

Appendix RF test data for 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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	24.13	4.60	28.73	<=33.01	Pass
			2	24.15	4.60	28.75	<=33.01	Pass
			5	24.13	4.60	28.73	<=33.01	Pass
		3	0	24.13	4.60	28.73	<=33.01	Pass
			2	24.11	4.60	28.71	<=33.01	Pass
			3	24.13	4.60	28.73	<=33.01	Pass
		6	0	23.14	4.60	27.74	<=33.01	Pass
	1882.5	1	0	24.20	4.60	28.80	<=33.01	Pass
			2	24.22	4.60	28.82	<=33.01	Pass
			5	24.22	4.60	28.82	<=33.01	Pass
		3	0	24.21	4.60	28.81	<=33.01	Pass
			2	24.21	4.60	28.81	<=33.01	Pass
			3	24.19	4.60	28.79	<=33.01	Pass
		6	0	23.24	4.60	27.84	<=33.01	Pass
	1914.3	1	0	24.16	4.60	28.76	<=33.01	Pass
			2	24.15	4.60	28.75	<=33.01	Pass
			5	24.15	4.60	28.75	<=33.01	Pass
		3	0	24.32	4.60	28.92	<=33.01	Pass
			2	24.32	4.60	28.92	<=33.01	Pass
			3	24.33	4.60	28.93	<=33.01	Pass
16QAM	1850.7	1	0	23.13	4.60	27.73	<=33.01	Pass
			2	23.16	4.60	27.76	<=33.01	Pass
			5	23.18	4.60	27.78	<=33.01	Pass
		3	0	23.17	4.60	27.77	<=33.01	Pass
			2	23.15	4.60	27.75	<=33.01	Pass
			3	23.14	4.60	27.74	<=33.01	Pass
		6	0	22.06	4.60	26.66	<=33.01	Pass
	1882.5	1	0	23.41	4.60	28.01	<=33.01	Pass
			2	23.41	4.60	28.01	<=33.01	Pass
			5	23.42	4.60	28.02	<=33.01	Pass
		3	0	23.25	4.60	27.85	<=33.01	Pass
			2	23.23	4.60	27.83	<=33.01	Pass
			3	23.20	4.60	27.80	<=33.01	Pass
		6	0	22.26	4.60	26.86	<=33.01	Pass
	1914.3	1	0	23.30	4.60	27.90	<=33.01	Pass
			2	23.30	4.60	27.90	<=33.01	Pass
			5	23.31	4.60	27.91	<=33.01	Pass
		3	0	23.45	4.60	28.05	<=33.01	Pass
			2	23.49	4.60	28.09	<=33.01	Pass
			3	23.52	4.60	28.12	<=33.01	Pass
		6	0	22.28	4.60	26.88	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	24.16	4.60	28.76	<=33.01	Pass
			7	24.19	4.60	28.79	<=33.01	Pass
			14	24.15	4.60	28.75	<=33.01	Pass
		8	0	23.12	4.60	27.72	<=33.01	Pass
			4	23.13	4.60	27.73	<=33.01	Pass
			7	23.15	4.60	27.75	<=33.01	Pass
		15	0	23.15	4.60	27.75	<=33.01	Pass
	1882.5	1	0	24.28	4.60	28.88	<=33.01	Pass
			7	24.31	4.60	28.91	<=33.01	Pass
			14	24.33	4.60	28.93	<=33.01	Pass
		8	0	23.27	4.60	27.87	<=33.01	Pass
			4	23.25	4.60	27.85	<=33.01	Pass
			7	23.24	4.60	27.84	<=33.01	Pass
	15	0	23.23	4.60	27.83	<=33.01	Pass	
	1913.5	1	0	24.25	4.60	28.85	<=33.01	Pass
			7	24.25	4.60	28.85	<=33.01	Pass
			14	24.23	4.60	28.83	<=33.01	Pass
		8	0	23.36	4.60	27.96	<=33.01	Pass
			4	23.35	4.60	27.95	<=33.01	Pass
			7	23.32	4.60	27.92	<=33.01	Pass
		15	0	23.37	4.60	27.97	<=33.01	Pass
16QAM	1851.5	1	0	23.71	4.60	28.31	<=33.01	Pass
			7	23.72	4.60	28.32	<=33.01	Pass
			14	23.69	4.60	28.29	<=33.01	Pass
		8	0	22.30	4.60	26.90	<=33.01	Pass
			4	22.30	4.60	26.90	<=33.01	Pass
			7	22.33	4.60	26.93	<=33.01	Pass
		15	0	22.22	4.60	26.82	<=33.01	Pass
	1882.5	1	0	23.34	4.60	27.94	<=33.01	Pass
			7	23.37	4.60	27.97	<=33.01	Pass
			14	23.34	4.60	27.94	<=33.01	Pass
		8	0	22.33	4.60	26.93	<=33.01	Pass
			4	22.28	4.60	26.88	<=33.01	Pass
			7	22.32	4.60	26.92	<=33.01	Pass
	15	0	22.29	4.60	26.89	<=33.01	Pass	
	1913.5	1	0	23.50	4.60	28.10	<=33.01	Pass
			7	23.52	4.60	28.12	<=33.01	Pass
			14	23.50	4.60	28.10	<=33.01	Pass
		8	0	22.36	4.60	26.96	<=33.01	Pass
			4	22.31	4.60	26.91	<=33.01	Pass
			7	22.31	4.60	26.91	<=33.01	Pass
		15	0	22.28	4.60	26.88	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	24.25	4.60	28.85	<=33.01	Pass
			13	24.25	4.60	28.85	<=33.01	Pass
			24	24.31	4.60	28.91	<=33.01	Pass



16QAM	1882.5	12	0	23.15	4.60	27.75	<=33.01	Pass		
			6	23.21	4.60	27.81	<=33.01	Pass		
			13	23.17	4.60	27.77	<=33.01	Pass		
		25	0	23.23	4.60	27.83	<=33.01	Pass		
			13	24.49	4.60	29.09	<=33.01	Pass		
			24	24.53	4.60	29.13	<=33.01	Pass		
		12	0	23.33	4.60	27.93	<=33.01	Pass		
			6	23.32	4.60	27.92	<=33.01	Pass		
			13	23.28	4.60	27.88	<=33.01	Pass		
		25	0	23.33	4.60	27.93	<=33.01	Pass		
		1912.5	1	0	24.41	4.60	29.01	<=33.01	Pass	
				13	24.42	4.60	29.02	<=33.01	Pass	
	24			24.46	4.60	29.06	<=33.01	Pass		
	12		0	23.45	4.60	28.05	<=33.01	Pass		
			6	23.36	4.60	27.96	<=33.01	Pass		
			13	23.23	4.60	27.83	<=33.01	Pass		
	25		0	23.35	4.60	27.95	<=33.01	Pass		
	1852.5	1852.5	1	0	23.50	4.60	28.10	<=33.01	Pass	
				13	23.49	4.60	28.09	<=33.01	Pass	
				24	23.54	4.60	28.14	<=33.01	Pass	
			12	0	22.22	4.60	26.82	<=33.01	Pass	
				6	22.23	4.60	26.83	<=33.01	Pass	
				13	22.21	4.60	26.81	<=33.01	Pass	
			25	0	22.21	4.60	26.81	<=33.01	Pass	
			1882.5	1	0	23.22	4.60	27.82	<=33.01	Pass
					13	23.19	4.60	27.79	<=33.01	Pass
		24			23.22	4.60	27.82	<=33.01	Pass	
12		0		22.26	4.60	26.86	<=33.01	Pass		
		6		22.28	4.60	26.88	<=33.01	Pass		
		13		22.29	4.60	26.89	<=33.01	Pass		
25		0		22.36	4.60	26.96	<=33.01	Pass		
1912.5		1		0	23.44	4.60	28.04	<=33.01	Pass	
			13	23.44	4.60	28.04	<=33.01	Pass		
			24	23.46	4.60	28.06	<=33.01	Pass		
		12	0	22.45	4.60	27.05	<=33.01	Pass		
			6	22.37	4.60	26.97	<=33.01	Pass		
			13	22.22	4.60	26.82	<=33.01	Pass		
		25	0	22.36	4.60	26.96	<=33.01	Pass		
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	24.15	4.60	28.75	<=33.01	Pass
			25	24.22	4.60	28.82	<=33.01	Pass
			49	24.23	4.60	28.83	<=33.01	Pass
		25	0	23.15	4.60	27.75	<=33.01	Pass
			13	23.20	4.60	27.80	<=33.01	Pass
			25	23.24	4.60	27.84	<=33.01	Pass
		50	0	23.28	4.60	27.88	<=33.01	Pass
	1882.5	1	0	24.32	4.60	28.92	<=33.01	Pass
			25	24.37	4.60	28.97	<=33.01	Pass
			49	24.33	4.60	28.93	<=33.01	Pass
		25	0	23.28	4.60	27.88	<=33.01	Pass
			13	23.32	4.60	27.92	<=33.01	Pass



			25	23.39	4.60	27.99	<=33.01	Pass
		50	0	23.34	4.60	27.94	<=33.01	Pass
	1910	1	0	24.31	4.60	28.91	<=33.01	Pass
			25	24.35	4.60	28.95	<=33.01	Pass
			49	24.32	4.60	28.92	<=33.01	Pass
		25	0	23.32	4.60	27.92	<=33.01	Pass
			13	23.32	4.60	27.92	<=33.01	Pass
			25	23.15	4.60	27.75	<=33.01	Pass
		50	0	23.26	4.60	27.86	<=33.01	Pass
16QAM	1855	1	0	23.31	4.60	27.91	<=33.01	Pass
			25	23.39	4.60	27.99	<=33.01	Pass
			49	23.39	4.60	27.99	<=33.01	Pass
		12	0	23.15	4.60	27.75	<=33.01	Pass
			19	23.21	4.60	27.81	<=33.01	Pass
			38	23.25	4.60	27.85	<=33.01	Pass
		27	0	22.18	4.60	26.78	<=33.01	Pass
	1882.5	1	0	23.89	4.60	28.49	<=33.01	Pass
			25	23.89	4.60	28.49	<=33.01	Pass
			49	23.87	4.60	28.47	<=33.01	Pass
		12	0	23.36	4.60	27.96	<=33.01	Pass
			19	23.39	4.60	27.99	<=33.01	Pass
			38	23.40	4.60	28.00	<=33.01	Pass
		27	0	22.20	4.60	26.80	<=33.01	Pass
	1910	1	0	23.33	4.60	27.93	<=33.01	Pass
			25	23.40	4.60	28.00	<=33.01	Pass
			49	23.40	4.60	28.00	<=33.01	Pass
		12	0	23.34	4.60	27.94	<=33.01	Pass
			19	23.39	4.60	27.99	<=33.01	Pass
			38	23.31	4.60	27.91	<=33.01	Pass
		27	23	22.24	4.60	26.84	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B25_15MHz_EIRP

Band: 25 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	24.06	4.60	28.66	<=33.01	Pass
			38	24.21	4.60	28.81	<=33.01	Pass
			74	24.18	4.60	28.78	<=33.01	Pass
		36	0	23.13	4.60	27.73	<=33.01	Pass
			18	23.15	4.60	27.75	<=33.01	Pass
			39	23.18	4.60	27.78	<=33.01	Pass
		75	0	23.15	4.60	27.75	<=33.01	Pass
	1882.5	1	0	24.17	4.60	28.77	<=33.01	Pass
			38	24.24	4.60	28.84	<=33.01	Pass
			74	24.17	4.60	28.77	<=33.01	Pass
		36	0	23.29	4.60	27.89	<=33.01	Pass
			18	23.24	4.60	27.84	<=33.01	Pass
			39	23.34	4.60	27.94	<=33.01	Pass
		75	0	23.30	4.60	27.90	<=33.01	Pass
	1907.5	1	0	24.24	4.60	28.84	<=33.01	Pass
			38	24.23	4.60	28.83	<=33.01	Pass
			74	24.24	4.60	28.84	<=33.01	Pass
		36	0	23.22	4.60	27.82	<=33.01	Pass
			18	23.24	4.60	27.84	<=33.01	Pass
			39	23.22	4.60	27.82	<=33.01	Pass
		75	0	23.17	4.60	27.77	<=33.01	Pass



16QAM	1857.5	1	0	23.65	4.60	28.25	<=33.01	Pass
			38	23.79	4.60	28.39	<=33.01	Pass
			74	23.77	4.60	28.37	<=33.01	Pass
		12	0	23.16	4.60	27.76	<=33.01	Pass
			31	23.25	4.60	27.85	<=33.01	Pass
			63	23.25	4.60	27.85	<=33.01	Pass
		27	0	22.13	4.60	26.73	<=33.01	Pass
	1882.5	1	0	23.63	4.60	28.23	<=33.01	Pass
			38	23.70	4.60	28.30	<=33.01	Pass
			74	23.60	4.60	28.20	<=33.01	Pass
		12	0	23.19	4.60	27.79	<=33.01	Pass
			31	23.25	4.60	27.85	<=33.01	Pass
			63	23.22	4.60	27.82	<=33.01	Pass
		27	0	22.27	4.60	26.87	<=33.01	Pass
	1907.5	1	0	23.43	4.60	28.03	<=33.01	Pass
			38	23.48	4.60	28.08	<=33.01	Pass
			74	23.46	4.60	28.06	<=33.01	Pass
		12	0	23.21	4.60	27.81	<=33.01	Pass
			31	23.27	4.60	27.87	<=33.01	Pass
			63	23.25	4.60	27.85	<=33.01	Pass
		27	48	22.23	4.60	26.83	<=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	24.06	4.60	28.66	<=33.01	Pass
			50	24.21	4.60	28.81	<=33.01	Pass
			99	24.22	4.60	28.82	<=33.01	Pass
		50	0	23.12	4.60	27.72	<=33.01	Pass
			25	23.22	4.60	27.82	<=33.01	Pass
			50	23.22	4.60	27.82	<=33.01	Pass
		100	0	23.16	4.60	27.76	<=33.01	Pass
	1882.5	1	0	24.23	4.60	28.83	<=33.01	Pass
			50	24.36	4.60	28.96	<=33.01	Pass
			99	24.27	4.60	28.87	<=33.01	Pass
		50	0	23.25	4.60	27.85	<=33.01	Pass
			25	23.35	4.60	27.95	<=33.01	Pass
			50	23.39	4.60	27.99	<=33.01	Pass
		100	0	23.32	4.60	27.92	<=33.01	Pass
	1905	1	0	24.20	4.60	28.80	<=33.01	Pass
			50	24.34	4.60	28.94	<=33.01	Pass
			99	24.27	4.60	28.87	<=33.01	Pass
		50	0	23.36	4.60	27.96	<=33.01	Pass
			25	23.38	4.60	27.98	<=33.01	Pass
			50	23.16	4.60	27.76	<=33.01	Pass
		100	0	23.25	4.60	27.85	<=33.01	Pass
16QAM	1860	1	0	23.62	4.60	28.22	<=33.01	Pass
			50	23.79	4.60	28.39	<=33.01	Pass
			99	23.82	4.60	28.42	<=33.01	Pass
		12	0	23.05	4.60	27.65	<=33.01	Pass
			44	23.21	4.60	27.81	<=33.01	Pass
			88	23.22	4.60	27.82	<=33.01	Pass
		27	0	22.10	4.60	26.70	<=33.01	Pass
	1882.5	1	0	23.45	4.60	28.05	<=33.01	Pass
			50	23.57	4.60	28.17	<=33.01	Pass



		12	99	23.49	4.60	28.09	<=33.01	Pass
			0	23.21	4.60	27.81	<=33.01	Pass
			44	23.29	4.60	27.89	<=33.01	Pass
			88	23.25	4.60	27.85	<=33.01	Pass
	1905	27	0	22.19	4.60	26.79	<=33.01	Pass
			0	23.50	4.60	28.10	<=33.01	Pass
			50	23.61	4.60	28.21	<=33.01	Pass
			99	23.53	4.60	28.13	<=33.01	Pass
		12	0	23.26	4.60	27.86	<=33.01	Pass
			44	23.33	4.60	27.93	<=33.01	Pass
			88	23.23	4.60	27.83	<=33.01	Pass
			73	22.05	4.60	26.65	<=33.01	Pass
		27	0	22.19	4.60	26.79	<=33.01	Pass
			0	23.50	4.60	28.10	<=33.01	Pass
			50	23.61	4.60	28.21	<=33.01	Pass
			99	23.53	4.60	28.13	<=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	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	3.419	0.0018	-2.5 to 2.5	Pass
					4.43	9.699	0.0052	-2.5 to 2.5	Pass
				-30	3.85	3.619	0.0020	-2.5 to 2.5	Pass
				-20	3.85	8.168	0.0044	-2.5 to 2.5	Pass
				-10	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.575	0.0014	-2.5 to 2.5	Pass
				30	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				50	3.85	4.907	0.0027	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-1.216	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
					4.43	2.933	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	7.038	0.0037	-2.5 to 2.5	Pass
				0	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-1.531	-0.0008	-2.5 to 2.5	Pass
					3.85	2.217	0.0012	-2.5 to 2.5	Pass
					4.43	2.060	0.0011	-2.5 to 2.5	Pass
				-30	3.85	5.965	0.0031	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				0	3.85	2.546	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				30	3.85	4.005	0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.458	0.0002	-2.5 to 2.5	Pass



16QAM	1850.7	6	0	20	3.27	15.664	0.0085	-2.5 to 2.5	Pass
					3.85	6.509	0.0035	-2.5 to 2.5	Pass
					4.43	5.851	0.0032	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.061	0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.163	0.0022	-2.5 to 2.5	Pass
				0	3.85	8.383	0.0045	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				40	3.85	4.377	0.0024	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-3.576	-0.0019	-2.5 to 2.5	Pass
					3.85	0.658	0.0003	-2.5 to 2.5	Pass
					4.43	1.717	0.0009	-2.5 to 2.5	Pass
				-30	3.85	4.964	0.0026	-2.5 to 2.5	Pass
				-20	3.85	6.223	0.0033	-2.5 to 2.5	Pass
				-10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				0	3.85	2.475	0.0013	-2.5 to 2.5	Pass
				10	3.85	6.108	0.0032	-2.5 to 2.5	Pass
				30	3.85	3.705	0.0020	-2.5 to 2.5	Pass
				40	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				50	3.85	4.106	0.0022	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-1.702	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	3.705	0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				10	3.85	4.377	0.0023	-2.5 to 2.5	Pass
				30	3.85	6.852	0.0036	-2.5 to 2.5	Pass
				40	3.85	7.553	0.0039	-2.5 to 2.5	Pass
				50	3.85	5.951	0.0031	-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	-1.831	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				-10	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0015	-2.5 to 2.5	Pass
				10	3.85	7.181	0.0039	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.473	0.0008	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-1.416	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.43	2.089	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0021	-2.5 to 2.5	Pass



	1913.5	15	0	30	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				20	3.27	3.605	0.0019	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	0.916	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.616	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.691	0.0019	-2.5 to 2.5	Pass
				-10	3.85	7.396	0.0039	-2.5 to 2.5	Pass
				0	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.849	0.0025	-2.5 to 2.5	Pass
				30	3.85	5.665	0.0030	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				50	3.85	6.194	0.0032	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	6.852	0.0037	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
					4.43	7.281	0.0039	-2.5 to 2.5	Pass
				-30	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				-10	3.85	4.807	0.0026	-2.5 to 2.5	Pass
				0	3.85	4.835	0.0026	-2.5 to 2.5	Pass
				10	3.85	3.161	0.0017	-2.5 to 2.5	Pass
				30	3.85	7.768	0.0042	-2.5 to 2.5	Pass
				40	3.85	3.090	0.0017	-2.5 to 2.5	Pass
				50	3.85	6.108	0.0033	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	1.445	0.0008	-2.5 to 2.5	Pass
					3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				30	3.85	5.679	0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				50	3.85	1.688	0.0009	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.85	0.515	0.0003	-2.5 to 2.5	Pass
					4.43	2.189	0.0011	-2.5 to 2.5	Pass
				-30	3.85	4.520	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.346	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	5.908	0.0031	-2.5 to 2.5	Pass
				0	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.017	0.0011	-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	-0.286	-0.0002	-2.5 to 2.5	Pass
					3.85	2.275	0.0012	-2.5 to 2.5	Pass
					4.43	-1.645	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.287	0.0007	-2.5 to 2.5	Pass



				-10	3.85	1.402	0.0008	-2.5 to 2.5	Pass		
				0	3.85	1.945	0.0010	-2.5 to 2.5	Pass		
				10	3.85	2.875	0.0016	-2.5 to 2.5	Pass		
				30	3.85	1.817	0.0010	-2.5 to 2.5	Pass		
				40	3.85	7.839	0.0042	-2.5 to 2.5	Pass		
				50	3.85	1.502	0.0008	-2.5 to 2.5	Pass		
	1882.5	25	0	20	3.27	-0.243	-0.0001	-2.5 to 2.5	Pass		
					3.85	0.544	0.0003	-2.5 to 2.5	Pass		
					4.43	5.622	0.0030	-2.5 to 2.5	Pass		
				-30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass		
				-20	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass		
				-10	3.85	1.802	0.0010	-2.5 to 2.5	Pass		
				0	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass		
				10	3.85	2.117	0.0011	-2.5 to 2.5	Pass		
				30	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass		
				40	3.85	1.173	0.0006	-2.5 to 2.5	Pass		
				50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass		
				1912.5	25	0	20	3.27	-0.601	-0.0003	-2.5 to 2.5
	3.85	-1.230	-0.0006					-2.5 to 2.5	Pass		
	4.43	1.187	0.0006					-2.5 to 2.5	Pass		
	-30	3.85	2.103				0.0011	-2.5 to 2.5	Pass		
	-20	3.85	-0.057				0.0000	-2.5 to 2.5	Pass		
	-10	3.85	1.988				0.0010	-2.5 to 2.5	Pass		
	0	3.85	4.320				0.0023	-2.5 to 2.5	Pass		
	10	3.85	2.203				0.0012	-2.5 to 2.5	Pass		
	30	3.85	5.279				0.0028	-2.5 to 2.5	Pass		
	40	3.85	4.921				0.0026	-2.5 to 2.5	Pass		
	50	3.85	5.350				0.0028	-2.5 to 2.5	Pass		
	16QAM	1852.5	25				0	20	3.27	1.259	0.0007
				3.85	1.903	0.0010			-2.5 to 2.5	Pass	
4.43				3.490	0.0019	-2.5 to 2.5			Pass		
-30				3.85	1.345	0.0007		-2.5 to 2.5	Pass		
-20				3.85	1.130	0.0006		-2.5 to 2.5	Pass		
-10				3.85	0.772	0.0004		-2.5 to 2.5	Pass		
0				3.85	1.316	0.0007		-2.5 to 2.5	Pass		
10				3.85	3.090	0.0017		-2.5 to 2.5	Pass		
30				3.85	5.178	0.0028		-2.5 to 2.5	Pass		
40				3.85	5.207	0.0028		-2.5 to 2.5	Pass		
50				3.85	3.862	0.0021		-2.5 to 2.5	Pass		
1882.5				25	0	20		3.27	3.791	0.0020	-2.5 to 2.5
		3.85	4.420				0.0023	-2.5 to 2.5	Pass		
		4.43	-0.429				-0.0002	-2.5 to 2.5	Pass		
		-30	3.85			2.031	0.0011	-2.5 to 2.5	Pass		
		-20	3.85			1.588	0.0008	-2.5 to 2.5	Pass		
		-10	3.85			1.016	0.0005	-2.5 to 2.5	Pass		
		0	3.85			0.129	0.0001	-2.5 to 2.5	Pass		
		10	3.85			-0.343	-0.0002	-2.5 to 2.5	Pass		
		30	3.85			1.073	0.0006	-2.5 to 2.5	Pass		
		40	3.85			2.060	0.0011	-2.5 to 2.5	Pass		
		50	3.85			4.020	0.0021	-2.5 to 2.5	Pass		
		1912.5	25			0	20	3.27	7.725	0.0040	-2.5 to 2.5
3.85				-6.781	-0.0035			-2.5 to 2.5	Pass		
4.43				-0.415	-0.0002			-2.5 to 2.5	Pass		
-30				3.85	-0.372		-0.0002	-2.5 to 2.5	Pass		
-20				3.85	0.029		0.0000	-2.5 to 2.5	Pass		
-10				3.85	-6.824		-0.0036	-2.5 to 2.5	Pass		
0				3.85	-4.005		-0.0021	-2.5 to 2.5	Pass		
10				3.85	3.262		0.0017	-2.5 to 2.5	Pass		
30	3.85			-1.802	-0.0009		-2.5 to 2.5	Pass			



				40	3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-1.903	-0.0010	-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	0.858	0.0005	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
					4.43	2.203	0.0012	-2.5 to 2.5	Pass
				-30	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.875	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0020	-2.5 to 2.5	Pass
				0	3.85	5.164	0.0028	-2.5 to 2.5	Pass
				10	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				50	3.85	4.520	0.0024	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	2.289	0.0012	-2.5 to 2.5	Pass
					4.43	1.974	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-20	3.85	2.747	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				0	3.85	3.762	0.0020	-2.5 to 2.5	Pass
				10	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0013	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	1.059	0.0006	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
					4.43	2.604	0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				-20	3.85	2.289	0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.676	0.0019	-2.5 to 2.5	Pass
				0	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				40	3.85	3.104	0.0016	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.27	6.351	0.0034	-2.5 to 2.5	Pass
					3.85	1.645	0.0009	-2.5 to 2.5	Pass
					4.43	2.561	0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				30	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				40	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				50	3.85	2.632	0.0014	-2.5 to 2.5	Pass
	1882.5	27	0	20	3.27	-1.817	-0.0010	-2.5 to 2.5	Pass
					3.85	2.317	0.0012	-2.5 to 2.5	Pass
					4.43	0.615	0.0003	-2.5 to 2.5	Pass
				-30	3.85	3.119	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass



				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
	1910	27	23	20	3.27	-2.604	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
					4.43	3.505	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				30	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0010	-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	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	3.419	0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				0	3.85	3.576	0.0019	-2.5 to 2.5	Pass
				10	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				30	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				40	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.187	0.0006	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	0.629	0.0003	-2.5 to 2.5	Pass
					3.85	0.658	0.0003	-2.5 to 2.5	Pass
					4.43	1.488	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				10	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				30	3.85	6.008	0.0032	-2.5 to 2.5	Pass
				40	3.85	4.406	0.0023	-2.5 to 2.5	Pass
				50	3.85	3.247	0.0017	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	1.001	0.0005	-2.5 to 2.5	Pass
					3.85	0.801	0.0004	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass
				10	3.85	1.802	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.27	2.789	0.0015	-2.5 to 2.5	Pass
					3.85	0.515	0.0003	-2.5 to 2.5	Pass
					4.43	3.333	0.0018	-2.5 to 2.5	Pass



				-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				0	3.85	3.076	0.0017	-2.5 to 2.5	Pass
				10	3.85	4.921	0.0026	-2.5 to 2.5	Pass
				30	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				40	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				50	3.85	4.148	0.0022	-2.5 to 2.5	Pass
	1882.5	27	0	20	3.27	4.721	0.0025	-2.5 to 2.5	Pass
					3.85	5.894	0.0031	-2.5 to 2.5	Pass
					4.43	4.792	0.0025	-2.5 to 2.5	Pass
				-30	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	5.522	0.0029	-2.5 to 2.5	Pass
				0	3.85	3.877	0.0021	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				40	3.85	5.393	0.0029	-2.5 to 2.5	Pass
				50	3.85	3.748	0.0020	-2.5 to 2.5	Pass
	1907.5	27	48	20	3.27	2.117	0.0011	-2.5 to 2.5	Pass
					3.85	-0.043	0.0000	-2.5 to 2.5	Pass
					4.43	1.574	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	3.476	0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				50	3.85	4.134	0.0022	-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	5.765	0.0031	-2.5 to 2.5	Pass
					3.85	2.847	0.0015	-2.5 to 2.5	Pass
					4.43	2.117	0.0011	-2.5 to 2.5	Pass
				-30	3.85	2.761	0.0015	-2.5 to 2.5	Pass
				-20	3.85	2.775	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				0	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.887	0.0005	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	0.215	0.0001	-2.5 to 2.5	Pass
					3.85	0.243	0.0001	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				0	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass



	1905	100	0	20	3.27	2.232	0.0012	-2.5 to 2.5	Pass
					3.85	1.116	0.0006	-2.5 to 2.5	Pass
					4.43	1.760	0.0009	-2.5 to 2.5	Pass
				-30	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.133	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
16QAM	1860	27	0	20	3.27	0.629	0.0003	-2.5 to 2.5	Pass
					3.85	1.345	0.0007	-2.5 to 2.5	Pass
					4.43	3.018	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.717	0.0009	-2.5 to 2.5	Pass
	1882.5	27	0	20	3.27	-0.143	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
					4.43	1.016	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
	1905	27	73	20	3.27	-4.148	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
					4.43	-5.836	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.416	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.505	-0.0018	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

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



16QAM	1882.5	6	0	Refer To Test Graph	Pass
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3.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTV						
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 / NTV						
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	27	0	Refer To Test Graph		Pass

3.1.5 B25_15MHz

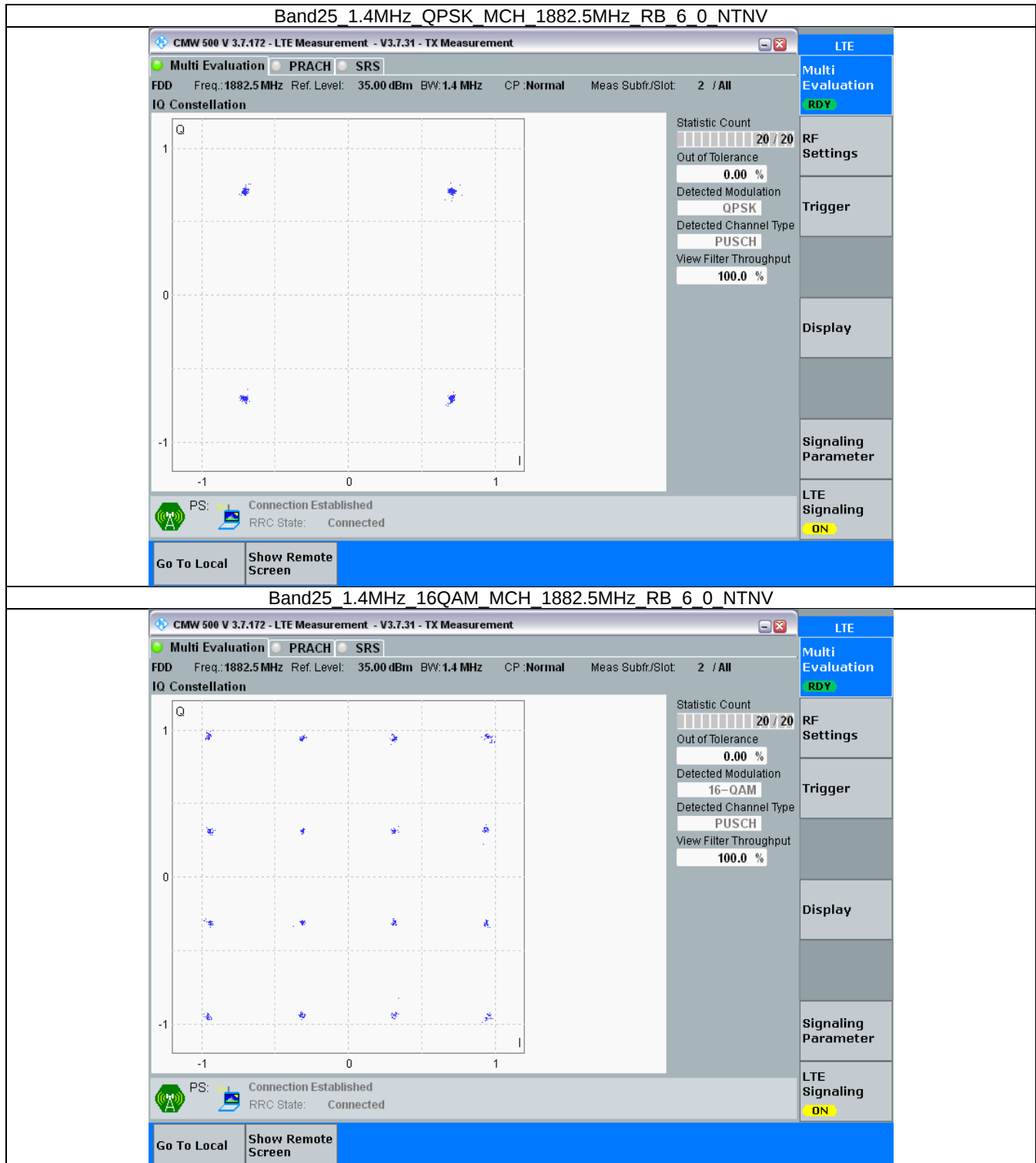
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	27	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

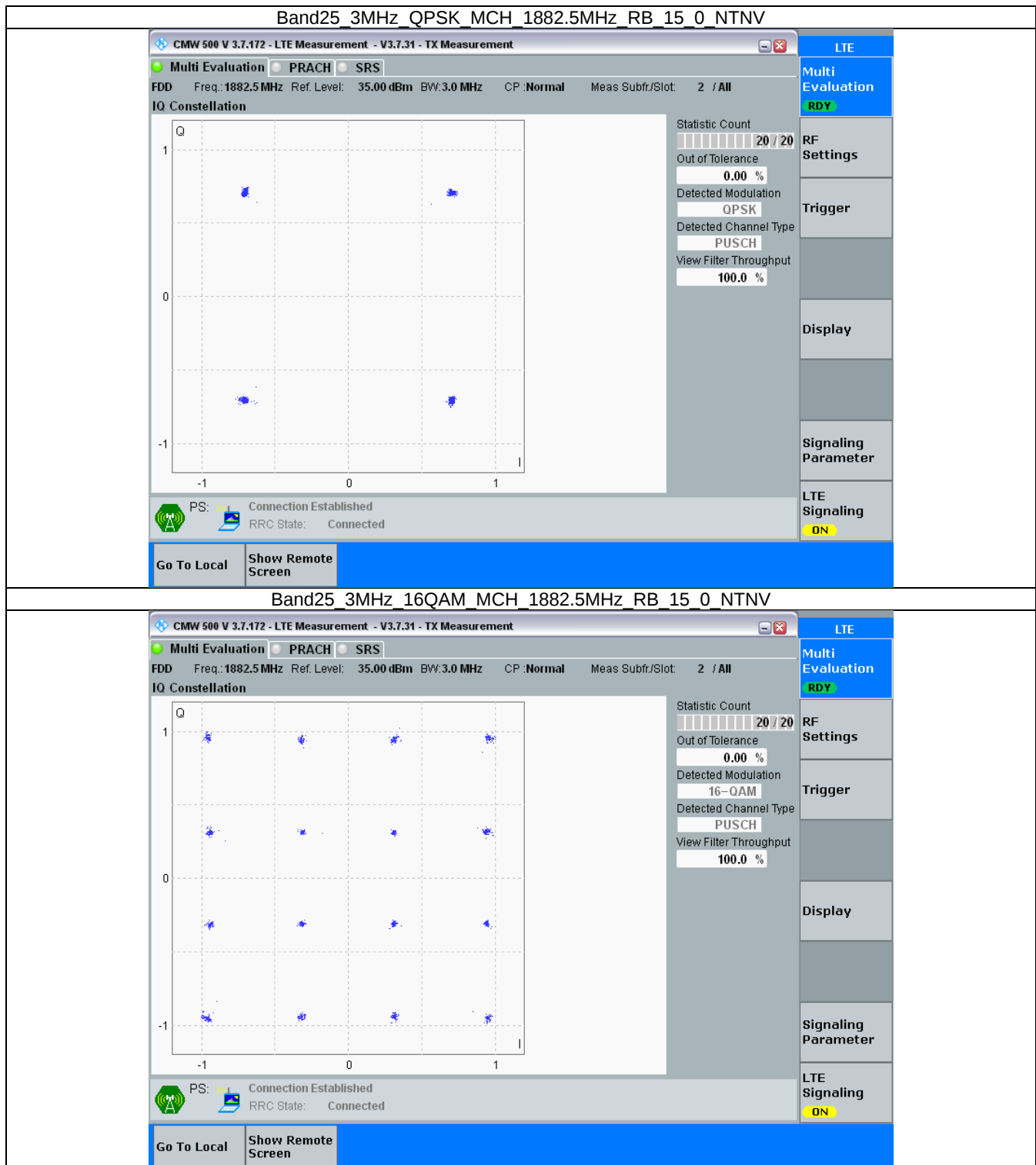
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

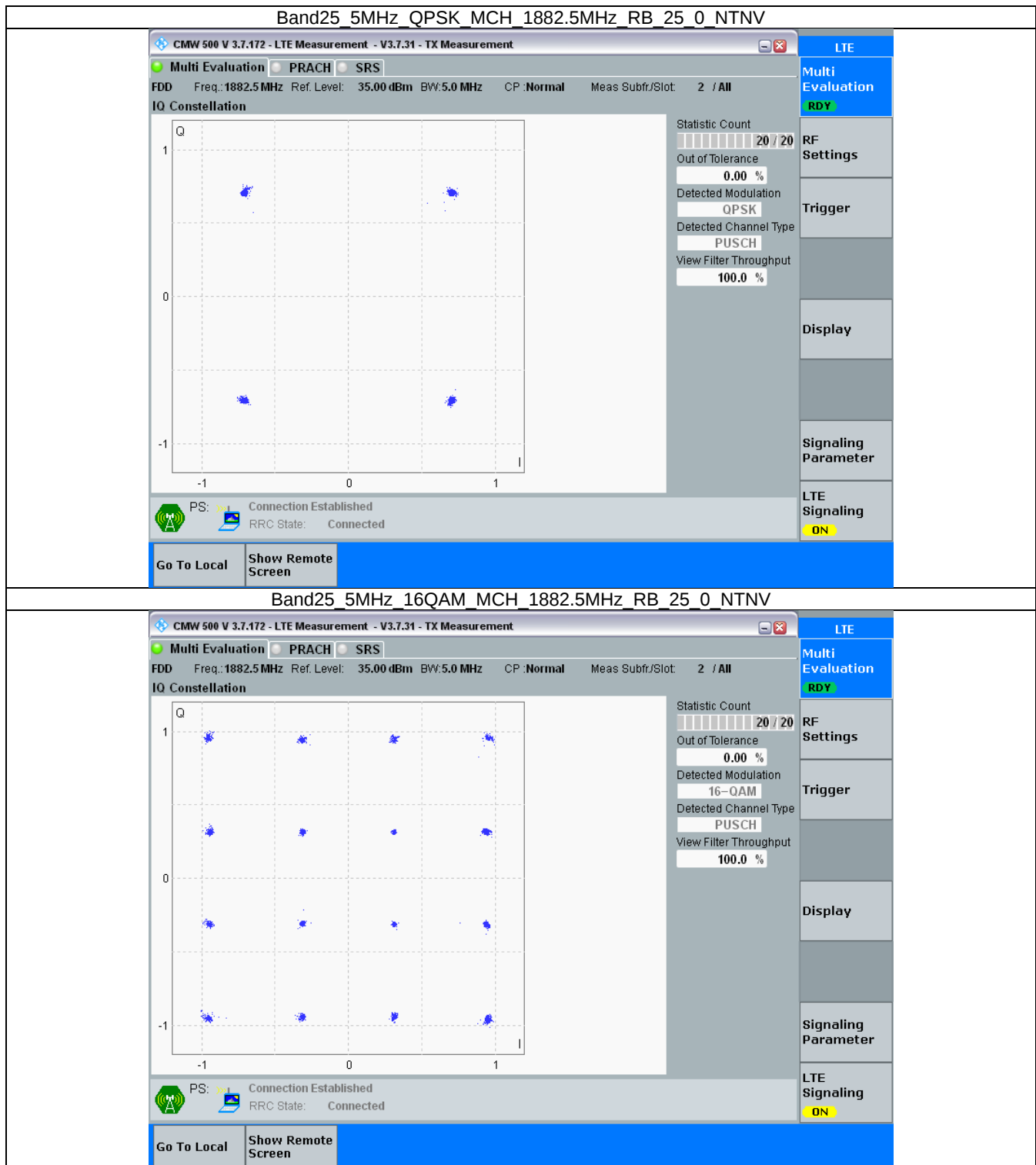
3.2.1 B25_1.4MHz



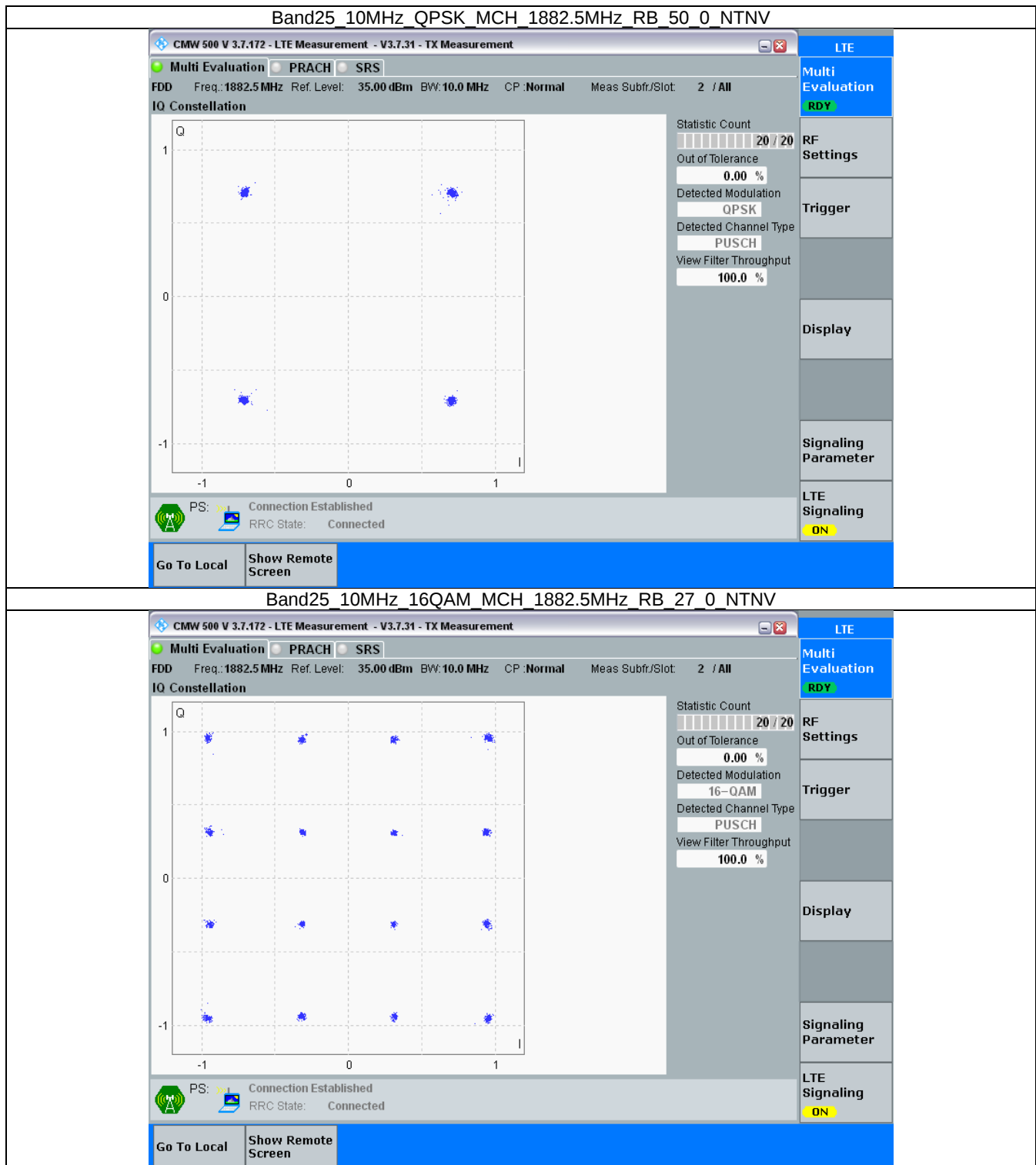
3.2.2 B25_3MHz



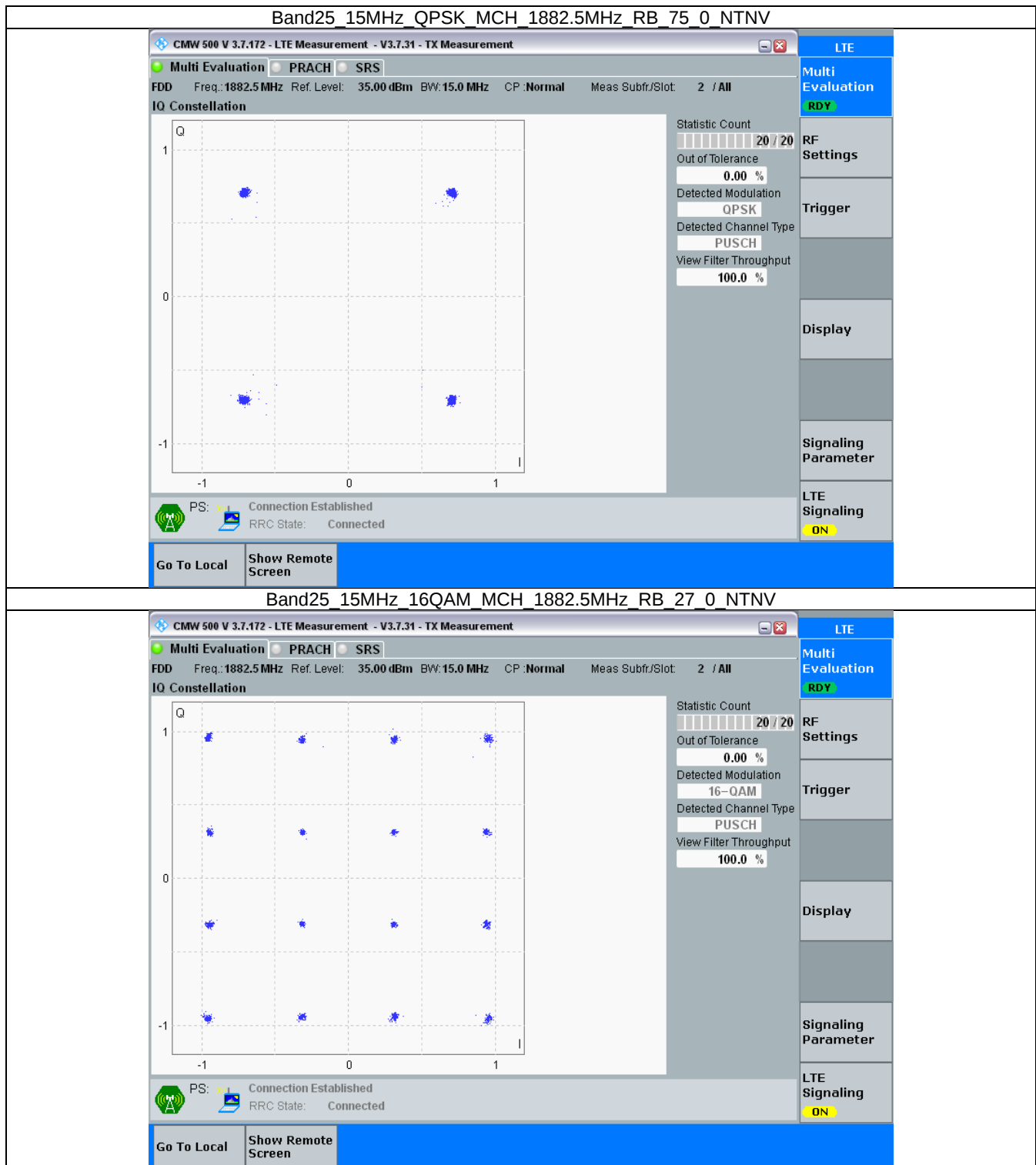
3.2.3 B25_5MHz



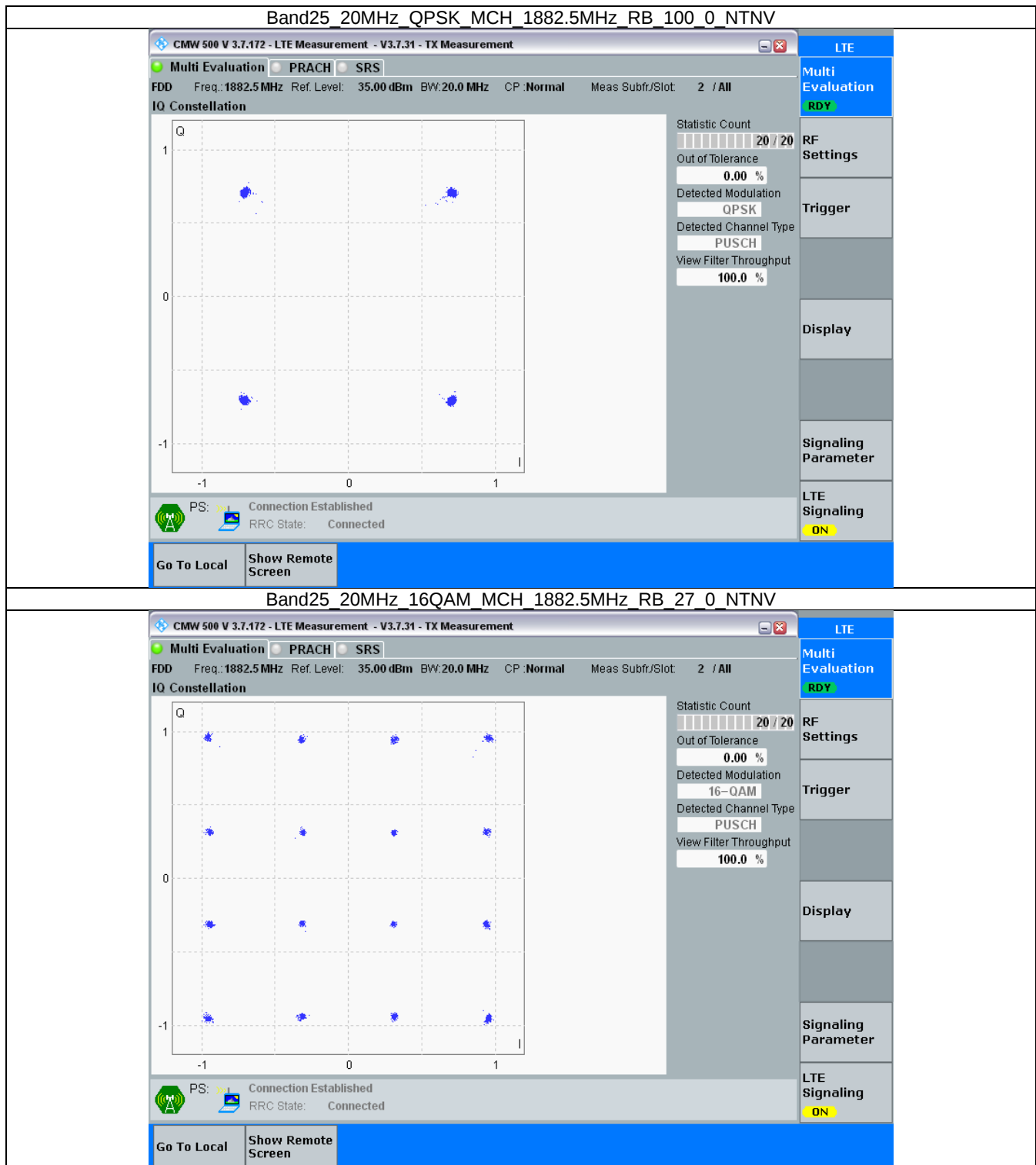
3.2.4 B25_10MHz



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	1.108	/	Pass
		1882.5	6	0	1.115	/	Pass
		1914.3	6	0	1.108	/	Pass
	16QAM	1850.7	6	0	1.108	/	Pass
		1882.5	6	0	1.111	/	Pass
		1914.3	6	0	1.124	/	Pass
3	QPSK	1851.5	15	0	2.731	/	Pass
		1882.5	15	0	2.736	/	Pass
		1913.5	15	0	2.746	/	Pass
	16QAM	1851.5	15	0	2.731	/	Pass
		1882.5	15	0	2.720	/	Pass
		1913.5	15	0	2.737	/	Pass
5	QPSK	1852.5	25	0	4.550	/	Pass
		1882.5	25	0	4.539	/	Pass
		1912.5	25	0	4.543	/	Pass
	16QAM	1852.5	25	0	4.524	/	Pass
		1882.5	25	0	4.542	/	Pass
		1912.5	25	0	4.566	/	Pass
10	QPSK	1855	50	0	9.060	/	Pass
		1882.5	50	0	9.060	/	Pass
		1910	50	0	9.034	/	Pass
	16QAM	1855	27	0	5.121	/	Pass
		1882.5	27	0	5.111	/	Pass
		1910	27	23	5.104	/	Pass
15	QPSK	1857.5	75	0	13.585	/	Pass
		1882.5	75	0	13.577	/	Pass
		1907.5	75	0	13.543	/	Pass
	16QAM	1857.5	27	0	5.391	/	Pass
		1882.5	27	0	5.339	/	Pass
		1907.5	27	48	5.293	/	Pass
20	QPSK	1860	100	0	18.149	/	Pass
		1882.5	100	0	18.103	/	Pass
		1905	100	0	18.035	/	Pass
	16QAM	1860	27	0	5.478	/	Pass
		1882.5	27	0	5.525	/	Pass
		1905	27	73	5.572	/	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	1.308	/	Pass
		1882.5	6	0	1.345	/	Pass
		1914.3	6	0	1.366	/	Pass

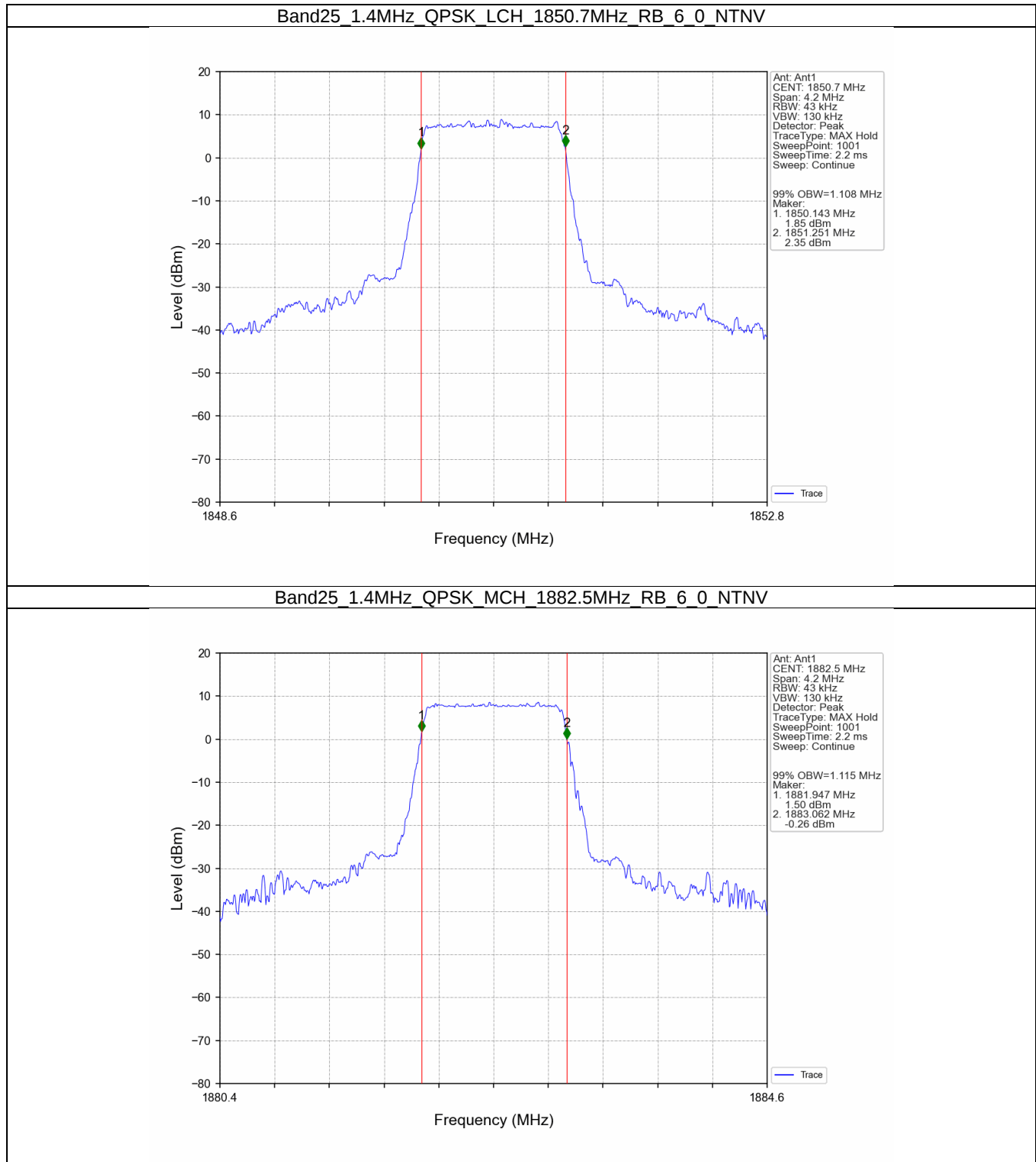


	16QAM	1850.7	6	0	1.321	/	Pass
		1882.5	6	0	1.308	/	Pass
		1914.3	6	0	1.350	/	Pass
3	QPSK	1851.5	15	0	3.026	/	Pass
		1882.5	15	0	3.019	/	Pass
		1913.5	15	0	3.033	/	Pass
	16QAM	1851.5	15	0	2.996	/	Pass
		1882.5	15	0	3.028	/	Pass
		1913.5	15	0	2.991	/	Pass
5	QPSK	1852.5	25	0	5.070	/	Pass
		1882.5	25	0	5.058	/	Pass
		1912.5	25	0	5.022	/	Pass
	16QAM	1852.5	25	0	5.036	/	Pass
		1882.5	25	0	5.062	/	Pass
		1912.5	25	0	5.061	/	Pass
10	QPSK	1855	50	0	10.034	/	Pass
		1882.5	50	0	9.990	/	Pass
		1910	50	0	9.912	/	Pass
	16QAM	1855	27	0	6.116	/	Pass
		1882.5	27	0	6.155	/	Pass
		1910	27	23	6.050	/	Pass
15	QPSK	1857.5	75	0	14.915	/	Pass
		1882.5	75	0	14.885	/	Pass
		1907.5	75	0	14.877	/	Pass
	16QAM	1857.5	27	0	6.747	/	Pass
		1882.5	27	0	6.643	/	Pass
		1907.5	27	48	6.502	/	Pass
20	QPSK	1860	100	0	19.842	/	Pass
		1882.5	100	0	19.722	/	Pass
		1905	100	0	19.887	/	Pass
	16QAM	1860	27	0	6.813	/	Pass
		1882.5	27	0	7.073	/	Pass
		1905	27	73	6.893	/	Pass



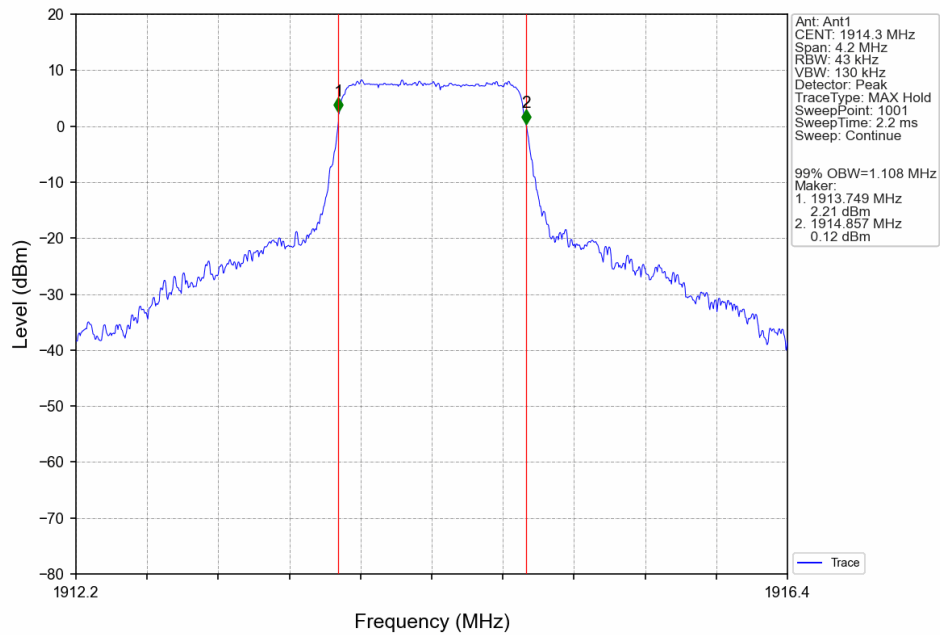
4.2 Test Graph

4.2.1 Band25_OBW

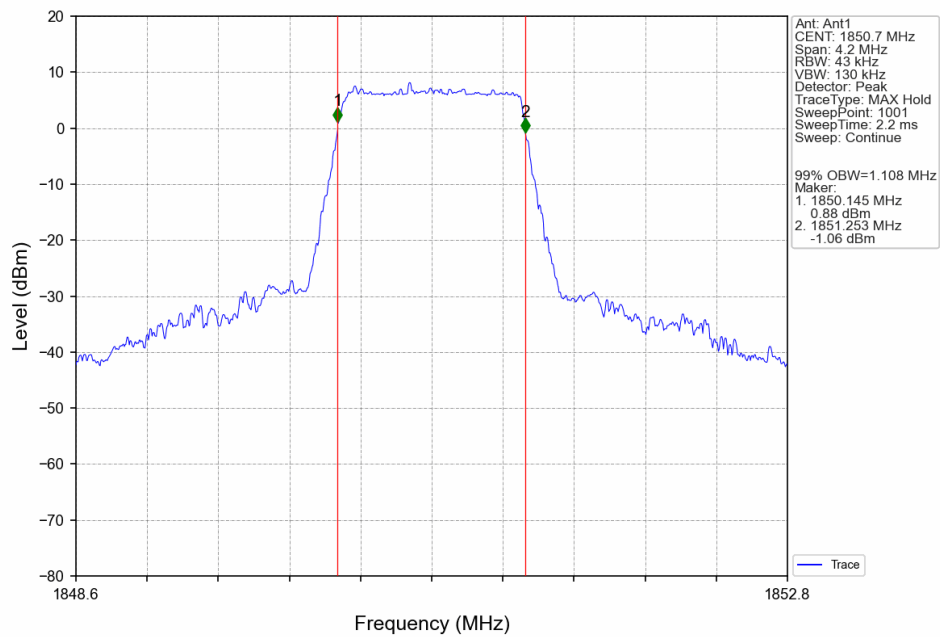




Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

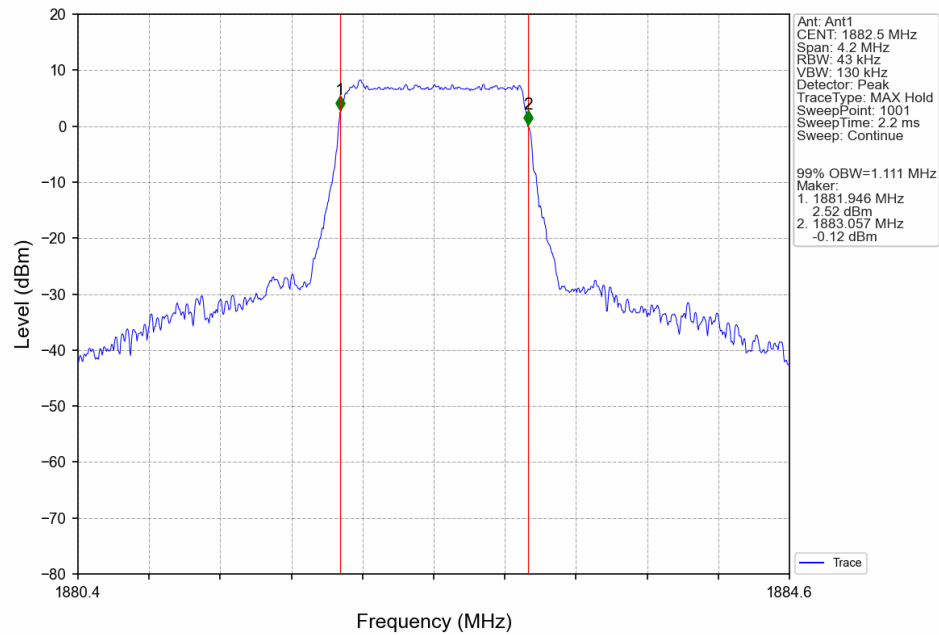


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

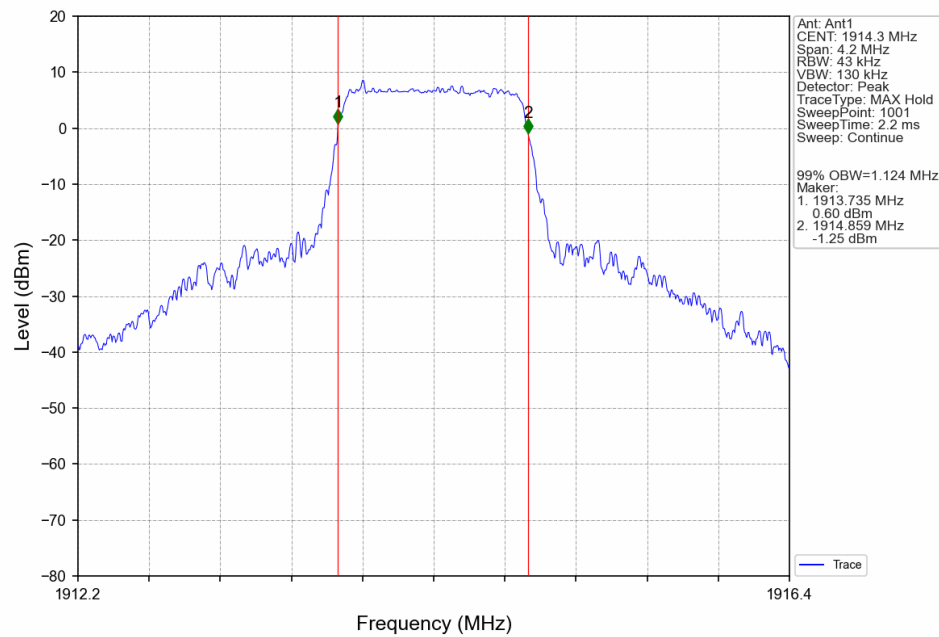




Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

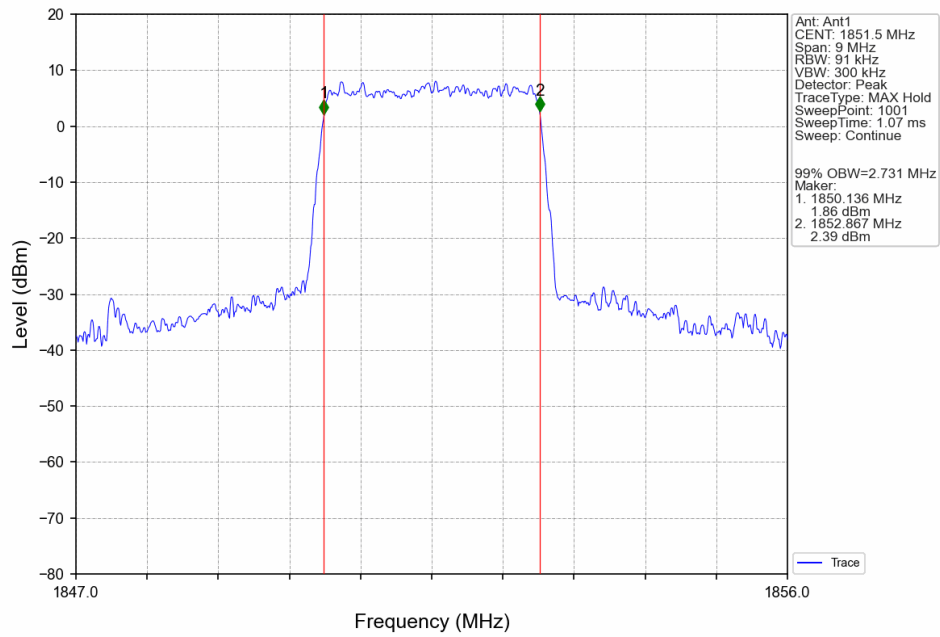


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

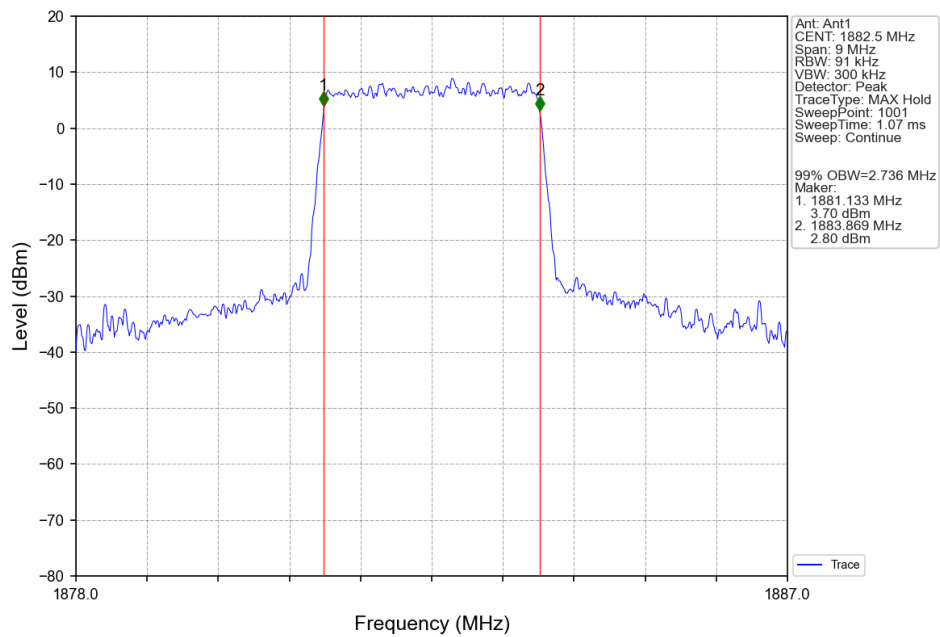




Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

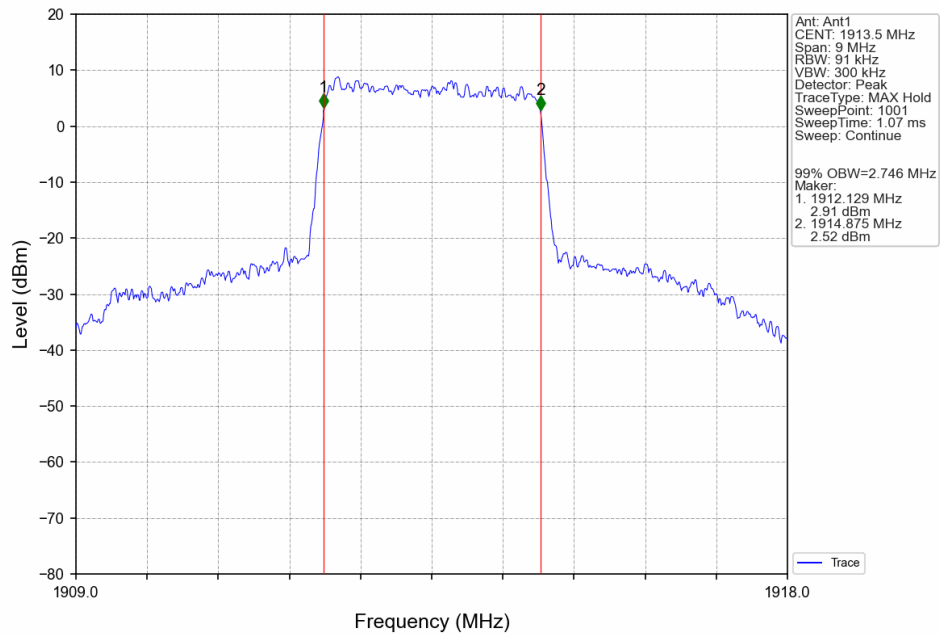


Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

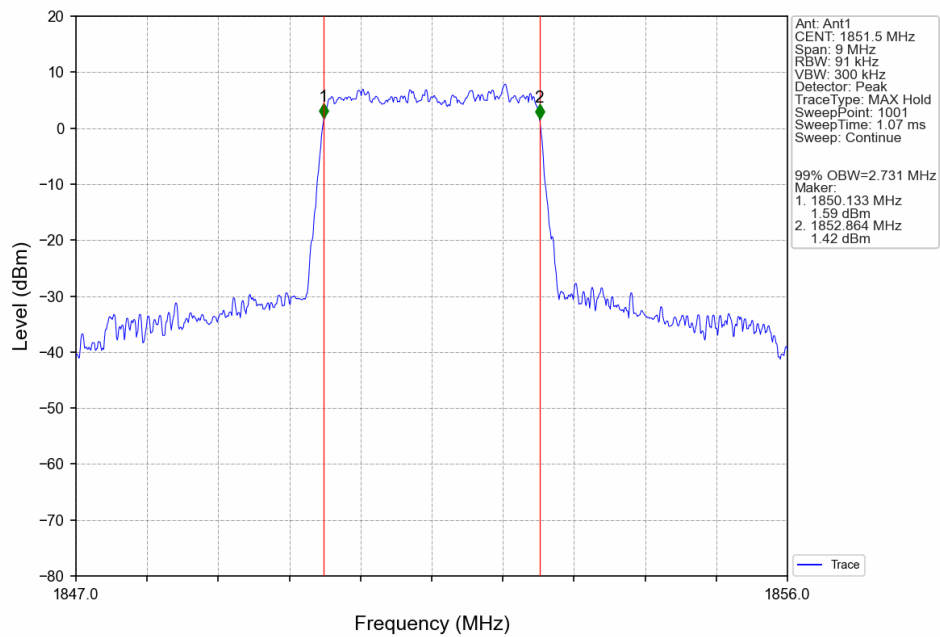




Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

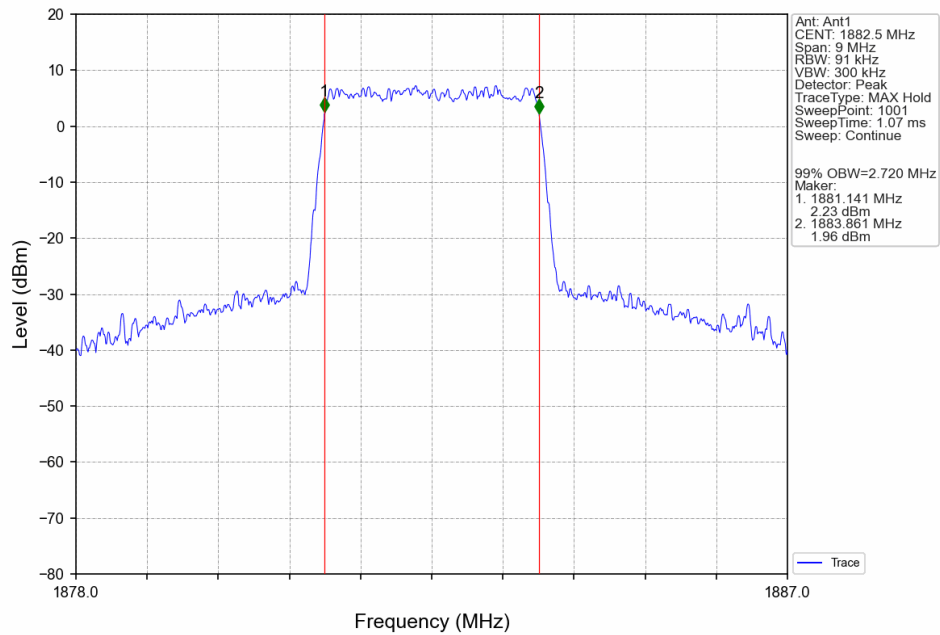


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

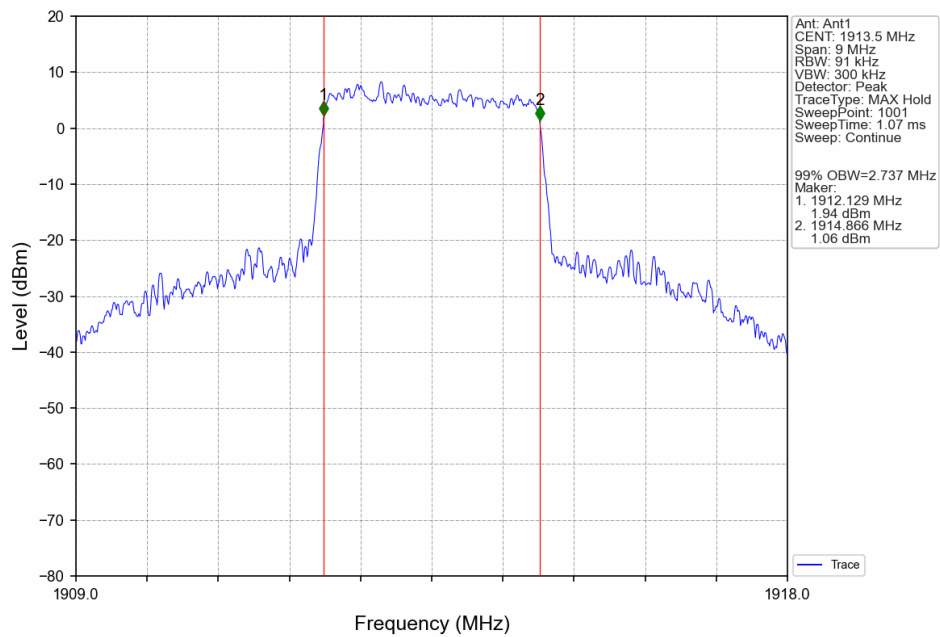




Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

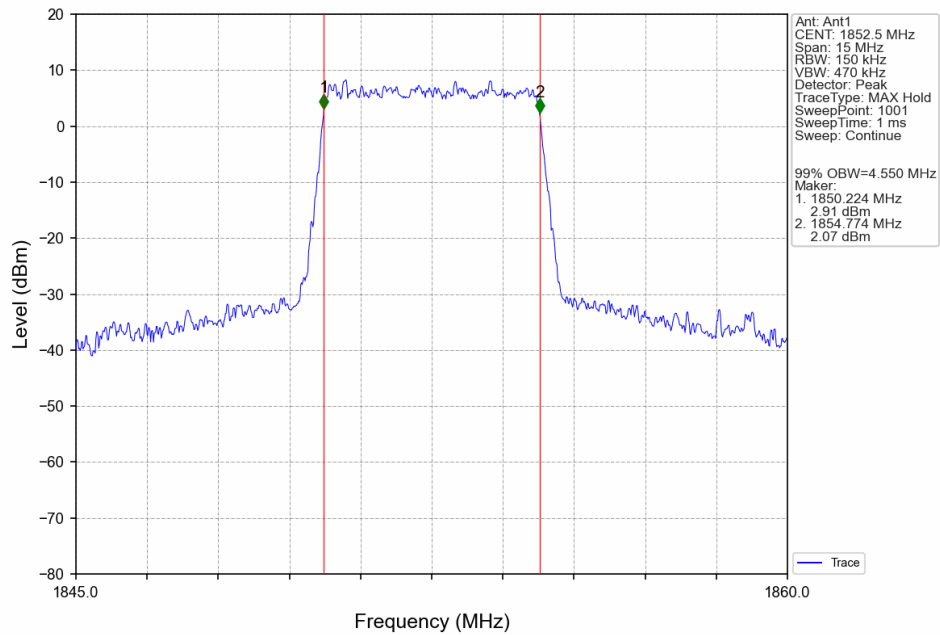


Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

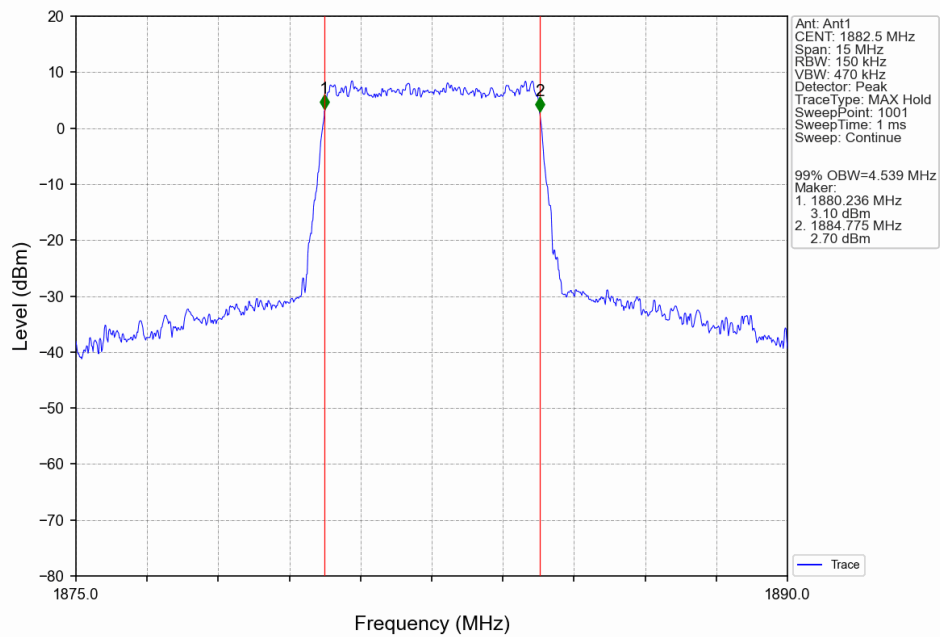




Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

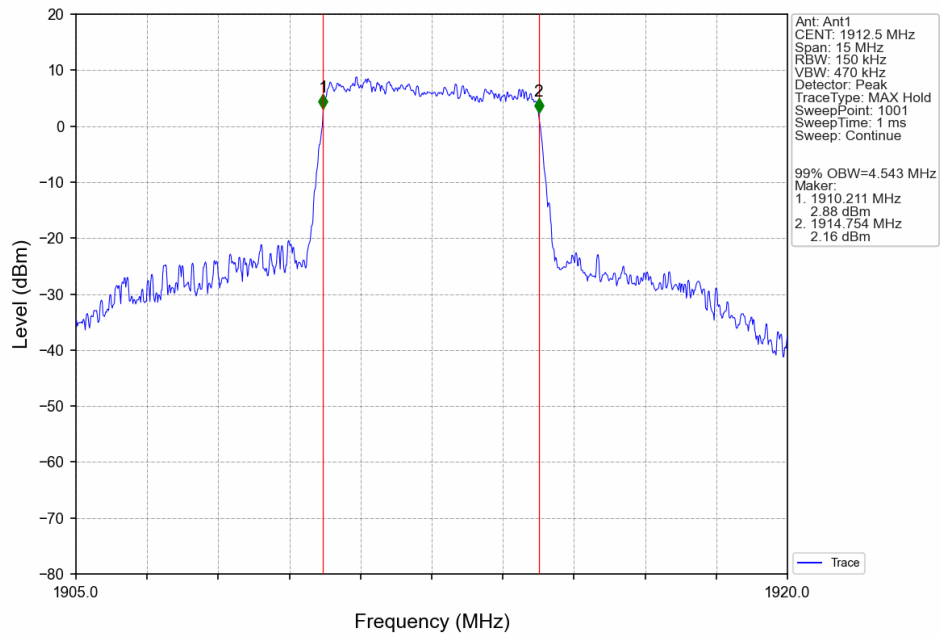


Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

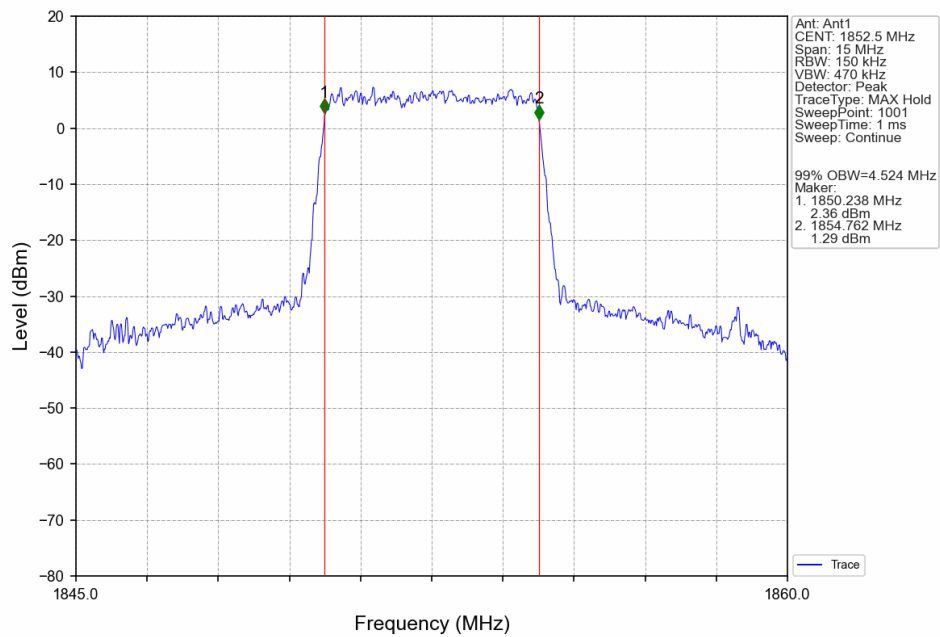




Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

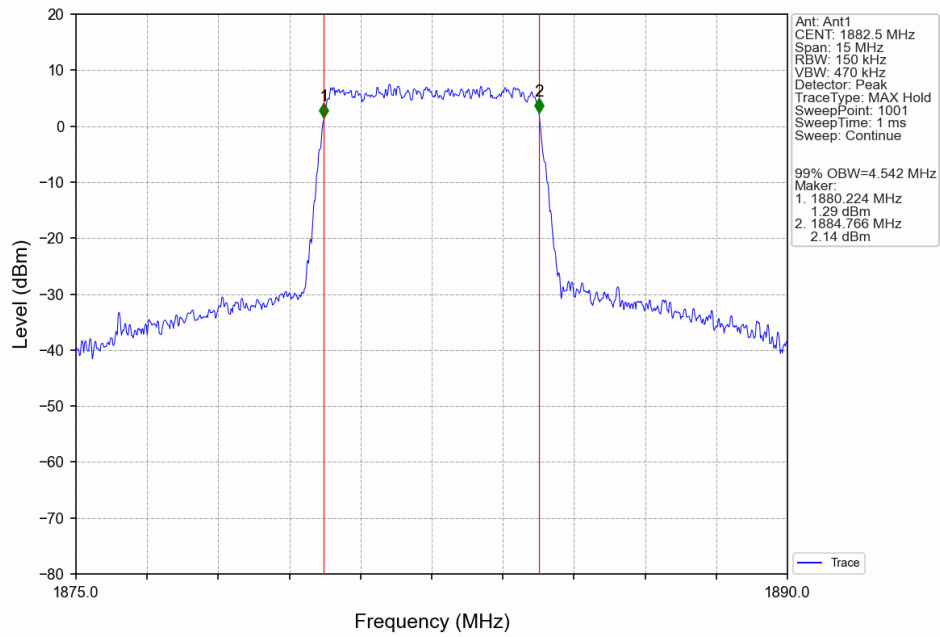


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

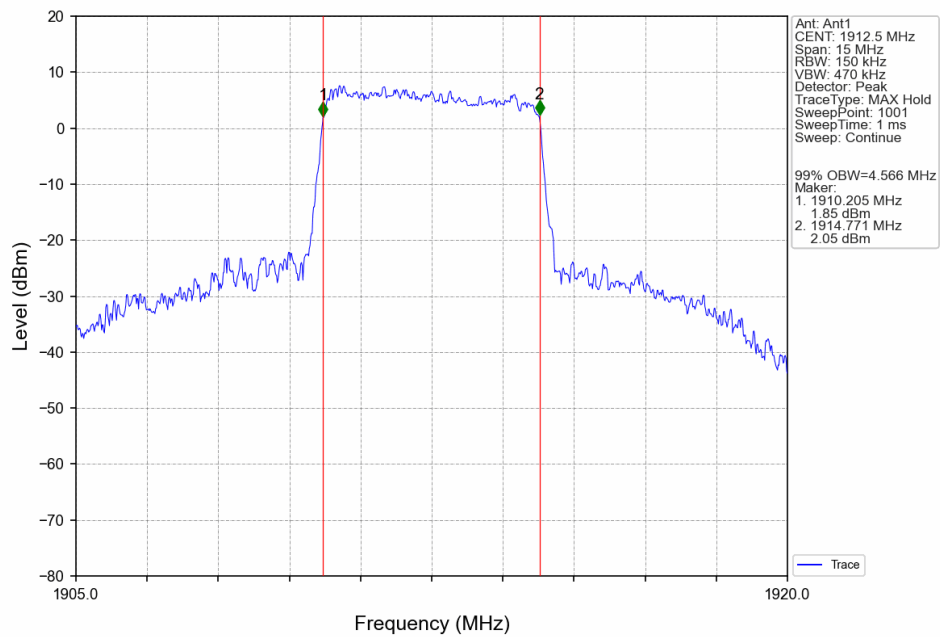




Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

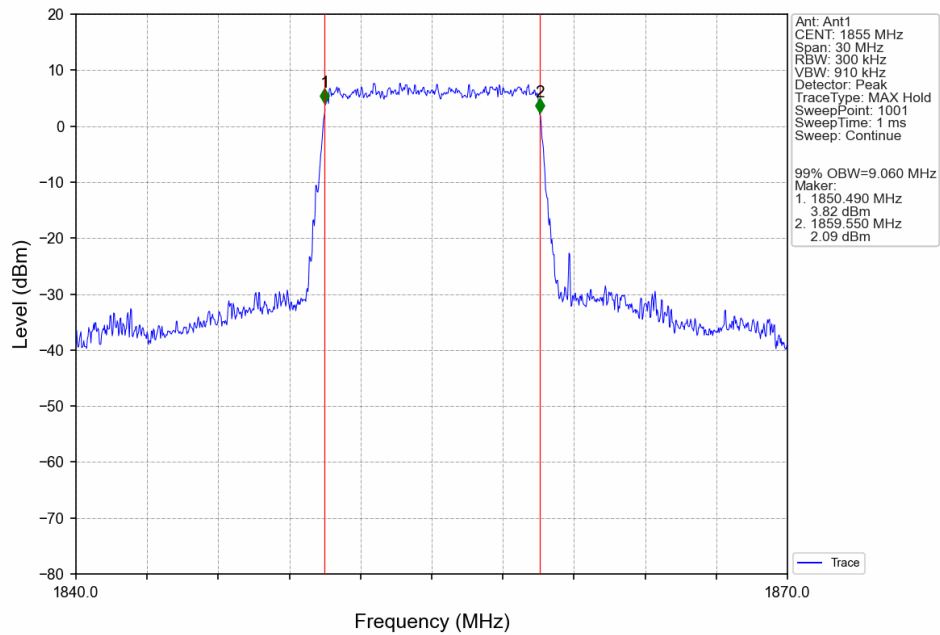


Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

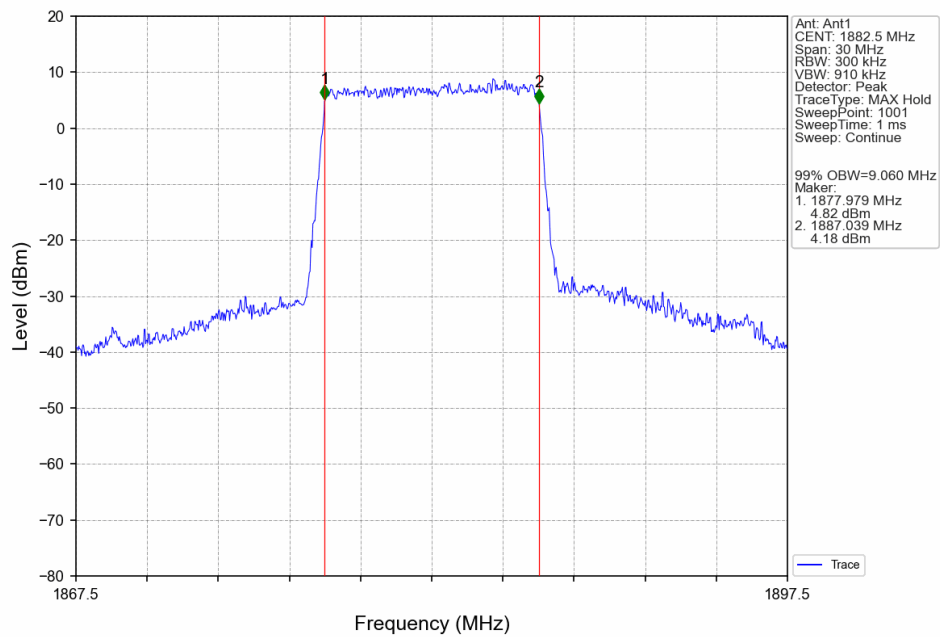




Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

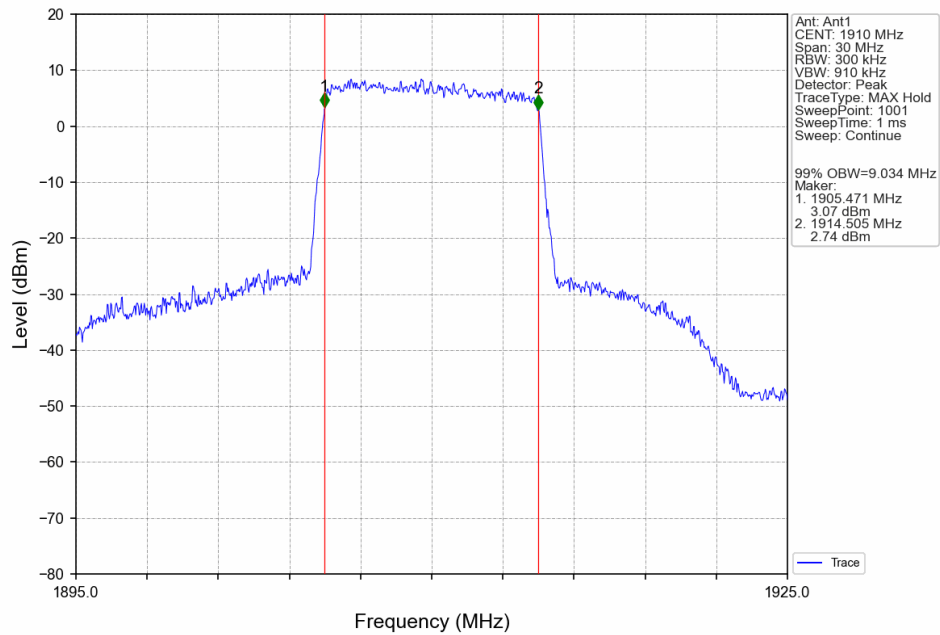


Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

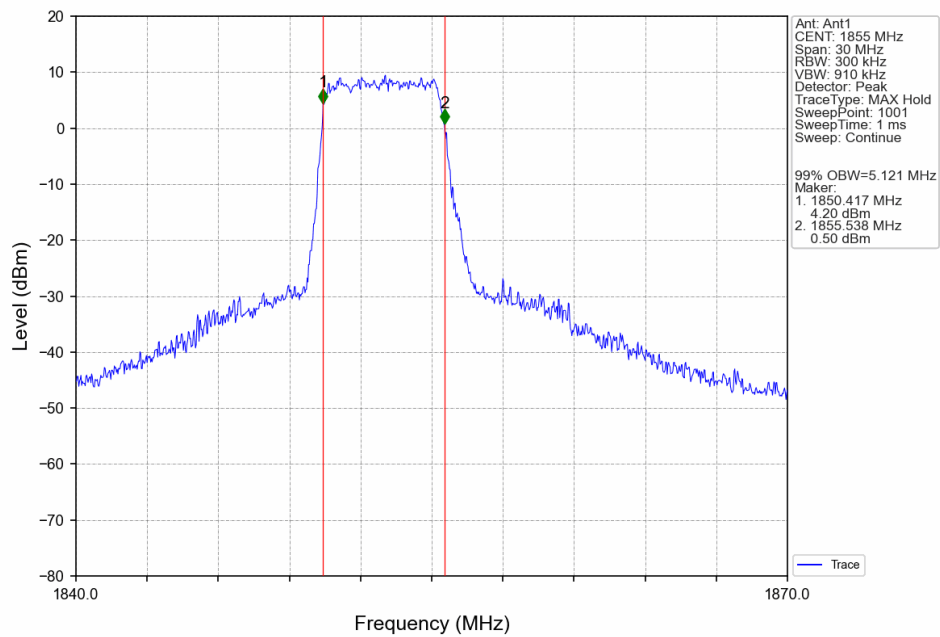




Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV

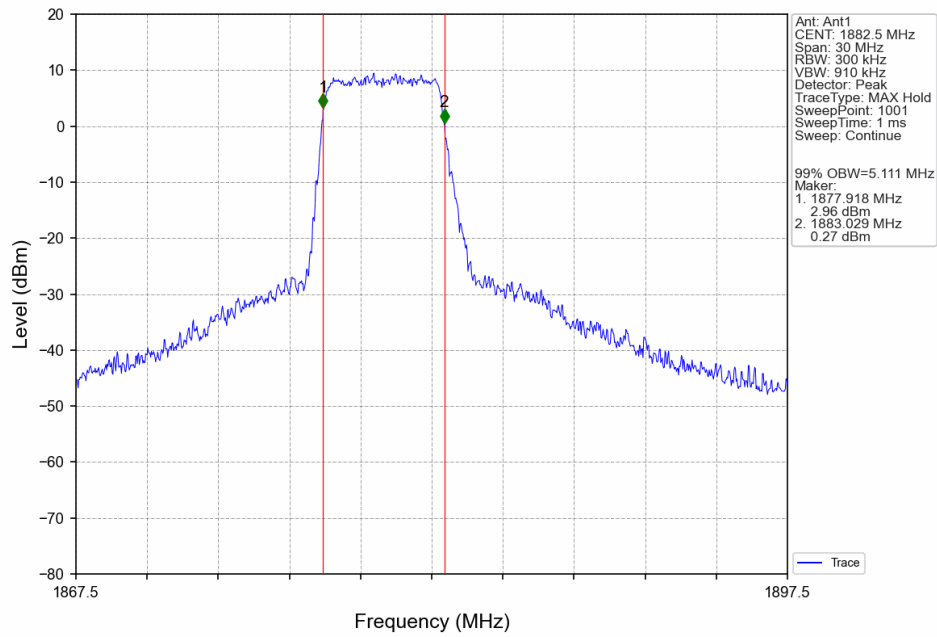


Band25_10MHz_16QAM_LCH_1855MHz_RB_27_0_NTNV

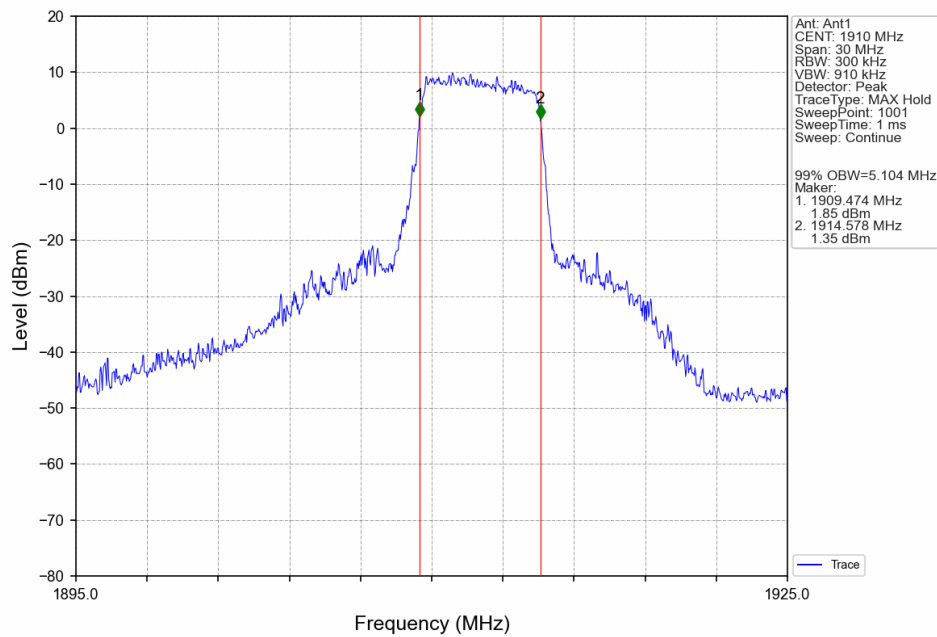




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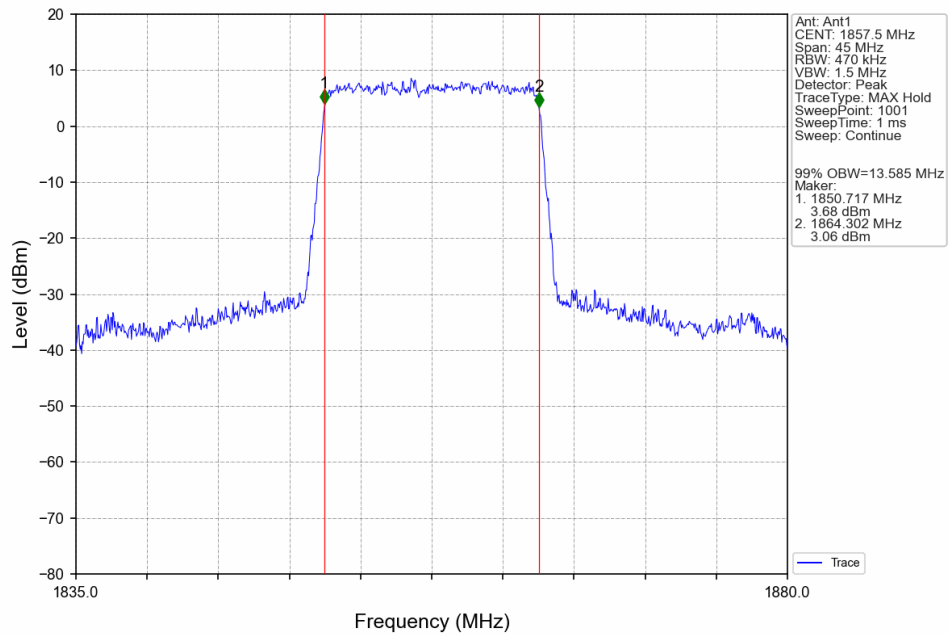


Band25_10MHz_16QAM_HCH_1910MHz_RB_27_23_NTNV

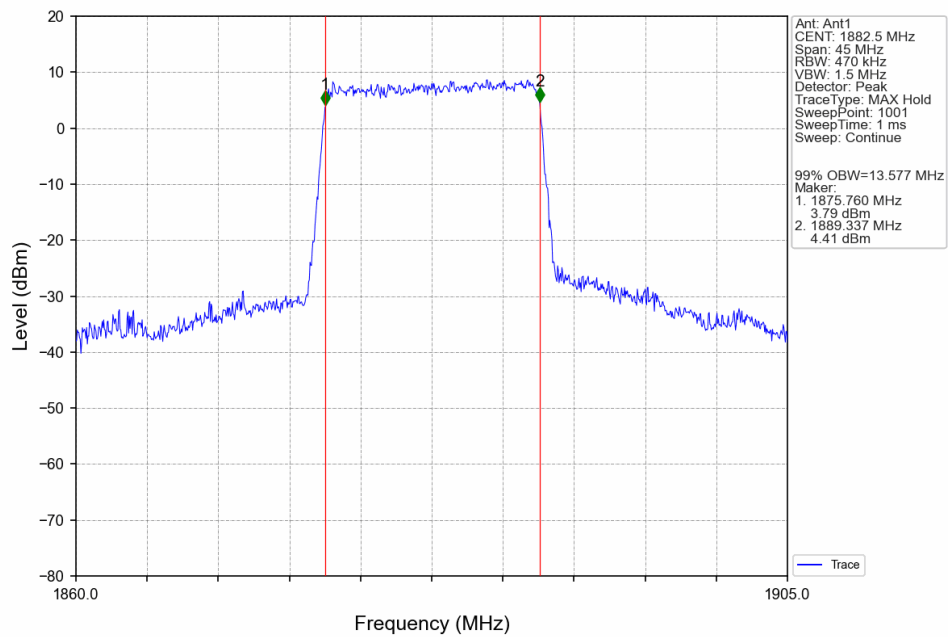




Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

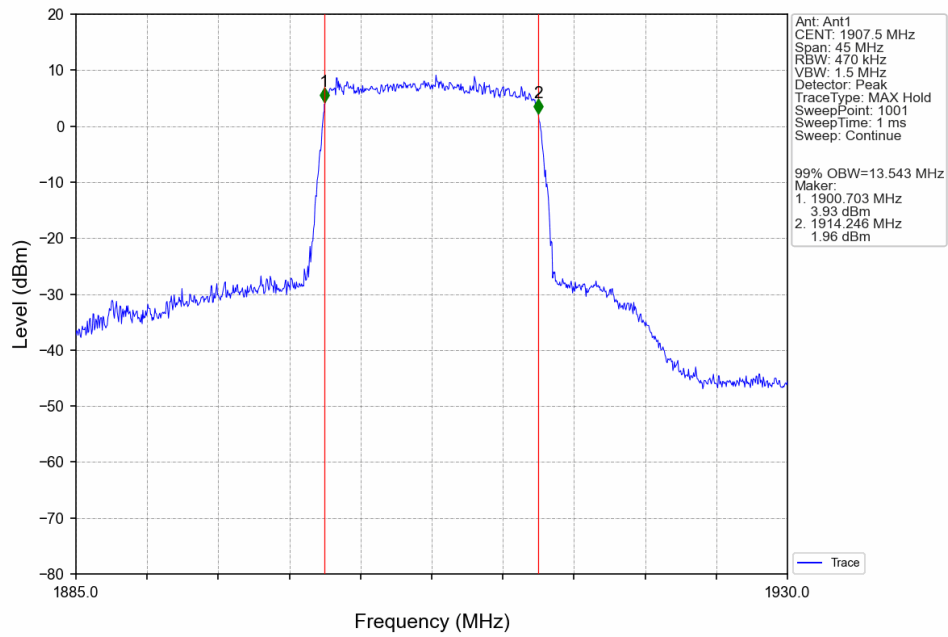


Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

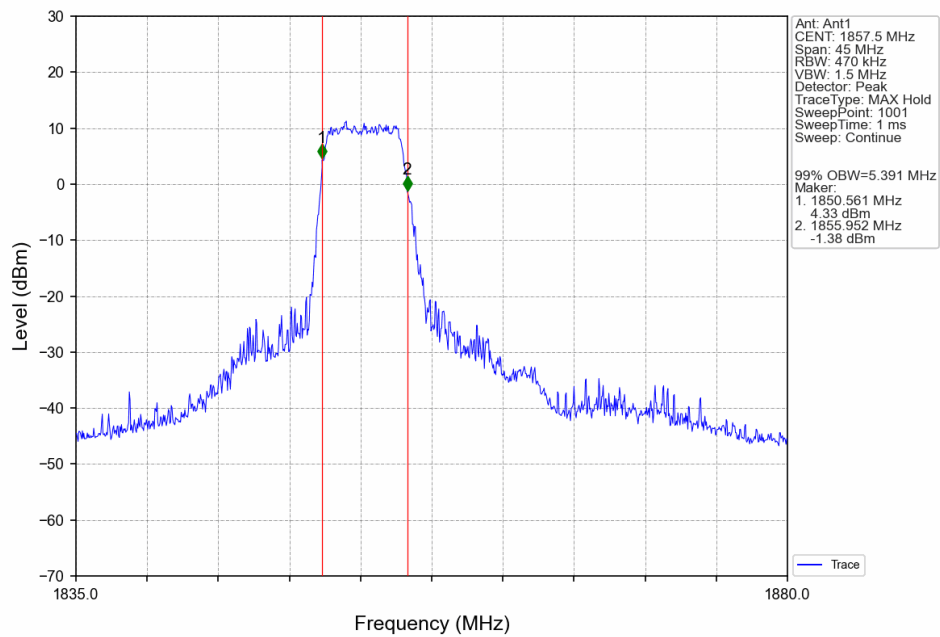




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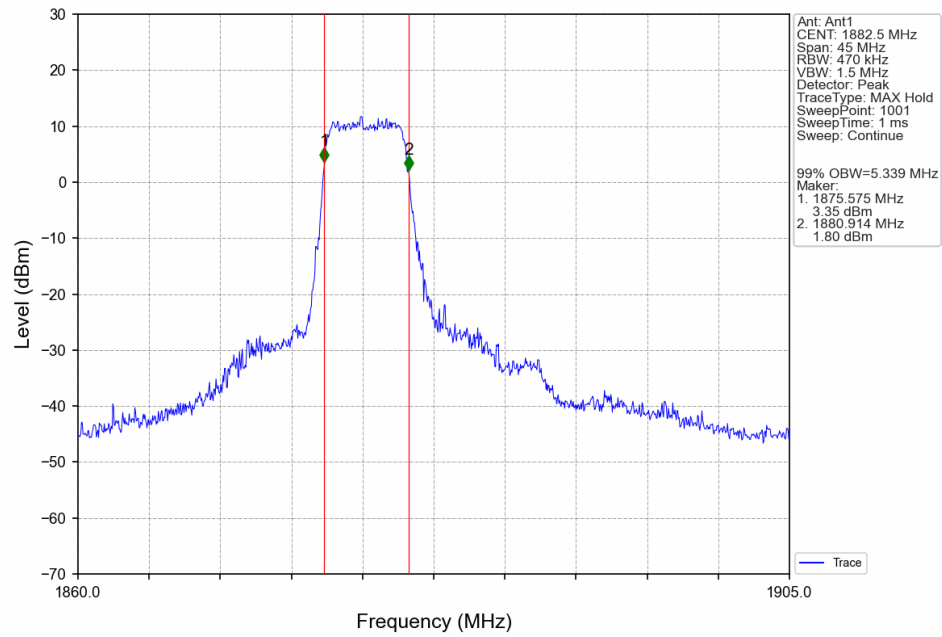


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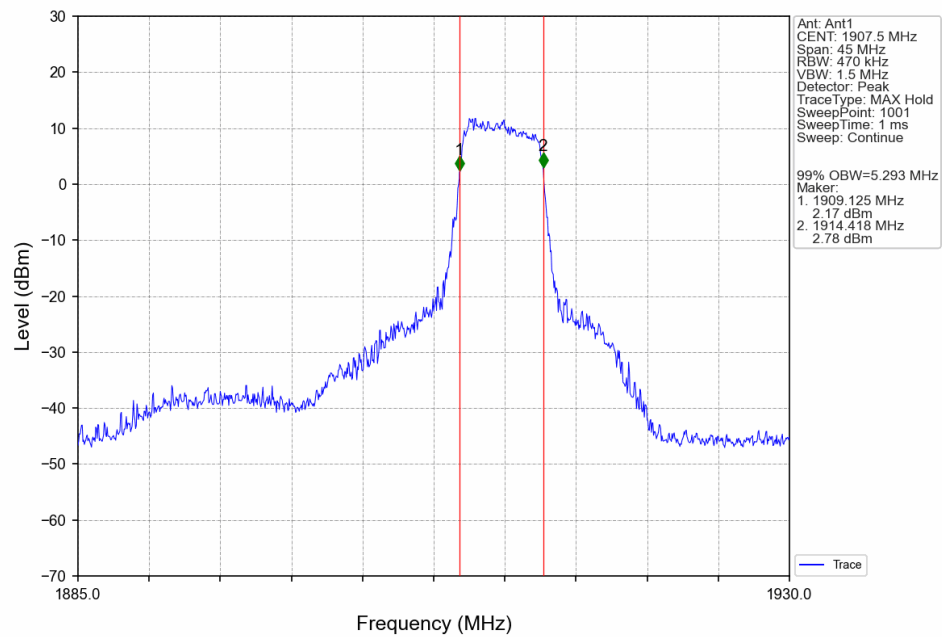




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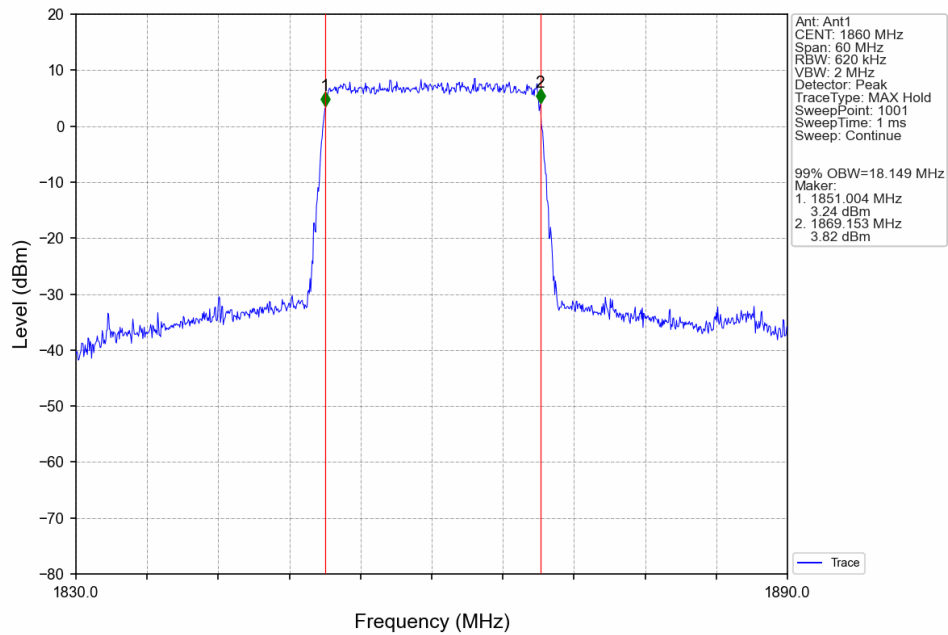


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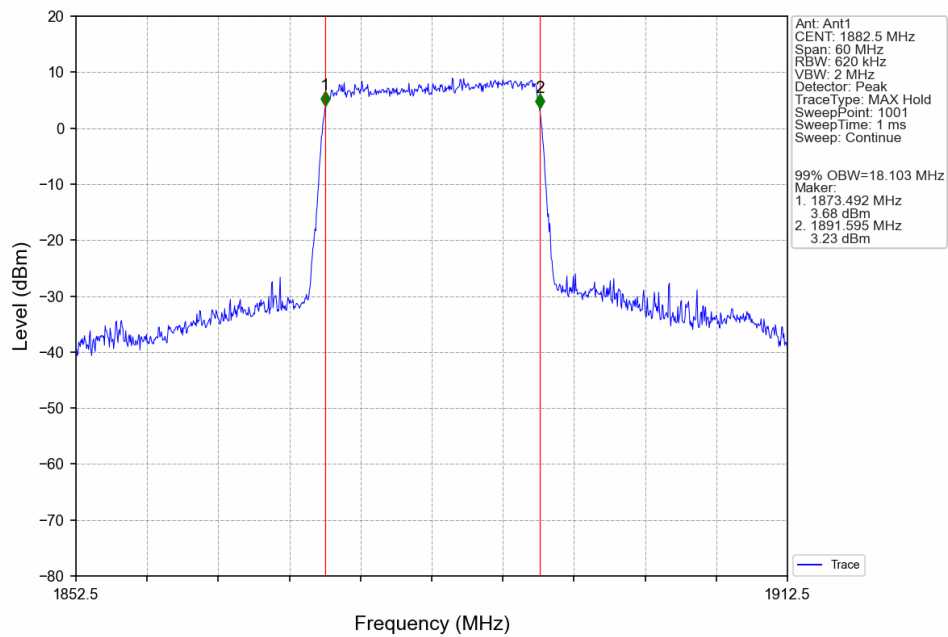




Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

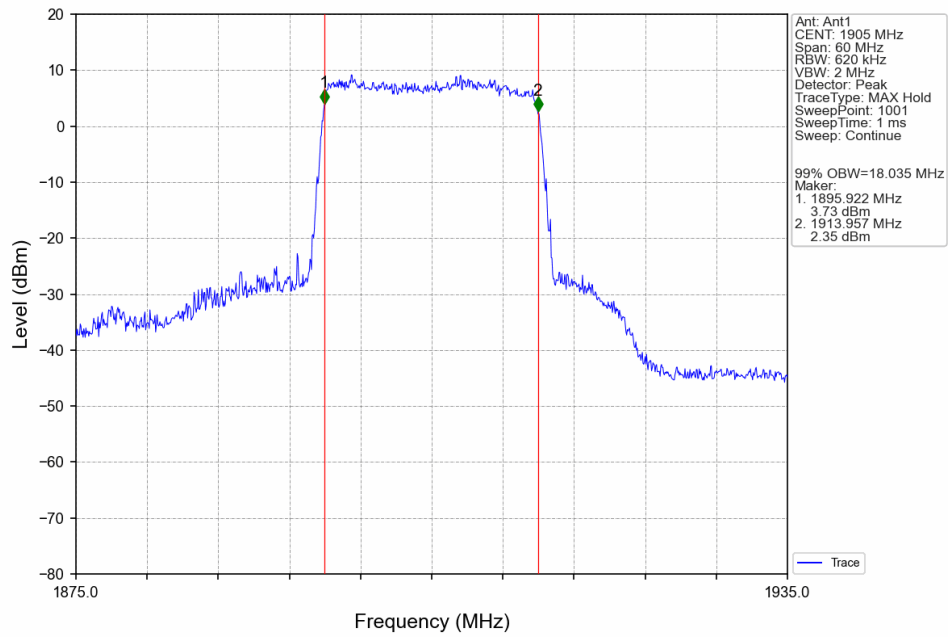


Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

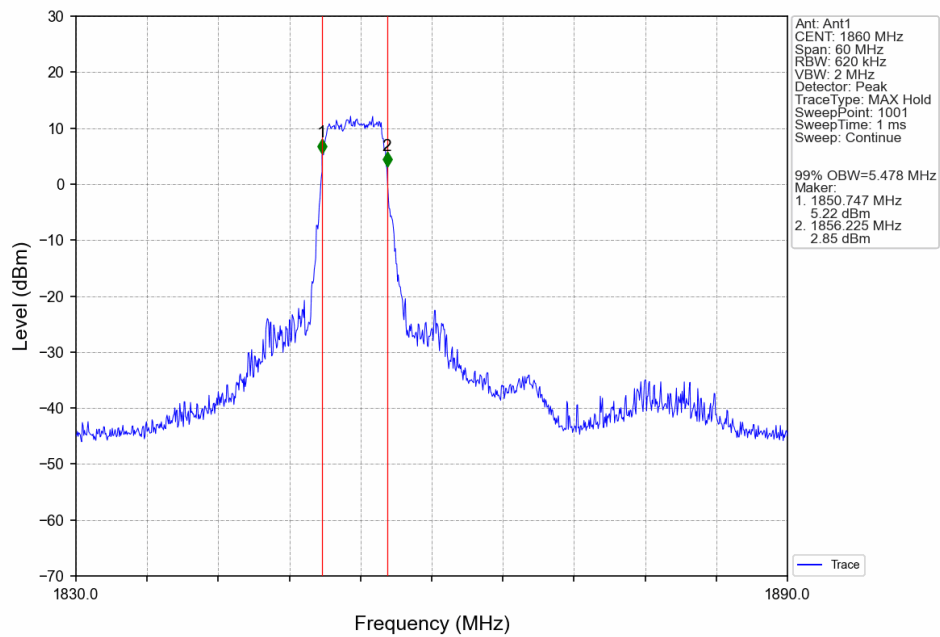




Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV

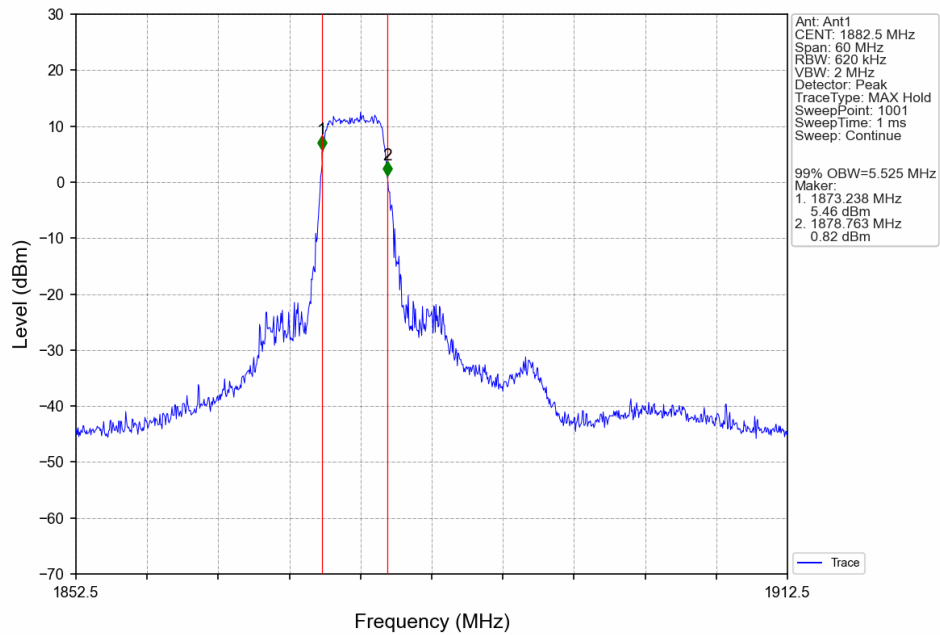


Band25_20MHz_16QAM_LCH_1860MHz_RB_27_0_NTNV

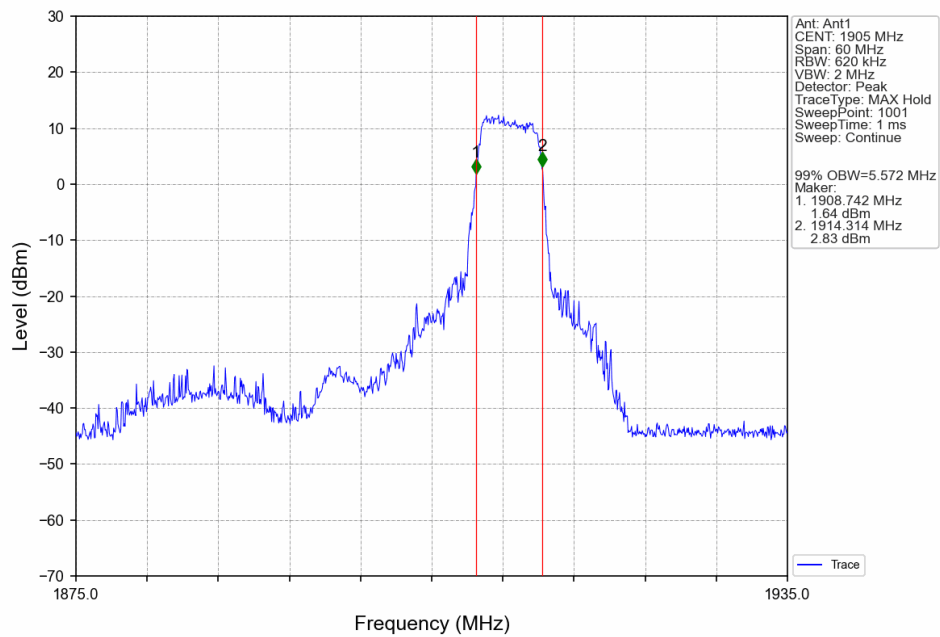




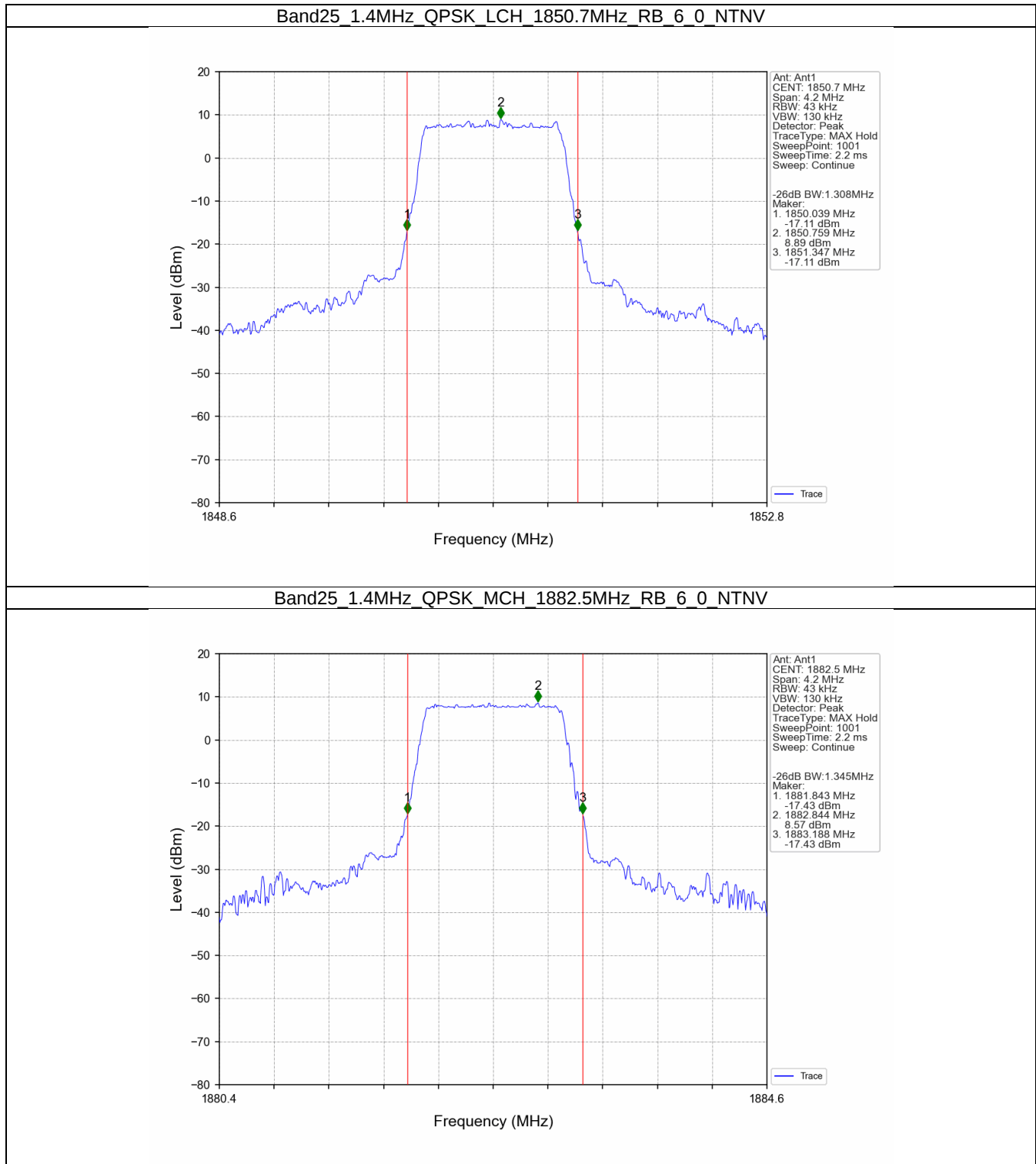
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_27_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_27_73_NTNV

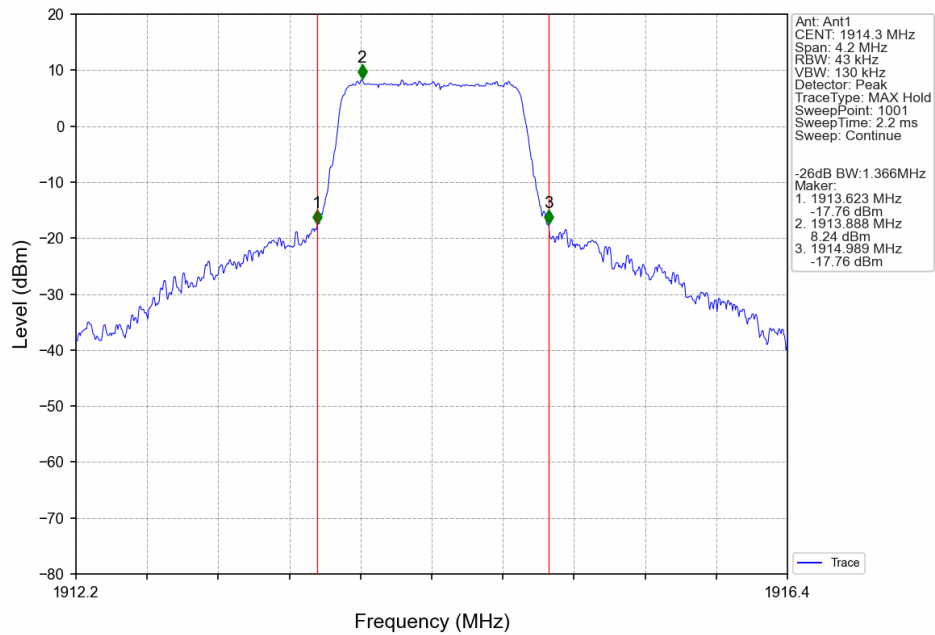


4.2.2 Band25_XDB

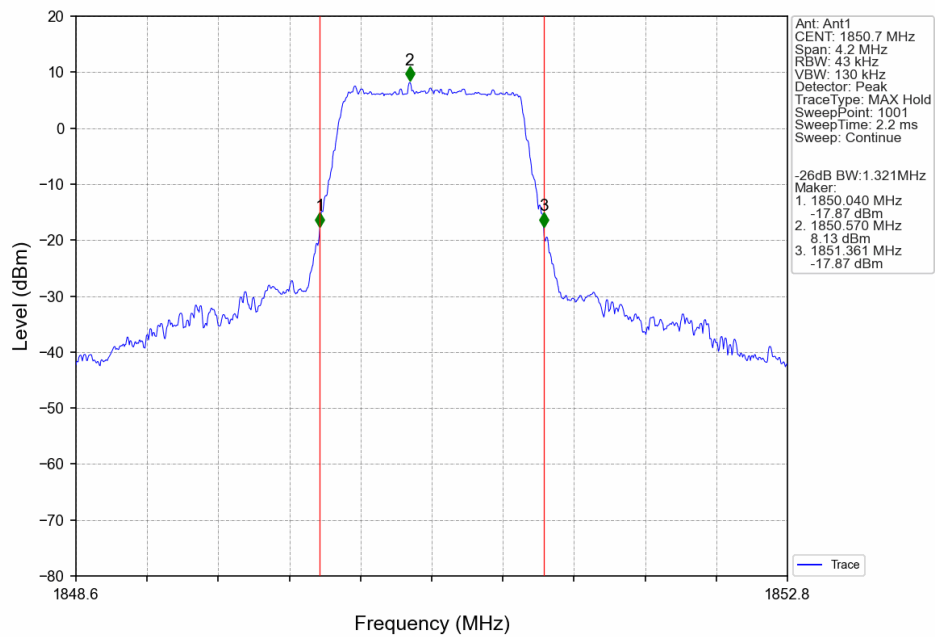




Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

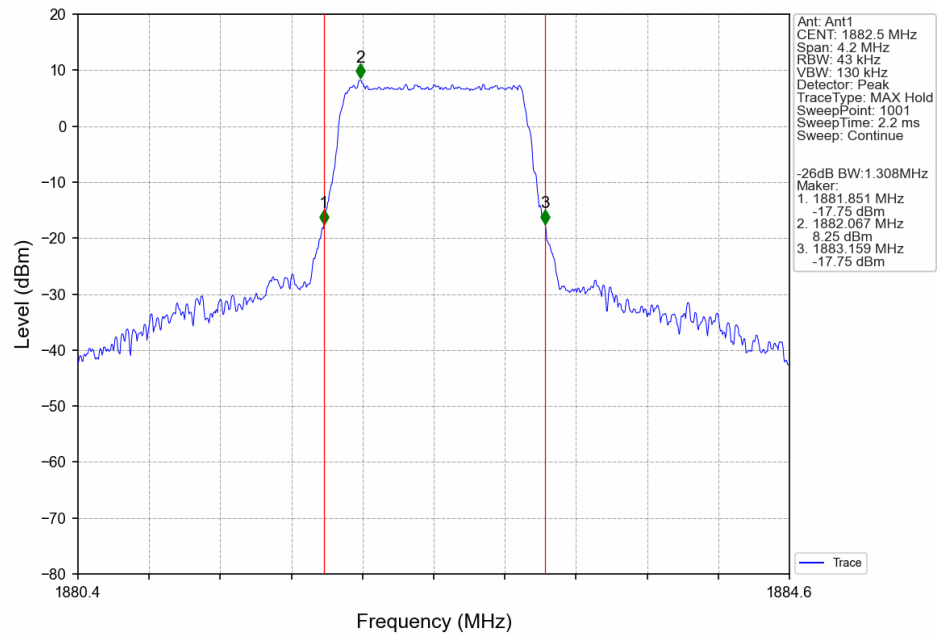


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

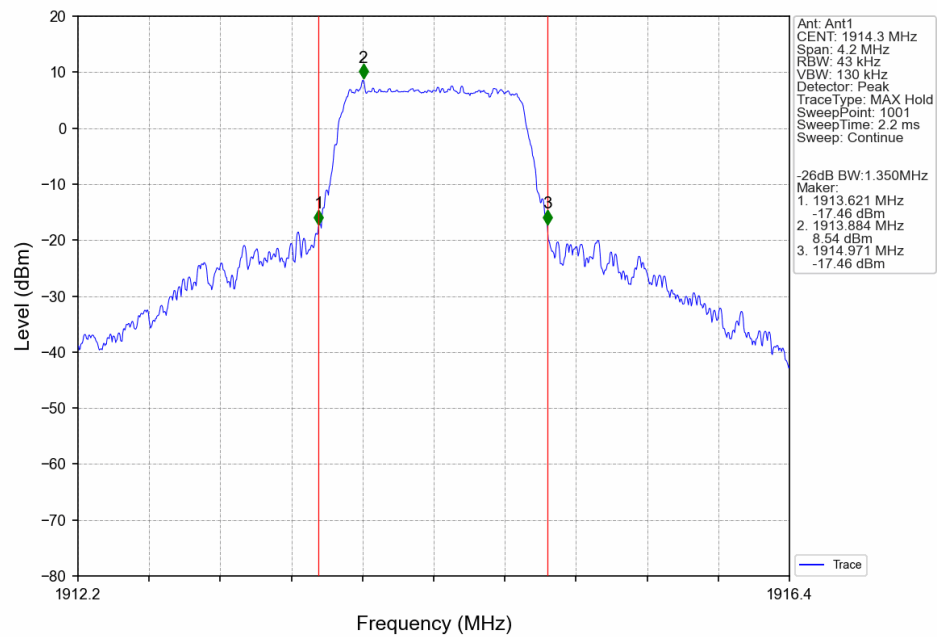




Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

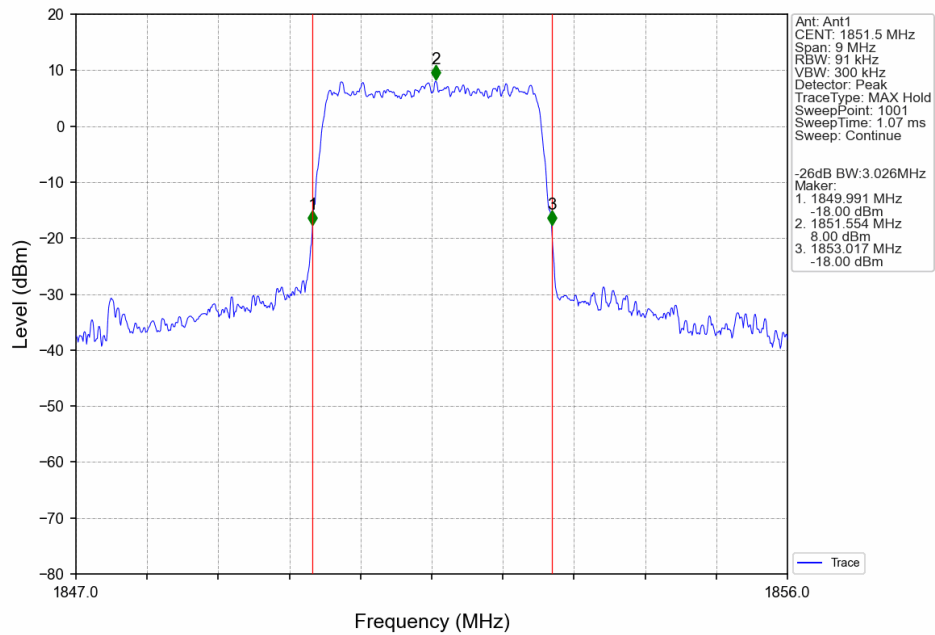


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

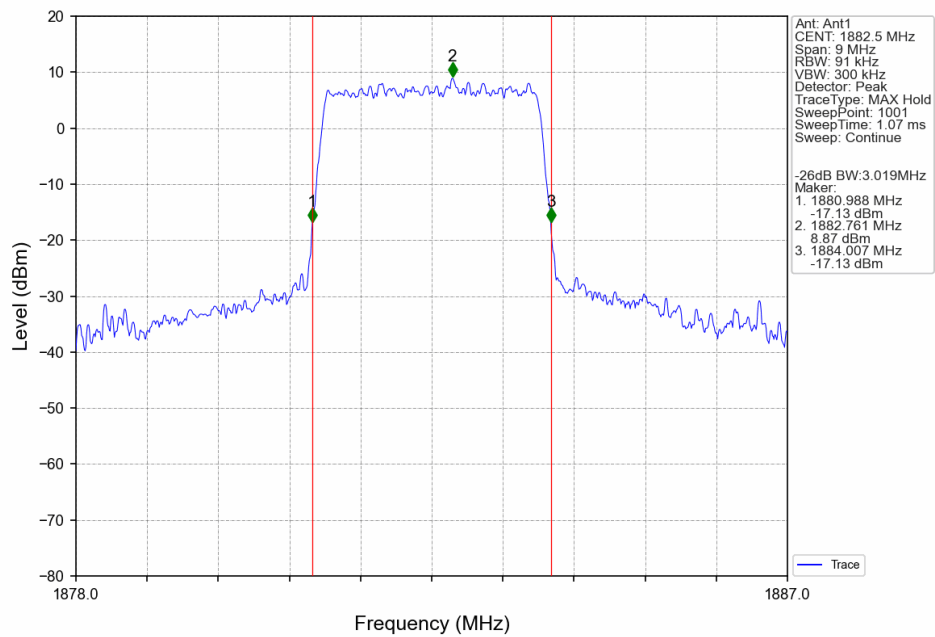




Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

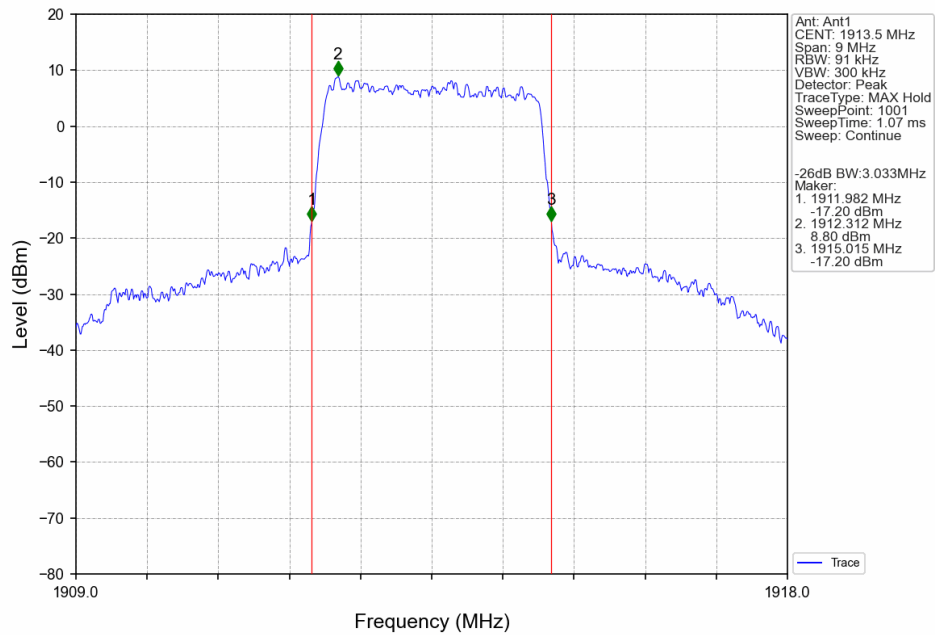


Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

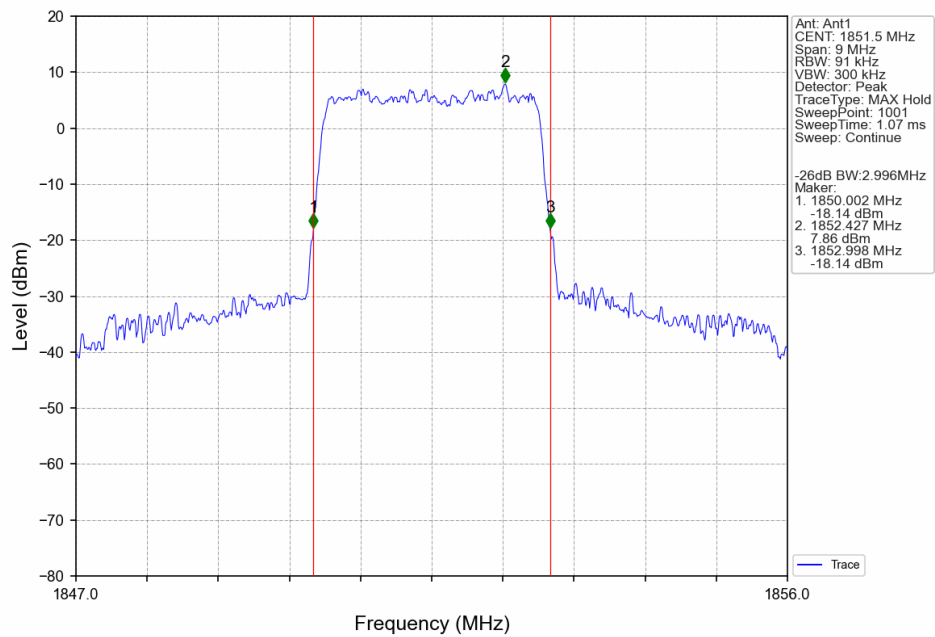




Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

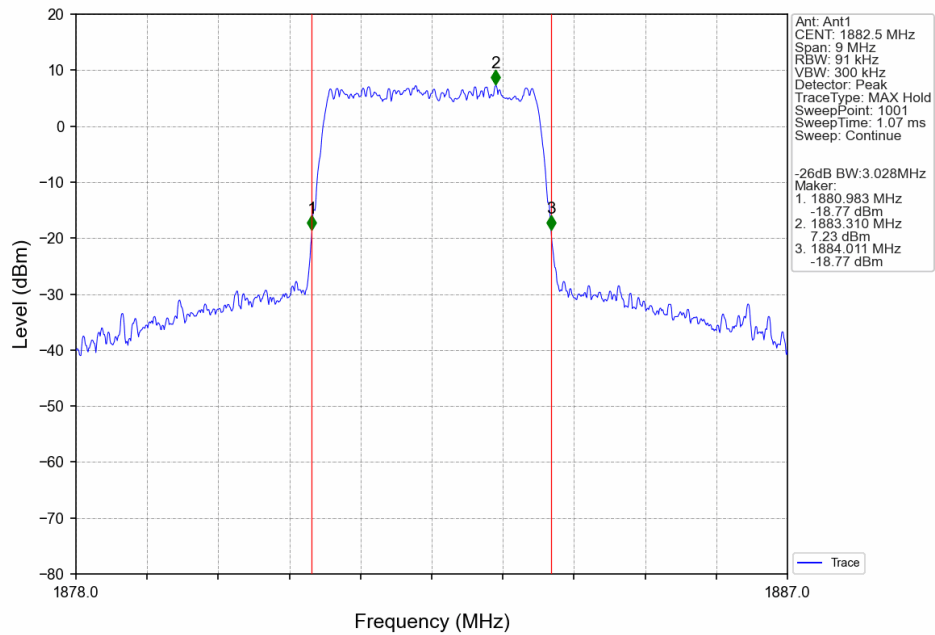


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

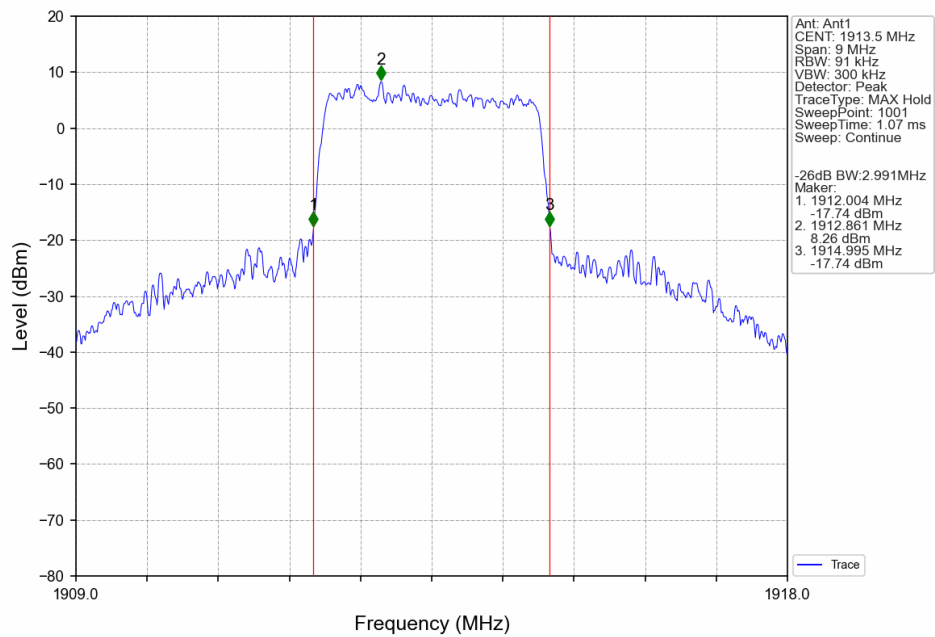




Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

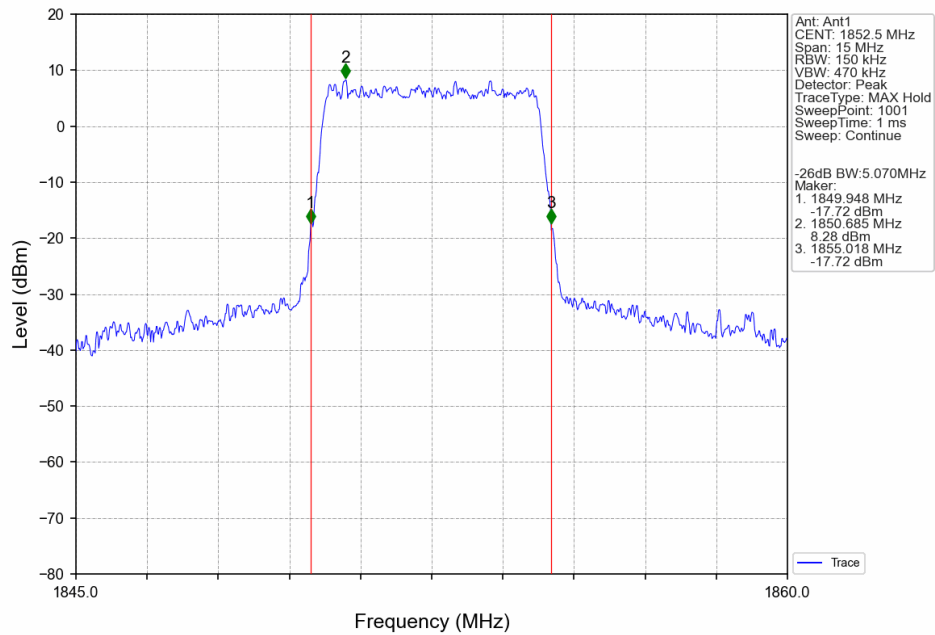


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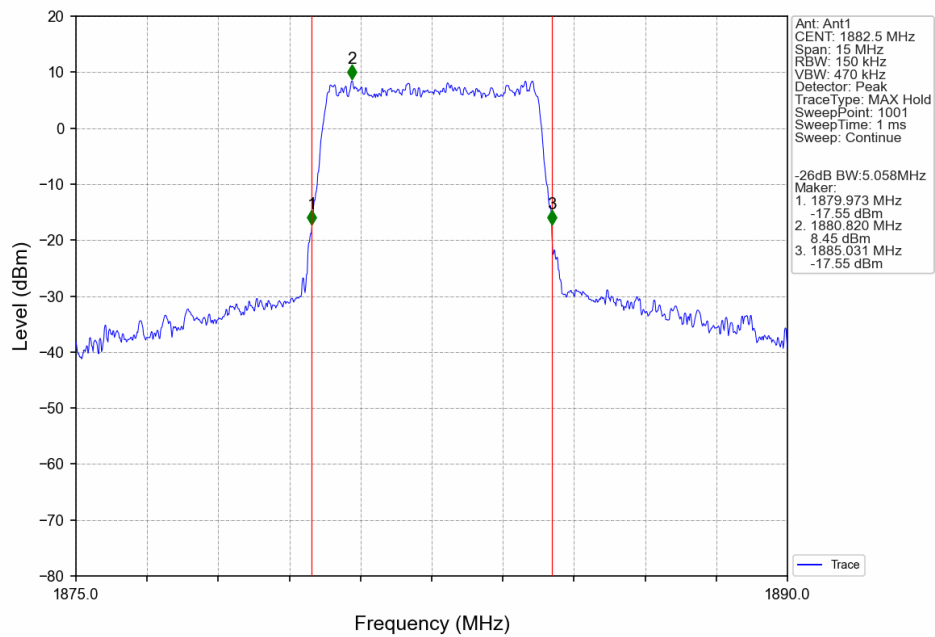




Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

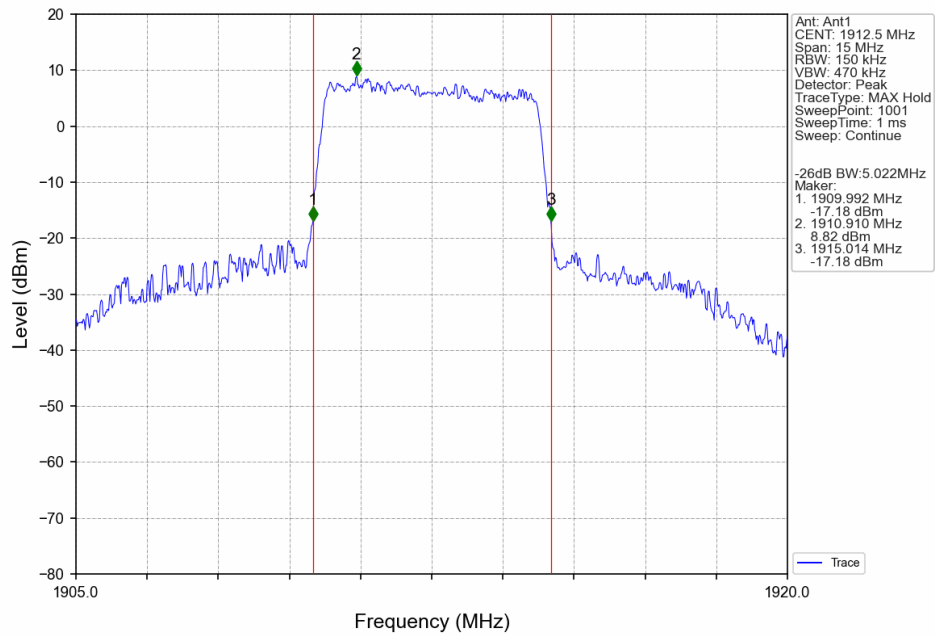


Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

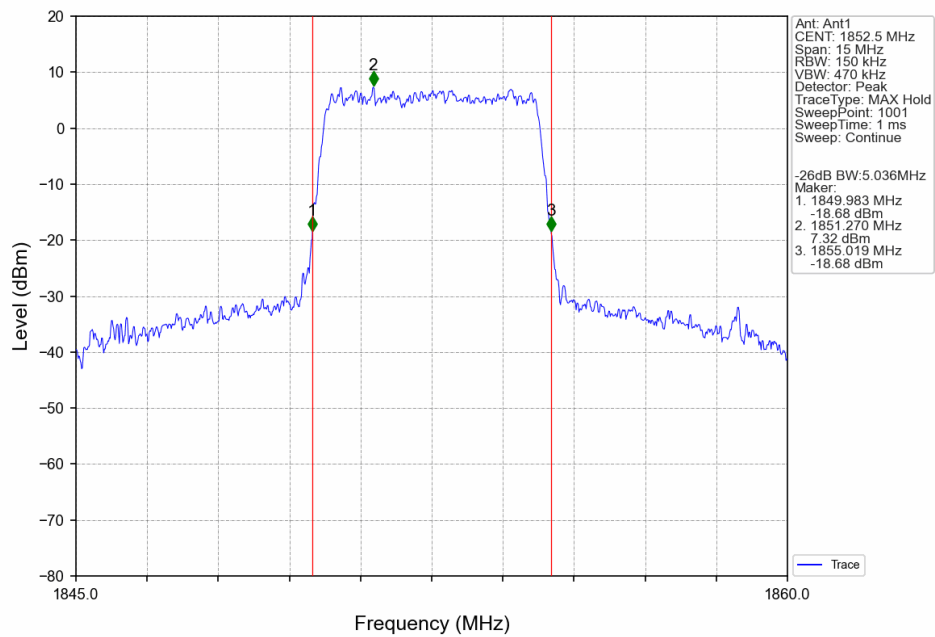




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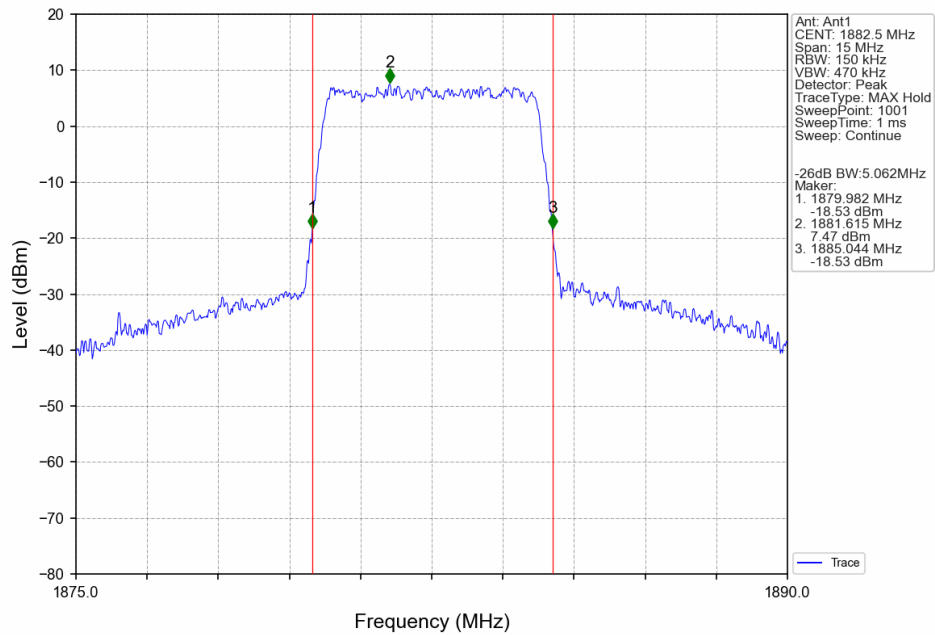


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

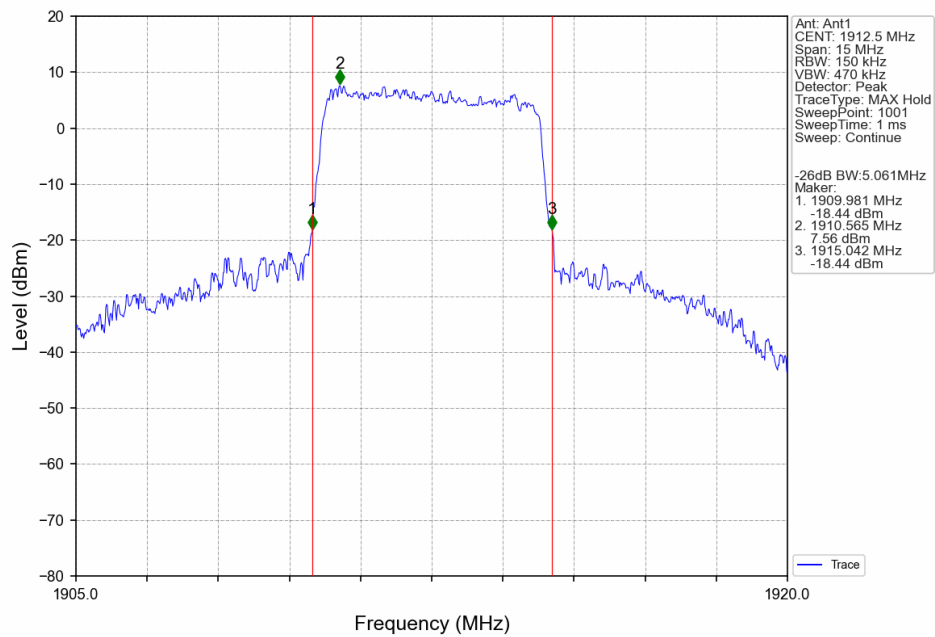




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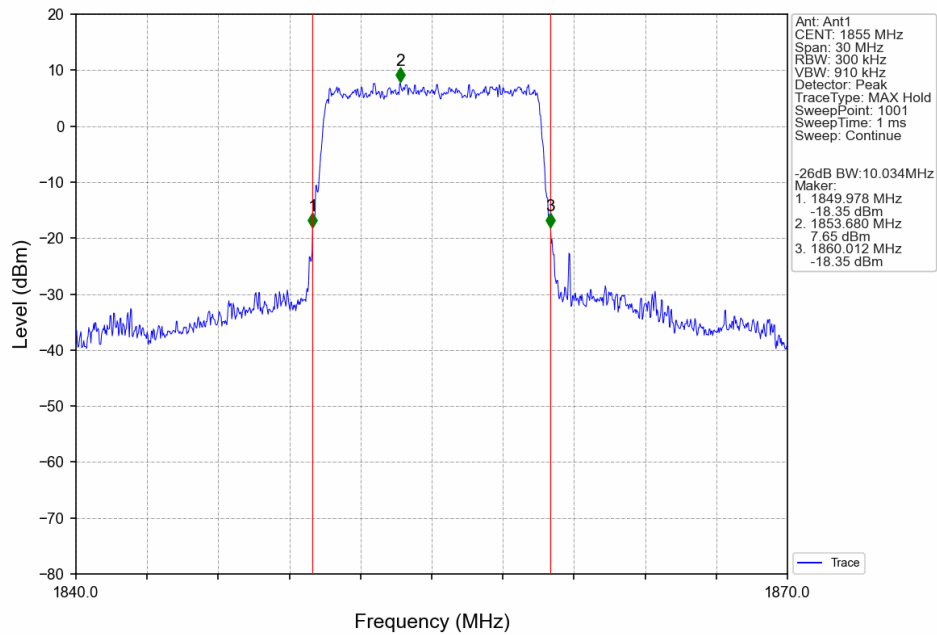


Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

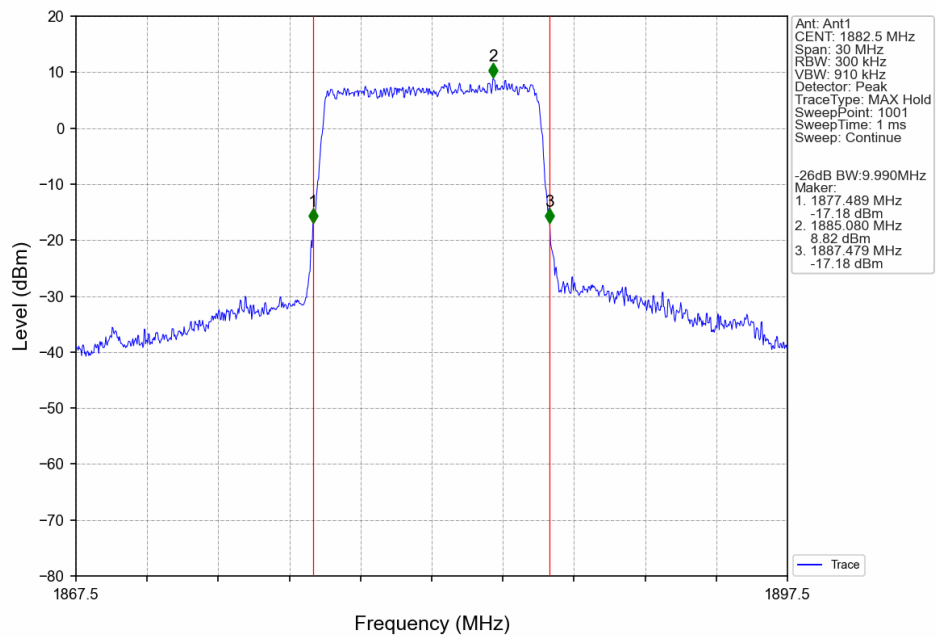




Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

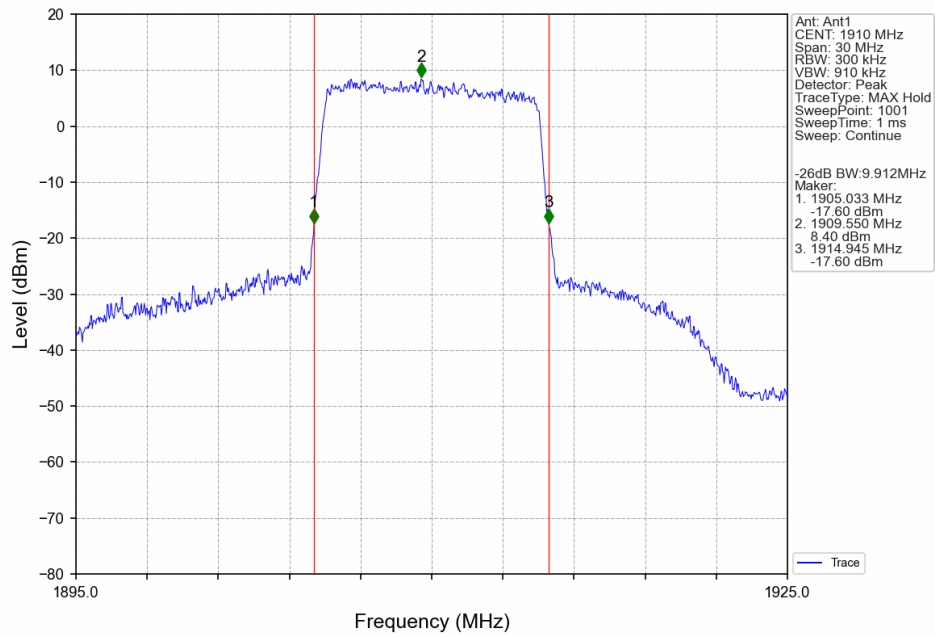


Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

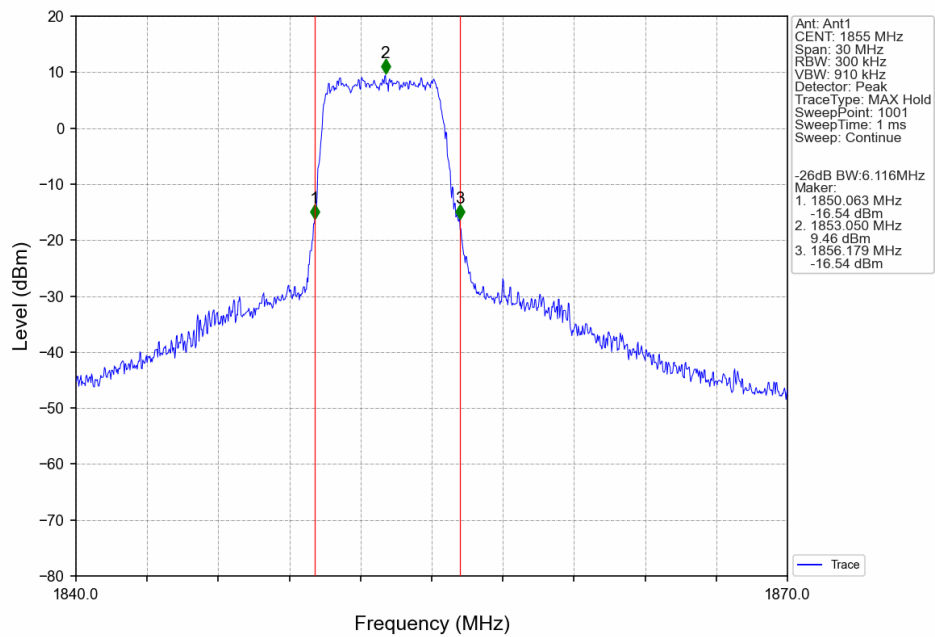




Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV

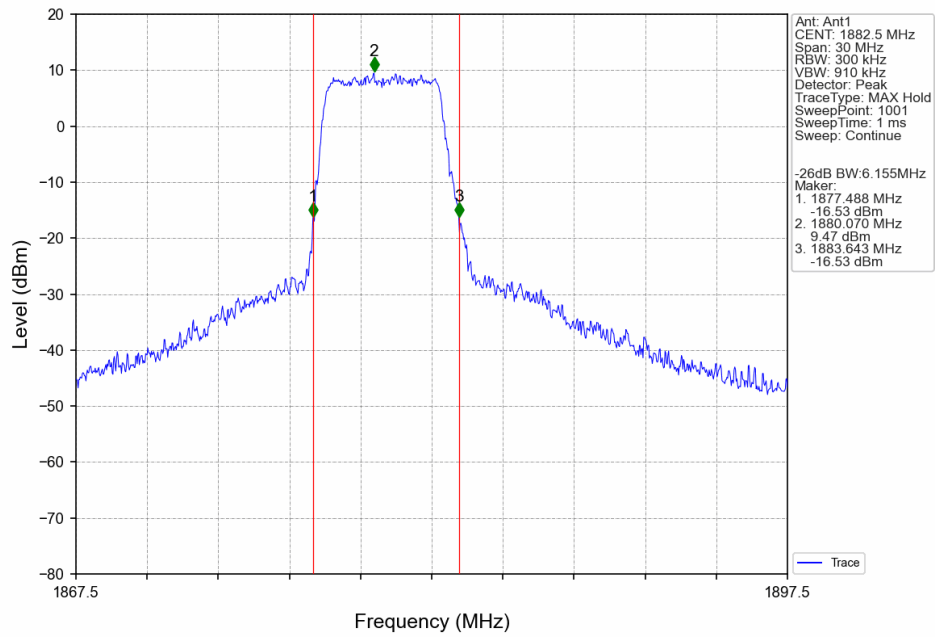


Band25_10MHz_16QAM_LCH_1855MHz_RB_27_0_NTNV

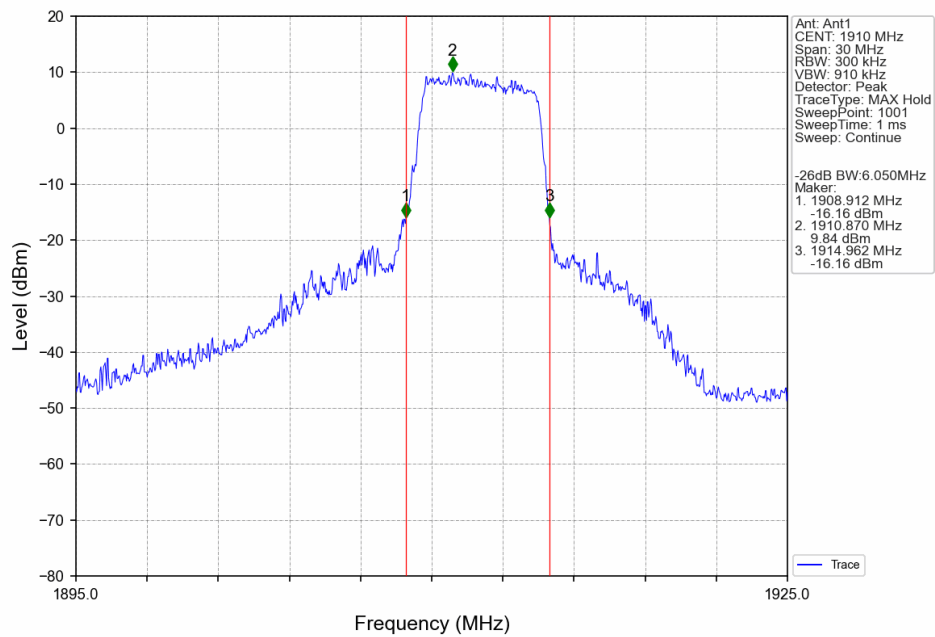




Band25_10MHz_16QAM_MCH_1882.5MHz_RB_27_0_NTNV

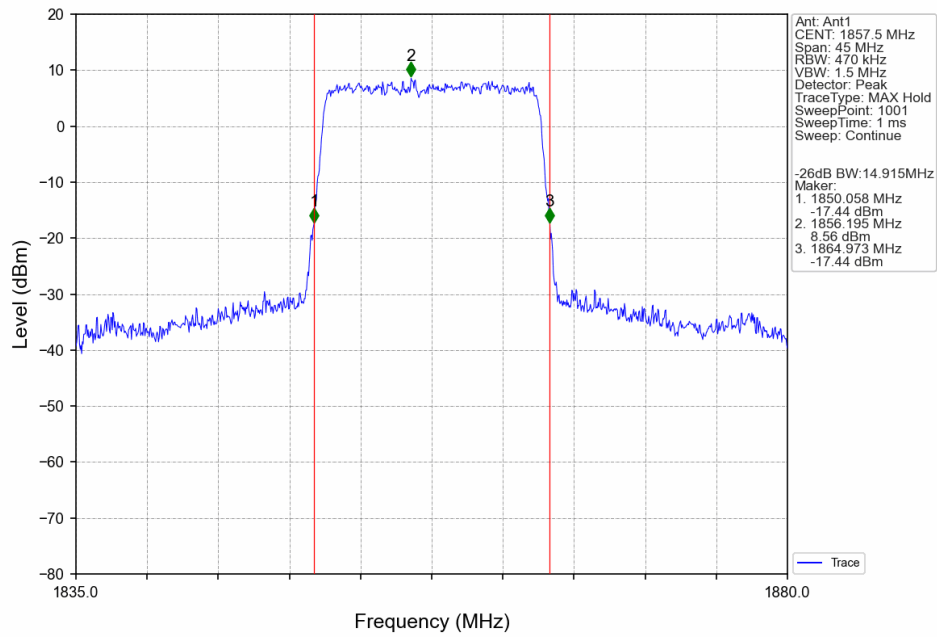


Band25_10MHz_16QAM_HCH_1910MHz_RB_27_23_NTNV





Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

