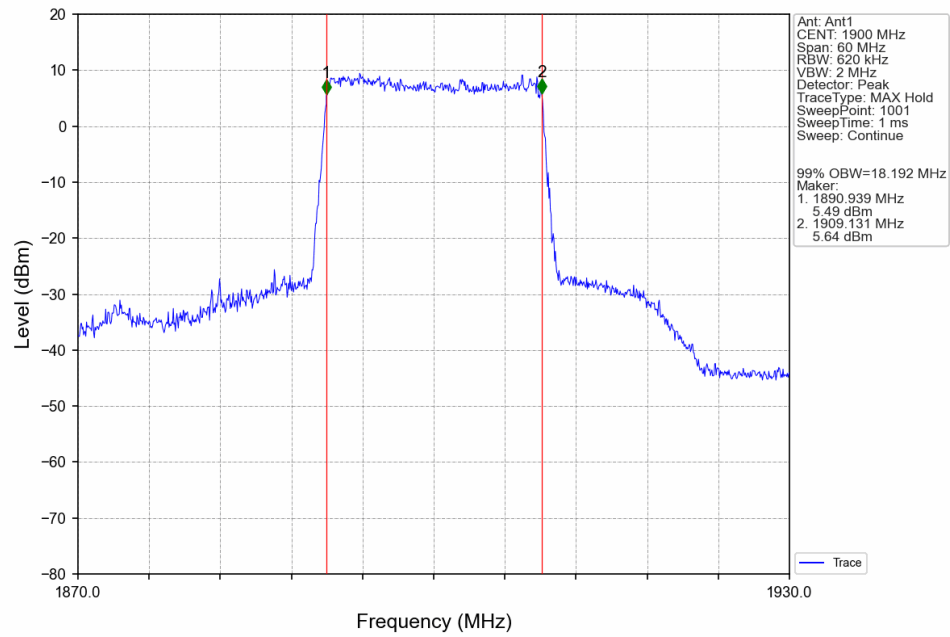


Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV

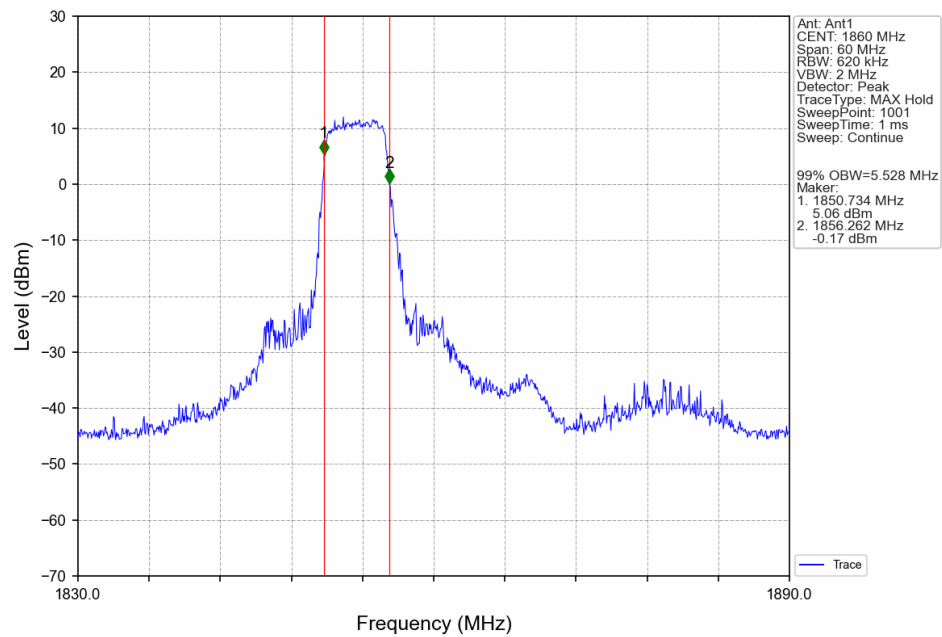




Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

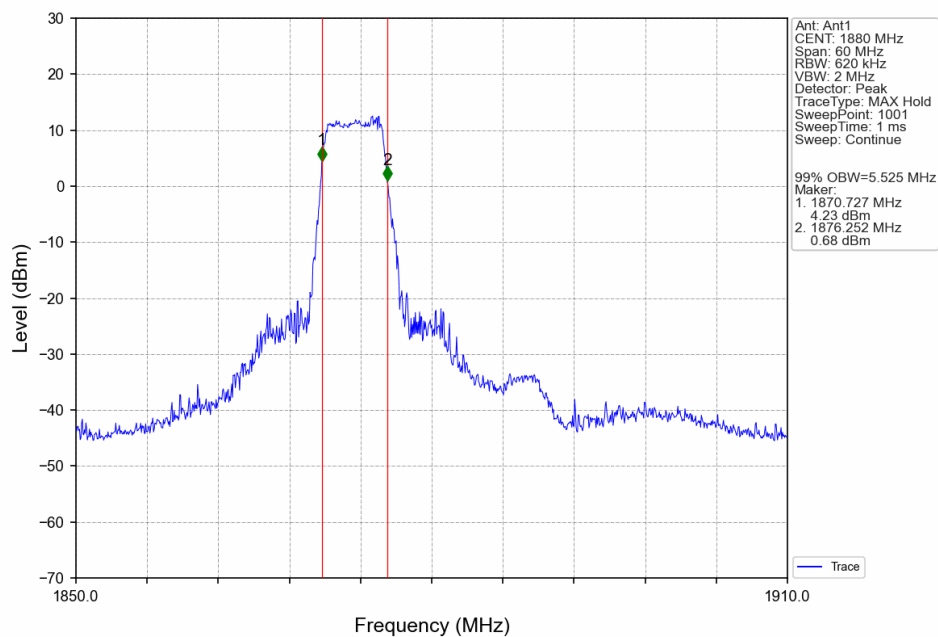


Band2_20MHz_16QAM_LCH_1860MHz_RB_27_0_NTNV

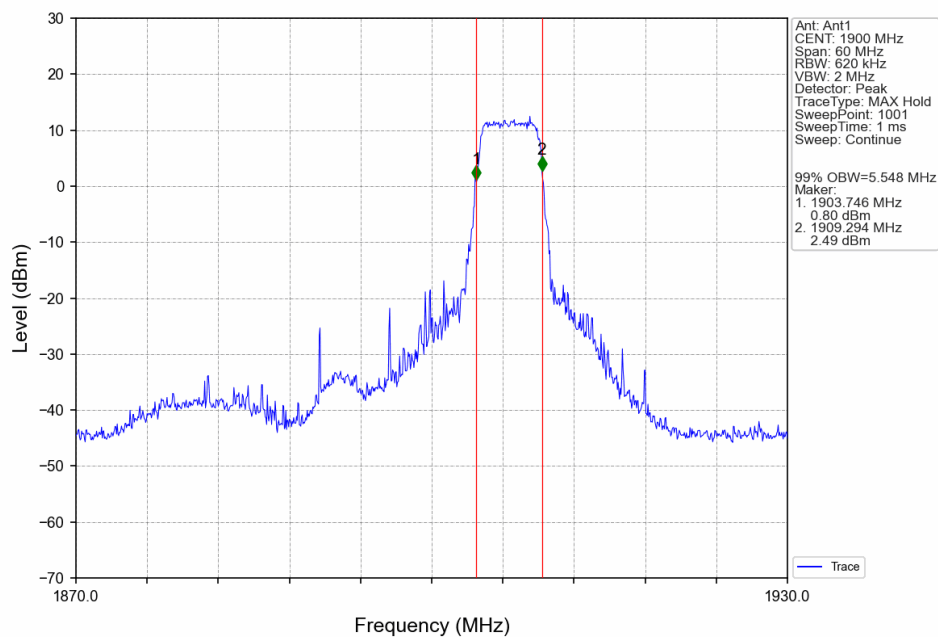




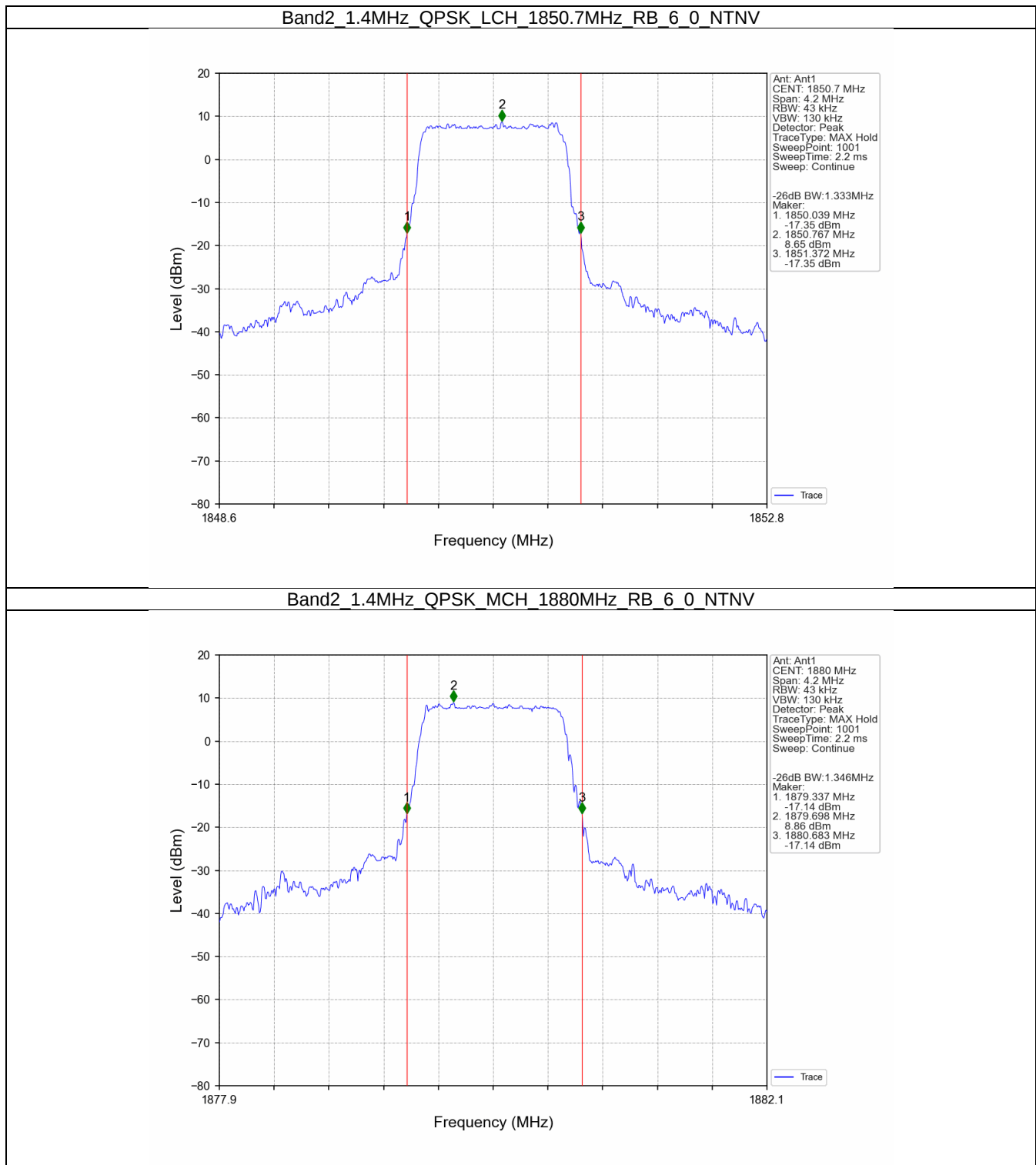
Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_27_73_NTNV

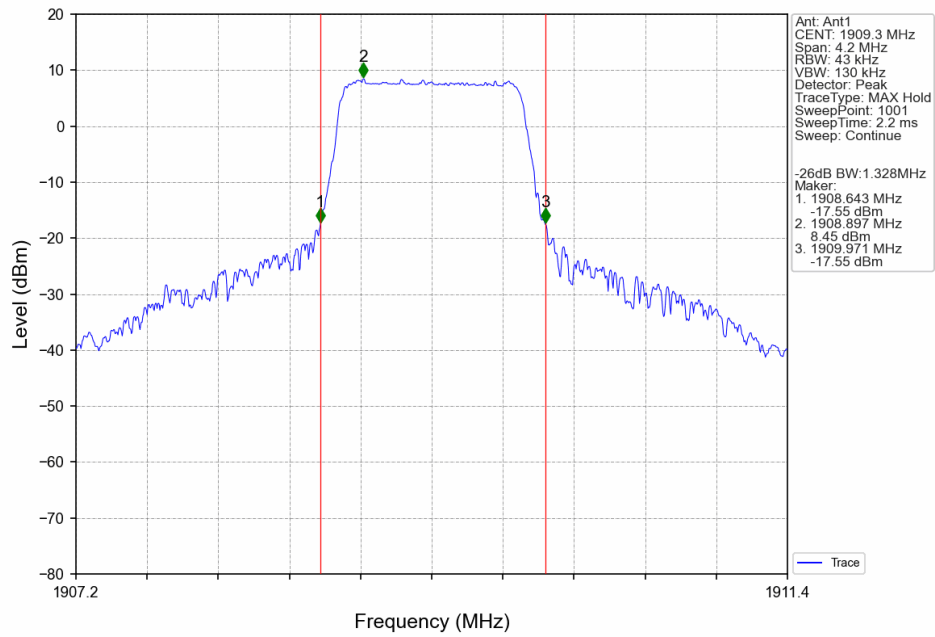


4.2.2 Band2_XDB

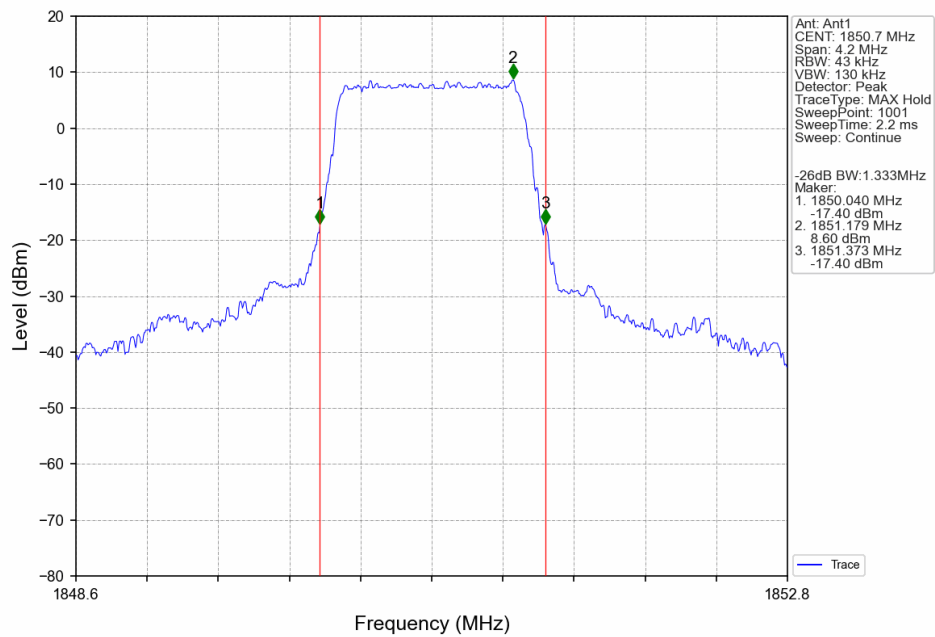




Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

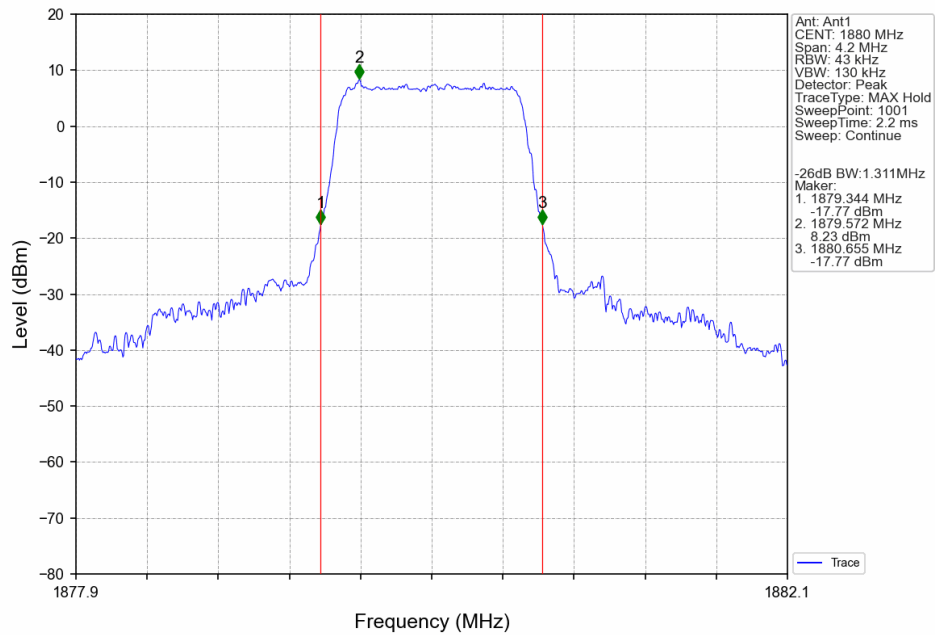


Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

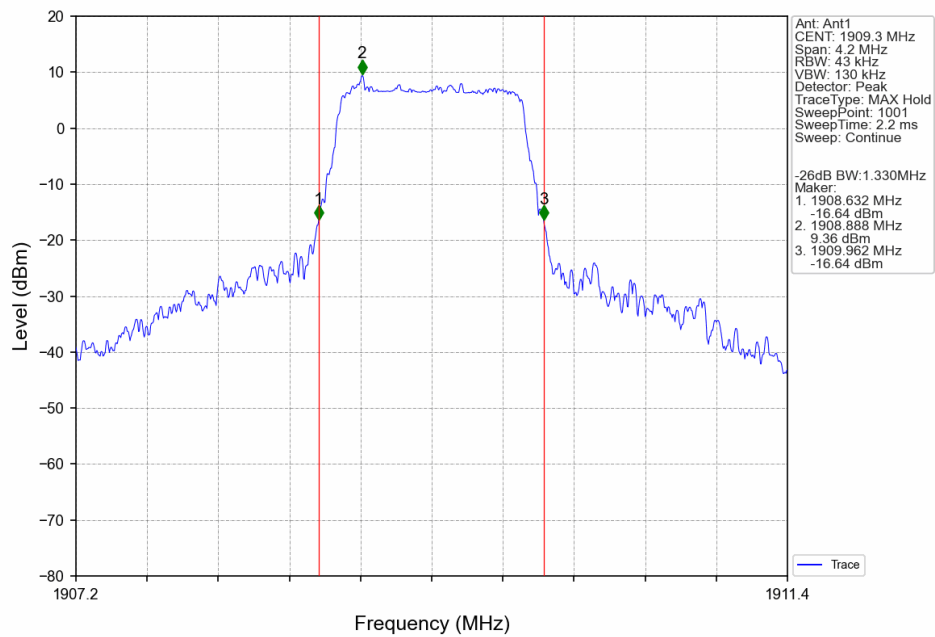




Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV

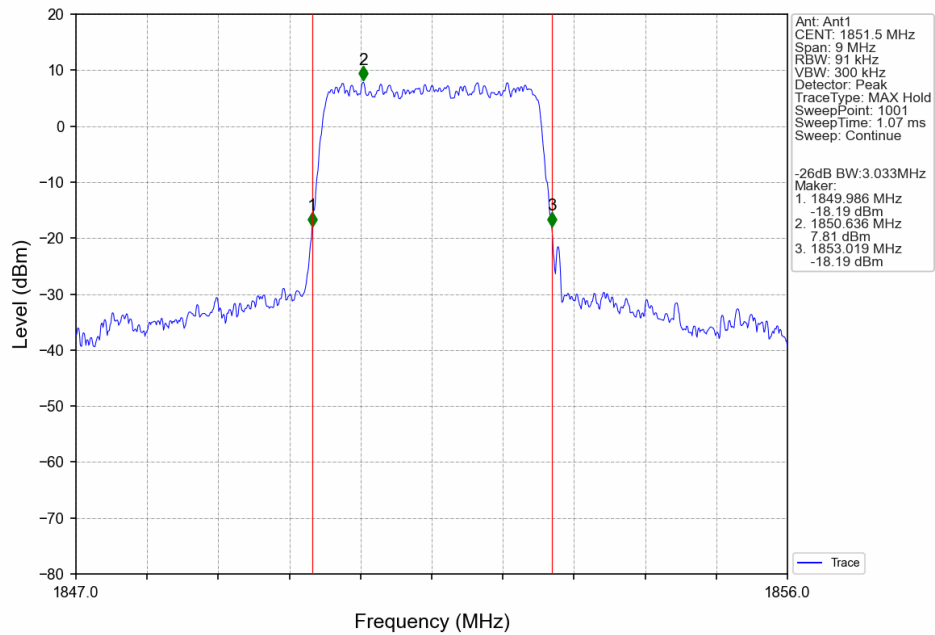


Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV





Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

