

Appendix - LTE_band_25

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / 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	21.78	1.37	23.15	<=33.01	Pass
			2	21.81	1.37	23.18	<=33.01	Pass
			5	21.85	1.37	23.22	<=33.01	Pass
		3	0	21.97	1.37	23.34	<=33.01	Pass
			2	21.92	1.37	23.29	<=33.01	Pass
			3	21.90	1.37	23.27	<=33.01	Pass
		6	0	20.96	1.37	22.33	<=33.01	Pass
	1882.5	1	0	21.81	1.37	23.18	<=33.01	Pass
			2	21.80	1.37	23.17	<=33.01	Pass
			5	21.84	1.37	23.21	<=33.01	Pass
		3	0	21.79	1.37	23.16	<=33.01	Pass
			2	21.85	1.37	23.22	<=33.01	Pass
			3	21.79	1.37	23.16	<=33.01	Pass
		6	0	20.69	1.37	22.06	<=33.01	Pass
	1914.3	1	0	21.71	1.37	23.08	<=33.01	Pass
			2	21.82	1.37	23.19	<=33.01	Pass
			5	21.88	1.37	23.25	<=33.01	Pass
		3	0	21.84	1.37	23.21	<=33.01	Pass
			2	21.82	1.37	23.19	<=33.01	Pass
			3	21.79	1.37	23.16	<=33.01	Pass
		6	0	20.85	1.37	22.22	<=33.01	Pass
16QAM	1850.7	1	0	20.93	1.37	22.30	<=33.01	Pass
			2	21.04	1.37	22.41	<=33.01	Pass
			5	21.01	1.37	22.38	<=33.01	Pass
		3	0	20.69	1.37	22.06	<=33.01	Pass
			2	20.74	1.37	22.11	<=33.01	Pass
			3	20.72	1.37	22.09	<=33.01	Pass
		6	0	19.92	1.37	21.29	<=33.01	Pass
	1882.5	1	0	21.57	1.37	22.94	<=33.01	Pass
			2	21.27	1.37	22.64	<=33.01	Pass
			5	21.30	1.37	22.67	<=33.01	Pass
		3	0	20.71	1.37	22.08	<=33.01	Pass
			2	20.79	1.37	22.16	<=33.01	Pass
			3	20.75	1.37	22.12	<=33.01	Pass
		6	0	19.83	1.37	21.20	<=33.01	Pass
	1914.3	1	0	20.84	1.37	22.21	<=33.01	Pass
			2	20.86	1.37	22.23	<=33.01	Pass
			5	20.85	1.37	22.22	<=33.01	Pass
		3	0	20.58	1.37	21.95	<=33.01	Pass
			2	20.71	1.37	22.08	<=33.01	Pass
			3	20.62	1.37	21.99	<=33.01	Pass
		6	0	19.80	1.37	21.17	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / 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	20.87	1.37	22.24	<=33.01	Pass	
			7	20.86	1.37	22.23	<=33.01	Pass	
			14	20.94	1.37	22.31	<=33.01	Pass	
		8	0	20.92	1.37	22.29	<=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	
		1882.5	1	0	20.84	1.37	22.21	<=33.01	Pass
				7	20.82	1.37	22.19	<=33.01	Pass
	14			20.80	1.37	22.17	<=33.01	Pass	
	8		0	20.78	1.37	22.15	<=33.01	Pass	
			4	20.79	1.37	22.16	<=33.01	Pass	
			7	20.78	1.37	22.15	<=33.01	Pass	
	15		0	20.78	1.37	22.15	<=33.01	Pass	
	1913.5		1	0	20.78	1.37	22.15	<=33.01	Pass
				7	20.76	1.37	22.13	<=33.01	Pass
		14		20.88	1.37	22.25	<=33.01	Pass	
		8	0	20.87	1.37	22.24	<=33.01	Pass	
			4	20.87	1.37	22.24	<=33.01	Pass	
			7	20.86	1.37	22.23	<=33.01	Pass	
		15	0	20.87	1.37	22.24	<=33.01	Pass	
16QAM		1851.5	1	0	20.86	1.37	22.23	<=33.01	Pass
				7	20.87	1.37	22.24	<=33.01	Pass
	14			20.86	1.37	22.23	<=33.01	Pass	
	8		0	20.87	1.37	22.24	<=33.01	Pass	
			4	20.90	1.37	22.27	<=33.01	Pass	
			7	20.94	1.37	22.31	<=33.01	Pass	
	15		0	20.85	1.37	22.22	<=33.01	Pass	
	1882.5		1	0	20.77	1.37	22.14	<=33.01	Pass
				7	20.77	1.37	22.14	<=33.01	Pass
		14		20.76	1.37	22.13	<=33.01	Pass	
		8	0	20.77	1.37	22.14	<=33.01	Pass	
			4	20.77	1.37	22.14	<=33.01	Pass	
			7	20.77	1.37	22.14	<=33.01	Pass	
		15	0	20.76	1.37	22.13	<=33.01	Pass	
		1913.5	1	0	20.86	1.37	22.23	<=33.01	Pass
				7	20.86	1.37	22.23	<=33.01	Pass
	14			20.85	1.37	22.22	<=33.01	Pass	
	8		0	20.85	1.37	22.22	<=33.01	Pass	
			4	20.85	1.37	22.22	<=33.01	Pass	
			7	20.85	1.37	22.22	<=33.01	Pass	
	15		0	20.85	1.37	22.22	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B25_5MHz_EIRP

Band: 25 / 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	21.91	1.37	23.28	<=33.01	Pass
			13	21.88	1.37	23.25	<=33.01	Pass
			24	21.82	1.37	23.19	<=33.01	Pass
		12	0	21.03	1.37	22.40	<=33.01	Pass
			6	20.87	1.37	22.24	<=33.01	Pass
			13	20.88	1.37	22.25	<=33.01	Pass

16QAM	1882.5	25	0	20.83	1.37	22.20	<=33.01	Pass
			0	21.71	1.37	23.08	<=33.01	Pass
			13	21.75	1.37	23.12	<=33.01	Pass
		12	24	21.75	1.37	23.12	<=33.01	Pass
			0	21.14	1.37	22.51	<=33.01	Pass
			6	20.84	1.37	22.21	<=33.01	Pass
			13	20.87	1.37	22.24	<=33.01	Pass
		25	0	20.90	1.37	22.27	<=33.01	Pass
			0	21.84	1.37	23.21	<=33.01	Pass
	1912.5	1	13	21.83	1.37	23.20	<=33.01	Pass
			24	21.87	1.37	23.24	<=33.01	Pass
			0	20.90	1.37	22.27	<=33.01	Pass
		12	6	20.83	1.37	22.20	<=33.01	Pass
			13	20.76	1.37	22.13	<=33.01	Pass
			25	20.78	1.37	22.15	<=33.01	Pass
	1852.5	1	0	20.53	1.37	21.90	<=33.01	Pass
			13	20.48	1.37	21.85	<=33.01	Pass
			24	20.51	1.37	21.88	<=33.01	Pass
		12	0	20.00	1.37	21.37	<=33.01	Pass
			6	20.28	1.37	21.65	<=33.01	Pass
			13	20.27	1.37	21.64	<=33.01	Pass
		25	0	20.35	1.37	21.72	<=33.01	Pass
			0	21.70	1.37	23.07	<=33.01	Pass
			13	21.39	1.37	22.76	<=33.01	Pass
		1	24	21.43	1.37	22.80	<=33.01	Pass
			0	20.32	1.37	21.69	<=33.01	Pass
			6	19.84	1.37	21.21	<=33.01	Pass
		12	13	19.85	1.37	21.22	<=33.01	Pass
			0	20.00	1.37	21.37	<=33.01	Pass
		25	0	21.52	1.37	22.89	<=33.01	Pass
			13	21.45	1.37	22.82	<=33.01	Pass
			24	21.42	1.37	22.79	<=33.01	Pass
	1912.5	1	0	20.24	1.37	21.61	<=33.01	Pass
			6	19.95	1.37	21.32	<=33.01	Pass
			13	19.94	1.37	21.31	<=33.01	Pass
		12	0	19.93	1.37	21.30	<=33.01	Pass
			0					
			0					
		25	0					
			0					
			0					

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B25_10MHz_EIRP

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	21.83	1.37	23.20	<=33.01	Pass
			25	21.83	1.37	23.20	<=33.01	Pass
			49	21.81	1.37	23.18	<=33.01	Pass
		25	0	20.94	1.37	22.31	<=33.01	Pass
			13	20.85	1.37	22.22	<=33.01	Pass
			25	20.95	1.37	22.32	<=33.01	Pass
		50	0	20.94	1.37	22.31	<=33.01	Pass
			0	21.85	1.37	23.22	<=33.01	Pass
			25	21.80	1.37	23.17	<=33.01	Pass
	1882.5	1	49	21.78	1.37	23.15	<=33.01	Pass
			0	21.15	1.37	22.52	<=33.01	Pass
			13	20.89	1.37	22.26	<=33.01	Pass
		25	25	20.87	1.37	22.24	<=33.01	Pass
			0	20.94	1.37	22.31	<=33.01	Pass
			0					
		50	0					
			0					
			0					
	1910	1	0	21.86	1.37	23.23	<=33.01	Pass

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16QAM		25	25	21.79	1.37	23.16	<=33.01	Pass
			49	21.82	1.37	23.19	<=33.01	Pass
			0	20.88	1.37	22.25	<=33.01	Pass
			13	20.83	1.37	22.20	<=33.01	Pass
			25	20.80	1.37	22.17	<=33.01	Pass
	1855	1	0	20.93	1.37	22.30	<=33.01	Pass
			25	22.16	1.37	23.53	<=33.01	Pass
			49	22.15	1.37	23.52	<=33.01	Pass
		25	0	22.12	1.37	23.49	<=33.01	Pass
			25	20.27	1.37	21.64	<=33.01	Pass
			13	19.99	1.37	21.36	<=33.01	Pass
	1882.5	1	25	20.12	1.37	21.49	<=33.01	Pass
			0	19.96	1.37	21.33	<=33.01	Pass
			49	21.46	1.37	22.83	<=33.01	Pass
		25	0	21.43	1.37	22.80	<=33.01	Pass
			25	21.42	1.37	22.79	<=33.01	Pass
			49	20.29	1.37	21.66	<=33.01	Pass
		50	0	20.29	1.37	21.66	<=33.01	Pass
			13	19.91	1.37	21.28	<=33.01	Pass
			25	19.95	1.37	21.32	<=33.01	Pass
		1910	0	20.03	1.37	21.40	<=33.01	Pass
			0	20.90	1.37	22.27	<=33.01	Pass
			25	20.89	1.37	22.26	<=33.01	Pass
		25	49	20.92	1.37	22.29	<=33.01	Pass
			0	20.09	1.37	21.46	<=33.01	Pass
			13	20.08	1.37	21.45	<=33.01	Pass
		50	25	20.02	1.37	21.39	<=33.01	Pass
			0	19.92	1.37	21.29	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B25_15MHz_EIRP

Band: 25 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	21.84	1.37	23.21	<=33.01	Pass
			38	21.86	1.37	23.23	<=33.01	Pass
			74	21.82	1.37	23.19	<=33.01	Pass
		36	0	20.85	1.37	22.22	<=33.01	Pass
			18	20.92	1.37	22.29	<=33.01	Pass
			39	20.90	1.37	22.27	<=33.01	Pass
		75	0	20.93	1.37	22.30	<=33.01	Pass
	1882.5	1	0	21.72	1.37	23.09	<=33.01	Pass
			38	21.80	1.37	23.17	<=33.01	Pass
			74	21.86	1.37	23.23	<=33.01	Pass
		36	0	20.92	1.37	22.29	<=33.01	Pass
			18	20.88	1.37	22.25	<=33.01	Pass
			39	20.92	1.37	22.29	<=33.01	Pass
		75	0	20.82	1.37	22.19	<=33.01	Pass
	1907.5	1	0	21.74	1.37	23.11	<=33.01	Pass
			38	21.74	1.37	23.11	<=33.01	Pass
			74	21.78	1.37	23.15	<=33.01	Pass
		36	0	20.88	1.37	22.25	<=33.01	Pass
			18	21.00	1.37	22.37	<=33.01	Pass
			39	20.80	1.37	22.17	<=33.01	Pass
		75	0	20.91	1.37	22.28	<=33.01	Pass
16QAM	1857.5	1	0	22.13	1.37	23.50	<=33.01	Pass
			38	22.16	1.37	23.53	<=33.01	Pass
			74	22.14	1.37	23.51	<=33.01	Pass

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	1882.5	36	0	19.97	1.37	21.34	<=33.01	Pass
			18	19.98	1.37	21.35	<=33.01	Pass
			39	20.18	1.37	21.55	<=33.01	Pass
		75	0	20.00	1.37	21.37	<=33.01	Pass
			0	21.72	1.37	23.09	<=33.01	Pass
			38	21.76	1.37	23.13	<=33.01	Pass
	1882.5	1	74	21.76	1.37	23.13	<=33.01	Pass
			0	20.31	1.37	21.68	<=33.01	Pass
			18	19.97	1.37	21.34	<=33.01	Pass
		36	39	20.42	1.37	21.79	<=33.01	Pass
			0	19.92	1.37	21.29	<=33.01	Pass
			0	21.64	1.37	23.01	<=33.01	Pass
	1907.5	1	38	21.69	1.37	23.06	<=33.01	Pass
			74	21.62	1.37	22.99	<=33.01	Pass
			0	19.96	1.37	21.33	<=33.01	Pass
		36	18	19.97	1.37	21.34	<=33.01	Pass
			39	20.32	1.37	21.69	<=33.01	Pass
			0	20.00	1.37	21.37	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.00	1.37	23.37	<=33.01	Pass
			50	22.03	1.37	23.40	<=33.01	Pass
			99	21.94	1.37	23.31	<=33.01	Pass
		50	0	20.89	1.37	22.26	<=33.01	Pass
			25	20.81	1.37	22.18	<=33.01	Pass
			50	20.87	1.37	22.24	<=33.01	Pass
		100	0	20.86	1.37	22.23	<=33.01	Pass
			0	21.80	1.37	23.17	<=33.01	Pass
			50	21.78	1.37	23.15	<=33.01	Pass
	1882.5	1	99	21.84	1.37	23.21	<=33.01	Pass
			0	20.84	1.37	22.21	<=33.01	Pass
			25	20.74	1.37	22.11	<=33.01	Pass
		50	50	20.82	1.37	22.19	<=33.01	Pass
			0	20.90	1.37	22.27	<=33.01	Pass
			0	21.96	1.37	23.33	<=33.01	Pass
		1	50	21.89	1.37	23.26	<=33.01	Pass
			99	21.87	1.37	23.24	<=33.01	Pass
			0	20.85	1.37	22.22	<=33.01	Pass
	1905	50	25	20.98	1.37	22.35	<=33.01	Pass
			50	20.88	1.37	22.25	<=33.01	Pass
			0	20.89	1.37	22.26	<=33.01	Pass
16QAM	1860	1	0	21.52	1.37	22.89	<=33.01	Pass
			50	21.49	1.37	22.86	<=33.01	Pass
			99	21.48	1.37	22.85	<=33.01	Pass
		50	0	19.94	1.37	21.31	<=33.01	Pass
			25	19.93	1.37	21.30	<=33.01	Pass
			50	19.98	1.37	21.35	<=33.01	Pass
		100	0	19.90	1.37	21.27	<=33.01	Pass
	1882.5	1	0	21.24	1.37	22.61	<=33.01	Pass
			50	21.25	1.37	22.62	<=33.01	Pass
			99	21.25	1.37	22.62	<=33.01	Pass
		50	0	20.08	1.37	21.45	<=33.01	Pass
			25	19.97	1.37	21.34	<=33.01	Pass

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		100	50	20.38	1.37	21.75	<=33.01	Pass
			0	20.01	1.37	21.38	<=33.01	Pass
	1905	1	0	22.17	1.37	23.54	<=33.01	Pass
			50	22.17	1.37	23.54	<=33.01	Pass
			99	22.03	1.37	23.40	<=33.01	Pass
	50		0	20.23	1.37	21.60	<=33.01	Pass
			25	20.00	1.37	21.37	<=33.01	Pass
			50	19.89	1.37	21.26	<=33.01	Pass
	100		0	19.99	1.37	21.36	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

2. Frequency Stability

2.1 Test Result

2.1.1 B25_1.4MHz

Band: 25 / 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	41.213	0.0223	-2.5 to 2.5	Pass
					3.85	-13.161	-0.0071	-2.5 to 2.5	Pass
					4.43	-41.327	-0.0223	-2.5 to 2.5	Pass
				-30	3.85	-22.573	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-32.873	-0.0178	-2.5 to 2.5	Pass
				-10	3.85	-8.354	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-28.481	-0.0154	-2.5 to 2.5	Pass
				10	3.85	-40.069	-0.0217	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				40	3.85	-7.682	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-18.997	-0.0103	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	12.875	0.0068	-2.5 to 2.5	Pass
					3.85	-9.756	-0.0052	-2.5 to 2.5	Pass
					4.43	-31.800	-0.0169	-2.5 to 2.5	Pass
				-30	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-17.853	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-32.716	-0.0174	-2.5 to 2.5	Pass
				0	3.85	-33.474	-0.0178	-2.5 to 2.5	Pass
				10	3.85	-20.041	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-8.655	-0.0046	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	28.667	0.0150	-2.5 to 2.5	Pass
					3.85	18.239	0.0095	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-11.616	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-18.582	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-18.969	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-27.022	-0.0141	-2.5 to 2.5	Pass
				30	3.85	-30.842	-0.0161	-2.5 to 2.5	Pass
				40	3.85	-36.836	-0.0192	-2.5 to 2.5	Pass
				50	3.85	-35.105	-0.0183	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-23.103	-0.0125	-2.5 to 2.5	Pass
					3.85	-12.689	-0.0069	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0016	-2.5 to 2.5	Pass

				-30	3.85	8.039	0.0043	-2.5 to 2.5	Pass
				-20	3.85	20.256	0.0109	-2.5 to 2.5	Pass
				-10	3.85	29.483	0.0159	-2.5 to 2.5	Pass
				0	3.85	34.862	0.0188	-2.5 to 2.5	Pass
				10	3.85	40.956	0.0221	-2.5 to 2.5	Pass
				30	3.85	48.437	0.0262	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				50	3.85	12.860	0.0069	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-9.656	-0.0051	-2.5 to 2.5	Pass
					3.85	2.403	0.0013	-2.5 to 2.5	Pass
					4.43	19.455	0.0103	-2.5 to 2.5	Pass
				-30	3.85	27.738	0.0147	-2.5 to 2.5	Pass
				-20	3.85	39.353	0.0209	-2.5 to 2.5	Pass
				-10	3.85	-13.132	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				10	3.85	3.805	0.0020	-2.5 to 2.5	Pass
				30	3.85	5.879	0.0031	-2.5 to 2.5	Pass
				40	3.85	12.975	0.0069	-2.5 to 2.5	Pass
				50	3.85	17.223	0.0091	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-39.339	-0.0206	-2.5 to 2.5	Pass
					3.85	3.419	0.0018	-2.5 to 2.5	Pass
					4.43	23.360	0.0122	-2.5 to 2.5	Pass
				-30	3.85	30.370	0.0159	-2.5 to 2.5	Pass
				-20	3.85	16.050	0.0084	-2.5 to 2.5	Pass
				-10	3.85	29.011	0.0152	-2.5 to 2.5	Pass
				0	3.85	38.266	0.0200	-2.5 to 2.5	Pass
				10	3.85	46.034	0.0240	-2.5 to 2.5	Pass
				30	3.85	-11.301	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0013	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

Band: 25 / 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	-30.341	-0.0164	-2.5 to 2.5	Pass
					3.85	-48.909	-0.0264	-2.5 to 2.5	Pass
					4.43	-13.676	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-35.863	-0.0194	-2.5 to 2.5	Pass
				-20	3.85	-41.585	-0.0225	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-12.546	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-44.303	-0.0239	-2.5 to 2.5	Pass
				40	3.85	-8.111	-0.0044	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.85	-29.783	-0.0161	-2.5 to 2.5	Pass
					3.27	27.022	0.0144	-2.5 to 2.5	Pass
					3.85	2.918	0.0016	-2.5 to 2.5	Pass
					4.43	-23.918	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-9.885	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-30.942	-0.0164	-2.5 to 2.5	Pass
				-10	3.85	-45.590	-0.0242	-2.5 to 2.5	Pass
				0	3.85	2.160	0.0011	-2.5 to 2.5	Pass
				10	3.85	-14.892	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-29.225	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-3.848	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-14.205	-0.0075	-2.5 to 2.5	Pass

	1913.5	15	0	20	3.27	29.640	0.0155	-2.5 to 2.5	Pass
					3.85	22.159	0.0116	-2.5 to 2.5	Pass
					4.43	14.219	0.0074	-2.5 to 2.5	Pass
				-30	3.85	8.626	0.0045	-2.5 to 2.5	Pass
				-20	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-15.879	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-18.239	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-17.123	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-23.246	-0.0121	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-10.357	-0.0056	-2.5 to 2.5	Pass
					3.85	-29.125	-0.0157	-2.5 to 2.5	Pass
					4.43	-44.961	-0.0243	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-16.522	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-23.260	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-31.686	-0.0171	-2.5 to 2.5	Pass
				10	3.85	-30.899	-0.0167	-2.5 to 2.5	Pass
				30	3.85	-44.389	-0.0240	-2.5 to 2.5	Pass
				40	3.85	-8.326	-0.0045	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-18.768	-0.0100	-2.5 to 2.5	Pass
					3.85	-29.955	-0.0159	-2.5 to 2.5	Pass
					4.43	-30.613	-0.0163	-2.5 to 2.5	Pass
				-30	3.85	-44.575	-0.0237	-2.5 to 2.5	Pass
				-20	3.85	-43.101	-0.0229	-2.5 to 2.5	Pass
				-10	3.85	-48.838	-0.0259	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-13.332	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-24.147	-0.0128	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-24.362	-0.0127	-2.5 to 2.5	Pass
					3.85	-26.150	-0.0137	-2.5 to 2.5	Pass
					4.43	-32.229	-0.0168	-2.5 to 2.5	Pass
				-30	3.85	-29.640	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-32.415	-0.0169	-2.5 to 2.5	Pass
				-10	3.85	-34.833	-0.0182	-2.5 to 2.5	Pass
				0	3.85	-38.767	-0.0203	-2.5 to 2.5	Pass
				10	3.85	-42.171	-0.0220	-2.5 to 2.5	Pass
				30	3.85	15.407	0.0081	-2.5 to 2.5	Pass
				40	3.85	16.966	0.0089	-2.5 to 2.5	Pass
				50	3.85	7.668	0.0040	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

Band: 25 / 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	34.032	0.0184	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
					4.43	-9.799	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-13.847	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-21.558	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-22.159	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-25.206	-0.0136	-2.5 to 2.5	Pass
				10	3.85	-24.734	-0.0134	-2.5 to 2.5	Pass

	1882.5	25	0	30	3.85	-26.937	-0.0145	-2.5 to 2.5	Pass
				40	3.85	-27.394	-0.0148	-2.5 to 2.5	Pass
				50	3.85	-24.877	-0.0134	-2.5 to 2.5	Pass
				20	3.27	28.267	0.0150	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	-32.215	-0.0171	-2.5 to 2.5	Pass
				-30	3.85	-10.171	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-25.964	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-29.755	-0.0158	-2.5 to 2.5	Pass
	1912.5	25	0	0	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-21.129	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-34.676	-0.0184	-2.5 to 2.5	Pass
				40	3.85	-36.449	-0.0194	-2.5 to 2.5	Pass
				50	3.85	-41.084	-0.0218	-2.5 to 2.5	Pass
				20	3.27	21.029	0.0110	-2.5 to 2.5	Pass
					3.85	-9.127	-0.0048	-2.5 to 2.5	Pass
					4.43	-40.255	-0.0210	-2.5 to 2.5	Pass
				-30	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-18.682	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-35.620	-0.0186	-2.5 to 2.5	Pass
				0	3.85	-47.092	-0.0246	-2.5 to 2.5	Pass
				10	3.85	-16.193	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-25.721	-0.0134	-2.5 to 2.5	Pass
				40	3.85	-38.009	-0.0199	-2.5 to 2.5	Pass
				50	3.85	-44.990	-0.0235	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-22.373	-0.0121	-2.5 to 2.5	Pass
					3.85	-10.886	-0.0059	-2.5 to 2.5	Pass
					4.43	5.779	0.0031	-2.5 to 2.5	Pass
				-30	3.85	18.439	0.0100	-2.5 to 2.5	Pass
				-20	3.85	30.456	0.0164	-2.5 to 2.5	Pass
				-10	3.85	37.365	0.0202	-2.5 to 2.5	Pass
				0	3.85	44.103	0.0238	-2.5 to 2.5	Pass
				10	3.85	46.763	0.0252	-2.5 to 2.5	Pass
				30	3.85	51.484	0.0278	-2.5 to 2.5	Pass
	1882.5	25	0	40	3.85	7.882	0.0043	-2.5 to 2.5	Pass
				50	3.85	7.496	0.0040	-2.5 to 2.5	Pass
				20	3.27	-47.221	-0.0251	-2.5 to 2.5	Pass
					3.85	-37.022	-0.0197	-2.5 to 2.5	Pass
					4.43	-43.859	-0.0233	-2.5 to 2.5	Pass
				-30	3.85	-43.931	-0.0233	-2.5 to 2.5	Pass
				-20	3.85	-36.821	-0.0196	-2.5 to 2.5	Pass
				-10	3.85	-25.148	-0.0134	-2.5 to 2.5	Pass
				0	3.85	-14.391	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				30	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				40	3.85	5.393	0.0029	-2.5 to 2.5	Pass
				50	3.85	7.982	0.0042	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-47.536	-0.0249	-2.5 to 2.5	Pass
					3.85	-33.817	-0.0177	-2.5 to 2.5	Pass
					4.43	-16.522	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-9.871	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				-10	3.85	5.336	0.0028	-2.5 to 2.5	Pass
				0	3.85	14.505	0.0076	-2.5 to 2.5	Pass
				10	3.85	16.122	0.0084	-2.5 to 2.5	Pass
				30	3.85	24.490	0.0128	-2.5 to 2.5	Pass
				40	3.85	32.558	0.0170	-2.5 to 2.5	Pass
				50	3.85	31.857	0.0167	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

Band: 25 / 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	-12.832	-0.0069	-2.5 to 2.5	Pass
					3.85	-27.523	-0.0148	-2.5 to 2.5	Pass
					4.43	-23.789	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-7.553	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	24.648	0.0133	-2.5 to 2.5	Pass
				-10	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				0	3.85	24.977	0.0135	-2.5 to 2.5	Pass
				10	3.85	20.642	0.0111	-2.5 to 2.5	Pass
				30	3.85	37.107	0.0200	-2.5 to 2.5	Pass
				40	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				50	3.85	22.173	0.0120	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	17.424	0.0093	-2.5 to 2.5	Pass
					3.85	-30.899	-0.0164	-2.5 to 2.5	Pass
					4.43	-36.922	-0.0196	-2.5 to 2.5	Pass
				-30	3.85	-5.536	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-40.669	-0.0216	-2.5 to 2.5	Pass
				-10	3.85	-11.544	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-19.856	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-29.769	-0.0158	-2.5 to 2.5	Pass
				30	3.85	-44.532	-0.0237	-2.5 to 2.5	Pass
				40	3.85	-49.982	-0.0266	-2.5 to 2.5	Pass
				50	3.85	4.749	0.0025	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	43.616	0.0228	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-24.519	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-9.527	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-31.514	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-38.180	-0.0200	-2.5 to 2.5	Pass
				10	3.85	-38.624	-0.0202	-2.5 to 2.5	Pass
				30	3.85	-9.942	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0037	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	40.898	0.0220	-2.5 to 2.5	Pass
					3.85	26.951	0.0145	-2.5 to 2.5	Pass
					4.43	5.322	0.0029	-2.5 to 2.5	Pass
				-30	3.85	29.540	0.0159	-2.5 to 2.5	Pass
				-20	3.85	-10.343	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	5.236	0.0028	-2.5 to 2.5	Pass
				0	3.85	26.965	0.0145	-2.5 to 2.5	Pass
				10	3.85	10.600	0.0057	-2.5 to 2.5	Pass
				30	3.85	23.174	0.0125	-2.5 to 2.5	Pass
				40	3.85	47.722	0.0257	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-0.272	-0.0001	-2.5 to 2.5	Pass
					3.85	23.203	0.0123	-2.5 to 2.5	Pass
					4.43	-10.858	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	9.956	0.0053	-2.5 to 2.5	Pass
				-20	3.85	29.798	0.0158	-2.5 to 2.5	Pass
				-10	3.85	9.699	0.0052	-2.5 to 2.5	Pass
				0	3.85	18.582	0.0099	-2.5 to 2.5	Pass
				10	3.85	24.705	0.0131	-2.5 to 2.5	Pass
				30	3.85	20.900	0.0111	-2.5 to 2.5	Pass
				40	3.85	33.689	0.0179	-2.5 to 2.5	Pass

	1910	50	0	50	3.85	47.636	0.0253	-2.5 to 2.5	Pass
				20	3.27	-27.308	-0.0143	-2.5 to 2.5	Pass
					3.85	0.916	0.0005	-2.5 to 2.5	Pass
					4.43	24.190	0.0127	-2.5 to 2.5	Pass
				-30	3.85	36.936	0.0193	-2.5 to 2.5	Pass
				-20	3.85	51.069	0.0267	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	3.891	0.0020	-2.5 to 2.5	Pass
				30	3.85	12.760	0.0067	-2.5 to 2.5	Pass
				40	3.85	15.721	0.0082	-2.5 to 2.5	Pass
				50	3.85	25.434	0.0133	-2.5 to 2.5	Pass

2.1.5 B25_15MHz

Band: 25 / 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	-19.598	-0.0106	-2.5 to 2.5	Pass
					3.85	-23.732	-0.0128	-2.5 to 2.5	Pass
					4.43	-21.029	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-22.573	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-29.068	-0.0156	-2.5 to 2.5	Pass
				-10	3.85	-20.385	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-21.057	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-25.334	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-30.370	-0.0163	-2.5 to 2.5	Pass
				50	3.85	-30.012	-0.0162	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-3.862	-0.0021	-2.5 to 2.5	Pass
					3.85	-24.905	-0.0132	-2.5 to 2.5	Pass
					4.43	-2.975	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-24.390	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-14.176	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-25.635	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-37.637	-0.0200	-2.5 to 2.5	Pass
				30	3.85	-27.480	-0.0146	-2.5 to 2.5	Pass
				40	3.85	2.933	0.0016	-2.5 to 2.5	Pass
				50	3.85	-28.324	-0.0150	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	24.347	0.0128	-2.5 to 2.5	Pass
					3.85	-32.845	-0.0172	-2.5 to 2.5	Pass
					4.43	-19.598	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-14.176	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-42.772	-0.0224	-2.5 to 2.5	Pass
				-10	3.85	-14.591	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-30.499	-0.0160	-2.5 to 2.5	Pass
				10	3.85	-6.351	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-19.169	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-39.854	-0.0209	-2.5 to 2.5	Pass
				50	3.85	-48.881	-0.0256	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-15.578	-0.0084	-2.5 to 2.5	Pass
					3.85	-32.544	-0.0175	-2.5 to 2.5	Pass
					4.43	-9.241	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-6.809	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-32.887	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-6.452	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-6.852	-0.0037	-2.5 to 2.5	Pass

				10	3.85	4.549	0.0024	-2.5 to 2.5	Pass
				30	3.85	-31.528	-0.0170	-2.5 to 2.5	Pass
				40	3.85	-27.308	-0.0147	-2.5 to 2.5	Pass
				50	3.85	1.488	0.0008	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-20.857	-0.0111	-2.5 to 2.5	Pass
					3.85	-28.253	-0.0150	-2.5 to 2.5	Pass
					4.43	-30.355	-0.0161	-2.5 to 2.5	Pass
				-30	3.85	-18.682	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-28.238	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-22.216	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-21.386	-0.0114	-2.5 to 2.5	Pass
				10	3.85	6.380	0.0034	-2.5 to 2.5	Pass
				30	3.85	-18.883	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-45.891	-0.0244	-2.5 to 2.5	Pass
				50	3.85	-13.790	-0.0073	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-7.896	-0.0041	-2.5 to 2.5	Pass
					3.85	10.929	0.0057	-2.5 to 2.5	Pass
					4.43	26.822	0.0141	-2.5 to 2.5	Pass
				-30	3.85	42.129	0.0221	-2.5 to 2.5	Pass
				-20	3.85	52.214	0.0274	-2.5 to 2.5	Pass
				-10	3.85	10.014	0.0052	-2.5 to 2.5	Pass
				0	3.85	23.804	0.0125	-2.5 to 2.5	Pass
				10	3.85	23.532	0.0123	-2.5 to 2.5	Pass
				30	3.85	34.060	0.0179	-2.5 to 2.5	Pass
				40	3.85	36.535	0.0192	-2.5 to 2.5	Pass
				50	3.85	3.076	0.0016	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

Band: 25 / 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	-27.208	-0.0146	-2.5 to 2.5	Pass
					3.85	-25.663	-0.0138	-2.5 to 2.5	Pass
					4.43	-19.212	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-21.701	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-19.441	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-21.243	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-18.969	-0.0102	-2.5 to 2.5	Pass
				10	3.85	9.212	0.0050	-2.5 to 2.5	Pass
				30	3.85	-18.611	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-33.360	-0.0179	-2.5 to 2.5	Pass
				50	3.85	-20.828	-0.0112	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	10.757	0.0057	-2.5 to 2.5	Pass
					3.85	-29.840	-0.0159	-2.5 to 2.5	Pass
					4.43	-22.273	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-10.786	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-26.507	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-41.943	-0.0223	-2.5 to 2.5	Pass
				0	3.85	-39.711	-0.0211	-2.5 to 2.5	Pass
				10	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				30	3.85	-11.029	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-36.678	-0.0195	-2.5 to 2.5	Pass
				50	3.85	-12.603	-0.0067	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	39.525	0.0207	-2.5 to 2.5	Pass
					3.85	-14.634	-0.0077	-2.5 to 2.5	Pass
					4.43	-17.266	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-22.960	-0.0121	-2.5 to 2.5	Pass

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Version: 1/00

				-20	3.85	-28.124	-0.0148	-2.5 to 2.5	Pass
				-10	3.85	-25.764	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-29.840	-0.0157	-2.5 to 2.5	Pass
				10	3.85	-31.042	-0.0163	-2.5 to 2.5	Pass
				30	3.85	-27.909	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-27.781	-0.0146	-2.5 to 2.5	Pass
				50	3.85	-25.134	-0.0132	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-39.597	-0.0213	-2.5 to 2.5	Pass
					3.85	14.119	0.0076	-2.5 to 2.5	Pass
					4.43	3.948	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-9.356	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-11.172	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-16.580	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-23.346	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-32.301	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-4.034	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-14.863	-0.0080	-2.5 to 2.5	Pass
	50	3.85	-14.606	-0.0079	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-18.482	-0.0098	-2.5 to 2.5	Pass
					3.85	-31.271	-0.0166	-2.5 to 2.5	Pass
					4.43	-39.124	-0.0208	-2.5 to 2.5	Pass
				-30	3.85	-46.821	-0.0249	-2.5 to 2.5	Pass
				-20	3.85	-45.934	-0.0244	-2.5 to 2.5	Pass
				-10	3.85	4.292	0.0023	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-10.815	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-14.462	-0.0077	-2.5 to 2.5	Pass
	50	3.85	-19.026	-0.0101	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-27.666	-0.0145	-2.5 to 2.5	Pass
					3.85	-30.856	-0.0162	-2.5 to 2.5	Pass
					4.43	-32.673	-0.0172	-2.5 to 2.5	Pass
				-30	3.85	-27.337	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-24.648	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-10.786	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-10.543	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
30				3.85	-4.721	-0.0025	-2.5 to 2.5	Pass	
40				3.85	-7.839	-0.0041	-2.5 to 2.5	Pass	
50	3.85	-13.146	-0.0069	-2.5 to 2.5	Pass				

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

3.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.1.5 B25_15MHz

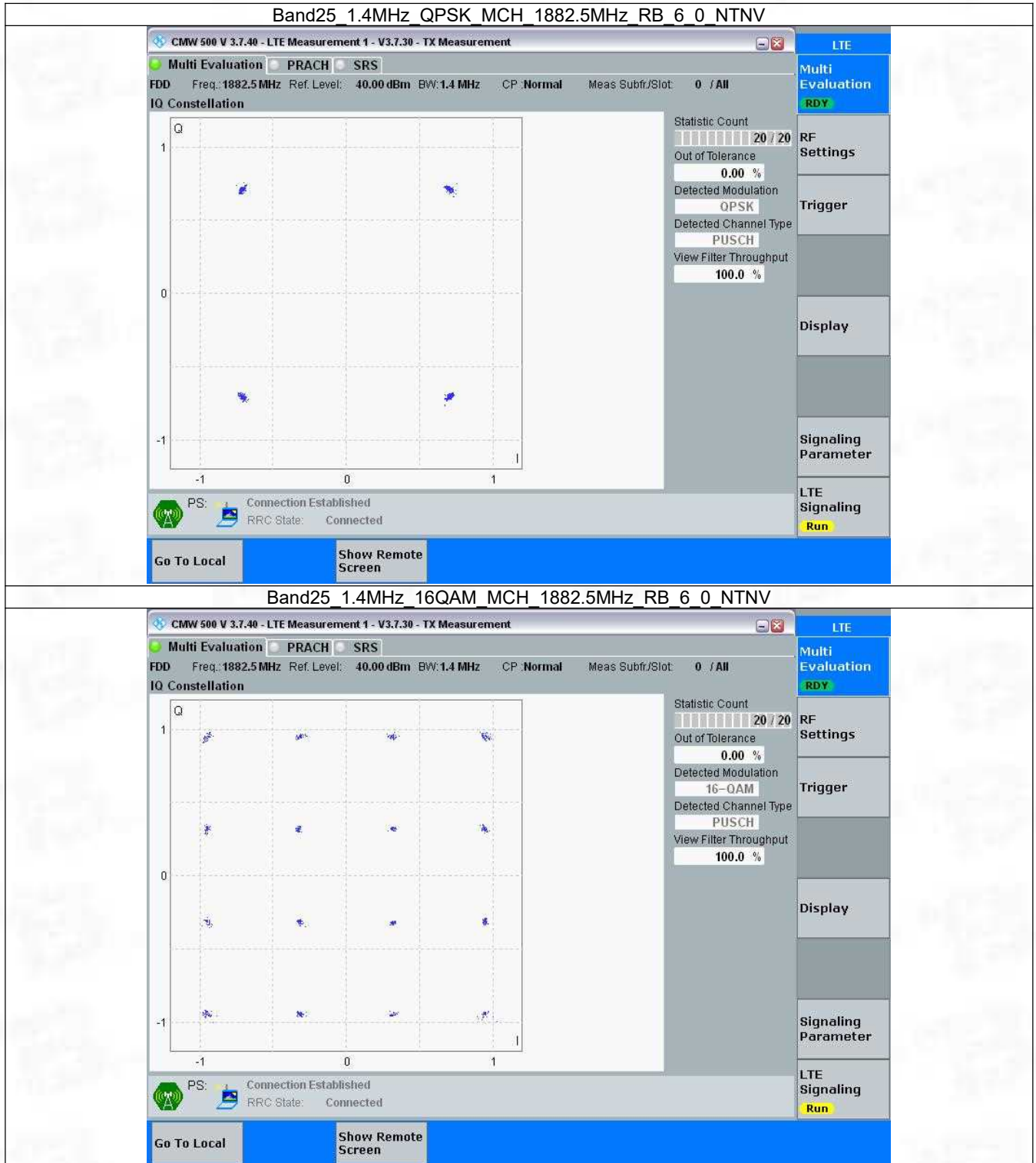
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

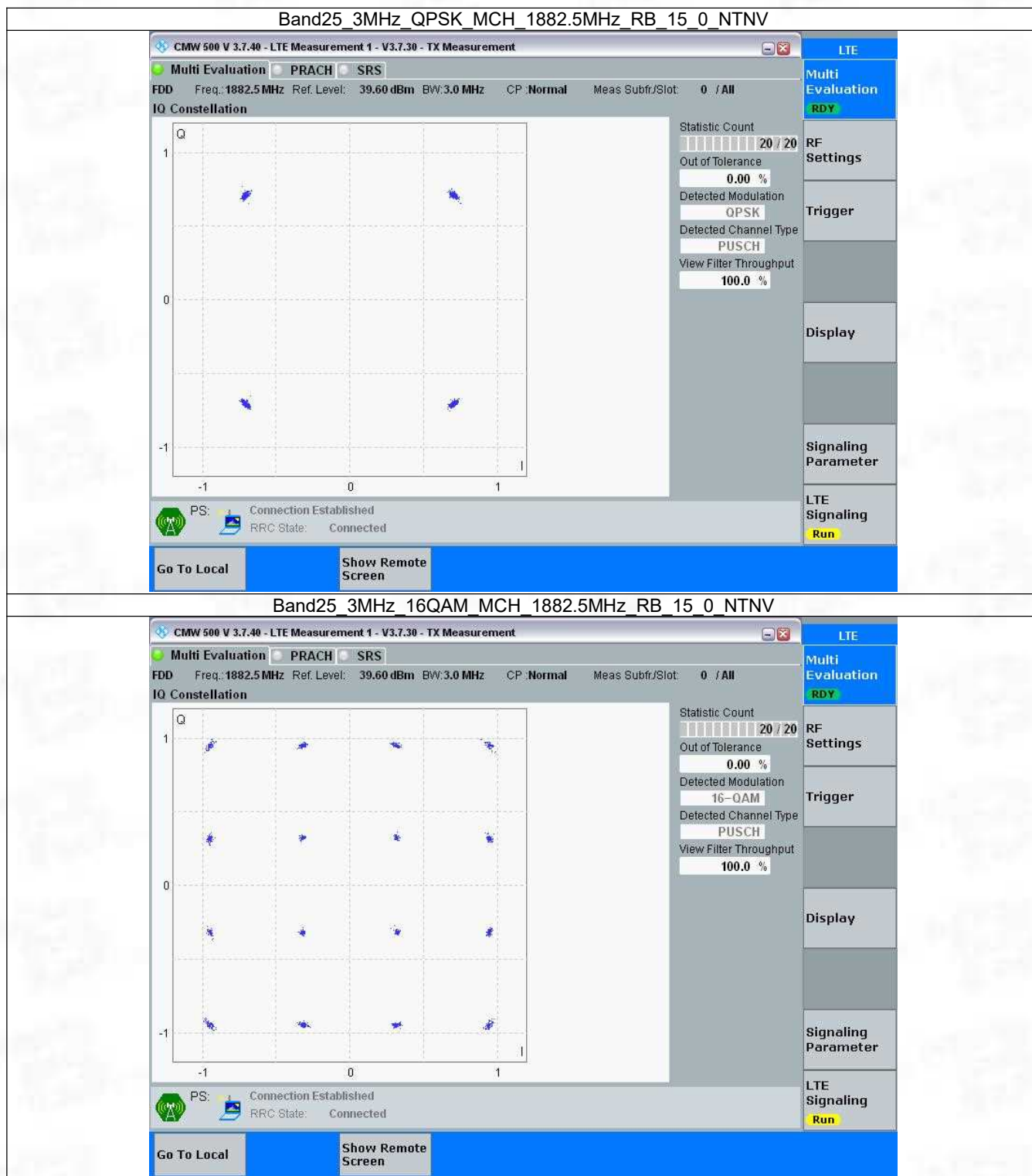
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

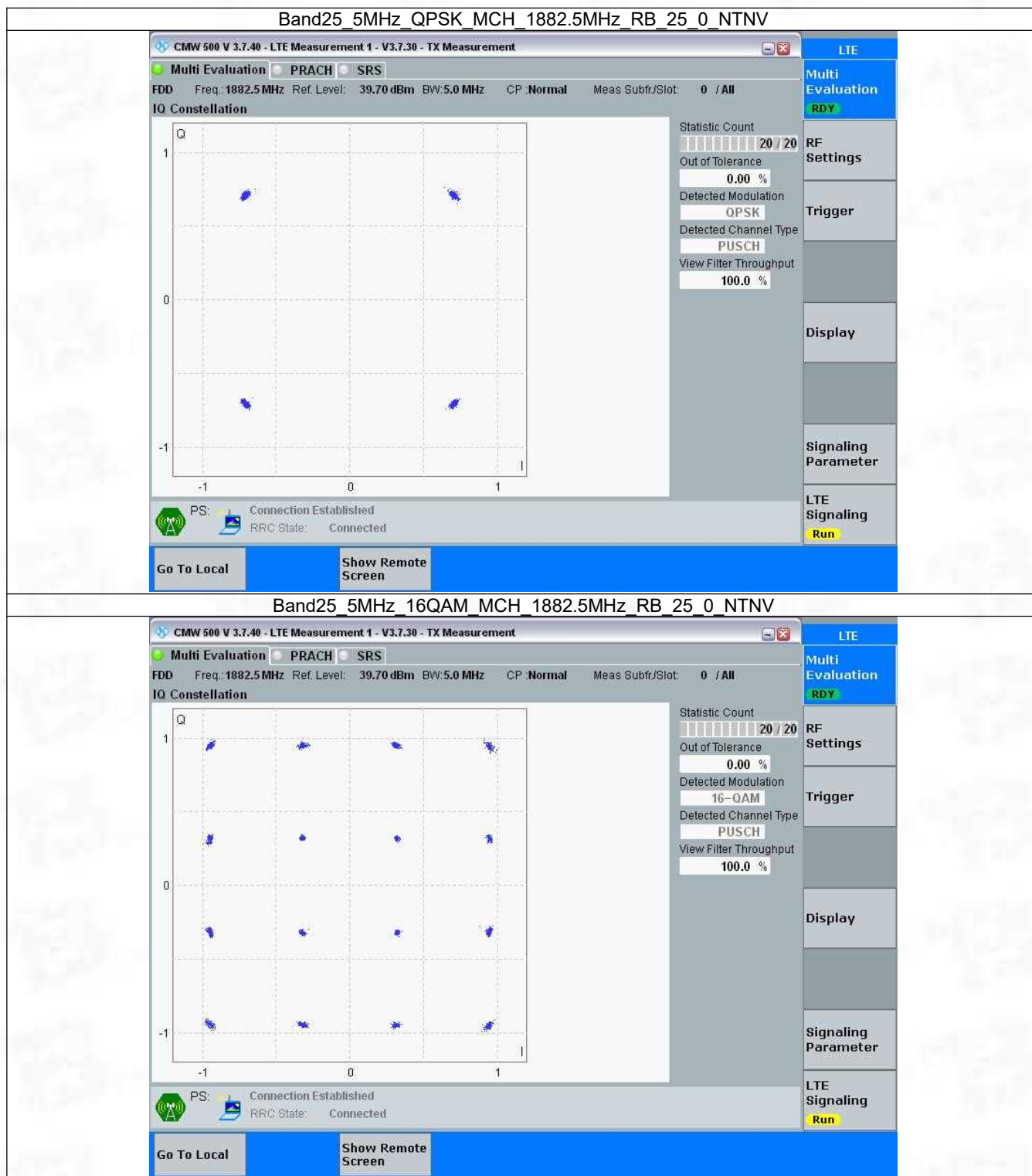
3.2.1 B25_1.4MHz



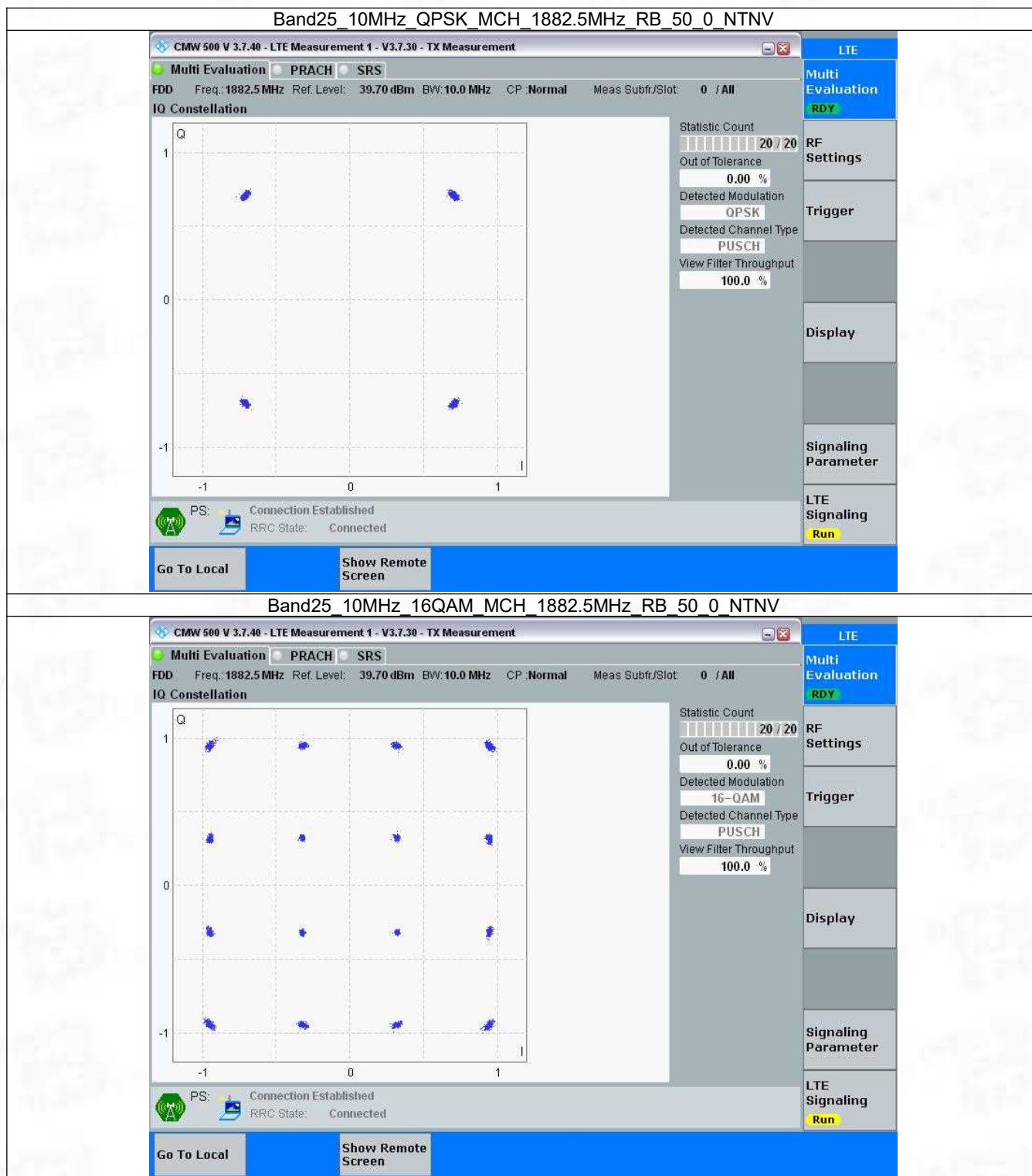
3.2.2 B25_3MHz



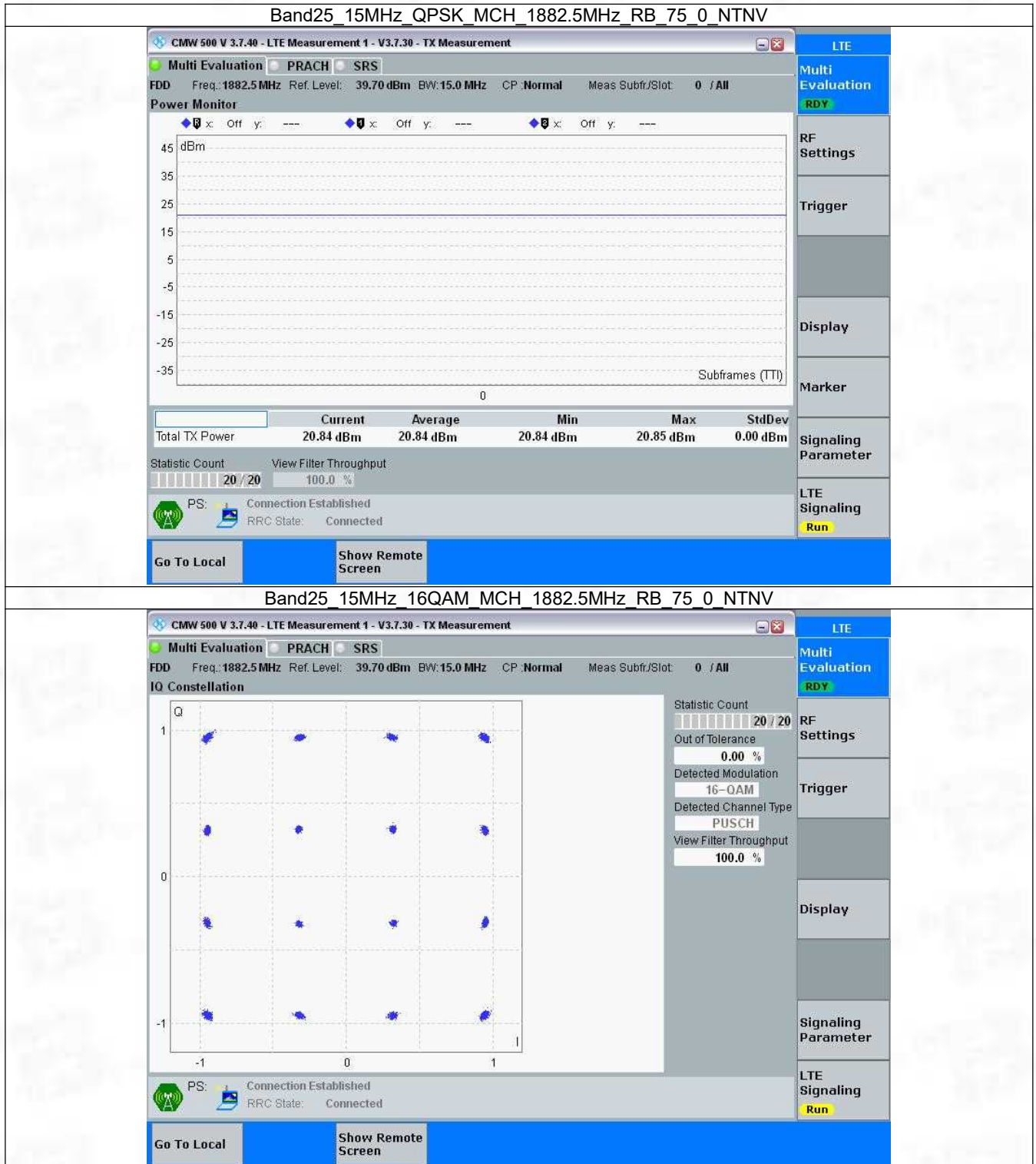
3.2.3 B25_5MHz



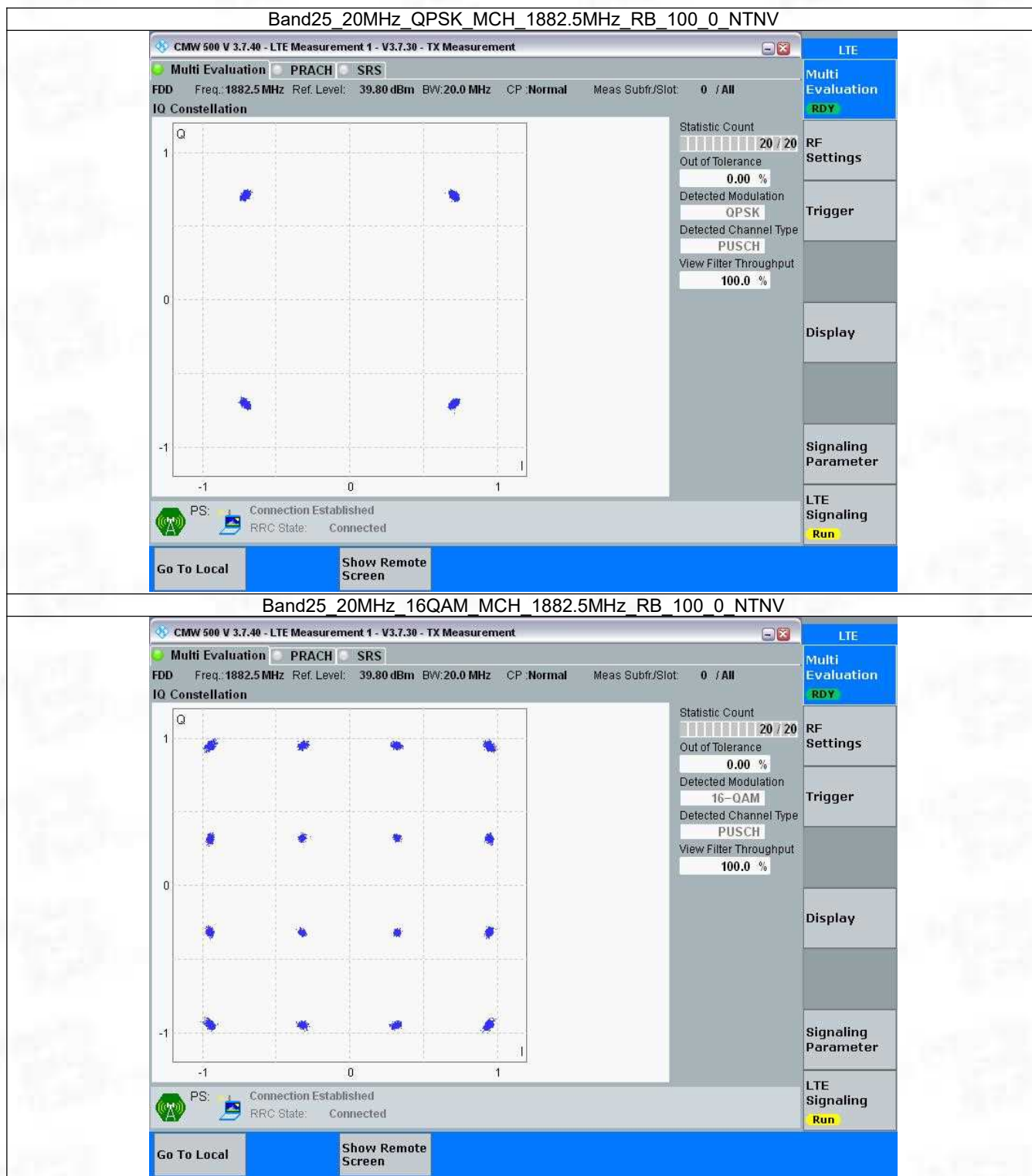
3.2.4 B25_10MHz



3.2.5 B25_15MHz



3.2.6 B25_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band25_OBW

Band: 25 / 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
		1882.5	6	0	1.117	/	Pass
		1914.3	6	0	1.110	/	Pass
	16QAM	1850.7	6	0	1.112	/	Pass
		1882.5	6	0	1.110	/	Pass
		1914.3	6	0	1.120	/	Pass
3	QPSK	1851.5	15	0	2.760	/	Pass
		1882.5	15	0	2.743	/	Pass
		1913.5	15	0	2.759	/	Pass
	16QAM	1851.5	15	0	2.752	/	Pass
		1882.5	15	0	2.748	/	Pass
		1913.5	15	0	2.756	/	Pass
5	QPSK	1852.5	25	0	4.547	/	Pass
		1882.5	25	0	4.539	/	Pass
		1912.5	25	0	4.537	/	Pass
	16QAM	1852.5	25	0	4.546	/	Pass
		1882.5	25	0	4.543	/	Pass
		1912.5	25	0	4.570	/	Pass
10	QPSK	1855	50	0	9.065	/	Pass
		1882.5	50	0	9.055	/	Pass
		1910	50	0	9.060	/	Pass
	16QAM	1855	50	0	9.045	/	Pass
		1882.5	50	0	9.045	/	Pass
		1910	50	0	9.072	/	Pass
15	QPSK	1857.5	75	0	13.597	/	Pass
		1882.5	75	0	13.593	/	Pass
		1907.5	75	0	13.558	/	Pass
	16QAM	1857.5	75	0	13.634	/	Pass
		1882.5	75	0	13.612	/	Pass
		1907.5	75	0	13.632	/	Pass
20	QPSK	1860	100	0	18.128	/	Pass
		1882.5	100	0	18.201	/	Pass
		1905	100	0	18.124	/	Pass
	16QAM	1860	100	0	18.107	/	Pass
		1882.5	100	0	18.206	/	Pass
		1905	100	0	18.120	/	Pass

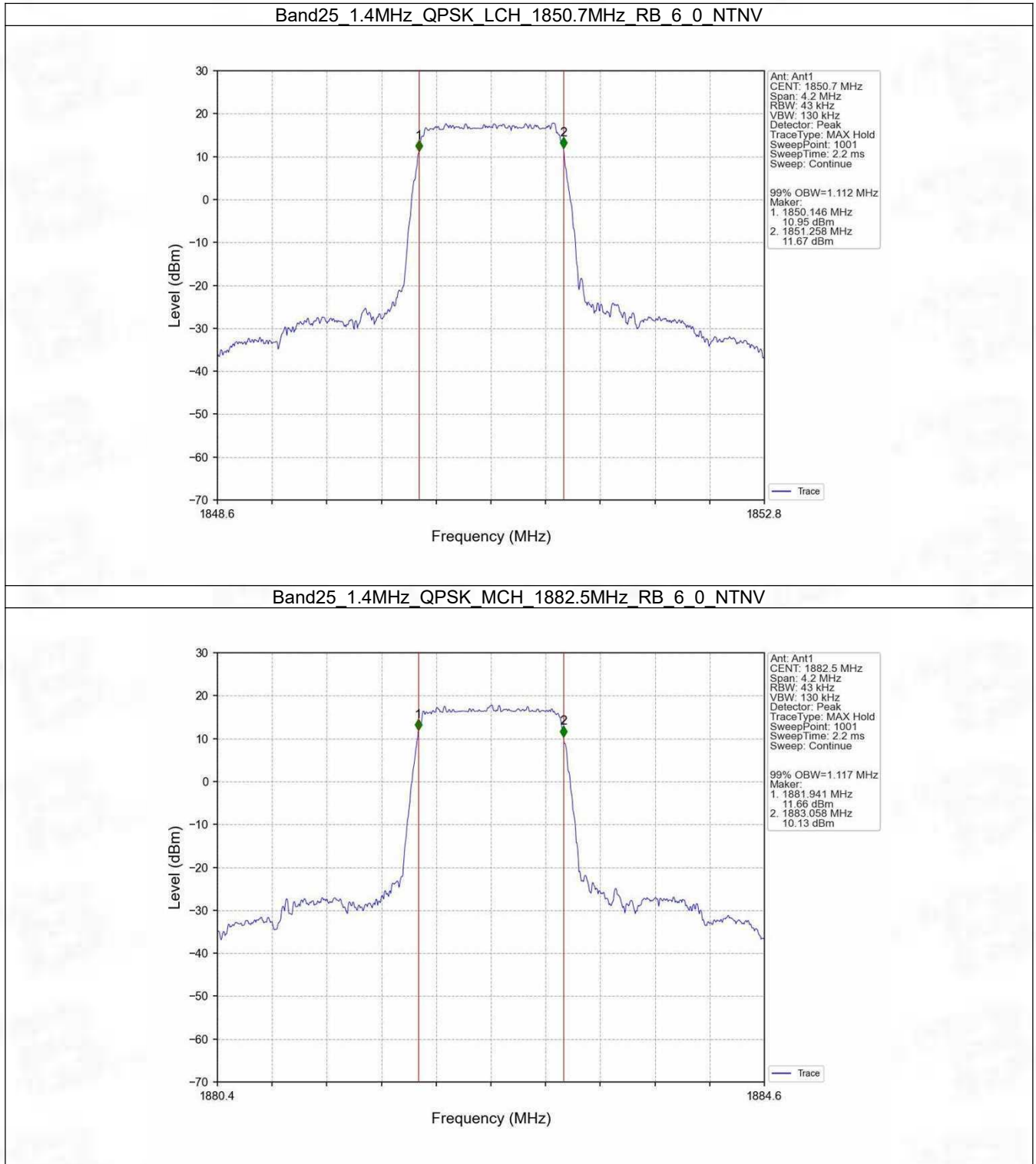
4.1.2 Band25_XDB

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.281	/	Pass
		1882.5	6	0	1.274	/	Pass
		1914.3	6	0	1.276	/	Pass

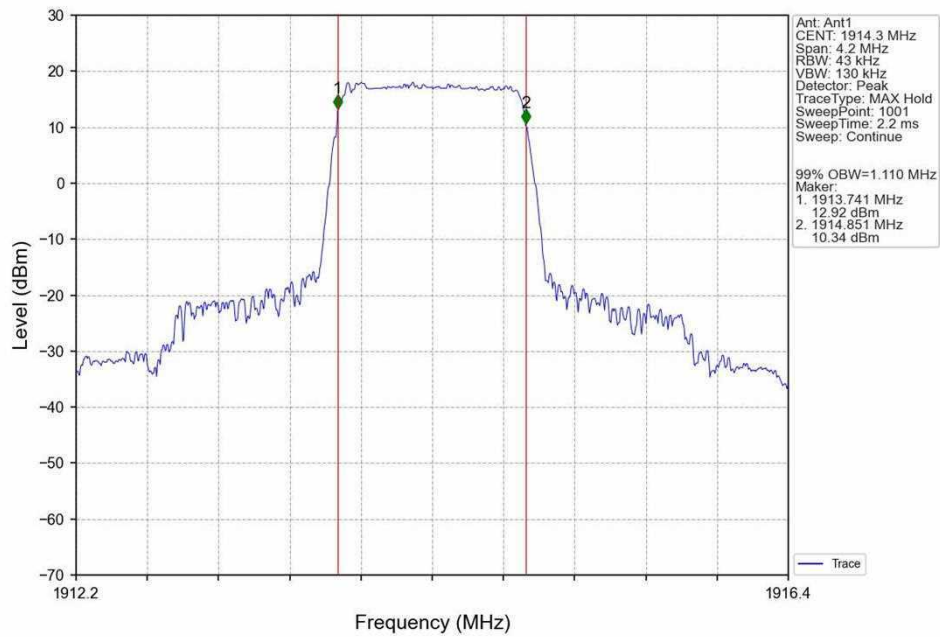
	16QAM	1850.7	6	0	1.277	/	Pass
		1882.5	6	0	1.272	/	Pass
		1914.3	6	0	1.277	/	Pass
3	QPSK	1851.5	15	0	3.091	/	Pass
		1882.5	15	0	3.076	/	Pass
		1913.5	15	0	3.104	/	Pass
	16QAM	1851.5	15	0	3.111	/	Pass
		1882.5	15	0	3.069	/	Pass
		1913.5	15	0	3.113	/	Pass
5	QPSK	1852.5	25	0	5.044	/	Pass
		1882.5	25	0	5.051	/	Pass
		1912.5	25	0	5.051	/	Pass
	16QAM	1852.5	25	0	5.048	/	Pass
		1882.5	25	0	5.065	/	Pass
		1912.5	25	0	5.058	/	Pass
10	QPSK	1855	50	0	10.041	/	Pass
		1882.5	50	0	10.065	/	Pass
		1910	50	0	10.055	/	Pass
	16QAM	1855	50	0	10.026	/	Pass
		1882.5	50	0	10.022	/	Pass
		1910	50	0	10.009	/	Pass
15	QPSK	1857.5	75	0	15.190	/	Pass
		1882.5	75	0	15.209	/	Pass
		1907.5	75	0	15.222	/	Pass
	16QAM	1857.5	75	0	15.172	/	Pass
		1882.5	75	0	15.135	/	Pass
		1907.5	75	0	15.290	/	Pass
20	QPSK	1860	100	0	19.999	/	Pass
		1882.5	100	0	19.874	/	Pass
		1905	100	0	20.022	/	Pass
	16QAM	1860	100	0	19.967	/	Pass
		1882.5	100	0	20.070	/	Pass
		1905	100	0	20.060	/	Pass

4.2 Test Graph

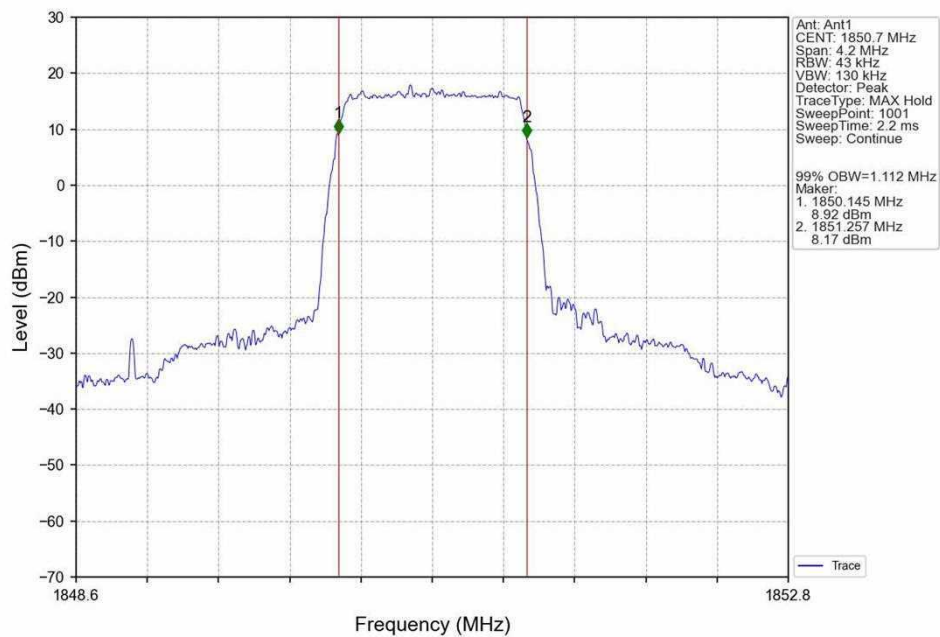
4.2.1 Band25_OBW



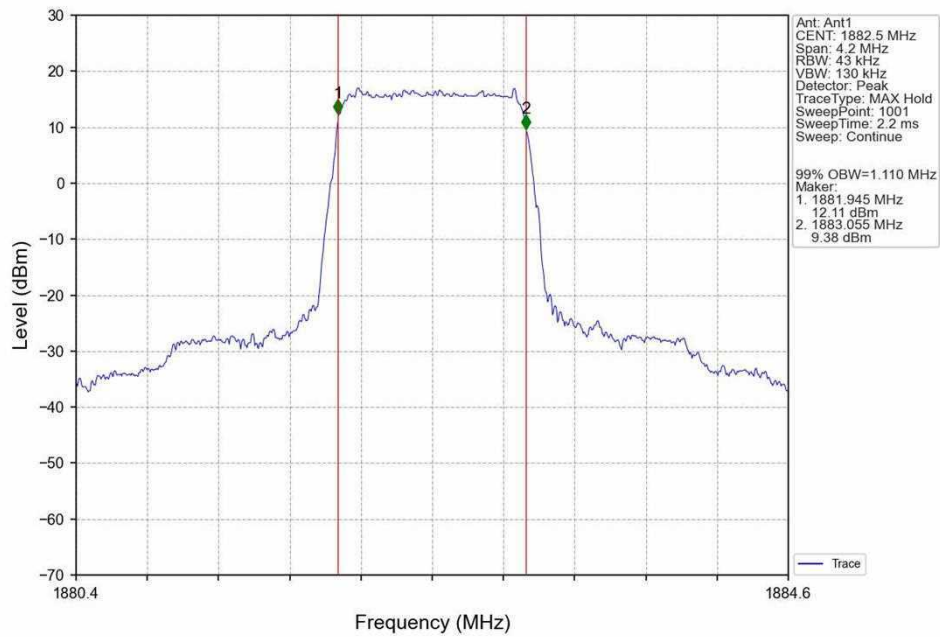
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



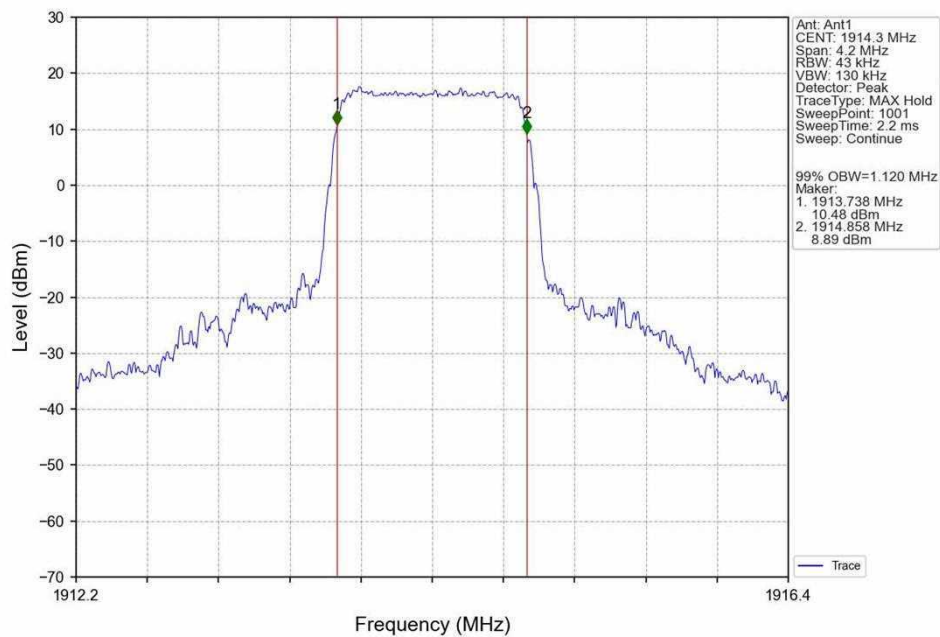
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



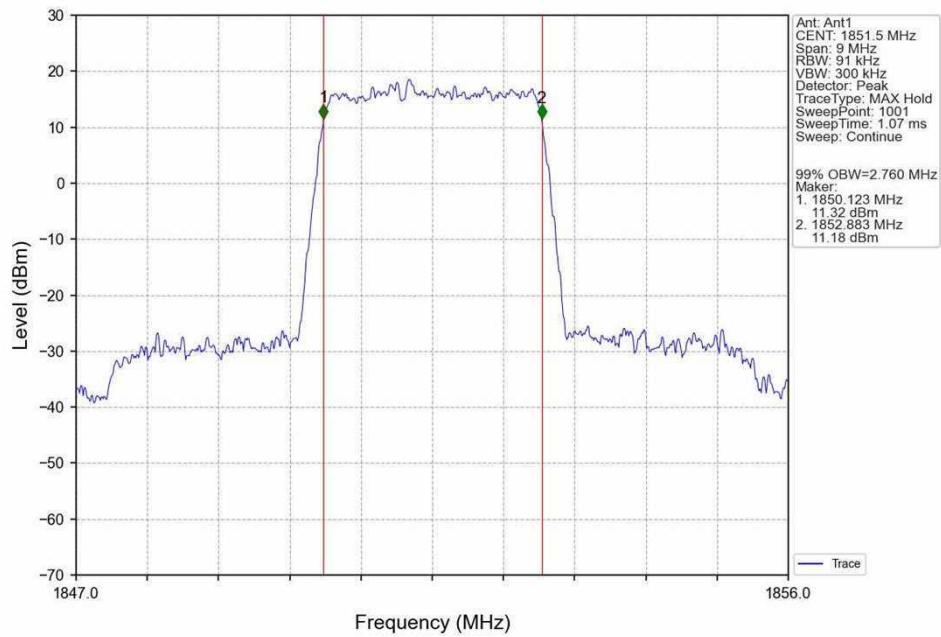
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



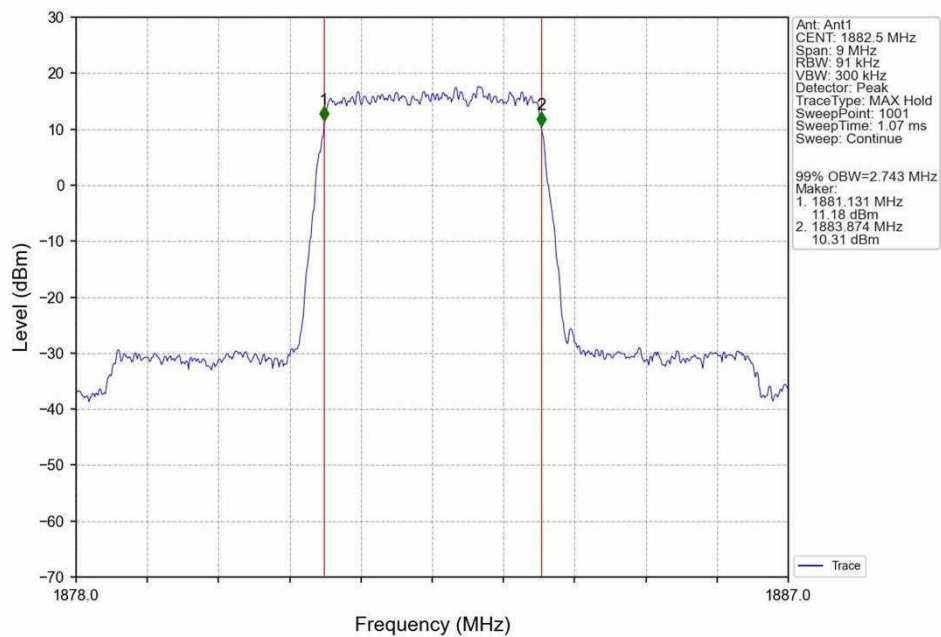
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



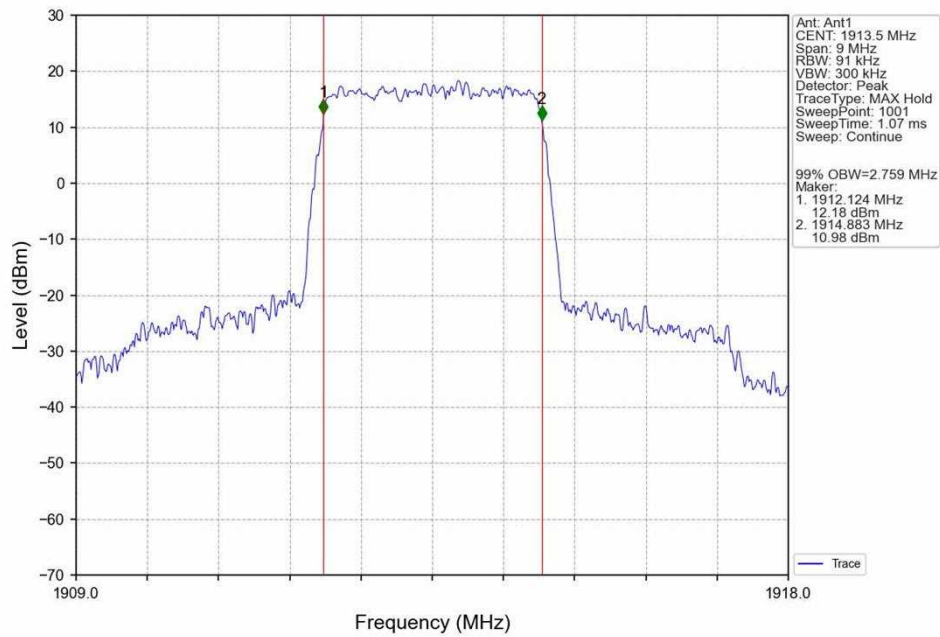
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



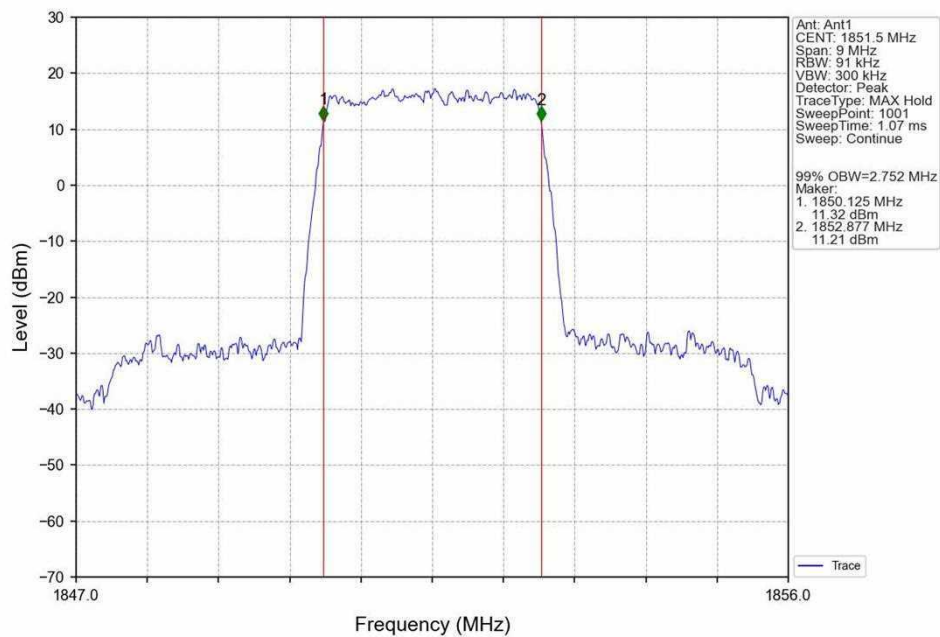
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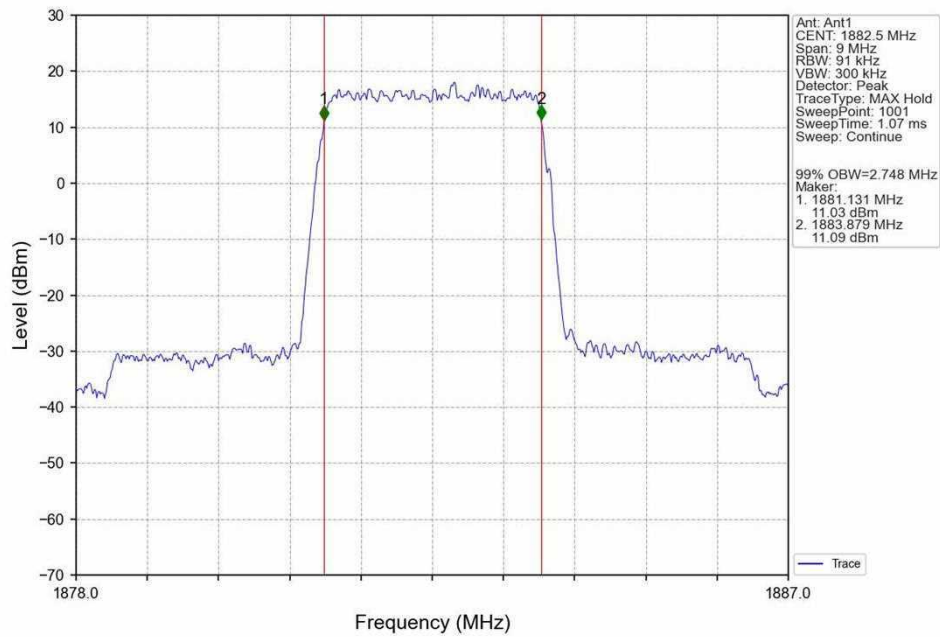
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



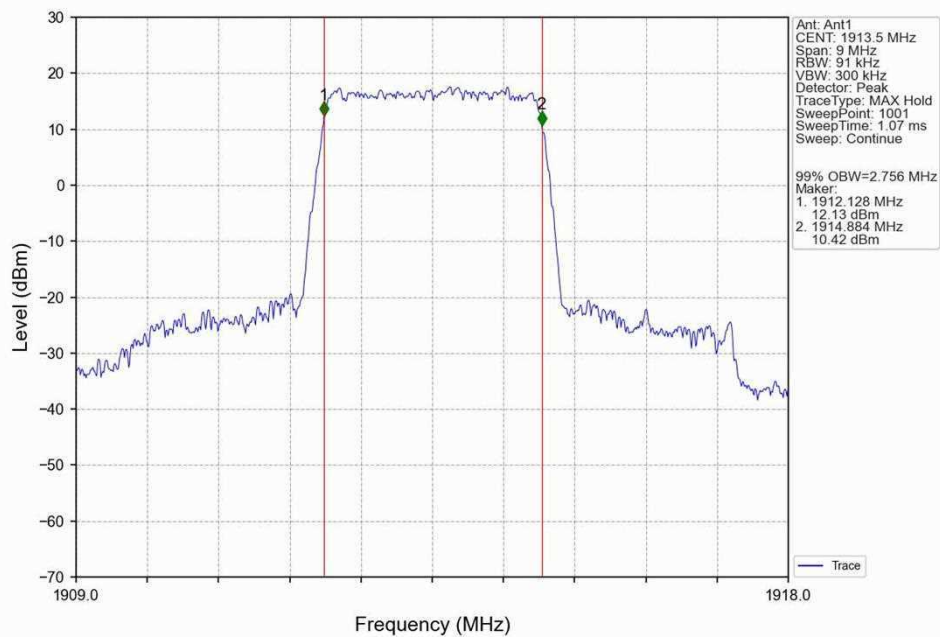
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



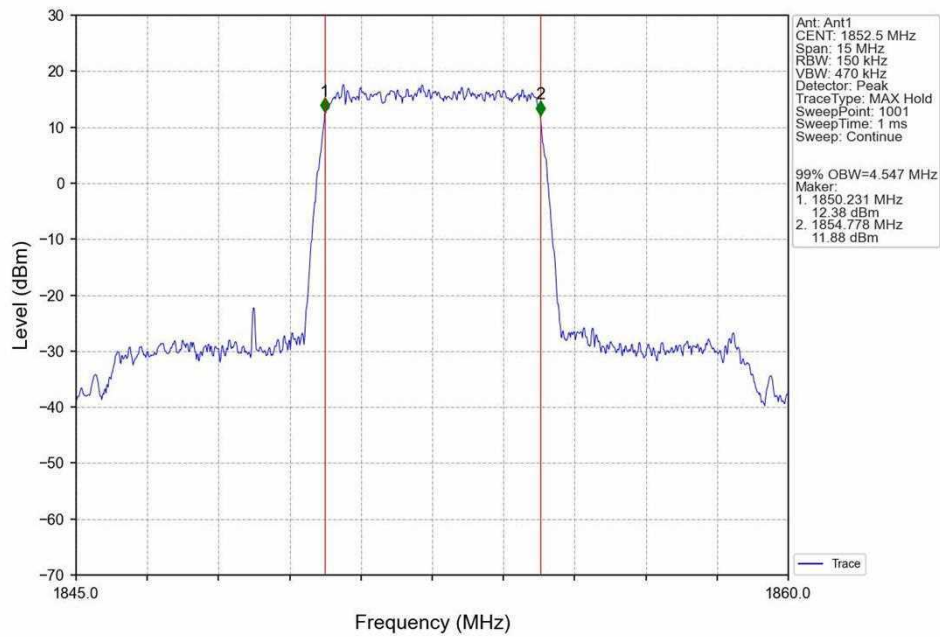
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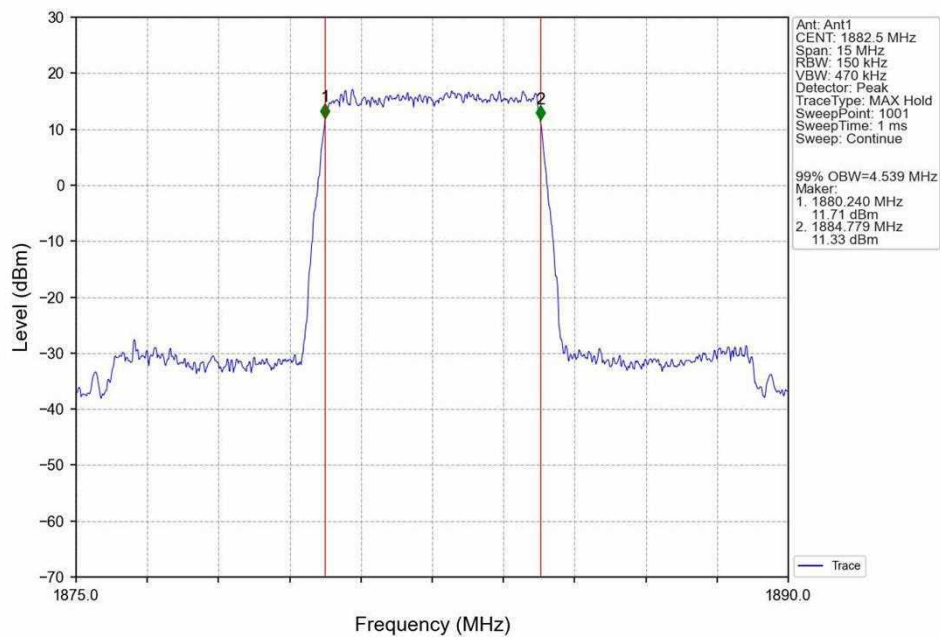
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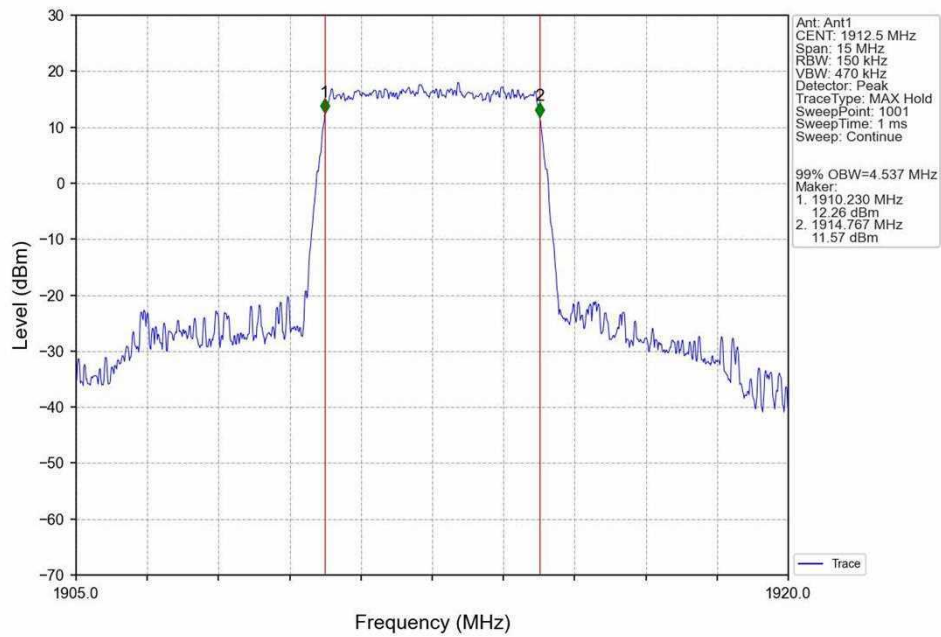
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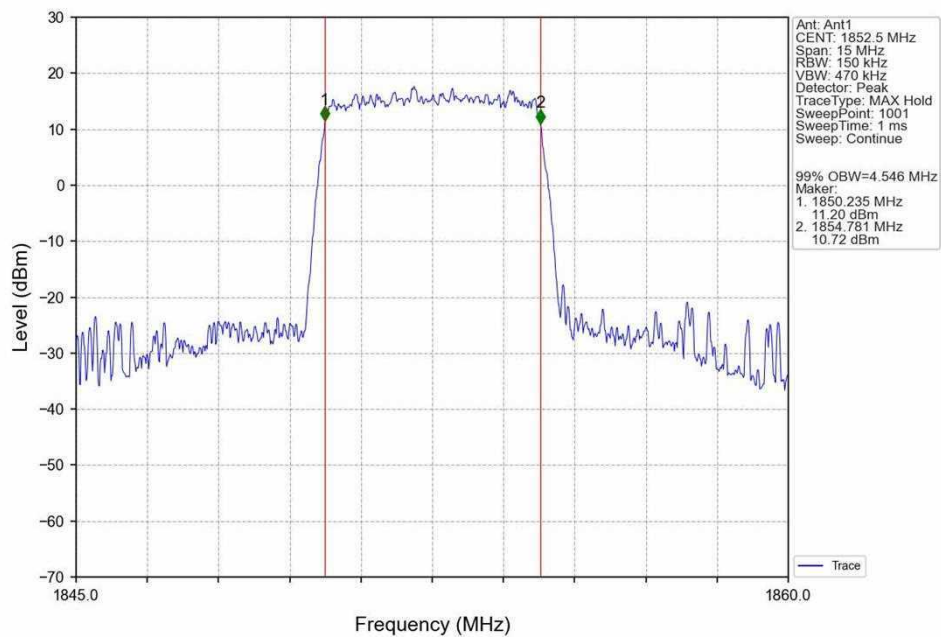
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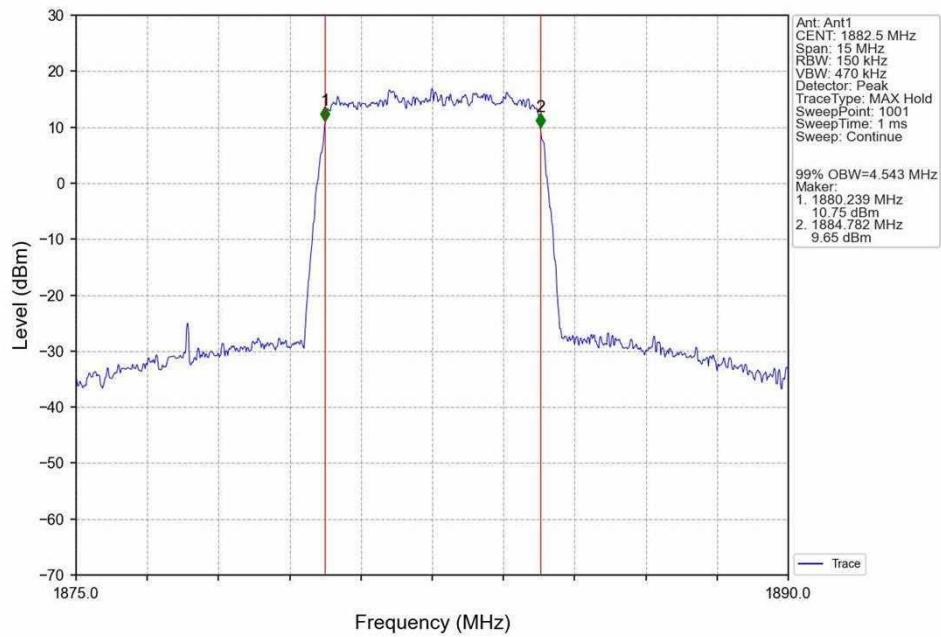
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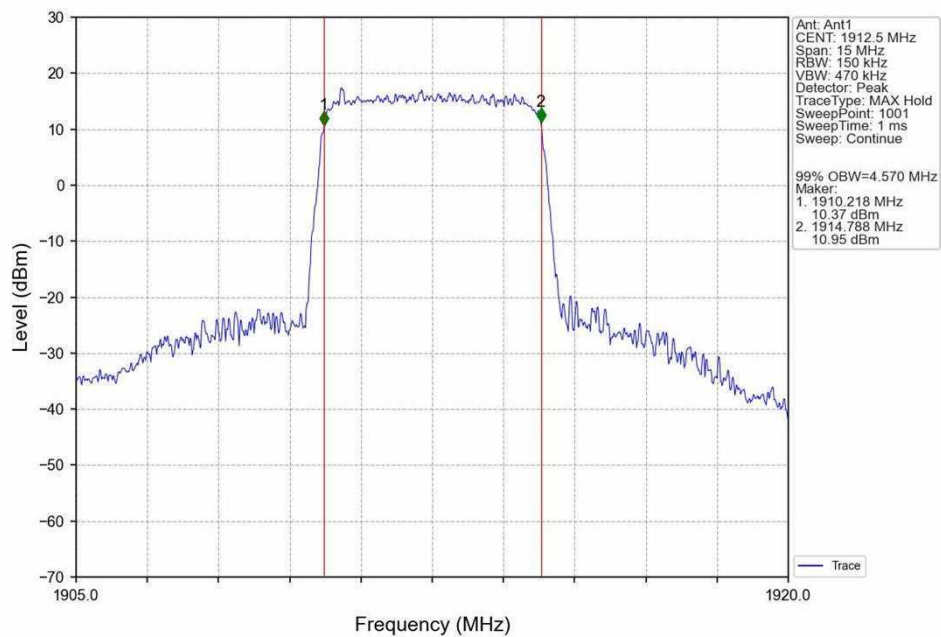
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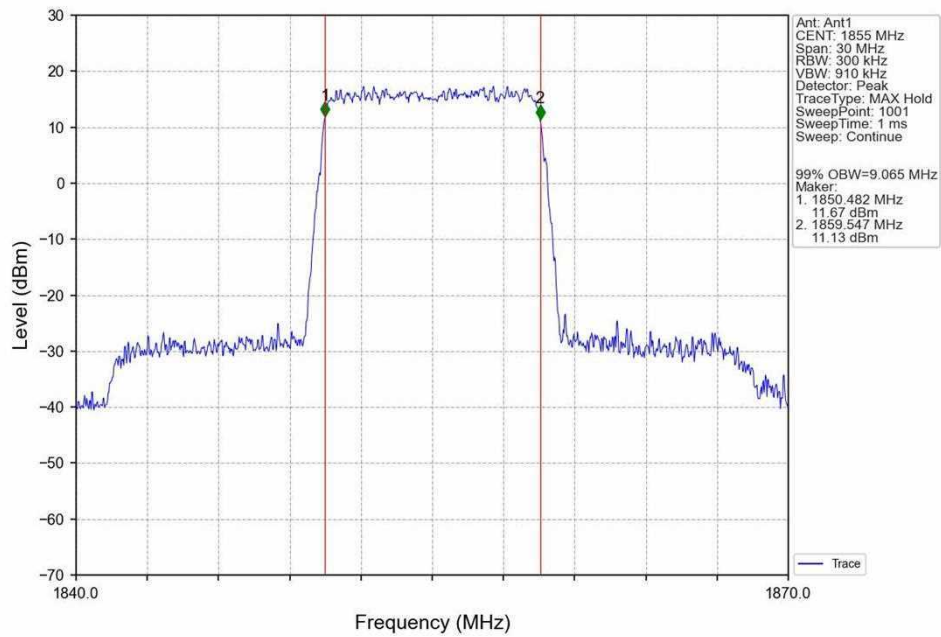
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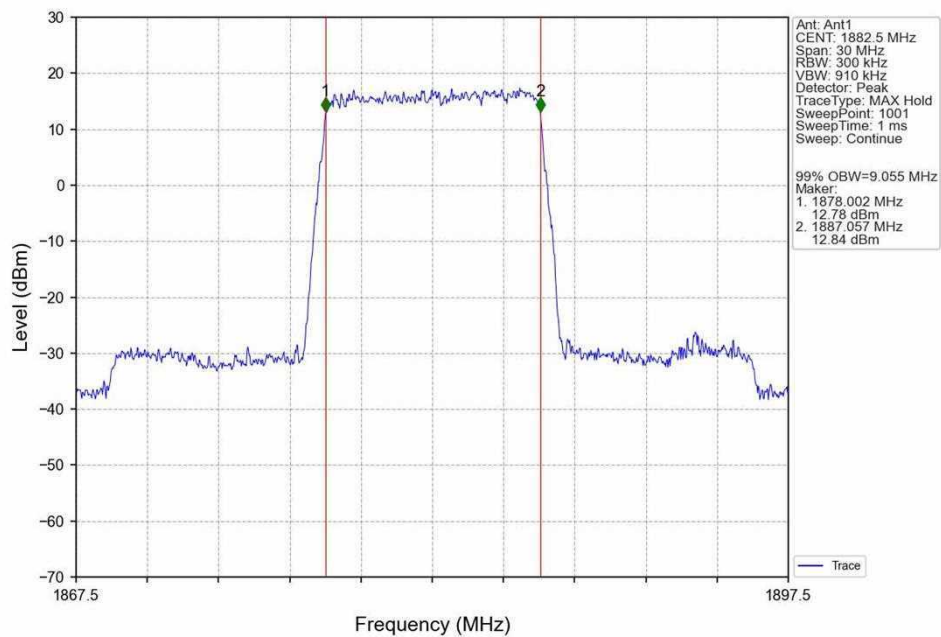
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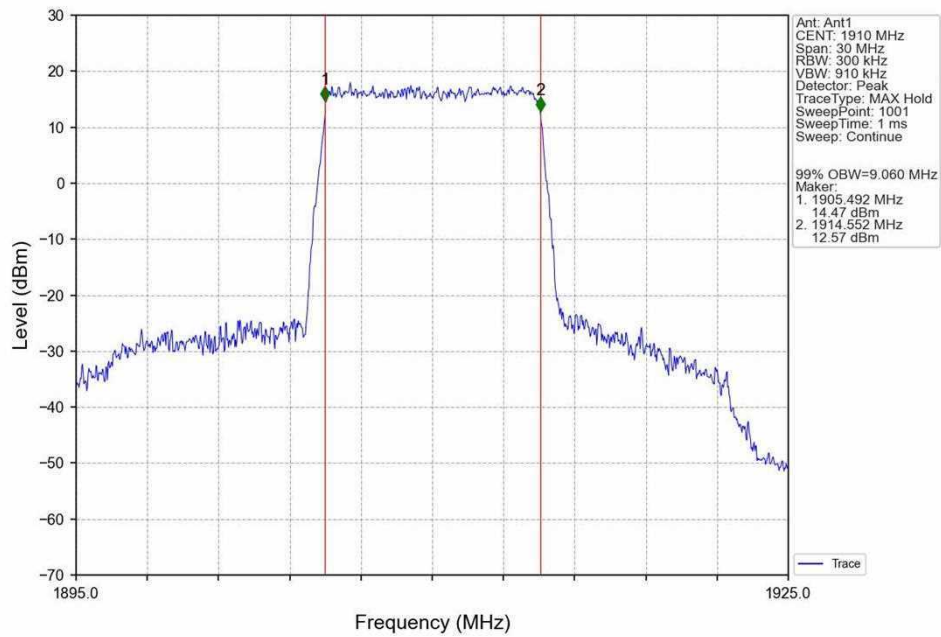
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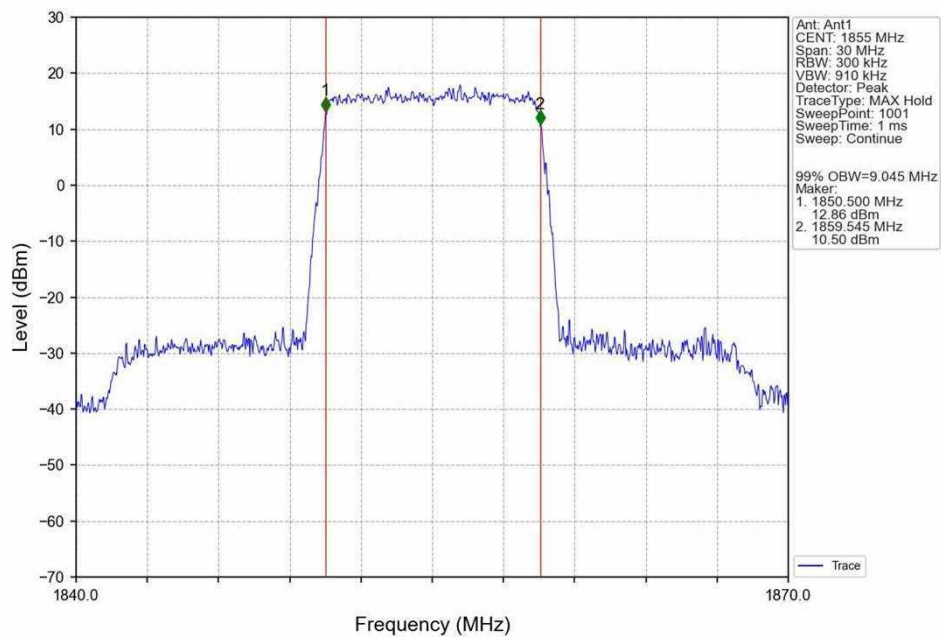
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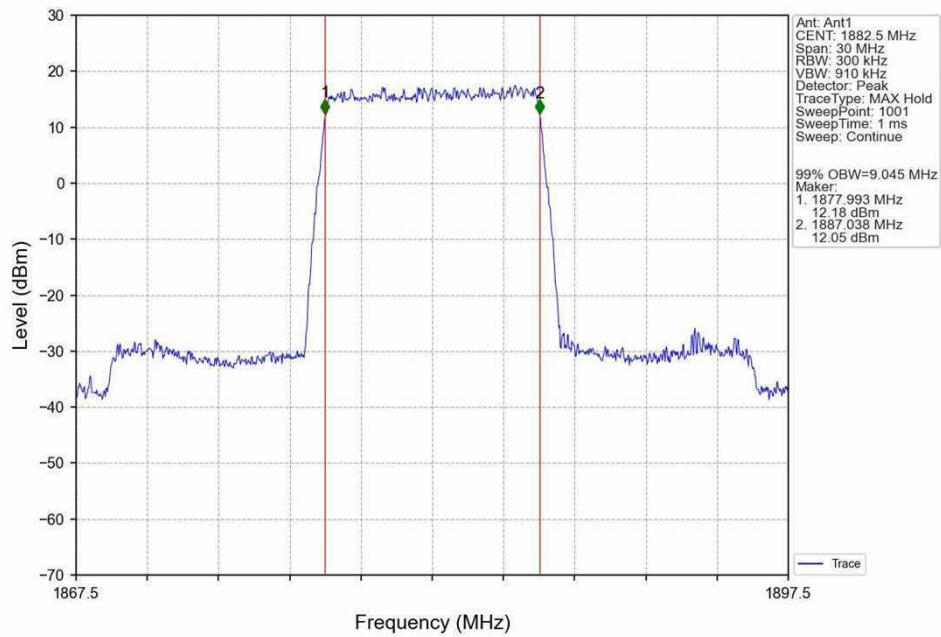
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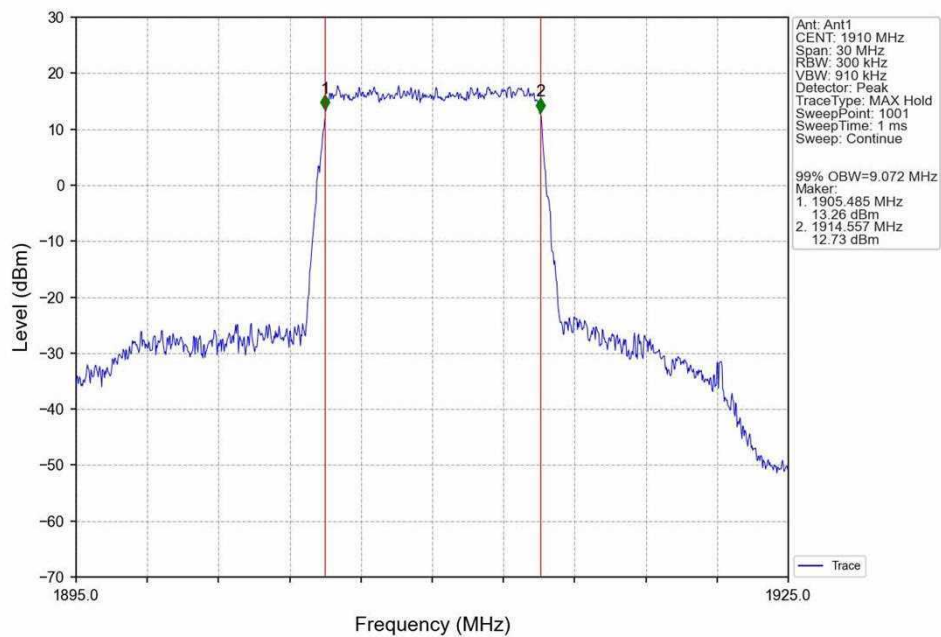
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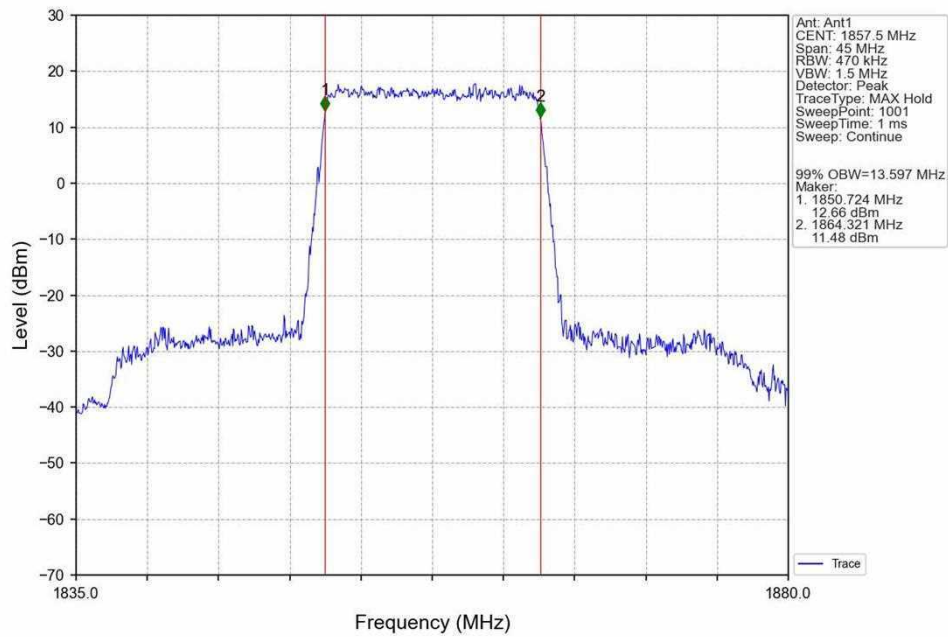
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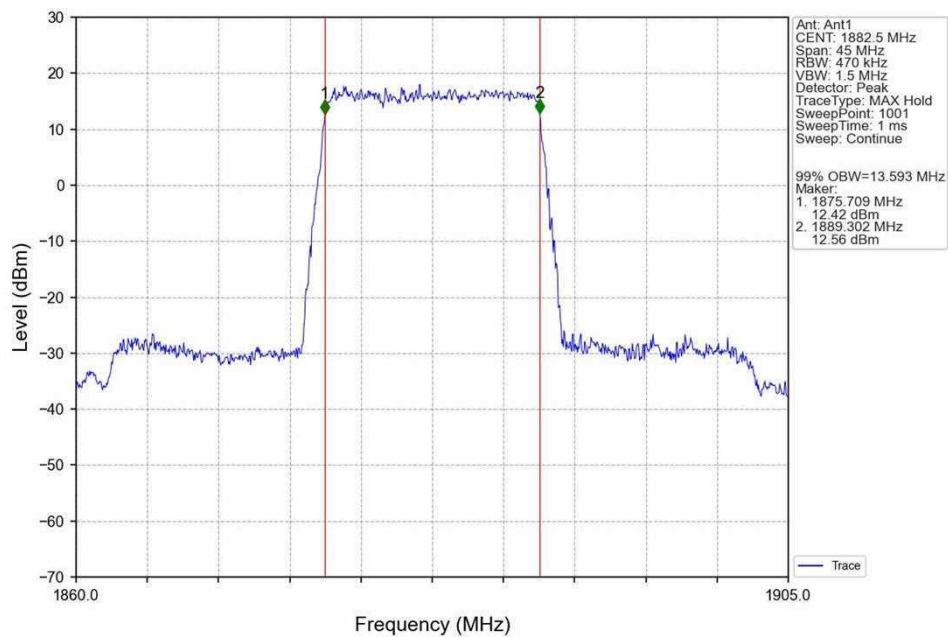
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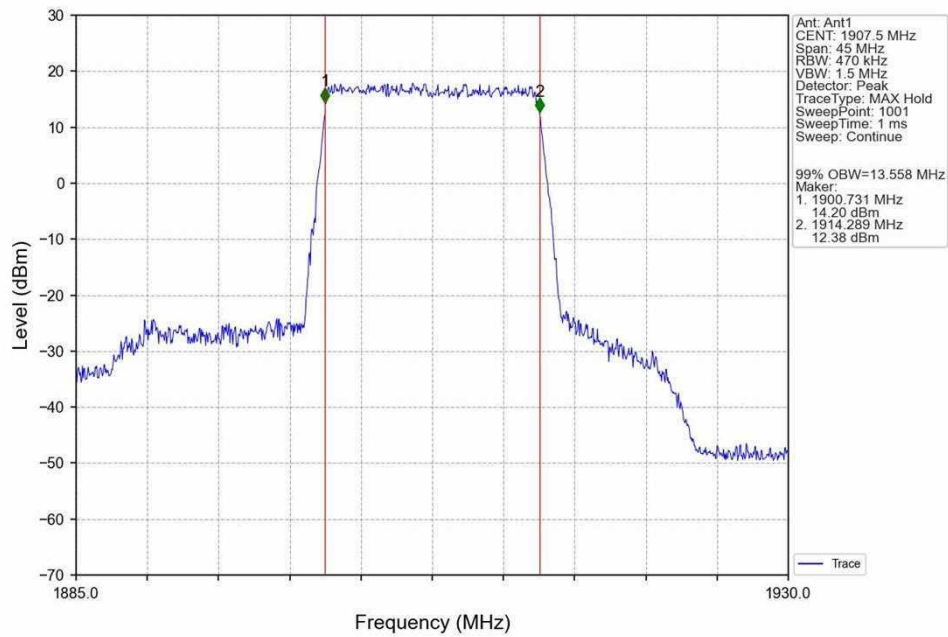
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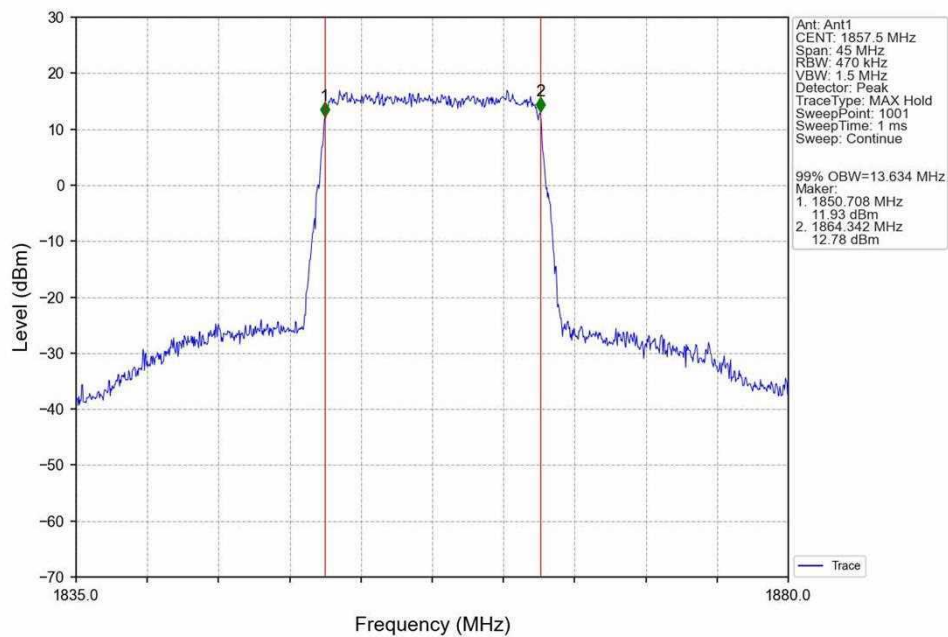
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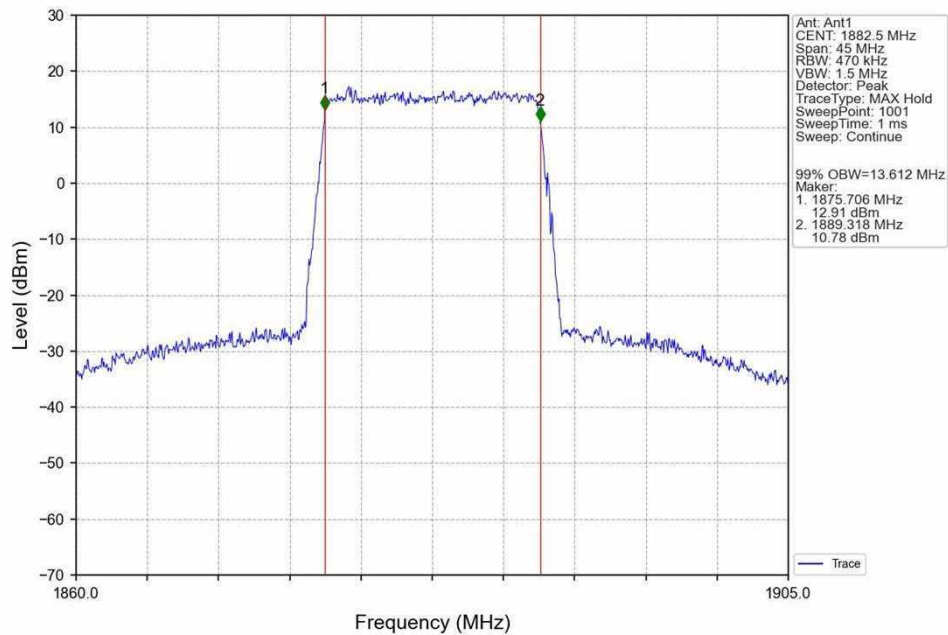
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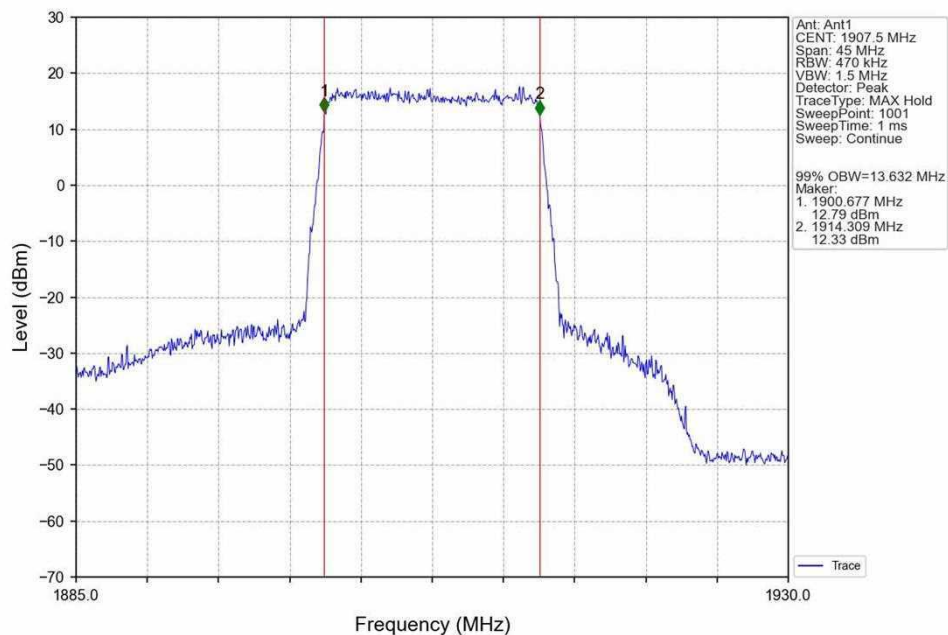
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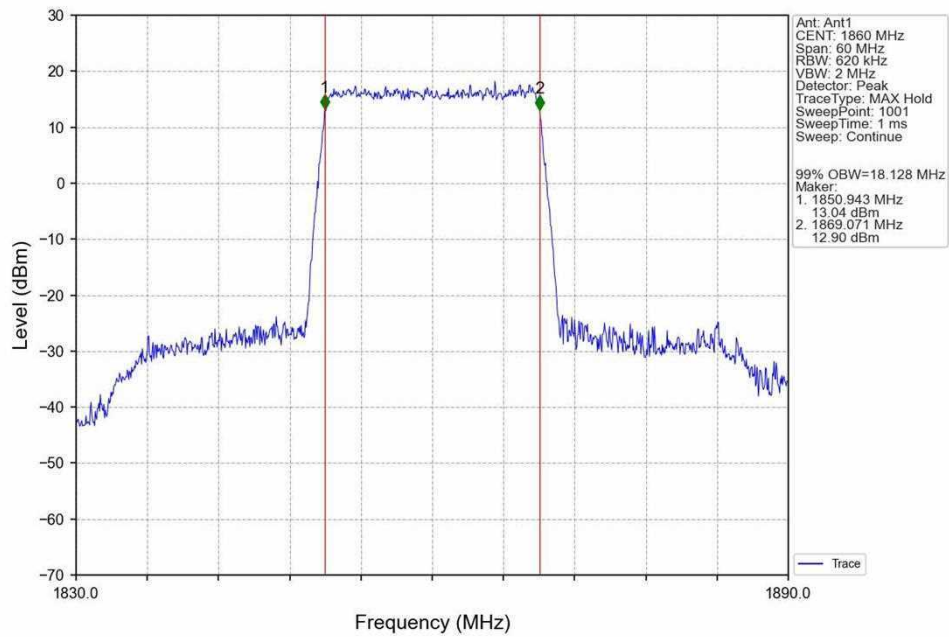
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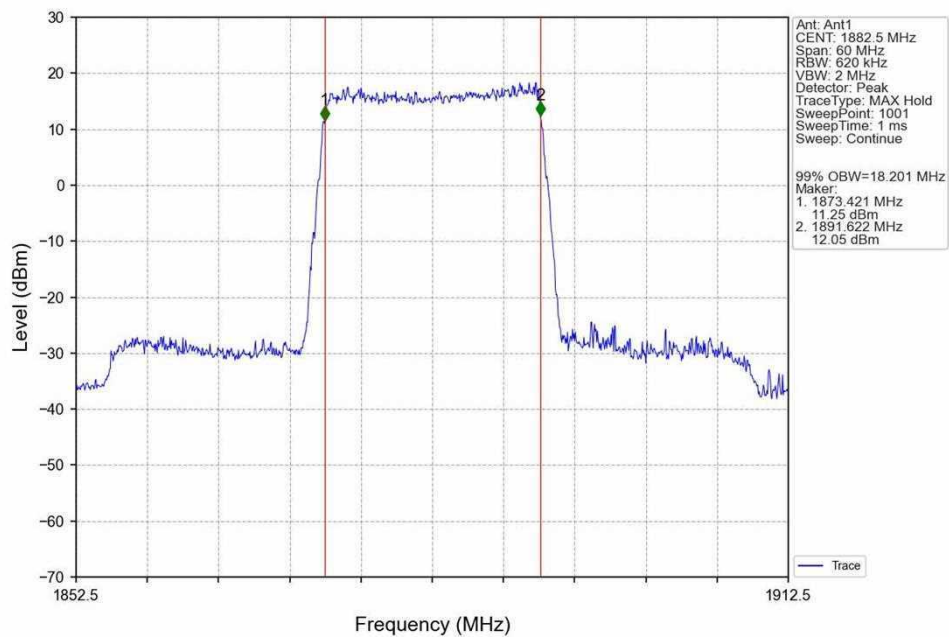
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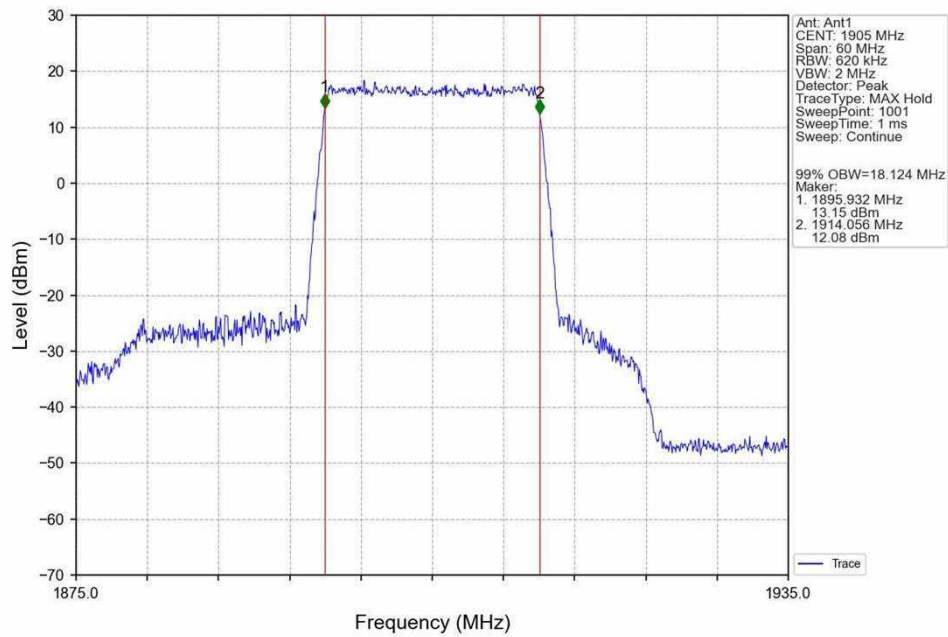
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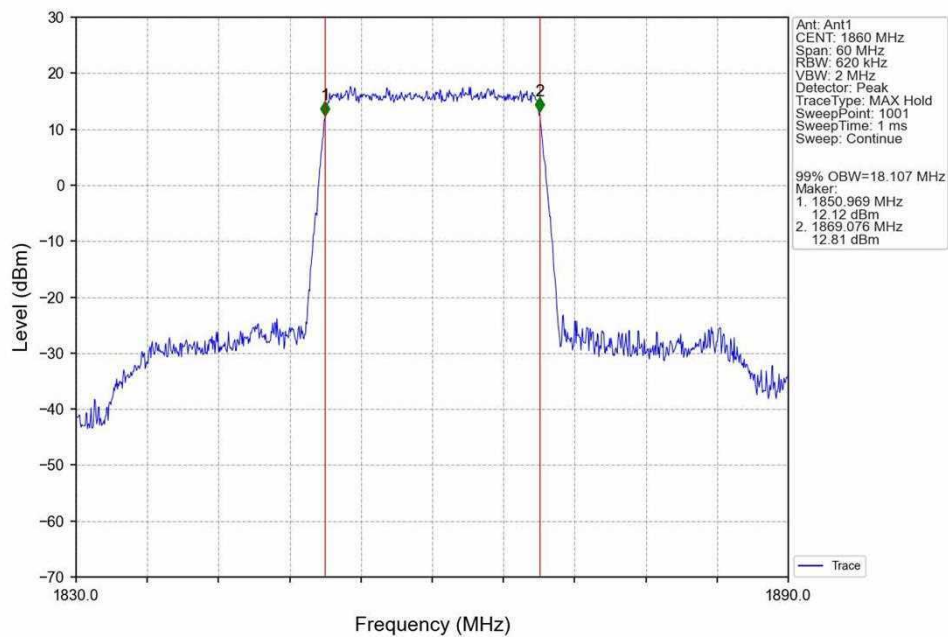
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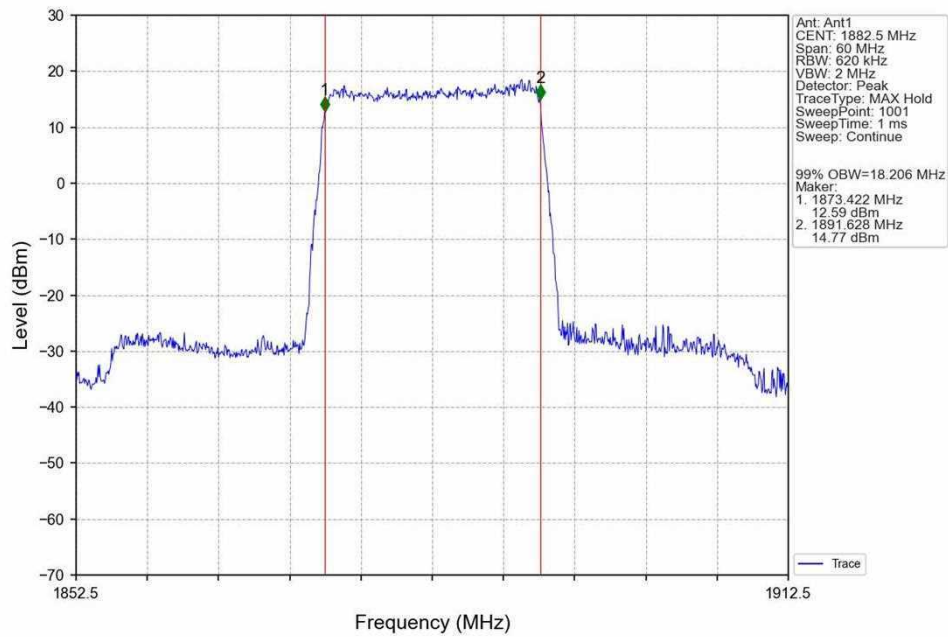
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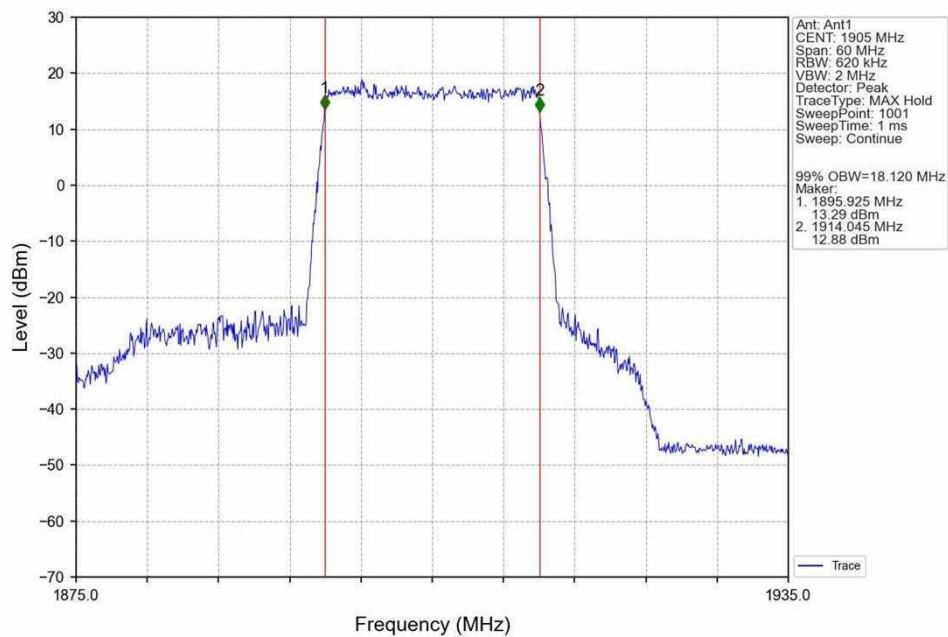
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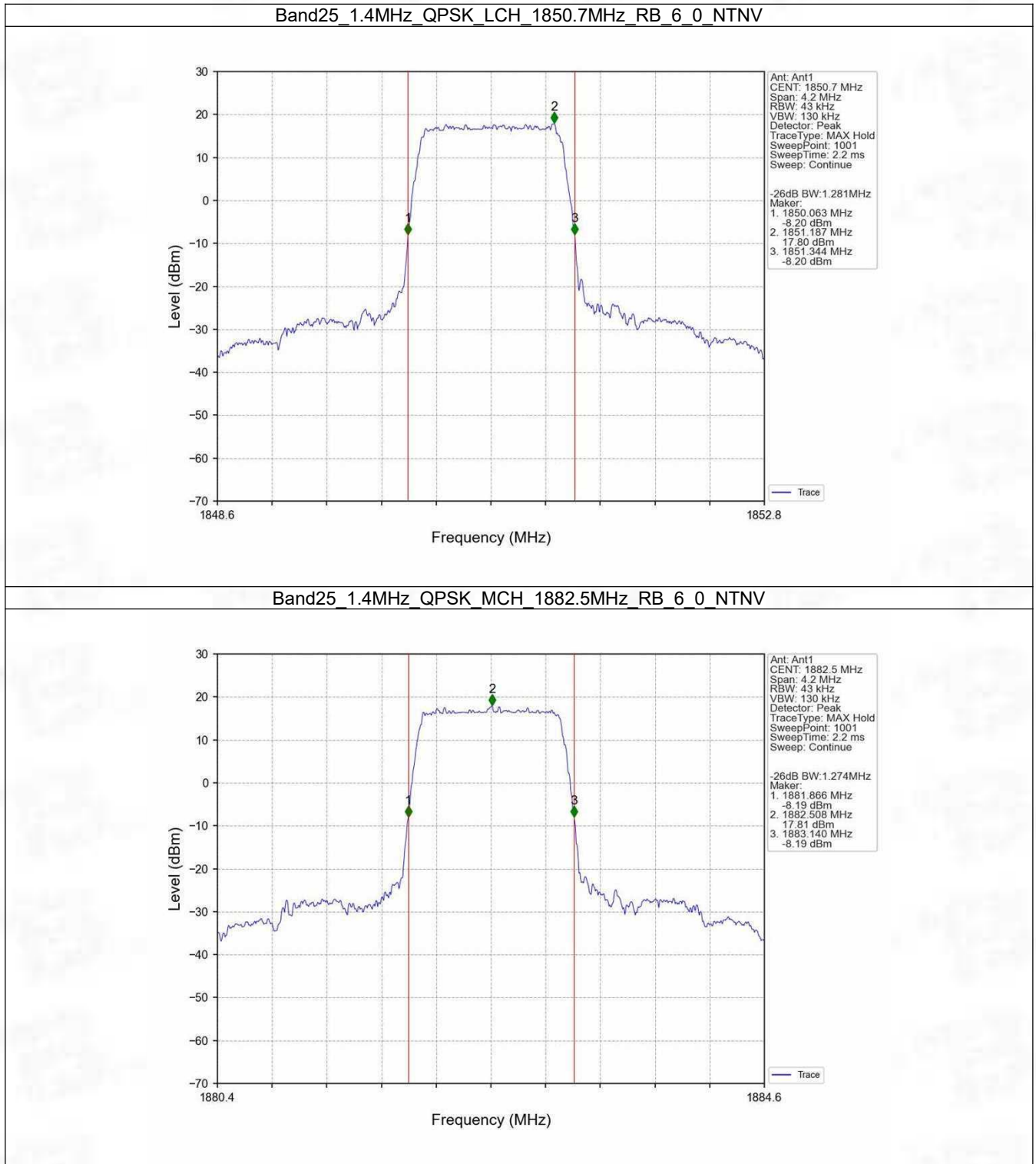
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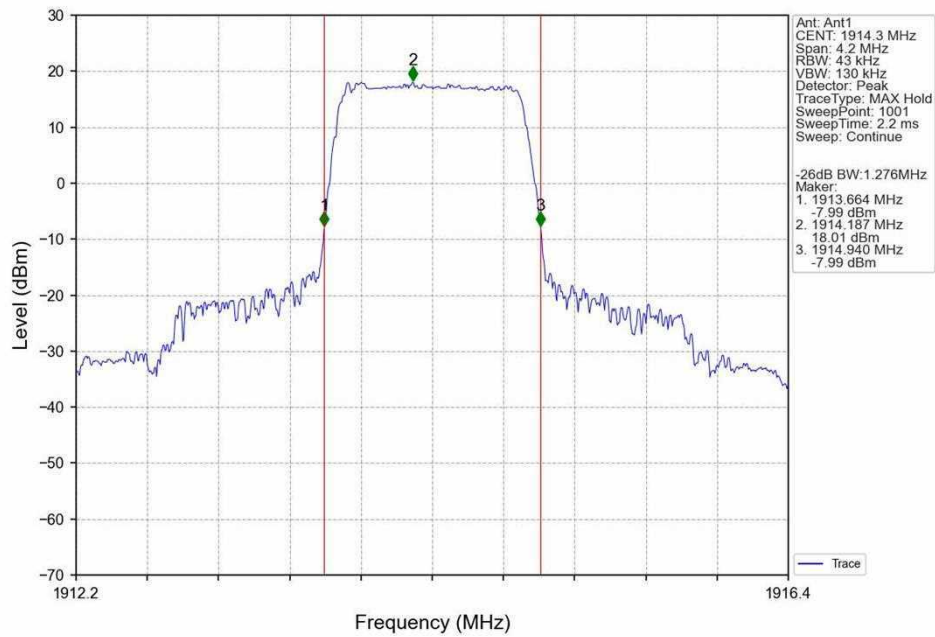
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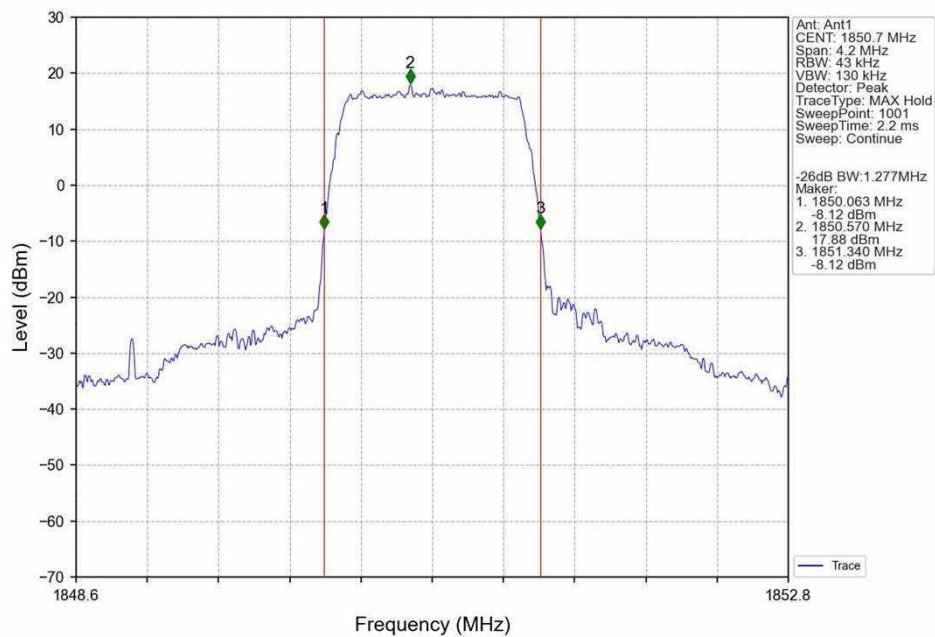
4.2.2 Band25_XDB



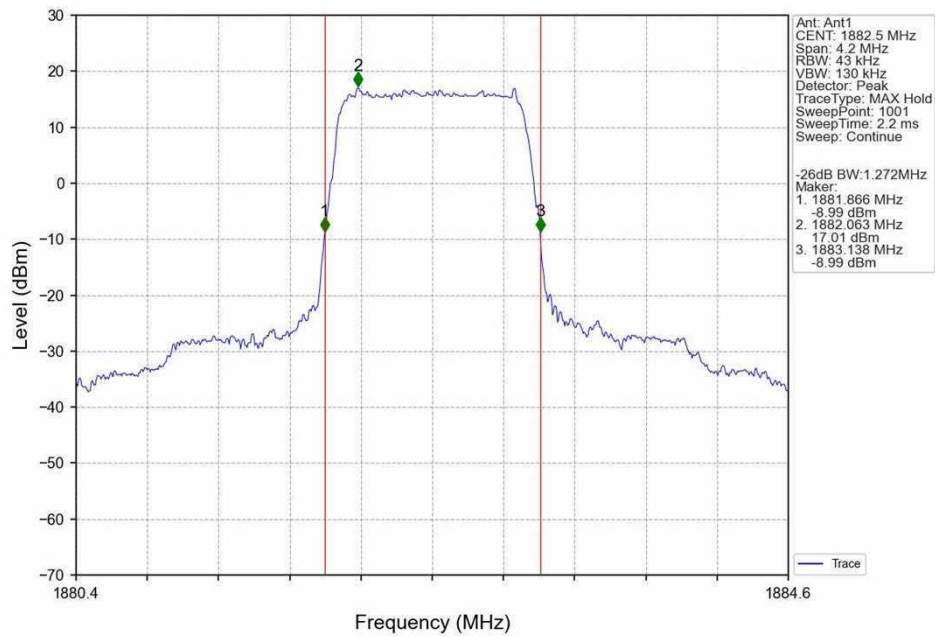
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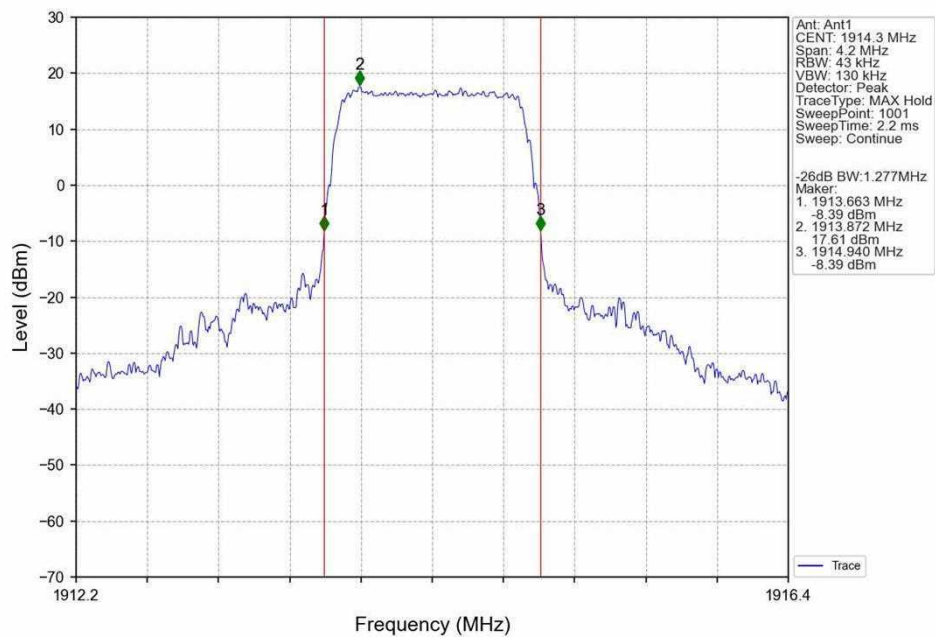
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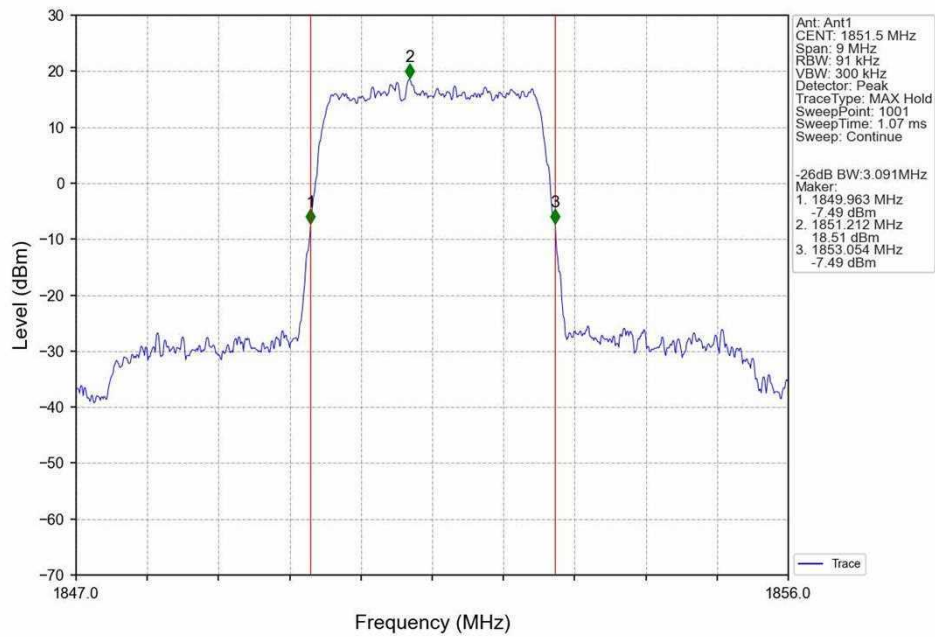
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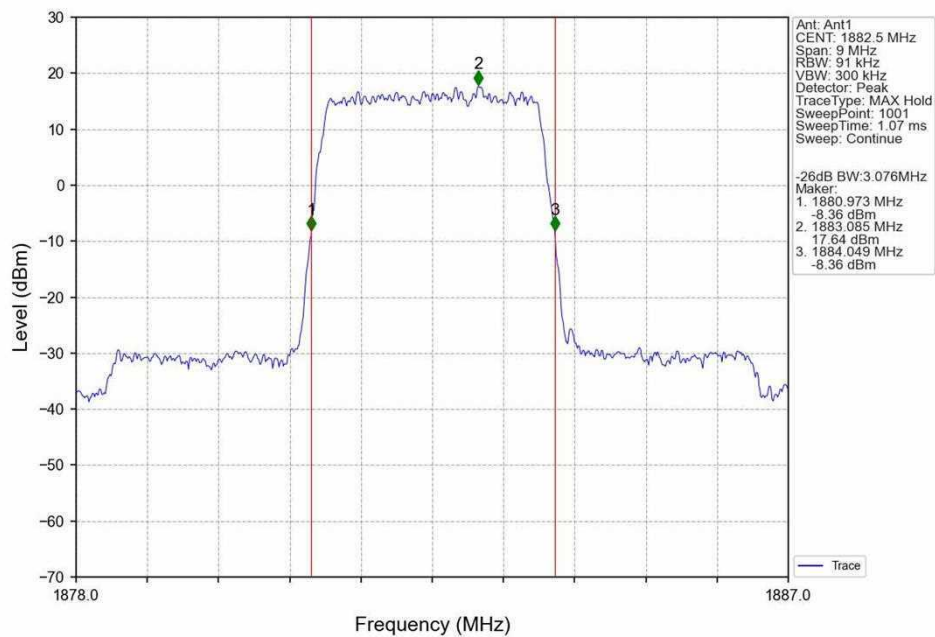
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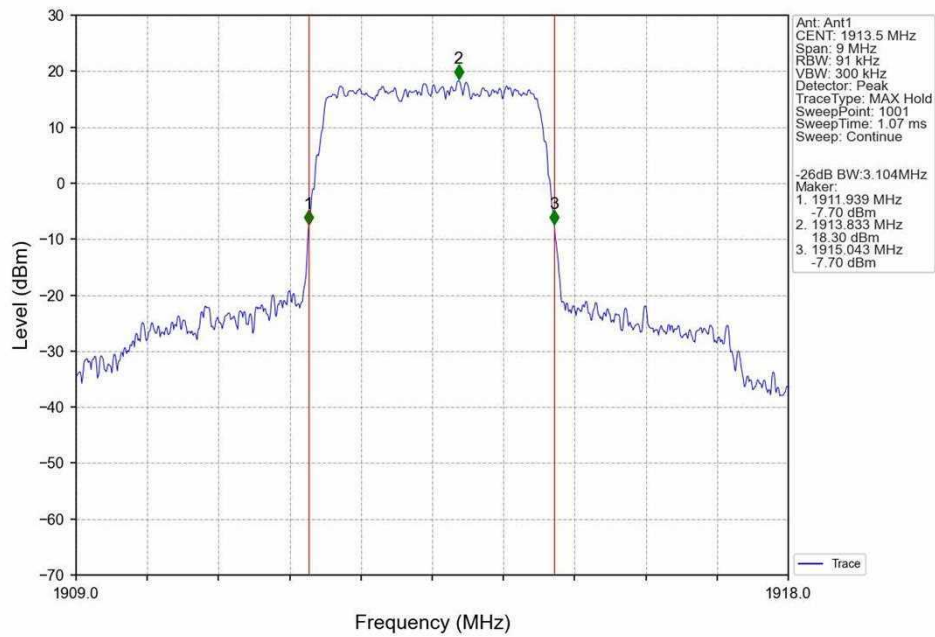
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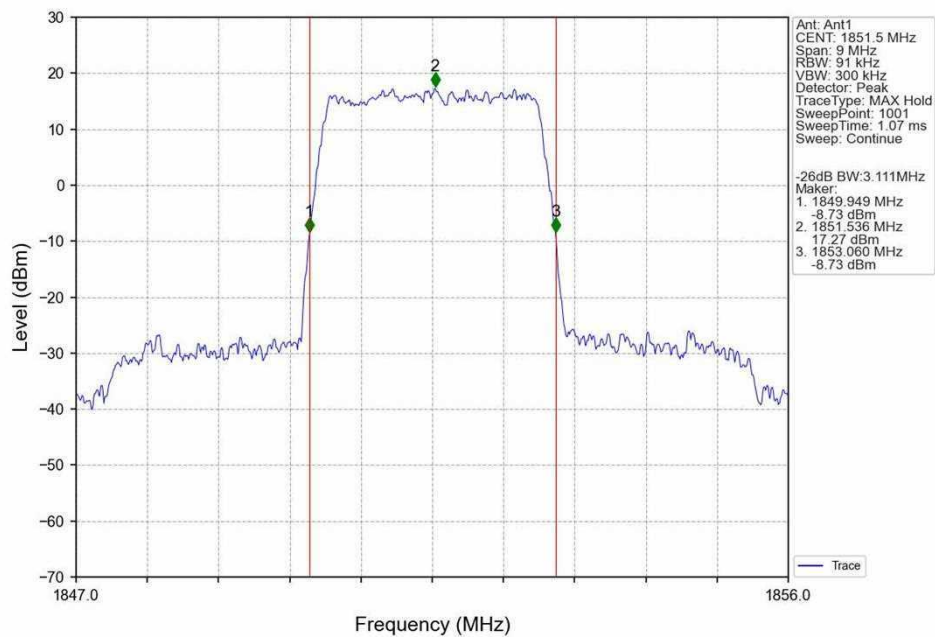
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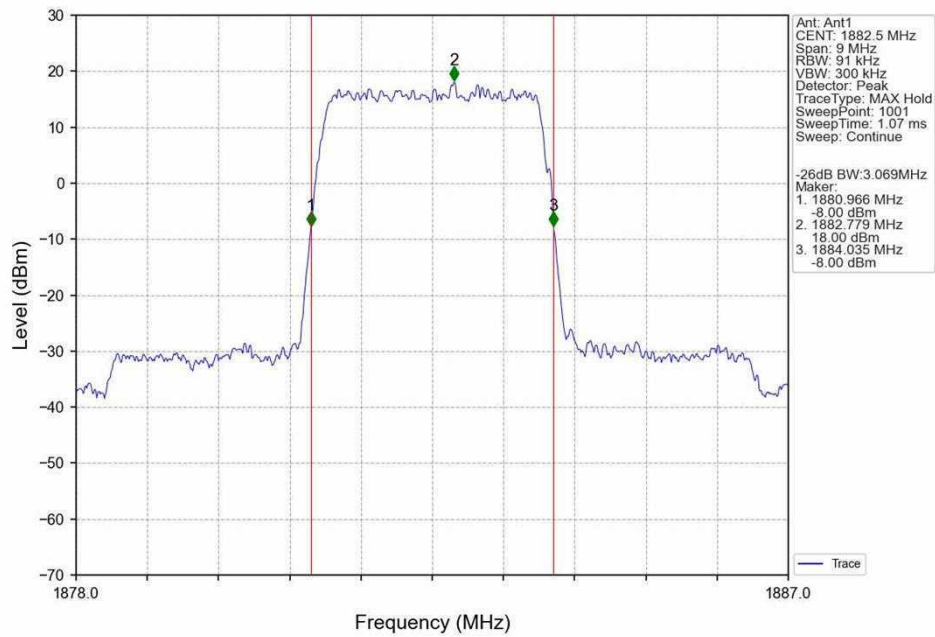
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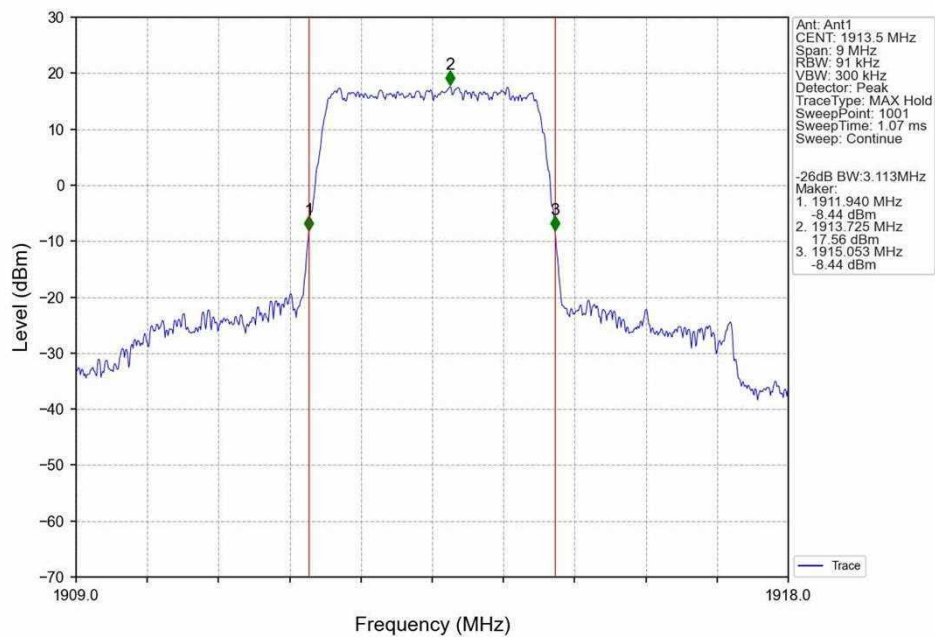
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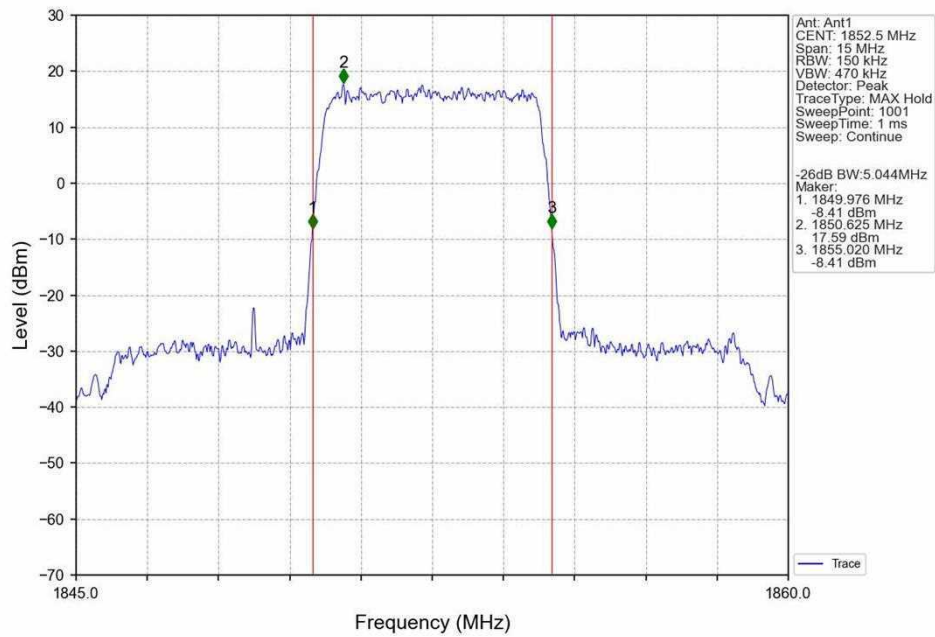
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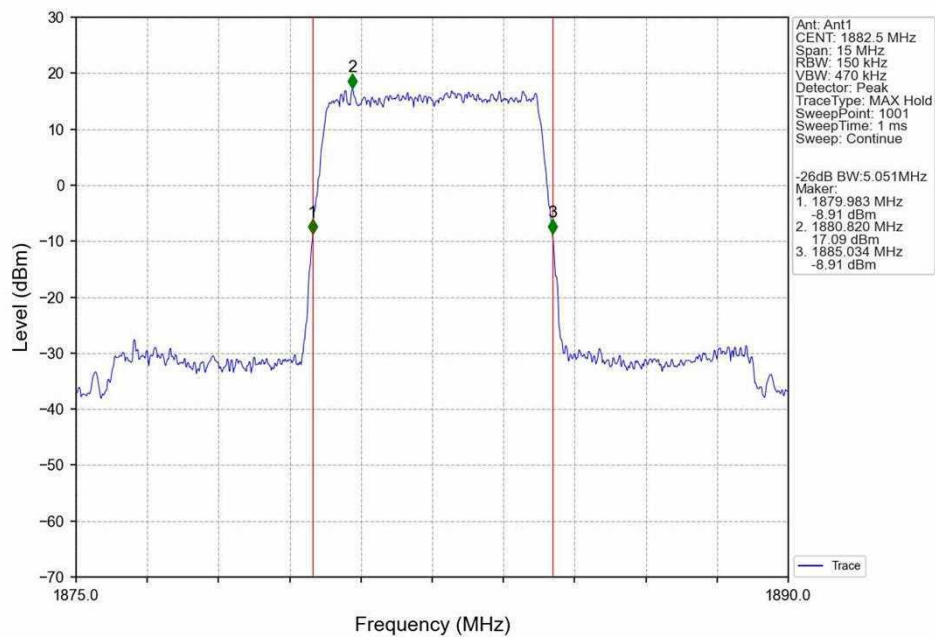
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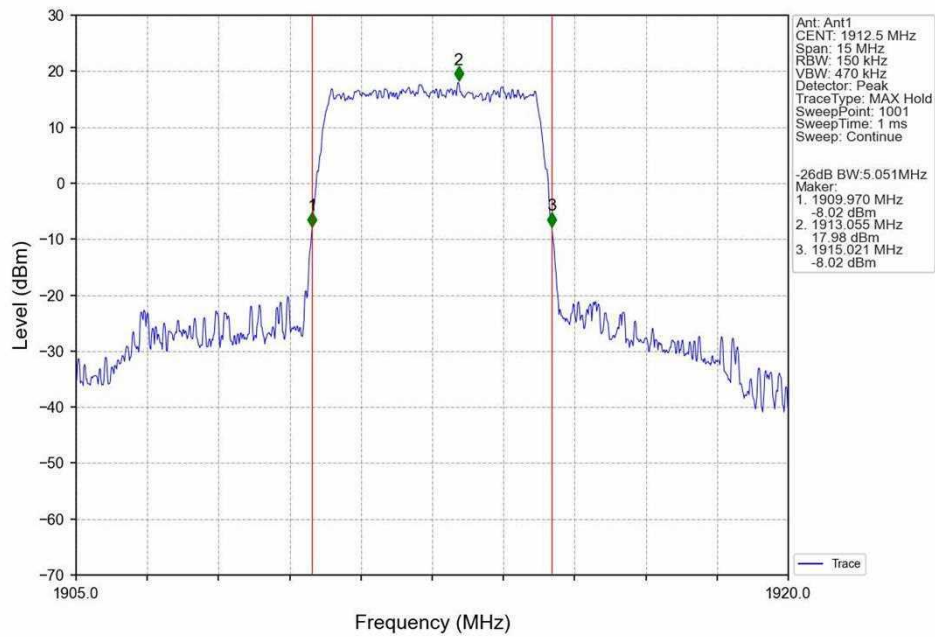
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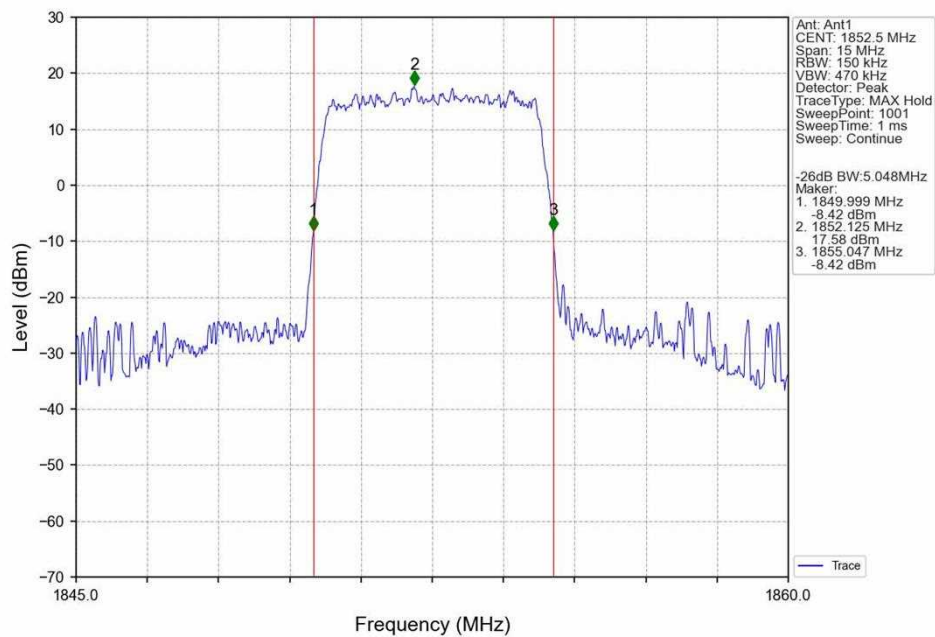
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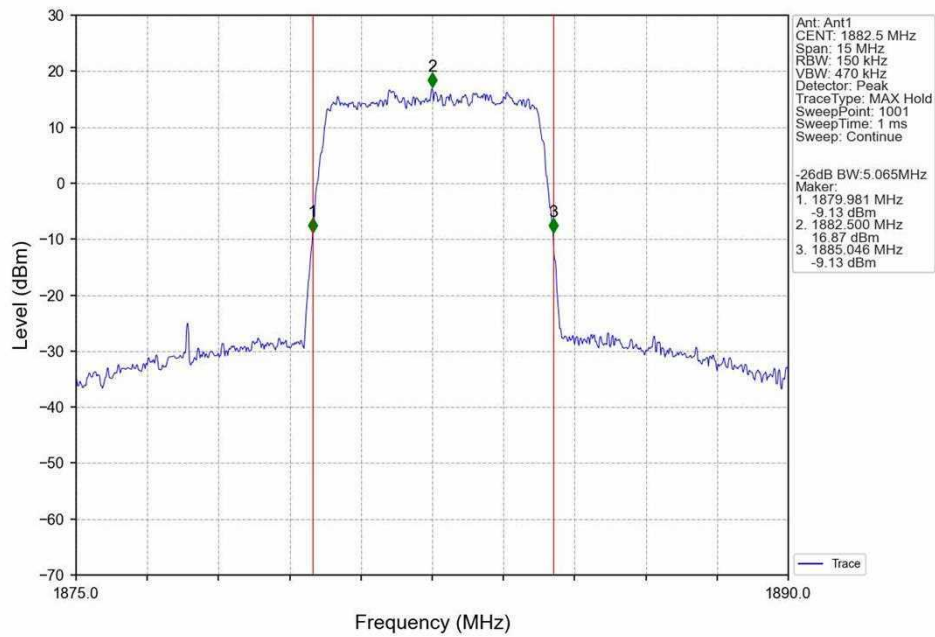
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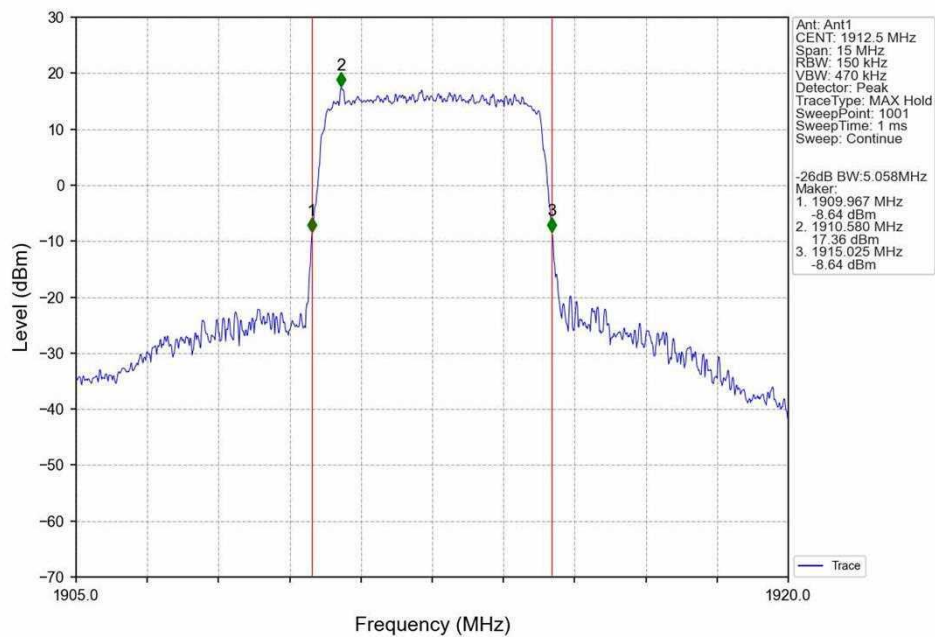
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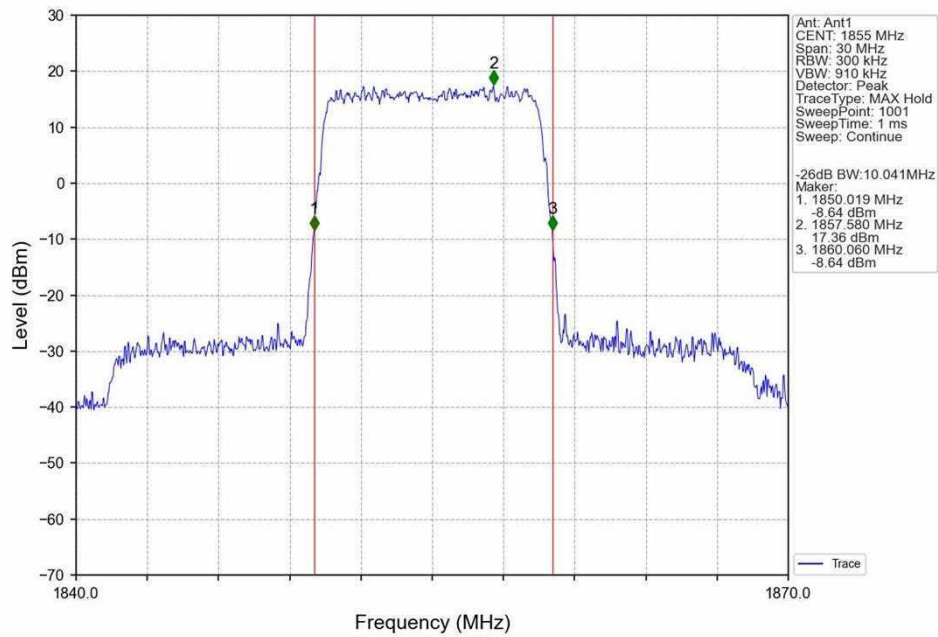
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Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

