

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	21.93	0.58	22.51	<=33.01	Pass		
			2	22.02	0.58	22.60	<=33.01	Pass		
			5	21.89	0.58	22.47	<=33.01	Pass		
		3	0	21.99	0.58	22.57	<=33.01	Pass		
			2	22.02	0.58	22.60	<=33.01	Pass		
			3	22.02	0.58	22.60	<=33.01	Pass		
		6	0	20.92	0.58	21.50	<=33.01	Pass		
		1880	1	0	21.65	0.58	22.23	<=33.01	Pass	
				2	21.75	0.58	22.33	<=33.01	Pass	
	5			21.64	0.58	22.22	<=33.01	Pass		
	3		0	21.76	0.58	22.34	<=33.01	Pass		
			2	21.78	0.58	22.36	<=33.01	Pass		
			3	21.75	0.58	22.33	<=33.01	Pass		
	6		0	20.72	0.58	21.30	<=33.01	Pass		
	1909.3		1	0	21.62	0.58	22.20	<=33.01	Pass	
				2	21.74	0.58	22.32	<=33.01	Pass	
		5		21.60	0.58	22.18	<=33.01	Pass		
		3	0	21.74	0.58	22.32	<=33.01	Pass		
			2	21.75	0.58	22.33	<=33.01	Pass		
			3	21.78	0.58	22.36	<=33.01	Pass		
		6	0	20.68	0.58	21.26	<=33.01	Pass		
		16QAM	1850.7	1	0	20.94	0.58	21.52	<=33.01	Pass
					2	21.04	0.58	21.62	<=33.01	Pass
	5				20.98	0.58	21.56	<=33.01	Pass	
3	0			21.07	0.58	21.65	<=33.01	Pass		
	2			21.09	0.58	21.67	<=33.01	Pass		
	3			21.08	0.58	21.66	<=33.01	Pass		
6	0			19.84	0.58	20.42	<=33.01	Pass		
1880	1			0	20.70	0.58	21.28	<=33.01	Pass	
				2	20.78	0.58	21.36	<=33.01	Pass	
			5	20.70	0.58	21.28	<=33.01	Pass		
	3		0	20.95	0.58	21.53	<=33.01	Pass		
			2	20.99	0.58	21.57	<=33.01	Pass		
			3	20.96	0.58	21.54	<=33.01	Pass		
	6		0	19.78	0.58	20.36	<=33.01	Pass		
	1909.3		1	0	20.66	0.58	21.24	<=33.01	Pass	
				2	20.77	0.58	21.35	<=33.01	Pass	
5				20.75	0.58	21.33	<=33.01	Pass		
3			0	20.84	0.58	21.42	<=33.01	Pass		
			2	20.84	0.58	21.42	<=33.01	Pass		
			3	20.82	0.58	21.40	<=33.01	Pass		
6			0	19.64	0.58	20.22	<=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	22.57	0.58	23.15	<=33.01	Pass		
			7	22.67	0.58	23.25	<=33.01	Pass		
			14	22.53	0.58	23.11	<=33.01	Pass		
		8	0	21.60	0.58	22.18	<=33.01	Pass		
			4	21.60	0.58	22.18	<=33.01	Pass		
			7	21.52	0.58	22.10	<=33.01	Pass		
		15	0	21.54	0.58	22.12	<=33.01	Pass		
		1880	1	0	21.92	0.58	22.50	<=33.01	Pass	
				7	22.05	0.58	22.63	<=33.01	Pass	
	14			21.88	0.58	22.46	<=33.01	Pass		
	8		0	20.91	0.58	21.49	<=33.01	Pass		
			4	20.88	0.58	21.46	<=33.01	Pass		
			7	20.87	0.58	21.45	<=33.01	Pass		
	15		0	20.88	0.58	21.46	<=33.01	Pass		
	1908.5		1	0	21.80	0.58	22.38	<=33.01	Pass	
				7	21.79	0.58	22.37	<=33.01	Pass	
		14		21.78	0.58	22.36	<=33.01	Pass		
		8	0	20.82	0.58	21.40	<=33.01	Pass		
			4	20.83	0.58	21.41	<=33.01	Pass		
			7	20.82	0.58	21.40	<=33.01	Pass		
		15	0	20.83	0.58	21.41	<=33.01	Pass		
		16QAM	1851.5	1	0	21.51	0.58	22.09	<=33.01	Pass
					7	21.86	0.58	22.44	<=33.01	Pass
	14				21.72	0.58	22.30	<=33.01	Pass	
	8			0	20.59	0.58	21.17	<=33.01	Pass	
				4	20.45	0.58	21.03	<=33.01	Pass	
				7	20.20	0.58	20.78	<=33.01	Pass	
15	0			20.02	0.58	20.60	<=33.01	Pass		
1880	1			0	20.94	0.58	21.52	<=33.01	Pass	
				7	21.08	0.58	21.66	<=33.01	Pass	
			14	20.90	0.58	21.48	<=33.01	Pass		
	8		0	20.02	0.58	20.60	<=33.01	Pass		
			4	20.03	0.58	20.61	<=33.01	Pass		
			7	19.98	0.58	20.56	<=33.01	Pass		
	15		0	19.96	0.58	20.54	<=33.01	Pass		
	1908.5		1	0	21.34	0.58	21.92	<=33.01	Pass	
				7	20.96	0.58	21.54	<=33.01	Pass	
14				21.27	0.58	21.85	<=33.01	Pass		
8			0	19.89	0.58	20.47	<=33.01	Pass		
			4	19.78	0.58	20.36	<=33.01	Pass		
			7	19.86	0.58	20.44	<=33.01	Pass		
15			0	19.29	0.58	19.87	<=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	21.82	0.58	22.40	<=33.01	Pass		
			13	21.52	0.58	22.10	<=33.01	Pass		
			24	21.24	0.58	21.82	<=33.01	Pass		
		12	0	20.42	0.58	21.00	<=33.01	Pass		
			6	20.46	0.58	21.04	<=33.01	Pass		
			13	20.31	0.58	20.89	<=33.01	Pass		
		25	0	20.37	0.58	20.95	<=33.01	Pass		
		1880	1	0	21.20	0.58	21.78	<=33.01	Pass	
				13	21.32	0.58	21.90	<=33.01	Pass	
	24			21.25	0.58	21.83	<=33.01	Pass		
	12		0	20.32	0.58	20.90	<=33.01	Pass		
			6	20.38	0.58	20.96	<=33.01	Pass		
			13	20.28	0.58	20.86	<=33.01	Pass		
	25		0	20.29	0.58	20.87	<=33.01	Pass		
	1907.5		1	0	21.00	0.58	21.58	<=33.01	Pass	
				13	21.23	0.58	21.81	<=33.01	Pass	
		24		21.18	0.58	21.76	<=33.01	Pass		
		12	0	20.24	0.58	20.82	<=33.01	Pass		
			6	20.23	0.58	20.81	<=33.01	Pass		
			13	20.15	0.58	20.73	<=33.01	Pass		
		25	0	20.18	0.58	20.76	<=33.01	Pass		
		16QAM	1852.5	1	0	20.50	0.58	21.08	<=33.01	Pass
					13	20.54	0.58	21.12	<=33.01	Pass
	24				20.42	0.58	21.00	<=33.01	Pass	
12	0			19.40	0.58	19.98	<=33.01	Pass		
	6			19.42	0.58	20.00	<=33.01	Pass		
	13			19.25	0.58	19.83	<=33.01	Pass		
25	0			19.40	0.58	19.98	<=33.01	Pass		
1880	1			0	20.47	0.58	21.05	<=33.01	Pass	
				13	20.64	0.58	21.22	<=33.01	Pass	
			24	20.53	0.58	21.11	<=33.01	Pass		
	12		0	19.40	0.58	19.98	<=33.01	Pass		
			6	19.44	0.58	20.02	<=33.01	Pass		
			13	19.35	0.58	19.93	<=33.01	Pass		
	25		0	19.32	0.58	19.90	<=33.01	Pass		
	1907.5		1	0	19.92	0.58	20.50	<=33.01	Pass	
				13	20.15	0.58	20.73	<=33.01	Pass	
24				20.09	0.58	20.67	<=33.01	Pass		
12			0	19.28	0.58	19.86	<=33.01	Pass		
			6	19.26	0.58	19.84	<=33.01	Pass		
			13	19.16	0.58	19.74	<=33.01	Pass		
25			0	19.26	0.58	19.84	<=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	21.34	0.58	21.92	<=33.01	Pass	
			25	21.46	0.58	22.04	<=33.01	Pass	
			49	21.18	0.58	21.76	<=33.01	Pass	
		25	0	20.55	0.58	21.13	<=33.01	Pass	
			13	20.37	0.58	20.95	<=33.01	Pass	
			25	20.28	0.58	20.86	<=33.01	Pass	
		50	0	20.43	0.58	21.01	<=33.01	Pass	
		1880	1	0	21.13	0.58	21.71	<=33.01	Pass
				25	21.38	0.58	21.96	<=33.01	Pass
	49			21.13	0.58	21.71	<=33.01	Pass	
	25		0	20.34	0.58	20.92	<=33.01	Pass	
			13	20.27	0.58	20.85	<=33.01	Pass	
			25	20.22	0.58	20.80	<=33.01	Pass	
	50	0	20.28	0.58	20.86	<=33.01	Pass		
	1905	1	0	21.17	0.58	21.75	<=33.01	Pass	
			25	21.35	0.58	21.93	<=33.01	Pass	
			49	21.13	0.58	21.71	<=33.01	Pass	
		25	0	20.37	0.58	20.95	<=33.01	Pass	
13			20.24	0.58	20.82	<=33.01	Pass		
25			20.08	0.58	20.66	<=33.01	Pass		
50		0	20.23	0.58	20.81	<=33.01	Pass		
16QAM		1855	1	0	20.38	0.58	20.96	<=33.01	Pass
				25	20.43	0.58	21.01	<=33.01	Pass
	49			20.18	0.58	20.76	<=33.01	Pass	
	25		0	19.60	0.58	20.18	<=33.01	Pass	
			13	19.53	0.58	20.11	<=33.01	Pass	
			25	19.45	0.58	20.03	<=33.01	Pass	
	50		0	19.56	0.58	20.14	<=33.01	Pass	
	1880		1	0	20.31	0.58	20.89	<=33.01	Pass
				25	20.58	0.58	21.16	<=33.01	Pass
		49		20.36	0.58	20.94	<=33.01	Pass	
		25	0	19.37	0.58	19.95	<=33.01	Pass	
			13	19.32	0.58	19.90	<=33.01	Pass	
			25	19.28	0.58	19.86	<=33.01	Pass	
	50	0	19.32	0.58	19.90	<=33.01	Pass		
	1905	1	0	20.57	0.58	21.15	<=33.01	Pass	
			25	20.94	0.58	21.52	<=33.01	Pass	
			49	20.76	0.58	21.34	<=33.01	Pass	
		25	0	19.45	0.58	20.03	<=33.01	Pass	
13			19.32	0.58	19.90	<=33.01	Pass		
25			19.14	0.58	19.72	<=33.01	Pass		
50		0	19.28	0.58	19.86	<=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	21.16	0.58	21.74	<=33.01	Pass		
			38	21.29	0.58	21.87	<=33.01	Pass		
			74	20.90	0.58	21.48	<=33.01	Pass		
		36	0	20.39	0.58	20.97	<=33.01	Pass		
			18	20.35	0.58	20.93	<=33.01	Pass		
			39	20.31	0.58	20.89	<=33.01	Pass		
		75	0	20.37	0.58	20.95	<=33.01	Pass		
		1880	1	0	20.72	0.58	21.30	<=33.01	Pass	
				38	21.26	0.58	21.84	<=33.01	Pass	
	74			21.06	0.58	21.64	<=33.01	Pass		
	36		0	20.05	0.58	20.63	<=33.01	Pass		
			18	19.98	0.58	20.56	<=33.01	Pass		
			39	19.98	0.58	20.56	<=33.01	Pass		
	75		0	20.01	0.58	20.59	<=33.01	Pass		
	1902.5		1	0	20.85	0.58	21.43	<=33.01	Pass	
				38	20.98	0.58	21.56	<=33.01	Pass	
		74		20.77	0.58	21.35	<=33.01	Pass		
		36	0	20.12	0.58	20.70	<=33.01	Pass		
			18	20.11	0.58	20.69	<=33.01	Pass		
			39	19.88	0.58	20.46	<=33.01	Pass		
		75	0	19.91	0.58	20.49	<=33.01	Pass		
		16QAM	1857.5	1	0	20.64	0.58	21.22	<=33.01	Pass
					38	20.62	0.58	21.20	<=33.01	Pass
	74				20.29	0.58	20.87	<=33.01	Pass	
	36			0	19.31	0.58	19.89	<=33.01	Pass	
				18	19.28	0.58	19.86	<=33.01	Pass	
				39	19.21	0.58	19.79	<=33.01	Pass	
75	0			19.32	0.58	19.90	<=33.01	Pass		
1880	1			0	19.99	0.58	20.57	<=33.01	Pass	
				38	20.32	0.58	20.90	<=33.01	Pass	
			74	20.01	0.58	20.59	<=33.01	Pass		
	36		0	19.11	0.58	19.69	<=33.01	Pass		
			18	19.14	0.58	19.72	<=33.01	Pass		
			39	19.06	0.58	19.64	<=33.01	Pass		
	75		0	19.12	0.58	19.70	<=33.01	Pass		
	1902.5		1	0	20.33	0.58	20.91	<=33.01	Pass	
				38	20.48	0.58	21.06	<=33.01	Pass	
74				20.44	0.58	21.02	<=33.01	Pass		
36			0	19.05	0.58	19.63	<=33.01	Pass		
			18	19.10	0.58	19.68	<=33.01	Pass		
			39	18.91	0.58	19.49	<=33.01	Pass		
75			0	18.94	0.58	19.52	<=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	20.80	0.58	21.38	<=33.01	Pass		
			50	21.22	0.58	21.80	<=33.01	Pass		
			99	20.88	0.58	21.46	<=33.01	Pass		
		50	0	20.37	0.58	20.95	<=33.01	Pass		
			25	20.22	0.58	20.80	<=33.01	Pass		
			50	20.30	0.58	20.88	<=33.01	Pass		
		100	0	20.36	0.58	20.94	<=33.01	Pass		
		1880	1	0	20.88	0.58	21.46	<=33.01	Pass	
				50	21.39	0.58	21.97	<=33.01	Pass	
	99			20.89	0.58	21.47	<=33.01	Pass		
	50		0	20.21	0.58	20.79	<=33.01	Pass		
			25	20.29	0.58	20.87	<=33.01	Pass		
			50	20.12	0.58	20.70	<=33.01	Pass		
	100		0	20.23	0.58	20.81	<=33.01	Pass		
	1900		1	0	20.74	0.58	21.32	<=33.01	Pass	
				50	21.27	0.58	21.85	<=33.01	Pass	
		99		20.78	0.58	21.36	<=33.01	Pass		
		50	0	19.97	0.58	20.55	<=33.01	Pass		
			25	20.08	0.58	20.66	<=33.01	Pass		
			50	19.72	0.58	20.30	<=33.01	Pass		
		100	0	19.87	0.58	20.45	<=33.01	Pass		
		16QAM	1860	1	0	20.61	0.58	21.19	<=33.01	Pass
					50	20.86	0.58	21.44	<=33.01	Pass
	99				20.28	0.58	20.86	<=33.01	Pass	
50	0			19.37	0.58	19.95	<=33.01	Pass		
	25			19.25	0.58	19.83	<=33.01	Pass		
	50			19.26	0.58	19.84	<=33.01	Pass		
100	0			19.37	0.58	19.95	<=33.01	Pass		
1880	1			0	20.00	0.58	20.58	<=33.01	Pass	
				50	20.61	0.58	21.19	<=33.01	Pass	
			99	20.10	0.58	20.68	<=33.01	Pass		
	50		0	19.17	0.58	19.75	<=33.01	Pass		
			25	19.28	0.58	19.86	<=33.01	Pass		
			50	19.13	0.58	19.71	<=33.01	Pass		
	100		0	19.22	0.58	19.80	<=33.01	Pass		
	1900		1	0	20.07	0.58	20.65	<=33.01	Pass	
				50	20.50	0.58	21.08	<=33.01	Pass	
99				20.12	0.58	20.70	<=33.01	Pass		
50			0	18.97	0.58	19.55	<=33.01	Pass		
			25	19.07	0.58	19.65	<=33.01	Pass		
			50	18.71	0.58	19.29	<=33.01	Pass		
100			0	18.88	0.58	19.46	<=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	-22.402	-0.0121	-2.5 to 2.5	Pass
					3.85	-21.229	-0.0115	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-6.809	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-10.586	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-13.819	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
	50	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-14.191	-0.0075	-2.5 to 2.5	Pass
					3.85	-17.939	-0.0095	-2.5 to 2.5	Pass
					4.43	-8.569	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-12.574	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-15.879	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	2.661	0.0014	-2.5 to 2.5	Pass
	50	3.85	-17.166	-0.0091	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-16.923	-0.0089	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
					4.43	2.317	0.0012	-2.5 to 2.5	Pass
				-30	3.85	4.621	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-9.012	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-17.810	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-9.084	-0.0048	-2.5 to 2.5	Pass
30				3.85	-7.768	-0.0041	-2.5 to 2.5	Pass	
40				3.85	-6.266	-0.0033	-2.5 to 2.5	Pass	
50	3.85	-8.912	-0.0047	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	6.151	0.0033	-2.5 to 2.5	Pass
					3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
					4.43	-20.800	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-12.102	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	10.571	0.0057	-2.5 to 2.5	Pass
				-10	3.85	-12.002	-0.0065	-2.5 to 2.5	Pass
				0	3.85	4.649	0.0025	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-12.031	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
50	3.85	-24.548	-0.0133	-2.5 to 2.5	Pass				

	1880	6	0	20	3.27	1.144	0.0006	-2.5 to 2.5	Pass
					3.85	-15.950	-0.0085	-2.5 to 2.5	Pass
					4.43	6.280	0.0033	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-12.360	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-13.790	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	-5.836	-0.0031	-2.5 to 2.5	Pass
				30	3.85	2.546	0.0014	-2.5 to 2.5	Pass
	40	3.85	-19.369	-0.0103	-2.5 to 2.5	Pass			
	50	3.85	0.529	0.0003	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-14.877	-0.0078	-2.5 to 2.5	Pass
					3.85	4.392	0.0023	-2.5 to 2.5	Pass
					4.43	-16.365	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-5.751	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-15.206	-0.0080	-2.5 to 2.5	Pass
				0	3.85	2.418	0.0013	-2.5 to 2.5	Pass
10				3.85	-14.191	-0.0074	-2.5 to 2.5	Pass	
30				3.85	-8.955	-0.0047	-2.5 to 2.5	Pass	
40	3.85	6.037	0.0032	-2.5 to 2.5	Pass				
50	3.85	-6.166	-0.0032	-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	-10.901	-0.0059	-2.5 to 2.5	Pass
					3.85	-15.407	-0.0083	-2.5 to 2.5	Pass
					4.43	-13.433	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-10.643	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-16.651	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-18.139	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-13.590	-0.0073	-2.5 to 2.5	Pass
				10	3.85	3.762	0.0020	-2.5 to 2.5	Pass
				30	3.85	-11.916	-0.0064	-2.5 to 2.5	Pass
	40	3.85	-6.280	-0.0034	-2.5 to 2.5	Pass			
	50	3.85	-20.885	-0.0113	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-0.873	-0.0005	-2.5 to 2.5	Pass
					3.85	-13.018	-0.0069	-2.5 to 2.5	Pass
					4.43	-12.875	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-12.045	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-16.422	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-13.661	-0.0073	-2.5 to 2.5	Pass
10				3.85	-10.529	-0.0056	-2.5 to 2.5	Pass	
30				3.85	3.176	0.0017	-2.5 to 2.5	Pass	
40	3.85	-19.355	-0.0103	-2.5 to 2.5	Pass				
50	3.85	-13.590	-0.0072	-2.5 to 2.5	Pass				



	1908.5	15	0	20	3.27	-11.444	-0.0060	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
					4.43	-16.437	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-23.804	-0.0125	-2.5 to 2.5	Pass
					-20	3.85	-23.389	-0.0123	-2.5 to 2.5
				-10	3.85	-22.602	-0.0118	-2.5 to 2.5	Pass
					0	3.85	-16.966	-0.0089	-2.5 to 2.5
				10	3.85	-20.800	-0.0109	-2.5 to 2.5	Pass
					30	3.85	-4.592	-0.0024	-2.5 to 2.5
				40	3.85	-8.197	-0.0043	-2.5 to 2.5	Pass
50	3.85	-12.760	-0.0067		-2.5 to 2.5	Pass			
16QAM	1851.5	15	0	20	3.27	-30.713	-0.0166	-2.5 to 2.5	Pass
					3.85	-10.200	-0.0055	-2.5 to 2.5	Pass
					4.43	1.974	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-21.529	-0.0116	-2.5 to 2.5	Pass
					-20	3.85	-2.017	-0.0011	-2.5 to 2.5
				-10	3.85	-16.522	-0.0089	-2.5 to 2.5	Pass
					0	3.85	-20.456	-0.0110	-2.5 to 2.5
				10	3.85	3.734	0.0020	-2.5 to 2.5	Pass
					30	3.85	-20.456	-0.0110	-2.5 to 2.5
	40	3.85	-14.019	-0.0076	-2.5 to 2.5	Pass			
		50	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass		
	1880	15	0	20	3.27	-6.580	-0.0035	-2.5 to 2.5	Pass
					3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
					4.43	1.216	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-6.738	-0.0036	-2.5 to 2.5	Pass
					-20	3.85	-12.331	-0.0066	-2.5 to 2.5
				-10	3.85	-8.154	-0.0043	-2.5 to 2.5	Pass
					0	3.85	-3.505	-0.0019	-2.5 to 2.5
10				3.85	-17.567	-0.0093	-2.5 to 2.5	Pass	
				30	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
40	3.85	-21.615	-0.0115	-2.5 to 2.5	Pass				
	50	3.85	-19.970	-0.0106	-2.5 to 2.5	Pass			
1908.5	15	0	20	3.27	-19.341	-0.0101	-2.5 to 2.5	Pass	
				3.85	3.777	0.0020	-2.5 to 2.5	Pass	
				4.43	-5.336	-0.0028	-2.5 to 2.5	Pass	
			-30	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass	
				-20	3.85	10.858	0.0057	-2.5 to 2.5	Pass
			-10	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass	
				0	3.85	-11.201	-0.0059	-2.5 to 2.5	Pass
			10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass	
				30	3.85	-7.181	-0.0038	-2.5 to 2.5	Pass
40	3.85	-5.965	-0.0031	-2.5 to 2.5	Pass				
	50	3.85	-13.204	-0.0069	-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	-12.274	-0.0066	-2.5 to 2.5	Pass	
					3.85	-9.212	-0.0050	-2.5 to 2.5	Pass	
					4.43	-11.172	-0.0060	-2.5 to 2.5	Pass	
				-30	3.85	-6.137	-0.0033	-2.5 to 2.5	Pass	
					-20	3.85	-8.912	-0.0048	-2.5 to 2.5	Pass
						-10	3.85	-4.821	-0.0026	-2.5 to 2.5
				0	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass	
					10	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-7.796	-0.0042	-2.5 to 2.5	Pass	
	40	3.85	-9.556	-0.0052	-2.5 to 2.5	Pass				
	50	3.85	-9.556	-0.0052	-2.5 to 2.5	Pass				
	1880	25	0	20	3.27	-15.249	-0.0081	-2.5 to 2.5	Pass	
					3.85	-8.440	-0.0045	-2.5 to 2.5	Pass	
					4.43	-6.952	-0.0037	-2.5 to 2.5	Pass	
				-30	3.85	-8.411	-0.0045	-2.5 to 2.5	Pass	
					-20	3.85	-13.447	-0.0072	-2.5 to 2.5	Pass
						-10	3.85	-10.715	-0.0057	-2.5 to 2.5
				0	3.85	-10.829	-0.0058	-2.5 to 2.5	Pass	
					10	3.85	-11.773	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass	
	40	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass				
	50	3.85	-9.570	-0.0051	-2.5 to 2.5	Pass				
	1907.5	25	0	20	3.27	-4.792	-0.0025	-2.5 to 2.5	Pass	
					3.85	-2.174	-0.0011	-2.5 to 2.5	Pass	
					4.43	7.024	0.0037	-2.5 to 2.5	Pass	
				-30	3.85	-7.253	-0.0038	-2.5 to 2.5	Pass	
					-20	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
-10						3.85	-9.484	-0.0050	-2.5 to 2.5	Pass
0				3.85	-9.770	-0.0051	-2.5 to 2.5	Pass		
				10	3.85	-5.679	-0.0030	-2.5 to 2.5	Pass	
30				3.85	-3.605	-0.0019	-2.5 to 2.5	Pass		
40	3.85	-11.773	-0.0062	-2.5 to 2.5	Pass					
50	3.85	1.287	0.0007	-2.5 to 2.5	Pass					
16QAM	1852.5	25	0	20	3.27	-14.949	-0.0081	-2.5 to 2.5	Pass	
					3.85	-3.591	-0.0019	-2.5 to 2.5	Pass	
					4.43	-2.260	-0.0012	-2.5 to 2.5	Pass	
				-30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass	
					-20	3.85	-10.285	-0.0056	-2.5 to 2.5	Pass
						-10	3.85	3.390	0.0018	-2.5 to 2.5
				0	3.85	-11.015	-0.0059	-2.5 to 2.5	Pass	
					10	3.85	-17.281	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-13.733	-0.0074	-2.5 to 2.5	Pass	
	40	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass				
	50	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass				
	1880	25	0	20	3.27	-7.038	-0.0037	-2.5 to 2.5	Pass	
					3.85	-17.524	-0.0093	-2.5 to 2.5	Pass	
					4.43	-25.792	-0.0137	-2.5 to 2.5	Pass	
				-30	3.85	-11.516	-0.0061	-2.5 to 2.5	Pass	
					-20	3.85	-8.311	-0.0044	-2.5 to 2.5	Pass
						-10	3.85	1.602	0.0009	-2.5 to 2.5
				0	3.85	-9.828	-0.0052	-2.5 to 2.5	Pass	
					10	3.85	-9.084	-0.0048	-2.5 to 2.5	Pass
				30	3.85	4.334	0.0023	-2.5 to 2.5	Pass	
	40	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass				



	1907.5	25	0	50	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-17.838	-0.0094	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.220	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.522	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.609	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-9.599	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-7.052	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0012	-2.5 to 2.5	Pass
				40	3.85	6.280	0.0033	-2.5 to 2.5	Pass
				50	3.85	-8.569	-0.0045	-2.5 to 2.5	Pass

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	-10.700	-0.0058	-2.5 to 2.5	Pass
					3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
					4.43	0.787	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-5.965	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.951	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-14.277	-0.0077	-2.5 to 2.5	Pass
				1880	50	0	20	3.27	-1.216
	3.85	-6.380	-0.0034					-2.5 to 2.5	Pass
	4.43	-12.059	-0.0064					-2.5 to 2.5	Pass
	-30	3.85	-9.398				-0.0050	-2.5 to 2.5	Pass
	-20	3.85	-1.087				-0.0006	-2.5 to 2.5	Pass
	-10	3.85	-8.926				-0.0047	-2.5 to 2.5	Pass
	0	3.85	-12.646				-0.0067	-2.5 to 2.5	Pass
	10	3.85	3.133				0.0017	-2.5 to 2.5	Pass
	30	3.85	-3.862				-0.0021	-2.5 to 2.5	Pass
	40	3.85	-10.371				-0.0055	-2.5 to 2.5	Pass
	50	3.85	-6.380				-0.0034	-2.5 to 2.5	Pass
	1905	50	0				20	3.27	-12.059
				3.85	-10.400	-0.0055		-2.5 to 2.5	Pass
				4.43	-8.769	-0.0046		-2.5 to 2.5	Pass
				-30	3.85	7.811	0.0041	-2.5 to 2.5	Pass
				-20	3.85	-10.529	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-13.061	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
30				3.85	-7.696	-0.0040	-2.5 to 2.5	Pass	
40				3.85	-5.422	-0.0028	-2.5 to 2.5	Pass	



16QAM	1855	50	0	50	3.85	-9.084	-0.0048	-2.5 to 2.5	Pass
				20	3.27	-1.431	-0.0008	-2.5 to 2.5	Pass
					3.85	6.409	0.0035	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-13.719	-0.0074	-2.5 to 2.5	Pass
				10	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
	40	3.85	0.815	0.0004	-2.5 to 2.5	Pass			
	50	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-3.304	-0.0018	-2.5 to 2.5	Pass
					3.85	-12.102	-0.0064	-2.5 to 2.5	Pass
					4.43	-3.161	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-10.786	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-11.630	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
	50	3.85	-17.052	-0.0091	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-0.429	-0.0002	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0028	-2.5 to 2.5	Pass
					4.43	-8.526	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-10.443	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.952	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-11.816	-0.0062	-2.5 to 2.5	Pass
10				3.85	-10.700	-0.0056	-2.5 to 2.5	Pass	
30				3.85	-13.676	-0.0072	-2.5 to 2.5	Pass	
40				3.85	-3.576	-0.0019	-2.5 to 2.5	Pass	
50	3.85	-8.698	-0.0046	-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	0.858	0.0005	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.243	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				30	3.85	-5.121	-0.0028	-2.5 to 2.5	Pass
				40	3.85	4.721	0.0025	-2.5 to 2.5	Pass



	1880	75	0	50	3.85	-11.144	-0.0060	-2.5 to 2.5	Pass
				20	3.27	-16.594	-0.0088	-2.5 to 2.5	Pass
					3.85	-11.115	-0.0059	-2.5 to 2.5	Pass
					4.43	-11.501	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-13.704	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-7.367	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-5.608	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				30	3.85	2.017	0.0011	-2.5 to 2.5	Pass
	40	3.85	-11.573	-0.0062	-2.5 to 2.5	Pass			
	50	3.85	-15.020	-0.0080	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-7.696	-0.0040	-2.5 to 2.5	Pass
					3.85	0.286	0.0002	-2.5 to 2.5	Pass
					4.43	-9.942	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-9.241	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-8.798	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.164	-0.0027	-2.5 to 2.5	Pass
30				3.85	-5.422	-0.0028	-2.5 to 2.5	Pass	
40				3.85	-5.593	-0.0029	-2.5 to 2.5	Pass	
50	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	-0.644	-0.0003	-2.5 to 2.5	Pass
					3.85	2.561	0.0014	-2.5 to 2.5	Pass
					4.43	6.680	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-9.999	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0040	-2.5 to 2.5	Pass
				0	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				30	3.85	6.495	0.0035	-2.5 to 2.5	Pass
				40	3.85	4.606	0.0025	-2.5 to 2.5	Pass
	50	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-3.633	-0.0019	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0042	-2.5 to 2.5	Pass
					4.43	-10.200	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-13.576	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-9.413	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-8.826	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0035	-2.5 to 2.5	Pass
	50	3.85	-10.986	-0.0058	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-1.416	-0.0007	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
					4.43	-13.990	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	6.208	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-4.749	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-9.699	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
30				3.85	-10.486	-0.0055	-2.5 to 2.5	Pass	



				40	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.994	-0.0032	-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	-7.439	-0.0040	-2.5 to 2.5	Pass	
					3.85	-5.479	-0.0029	-2.5 to 2.5	Pass	
					4.43	-9.427	-0.0051	-2.5 to 2.5	Pass	
				-30	3.85	-8.140	-0.0044	-2.5 to 2.5	Pass	
					-20	3.85	-7.124	-0.0038	-2.5 to 2.5	Pass
						3.85	-4.778	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass	
					3.85	6.080	0.0033	-2.5 to 2.5	Pass	
				30	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass	
				40	3.85	-9.542	-0.0051	-2.5 to 2.5	Pass	
	50	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass				
	1880	100	0	20	3.27	-12.202	-0.0065	-2.5 to 2.5	Pass	
					3.85	-11.630	-0.0062	-2.5 to 2.5	Pass	
					4.43	-13.561	-0.0072	-2.5 to 2.5	Pass	
				-30	3.85	-12.918	-0.0069	-2.5 to 2.5	Pass	
					-20	3.85	-7.524	-0.0040	-2.5 to 2.5	Pass
						3.85	-19.383	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-12.760	-0.0068	-2.5 to 2.5	Pass	
					3.85	-11.601	-0.0062	-2.5 to 2.5	Pass	
				30	3.85	-10.343	-0.0055	-2.5 to 2.5	Pass	
				40	3.85	-8.125	-0.0043	-2.5 to 2.5	Pass	
	50	3.85	-15.621	-0.0083	-2.5 to 2.5	Pass				
	1900	100	0	20	3.27	-11.301	-0.0059	-2.5 to 2.5	Pass	
					3.85	-2.933	-0.0015	-2.5 to 2.5	Pass	
					4.43	-13.061	-0.0069	-2.5 to 2.5	Pass	
				-30	3.85	-8.211	-0.0043	-2.5 to 2.5	Pass	
					-20	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
						3.85	-4.950	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass	
					3.85	-9.127	-0.0048	-2.5 to 2.5	Pass	
30				3.85	-3.362	-0.0018	-2.5 to 2.5	Pass		
40				3.85	-9.842	-0.0052	-2.5 to 2.5	Pass		
50	3.85	-9.756	-0.0051	-2.5 to 2.5	Pass					
16QAM	1860	100	0	20	3.27	-4.764	-0.0026	-2.5 to 2.5	Pass	
					3.85	-5.393	-0.0029	-2.5 to 2.5	Pass	
					4.43	-4.463	-0.0024	-2.5 to 2.5	Pass	
				-30	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass	
					-20	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
						3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass	
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass	
30	3.85	0.629	0.0003	-2.5 to 2.5	Pass					

	1880	100	0	40	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.595	-0.0035	-2.5 to 2.5	Pass
				20	3.27	-15.578	-0.0083	-2.5 to 2.5	Pass
					3.85	-7.954	-0.0042	-2.5 to 2.5	Pass
					4.43	-6.409	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-11.487	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-9.441	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-13.418	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
	30	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass			
	40	3.85	2.203	0.0012	-2.5 to 2.5	Pass			
	50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-8.783	-0.0046	-2.5 to 2.5	Pass
					3.85	-10.886	-0.0057	-2.5 to 2.5	Pass
					4.43	-5.736	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-8.912	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-12.102	-0.0064	-2.5 to 2.5	Pass
10				3.85	0.644	0.0003	-2.5 to 2.5	Pass	
30				3.85	2.689	0.0014	-2.5 to 2.5	Pass	
40				3.85	-4.706	-0.0025	-2.5 to 2.5	Pass	
50	3.85	-10.614	-0.0056	-2.5 to 2.5	Pass				

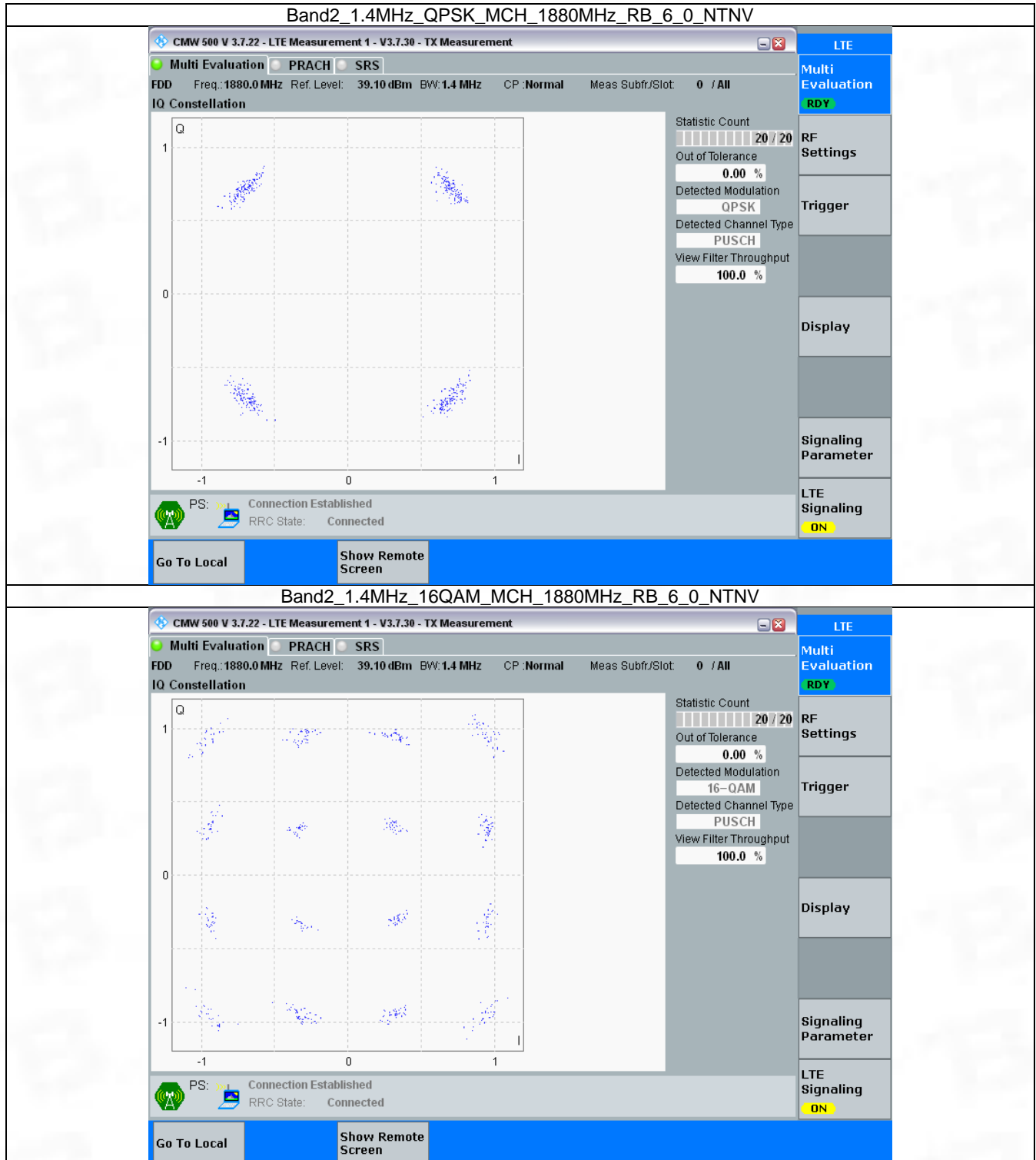
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
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



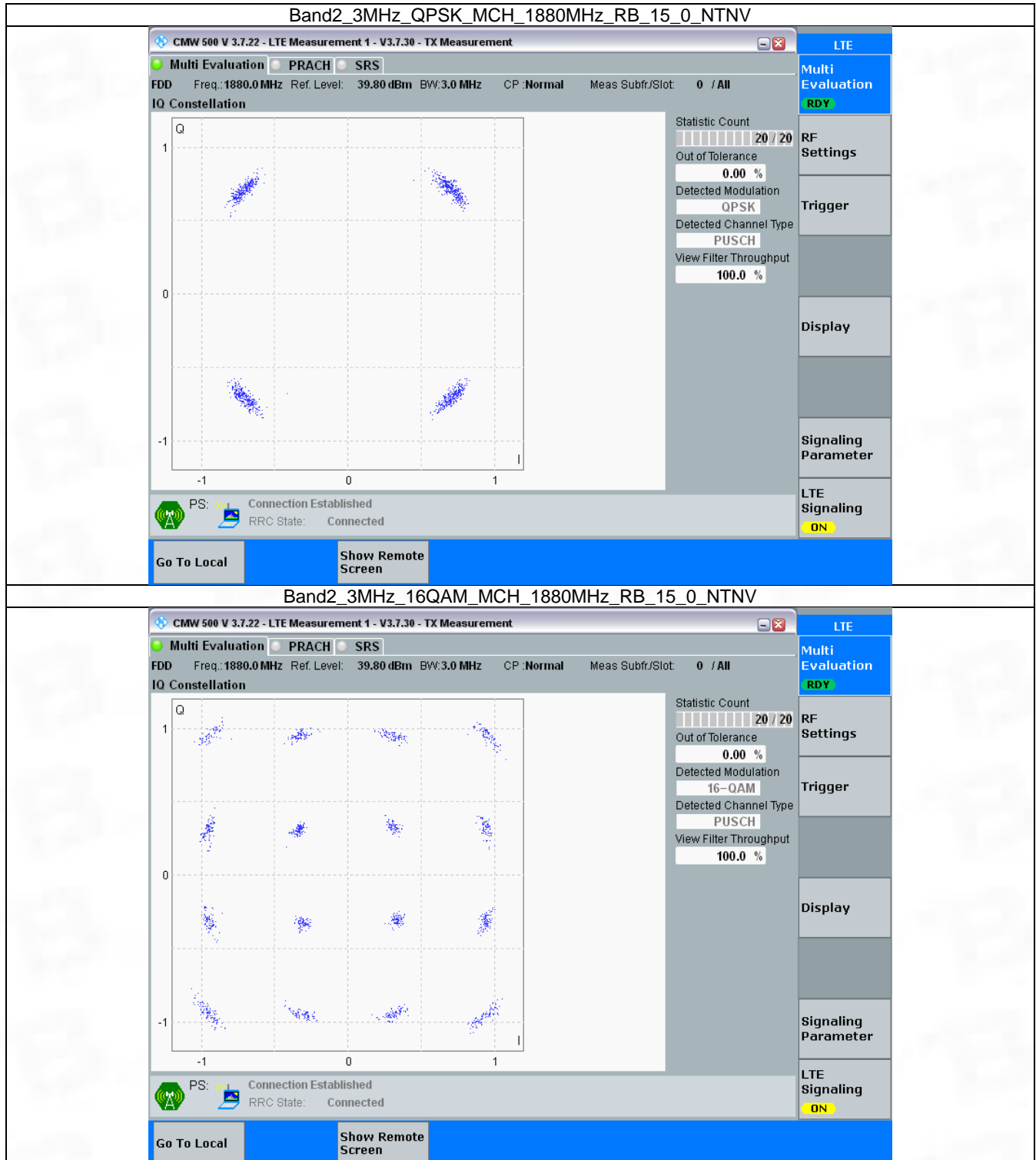


3.2 B2_3MHz

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



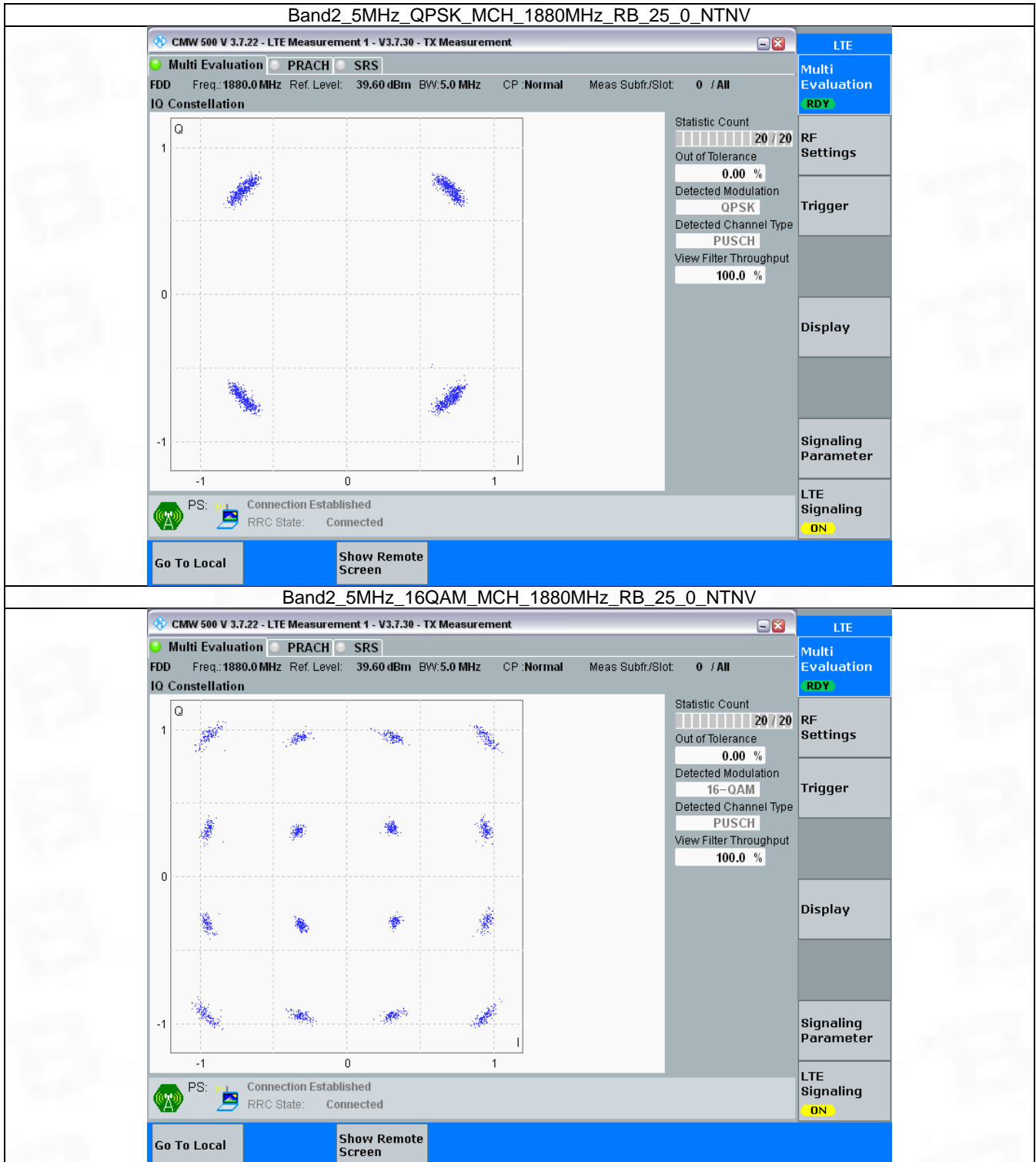


3.3 B2_5MHz

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



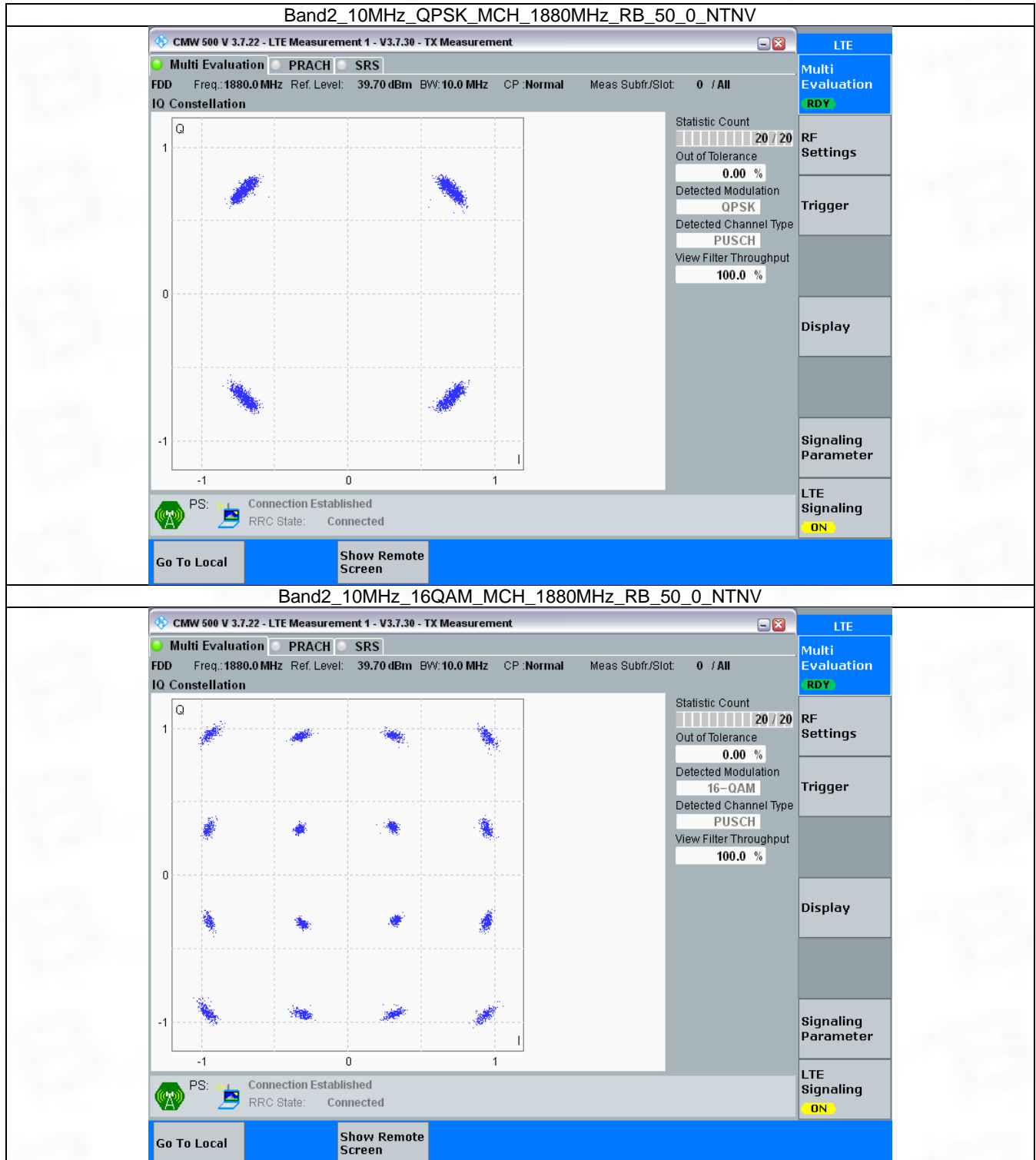


3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNv						
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

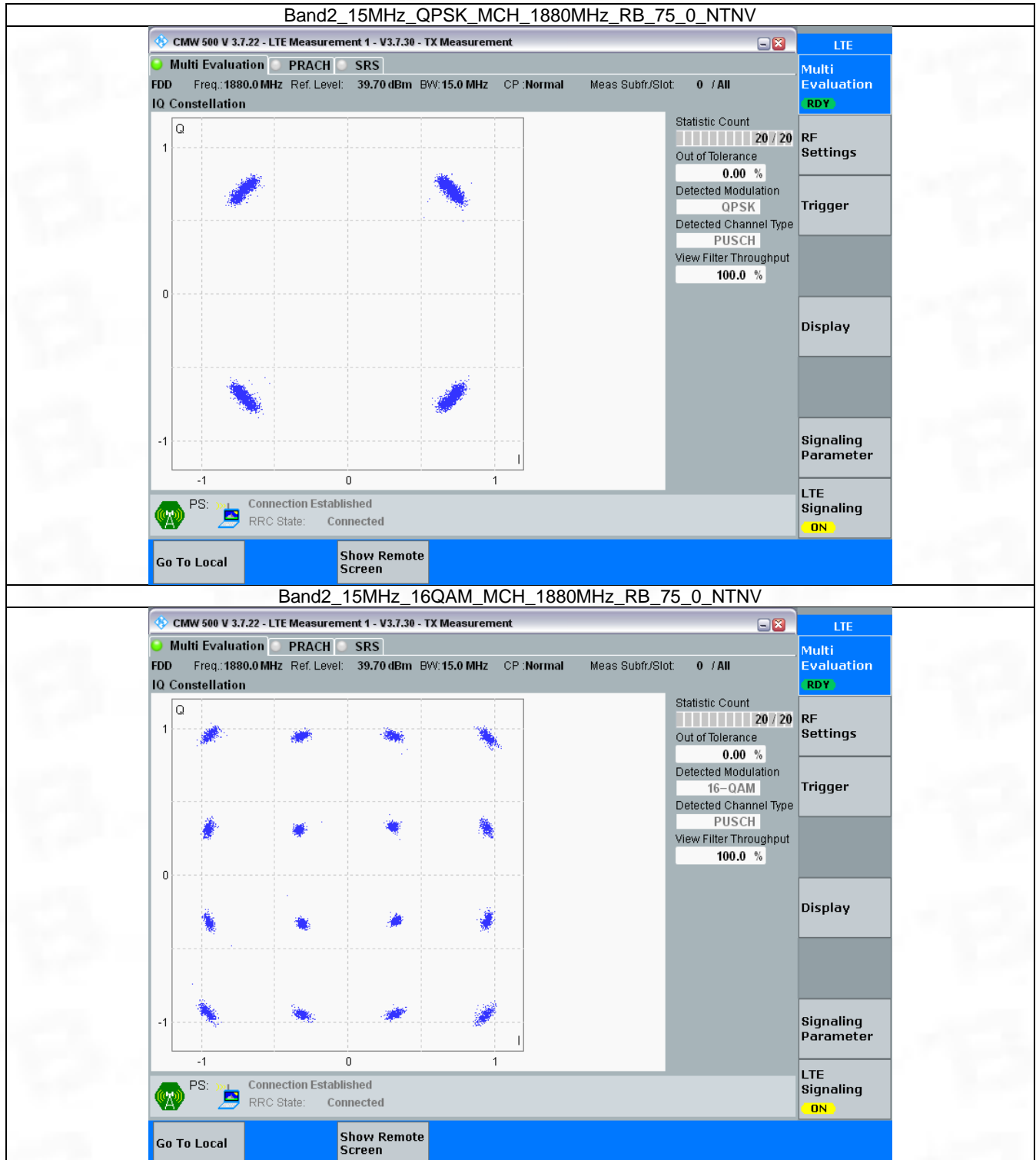


3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN						
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

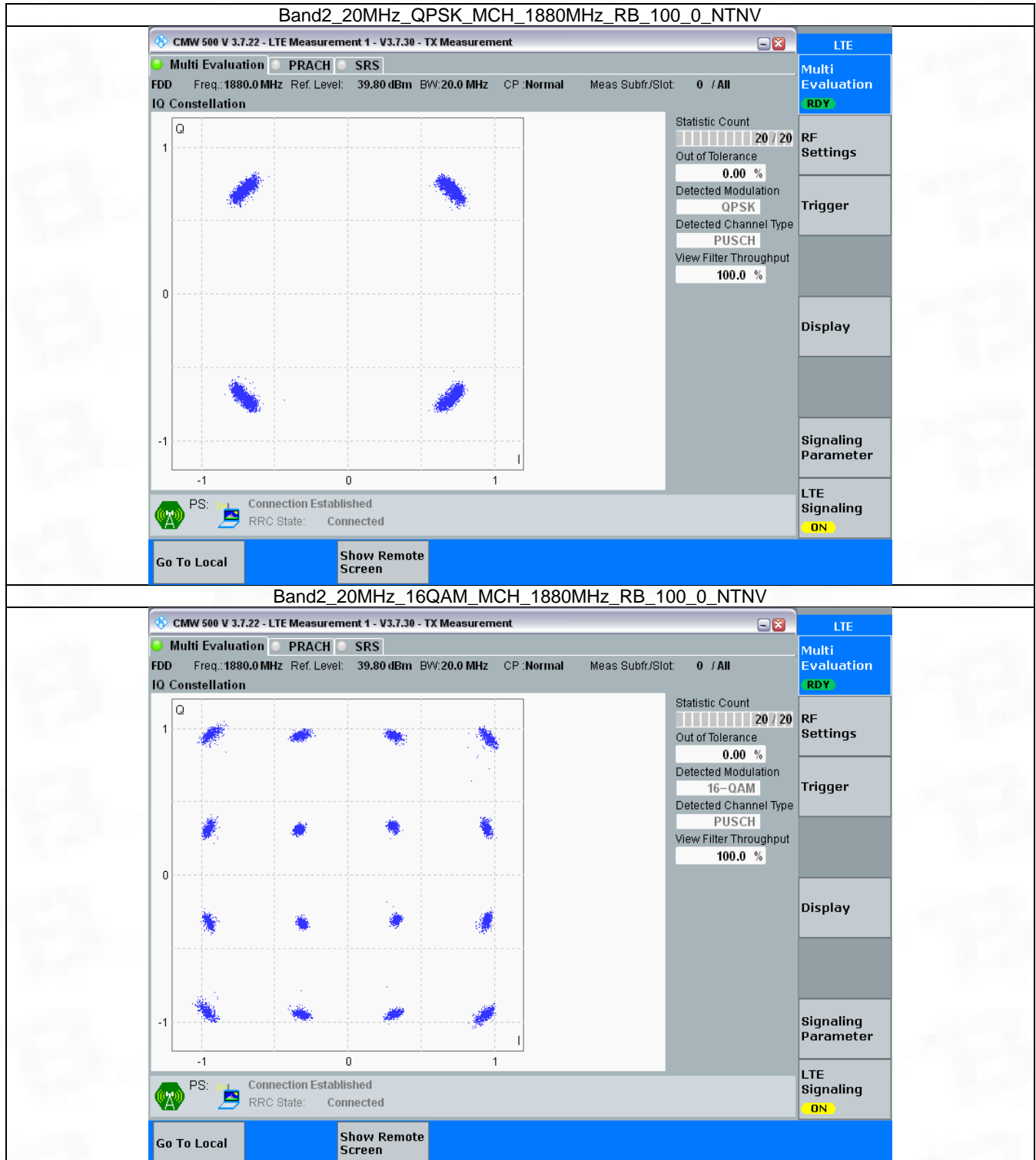


3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTN						
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



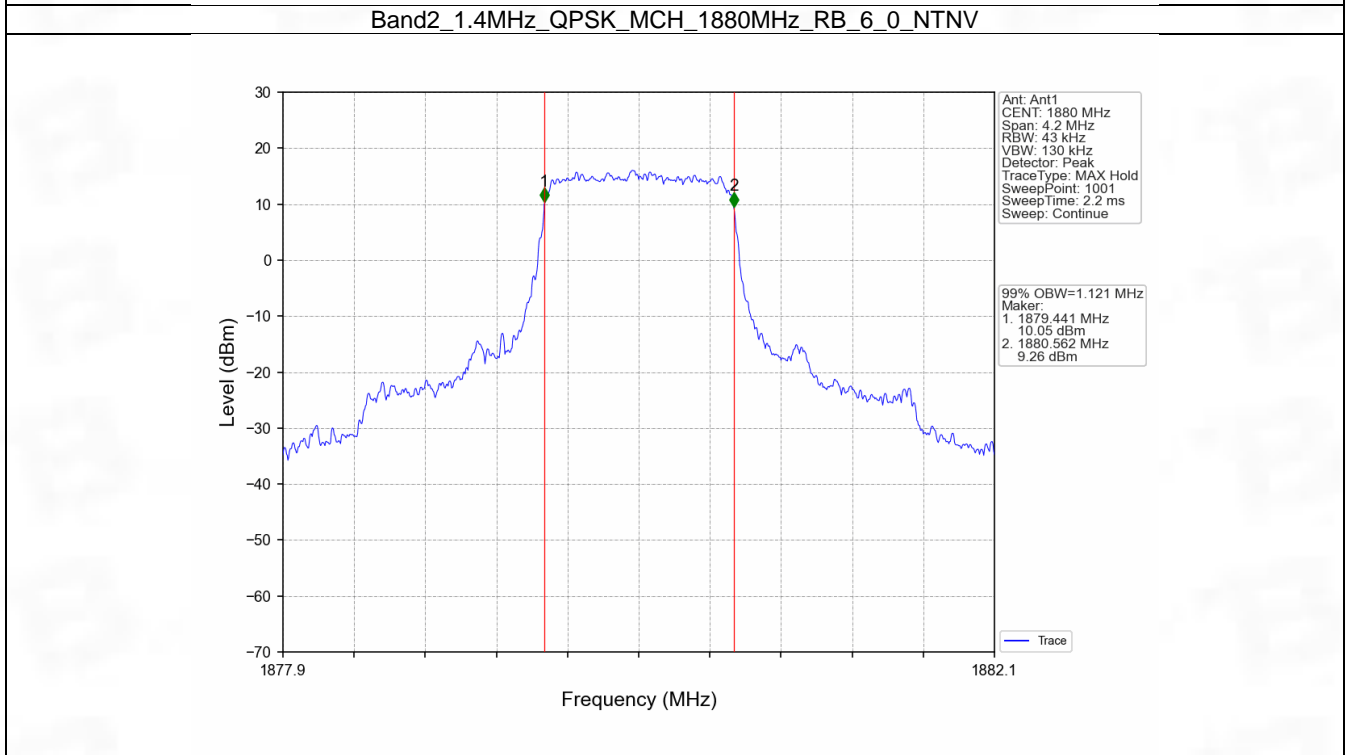
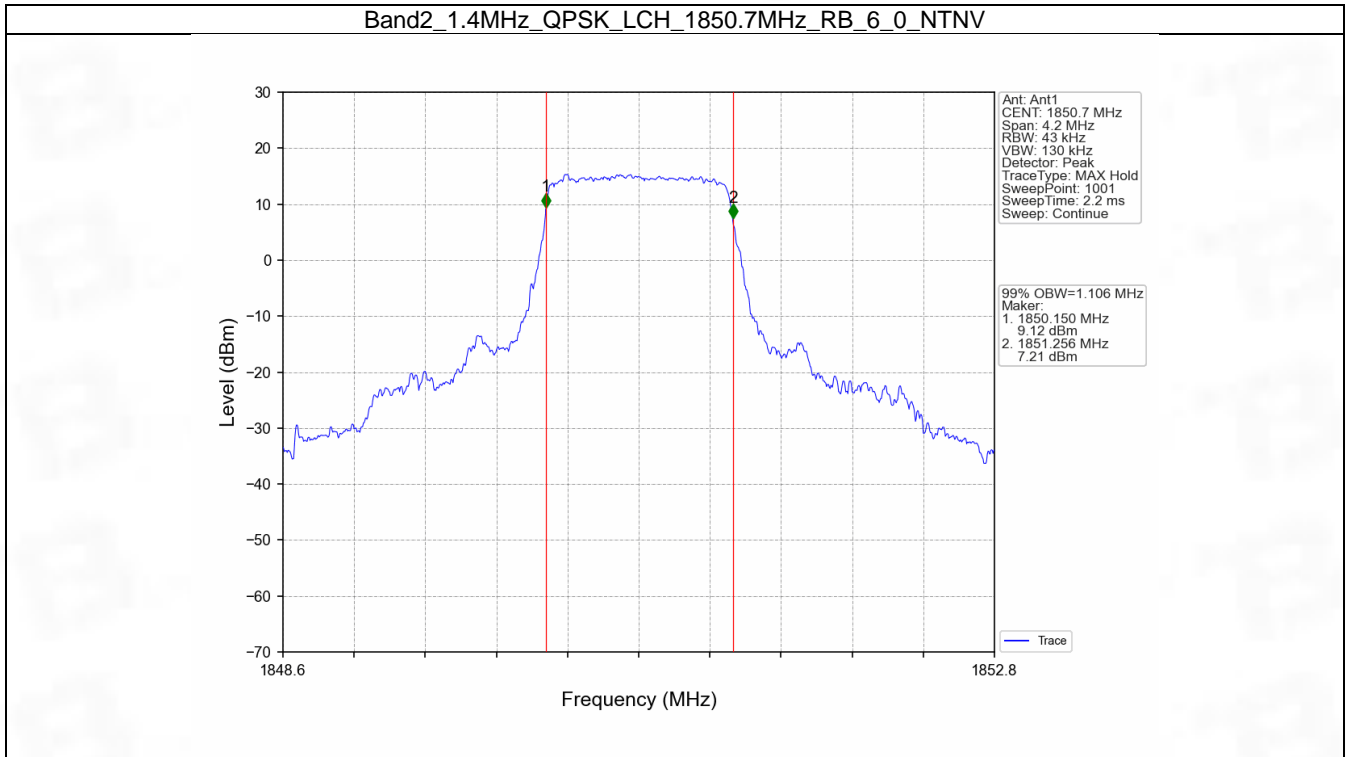
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

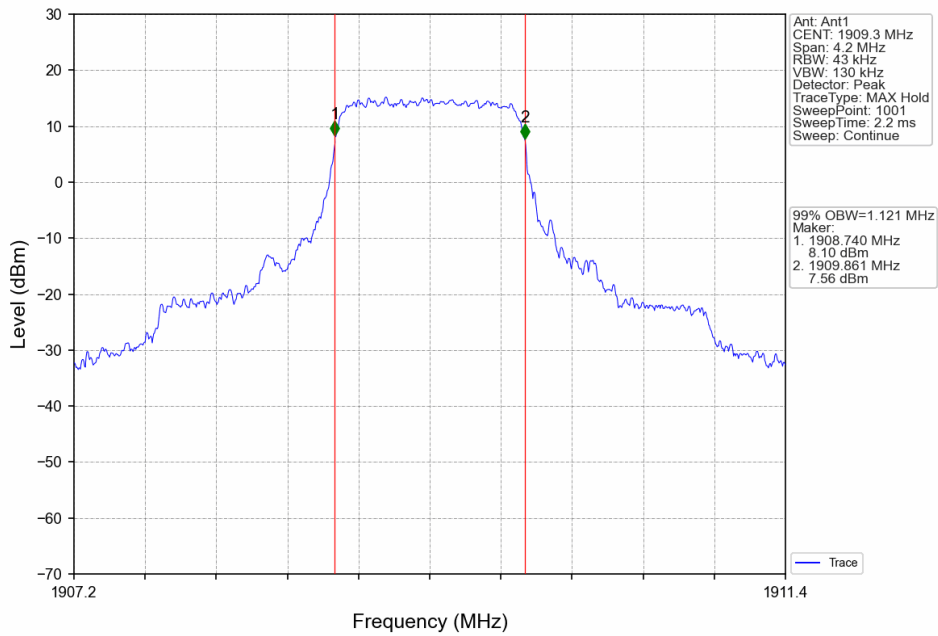
4.1.1 Test Result

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	1.106	Pass
		1880	6	0	1.121	Pass
		1909.3	6	0	1.121	Pass
	16QAM	1850.7	6	0	1.117	Pass
		1880	6	0	1.115	Pass
		1909.3	6	0	1.118	Pass
3	QPSK	1851.5	15	0	2.730	Pass
		1880	15	0	2.733	Pass
		1908.5	15	0	2.734	Pass
	16QAM	1851.5	15	0	2.718	Pass
		1880	15	0	2.727	Pass
		1908.5	15	0	2.730	Pass
5	QPSK	1852.5	25	0	4.545	Pass
		1880	25	0	4.544	Pass
		1907.5	25	0	4.550	Pass
	16QAM	1852.5	25	0	4.537	Pass
		1880	25	0	4.539	Pass
		1907.5	25	0	4.525	Pass
10	QPSK	1855	50	0	9.089	Pass
		1880	50	0	9.039	Pass
		1905	50	0	9.054	Pass
	16QAM	1855	50	0	9.076	Pass
		1880	50	0	9.062	Pass
		1905	50	0	9.055	Pass
15	QPSK	1857.5	75	0	13.650	Pass
		1880	75	0	13.542	Pass
		1902.5	75	0	13.534	Pass
	16QAM	1857.5	75	0	13.629	Pass
		1880	75	0	13.560	Pass
		1902.5	75	0	13.532	Pass
20	QPSK	1860	100	0	18.187	Pass
		1880	100	0	18.152	Pass
		1900	100	0	18.000	Pass
	16QAM	1860	100	0	18.213	Pass
		1880	100	0	18.061	Pass
		1900	100	0	17.980	Pass

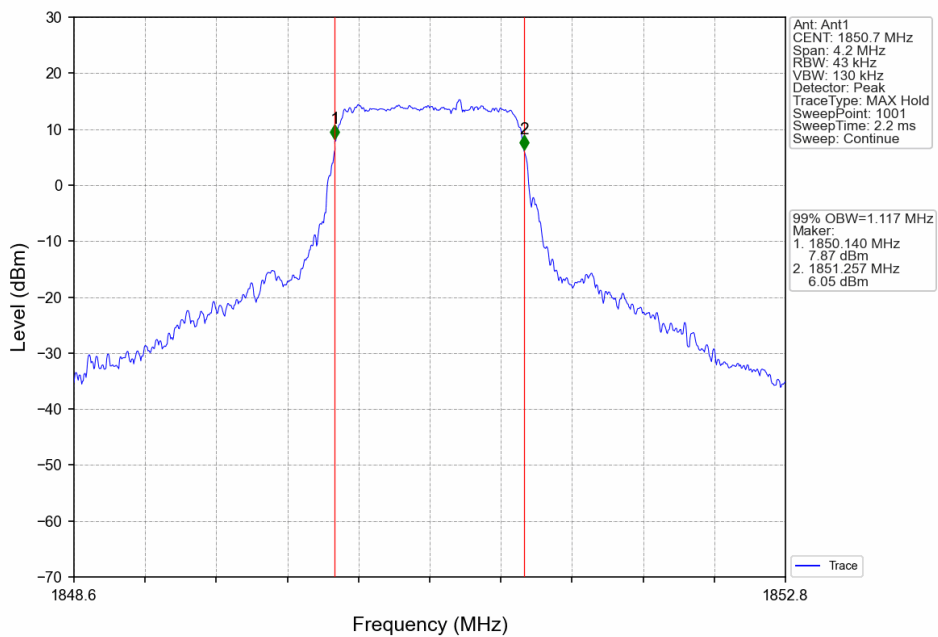
4.1.2 Test Graph



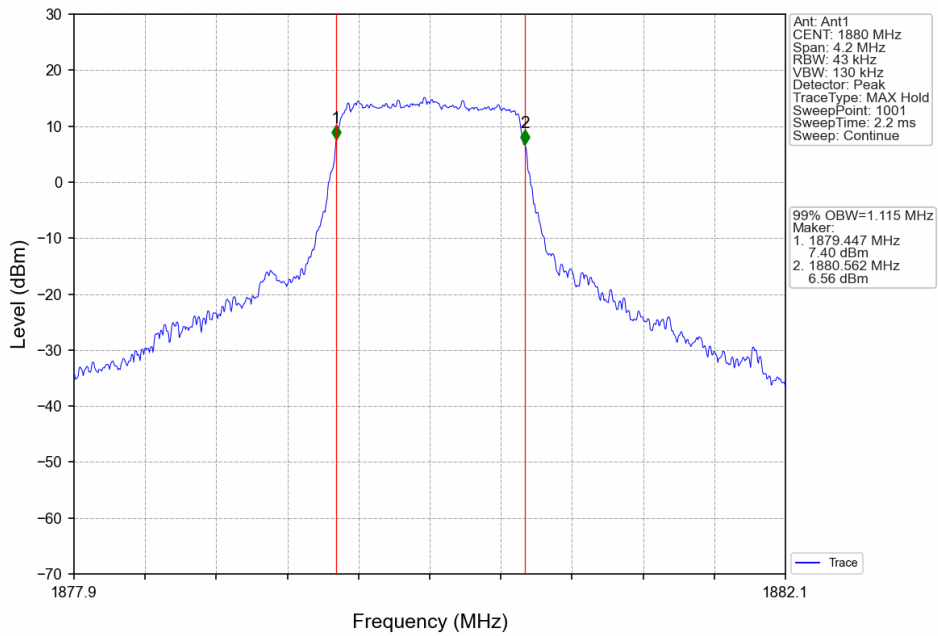
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



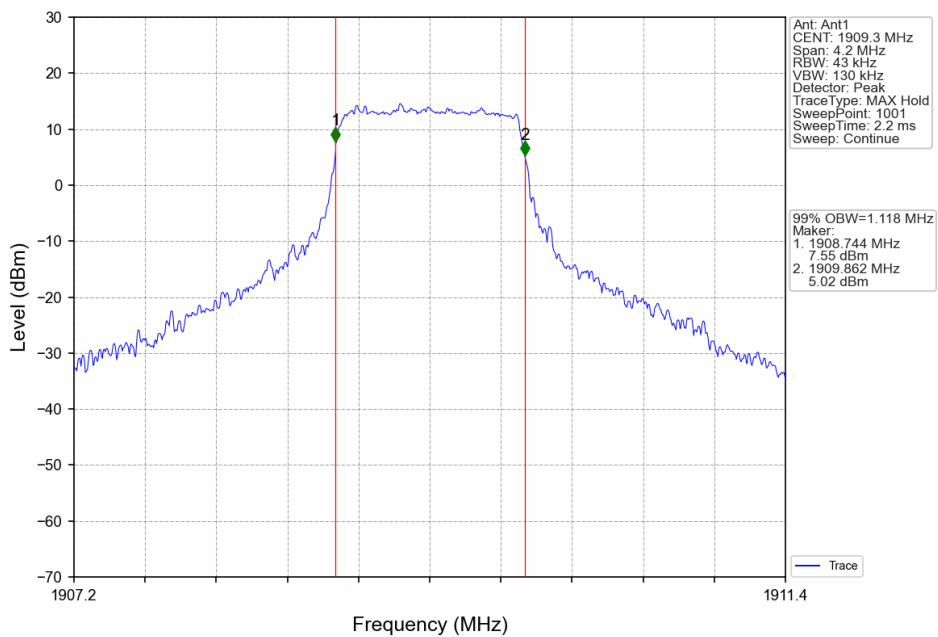
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



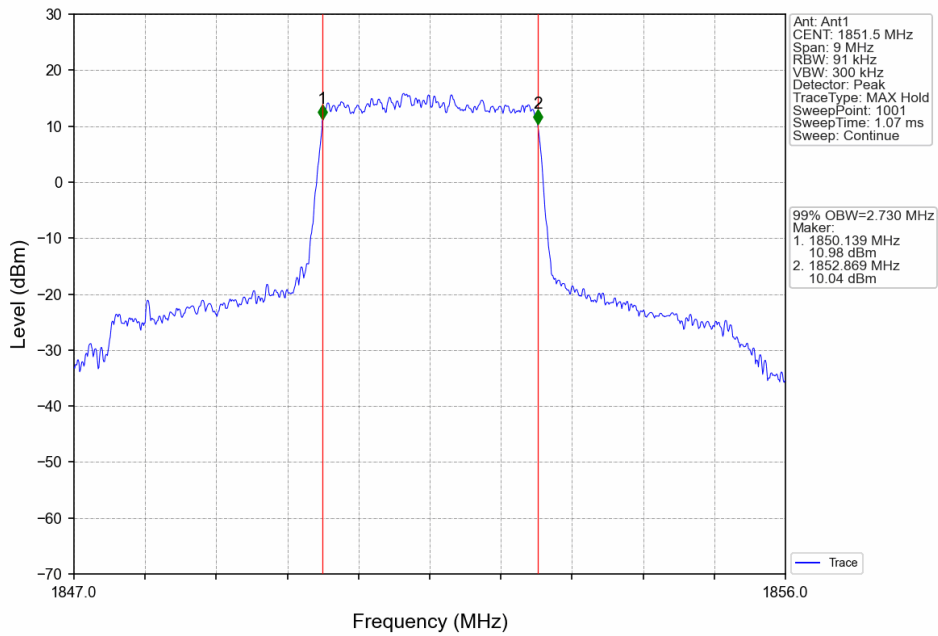
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



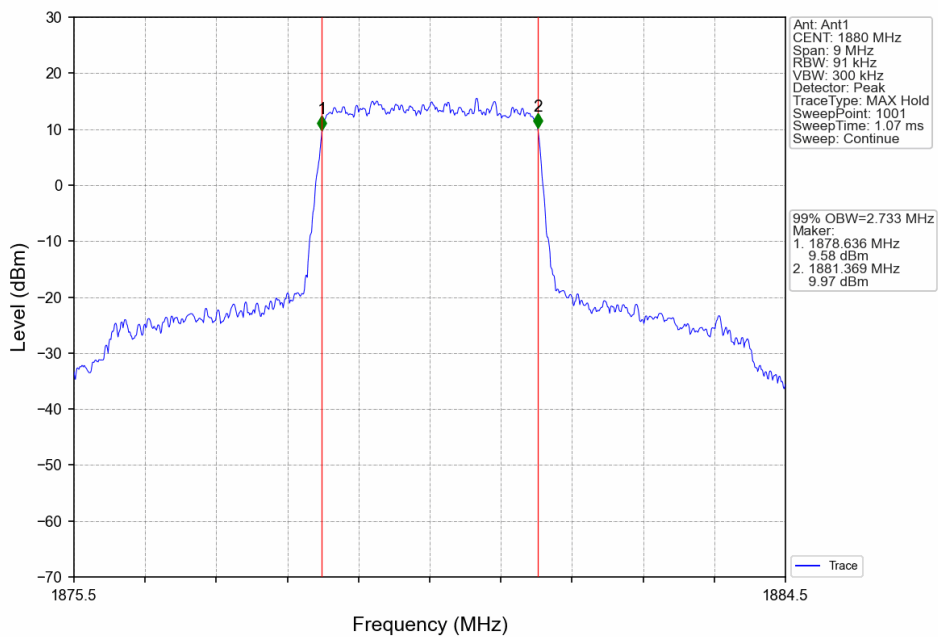
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



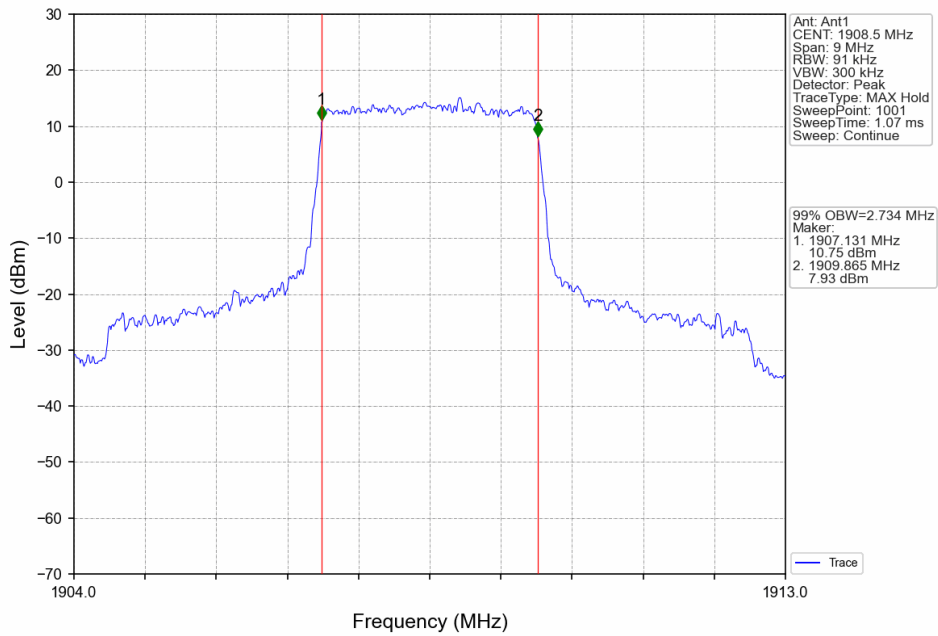
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



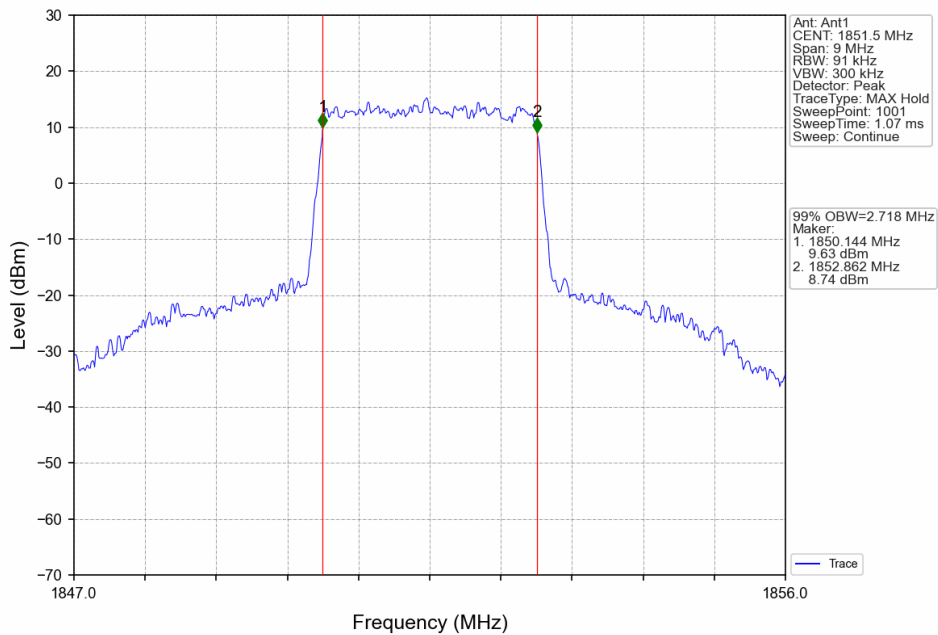
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



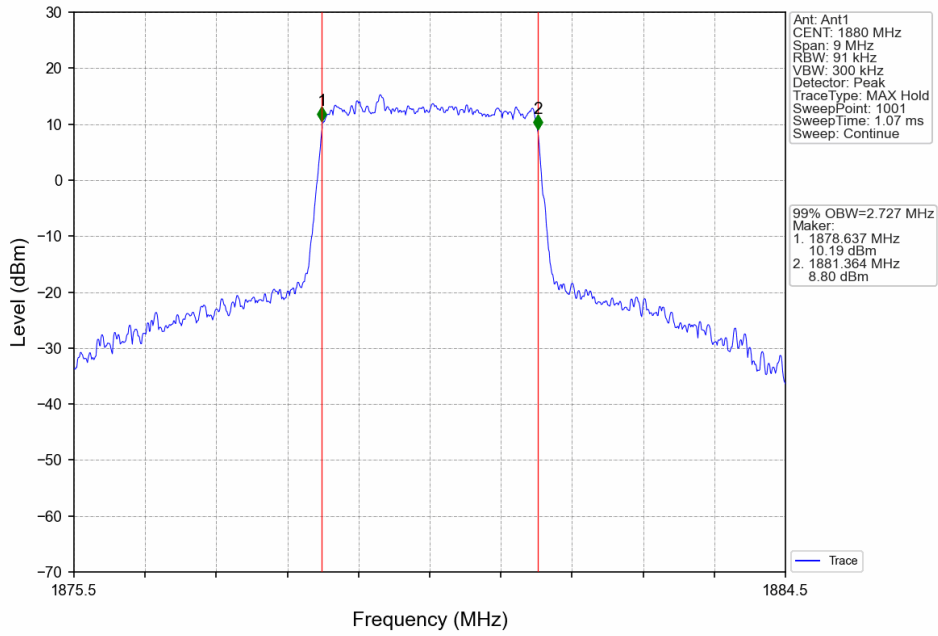
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



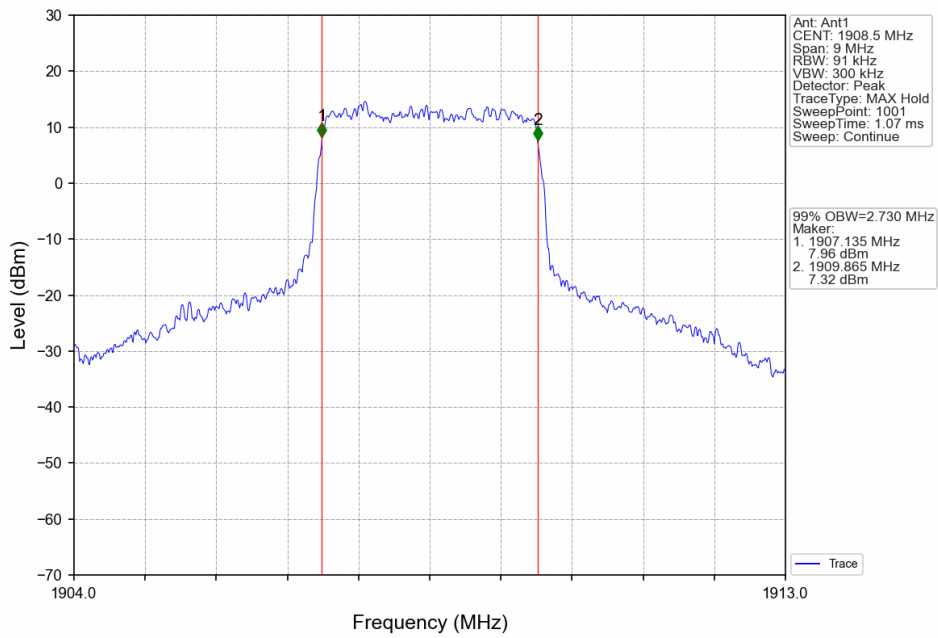
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



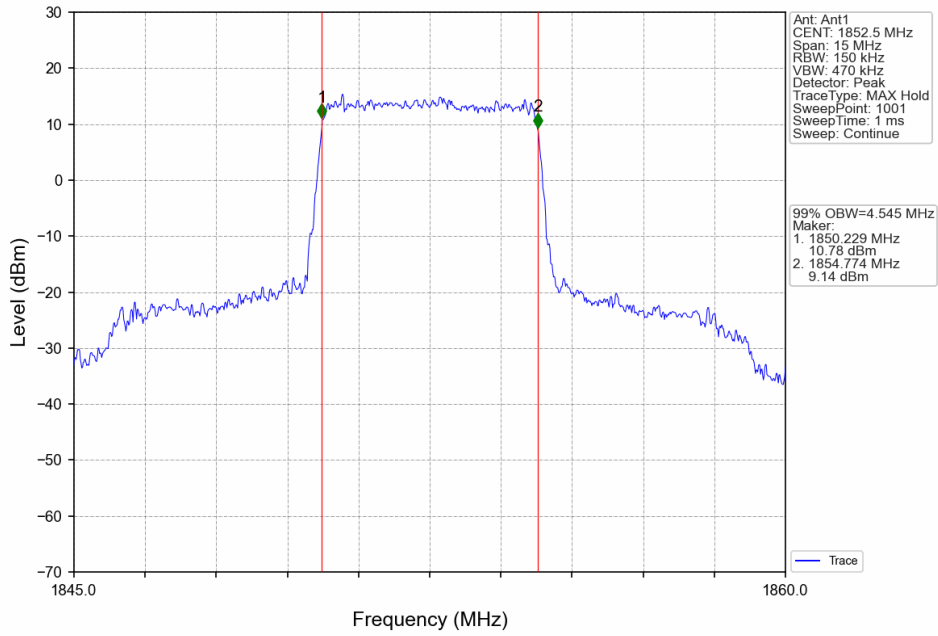
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



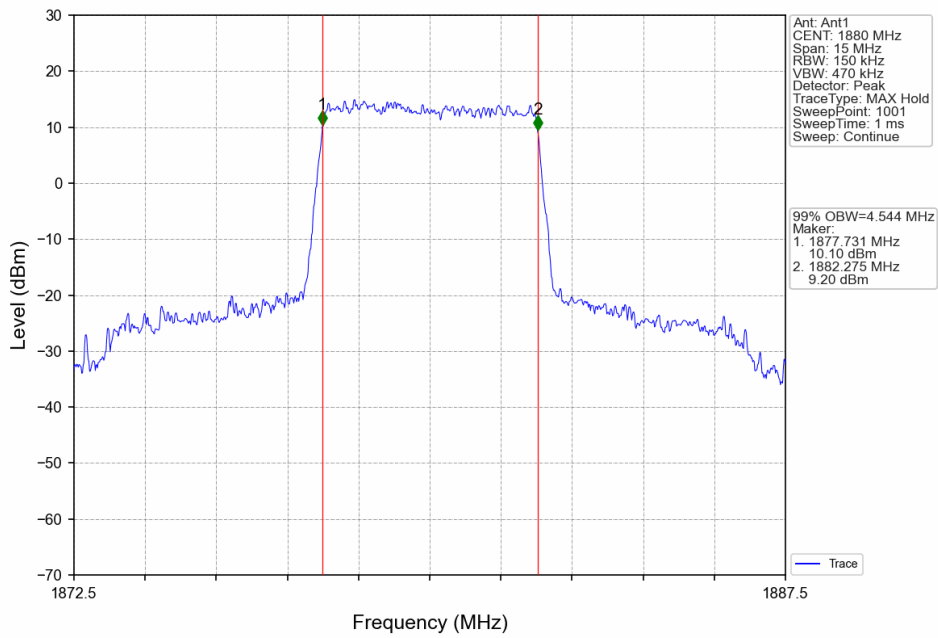
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



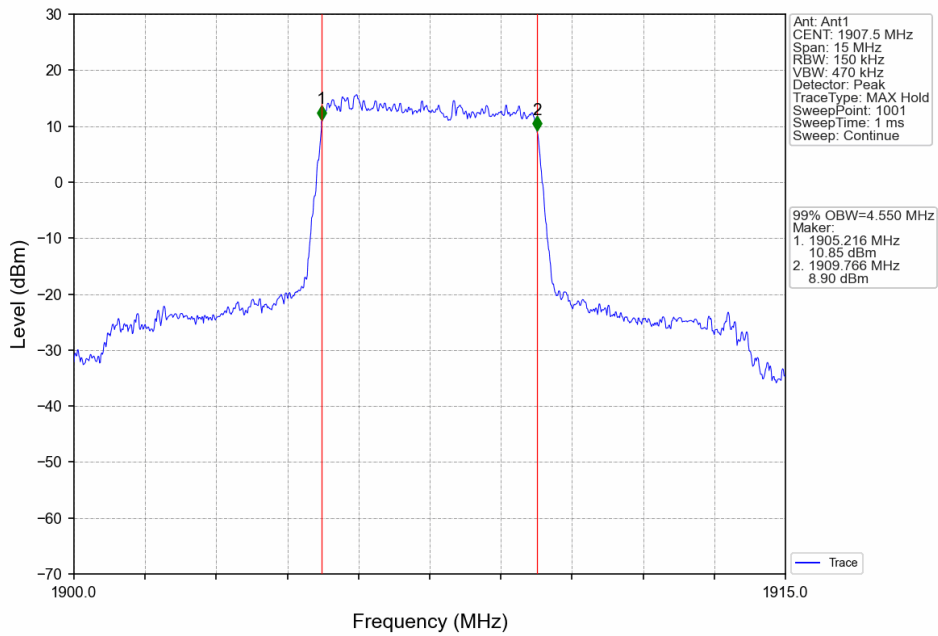
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



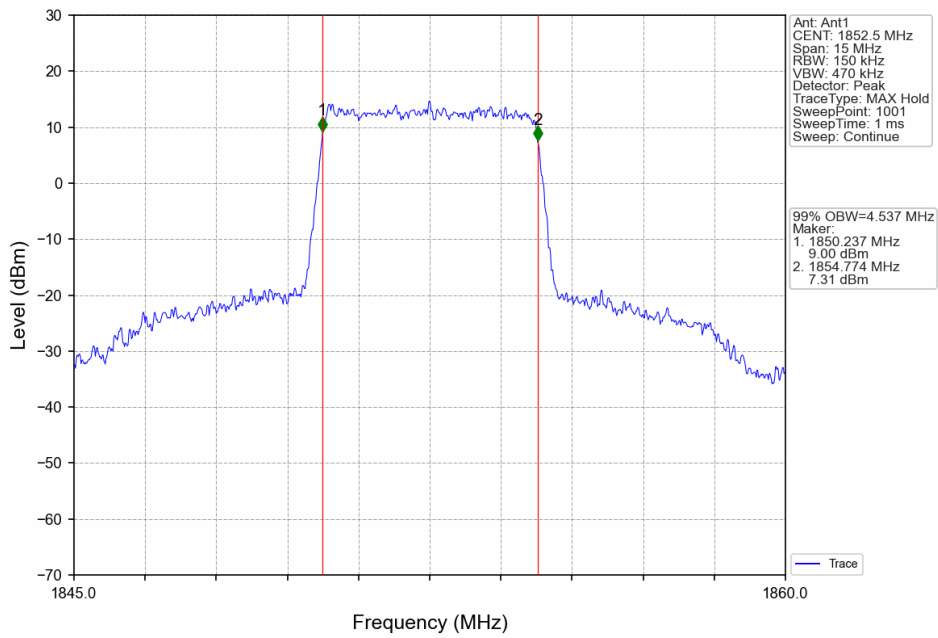
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



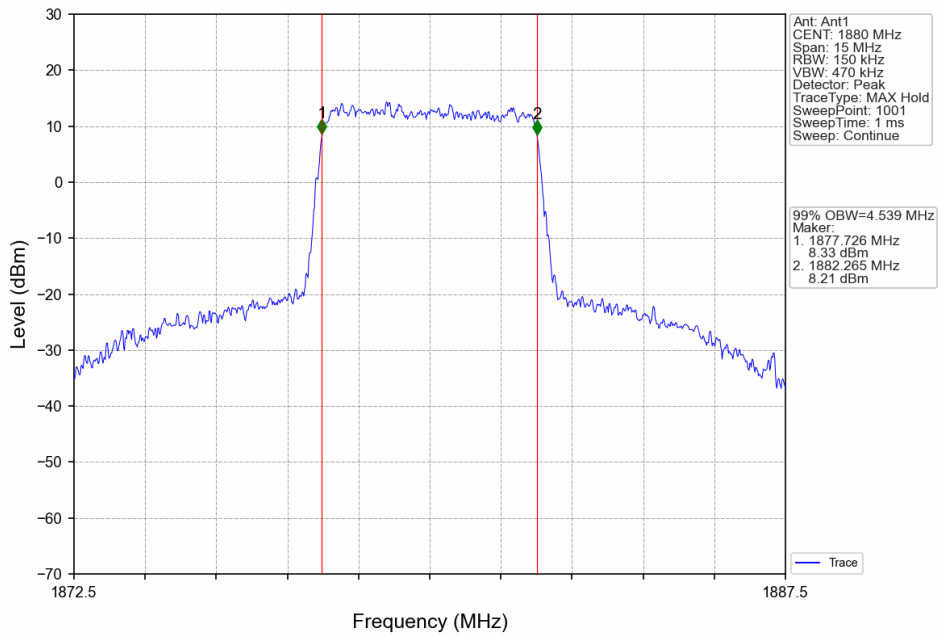
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



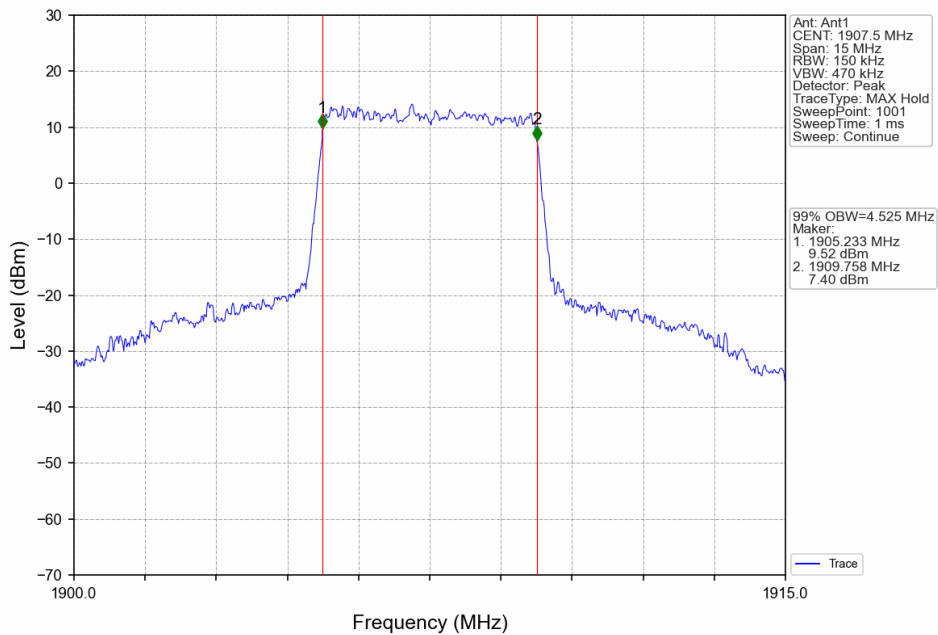
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



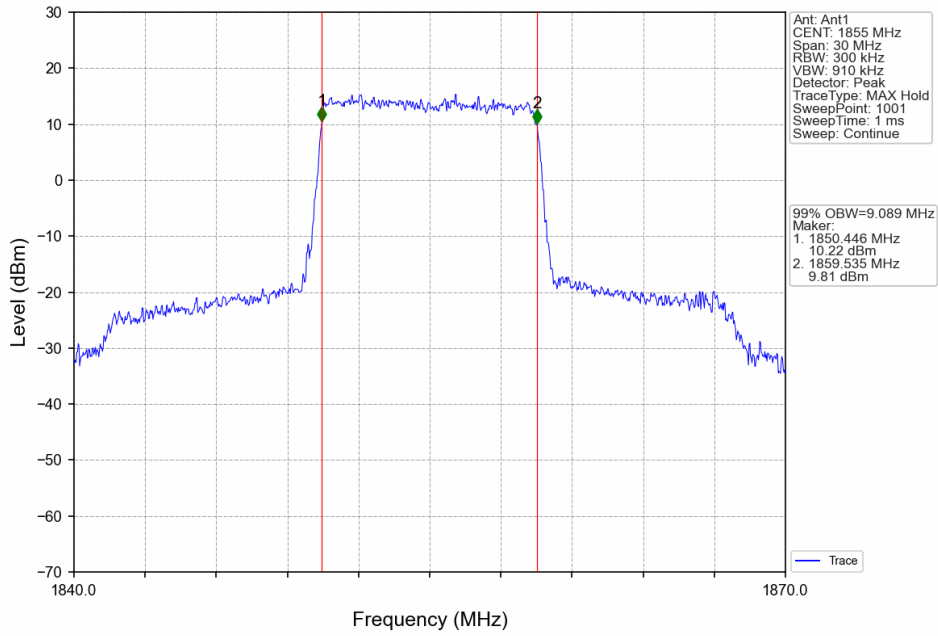
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



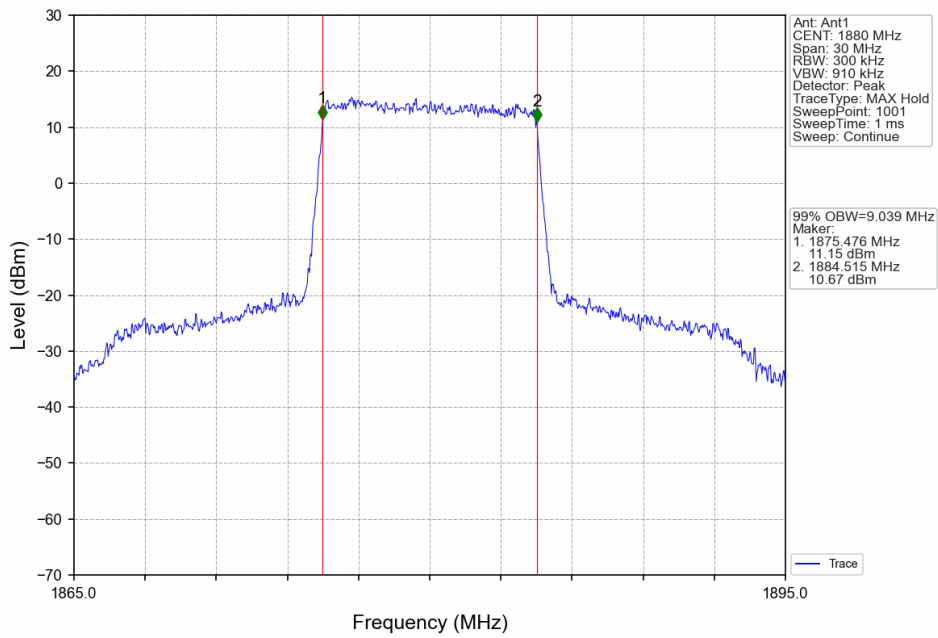
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



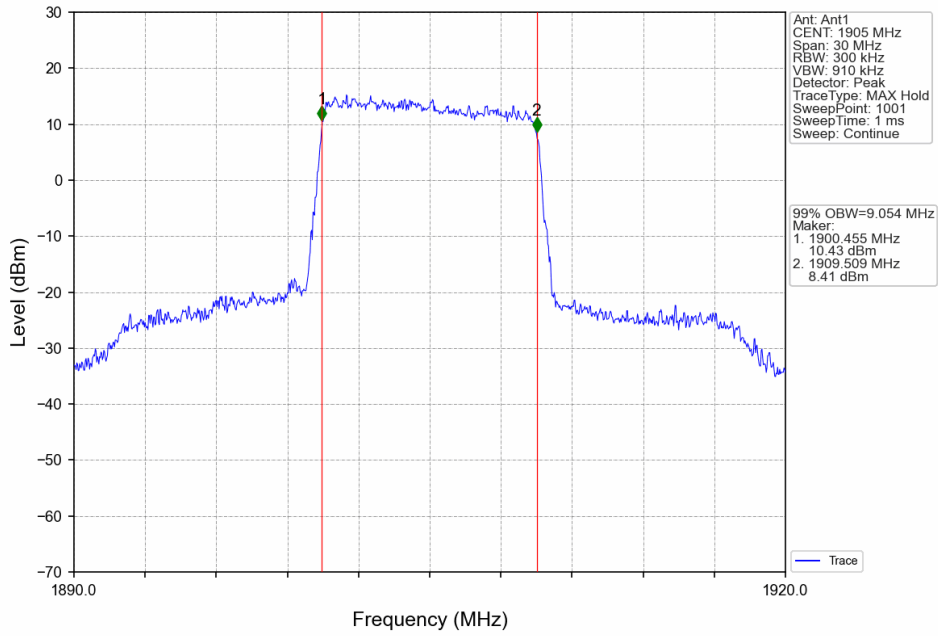
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



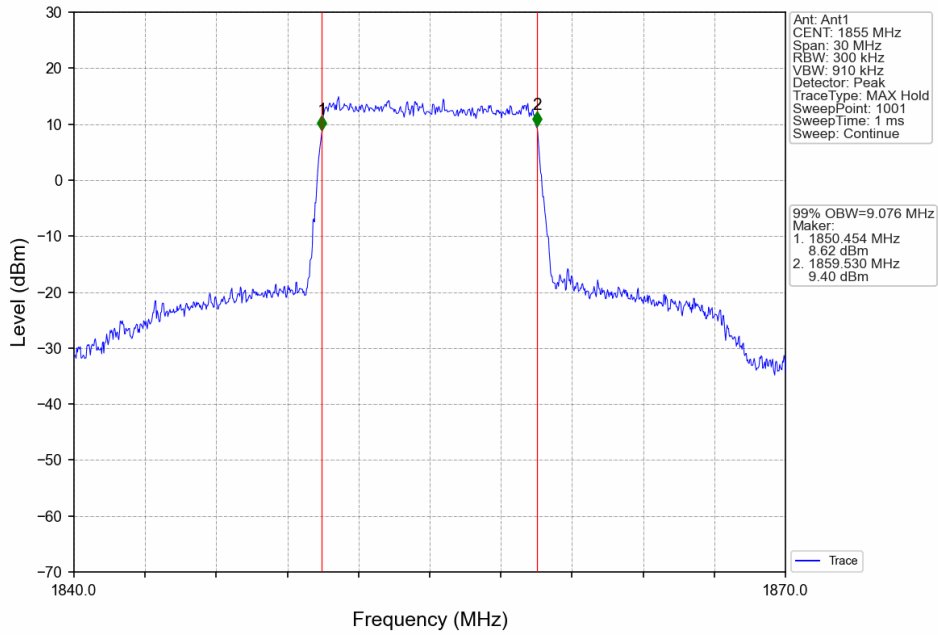
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



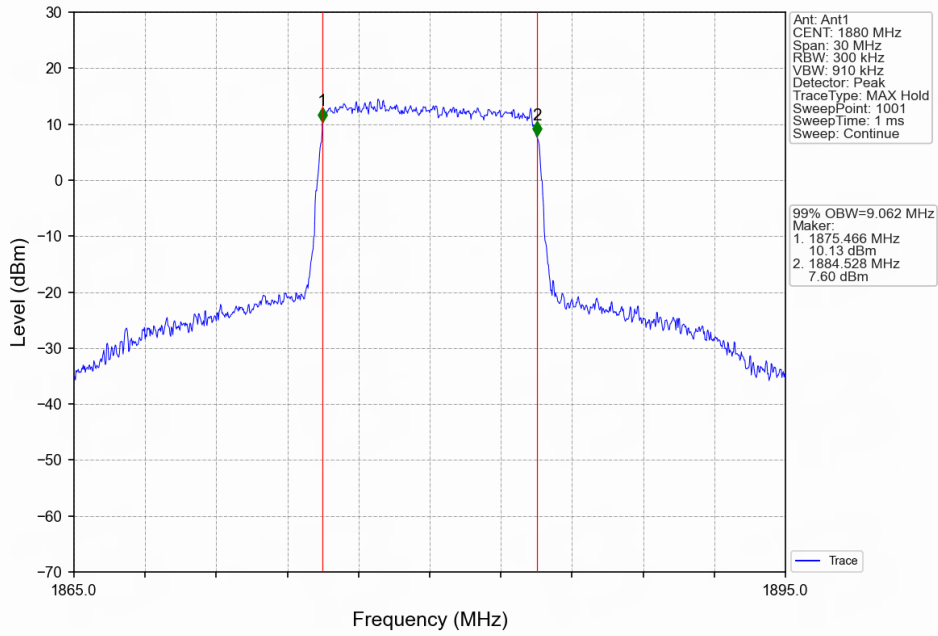
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



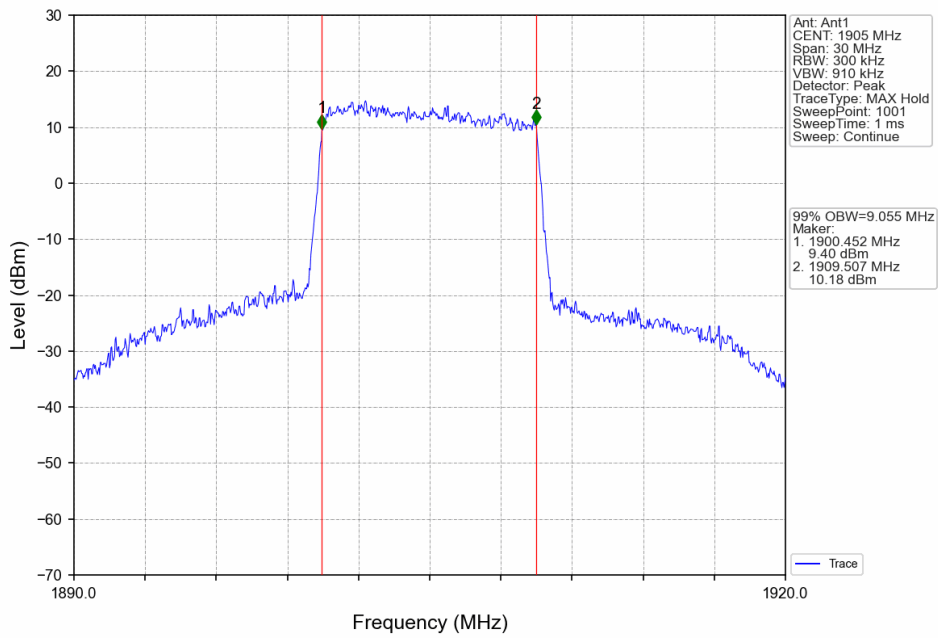
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



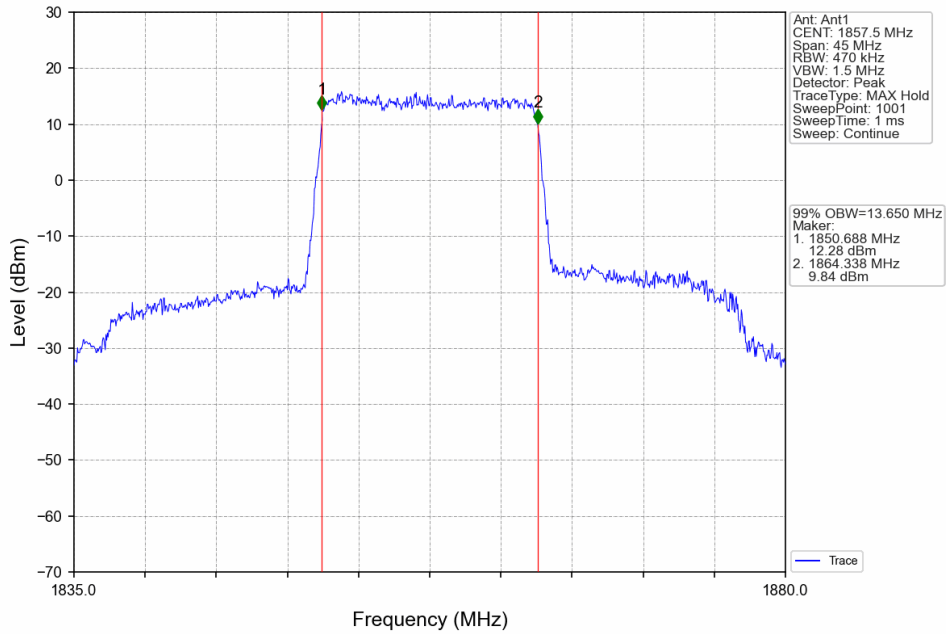
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



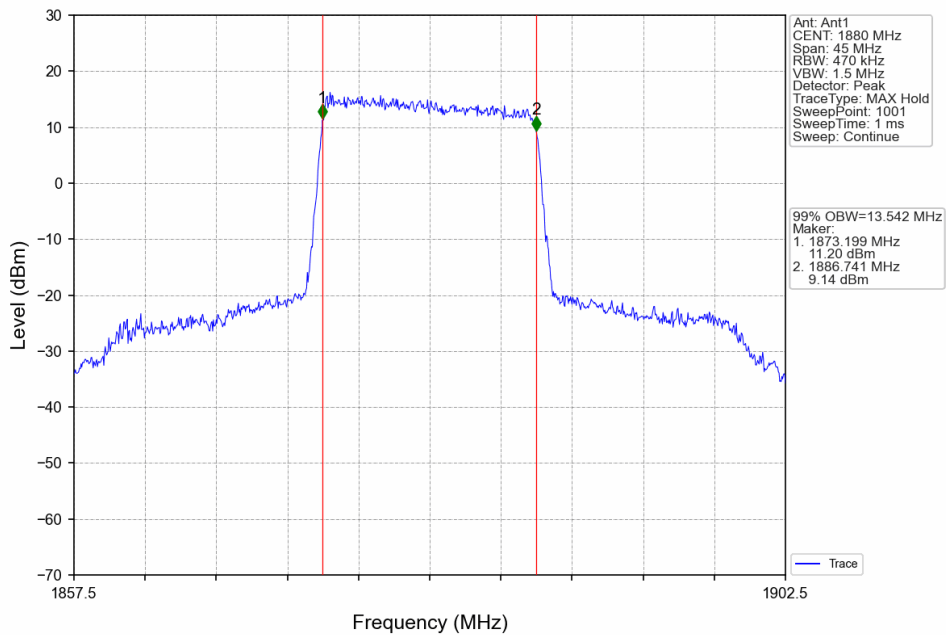
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



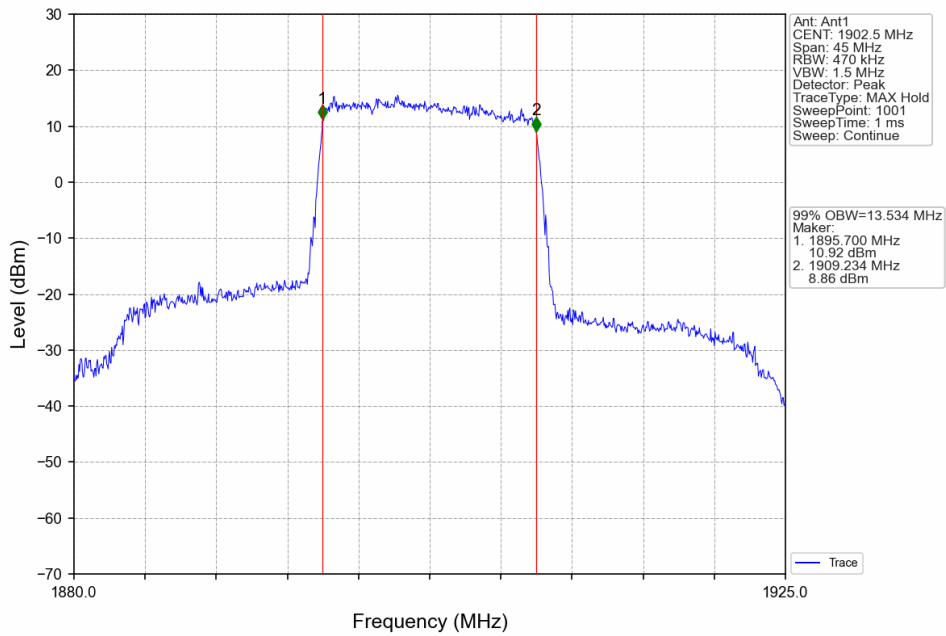
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



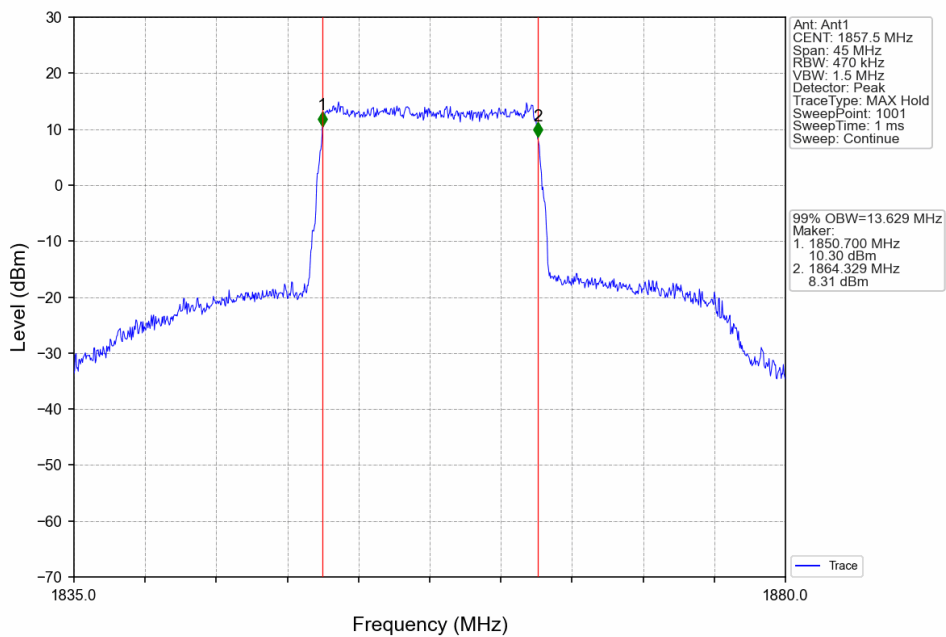
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



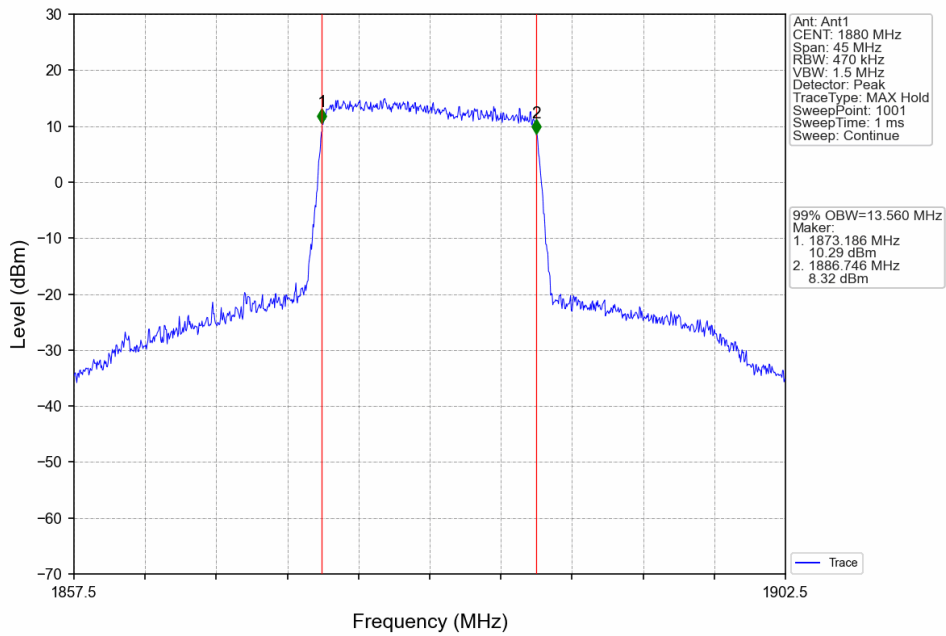
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



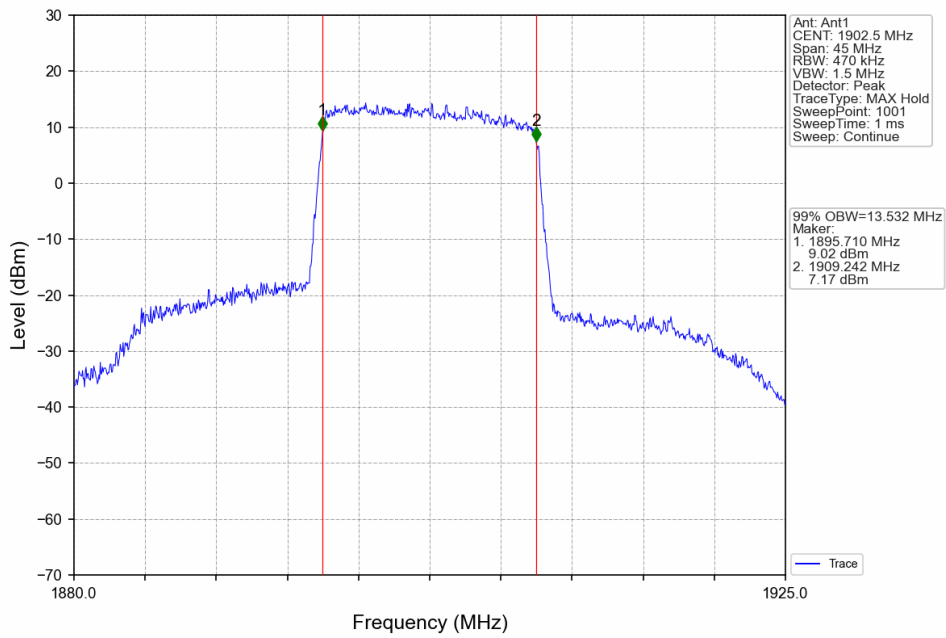
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



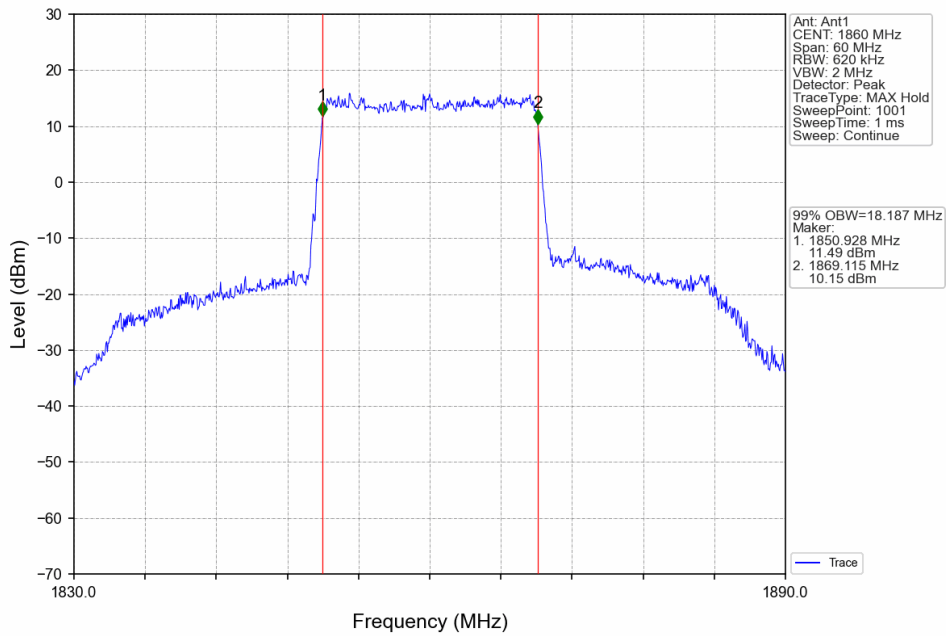
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



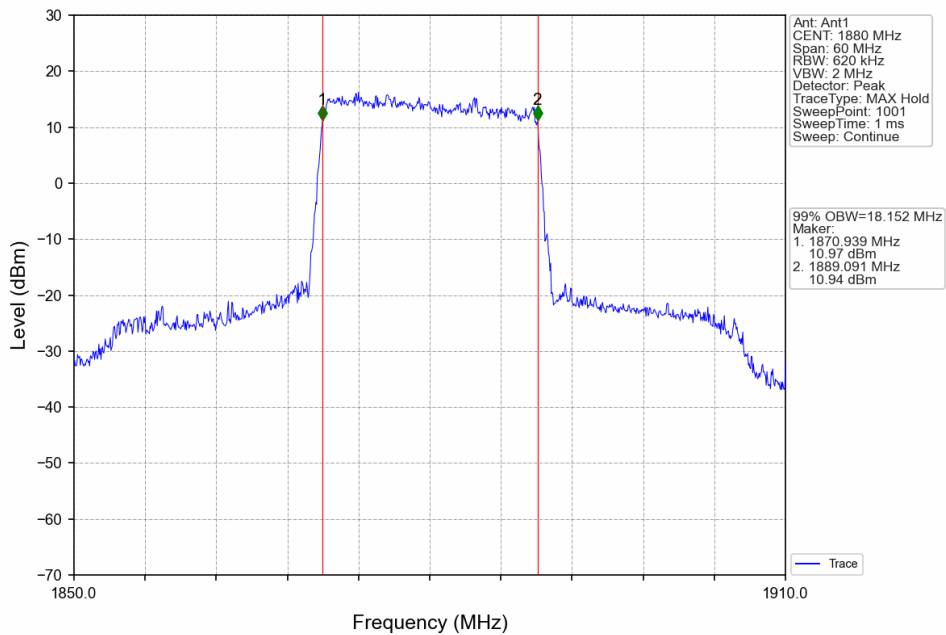
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



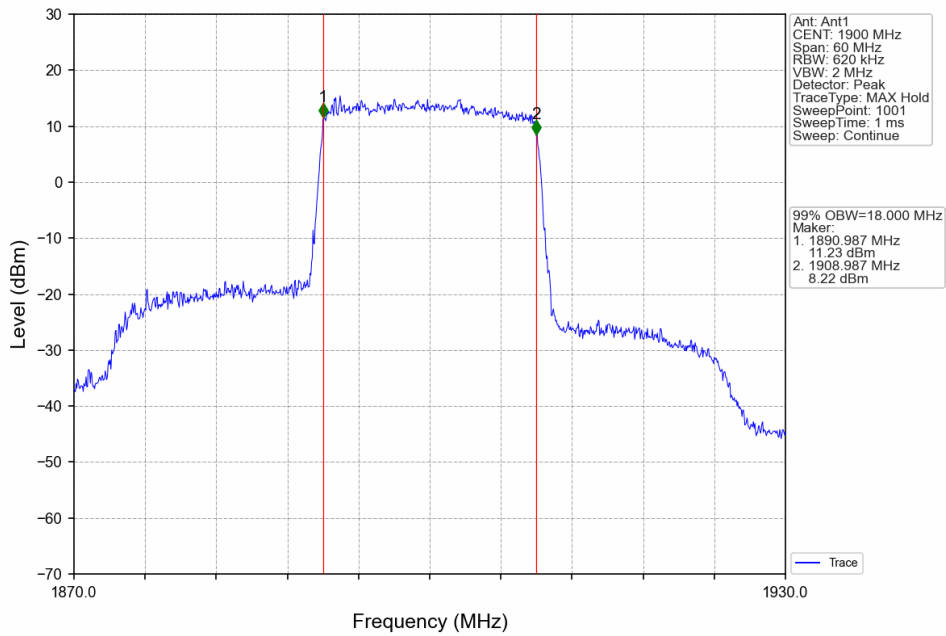
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



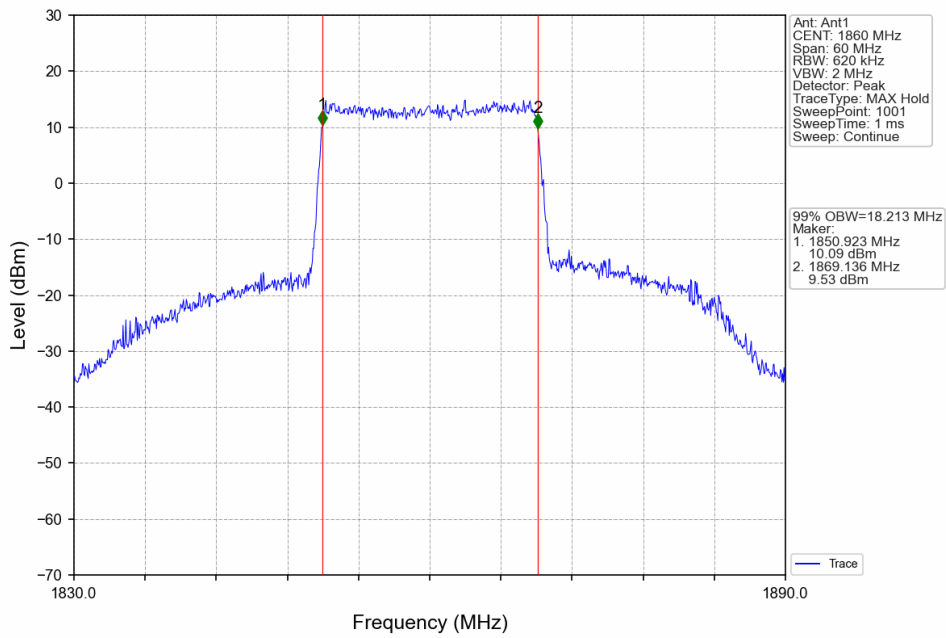
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



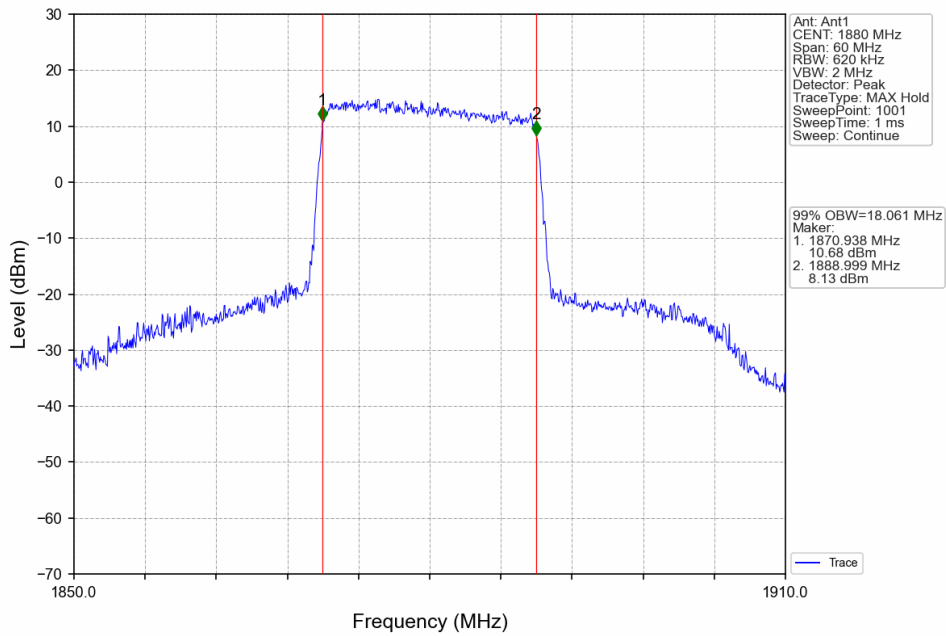
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



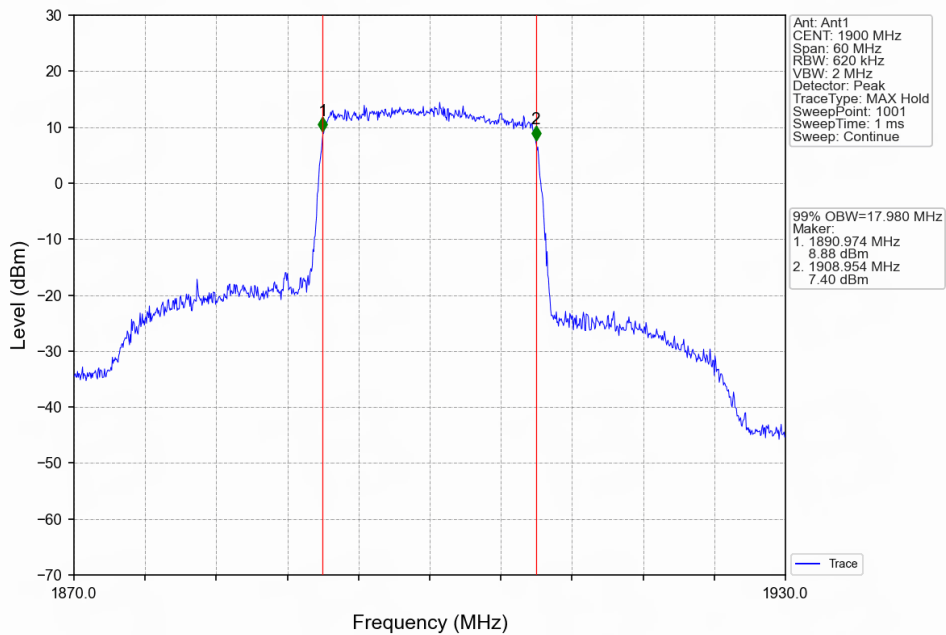
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

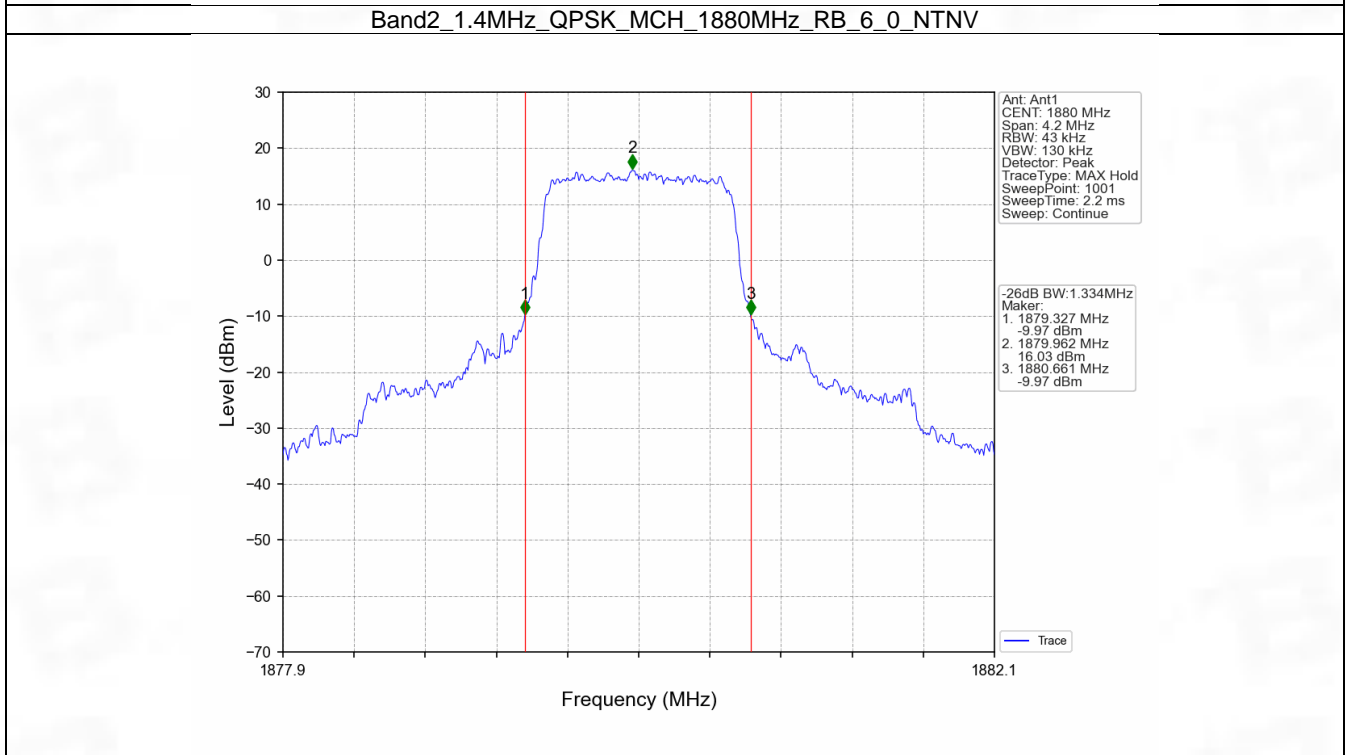
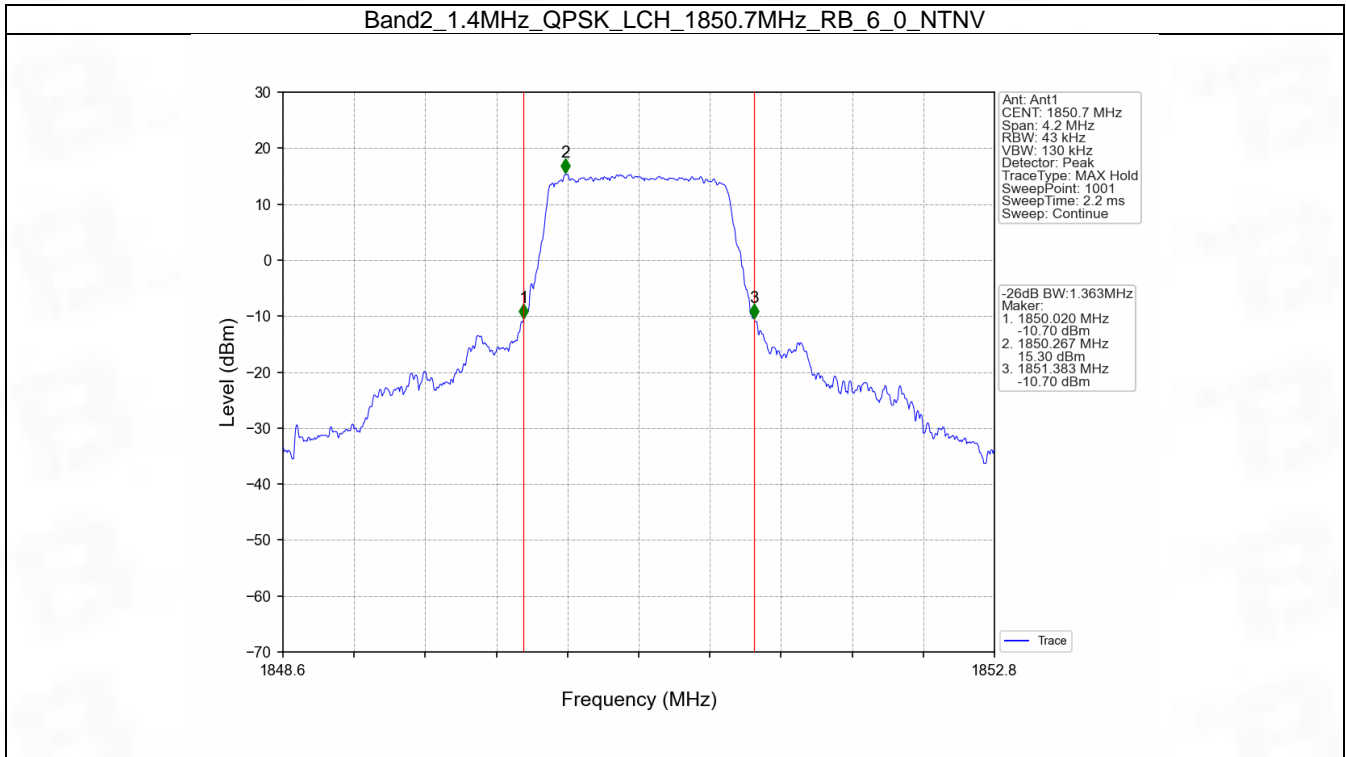


4.2 Band2_XDB

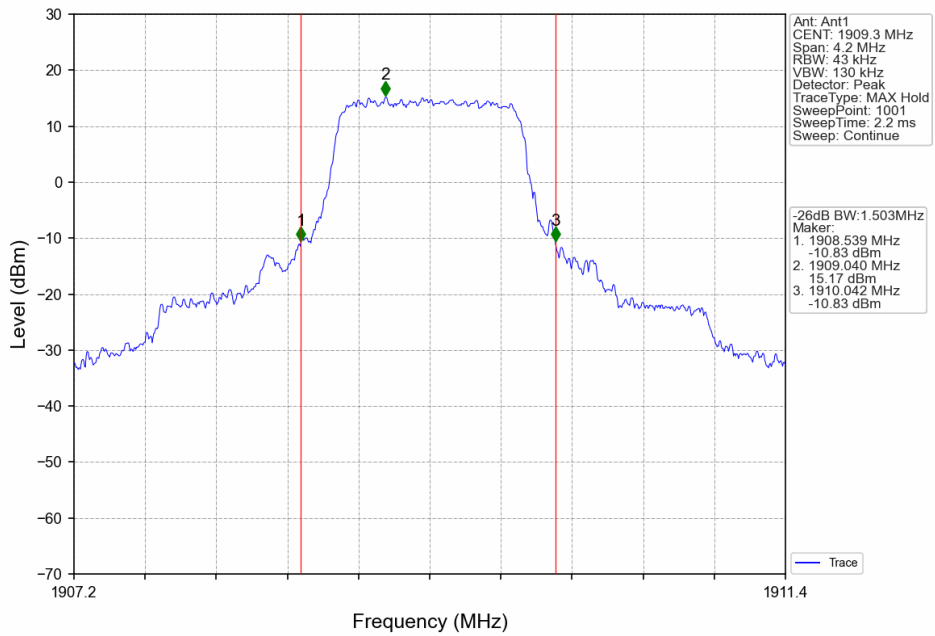
4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.363	Pass
		1880	6	0	1.334	Pass
		1909.3	6	0	1.503	Pass
	16QAM	1850.7	6	0	1.369	Pass
		1880	6	0	1.356	Pass
		1909.3	6	0	1.545	Pass
3	QPSK	1851.5	15	0	3.005	Pass
		1880	15	0	3.031	Pass
		1908.5	15	0	3.019	Pass
	16QAM	1851.5	15	0	2.997	Pass
		1880	15	0	2.994	Pass
		1908.5	15	0	3.012	Pass
5	QPSK	1852.5	25	0	5.012	Pass
		1880	25	0	5.018	Pass
		1907.5	25	0	5.007	Pass
	16QAM	1852.5	25	0	5.030	Pass
		1880	25	0	5.028	Pass
		1907.5	25	0	4.992	Pass
10	QPSK	1855	50	0	9.918	Pass
		1880	50	0	9.899	Pass
		1905	50	0	9.999	Pass
	16QAM	1855	50	0	9.969	Pass
		1880	50	0	9.819	Pass
		1905	50	0	9.885	Pass
15	QPSK	1857.5	75	0	15.001	Pass
		1880	75	0	14.834	Pass
		1902.5	75	0	14.944	Pass
	16QAM	1857.5	75	0	14.917	Pass
		1880	75	0	14.783	Pass
		1902.5	75	0	14.837	Pass
20	QPSK	1860	100	0	19.929	Pass
		1880	100	0	19.762	Pass
		1900	100	0	19.637	Pass
	16QAM	1860	100	0	19.722	Pass
		1880	100	0	19.609	Pass
		1900	100	0	19.584	Pass

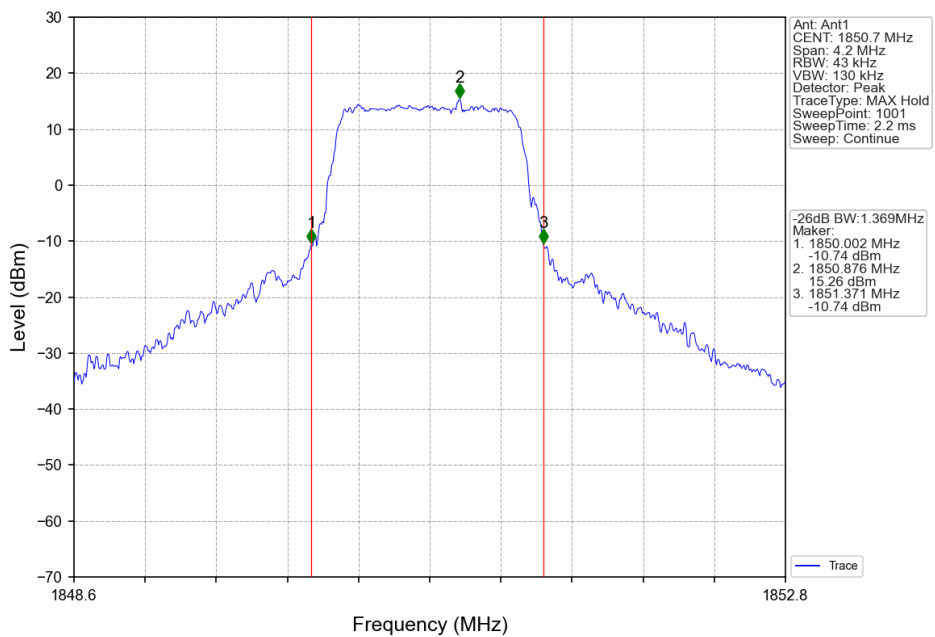
4.2.2 Test Graph



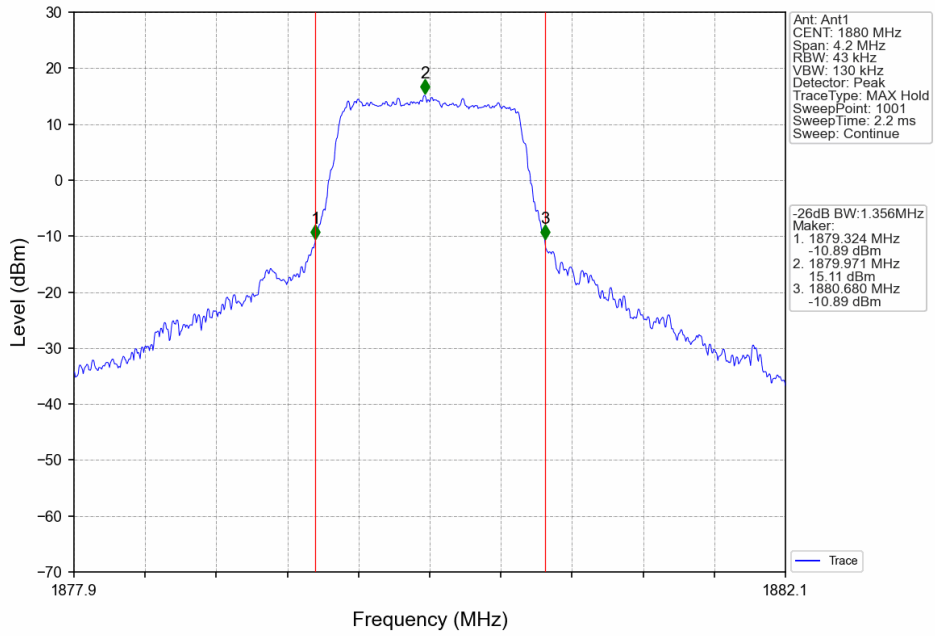
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



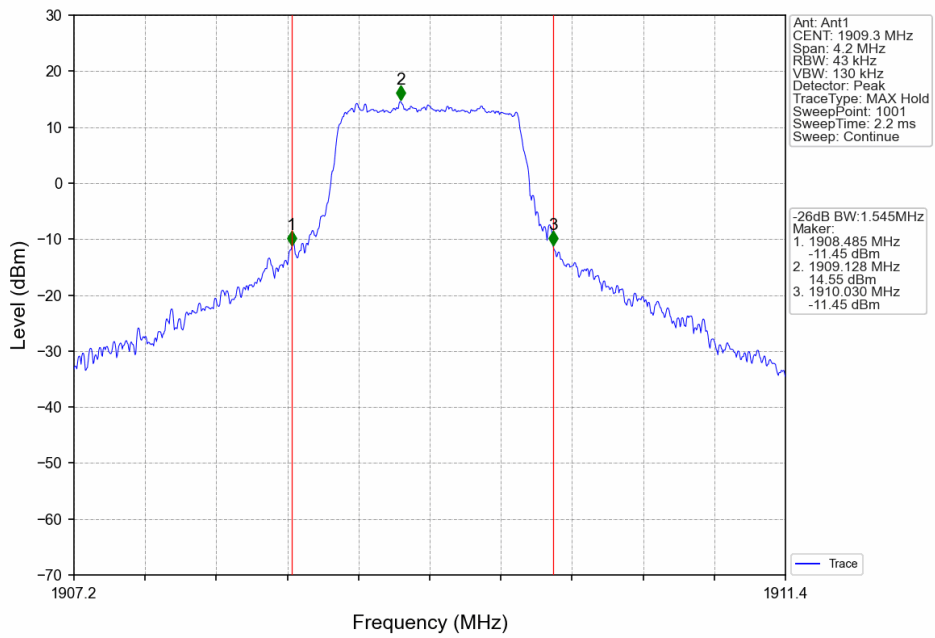
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



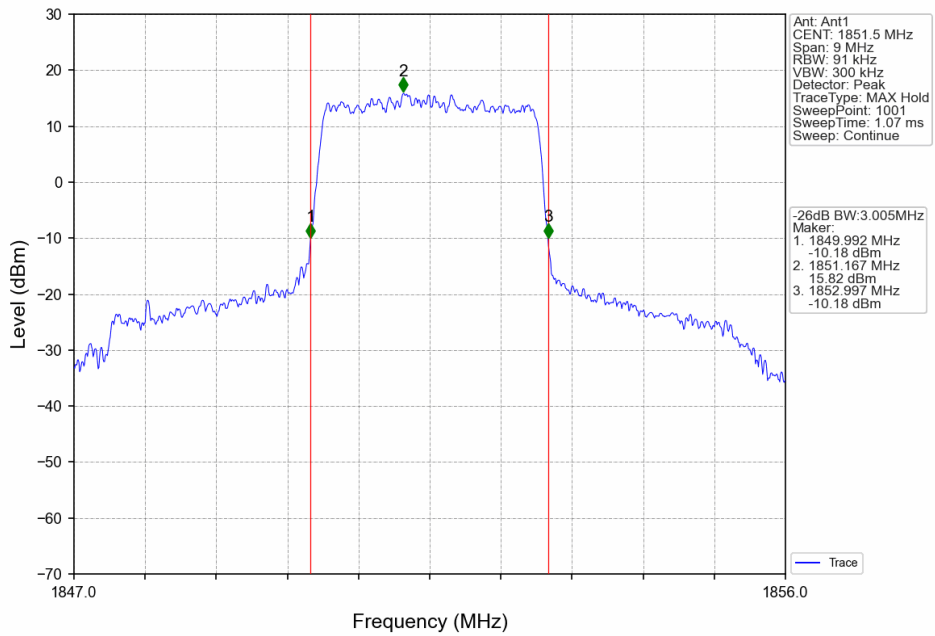
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



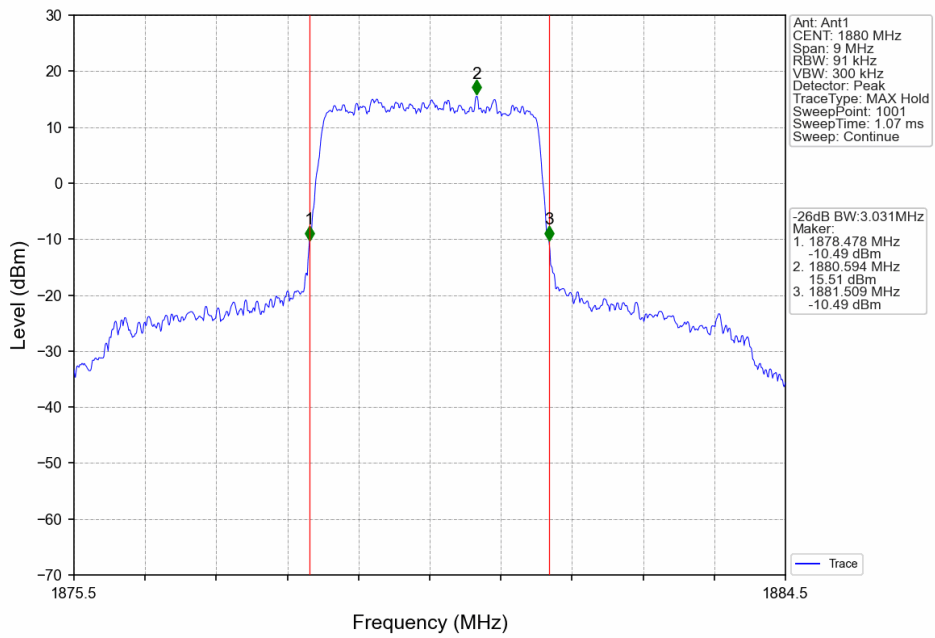
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



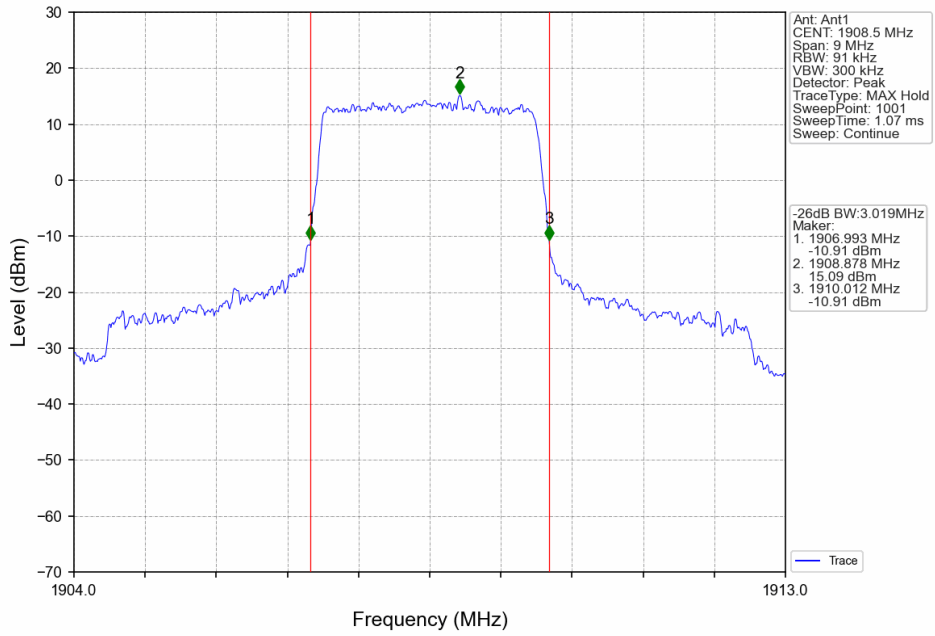
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



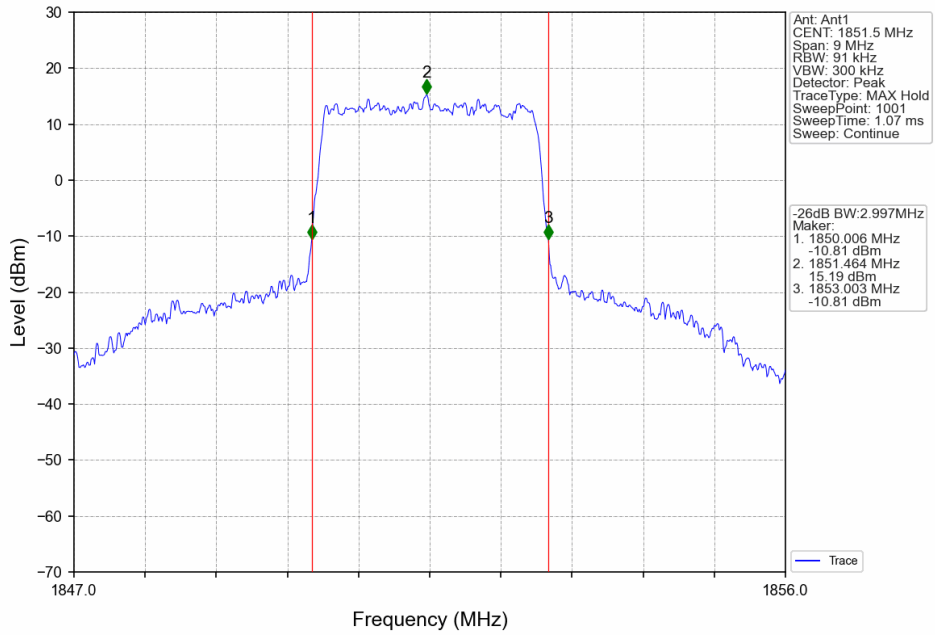
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



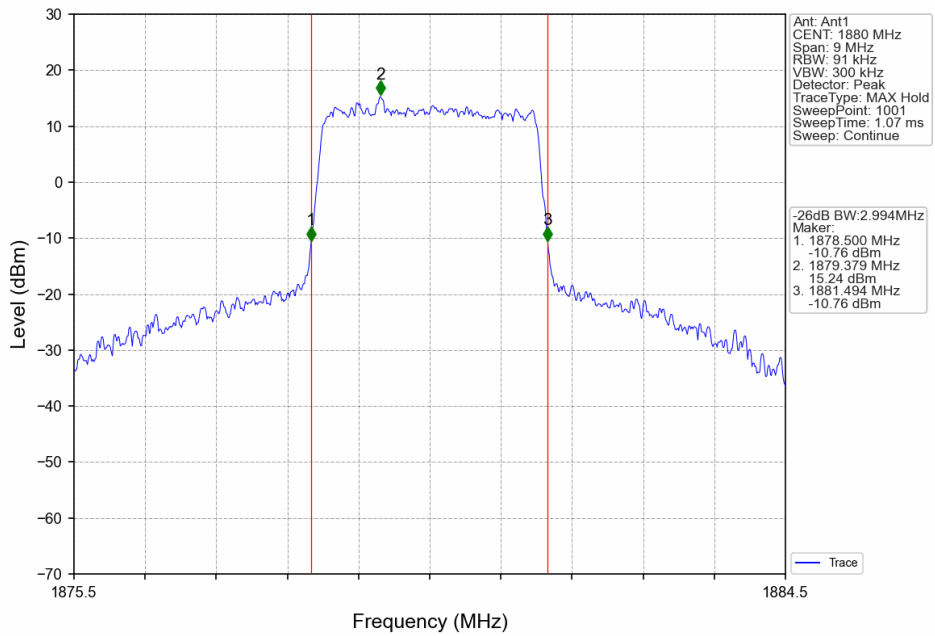
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



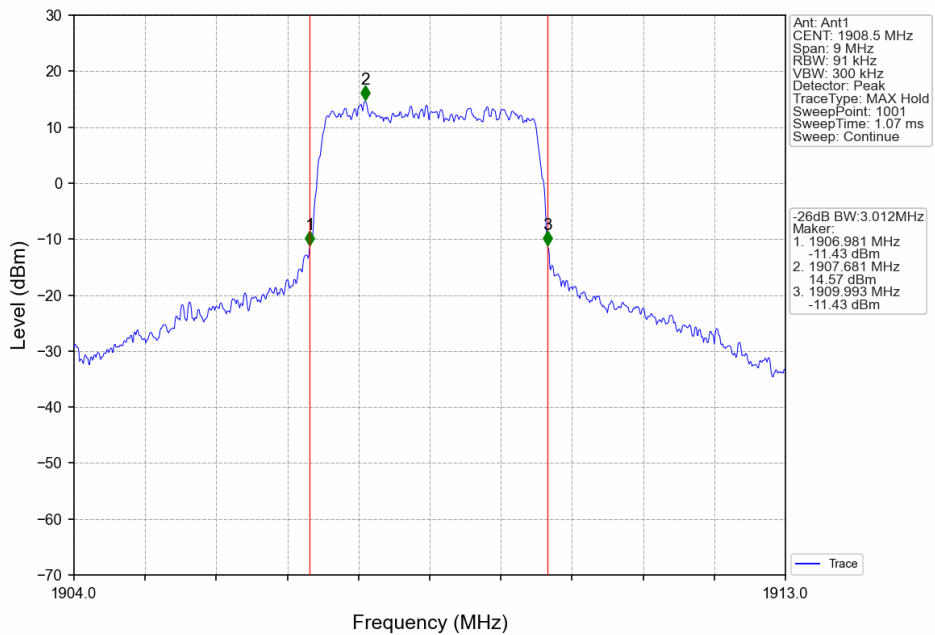
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



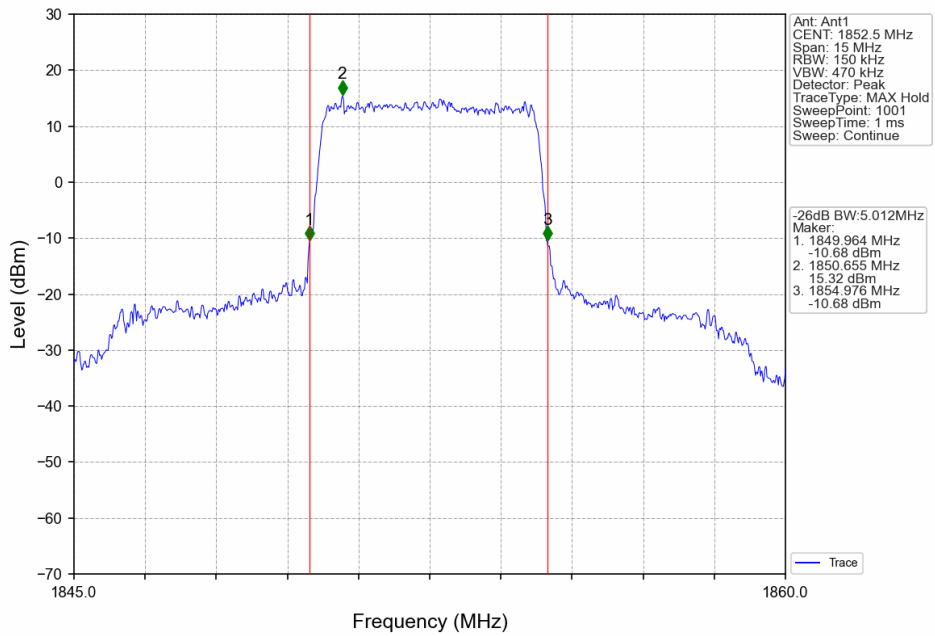
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



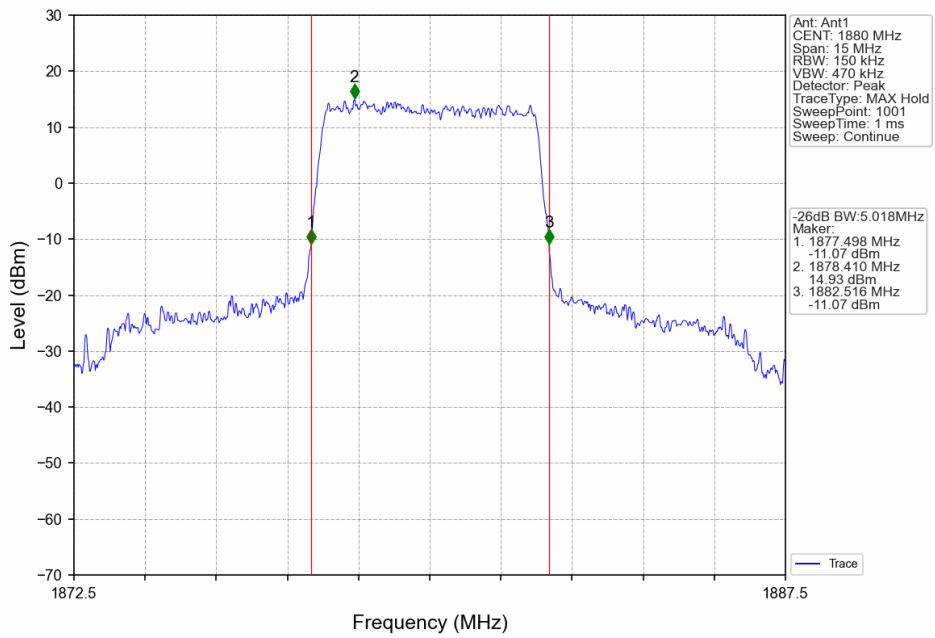
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



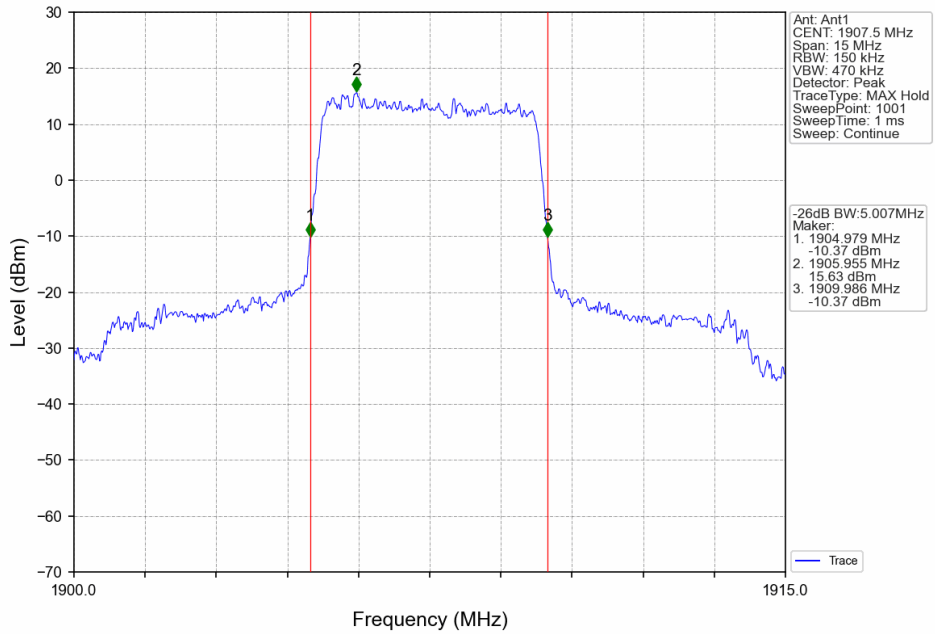
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



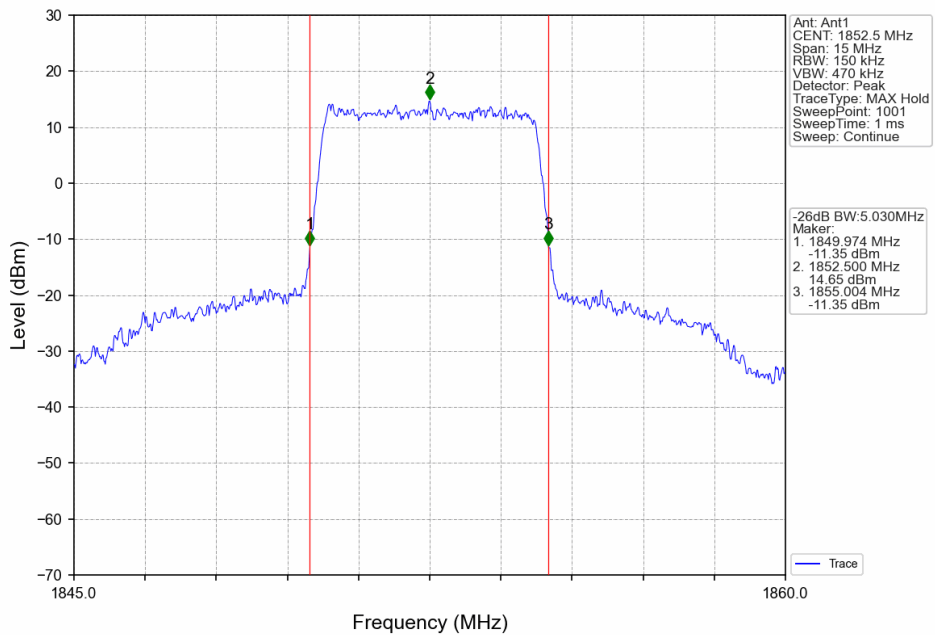
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



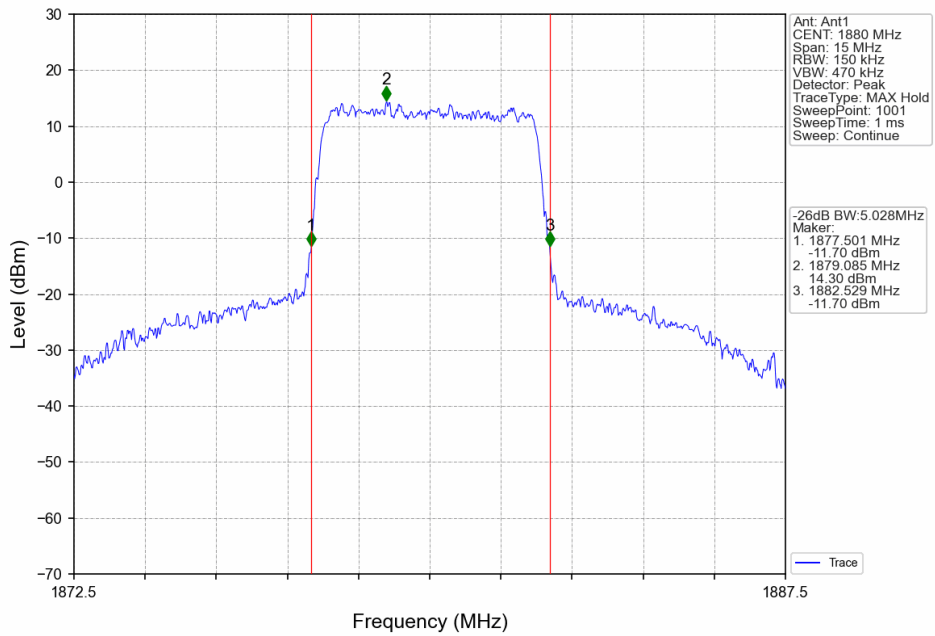
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



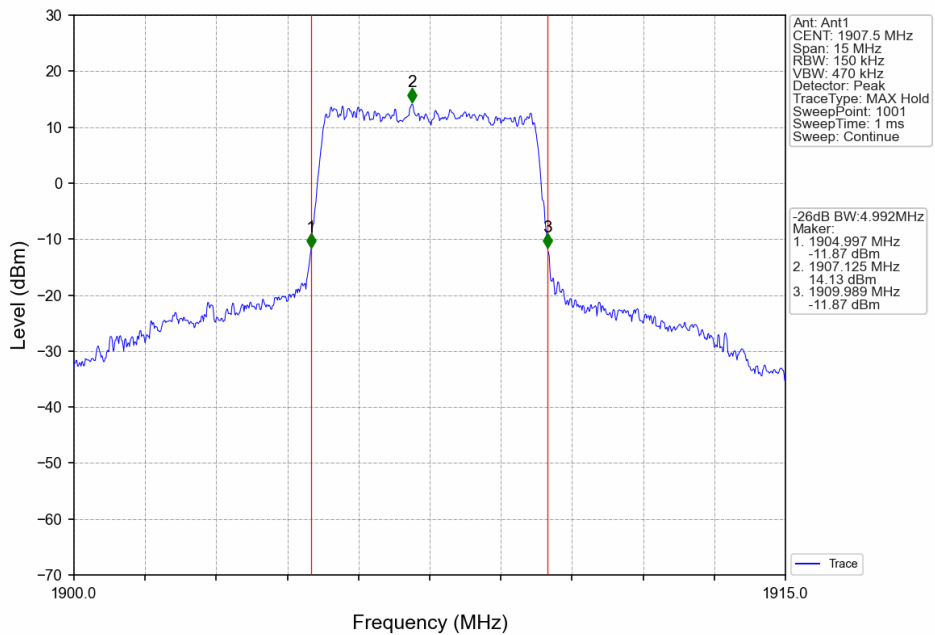
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



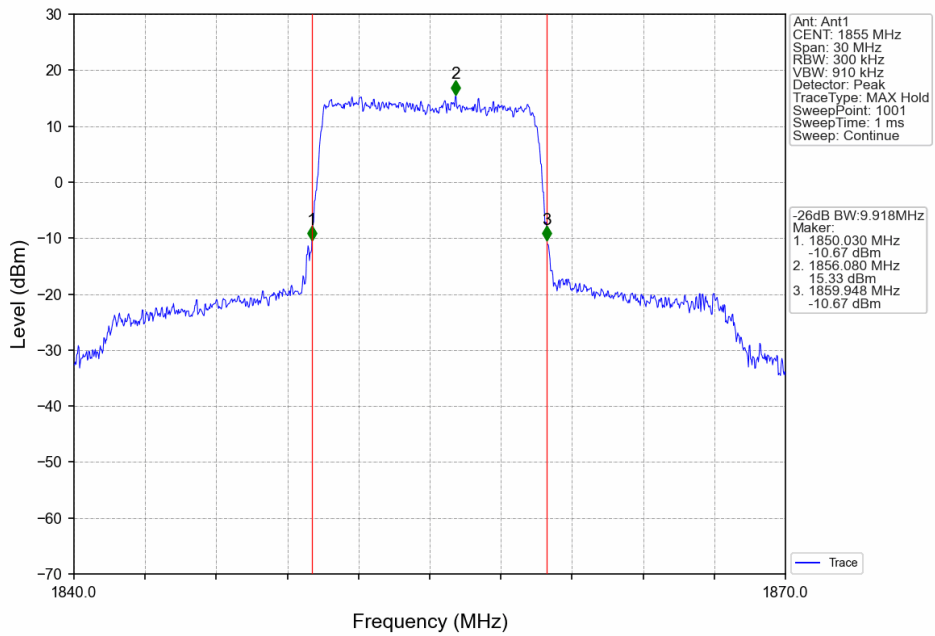
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



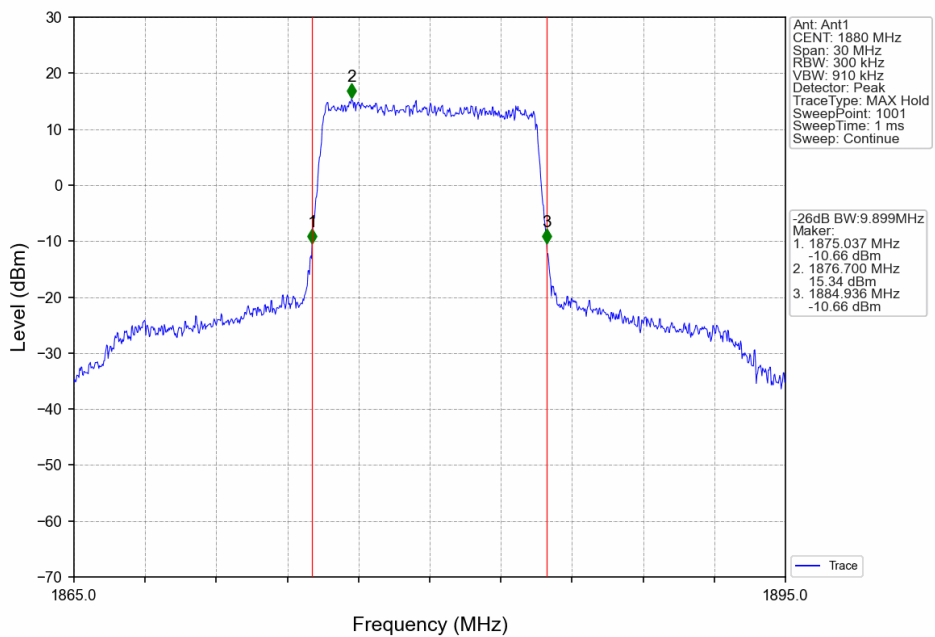
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



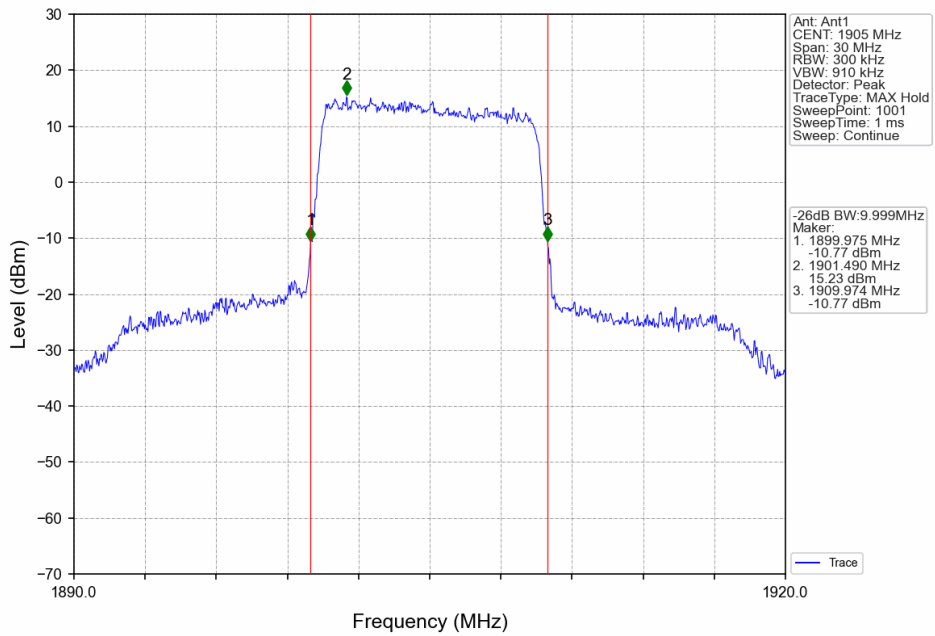
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



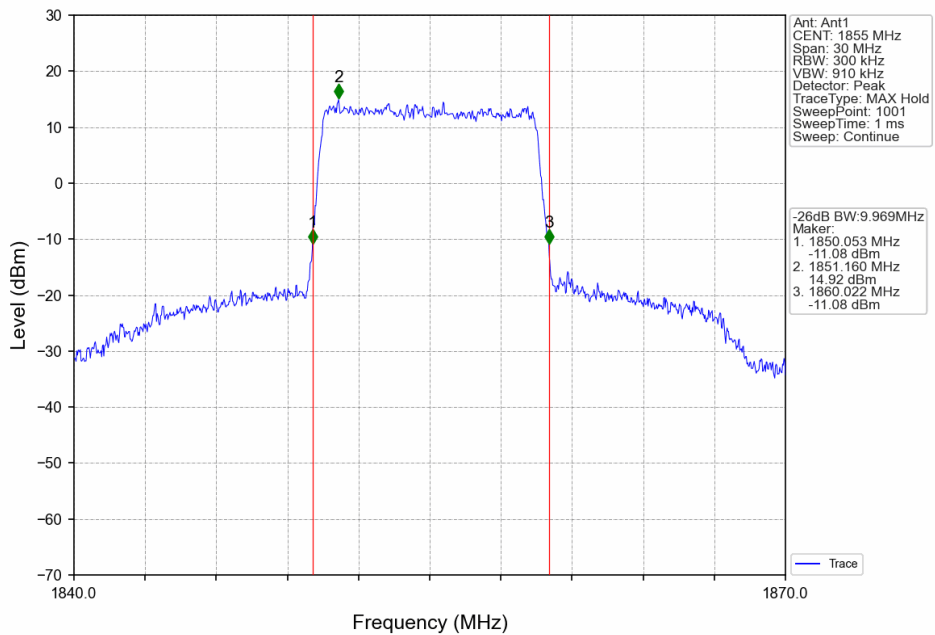
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



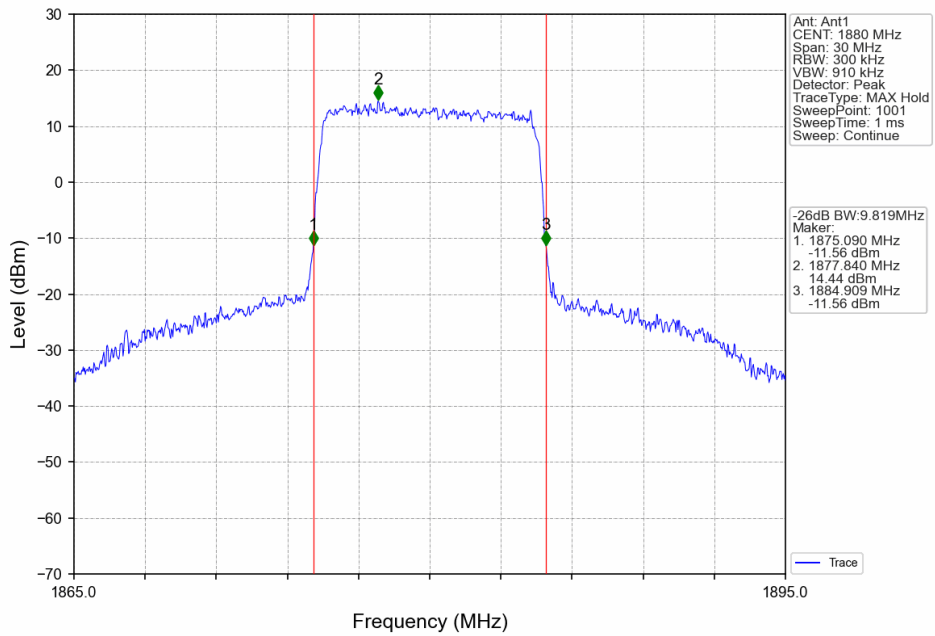
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



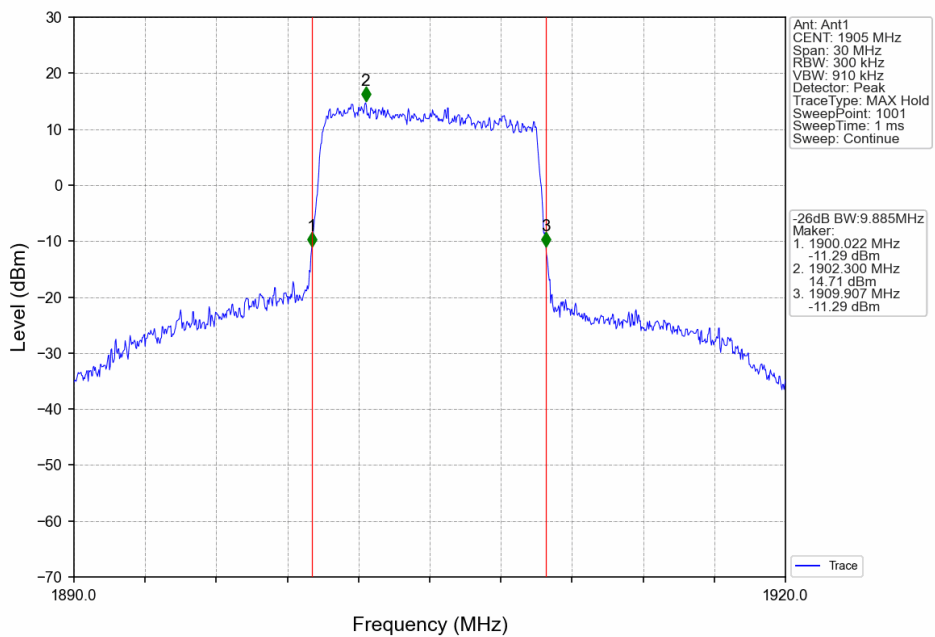
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



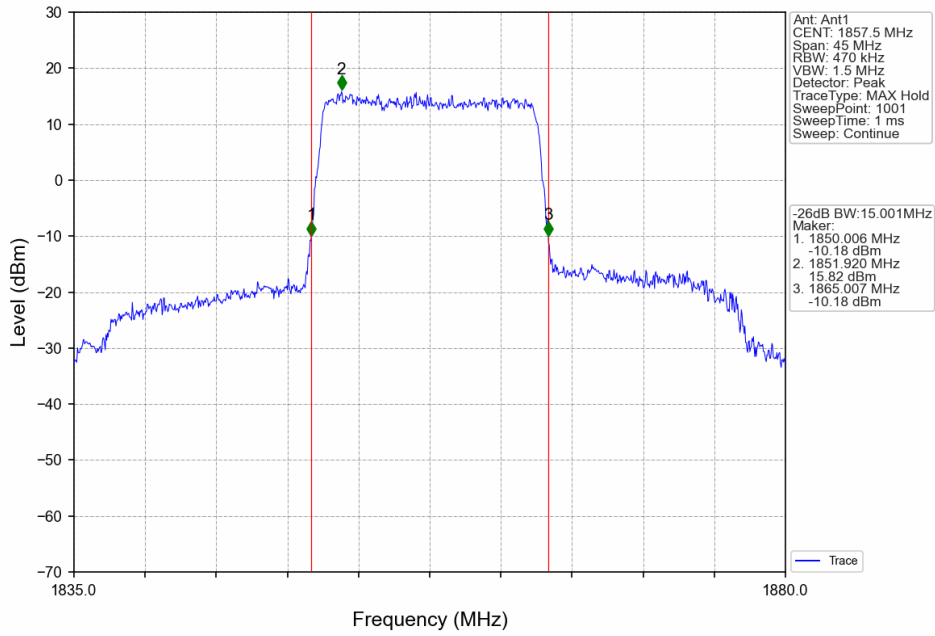
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



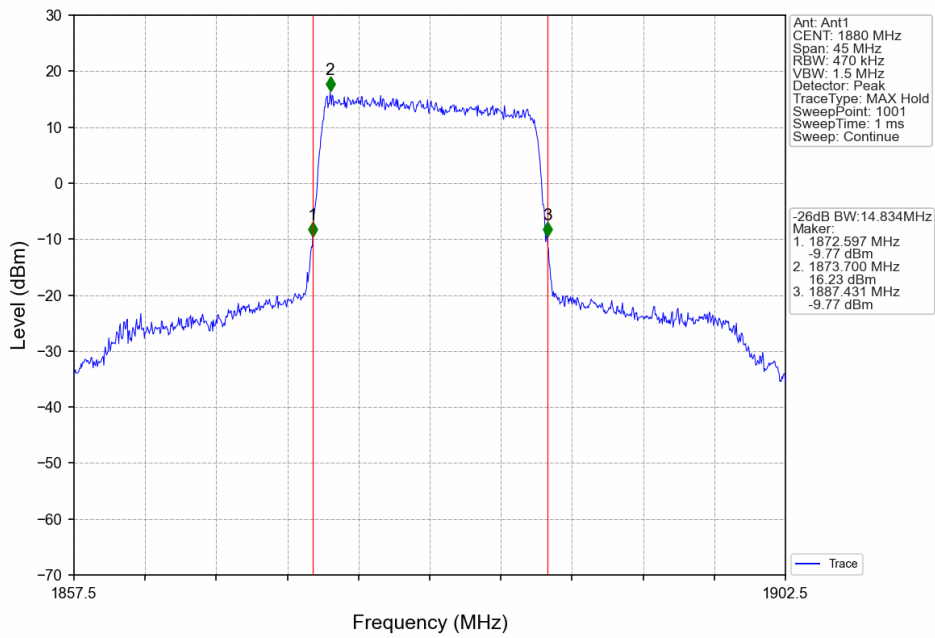
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



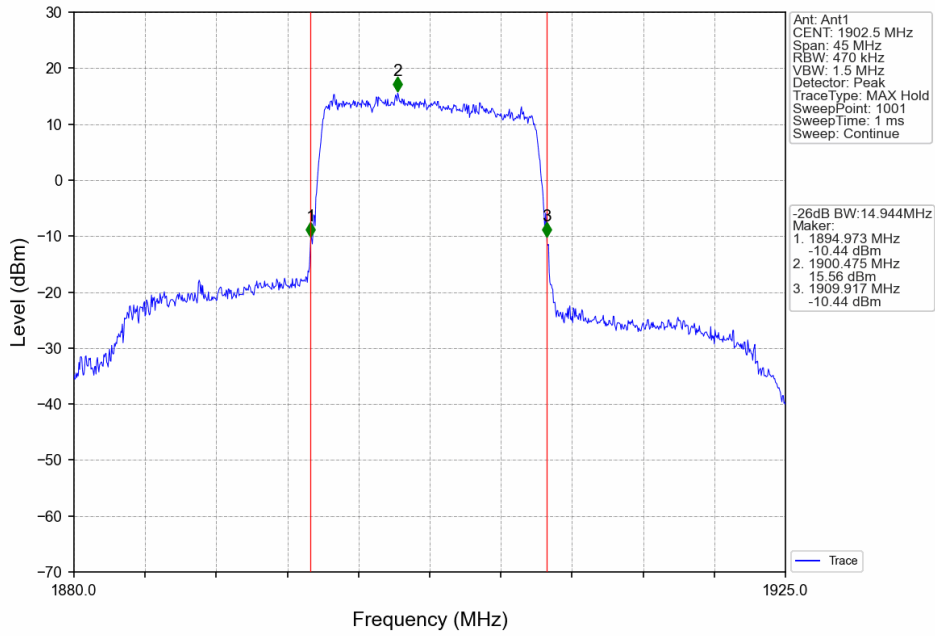
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



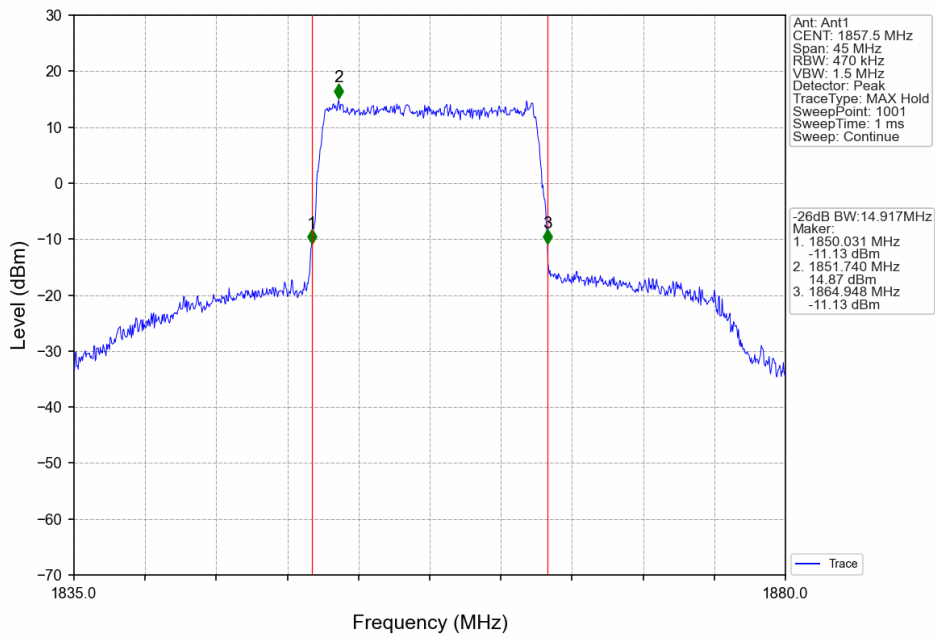
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



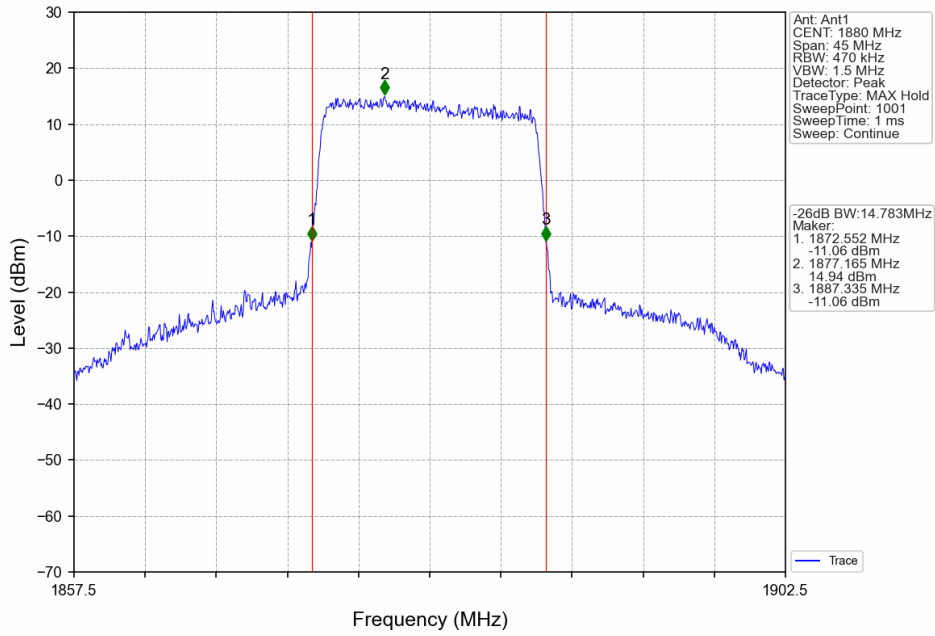
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



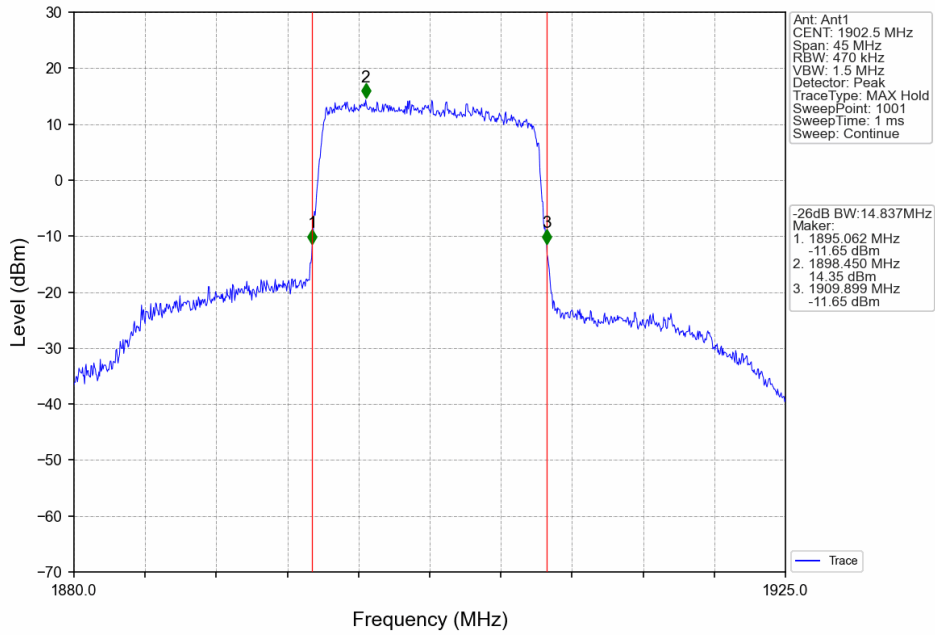
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



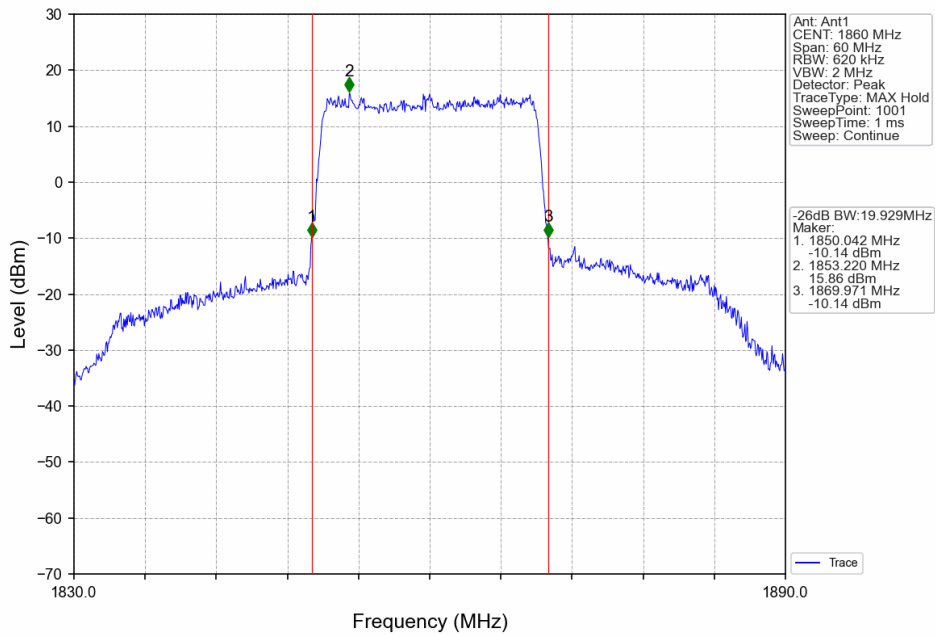
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



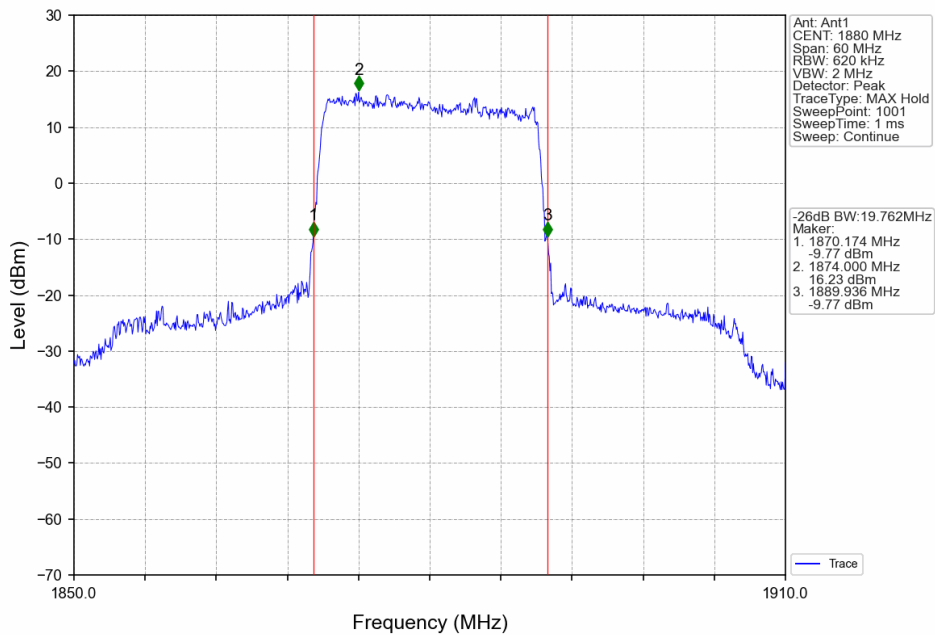
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



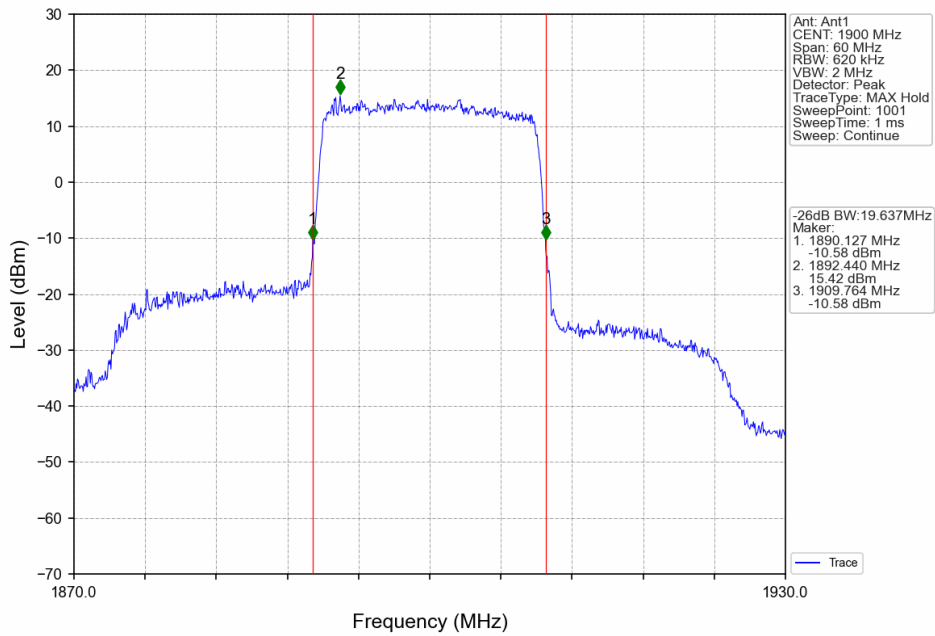
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



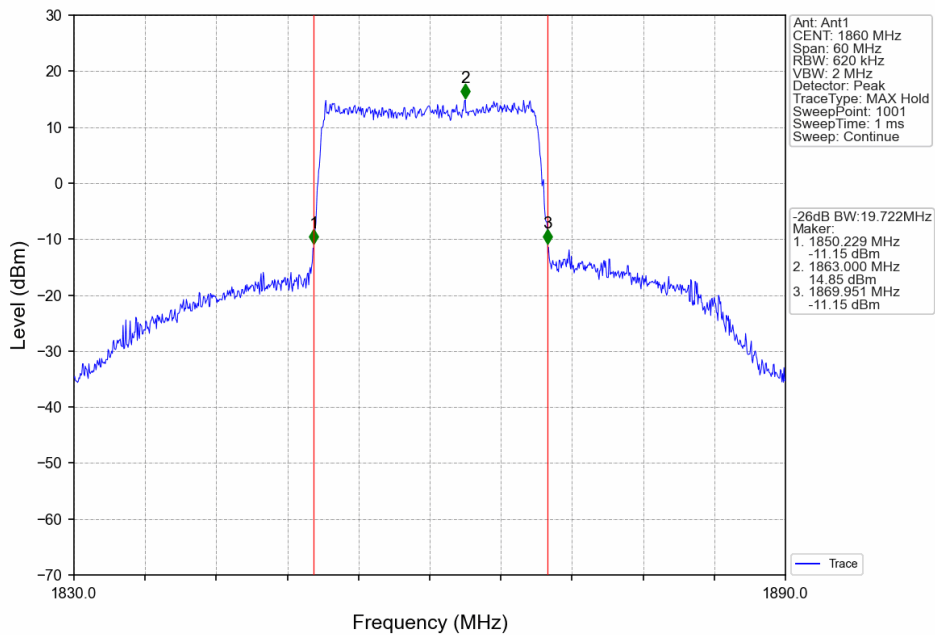
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



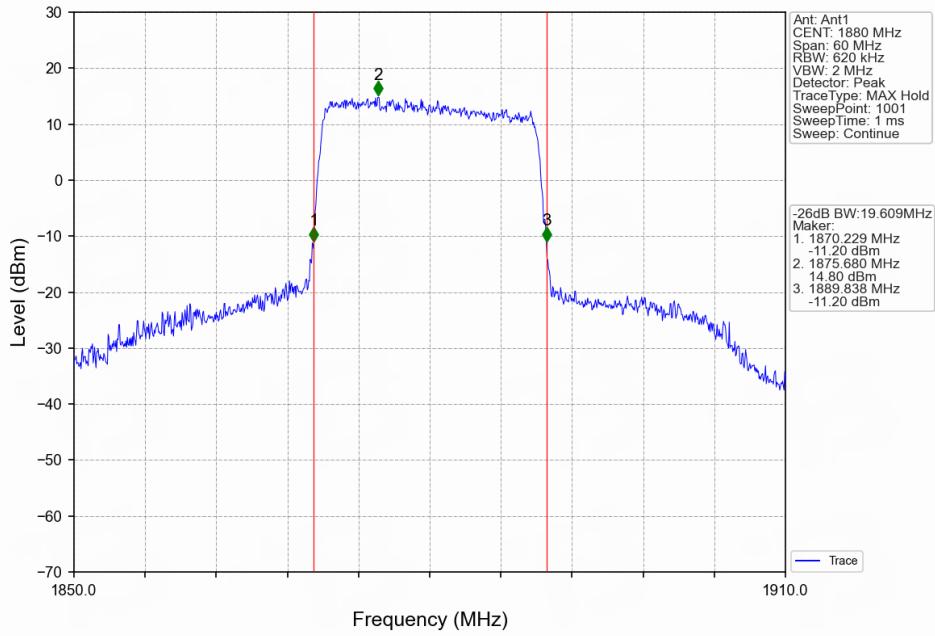
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



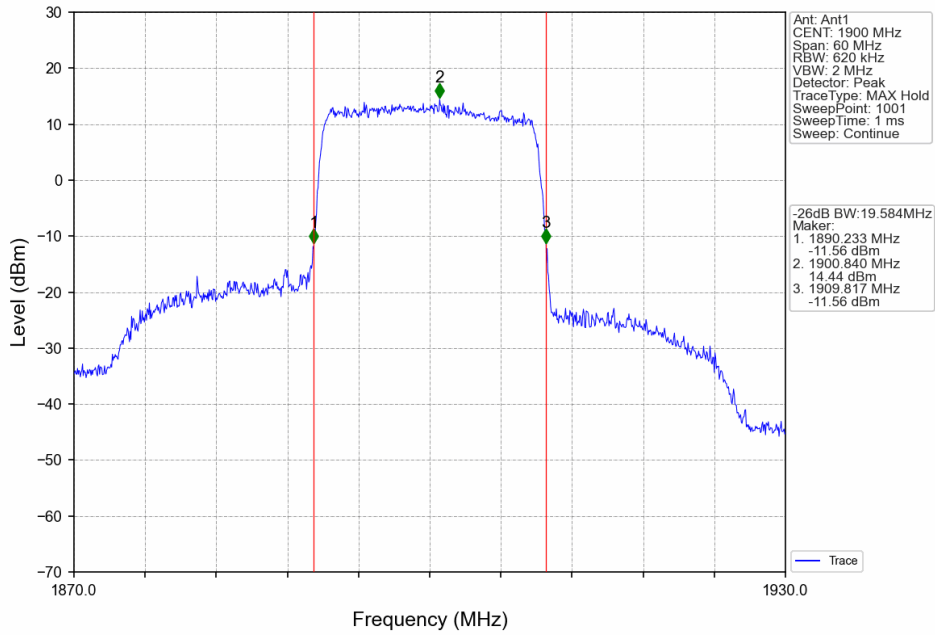
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



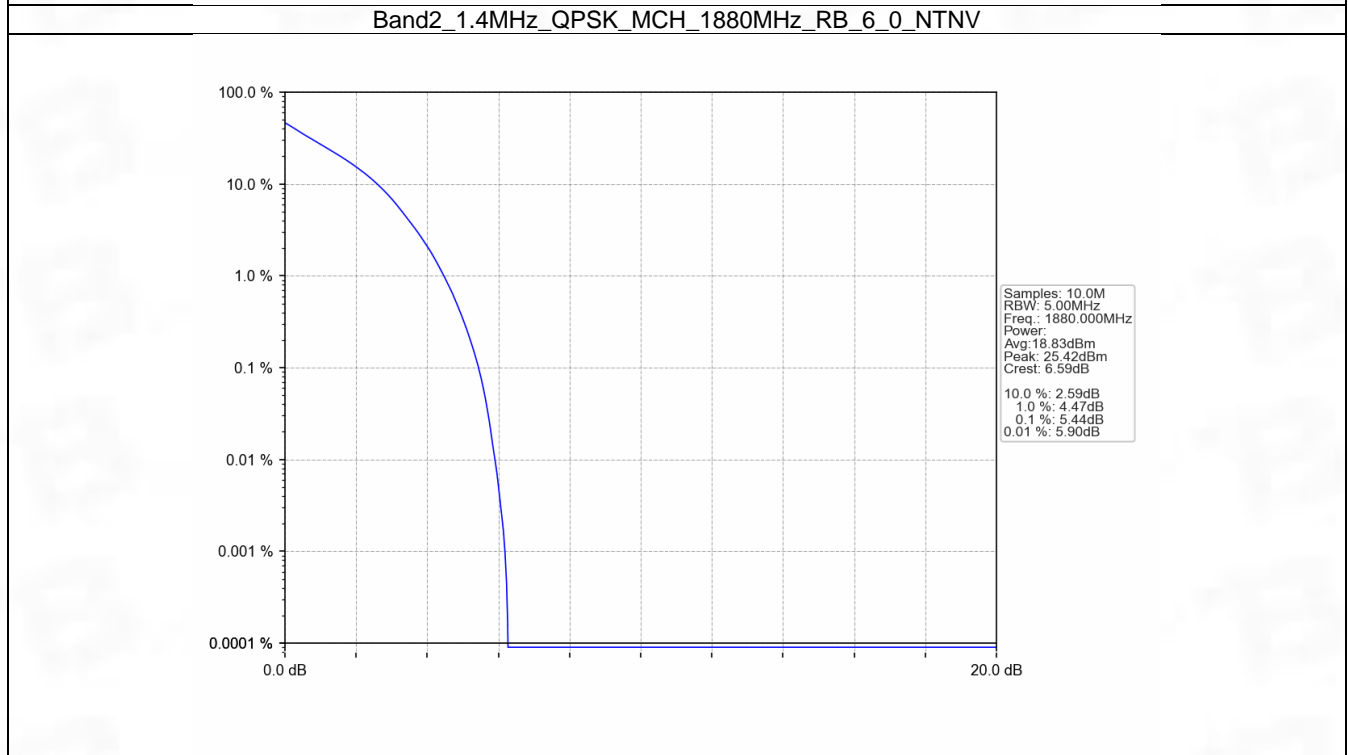
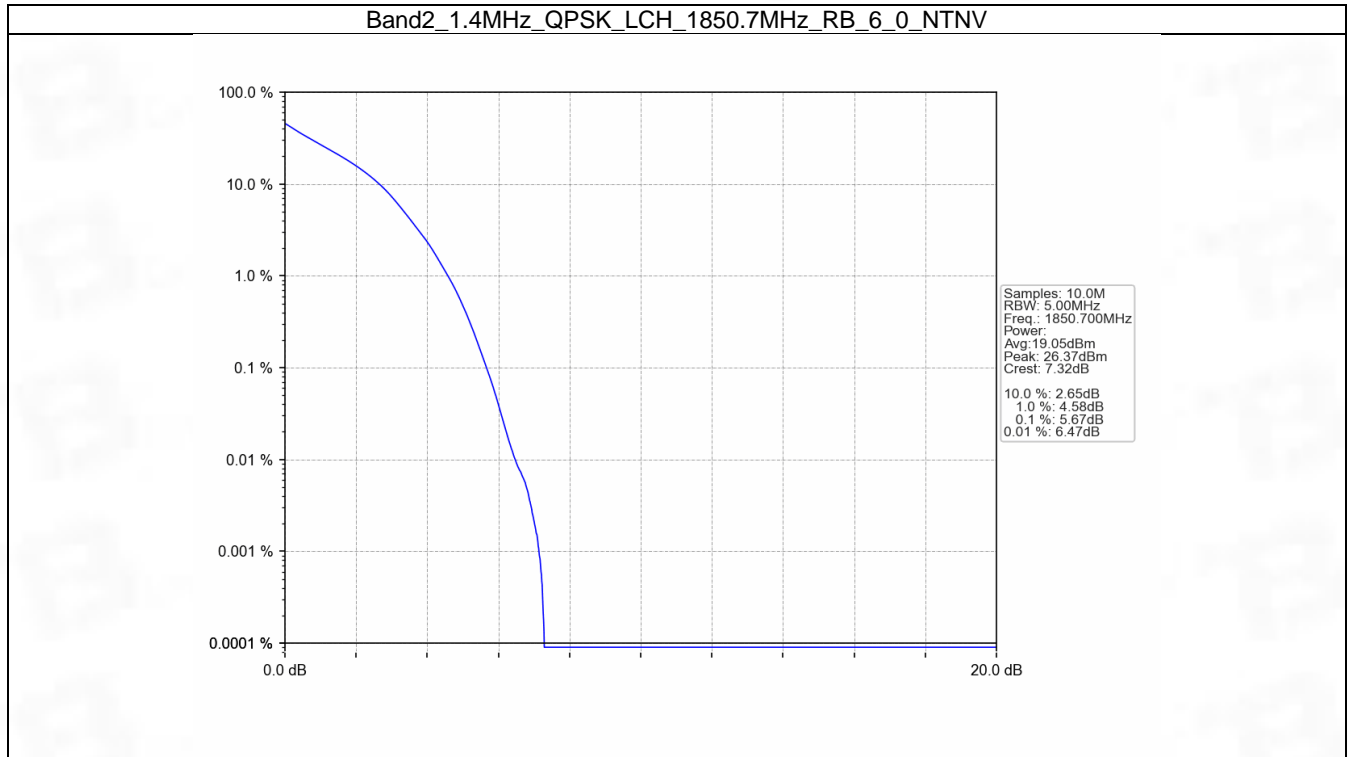
5. Peak-Average Ratio

5.1 B2_1.4MHz

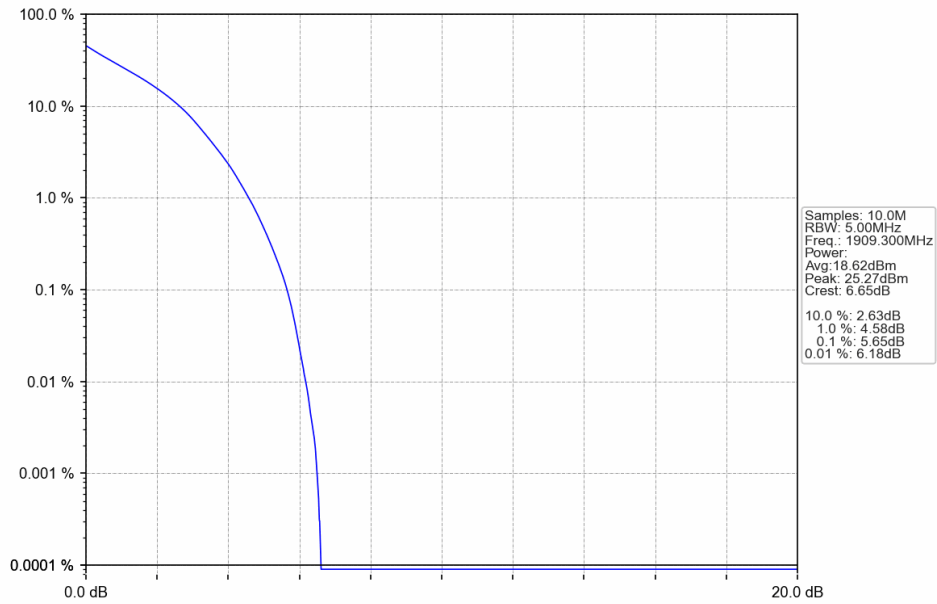
5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.67	<=13	Pass
	1880	6	0	5.44	<=13	Pass
	1909.3	6	0	5.65	<=13	Pass
16QAM	1850.7	6	0	6.52	<=13	Pass
	1880	6	0	6.21	<=13	Pass
	1909.3	6	0	6.40	<=13	Pass

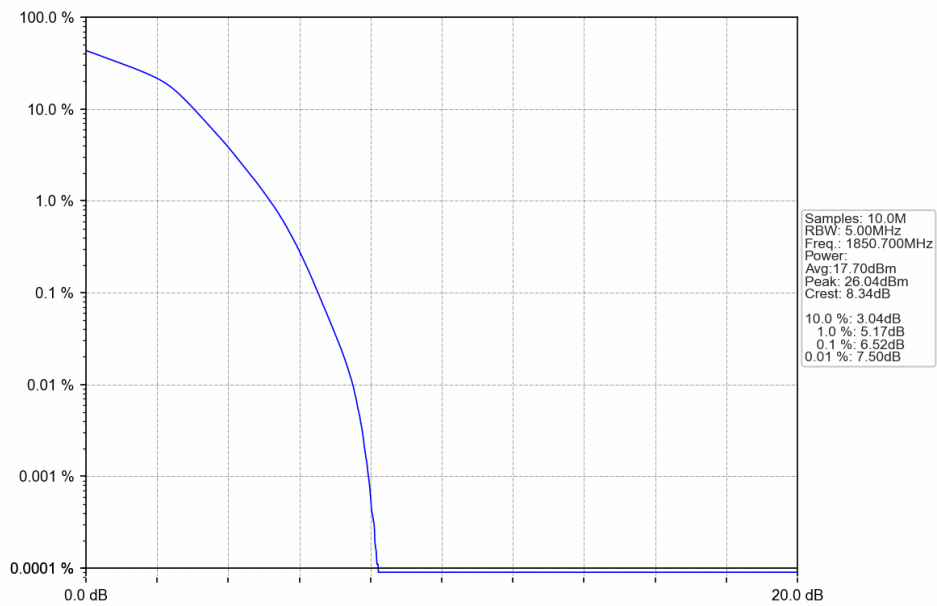
5.1.2 Test Graph



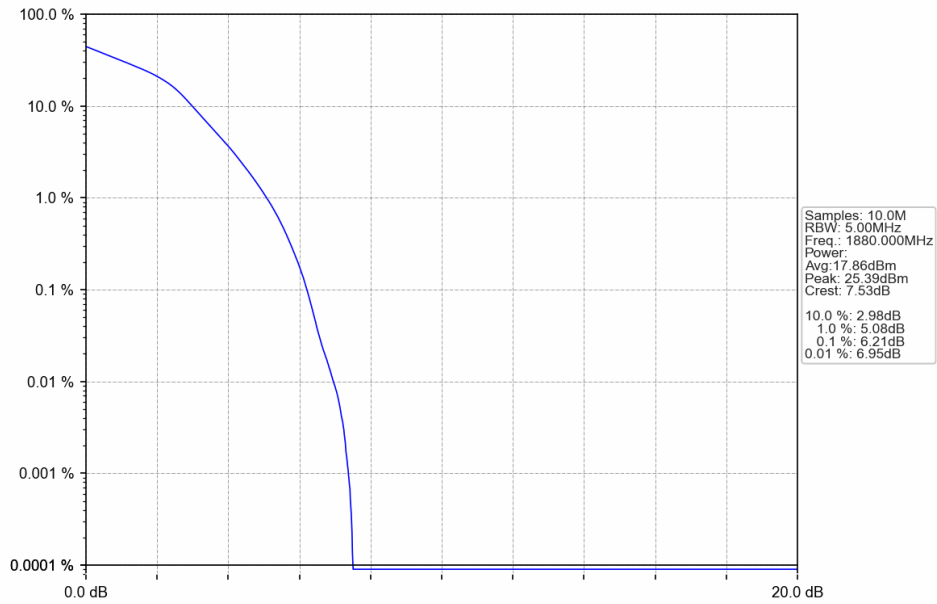
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



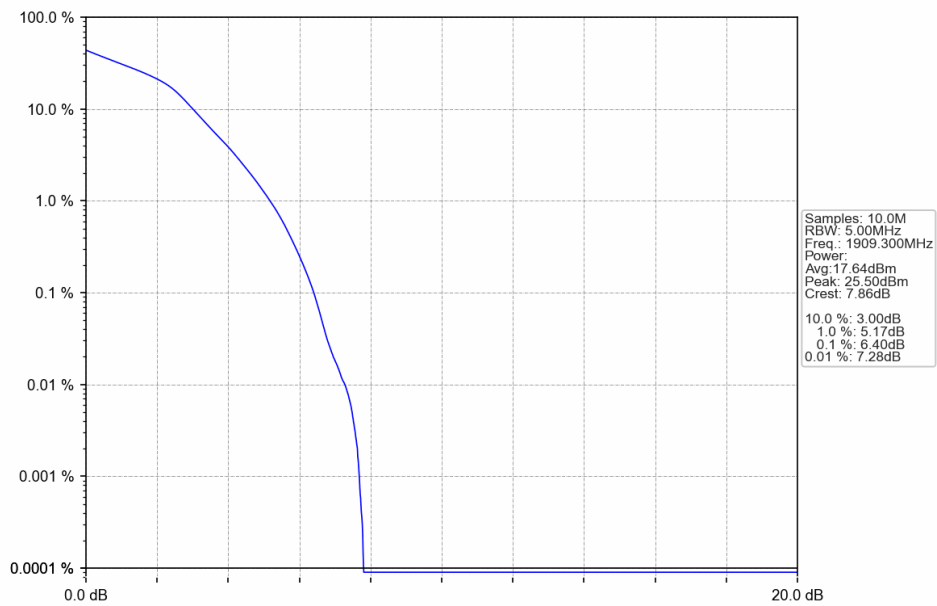
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

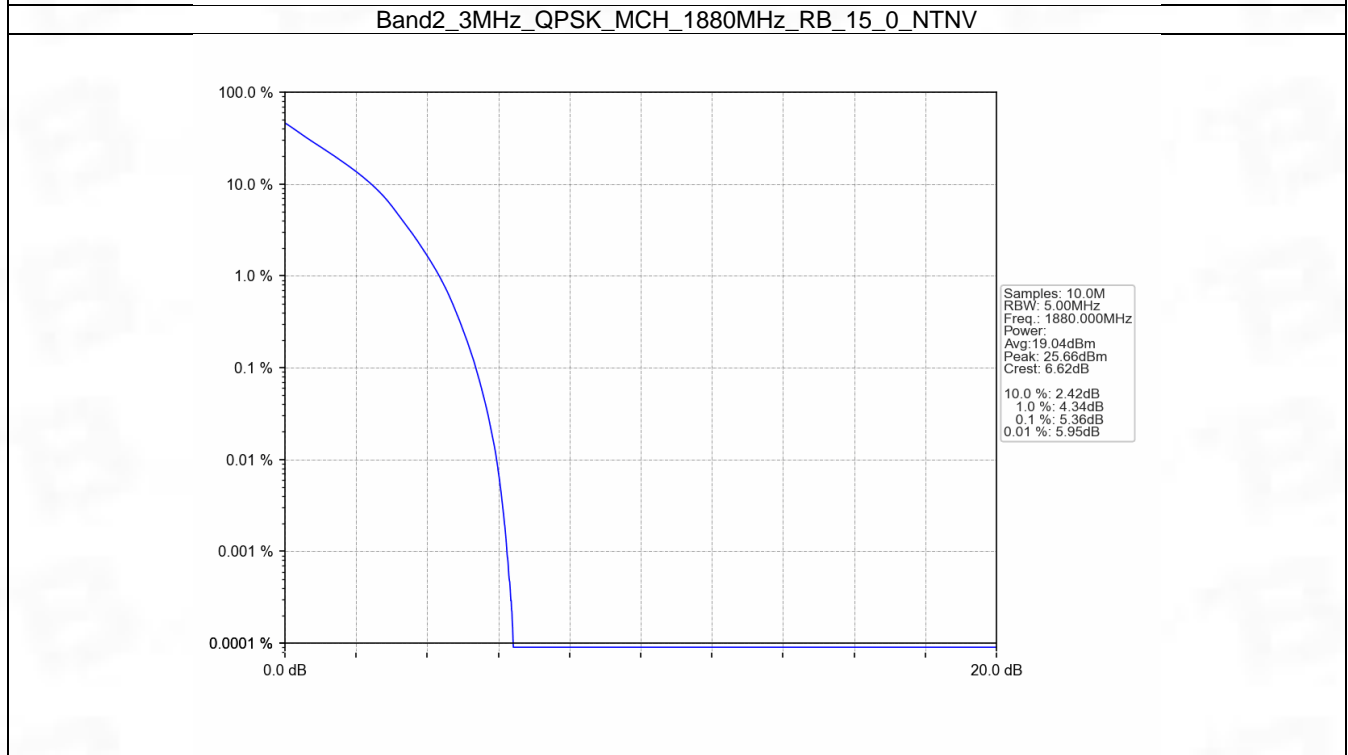
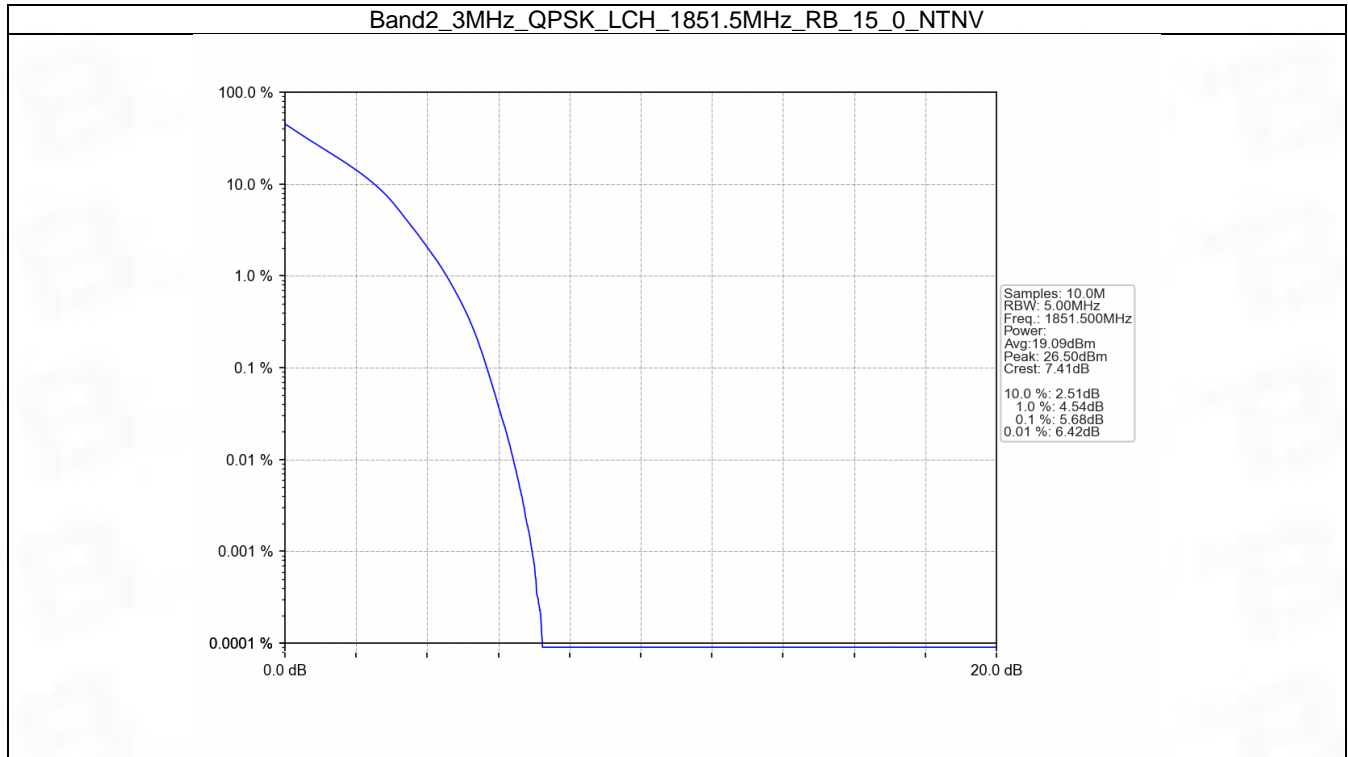


5.2 B2_3MHz

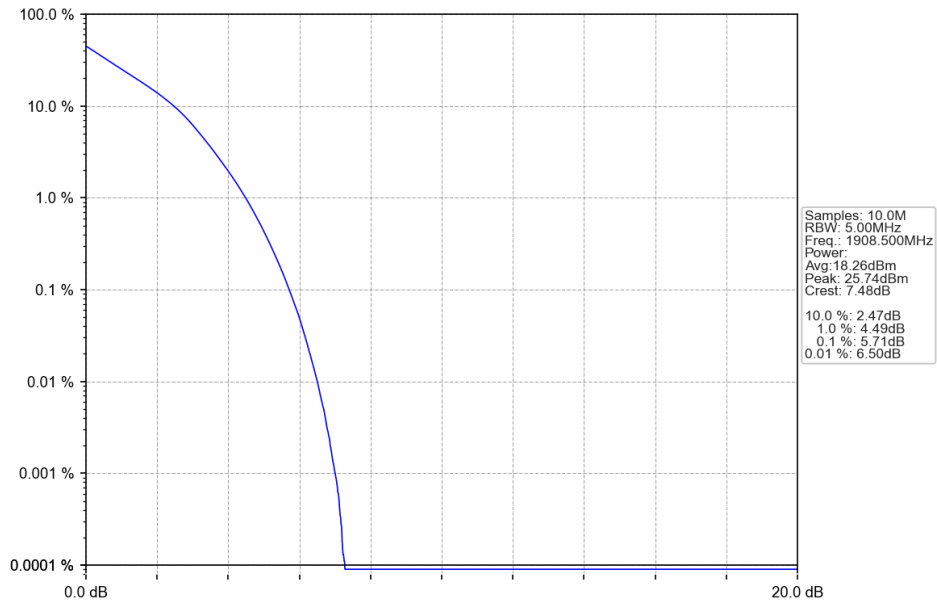
5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.68	<=13	Pass
	1880	15	0	5.36	<=13	Pass
	1908.5	15	0	5.71	<=13	Pass
16QAM	1851.5	15	0	6.54	<=13	Pass
	1880	15	0	6.23	<=13	Pass
	1908.5	15	0	6.49	<=13	Pass

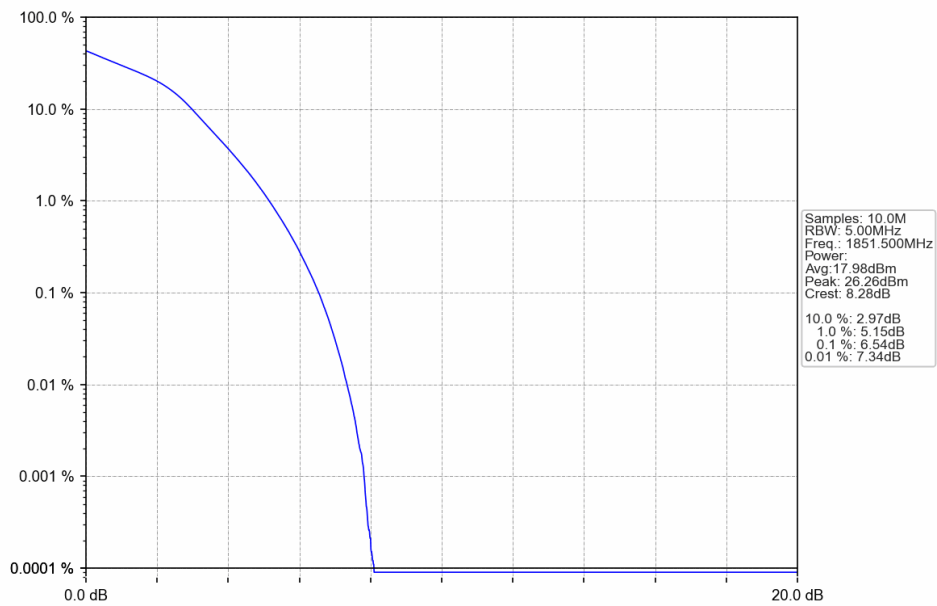
5.2.2 Test Graph



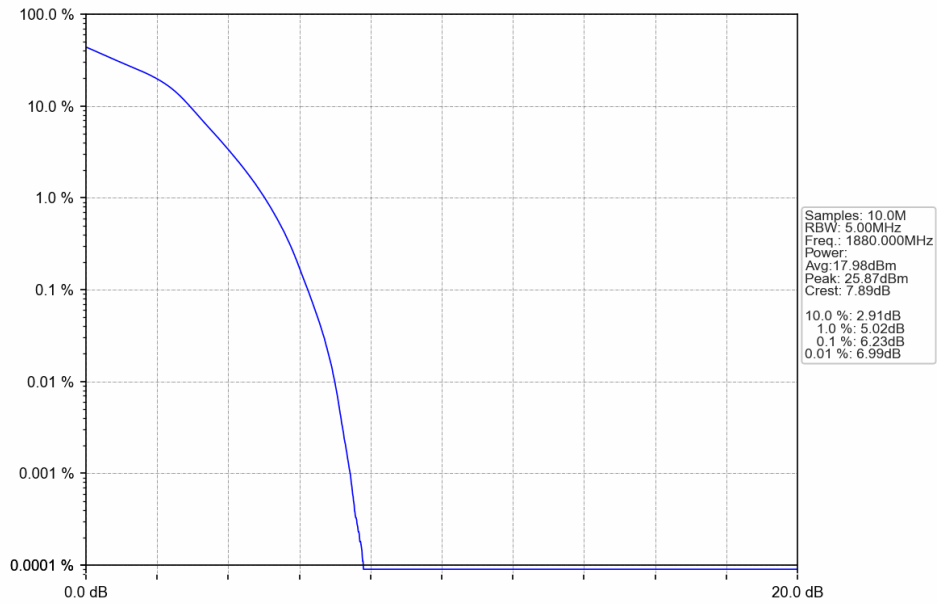
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



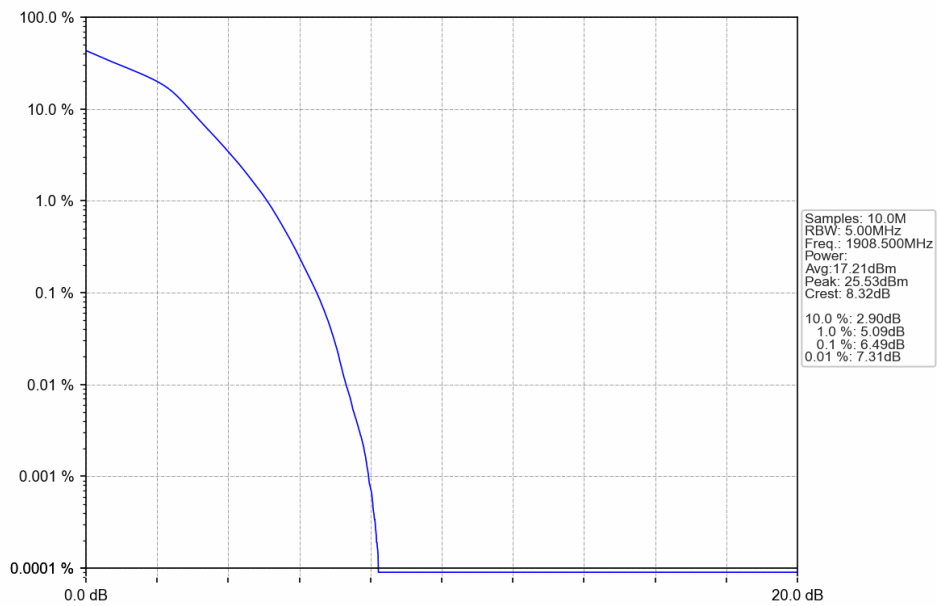
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.83	<=13	Pass
	1880	25	0	5.61	<=13	Pass
	1907.5	25	0	5.73	<=13	Pass
16QAM	1852.5	25	0	6.48	<=13	Pass
	1880	25	0	6.32	<=13	Pass
	1907.5	25	0	6.42	<=13	Pass

5.3.2 Test Graph

