

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	22.16	0.41	22.57	<=33.01	Pass		
			2	22.28	0.41	22.69	<=33.01	Pass		
			5	22.16	0.41	22.57	<=33.01	Pass		
		3	0	22.28	0.41	22.69	<=33.01	Pass		
			2	22.33	0.41	22.74	<=33.01	Pass		
			3	22.29	0.41	22.70	<=33.01	Pass		
		6	0	21.27	0.41	21.68	<=33.01	Pass		
		1882.5	1	0	21.83	0.41	22.24	<=33.01	Pass	
				2	21.84	0.41	22.25	<=33.01	Pass	
	5			21.83	0.41	22.24	<=33.01	Pass		
	3		0	21.93	0.41	22.34	<=33.01	Pass		
			2	21.98	0.41	22.39	<=33.01	Pass		
			3	21.92	0.41	22.33	<=33.01	Pass		
	6	0	20.93	0.41	21.34	<=33.01	Pass			
	1914.3	1	0	21.66	0.41	22.07	<=33.01	Pass		
			2	21.77	0.41	22.18	<=33.01	Pass		
			5	21.67	0.41	22.08	<=33.01	Pass		
		3	0	21.75	0.41	22.16	<=33.01	Pass		
			2	21.79	0.41	22.20	<=33.01	Pass		
			3	21.82	0.41	22.23	<=33.01	Pass		
		6	0	20.75	0.41	21.16	<=33.01	Pass		
		16QAM	1850.7	1	0	21.38	0.41	21.79	<=33.01	Pass
					2	21.49	0.41	21.90	<=33.01	Pass
	5				21.40	0.41	21.81	<=33.01	Pass	
3	0			21.29	0.41	21.70	<=33.01	Pass		
	2			21.32	0.41	21.73	<=33.01	Pass		
	3			21.32	0.41	21.73	<=33.01	Pass		
6	0			20.32	0.41	20.73	<=33.01	Pass		
1882.5	1			0	21.00	0.41	21.41	<=33.01	Pass	
				2	21.11	0.41	21.52	<=33.01	Pass	
			5	20.99	0.41	21.40	<=33.01	Pass		
	3		0	20.86	0.41	21.27	<=33.01	Pass		
			2	20.88	0.41	21.29	<=33.01	Pass		
			3	20.90	0.41	21.31	<=33.01	Pass		
6	0		19.94	0.41	20.35	<=33.01	Pass			
1914.3	1		0	20.72	0.41	21.13	<=33.01	Pass		
			2	20.84	0.41	21.25	<=33.01	Pass		
			5	20.74	0.41	21.15	<=33.01	Pass		
	3		0	20.88	0.41	21.29	<=33.01	Pass		
			2	20.87	0.41	21.28	<=33.01	Pass		
			3	20.86	0.41	21.27	<=33.01	Pass		
	6		0	19.69	0.41	20.10	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	22.38	0.41	22.79	<=33.01	Pass		
			7	22.47	0.41	22.88	<=33.01	Pass		
			14	22.26	0.41	22.67	<=33.01	Pass		
		8	0	21.38	0.41	21.79	<=33.01	Pass		
			4	21.41	0.41	21.82	<=33.01	Pass		
			7	21.38	0.41	21.79	<=33.01	Pass		
		15	0	21.40	0.41	21.81	<=33.01	Pass		
		1882.5	1	0	21.98	0.41	22.39	<=33.01	Pass	
				7	22.12	0.41	22.53	<=33.01	Pass	
	14			21.91	0.41	22.32	<=33.01	Pass		
	8		0	21.03	0.41	21.44	<=33.01	Pass		
			4	21.04	0.41	21.45	<=33.01	Pass		
			7	21.01	0.41	21.42	<=33.01	Pass		
	15		0	20.97	0.41	21.38	<=33.01	Pass		
	1913.5		1	0	21.94	0.41	22.35	<=33.01	Pass	
				7	21.96	0.41	22.37	<=33.01	Pass	
		14		21.80	0.41	22.21	<=33.01	Pass		
		8	0	20.91	0.41	21.32	<=33.01	Pass		
			4	20.86	0.41	21.27	<=33.01	Pass		
			7	20.81	0.41	21.22	<=33.01	Pass		
		15	0	20.89	0.41	21.30	<=33.01	Pass		
		16QAM	1851.5	1	0	21.92	0.41	22.33	<=33.01	Pass
					7	22.08	0.41	22.49	<=33.01	Pass
	14				21.89	0.41	22.30	<=33.01	Pass	
8	0			20.56	0.41	20.97	<=33.01	Pass		
	4			20.59	0.41	21.00	<=33.01	Pass		
	7			20.56	0.41	20.97	<=33.01	Pass		
15	0			20.44	0.41	20.85	<=33.01	Pass		
1882.5	1			0	21.12	0.41	21.53	<=33.01	Pass	
				7	21.27	0.41	21.68	<=33.01	Pass	
			14	21.10	0.41	21.51	<=33.01	Pass		
	8		0	20.00	0.41	20.41	<=33.01	Pass		
			4	20.04	0.41	20.45	<=33.01	Pass		
			7	20.01	0.41	20.42	<=33.01	Pass		
	15		0	19.98	0.41	20.39	<=33.01	Pass		
	1913.5		1	0	20.94	0.41	21.35	<=33.01	Pass	
				7	21.01	0.41	21.42	<=33.01	Pass	
14				20.85	0.41	21.26	<=33.01	Pass		
8			0	20.03	0.41	20.44	<=33.01	Pass		
			4	19.97	0.41	20.38	<=33.01	Pass		
			7	19.90	0.41	20.31	<=33.01	Pass		
15			0	19.97	0.41	20.38	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	22.19	0.41	22.60	<=33.01	Pass		
			13	22.33	0.41	22.74	<=33.01	Pass		
			24	22.14	0.41	22.55	<=33.01	Pass		
		12	0	21.26	0.41	21.67	<=33.01	Pass		
			6	21.35	0.41	21.76	<=33.01	Pass		
			13	21.25	0.41	21.66	<=33.01	Pass		
		25	0	21.25	0.41	21.66	<=33.01	Pass		
		1882.5	1	0	21.81	0.41	22.22	<=33.01	Pass	
				13	21.88	0.41	22.29	<=33.01	Pass	
	24			21.76	0.41	22.17	<=33.01	Pass		
	12		0	20.80	0.41	21.21	<=33.01	Pass		
			6	20.92	0.41	21.33	<=33.01	Pass		
			13	20.90	0.41	21.31	<=33.01	Pass		
	25		0	20.83	0.41	21.24	<=33.01	Pass		
	1912.5		1	0	21.80	0.41	22.21	<=33.01	Pass	
				13	21.94	0.41	22.35	<=33.01	Pass	
		24		21.63	0.41	22.04	<=33.01	Pass		
		12	0	20.98	0.41	21.39	<=33.01	Pass		
			6	20.88	0.41	21.29	<=33.01	Pass		
			13	20.64	0.41	21.05	<=33.01	Pass		
		25	0	20.81	0.41	21.22	<=33.01	Pass		
		16QAM	1852.5	1	0	21.13	0.41	21.54	<=33.01	Pass
					13	21.20	0.41	21.61	<=33.01	Pass
	24				21.10	0.41	21.51	<=33.01	Pass	
12	0			20.29	0.41	20.70	<=33.01	Pass		
	6			20.34	0.41	20.75	<=33.01	Pass		
	13			20.29	0.41	20.70	<=33.01	Pass		
25	0			20.30	0.41	20.71	<=33.01	Pass		
1882.5	1			0	21.00	0.41	21.41	<=33.01	Pass	
				13	21.15	0.41	21.56	<=33.01	Pass	
			24	21.04	0.41	21.45	<=33.01	Pass		
	12		0	19.82	0.41	20.23	<=33.01	Pass		
			6	19.98	0.41	20.39	<=33.01	Pass		
			13	19.95	0.41	20.36	<=33.01	Pass		
	25		0	19.86	0.41	20.27	<=33.01	Pass		
	1912.5		1	0	20.89	0.41	21.30	<=33.01	Pass	
				13	20.96	0.41	21.37	<=33.01	Pass	
24				20.74	0.41	21.15	<=33.01	Pass		
12			0	19.97	0.41	20.38	<=33.01	Pass		
			6	19.91	0.41	20.32	<=33.01	Pass		
			13	19.75	0.41	20.16	<=33.01	Pass		
25			0	19.93	0.41	20.34	<=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	22.21	0.41	22.62	<=33.01	Pass
			25	22.43	0.41	22.84	<=33.01	Pass

		25	49	22.12	0.41	22.53	<=33.01	Pass		
			0	21.39	0.41	21.80	<=33.01	Pass		
			13	21.36	0.41	21.77	<=33.01	Pass		
			25	21.17	0.41	21.58	<=33.01	Pass		
			50	21.32	0.41	21.73	<=33.01	Pass		
	1882.5	1	1	0	21.92	0.41	22.33	<=33.01	Pass	
				25	22.06	0.41	22.47	<=33.01	Pass	
				49	21.76	0.41	22.17	<=33.01	Pass	
		25	1	0	20.81	0.41	21.22	<=33.01	Pass	
				13	20.96	0.41	21.37	<=33.01	Pass	
				25	21.00	0.41	21.41	<=33.01	Pass	
		50	20.92	0.41	21.33	<=33.01	Pass			
		1910	1	1	0	21.80	0.41	22.21	<=33.01	Pass
					25	22.11	0.41	22.52	<=33.01	Pass
	49				21.73	0.41	22.14	<=33.01	Pass	
	25		1	0	20.87	0.41	21.28	<=33.01	Pass	
				13	20.90	0.41	21.31	<=33.01	Pass	
				25	20.66	0.41	21.07	<=33.01	Pass	
	50		20.73	0.41	21.14	<=33.01	Pass			
	16QAM		1855	1	0	21.84	0.41	22.25	<=33.01	Pass
					25	22.02	0.41	22.43	<=33.01	Pass
		49			21.75	0.41	22.16	<=33.01	Pass	
		25		1	0	20.51	0.41	20.92	<=33.01	Pass
					13	20.47	0.41	20.88	<=33.01	Pass
					25	20.26	0.41	20.67	<=33.01	Pass
		50		20.38	0.41	20.79	<=33.01	Pass		
		1882.5		1	1	0	21.03	0.41	21.44	<=33.01
25						21.25	0.41	21.66	<=33.01	Pass
49			20.99			0.41	21.40	<=33.01	Pass	
25			1	0	19.85	0.41	20.26	<=33.01	Pass	
				13	20.03	0.41	20.44	<=33.01	Pass	
				25	20.05	0.41	20.46	<=33.01	Pass	
50			19.99	0.41	20.40	<=33.01	Pass			
1910			1	1	0	20.78	0.41	21.19	<=33.01	Pass
					25	21.06	0.41	21.47	<=33.01	Pass
		49			20.73	0.41	21.14	<=33.01	Pass	
		25	1	0	19.96	0.41	20.37	<=33.01	Pass	
				13	20.03	0.41	20.44	<=33.01	Pass	
				25	19.79	0.41	20.20	<=33.01	Pass	
		50	19.83	0.41	20.24	<=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	22.08	0.41	22.49	<=33.01	Pass
			38	22.21	0.41	22.62	<=33.01	Pass
			74	21.94	0.41	22.35	<=33.01	Pass
		36	0	21.41	0.41	21.82	<=33.01	Pass
			18	21.30	0.41	21.71	<=33.01	Pass
			39	21.08	0.41	21.49	<=33.01	Pass

16QAM	1882.5	75	0	21.27	0.41	21.68	<=33.01	Pass		
			1	0	21.83	0.41	22.24	<=33.01	Pass	
				38	21.91	0.41	22.32	<=33.01	Pass	
		74		21.63	0.41	22.04	<=33.01	Pass		
		36		0	20.97	0.41	21.38	<=33.01	Pass	
				18	21.03	0.41	21.44	<=33.01	Pass	
				39	20.88	0.41	21.29	<=33.01	Pass	
		75	0	20.91	0.41	21.32	<=33.01	Pass		
		1907.5	1	0	21.71	0.41	22.12	<=33.01	Pass	
				38	21.84	0.41	22.25	<=33.01	Pass	
				74	21.54	0.41	21.95	<=33.01	Pass	
			36	0	20.80	0.41	21.21	<=33.01	Pass	
	18			20.91	0.41	21.32	<=33.01	Pass		
	39			20.68	0.41	21.09	<=33.01	Pass		
	75		0	20.71	0.41	21.12	<=33.01	Pass		
	16QAM		1857.5	1	0	21.68	0.41	22.09	<=33.01	Pass
					38	21.85	0.41	22.26	<=33.01	Pass
		74			21.57	0.41	21.98	<=33.01	Pass	
		36		0	20.42	0.41	20.83	<=33.01	Pass	
				18	20.36	0.41	20.77	<=33.01	Pass	
				39	20.09	0.41	20.50	<=33.01	Pass	
		75		0	20.28	0.41	20.69	<=33.01	Pass	
		1882.5		1	0	20.92	0.41	21.33	<=33.01	Pass
					38	21.09	0.41	21.50	<=33.01	Pass
74					20.88	0.41	21.29	<=33.01	Pass	
36				0	19.90	0.41	20.31	<=33.01	Pass	
				18	19.98	0.41	20.39	<=33.01	Pass	
			39	19.93	0.41	20.34	<=33.01	Pass		
75			0	19.93	0.41	20.34	<=33.01	Pass		
1907.5			1	0	20.98	0.41	21.39	<=33.01	Pass	
				38	21.16	0.41	21.57	<=33.01	Pass	
		74		21.03	0.41	21.44	<=33.01	Pass		
		36	0	19.73	0.41	20.14	<=33.01	Pass		
			18	19.88	0.41	20.29	<=33.01	Pass		
			39	19.70	0.41	20.11	<=33.01	Pass		
		75	0	19.70	0.41	20.11	<=33.01	Pass		

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	21.99	0.41	22.40	<=33.01	Pass
			50	22.33	0.41	22.74	<=33.01	Pass
			99	21.72	0.41	22.13	<=33.01	Pass
		50	0	21.58	0.41	21.99	<=33.01	Pass
			25	21.21	0.41	21.62	<=33.01	Pass
			50	20.95	0.41	21.36	<=33.01	Pass
	100	0	21.33	0.41	21.74	<=33.01	Pass	
	1882.5	1	0	21.72	0.41	22.13	<=33.01	Pass
			50	22.10	0.41	22.51	<=33.01	Pass
			99	21.62	0.41	22.03	<=33.01	Pass

		50	0	20.78	0.41	21.19	<=33.01	Pass		
			25	20.97	0.41	21.38	<=33.01	Pass		
			50	20.87	0.41	21.28	<=33.01	Pass		
		100	0	20.80	0.41	21.21	<=33.01	Pass		
			1905	1	0	21.53	0.41	21.94	<=33.01	Pass
					50	21.92	0.41	22.33	<=33.01	Pass
	99	21.41			0.41	21.82	<=33.01	Pass		
	50	0	20.73	0.41	21.14	<=33.01	Pass			
		25	20.78	0.41	21.19	<=33.01	Pass			
		50	20.63	0.41	21.04	<=33.01	Pass			
	100	0	20.71	0.41	21.12	<=33.01	Pass			
	16QAM	1860	1	0	21.32	0.41	21.73	<=33.01	Pass	
				50	21.66	0.41	22.07	<=33.01	Pass	
				99	21.01	0.41	21.42	<=33.01	Pass	
			50	0	20.56	0.41	20.97	<=33.01	Pass	
25				20.32	0.41	20.73	<=33.01	Pass		
50				19.99	0.41	20.40	<=33.01	Pass		
100			0	20.41	0.41	20.82	<=33.01	Pass		
1882.5			1	0	20.86	0.41	21.27	<=33.01	Pass	
				50	21.27	0.41	21.68	<=33.01	Pass	
		99		20.87	0.41	21.28	<=33.01	Pass		
		50	0	19.81	0.41	20.22	<=33.01	Pass		
			25	20.01	0.41	20.42	<=33.01	Pass		
			50	19.99	0.41	20.40	<=33.01	Pass		
		100	0	19.87	0.41	20.28	<=33.01	Pass		
		1905	1	0	21.10	0.41	21.51	<=33.01	Pass	
				50	21.37	0.41	21.78	<=33.01	Pass	
99				21.04	0.41	21.45	<=33.01	Pass		
50			0	19.79	0.41	20.20	<=33.01	Pass		
			25	19.81	0.41	20.22	<=33.01	Pass		
			50	19.67	0.41	20.08	<=33.01	Pass		
100			0	19.79	0.41	20.20	<=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	1.101	0.0006	-2.5 to 2.5	Pass	
					3.85	-18.139	-0.0098	-2.5 to 2.5	Pass	
					4.43	-12.217	-0.0066	-2.5 to 2.5	Pass	
				-30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass	
					-20	3.85	4.749	0.0026	-2.5 to 2.5	Pass
					-10	3.85	-9.084	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-11.702	-0.0063	-2.5 to 2.5	Pass	
					10	3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
					30	3.85	-17.681	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass	
					50	3.85	-16.265	-0.0088	-2.5 to 2.5	Pass

	1882.5	6	0	20	3.27	-7.167	-0.0038	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-8.712	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-21.472	-0.0114	-2.5 to 2.5	Pass
				0	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				10	3.85	-16.379	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-6.480	-0.0034	-2.5 to 2.5	Pass
	40	3.85	-11.659	-0.0062	-2.5 to 2.5	Pass			
	50	3.85	2.804	0.0015	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	-8.140	-0.0043	-2.5 to 2.5	Pass
					3.85	-12.102	-0.0063	-2.5 to 2.5	Pass
					4.43	-19.112	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-15.678	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-10.343	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-10.242	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-12.488	-0.0065	-2.5 to 2.5	Pass
10				3.85	-8.597	-0.0045	-2.5 to 2.5	Pass	
30				3.85	-3.505	-0.0018	-2.5 to 2.5	Pass	
40	3.85	-12.345	-0.0064	-2.5 to 2.5	Pass				
50	3.85	-11.415	-0.0060	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-7.639	-0.0041	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
					4.43	-6.723	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	5.965	0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-16.866	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-8.955	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-7.195	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-13.018	-0.0070	-2.5 to 2.5	Pass
	40	3.85	-18.783	-0.0101	-2.5 to 2.5	Pass			
	50	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	1.616	0.0009	-2.5 to 2.5	Pass
					3.85	-9.727	-0.0052	-2.5 to 2.5	Pass
					4.43	5.307	0.0028	-2.5 to 2.5	Pass
				-30	3.85	-9.570	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.059	0.0006	-2.5 to 2.5	Pass
10				3.85	-12.674	-0.0067	-2.5 to 2.5	Pass	
30				3.85	-10.028	-0.0053	-2.5 to 2.5	Pass	
40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass				
50	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass				
1914.3	6	0	20	3.27	-7.052	-0.0037	-2.5 to 2.5	Pass	
				3.85	9.627	0.0050	-2.5 to 2.5	Pass	
				4.43	-9.499	-0.0050	-2.5 to 2.5	Pass	
			-30	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass	
			-20	3.85	-5.980	-0.0031	-2.5 to 2.5	Pass	
			-10	3.85	0.157	0.0001	-2.5 to 2.5	Pass	
			0	3.85	3.791	0.0020	-2.5 to 2.5	Pass	
			10	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass	
			30	3.85	5.121	0.0027	-2.5 to 2.5	Pass	
40	3.85	-13.618	-0.0071	-2.5 to 2.5	Pass				
50	3.85	-12.102	-0.0063	-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	8.998	0.0049	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	5.779	0.0031	-2.5 to 2.5	Pass
				-30	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-8.268	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-5.093	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0027	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0041	-2.5 to 2.5	Pass
	50	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-1.202	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-9.356	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-11.501	-0.0061	-2.5 to 2.5	Pass
				10	3.85	9.842	0.0052	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				40	3.85	4.921	0.0026	-2.5 to 2.5	Pass
	50	3.85	-17.066	-0.0091	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	-1.416	-0.0007	-2.5 to 2.5	Pass
					3.85	-18.811	-0.0098	-2.5 to 2.5	Pass
					4.43	-20.628	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-11.988	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-14.262	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-12.231	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-10.557	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-11.930	-0.0062	-2.5 to 2.5	Pass
30				3.85	-8.154	-0.0043	-2.5 to 2.5	Pass	
40				3.85	-16.780	-0.0088	-2.5 to 2.5	Pass	
50	3.85	6.537	0.0034	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-21.558	-0.0116	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0023	-2.5 to 2.5	Pass
					4.43	0.830	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	6.981	0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0027	-2.5 to 2.5	Pass
				0	3.85	9.971	0.0054	-2.5 to 2.5	Pass
				10	3.85	-7.467	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-10.943	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
	50	3.85	4.034	0.0022	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-15.807	-0.0084	-2.5 to 2.5	Pass
					3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
					4.43	0.830	0.0004	-2.5 to 2.5	Pass
				-30	3.85	4.864	0.0026	-2.5 to 2.5	Pass
				-20	3.85	1.945	0.0010	-2.5 to 2.5	Pass

				-10	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-10.457	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-7.510	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-13.247	-0.0069	-2.5 to 2.5	Pass
					3.85	-14.963	-0.0078	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-12.360	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	5.593	0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				10	3.85	0.658	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				40	3.85	3.877	0.0020	-2.5 to 2.5	Pass
				50	3.85	-7.153	-0.0037	-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	-4.206	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-7.353	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-13.089	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-9.699	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-8.283	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-10.872	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-9.999	-0.0054	-2.5 to 2.5	Pass
				1882.5	25	0	20	3.27	-1.230
	3.85	4.334	0.0023					-2.5 to 2.5	Pass
	4.43	-4.792	-0.0025					-2.5 to 2.5	Pass
	-30	3.85	-3.448				-0.0018	-2.5 to 2.5	Pass
	-20	3.85	-4.449				-0.0024	-2.5 to 2.5	Pass
	-10	3.85	0.186				0.0001	-2.5 to 2.5	Pass
	0	3.85	-6.166				-0.0033	-2.5 to 2.5	Pass
	10	3.85	-14.977				-0.0080	-2.5 to 2.5	Pass
	30	3.85	-7.439				-0.0040	-2.5 to 2.5	Pass
	40	3.85	-9.685				-0.0051	-2.5 to 2.5	Pass
	50	3.85	-15.793				-0.0084	-2.5 to 2.5	Pass
	1912.5	25	0				20	3.27	-7.510
				3.85	-12.217	-0.0064		-2.5 to 2.5	Pass
				4.43	-21.186	-0.0111		-2.5 to 2.5	Pass
				-30	3.85	-11.945	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-7.854	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-13.390	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-13.247	-0.0069	-2.5 to 2.5	Pass

				30	3.85	-7.410	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-9.356	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-10.428	-0.0055	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-4.621	-0.0025	-2.5 to 2.5	Pass
					3.85	2.317	0.0013	-2.5 to 2.5	Pass
					4.43	-4.792	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-7.725	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.224	-0.0039	-2.5 to 2.5	Pass
				30	3.85	5.007	0.0027	-2.5 to 2.5	Pass
				40	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
	50	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	-9.642	-0.0051	-2.5 to 2.5	Pass
					3.85	-8.755	-0.0047	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.749	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-7.510	-0.0040	-2.5 to 2.5	Pass
				10	3.85	4.649	0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
	50	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	-8.984	-0.0047	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0016	-2.5 to 2.5	Pass
					4.43	-5.679	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.546	-0.0013	-2.5 to 2.5	Pass
30				3.85	-13.876	-0.0073	-2.5 to 2.5	Pass	
40				3.85	7.310	0.0038	-2.5 to 2.5	Pass	
50	3.85	-12.345	-0.0065	-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	-2.804	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-6.852	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
				10	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				40	3.85	3.691	0.0020	-2.5 to 2.5	Pass
50	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass				

	1882.5	50	0	20	3.27	-5.722	-0.0030	-2.5 to 2.5	Pass	
					3.85	-1.760	-0.0009	-2.5 to 2.5	Pass	
					4.43	-3.247	-0.0017	-2.5 to 2.5	Pass	
				-30	3.85	-6.881	-0.0037	-2.5 to 2.5	Pass	
					-20	3.85	-8.769	-0.0047	-2.5 to 2.5	Pass
						3.85	-11.730	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass	
				10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass	
				30	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass	
	40	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass				
	50	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass				
	1910	50	0	20	3.27	-11.730	-0.0061	-2.5 to 2.5	Pass	
					3.85	-10.271	-0.0054	-2.5 to 2.5	Pass	
					4.43	-12.875	-0.0067	-2.5 to 2.5	Pass	
				-30	3.85	-13.232	-0.0069	-2.5 to 2.5	Pass	
					-20	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
						3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass	
10				3.85	-5.980	-0.0031	-2.5 to 2.5	Pass		
30				3.85	-8.340	-0.0044	-2.5 to 2.5	Pass		
40	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass					
50	3.85	-10.586	-0.0055	-2.5 to 2.5	Pass					
16QAM	1855	50	0	20	3.27	2.761	0.0015	-2.5 to 2.5	Pass	
					3.85	3.018	0.0016	-2.5 to 2.5	Pass	
					4.43	-4.635	-0.0025	-2.5 to 2.5	Pass	
				-30	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass	
					-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
						3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				0	3.85	6.981	0.0038	-2.5 to 2.5	Pass	
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass	
				30	3.85	-7.625	-0.0041	-2.5 to 2.5	Pass	
	40	3.85	8.254	0.0044	-2.5 to 2.5	Pass				
	50	3.85	-9.928	-0.0054	-2.5 to 2.5	Pass				
	1882.5	50	0	20	3.27	-1.631	-0.0009	-2.5 to 2.5	Pass	
					3.85	-1.602	-0.0009	-2.5 to 2.5	Pass	
					4.43	-1.831	-0.0010	-2.5 to 2.5	Pass	
				-30	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass	
					-20	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
						3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-9.270	-0.0049	-2.5 to 2.5	Pass	
10				3.85	-7.038	-0.0037	-2.5 to 2.5	Pass		
30				3.85	-3.691	-0.0020	-2.5 to 2.5	Pass		
40	3.85	2.203	0.0012	-2.5 to 2.5	Pass					
50	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass					
1910	50	0	20	3.27	-11.473	-0.0060	-2.5 to 2.5	Pass		
				3.85	-11.802	-0.0062	-2.5 to 2.5	Pass		
				4.43	-7.081	-0.0037	-2.5 to 2.5	Pass		
			-30	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass		
				-20	3.85	-18.110	-0.0095	-2.5 to 2.5	Pass	
					3.85	-12.517	-0.0066	-2.5 to 2.5	Pass	
			0	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass		
			10	3.85	-10.057	-0.0053	-2.5 to 2.5	Pass		
			30	3.85	-13.876	-0.0073	-2.5 to 2.5	Pass		
40	3.85	-2.747	-0.0014	-2.5 to 2.5	Pass					
50	3.85	1.545	0.0008	-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	1.903	0.0010	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
					4.43	-9.184	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-8.368	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-9.756	-0.0053	-2.5 to 2.5	Pass
	50	3.85	-8.454	-0.0046	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-2.704	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.317	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-10.257	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-9.642	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0032	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
	50	3.85	-11.745	-0.0062	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	1.059	0.0006	-2.5 to 2.5	Pass
					3.85	-3.333	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-10.729	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-10.285	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-11.344	-0.0059	-2.5 to 2.5	Pass
30				3.85	-3.161	-0.0017	-2.5 to 2.5	Pass	
40				3.85	-11.644	-0.0061	-2.5 to 2.5	Pass	
50	3.85	-7.796	-0.0041	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	-9.069	-0.0049	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0038	-2.5 to 2.5	Pass
					4.43	-3.705	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-12.403	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.865	-0.0032	-2.5 to 2.5	Pass
	50	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-2.961	-0.0016	-2.5 to 2.5	Pass
					3.85	-9.885	-0.0053	-2.5 to 2.5	Pass
					4.43	-13.790	-0.0073	-2.5 to 2.5	Pass
-30				3.85	-3.934	-0.0021	-2.5 to 2.5	Pass	
-20	3.85	-5.379	-0.0029	-2.5 to 2.5	Pass				

				-10	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-7.439	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-12.202	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-12.803	-0.0068	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-10.300	-0.0054	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-10.228	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-11.830	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-8.397	-0.0044	-2.5 to 2.5	Pass
				50	3.85	1.402	0.0007	-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	-7.381	-0.0040	-2.5 to 2.5	Pass
					3.85	-6.809	-0.0037	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-10.786	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-12.403	-0.0067	-2.5 to 2.5	Pass
				1882.5	100	0	20	3.27	-6.995
	3.85	-8.683	-0.0046					-2.5 to 2.5	Pass
	4.43	-11.716	-0.0062					-2.5 to 2.5	Pass
	-30	3.85	-4.792				-0.0025	-2.5 to 2.5	Pass
	-20	3.85	-7.153				-0.0038	-2.5 to 2.5	Pass
	-10	3.85	-1.545				-0.0008	-2.5 to 2.5	Pass
	0	3.85	-10.586				-0.0056	-2.5 to 2.5	Pass
	10	3.85	-12.689				-0.0067	-2.5 to 2.5	Pass
	30	3.85	-6.909				-0.0037	-2.5 to 2.5	Pass
	40	3.85	-7.911				-0.0042	-2.5 to 2.5	Pass
	50	3.85	-3.505				-0.0019	-2.5 to 2.5	Pass
	1905	100	0				20	3.27	-8.984
				3.85	-10.715	-0.0056		-2.5 to 2.5	Pass
				4.43	-12.274	-0.0064		-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-5.121	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-11.988	-0.0063	-2.5 to 2.5	Pass
				10	3.85	3.390	0.0018	-2.5 to 2.5	Pass

				30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-7.482	-0.0039	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-9.027	-0.0049	-2.5 to 2.5	Pass
					3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.120	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-8.326	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass
				1882.5	100	0	20	3.27	-6.609
	3.85	-2.217	-0.0012					-2.5 to 2.5	Pass
	4.43	-5.565	-0.0030					-2.5 to 2.5	Pass
	-30	3.85	-2.646				-0.0014	-2.5 to 2.5	Pass
	-20	3.85	-5.279				-0.0028	-2.5 to 2.5	Pass
	-10	3.85	-8.411				-0.0045	-2.5 to 2.5	Pass
	0	3.85	-5.493				-0.0029	-2.5 to 2.5	Pass
	10	3.85	-6.695				-0.0036	-2.5 to 2.5	Pass
	30	3.85	-7.639				-0.0041	-2.5 to 2.5	Pass
	40	3.85	-11.816				-0.0063	-2.5 to 2.5	Pass
	50	3.85	-0.486				-0.0003	-2.5 to 2.5	Pass
	1905	100	0				20	3.27	-8.755
				3.85	-8.211	-0.0043		-2.5 to 2.5	Pass
				4.43	0.358	0.0002		-2.5 to 2.5	Pass
				-30	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-9.613	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0043	-2.5 to 2.5	Pass
30				3.85	-5.479	-0.0029	-2.5 to 2.5	Pass	
40				3.85	-7.110	-0.0037	-2.5 to 2.5	Pass	
50				3.85	-7.782	-0.0041	-2.5 to 2.5	Pass	

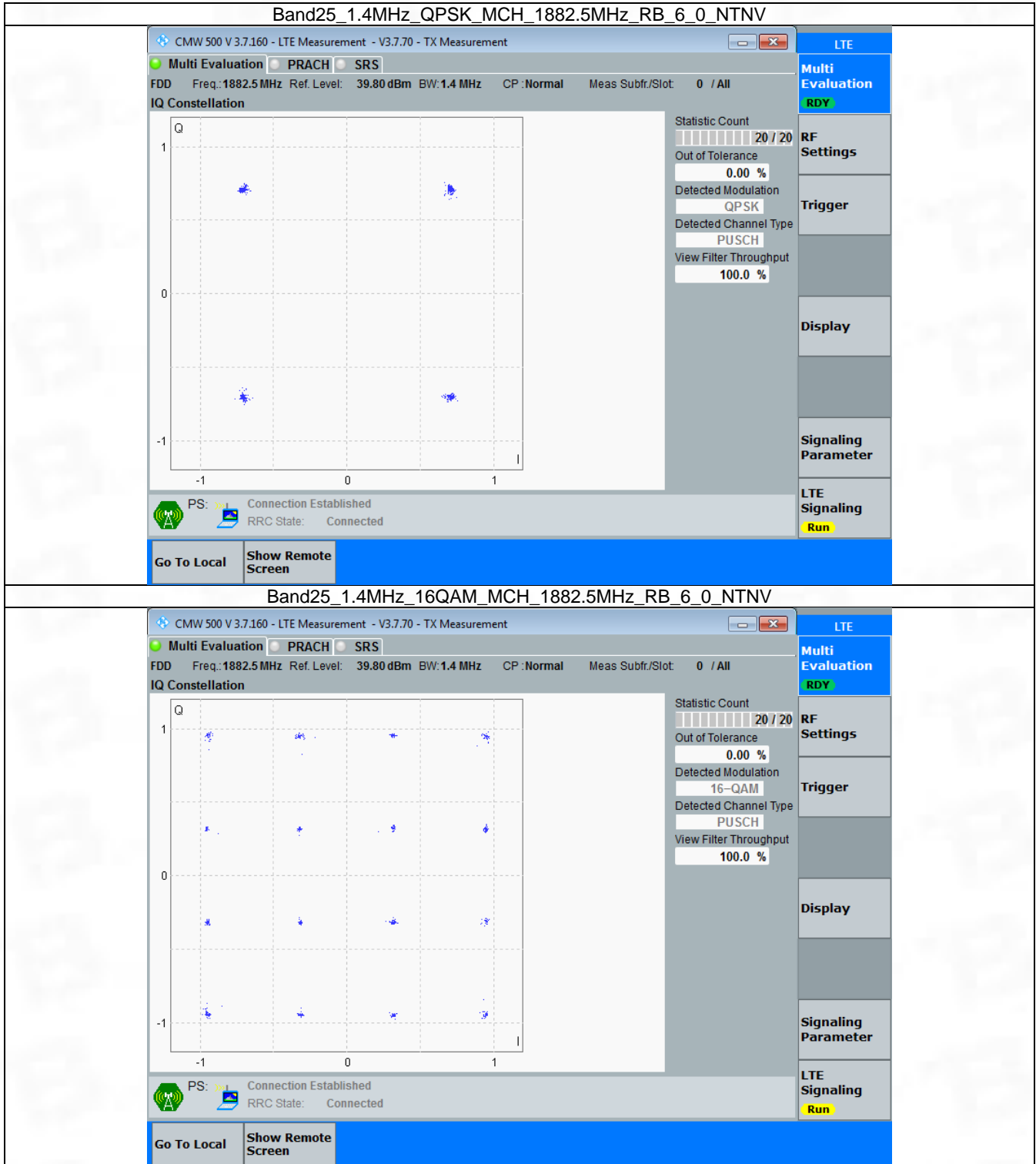
3. Modulation Characteristics

3.1 B25_1.4MHz

3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTV						
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

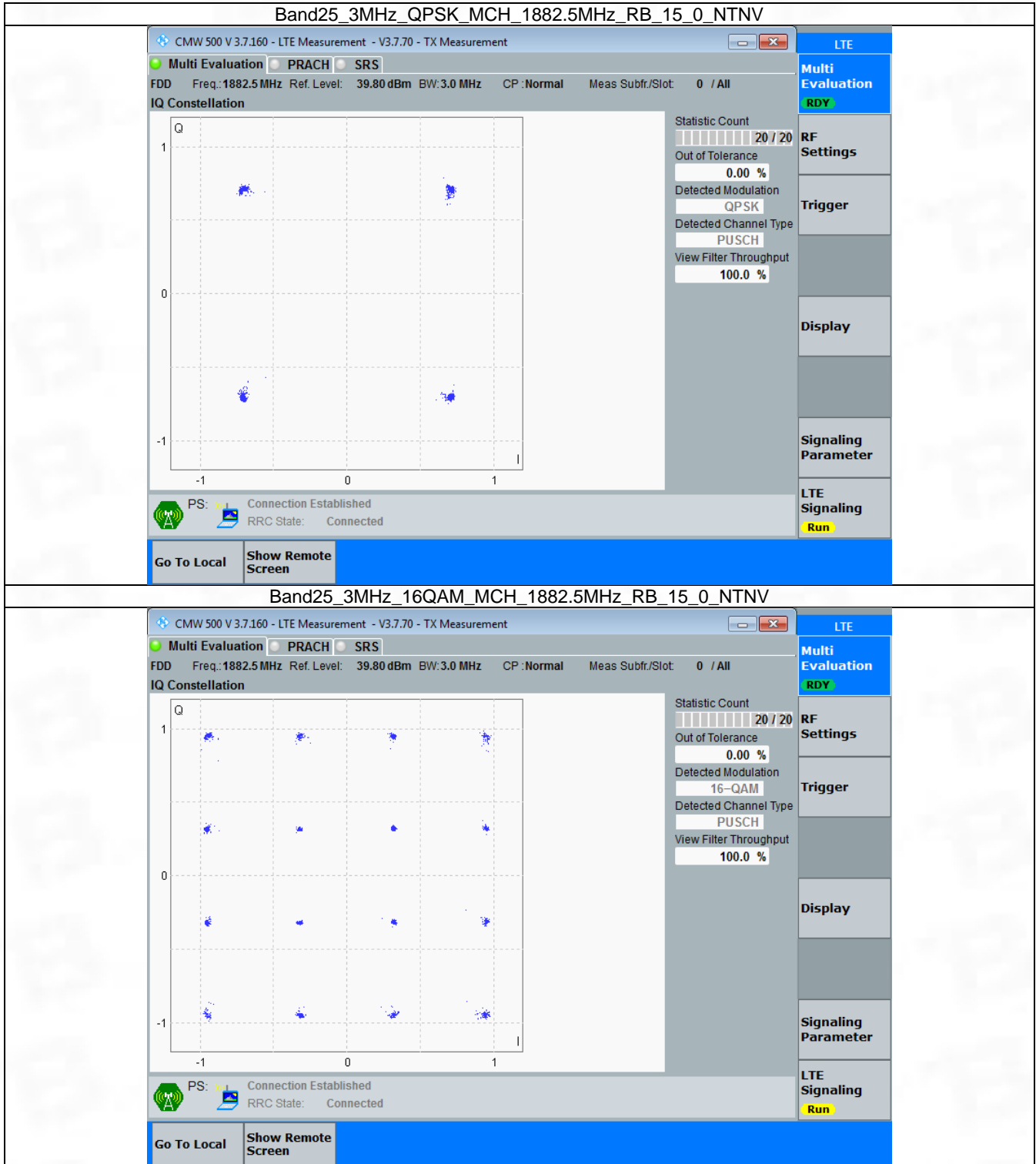


3.2 B25_3MHz

3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / 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

3.2.2 Test Graph

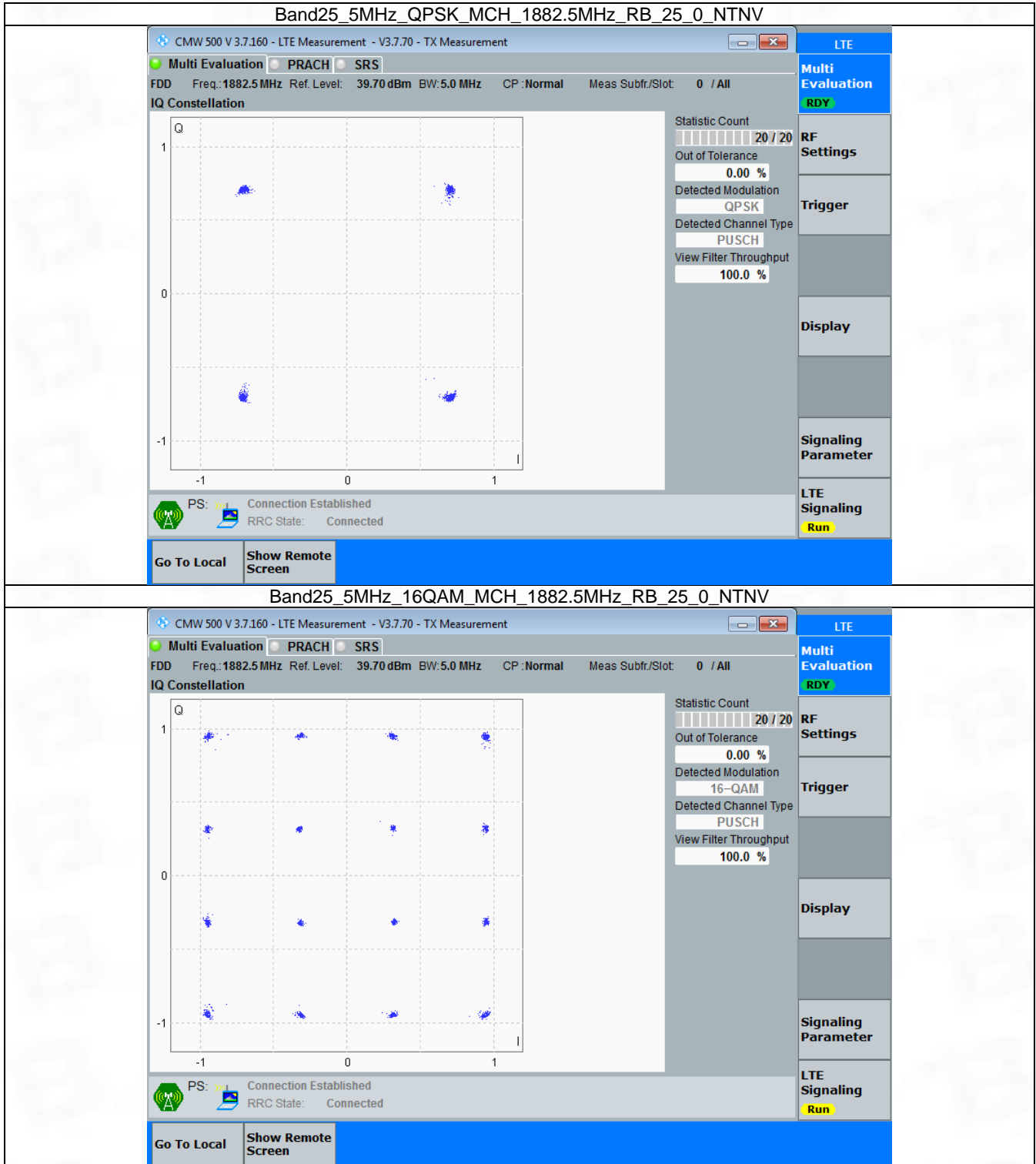


3.3 B25_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

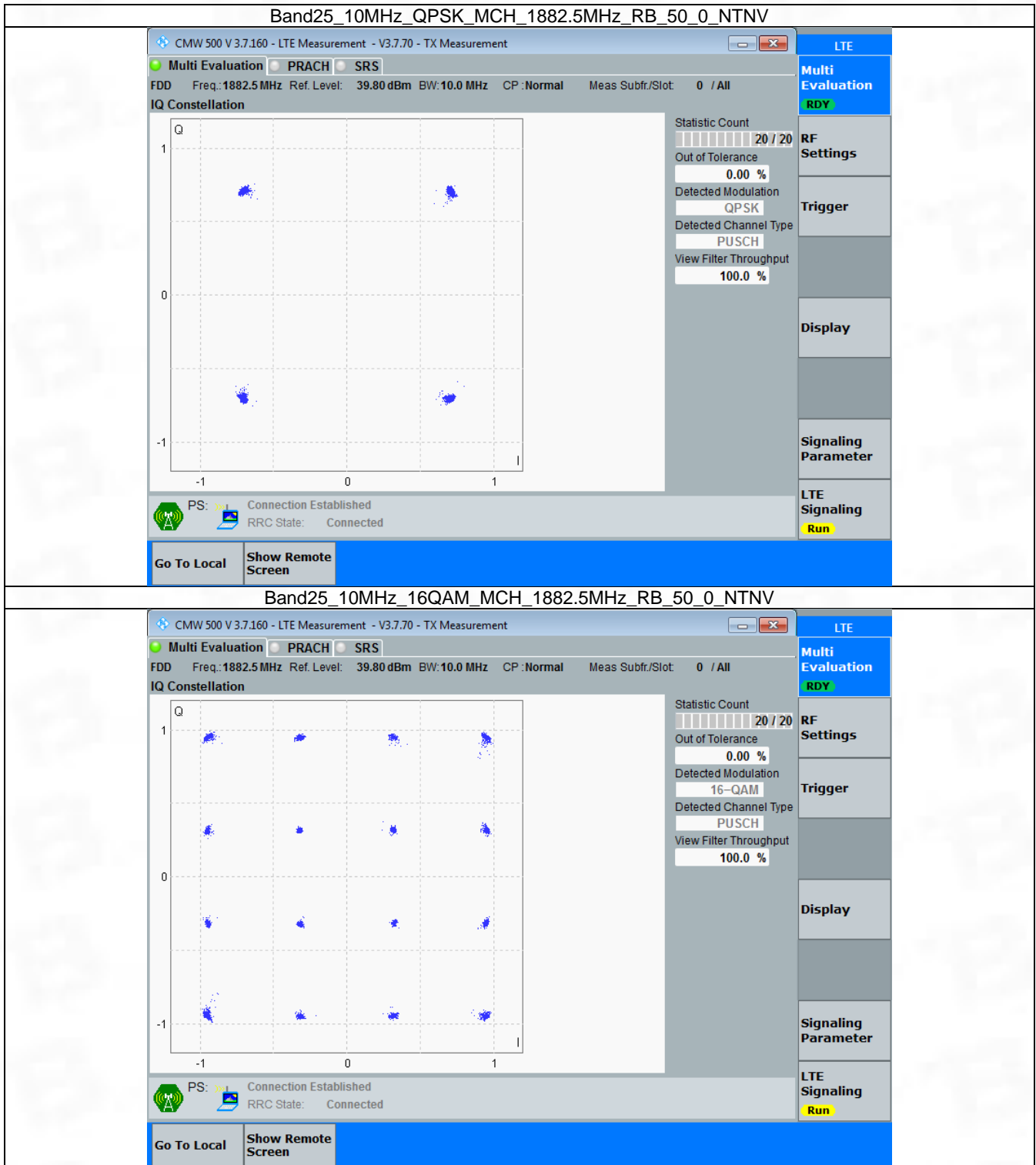


3.4 B25_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph

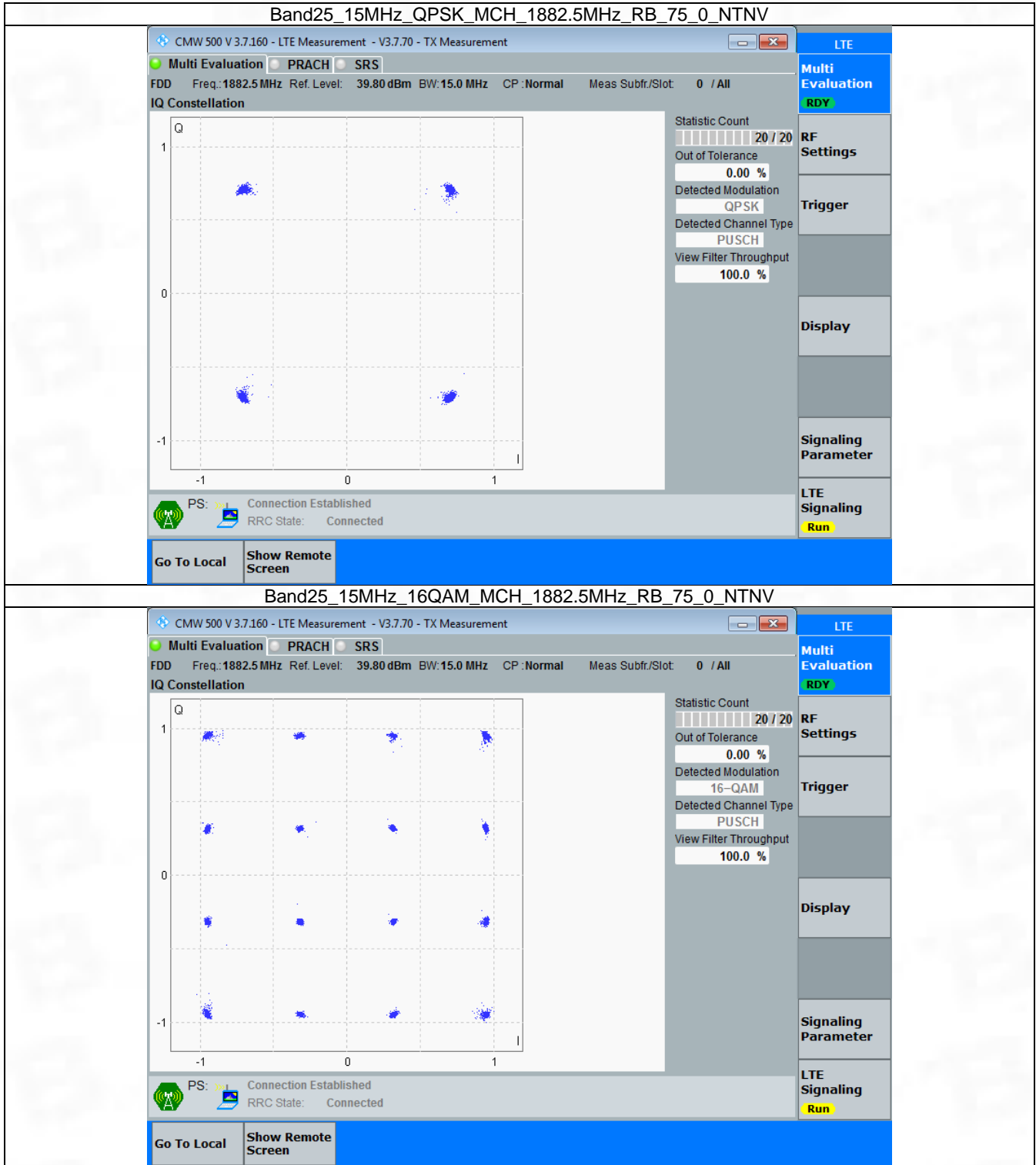


3.5 B25_15MHz

3.5.1 Test Result

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

3.5.2 Test Graph

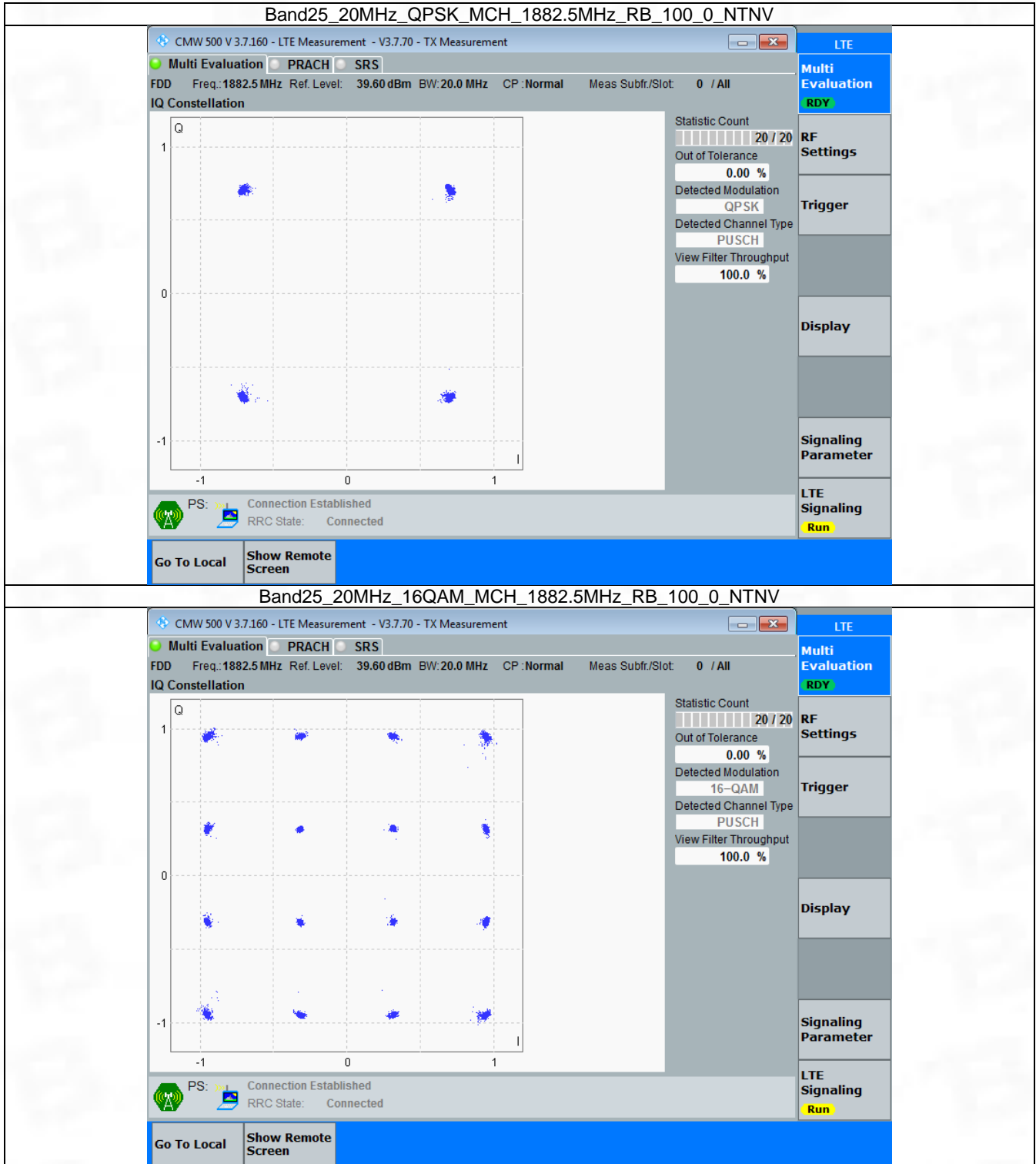


3.6 B25_20MHz

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



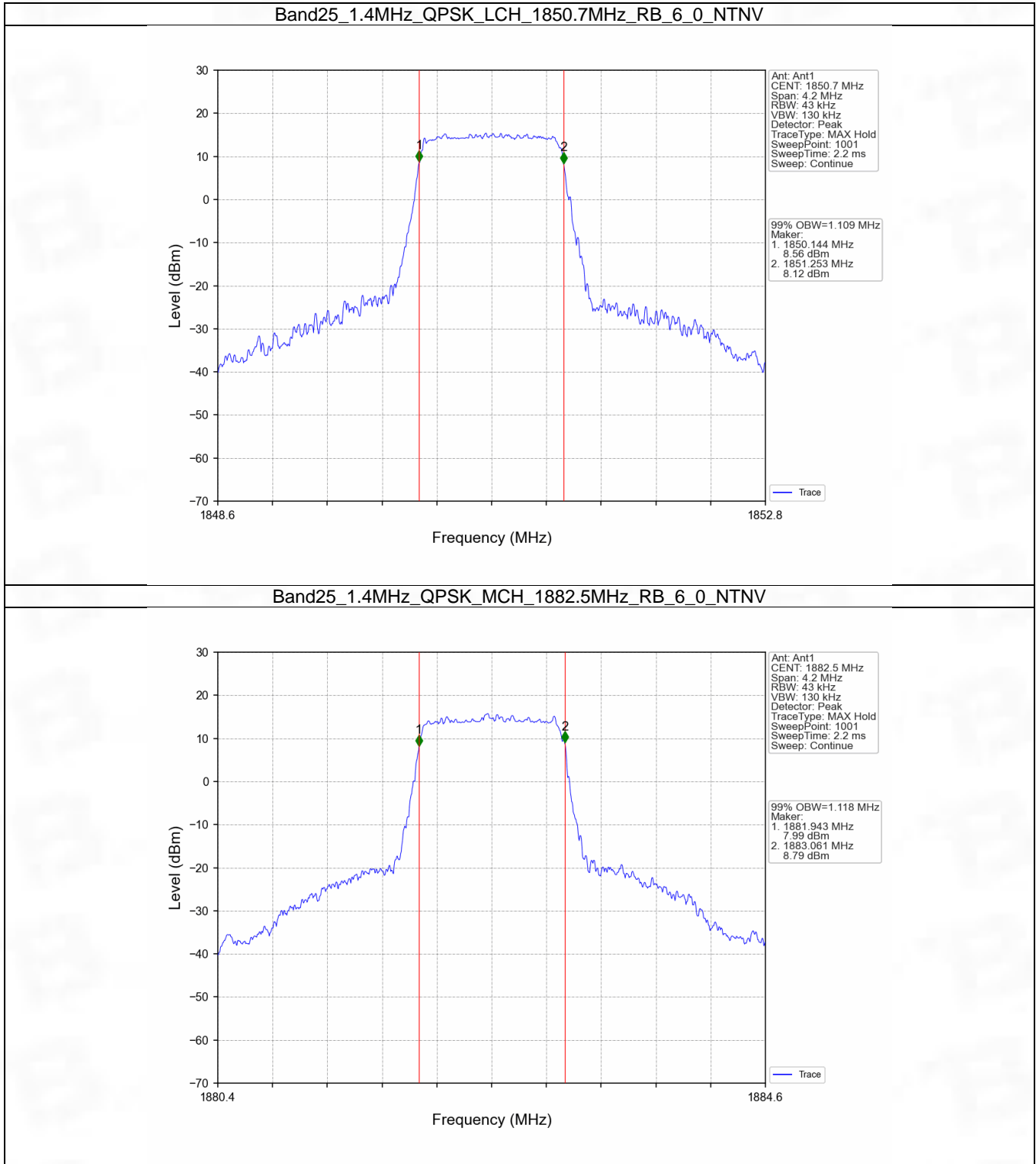
4. 99% & 26dB Bandwidth

4.1 Band25_OBW

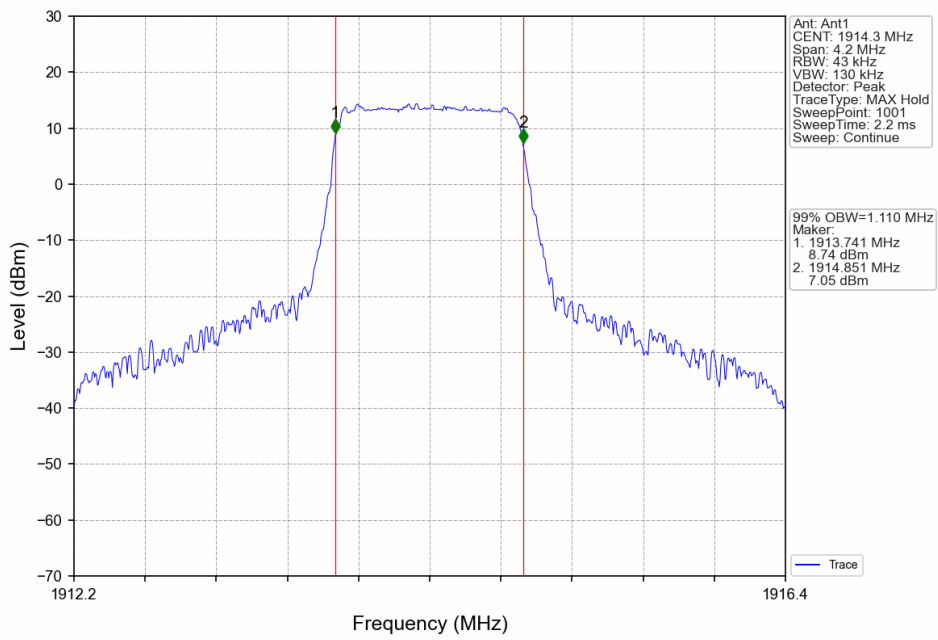
4.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.109	Pass
		1882.5	6	0	1.118	Pass
		1914.3	6	0	1.110	Pass
	16QAM	1850.7	6	0	1.101	Pass
		1882.5	6	0	1.110	Pass
		1914.3	6	0	1.114	Pass
3	QPSK	1851.5	15	0	2.728	Pass
		1882.5	15	0	2.727	Pass
		1913.5	15	0	2.727	Pass
	16QAM	1851.5	15	0	2.729	Pass
		1882.5	15	0	2.722	Pass
		1913.5	15	0	2.725	Pass
5	QPSK	1852.5	25	0	4.582	Pass
		1882.5	25	0	4.555	Pass
		1912.5	25	0	4.574	Pass
	16QAM	1852.5	25	0	4.544	Pass
		1882.5	25	0	4.572	Pass
		1912.5	25	0	4.582	Pass
10	QPSK	1855	50	0	9.079	Pass
		1882.5	50	0	9.052	Pass
		1910	50	0	9.061	Pass
	16QAM	1855	50	0	9.068	Pass
		1882.5	50	0	9.063	Pass
		1910	50	0	9.057	Pass
15	QPSK	1857.5	75	0	13.600	Pass
		1882.5	75	0	13.549	Pass
		1907.5	75	0	13.519	Pass
	16QAM	1857.5	75	0	13.578	Pass
		1882.5	75	0	13.606	Pass
		1907.5	75	0	13.561	Pass
20	QPSK	1860	100	0	18.122	Pass
		1882.5	100	0	18.003	Pass
		1905	100	0	18.127	Pass
	16QAM	1860	100	0	18.234	Pass
		1882.5	100	0	18.077	Pass
		1905	100	0	18.079	Pass

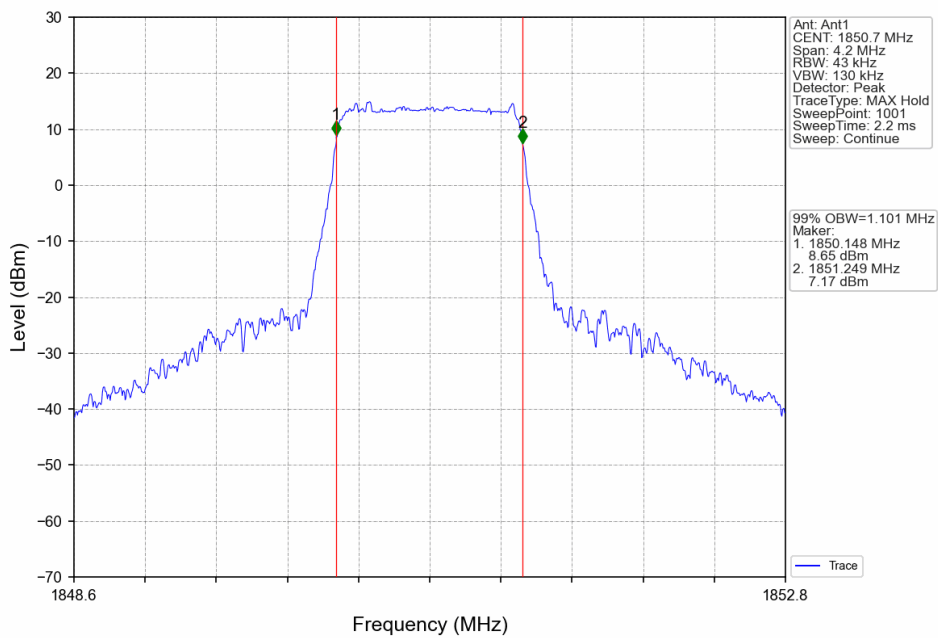
4.1.2 Test Graph



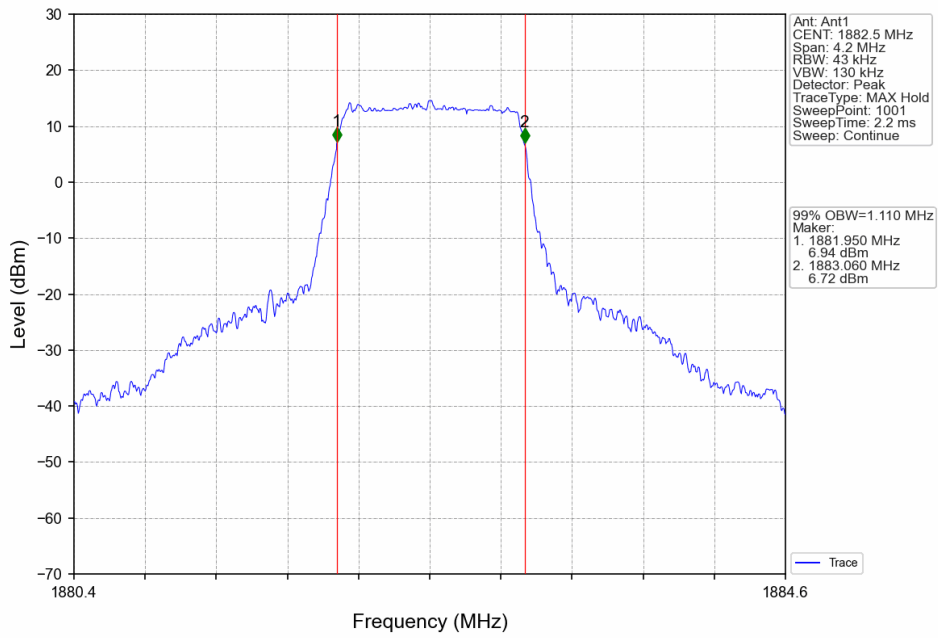
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



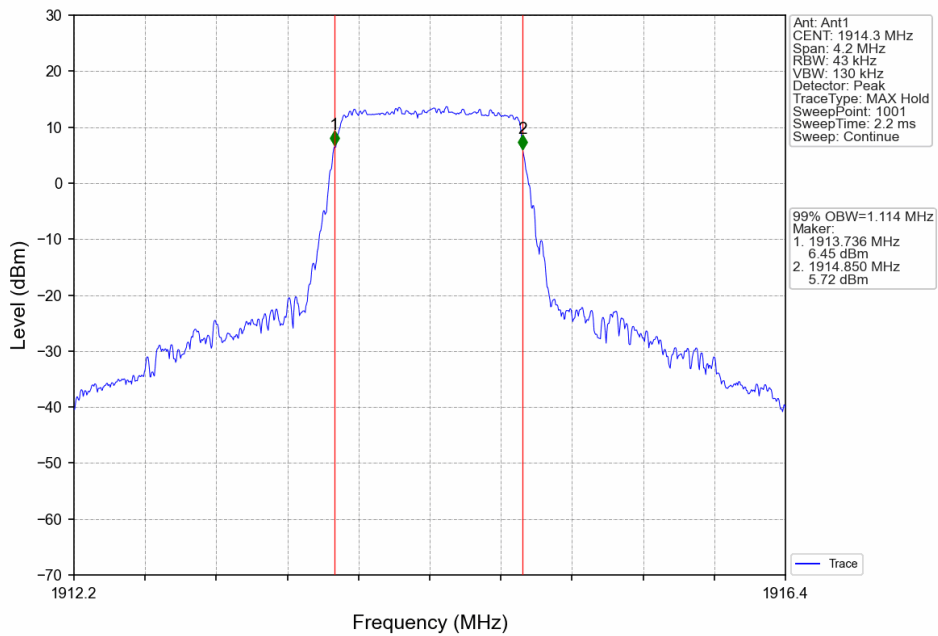
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



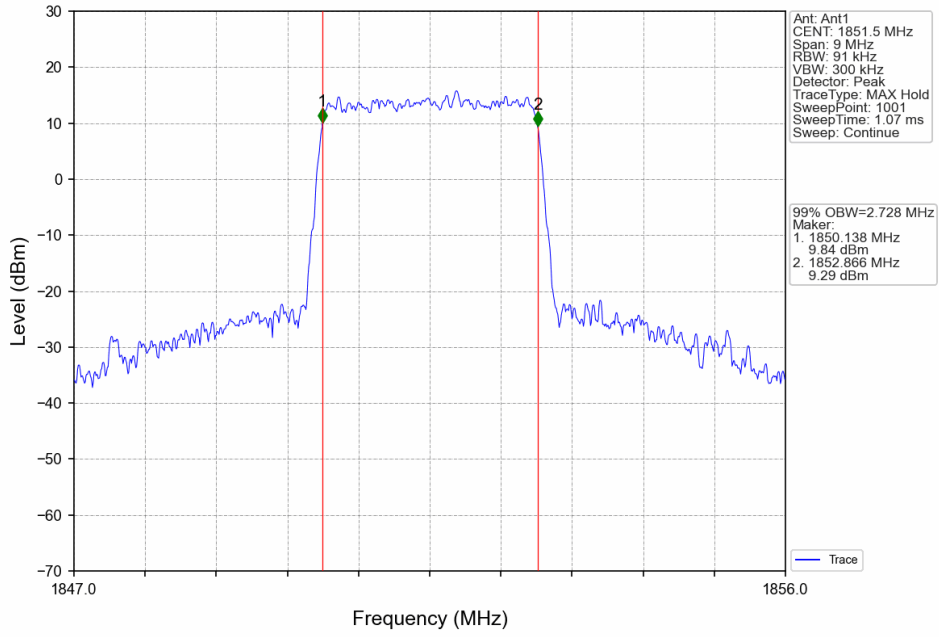
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



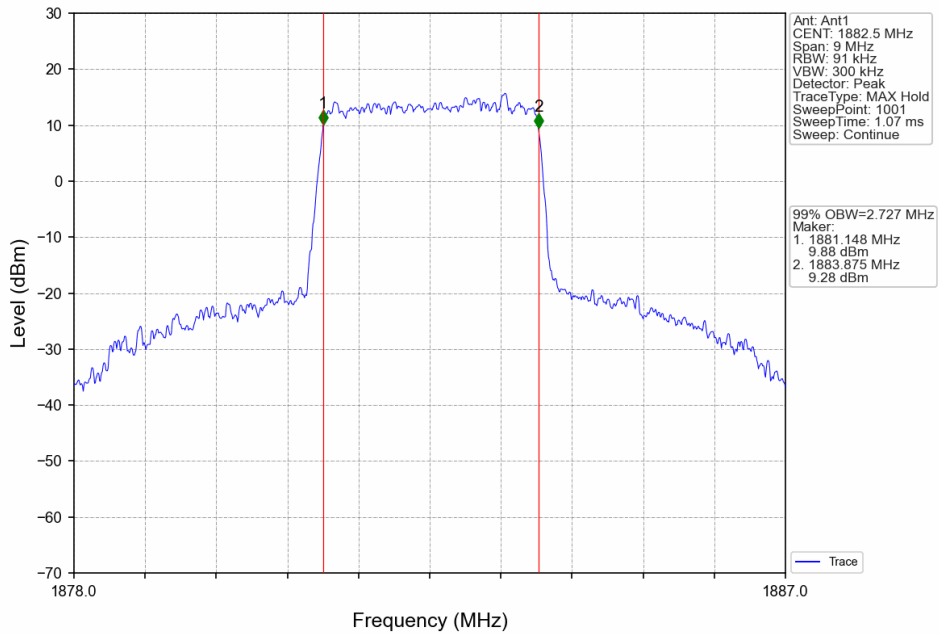
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



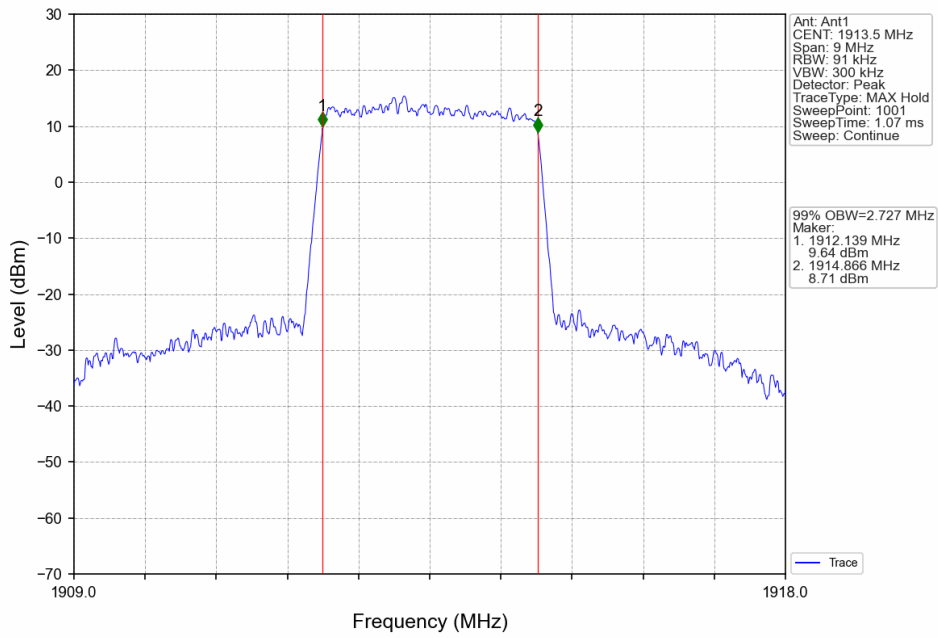
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



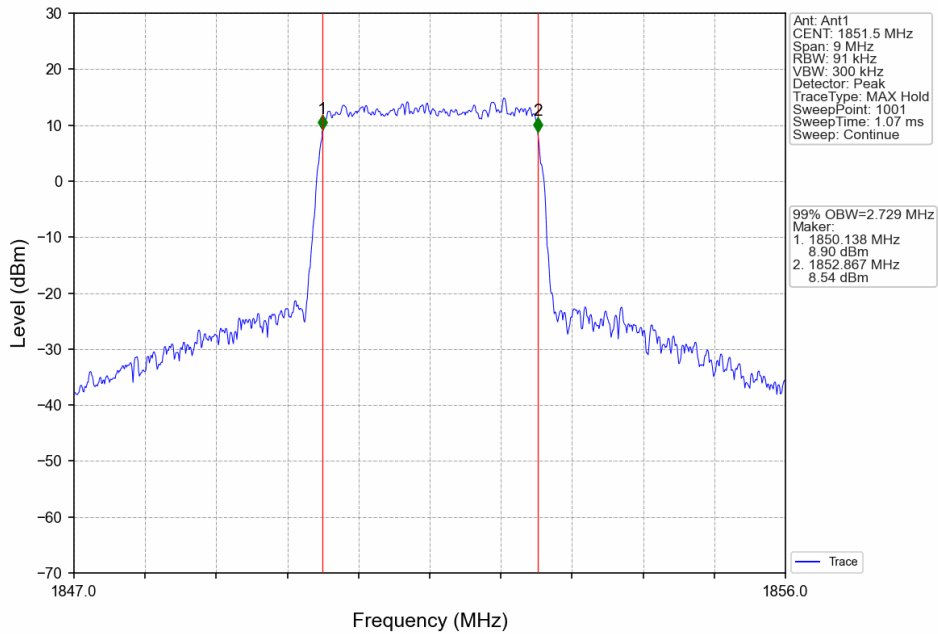
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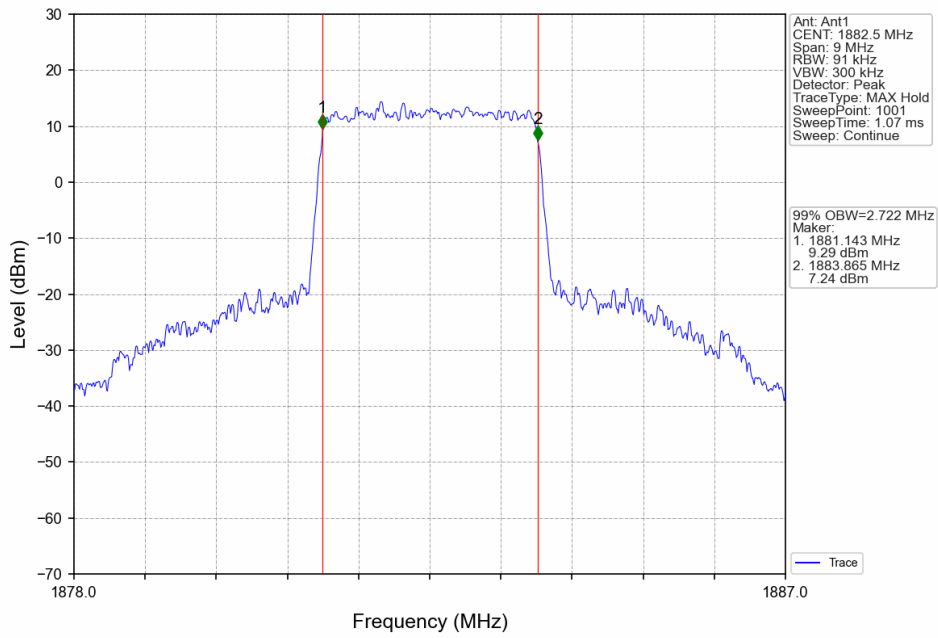
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



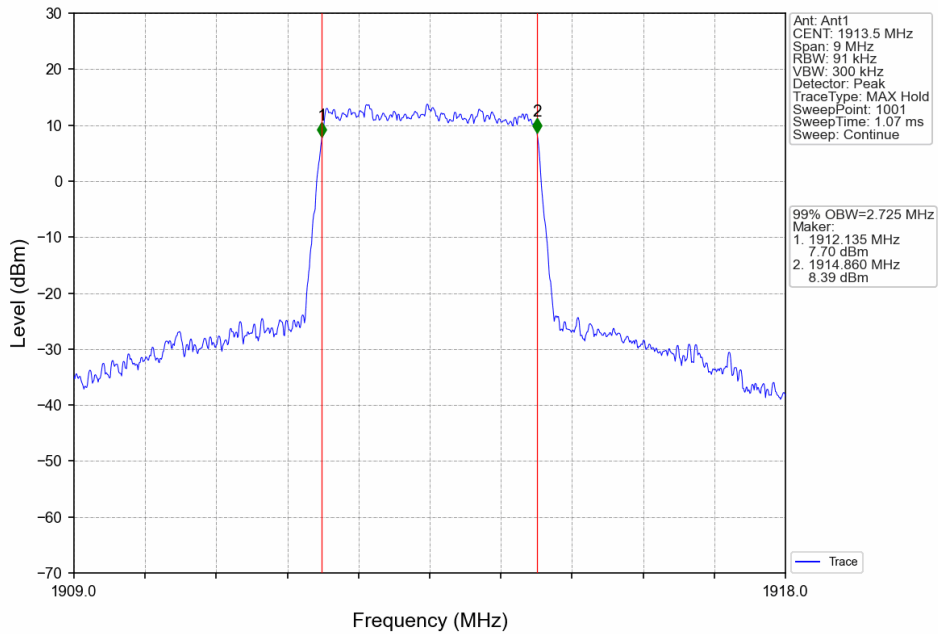
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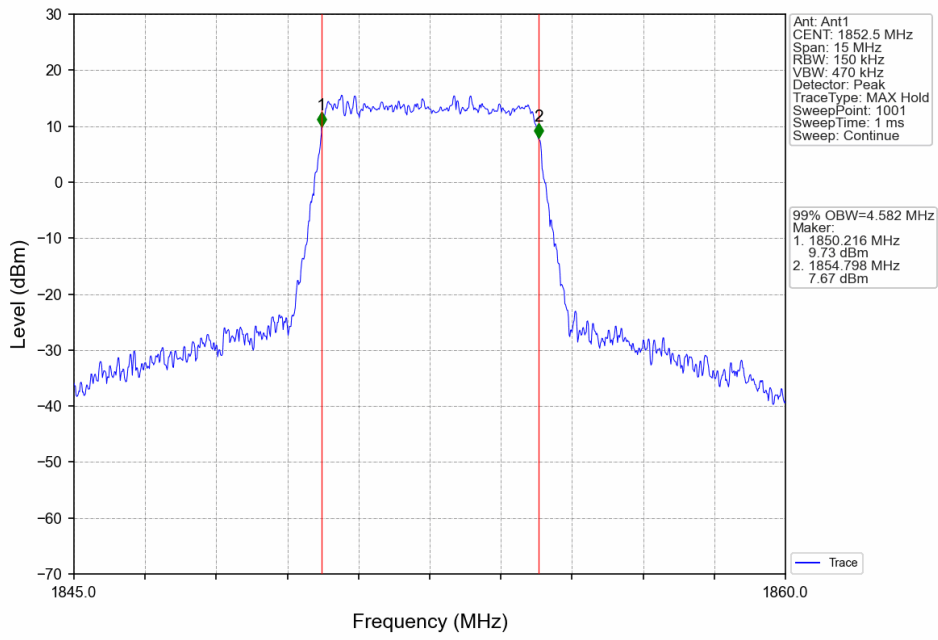
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



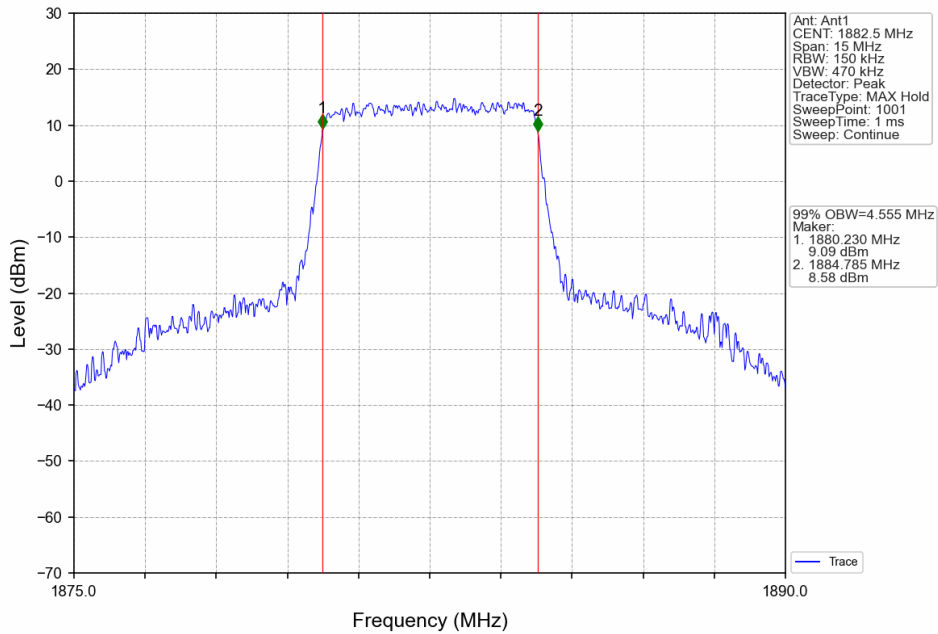
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



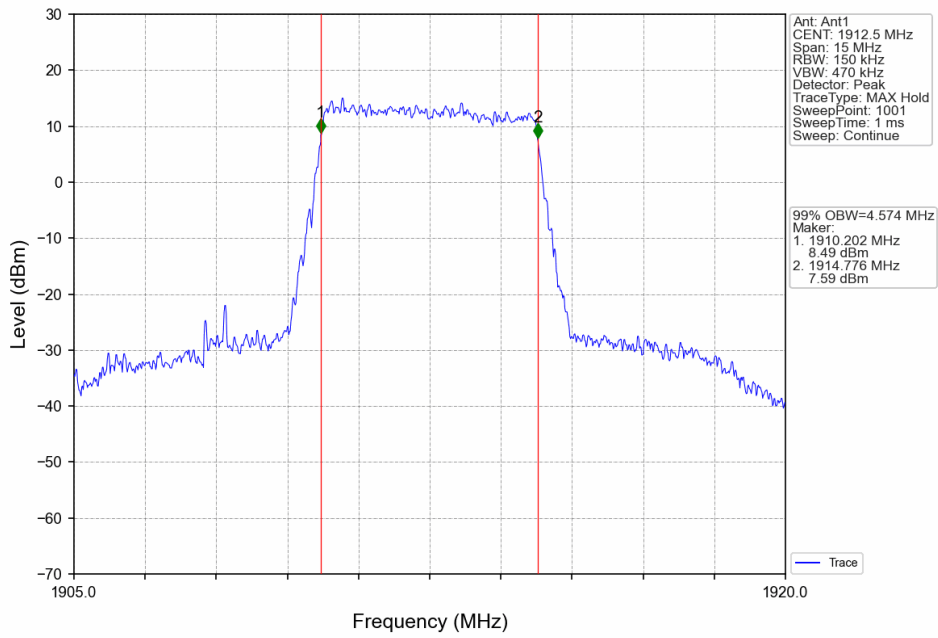
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



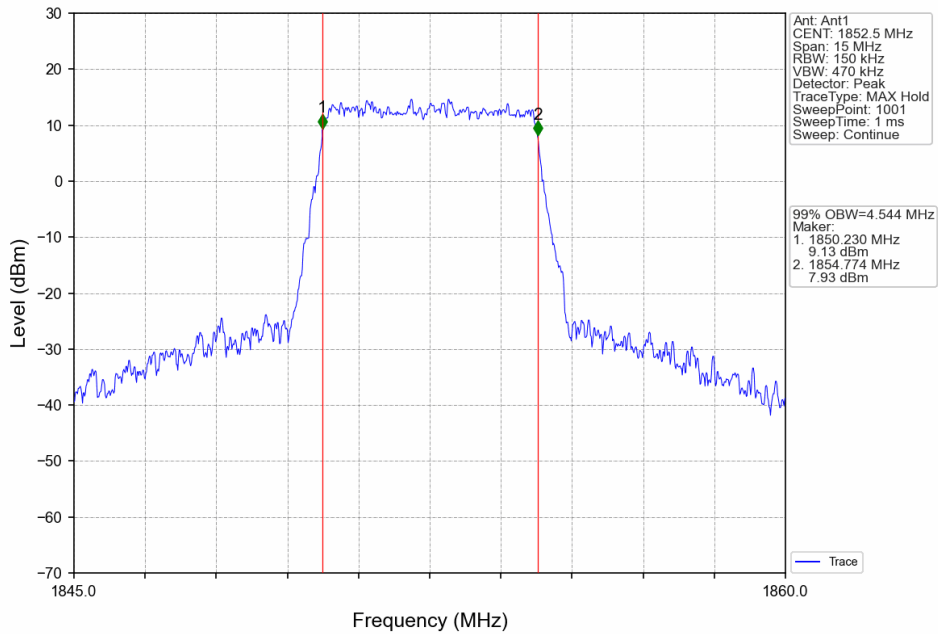
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



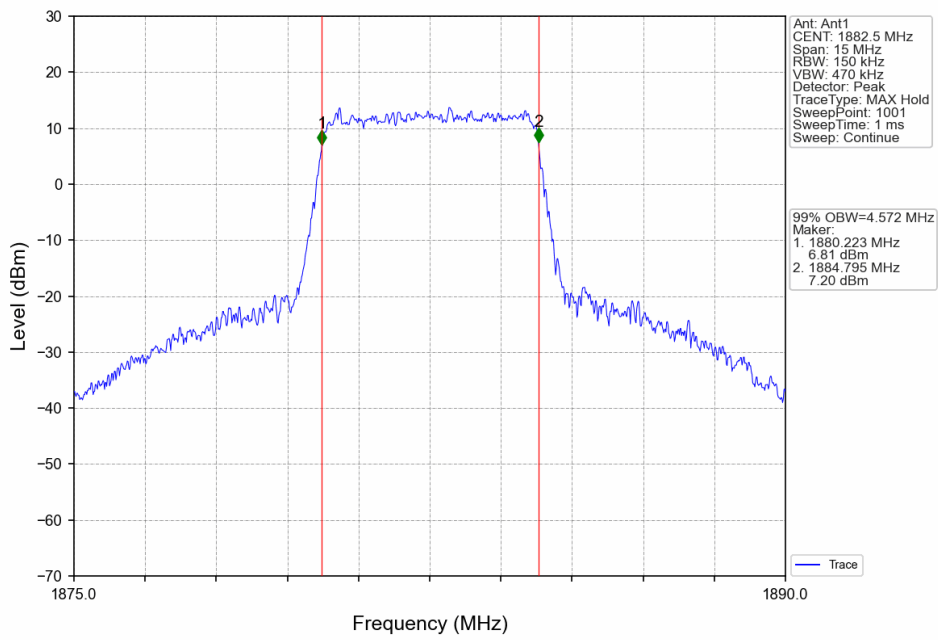
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



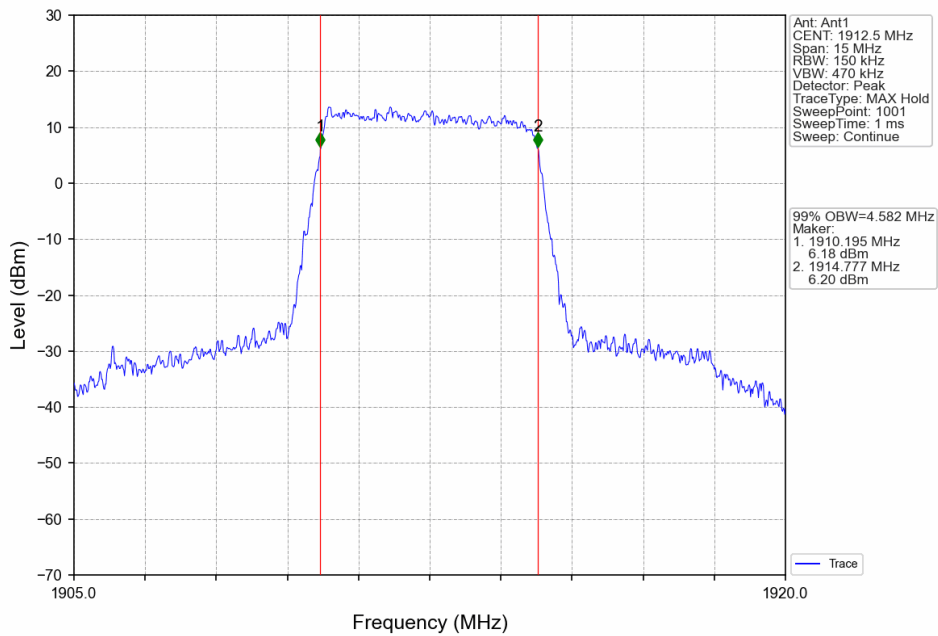
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



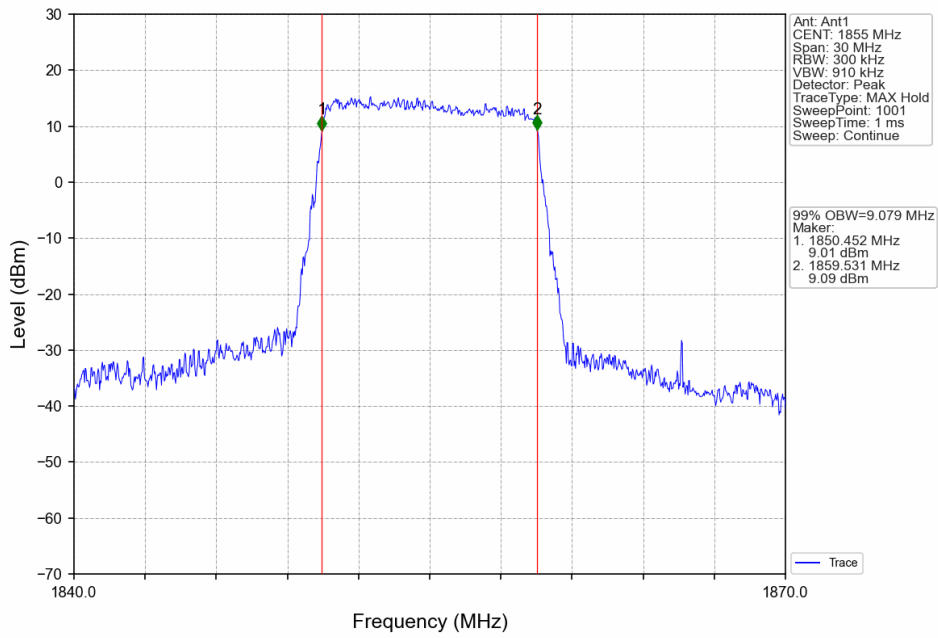
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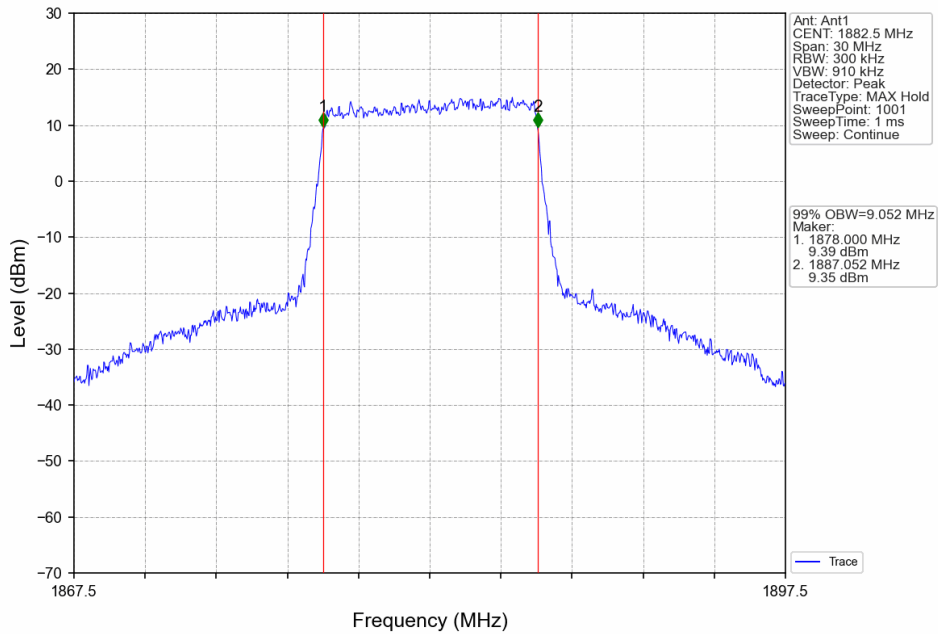
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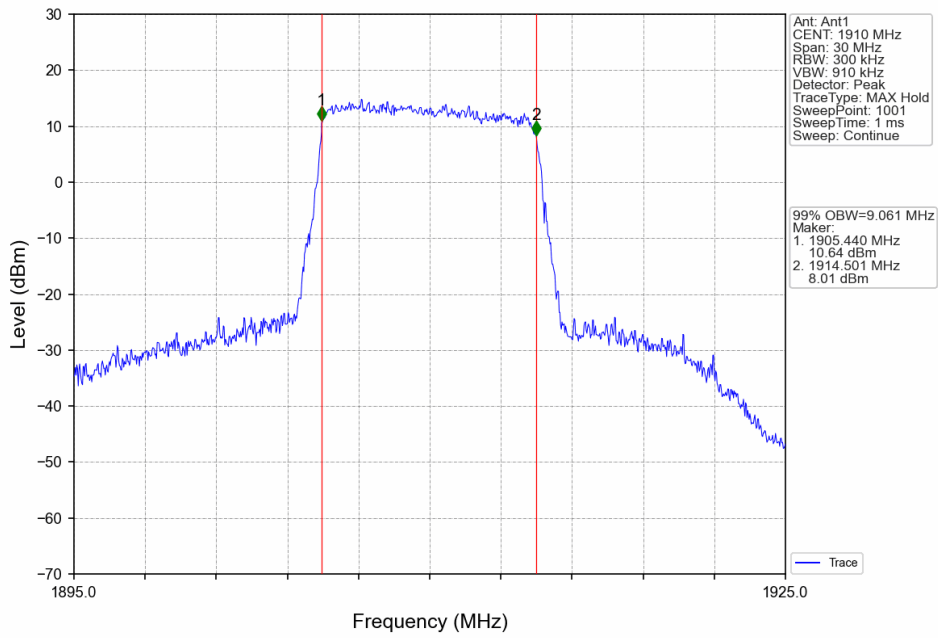
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



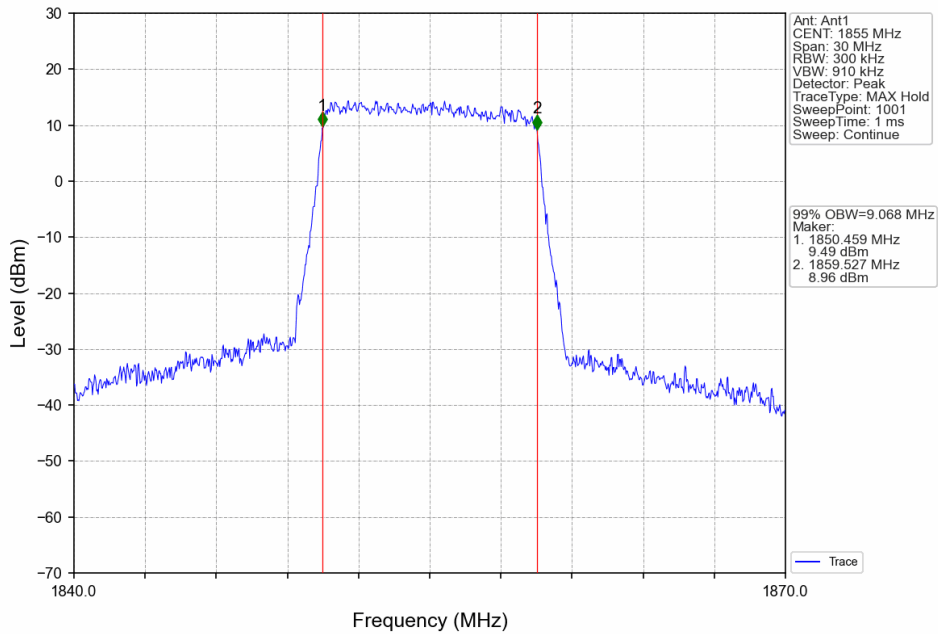
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



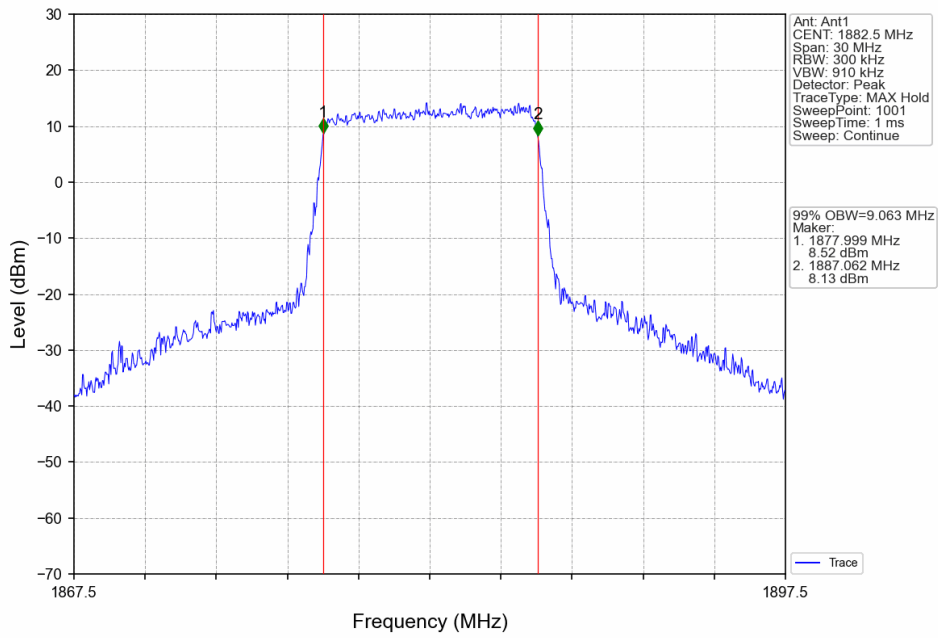
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



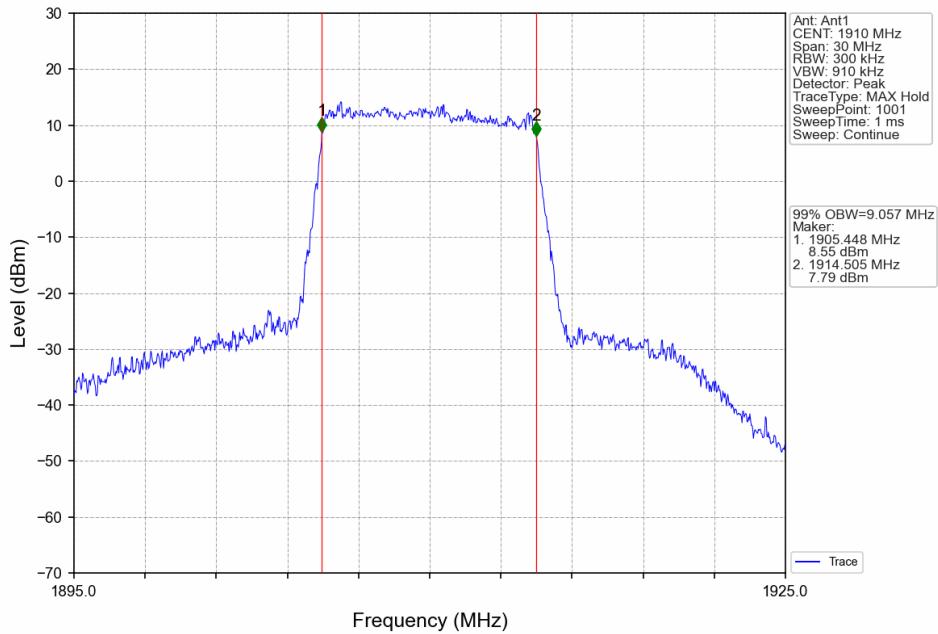
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



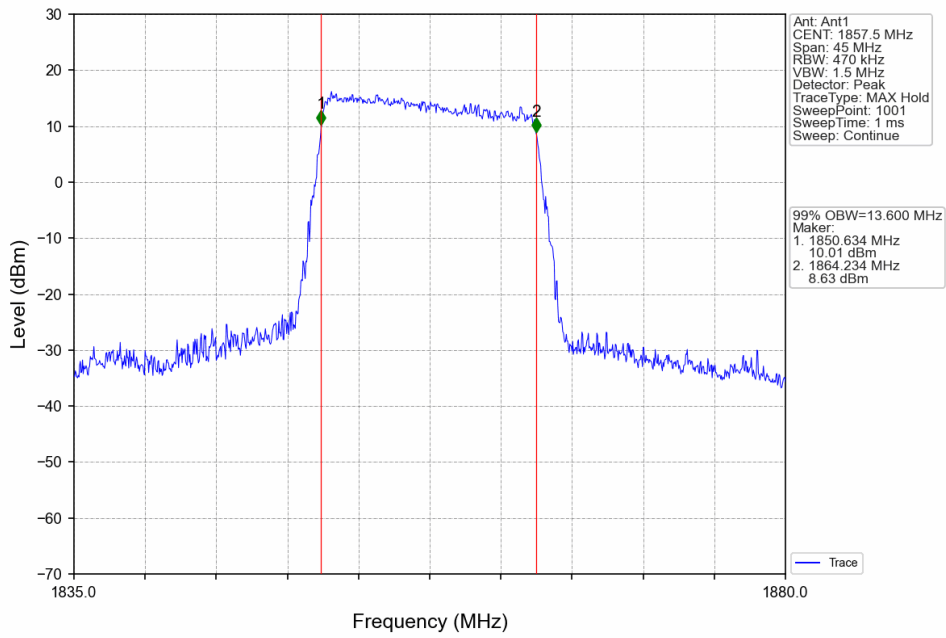
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



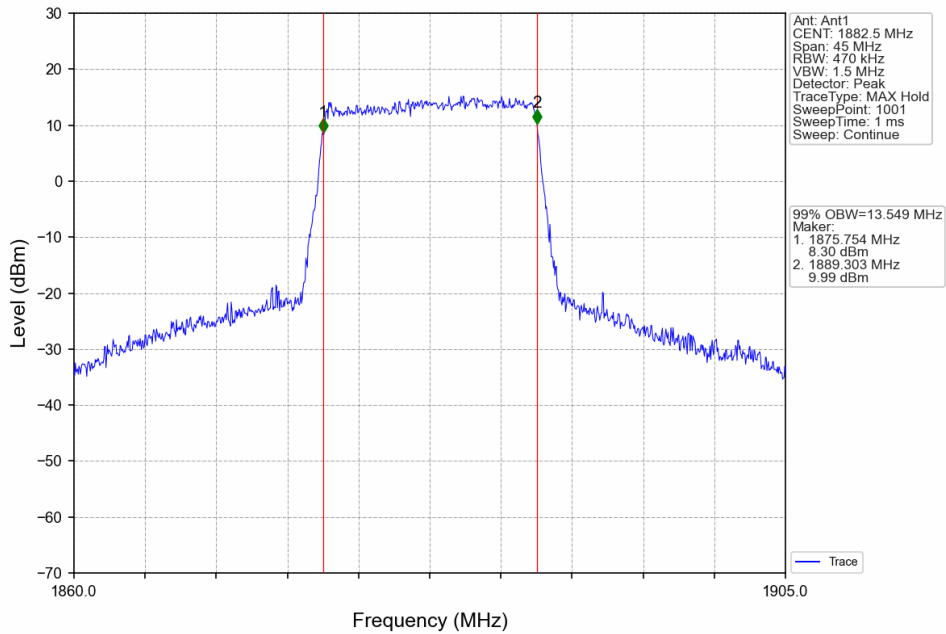
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



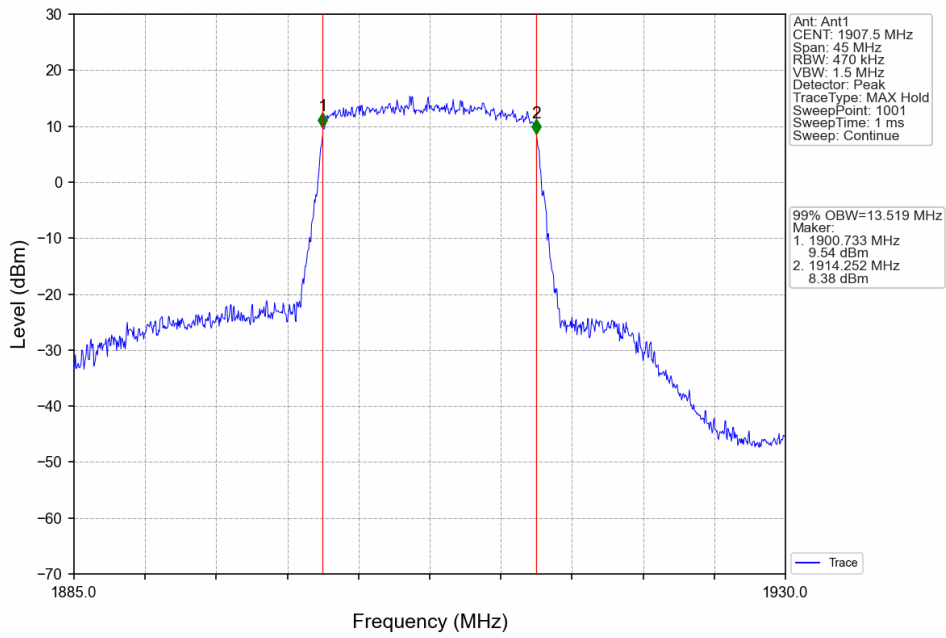
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



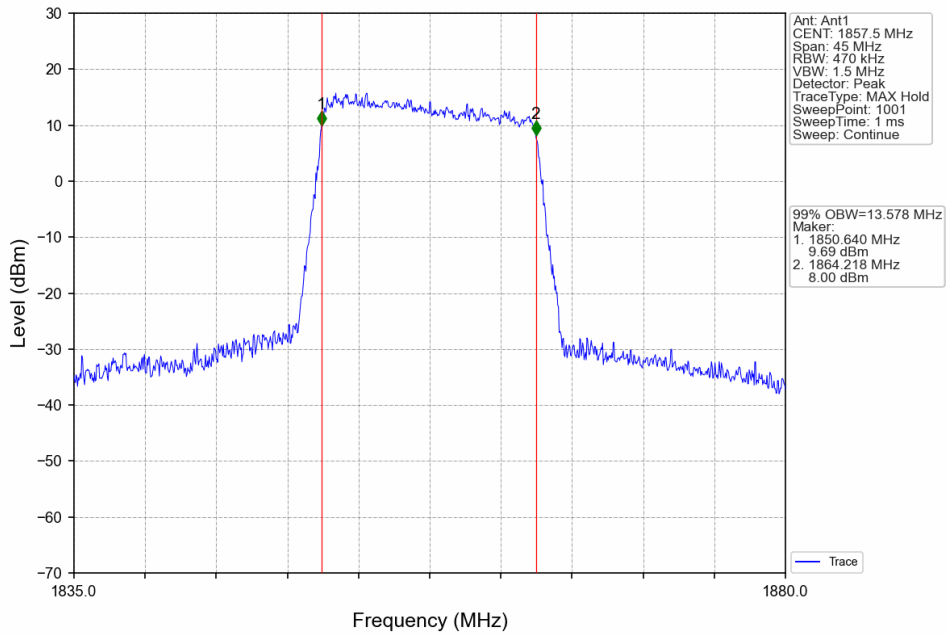
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



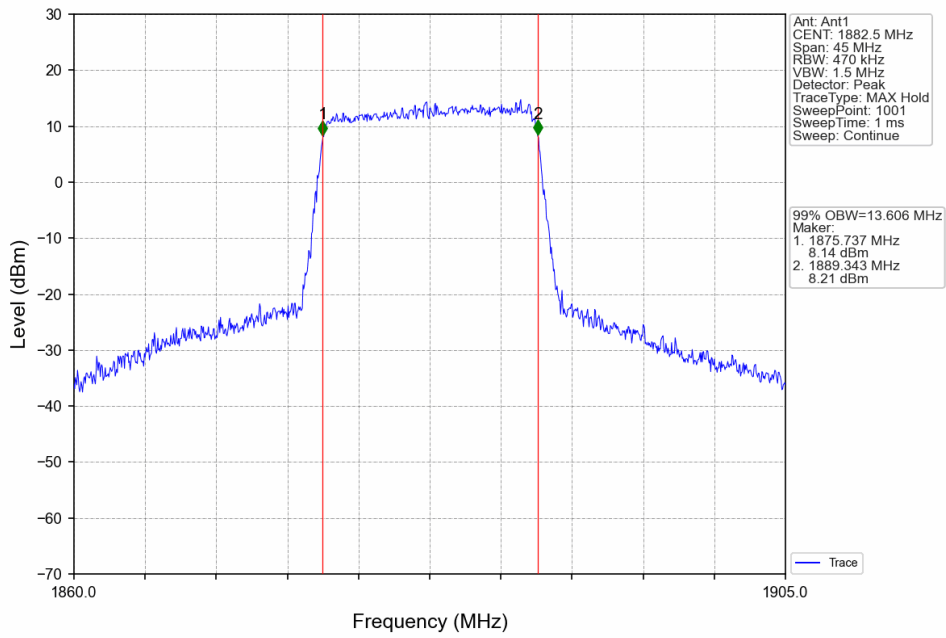
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



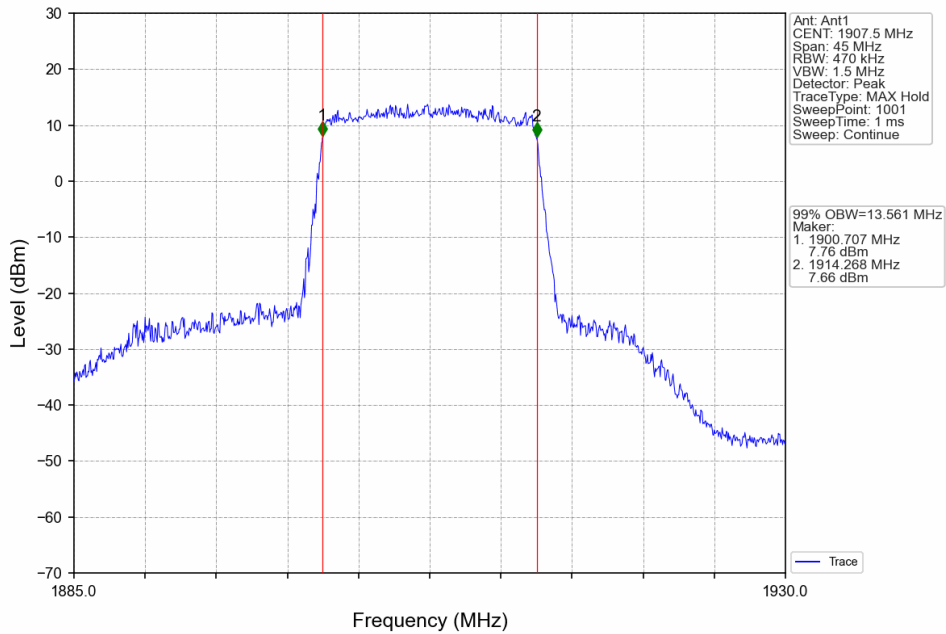
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



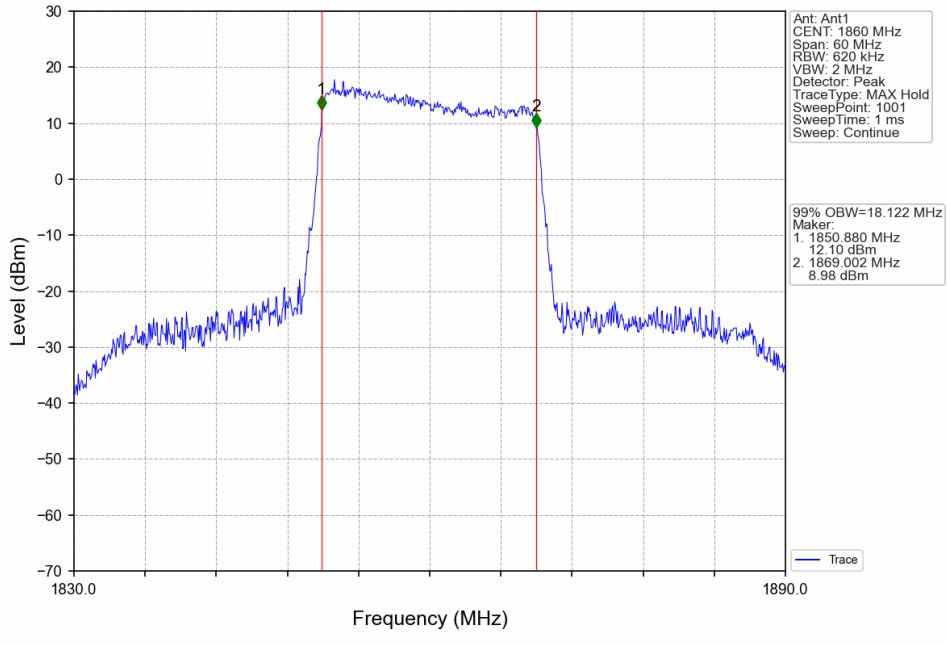
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



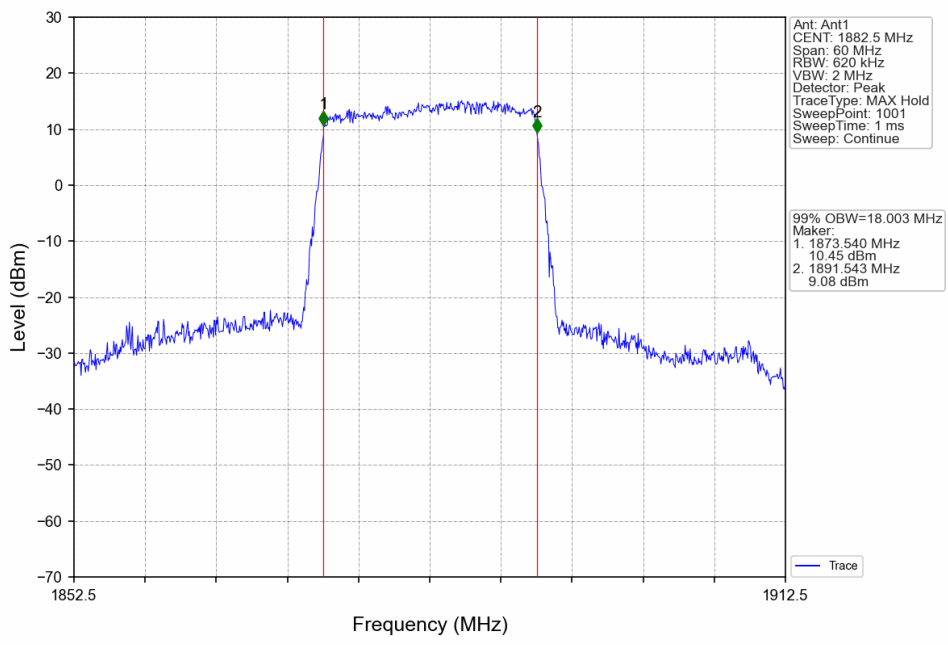
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



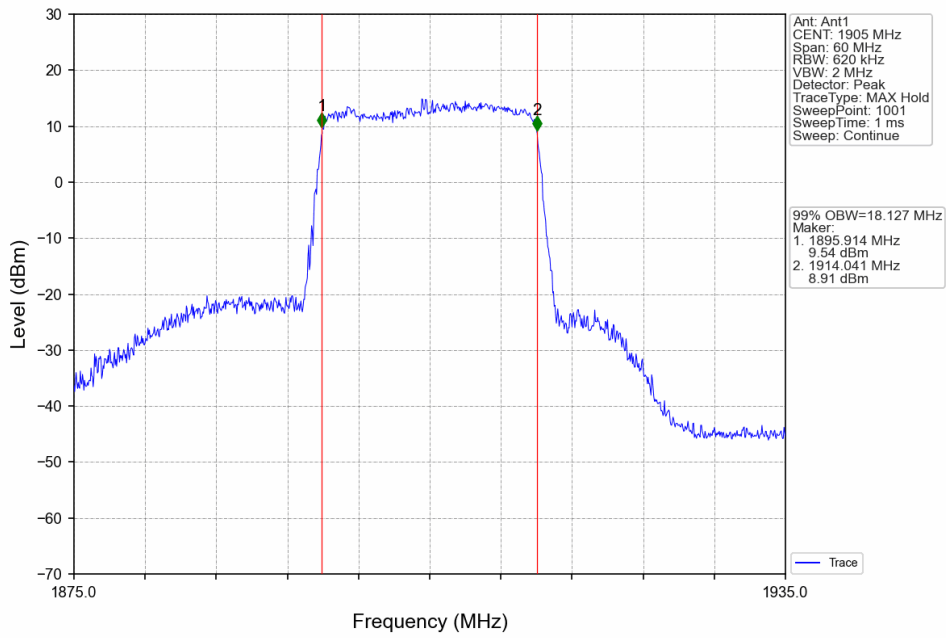
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



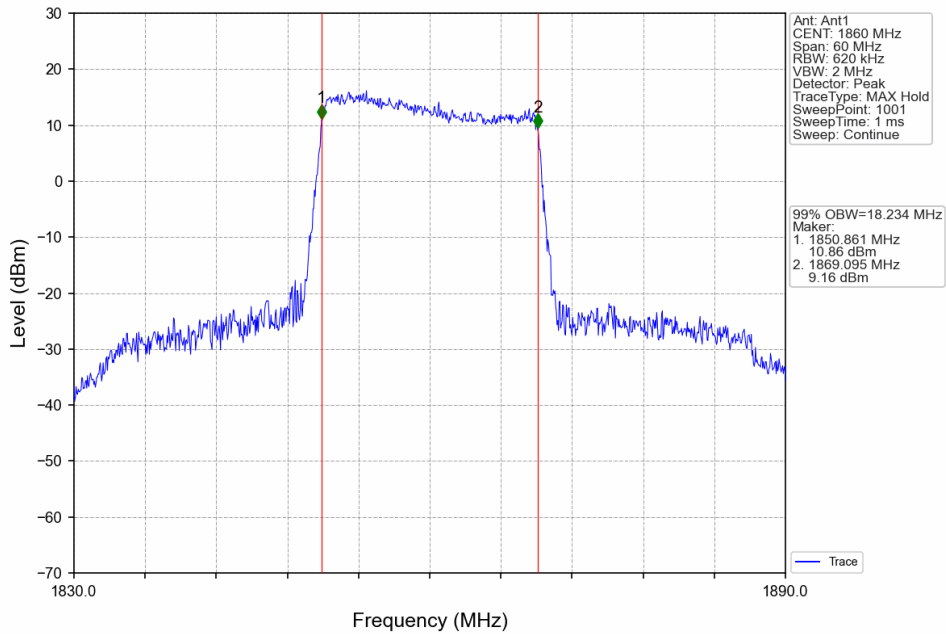
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



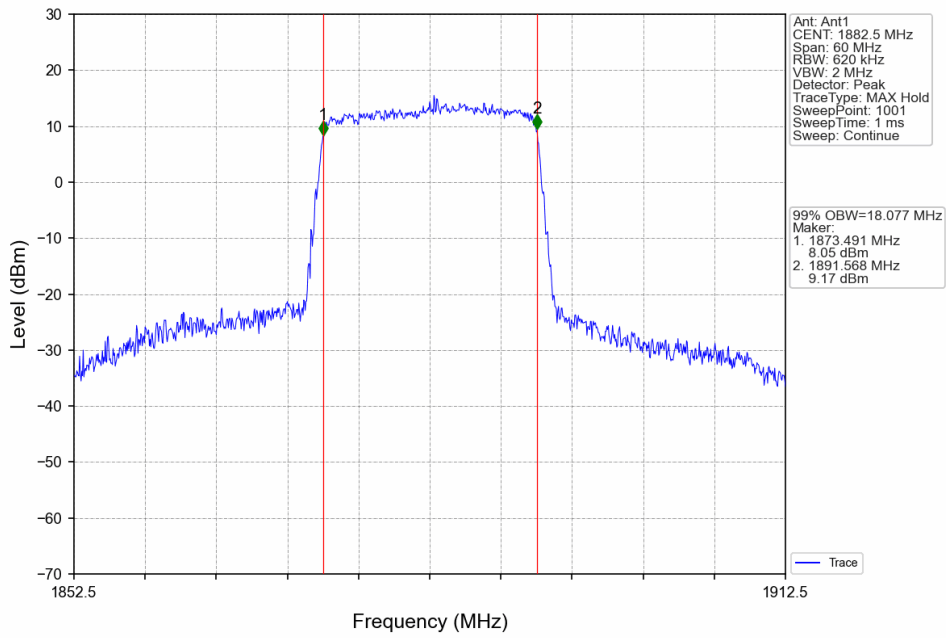
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



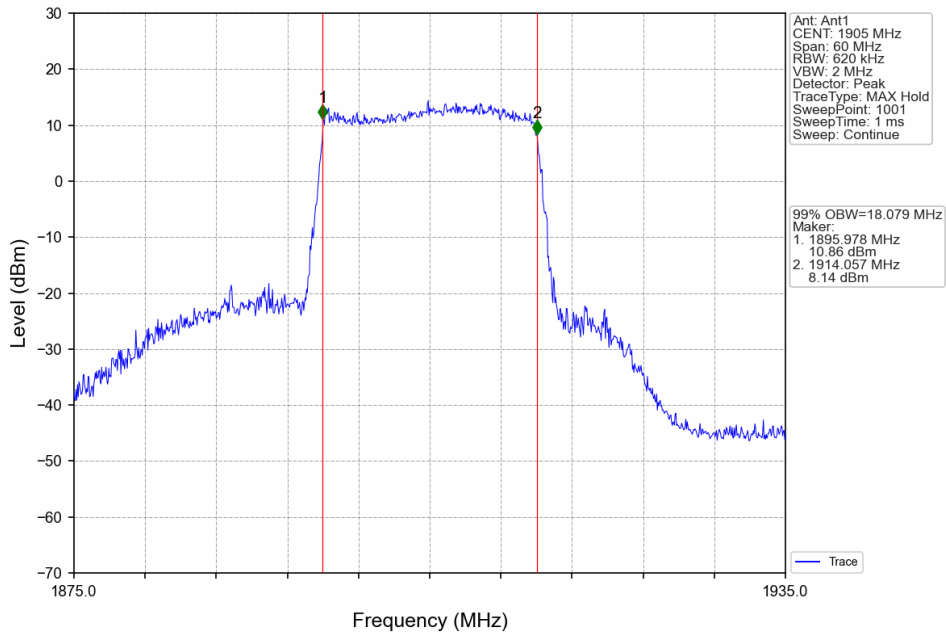
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

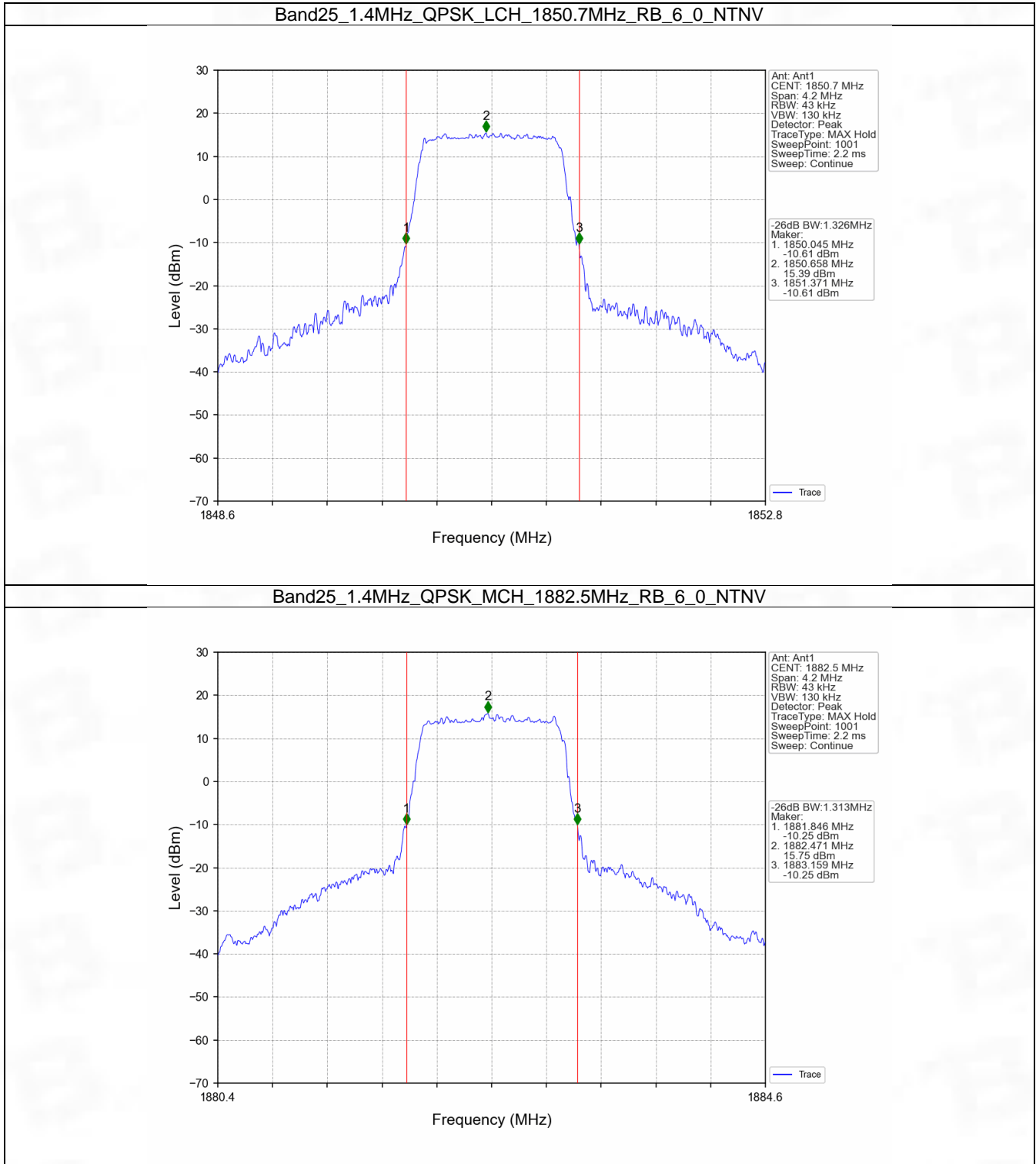


4.2 Band25_XDB

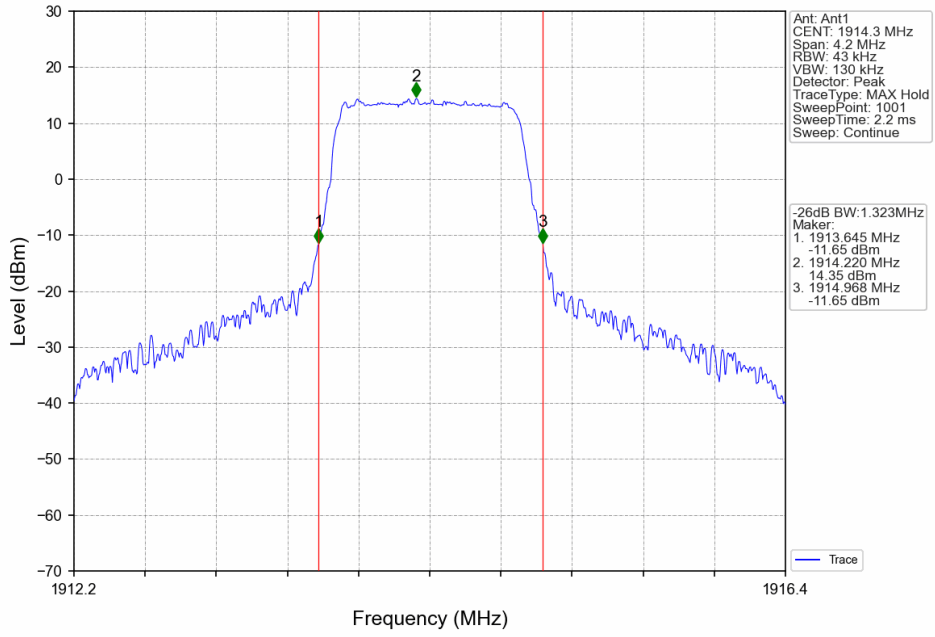
4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.326	Pass
		1882.5	6	0	1.313	Pass
		1914.3	6	0	1.323	Pass
	16QAM	1850.7	6	0	1.298	Pass
		1882.5	6	0	1.339	Pass
		1914.3	6	0	1.334	Pass
3	QPSK	1851.5	15	0	3.004	Pass
		1882.5	15	0	2.979	Pass
		1913.5	15	0	2.984	Pass
	16QAM	1851.5	15	0	2.975	Pass
		1882.5	15	0	2.981	Pass
		1913.5	15	0	2.999	Pass
5	QPSK	1852.5	25	0	5.201	Pass
		1882.5	25	0	5.187	Pass
		1912.5	25	0	5.225	Pass
	16QAM	1852.5	25	0	5.280	Pass
		1882.5	25	0	5.238	Pass
		1912.5	25	0	5.275	Pass
10	QPSK	1855	50	0	10.170	Pass
		1882.5	50	0	10.143	Pass
		1910	50	0	10.329	Pass
	16QAM	1855	50	0	10.155	Pass
		1882.5	50	0	10.224	Pass
		1910	50	0	10.147	Pass
15	QPSK	1857.5	75	0	15.277	Pass
		1882.5	75	0	15.300	Pass
		1907.5	75	0	15.173	Pass
	16QAM	1857.5	75	0	15.112	Pass
		1882.5	75	0	15.119	Pass
		1907.5	75	0	15.261	Pass
20	QPSK	1860	100	0	19.807	Pass
		1882.5	100	0	20.135	Pass
		1905	100	0	19.967	Pass
	16QAM	1860	100	0	20.009	Pass
		1882.5	100	0	20.038	Pass
		1905	100	0	20.032	Pass

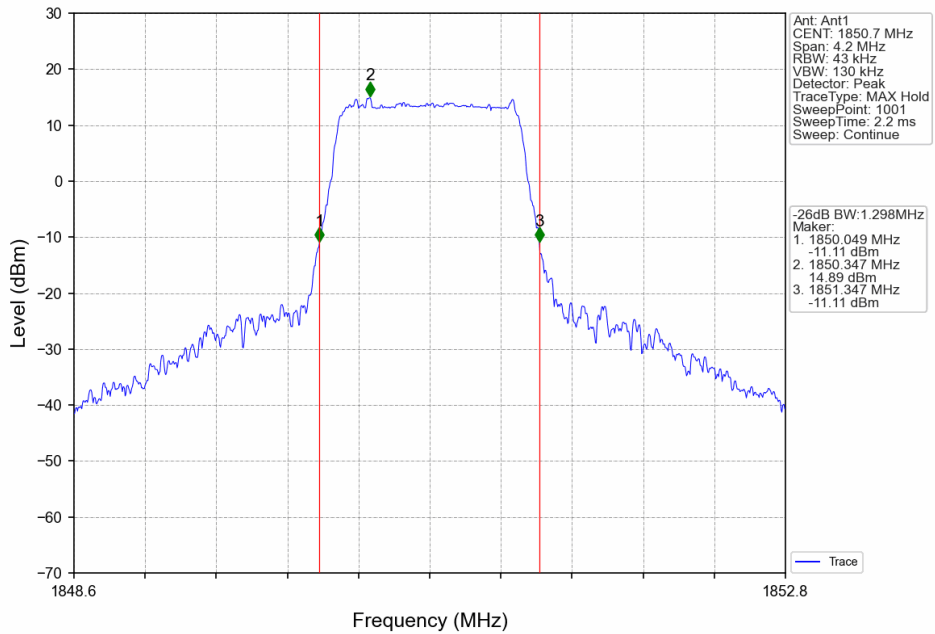
4.2.2 Test Graph



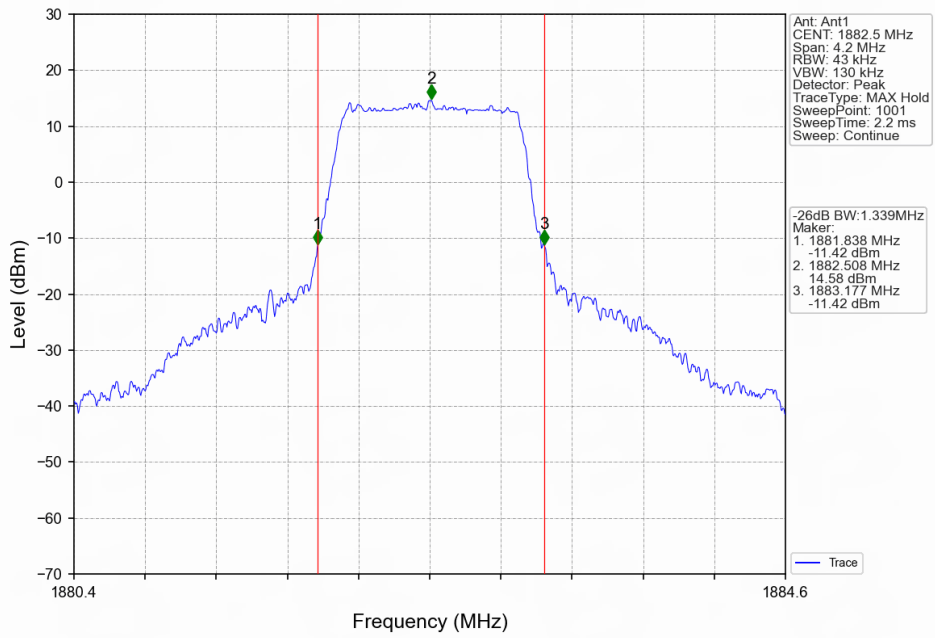
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



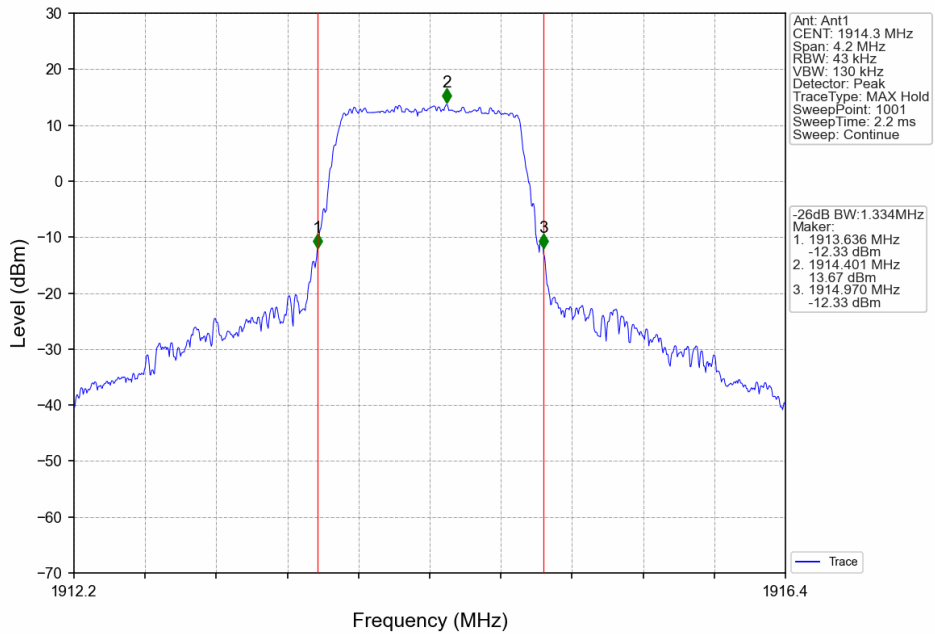
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



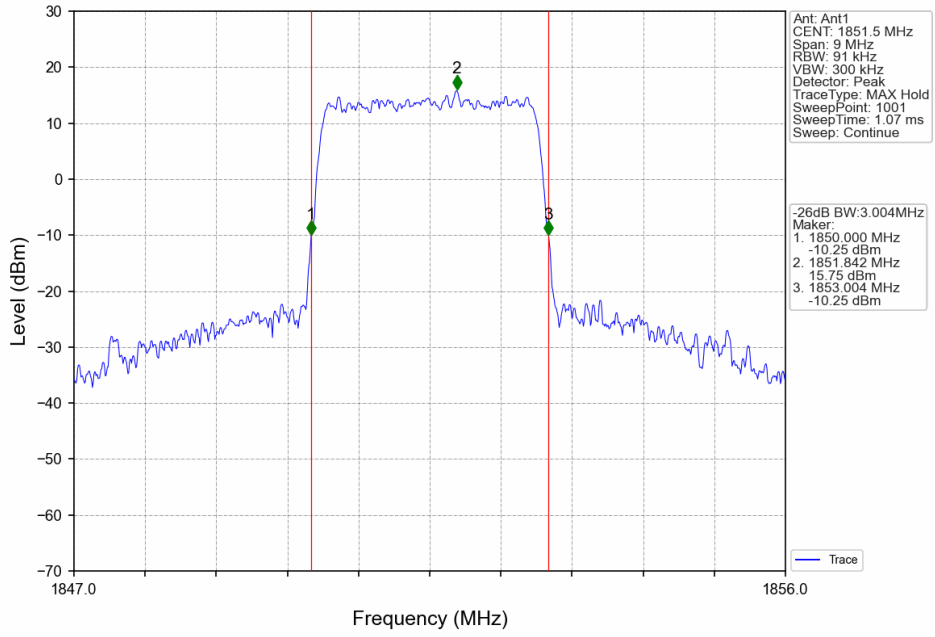
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



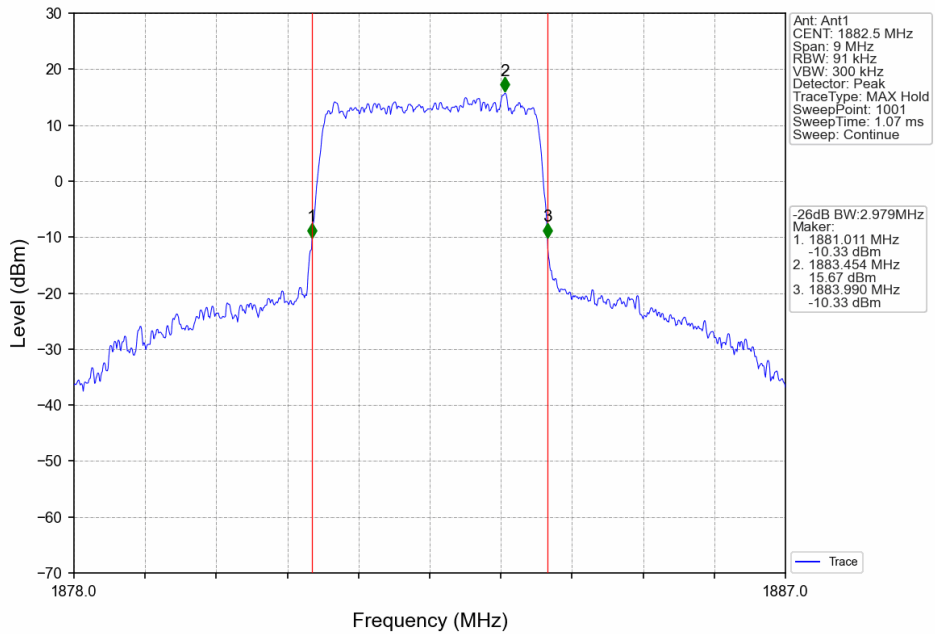
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



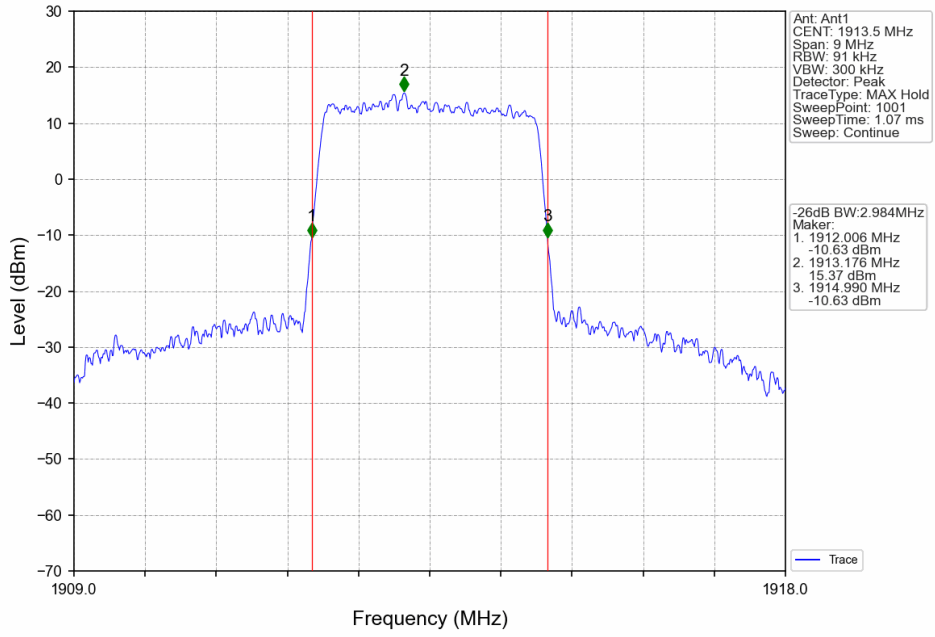
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



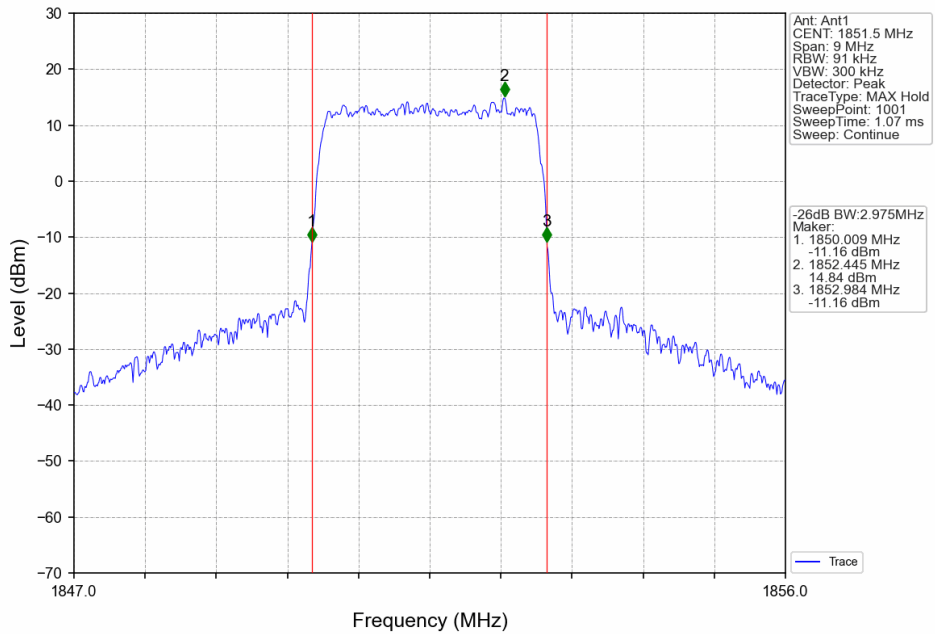
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



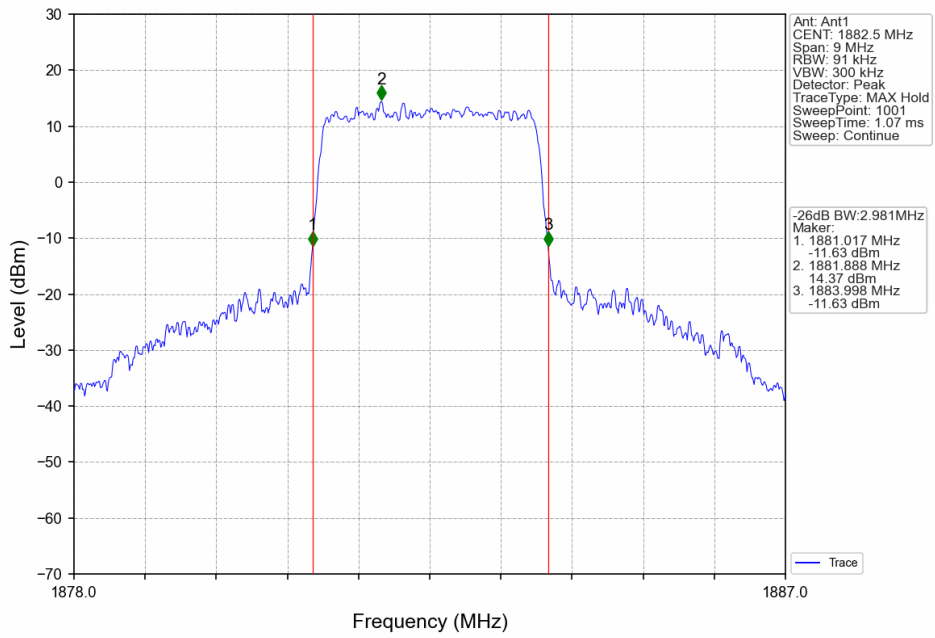
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



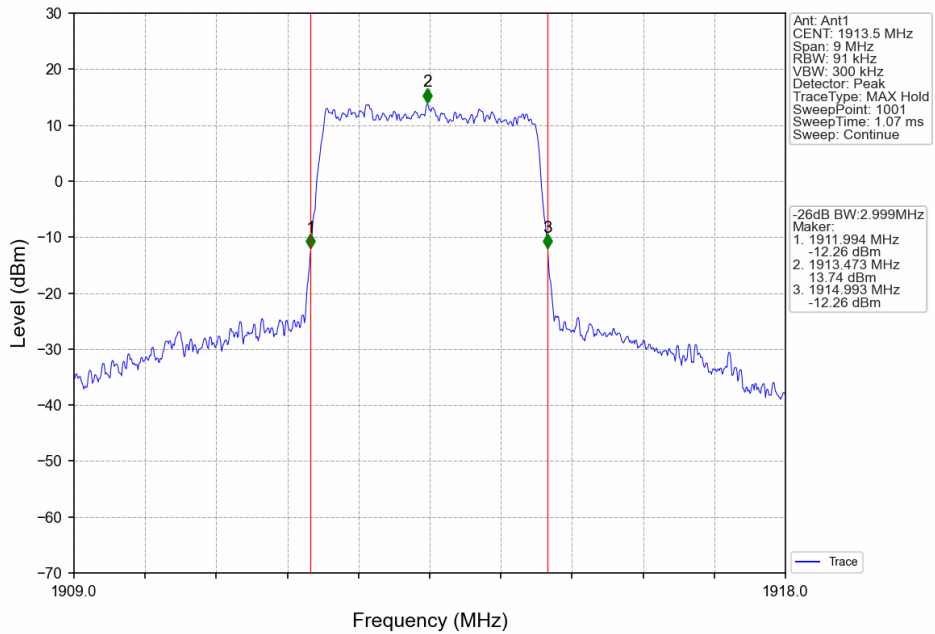
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



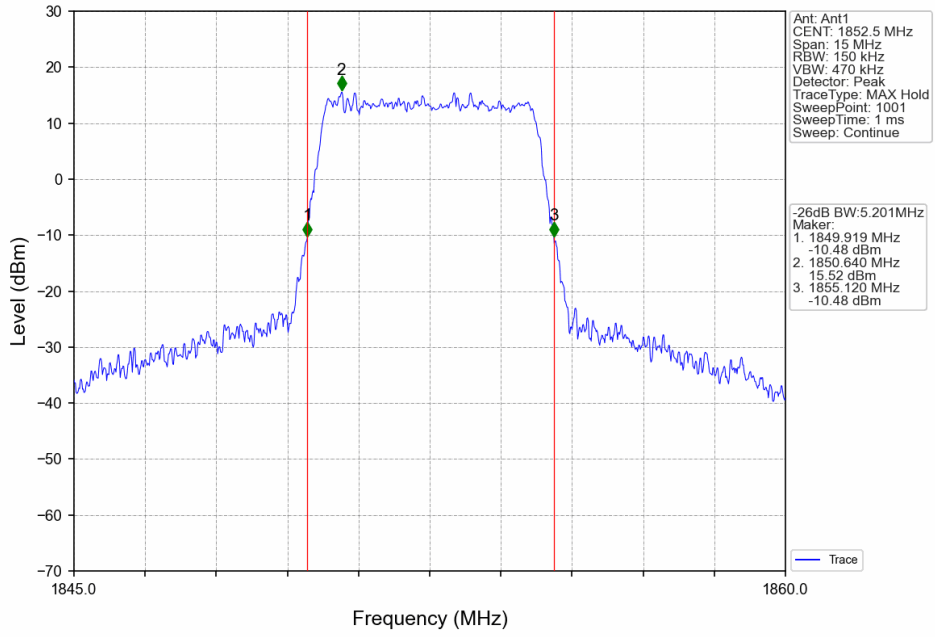
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



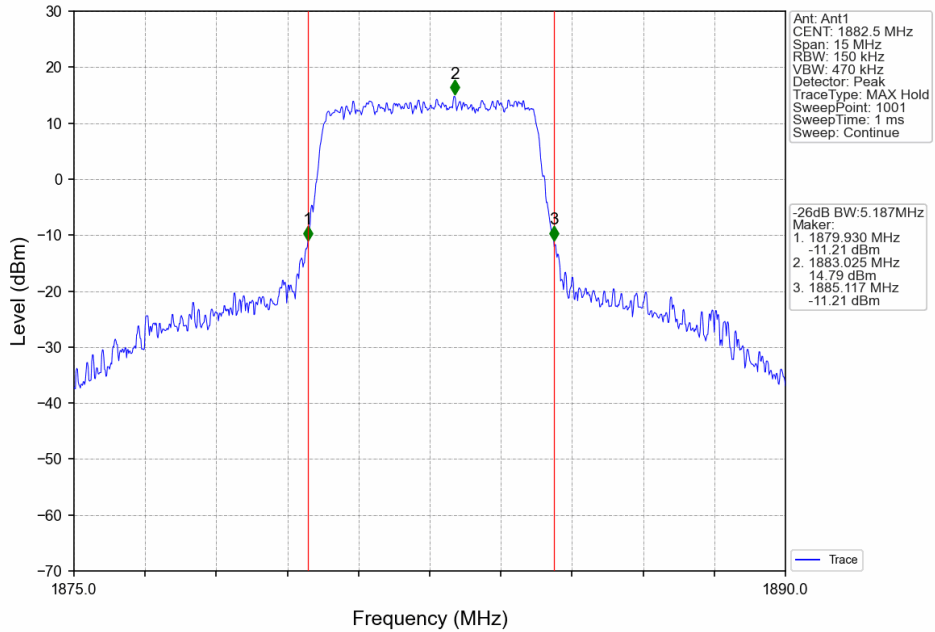
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



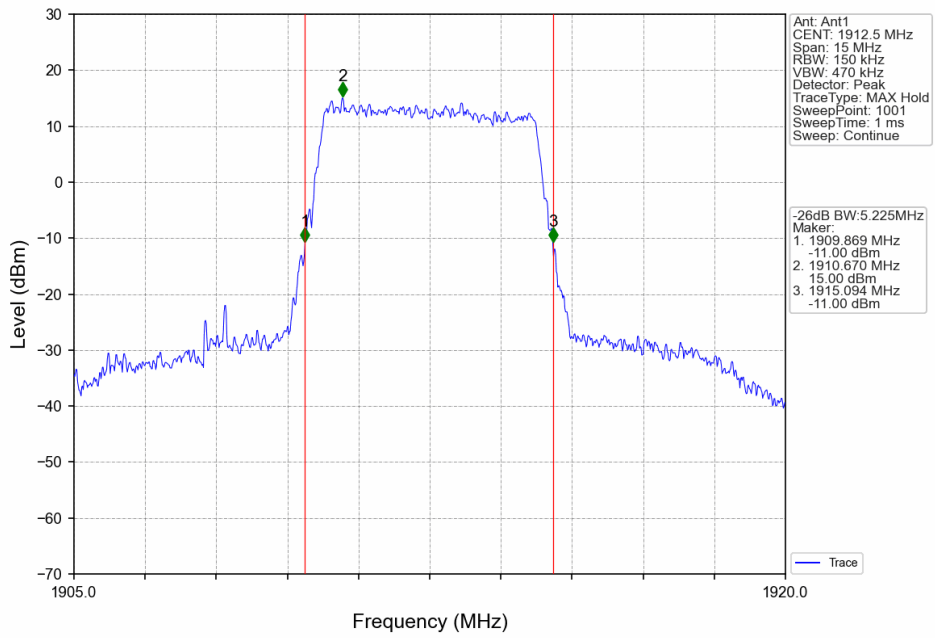
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



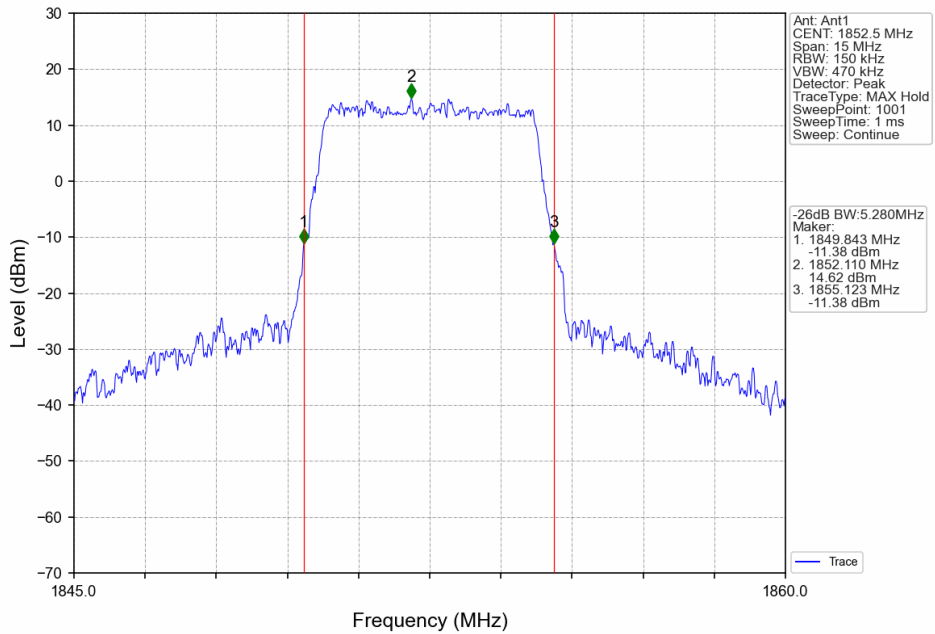
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



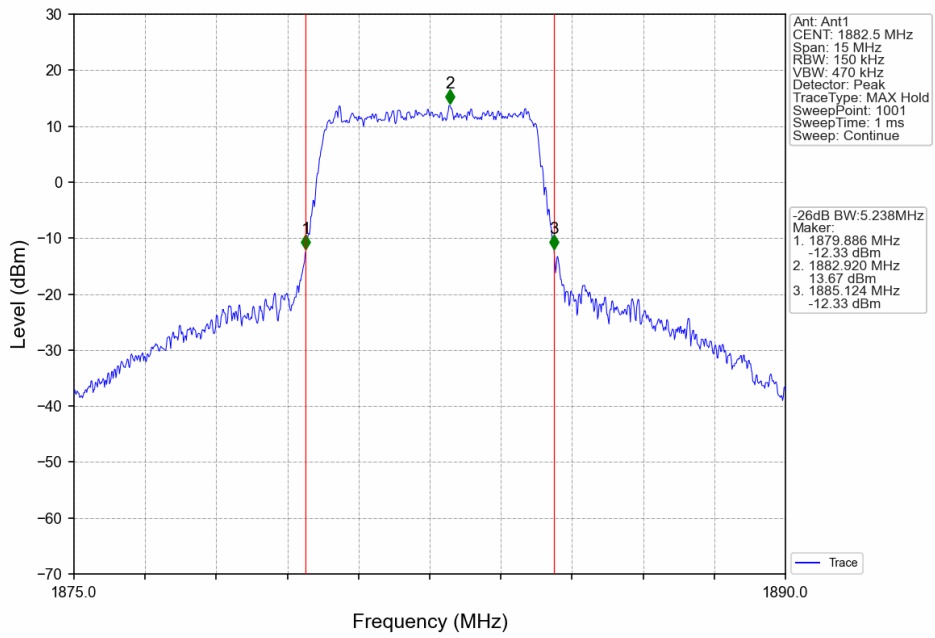
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



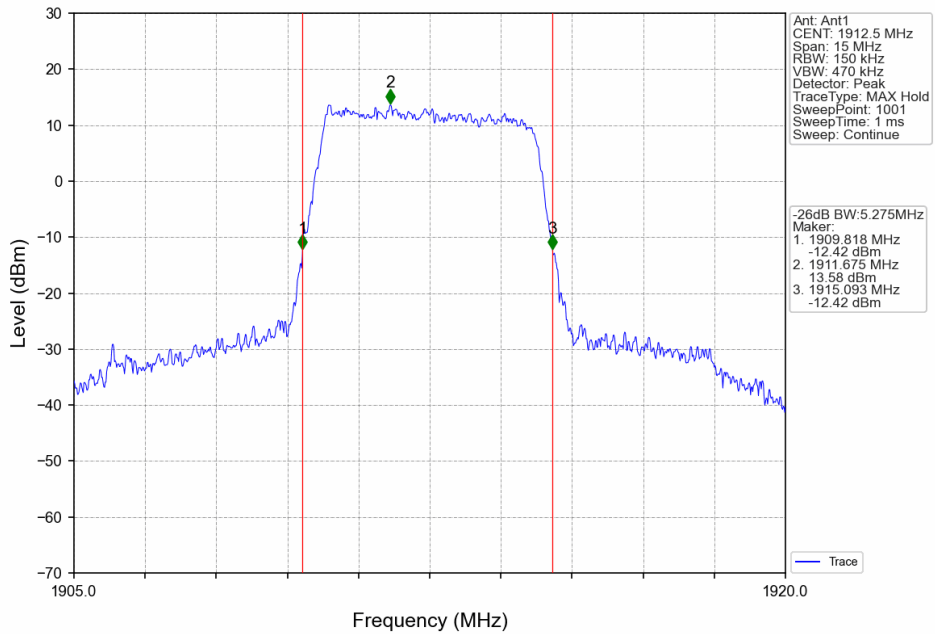
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



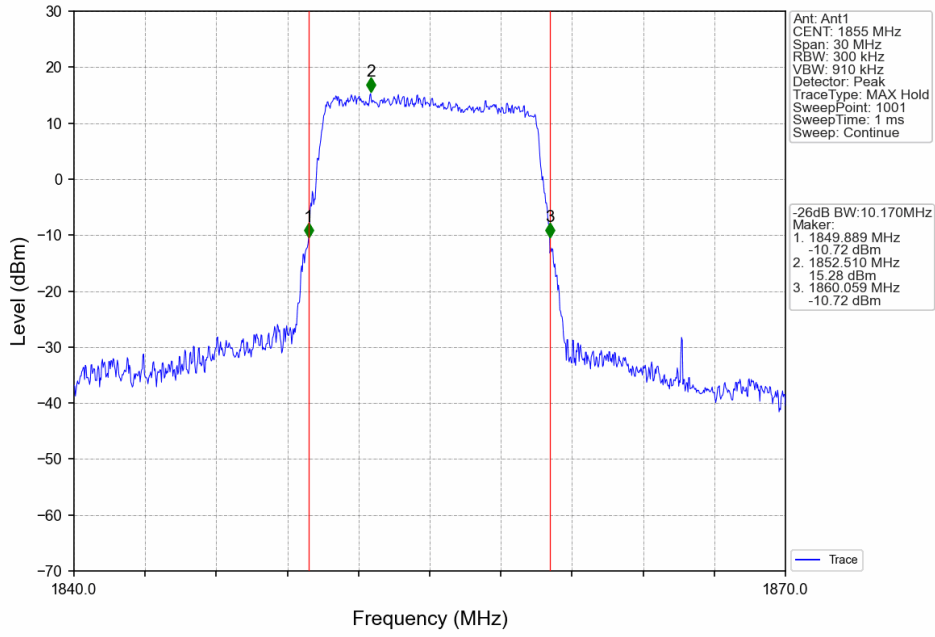
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



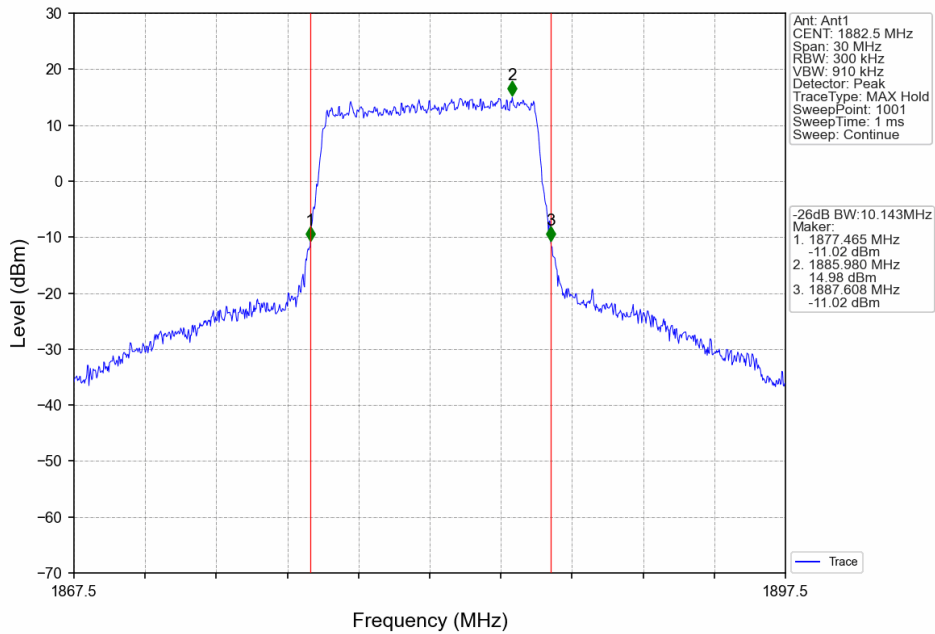
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



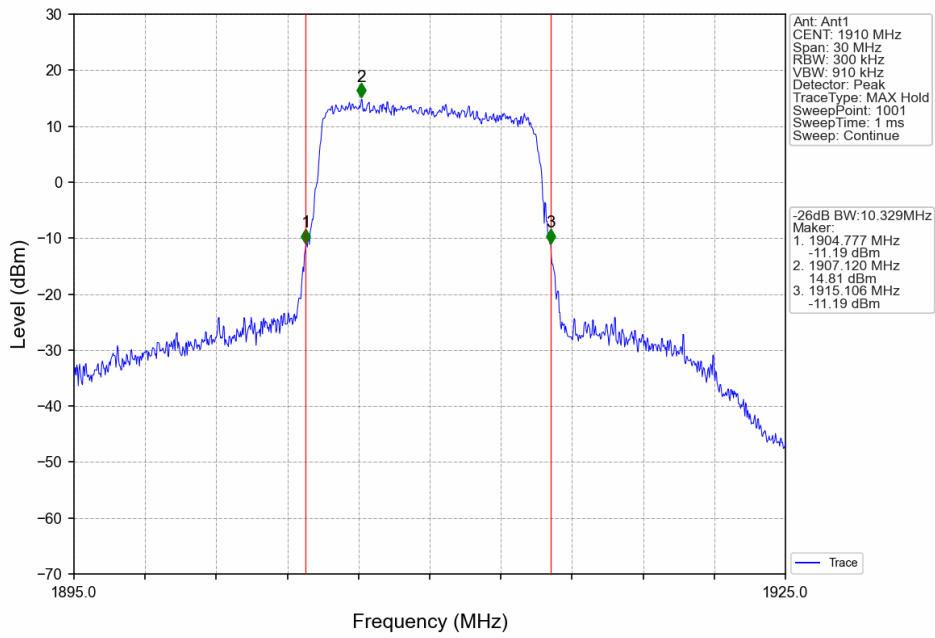
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



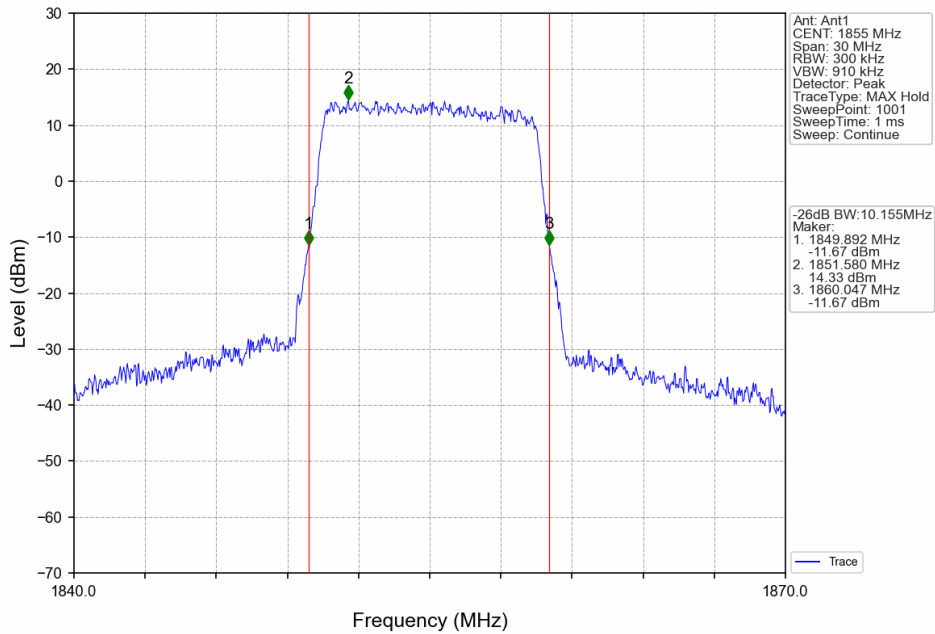
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



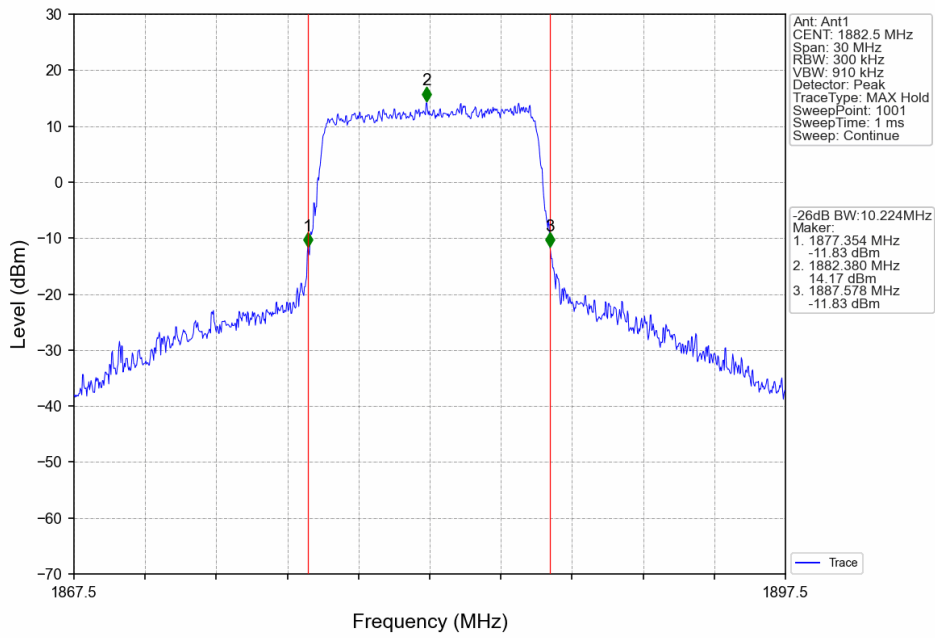
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



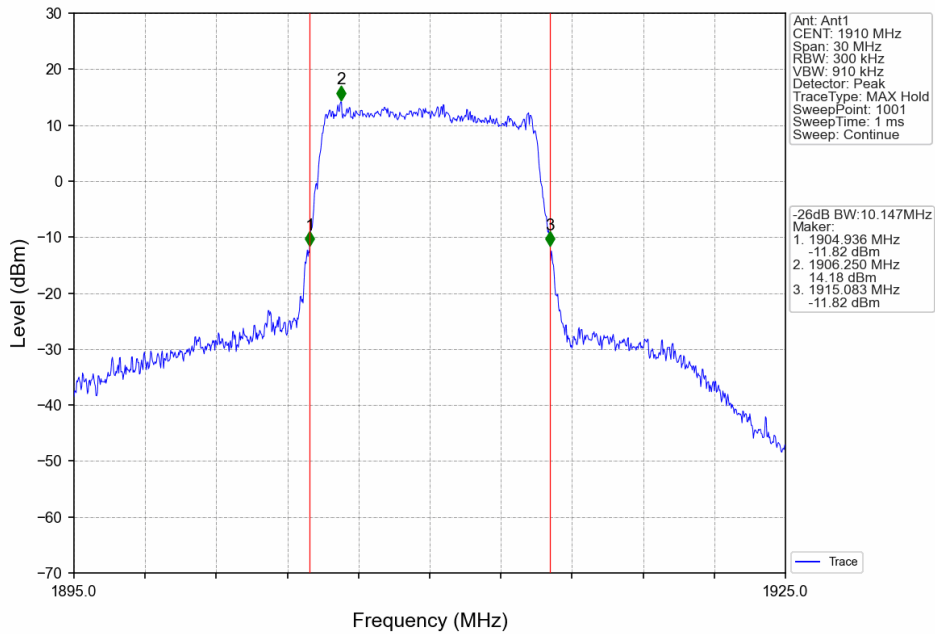
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



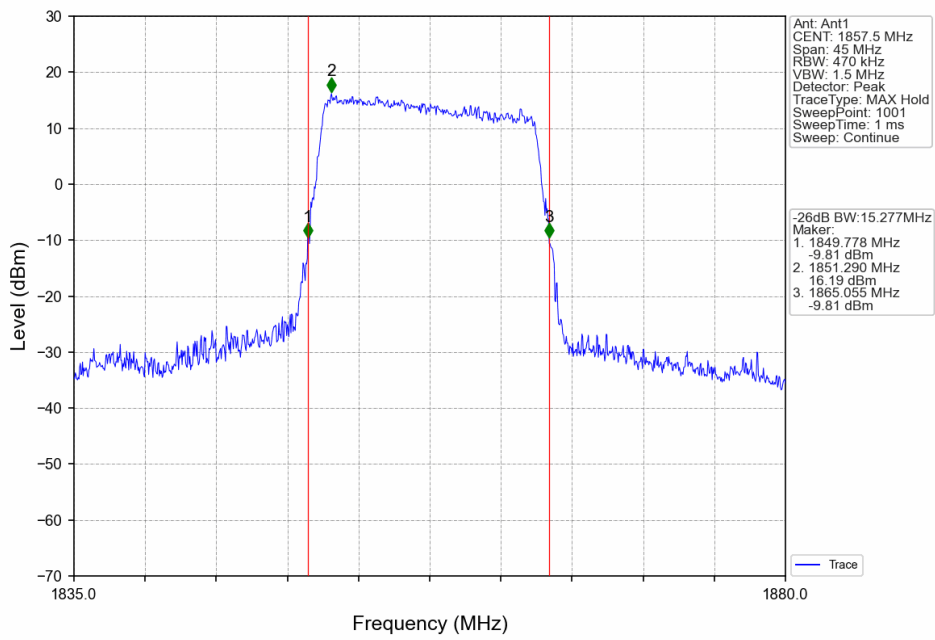
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



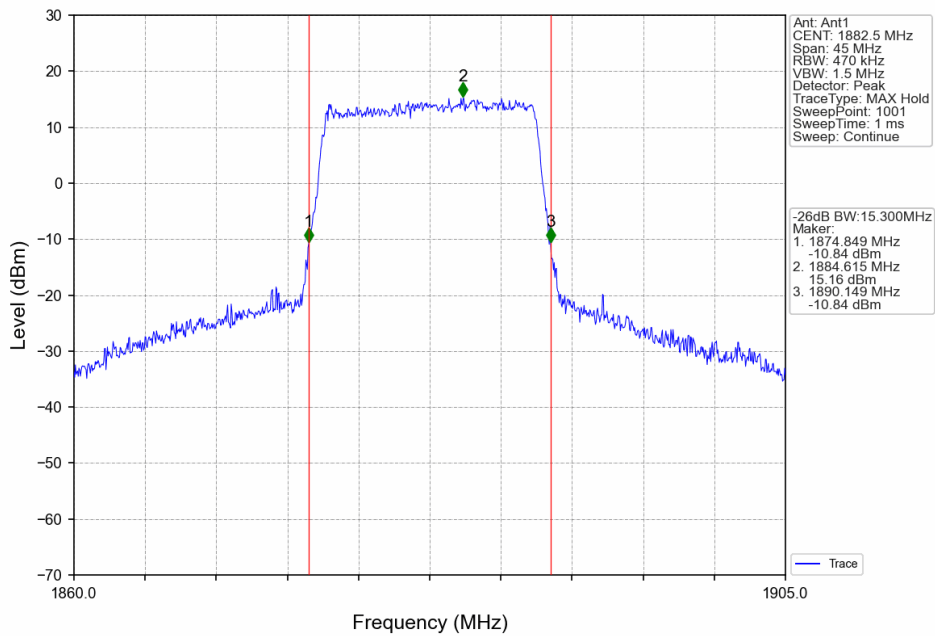
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



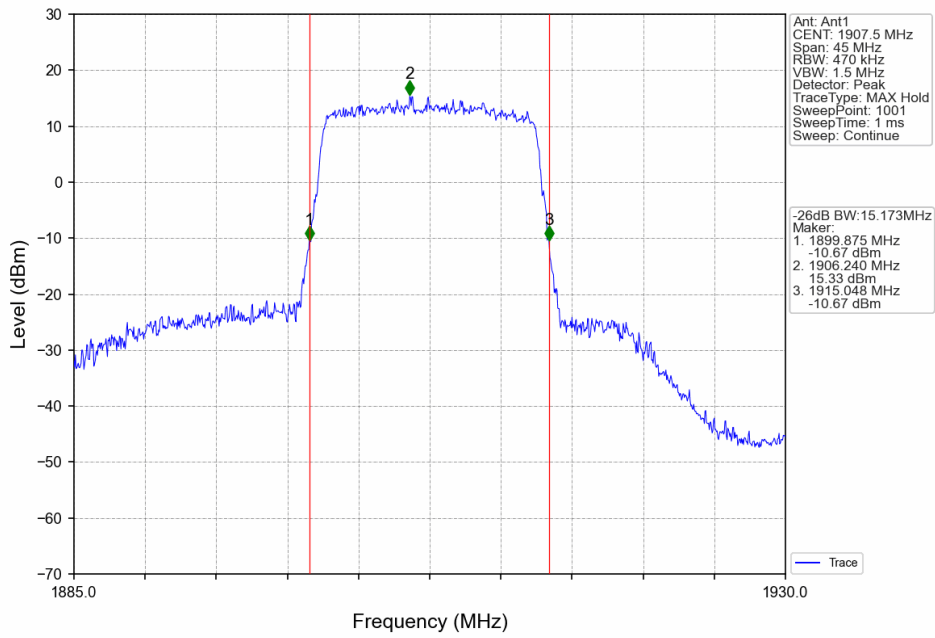
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



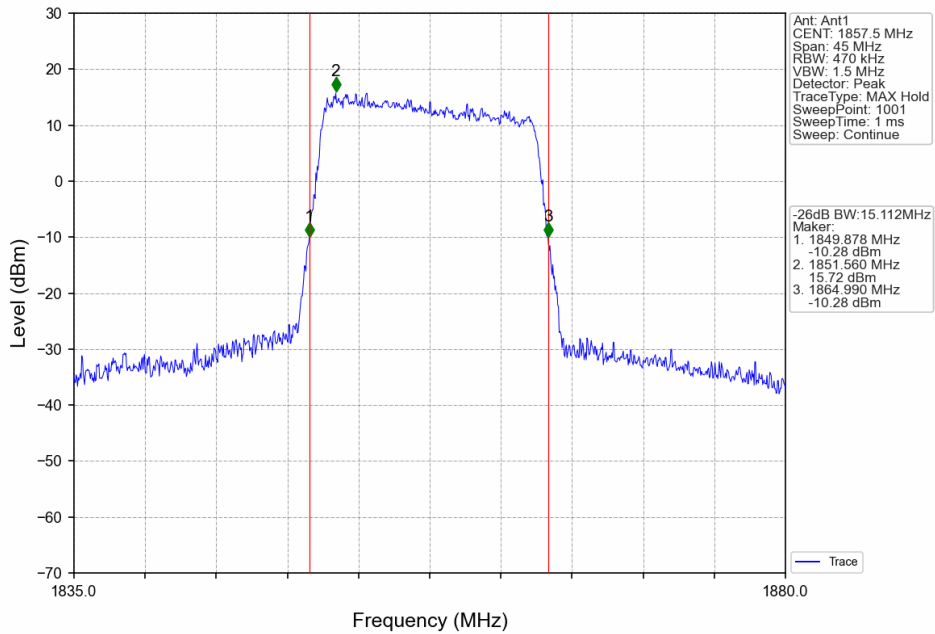
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



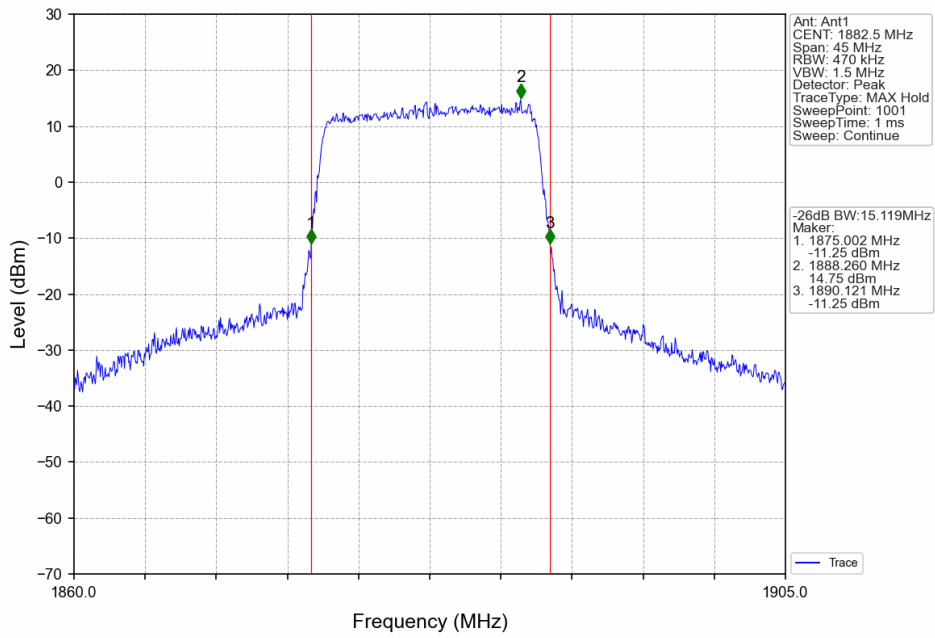
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



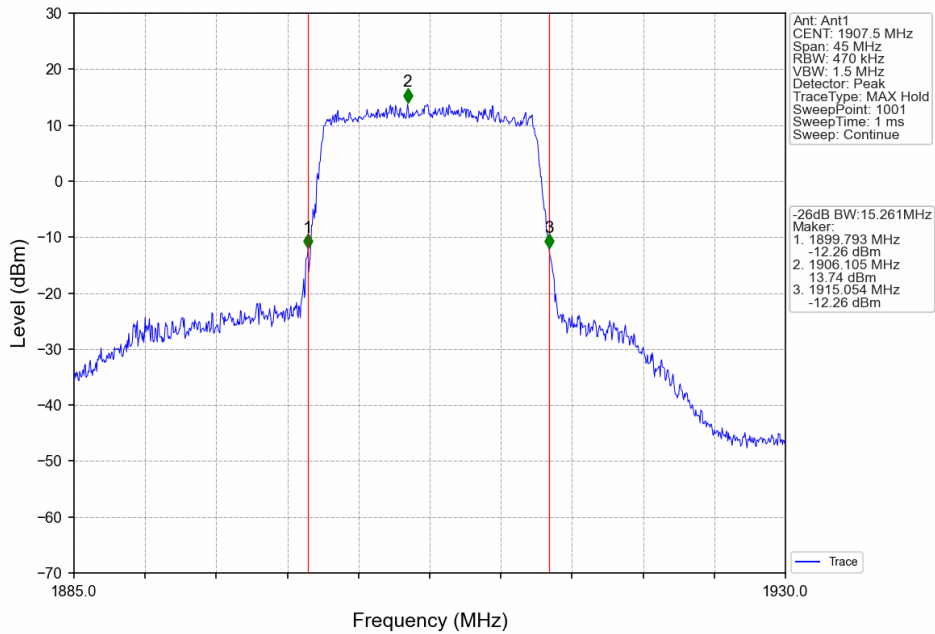
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



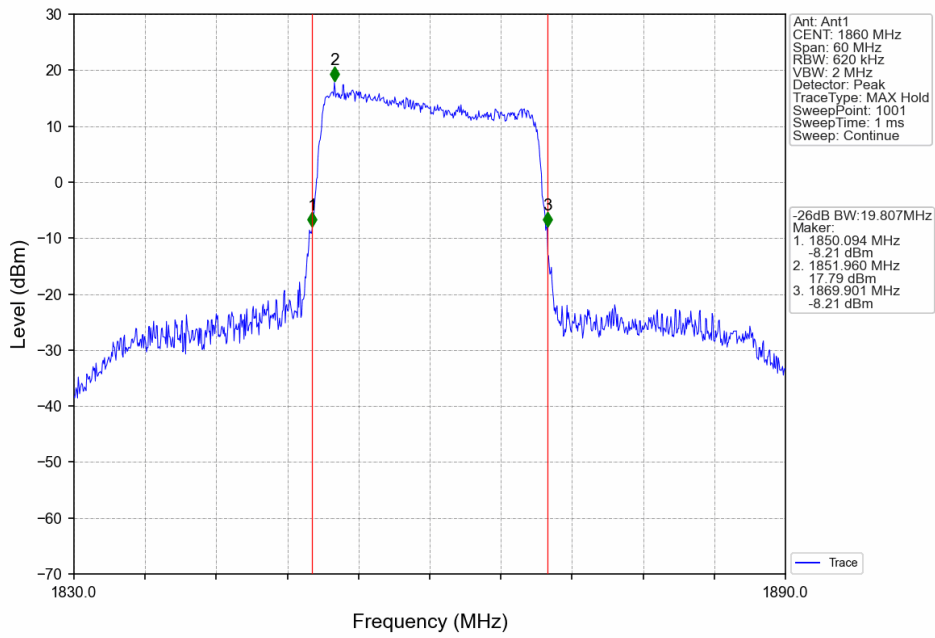
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



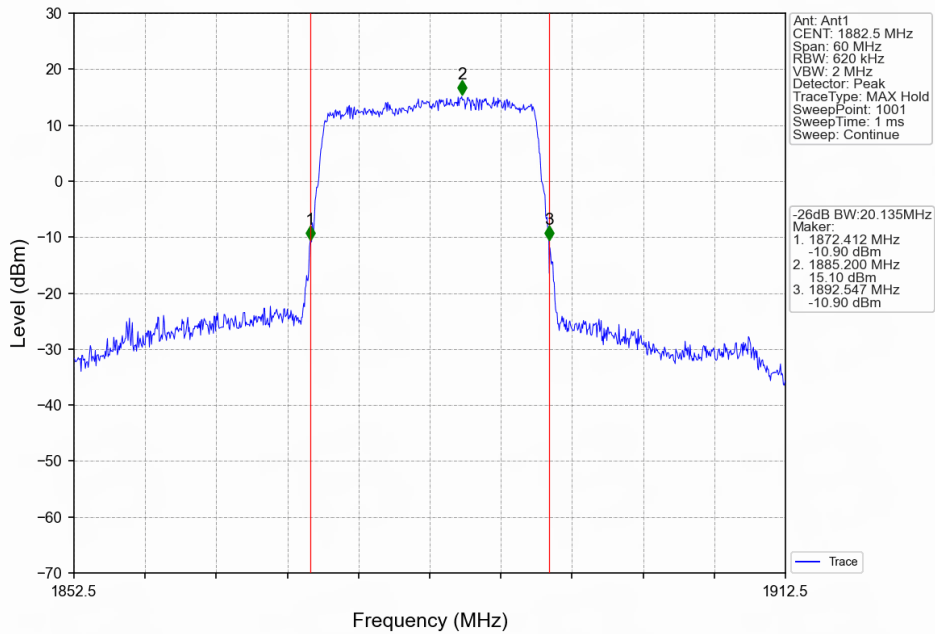
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



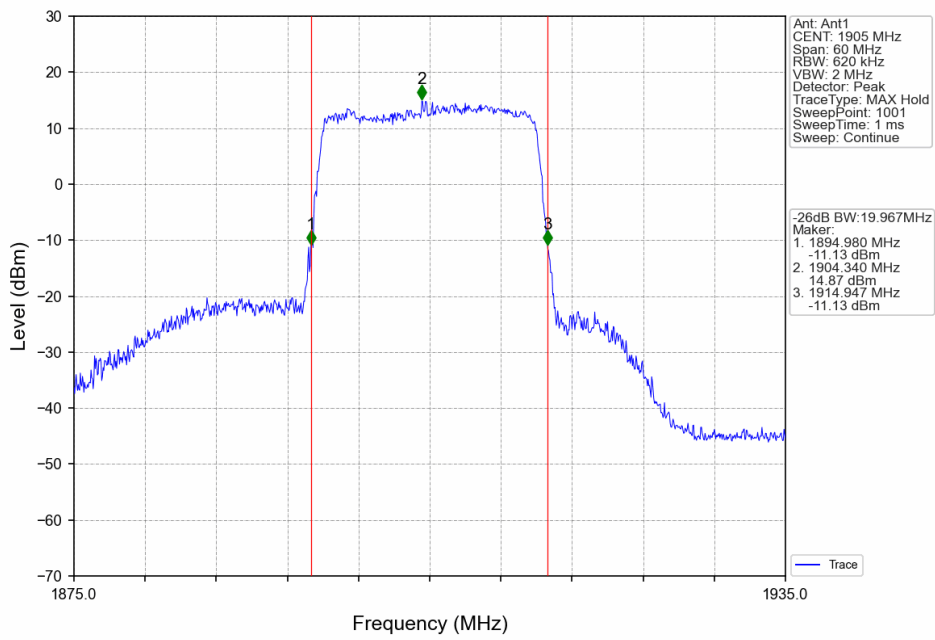
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



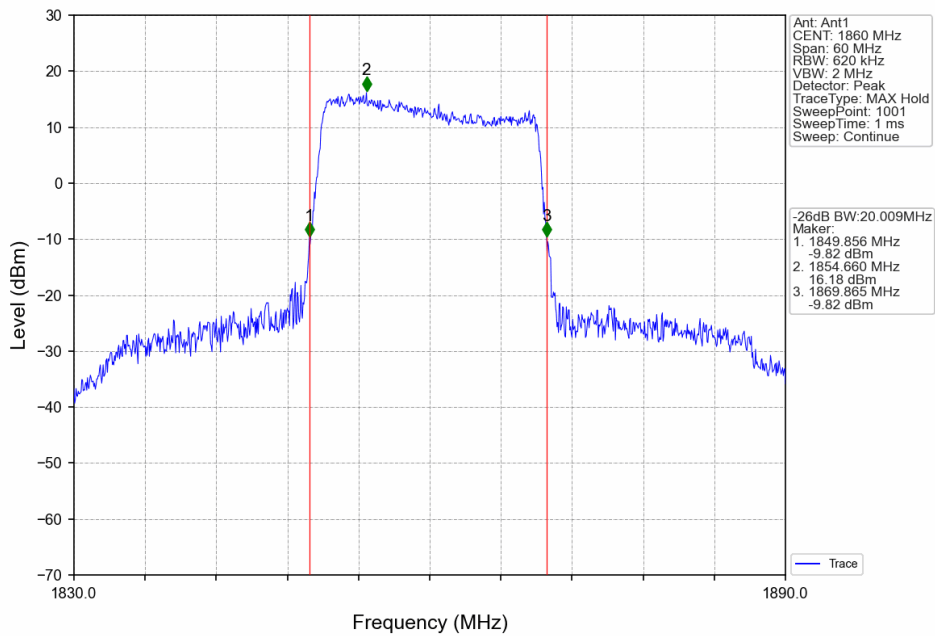
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



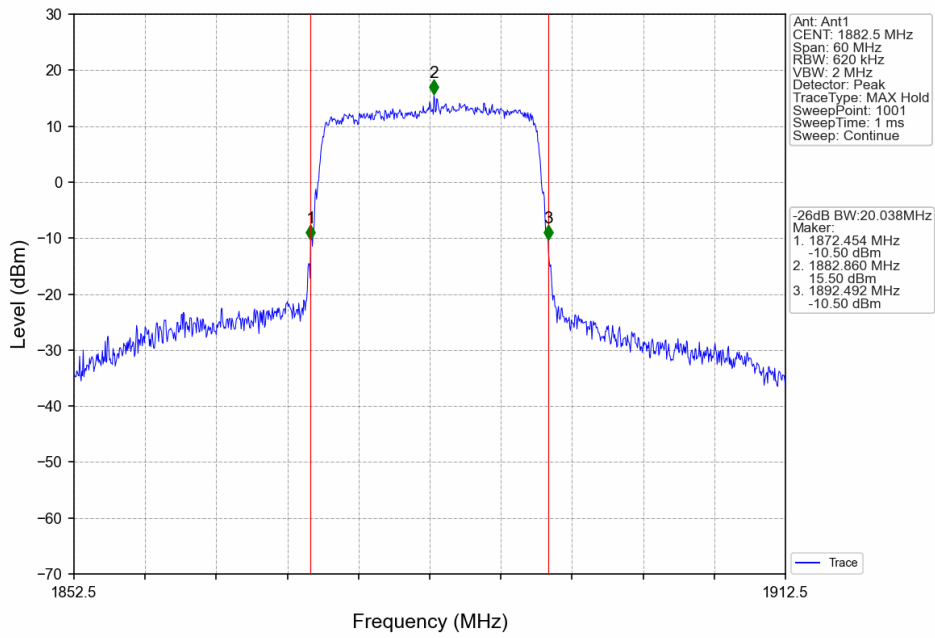
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



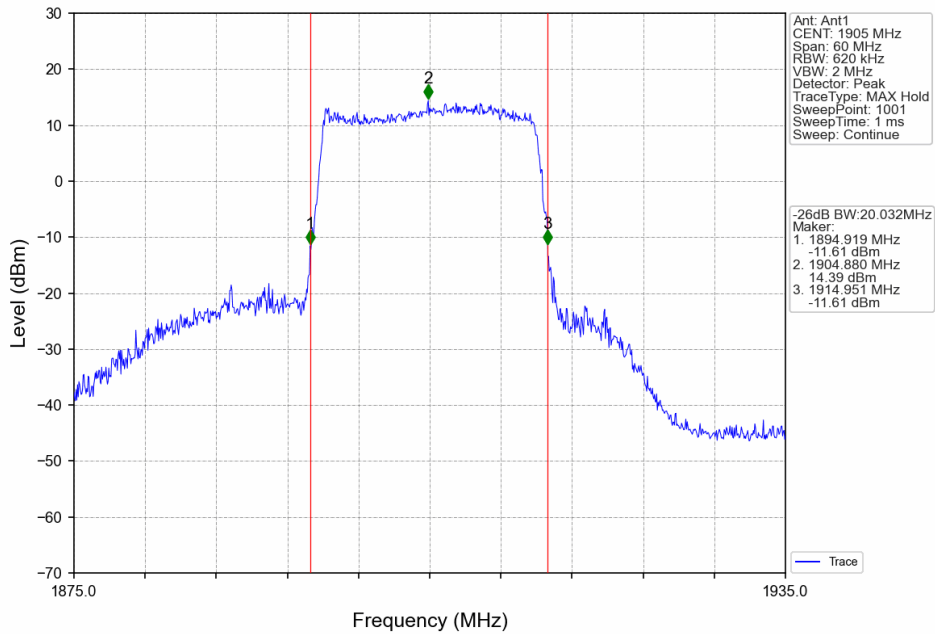
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



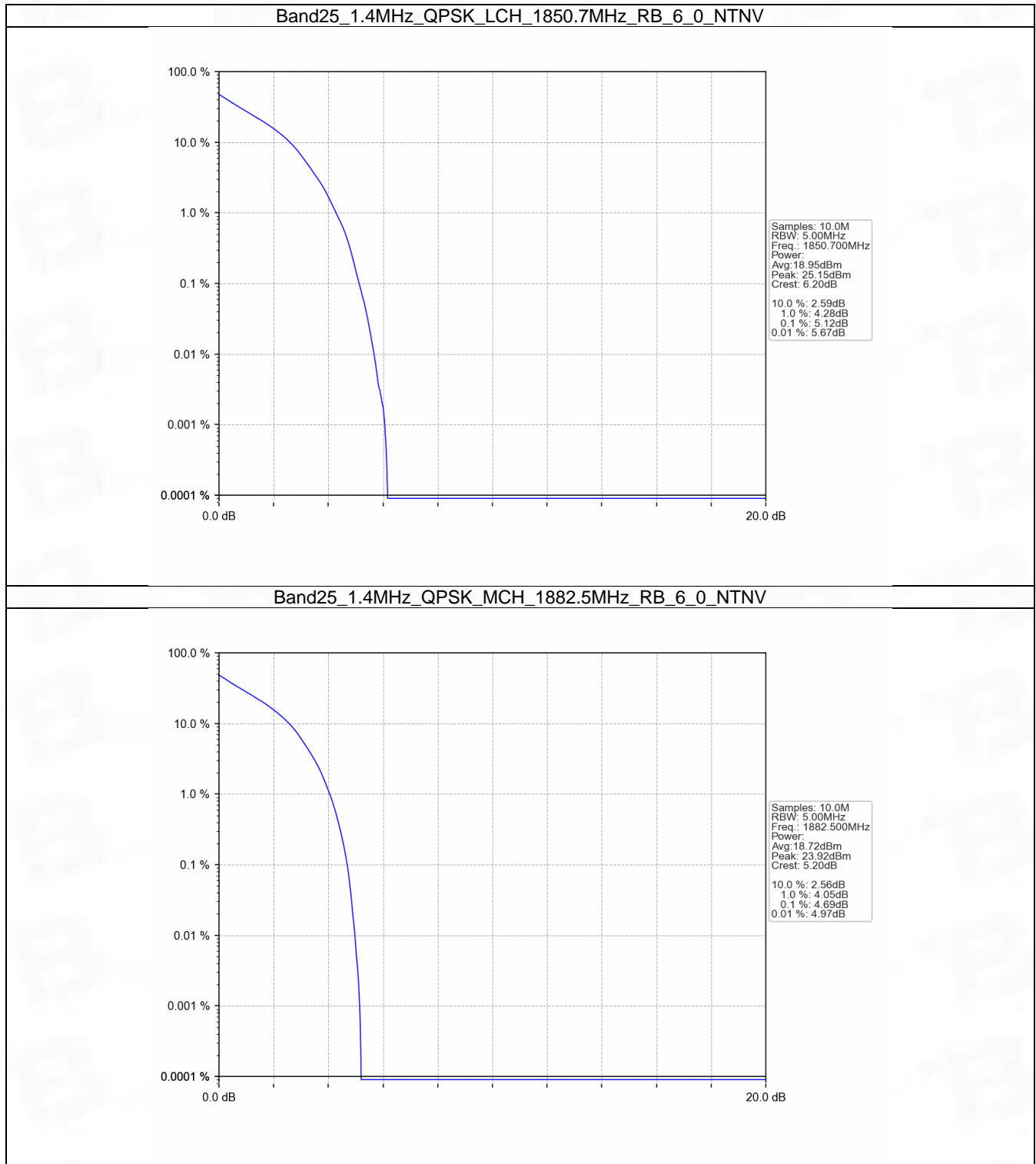
5. Peak-Average Ratio

5.1 B25_1.4MHz

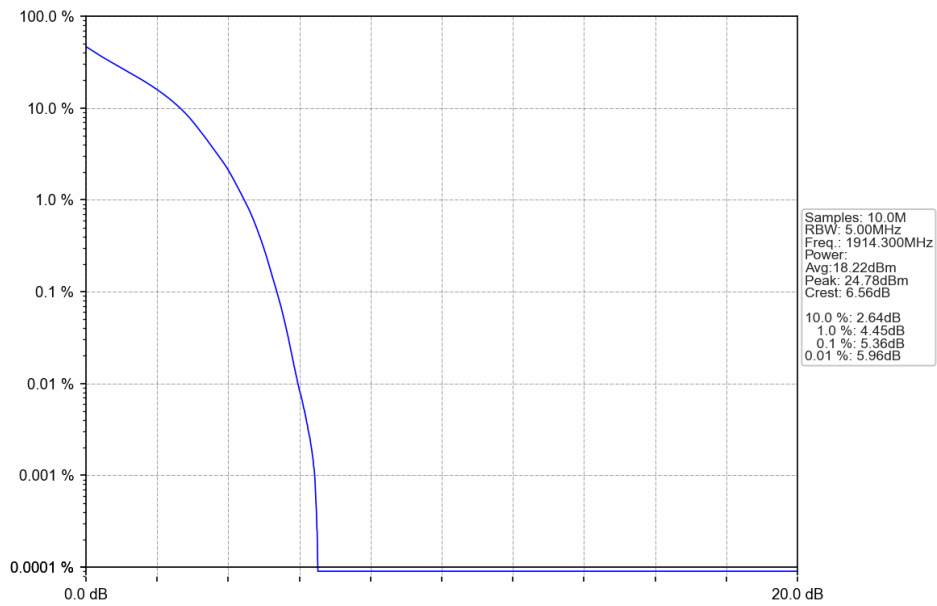
5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.12	<=13	Pass
	1882.5	6	0	4.69	<=13	Pass
	1914.3	6	0	5.36	<=13	Pass
16QAM	1850.7	6	0	5.97	<=13	Pass
	1882.5	6	0	5.54	<=13	Pass
	1914.3	6	0	6.14	<=13	Pass

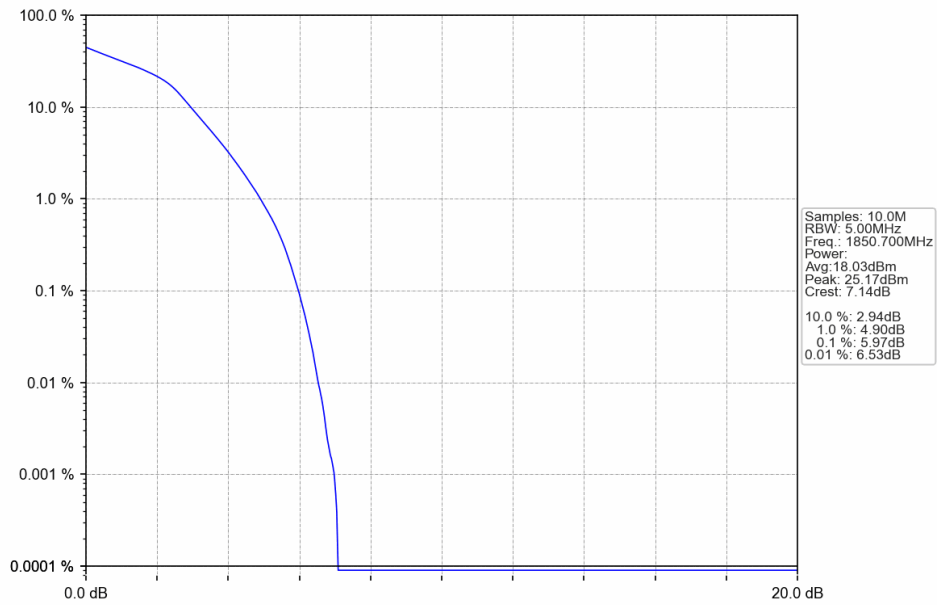
5.1.2 Test Graph



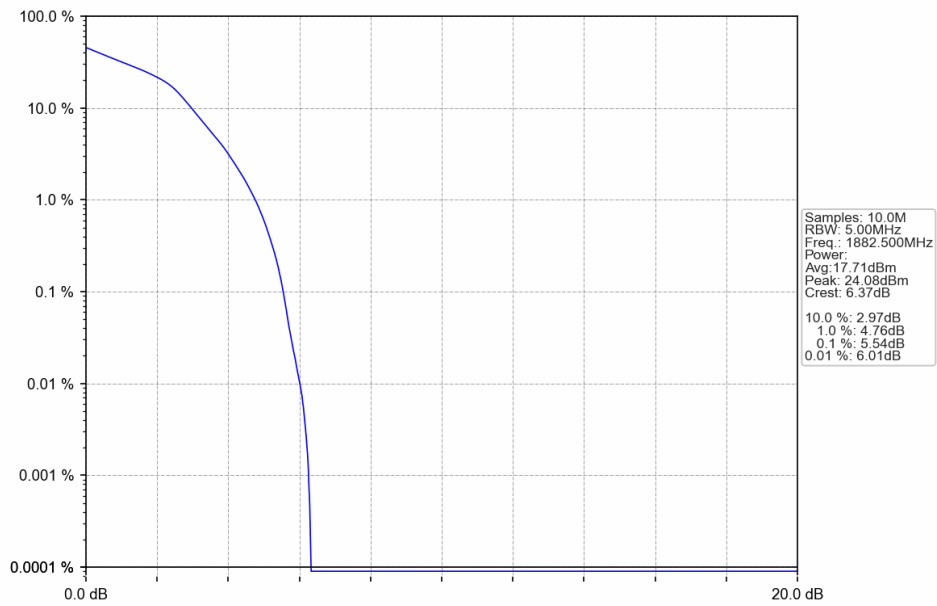
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



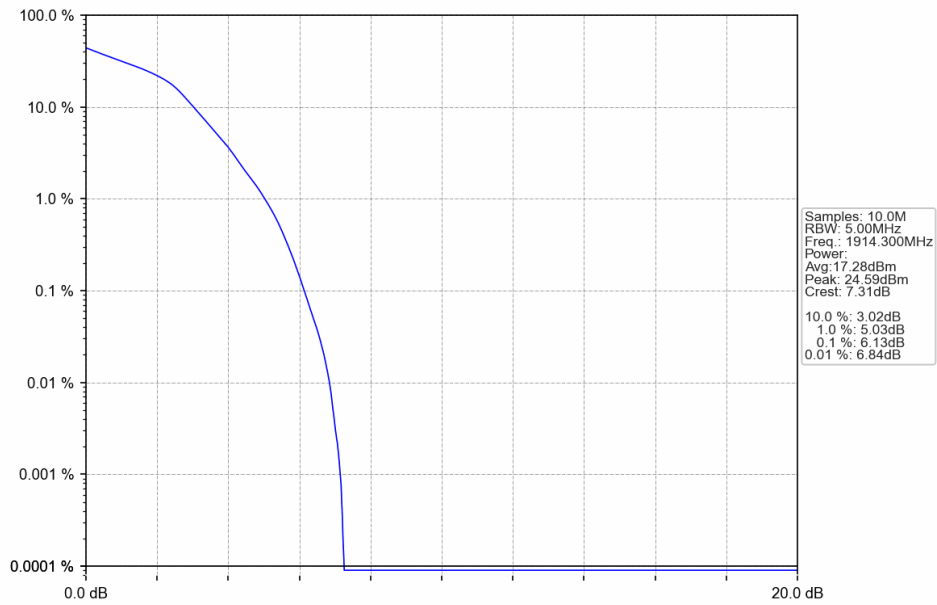
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

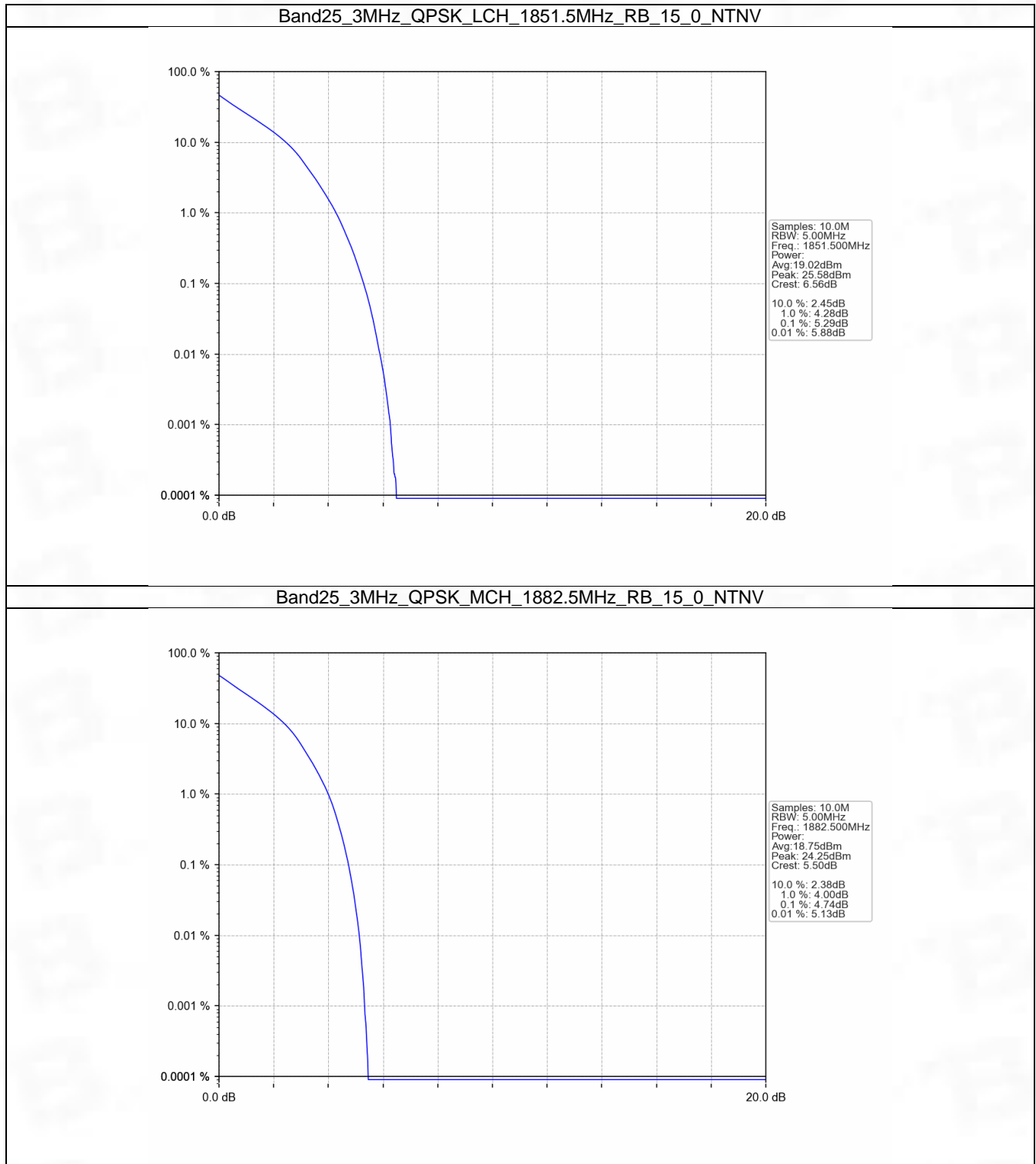


5.2 B25_3MHz

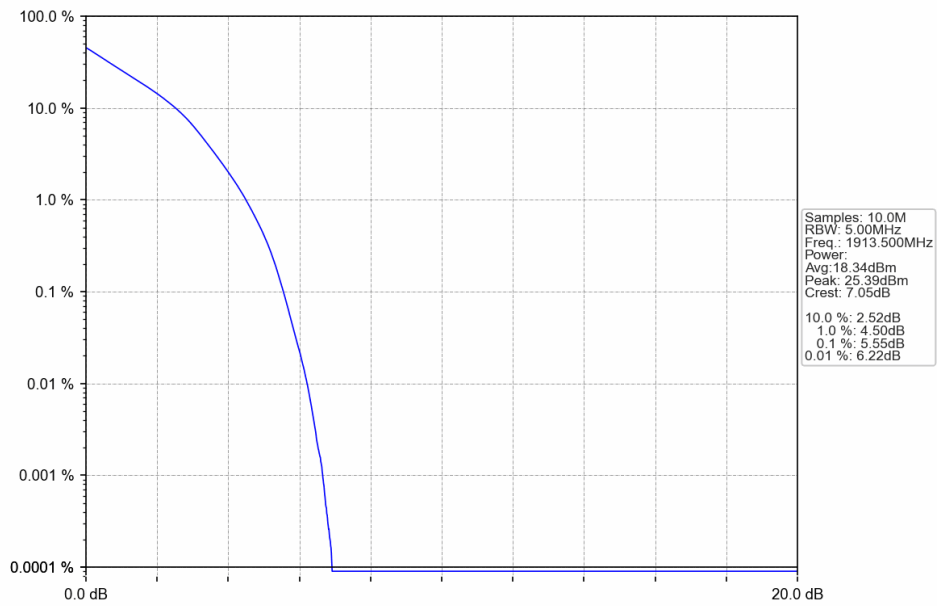
5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.29	<=13	Pass
	1882.5	15	0	4.74	<=13	Pass
	1913.5	15	0	5.55	<=13	Pass
16QAM	1851.5	15	0	6.10	<=13	Pass
	1882.5	15	0	5.62	<=13	Pass
	1913.5	15	0	6.32	<=13	Pass

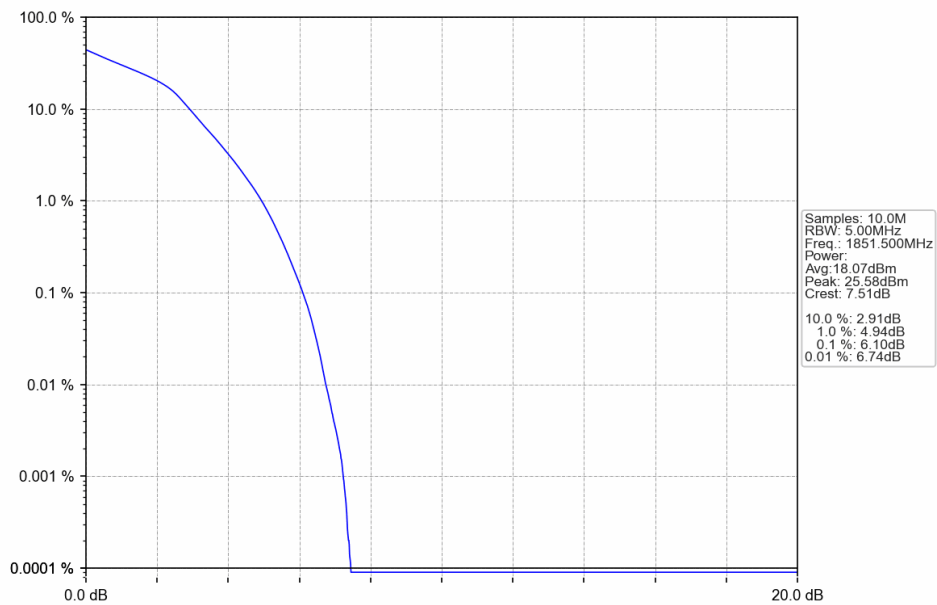
5.2.2 Test Graph



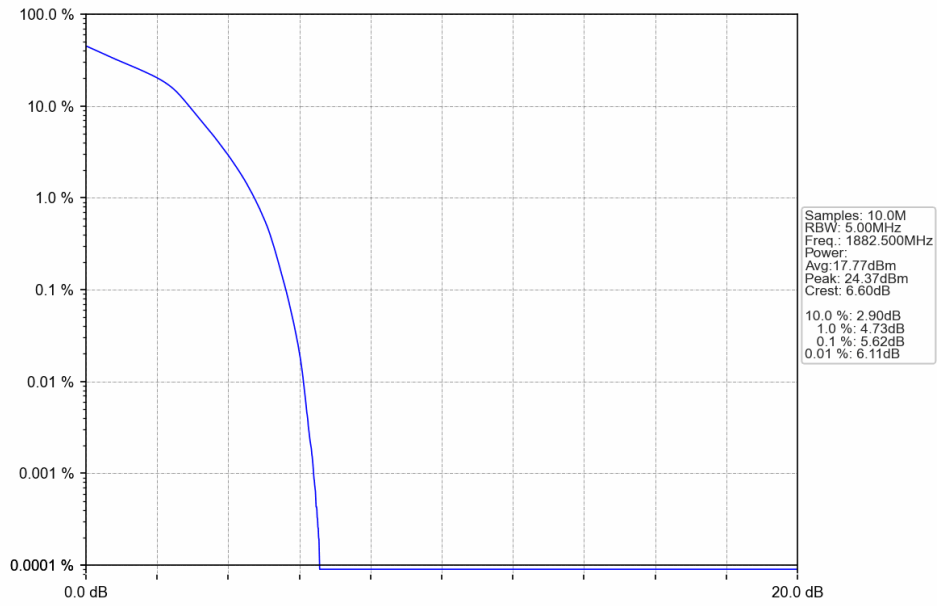
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



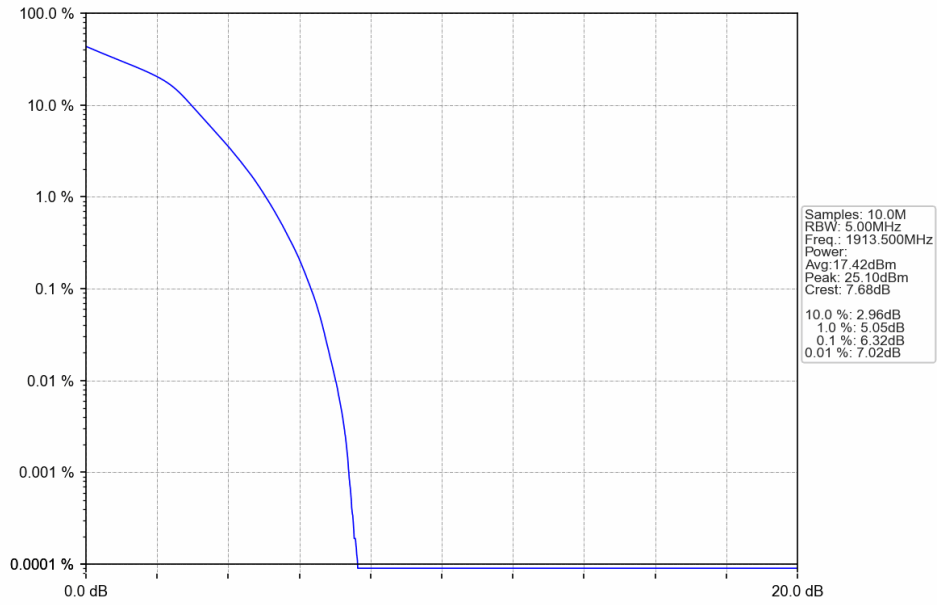
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



5.3 B25_5MHz

5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.53	<=13	Pass
	1882.5	25	0	5.12	<=13	Pass
	1912.5	25	0	5.68	<=13	Pass
16QAM	1852.5	25	0	6.20	<=13	Pass
	1882.5	25	0	5.83	<=13	Pass
	1912.5	25	0	6.42	<=13	Pass