

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	24.17	-2.53	21.64	<=33.01	Pass
			2	24.19	-2.53	21.66	<=33.01	Pass
			5	24.12	-2.53	21.59	<=33.01	Pass
		3	0	24.26	-2.53	21.73	<=33.01	Pass
			2	24.23	-2.53	21.70	<=33.01	Pass
			3	24.22	-2.53	21.69	<=33.01	Pass
		6	0	23.42	-2.53	20.89	<=33.01	Pass
	1880	1	0	24.32	-2.53	21.79	<=33.01	Pass
			2	24.33	-2.53	21.80	<=33.01	Pass
			5	24.34	-2.53	21.81	<=33.01	Pass
		3	0	24.42	-2.53	21.89	<=33.01	Pass
			2	24.40	-2.53	21.87	<=33.01	Pass
			3	24.41	-2.53	21.88	<=33.01	Pass
		6	0	23.40	-2.53	20.87	<=33.01	Pass
	1909.3	1	0	23.60	-2.53	21.07	<=33.01	Pass
			2	23.56	-2.53	21.03	<=33.01	Pass
			5	23.61	-2.53	21.08	<=33.01	Pass
		3	0	24.26	-2.53	21.73	<=33.01	Pass
			2	24.27	-2.53	21.74	<=33.01	Pass
			3	24.28	-2.53	21.75	<=33.01	Pass
		6	0	23.32	-2.53	20.79	<=33.01	Pass
16QAM	1850.7	1	0	23.55	-2.53	21.02	<=33.01	Pass
			2	23.54	-2.53	21.01	<=33.01	Pass
			5	23.55	-2.53	21.02	<=33.01	Pass
		3	0	23.34	-2.53	20.81	<=33.01	Pass
			2	23.34	-2.53	20.81	<=33.01	Pass
			3	23.35	-2.53	20.82	<=33.01	Pass
		6	0	22.46	-2.53	19.93	<=33.01	Pass
	1880	1	0	23.09	-2.53	20.56	<=33.01	Pass
			2	23.04	-2.53	20.51	<=33.01	Pass
			5	23.08	-2.53	20.55	<=33.01	Pass
		3	0	23.42	-2.53	20.89	<=33.01	Pass
			2	23.38	-2.53	20.85	<=33.01	Pass
			3	23.38	-2.53	20.85	<=33.01	Pass
		6	0	22.45	-2.53	19.92	<=33.01	Pass
	1909.3	1	0	22.92	-2.53	20.39	<=33.01	Pass
			2	22.91	-2.53	20.38	<=33.01	Pass
			5	22.91	-2.53	20.38	<=33.01	Pass
		3	0	23.54	-2.53	21.01	<=33.01	Pass
			2	23.58	-2.53	21.05	<=33.01	Pass
			3	23.59	-2.53	21.06	<=33.01	Pass
		6	0	22.36	-2.53	19.83	<=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	24.19	-2.53	21.66	<=33.01	Pass
			7	24.19	-2.53	21.66	<=33.01	Pass
			14	24.22	-2.53	21.69	<=33.01	Pass
		8	0	23.46	-2.53	20.93	<=33.01	Pass
			4	23.45	-2.53	20.92	<=33.01	Pass
			7	23.47	-2.53	20.94	<=33.01	Pass
		15	0	23.46	-2.53	20.93	<=33.01	Pass
	1880	1	0	23.92	-2.53	21.39	<=33.01	Pass
			7	23.86	-2.53	21.33	<=33.01	Pass
			14	23.90	-2.53	21.37	<=33.01	Pass
		8	0	23.39	-2.53	20.86	<=33.01	Pass
			4	23.35	-2.53	20.82	<=33.01	Pass
			7	23.34	-2.53	20.81	<=33.01	Pass
		15	0	23.40	-2.53	20.87	<=33.01	Pass
	1908.5	1	0	23.71	-2.53	21.18	<=33.01	Pass
			7	23.67	-2.53	21.14	<=33.01	Pass
			14	23.63	-2.53	21.10	<=33.01	Pass
		8	0	23.45	-2.53	20.92	<=33.01	Pass
			4	23.45	-2.53	20.92	<=33.01	Pass
			7	23.45	-2.53	20.92	<=33.01	Pass
		15	0	23.36	-2.53	20.83	<=33.01	Pass
16QAM	1851.5	1	0	23.31	-2.53	20.78	<=33.01	Pass
			7	23.21	-2.53	20.68	<=33.01	Pass
			14	23.15	-2.53	20.62	<=33.01	Pass
		8	0	22.44	-2.53	19.91	<=33.01	Pass
			4	22.43	-2.53	19.90	<=33.01	Pass
			7	22.44	-2.53	19.91	<=33.01	Pass
		15	0	22.43	-2.53	19.90	<=33.01	Pass
	1880	1	0	23.12	-2.53	20.59	<=33.01	Pass
			7	23.10	-2.53	20.57	<=33.01	Pass
			14	23.09	-2.53	20.56	<=33.01	Pass
		8	0	22.64	-2.53	20.11	<=33.01	Pass
			4	22.59	-2.53	20.06	<=33.01	Pass
			7	22.59	-2.53	20.06	<=33.01	Pass
		15	0	22.59	-2.53	20.06	<=33.01	Pass
	1908.5	1	0	23.87	-2.53	21.34	<=33.01	Pass
			7	23.79	-2.53	21.26	<=33.01	Pass
			14	23.77	-2.53	21.24	<=33.01	Pass
		8	0	22.60	-2.53	20.07	<=33.01	Pass
			4	22.59	-2.53	20.06	<=33.01	Pass
			7	22.58	-2.53	20.05	<=33.01	Pass
		15	0	22.47	-2.53	19.94	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	24.71	-2.53	22.18	<=33.01	Pass
			13	24.51	-2.53	21.98	<=33.01	Pass
			24	24.73	-2.53	22.20	<=33.01	Pass
		12	0	23.45	-2.53	20.92	<=33.01	Pass
			6	23.43	-2.53	20.90	<=33.01	Pass
			13	23.43	-2.53	20.90	<=33.01	Pass
		25	0	23.46	-2.53	20.93	<=33.01	Pass
	1880	1	0	24.50	-2.53	21.97	<=33.01	Pass
			13	24.31	-2.53	21.78	<=33.01	Pass
			24	24.51	-2.53	21.98	<=33.01	Pass
		12	0	23.47	-2.53	20.94	<=33.01	Pass
			6	23.39	-2.53	20.86	<=33.01	Pass
			13	23.42	-2.53	20.89	<=33.01	Pass
		25	0	23.44	-2.53	20.91	<=33.01	Pass
	1907.5	1	0	24.35	-2.53	21.82	<=33.01	Pass
			13	23.86	-2.53	21.33	<=33.01	Pass
			24	24.06	-2.53	21.53	<=33.01	Pass
		12	0	23.49	-2.53	20.96	<=33.01	Pass
			6	23.44	-2.53	20.91	<=33.01	Pass
			13	23.43	-2.53	20.90	<=33.01	Pass
		25	0	23.46	-2.53	20.93	<=33.01	Pass
16QAM	1852.5	1	0	23.43	-2.53	20.90	<=33.01	Pass
			13	23.38	-2.53	20.85	<=33.01	Pass
			24	23.43	-2.53	20.90	<=33.01	Pass
		12	0	22.49	-2.53	19.96	<=33.01	Pass
			6	22.47	-2.53	19.94	<=33.01	Pass
			13	22.47	-2.53	19.94	<=33.01	Pass
		25	0	22.53	-2.53	20.00	<=33.01	Pass
	1880	1	0	23.76	-2.53	21.23	<=33.01	Pass
			13	23.51	-2.53	20.98	<=33.01	Pass
			24	23.73	-2.53	21.20	<=33.01	Pass
		12	0	22.63	-2.53	20.10	<=33.01	Pass
			6	22.59	-2.53	20.06	<=33.01	Pass
			13	22.59	-2.53	20.06	<=33.01	Pass
		25	0	22.61	-2.53	20.08	<=33.01	Pass
	1907.5	1	0	23.22	-2.53	20.69	<=33.01	Pass
			13	23.00	-2.53	20.47	<=33.01	Pass
			24	23.07	-2.53	20.54	<=33.01	Pass
		12	0	22.50	-2.53	19.97	<=33.01	Pass
			6	22.44	-2.53	19.91	<=33.01	Pass
			13	22.44	-2.53	19.91	<=33.01	Pass
		25	0	22.49	-2.53	19.96	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.09	-2.53	21.56	<=33.01	Pass
			25	23.87	-2.53	21.34	<=33.01	Pass
			49	24.11	-2.53	21.58	<=33.01	Pass
		25	0	23.49	-2.53	20.96	<=33.01	Pass
			13	23.49	-2.53	20.96	<=33.01	Pass
			25	23.57	-2.53	21.04	<=33.01	Pass
		50	0	23.56	-2.53	21.03	<=33.01	Pass
	1880	1	0	24.05	-2.53	21.52	<=33.01	Pass
			25	23.87	-2.53	21.34	<=33.01	Pass
			49	24.10	-2.53	21.57	<=33.01	Pass
		25	0	23.47	-2.53	20.94	<=33.01	Pass
			13	23.44	-2.53	20.91	<=33.01	Pass
			25	23.44	-2.53	20.91	<=33.01	Pass
		50	0	23.46	-2.53	20.93	<=33.01	Pass
	1905	1	0	23.99	-2.53	21.46	<=33.01	Pass
			25	23.86	-2.53	21.33	<=33.01	Pass
			49	24.01	-2.53	21.48	<=33.01	Pass
		25	0	23.60	-2.53	21.07	<=33.01	Pass
			13	23.51	-2.53	20.98	<=33.01	Pass
			25	23.52	-2.53	20.99	<=33.01	Pass
		50	0	23.58	-2.53	21.05	<=33.01	Pass
16QAM	1855	1	0	23.52	-2.53	20.99	<=33.01	Pass
			25	23.44	-2.53	20.91	<=33.01	Pass
			49	23.51	-2.53	20.98	<=33.01	Pass
		25	0	22.54	-2.53	20.01	<=33.01	Pass
			13	22.58	-2.53	20.05	<=33.01	Pass
			25	22.63	-2.53	20.10	<=33.01	Pass
		50	0	22.57	-2.53	20.04	<=33.01	Pass
	1880	1	0	23.33	-2.53	20.80	<=33.01	Pass
			25	23.23	-2.53	20.70	<=33.01	Pass
			49	23.29	-2.53	20.76	<=33.01	Pass
		25	0	22.68	-2.53	20.15	<=33.01	Pass
			13	22.63	-2.53	20.10	<=33.01	Pass
			25	22.61	-2.53	20.08	<=33.01	Pass
		50	0	22.62	-2.53	20.09	<=33.01	Pass
	1905	1	0	23.06	-2.53	20.53	<=33.01	Pass
			25	23.03	-2.53	20.50	<=33.01	Pass
			49	23.04	-2.53	20.51	<=33.01	Pass
		25	0	22.70	-2.53	20.17	<=33.01	Pass
			13	22.61	-2.53	20.08	<=33.01	Pass
			25	22.61	-2.53	20.08	<=33.01	Pass
		50	0	22.60	-2.53	20.07	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.86	-2.53	21.33	<=33.01	Pass
			38	23.91	-2.53	21.38	<=33.01	Pass
			74	23.85	-2.53	21.32	<=33.01	Pass
		36	0	23.40	-2.53	20.87	<=33.01	Pass
			18	23.47	-2.53	20.94	<=33.01	Pass
			39	23.51	-2.53	20.98	<=33.01	Pass
		75	0	23.48	-2.53	20.95	<=33.01	Pass
	1880	1	0	23.76	-2.53	21.23	<=33.01	Pass
			38	23.88	-2.53	21.35	<=33.01	Pass
			74	23.80	-2.53	21.27	<=33.01	Pass
		36	0	23.38	-2.53	20.85	<=33.01	Pass
			18	23.39	-2.53	20.86	<=33.01	Pass
			39	23.39	-2.53	20.86	<=33.01	Pass
		75	0	23.42	-2.53	20.89	<=33.01	Pass
	1902.5	1	0	23.74	-2.53	21.21	<=33.01	Pass
			38	23.75	-2.53	21.22	<=33.01	Pass
			74	23.61	-2.53	21.08	<=33.01	Pass
		36	0	23.36	-2.53	20.83	<=33.01	Pass
			18	23.45	-2.53	20.92	<=33.01	Pass
			39	23.43	-2.53	20.90	<=33.01	Pass
		75	0	23.53	-2.53	21.00	<=33.01	Pass
16QAM	1857.5	1	0	23.44	-2.53	20.91	<=33.01	Pass
			38	23.49	-2.53	20.96	<=33.01	Pass
			74	23.39	-2.53	20.86	<=33.01	Pass
		36	0	22.47	-2.53	19.94	<=33.01	Pass
			18	22.51	-2.53	19.98	<=33.01	Pass
			39	22.58	-2.53	20.05	<=33.01	Pass
		75	0	22.51	-2.53	19.98	<=33.01	Pass
	1880	1	0	23.18	-2.53	20.65	<=33.01	Pass
			38	23.22	-2.53	20.69	<=33.01	Pass
			74	23.17	-2.53	20.64	<=33.01	Pass
		36	0	22.59	-2.53	20.06	<=33.01	Pass
			18	22.58	-2.53	20.05	<=33.01	Pass
			39	22.57	-2.53	20.04	<=33.01	Pass
		75	0	22.60	-2.53	20.07	<=33.01	Pass
	1902.5	1	0	23.28	-2.53	20.75	<=33.01	Pass
			38	23.30	-2.53	20.77	<=33.01	Pass
			74	23.18	-2.53	20.65	<=33.01	Pass
		36	0	22.58	-2.53	20.05	<=33.01	Pass
			18	22.51	-2.53	19.98	<=33.01	Pass
			39	22.45	-2.53	19.92	<=33.01	Pass
		75	0	22.51	-2.53	19.98	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.70	-2.53	21.17	<=33.01	Pass
			50	23.78	-2.53	21.25	<=33.01	Pass
			99	23.79	-2.53	21.26	<=33.01	Pass
		50	0	23.47	-2.53	20.94	<=33.01	Pass
			25	23.58	-2.53	21.05	<=33.01	Pass
			50	23.53	-2.53	21.00	<=33.01	Pass
		100	0	23.51	-2.53	20.98	<=33.01	Pass
	1880	1	0	23.80	-2.53	21.27	<=33.01	Pass
			50	23.89	-2.53	21.36	<=33.01	Pass
			99	23.86	-2.53	21.33	<=33.01	Pass
		50	0	23.52	-2.53	20.99	<=33.01	Pass
			25	23.46	-2.53	20.93	<=33.01	Pass
			50	23.50	-2.53	20.97	<=33.01	Pass
		100	0	23.48	-2.53	20.95	<=33.01	Pass
	1900	1	0	23.91	-2.53	21.38	<=33.01	Pass
			50	23.82	-2.53	21.29	<=33.01	Pass
			99	23.76	-2.53	21.23	<=33.01	Pass
		50	0	23.49	-2.53	20.96	<=33.01	Pass
			25	23.42	-2.53	20.89	<=33.01	Pass
			50	23.47	-2.53	20.94	<=33.01	Pass
		100	0	23.39	-2.53	20.86	<=33.01	Pass
16QAM	1860	1	0	23.20	-2.53	20.67	<=33.01	Pass
			50	23.20	-2.53	20.67	<=33.01	Pass
			99	23.14	-2.53	20.61	<=33.01	Pass
		50	0	22.46	-2.53	19.93	<=33.01	Pass
			25	22.56	-2.53	20.03	<=33.01	Pass
			50	22.53	-2.53	20.00	<=33.01	Pass
		100	0	22.51	-2.53	19.98	<=33.01	Pass
	1880	1	0	23.24	-2.53	20.71	<=33.01	Pass
			50	23.28	-2.53	20.75	<=33.01	Pass
			99	23.28	-2.53	20.75	<=33.01	Pass
		50	0	22.68	-2.53	20.15	<=33.01	Pass
			25	22.58	-2.53	20.05	<=33.01	Pass
			50	22.63	-2.53	20.10	<=33.01	Pass
		100	0	22.66	-2.53	20.13	<=33.01	Pass
	1900	1	0	23.66	-2.53	21.13	<=33.01	Pass
			50	23.59	-2.53	21.06	<=33.01	Pass
			99	23.56	-2.53	21.03	<=33.01	Pass
		50	0	22.63	-2.53	20.10	<=33.01	Pass
			25	22.55	-2.53	20.02	<=33.01	Pass
			50	22.45	-2.53	19.92	<=33.01	Pass
		100	0	22.54	-2.53	20.01	<=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	4.263	0.0023	-2.5 to 2.5	Pass
					3.85	0.644	0.0003	-2.5 to 2.5	Pass
					4.43	5.479	0.0030	-2.5 to 2.5	Pass
				-30	3.85	4.807	0.0026	-2.5 to 2.5	Pass
				-20	3.85	7.081	0.0038	-2.5 to 2.5	Pass
				-10	3.85	7.138	0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				10	3.85	10.185	0.0055	-2.5 to 2.5	Pass
				30	3.85	7.868	0.0043	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				50	3.85	12.274	0.0066	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	2.661	0.0014	-2.5 to 2.5	Pass
					3.85	1.187	0.0006	-2.5 to 2.5	Pass
					4.43	9.542	0.0051	-2.5 to 2.5	Pass
				-30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-20	3.85	12.531	0.0067	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	6.881	0.0037	-2.5 to 2.5	Pass
				10	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass
				30	3.85	8.783	0.0047	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				50	3.85	7.982	0.0042	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-5.794	-0.0030	-2.5 to 2.5	Pass
					3.85	2.017	0.0011	-2.5 to 2.5	Pass
					4.43	8.340	0.0044	-2.5 to 2.5	Pass
				-30	3.85	4.306	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				10	3.85	6.452	0.0034	-2.5 to 2.5	Pass
				30	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				50	3.85	1.903	0.0010	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	8.068	0.0044	-2.5 to 2.5	Pass
					3.85	3.676	0.0020	-2.5 to 2.5	Pass
					4.43	0.286	0.0002	-2.5 to 2.5	Pass
				-30	3.85	6.251	0.0034	-2.5 to 2.5	Pass
				-20	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				10	3.85	5.422	0.0029	-2.5 to 2.5	Pass
				30	3.85	11.859	0.0064	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass

	1880	6	0	20	3.27	9.027	0.0048	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
					4.43	7.081	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	10.514	0.0056	-2.5 to 2.5	Pass
				0	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				10	3.85	6.781	0.0036	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
				50	3.85	8.554	0.0046	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	1.230	0.0006	-2.5 to 2.5	Pass
					3.85	3.691	0.0019	-2.5 to 2.5	Pass
					4.43	1.345	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.562	0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0009	-2.5 to 2.5	Pass
				10	3.85	5.336	0.0028	-2.5 to 2.5	Pass
				30	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				40	3.85	4.063	0.0021	-2.5 to 2.5	Pass
				50	3.85	-6.938	-0.0036	-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	5.965	0.0032	-2.5 to 2.5	Pass
					3.85	5.293	0.0029	-2.5 to 2.5	Pass
					4.43	3.119	0.0017	-2.5 to 2.5	Pass
				-30	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.204	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				10	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	6.809	0.0036	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
					4.43	5.765	0.0031	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	5.951	0.0032	-2.5 to 2.5	Pass
				-10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				30	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				50	3.85	1.431	0.0008	-2.5 to 2.5	Pass

	1908.5	15	0	20	3.27	10.142	0.0053	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0017	-2.5 to 2.5	Pass
					4.43	6.309	0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.575	0.0013	-2.5 to 2.5	Pass
				-10	3.85	3.247	0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				10	3.85	5.636	0.0030	-2.5 to 2.5	Pass
				30	3.85	11.530	0.0060	-2.5 to 2.5	Pass
				40	3.85	3.033	0.0016	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-1.774	-0.0010	-2.5 to 2.5	Pass
					3.85	4.821	0.0026	-2.5 to 2.5	Pass
					4.43	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.85	8.726	0.0047	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.891	0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
				10	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				30	3.85	4.148	0.0022	-2.5 to 2.5	Pass
				40	3.85	3.562	0.0019	-2.5 to 2.5	Pass
				50	3.85	2.975	0.0016	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-0.343	-0.0002	-2.5 to 2.5	Pass
					3.85	0.787	0.0004	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	6.495	0.0035	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				0	3.85	4.320	0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.85	5.579	0.0030	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-1.545	-0.0008	-2.5 to 2.5	Pass
					3.85	2.632	0.0014	-2.5 to 2.5	Pass
					4.43	-1.502	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	6.995	0.0037	-2.5 to 2.5	Pass
				-10	3.85	5.794	0.0030	-2.5 to 2.5	Pass
				0	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				10	3.85	5.836	0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.360	-0.0012	-2.5 to 2.5	Pass
				40	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				50	3.85	2.675	0.0014	-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	-0.815	-0.0004	-2.5 to 2.5	Pass
					3.85	-4.478	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.164	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				50	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	5.994	0.0032	-2.5 to 2.5	Pass
					3.85	5.765	0.0031	-2.5 to 2.5	Pass
					4.43	-2.732	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.018	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	3.233	0.0017	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	6.051	0.0032	-2.5 to 2.5	Pass
				40	3.85	3.376	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.904	0.0015	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	1.674	0.0009	-2.5 to 2.5	Pass
					3.85	1.173	0.0006	-2.5 to 2.5	Pass
					4.43	1.659	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.345	0.0007	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-0.243	-0.0001	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
					4.43	1.373	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.005	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				50	3.85	2.489	0.0013	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	6.909	0.0037	-2.5 to 2.5	Pass
					4.43	-2.346	-0.0012	-2.5 to 2.5	Pass

				-30	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				-20	3.85	5.908	0.0031	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0025	-2.5 to 2.5	Pass
				0	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	0.429	0.0002	-2.5 to 2.5	Pass
					3.85	-2.174	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.704	-0.0014	-2.5 to 2.5	Pass
				10	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				30	3.85	4.520	0.0024	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0007	-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	0.815	0.0004	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				40	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				50	3.85	0.758	0.0004	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-2.146	-0.0011	-2.5 to 2.5	Pass
					3.85	1.545	0.0008	-2.5 to 2.5	Pass
					4.43	2.933	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0008	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	6.609	0.0035	-2.5 to 2.5	Pass
					3.85	4.907	0.0026	-2.5 to 2.5	Pass
					4.43	6.280	0.0033	-2.5 to 2.5	Pass

16QAM	1855	50	0	-30	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				-10	3.85	4.263	0.0022	-2.5 to 2.5	Pass
				0	3.85	4.978	0.0026	-2.5 to 2.5	Pass
				10	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				30	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				40	3.85	2.546	0.0013	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	0.172	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				50	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				20	3.27	2.689	0.0014	-2.5 to 2.5	Pass
					3.85	3.448	0.0018	-2.5 to 2.5	Pass
					4.43	2.117	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	3.705	0.0019	-2.5 to 2.5	Pass
					3.85	4.234	0.0022	-2.5 to 2.5	Pass
					4.43	4.663	0.0024	-2.5 to 2.5	Pass
				-30	3.85	4.106	0.0022	-2.5 to 2.5	Pass
				-20	3.85	4.435	0.0023	-2.5 to 2.5	Pass
				-10	3.85	4.792	0.0025	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				30	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				40	3.85	4.606	0.0024	-2.5 to 2.5	Pass
				50	3.85	2.961	0.0016	-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	2.046	0.0011	-2.5 to 2.5	Pass
					3.85	1.202	0.0006	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0001	-2.5 to 2.5	Pass

				-30	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				-20	3.85	4.005	0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.402	0.0008	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	3.920	0.0021	-2.5 to 2.5	Pass
					3.85	2.861	0.0015	-2.5 to 2.5	Pass
					4.43	1.945	0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.490	0.0019	-2.5 to 2.5	Pass
				-20	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.435	0.0024	-2.5 to 2.5	Pass
				0	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	1.931	0.0010	-2.5 to 2.5	Pass
					3.85	0.186	0.0001	-2.5 to 2.5	Pass
					4.43	0.558	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	2.961	0.0016	-2.5 to 2.5	Pass
					3.85	2.217	0.0012	-2.5 to 2.5	Pass
					4.43	1.574	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				-10	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.688	0.0009	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-3.419	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-1.187	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.089	-0.0011	-2.5 to 2.5	Pass

				-30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				40	3.85	5.708	0.0030	-2.5 to 2.5	Pass
				50	3.85	-0.114	-0.0001	-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	-6.337	-0.0034	-2.5 to 2.5	Pass
					3.85	-3.648	-0.0020	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.85	0.658	0.0004	-2.5 to 2.5	Pass
					4.43	-2.804	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	1.602	0.0008	-2.5 to 2.5	Pass
					3.85	1.330	0.0007	-2.5 to 2.5	Pass
					4.43	1.316	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-2.346	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0014	-2.5 to 2.5	Pass

				-30	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.220	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.322	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-1.960	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-0.472	-0.0002	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0022	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0010	-2.5 to 2.5	Pass
				10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				40	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				50	3.85	0.887	0.0005	-2.5 to 2.5	Pass

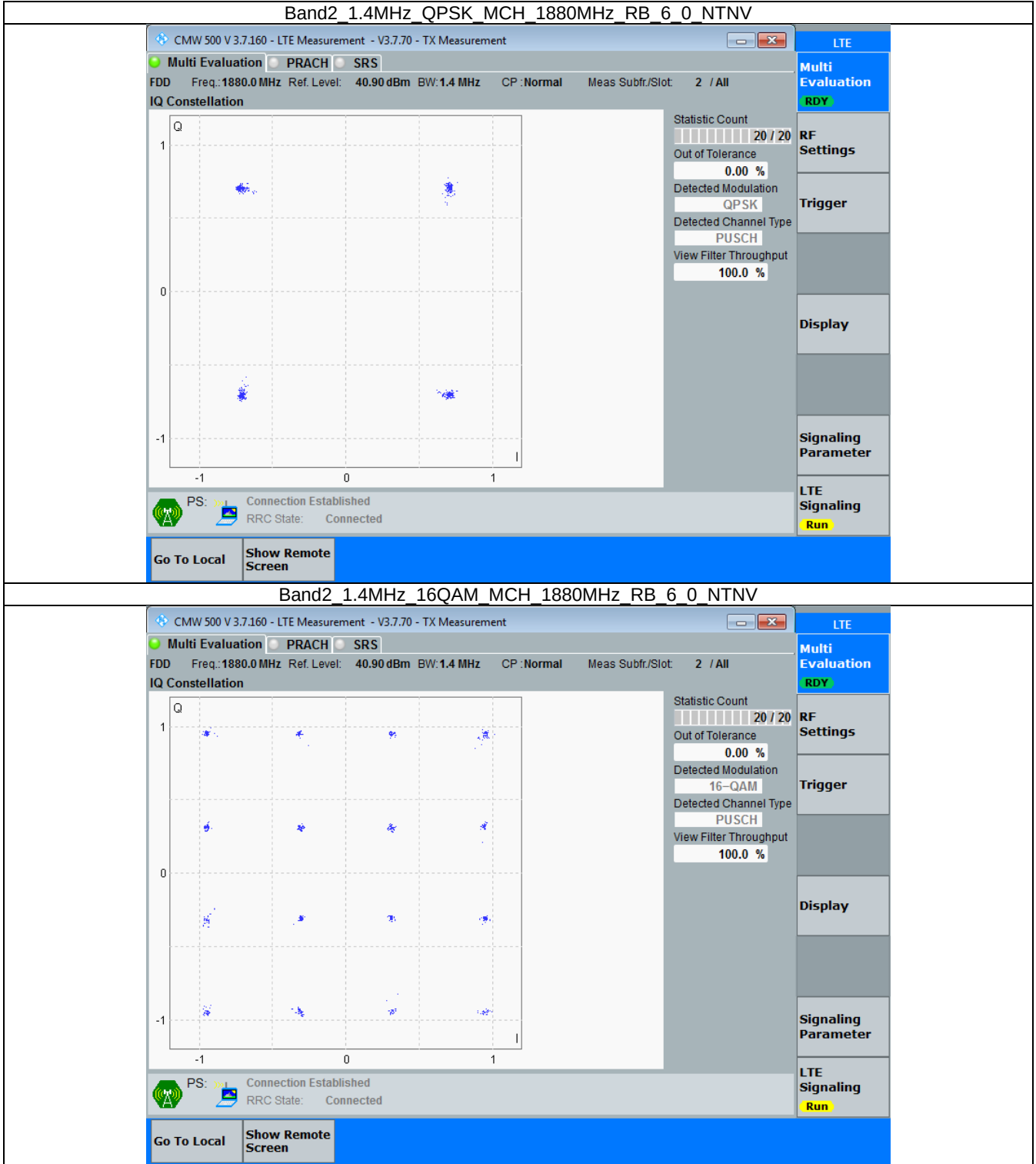
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
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

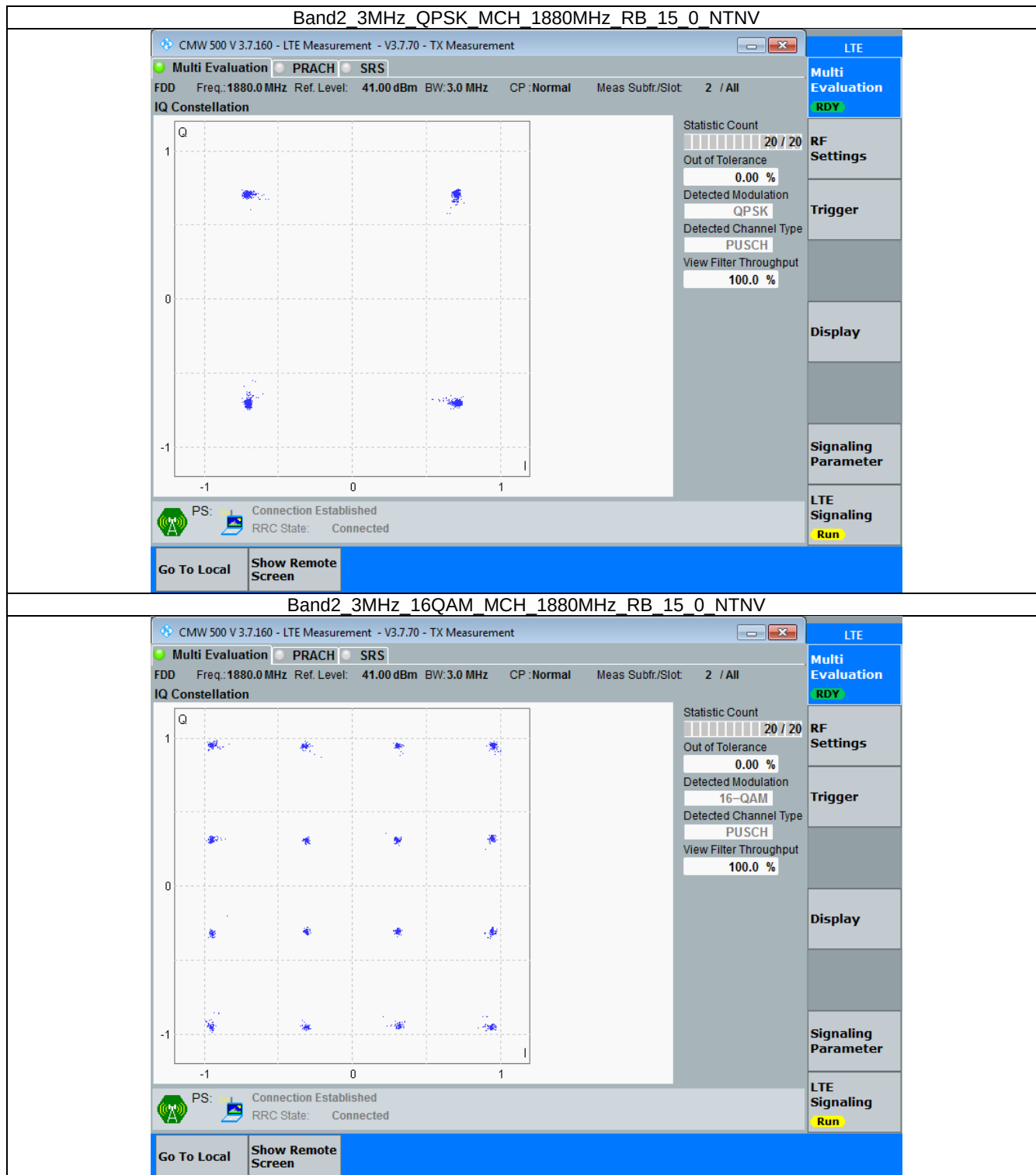


3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTV						
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

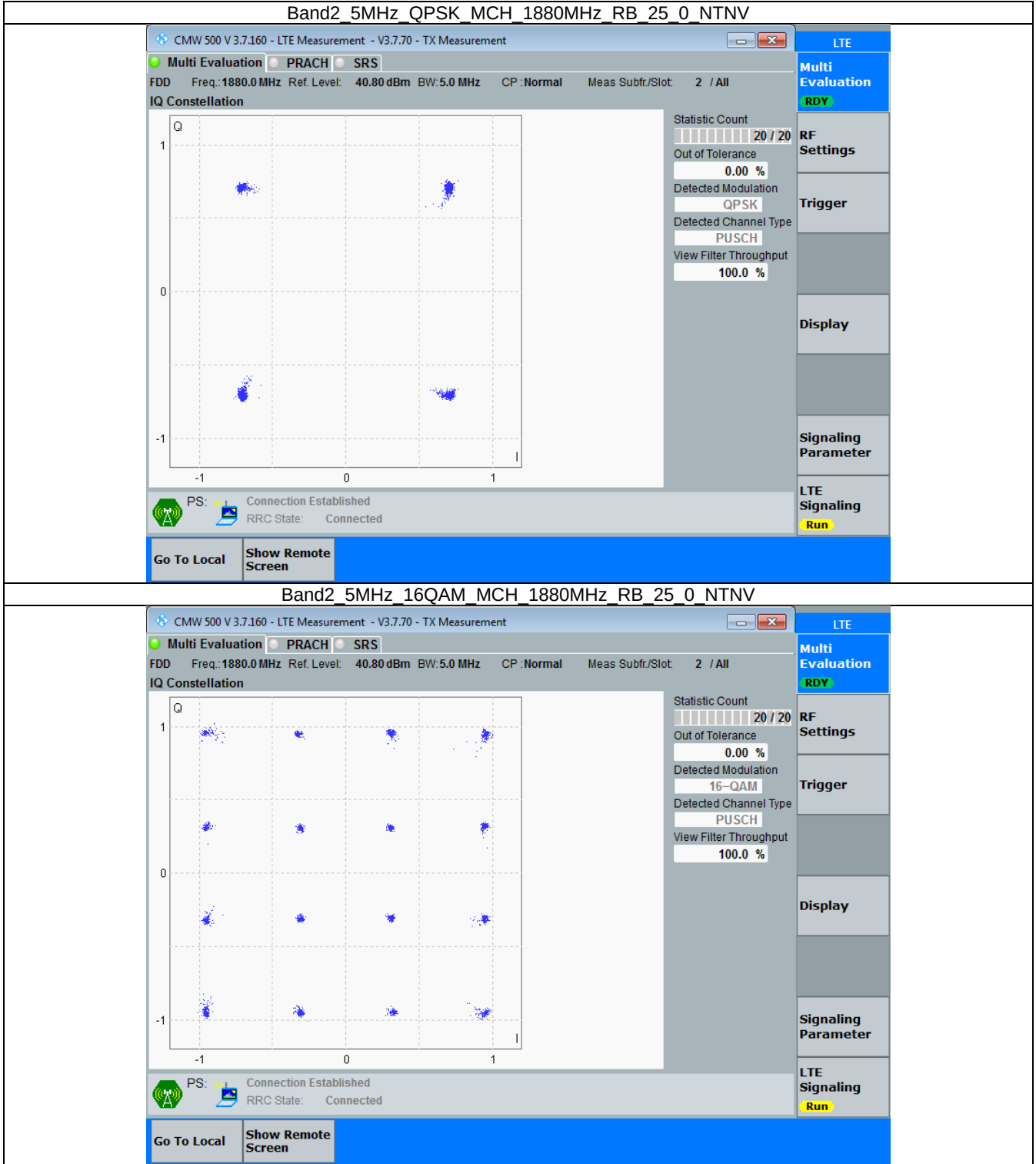


3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
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

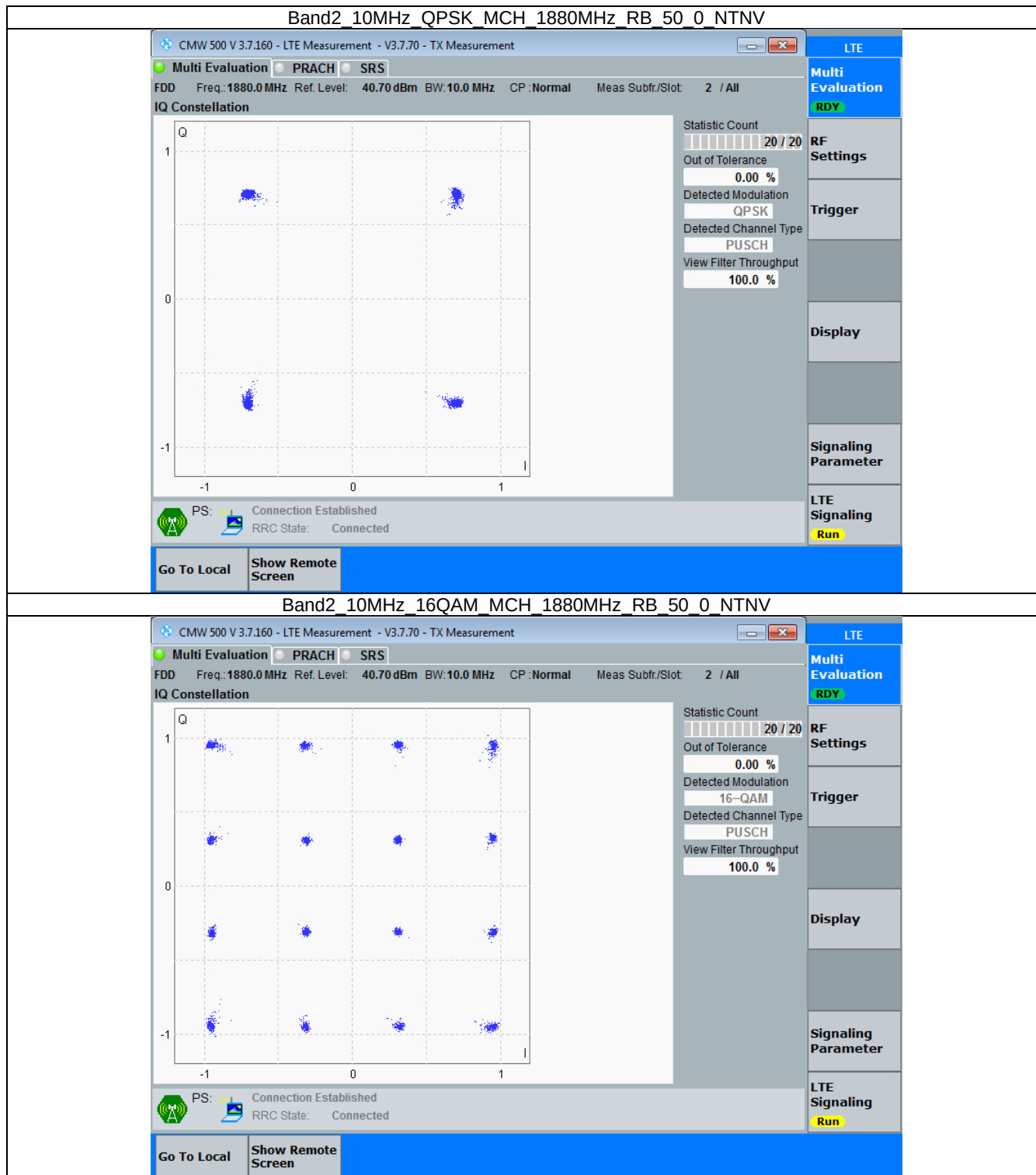


3.4 B2_10MHz

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

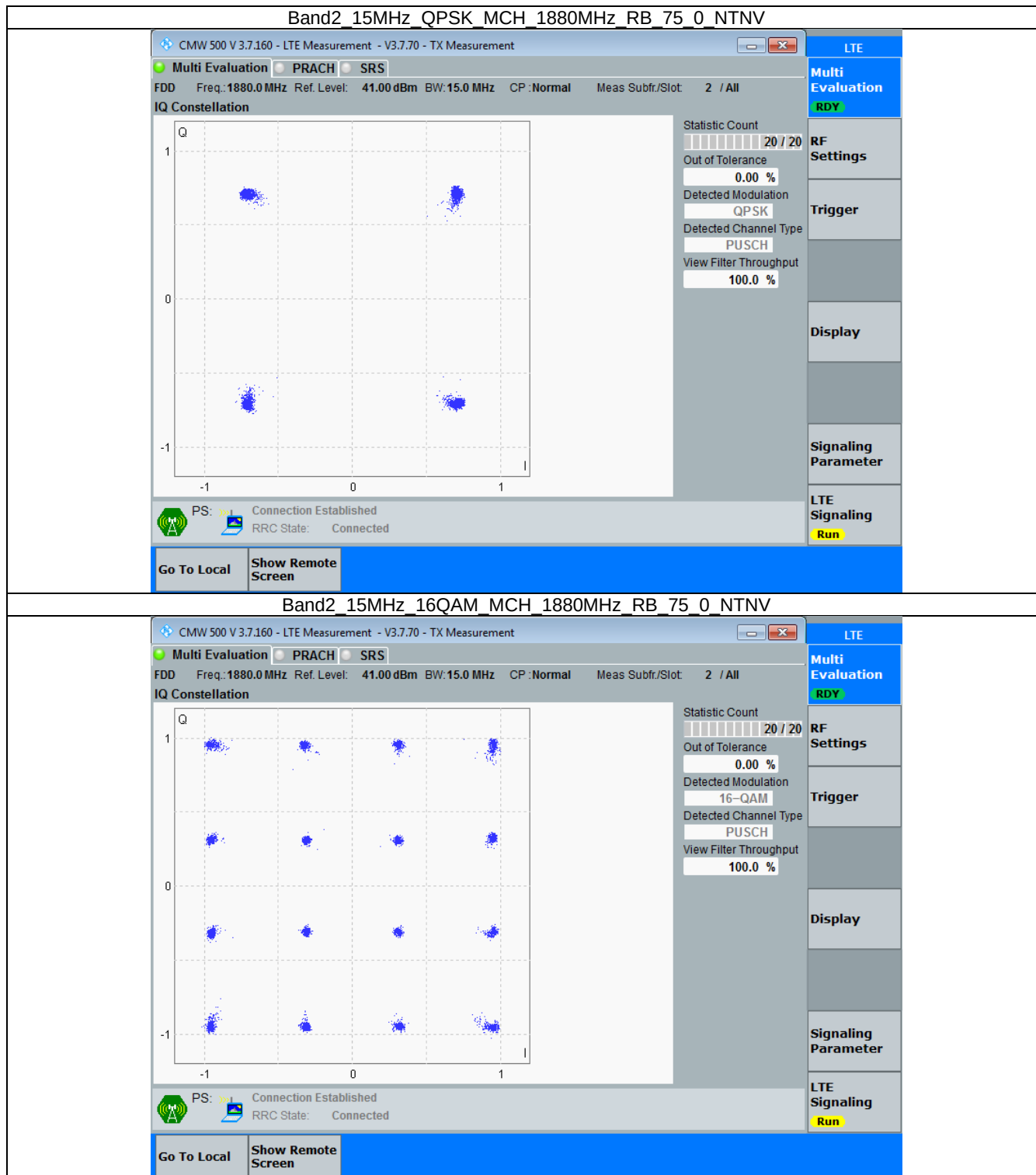


3.5 B2_15MHz

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

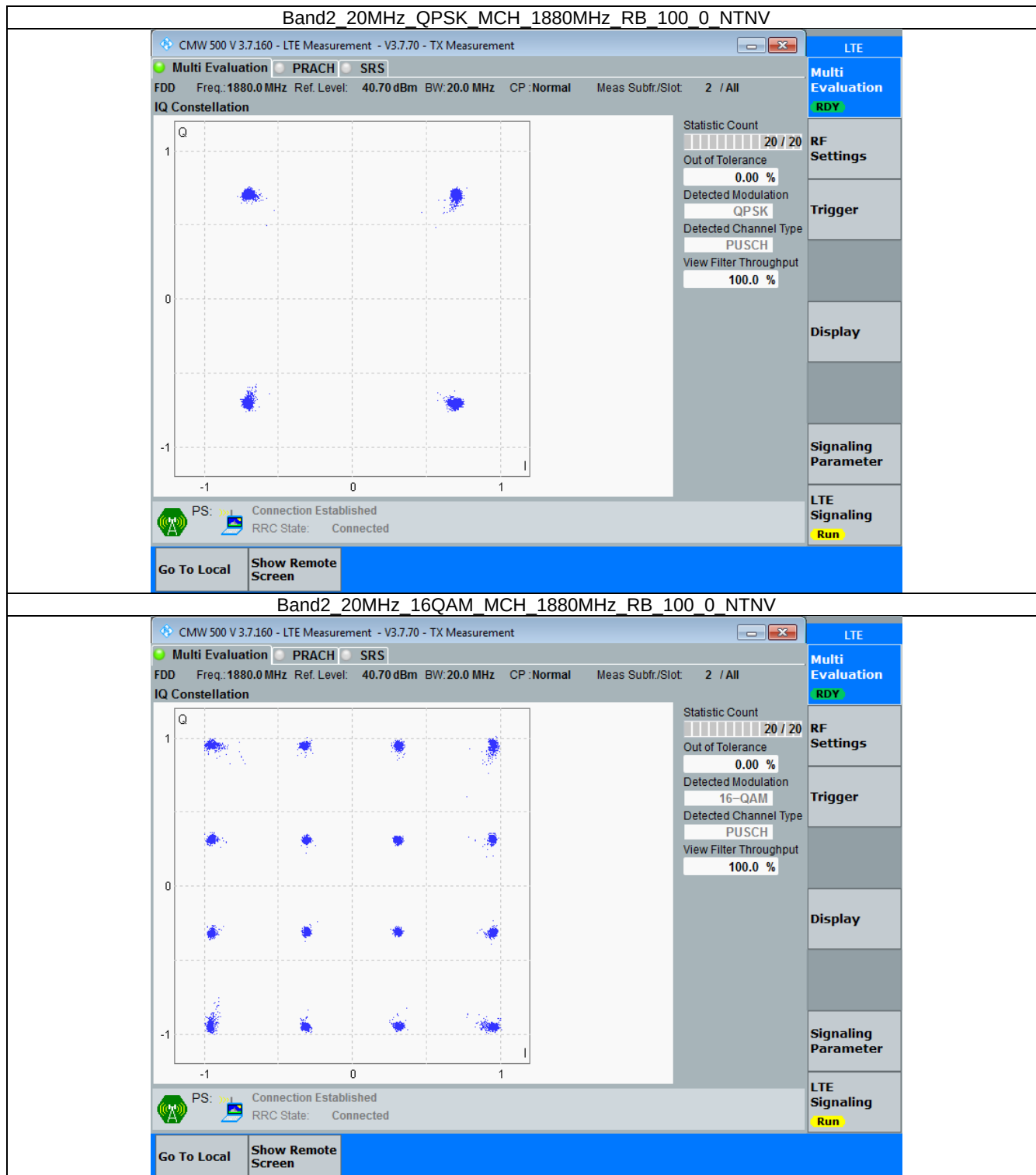


3.6 B2_20MHz

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



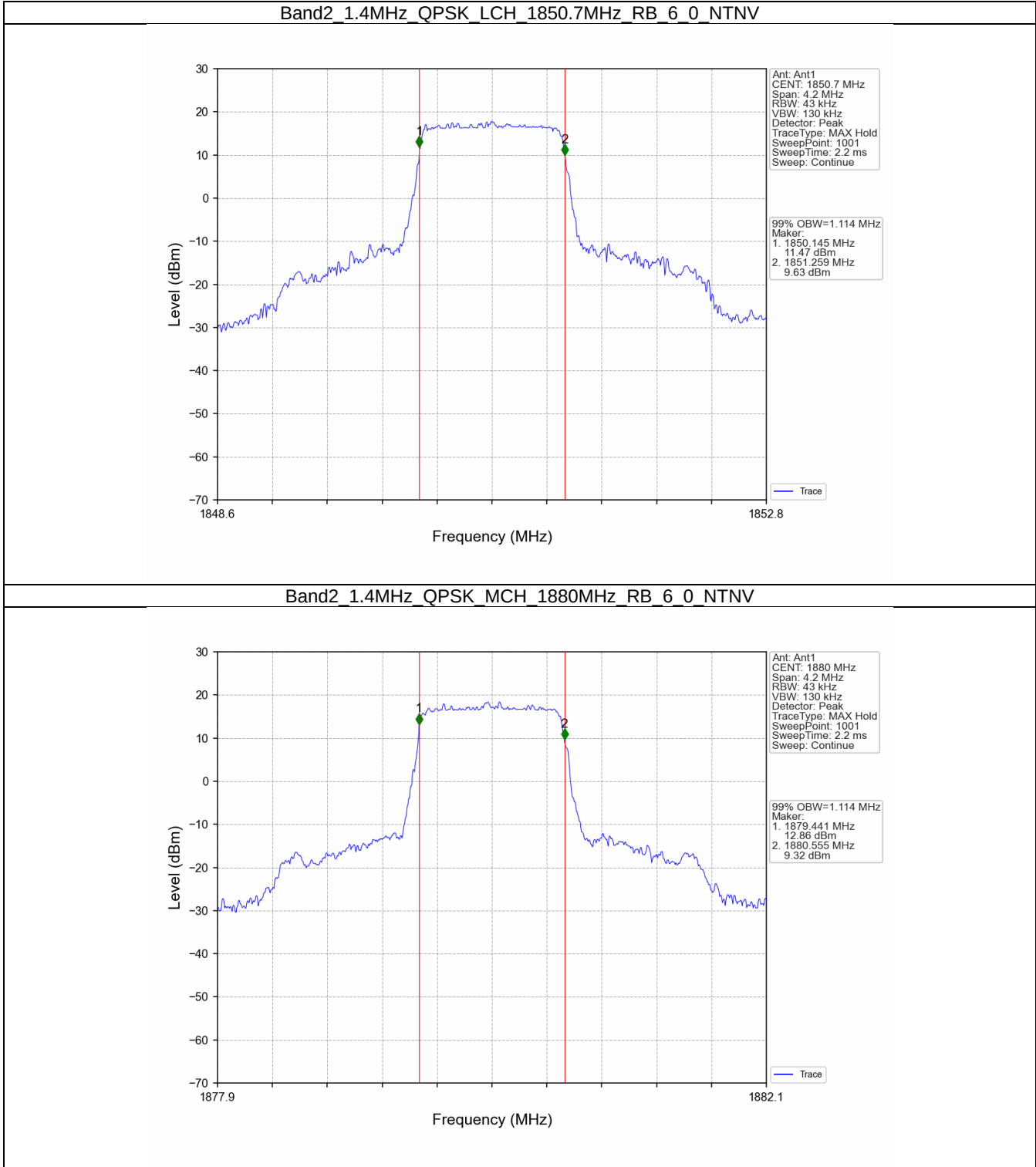
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

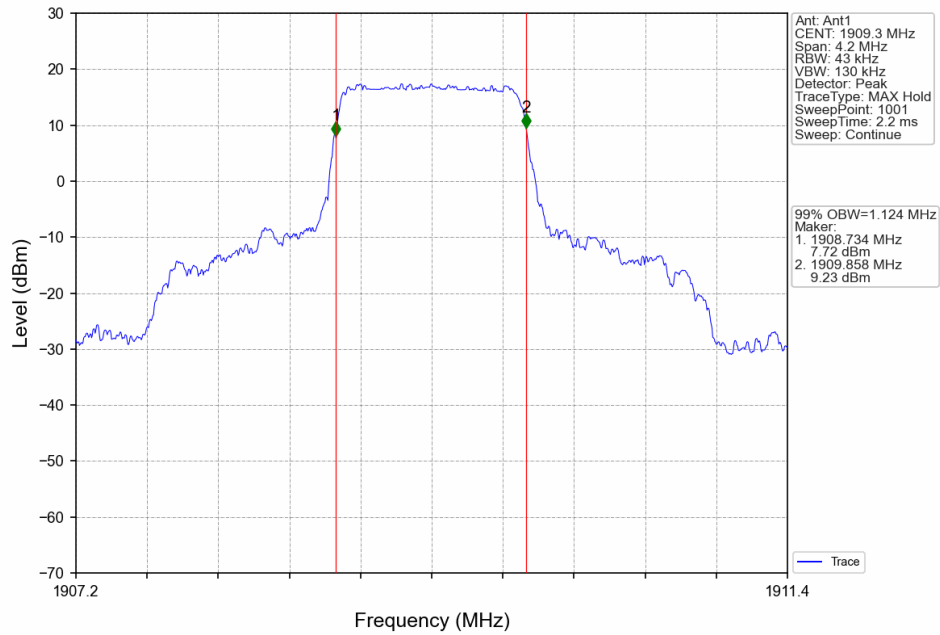
4.1.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.114	Pass
		1880	6	0	1.114	Pass
		1909.3	6	0	1.124	Pass
	16QAM	1850.7	6	0	1.110	Pass
		1880	6	0	1.113	Pass
		1909.3	6	0	1.125	Pass
3	QPSK	1851.5	15	0	2.730	Pass
		1880	15	0	2.735	Pass
		1908.5	15	0	2.736	Pass
	16QAM	1851.5	15	0	2.736	Pass
		1880	15	0	2.730	Pass
		1908.5	15	0	2.733	Pass
5	QPSK	1852.5	25	0	4.565	Pass
		1880	25	0	4.543	Pass
		1907.5	25	0	4.549	Pass
	16QAM	1852.5	25	0	4.560	Pass
		1880	25	0	4.575	Pass
		1907.5	25	0	4.544	Pass
10	QPSK	1855	50	0	9.038	Pass
		1880	50	0	9.026	Pass
		1905	50	0	9.019	Pass
	16QAM	1855	50	0	9.033	Pass
		1880	50	0	9.049	Pass
		1905	50	0	9.015	Pass
15	QPSK	1857.5	75	0	13.530	Pass
		1880	75	0	13.553	Pass
		1902.5	75	0	13.584	Pass
	16QAM	1857.5	75	0	13.564	Pass
		1880	75	0	13.607	Pass
		1902.5	75	0	13.616	Pass
20	QPSK	1860	100	0	18.034	Pass
		1880	100	0	18.063	Pass
		1900	100	0	18.149	Pass
	16QAM	1860	100	0	18.028	Pass
		1880	100	0	18.046	Pass
		1900	100	0	18.132	Pass

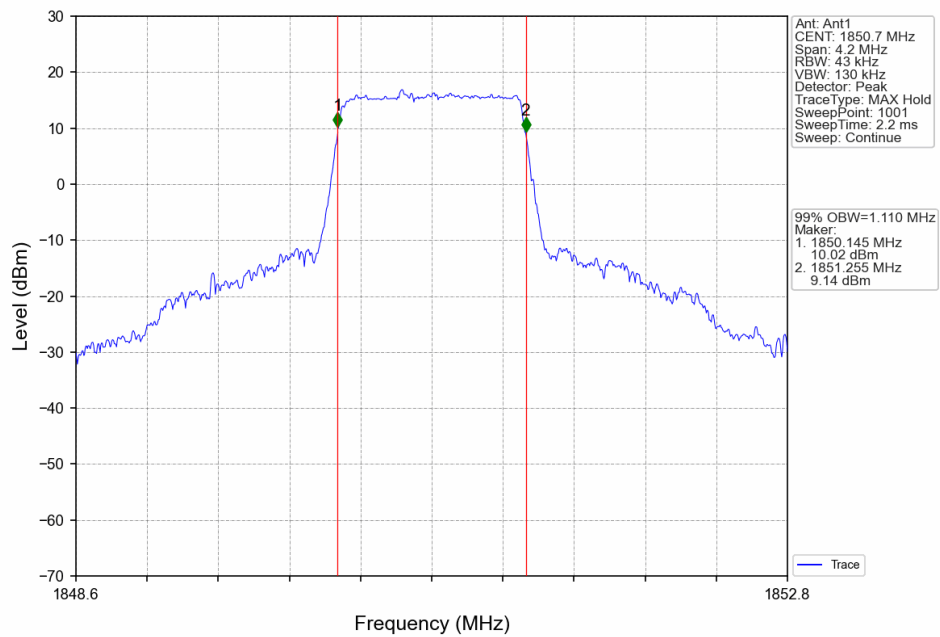
4.1.2 Test Graph



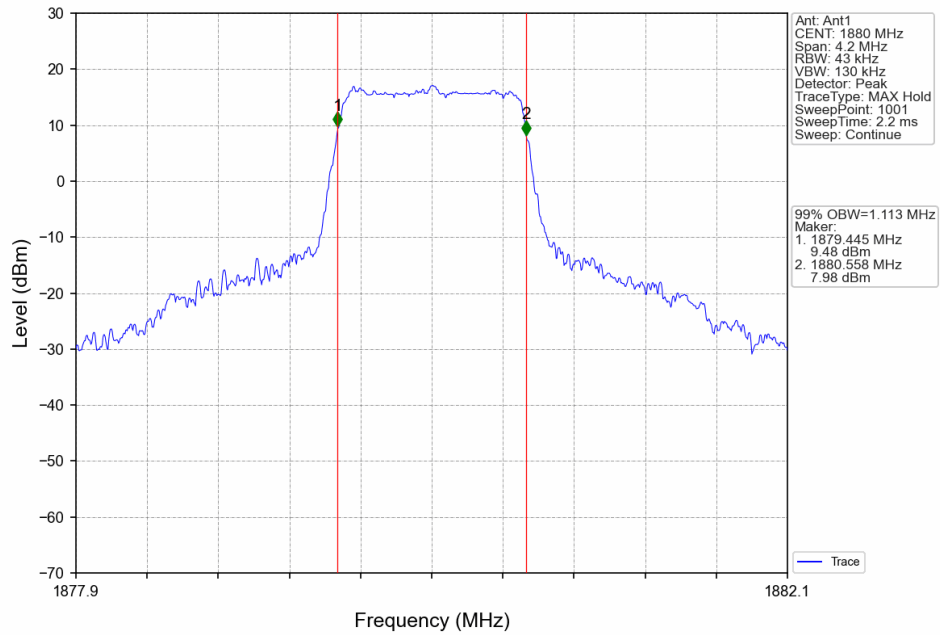
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



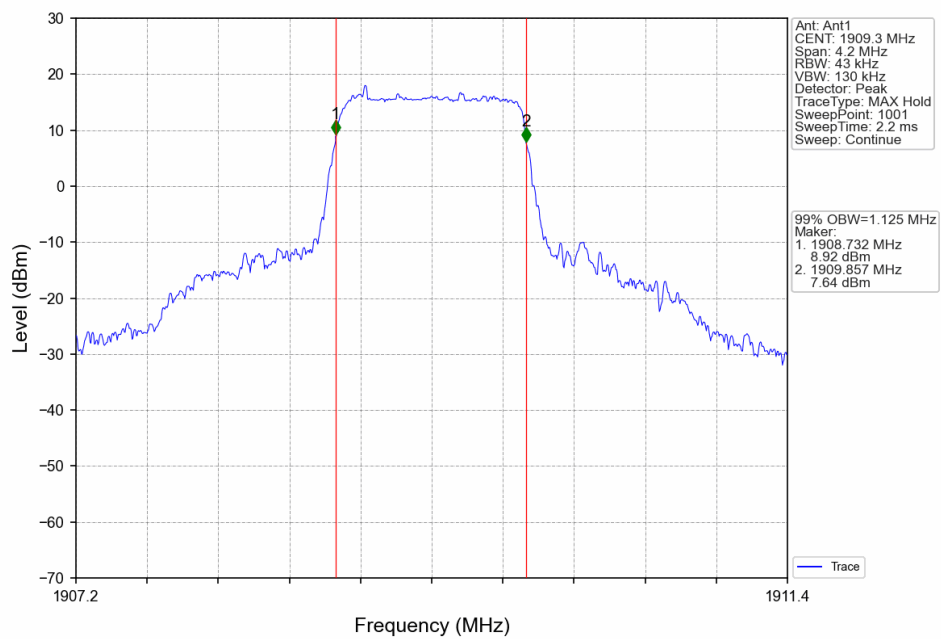
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



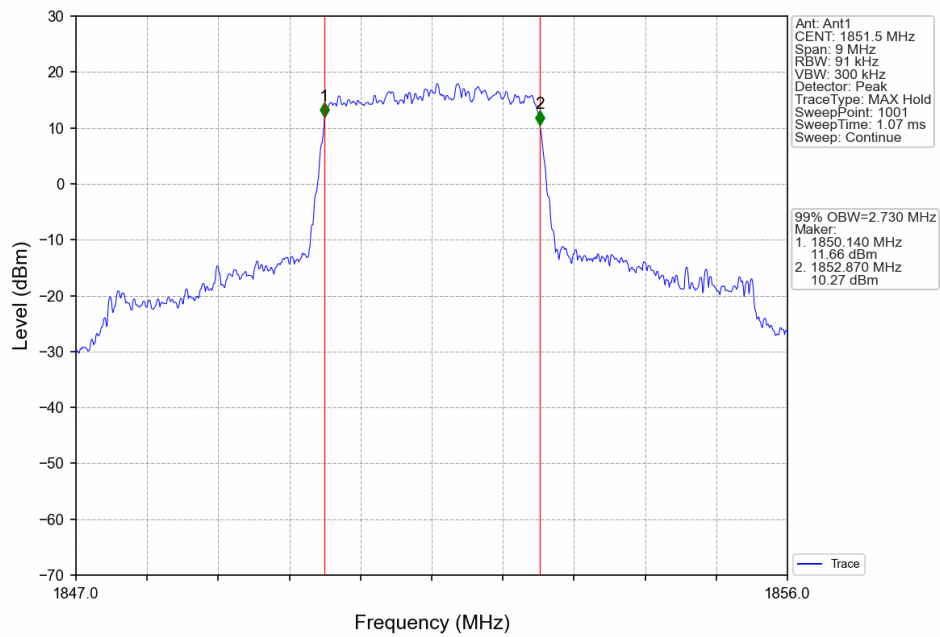
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



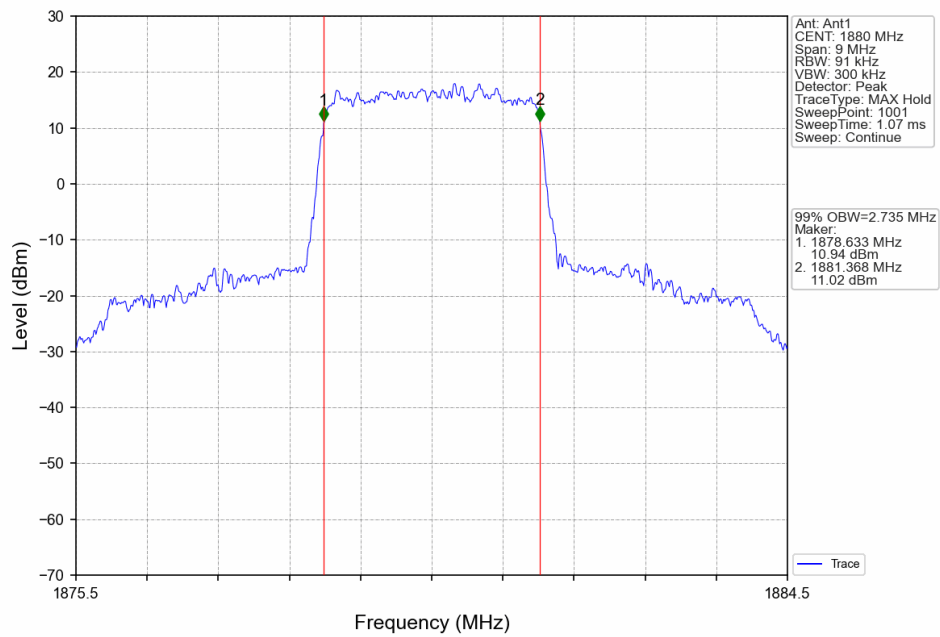
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



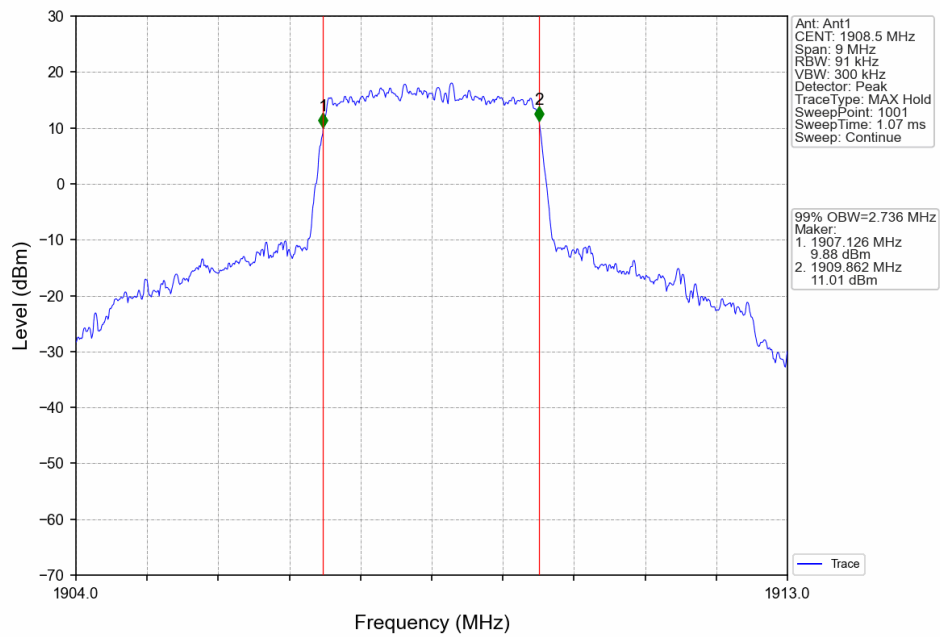
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



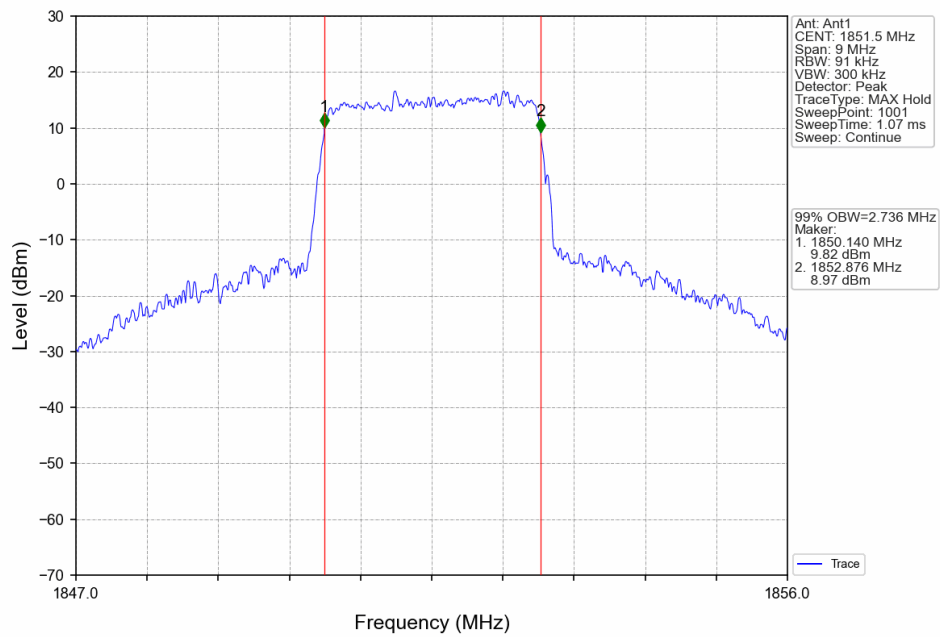
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



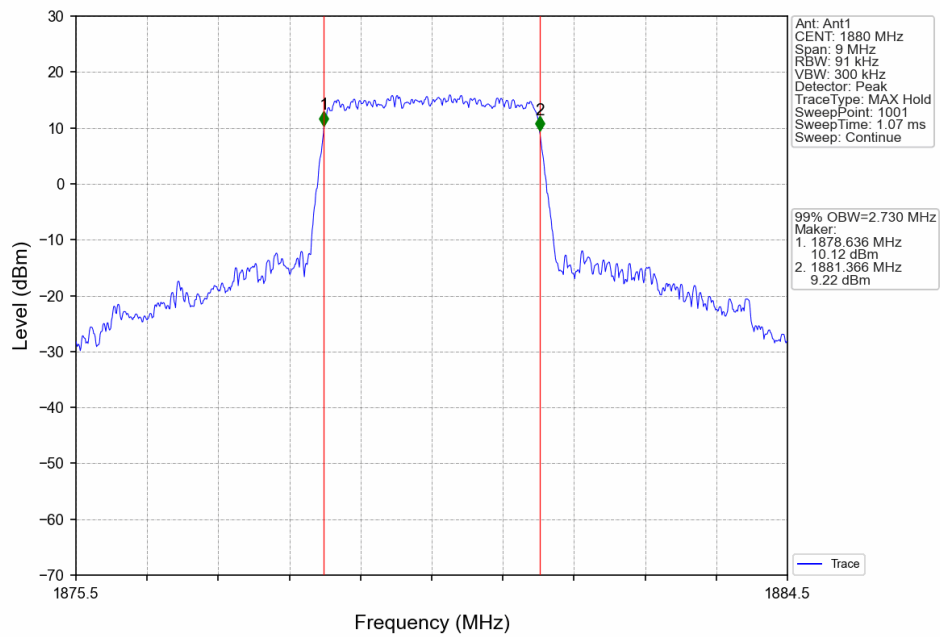
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



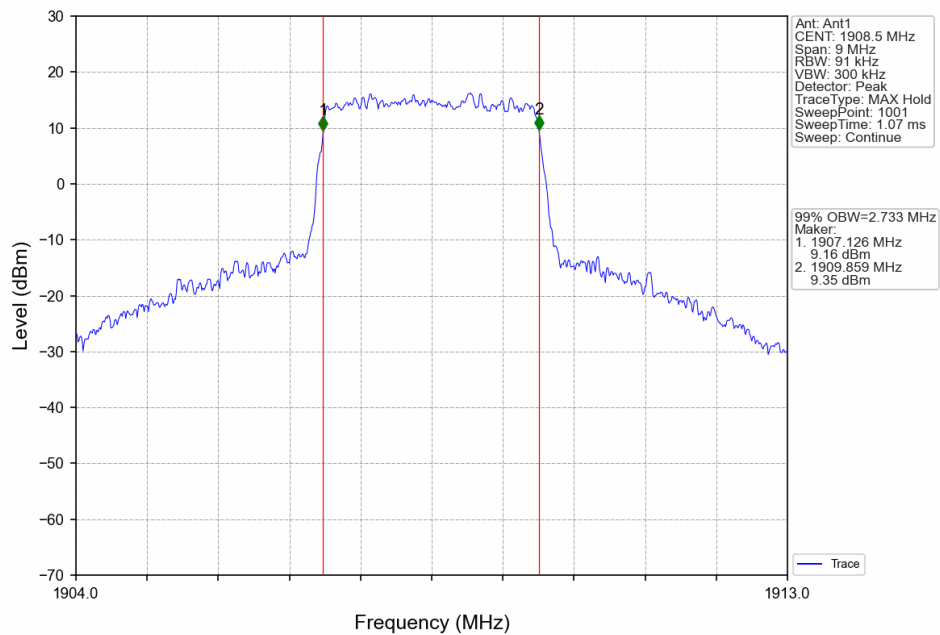
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



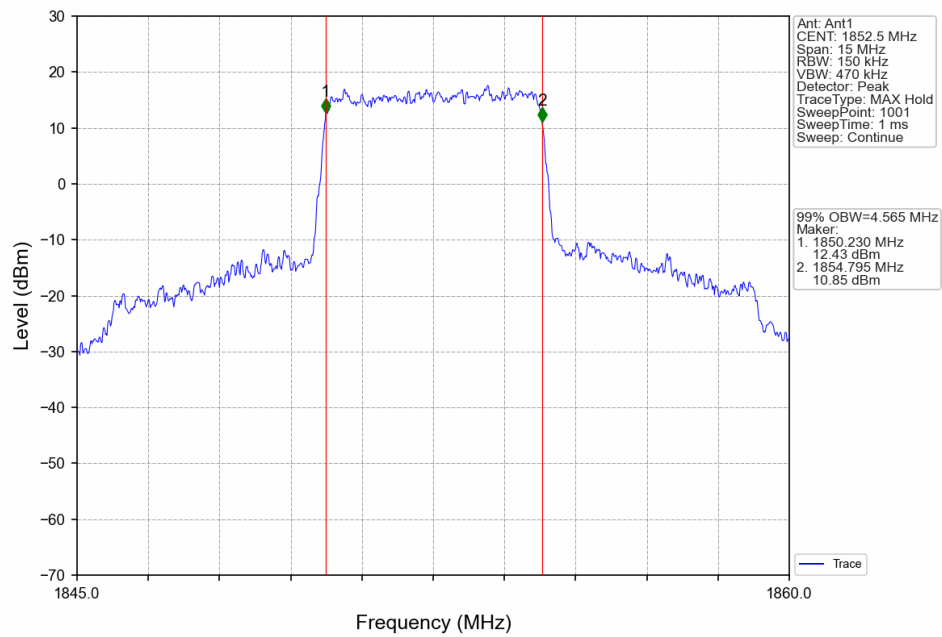
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



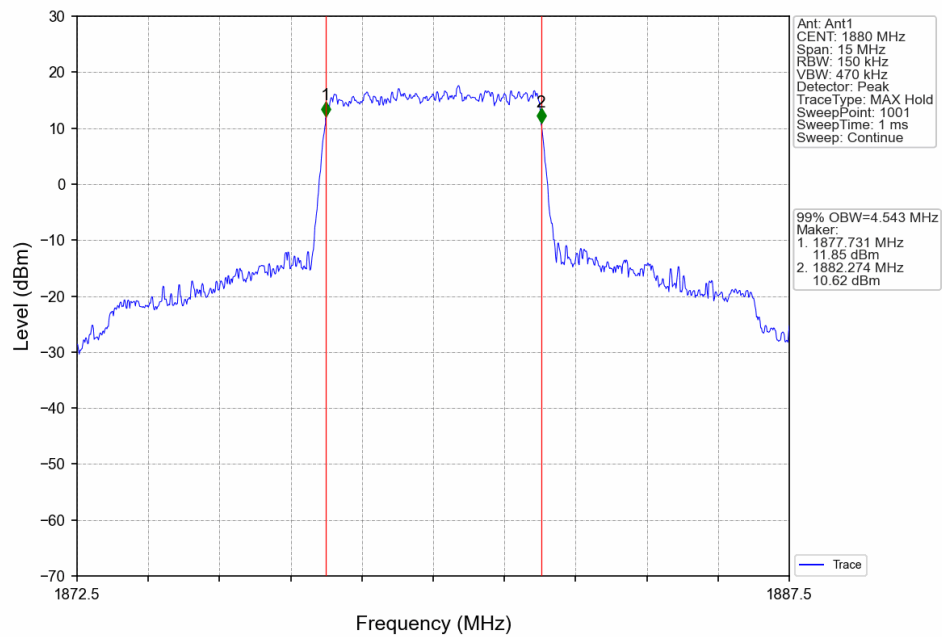
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



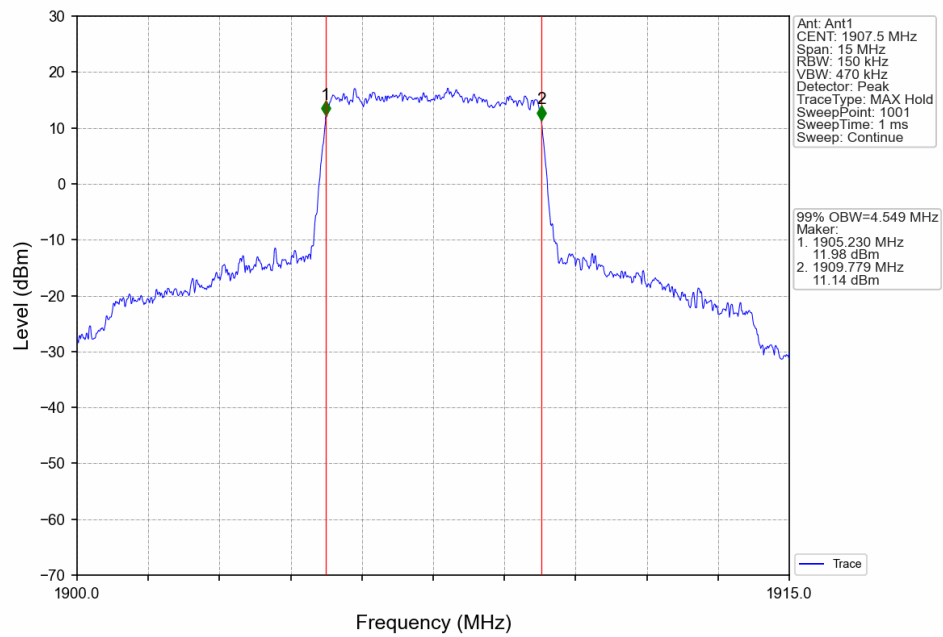
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



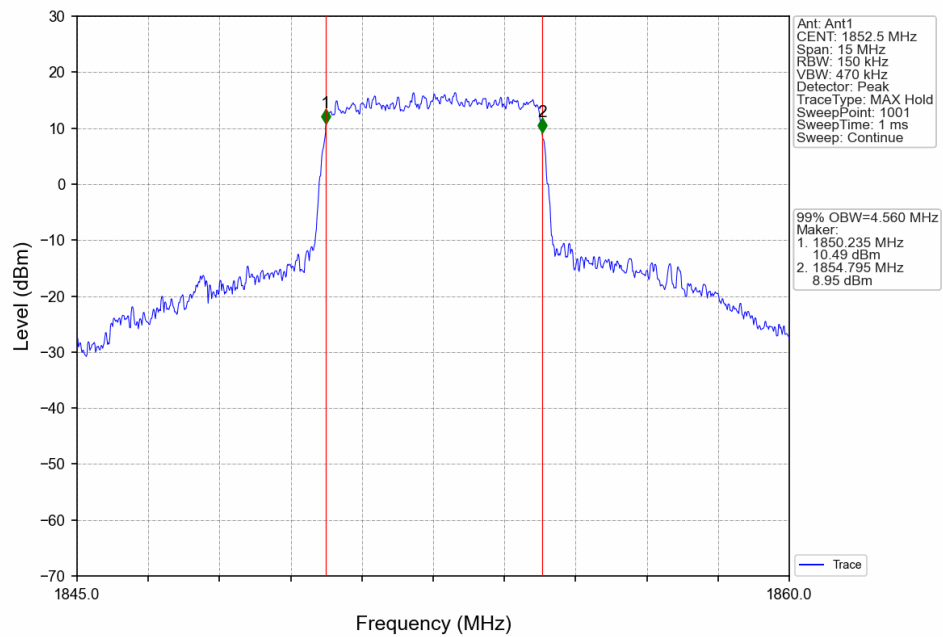
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



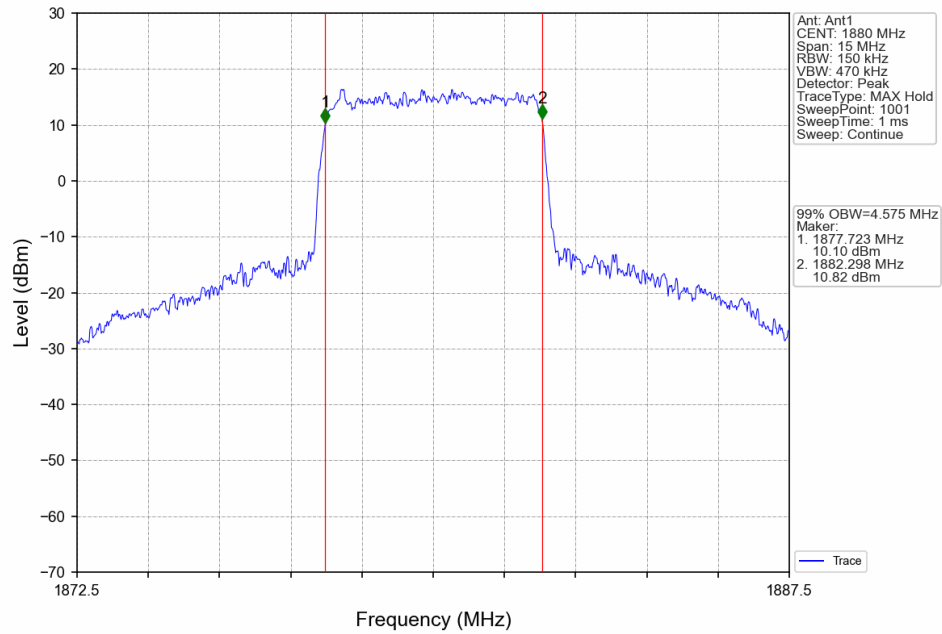
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



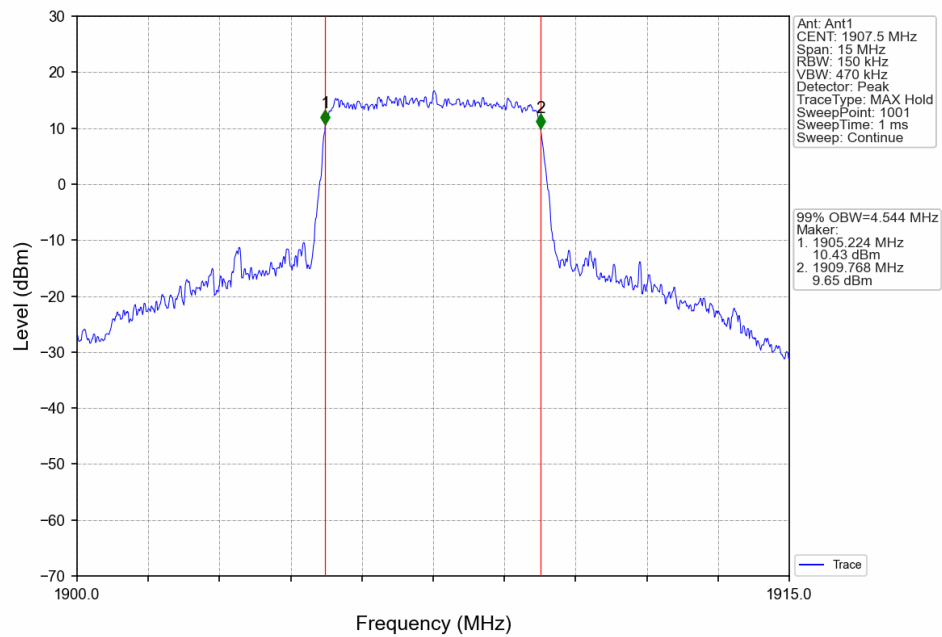
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



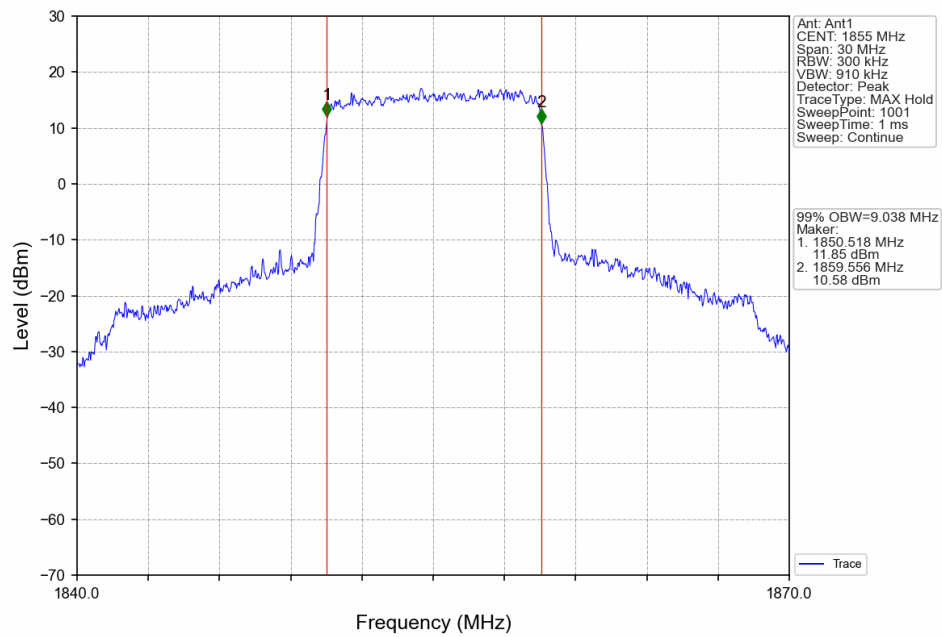
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



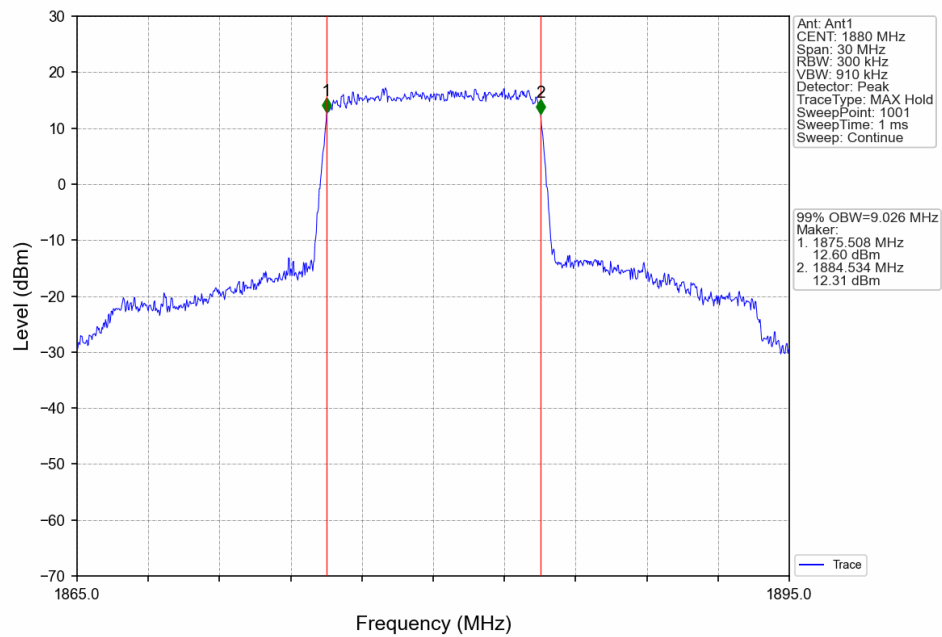
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



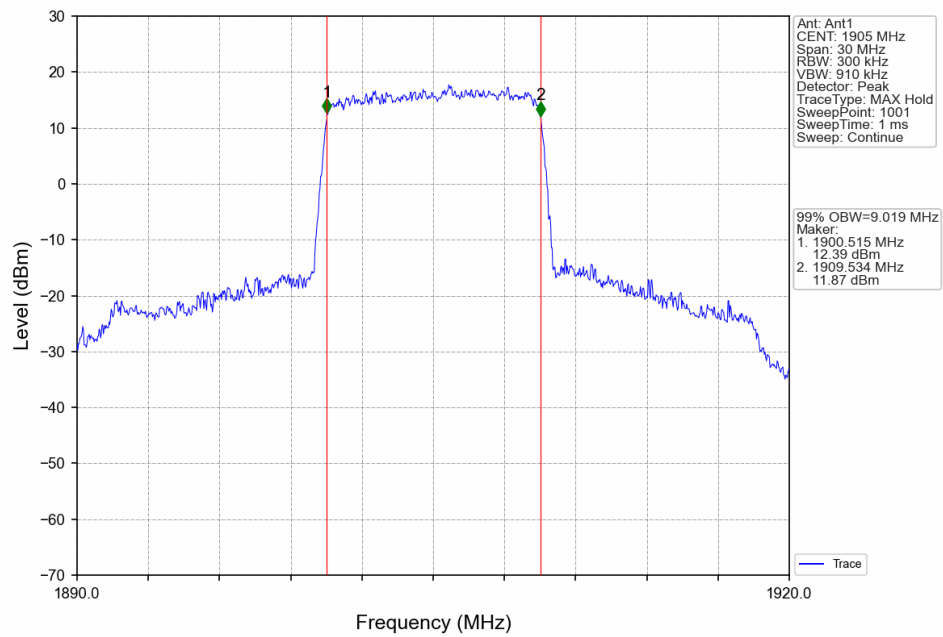
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



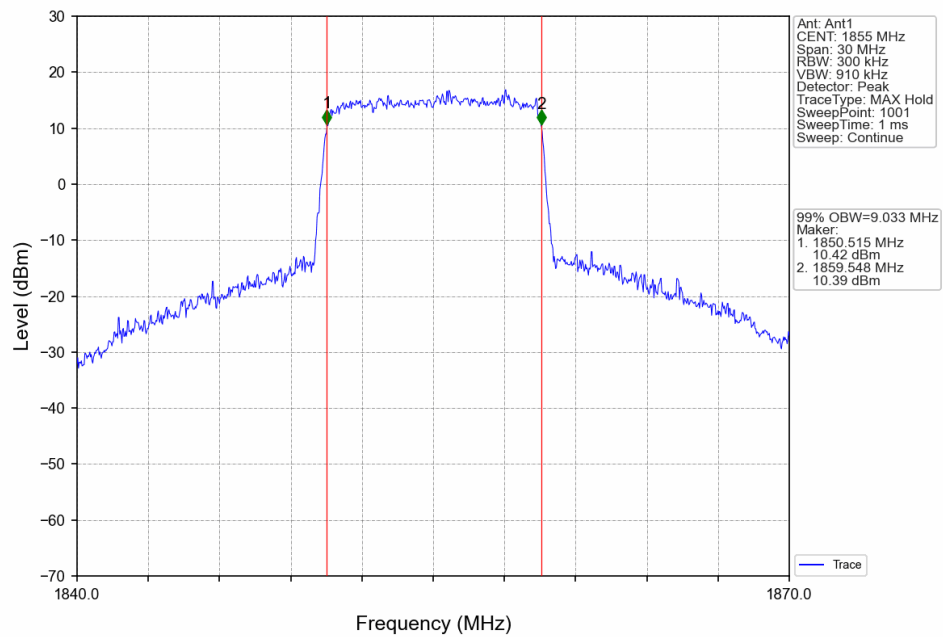
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



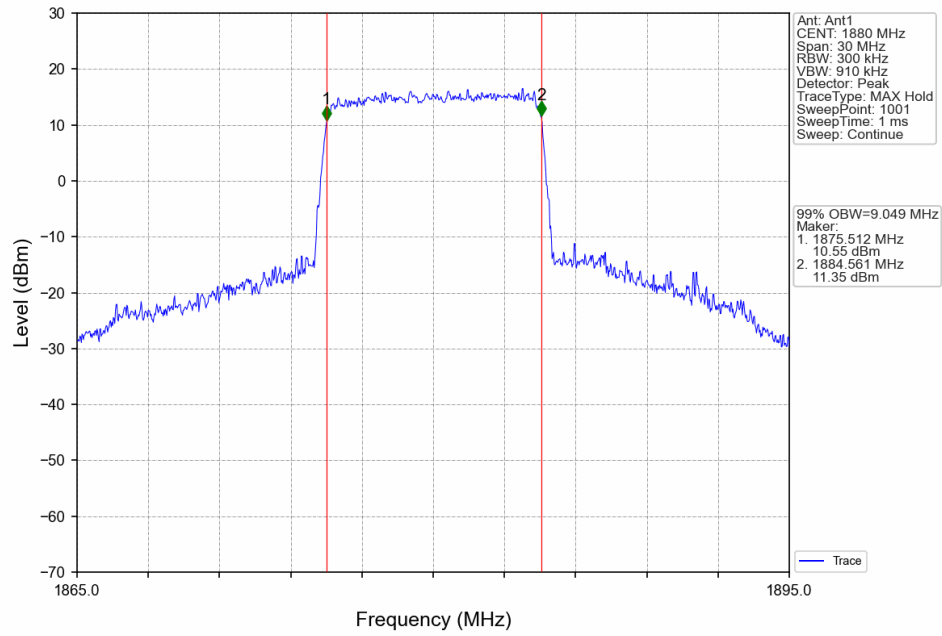
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



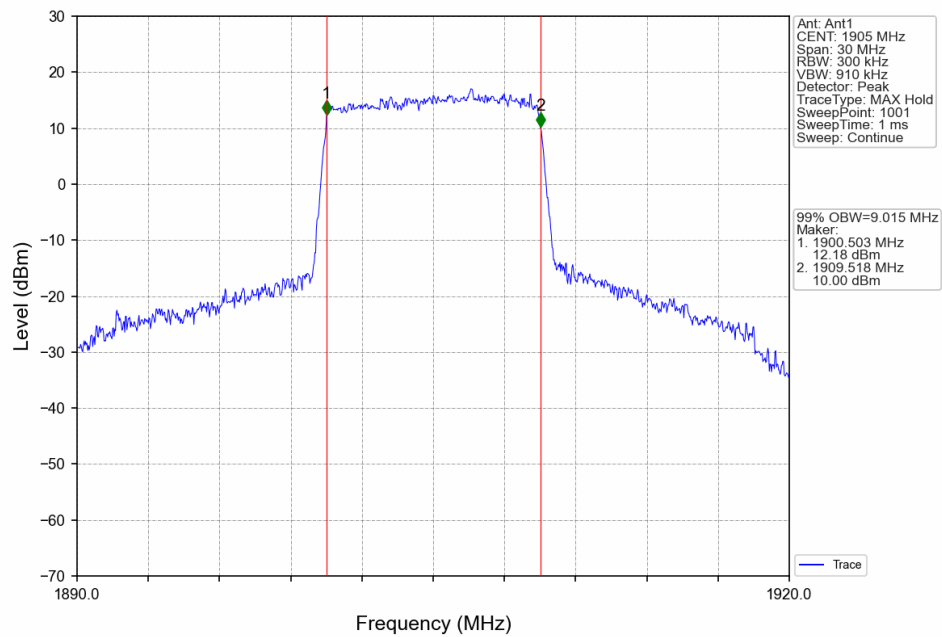
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



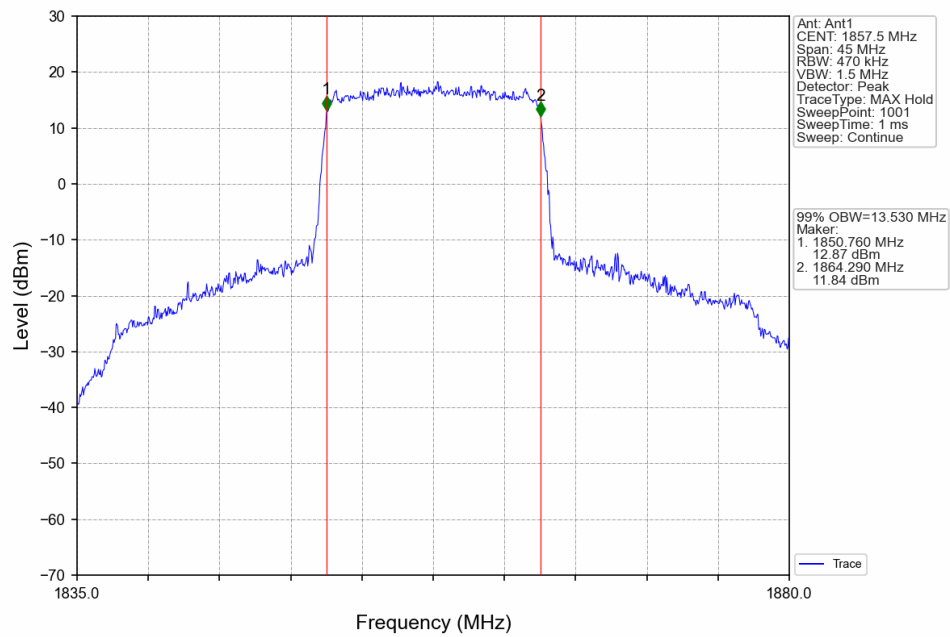
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



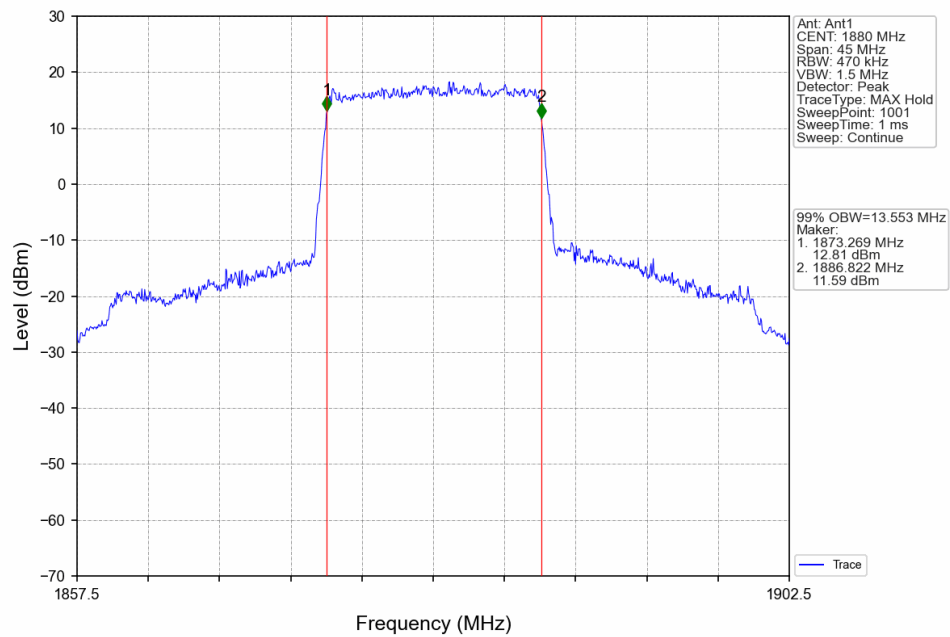
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



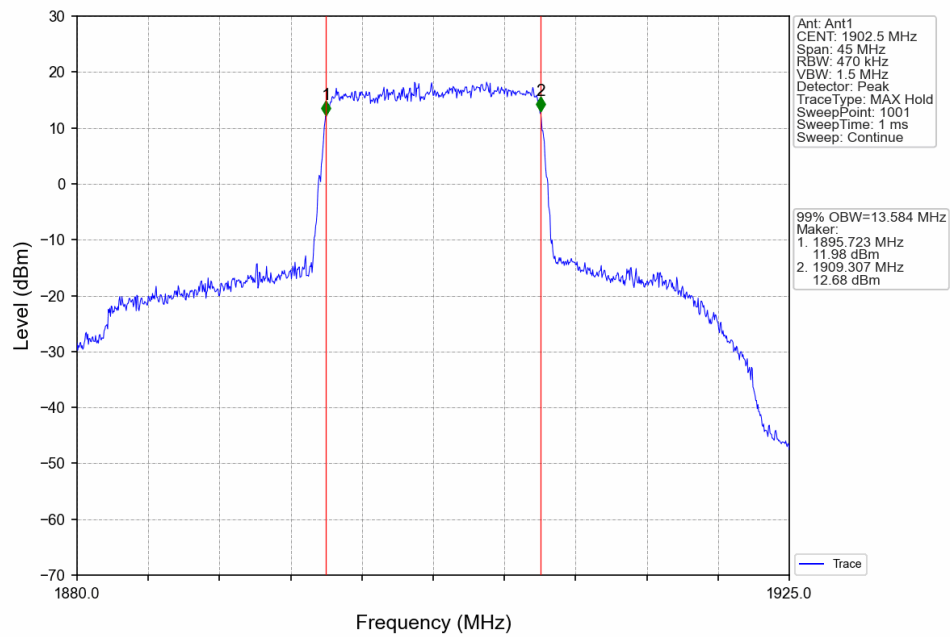
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



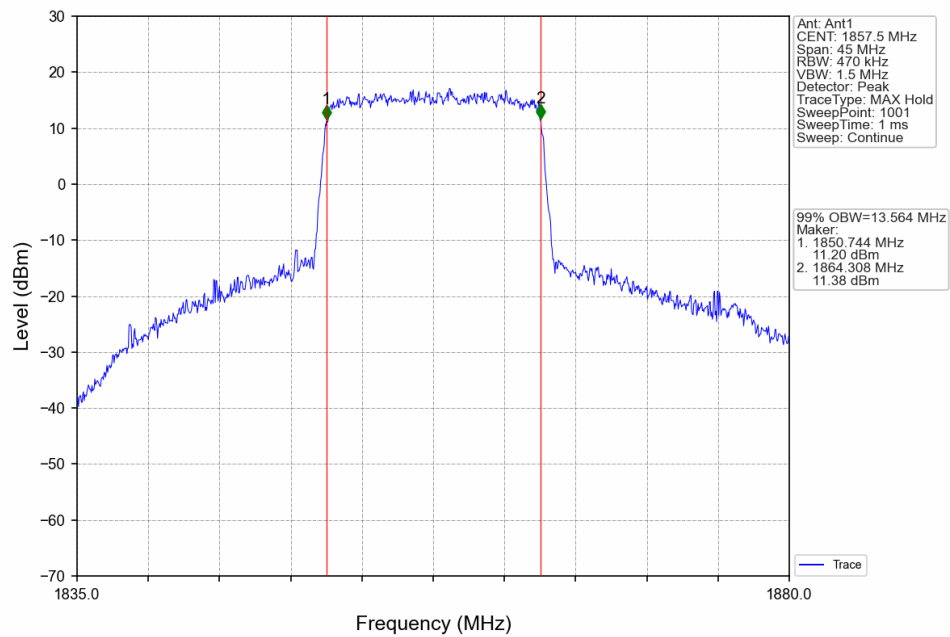
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



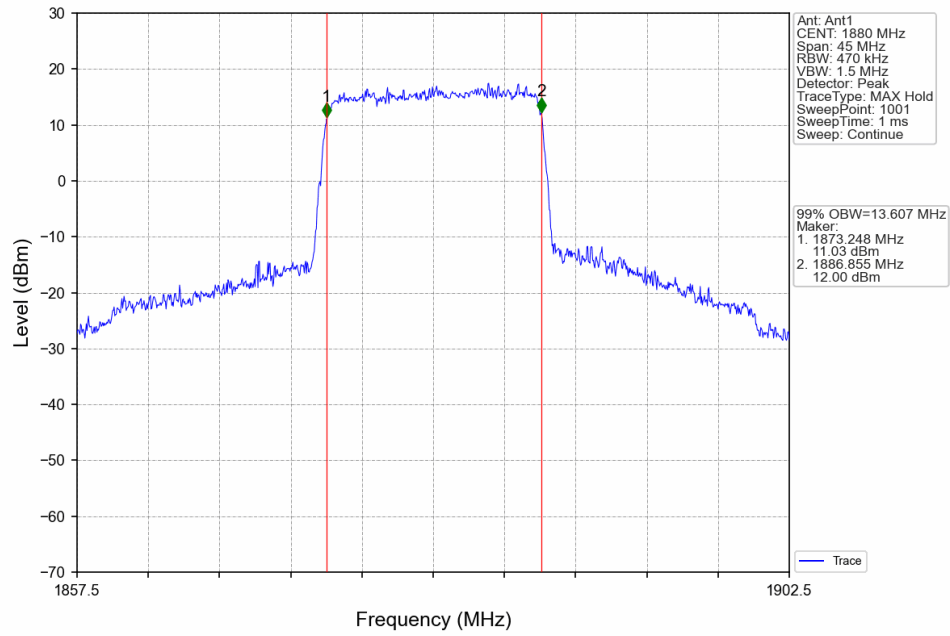
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



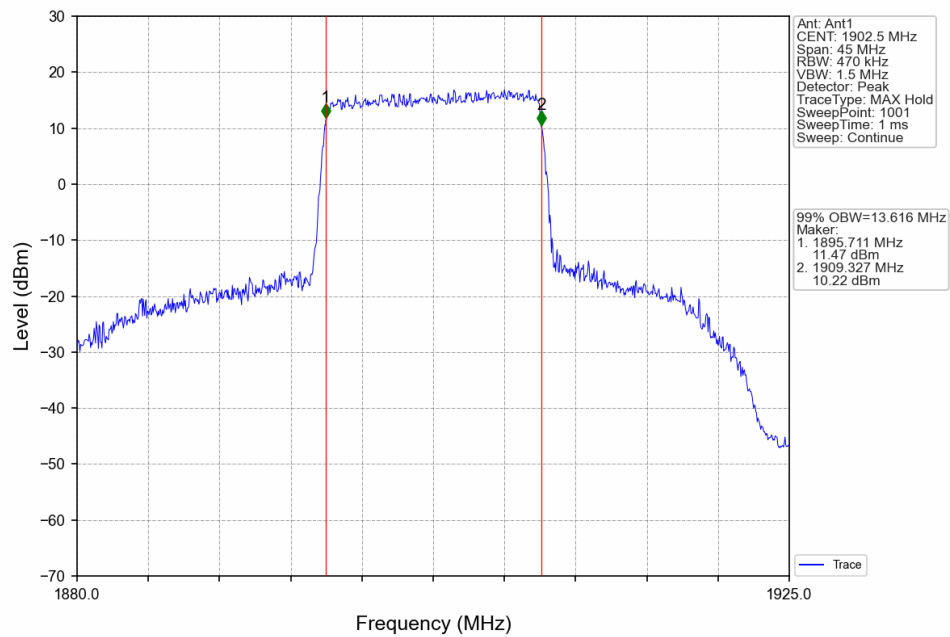
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



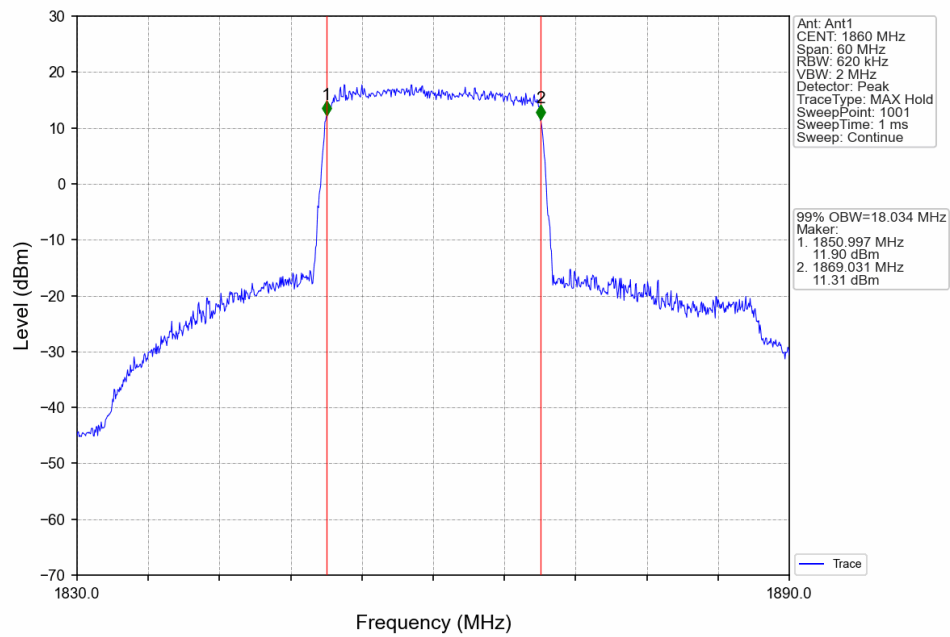
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



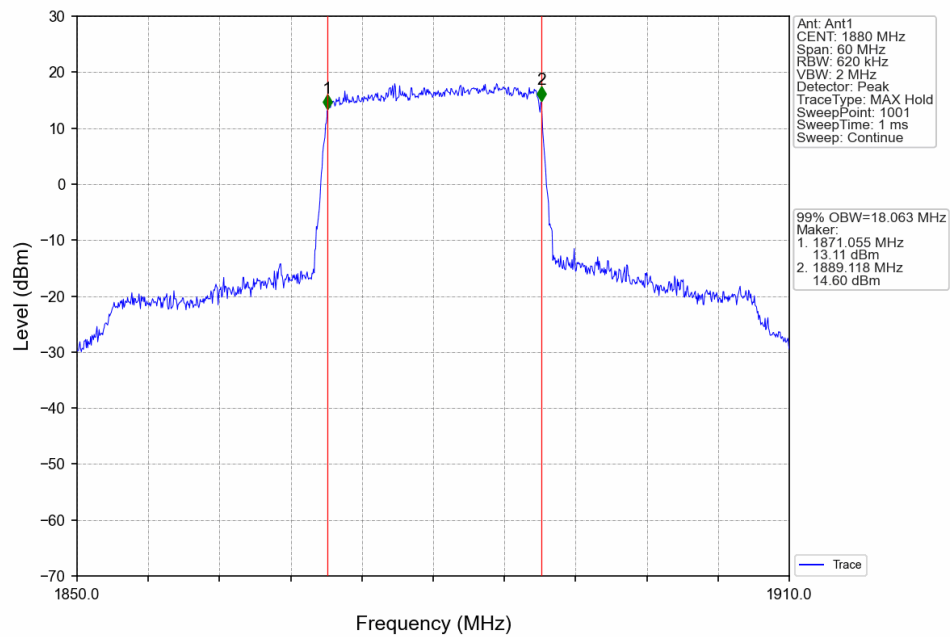
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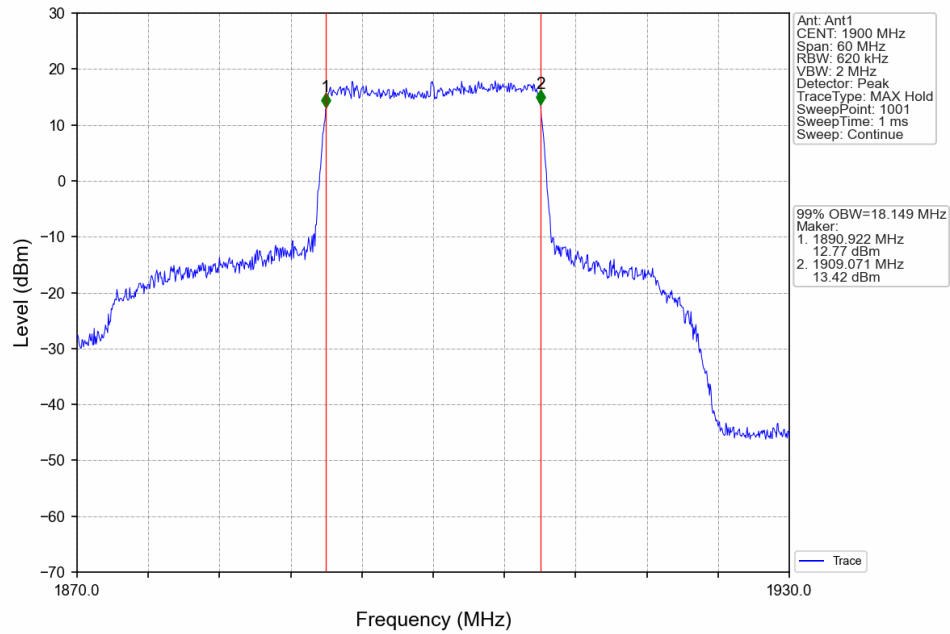
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



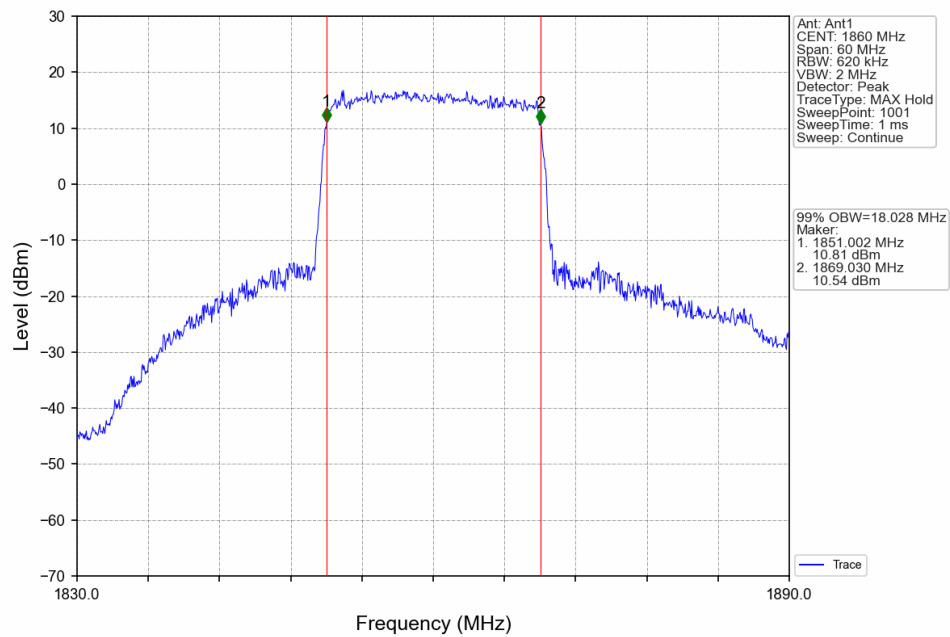
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



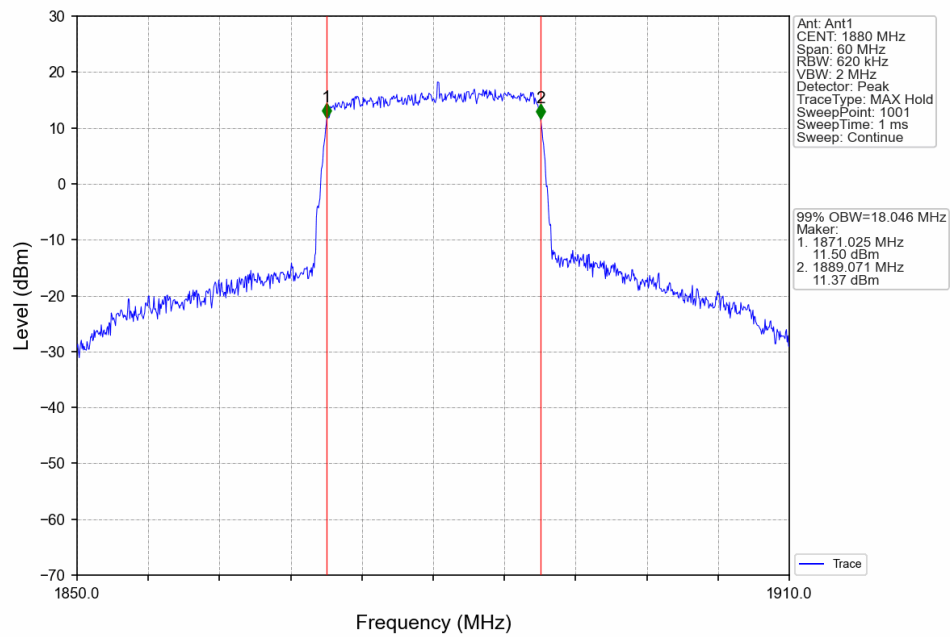
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



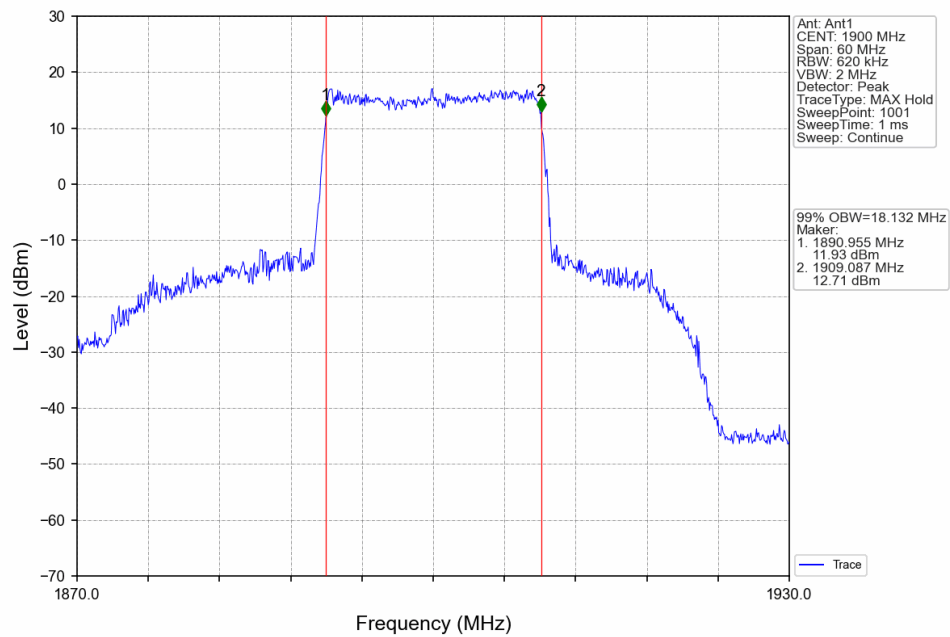
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

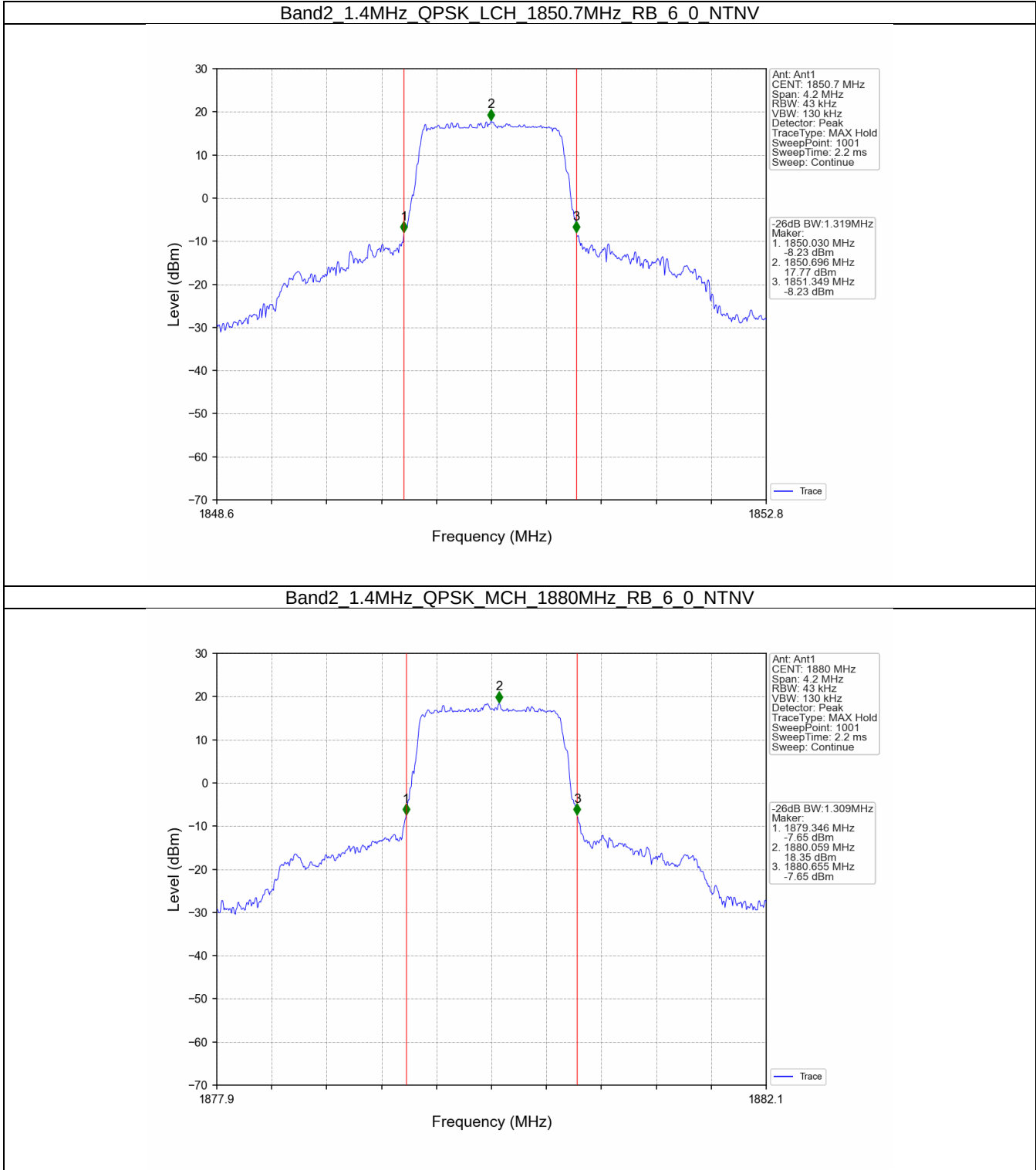


4.2 Band2_XDB

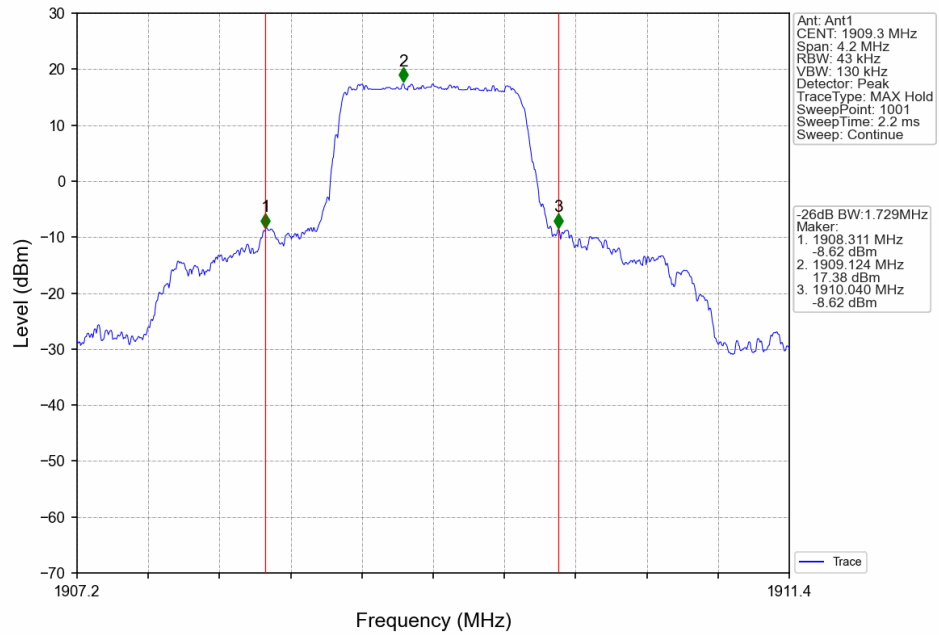
4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.319	Pass
		1880	6	0	1.309	Pass
		1909.3	6	0	1.729	Pass
	16QAM	1850.7	6	0	1.298	Pass
		1880	6	0	1.316	Pass
		1909.3	6	0	1.314	Pass
3	QPSK	1851.5	15	0	3.044	Pass
		1880	15	0	3.065	Pass
		1908.5	15	0	3.033	Pass
	16QAM	1851.5	15	0	3.052	Pass
		1880	15	0	3.061	Pass
		1908.5	15	0	3.080	Pass
5	QPSK	1852.5	25	0	4.983	Pass
		1880	25	0	5.021	Pass
		1907.5	25	0	5.039	Pass
	16QAM	1852.5	25	0	4.990	Pass
		1880	25	0	5.019	Pass
		1907.5	25	0	5.014	Pass
10	QPSK	1855	50	0	9.958	Pass
		1880	50	0	9.865	Pass
		1905	50	0	9.872	Pass
	16QAM	1855	50	0	9.891	Pass
		1880	50	0	9.890	Pass
		1905	50	0	9.905	Pass
15	QPSK	1857.5	75	0	14.814	Pass
		1880	75	0	14.973	Pass
		1902.5	75	0	14.841	Pass
	16QAM	1857.5	75	0	14.832	Pass
		1880	75	0	14.815	Pass
		1902.5	75	0	14.805	Pass
20	QPSK	1860	100	0	19.650	Pass
		1880	100	0	19.832	Pass
		1900	100	0	19.788	Pass
	16QAM	1860	100	0	19.631	Pass
		1880	100	0	19.777	Pass
		1900	100	0	19.771	Pass

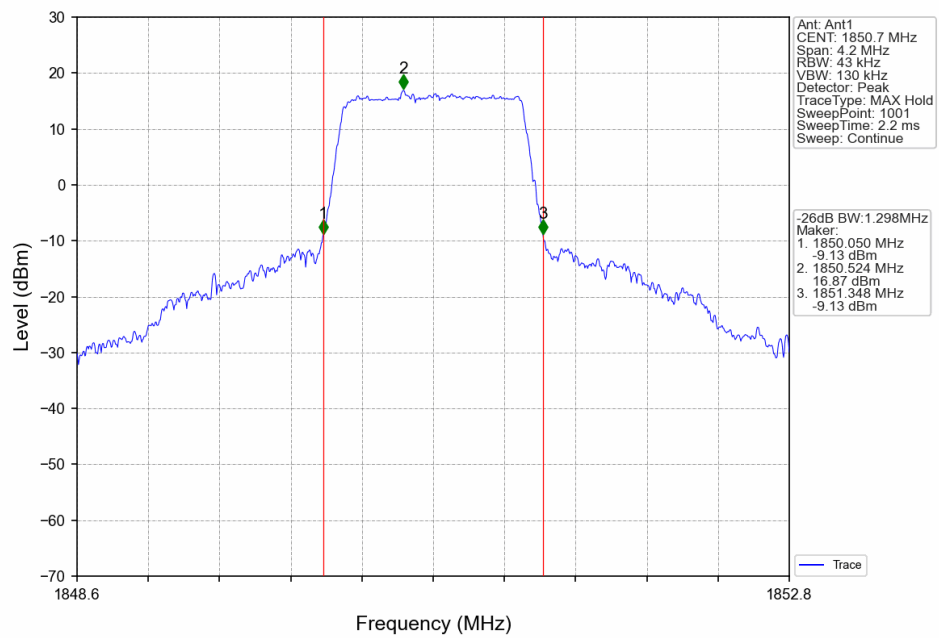
4.2.2 Test Graph



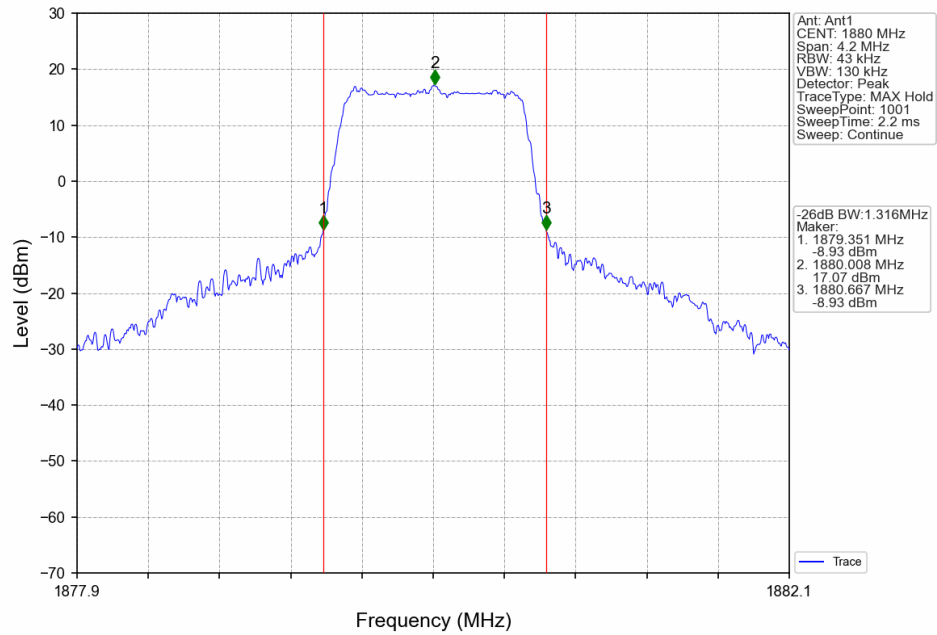
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



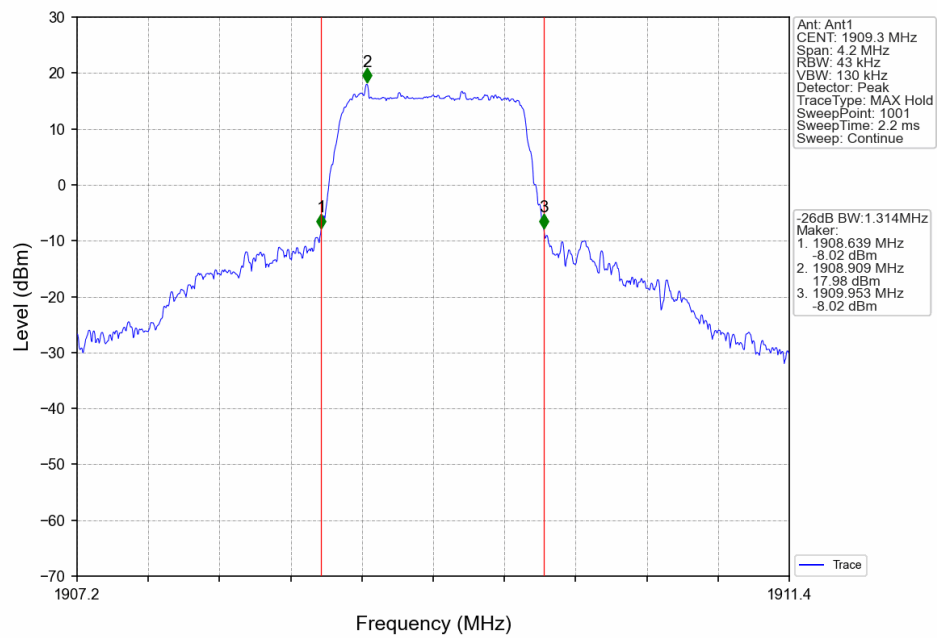
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



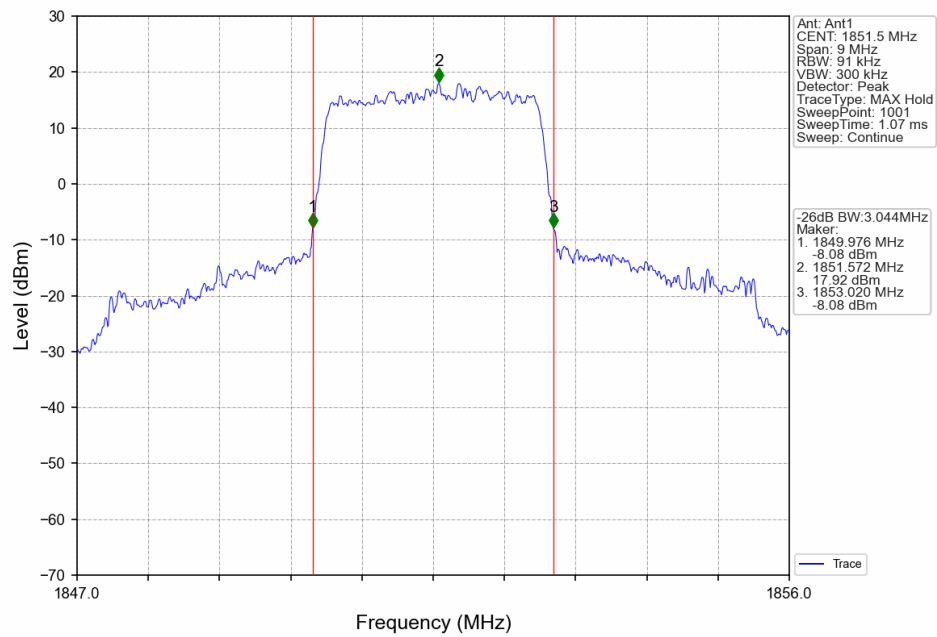
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



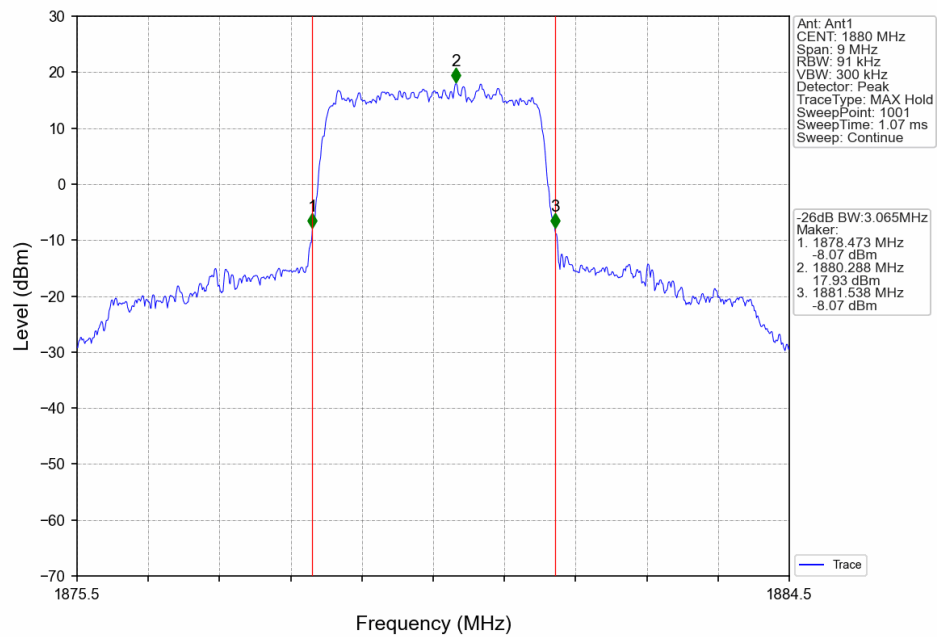
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



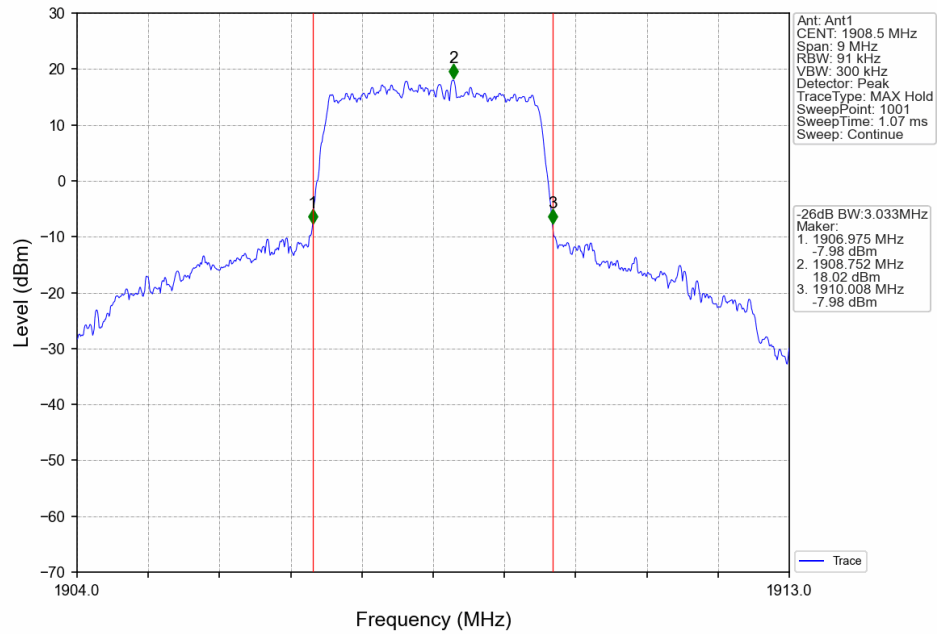
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



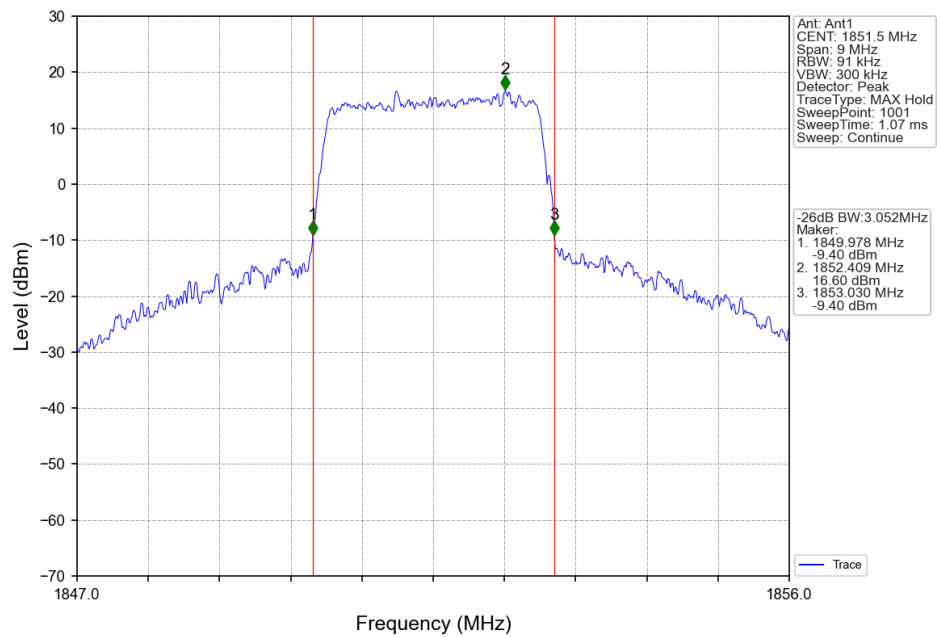
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



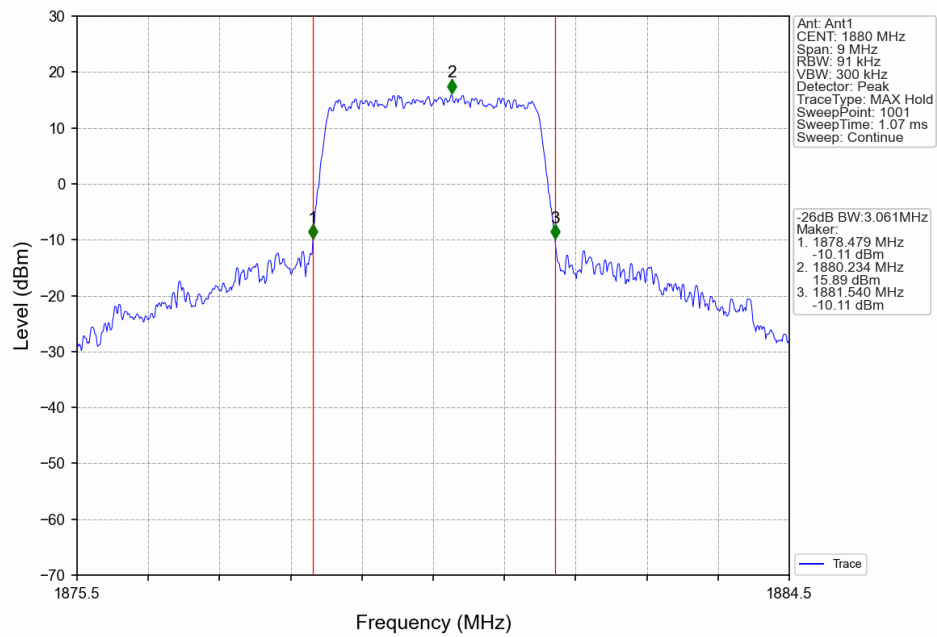
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



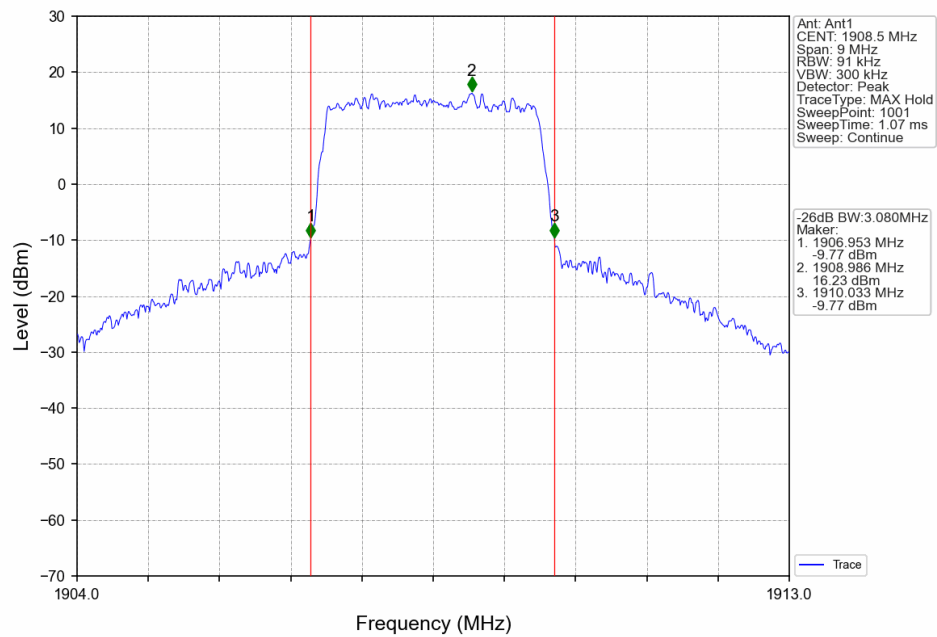
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



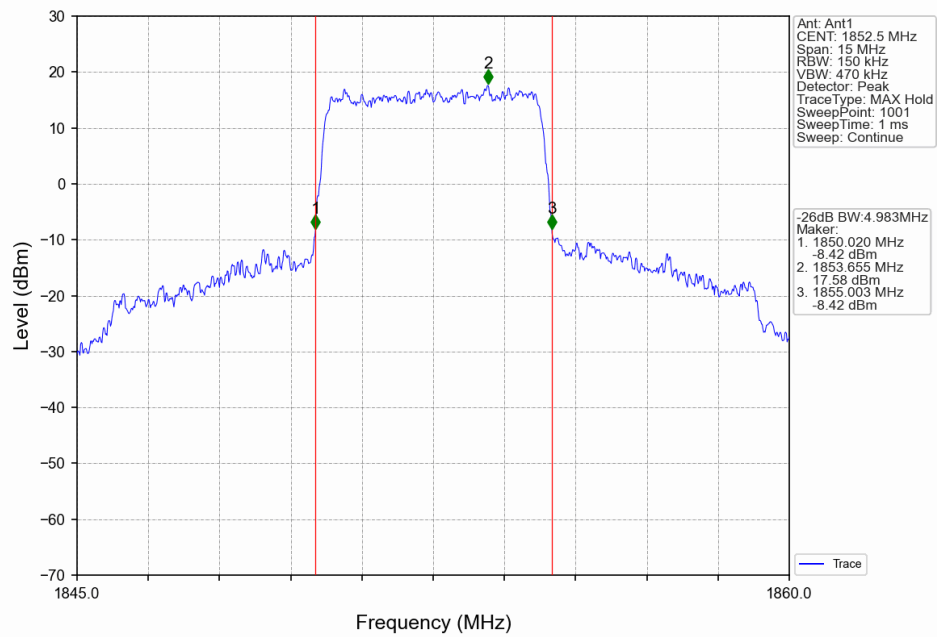
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



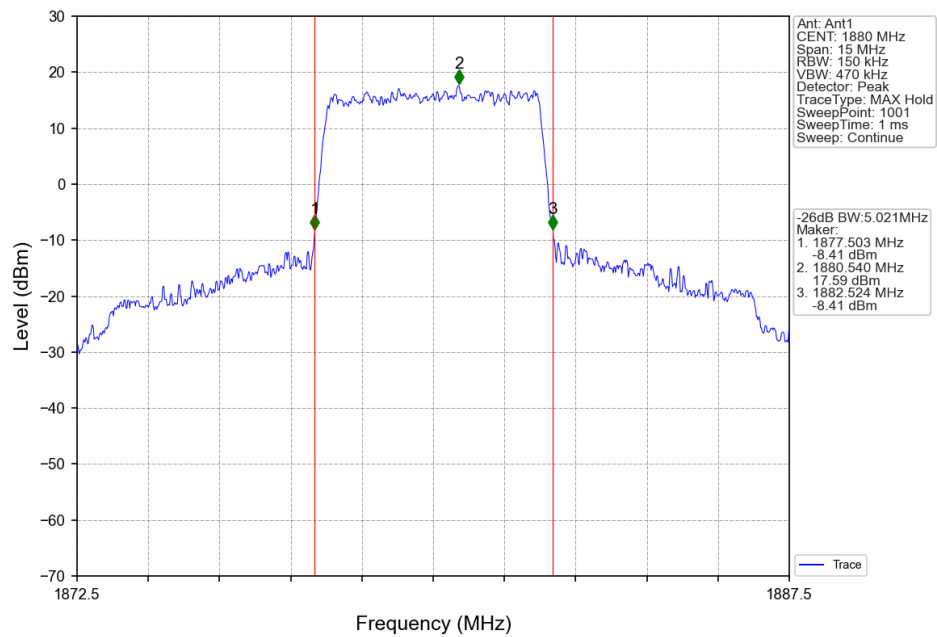
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



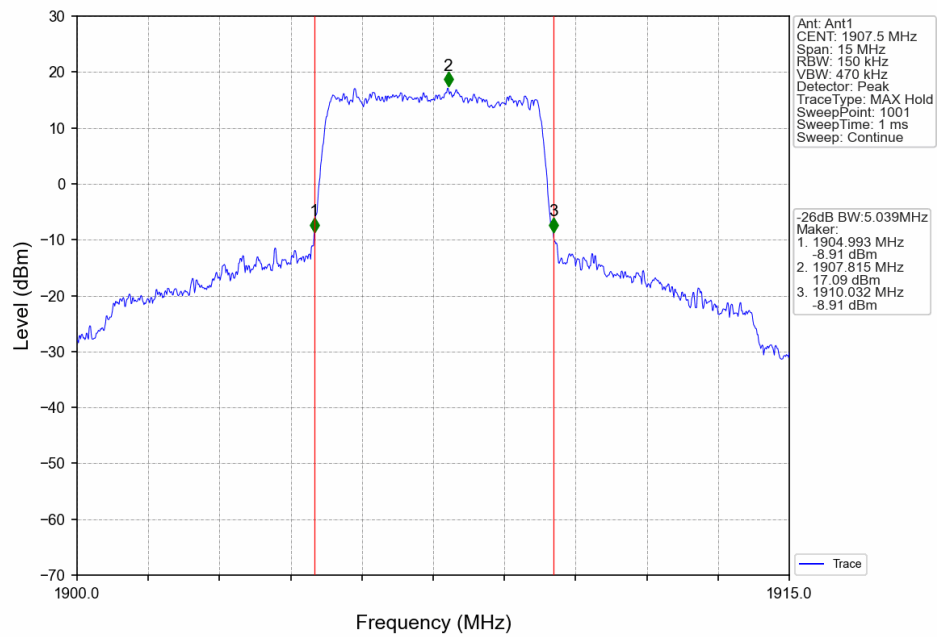
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



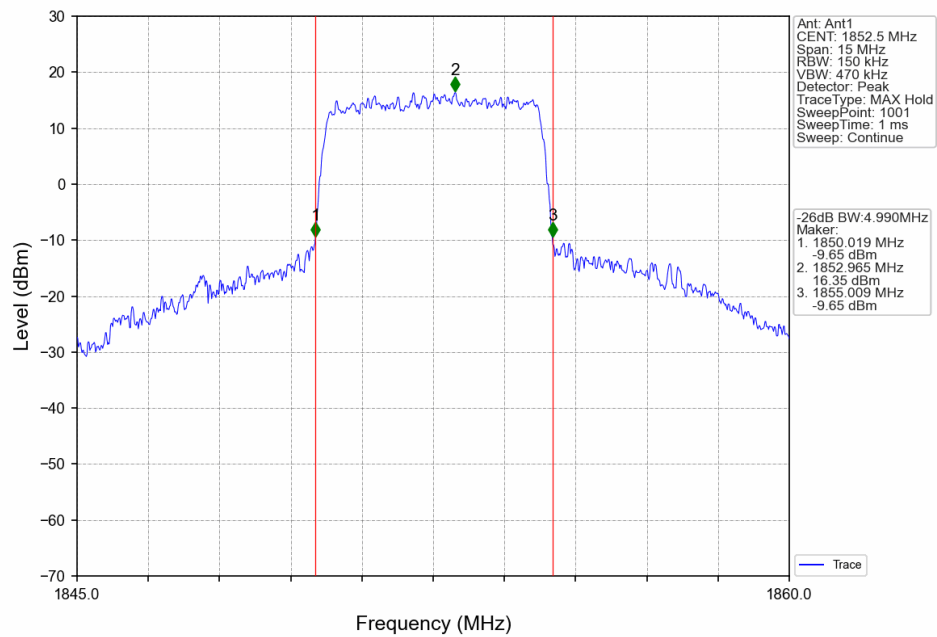
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



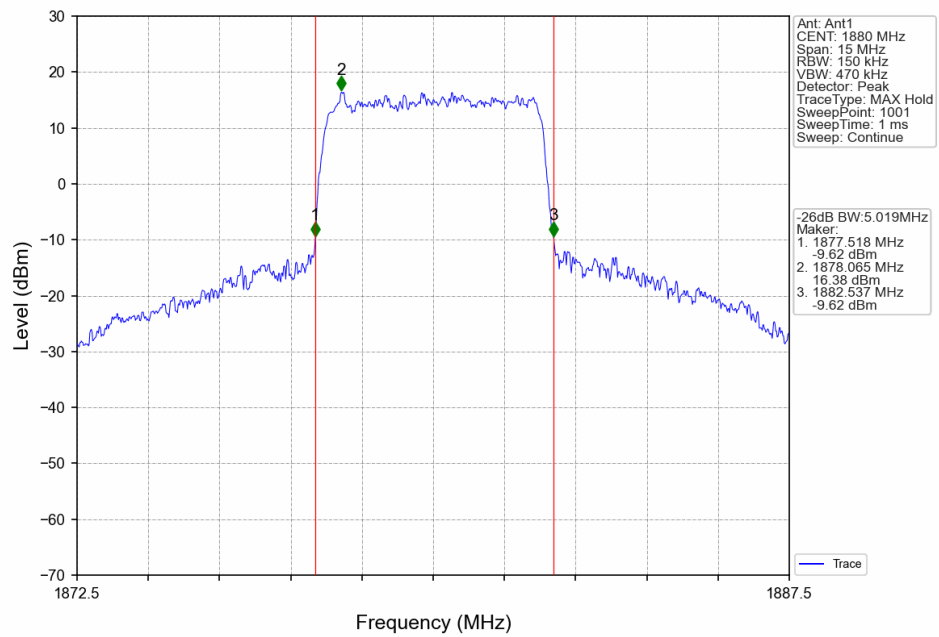
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



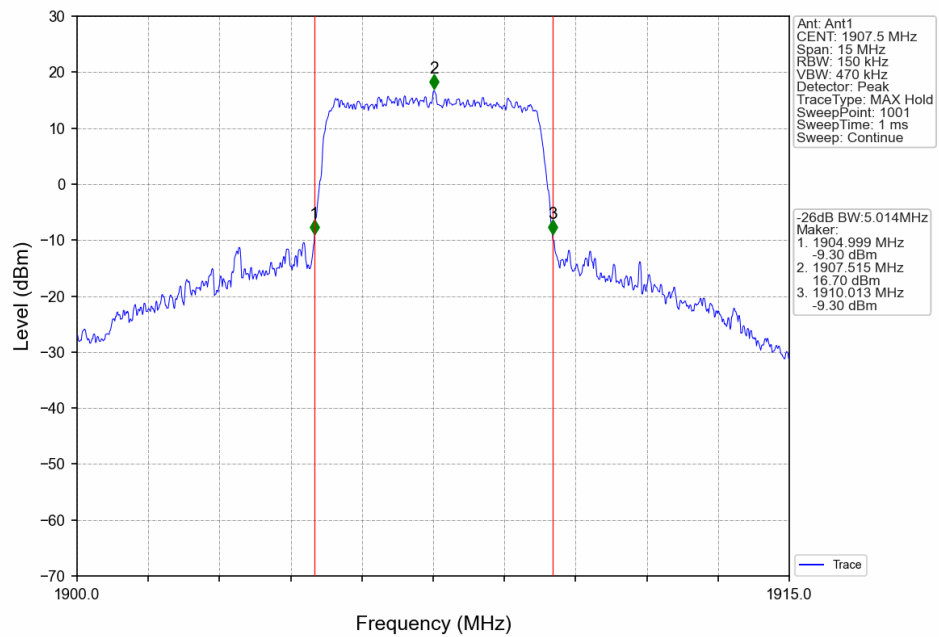
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



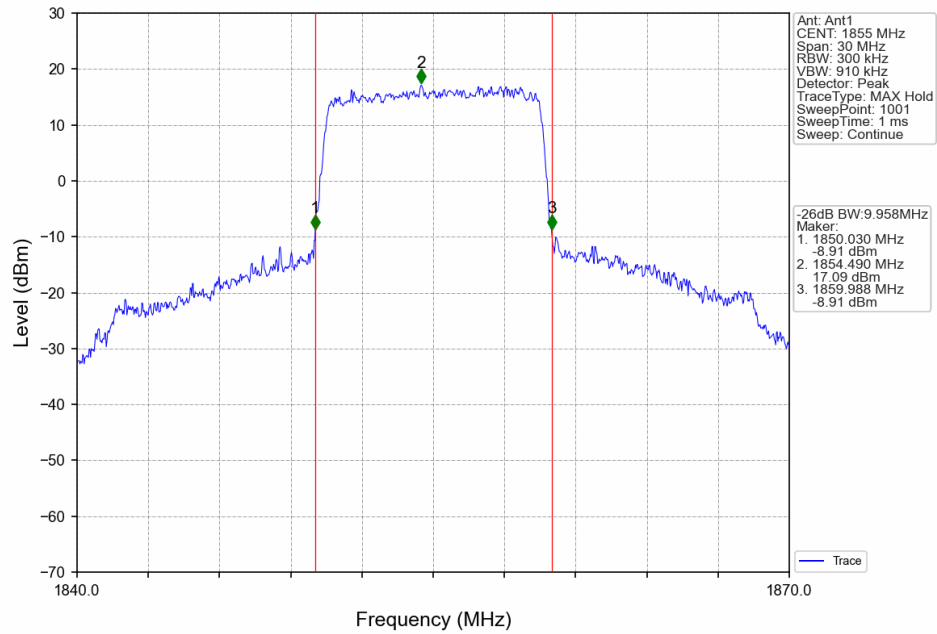
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



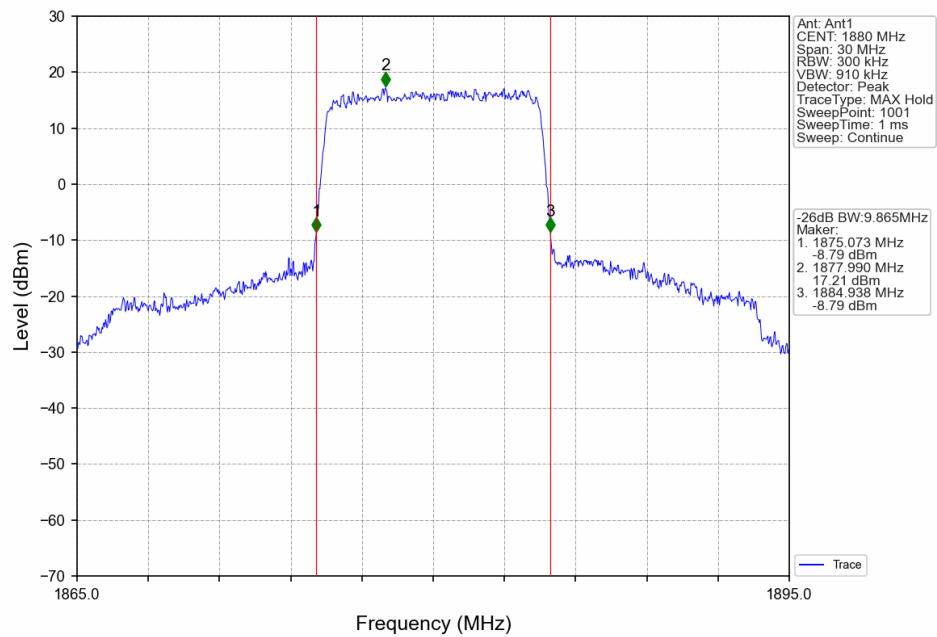
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



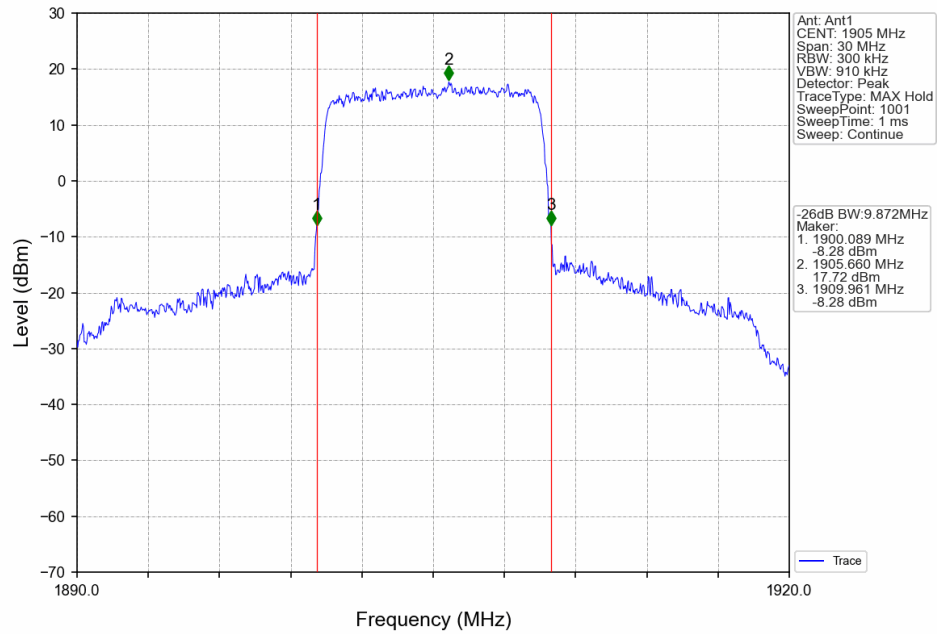
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



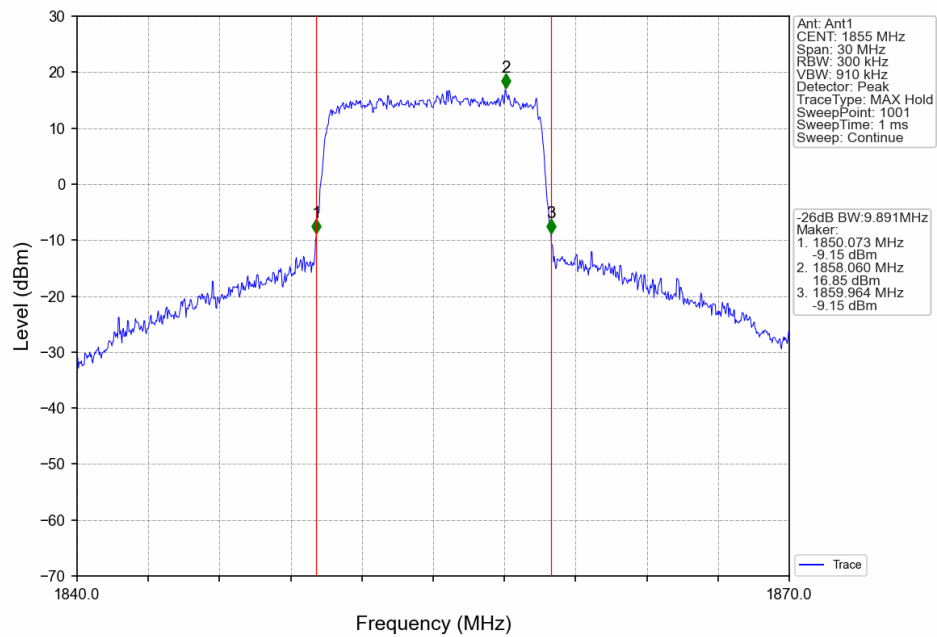
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



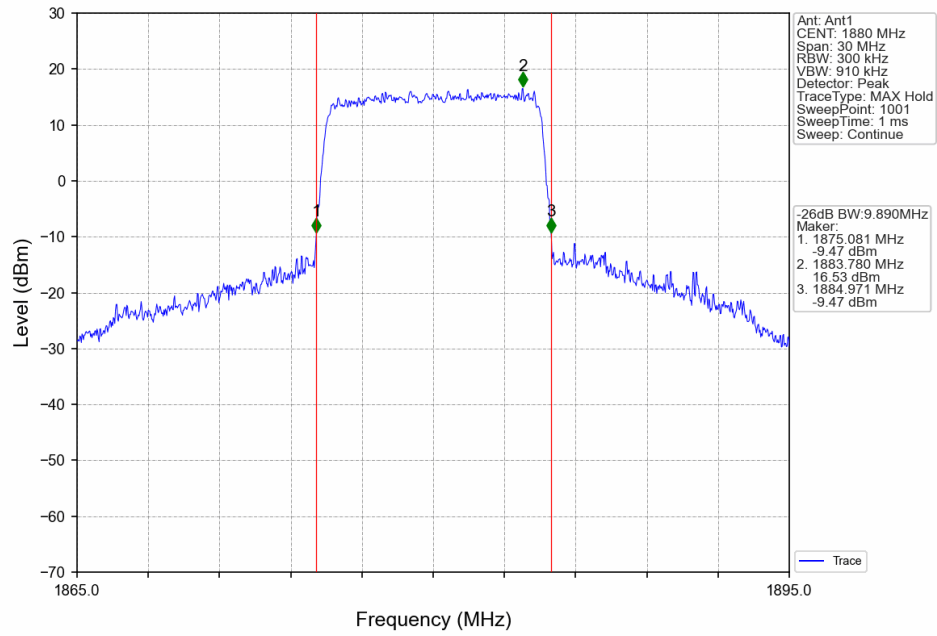
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



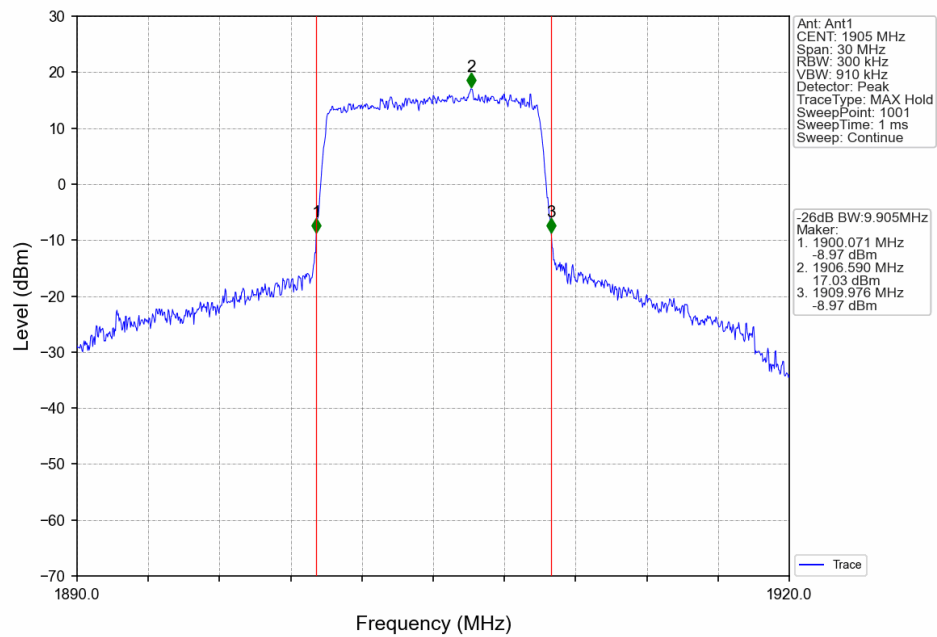
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



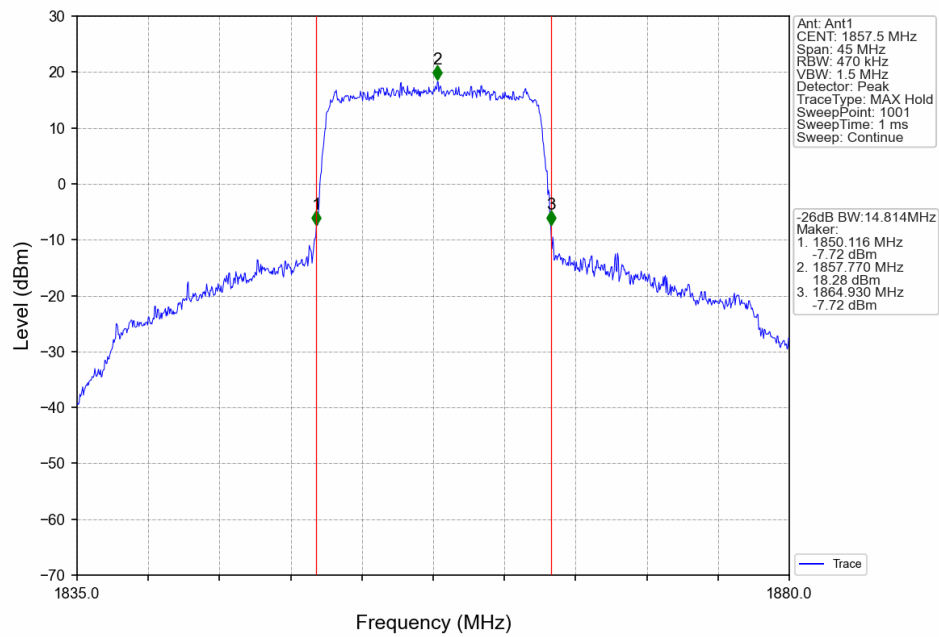
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



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

