



1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

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	23.33	3.09	26.42	<=33.01	Pass
			2	22.98	3.09	26.07	<=33.01	Pass
			5	22.90	3.09	25.99	<=33.01	Pass
		3	0	23.01	3.09	26.10	<=33.01	Pass
			2	23.03	3.09	26.12	<=33.01	Pass
			3	23.04	3.09	26.13	<=33.01	Pass
		6	0	22.07	3.09	25.16	<=33.01	Pass
	1882.5	1	0	22.93	3.09	26.02	<=33.01	Pass
			2	22.98	3.09	26.07	<=33.01	Pass
			5	22.94	3.09	26.03	<=33.01	Pass
		3	0	23.07	3.09	26.16	<=33.01	Pass
			2	23.10	3.09	26.19	<=33.01	Pass
			3	23.04	3.09	26.13	<=33.01	Pass
		6	0	22.10	3.09	25.19	<=33.01	Pass
	1914.3	1	0	22.83	3.09	25.92	<=33.01	Pass
			2	22.88	3.09	25.97	<=33.01	Pass
			5	22.81	3.09	25.90	<=33.01	Pass
		3	0	23.00	3.09	26.09	<=33.01	Pass
			2	23.02	3.09	26.11	<=33.01	Pass
			3	22.99	3.09	26.08	<=33.01	Pass
		6	0	22.03	3.09	25.12	<=33.01	Pass
16QAM	1850.7	1	0	21.91	3.09	25.00	<=33.01	Pass
			2	21.97	3.09	25.06	<=33.01	Pass
			5	21.95	3.09	25.04	<=33.01	Pass
		3	0	22.09	3.09	25.18	<=33.01	Pass
			2	22.11	3.09	25.20	<=33.01	Pass
			3	22.10	3.09	25.19	<=33.01	Pass
		6	0	21.01	3.09	24.10	<=33.01	Pass
	1882.5	1	0	22.07	3.09	25.16	<=33.01	Pass
			2	22.14	3.09	25.23	<=33.01	Pass
			5	22.03	3.09	25.12	<=33.01	Pass
		3	0	22.05	3.09	25.14	<=33.01	Pass
			2	22.07	3.09	25.16	<=33.01	Pass
			3	22.05	3.09	25.14	<=33.01	Pass
		6	0	21.13	3.09	24.22	<=33.01	Pass
	1914.3	1	0	21.84	3.09	24.93	<=33.01	Pass
			2	21.91	3.09	25.00	<=33.01	Pass
			5	21.85	3.09	24.94	<=33.01	Pass
		3	0	22.18	3.09	25.27	<=33.01	Pass
			2	22.23	3.09	25.32	<=33.01	Pass
			3	22.21	3.09	25.30	<=33.01	Pass
		6	0	21.07	3.09	24.16	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B25_3MHz_EIRP



1.2.1 Test Result

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	22.80	3.09	25.89	<=33.01	Pass
			7	22.91	3.09	26.00	<=33.01	Pass
			14	22.77	3.09	25.86	<=33.01	Pass
		8	0	22.04	3.09	25.13	<=33.01	Pass
			4	22.03	3.09	25.12	<=33.01	Pass
			7	21.96	3.09	25.05	<=33.01	Pass
		15	0	21.97	3.09	25.06	<=33.01	Pass
	1882.5	1	0	22.87	3.09	25.96	<=33.01	Pass
			7	22.98	3.09	26.07	<=33.01	Pass
			14	22.81	3.09	25.90	<=33.01	Pass
		8	0	22.06	3.09	25.15	<=33.01	Pass
			4	22.07	3.09	25.16	<=33.01	Pass
			7	22.01	3.09	25.10	<=33.01	Pass
	15	0	22.00	3.09	25.09	<=33.01	Pass	
	1913.5	1	0	22.80	3.09	25.89	<=33.01	Pass
			7	22.89	3.09	25.98	<=33.01	Pass
			14	22.81	3.09	25.90	<=33.01	Pass
		8	0	22.02	3.09	25.11	<=33.01	Pass
			4	22.05	3.09	25.14	<=33.01	Pass
			7	21.99	3.09	25.08	<=33.01	Pass
		15	0	22.00	3.09	25.09	<=33.01	Pass
16QAM	1851.5	1	0	22.34	3.09	25.43	<=33.01	Pass
			7	22.48	3.09	25.57	<=33.01	Pass
			14	22.27	3.09	25.36	<=33.01	Pass
		8	0	21.18	3.09	24.27	<=33.01	Pass
			4	21.21	3.09	24.30	<=33.01	Pass
			7	21.16	3.09	24.25	<=33.01	Pass
		15	0	21.07	3.09	24.16	<=33.01	Pass
	1882.5	1	0	21.88	3.09	24.97	<=33.01	Pass
			7	22.02	3.09	25.11	<=33.01	Pass
			14	21.88	3.09	24.97	<=33.01	Pass
		8	0	21.15	3.09	24.24	<=33.01	Pass
			4	21.18	3.09	24.27	<=33.01	Pass
			7	21.08	3.09	24.17	<=33.01	Pass
	15	0	21.06	3.09	24.15	<=33.01	Pass	
	1913.5	1	0	21.91	3.09	25.00	<=33.01	Pass
			7	22.09	3.09	25.18	<=33.01	Pass
			14	21.94	3.09	25.03	<=33.01	Pass
		8	0	21.04	3.09	24.13	<=33.01	Pass
4			21.07	3.09	24.16	<=33.01	Pass	
7			20.99	3.09	24.08	<=33.01	Pass	
15		0	20.99	3.09	24.08	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B25_5MHz_EIRP

1.3.1 Test Result

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	23.11	3.09	26.20	<=33.01	Pass	
			13	23.16	3.09	26.25	<=33.01	Pass	
			24	23.06	3.09	26.15	<=33.01	Pass	
		12	0	22.09	3.09	25.18	<=33.01	Pass	
			6	22.11	3.09	25.20	<=33.01	Pass	
			13	22.05	3.09	25.14	<=33.01	Pass	
		25	0	22.06	3.09	25.15	<=33.01	Pass	
		1882.5	1	0	23.11	3.09	26.20	<=33.01	Pass
				13	23.24	3.09	26.33	<=33.01	Pass
	24			23.09	3.09	26.18	<=33.01	Pass	
	12		0	22.17	3.09	25.26	<=33.01	Pass	
			6	22.15	3.09	25.24	<=33.01	Pass	
			13	22.05	3.09	25.14	<=33.01	Pass	
	25		0	22.10	3.09	25.19	<=33.01	Pass	
	1912.5		1	0	23.00	3.09	26.09	<=33.01	Pass
				13	23.18	3.09	26.27	<=33.01	Pass
		24		23.04	3.09	26.13	<=33.01	Pass	
		12	0	22.22	3.09	25.31	<=33.01	Pass	
			6	22.13	3.09	25.22	<=33.01	Pass	
			13	22.11	3.09	25.20	<=33.01	Pass	
		25	0	22.15	3.09	25.24	<=33.01	Pass	
16QAM		1852.5	1	0	22.15	3.09	25.24	<=33.01	Pass
				13	22.35	3.09	25.44	<=33.01	Pass
	24			22.19	3.09	25.28	<=33.01	Pass	
	12		0	21.11	3.09	24.20	<=33.01	Pass	
			6	21.10	3.09	24.19	<=33.01	Pass	
			13	21.07	3.09	24.16	<=33.01	Pass	
	25		0	21.15	3.09	24.24	<=33.01	Pass	
	1882.5		1	0	22.35	3.09	25.44	<=33.01	Pass
				13	22.46	3.09	25.55	<=33.01	Pass
		24		22.36	3.09	25.45	<=33.01	Pass	
		12	0	21.20	3.09	24.29	<=33.01	Pass	
			6	21.23	3.09	24.32	<=33.01	Pass	
			13	21.05	3.09	24.14	<=33.01	Pass	
	25	0	21.15	3.09	24.24	<=33.01	Pass		
	1912.5	1	0	21.91	3.09	25.00	<=33.01	Pass	
			13	22.07	3.09	25.16	<=33.01	Pass	
			24	21.98	3.09	25.07	<=33.01	Pass	
		12	0	21.19	3.09	24.28	<=33.01	Pass	
			6	21.15	3.09	24.24	<=33.01	Pass	
			13	21.13	3.09	24.22	<=33.01	Pass	
		25	0	21.18	3.09	24.27	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B25_10MHz_EIRP

1.4.1 Test Result

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	23.11	3.09	26.20	<=33.01	Pass
			25	23.14	3.09	26.23	<=33.01	Pass
			49	23.15	3.09	26.24	<=33.01	Pass
		25	0	22.12	3.09	25.21	<=33.01	Pass
			13	22.17	3.09	25.26	<=33.01	Pass
			25	22.14	3.09	25.23	<=33.01	Pass



	1882.5	1	50	0	22.22	3.09	25.31	<=33.01	Pass
			25	0	23.20	3.09	26.29	<=33.01	Pass
				25	23.24	3.09	26.33	<=33.01	Pass
				49	23.15	3.09	26.24	<=33.01	Pass
		25	50	0	22.15	3.09	25.24	<=33.01	Pass
				13	22.22	3.09	25.31	<=33.01	Pass
				25	22.01	3.09	25.10	<=33.01	Pass
		1910	1	0	22.10	3.09	25.19	<=33.01	Pass
				25	23.04	3.09	26.13	<=33.01	Pass
				49	23.16	3.09	26.25	<=33.01	Pass
			25	0	23.07	3.09	26.16	<=33.01	Pass
				0	22.32	3.09	25.41	<=33.01	Pass
				13	22.14	3.09	25.23	<=33.01	Pass
				25	21.98	3.09	25.07	<=33.01	Pass
			50	0	22.13	3.09	25.22	<=33.01	Pass
16QAM	1855	1	50	0	22.62	3.09	25.71	<=33.01	Pass
				25	22.72	3.09	25.81	<=33.01	Pass
				49	22.75	3.09	25.84	<=33.01	Pass
		25	50	0	21.25	3.09	24.34	<=33.01	Pass
				13	21.22	3.09	24.31	<=33.01	Pass
				25	21.24	3.09	24.33	<=33.01	Pass
		1882.5	1	0	21.27	3.09	24.36	<=33.01	Pass
				0	22.13	3.09	25.22	<=33.01	Pass
				25	22.23	3.09	25.32	<=33.01	Pass
			25	49	22.15	3.09	25.24	<=33.01	Pass
				0	21.26	3.09	24.35	<=33.01	Pass
				13	21.31	3.09	24.40	<=33.01	Pass
				25	21.12	3.09	24.21	<=33.01	Pass
			50	0	21.13	3.09	24.22	<=33.01	Pass
	1910	1	50	0	22.20	3.09	25.29	<=33.01	Pass
				25	22.31	3.09	25.40	<=33.01	Pass
				49	22.27	3.09	25.36	<=33.01	Pass
		25	50	0	21.27	3.09	24.36	<=33.01	Pass
				13	21.19	3.09	24.28	<=33.01	Pass
				25	21.04	3.09	24.13	<=33.01	Pass
			50	0	21.18	3.09	24.27	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B25_15MHz_EIRP

1.5.1 Test Result

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	23.04	3.09	26.13	<=33.01	Pass
			38	23.19	3.09	26.28	<=33.01	Pass
			74	23.12	3.09	26.21	<=33.01	Pass
		36	0	22.11	3.09	25.20	<=33.01	Pass
			18	22.18	3.09	25.27	<=33.01	Pass
			39	22.22	3.09	25.31	<=33.01	Pass
	1882.5	75	0	22.19	3.09	25.28	<=33.01	Pass
		1	0	23.14	3.09	26.23	<=33.01	Pass
			38	23.21	3.09	26.30	<=33.01	Pass
			74	23.06	3.09	26.15	<=33.01	Pass
		36	0	22.17	3.09	25.26	<=33.01	Pass
			18	22.17	3.09	25.26	<=33.01	Pass



			39	21.98	3.09	25.07	<=33.01	Pass		
		75	0	22.11	3.09	25.20	<=33.01	Pass		
	1907.5	1		0	22.99	3.09	26.08	<=33.01	Pass	
				38	23.10	3.09	26.19	<=33.01	Pass	
				74	23.06	3.09	26.15	<=33.01	Pass	
				0	21.96	3.09	25.05	<=33.01	Pass	
		36		18	22.12	3.09	25.21	<=33.01	Pass	
				39	21.86	3.09	24.95	<=33.01	Pass	
			75	0	21.97	3.09	25.06	<=33.01	Pass	
16QAM	1857.5	1		0	22.55	3.09	25.64	<=33.01	Pass	
				38	22.80	3.09	25.89	<=33.01	Pass	
				74	22.78	3.09	25.87	<=33.01	Pass	
		36		0	21.17	3.09	24.26	<=33.01	Pass	
				18	21.23	3.09	24.32	<=33.01	Pass	
				39	21.25	3.09	24.34	<=33.01	Pass	
			75	0	21.21	3.09	24.30	<=33.01	Pass	
		1882.5	1		0	22.50	3.09	25.59	<=33.01	Pass
					38	22.62	3.09	25.71	<=33.01	Pass
					74	22.53	3.09	25.62	<=33.01	Pass
	36			0	21.14	3.09	24.23	<=33.01	Pass	
				18	21.14	3.09	24.23	<=33.01	Pass	
				39	21.03	3.09	24.12	<=33.01	Pass	
			75	0	21.09	3.09	24.18	<=33.01	Pass	
	1907.5		1		0	22.13	3.09	25.22	<=33.01	Pass
				38	22.27	3.09	25.36	<=33.01	Pass	
				74	22.25	3.09	25.34	<=33.01	Pass	
		36		0	21.00	3.09	24.09	<=33.01	Pass	
				18	21.13	3.09	24.22	<=33.01	Pass	
				39	20.91	3.09	24.00	<=33.01	Pass	
			75	0	20.99	3.09	24.08	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B25_20MHz_EIRP

1.6.1 Test Result

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	22.96	3.09	26.05	<=33.01	Pass
			50	23.27	3.09	26.36	<=33.01	Pass
			99	23.15	3.09	26.24	<=33.01	Pass
		50	0	22.22	3.09	25.31	<=33.01	Pass
			25	22.28	3.09	25.37	<=33.01	Pass
			50	22.35	3.09	25.44	<=33.01	Pass
		100	0	22.28	3.09	25.37	<=33.01	Pass
		1	0	23.00	3.09	26.09	<=33.01	Pass
			50	23.22	3.09	26.31	<=33.01	Pass
			99	23.01	3.09	26.10	<=33.01	Pass
	1882.5	50	0	22.15	3.09	25.24	<=33.01	Pass
			25	22.20	3.09	25.29	<=33.01	Pass
			50	21.99	3.09	25.08	<=33.01	Pass
		100	0	22.06	3.09	25.15	<=33.01	Pass
	1905	1	0	22.97	3.09	26.06	<=33.01	Pass
			50	23.14	3.09	26.23	<=33.01	Pass
			99	23.04	3.09	26.13	<=33.01	Pass
		50	0	21.83	3.09	24.92	<=33.01	Pass



16QAM	1860	100	25	22.07	3.09	25.16	<=33.01	Pass
			50	21.68	3.09	24.77	<=33.01	Pass
			0	21.74	3.09	24.83	<=33.01	Pass
		1	0	22.24	3.09	25.33	<=33.01	Pass
			50	22.59	3.09	25.68	<=33.01	Pass
			99	22.45	3.09	25.54	<=33.01	Pass
		50	0	21.22	3.09	24.31	<=33.01	Pass
			25	21.31	3.09	24.40	<=33.01	Pass
			50	21.40	3.09	24.49	<=33.01	Pass
		100	0	21.32	3.09	24.41	<=33.01	Pass
	1882.5	1	0	22.54	3.09	25.63	<=33.01	Pass
			50	22.79	3.09	25.88	<=33.01	Pass
			99	22.59	3.09	25.68	<=33.01	Pass
		50	0	21.18	3.09	24.27	<=33.01	Pass
			25	21.20	3.09	24.29	<=33.01	Pass
			50	21.00	3.09	24.09	<=33.01	Pass
		100	0	21.06	3.09	24.15	<=33.01	Pass
	1905	1	0	22.16	3.09	25.25	<=33.01	Pass
			50	22.36	3.09	25.45	<=33.01	Pass
			99	22.21	3.09	25.30	<=33.01	Pass
		50	0	20.83	3.09	23.92	<=33.01	Pass
			25	21.11	3.09	24.20	<=33.01	Pass
			50	20.64	3.09	23.73	<=33.01	Pass
		100	0	20.78	3.09	23.87	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

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	9.813	0.0053	-2.5 to 2.5	Pass
					3.85	-14.677	-0.0079	-2.5 to 2.5	Pass
					4.43	22.273	0.0120	-2.5 to 2.5	Pass
				-30	3.85	5.221	0.0028	-2.5 to 2.5	Pass
				-20	3.85	9.155	0.0049	-2.5 to 2.5	Pass
				-10	3.85	-13.146	-0.0071	-2.5 to 2.5	Pass
				0	3.85	3.676	0.0020	-2.5 to 2.5	Pass
				10	3.85	12.331	0.0067	-2.5 to 2.5	Pass
				30	3.85	4.363	0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.758	0.0004	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	8.483	0.0045	-2.5 to 2.5	Pass
					3.85	1.588	0.0008	-2.5 to 2.5	Pass
					4.43	7.825	0.0042	-2.5 to 2.5	Pass
				-30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-20	3.85	7.925	0.0042	-2.5 to 2.5	Pass
				-10	3.85	5.021	0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				10	3.85	9.241	0.0049	-2.5 to 2.5	Pass
				30	3.85	-9.212	-0.0049	-2.5 to 2.5	Pass
				40	3.85	2.003	0.0011	-2.5 to 2.5	Pass



	1914.3	6	0	50	3.85	-10.128	-0.0054	-2.5 to 2.5	Pass
				20	3.27	2.618	0.0014	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0036	-2.5 to 2.5	Pass
					4.43	-8.769	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				-20	3.85	12.102	0.0063	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				10	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				30	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				50	3.85	6.723	0.0035	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-3.462	-0.0019	-2.5 to 2.5	Pass
					3.85	-9.041	-0.0049	-2.5 to 2.5	Pass
					4.43	-2.847	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.847	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	6.366	0.0034	-2.5 to 2.5	Pass
				-20	3.85	7.539	0.0041	-2.5 to 2.5	Pass
				-10	3.85	5.064	0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-6.480	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-10.500	-0.0057	-2.5 to 2.5	Pass
				40	3.85	13.032	0.0070	-2.5 to 2.5	Pass
				50	3.85	8.669	0.0047	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	11.830	0.0063	-2.5 to 2.5	Pass
					3.85	-9.513	-0.0051	-2.5 to 2.5	Pass
					4.43	-15.006	-0.0080	-2.5 to 2.5	Pass
					4.43	-15.006	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-19.083	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-10.428	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-9.770	-0.0052	-2.5 to 2.5	Pass
				10	3.85	16.823	0.0089	-2.5 to 2.5	Pass
				30	3.85	20.299	0.0108	-2.5 to 2.5	Pass
				40	3.85	-8.869	-0.0047	-2.5 to 2.5	Pass
				50	3.85	11.401	0.0061	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-0.801	-0.0004	-2.5 to 2.5	Pass
					3.85	8.984	0.0047	-2.5 to 2.5	Pass
					4.43	5.107	0.0027	-2.5 to 2.5	Pass
					4.43	5.107	0.0027	-2.5 to 2.5	Pass
				-30	3.85	16.222	0.0085	-2.5 to 2.5	Pass
				-20	3.85	-8.912	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0016	-2.5 to 2.5	Pass
				30	3.85	7.782	0.0041	-2.5 to 2.5	Pass
				40	3.85	-10.872	-0.0057	-2.5 to 2.5	Pass
				50	3.85	6.237	0.0033	-2.5 to 2.5	Pass

2.2 B25_3MHz

2.2.1 Test Result

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	-9.842	-0.0053	-2.5 to 2.5	Pass
					3.85	4.549	0.0025	-2.5 to 2.5	Pass
					4.43	-13.647	-0.0074	-2.5 to 2.5	Pass
					4.43	-13.647	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	9.456	0.0051	-2.5 to 2.5	Pass



				-20	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				0	3.85	10.400	0.0056	-2.5 to 2.5	Pass
				10	3.85	2.904	0.0016	-2.5 to 2.5	Pass
				30	3.85	7.939	0.0043	-2.5 to 2.5	Pass
				40	3.85	-9.570	-0.0052	-2.5 to 2.5	Pass
				50	3.85	8.912	0.0048	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	10.600	0.0056	-2.5 to 2.5	Pass
					3.85	-14.277	-0.0076	-2.5 to 2.5	Pass
					4.43	-1.802	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-16.937	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-19.283	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0016	-2.5 to 2.5	Pass
				10	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				30	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				1913.5	15	0	20	3.27	-4.005
	3.85	3.605	0.0019					-2.5 to 2.5	Pass
	4.43	-3.777	-0.0020					-2.5 to 2.5	Pass
	-30	3.85	3.762				0.0020	-2.5 to 2.5	Pass
	-20	3.85	-4.392				-0.0023	-2.5 to 2.5	Pass
	-10	3.85	7.510				0.0039	-2.5 to 2.5	Pass
	0	3.85	6.180				0.0032	-2.5 to 2.5	Pass
	10	3.85	2.346				0.0012	-2.5 to 2.5	Pass
	30	3.85	-9.055				-0.0047	-2.5 to 2.5	Pass
	40	3.85	-1.774				-0.0009	-2.5 to 2.5	Pass
	50	3.85	4.420				0.0023	-2.5 to 2.5	Pass
	16QAM	1851.5	15	0	20	3.27	-20.170	-0.0109	-2.5 to 2.5
3.85						3.777	0.0020	-2.5 to 2.5	Pass
4.43						-10.600	-0.0057	-2.5 to 2.5	Pass
-30					3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
-20					3.85	-14.534	-0.0078	-2.5 to 2.5	Pass
-10					3.85	12.774	0.0069	-2.5 to 2.5	Pass
0					3.85	6.652	0.0036	-2.5 to 2.5	Pass
10					3.85	-12.546	-0.0068	-2.5 to 2.5	Pass
30					3.85	-18.940	-0.0102	-2.5 to 2.5	Pass
40					3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
50					3.85	7.625	0.0041	-2.5 to 2.5	Pass
1882.5					15	0	20	3.27	-5.708
		3.85	-14.133	-0.0075				-2.5 to 2.5	Pass
		4.43	-6.208	-0.0033				-2.5 to 2.5	Pass
		-30	3.85	12.002			0.0064	-2.5 to 2.5	Pass
		-20	3.85	9.942			0.0053	-2.5 to 2.5	Pass
		-10	3.85	8.984			0.0048	-2.5 to 2.5	Pass
		0	3.85	9.170			0.0049	-2.5 to 2.5	Pass
		10	3.85	4.220			0.0022	-2.5 to 2.5	Pass
		30	3.85	-11.444			-0.0061	-2.5 to 2.5	Pass
		40	3.85	12.560			0.0067	-2.5 to 2.5	Pass
		50	3.85	-0.958			-0.0005	-2.5 to 2.5	Pass
1913.5		15	0	20	3.27	15.435	0.0081	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass



				30	3.85	2.174	0.0011	-2.5 to 2.5	Pass
				40	3.85	10.271	0.0054	-2.5 to 2.5	Pass
				50	3.85	-13.661	-0.0071	-2.5 to 2.5	Pass

2.3 B25_5MHz

2.3.1 Test Result

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	-6.895	-0.0037	-2.5 to 2.5	Pass
					3.85	-11.315	-0.0061	-2.5 to 2.5	Pass
					4.43	-2.933	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.191	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-21.443	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	5.364	0.0029	-2.5 to 2.5	Pass
				0	3.85	-8.225	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				30	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-5.150	-0.0028	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	8.068	0.0043	-2.5 to 2.5	Pass
					3.85	-14.262	-0.0076	-2.5 to 2.5	Pass
					4.43	7.095	0.0038	-2.5 to 2.5	Pass
				-30	3.85	6.080	0.0032	-2.5 to 2.5	Pass
				-20	3.85	3.133	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
				10	3.85	4.821	0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-8.011	-0.0043	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-6.037	-0.0032	-2.5 to 2.5	Pass
					3.85	3.362	0.0018	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	6.752	0.0035	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				30	3.85	11.845	0.0062	-2.5 to 2.5	Pass
				40	3.85	-11.487	-0.0060	-2.5 to 2.5	Pass
				50	3.85	8.683	0.0045	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-14.491	-0.0078	-2.5 to 2.5	Pass
					3.85	8.612	0.0046	-2.5 to 2.5	Pass
					4.43	6.580	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-9.871	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-8.097	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
				0	3.85	6.623	0.0036	-2.5 to 2.5	Pass
				10	3.85	4.663	0.0025	-2.5 to 2.5	Pass
				30	3.85	-10.986	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-12.360	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-10.715	-0.0058	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-10.743	-0.0057	-2.5 to 2.5	Pass
					3.85	-7.625	-0.0041	-2.5 to 2.5	Pass



					4.43	5.064	0.0027	-2.5 to 2.5	Pass
				-30	3.85	5.393	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-11.401	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-8.712	-0.0046	-2.5 to 2.5	Pass
				40	3.85	5.121	0.0027	-2.5 to 2.5	Pass
				50	3.85	1.717	0.0009	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-4.492	-0.0023	-2.5 to 2.5	Pass
					3.85	5.622	0.0029	-2.5 to 2.5	Pass
					4.43	10.271	0.0054	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	4.020	0.0021	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0023	-2.5 to 2.5	Pass
				0	3.85	-7.110	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				30	3.85	7.410	0.0039	-2.5 to 2.5	Pass
				40	3.85	8.383	0.0044	-2.5 to 2.5	Pass
				50	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass

2.4 B25_10MHz

2.4.1 Test Result

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	-3.247	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-6.437	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.848	-0.0021	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-2.060	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0012	-2.5 to 2.5	Pass
					4.43	1.645	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-8.340	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-1.659	-0.0009	-2.5 to 2.5	Pass
					3.85	4.921	0.0026	-2.5 to 2.5	Pass
					4.43	-0.629	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.819	0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0014	-2.5 to 2.5	Pass



				10	3.85	2.747	0.0014	-2.5 to 2.5	Pass
				30	3.85	5.851	0.0031	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.574	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-0.644	-0.0003	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.176	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				0	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				10	3.85	3.891	0.0021	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	6.752	0.0035	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.448	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				50	3.85	1.431	0.0007	-2.5 to 2.5	Pass

2.5 B25_15MHz

2.5.1 Test Result

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	0.973	0.0005	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
					4.43	0.601	0.0003	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				0	3.85	-4.778	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0005	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-3.505	-0.0019	-2.5 to 2.5	Pass



					3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
					4.43	0.443	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-4.764	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-5.879	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.033	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-4.864	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-6.080	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
50	3.85	0.958	0.0005	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	1.774	0.0010	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.795	-0.0037	-2.5 to 2.5	Pass
	50	3.85	2.532	0.0014	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	1.173	0.0006	-2.5 to 2.5	Pass
					3.85	3.791	0.0020	-2.5 to 2.5	Pass
					4.43	-3.290	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				10	3.85	1.974	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0020	-2.5 to 2.5	Pass
				40	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
	50	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	-3.676	-0.0019	-2.5 to 2.5	Pass
					3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
					4.43	3.090	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-7.253	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				0	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0013	-2.5 to 2.5	Pass
30				3.85	-3.963	-0.0021	-2.5 to 2.5	Pass	
40				3.85	-3.848	-0.0020	-2.5 to 2.5	Pass	
50	3.85	0.787	0.0004	-2.5 to 2.5	Pass				

2.6 B25_20MHz



2.6.1 Test Result

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	-5.922	-0.0032	-2.5 to 2.5	Pass
					3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
					4.43	-7.496	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	4.649	0.0025	-2.5 to 2.5	Pass
				-20	3.85	5.951	0.0032	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				10	3.85	2.890	0.0016	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-2.747	-0.0015	-2.5 to 2.5	Pass
					3.85	1.144	0.0006	-2.5 to 2.5	Pass
					4.43	-3.505	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				10	3.85	5.207	0.0028	-2.5 to 2.5	Pass
				30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				50	3.85	6.452	0.0034	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-3.190	-0.0017	-2.5 to 2.5	Pass
					3.85	2.389	0.0013	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
					4.43	2.089	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				0	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-4.334	-0.0023	-2.5 to 2.5	Pass
					3.85	2.203	0.0012	-2.5 to 2.5	Pass
					4.43	1.602	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				30	3.85	2.918	0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass



				50	3.85	0.472	0.0003	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-3.304	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
					4.43	2.446	0.0013	-2.5 to 2.5	Pass
					-30	3.85	1.059	0.0006	-2.5 to 2.5
				-20	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.133	0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.774	0.0009	-2.5 to 2.5	Pass

3. Modulation Characteristics

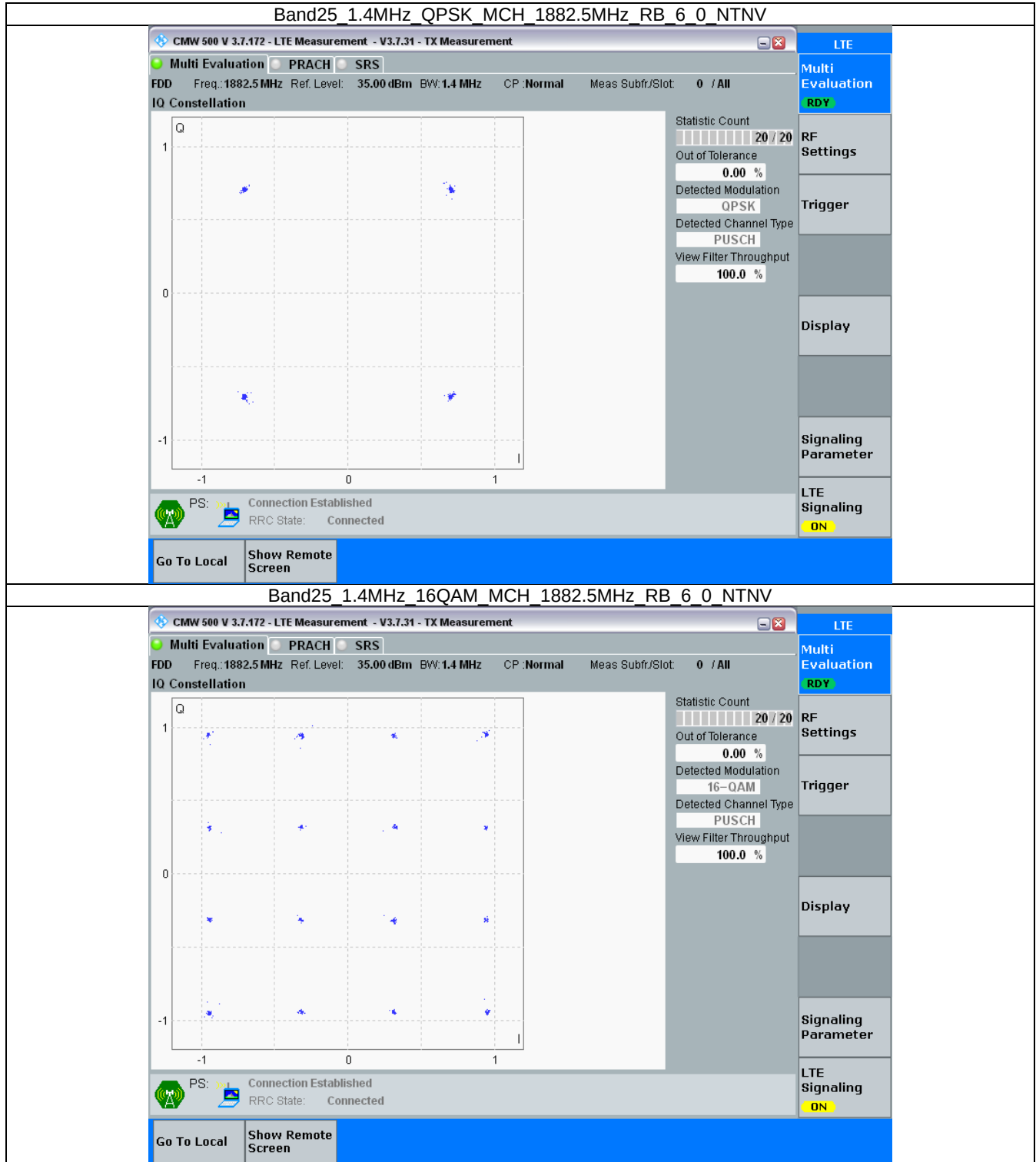
3.1 B25_1.4MHz

3.1.1 Test Result

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 Test Graph





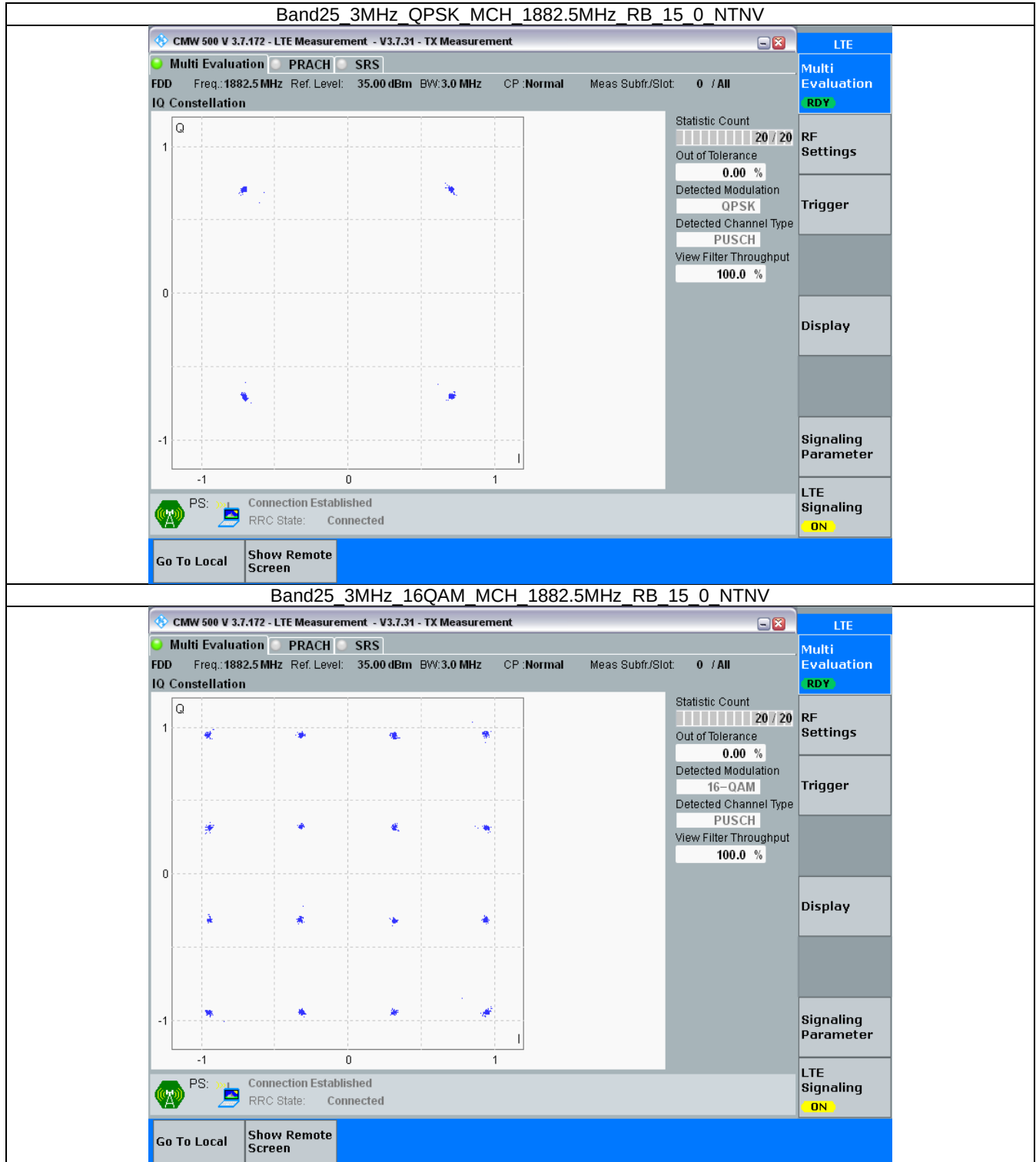
3.2 B25_3MHz

3.2.1 Test Result

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



3.2.2 Test Graph





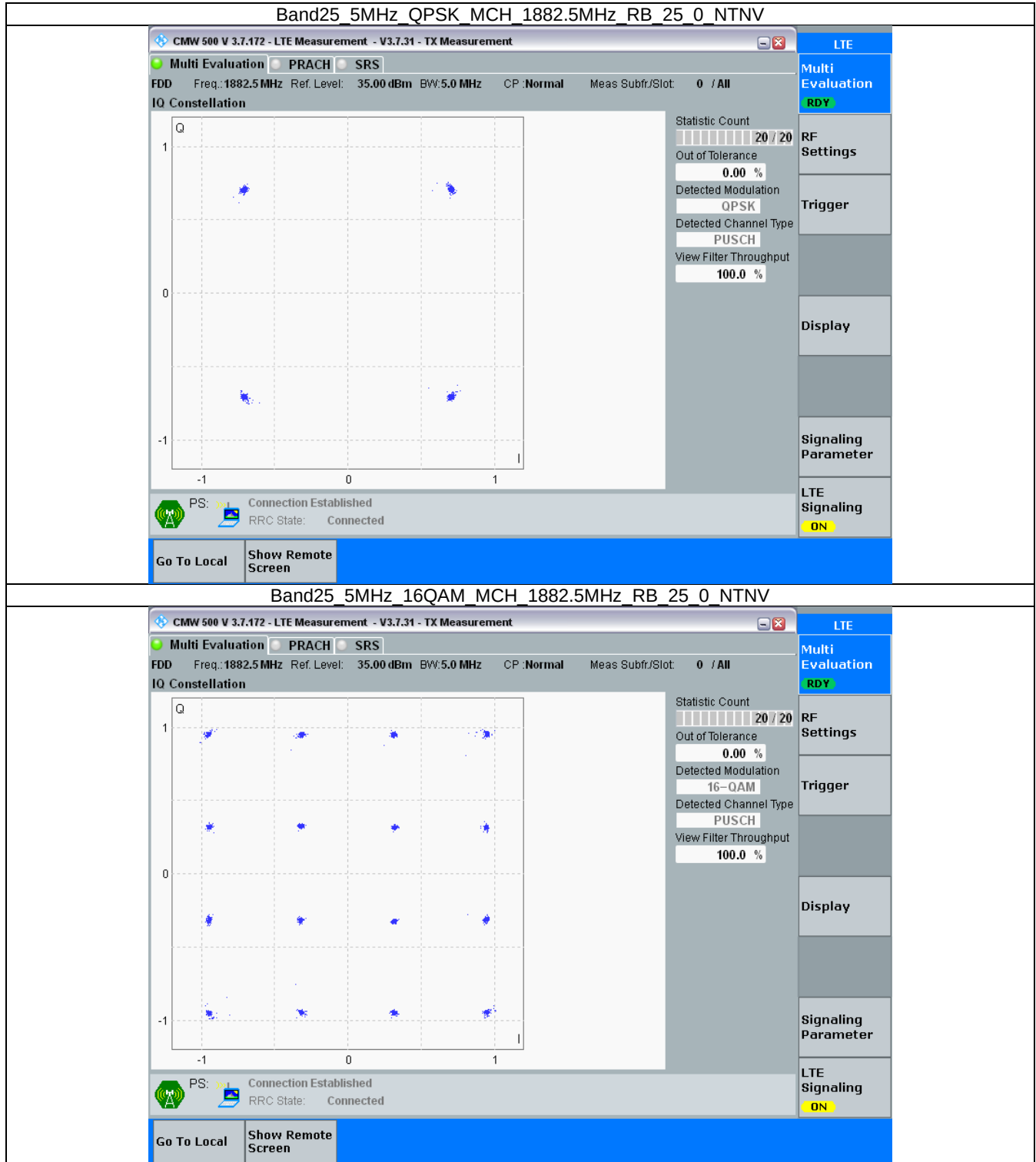
3.3 B25_5MHz

3.3.1 Test Result

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



3.3.2 Test Graph





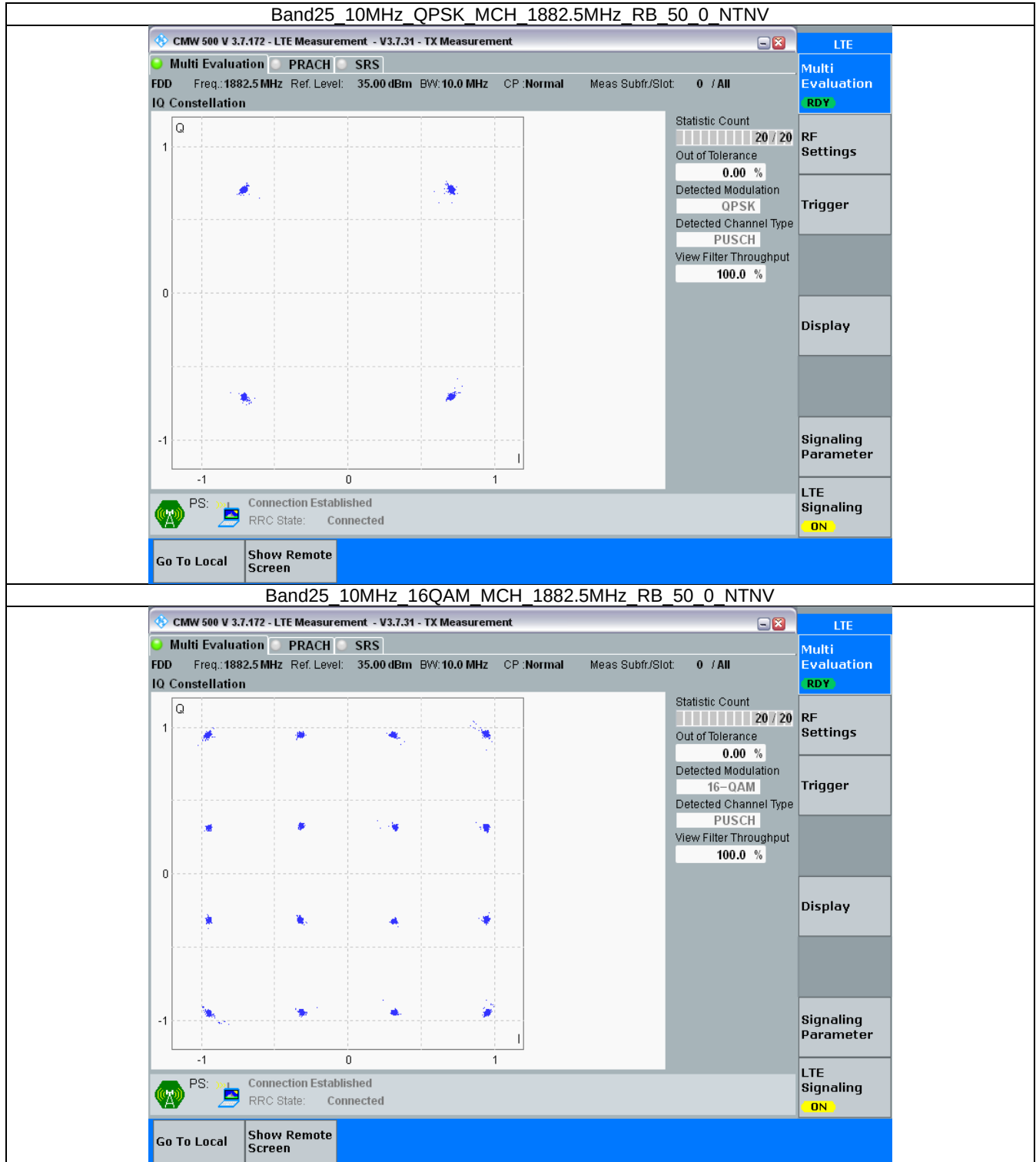
3.4 B25_10MHz

3.4.1 Test Result

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



3.4.2 Test Graph





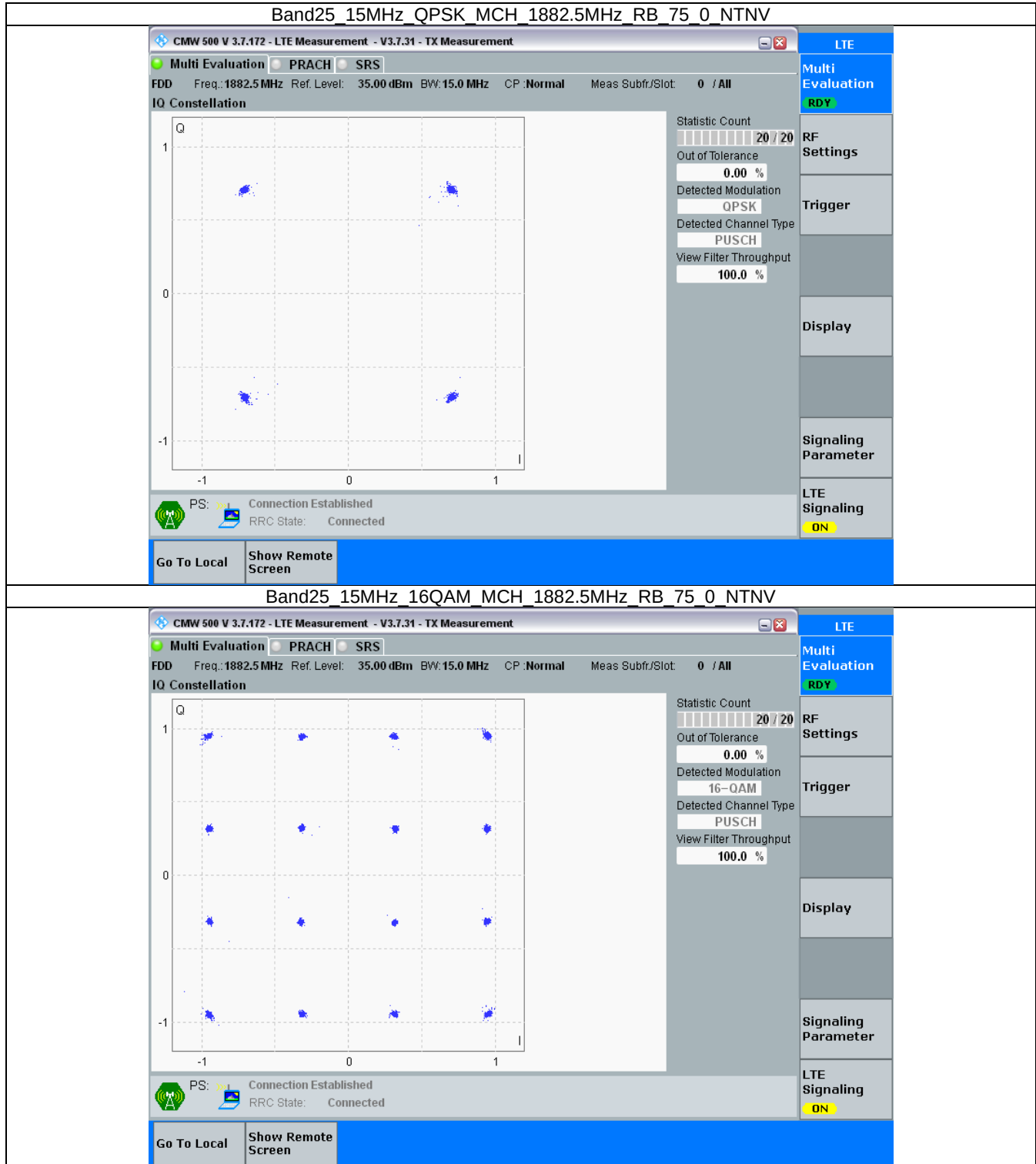
3.5 B25_15MHz

3.5.1 Test Result

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



3.5.2 Test Graph





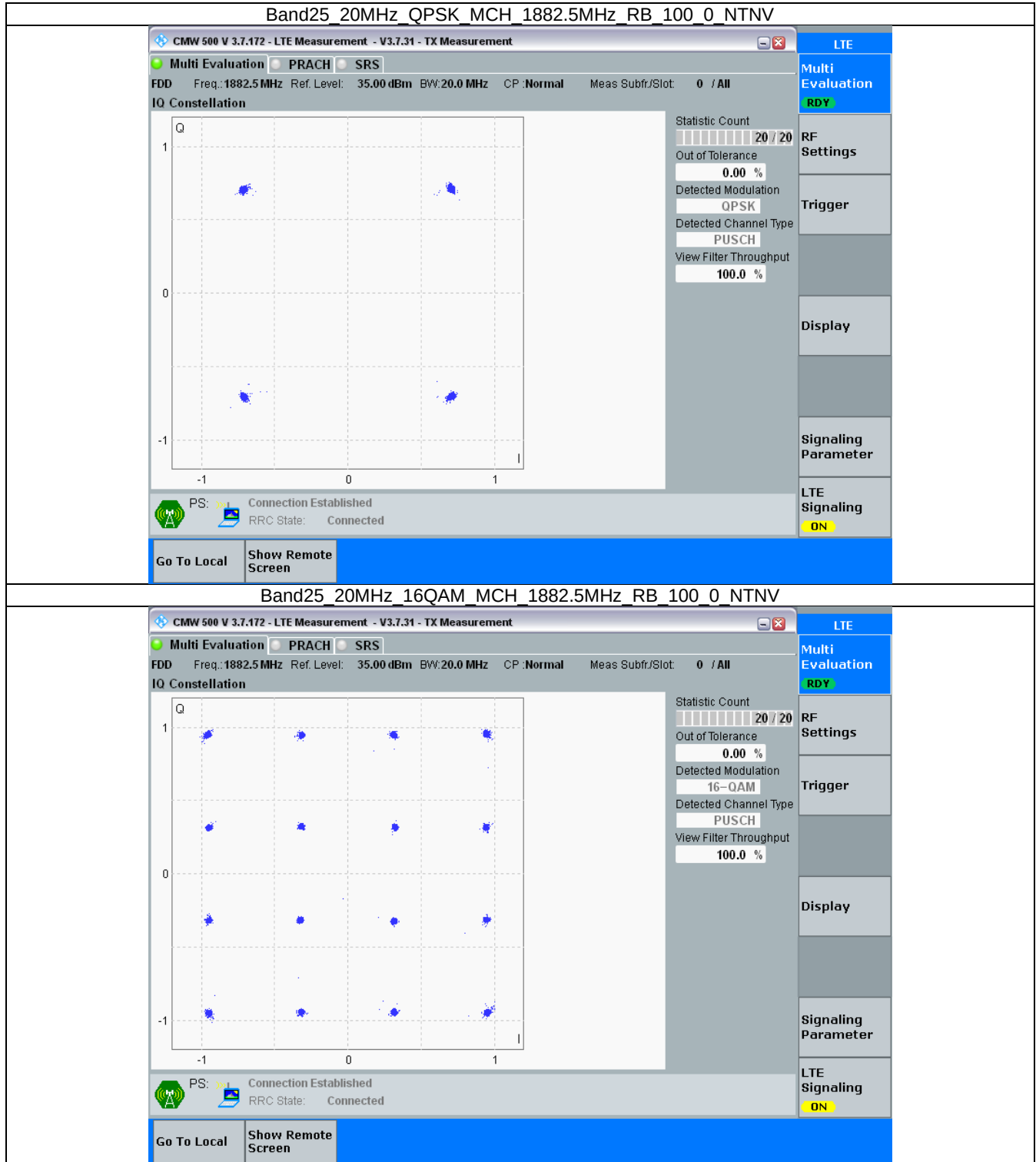
3.6 B25_20MHz

3.6.1 Test Result

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



3.6.2 Test Graph





4. 99% & 26dB Bandwidth

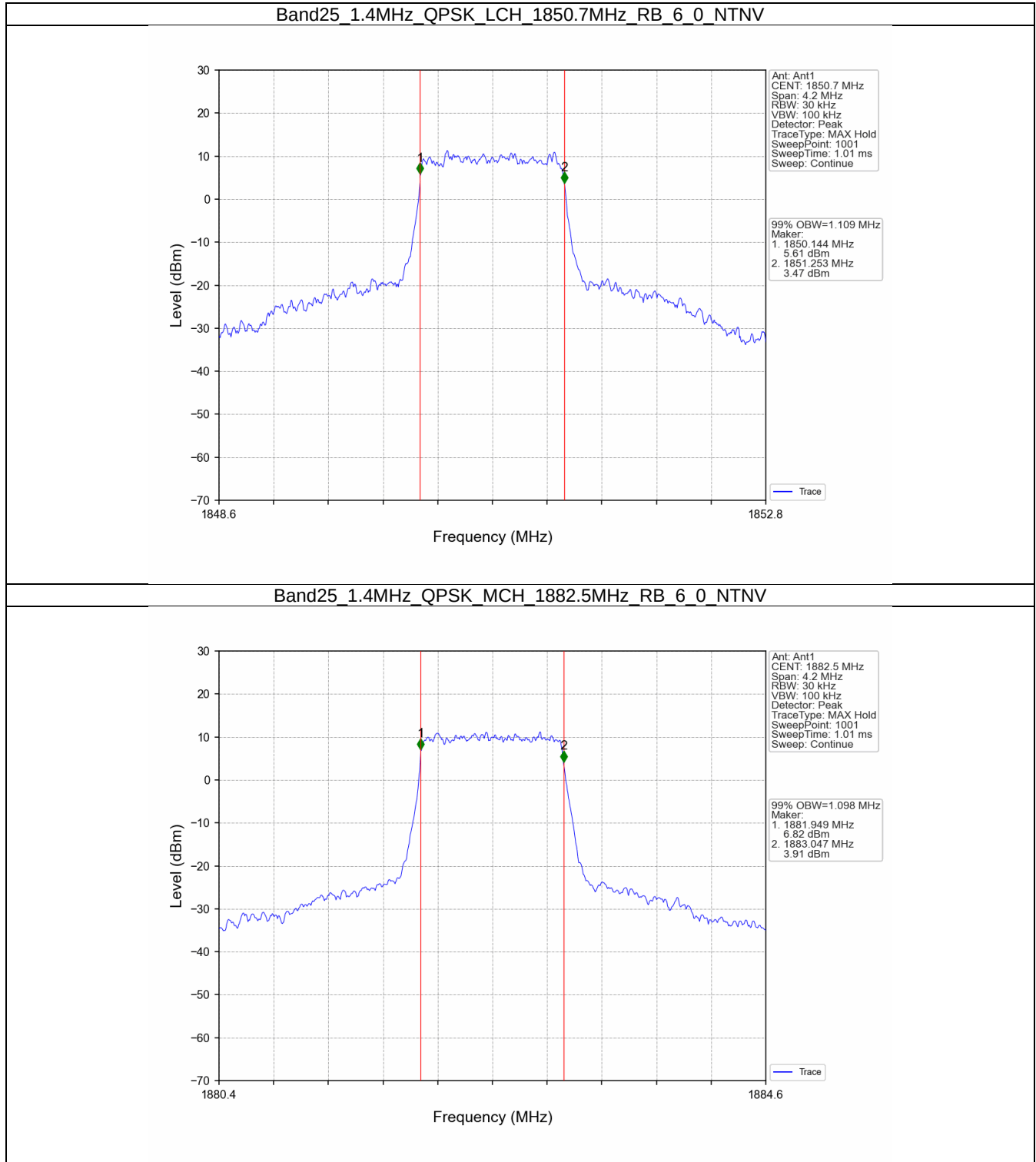
4.1 Band25_OBW

4.1.1 Test Result

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	1.109	/	Pass
		1882.5	6	0	1.098	/	Pass
		1914.3	6	0	1.101	/	Pass
	16QAM	1850.7	6	0	1.101	/	Pass
		1882.5	6	0	1.102	/	Pass
		1914.3	6	0	1.099	/	Pass
3	QPSK	1851.5	15	0	2.737	/	Pass
		1882.5	15	0	2.724	/	Pass
		1913.5	15	0	2.734	/	Pass
	16QAM	1851.5	15	0	2.733	/	Pass
		1882.5	15	0	2.724	/	Pass
		1913.5	15	0	2.731	/	Pass
5	QPSK	1852.5	25	0	4.523	/	Pass
		1882.5	25	0	4.515	/	Pass
		1912.5	25	0	4.533	/	Pass
	16QAM	1852.5	25	0	4.522	/	Pass
		1882.5	25	0	4.507	/	Pass
		1912.5	25	0	4.523	/	Pass
10	QPSK	1855	50	0	8.989	/	Pass
		1882.5	50	0	8.988	/	Pass
		1910	50	0	9.005	/	Pass
	16QAM	1855	50	0	9.031	/	Pass
		1882.5	50	0	8.938	/	Pass
		1910	50	0	8.984	/	Pass
15	QPSK	1857.5	75	0	13.540	/	Pass
		1882.5	75	0	13.424	/	Pass
		1907.5	75	0	13.425	/	Pass
	16QAM	1857.5	75	0	13.543	/	Pass
		1882.5	75	0	13.481	/	Pass
		1907.5	75	0	13.423	/	Pass
20	QPSK	1860	100	0	18.088	/	Pass
		1882.5	100	0	17.962	/	Pass
		1905	100	0	17.903	/	Pass
	16QAM	1860	100	0	18.161	/	Pass
		1882.5	100	0	17.947	/	Pass
		1905	100	0	17.852	/	Pass

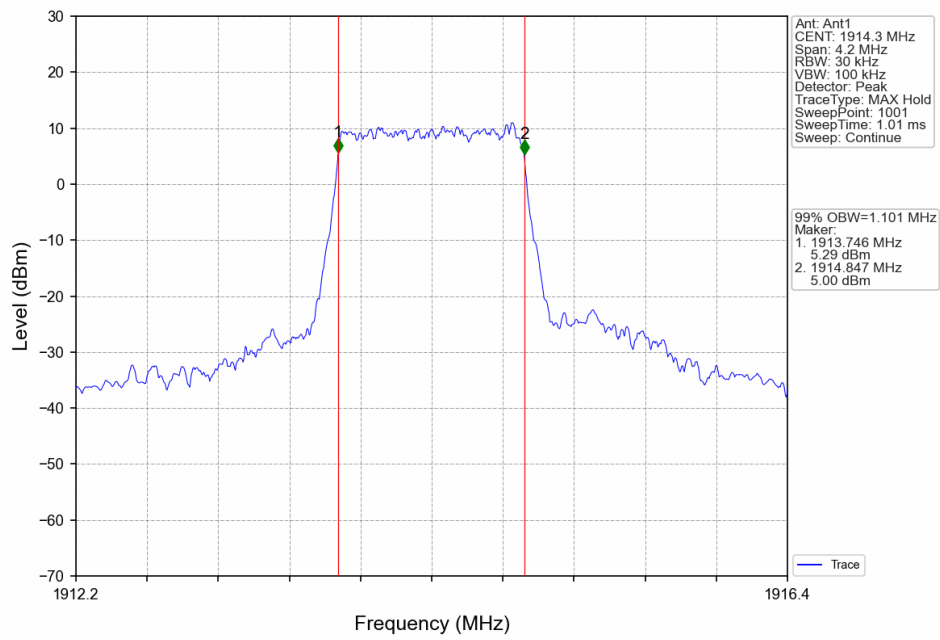


4.1.2 Test Graph

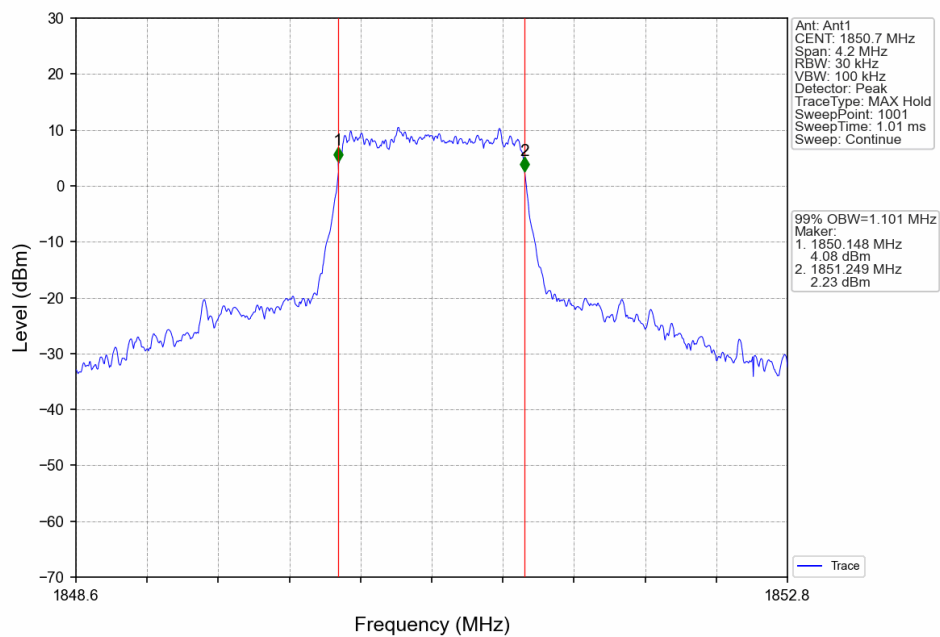




Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

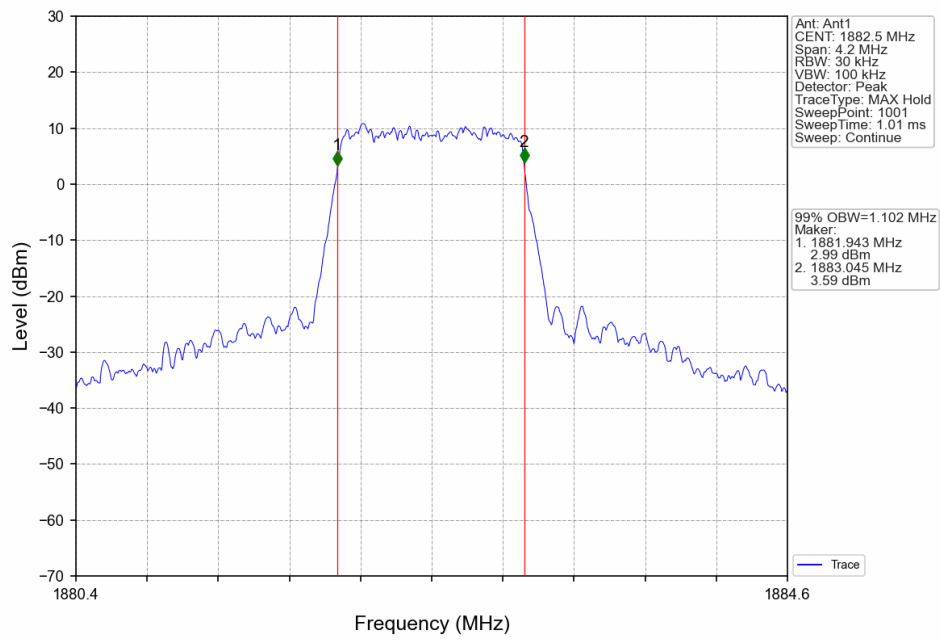


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

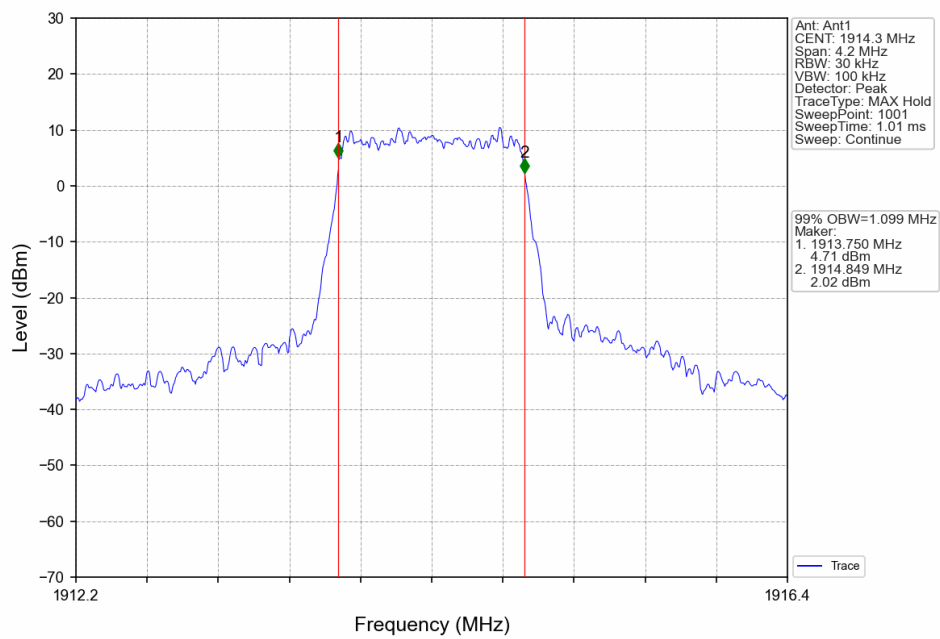




Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

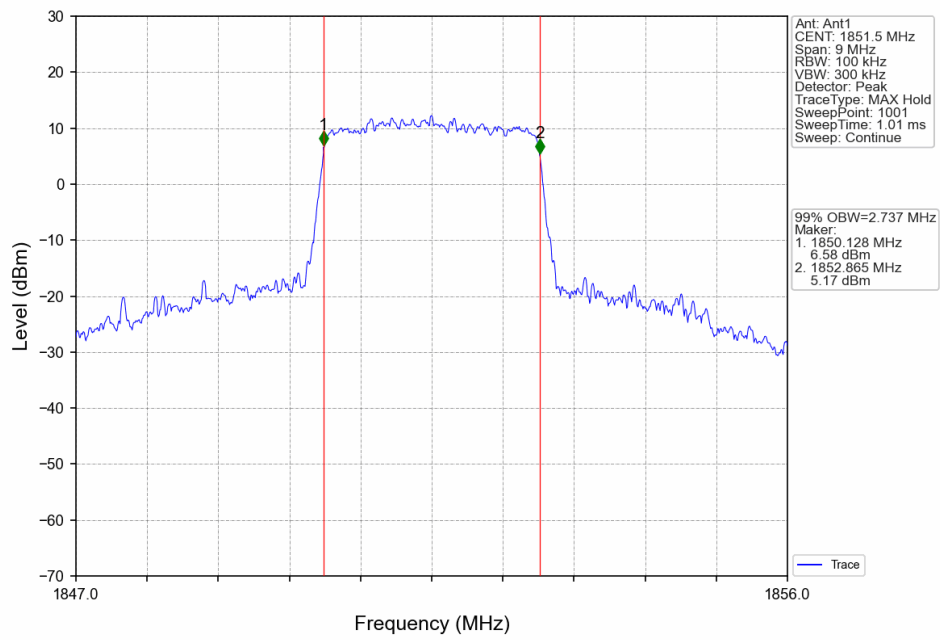


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

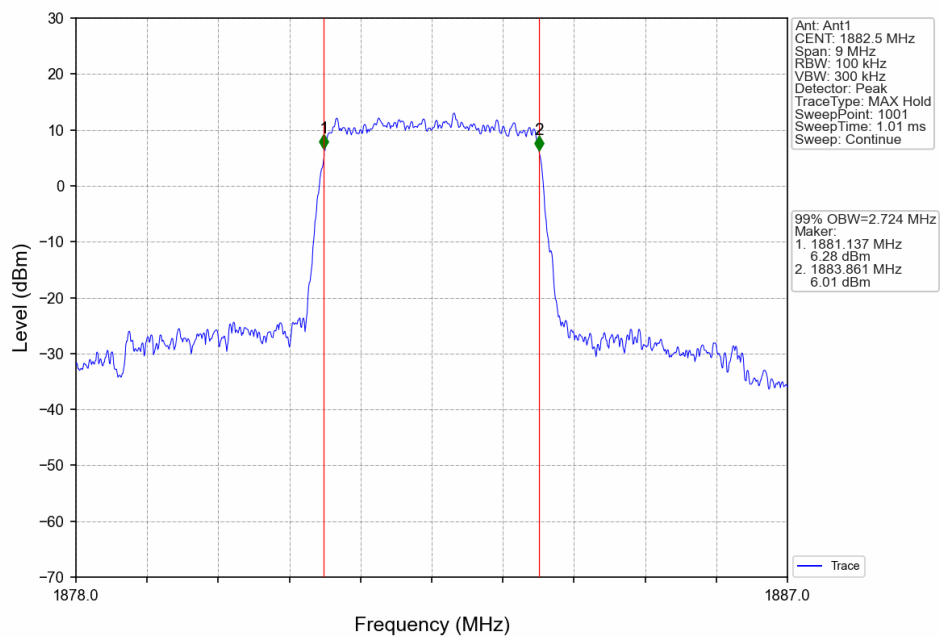




Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

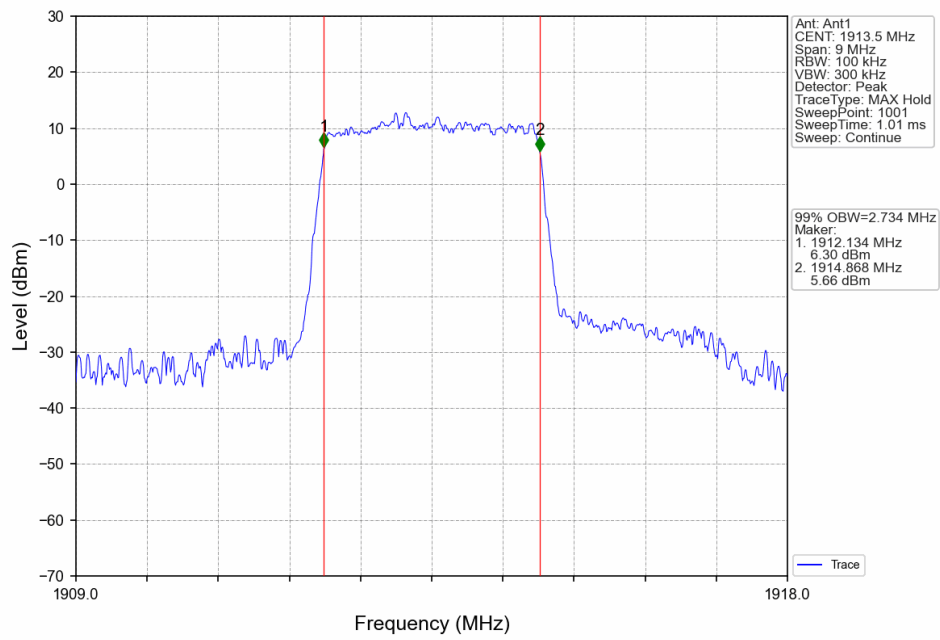


Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

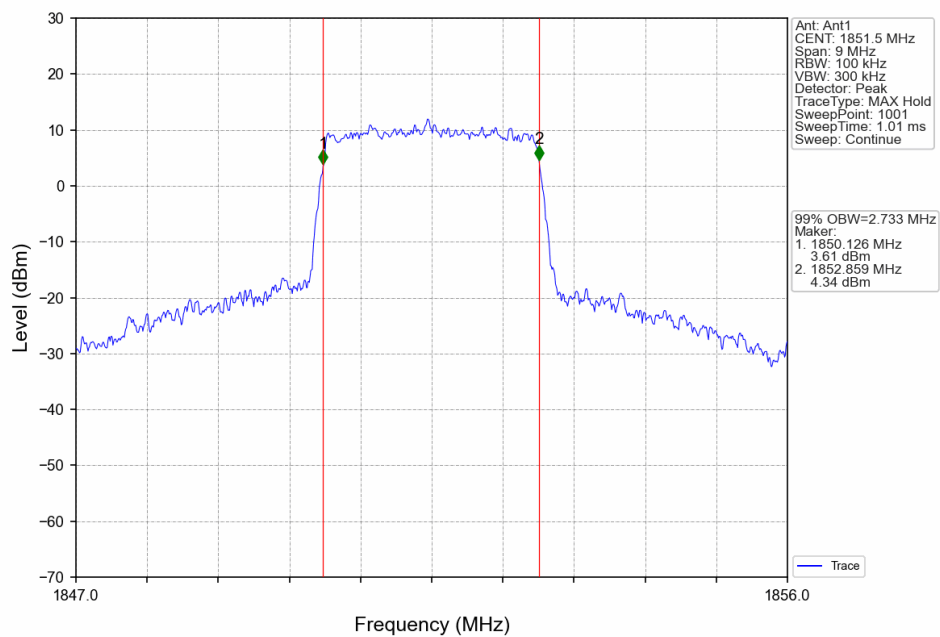




Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

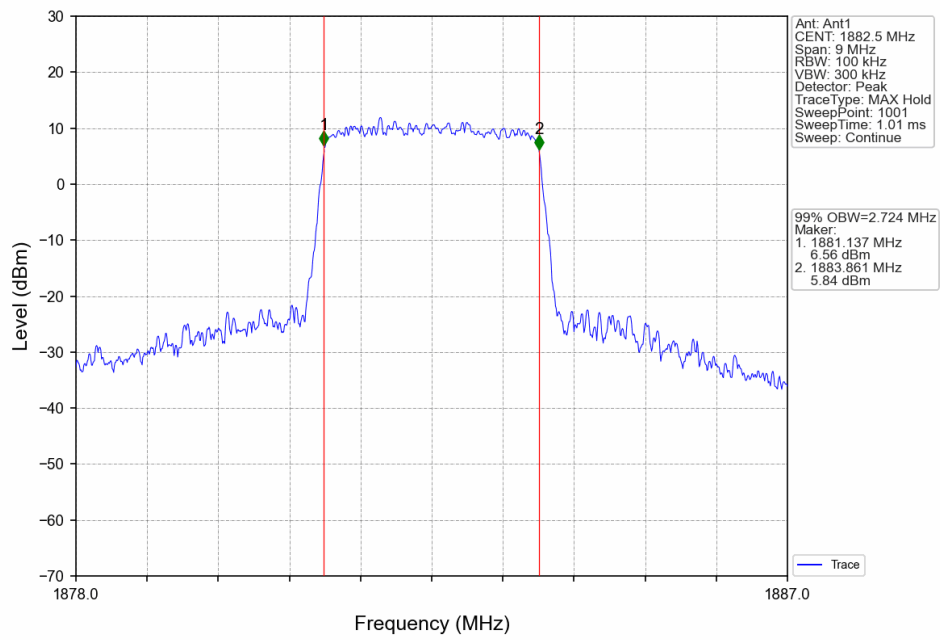


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

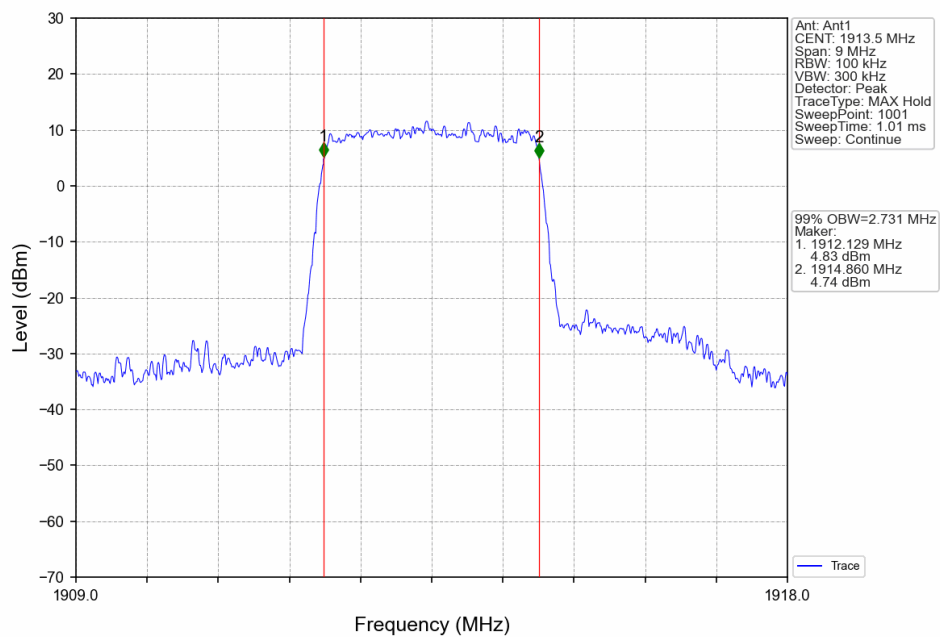




Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

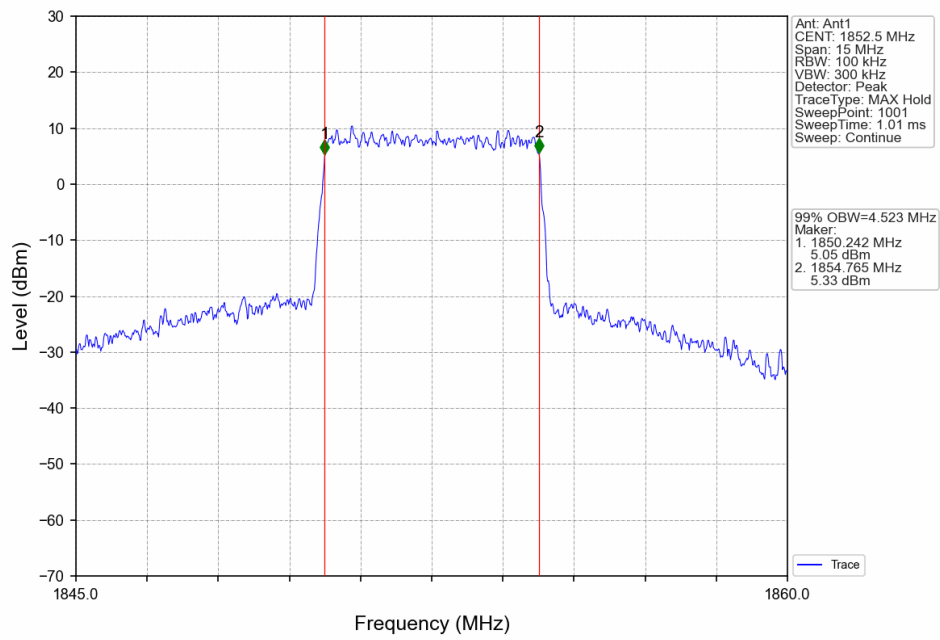


Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

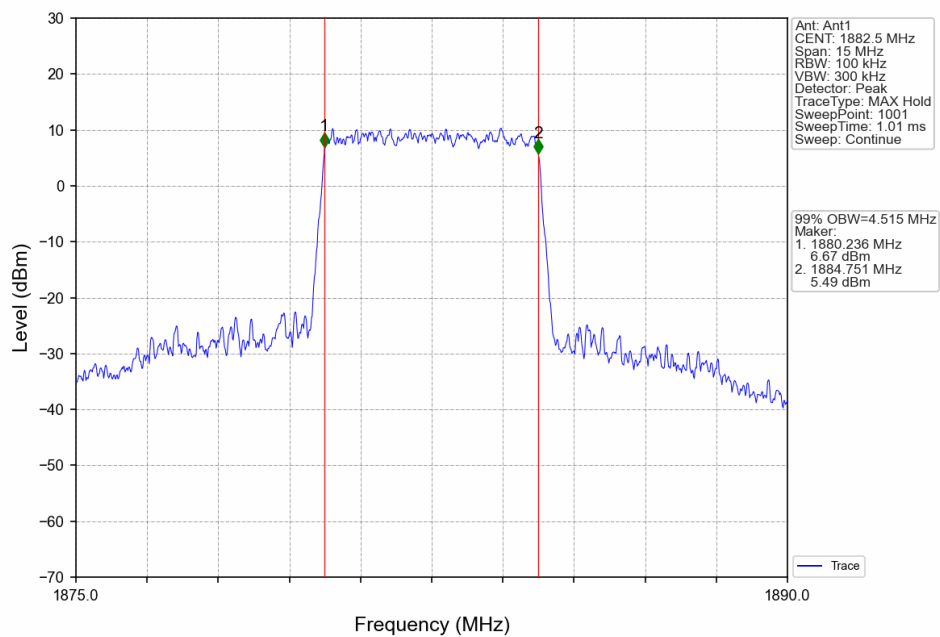




Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

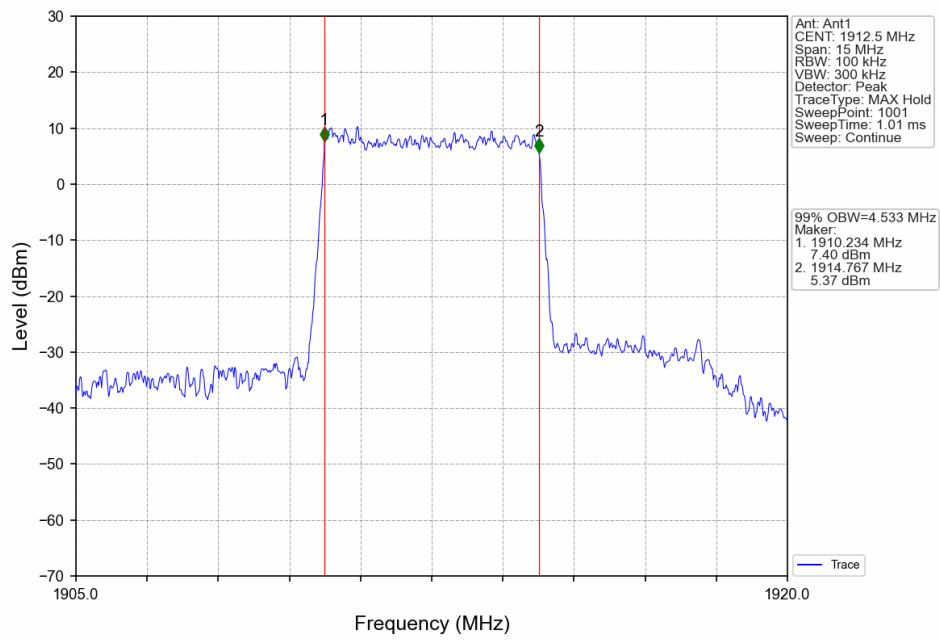


Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

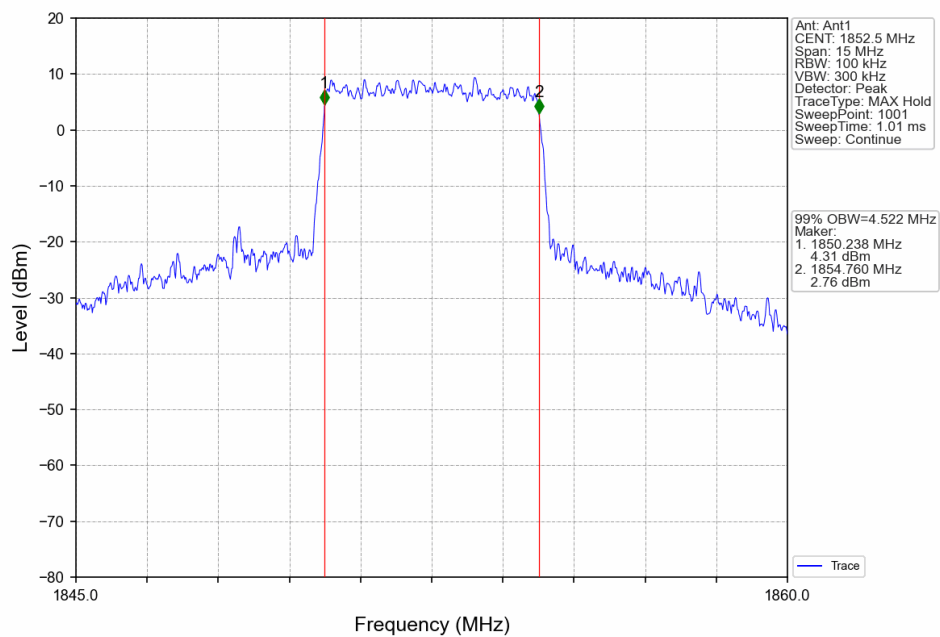




Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

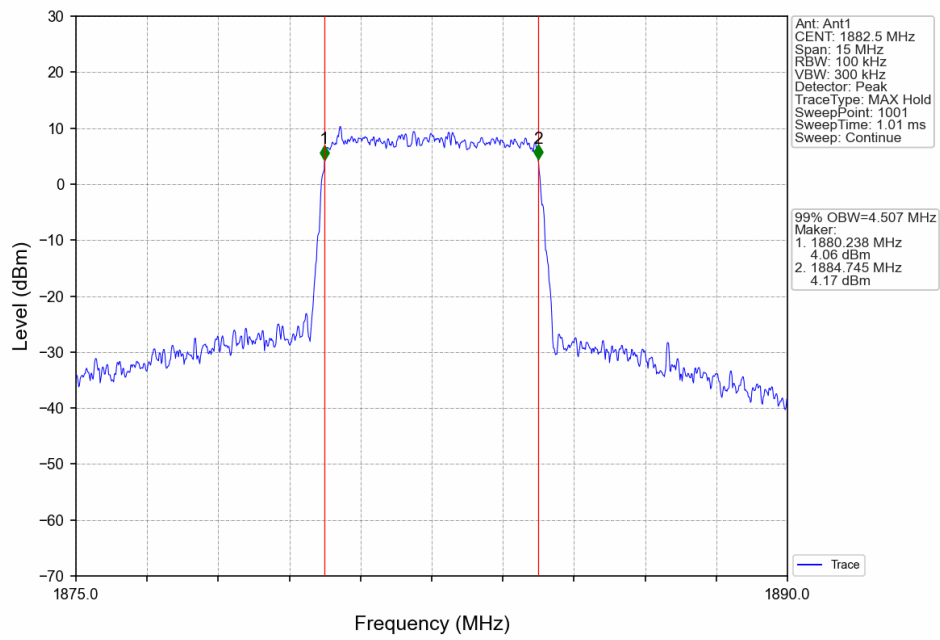


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

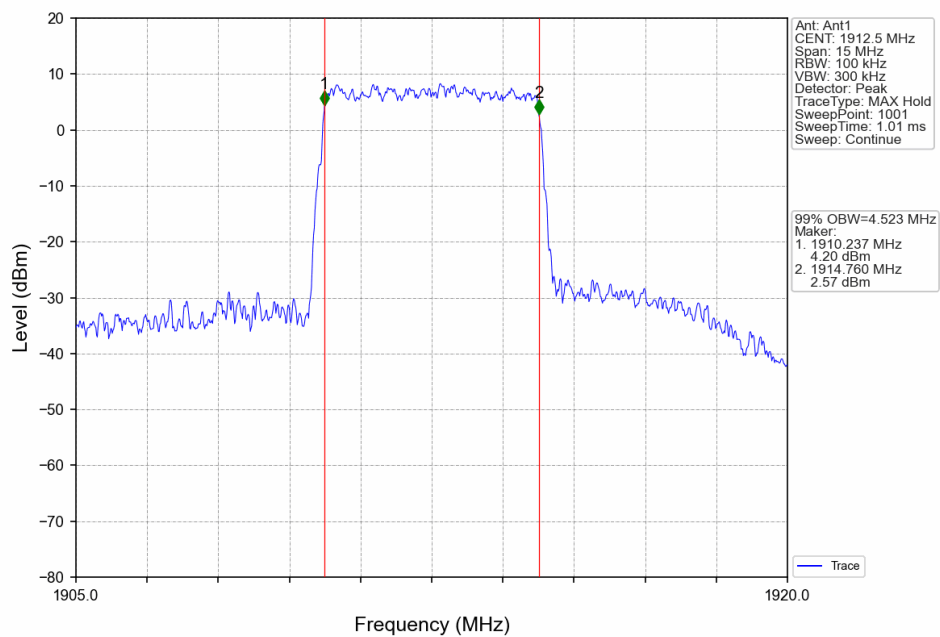




Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

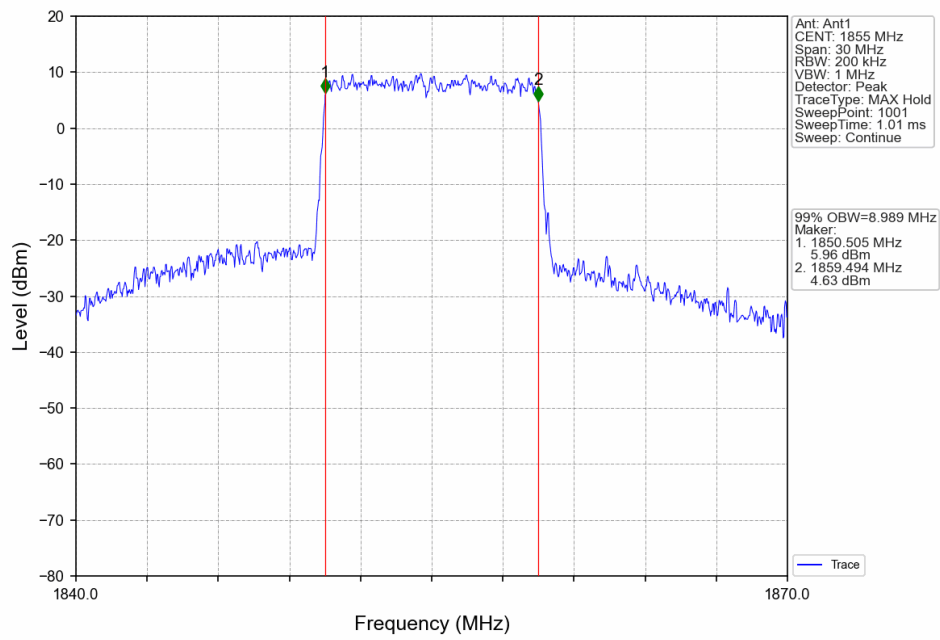


Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

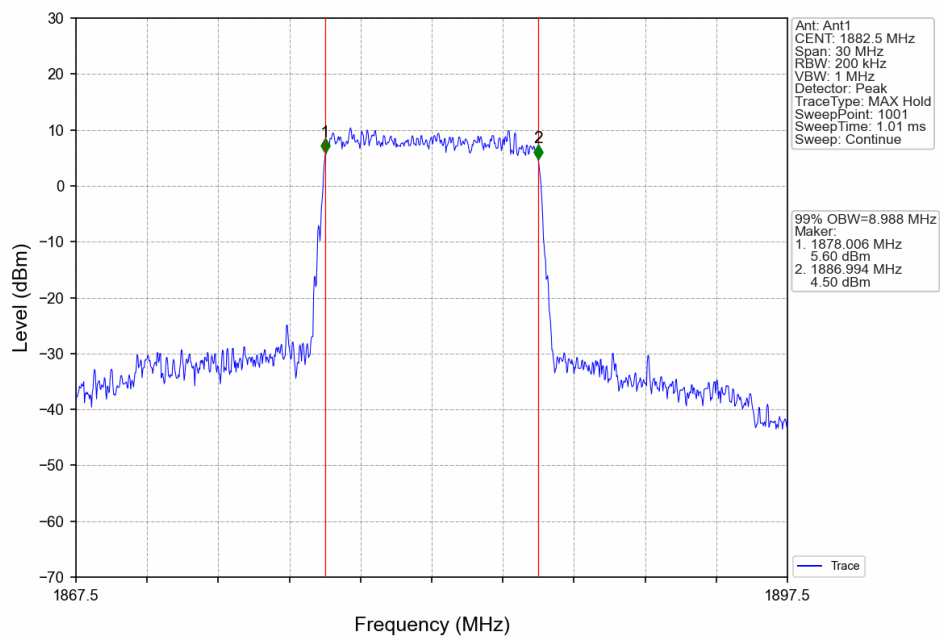




Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

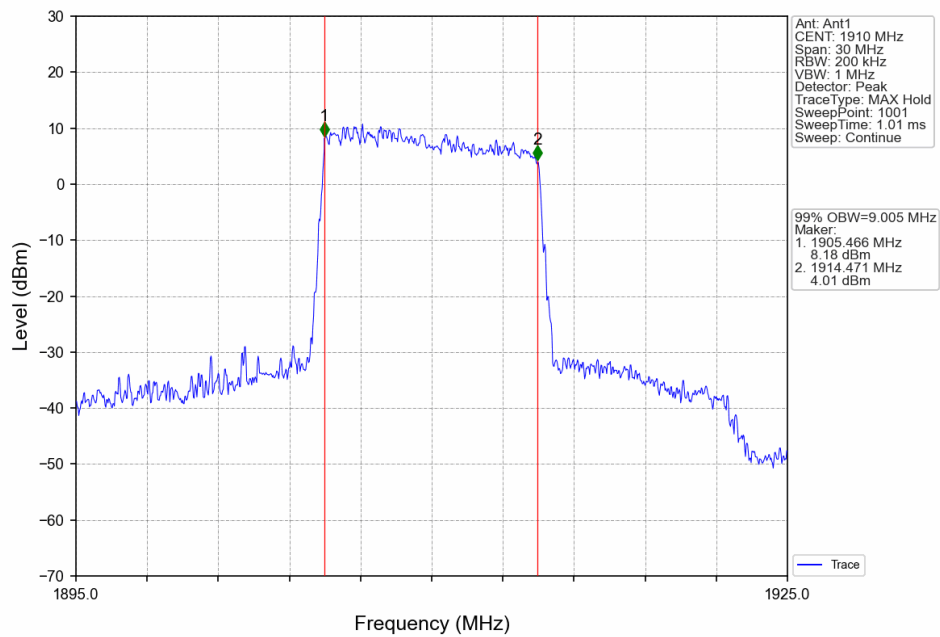


Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

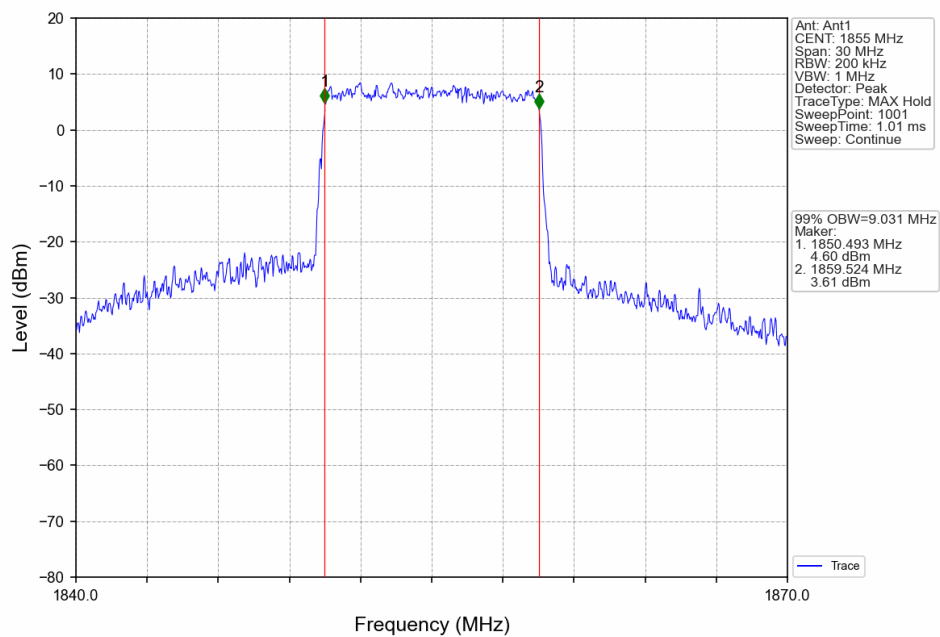




Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV

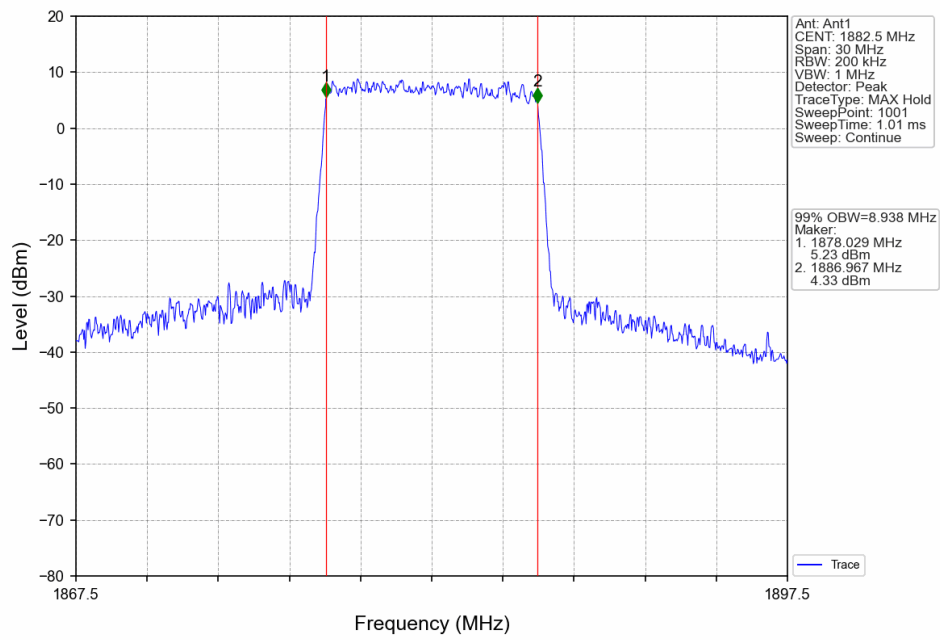


Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

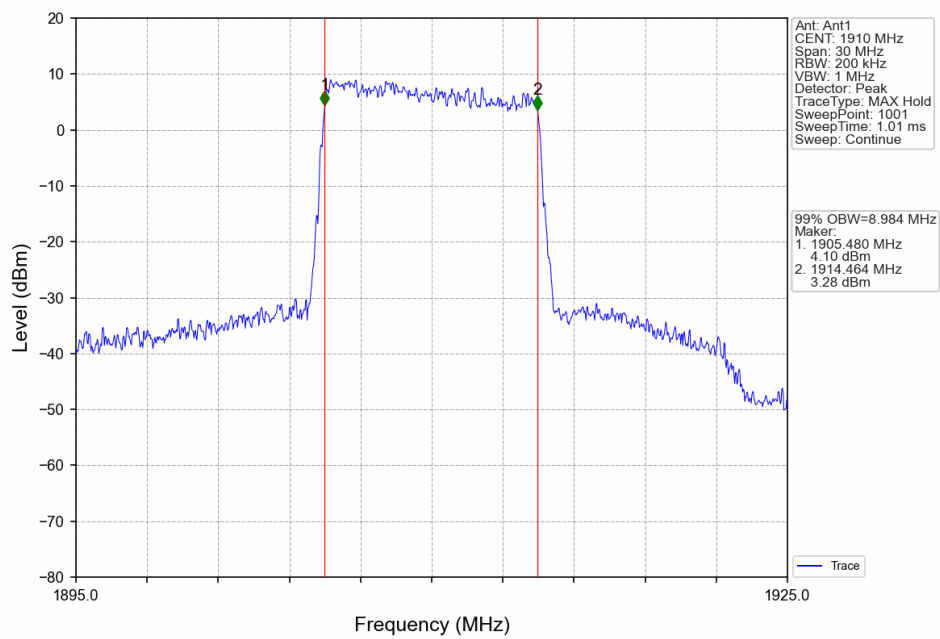




Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV

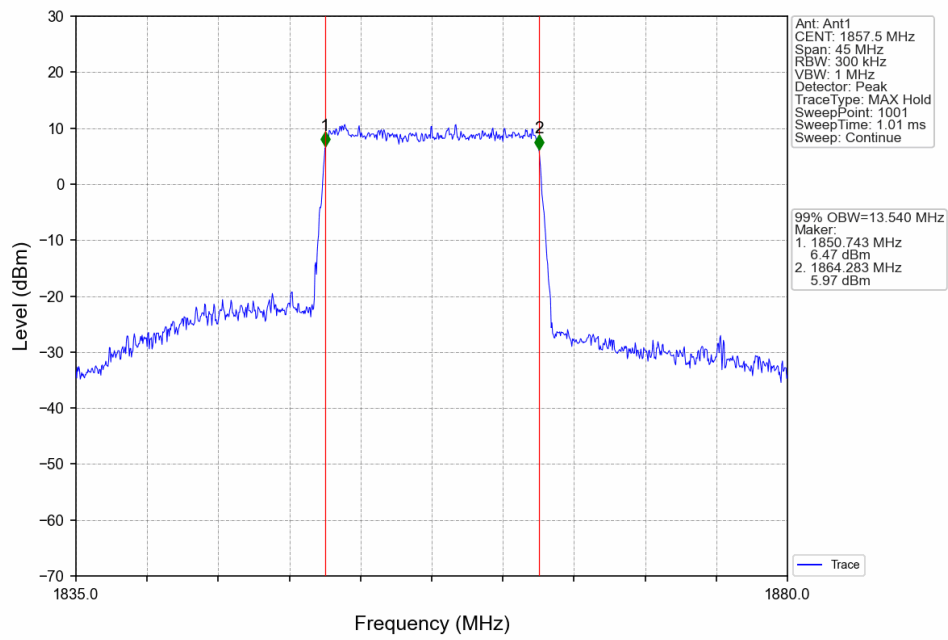


Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

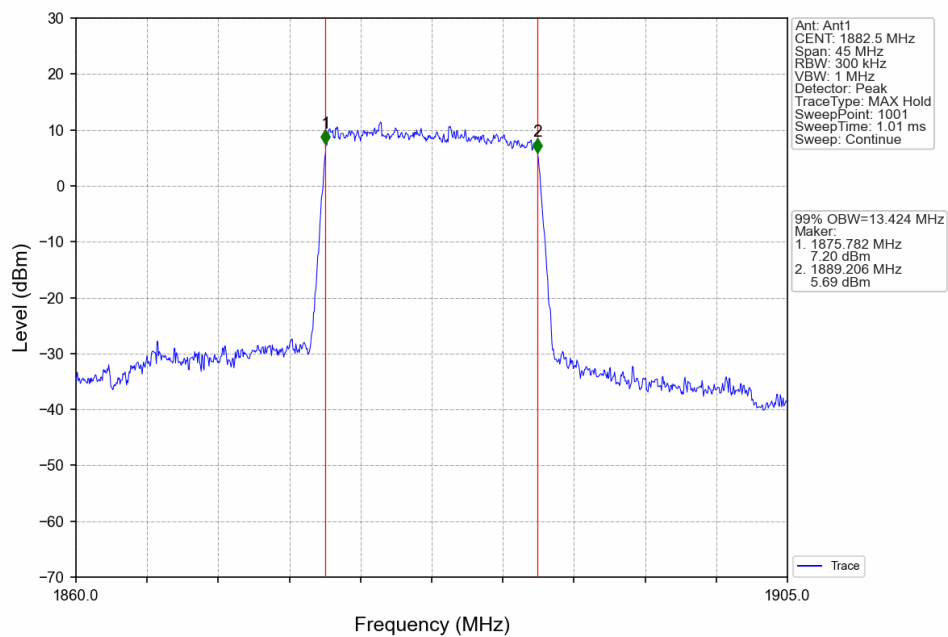




Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

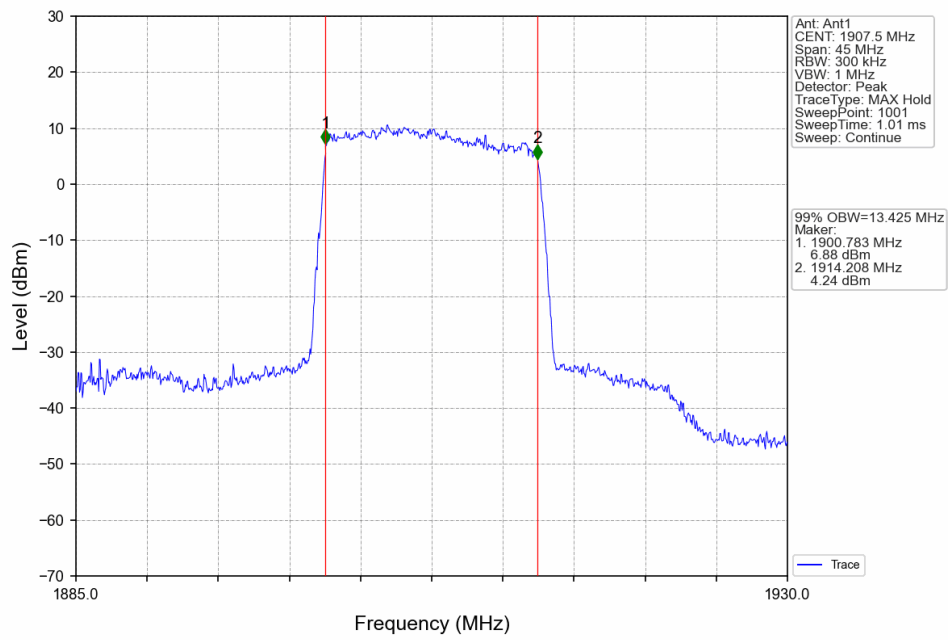


Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

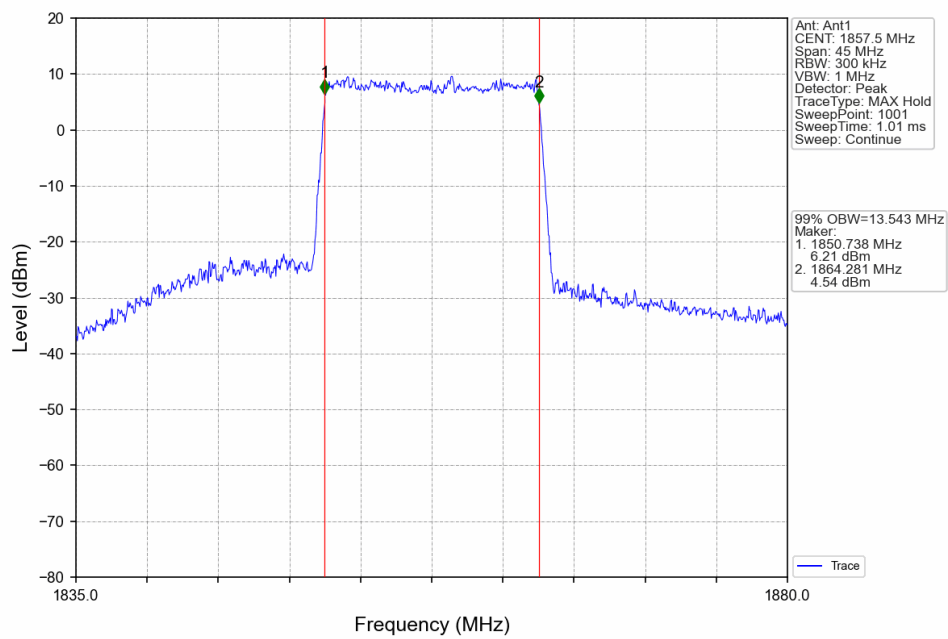




Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV

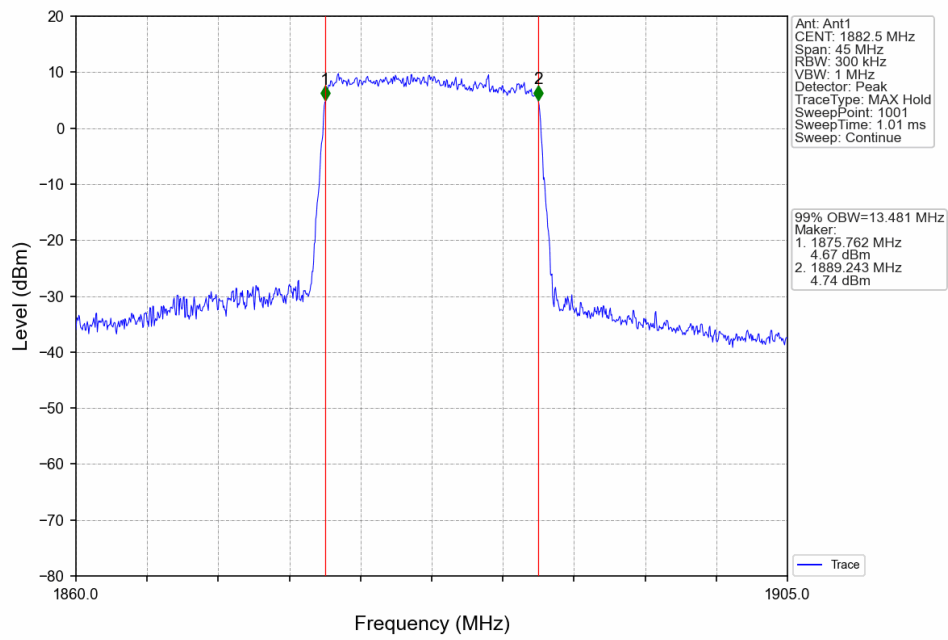


Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

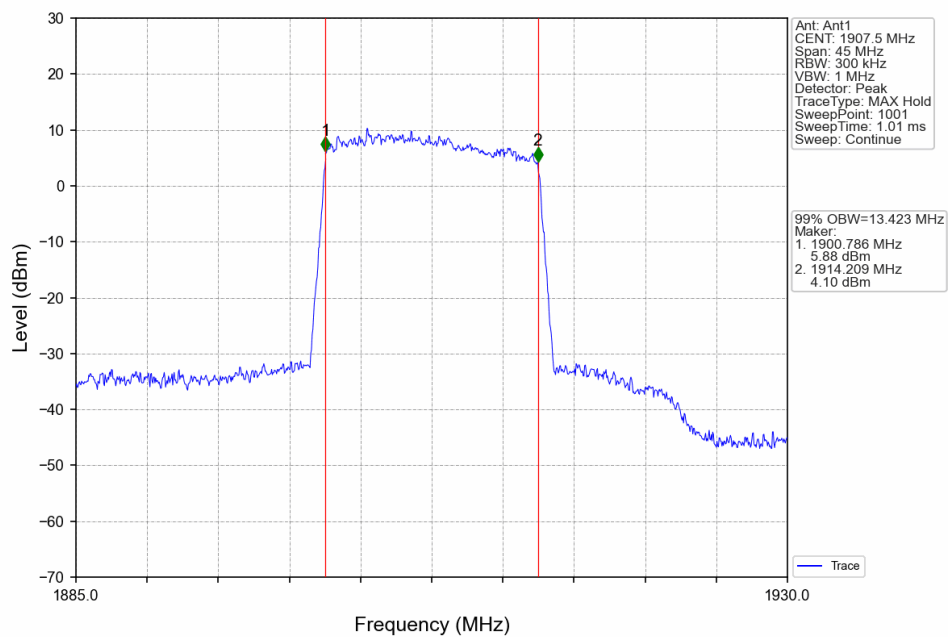




Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

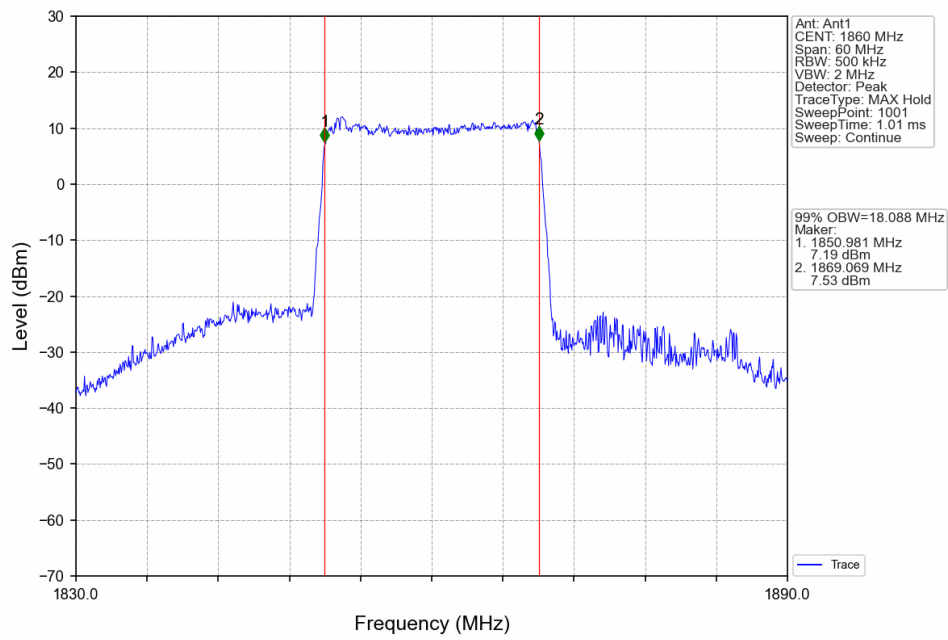


Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

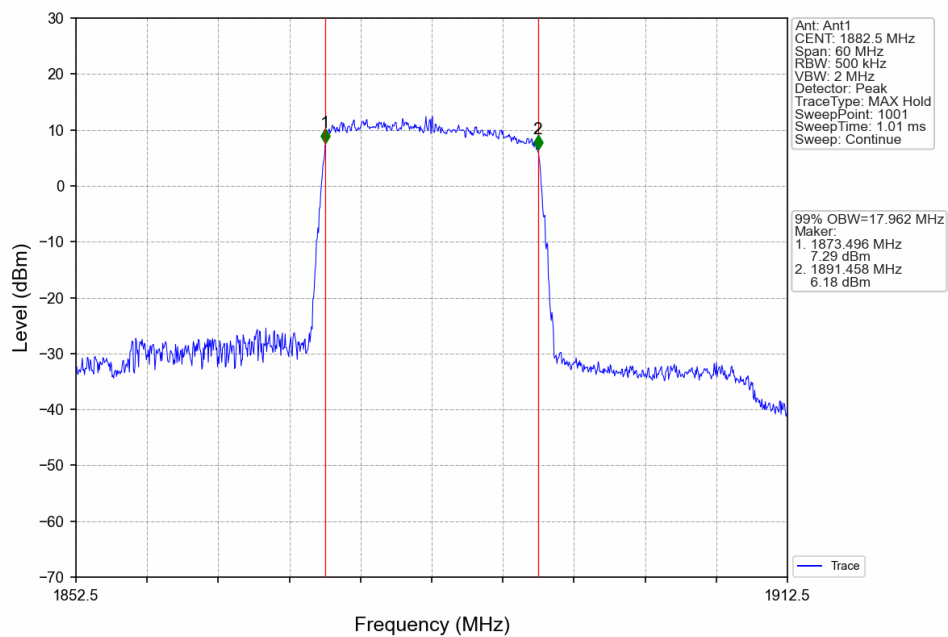




Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

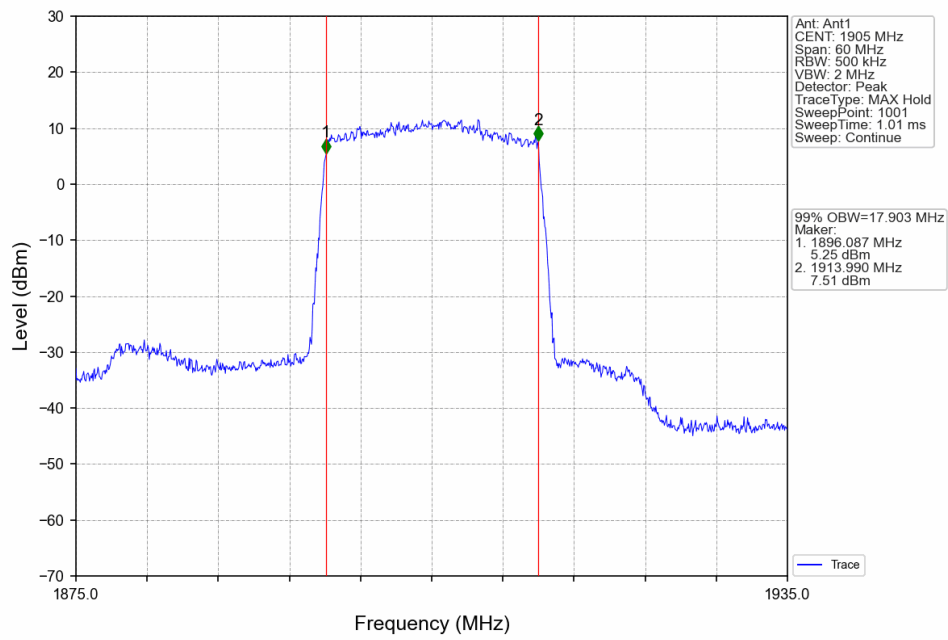


Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

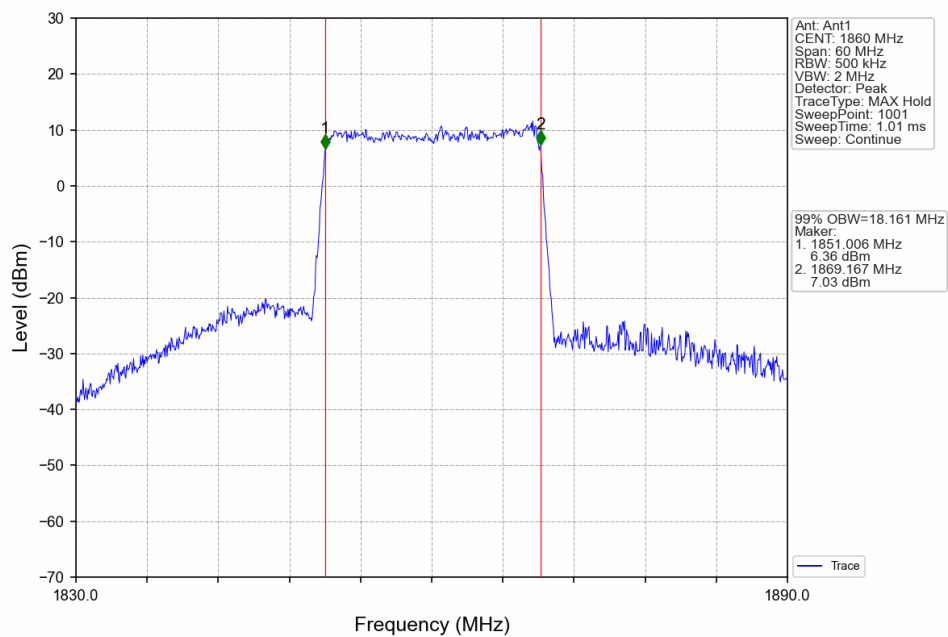




Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV

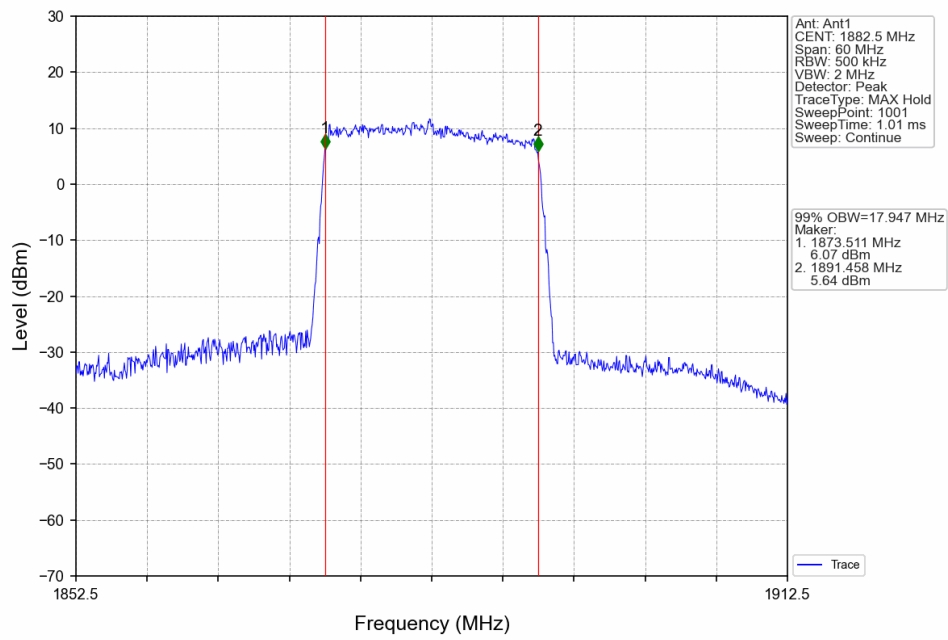


Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

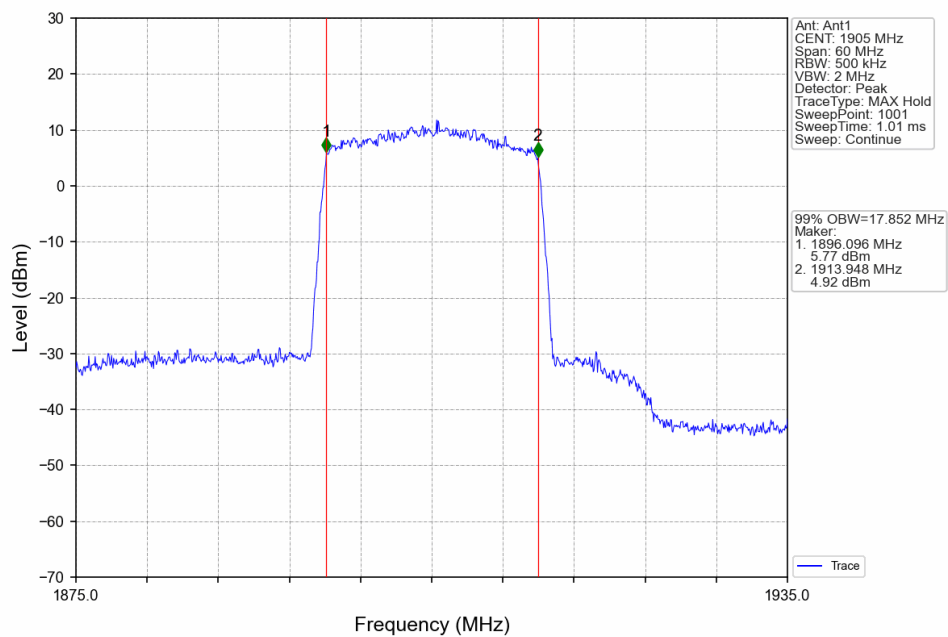




Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV





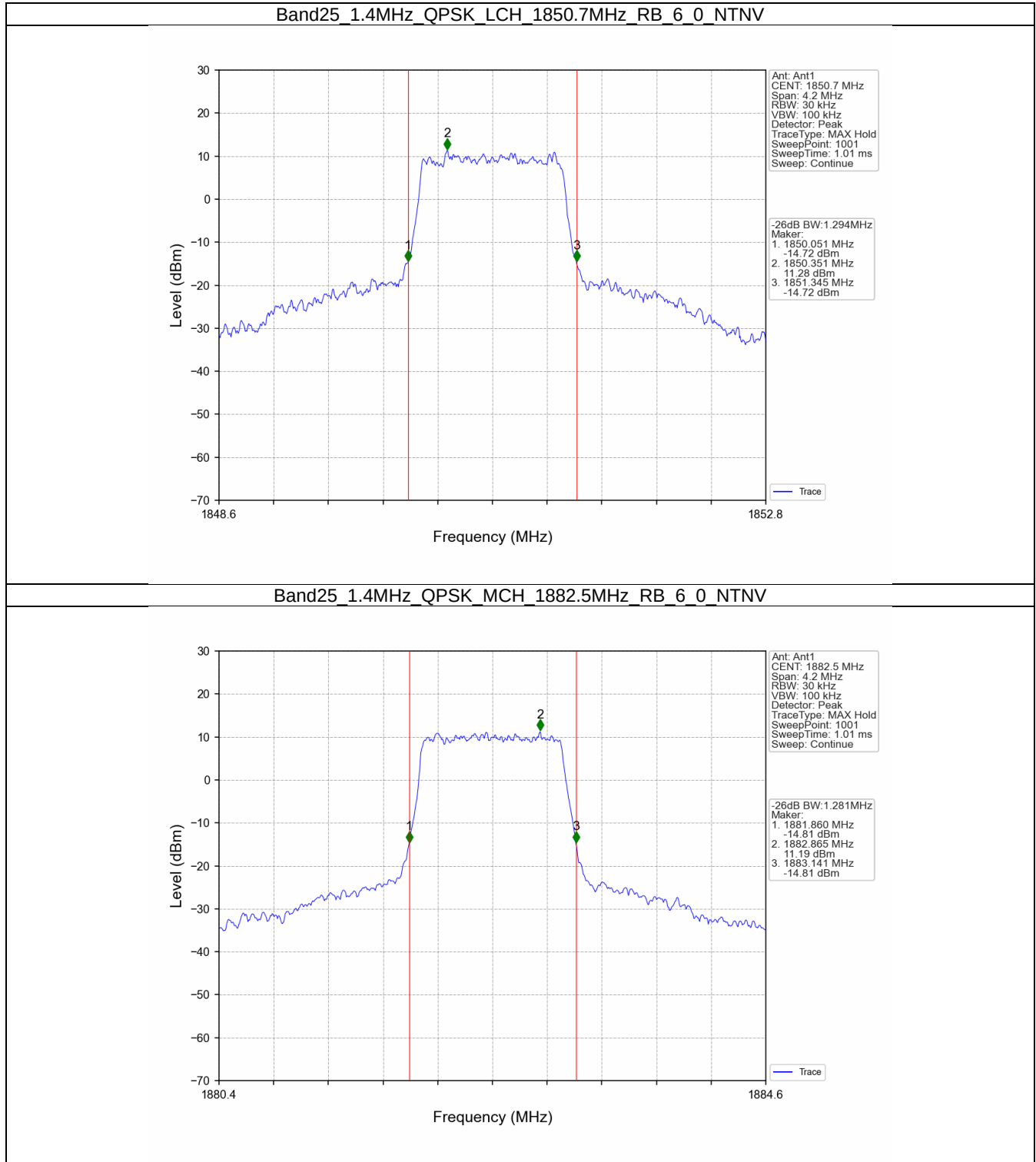
4.2 Band25_XDB

4.2.1 Test Result

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	1.294	/	Pass
		1882.5	6	0	1.281	/	Pass
		1914.3	6	0	1.276	/	Pass
	16QAM	1850.7	6	0	1.296	/	Pass
		1882.5	6	0	1.299	/	Pass
		1914.3	6	0	1.293	/	Pass
3	QPSK	1851.5	15	0	3.084	/	Pass
		1882.5	15	0	3.037	/	Pass
		1913.5	15	0	3.041	/	Pass
	16QAM	1851.5	15	0	3.012	/	Pass
		1882.5	15	0	3.018	/	Pass
		1913.5	15	0	3.027	/	Pass
5	QPSK	1852.5	25	0	4.879	/	Pass
		1882.5	25	0	4.914	/	Pass
		1912.5	25	0	4.907	/	Pass
	16QAM	1852.5	25	0	4.950	/	Pass
		1882.5	25	0	4.923	/	Pass
		1912.5	25	0	4.927	/	Pass
10	QPSK	1855	50	0	9.775	/	Pass
		1882.5	50	0	9.675	/	Pass
		1910	50	0	9.654	/	Pass
	16QAM	1855	50	0	9.712	/	Pass
		1882.5	50	0	9.716	/	Pass
		1910	50	0	9.714	/	Pass
15	QPSK	1857.5	75	0	14.748	/	Pass
		1882.5	75	0	14.524	/	Pass
		1907.5	75	0	14.667	/	Pass
	16QAM	1857.5	75	0	14.631	/	Pass
		1882.5	75	0	14.648	/	Pass
		1907.5	75	0	14.517	/	Pass
20	QPSK	1860	100	0	19.626	/	Pass
		1882.5	100	0	19.596	/	Pass
		1905	100	0	19.500	/	Pass
	16QAM	1860	100	0	19.670	/	Pass
		1882.5	100	0	19.543	/	Pass
		1905	100	0	19.405	/	Pass

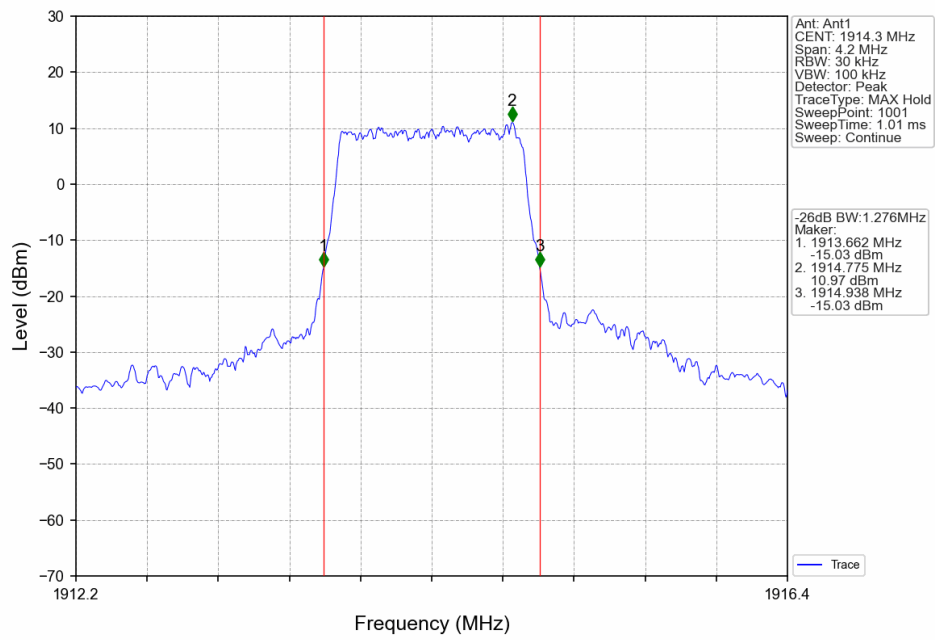


4.2.2 Test Graph

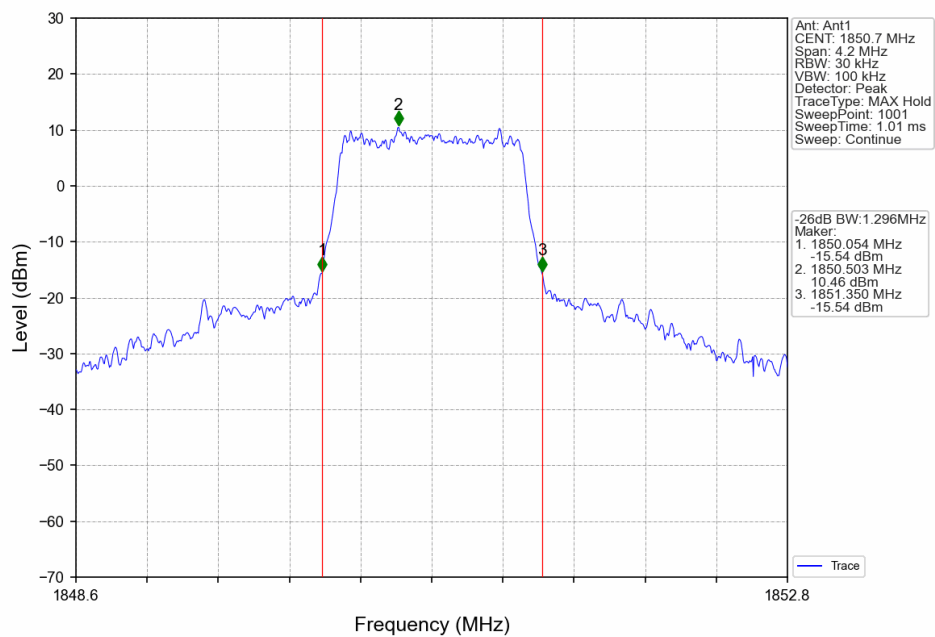




Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

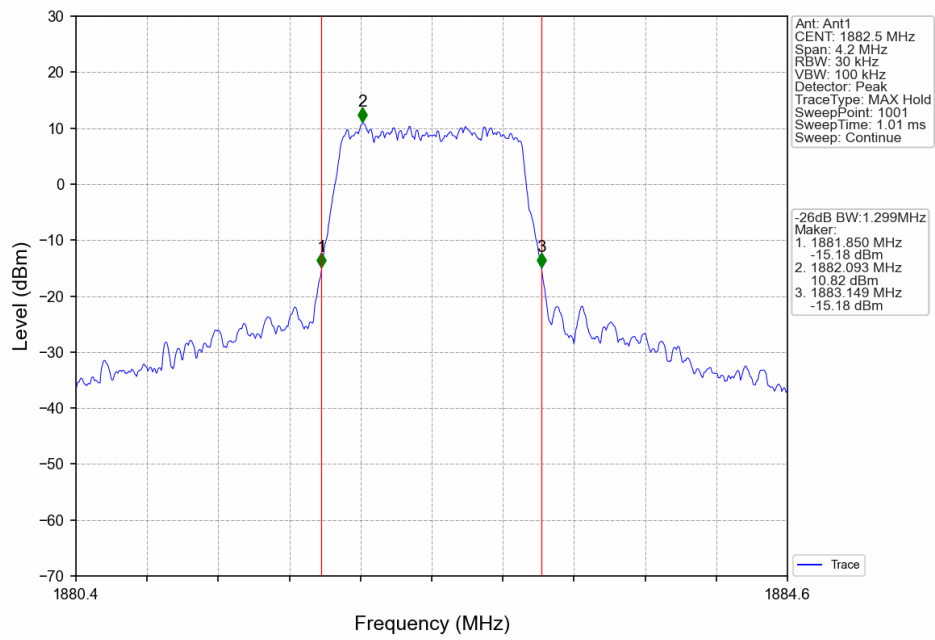


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

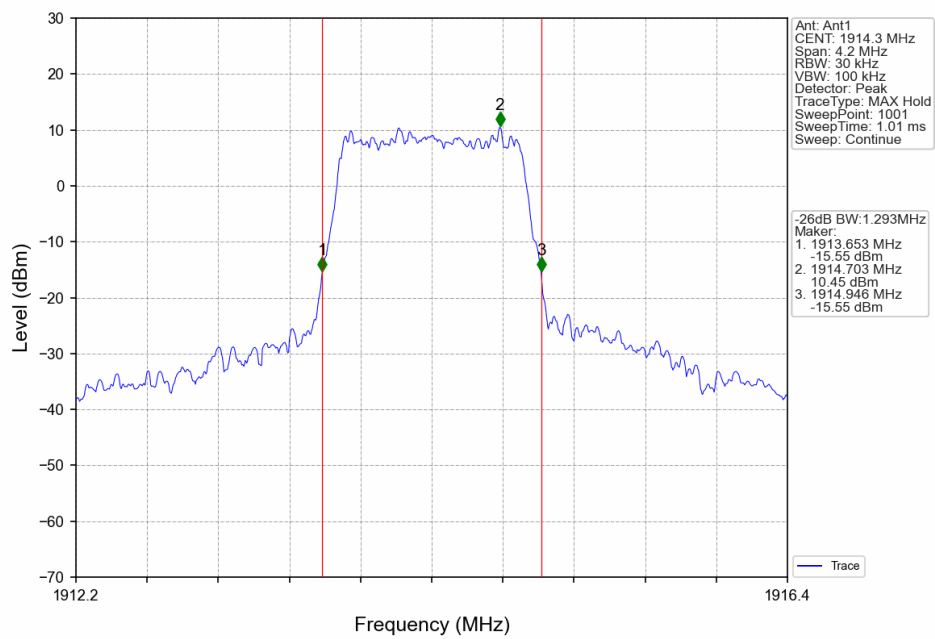




Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

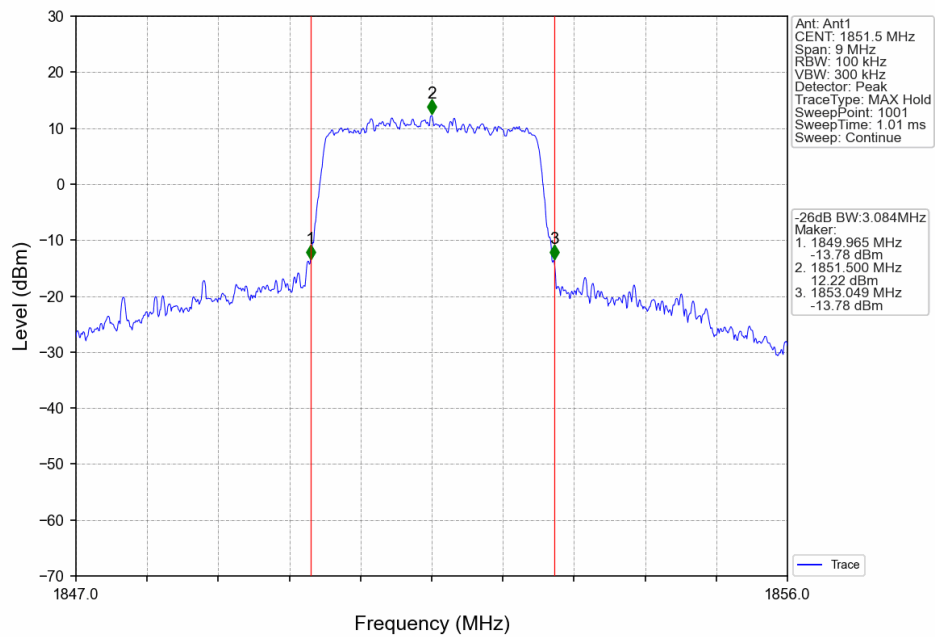


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

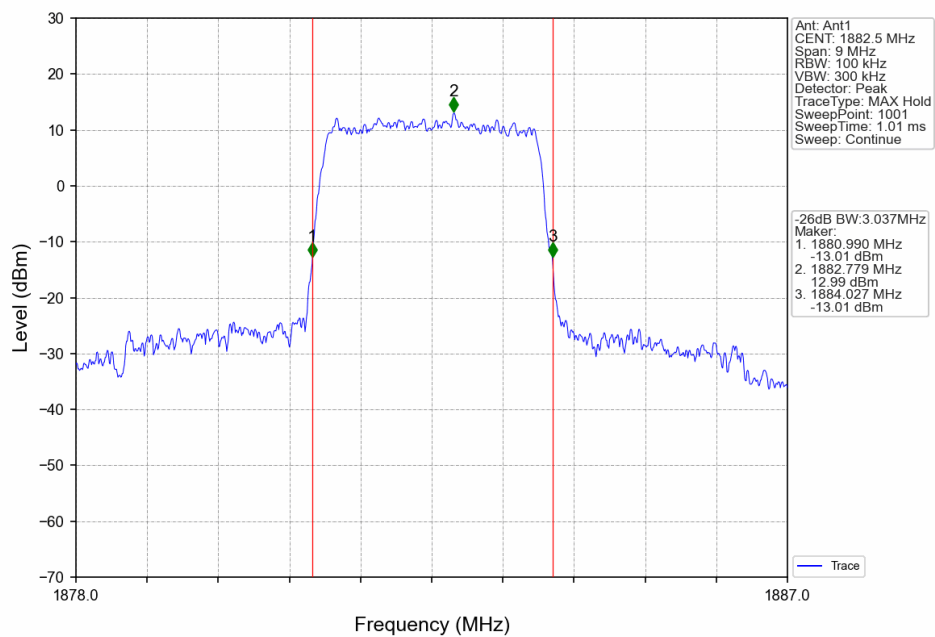




Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

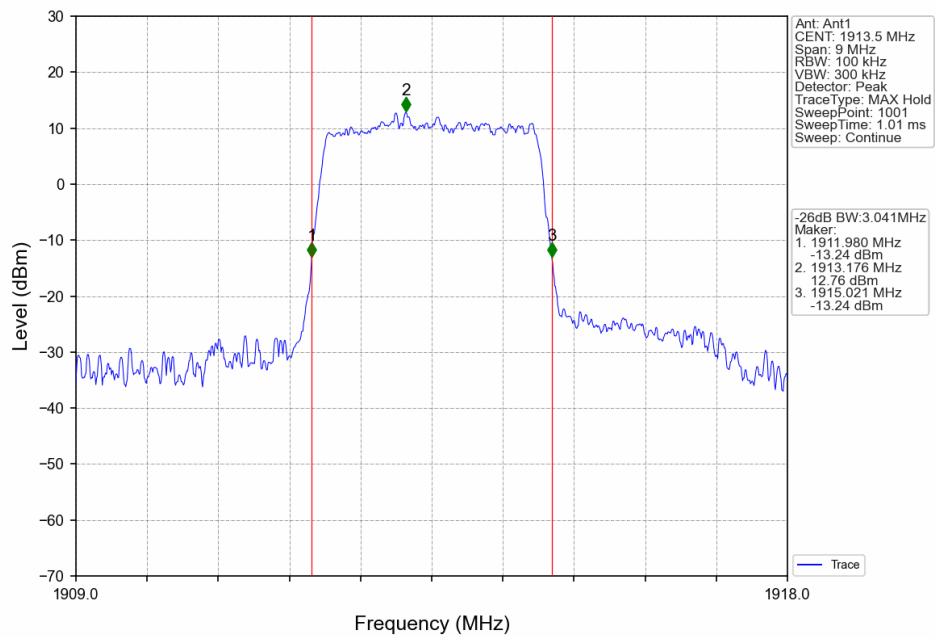


Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

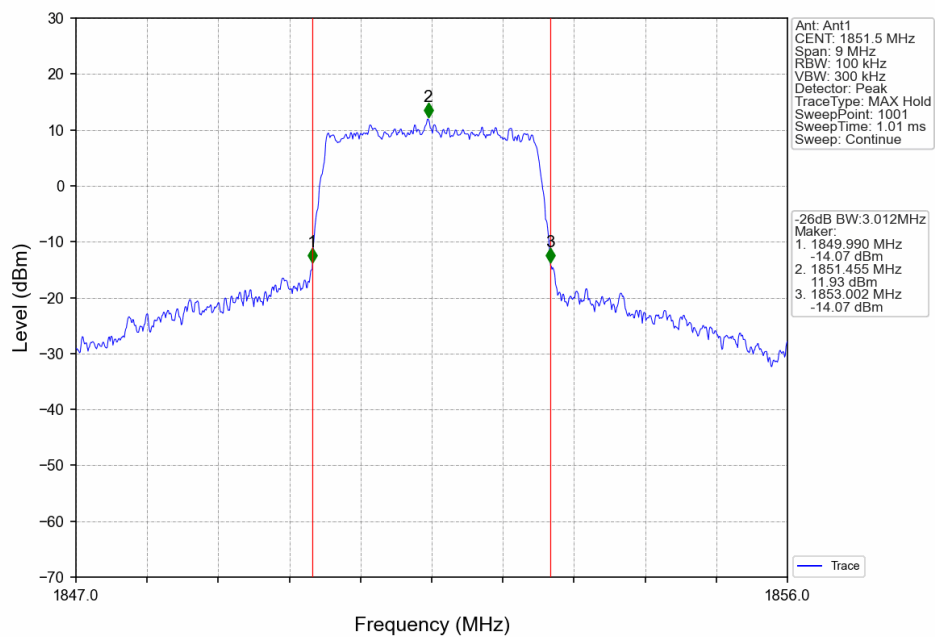




Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

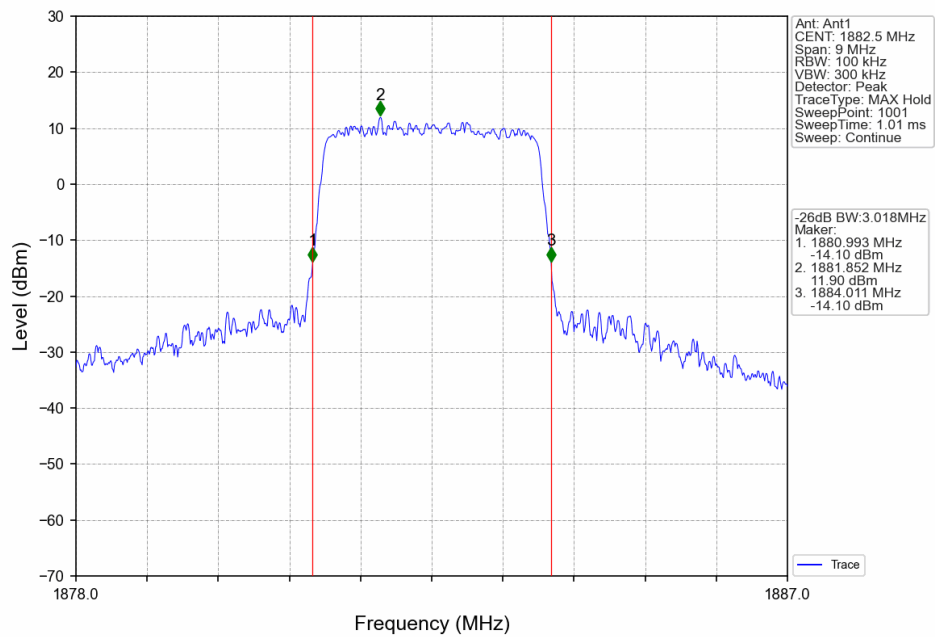


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

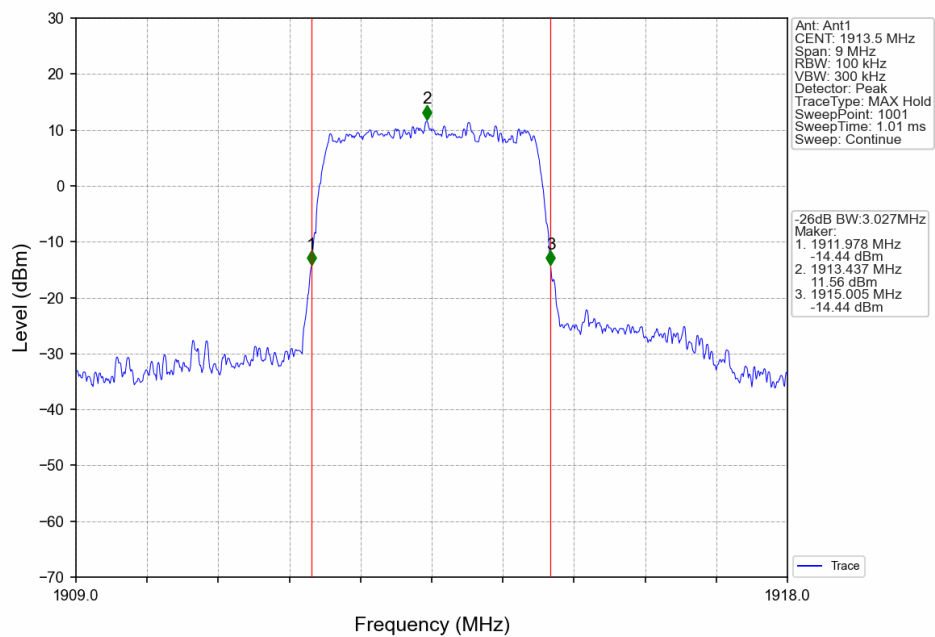




Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

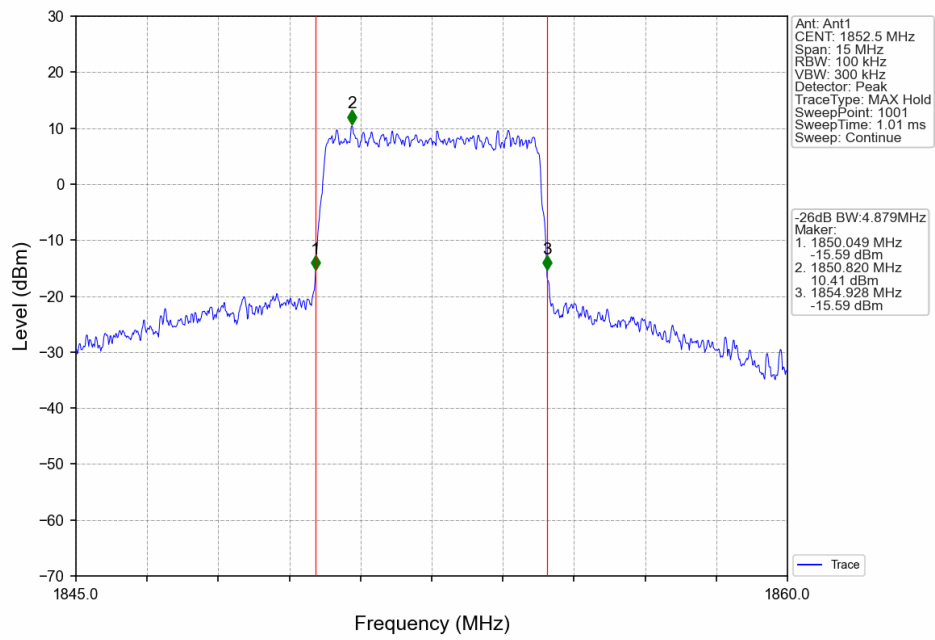


Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

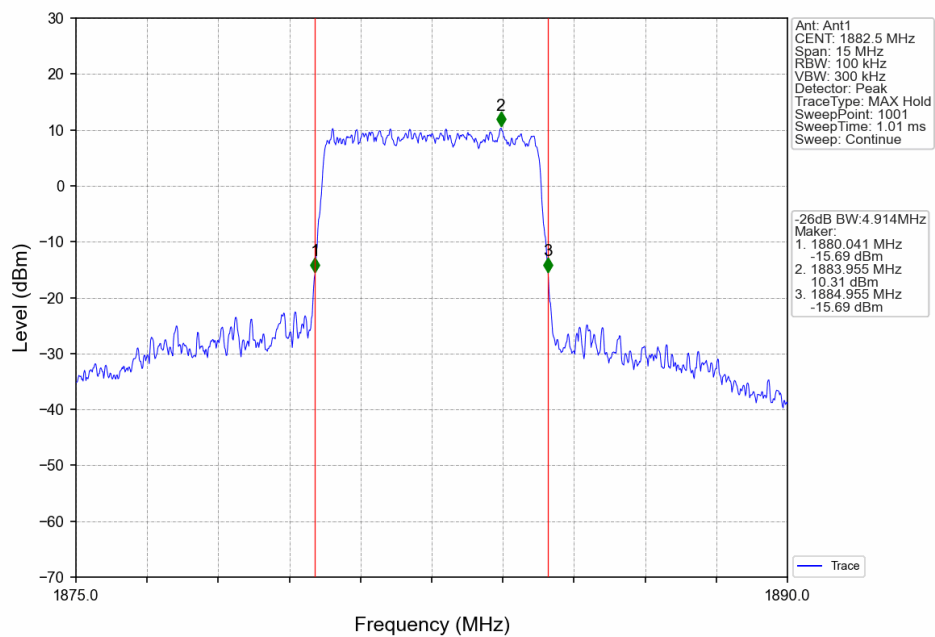




Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

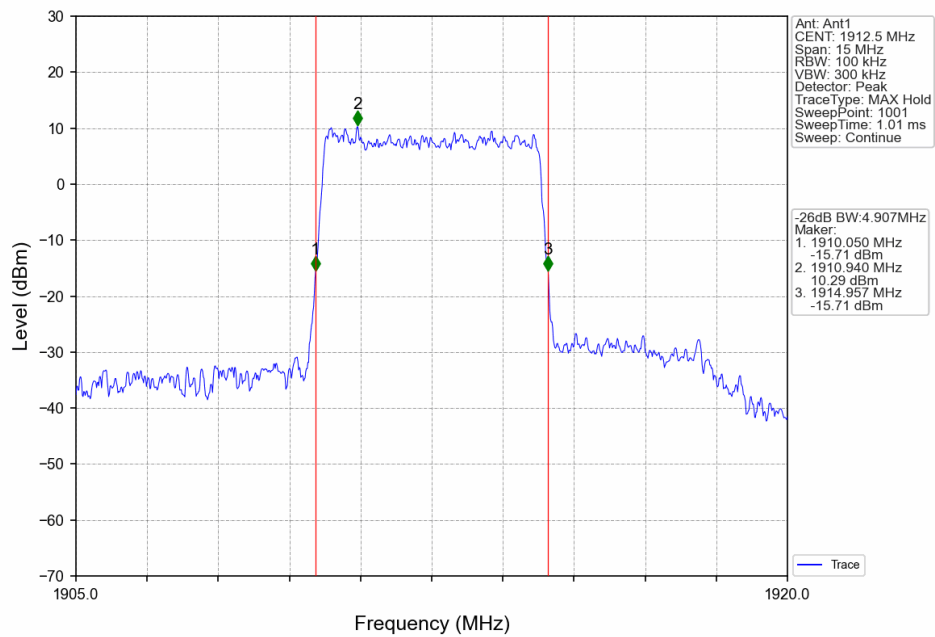


Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

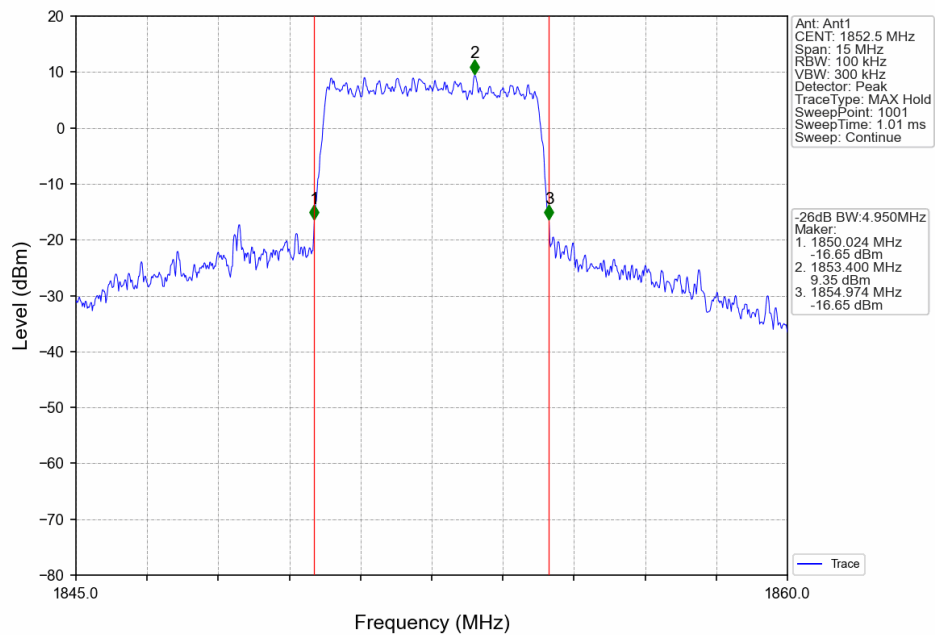




Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

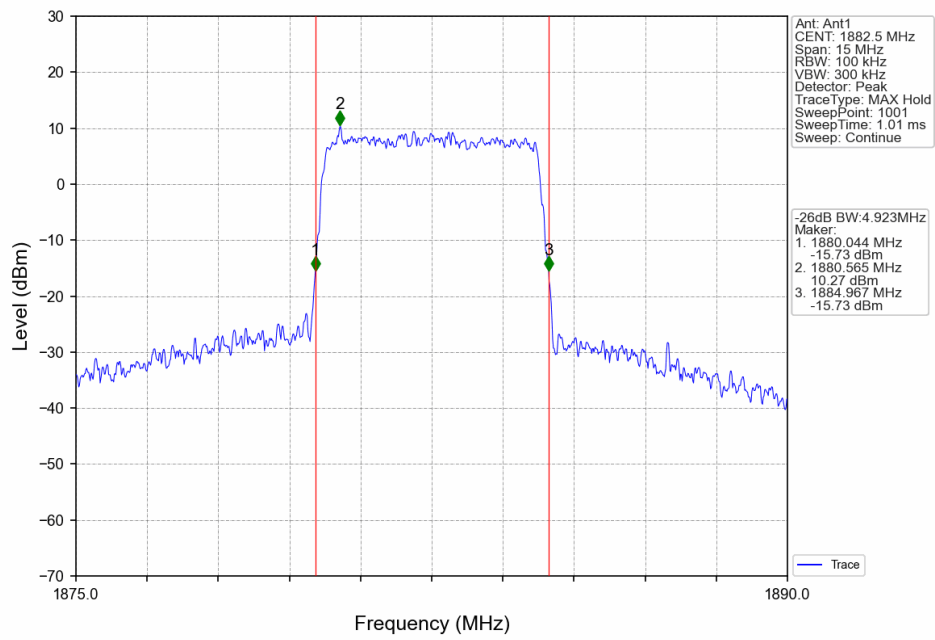


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

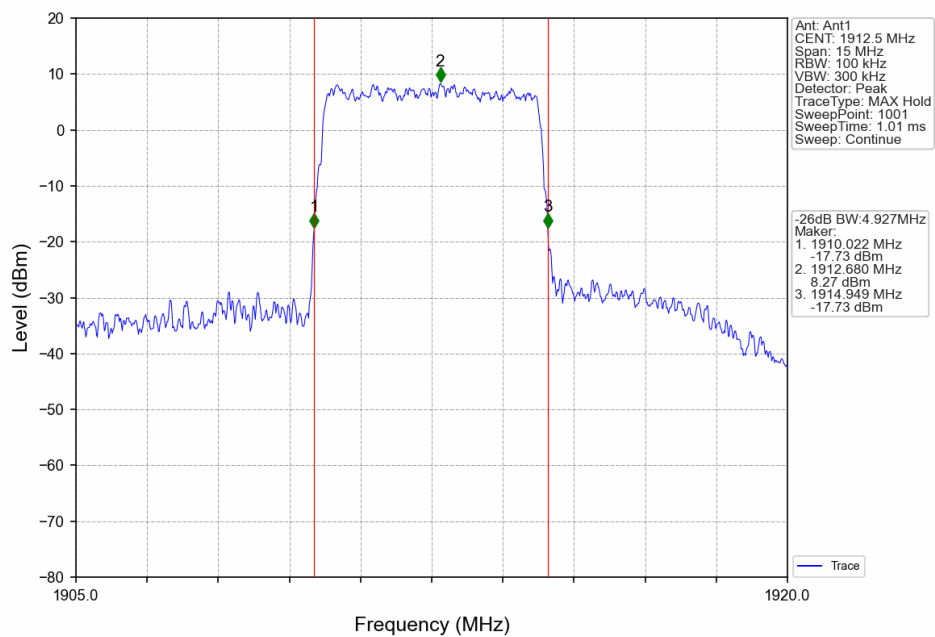




Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

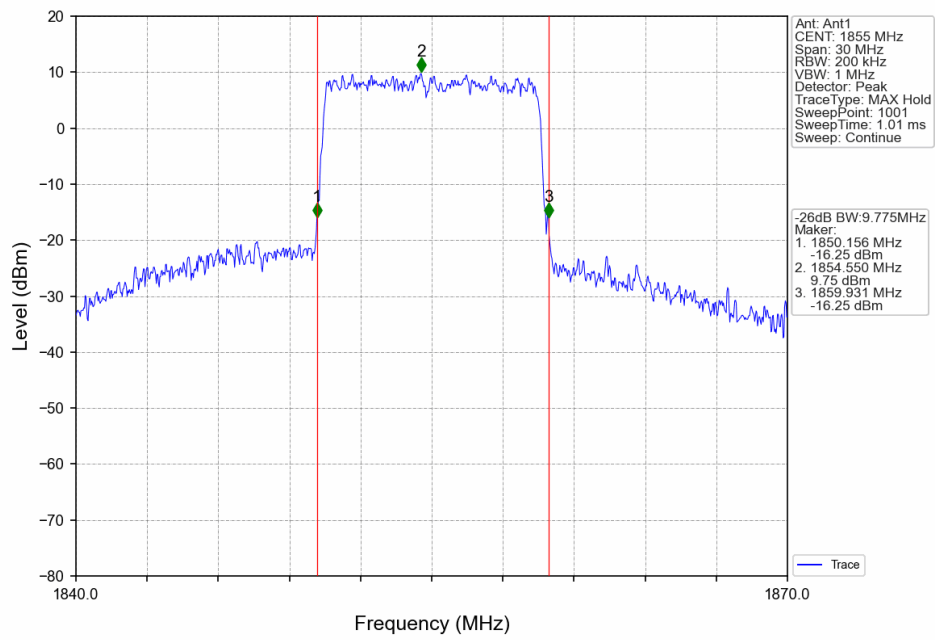


Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV





Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

