

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	20.86	2.44	23.30	<=33.01	Pass		
			2	20.95	2.44	23.39	<=33.01	Pass		
			5	20.82	2.44	23.26	<=33.01	Pass		
		3	0	20.92	2.44	23.36	<=33.01	Pass		
			2	20.89	2.44	23.33	<=33.01	Pass		
			3	20.87	2.44	23.31	<=33.01	Pass		
		6	0	19.95	2.44	22.39	<=33.01	Pass		
		1880	1	0	20.85	2.44	23.29	<=33.01	Pass	
				2	20.93	2.44	23.37	<=33.01	Pass	
	5			20.85	2.44	23.29	<=33.01	Pass		
	3		0	20.88	2.44	23.32	<=33.01	Pass		
			2	20.93	2.44	23.37	<=33.01	Pass		
			3	20.90	2.44	23.34	<=33.01	Pass		
	6	0	19.94	2.44	22.38	<=33.01	Pass			
	1909.3	1	0	21.00	2.44	23.44	<=33.01	Pass		
			2	21.17	2.44	23.61	<=33.01	Pass		
			5	21.02	2.44	23.46	<=33.01	Pass		
		3	0	21.06	2.44	23.50	<=33.01	Pass		
			2	21.10	2.44	23.54	<=33.01	Pass		
			3	20.61	2.44	23.05	<=33.01	Pass		
		6	0	19.57	2.44	22.01	<=33.01	Pass		
		16QAM	1850.7	1	0	19.96	2.44	22.40	<=33.01	Pass
					2	20.08	2.44	22.52	<=33.01	Pass
	5				19.94	2.44	22.38	<=33.01	Pass	
3	0			19.83	2.44	22.27	<=33.01	Pass		
	2			19.89	2.44	22.33	<=33.01	Pass		
	3			19.88	2.44	22.32	<=33.01	Pass		
6	0			18.78	2.44	21.22	<=33.01	Pass		
1880	1			0	19.81	2.44	22.25	<=33.01	Pass	
				2	19.87	2.44	22.31	<=33.01	Pass	
			5	19.79	2.44	22.23	<=33.01	Pass		
	3		0	20.00	2.44	22.44	<=33.01	Pass		
			2	19.97	2.44	22.41	<=33.01	Pass		
			3	19.95	2.44	22.39	<=33.01	Pass		
6	0		18.75	2.44	21.19	<=33.01	Pass			
1909.3	1		0	19.47	2.44	21.91	<=33.01	Pass		
			2	19.62	2.44	22.06	<=33.01	Pass		
			5	19.52	2.44	21.96	<=33.01	Pass		
	3		0	19.61	2.44	22.05	<=33.01	Pass		
			2	19.61	2.44	22.05	<=33.01	Pass		
			3	19.60	2.44	22.04	<=33.01	Pass		
	6		0	18.52	2.44	20.96	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B2_3MHz_EIRP

1.2.1 Test Result

Band: 2 / 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	21.01	2.44	23.45	<=33.01	Pass		
			7	21.12	2.44	23.56	<=33.01	Pass		
			14	20.97	2.44	23.41	<=33.01	Pass		
		8	0	19.52	2.44	21.96	<=33.01	Pass		
			4	19.45	2.44	21.89	<=33.01	Pass		
			7	19.42	2.44	21.86	<=33.01	Pass		
		15	0	19.43	2.44	21.87	<=33.01	Pass		
		1880	1	0	20.48	2.44	22.92	<=33.01	Pass	
				7	20.65	2.44	23.09	<=33.01	Pass	
	14			20.51	2.44	22.95	<=33.01	Pass		
	8		0	19.50	2.44	21.94	<=33.01	Pass		
			4	19.51	2.44	21.95	<=33.01	Pass		
			7	19.50	2.44	21.94	<=33.01	Pass		
	15		0	19.47	2.44	21.91	<=33.01	Pass		
	1908.5		1	0	20.58	2.44	23.02	<=33.01	Pass	
				7	20.79	2.44	23.23	<=33.01	Pass	
		14		20.64	2.44	23.08	<=33.01	Pass		
		8	0	19.60	2.44	22.04	<=33.01	Pass		
			4	19.66	2.44	22.10	<=33.01	Pass		
			7	19.62	2.44	22.06	<=33.01	Pass		
		15	0	19.59	2.44	22.03	<=33.01	Pass		
		16QAM	1851.5	1	0	19.48	2.44	21.92	<=33.01	Pass
					7	19.60	2.44	22.04	<=33.01	Pass
	14				19.42	2.44	21.86	<=33.01	Pass	
	8			0	18.52	2.44	20.96	<=33.01	Pass	
				4	18.54	2.44	20.98	<=33.01	Pass	
				7	18.47	2.44	20.91	<=33.01	Pass	
15	0			18.47	2.44	20.91	<=33.01	Pass		
1880	1			0	19.62	2.44	22.06	<=33.01	Pass	
				7	19.76	2.44	22.20	<=33.01	Pass	
			14	19.63	2.44	22.07	<=33.01	Pass		
	8		0	18.45	2.44	20.89	<=33.01	Pass		
			4	18.49	2.44	20.93	<=33.01	Pass		
			7	18.47	2.44	20.91	<=33.01	Pass		
	15		0	18.44	2.44	20.88	<=33.01	Pass		
	1908.5		1	0	20.11	2.44	22.55	<=33.01	Pass	
				7	20.30	2.44	22.74	<=33.01	Pass	
14				20.16	2.44	22.60	<=33.01	Pass		
8			0	18.75	2.44	21.19	<=33.01	Pass		
			4	18.80	2.44	21.24	<=33.01	Pass		
			7	18.77	2.44	21.21	<=33.01	Pass		
15			0	18.68	2.44	21.12	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Band: 2 / 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	20.84	2.44	23.28	<=33.01	Pass		
			13	20.50	2.44	22.94	<=33.01	Pass		
			24	20.27	2.44	22.71	<=33.01	Pass		
		12	0	19.34	2.44	21.78	<=33.01	Pass		
			6	19.36	2.44	21.80	<=33.01	Pass		
			13	19.26	2.44	21.70	<=33.01	Pass		
		25	0	19.34	2.44	21.78	<=33.01	Pass		
		1880	1	0	20.31	2.44	22.75	<=33.01	Pass	
				13	20.45	2.44	22.89	<=33.01	Pass	
	24			20.38	2.44	22.82	<=33.01	Pass		
	12		0	19.41	2.44	21.85	<=33.01	Pass		
			6	19.42	2.44	21.86	<=33.01	Pass		
			13	19.36	2.44	21.80	<=33.01	Pass		
	25		0	19.42	2.44	21.86	<=33.01	Pass		
	1907.5		1	0	20.38	2.44	22.82	<=33.01	Pass	
				13	20.58	2.44	23.02	<=33.01	Pass	
		24		20.60	2.44	23.04	<=33.01	Pass		
		12	0	19.53	2.44	21.97	<=33.01	Pass		
			6	19.55	2.44	21.99	<=33.01	Pass		
			13	19.48	2.44	21.92	<=33.01	Pass		
		25	0	19.53	2.44	21.97	<=33.01	Pass		
		16QAM	1852.5	1	0	19.35	2.44	21.79	<=33.01	Pass
					13	19.49	2.44	21.93	<=33.01	Pass
	24				19.31	2.44	21.75	<=33.01	Pass	
12	0			18.37	2.44	20.81	<=33.01	Pass		
	6			18.39	2.44	20.83	<=33.01	Pass		
	13			18.29	2.44	20.73	<=33.01	Pass		
25	0			18.35	2.44	20.79	<=33.01	Pass		
1880	1			0	19.53	2.44	21.97	<=33.01	Pass	
				13	19.65	2.44	22.09	<=33.01	Pass	
			24	19.57	2.44	22.01	<=33.01	Pass		
	12		0	18.48	2.44	20.92	<=33.01	Pass		
			6	18.50	2.44	20.94	<=33.01	Pass		
			13	18.41	2.44	20.85	<=33.01	Pass		
	25		0	18.39	2.44	20.83	<=33.01	Pass		
	1907.5		1	0	19.20	2.44	21.64	<=33.01	Pass	
				13	19.44	2.44	21.88	<=33.01	Pass	
24				19.37	2.44	21.81	<=33.01	Pass		
12			0	18.51	2.44	20.95	<=33.01	Pass		
			6	18.56	2.44	21.00	<=33.01	Pass		
			13	18.51	2.44	20.95	<=33.01	Pass		
25			0	18.55	2.44	20.99	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	20.89	2.44	23.33	<=33.01	Pass		
			25	20.52	2.44	22.96	<=33.01	Pass		
			49	20.22	2.44	22.66	<=33.01	Pass		
		25	0	19.48	2.44	21.92	<=33.01	Pass		
			13	19.34	2.44	21.78	<=33.01	Pass		
			25	19.31	2.44	21.75	<=33.01	Pass		
		50	0	19.40	2.44	21.84	<=33.01	Pass		
		1880	1	0	20.33	2.44	22.77	<=33.01	Pass	
				25	20.61	2.44	23.05	<=33.01	Pass	
	49			20.42	2.44	22.86	<=33.01	Pass		
	25		0	19.57	2.44	22.01	<=33.01	Pass		
			13	19.49	2.44	21.93	<=33.01	Pass		
			25	19.40	2.44	21.84	<=33.01	Pass		
	50		0	19.48	2.44	21.92	<=33.01	Pass		
	1905		1	0	20.31	2.44	22.75	<=33.01	Pass	
				25	20.65	2.44	23.09	<=33.01	Pass	
		49		20.54	2.44	22.98	<=33.01	Pass		
		25	0	19.57	2.44	22.01	<=33.01	Pass		
			13	19.53	2.44	21.97	<=33.01	Pass		
			25	19.49	2.44	21.93	<=33.01	Pass		
		50	0	19.52	2.44	21.96	<=33.01	Pass		
		16QAM	1855	1	0	19.33	2.44	21.77	<=33.01	Pass
					25	19.48	2.44	21.92	<=33.01	Pass
	49				19.16	2.44	21.60	<=33.01	Pass	
25	0			18.57	2.44	21.01	<=33.01	Pass		
	13			18.40	2.44	20.84	<=33.01	Pass		
	25			18.38	2.44	20.82	<=33.01	Pass		
50	0			18.39	2.44	20.83	<=33.01	Pass		
1880	1			0	19.42	2.44	21.86	<=33.01	Pass	
				25	19.73	2.44	22.17	<=33.01	Pass	
			49	19.50	2.44	21.94	<=33.01	Pass		
	25		0	18.57	2.44	21.01	<=33.01	Pass		
			13	18.51	2.44	20.95	<=33.01	Pass		
			25	18.41	2.44	20.85	<=33.01	Pass		
	50		0	18.48	2.44	20.92	<=33.01	Pass		
	1905		1	0	19.65	2.44	22.09	<=33.01	Pass	
				25	20.16	2.44	22.60	<=33.01	Pass	
49				20.06	2.44	22.50	<=33.01	Pass		
25			0	18.63	2.44	21.07	<=33.01	Pass		
			13	18.56	2.44	21.00	<=33.01	Pass		
			25	18.53	2.44	20.97	<=33.01	Pass		
50			0	18.56	2.44	21.00	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1857.5	1	0	20.73	2.44	23.17	<=33.01	Pass	
			38	20.28	2.44	22.72	<=33.01	Pass	
			74	20.09	2.44	22.53	<=33.01	Pass	
		36	0	19.40	2.44	21.84	<=33.01	Pass	
			18	19.29	2.44	21.73	<=33.01	Pass	
			39	19.34	2.44	21.78	<=33.01	Pass	
		75	0	19.35	2.44	21.79	<=33.01	Pass	
		1880	1	0	20.10	2.44	22.54	<=33.01	Pass
				38	20.45	2.44	22.89	<=33.01	Pass
	74			20.22	2.44	22.66	<=33.01	Pass	
	36		0	19.46	2.44	21.90	<=33.01	Pass	
			18	19.41	2.44	21.85	<=33.01	Pass	
			39	19.38	2.44	21.82	<=33.01	Pass	
	75	0	19.41	2.44	21.85	<=33.01	Pass		
	1902.5	1	0	20.21	2.44	22.65	<=33.01	Pass	
			38	20.40	2.44	22.84	<=33.01	Pass	
			74	20.37	2.44	22.81	<=33.01	Pass	
		36	0	19.45	2.44	21.89	<=33.01	Pass	
18			19.46	2.44	21.90	<=33.01	Pass		
39			19.41	2.44	21.85	<=33.01	Pass		
75		0	19.40	2.44	21.84	<=33.01	Pass		
16QAM		1857.5	1	0	19.53	2.44	21.97	<=33.01	Pass
				38	19.52	2.44	21.96	<=33.01	Pass
	74			19.26	2.44	21.70	<=33.01	Pass	
	36		0	18.40	2.44	20.84	<=33.01	Pass	
			18	18.27	2.44	20.71	<=33.01	Pass	
			39	18.26	2.44	20.70	<=33.01	Pass	
	75		0	18.32	2.44	20.76	<=33.01	Pass	
	1880		1	0	19.24	2.44	21.68	<=33.01	Pass
				38	19.56	2.44	22.00	<=33.01	Pass
		74		19.33	2.44	21.77	<=33.01	Pass	
		36	0	18.46	2.44	20.90	<=33.01	Pass	
			18	18.48	2.44	20.92	<=33.01	Pass	
			39	18.39	2.44	20.83	<=33.01	Pass	
	75	0	18.44	2.44	20.88	<=33.01	Pass		
	1902.5	1	0	19.47	2.44	21.91	<=33.01	Pass	
			38	19.83	2.44	22.27	<=33.01	Pass	
			74	19.92	2.44	22.36	<=33.01	Pass	
		36	0	18.37	2.44	20.81	<=33.01	Pass	
18			18.44	2.44	20.88	<=33.01	Pass		
39			18.42	2.44	20.86	<=33.01	Pass		
75		0	18.37	2.44	20.81	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1860	1	0	20.49	2.44	22.93	<=33.01	Pass		
			50	20.33	2.44	22.77	<=33.01	Pass		
			99	19.92	2.44	22.36	<=33.01	Pass		
		50	0	19.38	2.44	21.82	<=33.01	Pass		
			25	19.20	2.44	21.64	<=33.01	Pass		
			50	19.39	2.44	21.83	<=33.01	Pass		
		100	0	19.40	2.44	21.84	<=33.01	Pass		
		1880	1	0	19.93	2.44	22.37	<=33.01	Pass	
				50	20.56	2.44	23.00	<=33.01	Pass	
	99			20.08	2.44	22.52	<=33.01	Pass		
	50		0	19.46	2.44	21.90	<=33.01	Pass		
			25	19.41	2.44	21.85	<=33.01	Pass		
			50	19.29	2.44	21.73	<=33.01	Pass		
	100		0	19.41	2.44	21.85	<=33.01	Pass		
	1900		1	0	20.05	2.44	22.49	<=33.01	Pass	
				50	20.50	2.44	22.94	<=33.01	Pass	
		99		20.29	2.44	22.73	<=33.01	Pass		
		50	0	19.27	2.44	21.71	<=33.01	Pass		
			25	19.30	2.44	21.74	<=33.01	Pass		
			50	19.23	2.44	21.67	<=33.01	Pass		
		100	0	19.29	2.44	21.73	<=33.01	Pass		
		16QAM	1860	1	0	19.51	2.44	21.95	<=33.01	Pass
					50	19.76	2.44	22.20	<=33.01	Pass
	99				19.33	2.44	21.77	<=33.01	Pass	
50	0			18.37	2.44	20.81	<=33.01	Pass		
	25			18.17	2.44	20.61	<=33.01	Pass		
	50			18.36	2.44	20.80	<=33.01	Pass		
100	0			18.41	2.44	20.85	<=33.01	Pass		
1880	1			0	19.02	2.44	21.46	<=33.01	Pass	
				50	19.75	2.44	22.19	<=33.01	Pass	
			99	19.21	2.44	21.65	<=33.01	Pass		
	50		0	18.44	2.44	20.88	<=33.01	Pass		
			25	18.40	2.44	20.84	<=33.01	Pass		
			50	18.31	2.44	20.75	<=33.01	Pass		
	100		0	18.39	2.44	20.83	<=33.01	Pass		
	1900		1	0	19.22	2.44	21.66	<=33.01	Pass	
				50	19.62	2.44	22.06	<=33.01	Pass	
99				19.49	2.44	21.93	<=33.01	Pass		
50			0	18.24	2.44	20.68	<=33.01	Pass		
			25	18.29	2.44	20.73	<=33.01	Pass		
			50	18.19	2.44	20.63	<=33.01	Pass		
100			0	18.27	2.44	20.71	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B2_1.4MHz

2.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-6.752	-0.0036	-2.5 to 2.5	Pass
					3.85	-13.218	-0.0071	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.679	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-6.280	-0.0034	-2.5 to 2.5	Pass
	50	3.85	-17.910	-0.0097	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-9.456	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
					4.43	7.281	0.0039	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-12.016	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				0	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-13.804	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-14.949	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-8.054	-0.0043	-2.5 to 2.5	Pass
	50	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-14.448	-0.0076	-2.5 to 2.5	Pass
					3.85	-7.453	-0.0039	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-14.577	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-20.356	-0.0107	-2.5 to 2.5	Pass
30				3.85	-18.010	-0.0094	-2.5 to 2.5	Pass	
40				3.85	-8.769	-0.0046	-2.5 to 2.5	Pass	
50	3.85	-9.727	-0.0051	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-11.644	-0.0063	-2.5 to 2.5	Pass
					3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
					4.43	-11.730	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-11.358	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-9.313	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-10.958	-0.0059	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				30	3.85	-15.607	-0.0084	-2.5 to 2.5	Pass
				40	3.85	0.687	0.0004	-2.5 to 2.5	Pass
	50	3.85	-18.768	-0.0101	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-10.271	-0.0055	-2.5 to 2.5	Pass
					3.85	-19.770	-0.0105	-2.5 to 2.5	Pass

					4.43	-12.646	-0.0067	-2.5 to 2.5	Pass			
				-30	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass			
				-20	3.85	-13.433	-0.0071	-2.5 to 2.5	Pass			
				-10	3.85	-5.164	-0.0027	-2.5 to 2.5	Pass			
				0	3.85	-7.939	-0.0042	-2.5 to 2.5	Pass			
				10	3.85	-5.722	-0.0030	-2.5 to 2.5	Pass			
				30	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass			
				40	3.85	-12.517	-0.0067	-2.5 to 2.5	Pass			
				50	3.85	-13.375	-0.0071	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	4.091	0.0021	-2.5 to 2.5	Pass			
								3.85	-11.487	-0.0060	-2.5 to 2.5	Pass
								4.43	-14.391	-0.0075	-2.5 to 2.5	Pass
							-30	3.85	-6.280	-0.0033	-2.5 to 2.5	Pass
							-20	3.85	-9.384	-0.0049	-2.5 to 2.5	Pass
							-10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
							0	3.85	-3.147	-0.0016	-2.5 to 2.5	Pass
							10	3.85	-12.088	-0.0063	-2.5 to 2.5	Pass
							30	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
							40	3.85	-12.159	-0.0064	-2.5 to 2.5	Pass
							50	3.85	1.745	0.0009	-2.5 to 2.5	Pass

2.2 B2_3MHz

2.2.1 Test Result

Band: 2 / Bandwidth: 3MHz													
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict				
		Size	Offset				Result	Limit					
QPSK	1851.5	15	0	20	3.27	-18.840	-0.0102	-2.5 to 2.5	Pass				
						3.85	-9.112	-0.0049	-2.5 to 2.5	Pass			
						4.43	-3.490	-0.0019	-2.5 to 2.5	Pass			
							-30	3.85	-5.736	-0.0031	-2.5 to 2.5	Pass	
							-20	3.85	-17.009	-0.0092	-2.5 to 2.5	Pass	
							-10	3.85	-8.125	-0.0044	-2.5 to 2.5	Pass	
							0	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass	
							10	3.85	0.587	0.0003	-2.5 to 2.5	Pass	
							30	3.85	-17.266	-0.0093	-2.5 to 2.5	Pass	
							40	3.85	-11.902	-0.0064	-2.5 to 2.5	Pass	
							50	3.85	-24.762	-0.0134	-2.5 to 2.5	Pass	
					1880	15	0	20	3.27	-8.740	-0.0046	-2.5 to 2.5	Pass
									3.85	-15.364	-0.0082	-2.5 to 2.5	Pass
									4.43	-9.284	-0.0049	-2.5 to 2.5	Pass
								-30	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass
								-20	3.85	-10.786	-0.0057	-2.5 to 2.5	Pass
								-10	3.85	-6.194	-0.0033	-2.5 to 2.5	Pass
								0	3.85	5.250	0.0028	-2.5 to 2.5	Pass
								10	3.85	3.347	0.0018	-2.5 to 2.5	Pass
								30	3.85	-16.837	-0.0090	-2.5 to 2.5	Pass
								40	3.85	-13.962	-0.0074	-2.5 to 2.5	Pass
								50	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
		1908.5	15	0				20	3.27	-19.283	-0.0101	-2.5 to 2.5	Pass
									3.85	-4.478	-0.0023	-2.5 to 2.5	Pass
									4.43	2.804	0.0015	-2.5 to 2.5	Pass
								-30	3.85	-9.470	-0.0050	-2.5 to 2.5	Pass
								-20	3.85	-12.074	-0.0063	-2.5 to 2.5	Pass

				-10	3.85	-15.721	-0.0082	-2.5 to 2.5	Pass			
				0	3.85	-12.388	-0.0065	-2.5 to 2.5	Pass			
				10	3.85	-5.765	-0.0030	-2.5 to 2.5	Pass			
				30	3.85	-20.099	-0.0105	-2.5 to 2.5	Pass			
				40	3.85	-17.252	-0.0090	-2.5 to 2.5	Pass			
				50	3.85	4.492	0.0024	-2.5 to 2.5	Pass			
16QAM	1851.5	15	0	20	3.27	-19.441	-0.0105	-2.5 to 2.5	Pass			
					3.85	-16.422	-0.0089	-2.5 to 2.5	Pass			
					4.43	-12.245	-0.0066	-2.5 to 2.5	Pass			
				-30	3.85	-20.385	-0.0110	-2.5 to 2.5	Pass			
				-20	3.85	-21.172	-0.0114	-2.5 to 2.5	Pass			
				-10	3.85	-18.382	-0.0099	-2.5 to 2.5	Pass			
				0	3.85	-13.990	-0.0076	-2.5 to 2.5	Pass			
				10	3.85	-6.266	-0.0034	-2.5 to 2.5	Pass			
				30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass			
				40	3.85	-10.600	-0.0057	-2.5 to 2.5	Pass			
				50	3.85	2.689	0.0015	-2.5 to 2.5	Pass			
				1880	15	0	20	3.27	1.531	0.0008	-2.5 to 2.5	Pass
								3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
								4.43	-5.894	-0.0031	-2.5 to 2.5	Pass
							-30	3.85	-17.767	-0.0095	-2.5 to 2.5	Pass
	-20	3.85	-13.618				-0.0072	-2.5 to 2.5	Pass			
	-10	3.85	-11.616				-0.0062	-2.5 to 2.5	Pass			
	0	3.85	-9.112				-0.0048	-2.5 to 2.5	Pass			
	10	3.85	-2.275				-0.0012	-2.5 to 2.5	Pass			
	30	3.85	-14.906				-0.0079	-2.5 to 2.5	Pass			
	40	3.85	2.332				0.0012	-2.5 to 2.5	Pass			
	50	3.85	-11.215				-0.0060	-2.5 to 2.5	Pass			
	1908.5	15	0				20	3.27	1.488	0.0008	-2.5 to 2.5	Pass
								3.85	-7.081	-0.0037	-2.5 to 2.5	Pass
								4.43	-1.202	-0.0006	-2.5 to 2.5	Pass
							-30	3.85	-10.400	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass			
				-10	3.85	-6.738	-0.0035	-2.5 to 2.5	Pass			
				0	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass			
				10	3.85	3.934	0.0021	-2.5 to 2.5	Pass			
30				3.85	2.446	0.0013	-2.5 to 2.5	Pass				
40				3.85	-16.122	-0.0084	-2.5 to 2.5	Pass				
50				3.85	-13.661	-0.0072	-2.5 to 2.5	Pass				

2.3 B2_5MHz

2.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-53.201	-0.0287	-2.5 to 2.5	Pass
					3.85	-5.579	-0.0030	-2.5 to 2.5	Pass
					4.43	-11.845	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-15.049	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-10.743	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0021	-2.5 to 2.5	Pass

	1880	25	0	30	3.85	-15.993	-0.0086	-2.5 to 2.5	Pass	
				40	3.85	-11.287	-0.0061	-2.5 to 2.5	Pass	
				50	3.85	-7.367	-0.0040	-2.5 to 2.5	Pass	
				20	3.27	-19.999	-0.0106	-2.5 to 2.5	Pass	
					3.85	-5.894	-0.0031	-2.5 to 2.5	Pass	
					4.43	-17.738	-0.0094	-2.5 to 2.5	Pass	
				-30	3.85	-9.084	-0.0048	-2.5 to 2.5	Pass	
				-20	3.85	-16.437	-0.0087	-2.5 to 2.5	Pass	
				-10	3.85	-12.574	-0.0067	-2.5 to 2.5	Pass	
	0	3.85	-18.682	-0.0099	-2.5 to 2.5	Pass				
	10	3.85	-10.257	-0.0055	-2.5 to 2.5	Pass				
	30	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass				
	40	3.85	-16.794	-0.0089	-2.5 to 2.5	Pass				
	50	3.85	-13.447	-0.0072	-2.5 to 2.5	Pass				
	1907.5	25	0	20	3.27	-14.520	-0.0076	-2.5 to 2.5	Pass	
					3.85	-12.832	-0.0067	-2.5 to 2.5	Pass	
					4.43	-9.928	-0.0052	-2.5 to 2.5	Pass	
				-30	3.85	1.760	0.0009	-2.5 to 2.5	Pass	
				-20	3.85	-13.347	-0.0070	-2.5 to 2.5	Pass	
				-10	3.85	-12.889	-0.0068	-2.5 to 2.5	Pass	
				0	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass	
				10	3.85	-10.586	-0.0055	-2.5 to 2.5	Pass	
				30	3.85	-14.806	-0.0078	-2.5 to 2.5	Pass	
				40	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass	
				50	3.85	-7.324	-0.0038	-2.5 to 2.5	Pass	
				16QAM	1852.5	25	0	20	3.27	-9.327
	3.85	-12.732	-0.0069						-2.5 to 2.5	Pass
	4.43	-8.268	-0.0045						-2.5 to 2.5	Pass
	-30	3.85	-14.420					-0.0078	-2.5 to 2.5	Pass
	-20	3.85	-14.348					-0.0077	-2.5 to 2.5	Pass
-10	3.85	-19.341	-0.0104					-2.5 to 2.5	Pass	
0	3.85	-15.850	-0.0086					-2.5 to 2.5	Pass	
10	3.85	-4.821	-0.0026					-2.5 to 2.5	Pass	
30	3.85	-5.493	-0.0030					-2.5 to 2.5	Pass	
40	3.85	-12.674	-0.0068		-2.5 to 2.5	Pass				
50	3.85	-8.726	-0.0047		-2.5 to 2.5	Pass				
1880	25	0	20		3.27	-4.063	-0.0022	-2.5 to 2.5	Pass	
					3.85	-21.272	-0.0113	-2.5 to 2.5	Pass	
					4.43	-19.798	-0.0105	-2.5 to 2.5	Pass	
			-30		3.85	-19.498	-0.0104	-2.5 to 2.5	Pass	
			-20		3.85	-8.597	-0.0046	-2.5 to 2.5	Pass	
			-10		3.85	-15.950	-0.0085	-2.5 to 2.5	Pass	
			0		3.85	-8.326	-0.0044	-2.5 to 2.5	Pass	
			10		3.85	3.276	0.0017	-2.5 to 2.5	Pass	
			30		3.85	-13.461	-0.0072	-2.5 to 2.5	Pass	
40	3.85	0.830	0.0004		-2.5 to 2.5	Pass				
50	3.85	-14.591	-0.0078		-2.5 to 2.5	Pass				
1907.5	25	0	20		3.27	-5.307	-0.0028	-2.5 to 2.5	Pass	
					3.85	-9.098	-0.0048	-2.5 to 2.5	Pass	
					4.43	2.146	0.0011	-2.5 to 2.5	Pass	
			-30		3.85	2.046	0.0011	-2.5 to 2.5	Pass	
			-20		3.85	-3.848	-0.0020	-2.5 to 2.5	Pass	
			-10		3.85	-13.061	-0.0068	-2.5 to 2.5	Pass	
			0		3.85	-2.289	-0.0012	-2.5 to 2.5	Pass	
			10		3.85	2.332	0.0012	-2.5 to 2.5	Pass	
			30	3.85	-7.653	-0.0040	-2.5 to 2.5	Pass		
40	3.85	-7.110	-0.0037	-2.5 to 2.5	Pass					

				50	3.85	-6.809	-0.0036	-2.5 to 2.5	Pass
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2.4 B2_10MHz

2.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	-7.868	-0.0042	-2.5 to 2.5	Pass
					4.43	-8.941	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-7.224	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
				0	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				10	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-8.039	-0.0043	-2.5 to 2.5	Pass
	50	3.85	-7.467	-0.0040	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-12.116	-0.0064	-2.5 to 2.5	Pass
					3.85	-13.447	-0.0072	-2.5 to 2.5	Pass
					4.43	-14.420	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-13.561	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-8.640	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-9.041	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-16.537	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-12.074	-0.0064	-2.5 to 2.5	Pass
	50	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-10.386	-0.0055	-2.5 to 2.5	Pass
					3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
					4.43	-8.512	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-10.843	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-10.428	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-10.915	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-10.700	-0.0056	-2.5 to 2.5	Pass
30				3.85	-4.563	-0.0024	-2.5 to 2.5	Pass	
40				3.85	1.159	0.0006	-2.5 to 2.5	Pass	
50	3.85	-5.207	-0.0027	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-4.449	-0.0024	-2.5 to 2.5	Pass
					3.85	-9.813	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.565	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-7.210	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-7.167	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.85	-10.057	-0.0054	-2.5 to 2.5	Pass
	50	3.85	-4.578	-0.0025	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-12.617	-0.0067	-2.5 to 2.5	Pass
					3.85	-12.002	-0.0064	-2.5 to 2.5	Pass

					4.43	-10.128	-0.0054	-2.5 to 2.5	Pass			
				-30	3.85	-6.752	-0.0036	-2.5 to 2.5	Pass			
				-20	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass			
				-10	3.85	1.287	0.0007	-2.5 to 2.5	Pass			
				0	3.85	-14.491	-0.0077	-2.5 to 2.5	Pass			
				10	3.85	-12.975	-0.0069	-2.5 to 2.5	Pass			
				30	3.85	-12.188	-0.0065	-2.5 to 2.5	Pass			
				40	3.85	-21.372	-0.0114	-2.5 to 2.5	Pass			
				50	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-4.005	-0.0021	-2.5 to 2.5	Pass			
								3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
								4.43	-8.998	-0.0047	-2.5 to 2.5	Pass
							-30	3.85	-6.123	-0.0032	-2.5 to 2.5	Pass
							-20	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
							-10	3.85	-6.323	-0.0033	-2.5 to 2.5	Pass
							0	3.85	1.216	0.0006	-2.5 to 2.5	Pass
							10	3.85	-12.474	-0.0065	-2.5 to 2.5	Pass
							30	3.85	-6.251	-0.0033	-2.5 to 2.5	Pass
							40	3.85	1.802	0.0009	-2.5 to 2.5	Pass
							50	3.85	-6.166	-0.0032	-2.5 to 2.5	Pass

2.5 B2_15MHz

2.5.1 Test Result

Band: 2 / Bandwidth: 15MHz													
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict				
		Size	Offset				Result	Limit					
QPSK	1857.5	75	0	20	3.27	-9.012	-0.0049	-2.5 to 2.5	Pass				
						3.85	0.944	0.0005	-2.5 to 2.5	Pass			
						4.43	-1.845	-0.0010	-2.5 to 2.5	Pass			
								-30	3.85	-12.760	-0.0069	-2.5 to 2.5	Pass
								-20	3.85	-7.110	-0.0038	-2.5 to 2.5	Pass
								-10	3.85	-12.560	-0.0068	-2.5 to 2.5	Pass
								0	3.85	-5.364	-0.0029	-2.5 to 2.5	Pass
								10	3.85	-7.296	-0.0039	-2.5 to 2.5	Pass
								30	3.85	-8.869	-0.0048	-2.5 to 2.5	Pass
								40	3.85	-8.254	-0.0044	-2.5 to 2.5	Pass
								50	3.85	-7.968	-0.0043	-2.5 to 2.5	Pass
					1880	75	0	20	3.27	-12.045	-0.0064	-2.5 to 2.5	Pass
									3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
									4.43	-4.749	-0.0025	-2.5 to 2.5	Pass
								-30	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
								-20	3.85	-7.424	-0.0039	-2.5 to 2.5	Pass
								-10	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass
								0	3.85	-9.513	-0.0051	-2.5 to 2.5	Pass
								10	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
								30	3.85	-12.574	-0.0067	-2.5 to 2.5	Pass
								40	3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
								50	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
		1902.5	75	0				20	3.27	-10.757	-0.0057	-2.5 to 2.5	Pass
									3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
									4.43	-3.791	-0.0020	-2.5 to 2.5	Pass
								-30	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
								-20	3.85	-8.483	-0.0045	-2.5 to 2.5	Pass

				-10	3.85	-9.356	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-5.550	-0.0029	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-3.362	-0.0018	-2.5 to 2.5	Pass
					3.85	3.977	0.0021	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-6.595	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-6.781	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-6.680	-0.0036	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-5.951	-0.0032	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-9.999	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-11.873	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-9.913	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-12.116	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-12.145	-0.0065	-2.5 to 2.5	Pass
	50	3.85	-11.859	-0.0063	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-12.431	-0.0065	-2.5 to 2.5	Pass
					3.85	-16.093	-0.0085	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-9.871	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.507	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-15.163	-0.0080	-2.5 to 2.5	Pass
30				3.85	-5.493	-0.0029	-2.5 to 2.5	Pass	
40				3.85	-8.597	-0.0045	-2.5 to 2.5	Pass	
50	3.85	-11.144	-0.0059	-2.5 to 2.5	Pass				

2.6 B2_20MHz

2.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-10.743	-0.0058	-2.5 to 2.5	Pass
					3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	3.519	0.0019	-2.5 to 2.5	Pass
				-10	3.85	-5.379	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-7.510	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass

	1880	100	0	30	3.85	-7.725	-0.0042	-2.5 to 2.5	Pass	
				40	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass	
				50	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass	
				20	3.27	-14.091	-0.0075	-2.5 to 2.5	Pass	
					3.85	-10.657	-0.0057	-2.5 to 2.5	Pass	
					4.43	-10.643	-0.0057	-2.5 to 2.5	Pass	
				-30	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass	
				-20	3.85	-9.413	-0.0050	-2.5 to 2.5	Pass	
				-10	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass	
				0	3.85	-9.584	-0.0051	-2.5 to 2.5	Pass	
				10	3.85	-9.499	-0.0051	-2.5 to 2.5	Pass	
				30	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass	
	40	3.85	-10.200	-0.0054	-2.5 to 2.5	Pass				
	50	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass				
	1900	100	0	20	3.27	-9.112	-0.0048	-2.5 to 2.5	Pass	
					3.85	-6.509	-0.0034	-2.5 to 2.5	Pass	
					4.43	-9.241	-0.0049	-2.5 to 2.5	Pass	
				-30	3.85	-9.470	-0.0050	-2.5 to 2.5	Pass	
				-20	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass	
				-10	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass	
				0	3.85	-8.755	-0.0046	-2.5 to 2.5	Pass	
				10	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass	
				30	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass	
				40	3.85	-9.670	-0.0051	-2.5 to 2.5	Pass	
				50	3.85	-11.172	-0.0059	-2.5 to 2.5	Pass	
				16QAM	1860	100	0	20	3.27	-0.443
	3.85	-4.921	-0.0026						-2.5 to 2.5	Pass
	4.43	-3.004	-0.0016						-2.5 to 2.5	Pass
	-30	3.85	3.276					0.0018	-2.5 to 2.5	Pass
	-20	3.85	-0.172					-0.0001	-2.5 to 2.5	Pass
-10	3.85	-6.967	-0.0037					-2.5 to 2.5	Pass	
0	3.85	-4.878	-0.0026					-2.5 to 2.5	Pass	
10	3.85	-5.722	-0.0031					-2.5 to 2.5	Pass	
30	3.85	-0.515	-0.0003					-2.5 to 2.5	Pass	
40	3.85	-7.896	-0.0042					-2.5 to 2.5	Pass	
50	3.85	-6.566	-0.0035					-2.5 to 2.5	Pass	
1880	100	0	20					3.27	-10.514	-0.0056
					3.85	-8.941	-0.0048	-2.5 to 2.5	Pass	
					4.43	-12.503	-0.0067	-2.5 to 2.5	Pass	
			-30		3.85	-12.660	-0.0067	-2.5 to 2.5	Pass	
			-20		3.85	-3.147	-0.0017	-2.5 to 2.5	Pass	
			-10		3.85	-8.383	-0.0045	-2.5 to 2.5	Pass	
			0		3.85	-7.567	-0.0040	-2.5 to 2.5	Pass	
			10		3.85	-5.293	-0.0028	-2.5 to 2.5	Pass	
			30		3.85	-4.978	-0.0026	-2.5 to 2.5	Pass	
			40		3.85	-1.774	-0.0009	-2.5 to 2.5	Pass	
			50		3.85	0.086	0.0000	-2.5 to 2.5	Pass	
			1900		100	0	20	3.27	-9.556	-0.0050
3.85	-6.866	-0.0036						-2.5 to 2.5	Pass	
4.43	-13.633	-0.0072						-2.5 to 2.5	Pass	
-30	3.85	-2.332					-0.0012	-2.5 to 2.5	Pass	
-20	3.85	-9.313					-0.0049	-2.5 to 2.5	Pass	
-10	3.85	-7.739					-0.0041	-2.5 to 2.5	Pass	
0	3.85	-4.921					-0.0026	-2.5 to 2.5	Pass	
10	3.85	-7.710					-0.0041	-2.5 to 2.5	Pass	
30	3.85	-7.925		-0.0042			-2.5 to 2.5	Pass		
40	3.85	-1.802		-0.0009			-2.5 to 2.5	Pass		

				50	3.85	-10.657	-0.0056	-2.5 to 2.5	Pass
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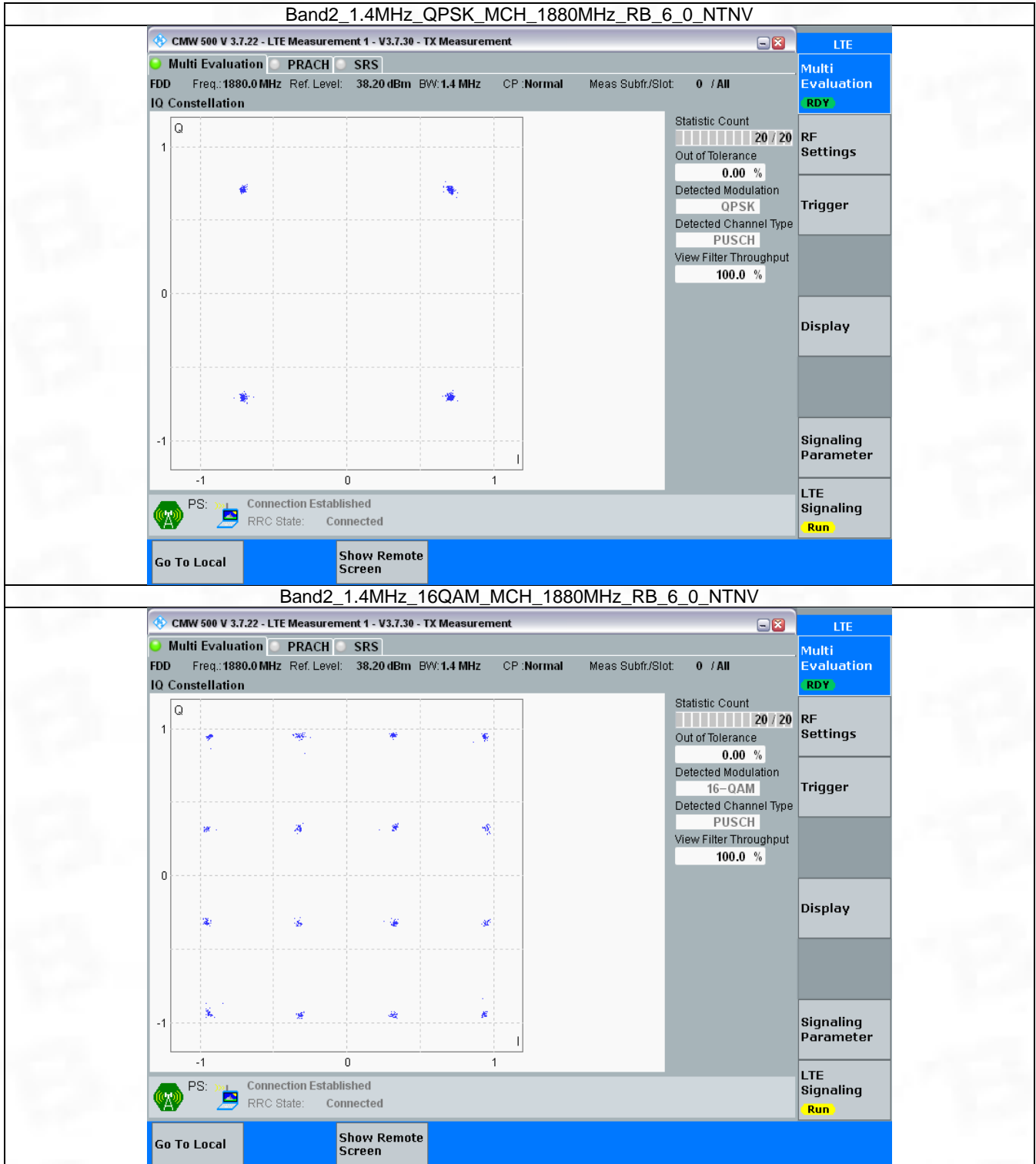
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

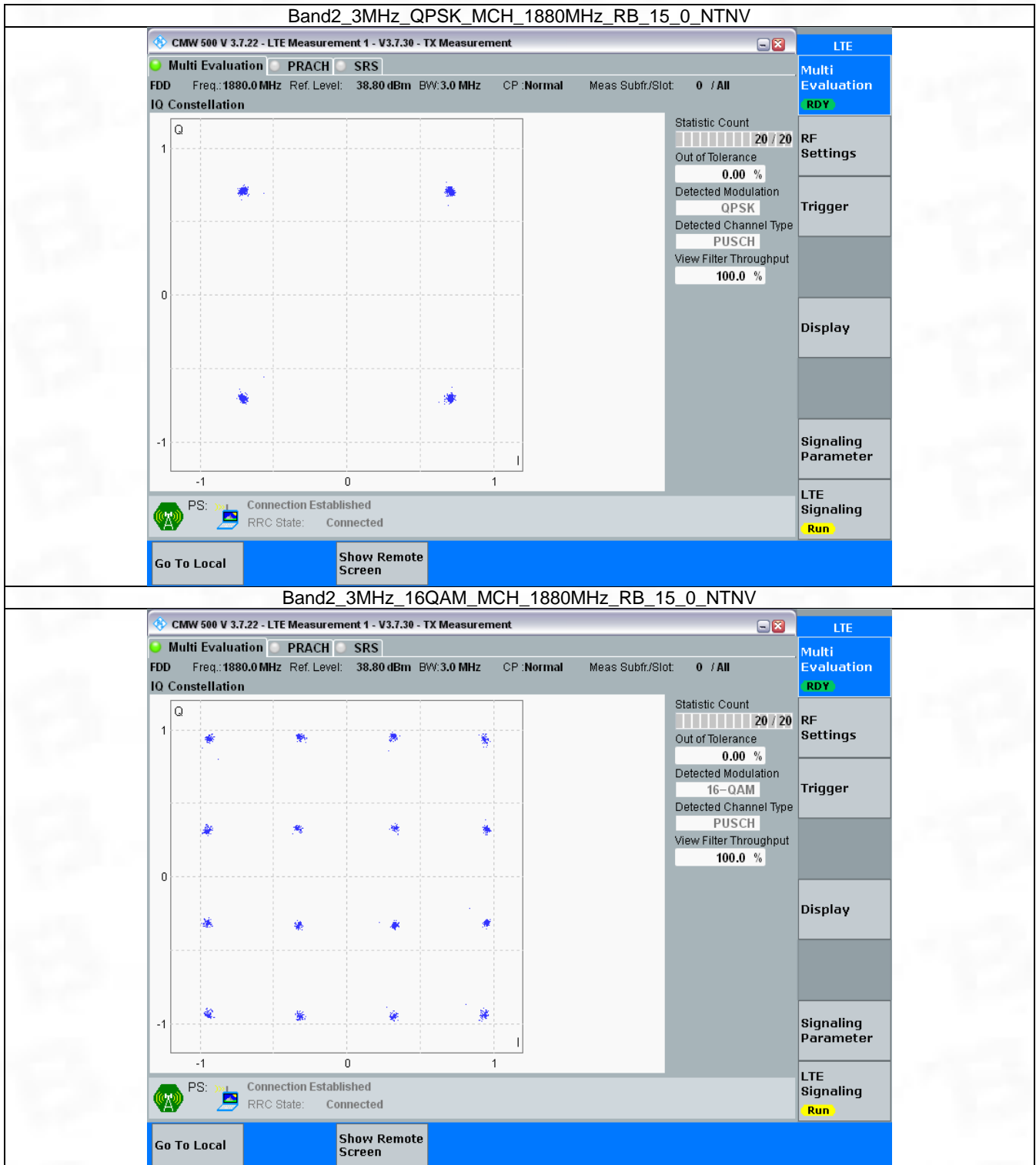


3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph		Pass
16QAM	1880	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

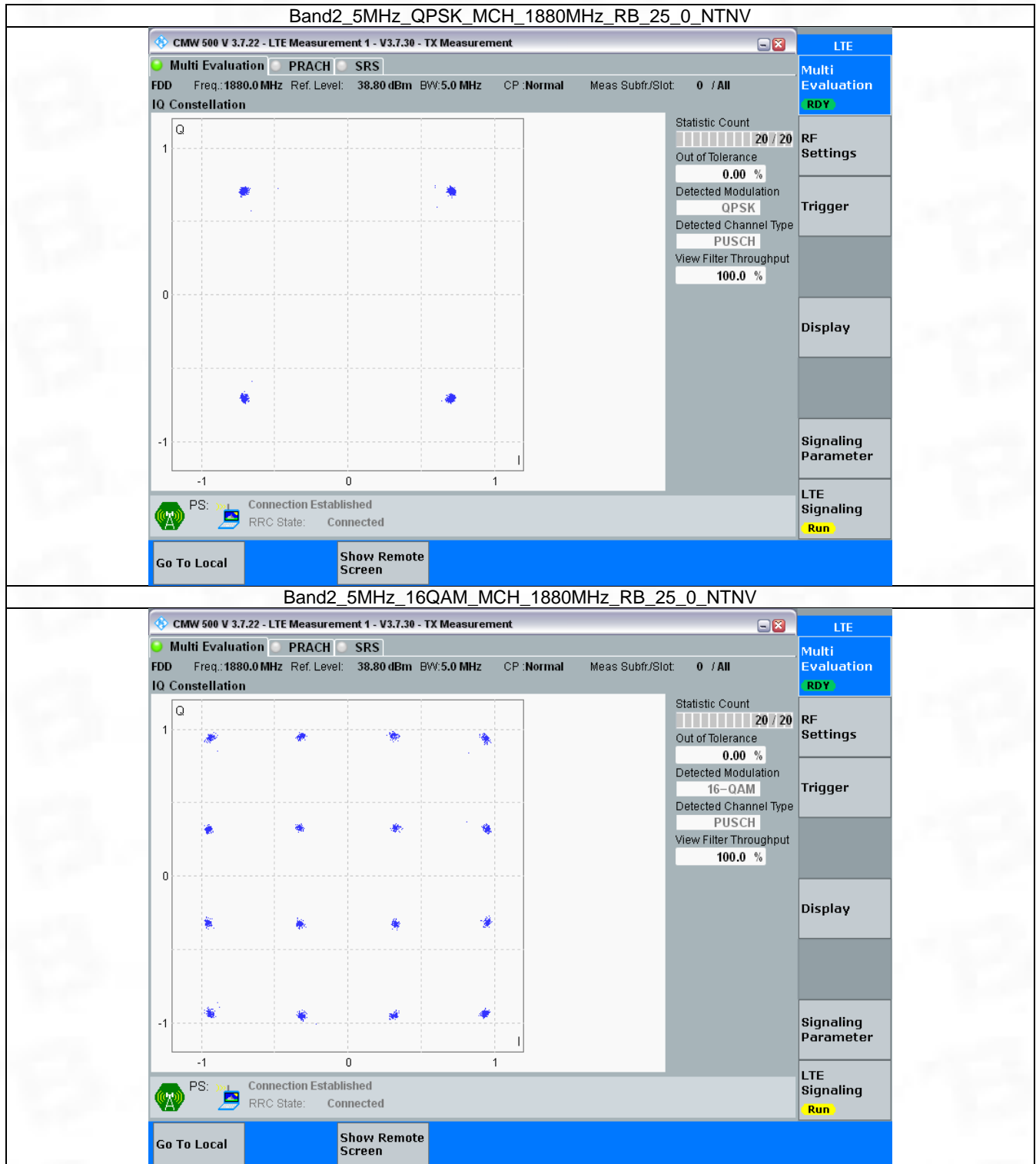


3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

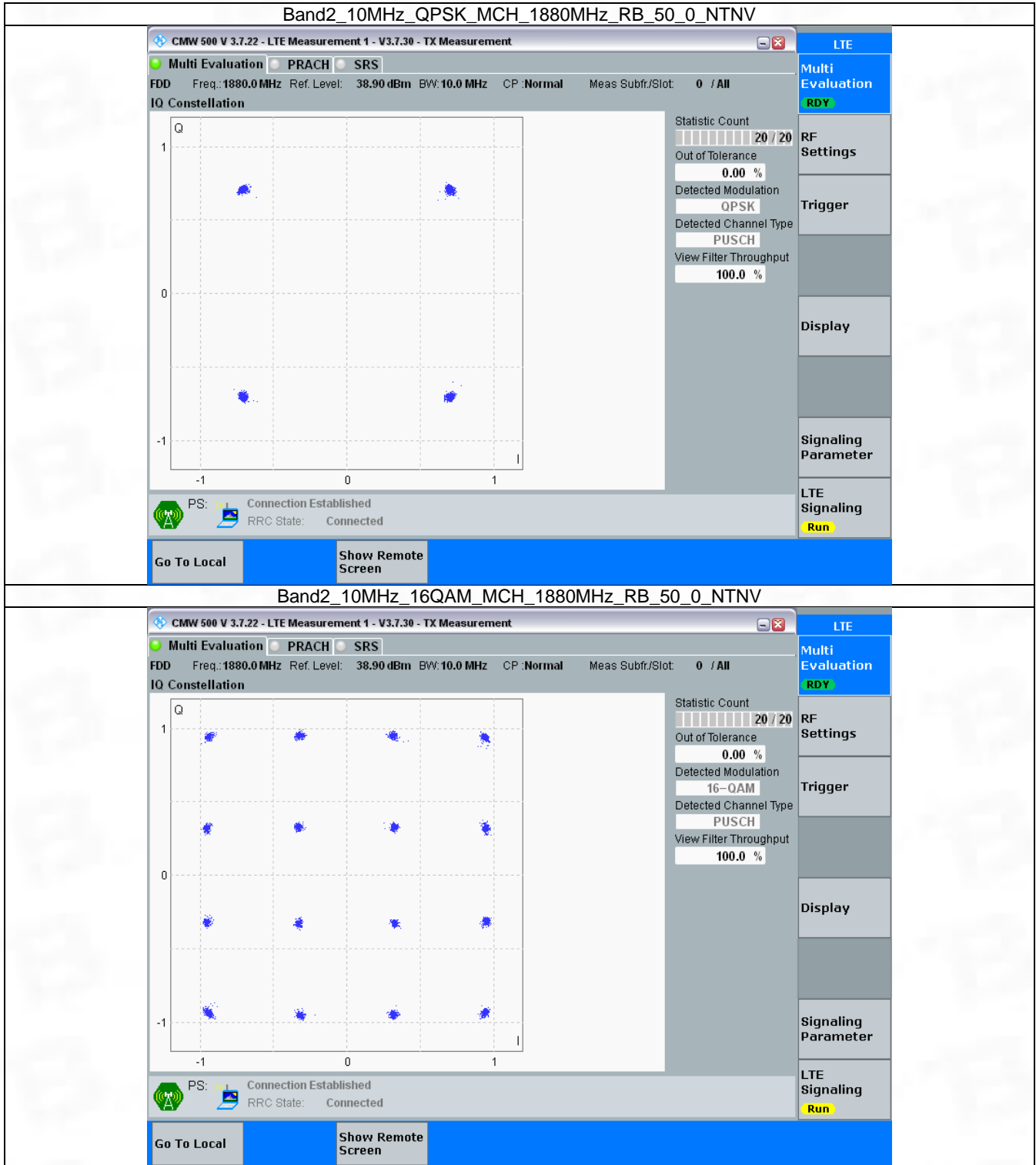


3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

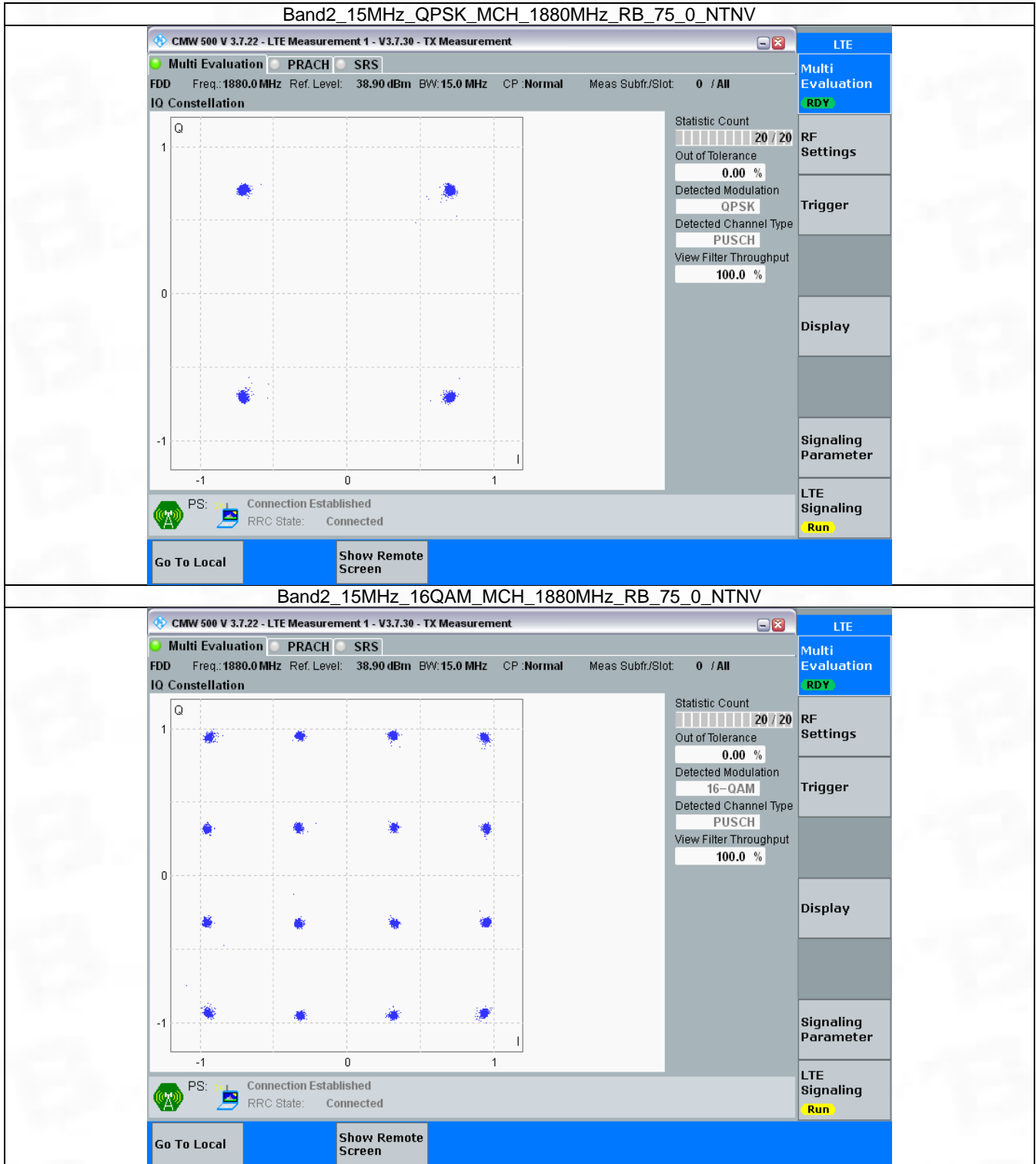


3.5 B2_15MHz

3.5.1 Test Result

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

3.5.2 Test Graph

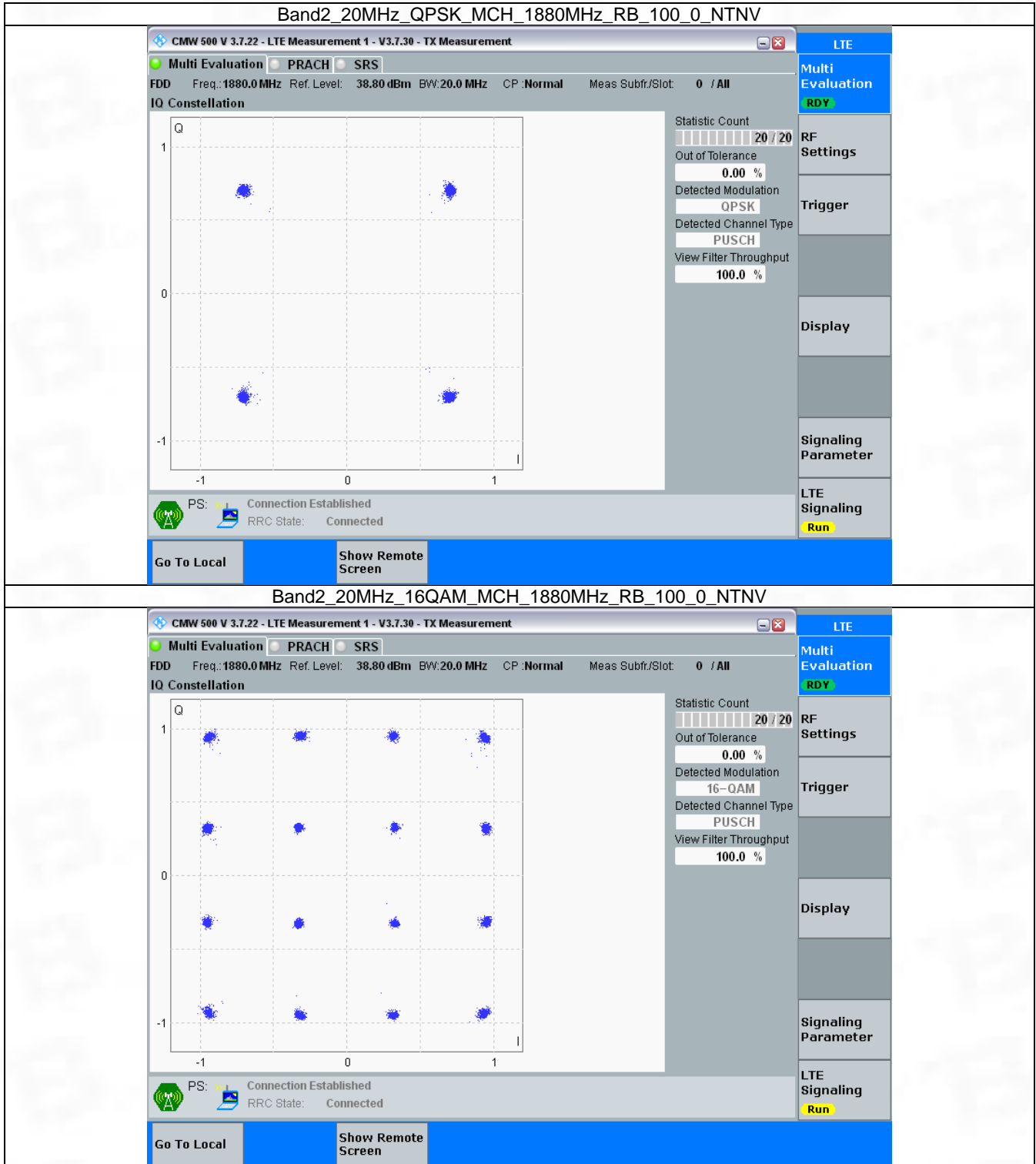


3.6 B2_20MHz

3.6.1 Test Result

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

3.6.2 Test Graph



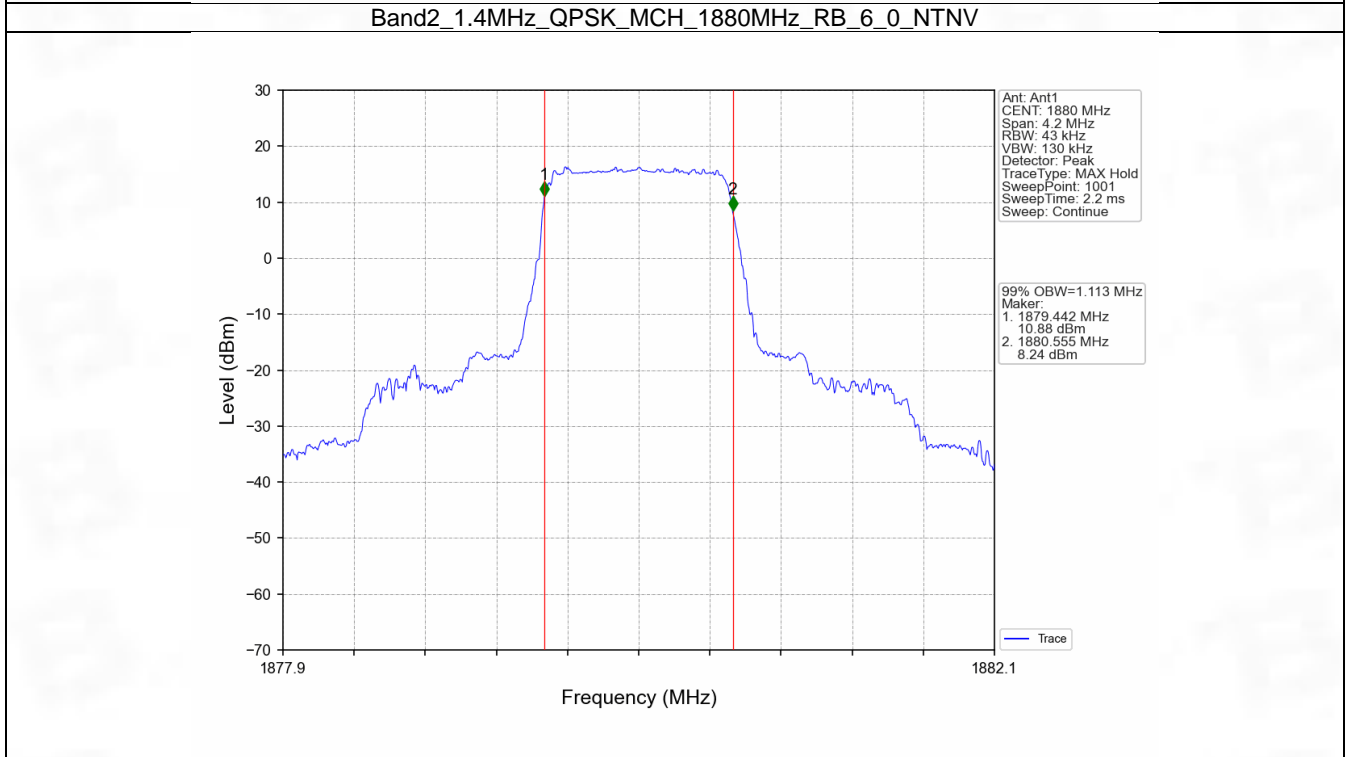
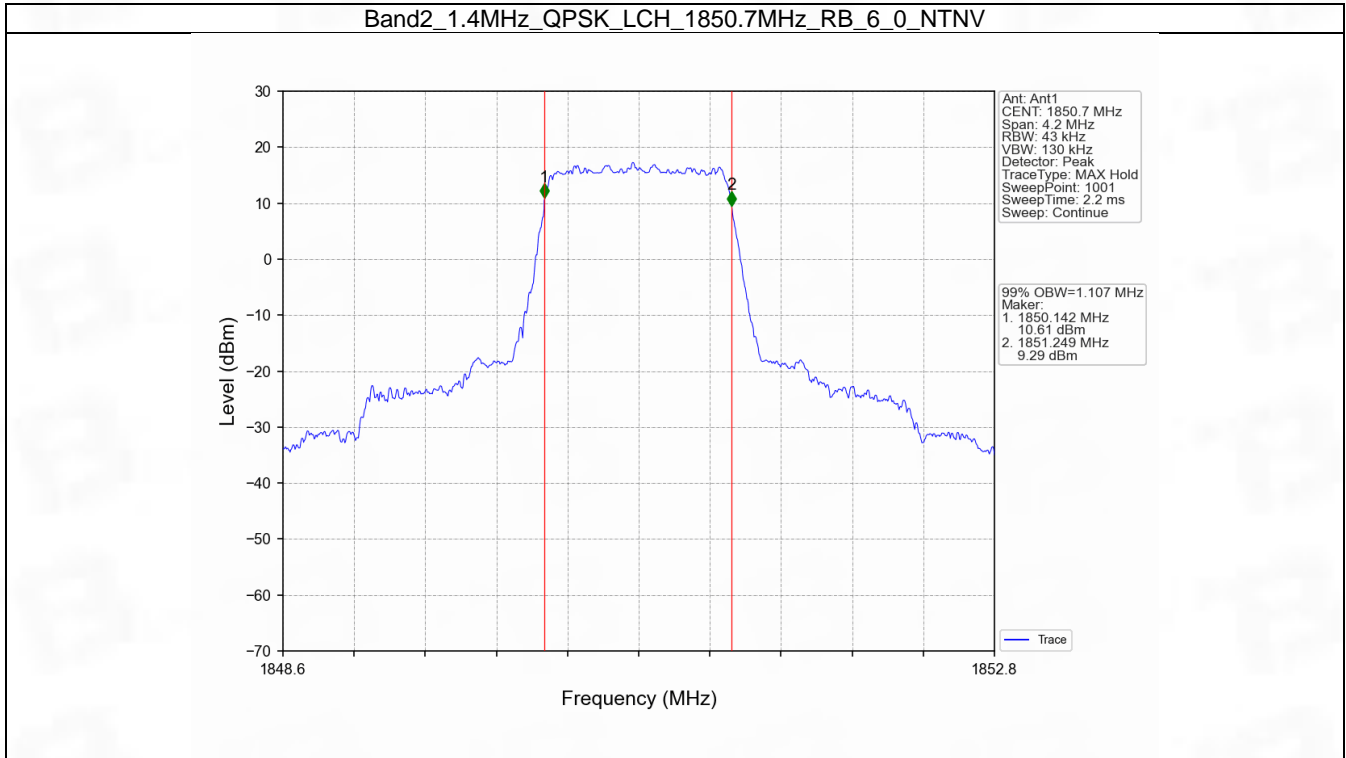
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

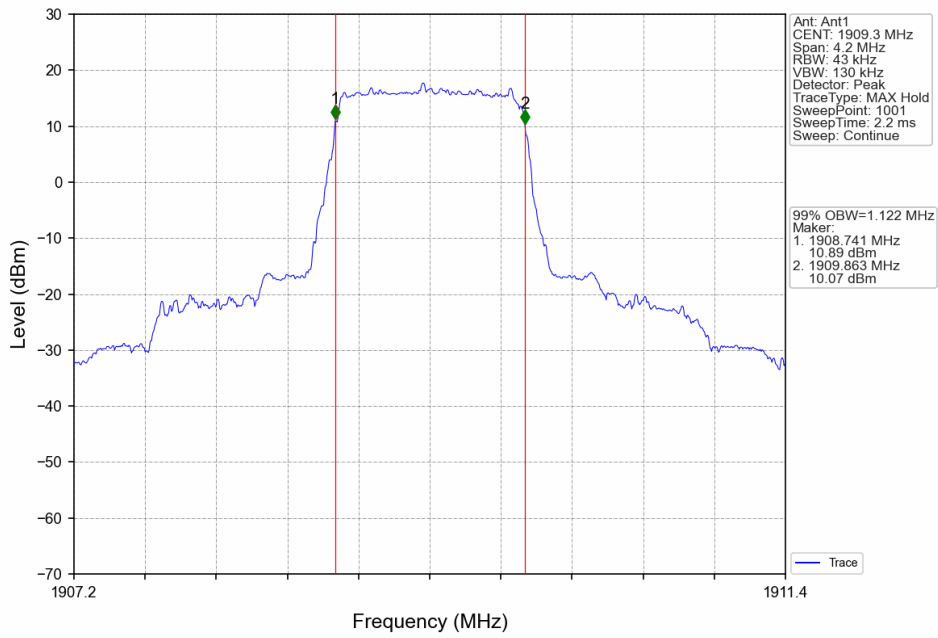
4.1.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.107	Pass
		1880	6	0	1.113	Pass
		1909.3	6	0	1.122	Pass
	16QAM	1850.7	6	0	1.102	Pass
		1880	6	0	1.112	Pass
		1909.3	6	0	1.112	Pass
3	QPSK	1851.5	15	0	2.732	Pass
		1880	15	0	2.724	Pass
		1908.5	15	0	2.735	Pass
	16QAM	1851.5	15	0	2.730	Pass
		1880	15	0	2.724	Pass
		1908.5	15	0	2.727	Pass
5	QPSK	1852.5	25	0	4.563	Pass
		1880	25	0	4.567	Pass
		1907.5	25	0	4.591	Pass
	16QAM	1852.5	25	0	4.595	Pass
		1880	25	0	4.582	Pass
		1907.5	25	0	4.571	Pass
10	QPSK	1855	50	0	9.116	Pass
		1880	50	0	9.081	Pass
		1905	50	0	9.106	Pass
	16QAM	1855	50	0	9.115	Pass
		1880	50	0	9.089	Pass
		1905	50	0	9.089	Pass
15	QPSK	1857.5	75	0	13.685	Pass
		1880	75	0	13.600	Pass
		1902.5	75	0	13.625	Pass
	16QAM	1857.5	75	0	13.684	Pass
		1880	75	0	13.659	Pass
		1902.5	75	0	13.622	Pass
20	QPSK	1860	100	0	18.316	Pass
		1880	100	0	18.225	Pass
		1900	100	0	18.163	Pass
	16QAM	1860	100	0	18.272	Pass
		1880	100	0	18.141	Pass
		1900	100	0	18.188	Pass

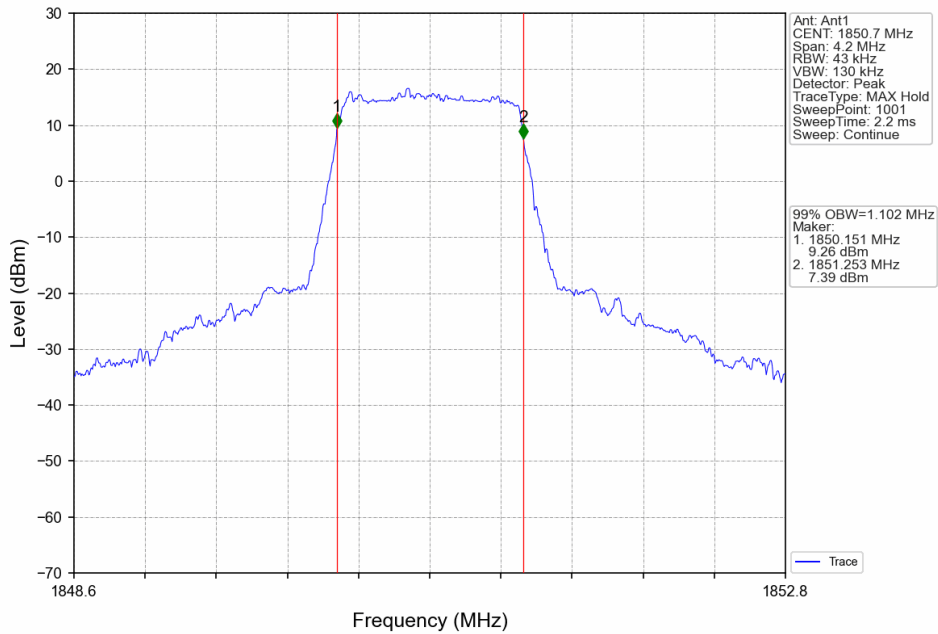
4.1.2 Test Graph



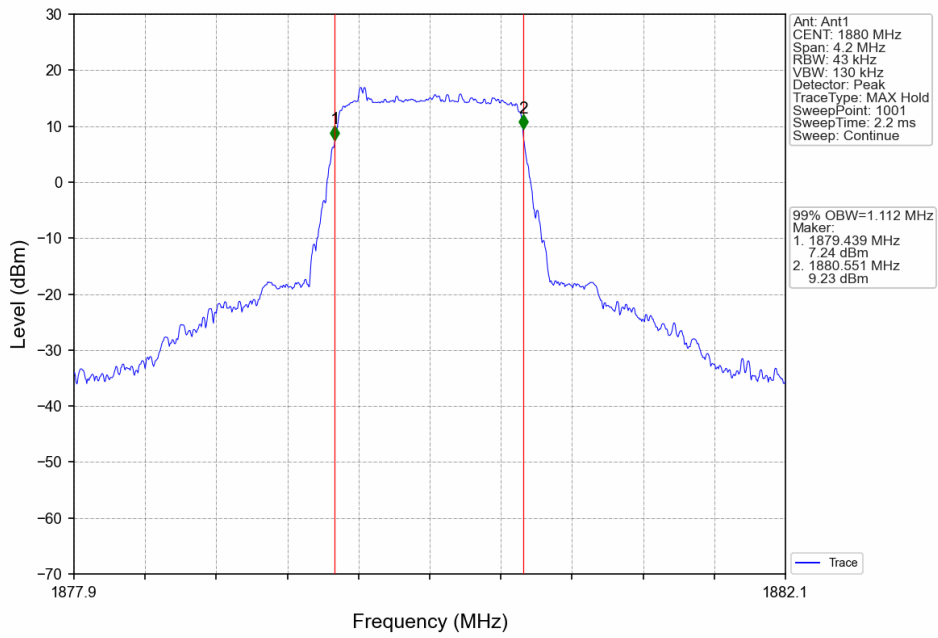
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



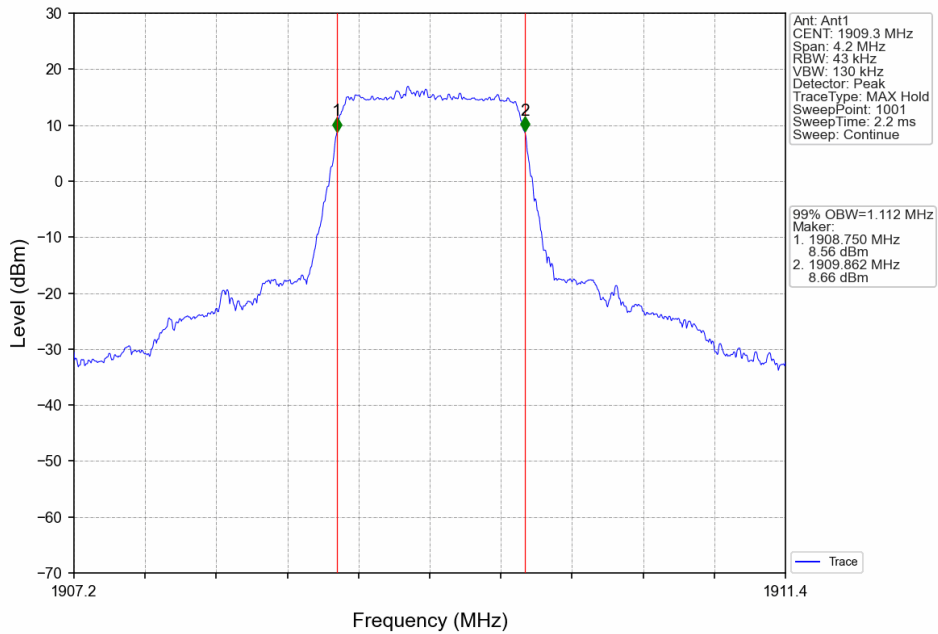
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



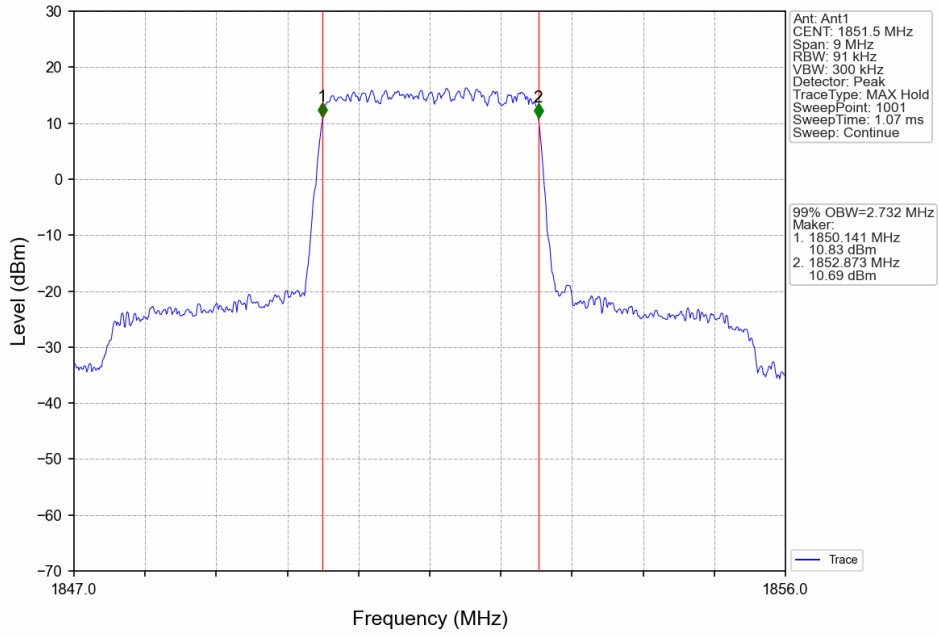
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



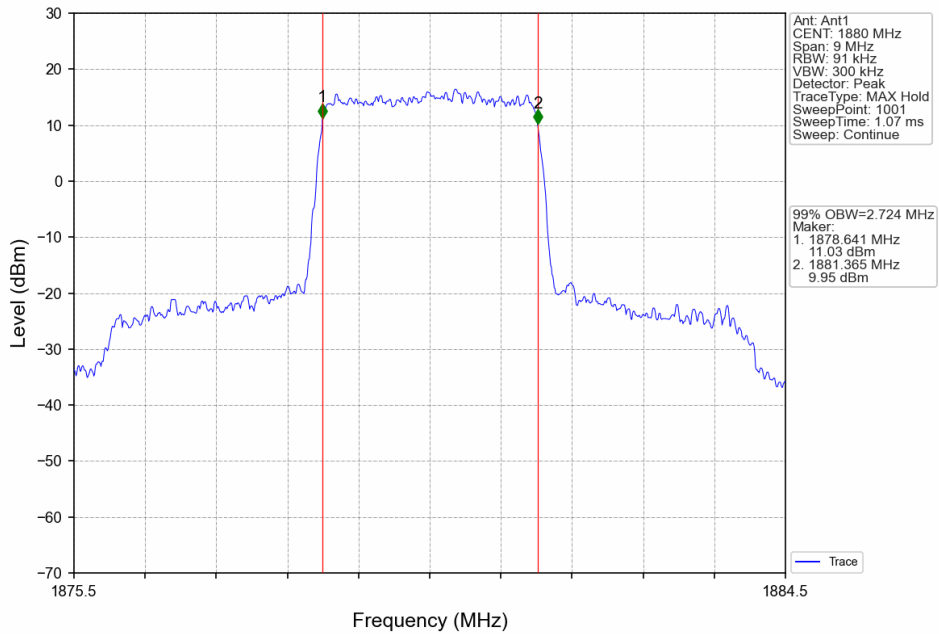
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



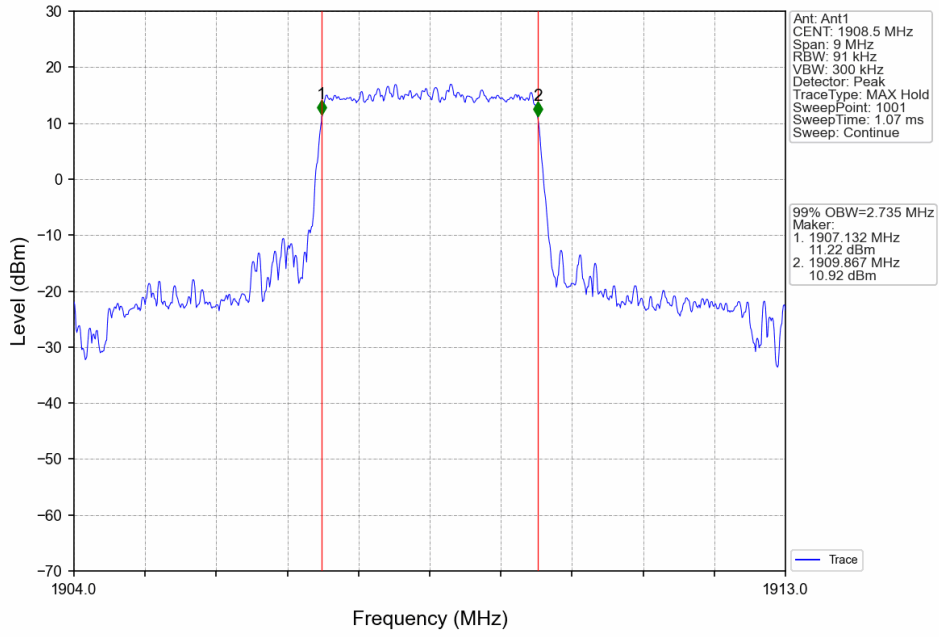
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



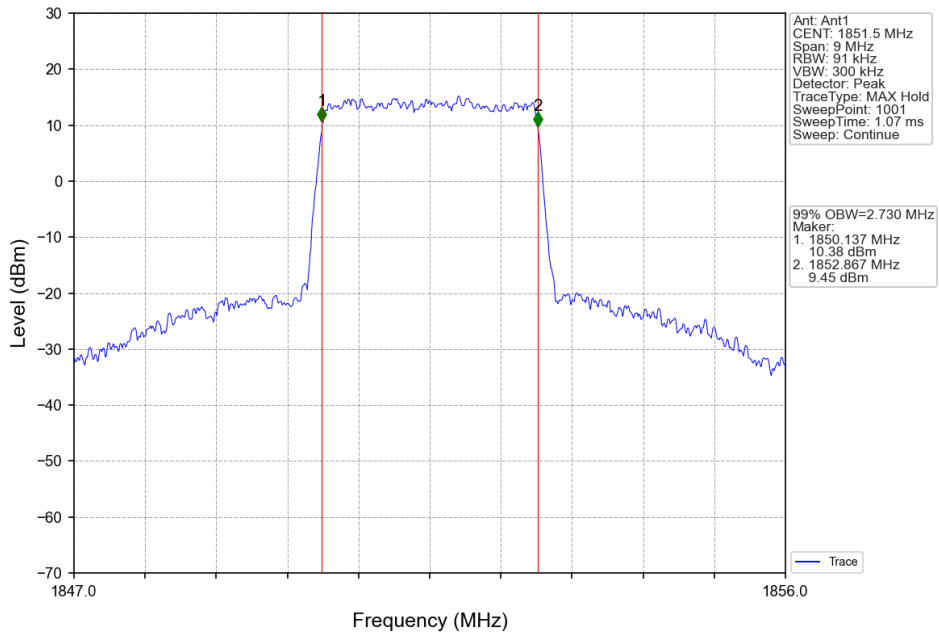
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



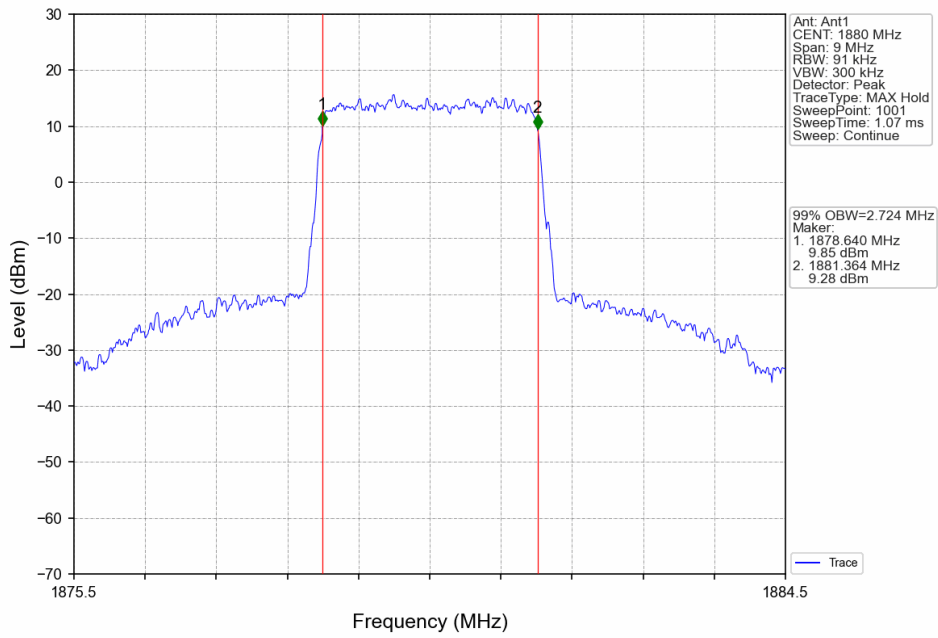
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



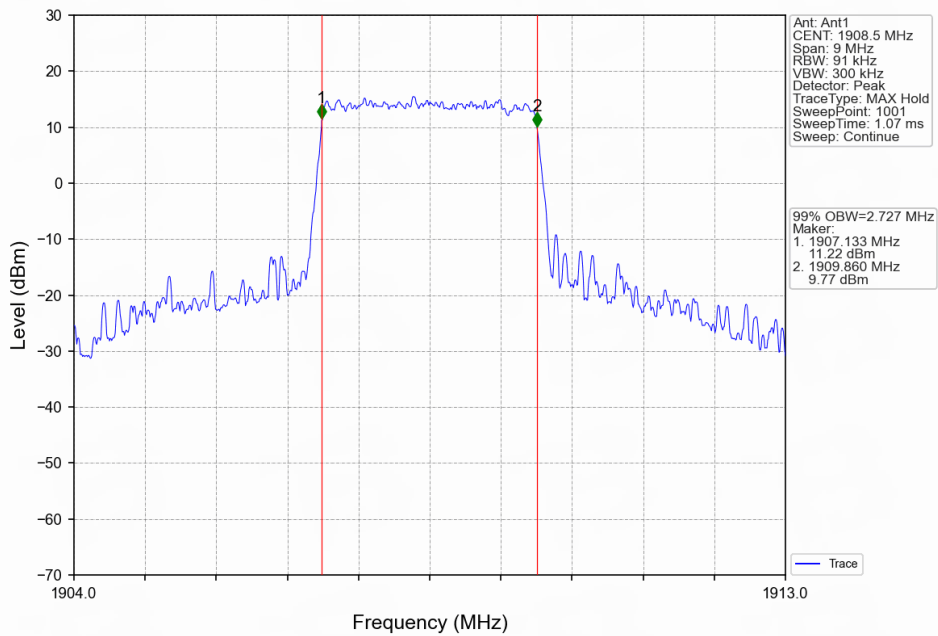
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



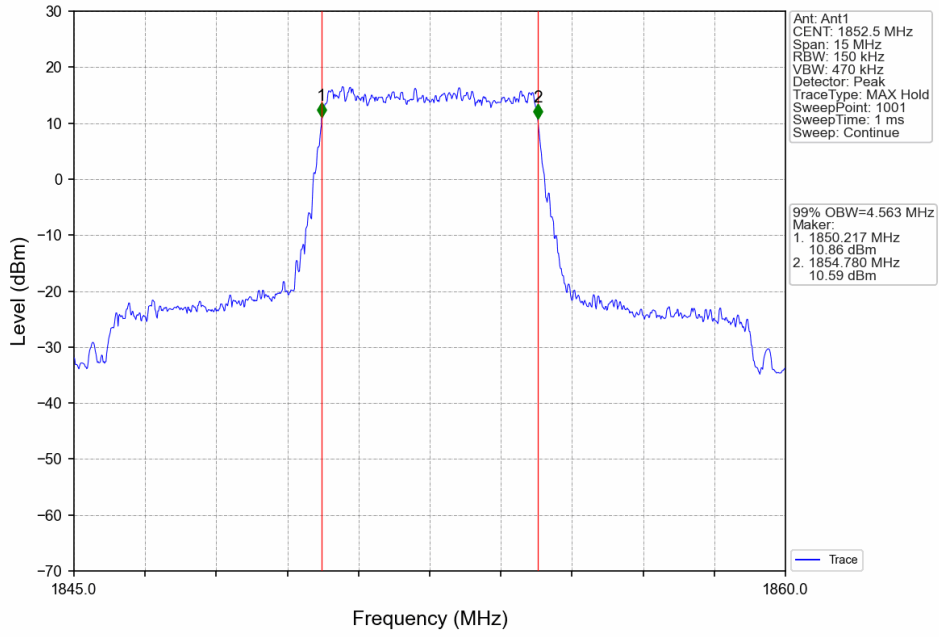
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



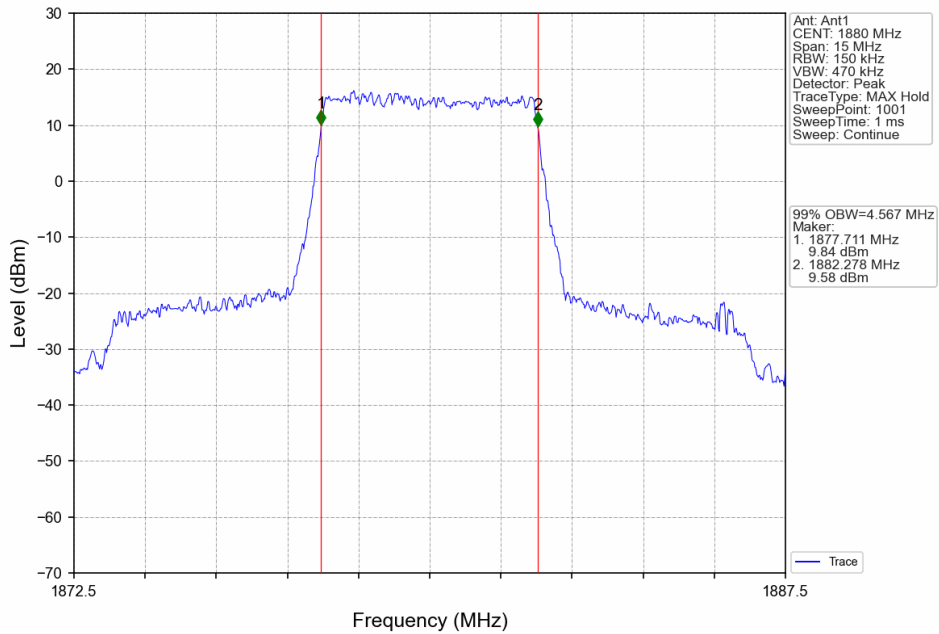
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



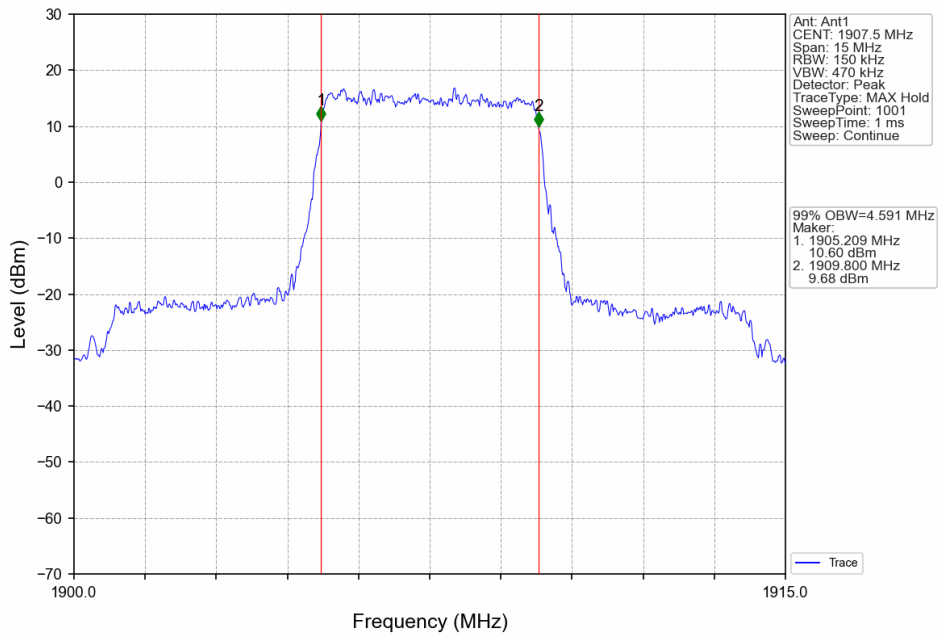
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



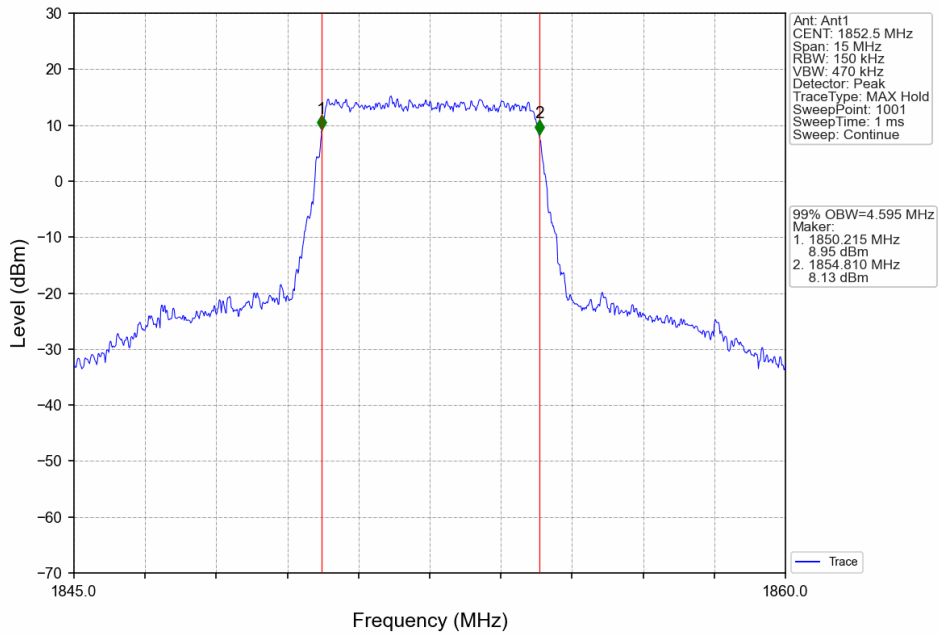
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



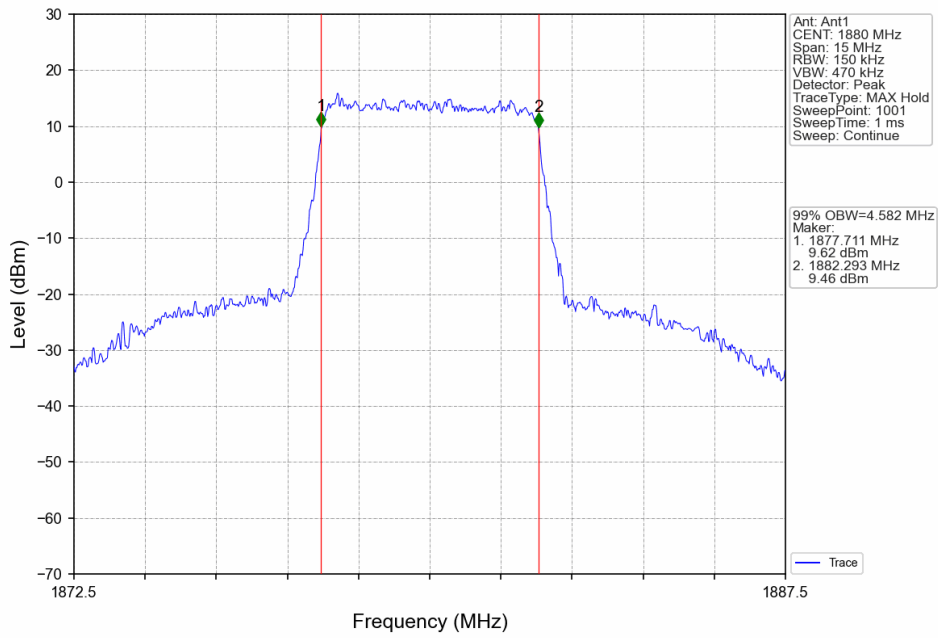
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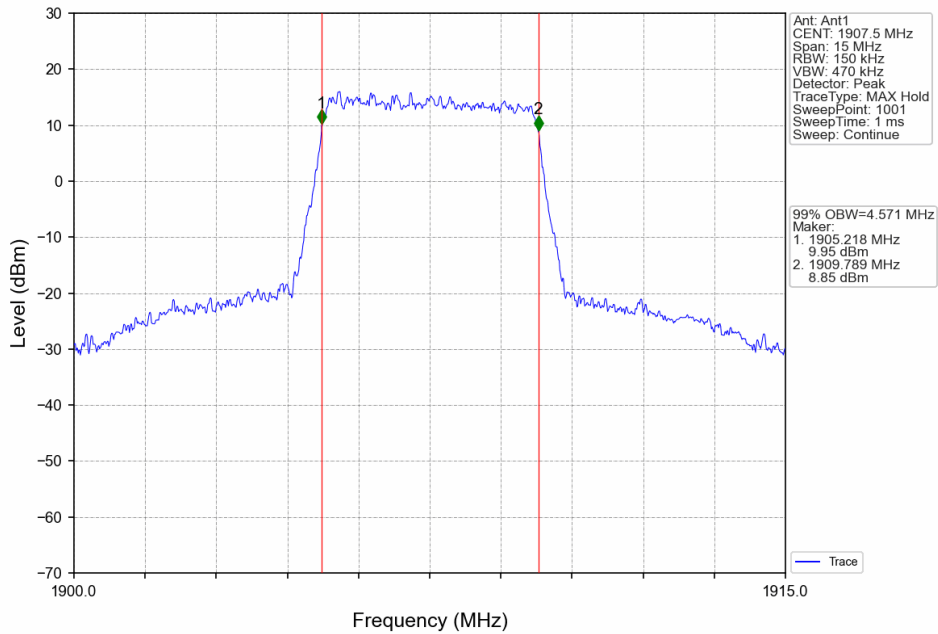
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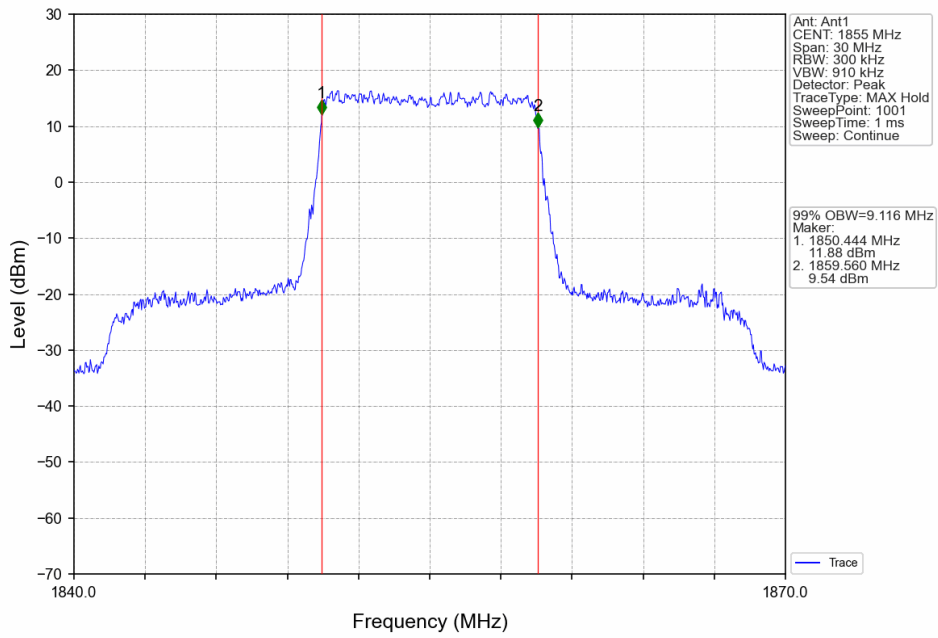
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



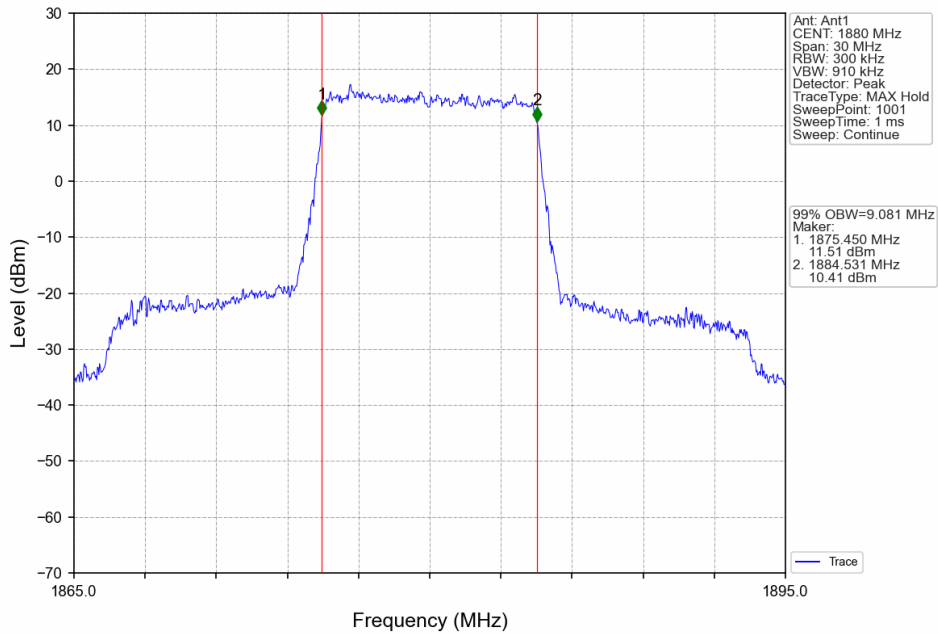
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



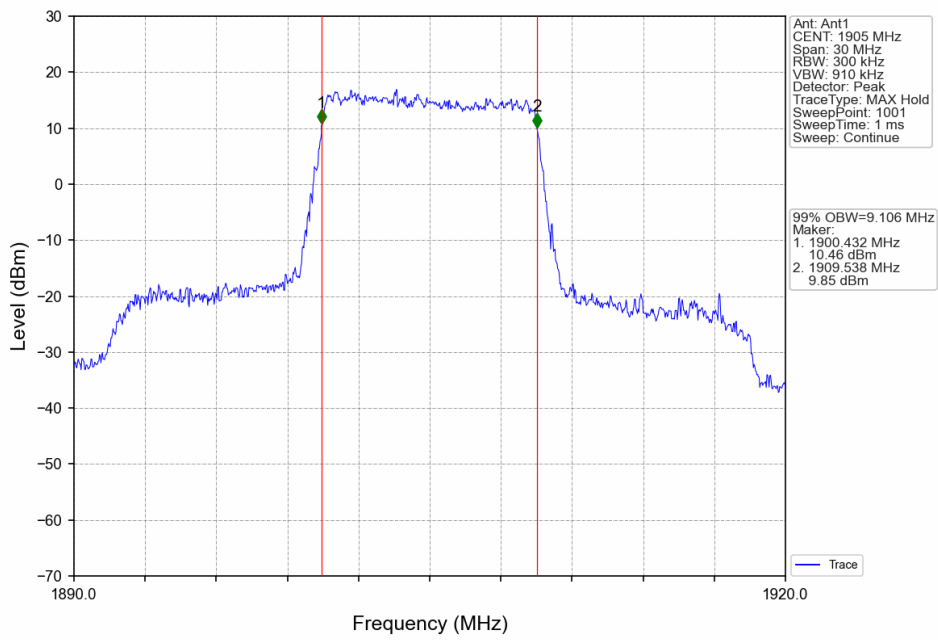
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



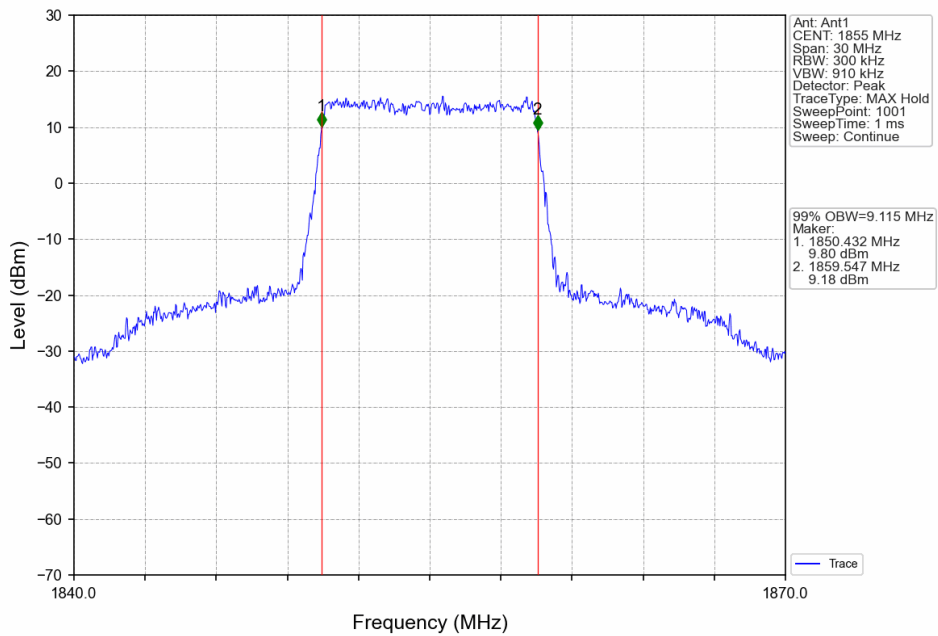
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



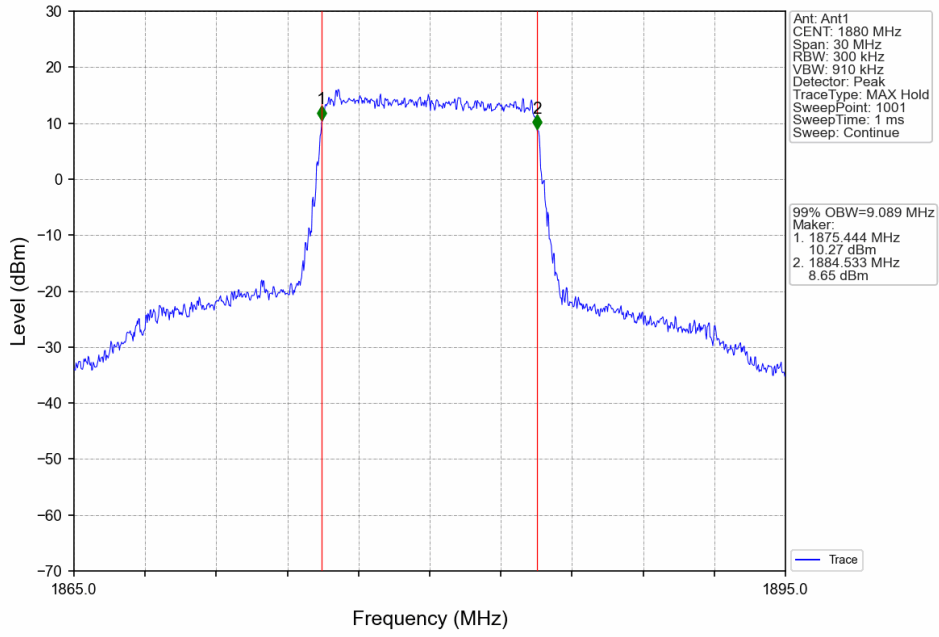
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



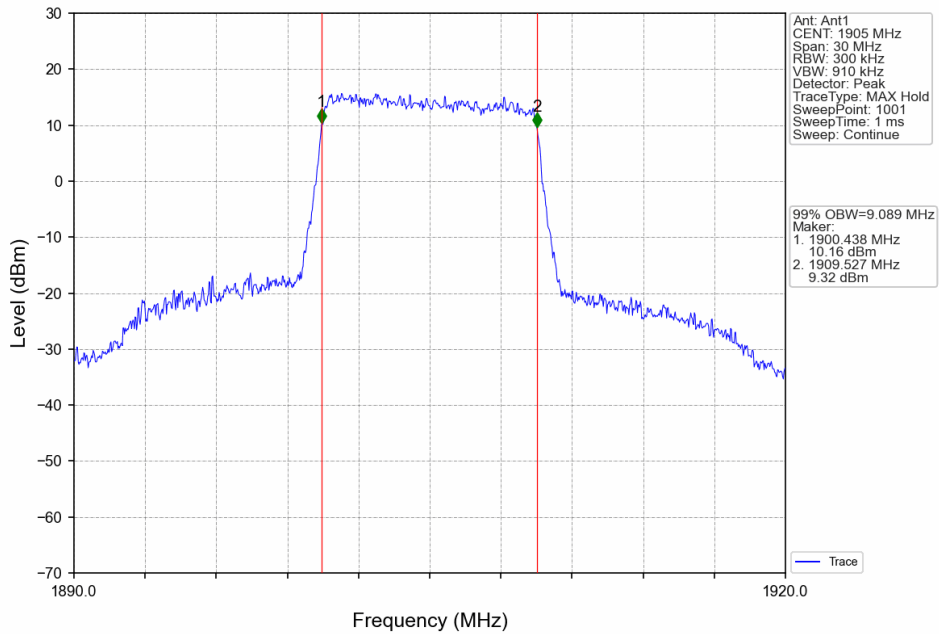
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



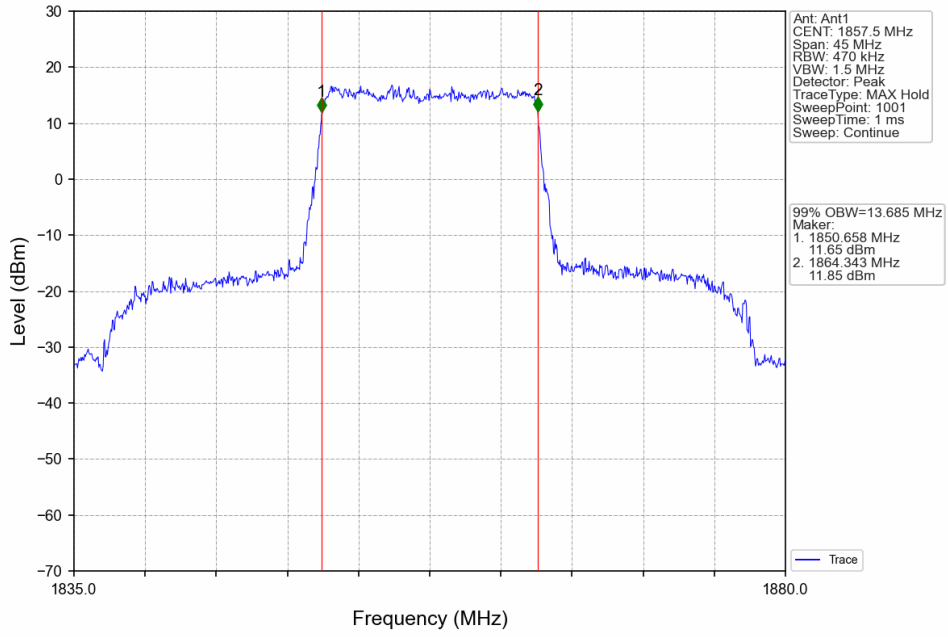
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



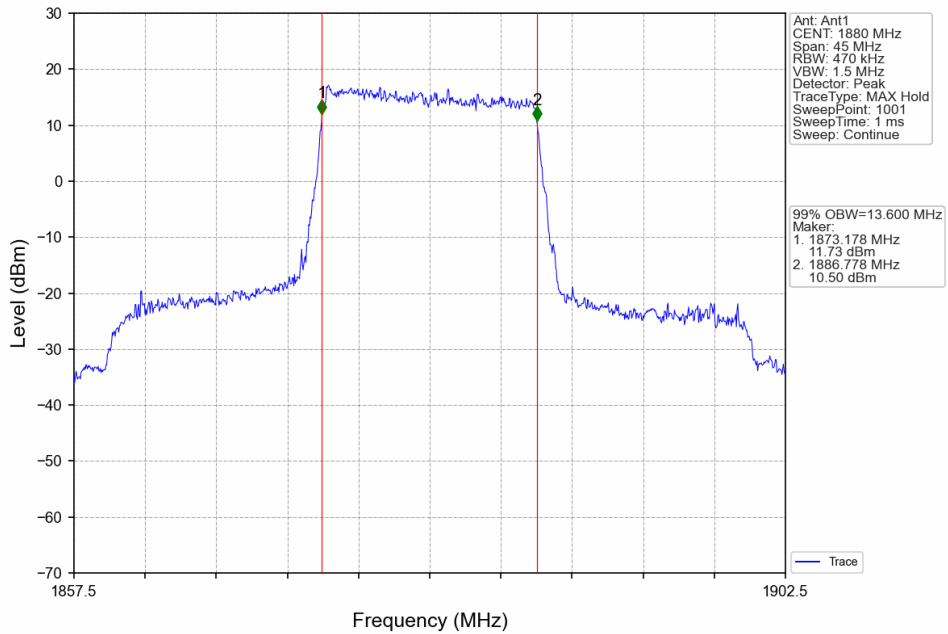
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



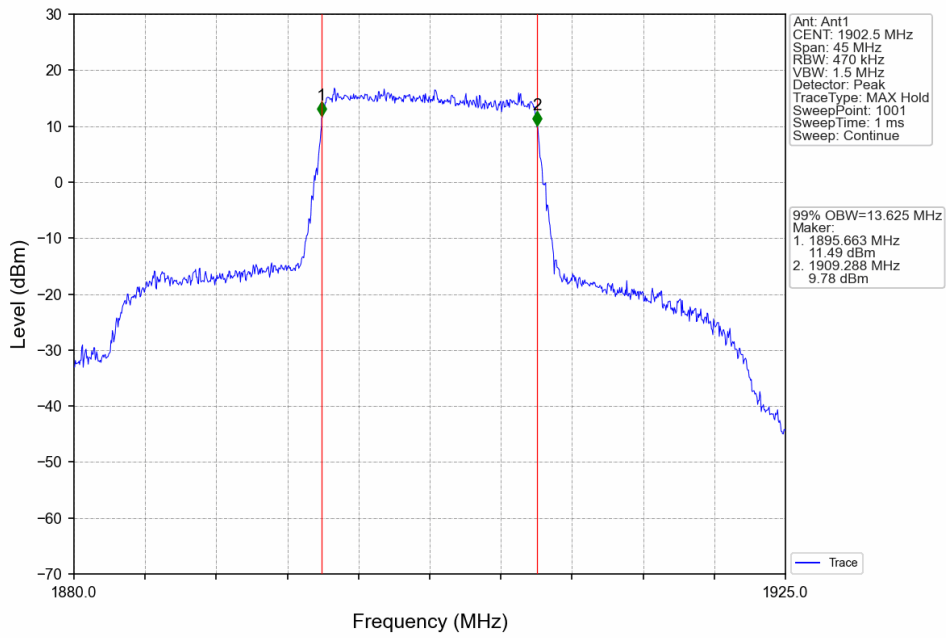
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



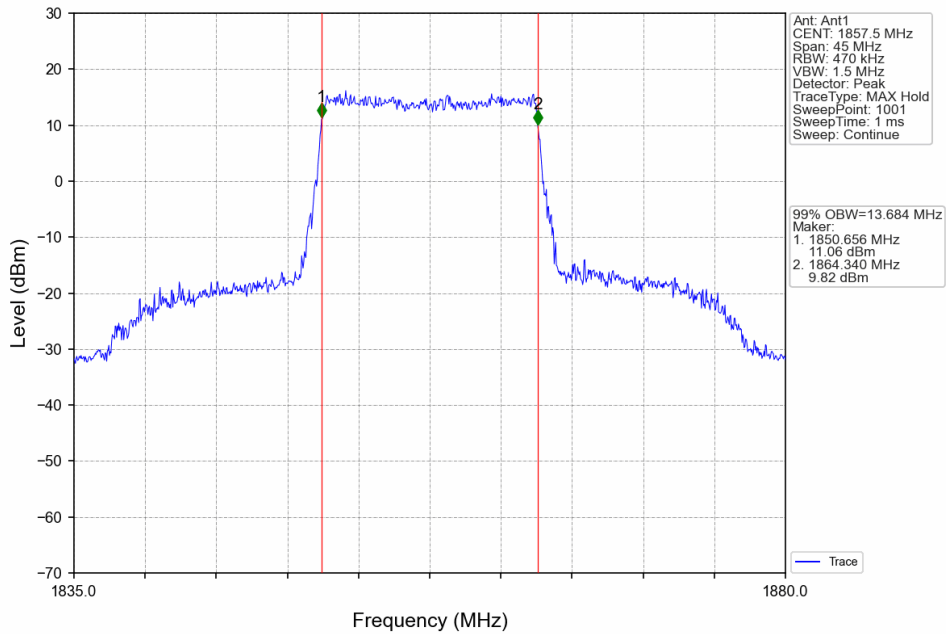
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



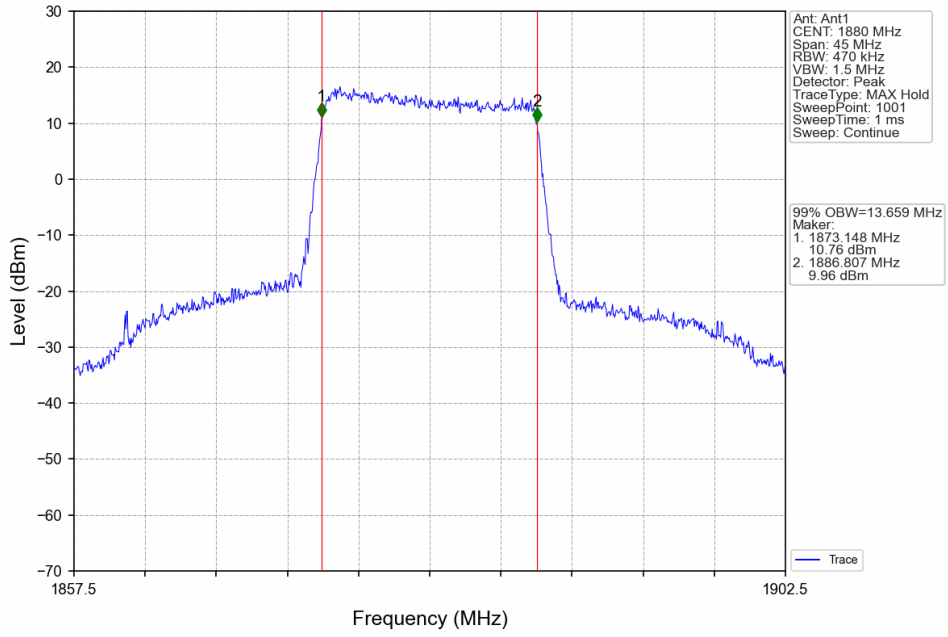
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



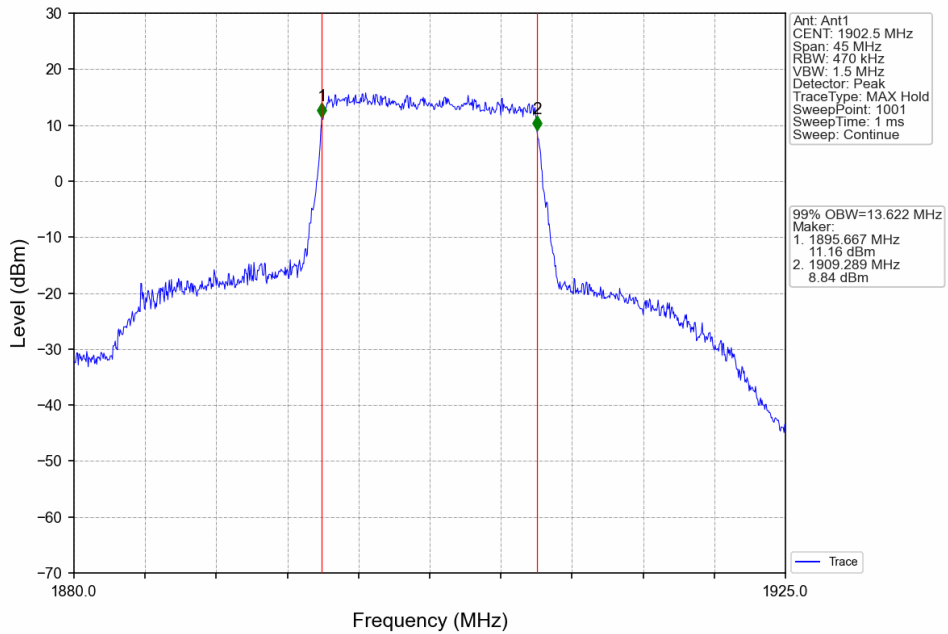
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



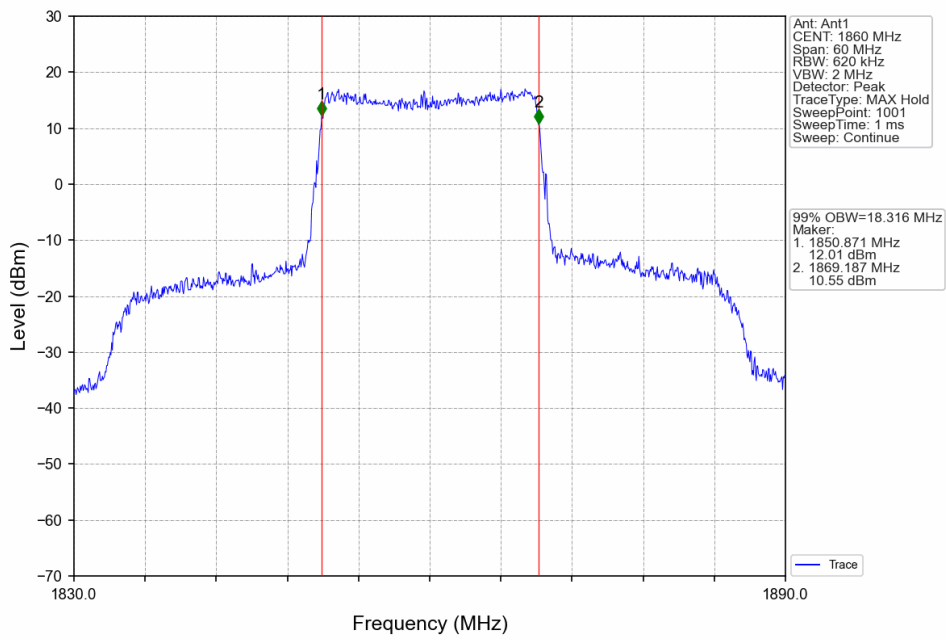
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



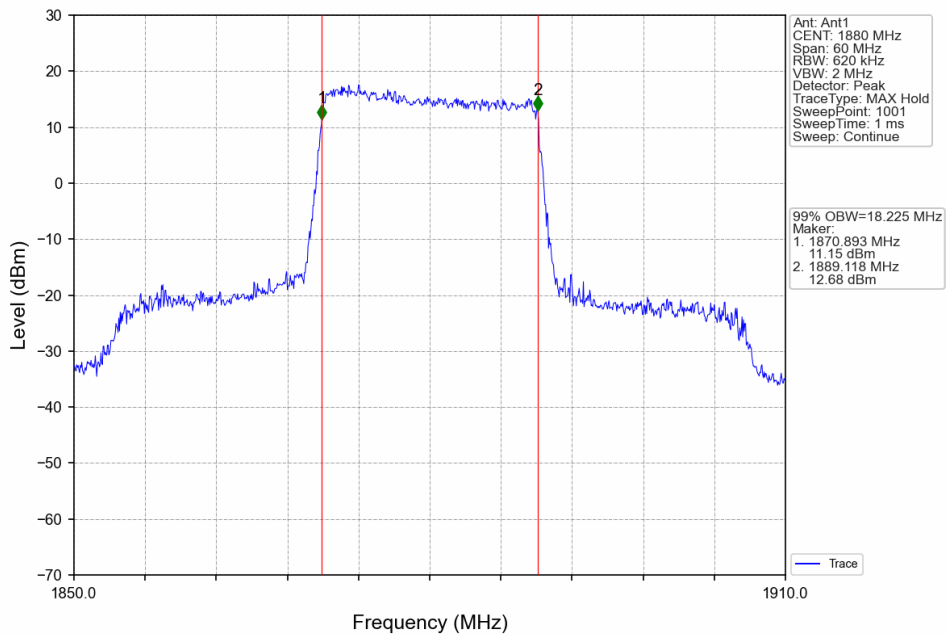
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



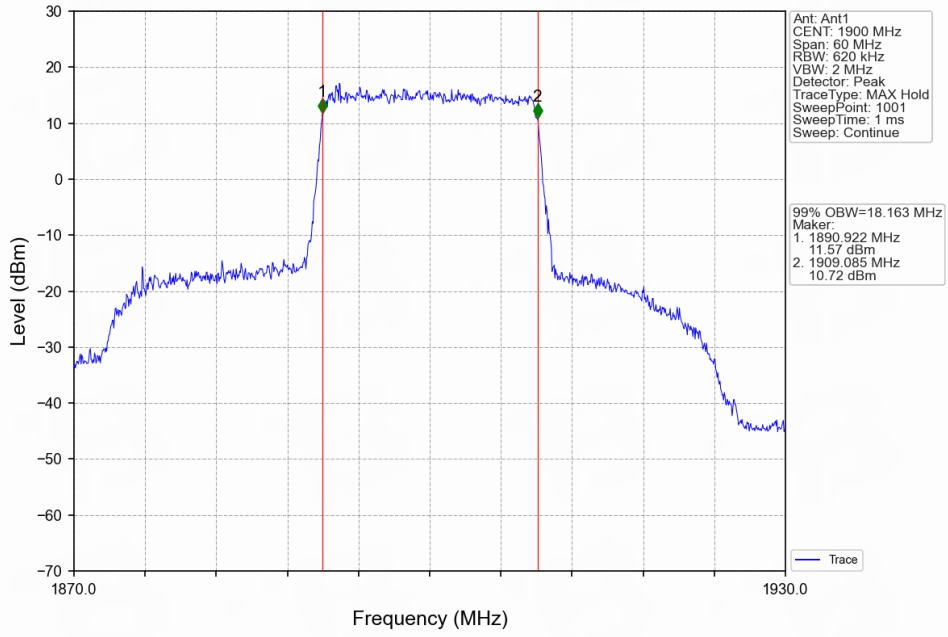
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



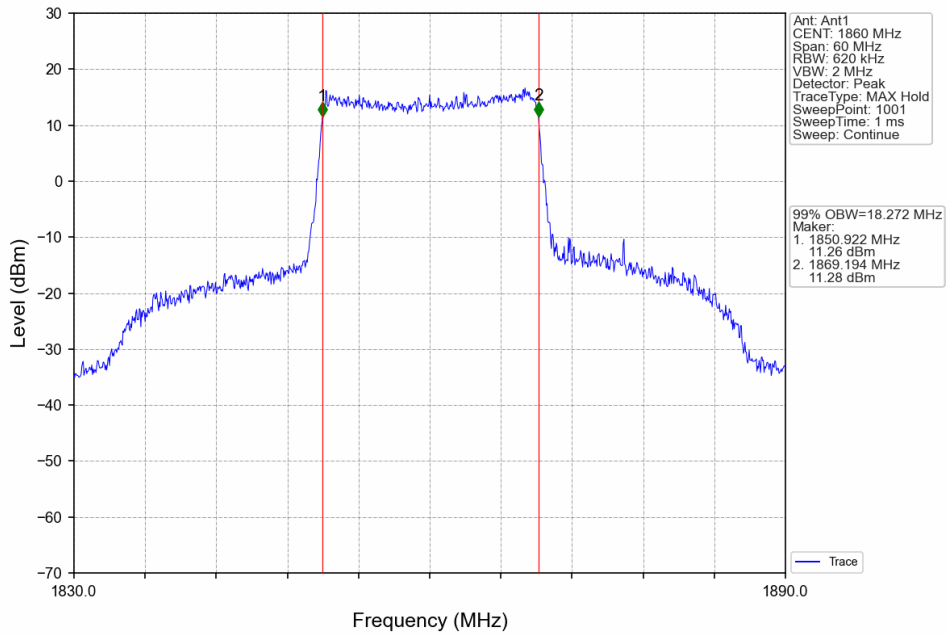
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



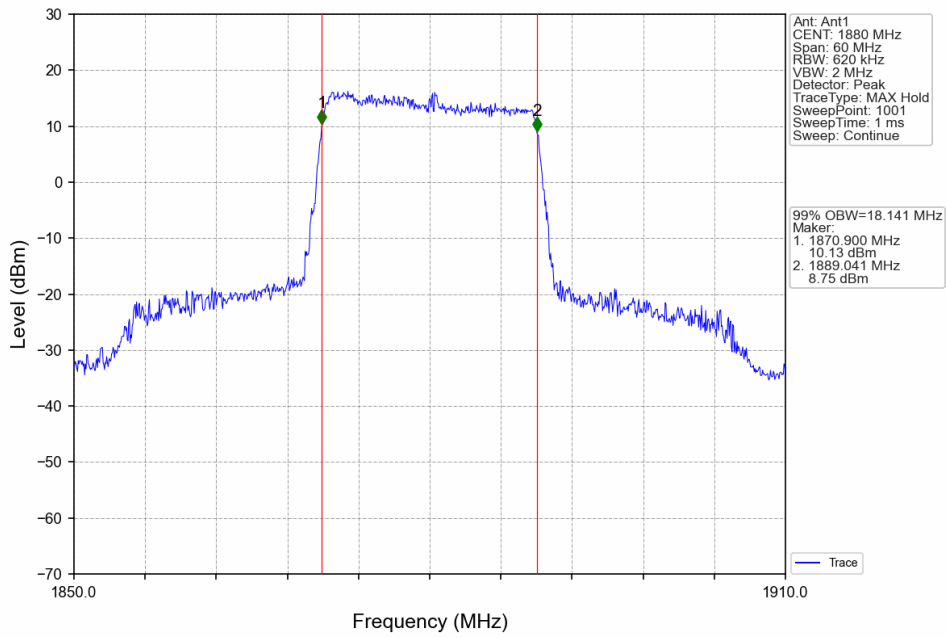
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



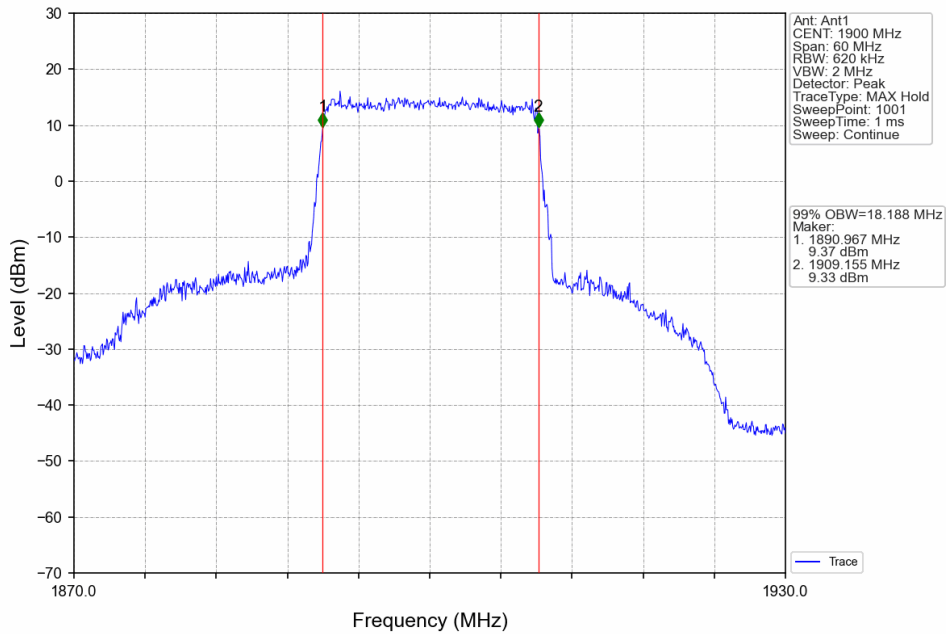
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

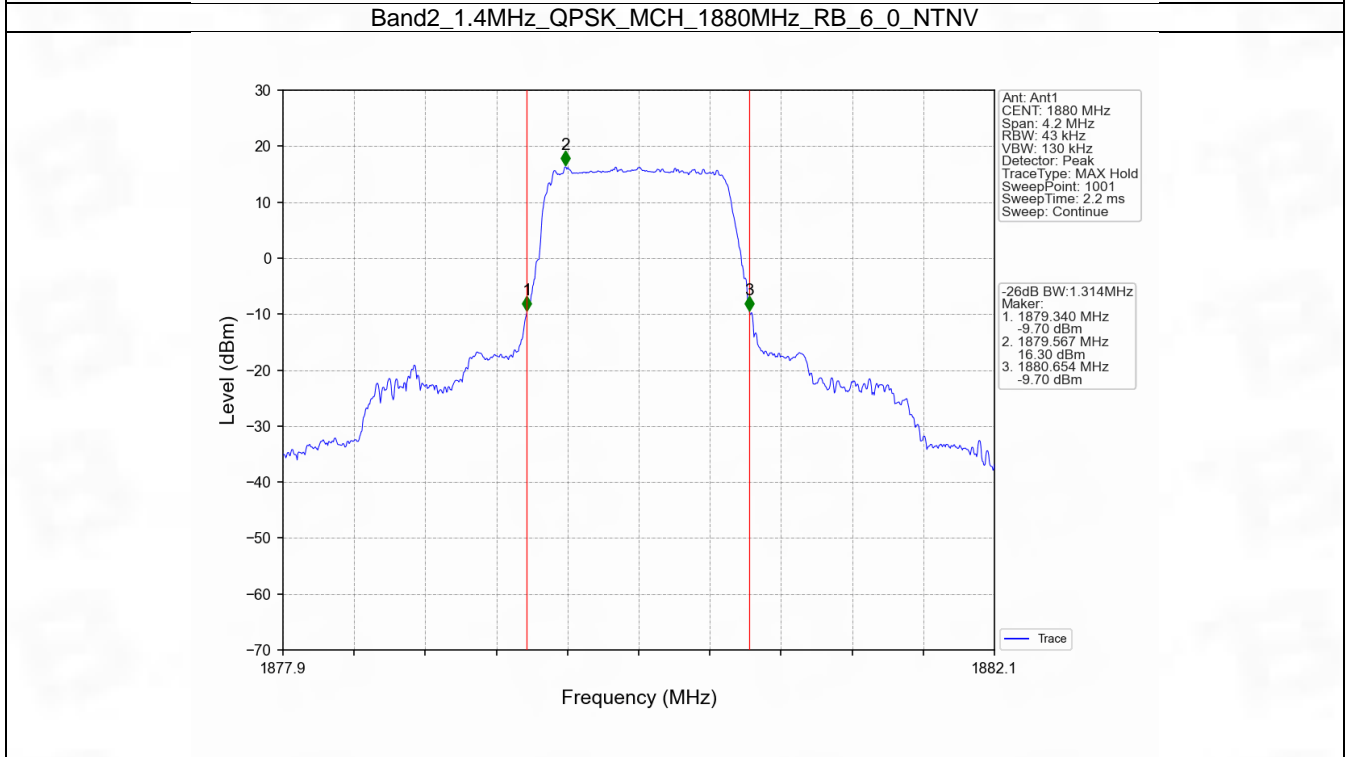
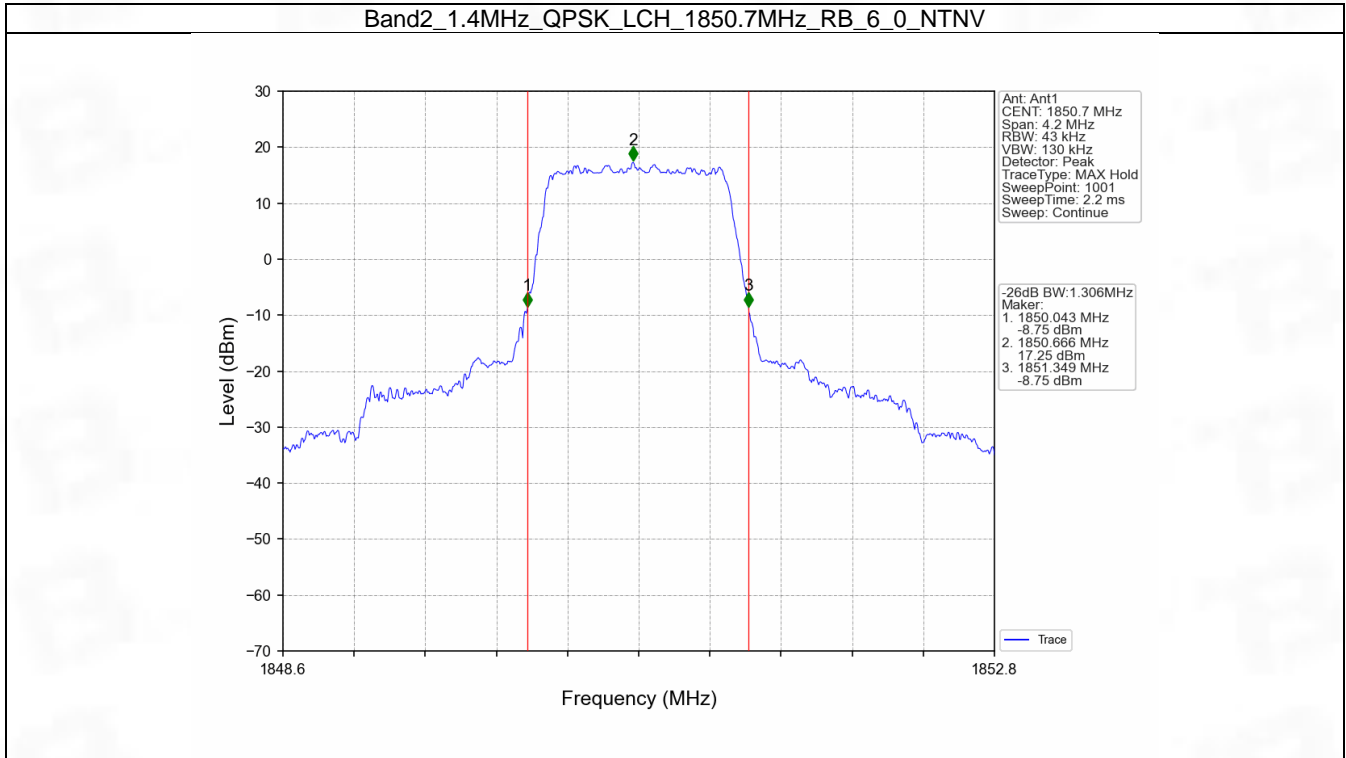


4.2 Band2_XDB

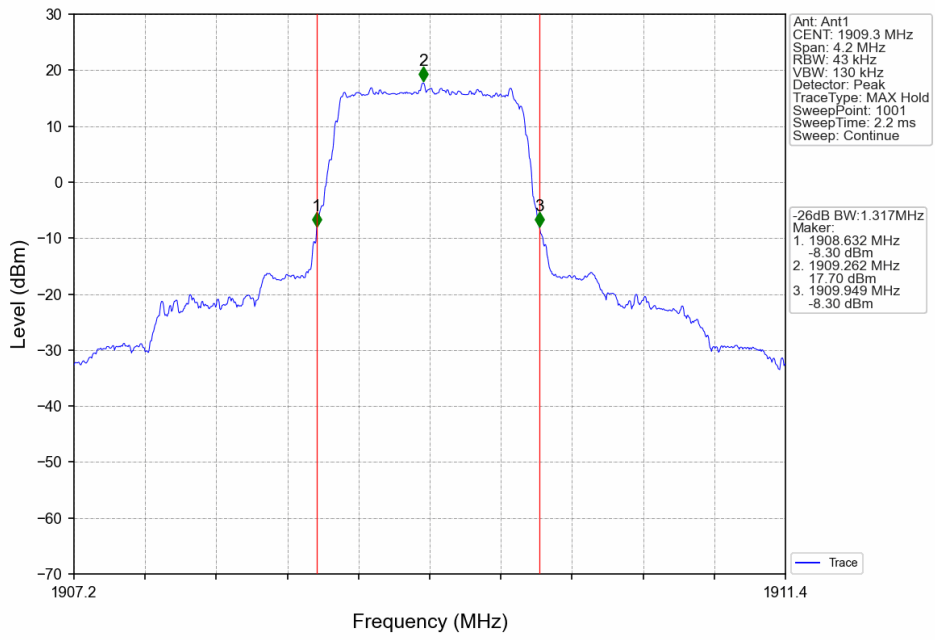
4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.306	Pass
		1880	6	0	1.314	Pass
		1909.3	6	0	1.317	Pass
	16QAM	1850.7	6	0	1.325	Pass
		1880	6	0	1.314	Pass
		1909.3	6	0	1.315	Pass
3	QPSK	1851.5	15	0	2.995	Pass
		1880	15	0	2.995	Pass
		1908.5	15	0	3.001	Pass
	16QAM	1851.5	15	0	3.000	Pass
		1880	15	0	3.022	Pass
		1908.5	15	0	3.124	Pass
5	QPSK	1852.5	25	0	5.236	Pass
		1880	25	0	5.232	Pass
		1907.5	25	0	5.276	Pass
	16QAM	1852.5	25	0	5.343	Pass
		1880	25	0	5.223	Pass
		1907.5	25	0	5.293	Pass
10	QPSK	1855	50	0	10.353	Pass
		1880	50	0	10.170	Pass
		1905	50	0	10.461	Pass
	16QAM	1855	50	0	10.318	Pass
		1880	50	0	10.157	Pass
		1905	50	0	10.294	Pass
15	QPSK	1857.5	75	0	15.437	Pass
		1880	75	0	15.188	Pass
		1902.5	75	0	15.362	Pass
	16QAM	1857.5	75	0	15.607	Pass
		1880	75	0	15.140	Pass
		1902.5	75	0	15.290	Pass
20	QPSK	1860	100	0	20.189	Pass
		1880	100	0	20.023	Pass
		1900	100	0	20.007	Pass
	16QAM	1860	100	0	20.232	Pass
		1880	100	0	20.174	Pass
		1900	100	0	20.171	Pass

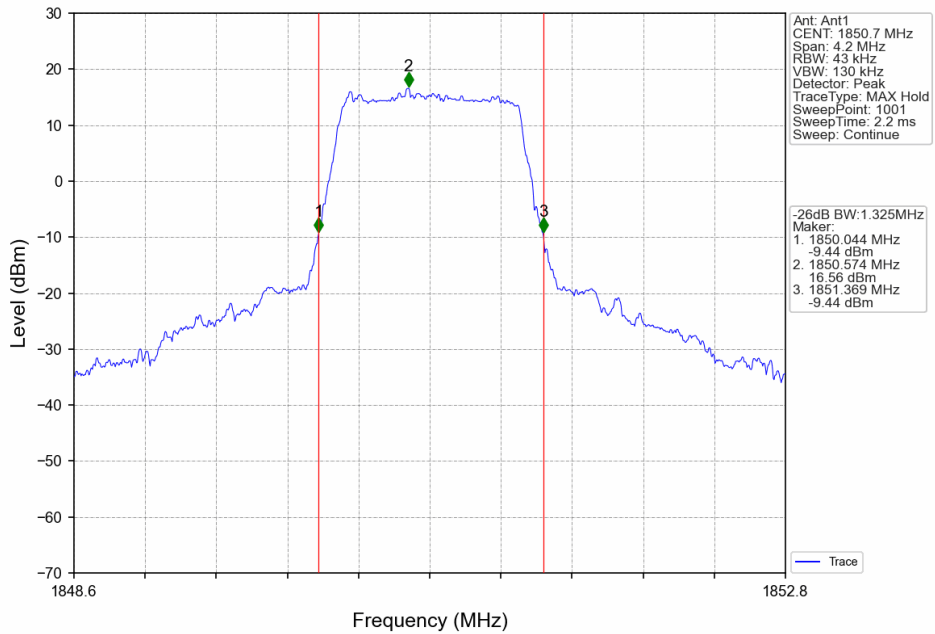
4.2.2 Test Graph



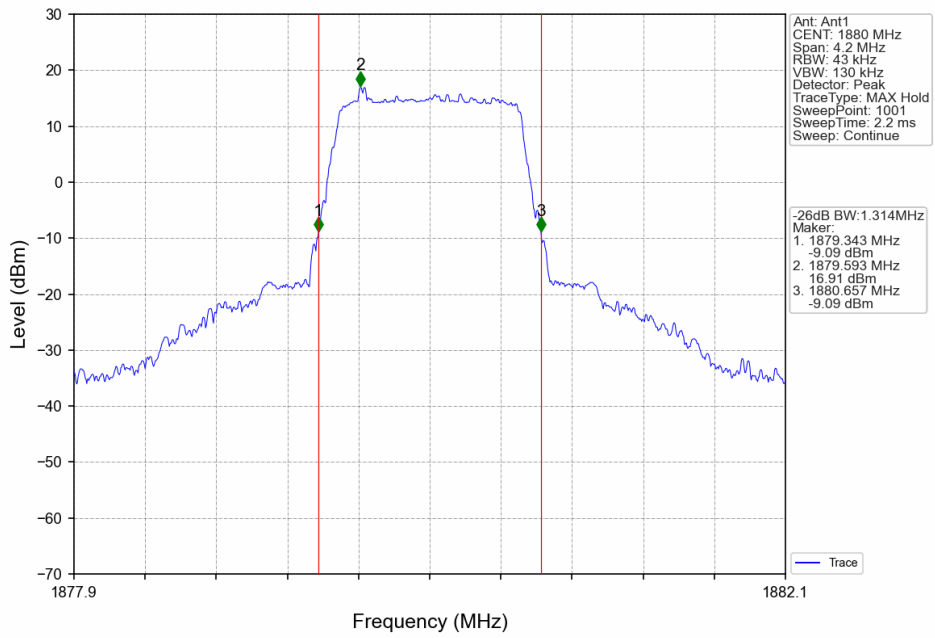
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



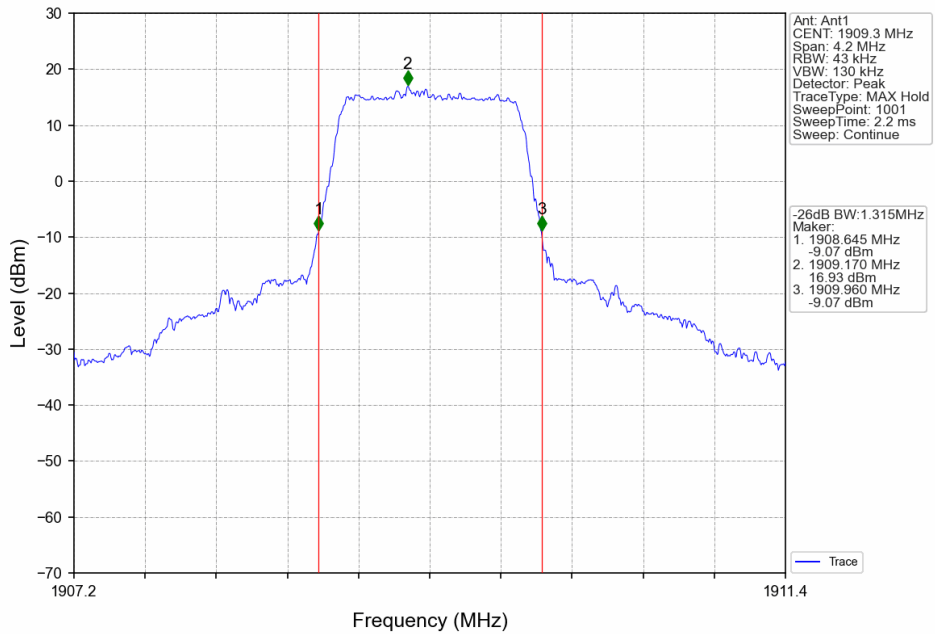
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



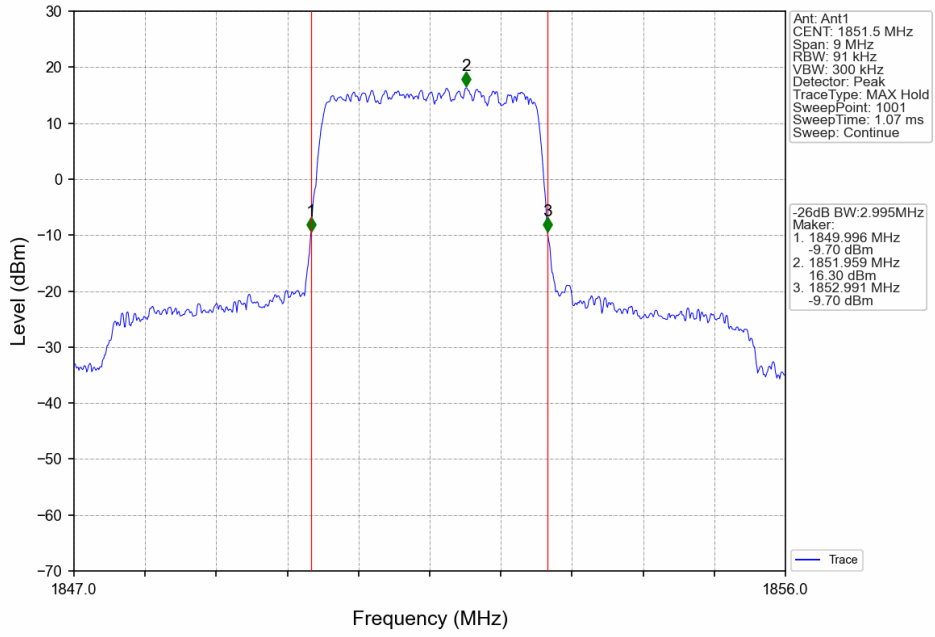
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



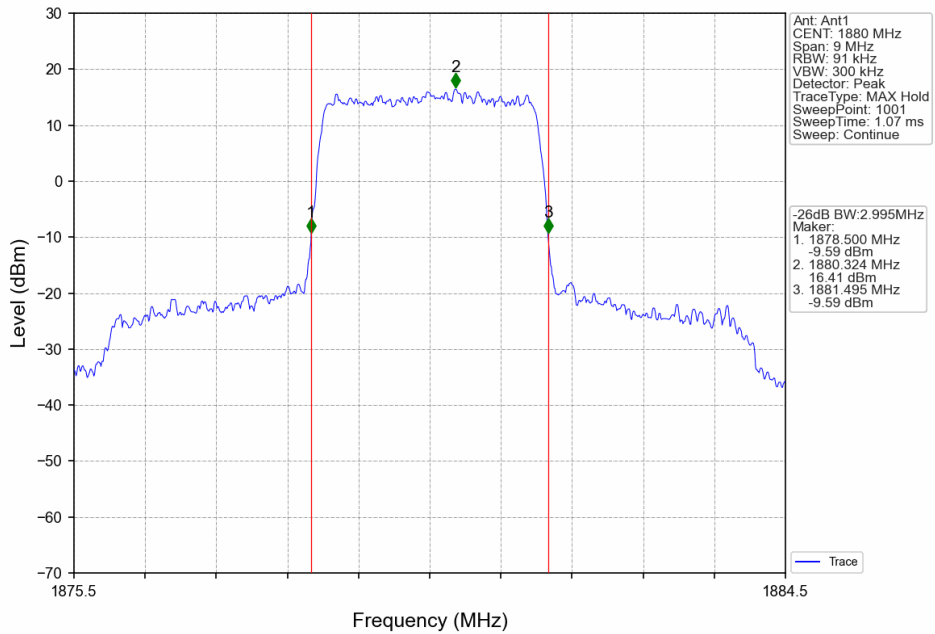
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



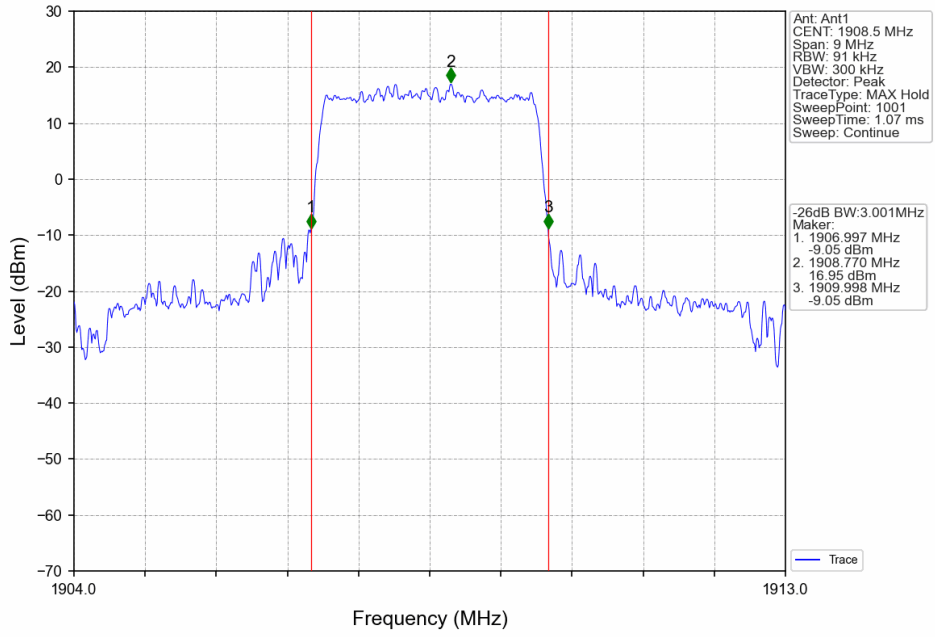
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



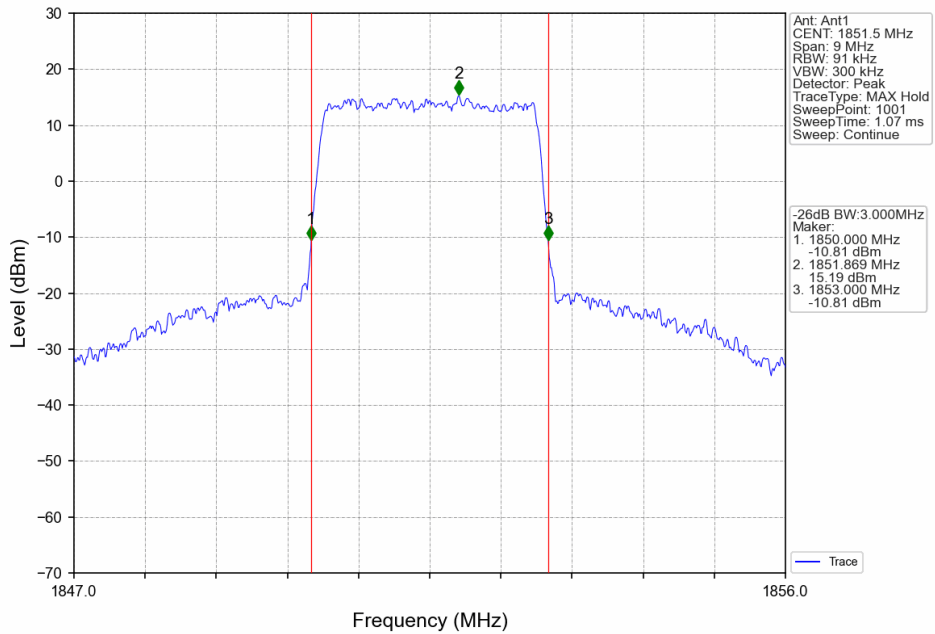
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



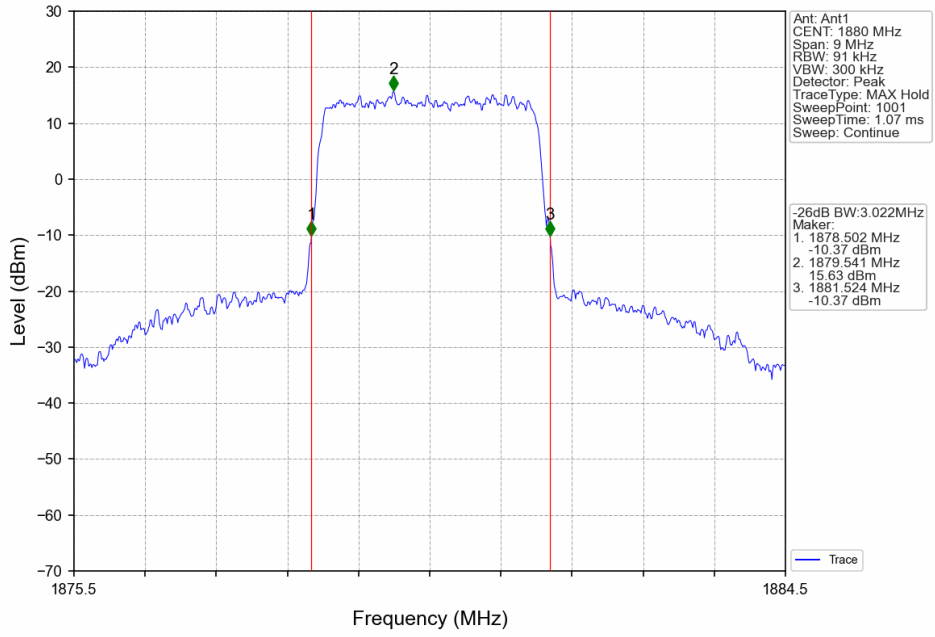
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



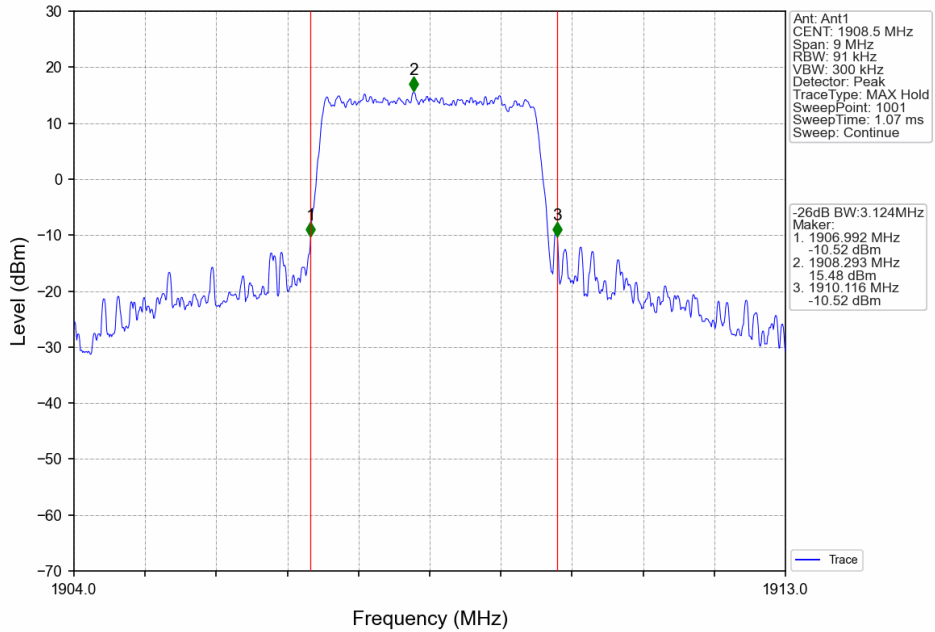
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



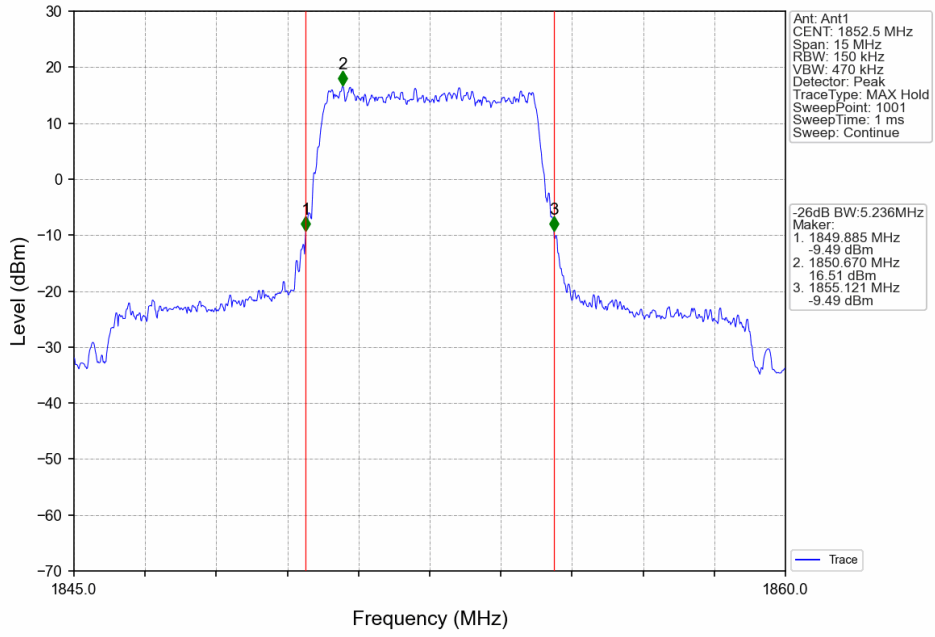
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



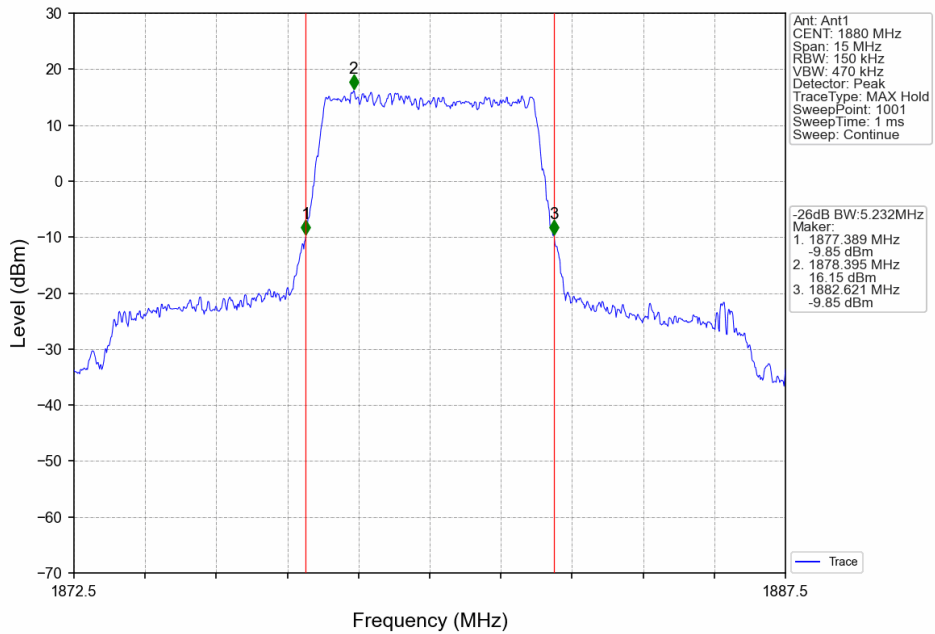
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



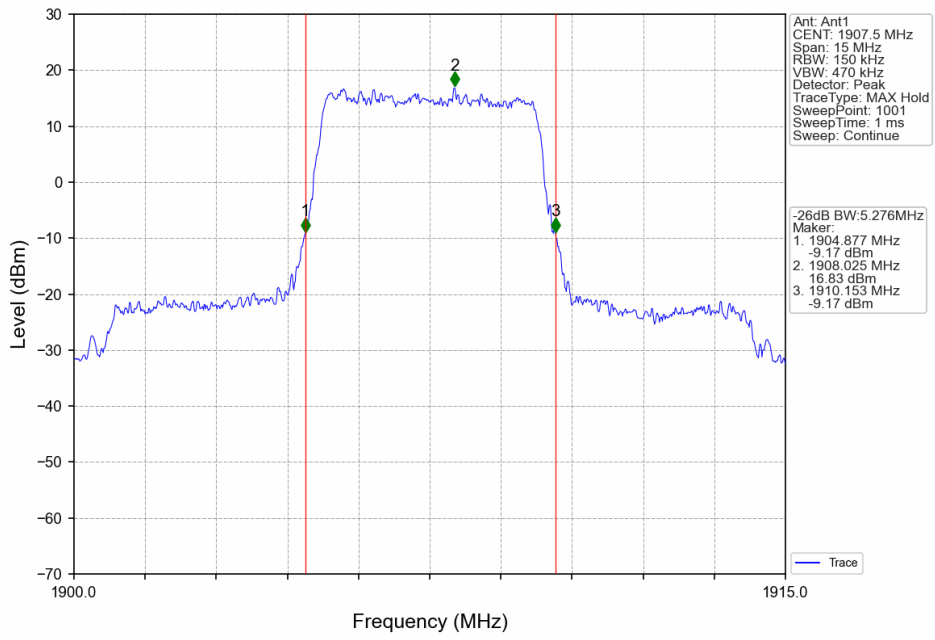
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



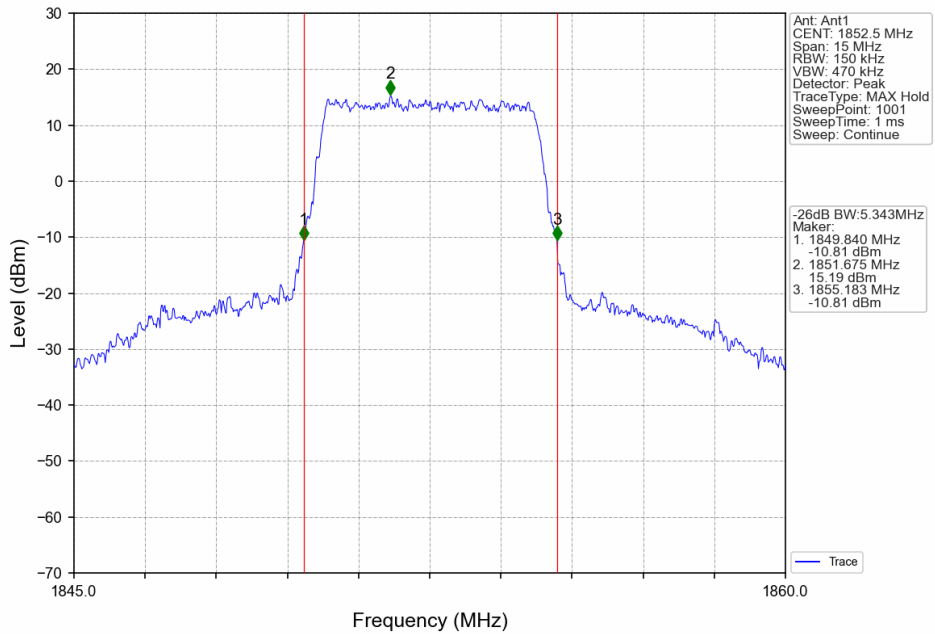
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



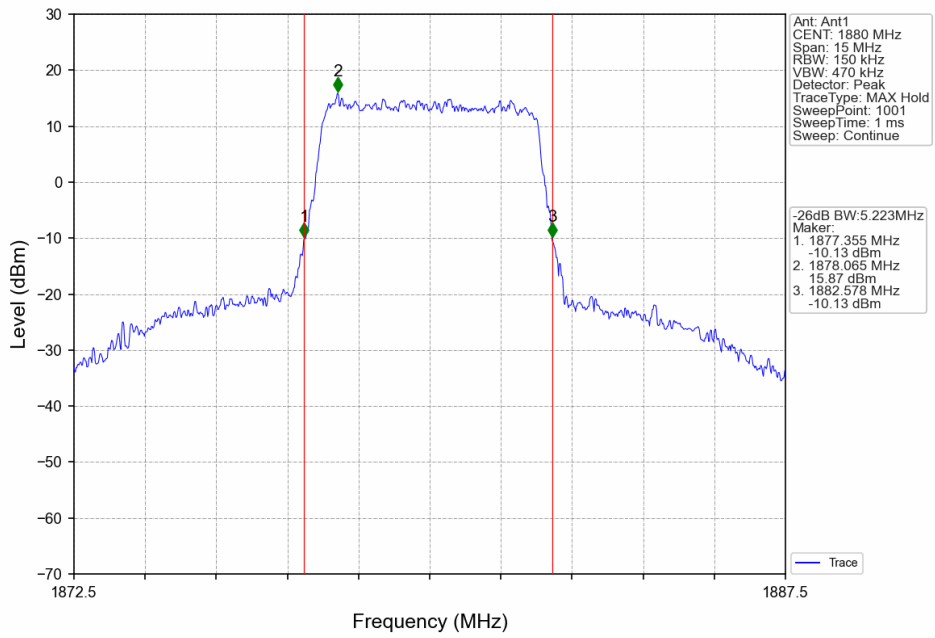
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



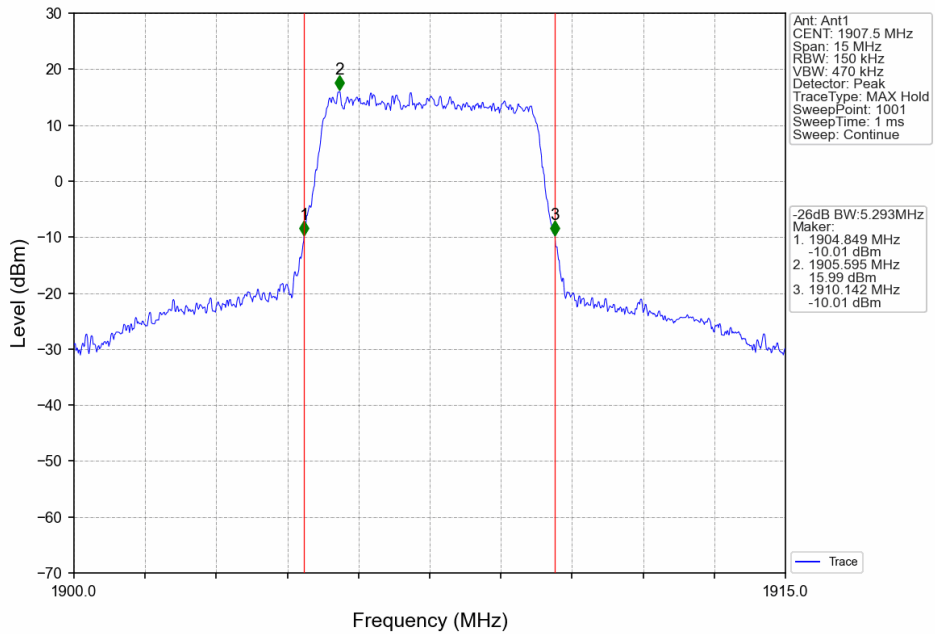
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



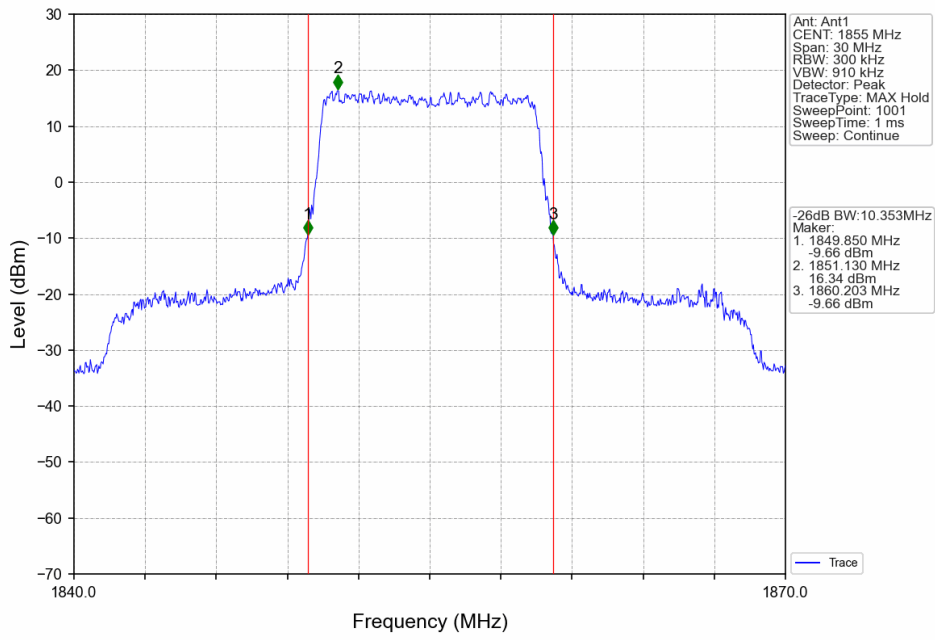
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



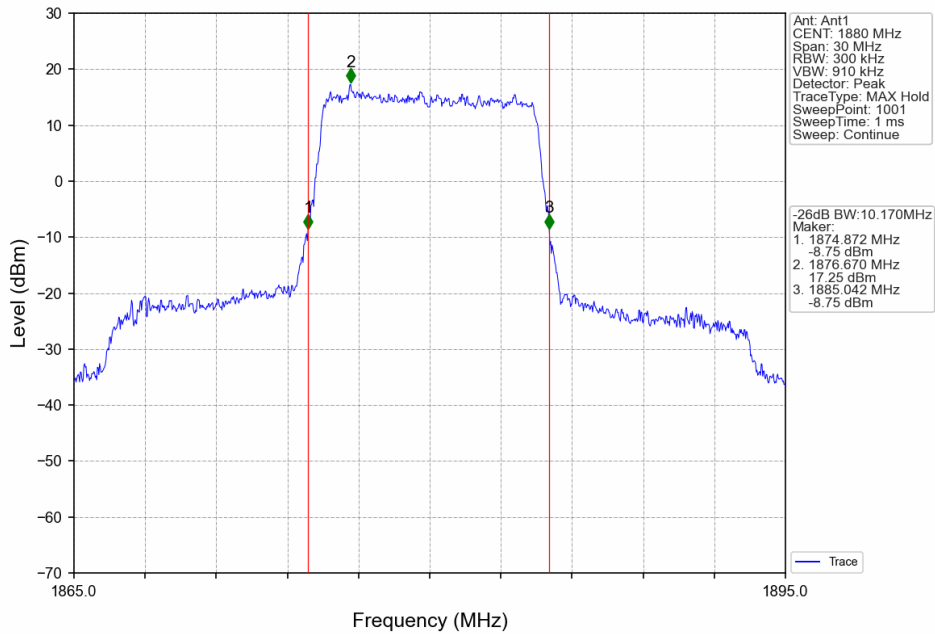
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



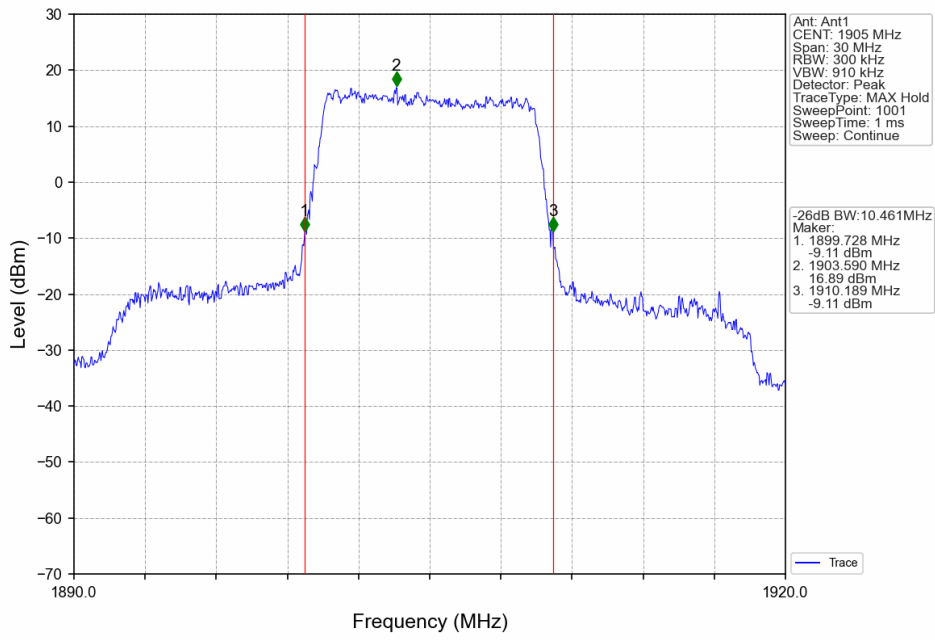
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



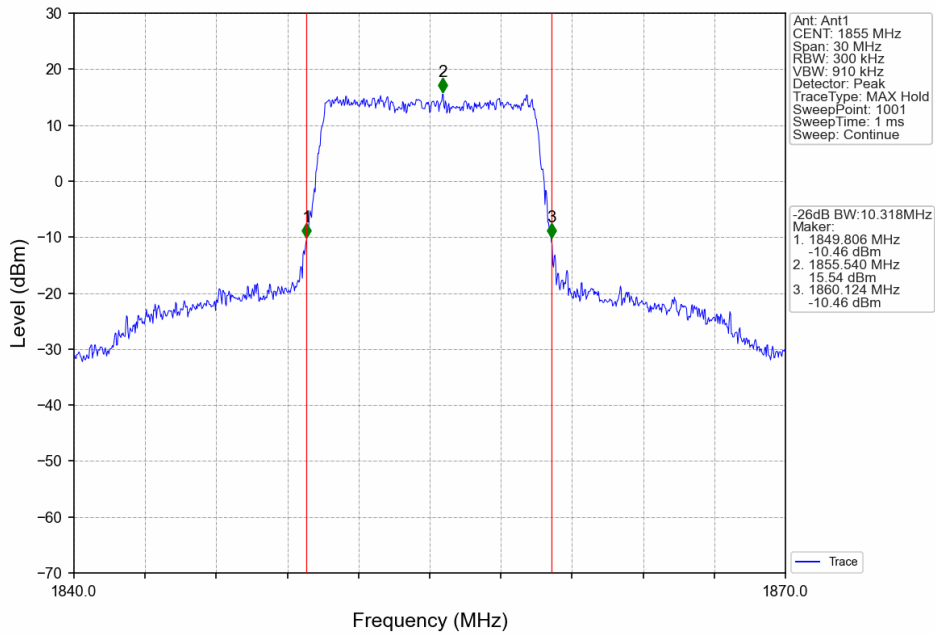
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



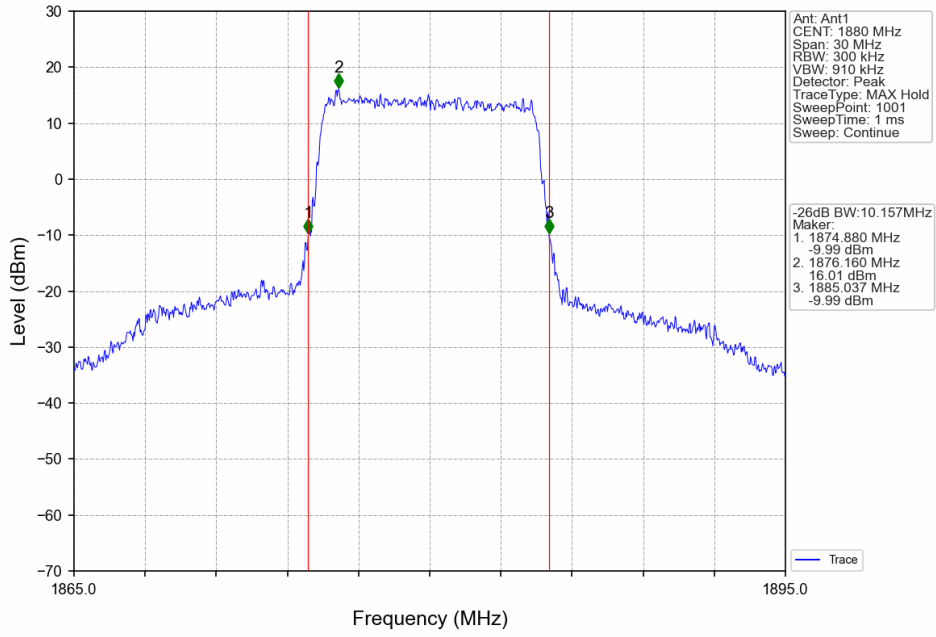
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



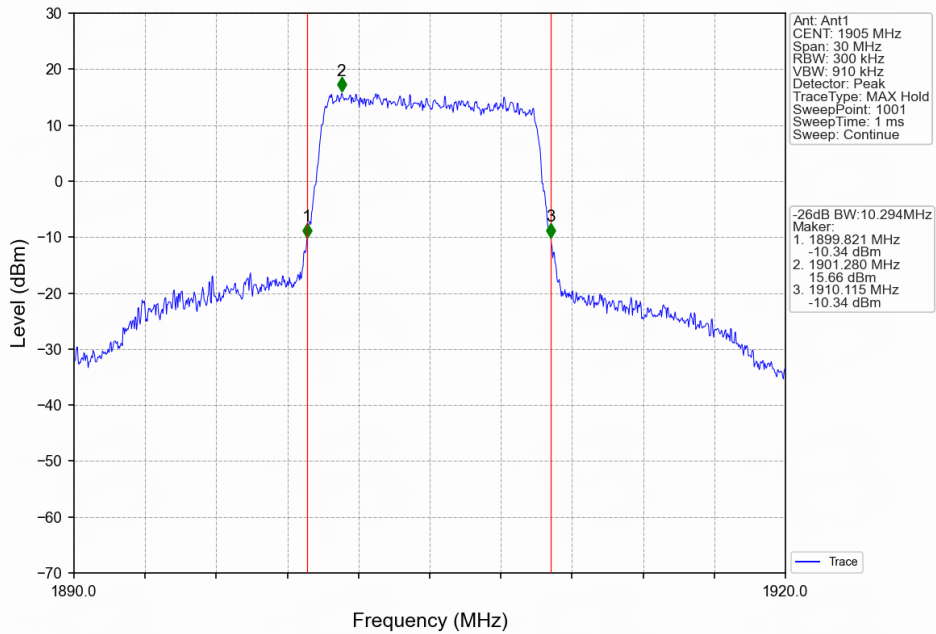
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



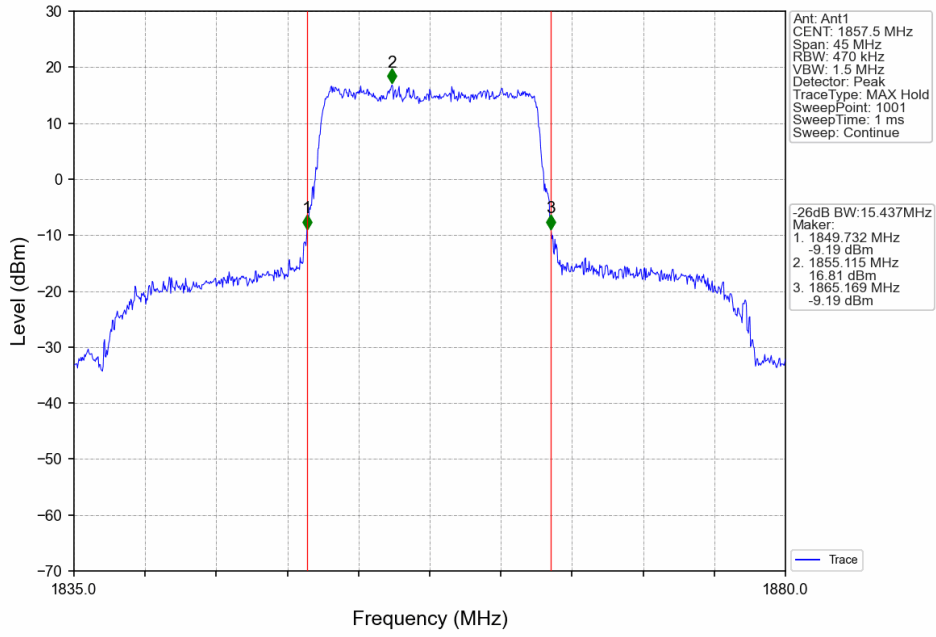
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



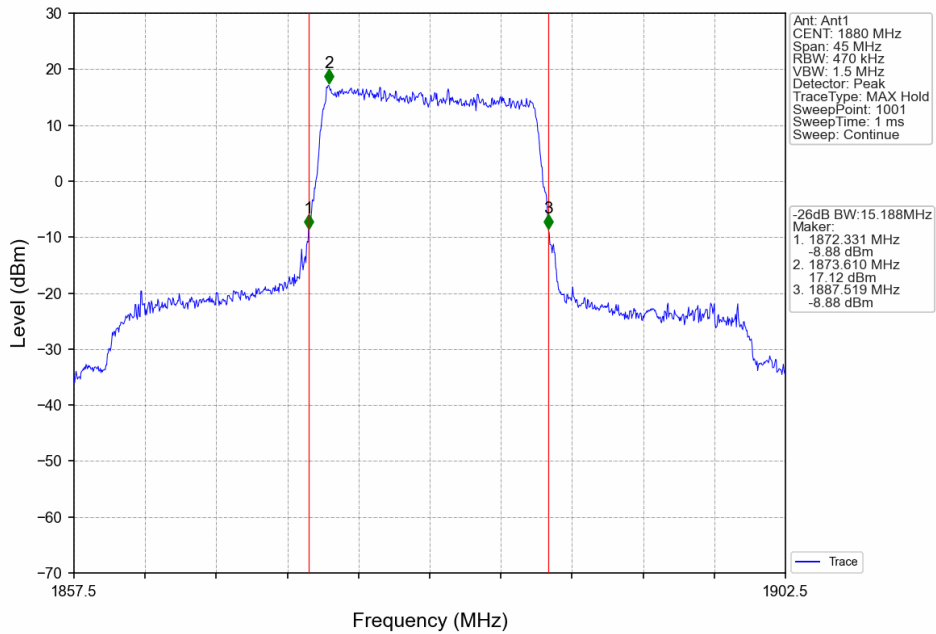
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



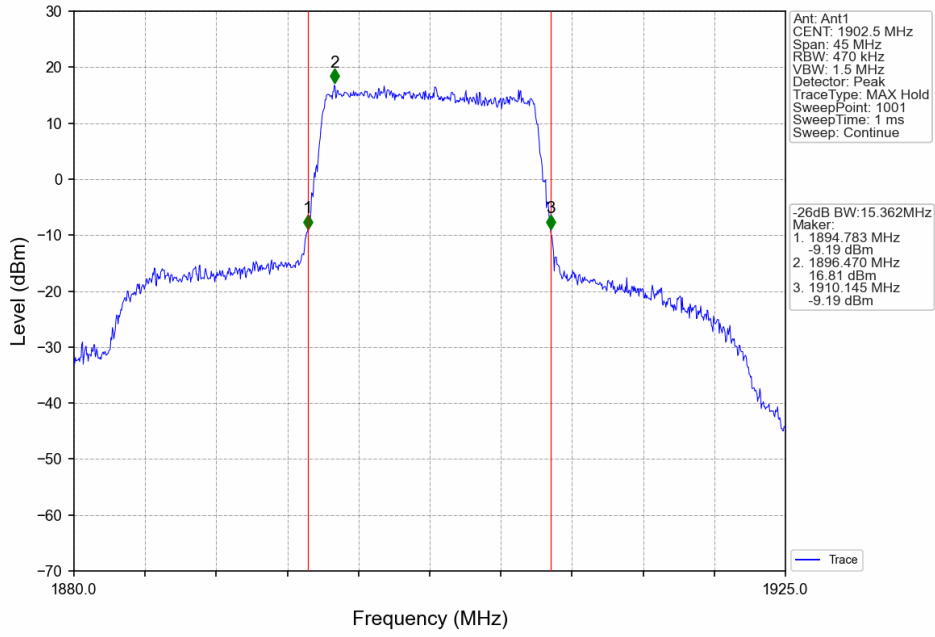
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



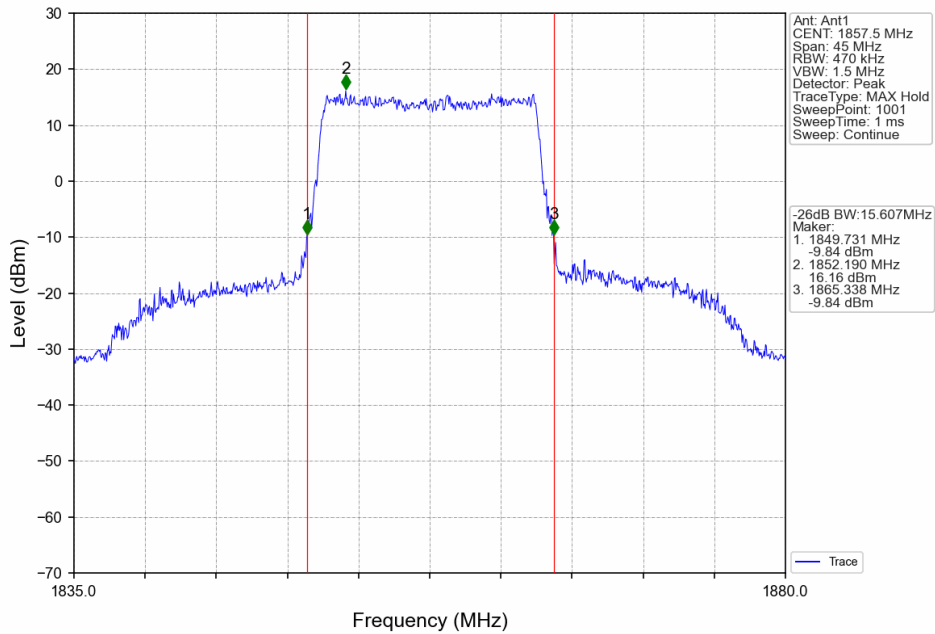
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



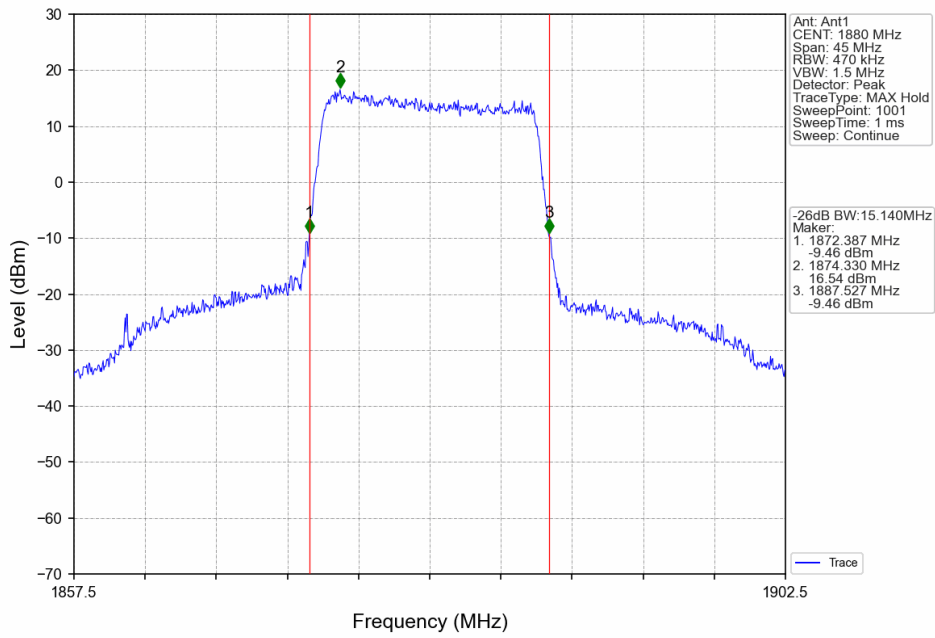
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



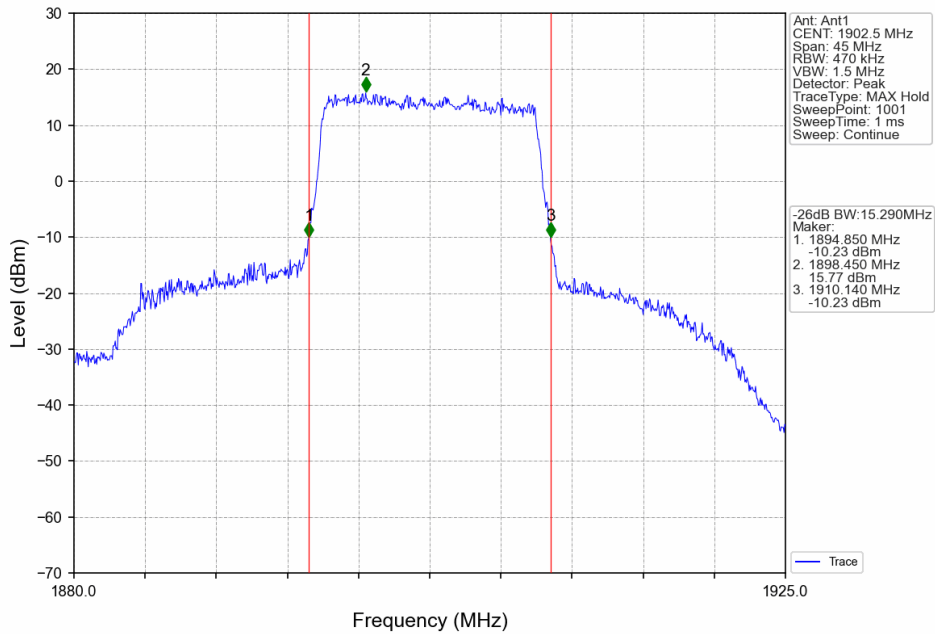
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



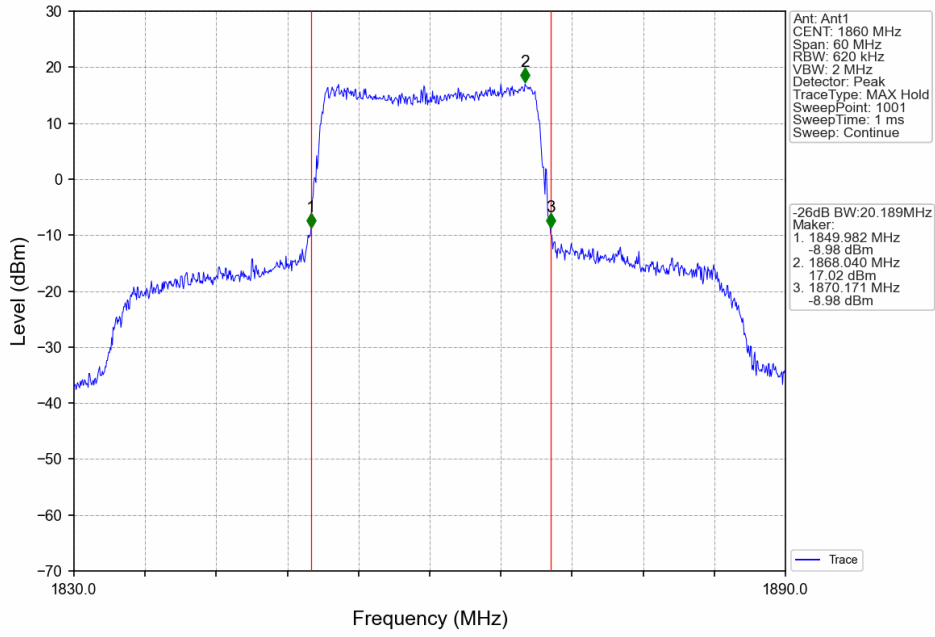
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



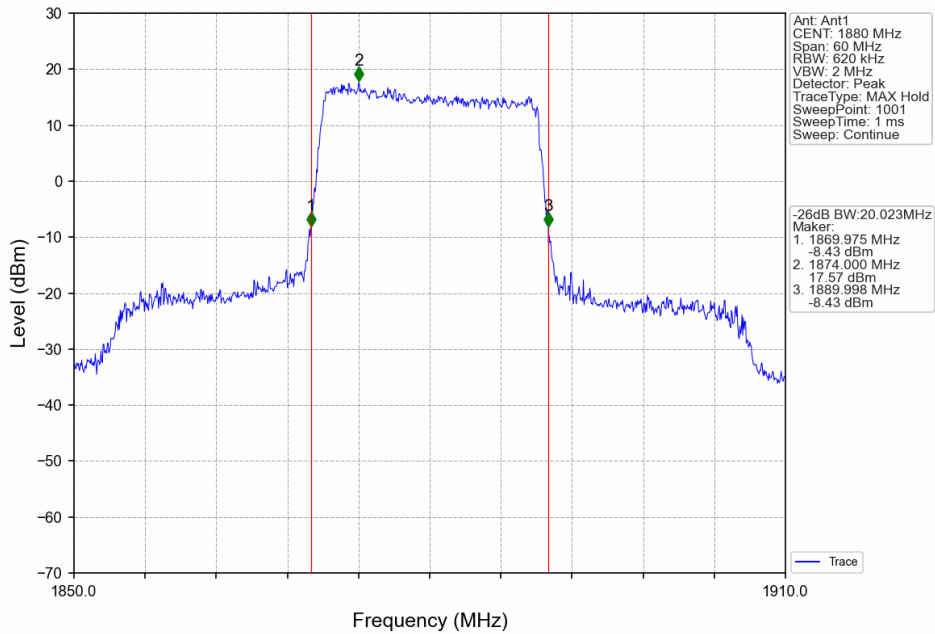
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



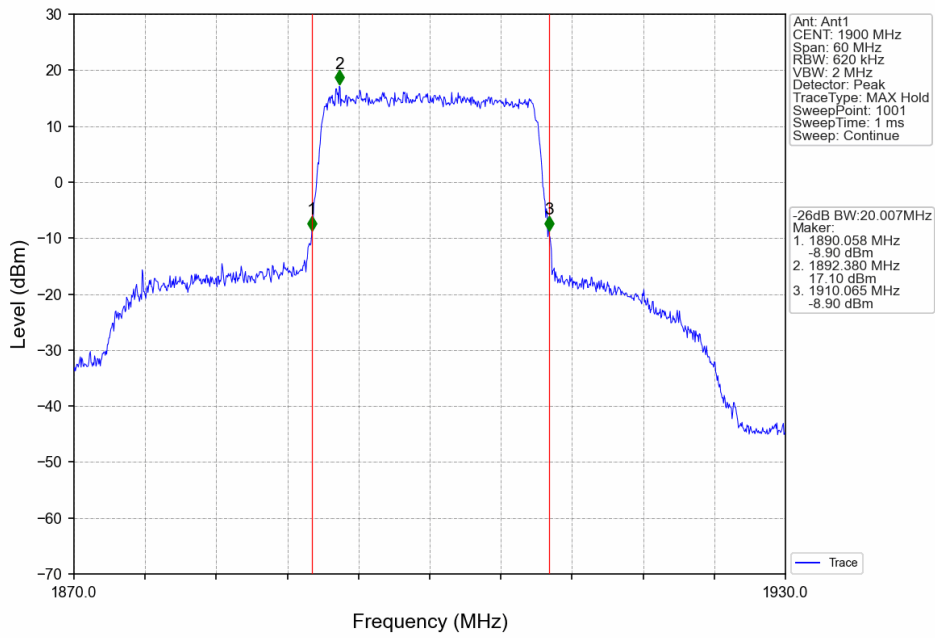
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



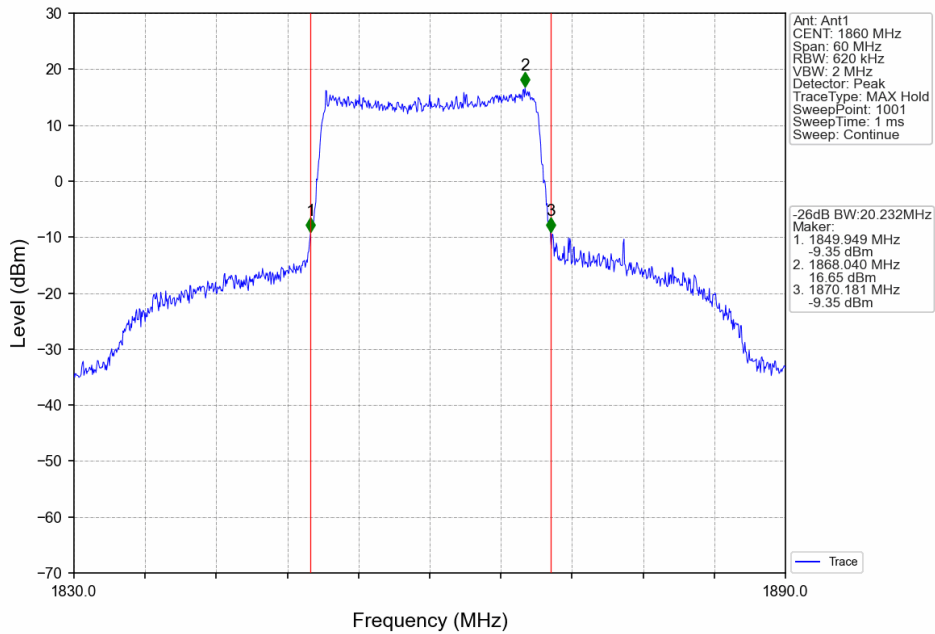
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



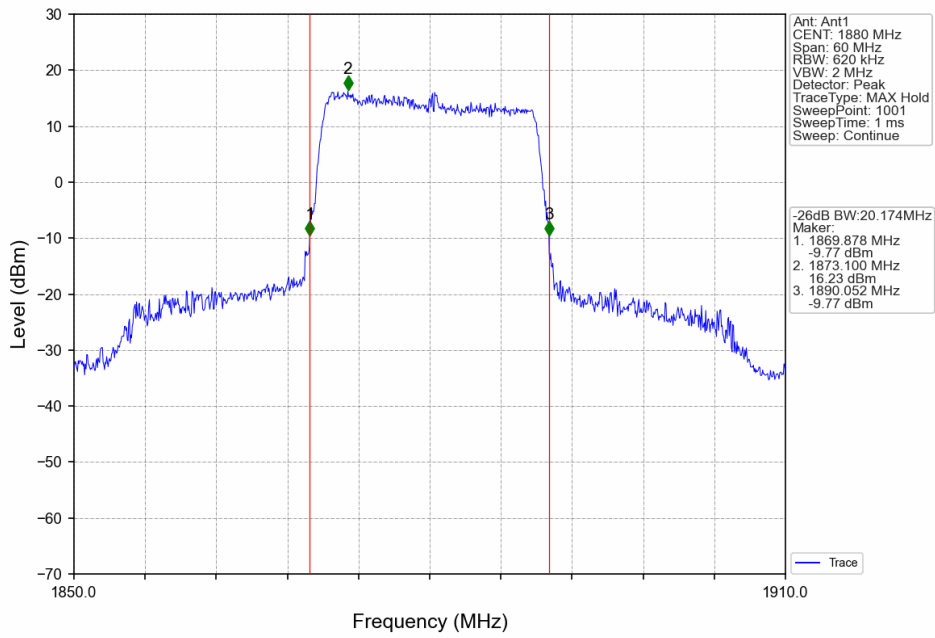
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



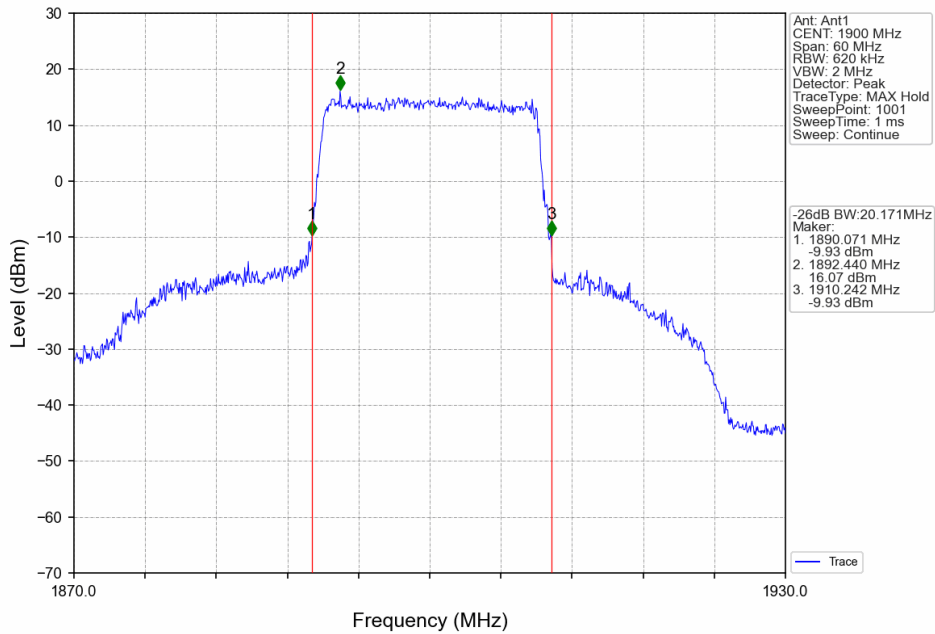
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



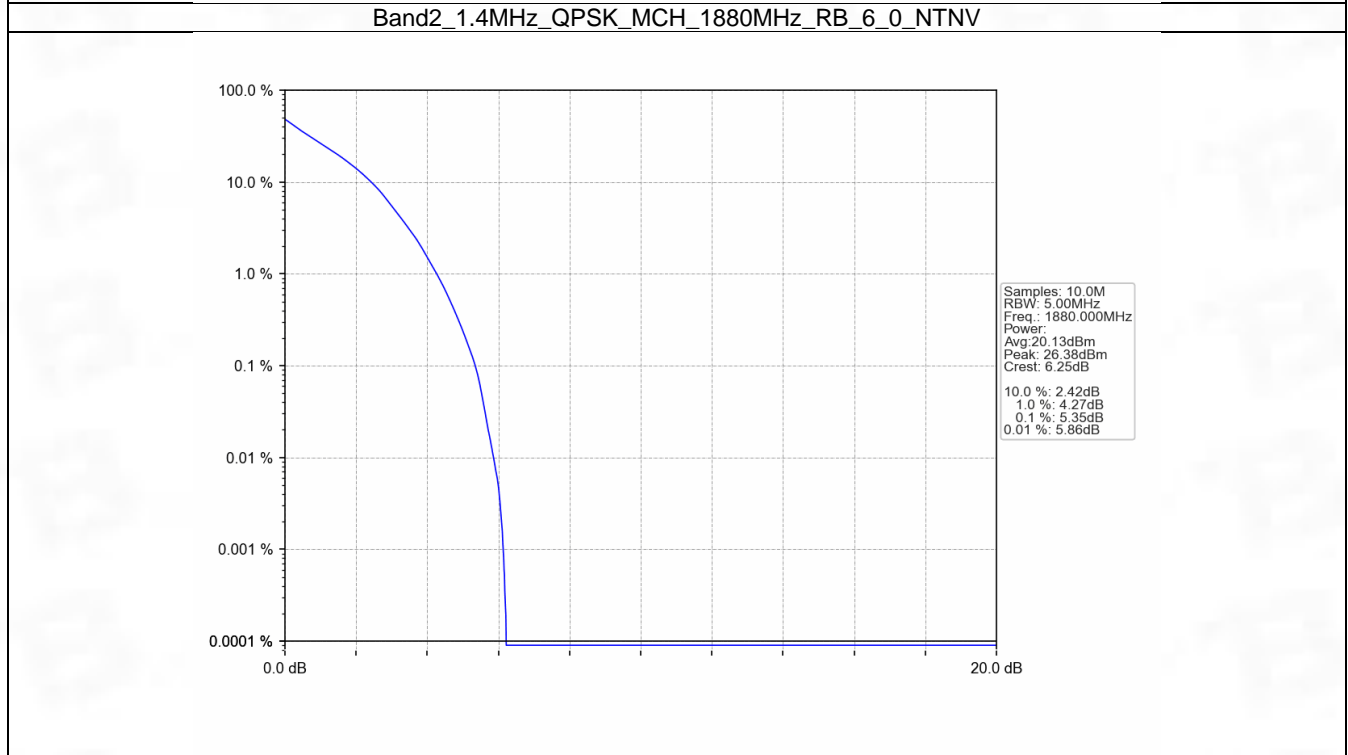
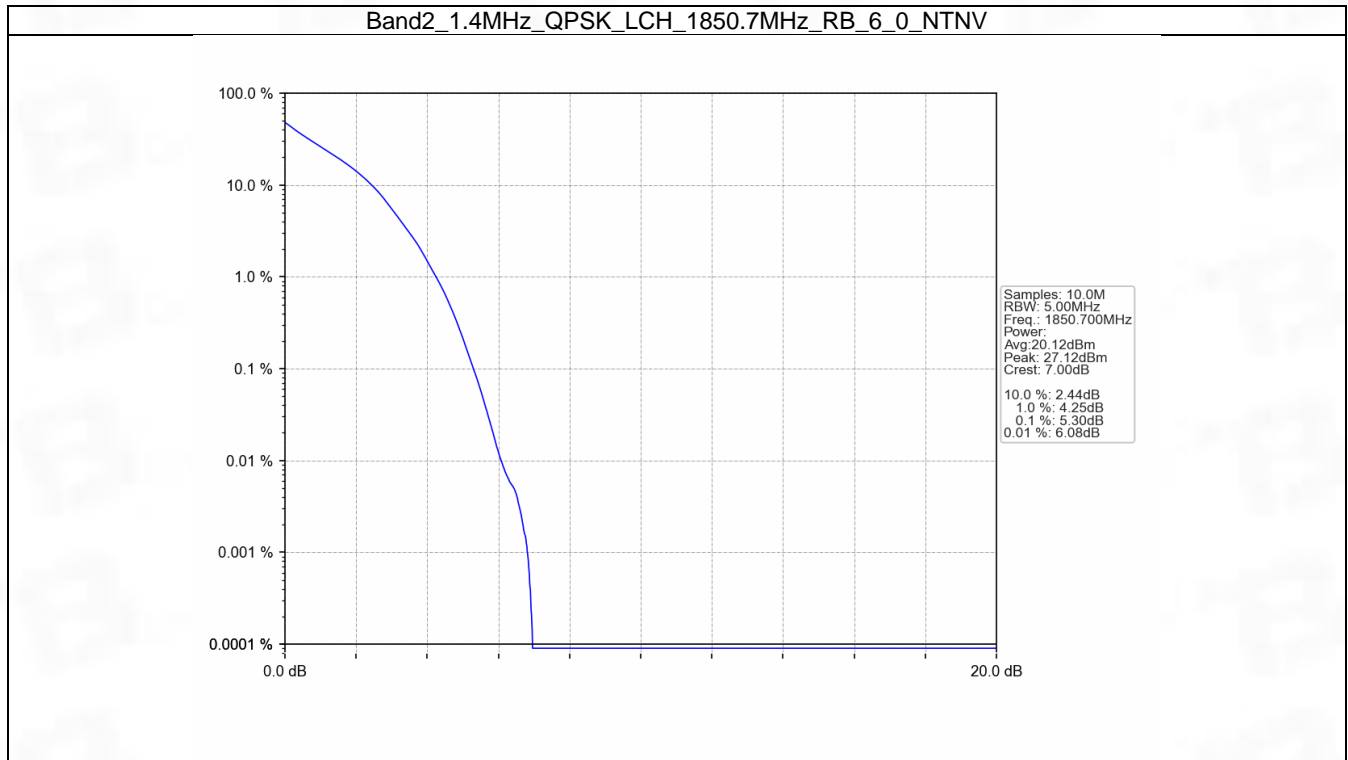
5. Peak-Average Ratio

5.1 B2_1.4MHz

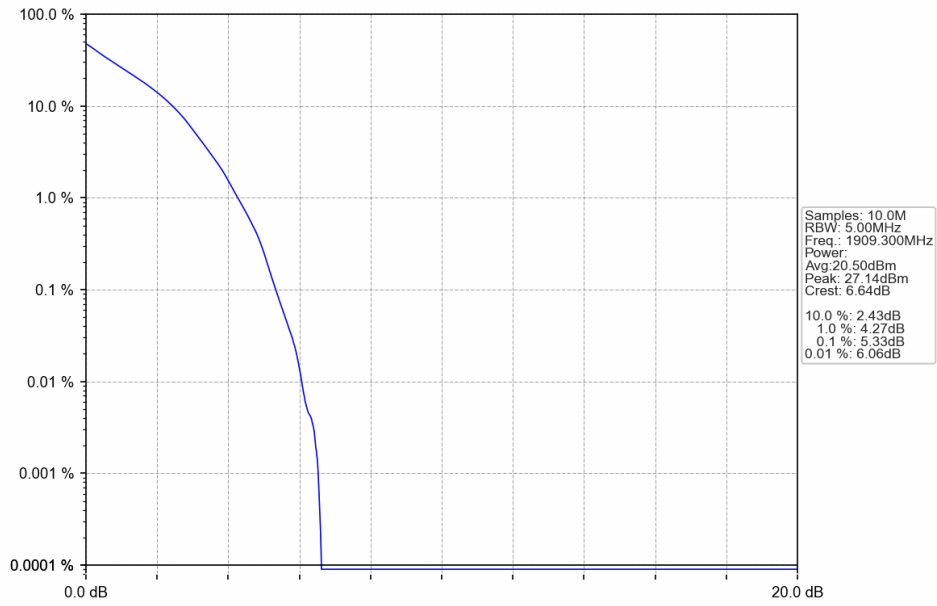
5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.30	<=13	Pass
	1880	6	0	5.35	<=13	Pass
	1909.3	6	0	5.33	<=13	Pass
16QAM	1850.7	6	0	6.07	<=13	Pass
	1880	6	0	6.10	<=13	Pass
	1909.3	6	0	6.15	<=13	Pass

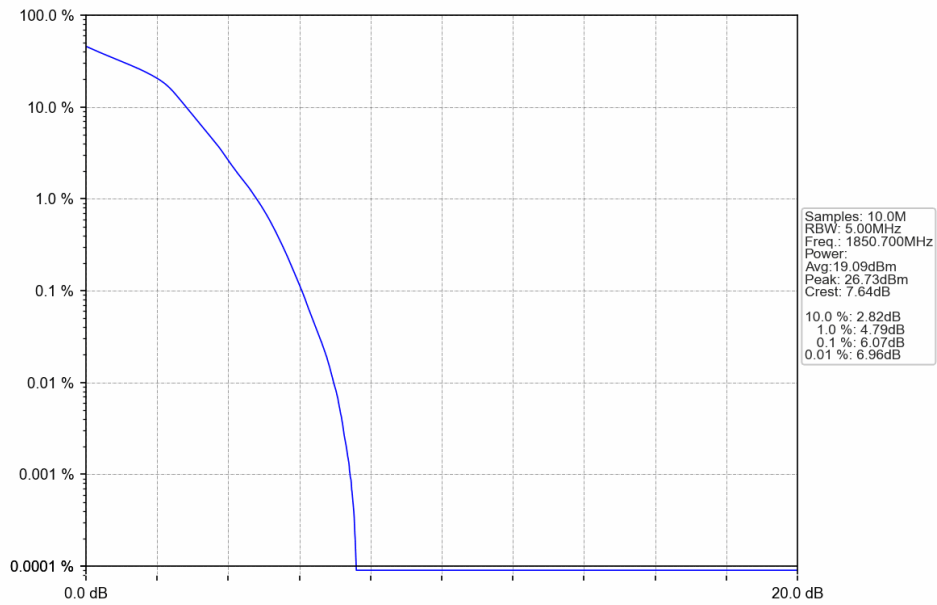
5.1.2 Test Graph



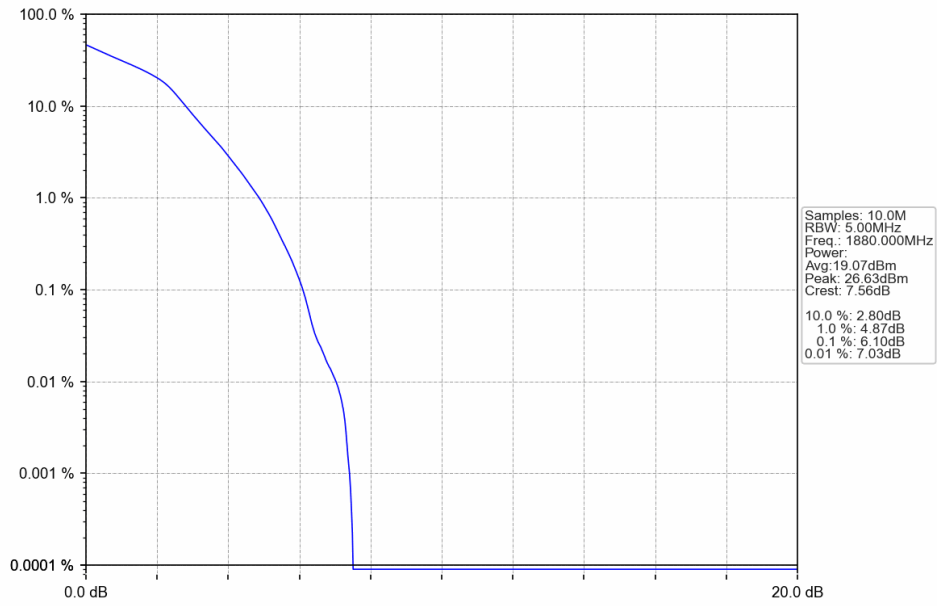
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



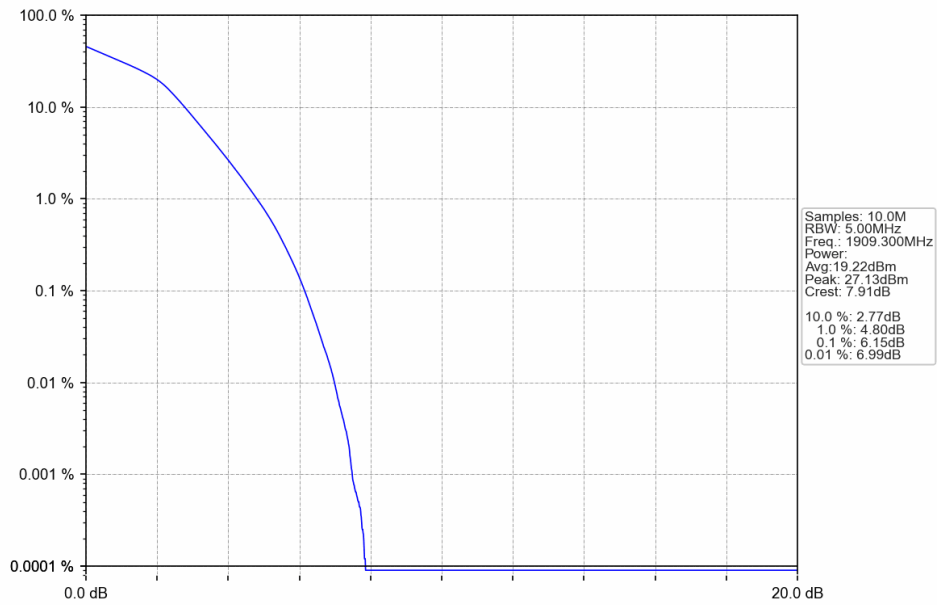
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

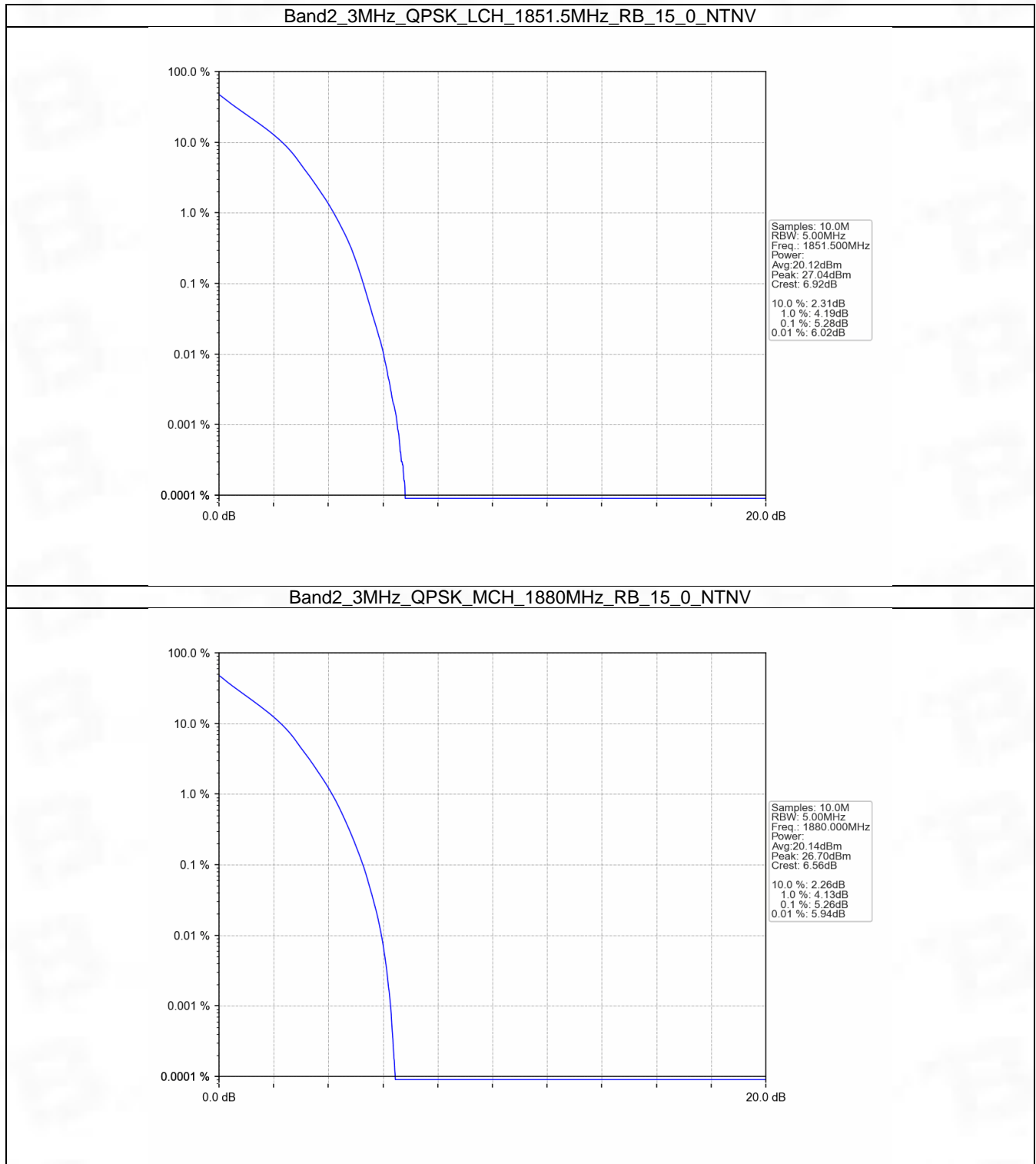


5.2 B2_3MHz

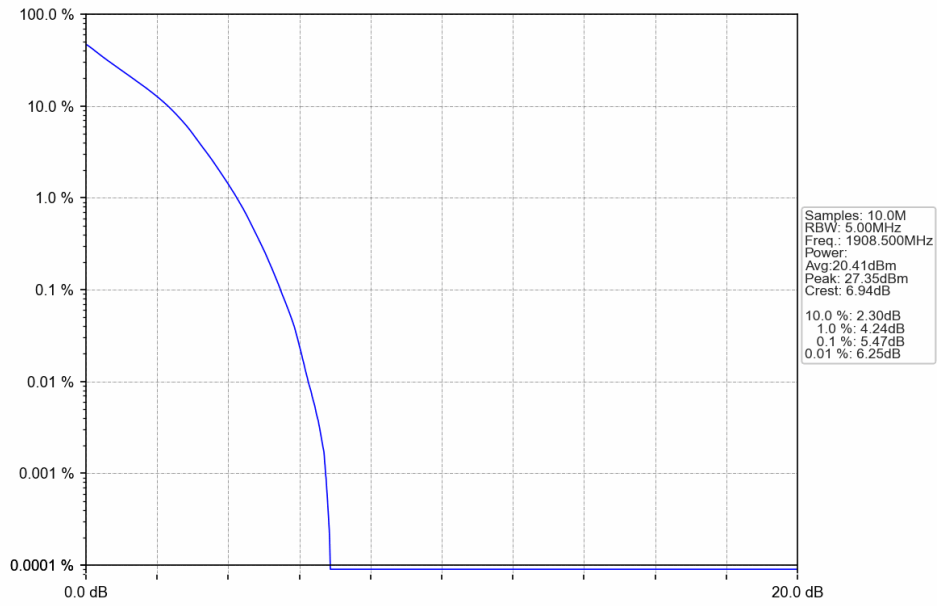
5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.28	<=13	Pass
	1880	15	0	5.26	<=13	Pass
	1908.5	15	0	5.47	<=13	Pass
16QAM	1851.5	15	0	6.06	<=13	Pass
	1880	15	0	6.08	<=13	Pass
	1908.5	15	0	6.15	<=13	Pass

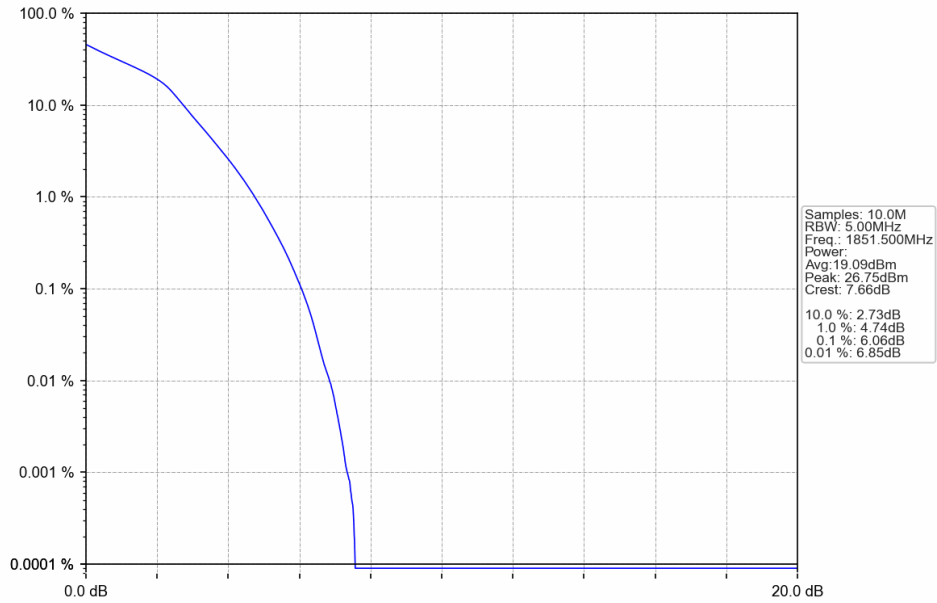
5.2.2 Test Graph



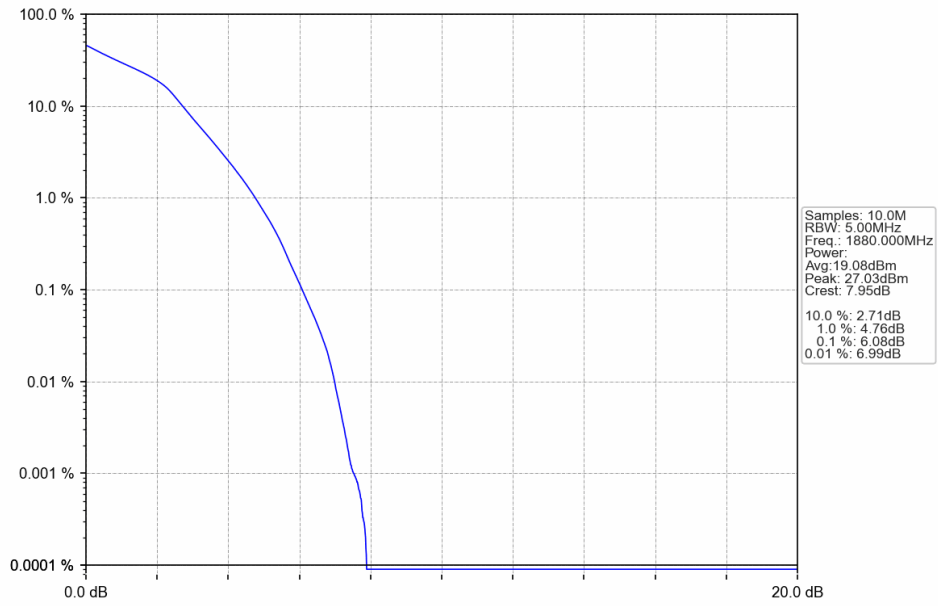
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



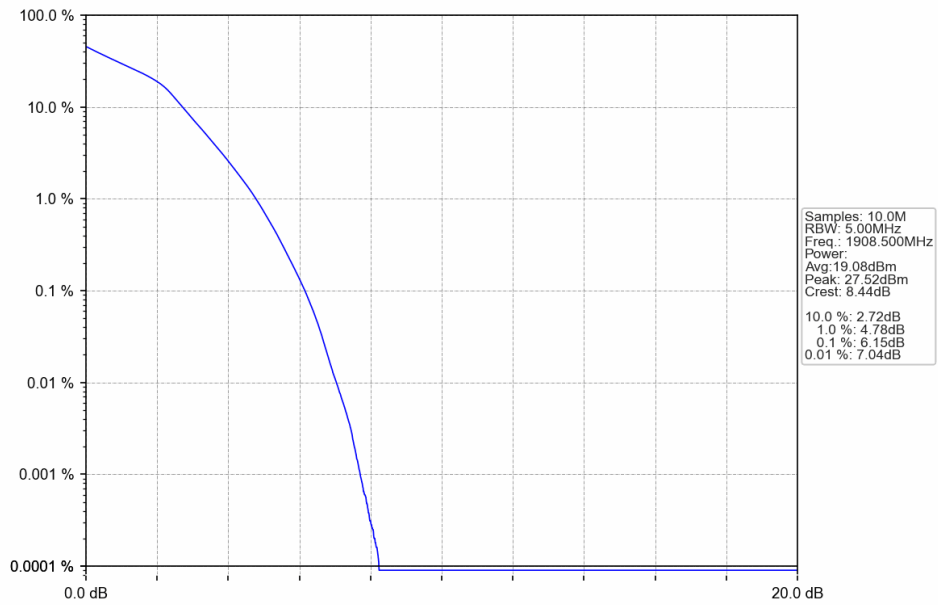
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



5.3 B2_5MHz

5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.44	<=13	Pass
	1880	25	0	5.51	<=13	Pass
	1907.5	25	0	5.65	<=13	Pass
16QAM	1852.5	25	0	6.12	<=13	Pass
	1880	25	0	6.13	<=13	Pass
	1907.5	25	0	6.16	<=13	Pass

5.3.2 Test Graph

