

Appendix - 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	21.84	1.37	23.21	<=33.01	Pass
			2	21.92	1.37	23.29	<=33.01	Pass
			5	21.98	1.37	23.35	<=33.01	Pass
		3	0	21.94	1.37	23.31	<=33.01	Pass
			2	21.99	1.37	23.36	<=33.01	Pass
			3	22.00	1.37	23.37	<=33.01	Pass
		6	0	20.98	1.37	22.35	<=33.01	Pass
	1880	1	0	21.59	1.37	22.96	<=33.01	Pass
			2	21.73	1.37	23.10	<=33.01	Pass
			5	21.74	1.37	23.11	<=33.01	Pass
		3	0	21.80	1.37	23.17	<=33.01	Pass
			2	21.80	1.37	23.17	<=33.01	Pass
			3	21.80	1.37	23.17	<=33.01	Pass
		6	0	20.81	1.37	22.18	<=33.01	Pass
	1909.3	1	0	21.89	1.37	23.26	<=33.01	Pass
			2	21.94	1.37	23.31	<=33.01	Pass
			5	21.92	1.37	23.29	<=33.01	Pass
		3	0	22.02	1.37	23.39	<=33.01	Pass
			2	22.03	1.37	23.40	<=33.01	Pass
			3	21.94	1.37	23.31	<=33.01	Pass
		6	0	20.92	1.37	22.29	<=33.01	Pass
16QAM	1850.7	1	0	21.03	1.37	22.40	<=33.01	Pass
			2	21.03	1.37	22.40	<=33.01	Pass
			5	21.02	1.37	22.39	<=33.01	Pass
		3	0	20.86	1.37	22.23	<=33.01	Pass
			2	20.85	1.37	22.22	<=33.01	Pass
			3	20.87	1.37	22.24	<=33.01	Pass
		6	0	20.32	1.37	21.69	<=33.01	Pass
	1880	1	0	21.52	1.37	22.89	<=33.01	Pass
			2	21.53	1.37	22.90	<=33.01	Pass
			5	21.48	1.37	22.85	<=33.01	Pass
		3	0	20.91	1.37	22.28	<=33.01	Pass
			2	20.94	1.37	22.31	<=33.01	Pass
			3	20.92	1.37	22.29	<=33.01	Pass
		6	0	19.84	1.37	21.21	<=33.01	Pass
	1909.3	1	0	21.54	1.37	22.91	<=33.01	Pass
			2	21.55	1.37	22.92	<=33.01	Pass
			5	21.50	1.37	22.87	<=33.01	Pass
		3	0	20.82	1.37	22.19	<=33.01	Pass
			2	20.79	1.37	22.16	<=33.01	Pass
			3	20.70	1.37	22.07	<=33.01	Pass
		6	0	20.28	1.37	21.65	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1851.5	1	0	20.95	1.37	22.32	<=33.01	Pass	
			7	21.00	1.37	22.37	<=33.01	Pass	
			14	21.05	1.37	22.42	<=33.01	Pass	
		8	0	21.05	1.37	22.42	<=33.01	Pass	
			4	21.03	1.37	22.40	<=33.01	Pass	
			7	21.01	1.37	22.38	<=33.01	Pass	
		15	0	21.00	1.37	22.37	<=33.01	Pass	
		1880	1	0	20.87	1.37	22.24	<=33.01	Pass
				7	20.84	1.37	22.21	<=33.01	Pass
	14			20.83	1.37	22.20	<=33.01	Pass	
	8		0	20.81	1.37	22.18	<=33.01	Pass	
			4	20.80	1.37	22.17	<=33.01	Pass	
			7	20.80	1.37	22.17	<=33.01	Pass	
	15	0	20.81	1.37	22.18	<=33.01	Pass		
	1908.5	1	0	20.93	1.37	22.30	<=33.01	Pass	
			7	20.91	1.37	22.28	<=33.01	Pass	
			14	20.91	1.37	22.28	<=33.01	Pass	
		8	0	20.90	1.37	22.27	<=33.01	Pass	
			4	20.90	1.37	22.27	<=33.01	Pass	
			7	20.90	1.37	22.27	<=33.01	Pass	
		15	0	20.89	1.37	22.26	<=33.01	Pass	
16QAM		1851.5	1	0	20.99	1.37	22.36	<=33.01	Pass
				7	20.98	1.37	22.35	<=33.01	Pass
	14			20.97	1.37	22.34	<=33.01	Pass	
	8		0	20.96	1.37	22.33	<=33.01	Pass	
			4	20.96	1.37	22.33	<=33.01	Pass	
			7	20.97	1.37	22.34	<=33.01	Pass	
	15		0	20.97	1.37	22.34	<=33.01	Pass	
	1880		1	0	20.84	1.37	22.21	<=33.01	Pass
				7	20.90	1.37	22.27	<=33.01	Pass
		14		20.90	1.37	22.27	<=33.01	Pass	
		8	0	20.91	1.37	22.28	<=33.01	Pass	
			4	20.90	1.37	22.27	<=33.01	Pass	
			7	20.89	1.37	22.26	<=33.01	Pass	
	15	0	20.88	1.37	22.25	<=33.01	Pass		
	1908.5	1	0	20.89	1.37	22.26	<=33.01	Pass	
			7	20.89	1.37	22.26	<=33.01	Pass	
			14	20.89	1.37	22.26	<=33.01	Pass	
		8	0	20.89	1.37	22.26	<=33.01	Pass	
			4	20.89	1.37	22.26	<=33.01	Pass	
			7	20.89	1.37	22.26	<=33.01	Pass	
		15	0	20.89	1.37	22.26	<=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	21.92	1.37	23.29	<=33.01	Pass
			13	21.86	1.37	23.23	<=33.01	Pass
			24	21.87	1.37	23.24	<=33.01	Pass
		12	0	20.97	1.37	22.34	<=33.01	Pass
			6	21.00	1.37	22.37	<=33.01	Pass
			13	20.98	1.37	22.35	<=33.01	Pass

16QAM	1880	25	0	21.05	1.37	22.42	<=33.01	Pass
			0	21.86	1.37	23.23	<=33.01	Pass
		1	13	21.71	1.37	23.08	<=33.01	Pass
			24	21.72	1.37	23.09	<=33.01	Pass
		12	0	20.94	1.37	22.31	<=33.01	Pass
			6	20.87	1.37	22.24	<=33.01	Pass
			13	20.90	1.37	22.27	<=33.01	Pass
		25	0	20.89	1.37	22.26	<=33.01	Pass
	1907.5	1	0	21.81	1.37	23.18	<=33.01	Pass
			13	21.86	1.37	23.23	<=33.01	Pass
			24	21.84	1.37	23.21	<=33.01	Pass
		12	0	20.87	1.37	22.24	<=33.01	Pass
			6	20.90	1.37	22.27	<=33.01	Pass
			13	20.86	1.37	22.23	<=33.01	Pass
		25	0	20.87	1.37	22.24	<=33.01	Pass
	1852.5	1	0	20.73	1.37	22.10	<=33.01	Pass
			13	20.67	1.37	22.04	<=33.01	Pass
			24	20.63	1.37	22.00	<=33.01	Pass
		12	0	20.23	1.37	21.60	<=33.01	Pass
			6	20.04	1.37	21.41	<=33.01	Pass
			13	20.02	1.37	21.39	<=33.01	Pass
		25	0	20.12	1.37	21.49	<=33.01	Pass
	1880	1	0	21.39	1.37	22.76	<=33.01	Pass
			13	21.44	1.37	22.81	<=33.01	Pass
			24	21.46	1.37	22.83	<=33.01	Pass
		12	0	19.90	1.37	21.27	<=33.01	Pass
			6	19.90	1.37	21.27	<=33.01	Pass
			13	20.32	1.37	21.69	<=33.01	Pass
		25	0	19.96	1.37	21.33	<=33.01	Pass
	1907.5	1	0	21.50	1.37	22.87	<=33.01	Pass
			13	21.52	1.37	22.89	<=33.01	Pass
			24	21.51	1.37	22.88	<=33.01	Pass
		12	0	20.38	1.37	21.75	<=33.01	Pass
			6	20.42	1.37	21.79	<=33.01	Pass
			13	20.34	1.37	21.71	<=33.01	Pass
		25	0	20.31	1.37	21.68	<=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	21.02	1.37	22.39	<=33.01	Pass
			25	20.94	1.37	22.31	<=33.01	Pass
			49	20.91	1.37	22.28	<=33.01	Pass
		25	0	20.99	1.37	22.36	<=33.01	Pass
			13	20.97	1.37	22.34	<=33.01	Pass
			25	20.96	1.37	22.33	<=33.01	Pass
		50	0	20.95	1.37	22.32	<=33.01	Pass
	1880	1	0	20.85	1.37	22.22	<=33.01	Pass
			25	20.94	1.37	22.31	<=33.01	Pass
			49	20.93	1.37	22.30	<=33.01	Pass
		25	0	20.93	1.37	22.30	<=33.01	Pass
			13	20.92	1.37	22.29	<=33.01	Pass
			25	20.91	1.37	22.28	<=33.01	Pass
		50	0	20.91	1.37	22.28	<=33.01	Pass
	1905	1	0	20.93	1.37	22.30	<=33.01	Pass

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16QAM		25	25	20.93	1.37	22.30	<=33.01	Pass
			49	20.93	1.37	22.30	<=33.01	Pass
			0	20.93	1.37	22.30	<=33.01	Pass
			13	20.92	1.37	22.29	<=33.01	Pass
			25	20.92	1.37	22.29	<=33.01	Pass
	1855	1	0	20.92	1.37	22.29	<=33.01	Pass
			25	20.94	1.37	22.31	<=33.01	Pass
			49	20.93	1.37	22.30	<=33.01	Pass
		25	0	20.92	1.37	22.29	<=33.01	Pass
			13	20.92	1.37	22.29	<=33.01	Pass
			25	20.91	1.37	22.28	<=33.01	Pass
	1880	1	0	20.91	1.37	22.28	<=33.01	Pass
			25	20.91	1.37	22.28	<=33.01	Pass
			49	20.91	1.37	22.28	<=33.01	Pass
		25	0	20.90	1.37	22.27	<=33.01	Pass
			13	20.86	1.37	22.23	<=33.01	Pass
			25	20.85	1.37	22.22	<=33.01	Pass
		50	0	20.85	1.37	22.22	<=33.01	Pass
			0	20.92	1.37	22.29	<=33.01	Pass
			25	20.92	1.37	22.29	<=33.01	Pass
			49	20.91	1.37	22.28	<=33.01	Pass
	1905	1	0	20.91	1.37	22.28	<=33.01	Pass
			25	20.91	1.37	22.28	<=33.01	Pass
			49	20.91	1.37	22.28	<=33.01	Pass
		25	0	20.91	1.37	22.28	<=33.01	Pass
			13	20.92	1.37	22.29	<=33.01	Pass
			25	20.92	1.37	22.29	<=33.01	Pass
		50	0	20.92	1.37	22.29	<=33.01	Pass
			0	20.92	1.37	22.29	<=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	21.94	1.37	23.31	<=33.01	Pass
			38	21.92	1.37	23.29	<=33.01	Pass
			74	21.88	1.37	23.25	<=33.01	Pass
		36	0	20.99	1.37	22.36	<=33.01	Pass
			18	20.96	1.37	22.33	<=33.01	Pass
			39	20.89	1.37	22.26	<=33.01	Pass
		75	0	20.99	1.37	22.36	<=33.01	Pass
	1880	1	0	21.76	1.37	23.13	<=33.01	Pass
			38	21.81	1.37	23.18	<=33.01	Pass
			74	21.83	1.37	23.20	<=33.01	Pass
		36	0	20.91	1.37	22.28	<=33.01	Pass
			18	20.95	1.37	22.32	<=33.01	Pass
			39	20.92	1.37	22.29	<=33.01	Pass
		75	0	20.91	1.37	22.28	<=33.01	Pass
	1902.5	1	0	22.01	1.37	23.38	<=33.01	Pass
			38	22.04	1.37	23.41	<=33.01	Pass
			74	22.01	1.37	23.38	<=33.01	Pass
		36	0	20.95	1.37	22.32	<=33.01	Pass
			18	20.98	1.37	22.35	<=33.01	Pass
			39	20.92	1.37	22.29	<=33.01	Pass
		75	0	20.94	1.37	22.31	<=33.01	Pass
16QAM	1857.5	1	0	21.91	1.37	23.28	<=33.01	Pass
			38	21.83	1.37	23.20	<=33.01	Pass
			74	21.84	1.37	23.21	<=33.01	Pass

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		36	0	20.30	1.37	21.67	<=33.01	Pass
			18	19.95	1.37	21.32	<=33.01	Pass
			39	19.95	1.37	21.32	<=33.01	Pass
		75	0	19.94	1.37	21.31	<=33.01	Pass
			0	21.60	1.37	22.97	<=33.01	Pass
			38	21.69	1.37	23.06	<=33.01	Pass
	1880	1	74	21.67	1.37	23.04	<=33.01	Pass
			0	20.21	1.37	21.58	<=33.01	Pass
			18	19.97	1.37	21.34	<=33.01	Pass
		36	39	19.99	1.37	21.36	<=33.01	Pass
			0	19.99	1.37	21.36	<=33.01	Pass
			0	21.53	1.37	22.90	<=33.01	Pass
	1902.5	1	38	21.62	1.37	22.99	<=33.01	Pass
			74	21.67	1.37	23.04	<=33.01	Pass
			0	20.07	1.37	21.44	<=33.01	Pass
		36	18	20.10	1.37	21.47	<=33.01	Pass
			39	20.46	1.37	21.83	<=33.01	Pass
			0	20.03	1.37	21.40	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.15	1.37	23.52	<=33.01	Pass
			50	22.07	1.37	23.44	<=33.01	Pass
			99	22.01	1.37	23.38	<=33.01	Pass
		50	0	20.88	1.37	22.25	<=33.01	Pass
			25	20.95	1.37	22.32	<=33.01	Pass
			50	20.88	1.37	22.25	<=33.01	Pass
		100	0	20.96	1.37	22.33	<=33.01	Pass
			0	21.79	1.37	23.16	<=33.01	Pass
			50	21.85	1.37	23.22	<=33.01	Pass
	1880	1	99	21.88	1.37	23.25	<=33.01	Pass
			0	20.85	1.37	22.22	<=33.01	Pass
			25	20.88	1.37	22.25	<=33.01	Pass
		50	50	20.79	1.37	22.16	<=33.01	Pass
			0	20.83	1.37	22.20	<=33.01	Pass
			0	21.96	1.37	23.33	<=33.01	Pass
	1900	1	50	22.06	1.37	23.43	<=33.01	Pass
			99	21.88	1.37	23.25	<=33.01	Pass
			0	20.92	1.37	22.29	<=33.01	Pass
		50	25	20.99	1.37	22.36	<=33.01	Pass
			50	20.85	1.37	22.22	<=33.01	Pass
			0	21.00	1.37	22.37	<=33.01	Pass
16QAM	1860	1	0	21.80	1.37	23.17	<=33.01	Pass
			50	21.73	1.37	23.10	<=33.01	Pass
			99	21.72	1.37	23.09	<=33.01	Pass
		50	0	20.43	1.37	21.80	<=33.01	Pass
			25	20.09	1.37	21.46	<=33.01	Pass
			50	20.35	1.37	21.72	<=33.01	Pass
		100	0	19.99	1.37	21.36	<=33.01	Pass
	1880	1	0	21.27	1.37	22.64	<=33.01	Pass
			50	21.23	1.37	22.60	<=33.01	Pass
			99	21.65	1.37	23.02	<=33.01	Pass
		50	0	20.05	1.37	21.42	<=33.01	Pass
			25	19.95	1.37	21.32	<=33.01	Pass

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		100	50	19.88	1.37	21.25	<=33.01	Pass
			0	19.90	1.37	21.27	<=33.01	Pass
	1900	1	0	22.16	1.37	23.53	<=33.01	Pass
			50	22.16	1.37	23.53	<=33.01	Pass
			99	22.11	1.37	23.48	<=33.01	Pass
	50		0	20.02	1.37	21.39	<=33.01	Pass
			25	20.00	1.37	21.37	<=33.01	Pass
			50	20.33	1.37	21.70	<=33.01	Pass
	100		0	20.00	1.37	21.37	<=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	21.143	0.0114	-2.5 to 2.5	Pass
					3.85	18.411	0.0099	-2.5 to 2.5	Pass
					4.43	40.083	0.0217	-2.5 to 2.5	Pass
				-30	3.85	38.509	0.0208	-2.5 to 2.5	Pass
				-20	3.85	26.250	0.0142	-2.5 to 2.5	Pass
				-10	3.85	18.911	0.0102	-2.5 to 2.5	Pass
				0	3.85	32.201	0.0174	-2.5 to 2.5	Pass
				10	3.85	35.734	0.0193	-2.5 to 2.5	Pass
				30	3.85	39.353	0.0213	-2.5 to 2.5	Pass
				40	3.85	49.095	0.0265	-2.5 to 2.5	Pass
	50	3.85	-10.986	-0.0059	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	22.845	0.0122	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
					4.43	-17.023	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-21.858	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-28.210	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-30.813	-0.0164	-2.5 to 2.5	Pass
				10	3.85	-38.352	-0.0204	-2.5 to 2.5	Pass
				30	3.85	7.095	0.0038	-2.5 to 2.5	Pass
				40	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
	50	3.85	-16.780	-0.0089	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	33.102	0.0173	-2.5 to 2.5	Pass
					3.85	25.749	0.0135	-2.5 to 2.5	Pass
					4.43	14.262	0.0075	-2.5 to 2.5	Pass
				-30	3.85	-10.471	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-43.588	-0.0228	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-15.864	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-20.785	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-22.144	-0.0116	-2.5 to 2.5	Pass
40				3.85	-32.358	-0.0169	-2.5 to 2.5	Pass	
50				3.85	-28.653	-0.0150	-2.5 to 2.5	Pass	
16QAM	1850.7	6	0	20	3.27	-4.320	-0.0023	-2.5 to 2.5	Pass
					3.85	27.852	0.0150	-2.5 to 2.5	Pass
					4.43	21.214	0.0115	-2.5 to 2.5	Pass

				-30	3.85	28.095	0.0152	-2.5 to 2.5	Pass
				-20	3.85	38.667	0.0209	-2.5 to 2.5	Pass
				-10	3.85	8.898	0.0048	-2.5 to 2.5	Pass
				0	3.85	18.725	0.0101	-2.5 to 2.5	Pass
				10	3.85	11.945	0.0065	-2.5 to 2.5	Pass
				30	3.85	24.033	0.0130	-2.5 to 2.5	Pass
				40	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				50	3.85	13.704	0.0074	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-30.441	-0.0162	-2.5 to 2.5	Pass
					3.85	-37.150	-0.0198	-2.5 to 2.5	Pass
					4.43	-30.370	-0.0162	-2.5 to 2.5	Pass
				-30	3.85	-27.237	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-11.358	-0.0060	-2.5 to 2.5	Pass
				0	3.85	5.937	0.0032	-2.5 to 2.5	Pass
				10	3.85	4.735	0.0025	-2.5 to 2.5	Pass
				30	3.85	12.231	0.0065	-2.5 to 2.5	Pass
				40	3.85	23.303	0.0124	-2.5 to 2.5	Pass
				50	3.85	22.745	0.0121	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-35.548	-0.0186	-2.5 to 2.5	Pass
					3.85	-35.892	-0.0188	-2.5 to 2.5	Pass
					4.43	-38.195	-0.0200	-2.5 to 2.5	Pass
				-30	3.85	-37.007	-0.0194	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	9.899	0.0052	-2.5 to 2.5	Pass
				0	3.85	29.140	0.0153	-2.5 to 2.5	Pass
				10	3.85	35.033	0.0183	-2.5 to 2.5	Pass
				30	3.85	-5.922	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-11.373	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-6.766	-0.0035	-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	-43.859	-0.0237	-2.5 to 2.5	Pass
					3.85	-29.569	-0.0160	-2.5 to 2.5	Pass
					4.43	-31.343	-0.0169	-2.5 to 2.5	Pass
				-30	3.85	-31.672	-0.0171	-2.5 to 2.5	Pass
				-20	3.85	-15.335	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-18.654	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-24.319	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-8.798	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-16.193	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-17.653	-0.0095	-2.5 to 2.5	Pass
	1880	15	0	20	3.85	-50.440	-0.0272	-2.5 to 2.5	Pass
					3.27	23.675	0.0126	-2.5 to 2.5	Pass
					3.85	-30.255	-0.0161	-2.5 to 2.5	Pass
					4.43	-11.115	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-18.210	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-9.670	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-35.477	-0.0189	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-28.195	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-13.733	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-31.743	-0.0169	-2.5 to 2.5	Pass

16QAM	1908.5	15	0	20	3.27	43.602	0.0228	-2.5 to 2.5	Pass
					3.85	-34.089	-0.0179	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-30.370	-0.0159	-2.5 to 2.5	Pass
				-20	3.85	-11.573	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-13.690	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-17.595	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-31.857	-0.0167	-2.5 to 2.5	Pass
	1851.5	15	0	20	3.27	-38.867	-0.0210	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-7.424	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-17.982	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-19.684	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-27.080	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-41.199	-0.0223	-2.5 to 2.5	Pass
				10	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				30	3.85	-19.083	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-10.858	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-10.943	-0.0059	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-22.373	-0.0119	-2.5 to 2.5	Pass
					3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
					4.43	0.801	0.0004	-2.5 to 2.5	Pass
				-30	3.85	13.475	0.0072	-2.5 to 2.5	Pass
				-20	3.85	19.884	0.0106	-2.5 to 2.5	Pass
				-10	3.85	34.218	0.0182	-2.5 to 2.5	Pass
				0	3.85	39.496	0.0210	-2.5 to 2.5	Pass
				10	3.85	38.524	0.0205	-2.5 to 2.5	Pass
				30	3.85	30.055	0.0160	-2.5 to 2.5	Pass
				40	3.85	22.945	0.0122	-2.5 to 2.5	Pass
				50	3.85	34.189	0.0182	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-35.949	-0.0188	-2.5 to 2.5	Pass
					3.85	-34.375	-0.0180	-2.5 to 2.5	Pass
					4.43	-18.296	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-14.334	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	12.317	0.0065	-2.5 to 2.5	Pass
				0	3.85	21.744	0.0114	-2.5 to 2.5	Pass
				10	3.85	15.750	0.0083	-2.5 to 2.5	Pass
				30	3.85	28.968	0.0152	-2.5 to 2.5	Pass
				40	3.85	45.133	0.0236	-2.5 to 2.5	Pass
				50	3.85	38.095	0.0200	-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	2.389	0.0013	-2.5 to 2.5	Pass
					3.85	-35.234	-0.0190	-2.5 to 2.5	Pass
					4.43	-16.494	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-38.152	-0.0206	-2.5 to 2.5	Pass
				-20	3.85	-29.683	-0.0160	-2.5 to 2.5	Pass
				-10	3.85	-23.260	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-19.212	-0.0104	-2.5 to 2.5	Pass
				10	3.85	-39.282	-0.0212	-2.5 to 2.5	Pass

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Version: 1/00

				30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-6.123	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-48.594	-0.0262	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	36.120	0.0192	-2.5 to 2.5	Pass
					3.85	1.030	0.0005	-2.5 to 2.5	Pass
					4.43	-21.830	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-23.746	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-19.026	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-18.454	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-38.953	-0.0207	-2.5 to 2.5	Pass
				30	3.85	-16.351	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-29.869	-0.0159	-2.5 to 2.5	Pass
				50	3.85	-44.603	-0.0237	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	27.652	0.0145	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0031	-2.5 to 2.5	Pass
					4.43	-38.409	-0.0201	-2.5 to 2.5	Pass
				-30	3.85	-36.120	-0.0189	-2.5 to 2.5	Pass
				-20	3.85	-26.579	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-7.625	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-21.858	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-34.075	-0.0179	-2.5 to 2.5	Pass
				30	3.85	-39.396	-0.0207	-2.5 to 2.5	Pass
				40	3.85	-42.887	-0.0225	-2.5 to 2.5	Pass
				50	3.85	-10.672	-0.0056	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-19.684	-0.0106	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
					4.43	-16.823	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-40.655	-0.0219	-2.5 to 2.5	Pass
				-20	3.85	-9.928	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-9.627	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-27.809	-0.0150	-2.5 to 2.5	Pass
				10	3.85	6.266	0.0034	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				40	3.85	-11.930	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-26.579	-0.0143	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-29.283	-0.0156	-2.5 to 2.5	Pass
					3.85	-38.724	-0.0206	-2.5 to 2.5	Pass
					4.43	-32.015	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-13.261	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-6.952	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				0	3.85	12.689	0.0067	-2.5 to 2.5	Pass
				10	3.85	19.469	0.0104	-2.5 to 2.5	Pass
				30	3.85	11.673	0.0062	-2.5 to 2.5	Pass
				40	3.85	23.632	0.0126	-2.5 to 2.5	Pass
				50	3.85	28.796	0.0153	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-31.471	-0.0165	-2.5 to 2.5	Pass
					3.85	-29.883	-0.0157	-2.5 to 2.5	Pass
					4.43	-22.116	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	8.841	0.0046	-2.5 to 2.5	Pass
				-10	3.85	9.084	0.0048	-2.5 to 2.5	Pass
				0	3.85	15.178	0.0080	-2.5 to 2.5	Pass
				10	3.85	23.317	0.0122	-2.5 to 2.5	Pass
				30	3.85	23.804	0.0125	-2.5 to 2.5	Pass
				40	3.85	17.438	0.0091	-2.5 to 2.5	Pass
				50	3.85	18.454	0.0097	-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	-30.956	-0.0167	-2.5 to 2.5	Pass
					3.85	-13.661	-0.0074	-2.5 to 2.5	Pass
					4.43	-18.282	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-13.762	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-37.436	-0.0202	-2.5 to 2.5	Pass
				-10	3.85	-23.346	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-38.552	-0.0208	-2.5 to 2.5	Pass
				10	3.85	3.033	0.0016	-2.5 to 2.5	Pass
				30	3.85	-39.539	-0.0213	-2.5 to 2.5	Pass
				40	3.85	-25.678	-0.0138	-2.5 to 2.5	Pass
				50	3.85	-19.298	-0.0104	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	38.581	0.0205	-2.5 to 2.5	Pass
					3.85	27.752	0.0148	-2.5 to 2.5	Pass
					4.43	-2.117	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-34.604	-0.0184	-2.5 to 2.5	Pass
				-10	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-39.525	-0.0210	-2.5 to 2.5	Pass
				10	3.85	-14.563	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-33.545	-0.0178	-2.5 to 2.5	Pass
				40	3.85	-47.779	-0.0254	-2.5 to 2.5	Pass
				50	3.85	7.038	0.0037	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	4.134	0.0022	-2.5 to 2.5	Pass
					3.85	19.670	0.0103	-2.5 to 2.5	Pass
					4.43	11.516	0.0060	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-8.082	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-13.390	-0.0072	-2.5 to 2.5	Pass
					3.85	-37.479	-0.0202	-2.5 to 2.5	Pass
					4.43	-12.317	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-23.375	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-20.413	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-17.953	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-11.201	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				40	3.85	1.802	0.0010	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-7.439	-0.0040	-2.5 to 2.5	Pass
					3.85	-22.588	-0.0120	-2.5 to 2.5	Pass
					4.43	-0.629	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	9.055	0.0048	-2.5 to 2.5	Pass
				-20	3.85	15.063	0.0080	-2.5 to 2.5	Pass
				-10	3.85	34.375	0.0183	-2.5 to 2.5	Pass
				0	3.85	35.620	0.0189	-2.5 to 2.5	Pass
				10	3.85	28.968	0.0154	-2.5 to 2.5	Pass
				30	3.85	30.456	0.0162	-2.5 to 2.5	Pass
				40	3.85	7.424	0.0039	-2.5 to 2.5	Pass

	1905	50	0	50	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				20	3.27	-19.813	-0.0104	-2.5 to 2.5	Pass
					3.85	-13.361	-0.0070	-2.5 to 2.5	Pass
					4.43	-3.004	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	13.661	0.0072	-2.5 to 2.5	Pass
				-20	3.85	21.644	0.0114	-2.5 to 2.5	Pass
				-10	3.85	26.493	0.0139	-2.5 to 2.5	Pass
				0	3.85	34.804	0.0183	-2.5 to 2.5	Pass
				10	3.85	18.482	0.0097	-2.5 to 2.5	Pass
				30	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
				40	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				50	3.85	11.516	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	3.27	18.168	0.0098	-2.5 to 2.5	Pass
					3.85	3.862	0.0021	-2.5 to 2.5	Pass
					4.43	20.556	0.0111	-2.5 to 2.5	Pass
				-30	3.85	10.657	0.0057	-2.5 to 2.5	Pass
				-20	3.85	18.110	0.0097	-2.5 to 2.5	Pass
				-10	3.85	27.294	0.0147	-2.5 to 2.5	Pass
				0	3.85	51.627	0.0278	-2.5 to 2.5	Pass
				10	3.85	2.718	0.0015	-2.5 to 2.5	Pass
				30	3.85	4.721	0.0025	-2.5 to 2.5	Pass
				40	3.85	19.298	0.0104	-2.5 to 2.5	Pass
				50	3.85	34.189	0.0184	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	1.273	0.0007	-2.5 to 2.5	Pass
					3.85	-41.857	-0.0223	-2.5 to 2.5	Pass
					4.43	-14.677	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-42.644	-0.0227	-2.5 to 2.5	Pass
				-20	3.85	-26.579	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-32.144	-0.0171	-2.5 to 2.5	Pass
				0	3.85	-40.669	-0.0216	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-35.090	-0.0187	-2.5 to 2.5	Pass
				50	3.85	-46.062	-0.0245	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	41.213	0.0217	-2.5 to 2.5	Pass
					3.85	31.900	0.0168	-2.5 to 2.5	Pass
					4.43	23.975	0.0126	-2.5 to 2.5	Pass
				-30	3.85	14.305	0.0075	-2.5 to 2.5	Pass
				-20	3.85	-10.514	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-22.116	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-27.237	-0.0143	-2.5 to 2.5	Pass
				10	3.85	-9.542	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-7.896	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-19.369	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-30.041	-0.0158	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	14.949	0.0080	-2.5 to 2.5	Pass
					3.85	17.653	0.0095	-2.5 to 2.5	Pass
					4.43	19.226	0.0104	-2.5 to 2.5	Pass
				-30	3.85	40.784	0.0220	-2.5 to 2.5	Pass
				-20	3.85	20.800	0.0112	-2.5 to 2.5	Pass
				-10	3.85	29.011	0.0156	-2.5 to 2.5	Pass
				0	3.85	39.525	0.0213	-2.5 to 2.5	Pass

				10	3.85	6.323	0.0034	-2.5 to 2.5	Pass
				30	3.85	14.877	0.0080	-2.5 to 2.5	Pass
				40	3.85	22.159	0.0119	-2.5 to 2.5	Pass
				50	3.85	24.562	0.0132	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-4.649	-0.0025	-2.5 to 2.5	Pass
					3.85	11.945	0.0064	-2.5 to 2.5	Pass
					4.43	31.142	0.0166	-2.5 to 2.5	Pass
				-30	3.85	41.270	0.0220	-2.5 to 2.5	Pass
				-20	3.85	12.388	0.0066	-2.5 to 2.5	Pass
				-10	3.85	24.848	0.0132	-2.5 to 2.5	Pass
				0	3.85	35.334	0.0188	-2.5 to 2.5	Pass
				10	3.85	26.178	0.0139	-2.5 to 2.5	Pass
				30	3.85	29.569	0.0157	-2.5 to 2.5	Pass
				40	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				50	3.85	17.452	0.0093	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-19.455	-0.0102	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	23.203	0.0122	-2.5 to 2.5	Pass
				-30	3.85	41.885	0.0220	-2.5 to 2.5	Pass
				-20	3.85	30.155	0.0159	-2.5 to 2.5	Pass
				-10	3.85	7.682	0.0040	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0012	-2.5 to 2.5	Pass
				10	3.85	3.777	0.0020	-2.5 to 2.5	Pass
				30	3.85	30.212	0.0159	-2.5 to 2.5	Pass
				40	3.85	31.028	0.0163	-2.5 to 2.5	Pass
				50	3.85	34.776	0.0183	-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	-18.096	-0.0097	-2.5 to 2.5	Pass
					3.85	-31.729	-0.0171	-2.5 to 2.5	Pass
					4.43	-16.952	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-25.864	-0.0139	-2.5 to 2.5	Pass
				-20	3.85	-19.484	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-33.402	-0.0180	-2.5 to 2.5	Pass
				0	3.85	-15.793	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-38.996	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-21.973	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-40.913	-0.0220	-2.5 to 2.5	Pass
				50	3.85	-38.037	-0.0205	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	6.523	0.0035	-2.5 to 2.5	Pass
					3.85	-37.551	-0.0200	-2.5 to 2.5	Pass
					4.43	-35.391	-0.0188	-2.5 to 2.5	Pass
				-30	3.85	-21.443	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-31.328	-0.0167	-2.5 to 2.5	Pass
				-10	3.85	-31.071	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-35.591	-0.0189	-2.5 to 2.5	Pass
				30	3.85	-30.670	-0.0163	-2.5 to 2.5	Pass
				40	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-24.662	-0.0131	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	24.133	0.0127	-2.5 to 2.5	Pass
					3.85	5.379	0.0028	-2.5 to 2.5	Pass
					4.43	-10.843	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-20.528	-0.0108	-2.5 to 2.5	Pass

16QAM	1860	100	0	-20	3.85	-25.992	-0.0137	-2.5 to 2.5	Pass
				-10	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-8.383	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-8.483	-0.0045	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-32.988	-0.0177	-2.5 to 2.5	Pass
					3.85	-29.411	-0.0158	-2.5 to 2.5	Pass
					4.43	-47.536	-0.0256	-2.5 to 2.5	Pass
				-30	3.85	-46.563	-0.0250	-2.5 to 2.5	Pass
				-20	3.85	6.580	0.0035	-2.5 to 2.5	Pass
				-10	3.85	-15.650	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-14.491	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-15.593	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-14.949	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-31.214	-0.0168	-2.5 to 2.5	Pass
				50	3.85	-24.834	-0.0134	-2.5 to 2.5	Pass
				20	3.27	-39.854	-0.0212	-2.5 to 2.5	Pass
					3.85	-12.617	-0.0067	-2.5 to 2.5	Pass
					4.43	-2.818	-0.0015	-2.5 to 2.5	Pass
	1900	100	0	-30	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				-20	3.85	6.580	0.0035	-2.5 to 2.5	Pass
				-10	3.85	12.617	0.0067	-2.5 to 2.5	Pass
				0	3.85	28.296	0.0151	-2.5 to 2.5	Pass
				10	3.85	15.092	0.0080	-2.5 to 2.5	Pass
				30	3.85	16.794	0.0089	-2.5 to 2.5	Pass
				40	3.85	11.745	0.0062	-2.5 to 2.5	Pass
				50	3.85	20.785	0.0111	-2.5 to 2.5	Pass
				20	3.27	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.85	19.627	0.0103	-2.5 to 2.5	Pass
					4.43	23.103	0.0122	-2.5 to 2.5	Pass
				-30	3.85	28.067	0.0148	-2.5 to 2.5	Pass
				-20	3.85	-15.149	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-19.126	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-32.144	-0.0169	-2.5 to 2.5	Pass
				10	3.85	-10.772	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-9.599	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0017	-2.5 to 2.5	Pass
				50	3.85	11.315	0.0060	-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 / NTVN						
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

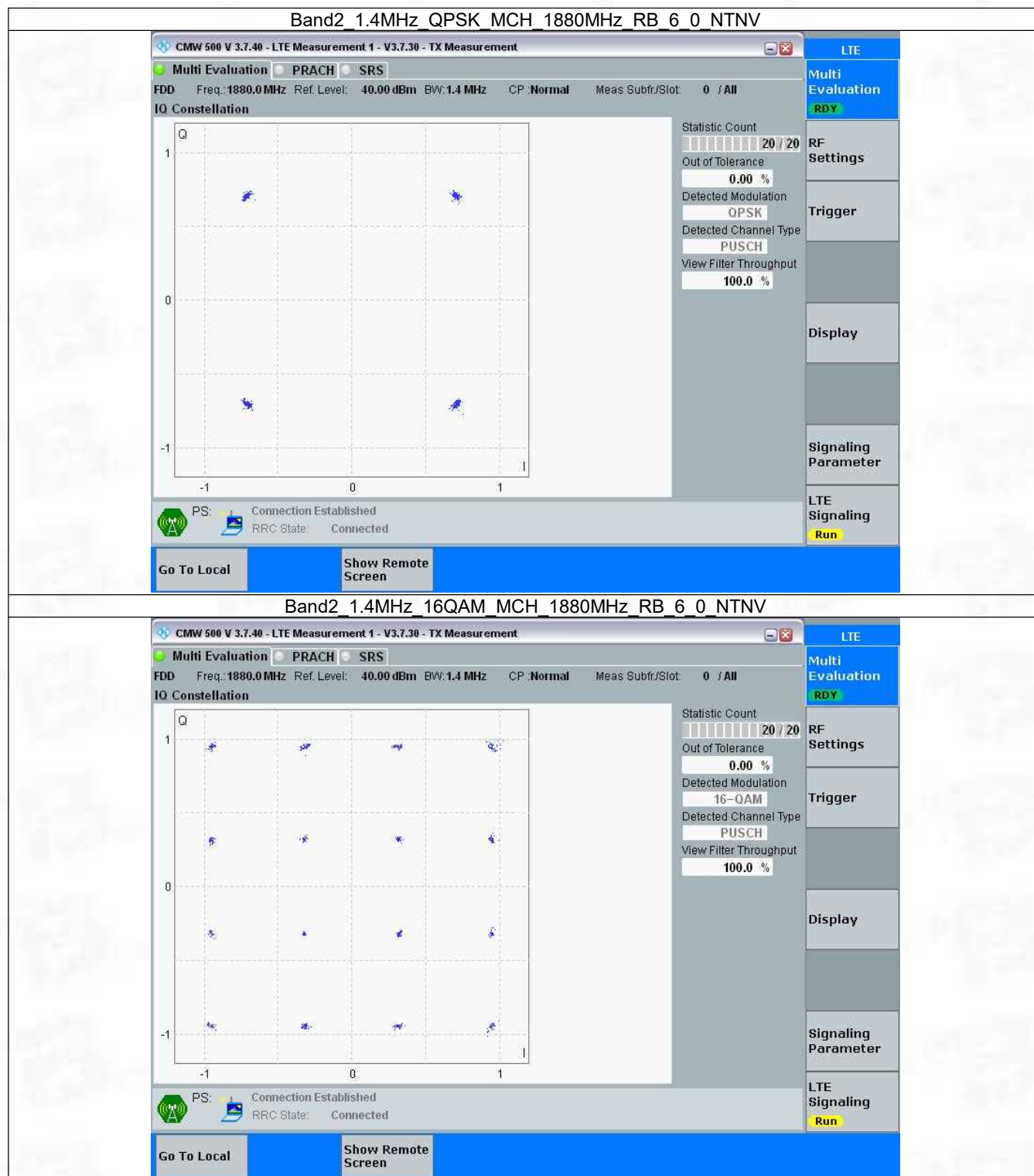
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

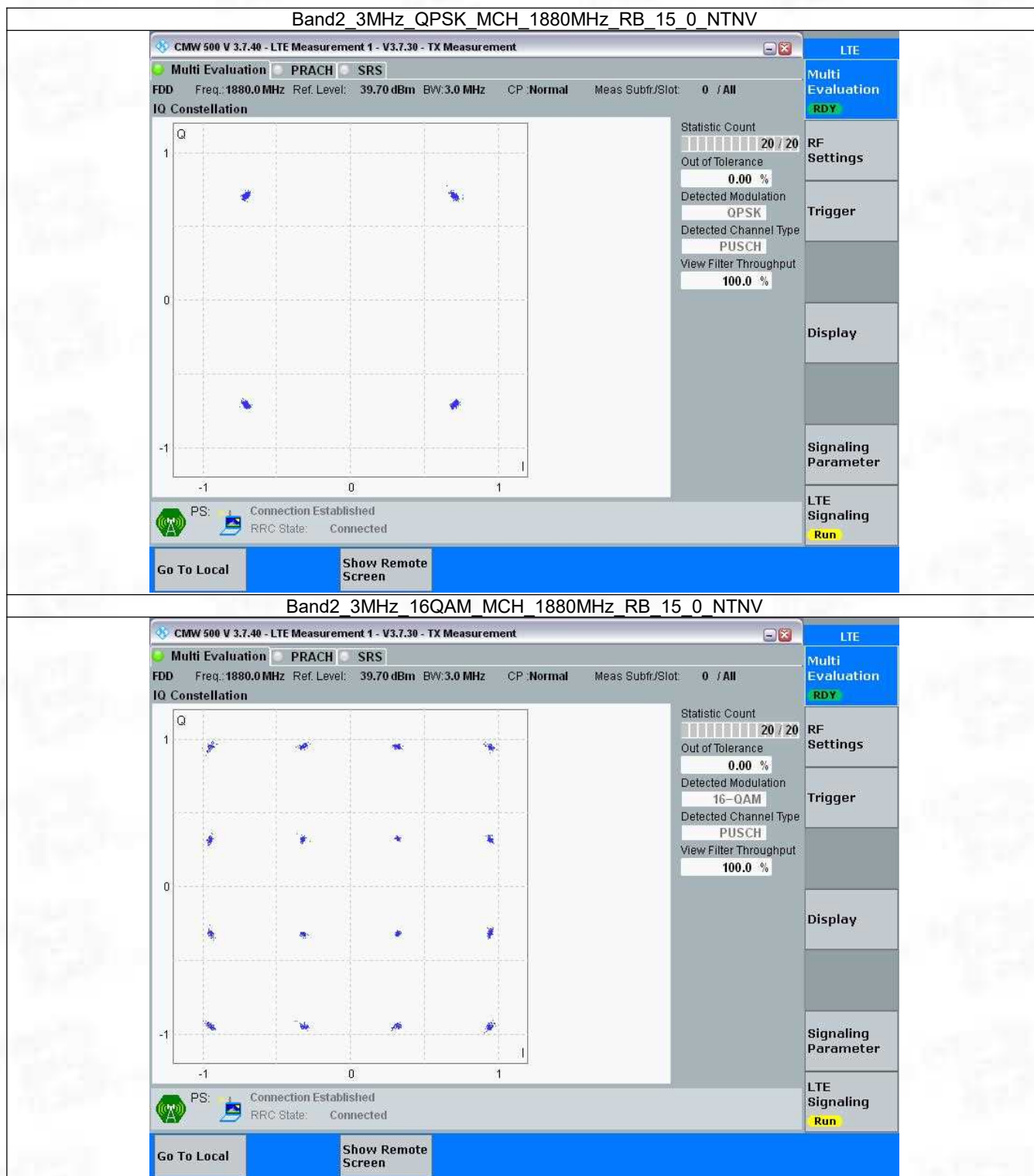
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

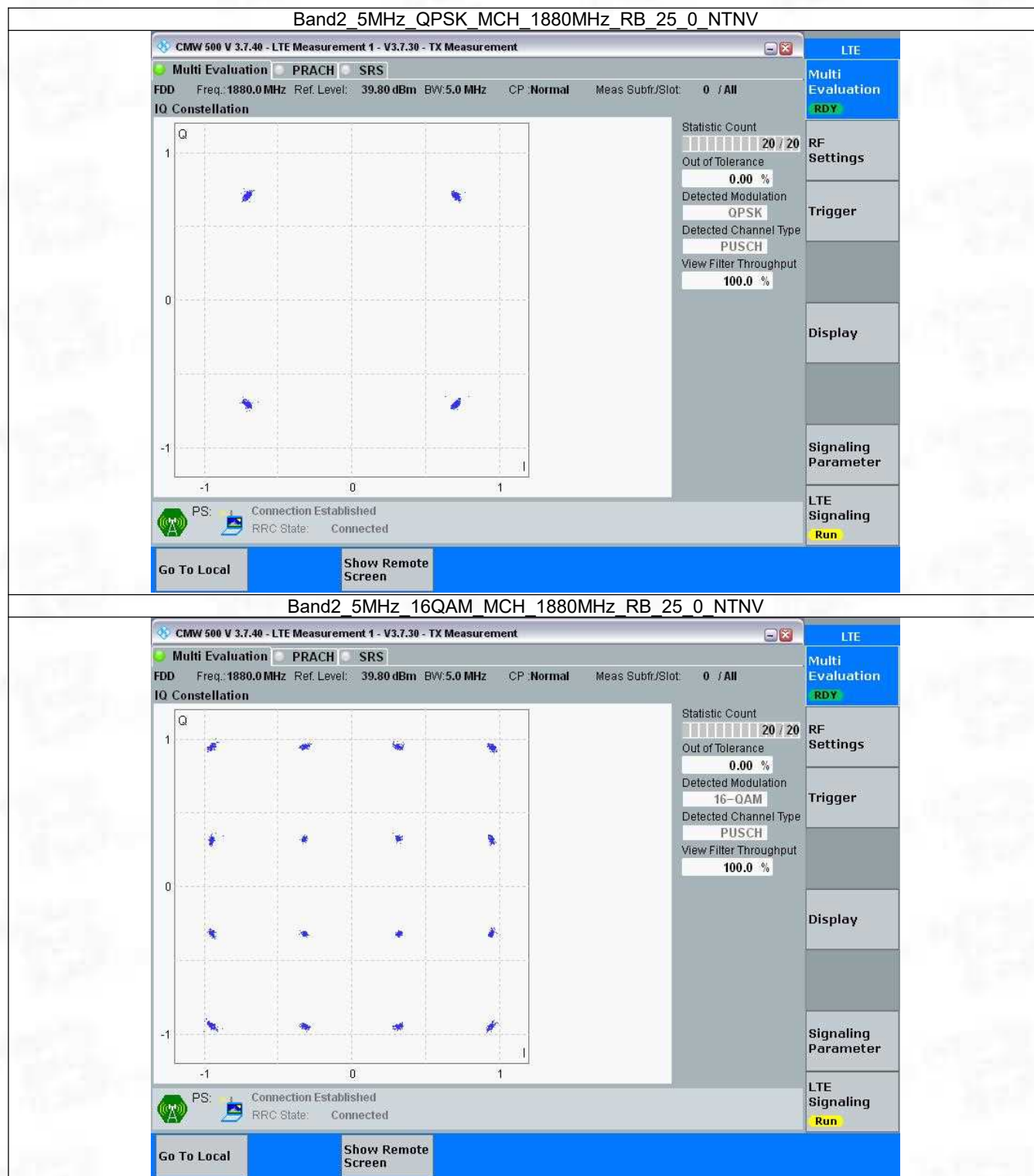
3.2.1 B2_1.4MHz



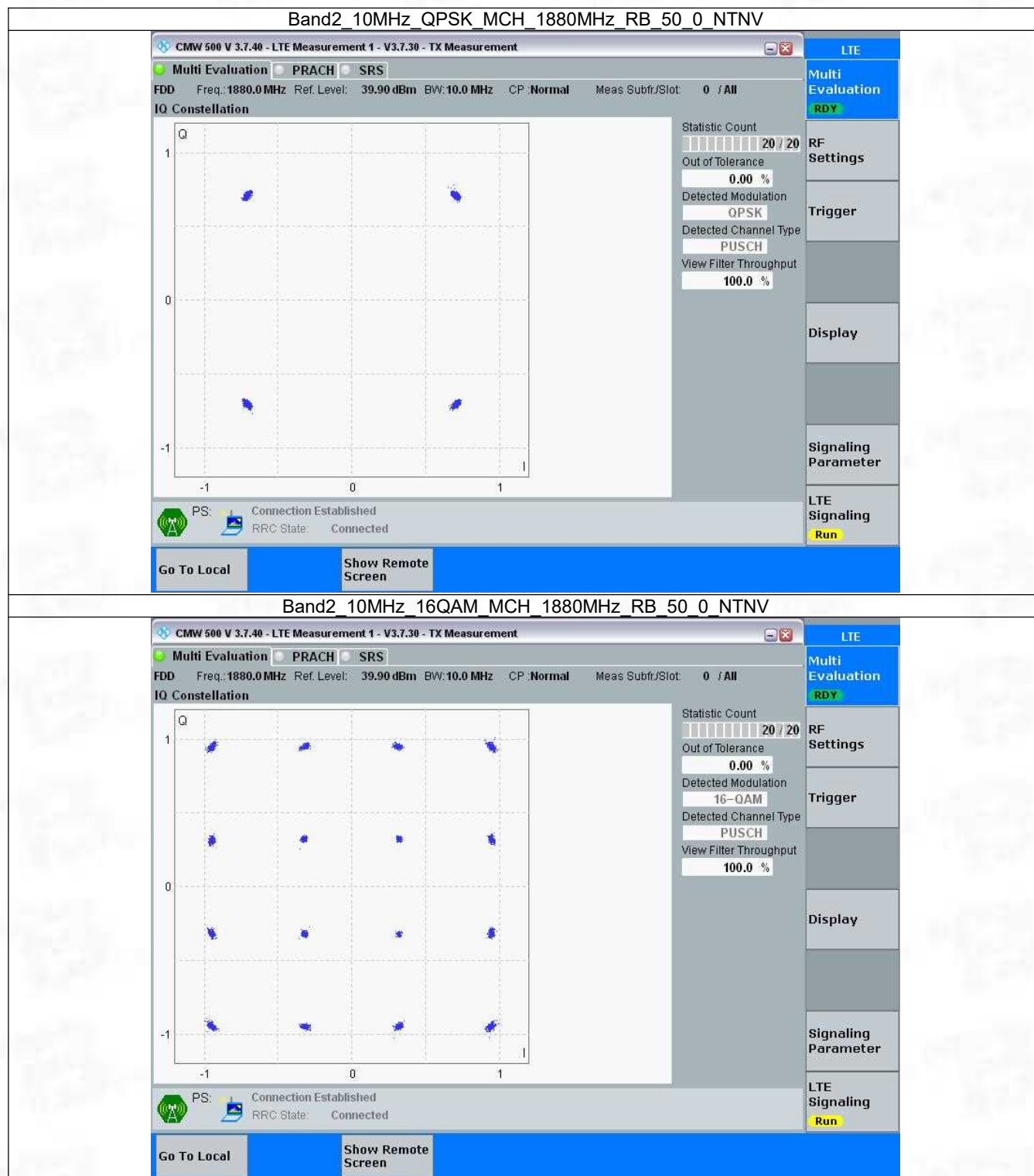
3.2.2 B2_3MHz



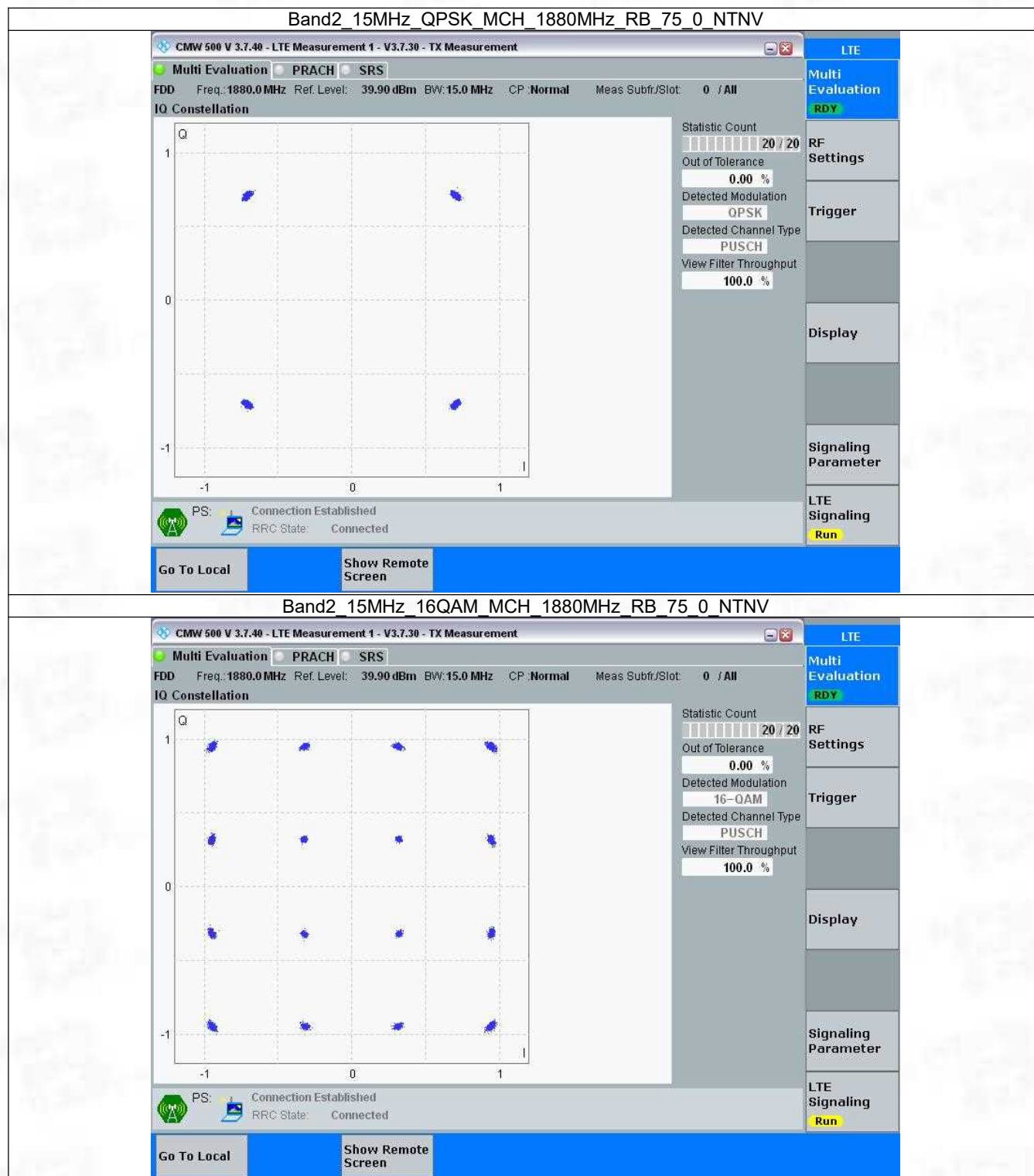
3.2.3 B2_5MHz



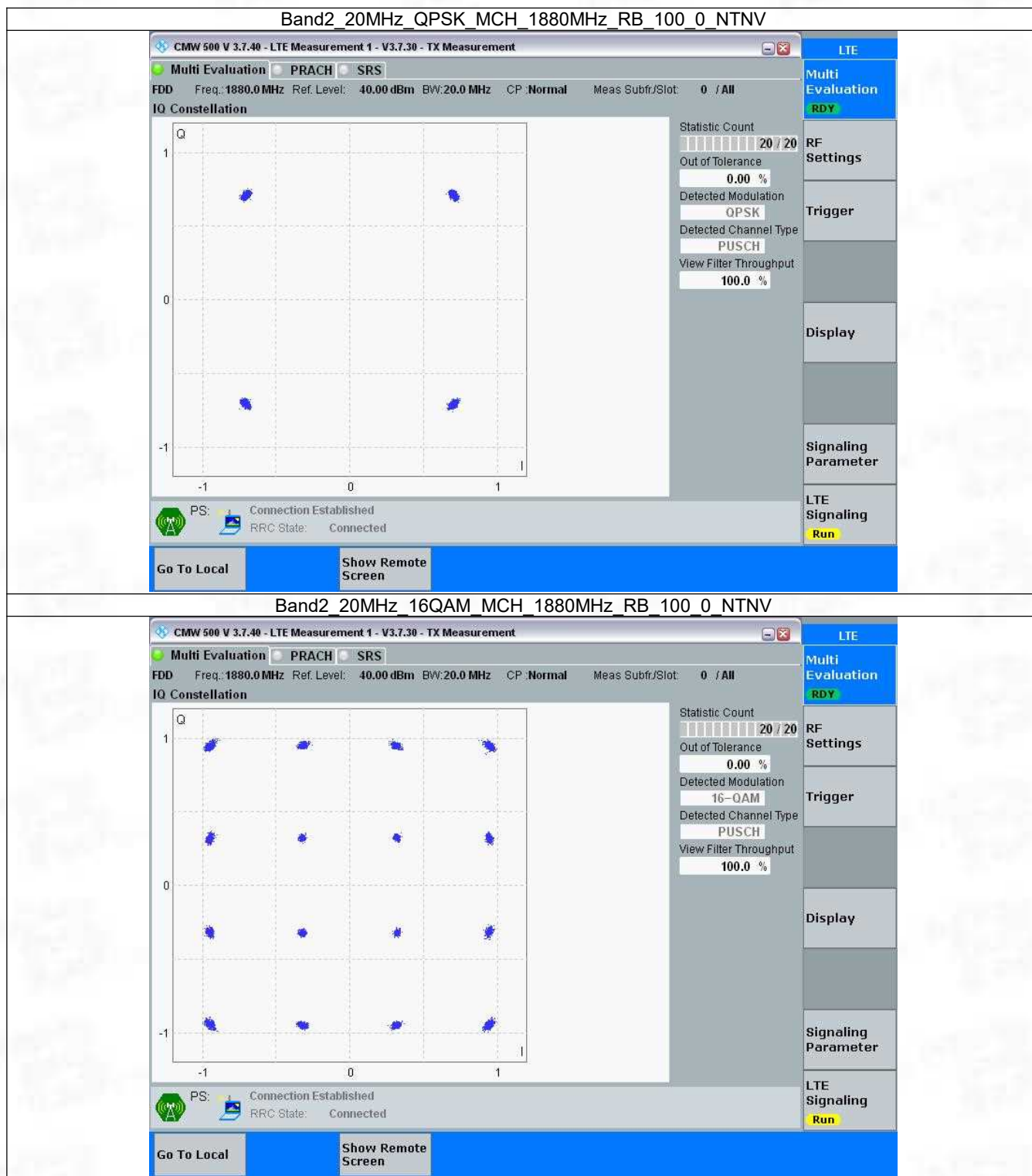
3.2.4 B2_10MHz



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 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.112	/	Pass
		1880	6	0	1.110	/	Pass
		1909.3	6	0	1.113	/	Pass
	16QAM	1850.7	6	0	1.114	/	Pass
		1880	6	0	1.105	/	Pass
		1909.3	6	0	1.126	/	Pass
3	QPSK	1851.5	15	0	2.746	/	Pass
		1880	15	0	2.756	/	Pass
		1908.5	15	0	2.762	/	Pass
	16QAM	1851.5	15	0	2.761	/	Pass
		1880	15	0	2.748	/	Pass
		1908.5	15	0	2.765	/	Pass
5	QPSK	1852.5	25	0	4.562	/	Pass
		1880	25	0	4.539	/	Pass
		1907.5	25	0	4.546	/	Pass
	16QAM	1852.5	25	0	4.535	/	Pass
		1880	25	0	4.568	/	Pass
		1907.5	25	0	4.549	/	Pass
10	QPSK	1855	50	0	9.042	/	Pass
		1880	50	0	9.056	/	Pass
		1905	50	0	9.060	/	Pass
	16QAM	1855	50	0	9.066	/	Pass
		1880	50	0	9.061	/	Pass
		1905	50	0	9.082	/	Pass
15	QPSK	1857.5	75	0	13.567	/	Pass
		1880	75	0	13.613	/	Pass
		1902.5	75	0	13.582	/	Pass
	16QAM	1857.5	75	0	13.591	/	Pass
		1880	75	0	13.605	/	Pass
		1902.5	75	0	13.637	/	Pass
20	QPSK	1860	100	0	18.124	/	Pass
		1880	100	0	18.197	/	Pass
		1900	100	0	18.090	/	Pass
	16QAM	1860	100	0	18.080	/	Pass
		1880	100	0	18.123	/	Pass
		1900	100	0	18.100	/	Pass

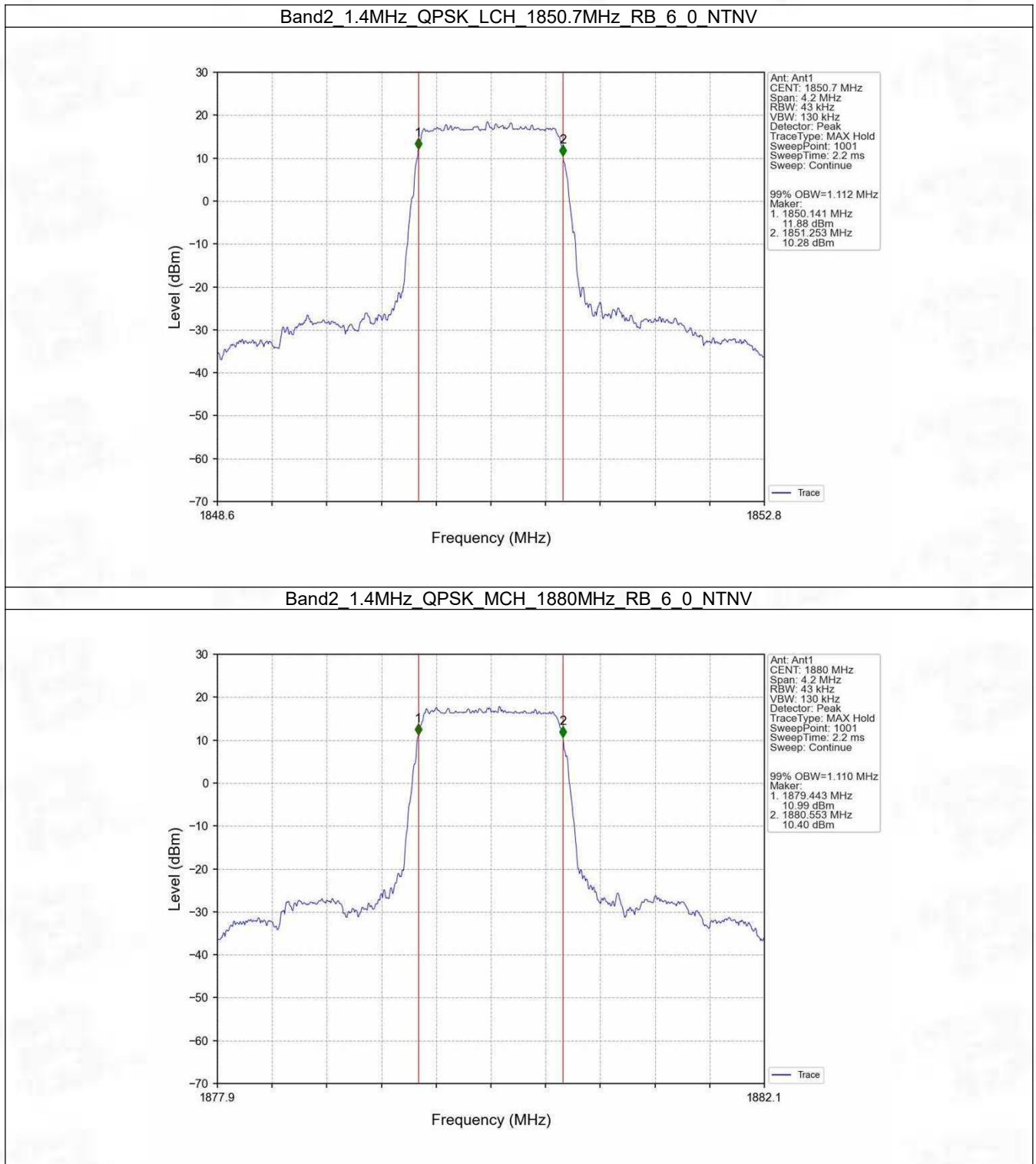
4.1.2 Band2_XDB

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	1.277	/	Pass
		1880	6	0	1.271	/	Pass
		1909.3	6	0	1.271	/	Pass

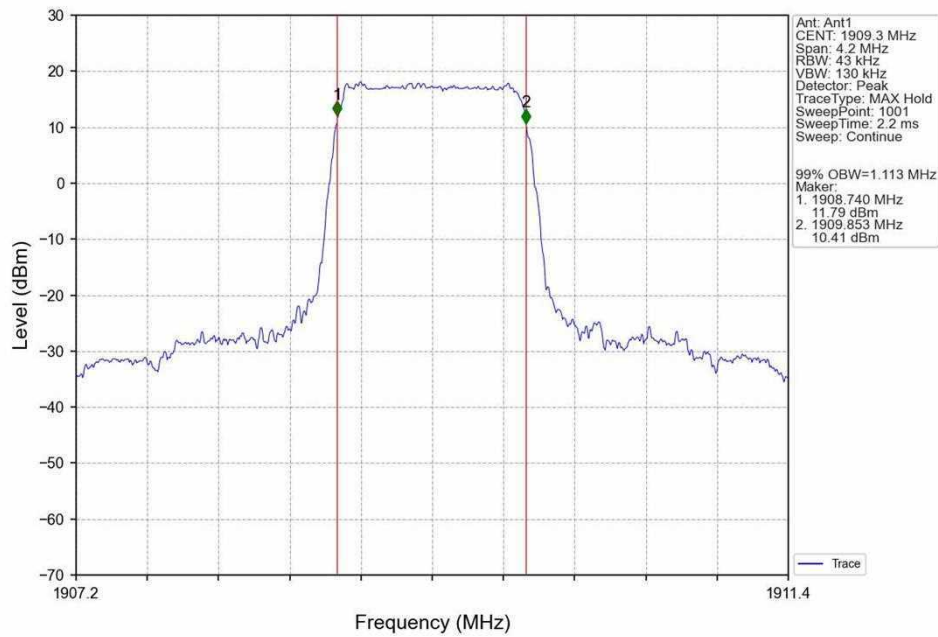
	16QAM	1850.7	6	0	1.283	/	Pass
		1880	6	0	1.266	/	Pass
		1909.3	6	0	1.275	/	Pass
3	QPSK	1851.5	15	0	3.087	/	Pass
		1880	15	0	3.088	/	Pass
		1908.5	15	0	3.086	/	Pass
	16QAM	1851.5	15	0	3.093	/	Pass
		1880	15	0	3.078	/	Pass
		1908.5	15	0	3.095	/	Pass
5	QPSK	1852.5	25	0	5.033	/	Pass
		1880	25	0	5.037	/	Pass
		1907.5	25	0	5.068	/	Pass
	16QAM	1852.5	25	0	5.044	/	Pass
		1880	25	0	5.058	/	Pass
		1907.5	25	0	5.084	/	Pass
10	QPSK	1855	50	0	10.032	/	Pass
		1880	50	0	10.065	/	Pass
		1905	50	0	10.077	/	Pass
	16QAM	1855	50	0	10.043	/	Pass
		1880	50	0	10.086	/	Pass
		1905	50	0	9.987	/	Pass
15	QPSK	1857.5	75	0	15.174	/	Pass
		1880	75	0	15.177	/	Pass
		1902.5	75	0	15.219	/	Pass
	16QAM	1857.5	75	0	15.287	/	Pass
		1880	75	0	15.209	/	Pass
		1902.5	75	0	15.159	/	Pass
20	QPSK	1860	100	0	20.024	/	Pass
		1880	100	0	20.146	/	Pass
		1900	100	0	19.880	/	Pass
	16QAM	1860	100	0	19.977	/	Pass
		1880	100	0	20.027	/	Pass
		1900	100	0	19.999	/	Pass

4.2 Test Graph

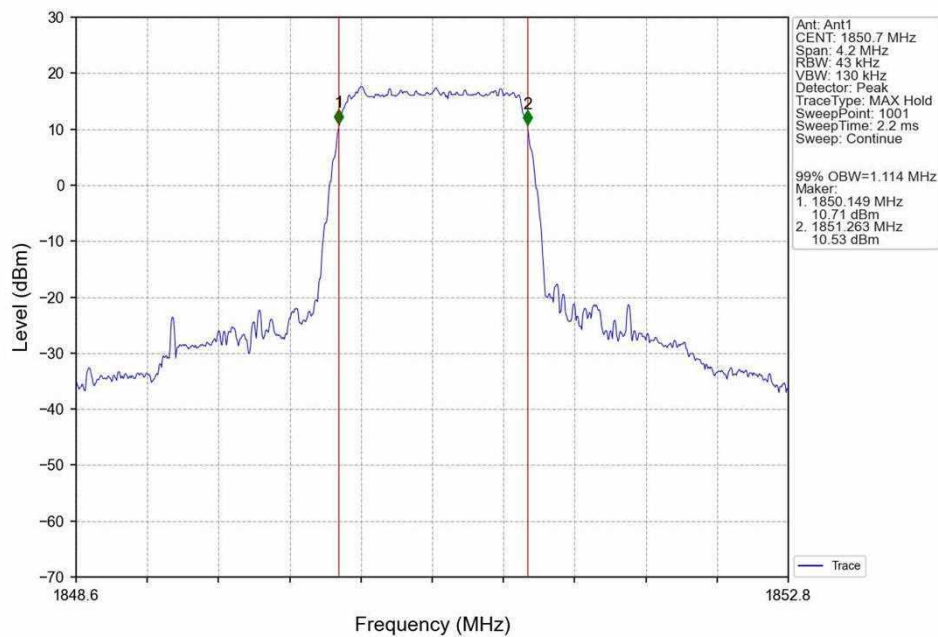
4.2.1 Band2_OBW



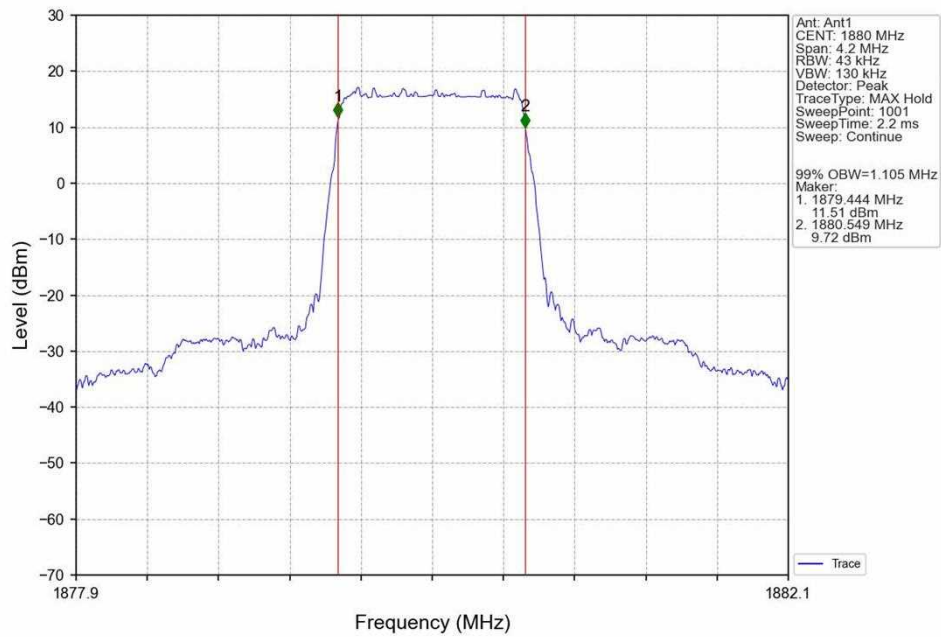
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



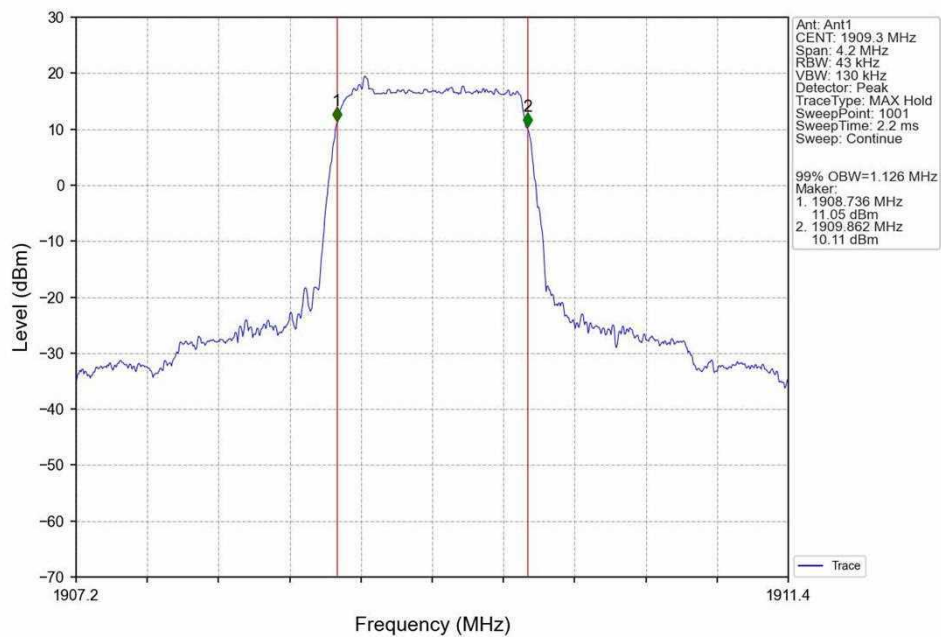
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



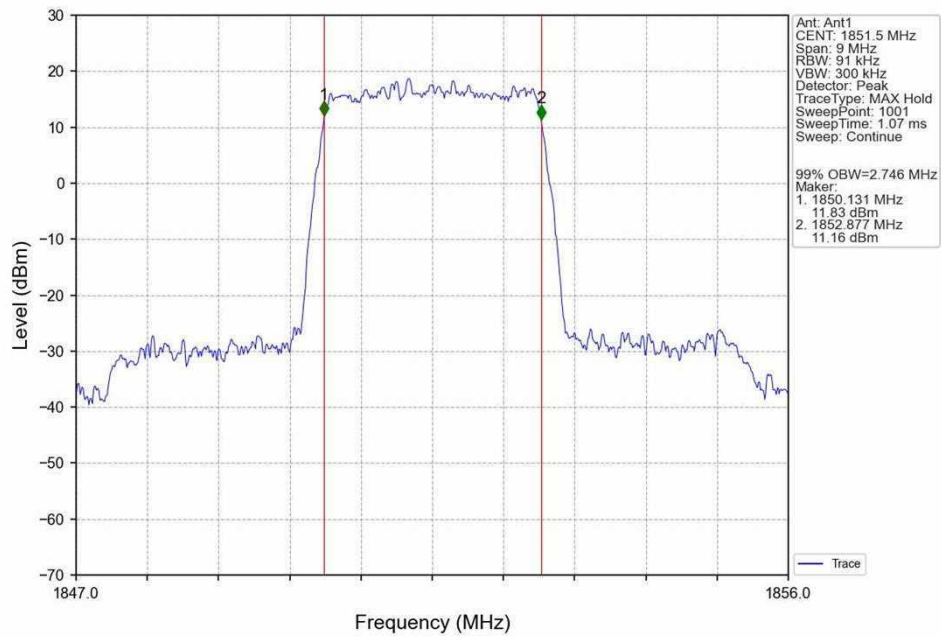
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



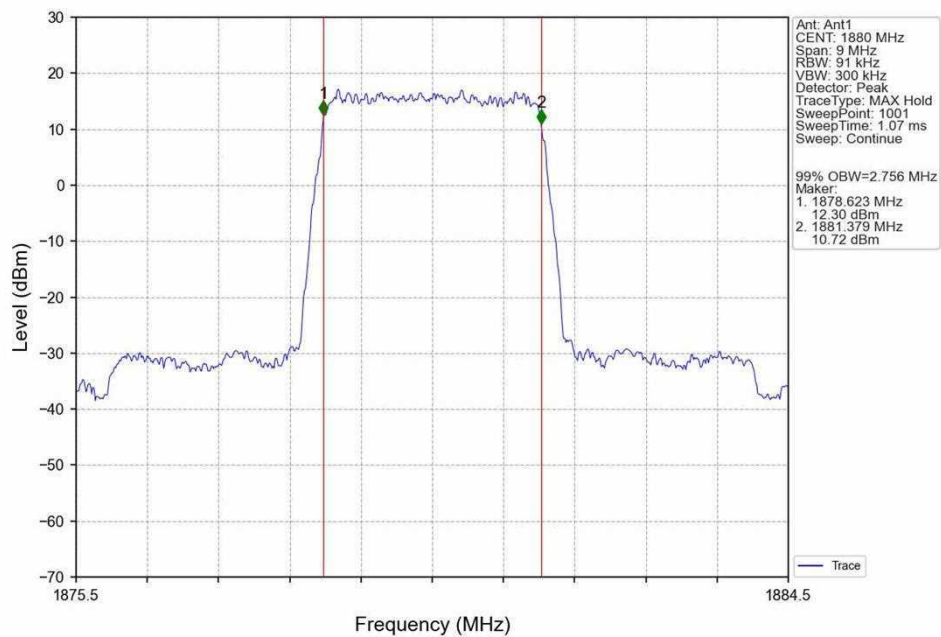
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



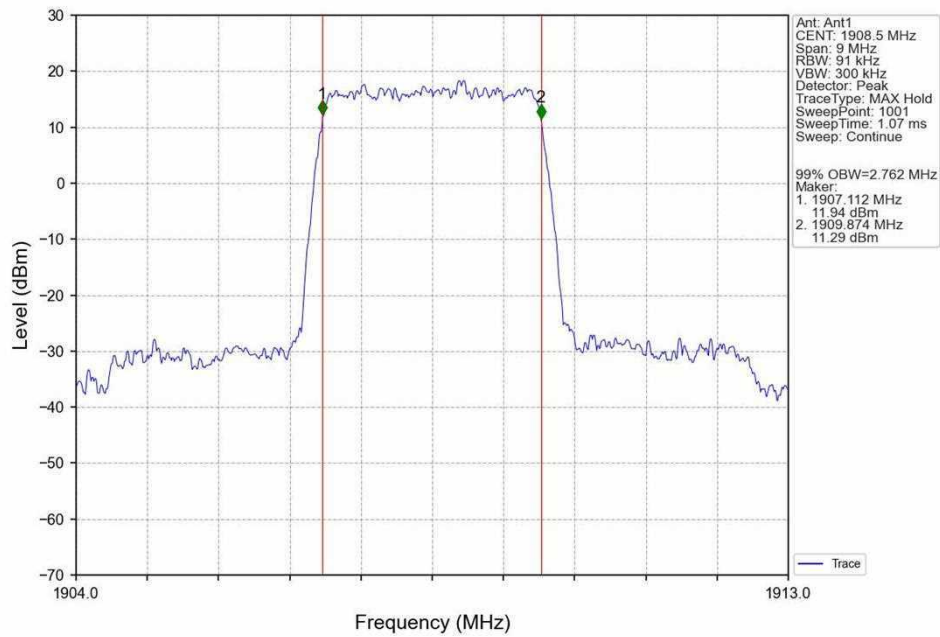
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



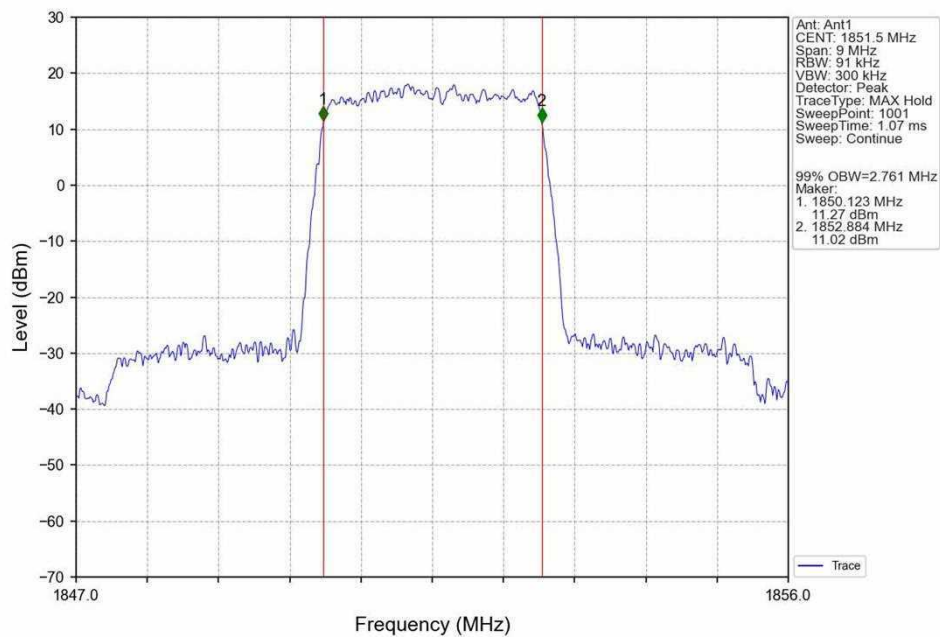
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



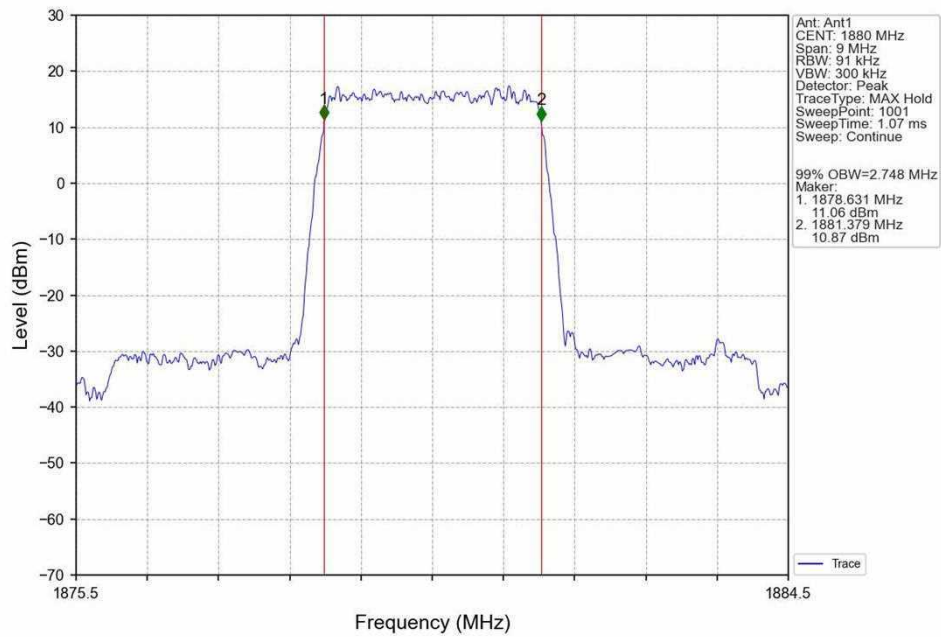
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



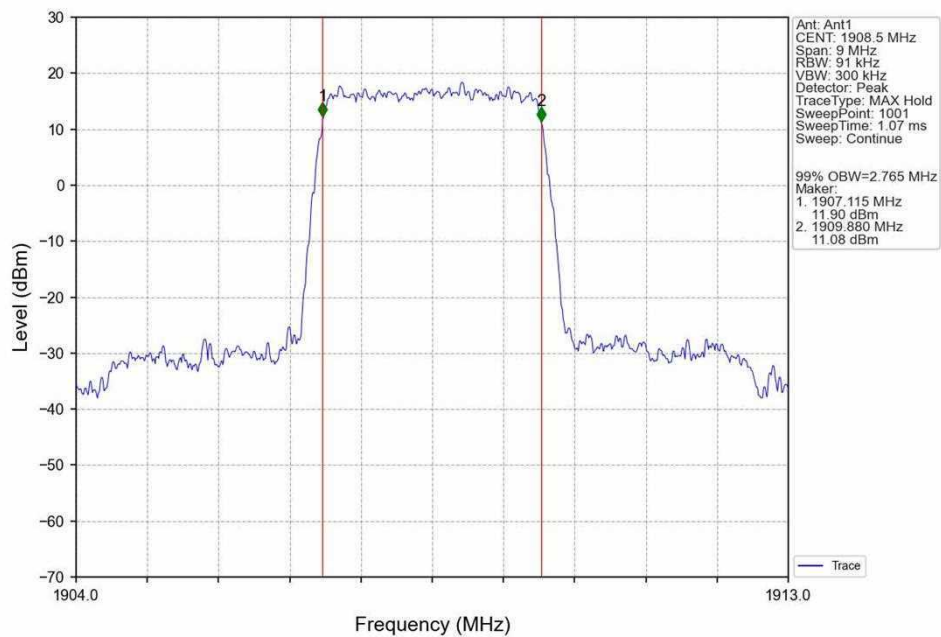
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



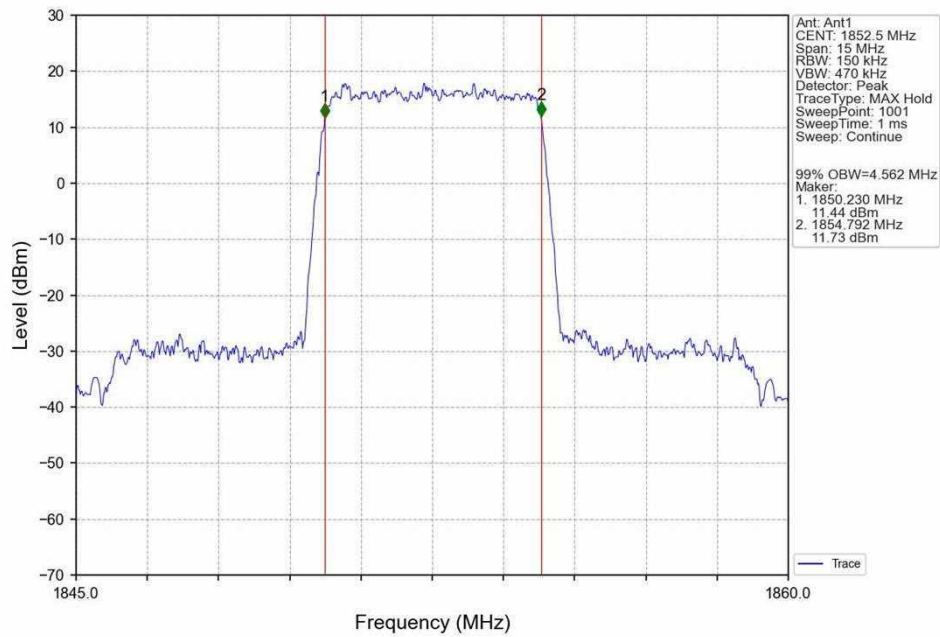
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



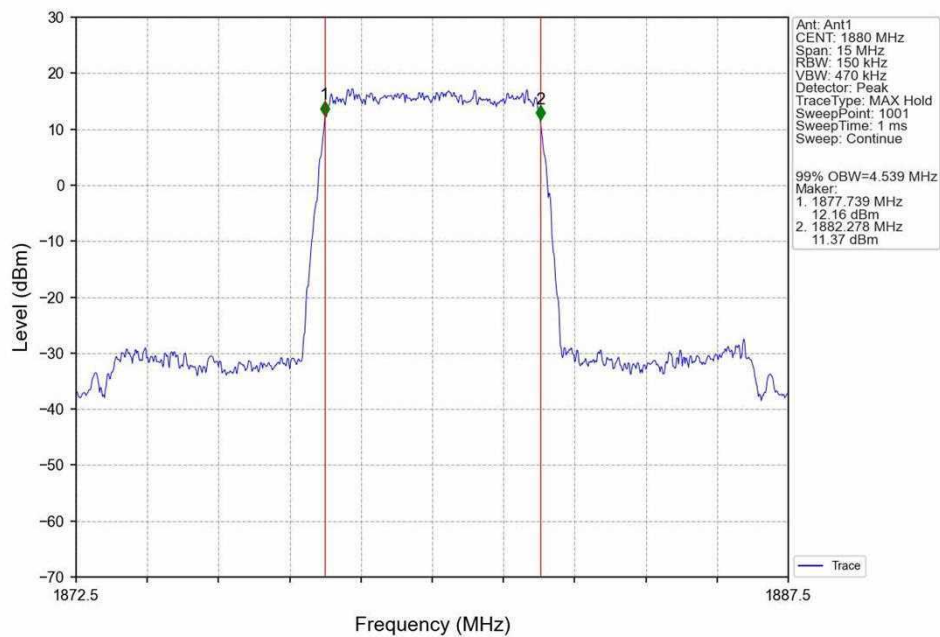
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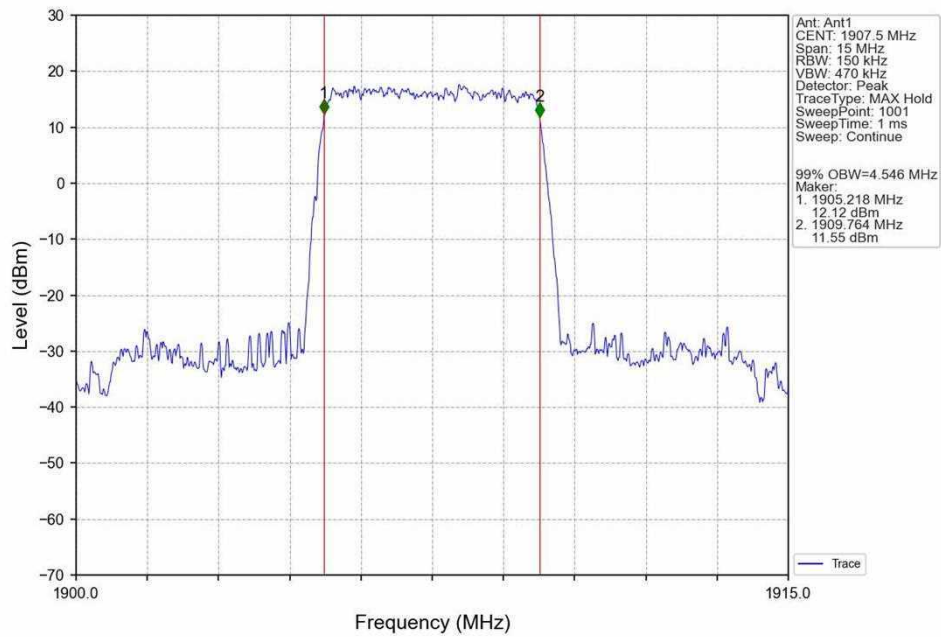
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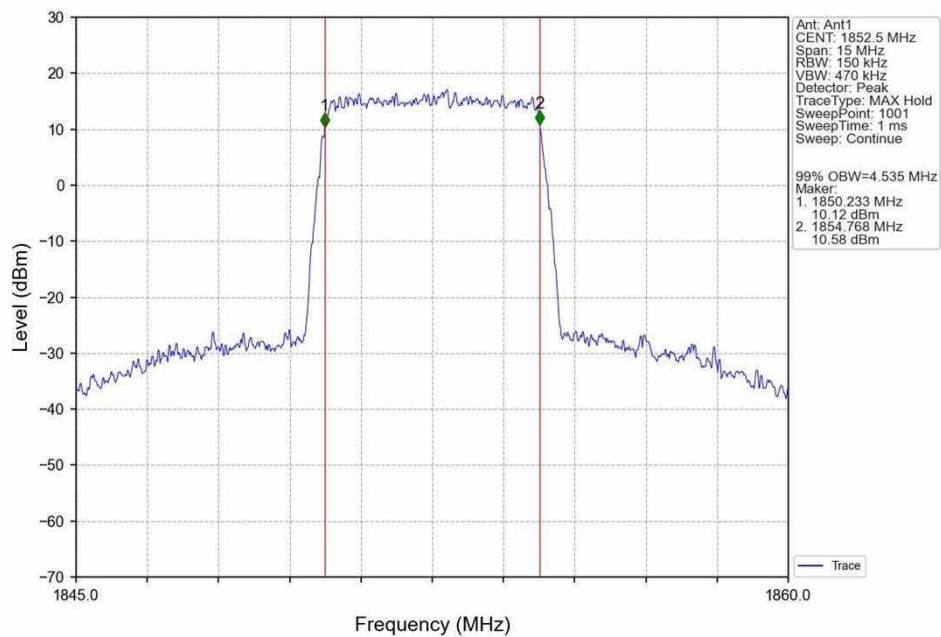
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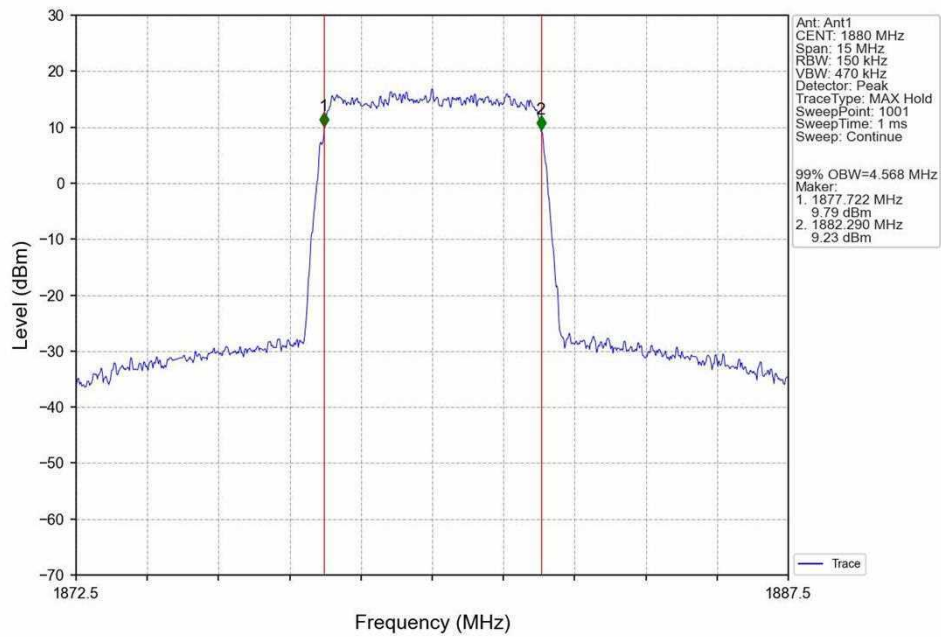
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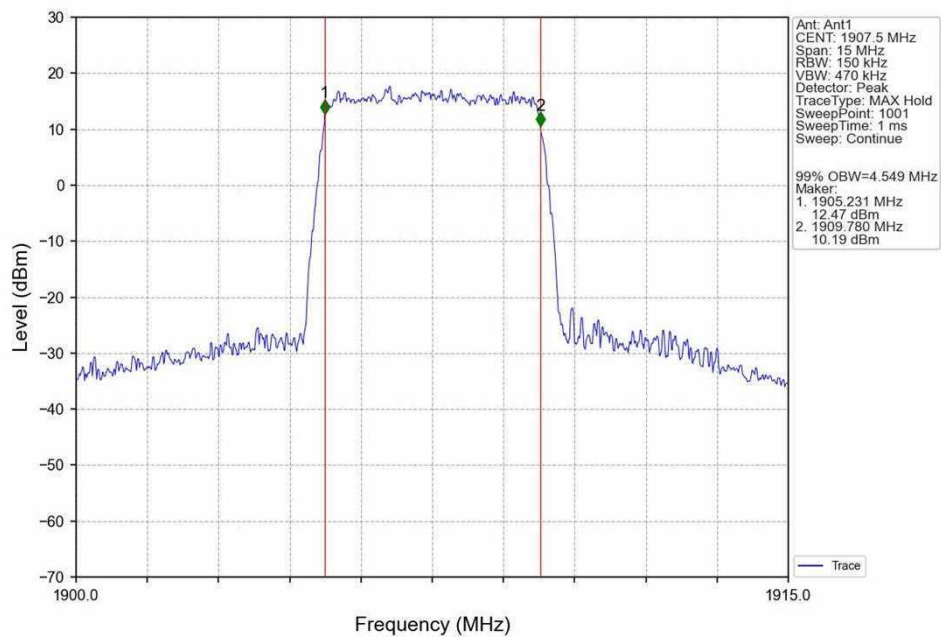
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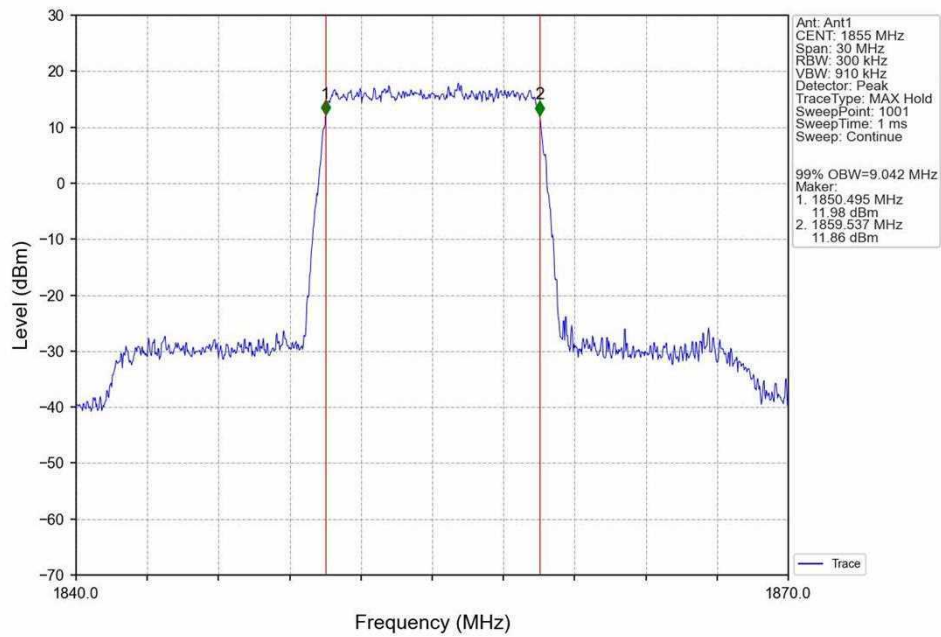
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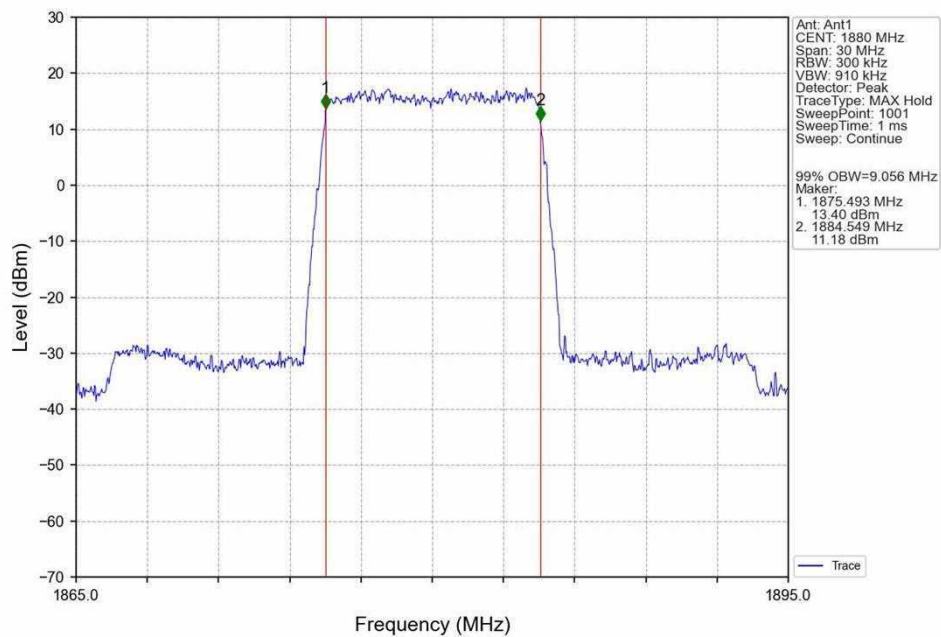
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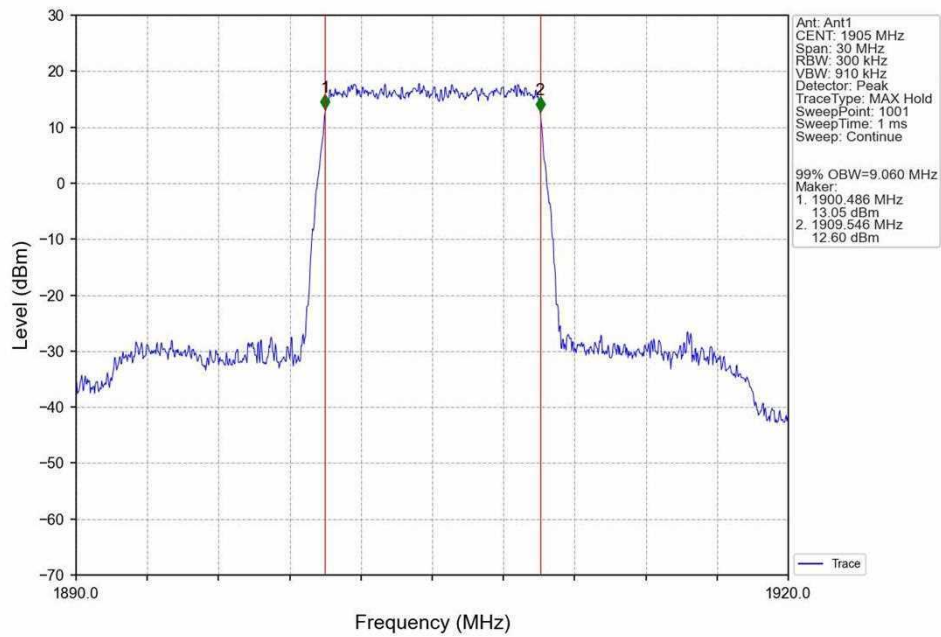
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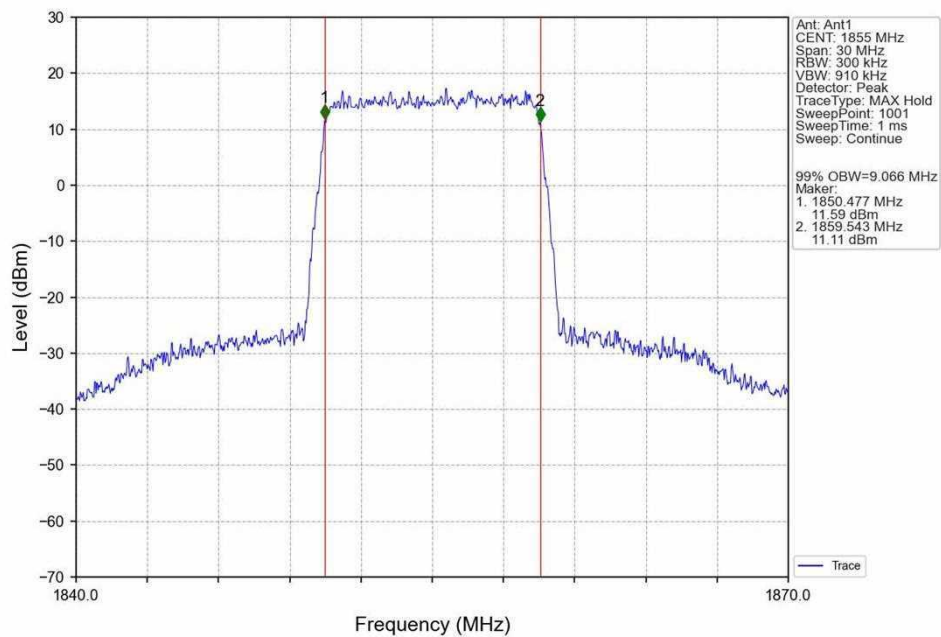
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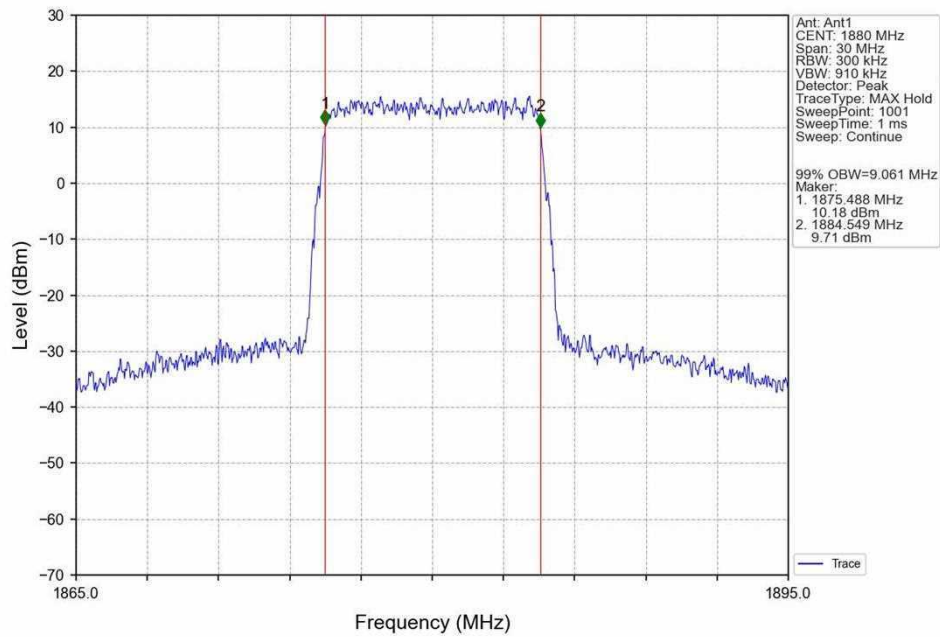
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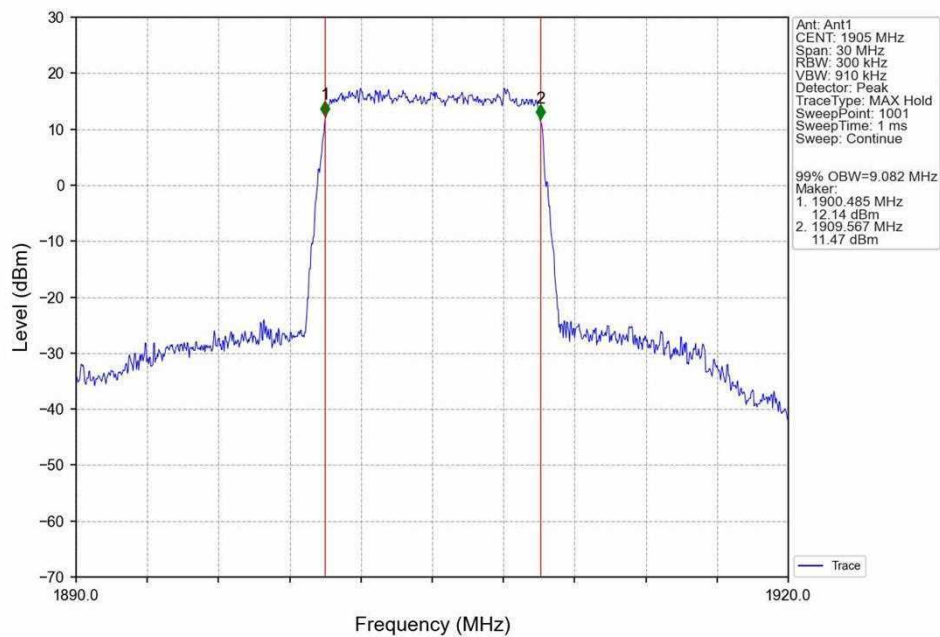
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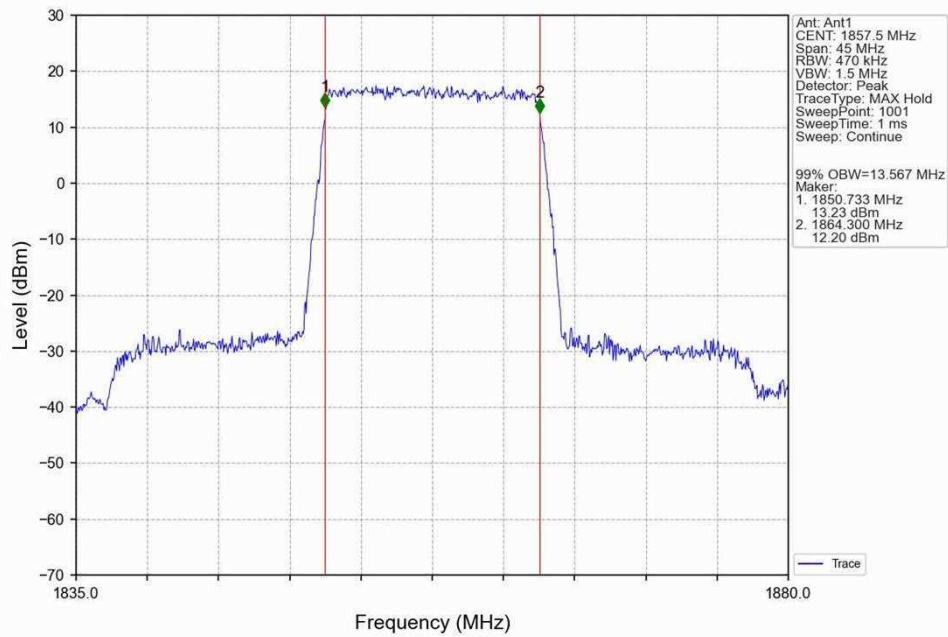
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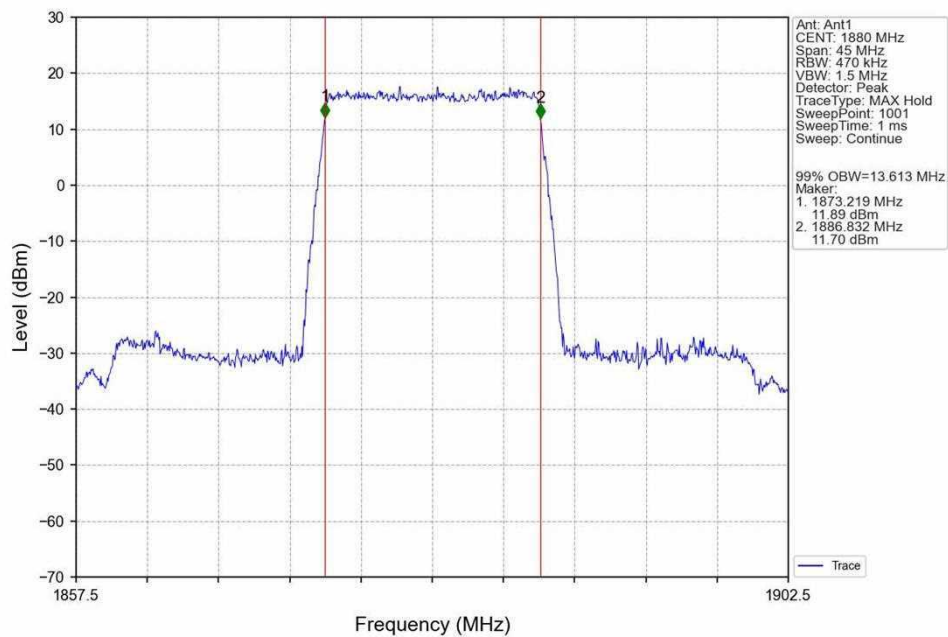
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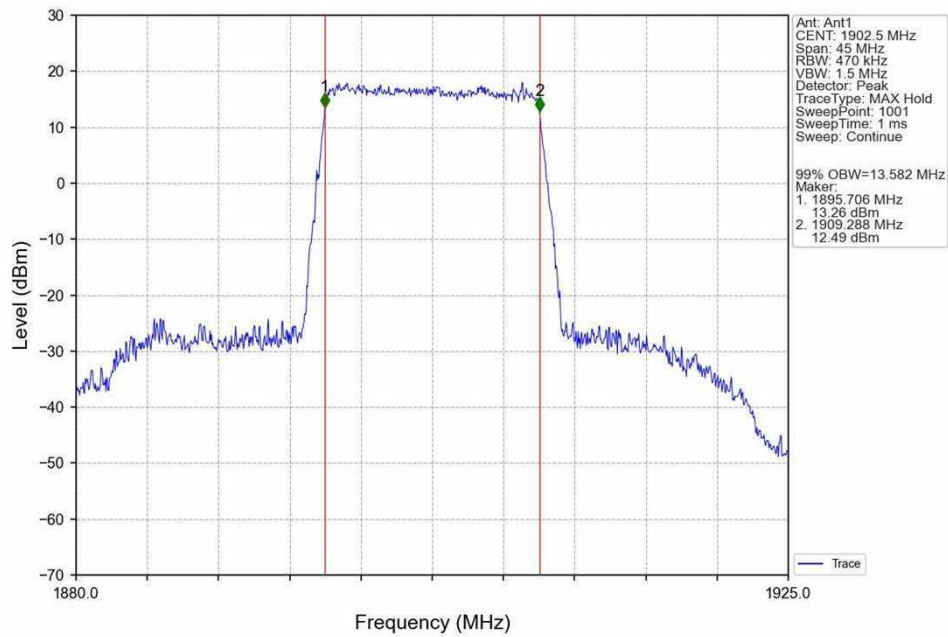
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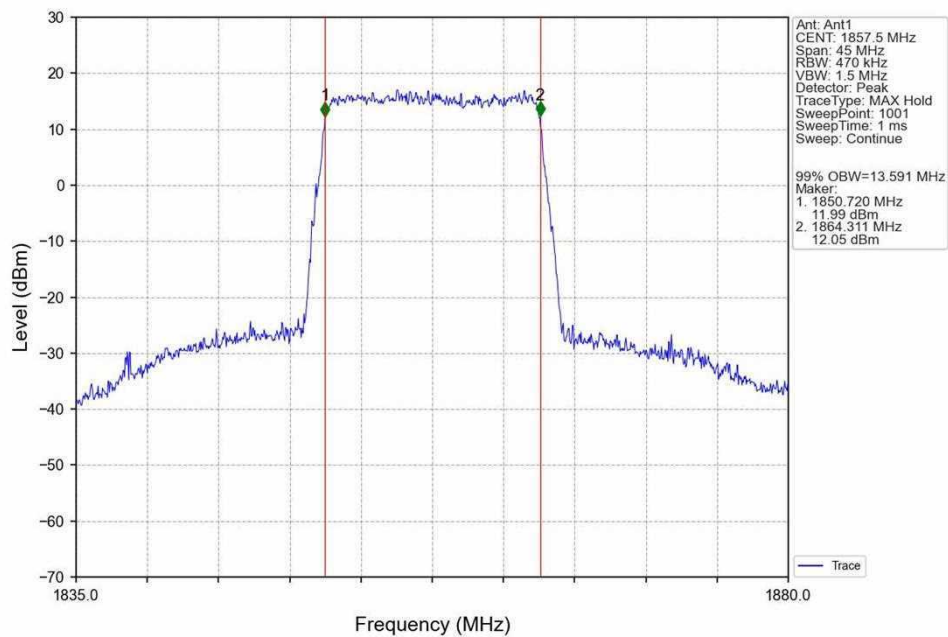
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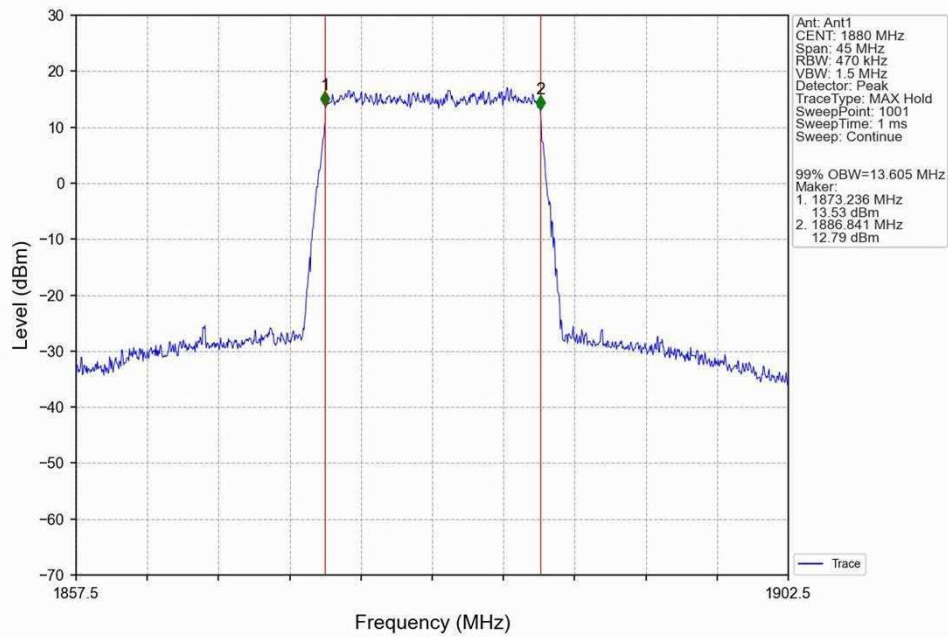
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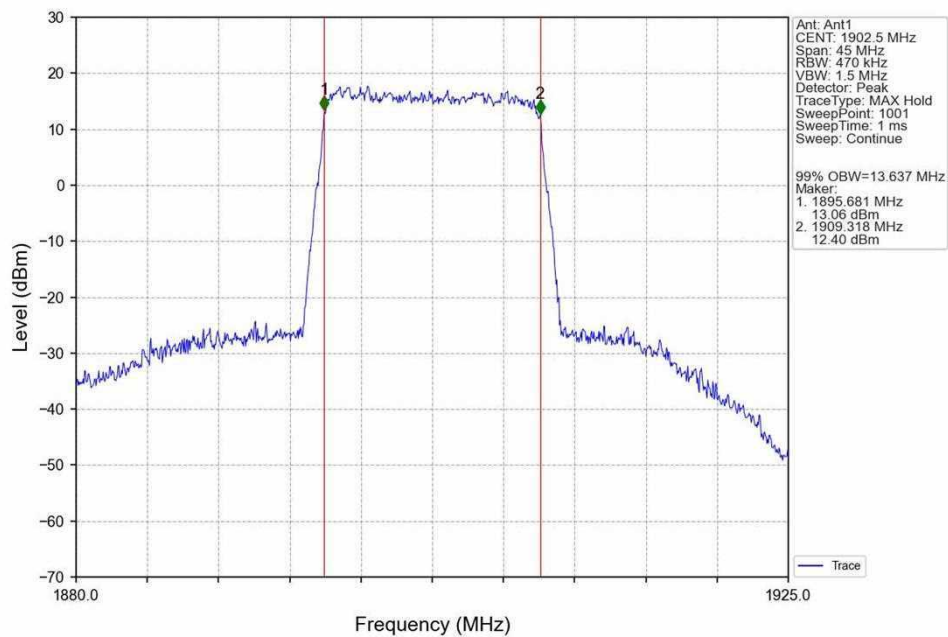
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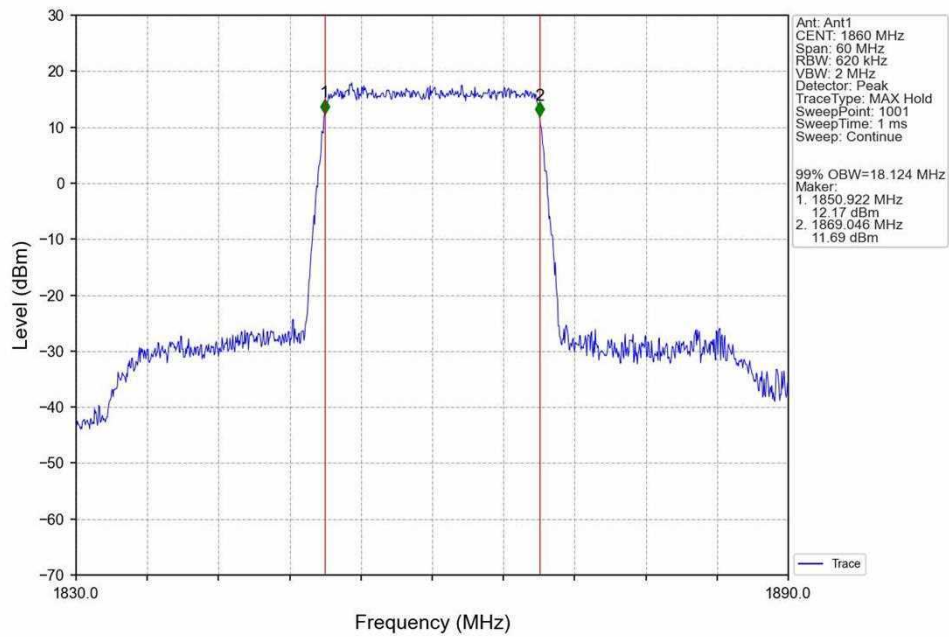
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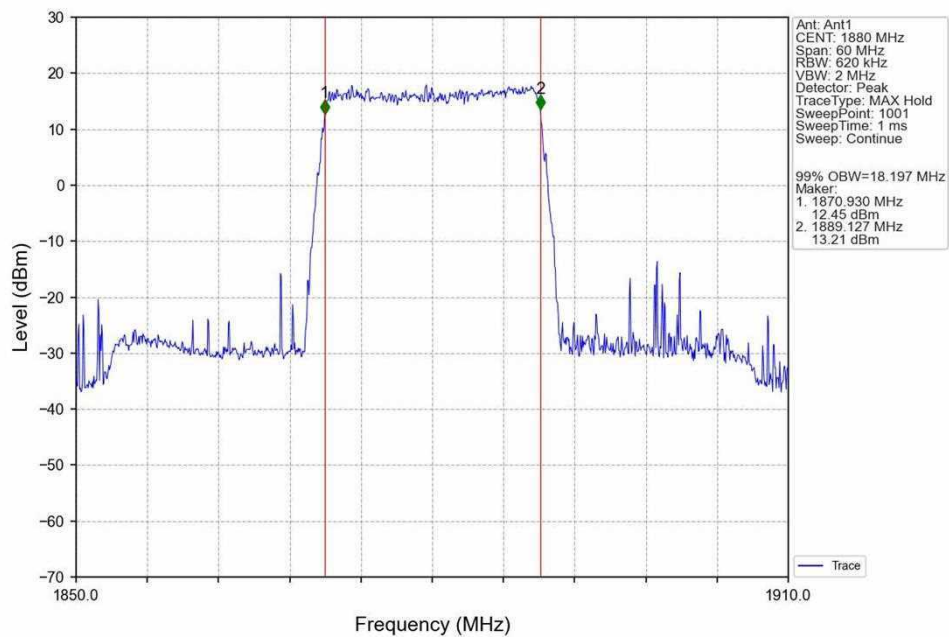
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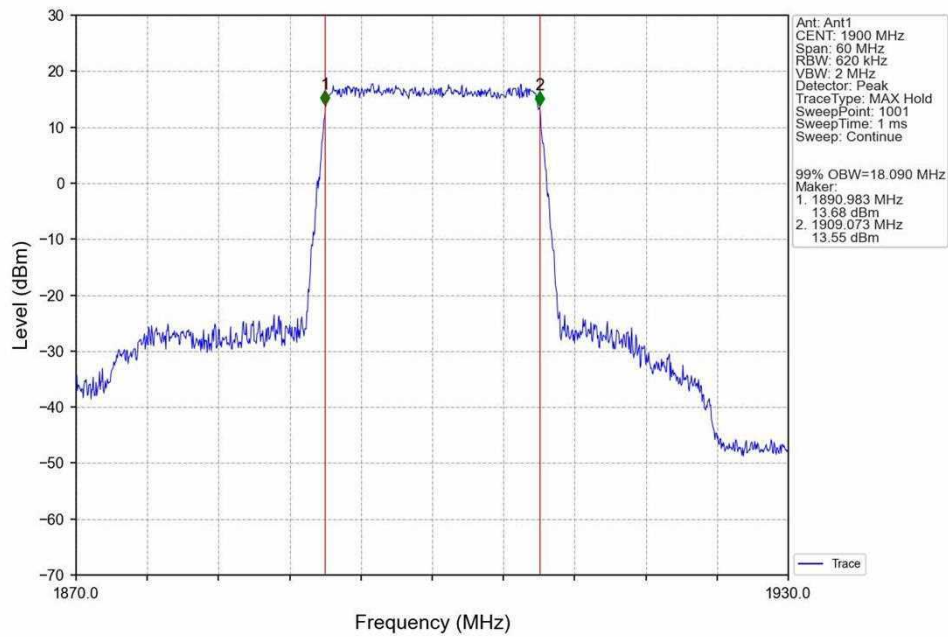
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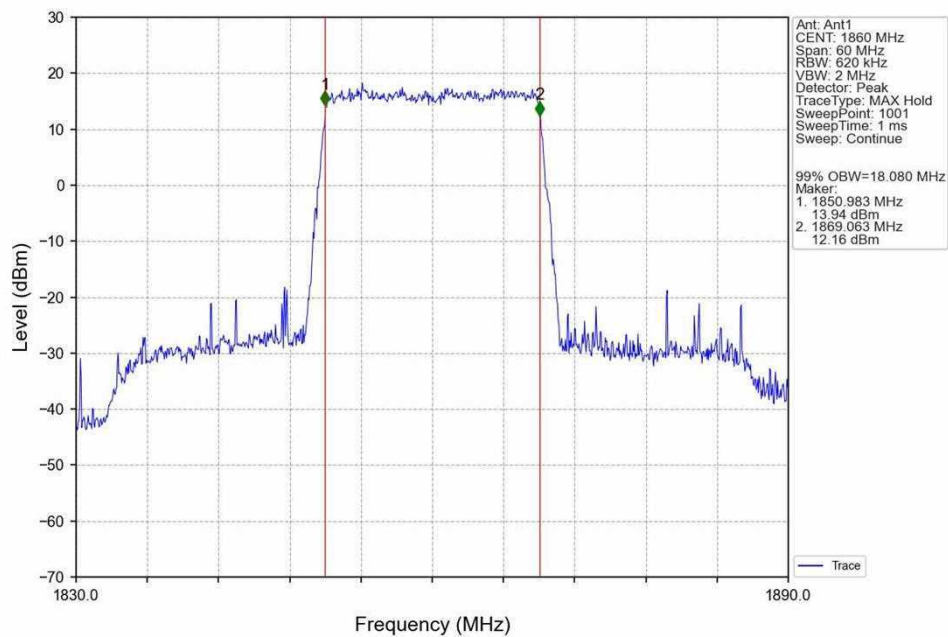
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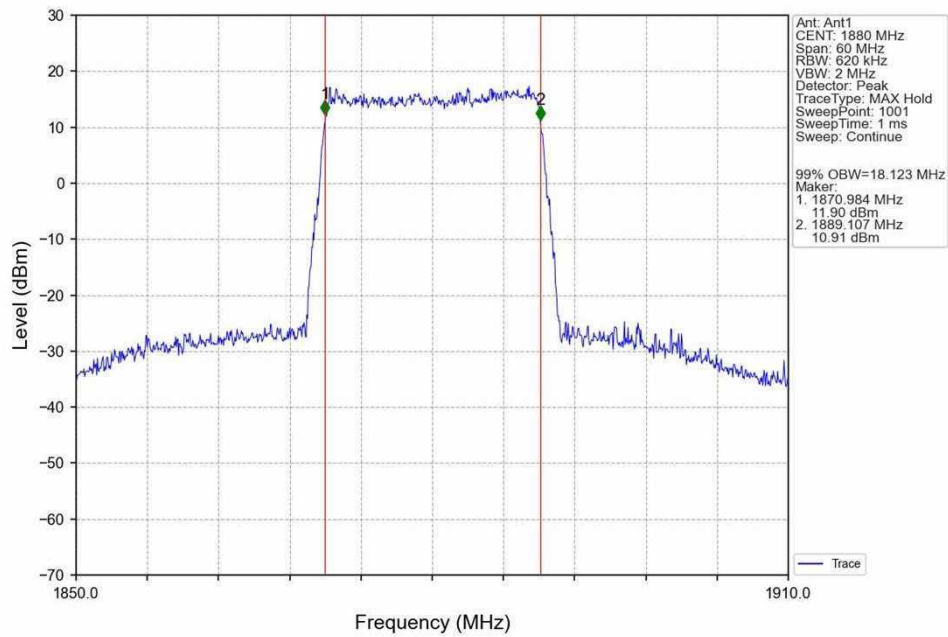
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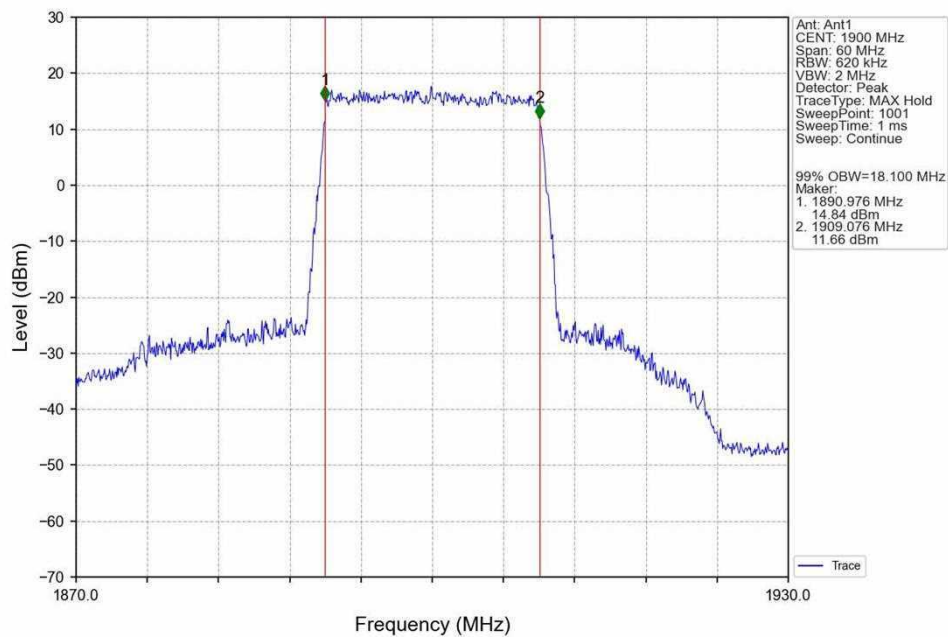
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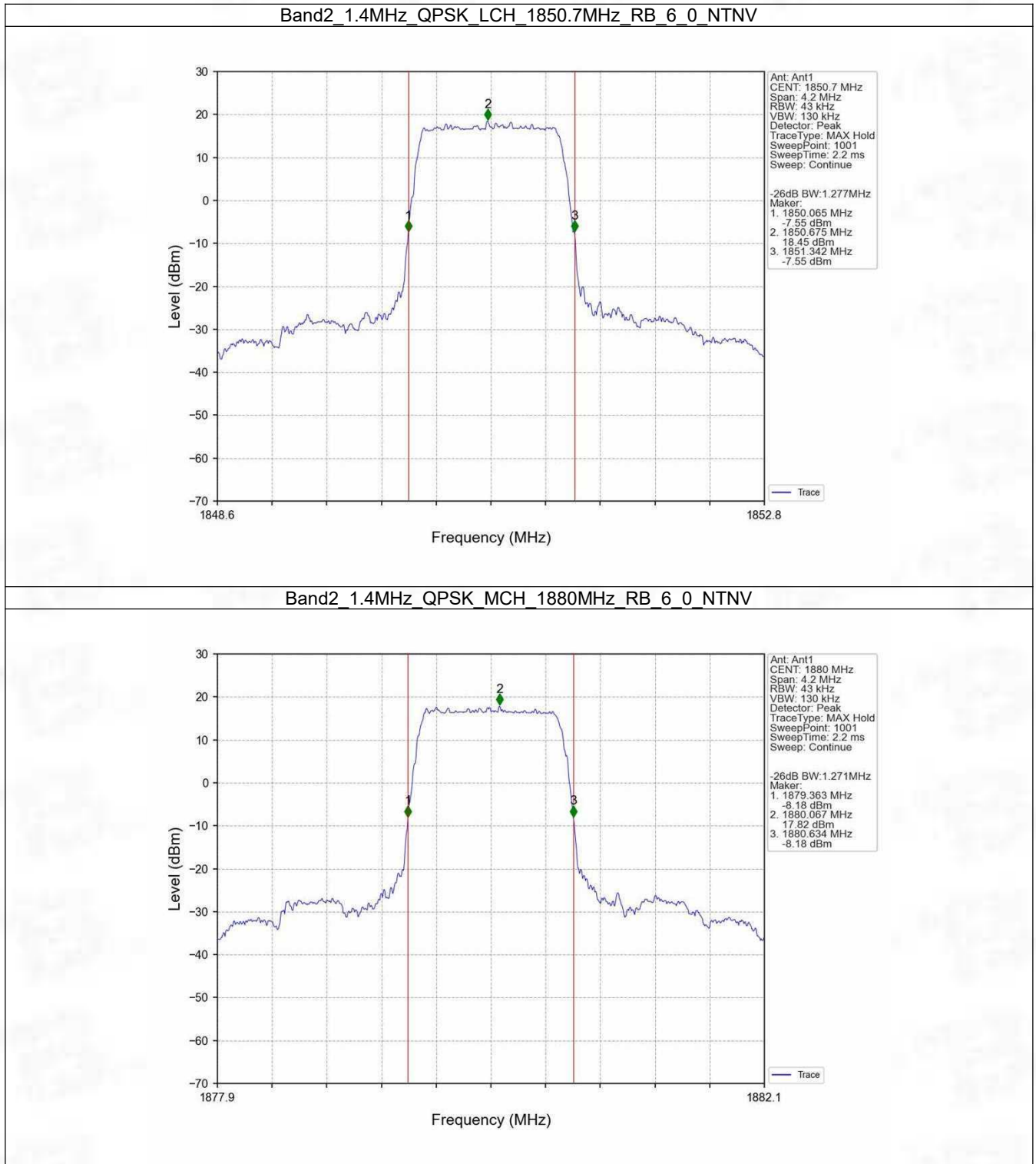
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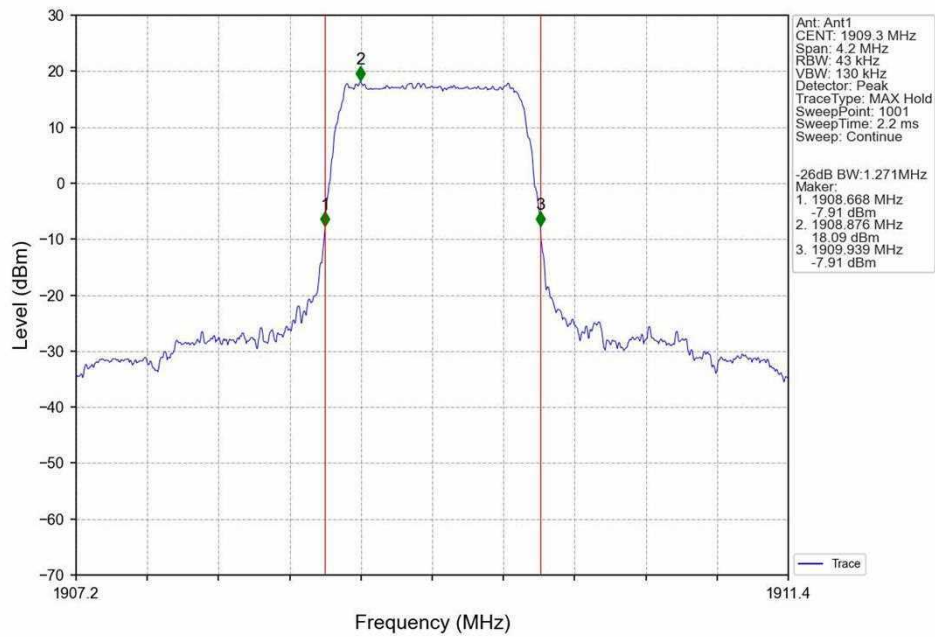
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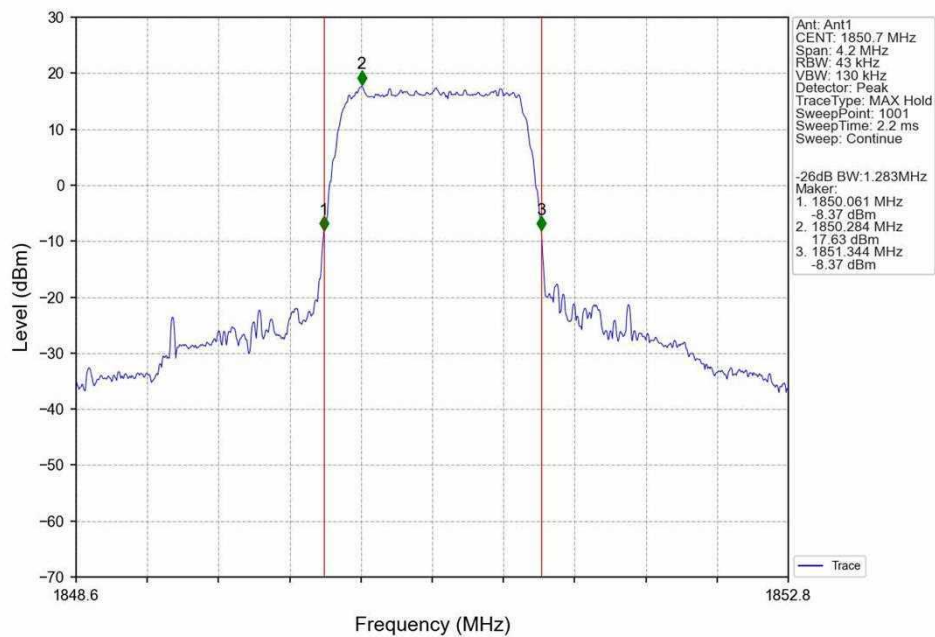
4.2.2 Band2_XDB



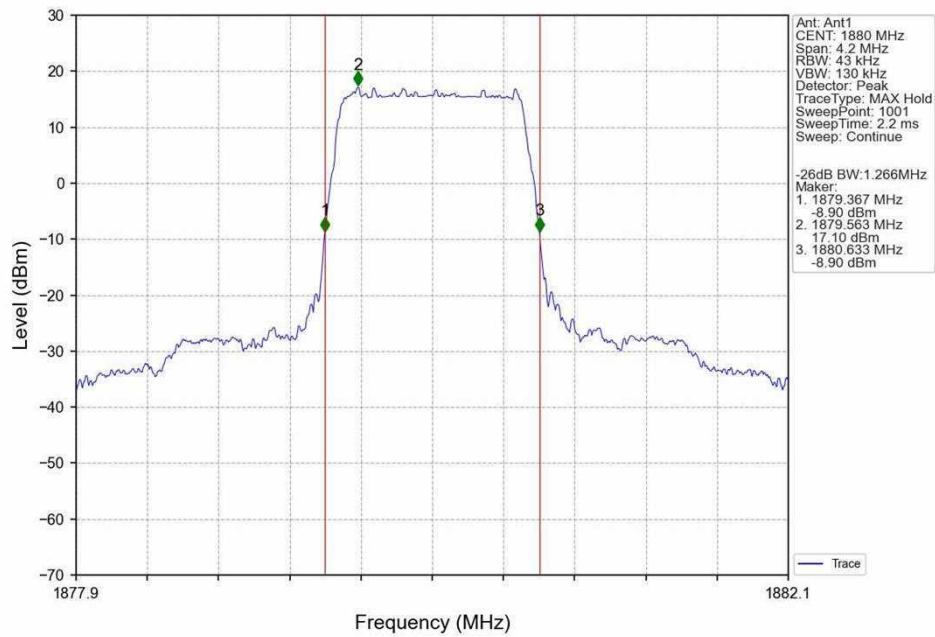
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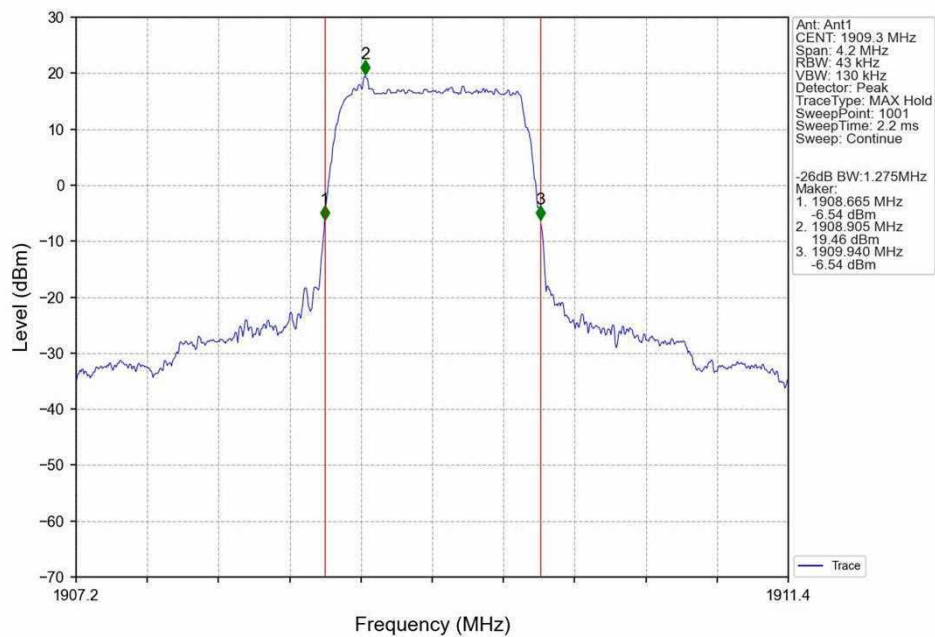
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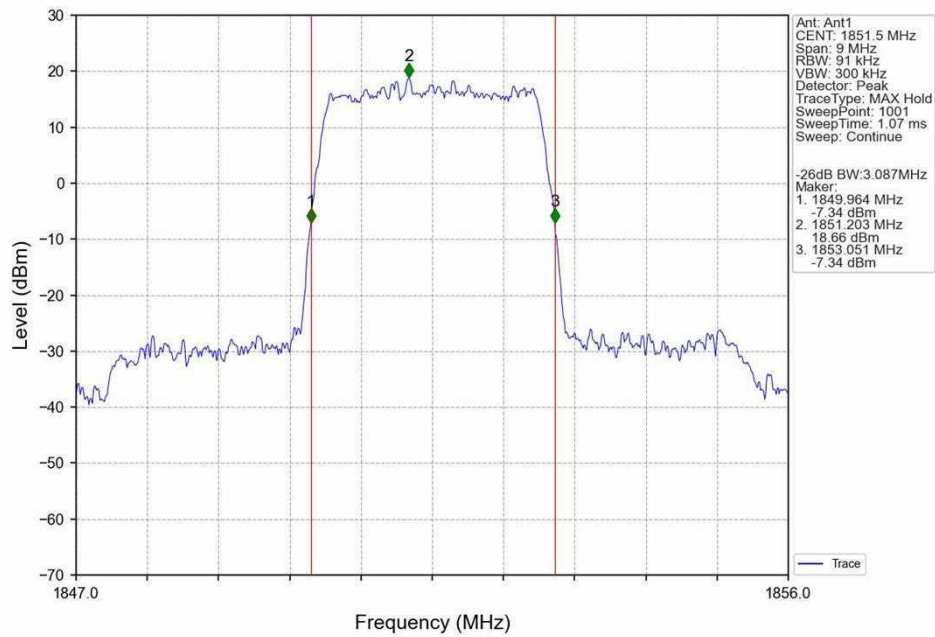
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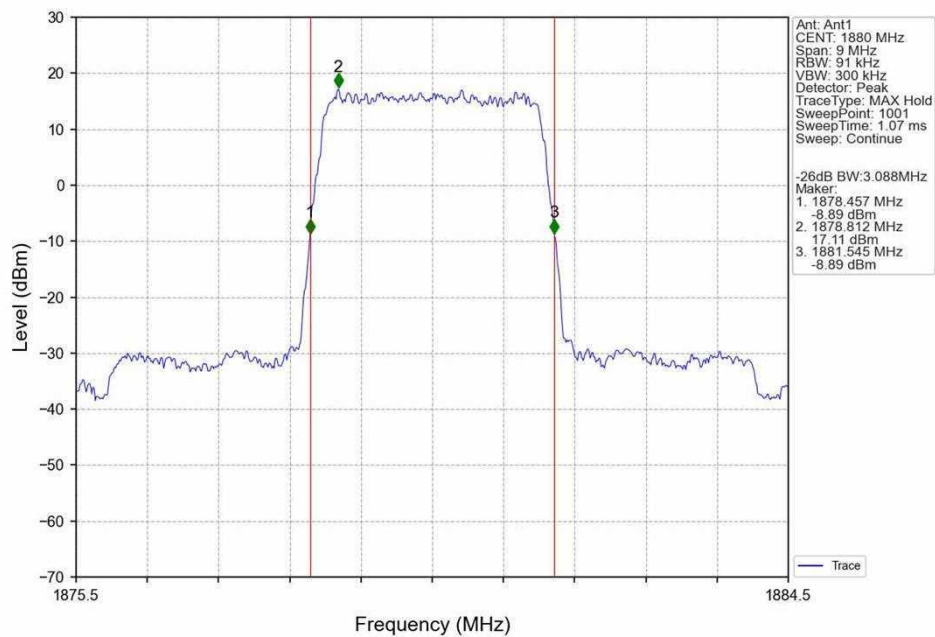
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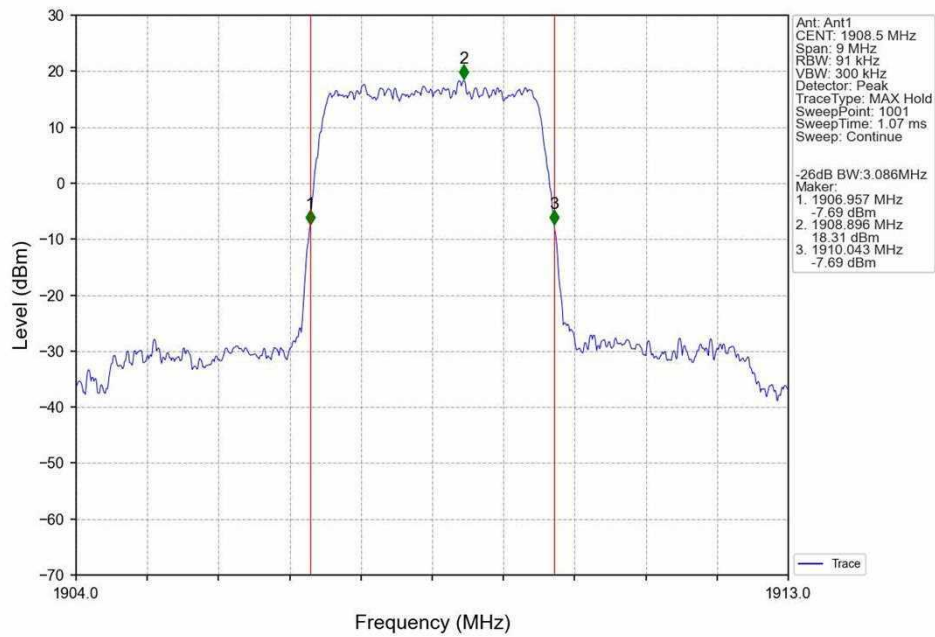
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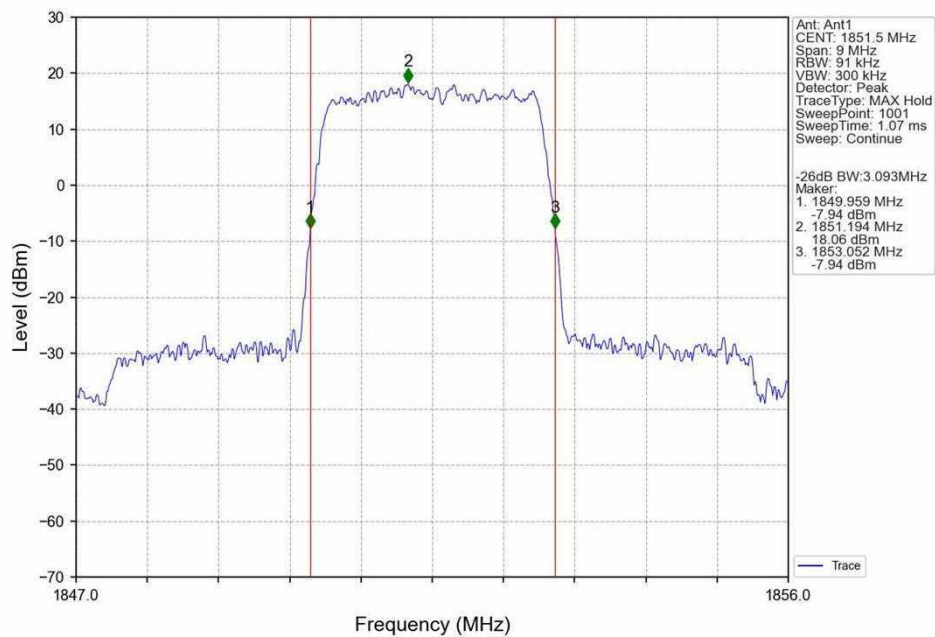
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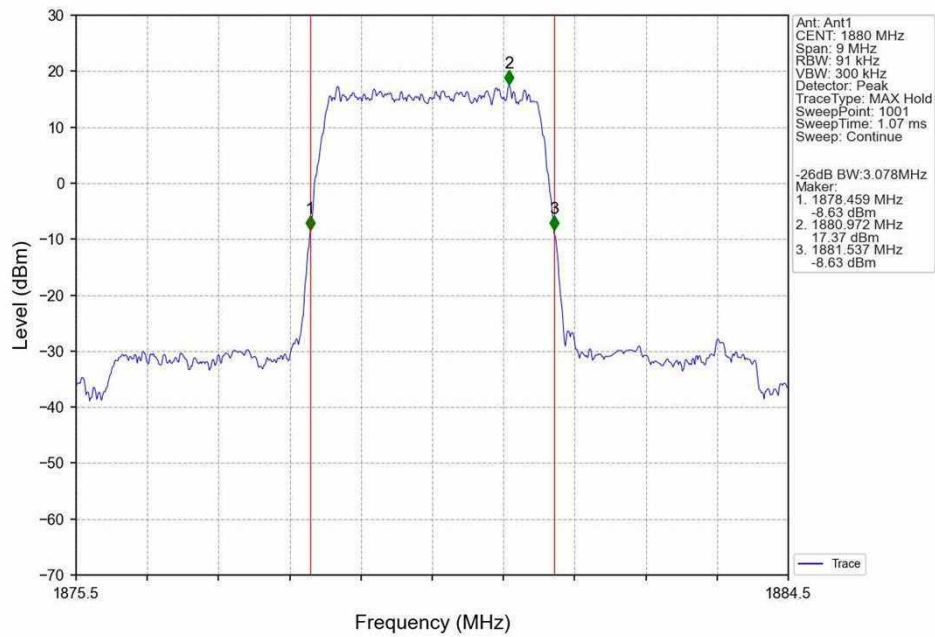
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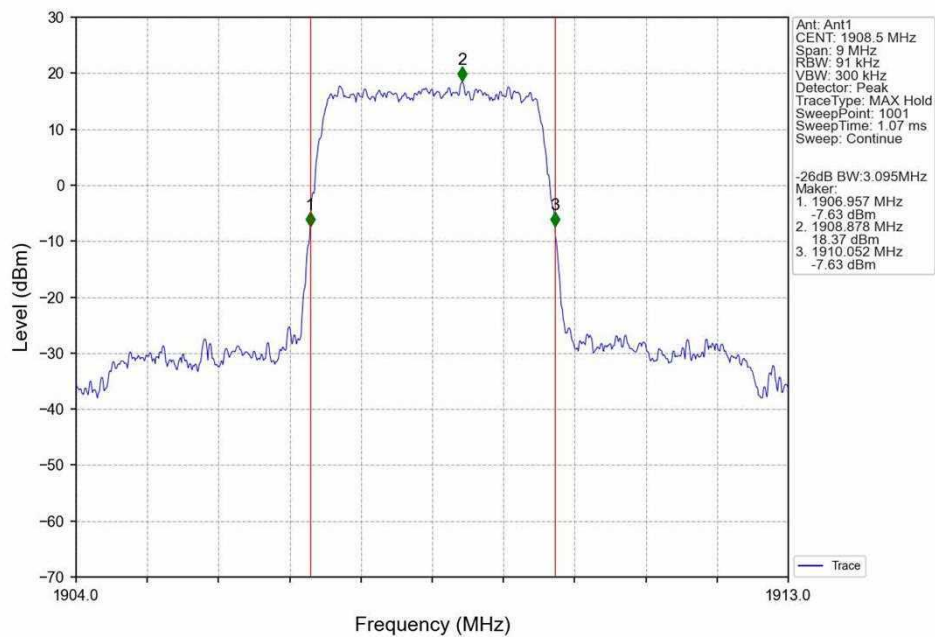
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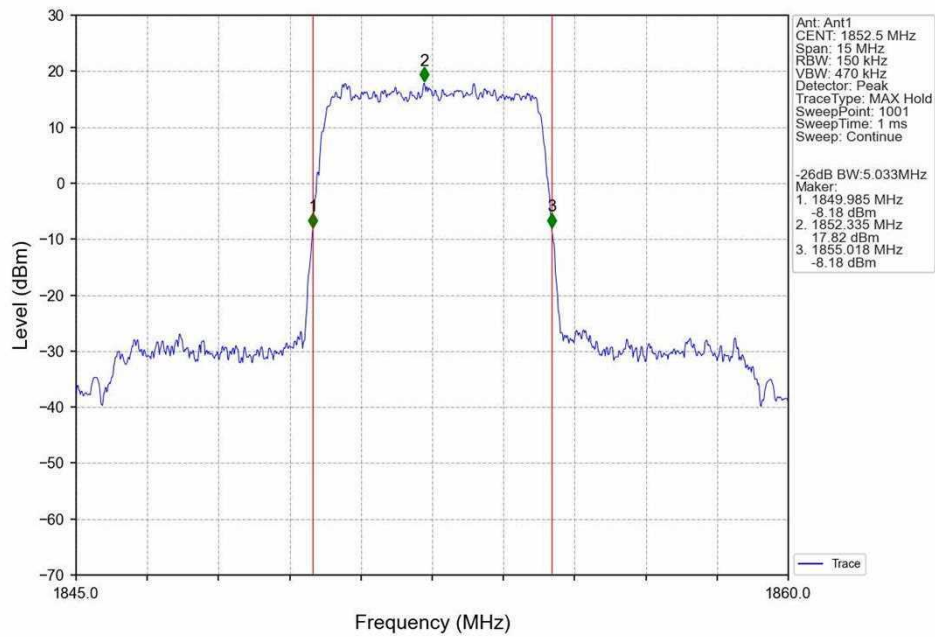
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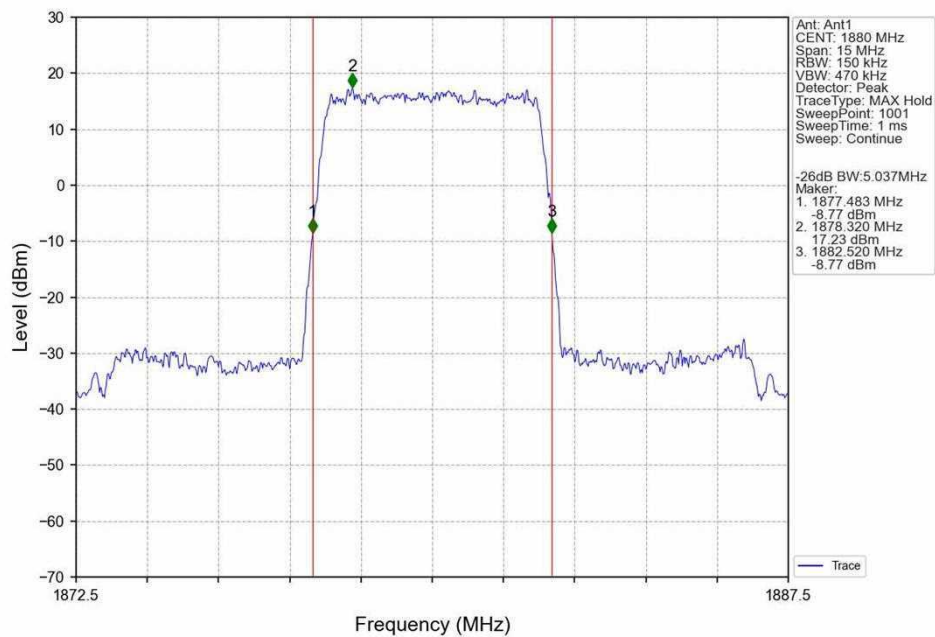
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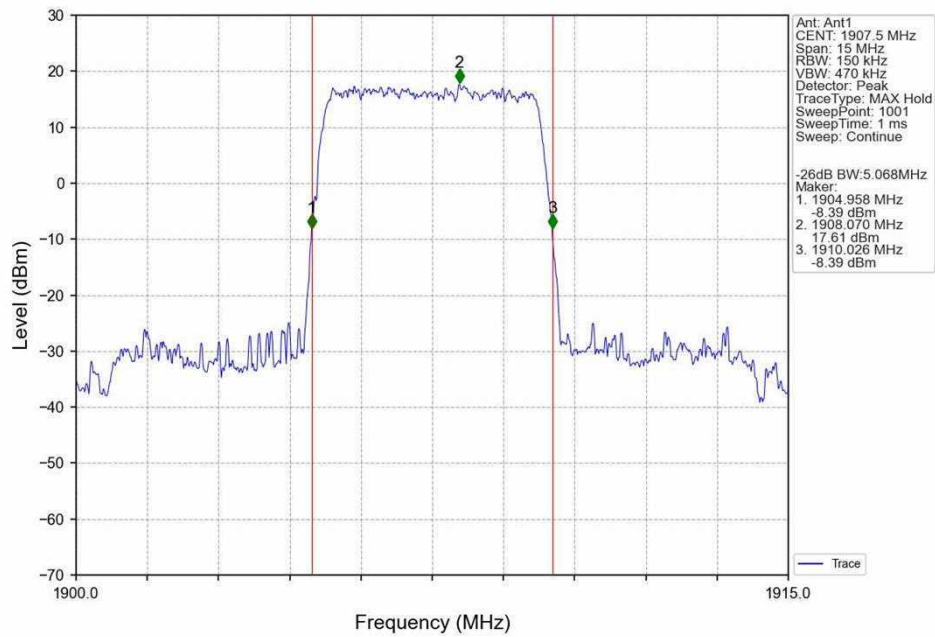
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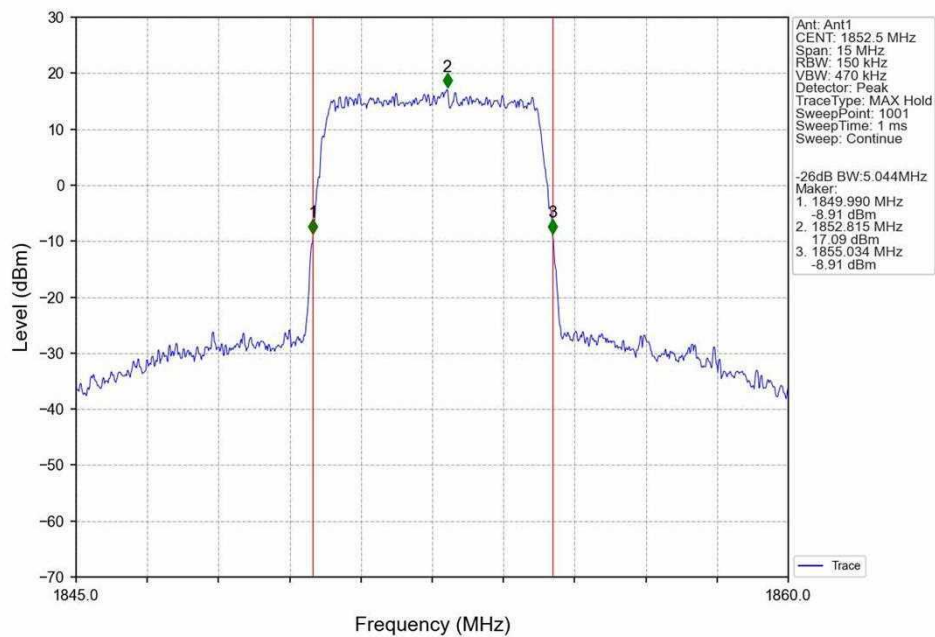
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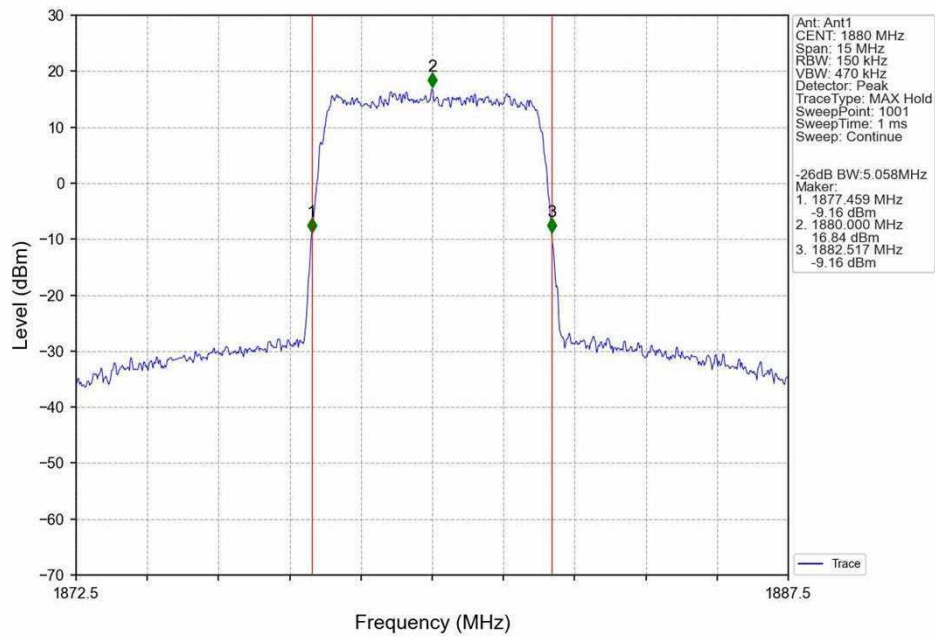
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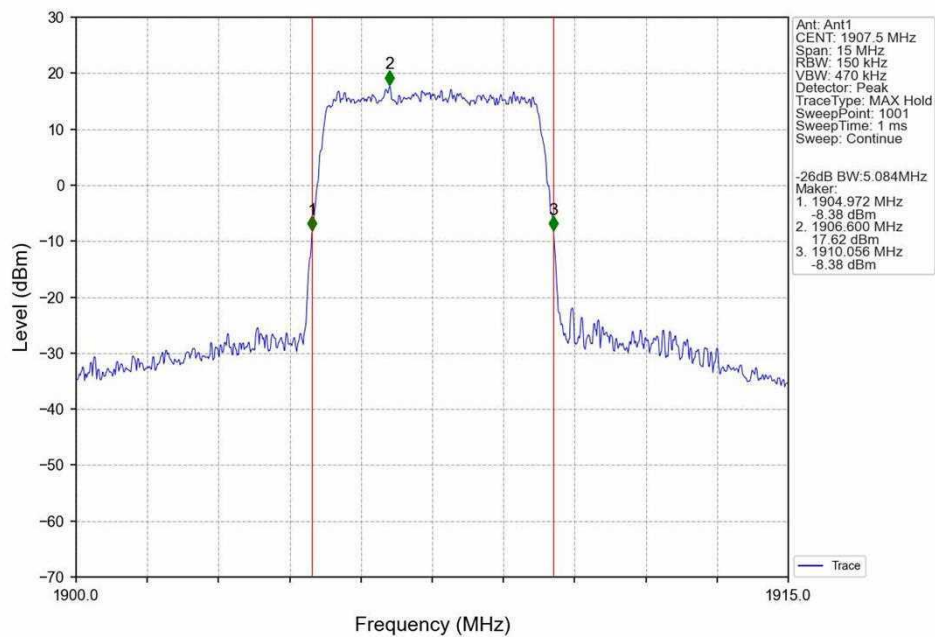
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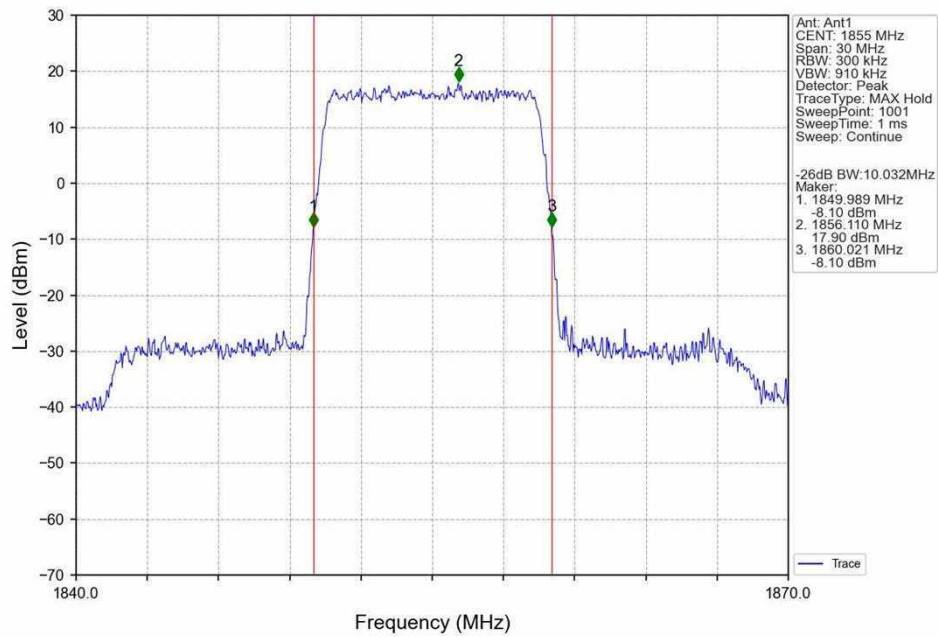
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

