

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

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	23.59	1.73	25.32	<=33.01	Pass
			2	23.63	1.73	25.36	<=33.01	Pass
			5	23.60	1.73	25.33	<=33.01	Pass
		3	0	23.62	1.73	25.35	<=33.01	Pass
			2	23.63	1.73	25.36	<=33.01	Pass
			3	23.63	1.73	25.36	<=33.01	Pass
		6	0	22.64	1.73	24.37	<=33.01	Pass
	1880	1	0	23.51	1.73	25.24	<=33.01	Pass
			2	23.53	1.73	25.26	<=33.01	Pass
			5	23.47	1.73	25.20	<=33.01	Pass
		3	0	23.57	1.73	25.30	<=33.01	Pass
			2	23.55	1.73	25.28	<=33.01	Pass
			3	23.55	1.73	25.28	<=33.01	Pass
		6	0	22.57	1.73	24.30	<=33.01	Pass
	1909.3	1	0	23.03	1.73	24.76	<=33.01	Pass
			2	22.74	1.73	24.47	<=33.01	Pass
			5	22.72	1.73	24.45	<=33.01	Pass
		3	0	22.84	1.73	24.57	<=33.01	Pass
			2	22.86	1.73	24.59	<=33.01	Pass
			3	22.83	1.73	24.56	<=33.01	Pass
		6	0	21.86	1.73	23.59	<=33.01	Pass
16QAM	1850.7	1	0	22.48	1.73	24.21	<=33.01	Pass
			2	22.53	1.73	24.26	<=33.01	Pass
			5	22.51	1.73	24.24	<=33.01	Pass
		3	0	22.59	1.73	24.32	<=33.01	Pass
			2	22.63	1.73	24.36	<=33.01	Pass
			3	22.62	1.73	24.35	<=33.01	Pass
		6	0	21.53	1.73	23.26	<=33.01	Pass
	1880	1	0	22.53	1.73	24.26	<=33.01	Pass
			2	22.59	1.73	24.32	<=33.01	Pass
			5	22.53	1.73	24.26	<=33.01	Pass
		3	0	22.45	1.73	24.18	<=33.01	Pass
			2	22.30	1.73	24.03	<=33.01	Pass
			3	22.33	1.73	24.06	<=33.01	Pass
		6	0	21.27	1.73	23.00	<=33.01	Pass
	1909.3	1	0	21.71	1.73	23.44	<=33.01	Pass
			2	21.73	1.73	23.46	<=33.01	Pass
			5	21.72	1.73	23.45	<=33.01	Pass
		3	0	21.99	1.73	23.72	<=33.01	Pass
			2	22.02	1.73	23.75	<=33.01	Pass
			3	22.00	1.73	23.73	<=33.01	Pass
		6	0	20.90	1.73	22.63	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Note1: EIRP=Conducted Power+Antenna Gain

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	23.07	1.73	24.80	<=33.01	Pass
			13	23.24	1.73	24.97	<=33.01	Pass
			24	23.09	1.73	24.82	<=33.01	Pass
		12	0	22.07	1.73	23.80	<=33.01	Pass

16QAM	1880	25	6	22.12	1.73	23.85	<=33.01	Pass
			13	22.08	1.73	23.81	<=33.01	Pass
			0	22.09	1.73	23.82	<=33.01	Pass
		1	0	23.03	1.73	24.76	<=33.01	Pass
			13	23.13	1.73	24.86	<=33.01	Pass
			24	23.01	1.73	24.74	<=33.01	Pass
		12	0	22.00	1.73	23.73	<=33.01	Pass
			6	22.06	1.73	23.79	<=33.01	Pass
			13	22.01	1.73	23.74	<=33.01	Pass
		25	0	22.08	1.73	23.81	<=33.01	Pass
	1907.5	1	0	22.87	1.73	24.60	<=33.01	Pass
			13	23.03	1.73	24.76	<=33.01	Pass
			24	22.91	1.73	24.64	<=33.01	Pass
		12	0	21.92	1.73	23.65	<=33.01	Pass
			6	21.98	1.73	23.71	<=33.01	Pass
			13	21.84	1.73	23.57	<=33.01	Pass
		25	0	21.85	1.73	23.58	<=33.01	Pass
	1852.5	1	0	22.13	1.73	23.86	<=33.01	Pass
			13	22.28	1.73	24.01	<=33.01	Pass
			24	22.22	1.73	23.95	<=33.01	Pass
		12	0	21.13	1.73	22.86	<=33.01	Pass
			6	21.12	1.73	22.85	<=33.01	Pass
			13	21.10	1.73	22.83	<=33.01	Pass
		25	0	21.15	1.73	22.88	<=33.01	Pass
	1880	1	0	22.28	1.73	24.01	<=33.01	Pass
			13	22.36	1.73	24.09	<=33.01	Pass
			24	22.31	1.73	24.04	<=33.01	Pass
		12	0	21.06	1.73	22.79	<=33.01	Pass
			6	21.12	1.73	22.85	<=33.01	Pass
			13	21.05	1.73	22.78	<=33.01	Pass
		25	0	21.09	1.73	22.82	<=33.01	Pass
	1907.5	1	0	21.75	1.73	23.48	<=33.01	Pass
			13	21.92	1.73	23.65	<=33.01	Pass
			24	21.84	1.73	23.57	<=33.01	Pass
		12	0	20.94	1.73	22.67	<=33.01	Pass
			6	21.00	1.73	22.73	<=33.01	Pass
			13	20.83	1.73	22.56	<=33.01	Pass
		25	0	20.94	1.73	22.67	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

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	23.12	1.73	24.85	<=33.01	Pass
			25	23.12	1.73	24.85	<=33.01	Pass
			49	23.21	1.73	24.94	<=33.01	Pass
		25	0	22.11	1.73	23.84	<=33.01	Pass
			13	22.18	1.73	23.91	<=33.01	Pass
			25	22.10	1.73	23.83	<=33.01	Pass
		50	0	22.16	1.73	23.89	<=33.01	Pass
	1880	1	0	23.08	1.73	24.81	<=33.01	Pass
			25	23.12	1.73	24.85	<=33.01	Pass
			49	23.08	1.73	24.81	<=33.01	Pass
		25	0	22.03	1.73	23.76	<=33.01	Pass

			13	22.12	1.73	23.85	<=33.01	Pass
			25	22.00	1.73	23.73	<=33.01	Pass
		50	0	22.03	1.73	23.76	<=33.01	Pass
	1905	1	0	22.85	1.73	24.58	<=33.01	Pass
			25	22.96	1.73	24.69	<=33.01	Pass
			49	22.98	1.73	24.71	<=33.01	Pass
		25	0	21.72	1.73	23.45	<=33.01	Pass
			13	21.94	1.73	23.67	<=33.01	Pass
			25	21.81	1.73	23.54	<=33.01	Pass
		50	0	21.82	1.73	23.55	<=33.01	Pass
16QAM	1855	1	0	22.11	1.73	23.84	<=33.01	Pass
			25	22.19	1.73	23.92	<=33.01	Pass
			49	22.16	1.73	23.89	<=33.01	Pass
		25	0	21.28	1.73	23.01	<=33.01	Pass
			13	21.25	1.73	22.98	<=33.01	Pass
			25	21.23	1.73	22.96	<=33.01	Pass
		50	0	21.17	1.73	22.90	<=33.01	Pass
	1880	1	0	22.26	1.73	23.99	<=33.01	Pass
			25	22.30	1.73	24.03	<=33.01	Pass
			49	22.22	1.73	23.95	<=33.01	Pass
		25	0	21.06	1.73	22.79	<=33.01	Pass
			13	21.16	1.73	22.89	<=33.01	Pass
			25	21.04	1.73	22.77	<=33.01	Pass
		50	0	21.05	1.73	22.78	<=33.01	Pass
	1905	1	0	22.44	1.73	24.17	<=33.01	Pass
			25	22.58	1.73	24.31	<=33.01	Pass
			49	22.53	1.73	24.26	<=33.01	Pass
		25	0	20.82	1.73	22.55	<=33.01	Pass
			13	21.06	1.73	22.79	<=33.01	Pass
			25	20.88	1.73	22.61	<=33.01	Pass
		50	0	20.83	1.73	22.56	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.01	1.73	24.74	<=33.01	Pass
			38	23.13	1.73	24.86	<=33.01	Pass
			74	23.07	1.73	24.80	<=33.01	Pass
		36	0	22.08	1.73	23.81	<=33.01	Pass
			18	22.10	1.73	23.83	<=33.01	Pass
			39	22.10	1.73	23.83	<=33.01	Pass
		75	0	22.14	1.73	23.87	<=33.01	Pass
	1880	1	0	23.05	1.73	24.78	<=33.01	Pass
			38	23.16	1.73	24.89	<=33.01	Pass
			74	23.02	1.73	24.75	<=33.01	Pass
		36	0	22.01	1.73	23.74	<=33.01	Pass
			18	22.08	1.73	23.81	<=33.01	Pass
			39	21.95	1.73	23.68	<=33.01	Pass
		75	0	22.05	1.73	23.78	<=33.01	Pass
	1902.5	1	0	22.81	1.73	24.54	<=33.01	Pass
			38	22.93	1.73	24.66	<=33.01	Pass
			74	22.91	1.73	24.64	<=33.01	Pass
		36	0	21.74	1.73	23.47	<=33.01	Pass

16QAM	1857.5	75	18	21.87	1.73	23.60	<=33.01	Pass
			39	21.85	1.73	23.58	<=33.01	Pass
			0	21.86	1.73	23.59	<=33.01	Pass
		1	0	22.40	1.73	24.13	<=33.01	Pass
			38	22.61	1.73	24.34	<=33.01	Pass
			74	22.53	1.73	24.26	<=33.01	Pass
		36	0	21.12	1.73	22.85	<=33.01	Pass
			18	21.11	1.73	22.84	<=33.01	Pass
			39	21.14	1.73	22.87	<=33.01	Pass
		75	0	21.17	1.73	22.90	<=33.01	Pass
	1880	1	0	22.24	1.73	23.97	<=33.01	Pass
			38	22.28	1.73	24.01	<=33.01	Pass
			74	22.15	1.73	23.88	<=33.01	Pass
		36	0	21.06	1.73	22.79	<=33.01	Pass
			18	21.13	1.73	22.86	<=33.01	Pass
			39	20.98	1.73	22.71	<=33.01	Pass
		75	0	21.10	1.73	22.83	<=33.01	Pass
	1902.5	1	0	22.40	1.73	24.13	<=33.01	Pass
			38	22.52	1.73	24.25	<=33.01	Pass
			74	22.50	1.73	24.23	<=33.01	Pass
		36	0	20.81	1.73	22.54	<=33.01	Pass
			18	20.97	1.73	22.70	<=33.01	Pass
			39	20.92	1.73	22.65	<=33.01	Pass
		75	0	20.90	1.73	22.63	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

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	23.45	1.73	25.18	<=33.01	Pass
			50	23.17	1.73	24.90	<=33.01	Pass
			99	23.09	1.73	24.82	<=33.01	Pass
		50	0	22.16	1.73	23.89	<=33.01	Pass
			25	22.17	1.73	23.90	<=33.01	Pass
			50	22.31	1.73	24.04	<=33.01	Pass
		100	0	22.25	1.73	23.98	<=33.01	Pass
	1880	1	0	23.48	1.73	25.21	<=33.01	Pass
			50	23.12	1.73	24.85	<=33.01	Pass
			99	22.96	1.73	24.69	<=33.01	Pass
		50	0	21.98	1.73	23.71	<=33.01	Pass
			25	22.13	1.73	23.86	<=33.01	Pass
			50	21.88	1.73	23.61	<=33.01	Pass
		100	0	21.96	1.73	23.69	<=33.01	Pass
	1900	1	0	23.25	1.73	24.98	<=33.01	Pass
			50	22.91	1.73	24.64	<=33.01	Pass
			99	22.88	1.73	24.61	<=33.01	Pass
		50	0	21.91	1.73	23.64	<=33.01	Pass
			25	21.99	1.73	23.72	<=33.01	Pass
			50	22.01	1.73	23.74	<=33.01	Pass
		100	0	21.94	1.73	23.67	<=33.01	Pass
16QAM	1860	1	0	22.59	1.73	24.32	<=33.01	Pass
			50	22.42	1.73	24.15	<=33.01	Pass
			99	22.32	1.73	24.05	<=33.01	Pass
		50	0	21.21	1.73	22.94	<=33.01	Pass

		100	25	21.20	1.73	22.93	<=33.01	Pass
			50	21.32	1.73	23.05	<=33.01	Pass
			0	21.27	1.73	23.00	<=33.01	Pass
	1880	1	0	22.78	1.73	24.51	<=33.01	Pass
			50	22.45	1.73	24.18	<=33.01	Pass
			99	22.24	1.73	23.97	<=33.01	Pass
		50	0	20.98	1.73	22.71	<=33.01	Pass
			25	21.13	1.73	22.86	<=33.01	Pass
			50	20.88	1.73	22.61	<=33.01	Pass
		100	0	20.95	1.73	22.68	<=33.01	Pass
	1900	1	0	22.86	1.73	24.59	<=33.01	Pass
			50	22.50	1.73	24.23	<=33.01	Pass
			99	22.39	1.73	24.12	<=33.01	Pass
		50	0	20.89	1.73	22.62	<=33.01	Pass
			25	21.00	1.73	22.73	<=33.01	Pass
			50	21.03	1.73	22.76	<=33.01	Pass
		100	0	20.95	1.73	22.68	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

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	4.835	0.0026	-2.5 to 2.5	Pass
					3.85	0.772	0.0004	-2.5 to 2.5	Pass
					4.43	3.533	0.0019	-2.5 to 2.5	Pass
				-30	3.85	4.077	0.0022	-2.5 to 2.5	Pass
				-20	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.835	0.0026	-2.5 to 2.5	Pass
				0	3.85	7.710	0.0042	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	7.381	0.0040	-2.5 to 2.5	Pass
				40	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				50	3.85	4.735	0.0026	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	3.977	0.0021	-2.5 to 2.5	Pass
					3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
					4.43	1.187	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				-20	3.85	10.014	0.0053	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
				10	3.85	3.390	0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-12.531	-0.0066	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
					4.43	12.903	0.0068	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	5.007	0.0026	-2.5 to 2.5	Pass



16QAM	1850.7	6	0	-10	3.85	-13.204	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-9.041	-0.0047	-2.5 to 2.5	Pass
				30	3.85	4.120	0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				50	3.85	4.392	0.0023	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-1.402	-0.0008	-2.5 to 2.5	Pass
					3.85	0.343	0.0002	-2.5 to 2.5	Pass
					4.43	-14.148	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				0	3.85	6.838	0.0037	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				40	3.85	5.808	0.0031	-2.5 to 2.5	Pass
				50	3.85	-9.985	-0.0054	-2.5 to 2.5	Pass
				20	3.27	4.621	0.0025	-2.5 to 2.5	Pass
					3.85	3.991	0.0021	-2.5 to 2.5	Pass
					4.43	-26.636	-0.0142	-2.5 to 2.5	Pass
				-30	3.85	5.236	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-10.757	-0.0057	-2.5 to 2.5	Pass
				0	3.85	5.808	0.0031	-2.5 to 2.5	Pass
				10	3.85	2.975	0.0016	-2.5 to 2.5	Pass
				30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				40	3.85	-5.007	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-21.114	-0.0112	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	1.516	0.0008	-2.5 to 2.5	Pass
					3.85	-17.824	-0.0093	-2.5 to 2.5	Pass
					4.43	-8.698	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	13.576	0.0071	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				10	3.85	7.081	0.0037	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0007	-2.5 to 2.5	Pass
				40	3.85	5.736	0.0030	-2.5 to 2.5	Pass
				50	3.85	7.739	0.0041	-2.5 to 2.5	Pass

2.1.2 B2_3MHz

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	-1.802	-0.0010	-2.5 to 2.5	Pass
					3.85	-11.888	-0.0064	-2.5 to 2.5	Pass
					4.43	-9.942	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	6.809	0.0037	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				10	3.85	15.464	0.0084	-2.5 to 2.5	Pass
				30	3.85	-7.668	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-12.259	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass

	1880	15	0	20	3.27	-12.331	-0.0066	-2.5 to 2.5	Pass
					3.85	9.027	0.0048	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-14.777	-0.0079	-2.5 to 2.5	Pass
				0	3.85	15.264	0.0081	-2.5 to 2.5	Pass
				10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-7.524	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-1.688	-0.0009	-2.5 to 2.5	Pass
					3.85	-7.896	-0.0041	-2.5 to 2.5	Pass
					4.43	2.890	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-11.959	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	6.809	0.0036	-2.5 to 2.5	Pass
				0	3.85	-12.259	-0.0064	-2.5 to 2.5	Pass
				10	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				30	3.85	-8.712	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	8.655	0.0047	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0038	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	9.327	0.0050	-2.5 to 2.5	Pass
				-10	3.85	3.891	0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.478	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-6.580	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	1.402	0.0008	-2.5 to 2.5	Pass
					3.85	-9.298	-0.0049	-2.5 to 2.5	Pass
					4.43	6.623	0.0035	-2.5 to 2.5	Pass
				-30	3.85	9.384	0.0050	-2.5 to 2.5	Pass
				-20	3.85	-4.935	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	6.223	0.0033	-2.5 to 2.5	Pass
				0	3.85	-9.155	-0.0049	-2.5 to 2.5	Pass
				10	3.85	12.889	0.0069	-2.5 to 2.5	Pass
				30	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				40	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	10.700	0.0057	-2.5 to 2.5	Pass
					3.85	-18.168	-0.0097	-2.5 to 2.5	Pass
					4.43	-3.819	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	5.436	0.0028	-2.5 to 2.5	Pass
				-10	3.85	-13.690	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-5.422	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-12.074	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-16.208	-0.0085	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-17.109	-0.0090	-2.5 to 2.5	Pass
					3.85	-17.109	-0.0090	-2.5 to 2.5	Pass
					4.43	13.876	0.0073	-2.5 to 2.5	Pass
				-30	3.85	13.876	0.0073	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

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	-7.195	-0.0039	-2.5 to 2.5	Pass
					3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
					4.43	-0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
				40	3.85	5.751	0.0031	-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	5.236	0.0028	-2.5 to 2.5	Pass
					3.85	2.718	0.0014	-2.5 to 2.5	Pass
					4.43	1.988	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-8.297	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	13.962	0.0074	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				10	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				30	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				40	3.85	3.648	0.0019	-2.5 to 2.5	Pass
				50	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-14.906	-0.0078	-2.5 to 2.5	Pass
					4.43	2.675	0.0014	-2.5 to 2.5	Pass
				-30	3.85	5.779	0.0030	-2.5 to 2.5	Pass
				-20	3.85	-11.287	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-13.490	-0.0071	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				10	3.85	-7.067	-0.0037	-2.5 to 2.5	Pass
				30	3.85	6.266	0.0033	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0050	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	4.163	0.0022	-2.5 to 2.5	Pass
					3.85	-12.288	-0.0066	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	5.865	0.0032	-2.5 to 2.5	Pass
				-20	3.85	-8.225	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	6.566	0.0035	-2.5 to 2.5	Pass
				0	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				10	3.85	-8.140	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-16.737	-0.0090	-2.5 to 2.5	Pass
				40	3.85	3.848	0.0021	-2.5 to 2.5	Pass
				50	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	11.072	0.0059	-2.5 to 2.5	Pass
					3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
					4.43	10.071	0.0054	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-8.068	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				10	3.85	7.138	0.0038	-2.5 to 2.5	Pass
				30	3.85	0.801	0.0004	-2.5 to 2.5	Pass

	1907.5	25	0	40	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
				20	3.27	-9.141	-0.0048	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0023	-2.5 to 2.5	Pass
				50	3.85	5.608	0.0029	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

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	-9.513	-0.0051	-2.5 to 2.5	Pass
					3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.133	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	-3.805	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-2.832	-0.0015	-2.5 to 2.5	Pass
					3.85	0.615	0.0003	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	5.879	0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.237	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.661	0.0014	-2.5 to 2.5	Pass
				50	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
					4.43	-3.777	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.044	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0015	-2.5 to 2.5	Pass
				0	3.85	2.975	0.0016	-2.5 to 2.5	Pass
				10	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				30	3.85	4.435	0.0023	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	4.277	0.0022	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-2.160	-0.0012	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0027	-2.5 to 2.5	Pass
					4.43	-0.815	-0.0004	-2.5 to 2.5	Pass

				-30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-8.655	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-8.998	-0.0049	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-12.074	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	1.817	0.0010	-2.5 to 2.5	Pass
					3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
					4.43	2.275	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	0.758	0.0004	-2.5 to 2.5	Pass
					3.85	0.372	0.0002	-2.5 to 2.5	Pass
					4.43	6.781	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-10	3.85	4.320	0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-10.128	-0.0053	-2.5 to 2.5	Pass
				30	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.958	0.0005	-2.5 to 2.5	Pass

2.1.5 B2_15MHz

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	1.187	0.0006	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.206	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				30	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-3.233	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	2.203	0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0010	-2.5 to 2.5	Pass

	1902.5	75	0	30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				20	3.27	-1.917	-0.0010	-2.5 to 2.5	Pass
					3.85	7.954	0.0042	-2.5 to 2.5	Pass
					4.43	3.777	0.0020	-2.5 to 2.5	Pass
				-30	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.161	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-6.666	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				40	3.85	3.233	0.0017	-2.5 to 2.5	Pass
				50	3.85	6.022	0.0032	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.060	-0.0011	-2.5 to 2.5	Pass
					3.85	-8.268	-0.0045	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.563	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-1.602	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0028	-2.5 to 2.5	Pass
				30	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.618	-0.0014	-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	5.093	0.0027	-2.5 to 2.5	Pass
					4.43	-3.004	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0023	-2.5 to 2.5	Pass
				0	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				10	3.85	4.478	0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.493	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
				50	3.85	2.990	0.0016	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

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	-2.518	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0011	-2.5 to 2.5	Pass

					4.43	-0.157	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				10	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				30	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	0.772	0.0004	-2.5 to 2.5	Pass
					3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.472	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				0	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				10	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				50	3.85	2.375	0.0013	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	1.988	0.0010	-2.5 to 2.5	Pass
					3.85	1.216	0.0006	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
				30	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-6.537	-0.0035	-2.5 to 2.5	Pass
					3.85	0.243	0.0001	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-6.294	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-9.685	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-6.995	-0.0038	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-1.945	-0.0010	-2.5 to 2.5	Pass
					3.85	2.847	0.0015	-2.5 to 2.5	Pass
					4.43	2.632	0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				0	3.85	3.347	0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				40	3.85	5.322	0.0028	-2.5 to 2.5	Pass
	1900	100	0	20	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
					3.27	-2.332	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.287	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0032	-2.5 to 2.5	Pass

				-20	3.85	5.836	0.0031	-2.5 to 2.5	Pass
				-10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

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 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV								
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		

3.1.3 B2_5MHz

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		

3.1.4 B2_10MHz

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		

3.1.5 B2_15MHz

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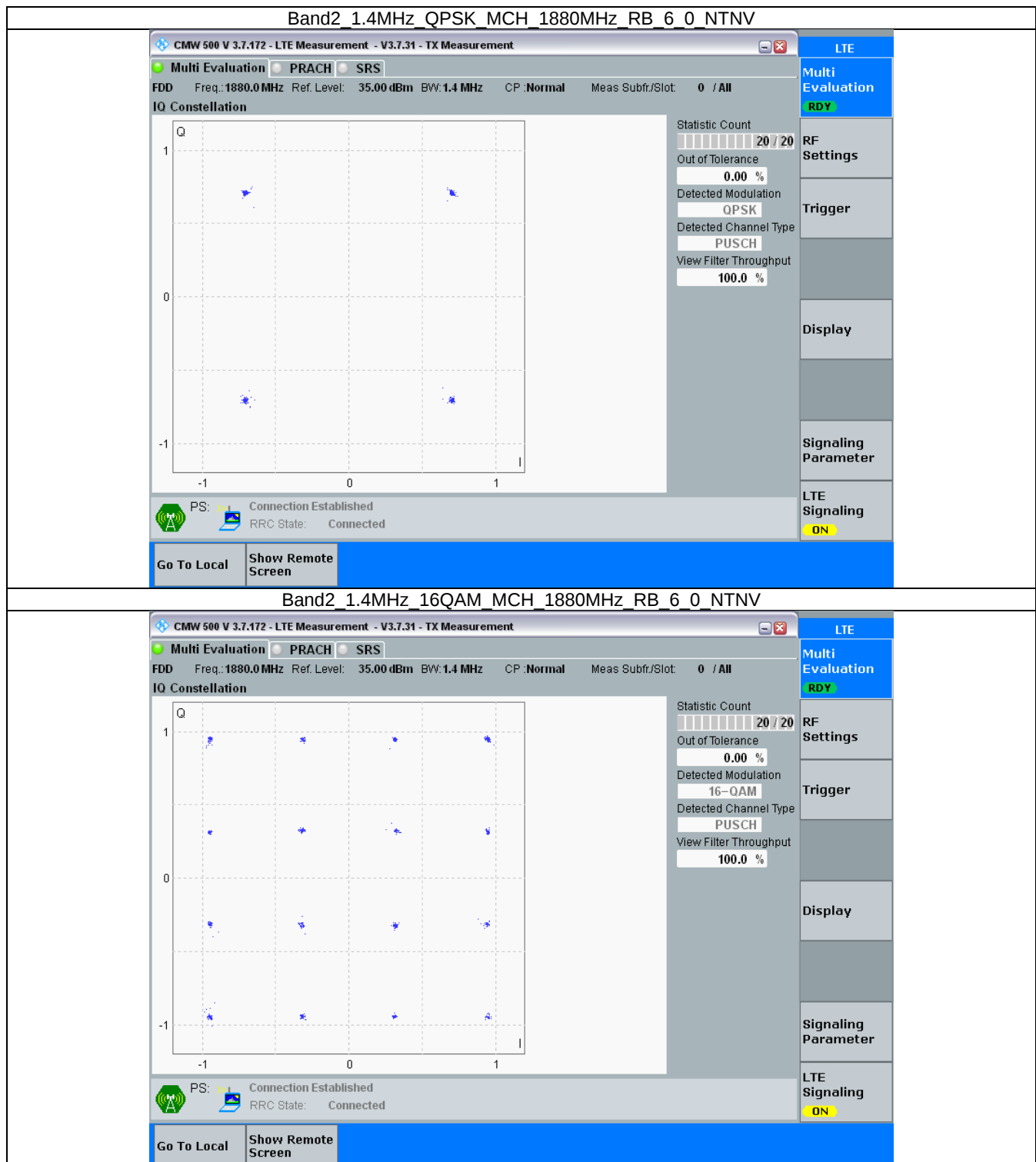
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

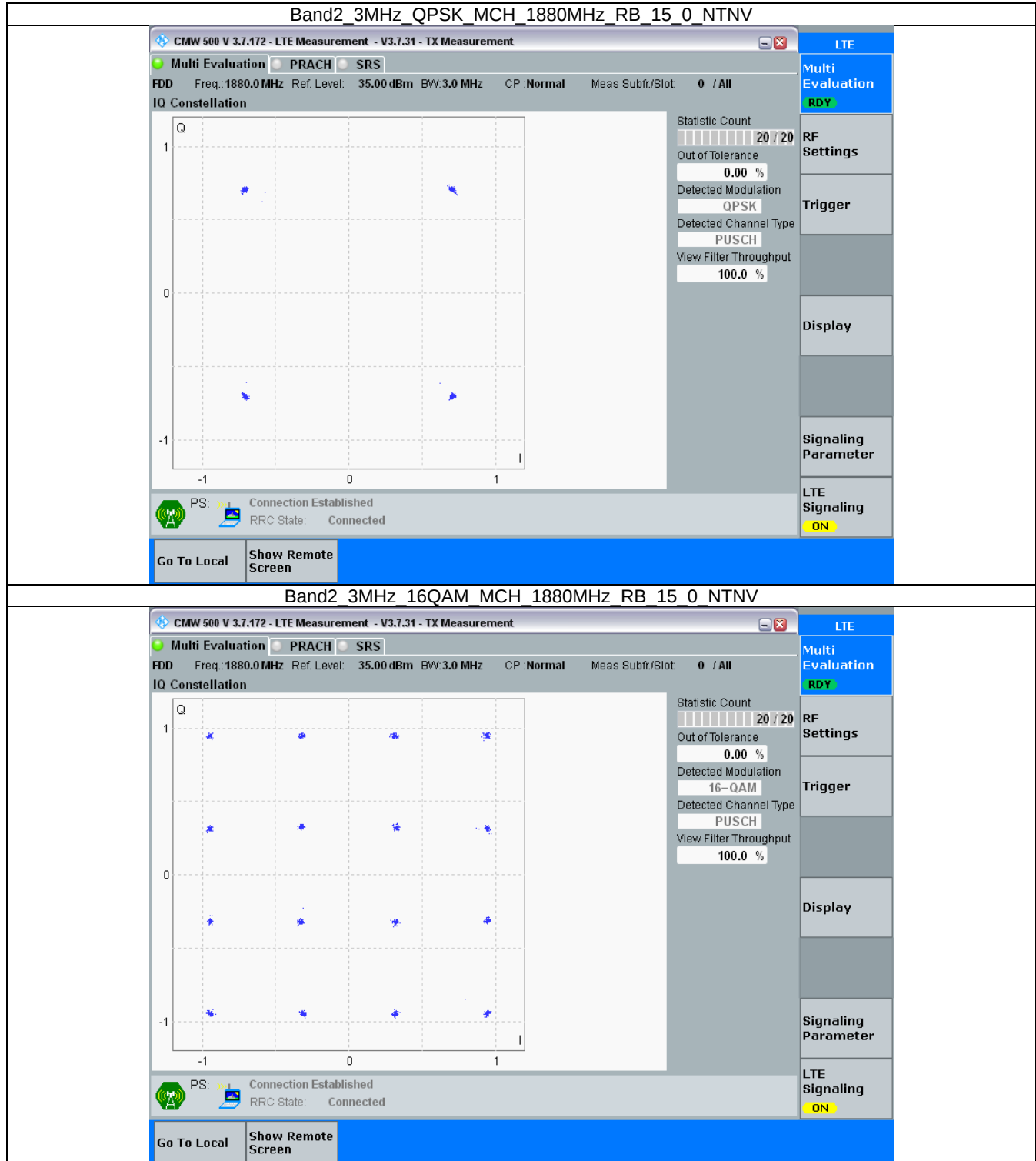
Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

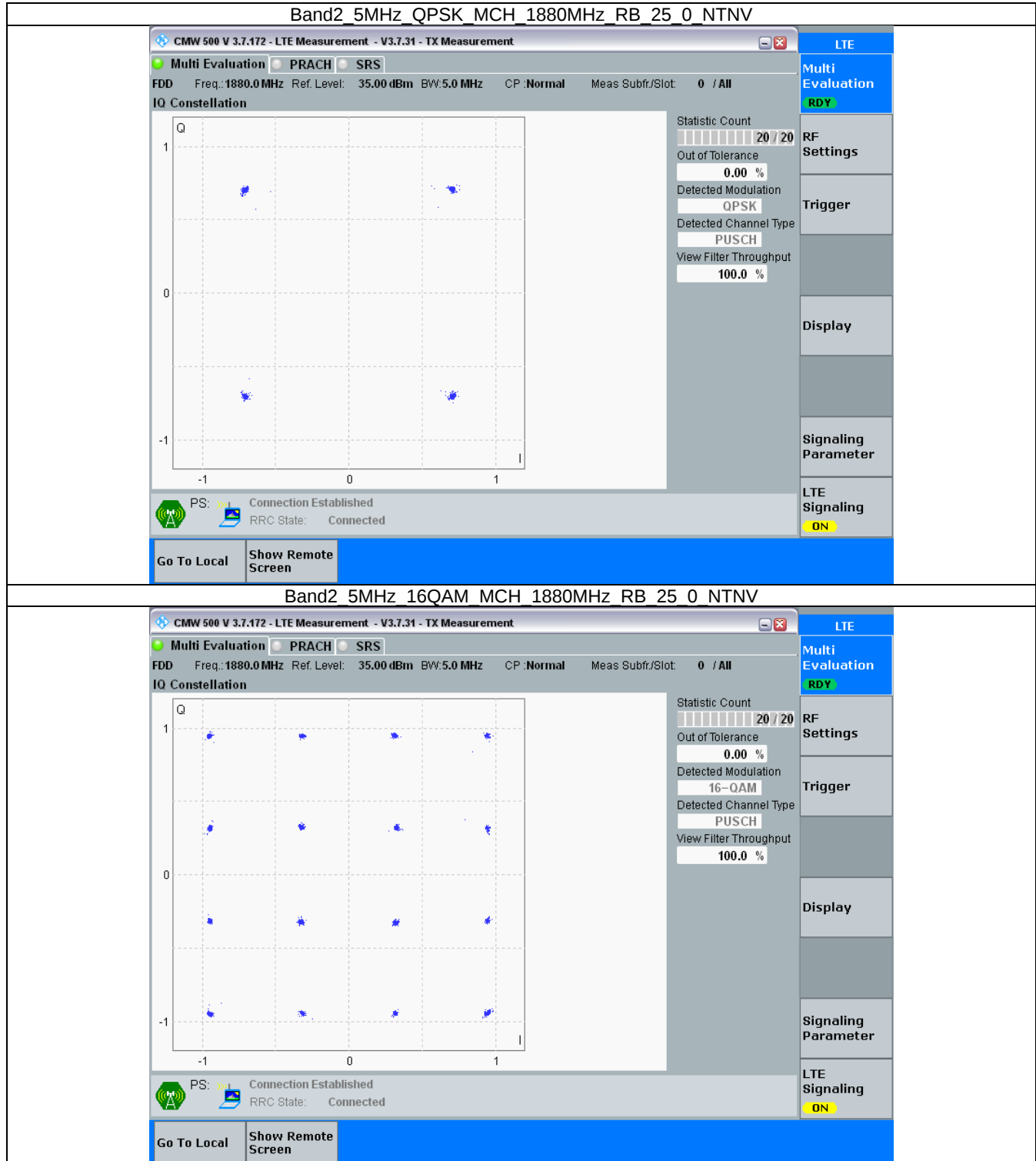
3.2.1 B2_1.4MHz



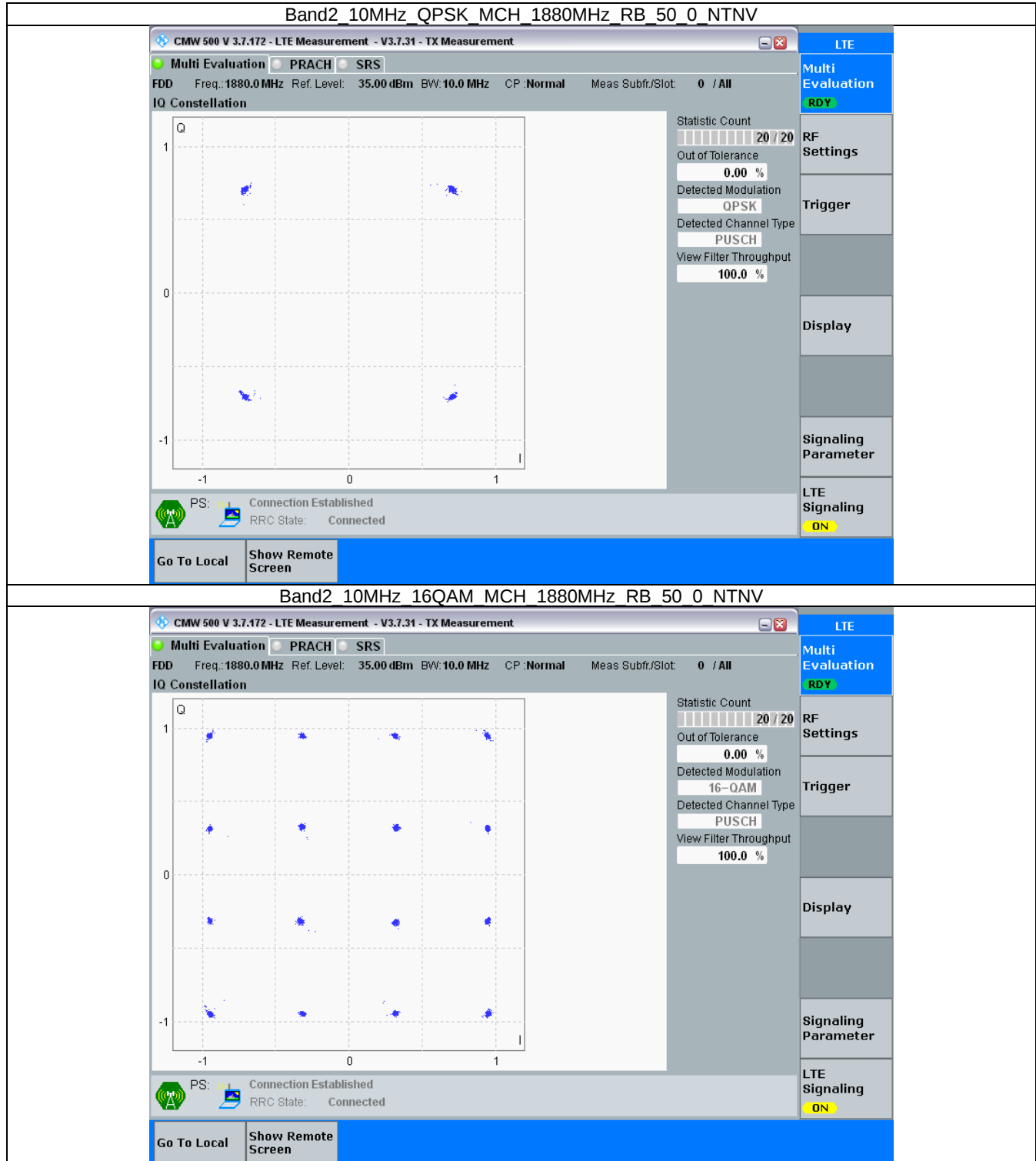
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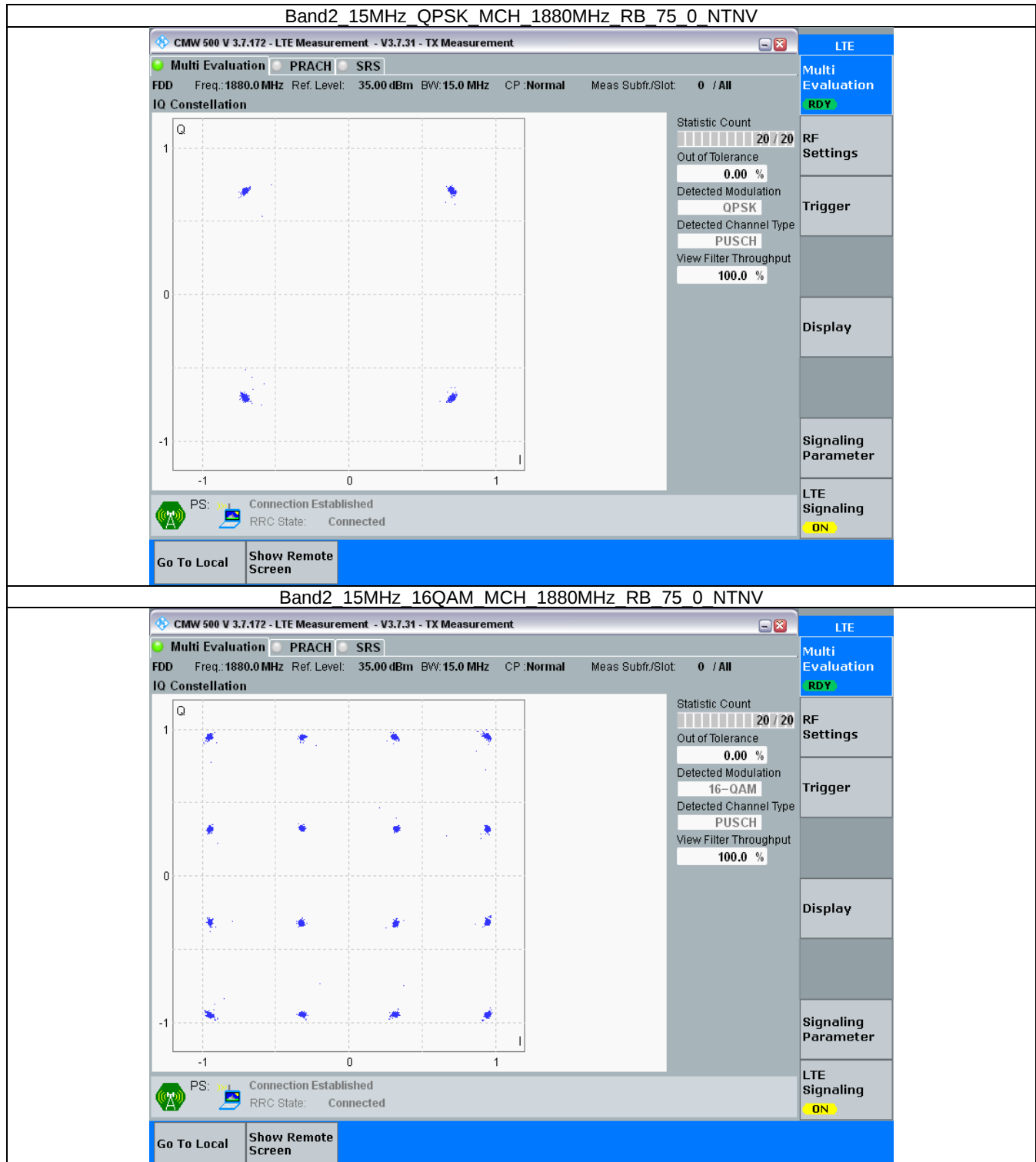
3.2.3 B2_5MHz



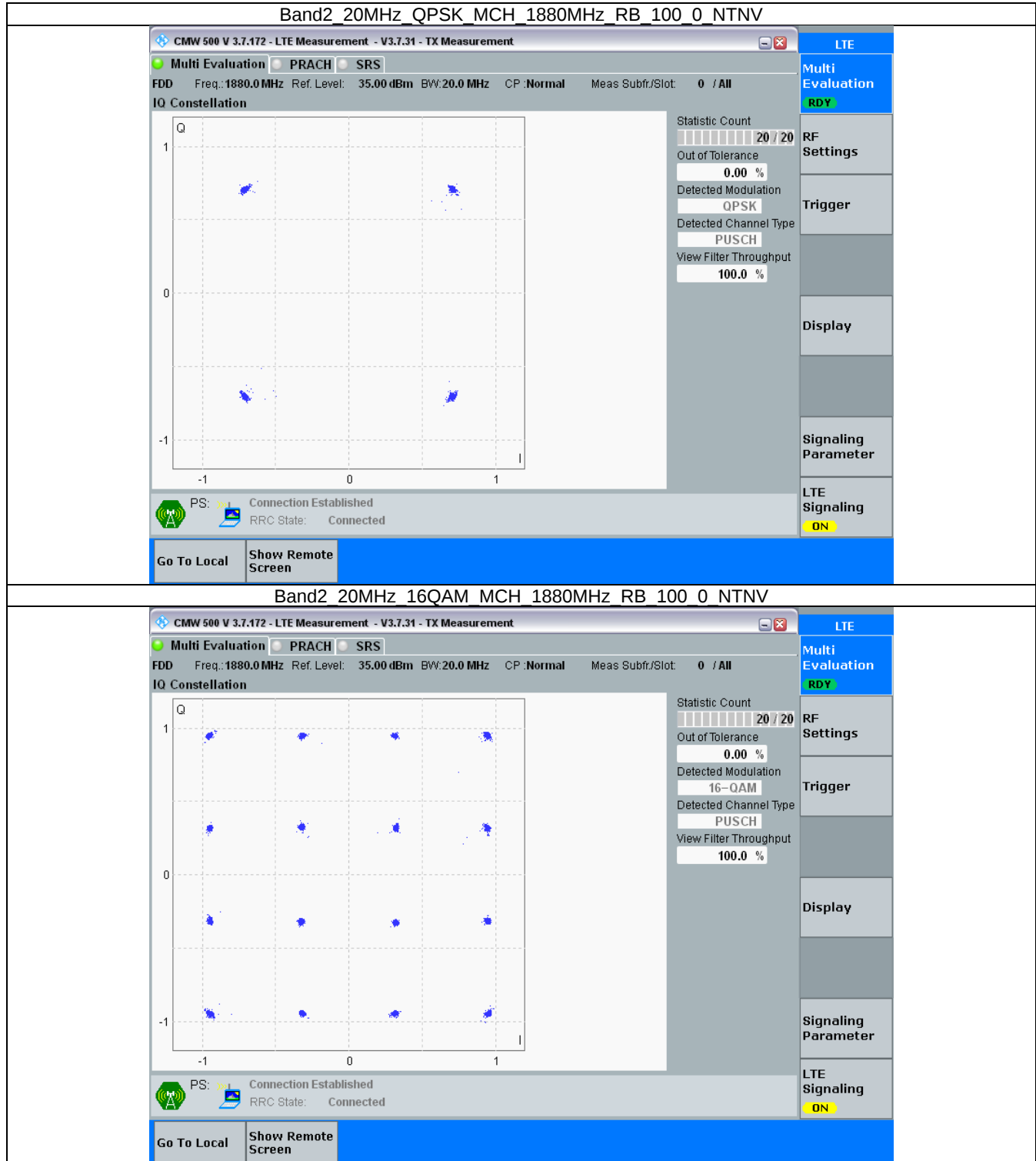
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.118	/	Pass
		1880	6	0	1.116	/	Pass
		1909.3	6	0	1.114	/	Pass
	16QAM	1850.7	6	0	1.118	/	Pass
		1880	6	0	1.106	/	Pass
		1909.3	6	0	1.119	/	Pass
3	QPSK	1851.5	15	0	2.743	/	Pass
		1880	15	0	2.730	/	Pass
		1908.5	15	0	2.725	/	Pass
	16QAM	1851.5	15	0	2.732	/	Pass
		1880	15	0	2.720	/	Pass
		1908.5	15	0	2.721	/	Pass
5	QPSK	1852.5	25	0	4.556	/	Pass
		1880	25	0	4.547	/	Pass
		1907.5	25	0	4.531	/	Pass
	16QAM	1852.5	25	0	4.580	/	Pass
		1880	25	0	4.543	/	Pass
		1907.5	25	0	4.513	/	Pass
10	QPSK	1855	50	0	9.063	/	Pass
		1880	50	0	9.014	/	Pass
		1905	50	0	8.963	/	Pass
	16QAM	1855	50	0	9.055	/	Pass
		1880	50	0	9.031	/	Pass
		1905	50	0	8.989	/	Pass
15	QPSK	1857.5	75	0	13.609	/	Pass
		1880	75	0	13.540	/	Pass
		1902.5	75	0	13.524	/	Pass
	16QAM	1857.5	75	0	13.592	/	Pass
		1880	75	0	13.536	/	Pass
		1902.5	75	0	13.533	/	Pass
20	QPSK	1860	100	0	18.143	/	Pass
		1880	100	0	17.985	/	Pass
		1900	100	0	18.019	/	Pass
	16QAM	1860	100	0	18.185	/	Pass
		1880	100	0	18.024	/	Pass
		1900	100	0	18.068	/	Pass

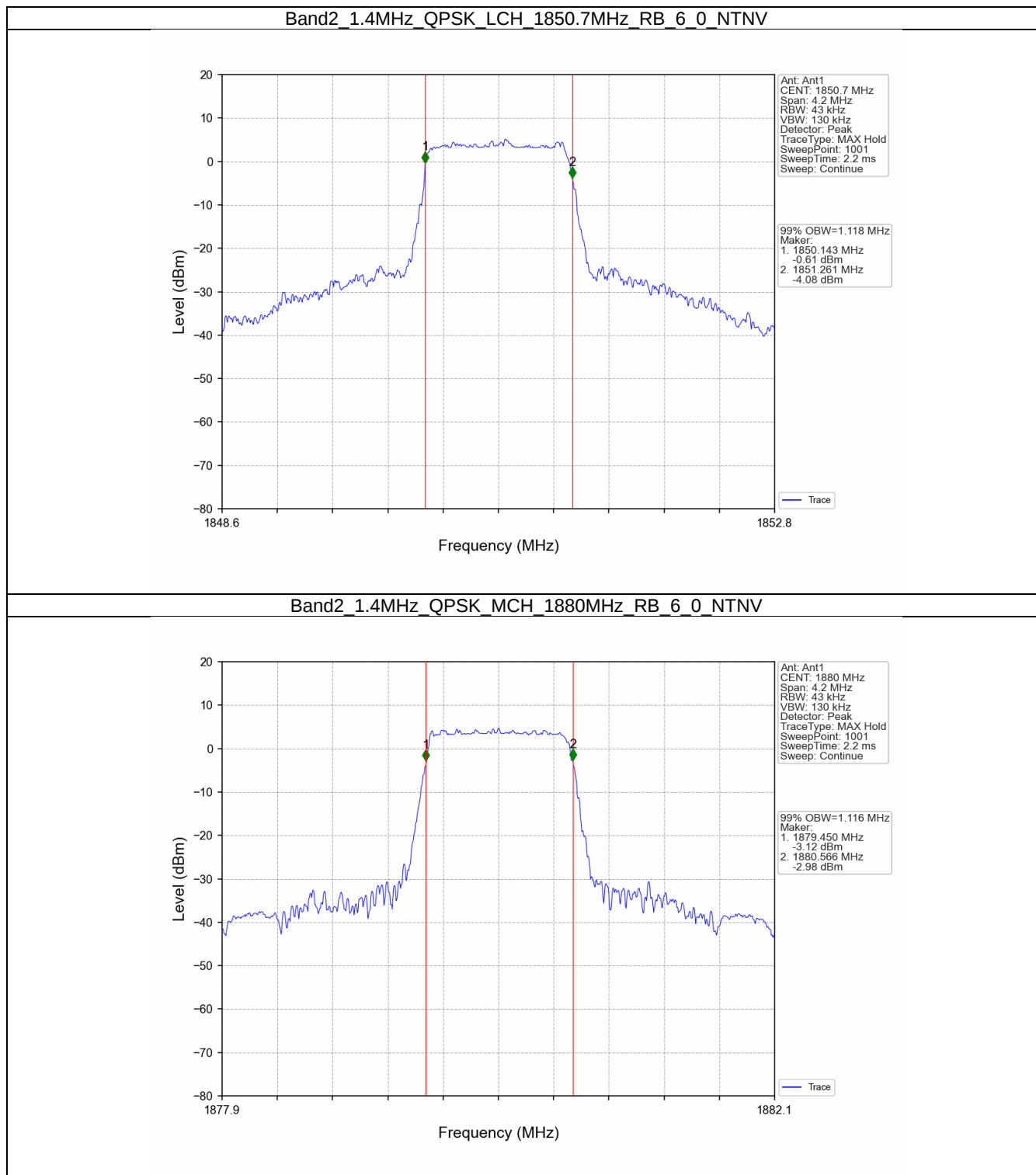
4.1.2 Band2_XDB

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	
			Size	Offset	Result	Limit
						Verdict

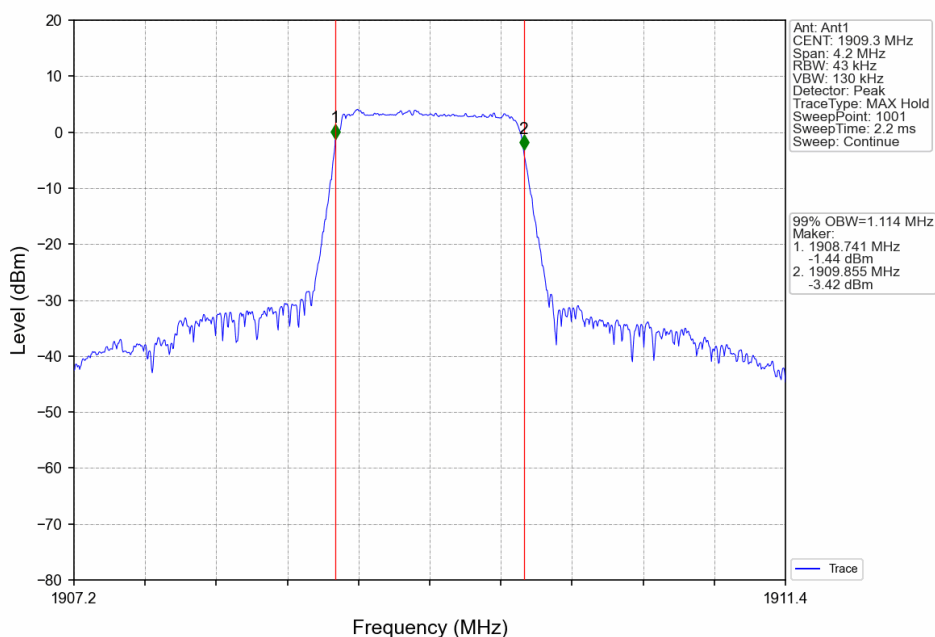
1.4	QPSK	1850.7	6	0	1.317	/	Pass
		1880	6	0	1.315	/	Pass
		1909.3	6	0	1.304	/	Pass
	16QAM	1850.7	6	0	1.314	/	Pass
		1880	6	0	1.294	/	Pass
		1909.3	6	0	1.297	/	Pass
3	QPSK	1851.5	15	0	3.056	/	Pass
		1880	15	0	3.050	/	Pass
		1908.5	15	0	3.045	/	Pass
	16QAM	1851.5	15	0	3.064	/	Pass
		1880	15	0	3.047	/	Pass
		1908.5	15	0	3.045	/	Pass
5	QPSK	1852.5	25	0	4.994	/	Pass
		1880	25	0	5.022	/	Pass
		1907.5	25	0	4.998	/	Pass
	16QAM	1852.5	25	0	5.021	/	Pass
		1880	25	0	5.023	/	Pass
		1907.5	25	0	4.985	/	Pass
10	QPSK	1855	50	0	9.934	/	Pass
		1880	50	0	9.911	/	Pass
		1905	50	0	9.854	/	Pass
	16QAM	1855	50	0	9.953	/	Pass
		1880	50	0	9.885	/	Pass
		1905	50	0	9.828	/	Pass
15	QPSK	1857.5	75	0	14.909	/	Pass
		1880	75	0	14.793	/	Pass
		1902.5	75	0	14.760	/	Pass
	16QAM	1857.5	75	0	14.891	/	Pass
		1880	75	0	14.827	/	Pass
		1902.5	75	0	14.818	/	Pass
20	QPSK	1860	100	0	19.718	/	Pass
		1880	100	0	19.625	/	Pass
		1900	100	0	19.727	/	Pass
	16QAM	1860	100	0	19.670	/	Pass
		1880	100	0	19.630	/	Pass
		1900	100	0	19.629	/	Pass

4.2 Test Graph

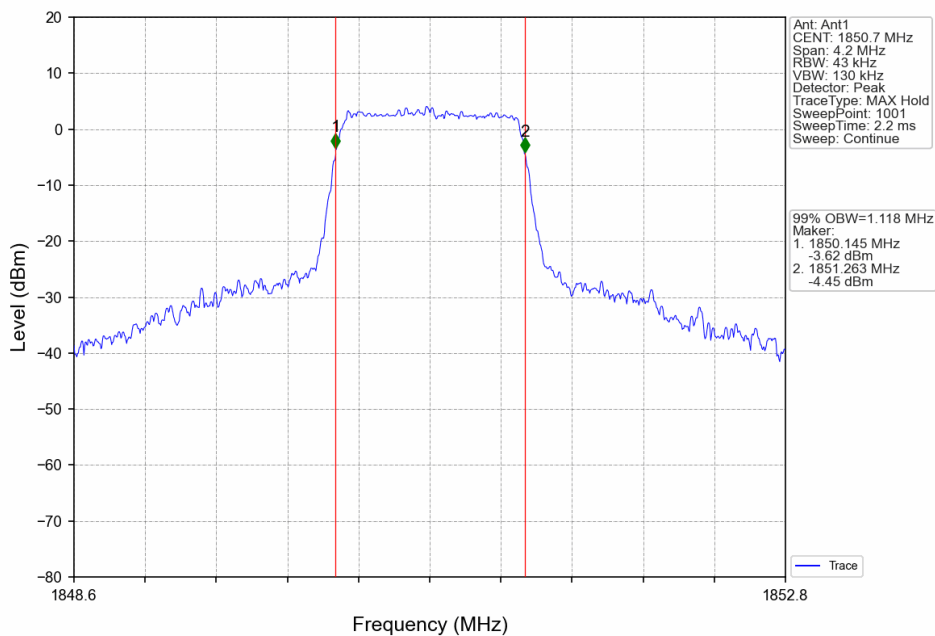
4.2.1 Band2_OBW



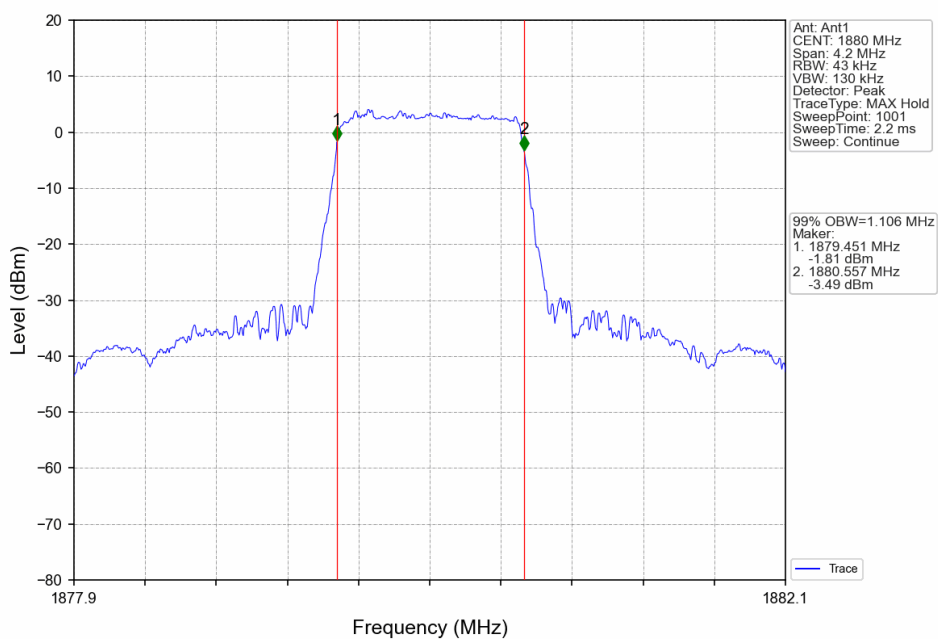
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



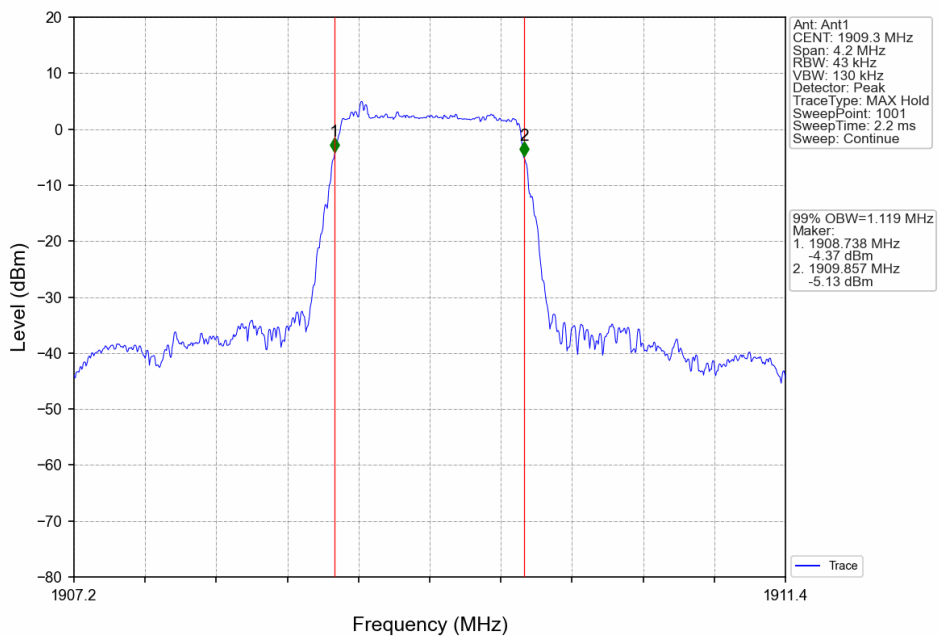
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



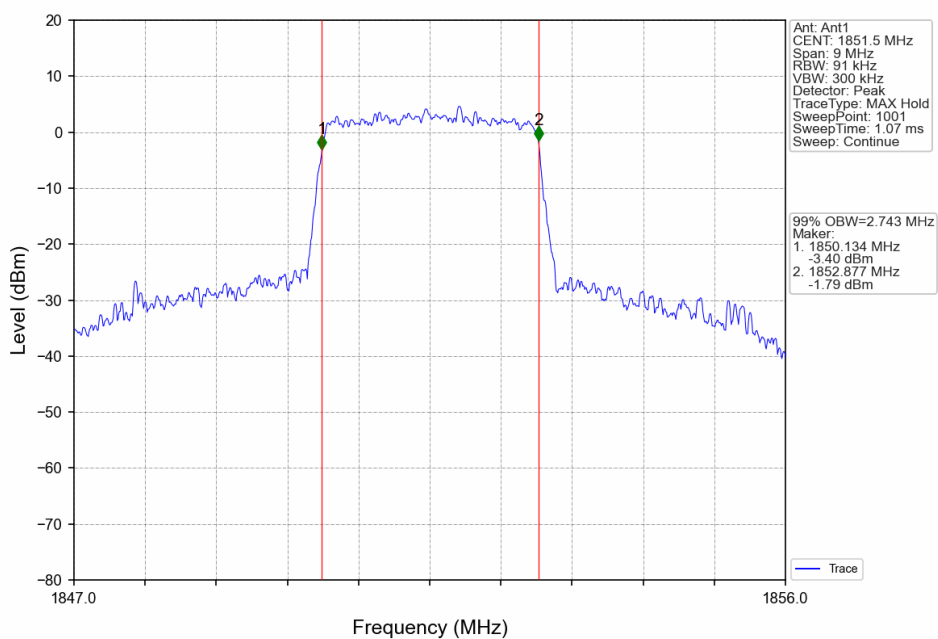
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



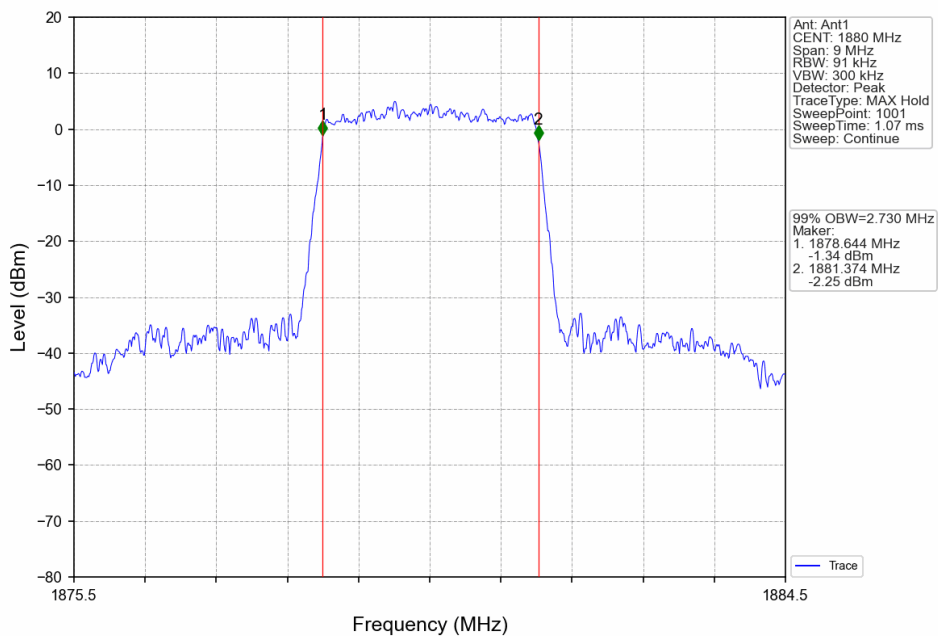
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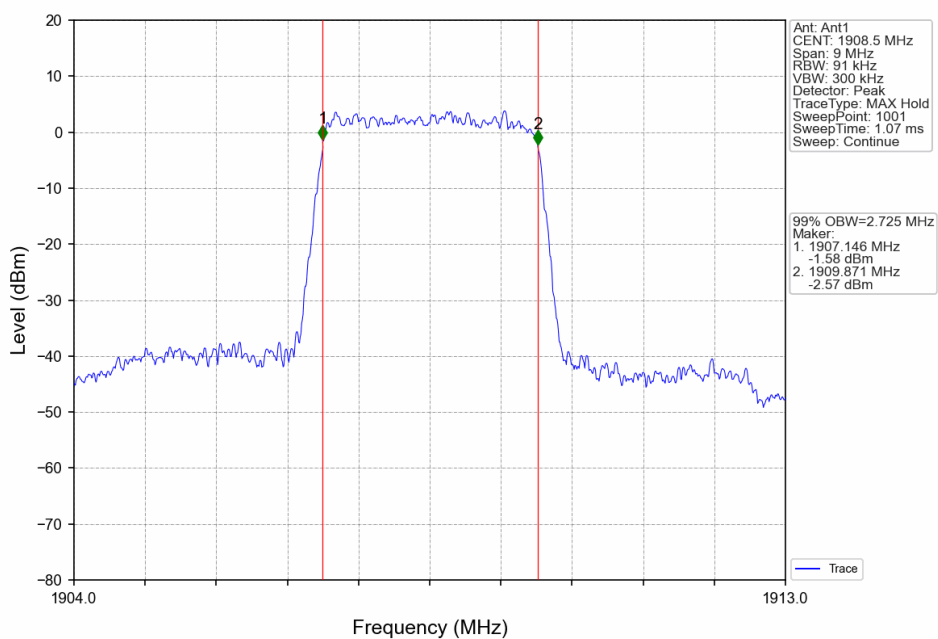
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



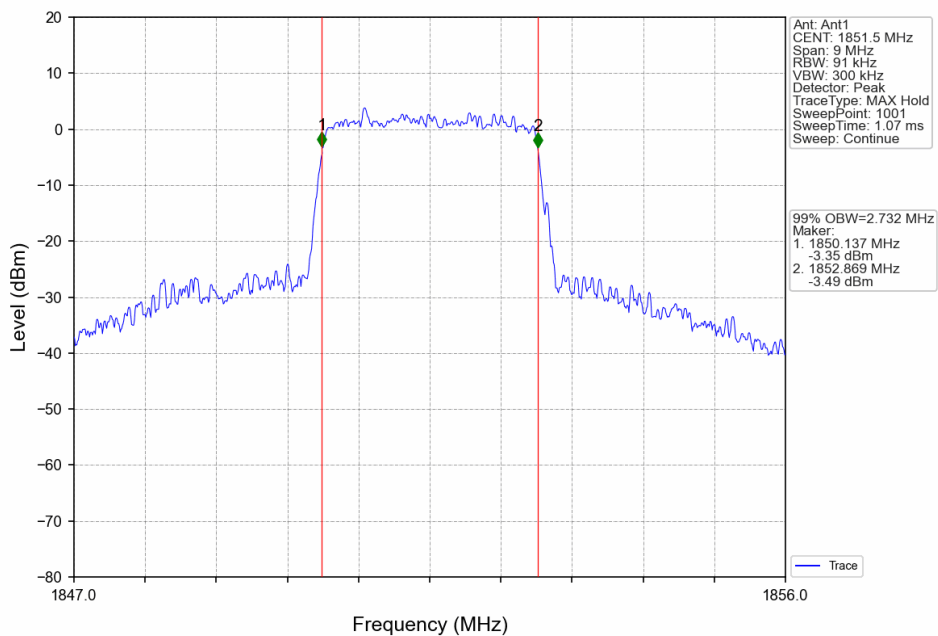
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



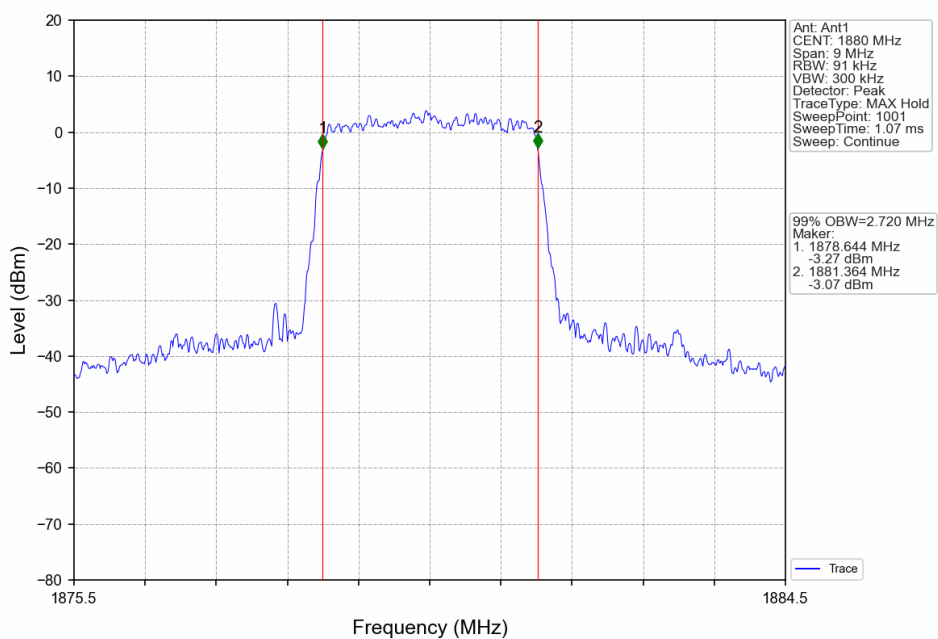
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



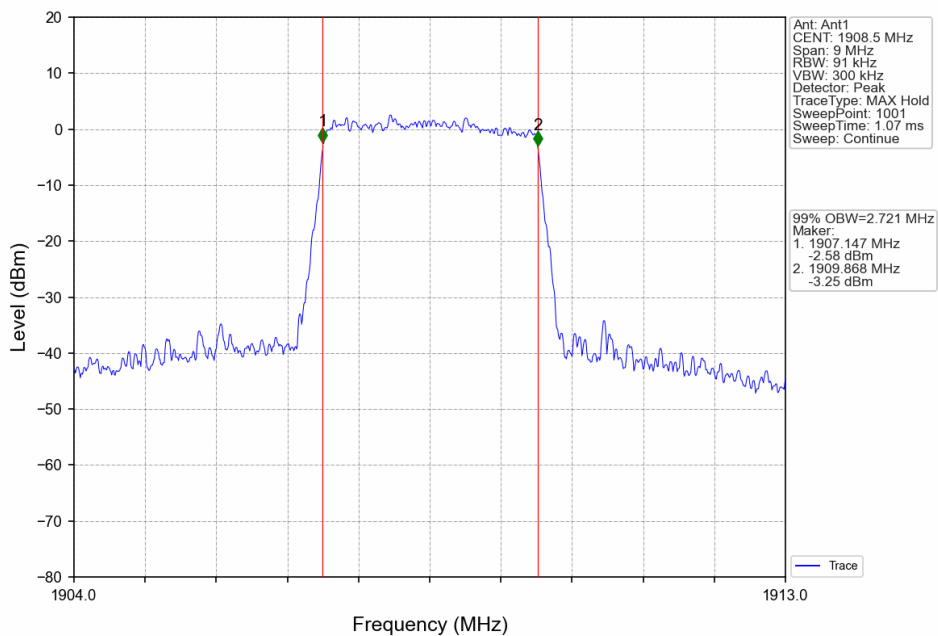
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



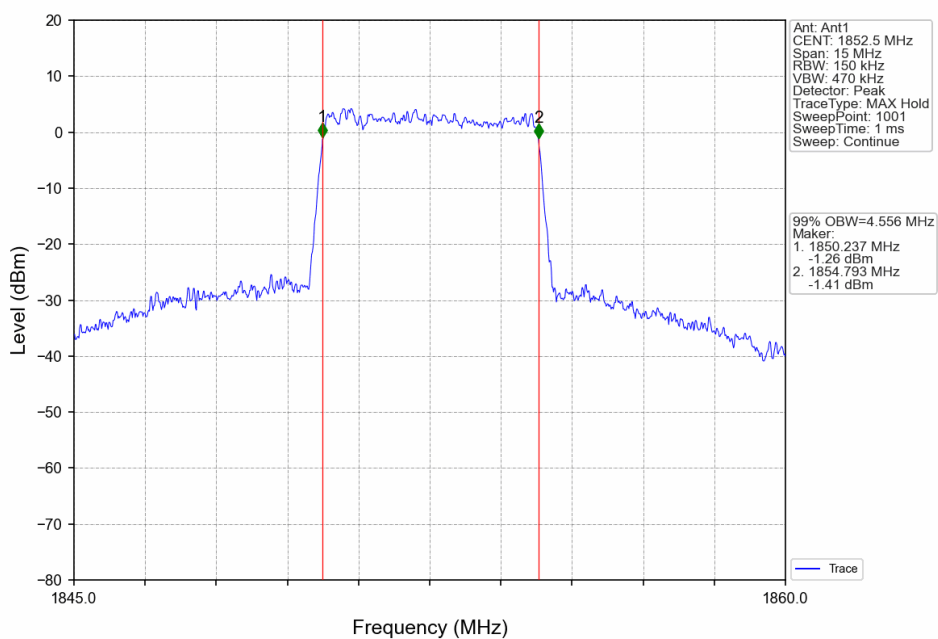
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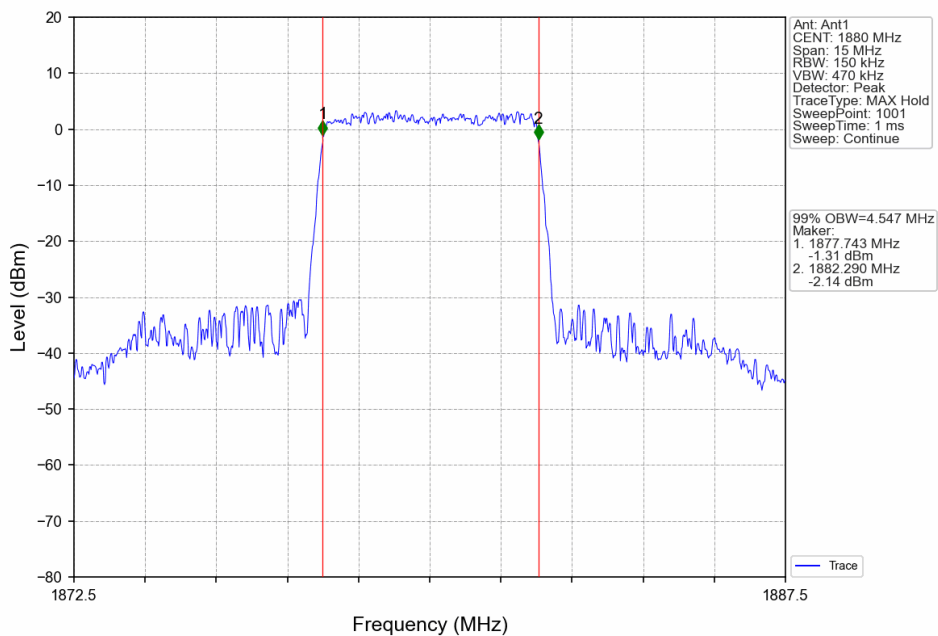
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



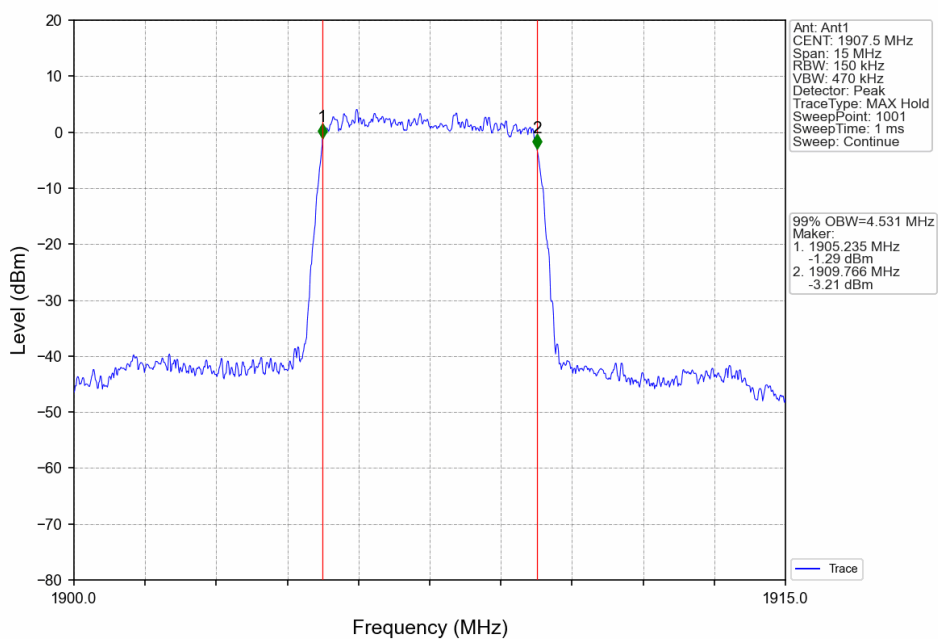
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



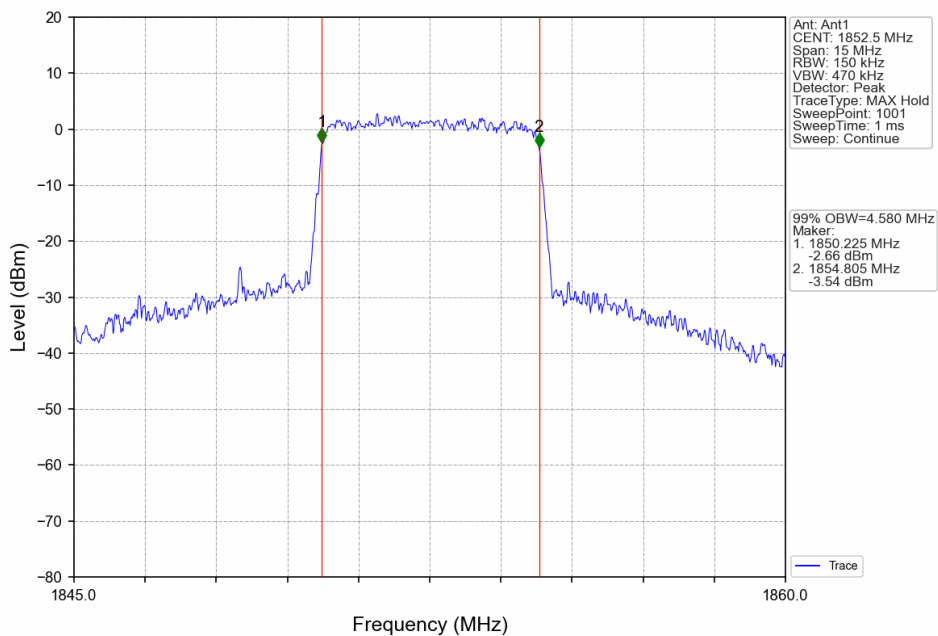
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



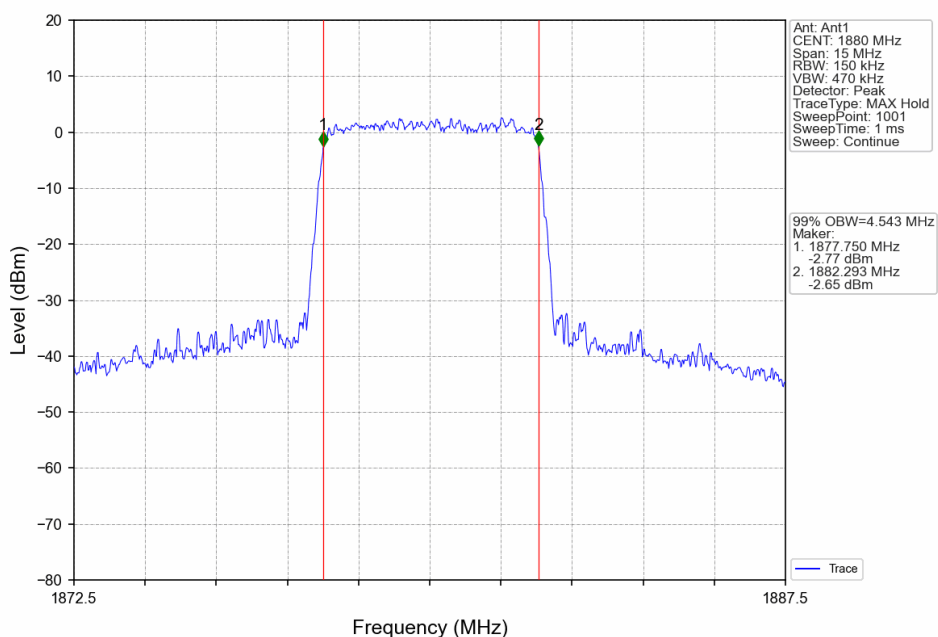
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



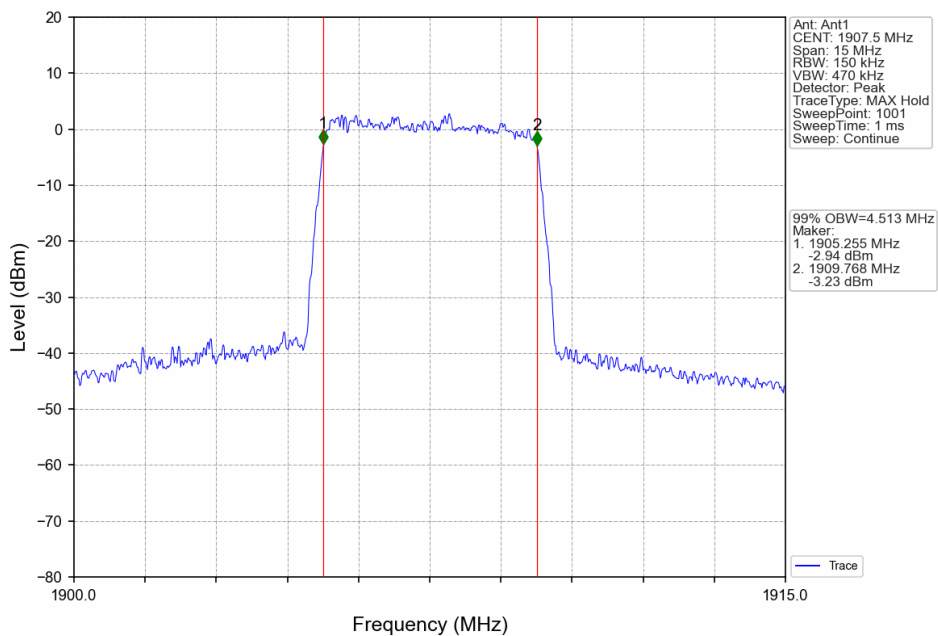
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



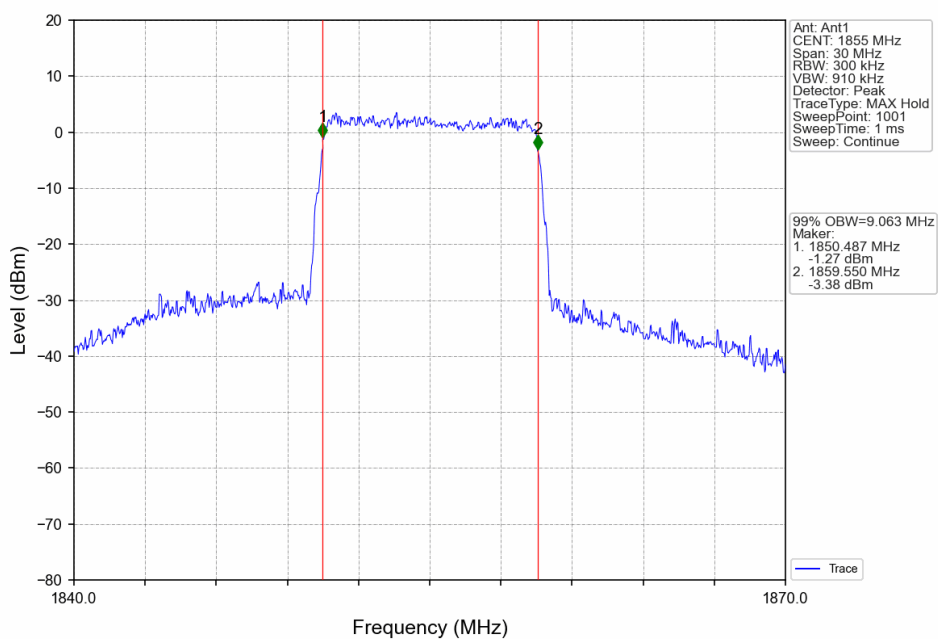
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



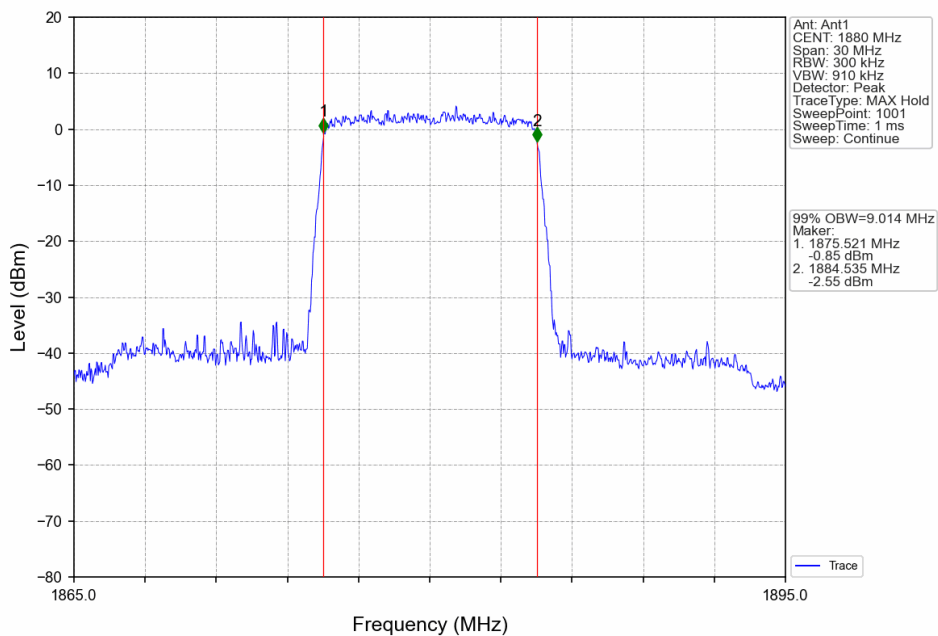
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



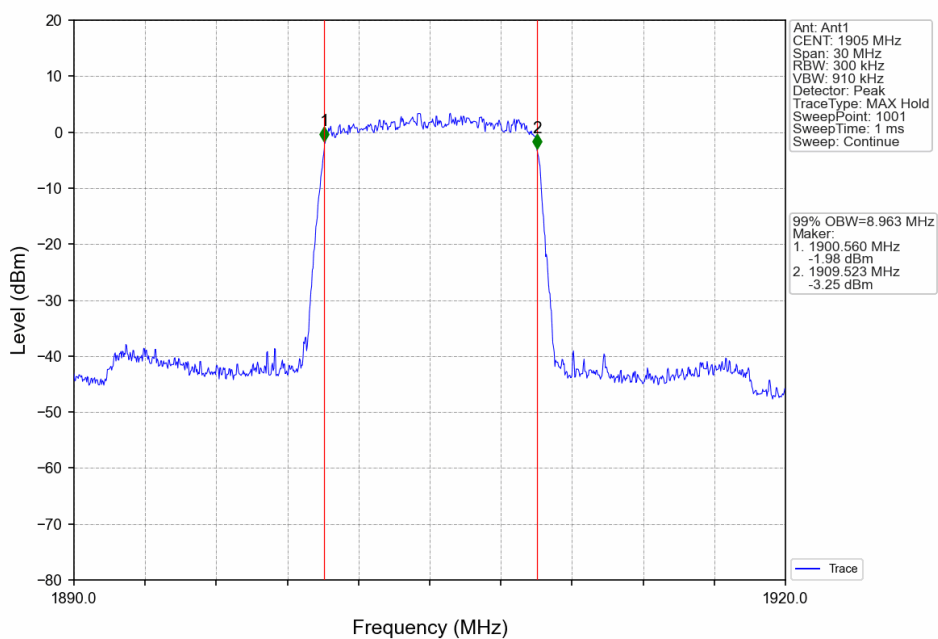
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



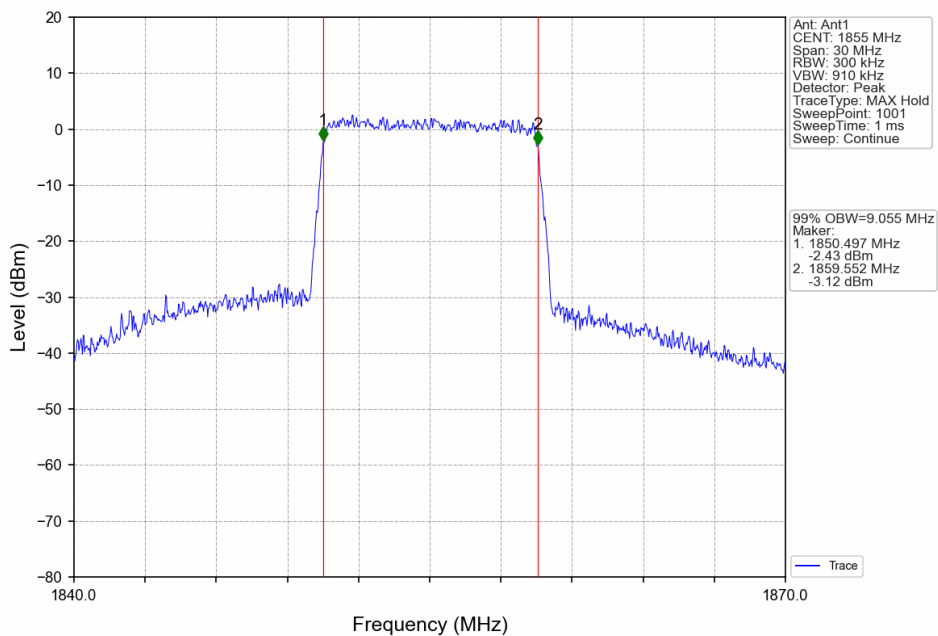
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



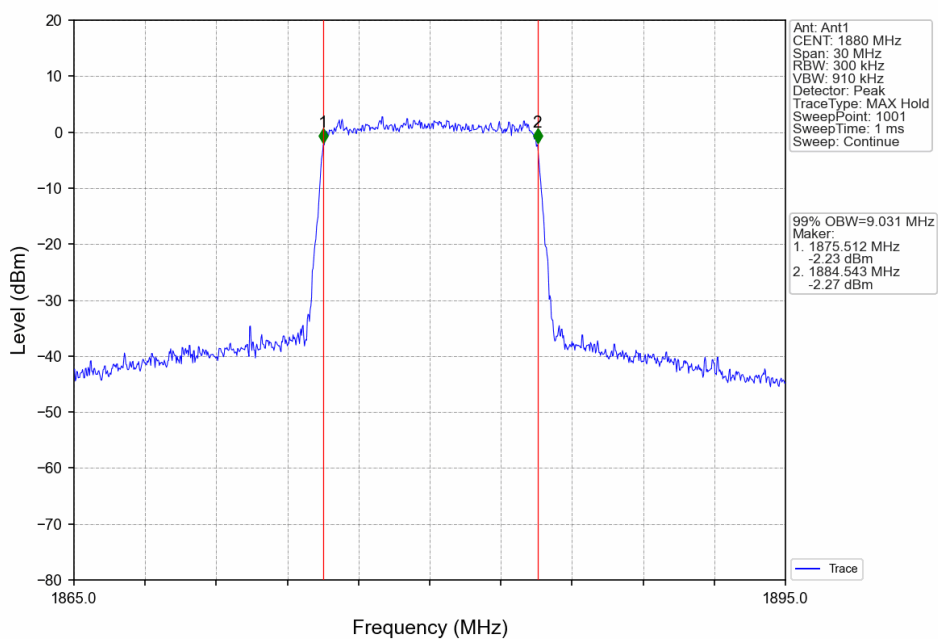
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



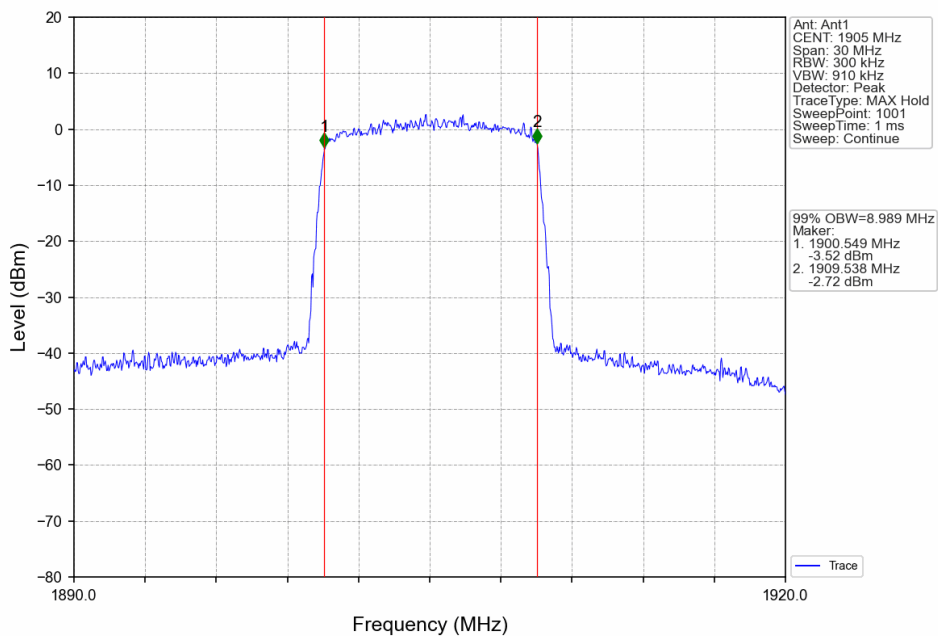
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



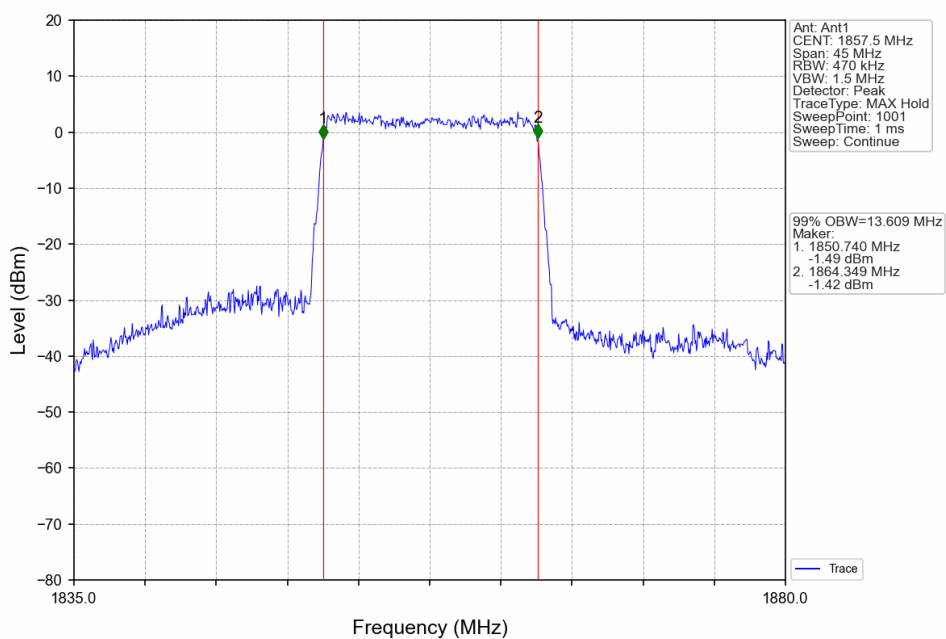
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



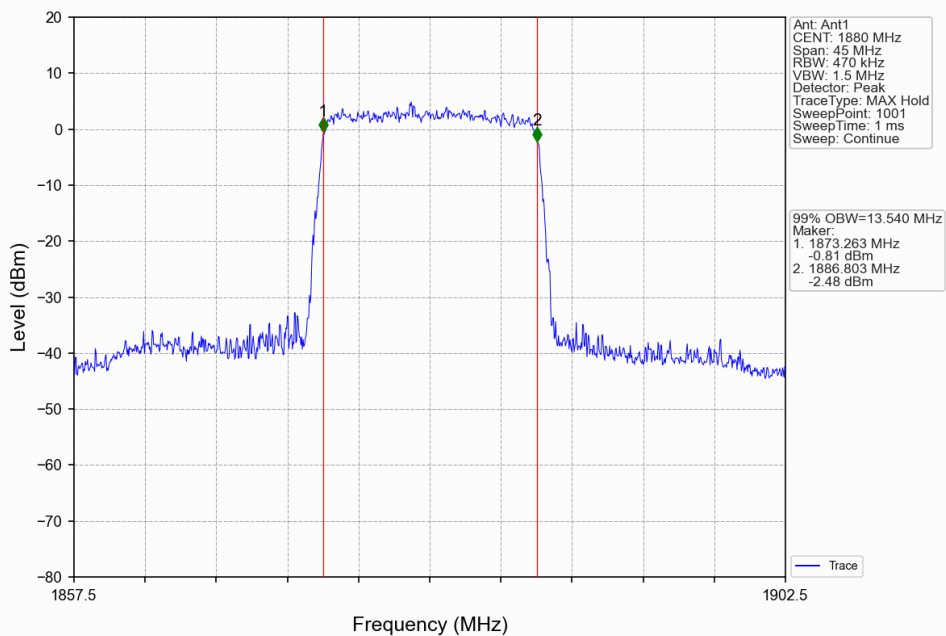
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



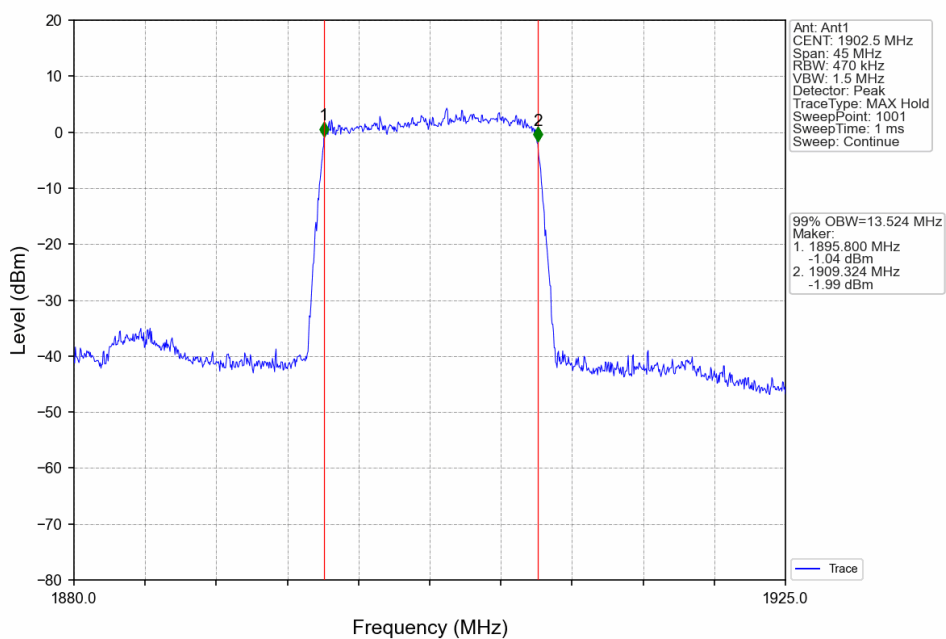
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



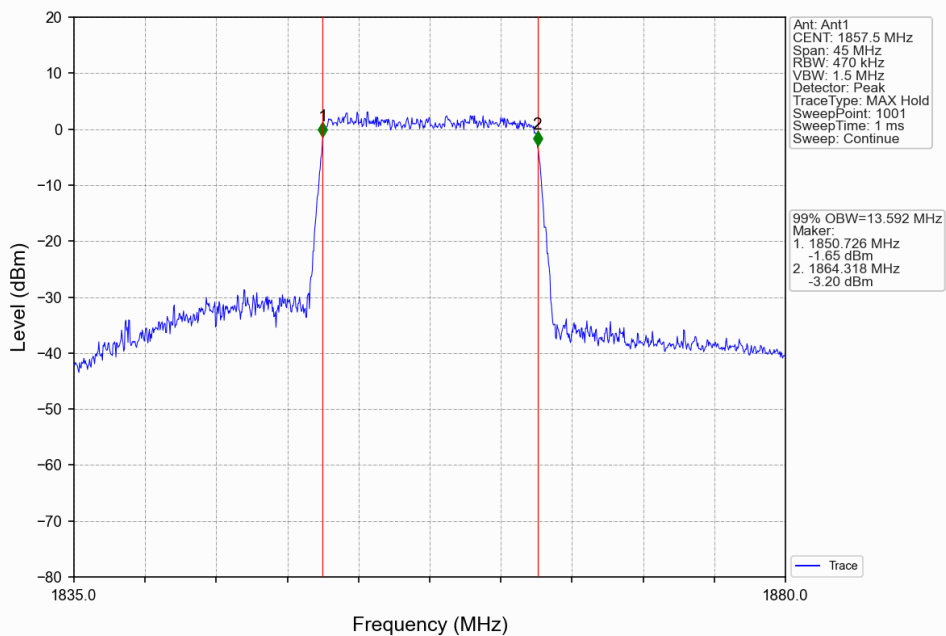
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



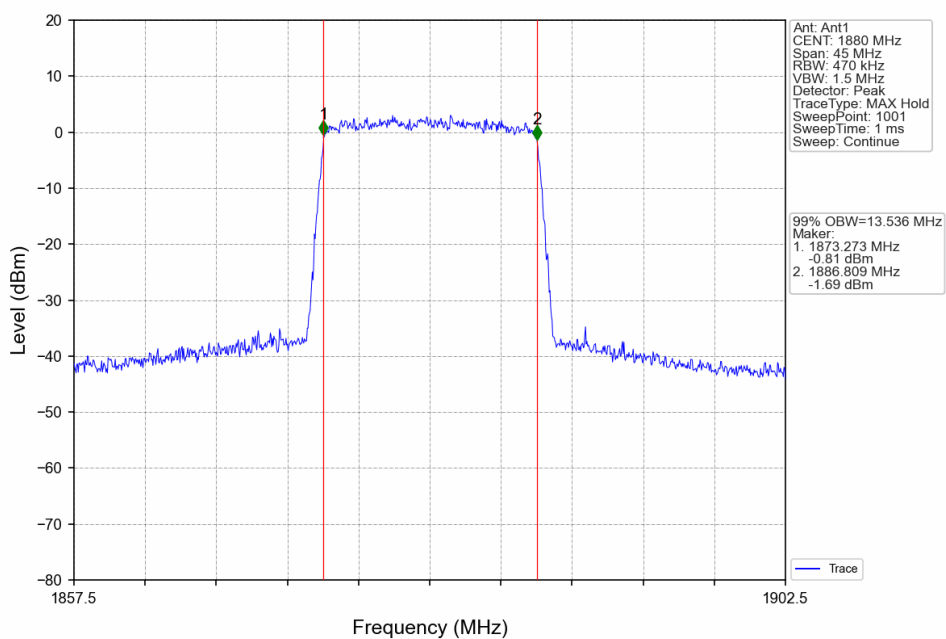
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



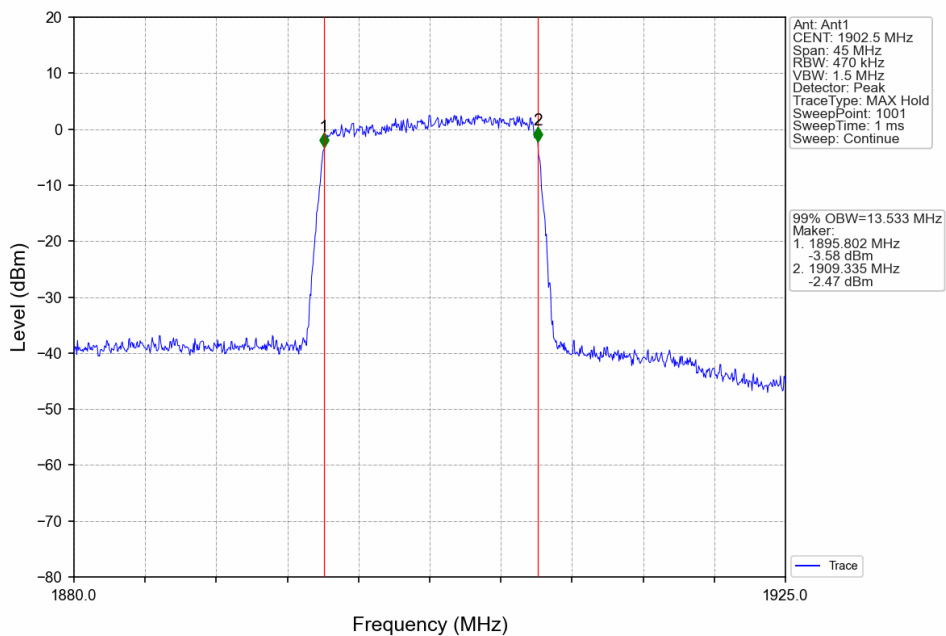
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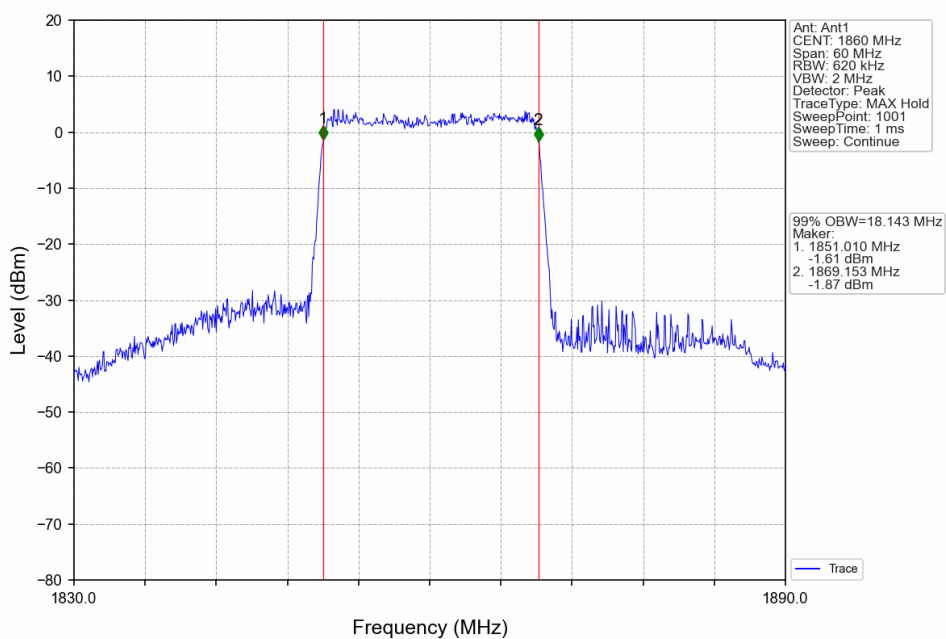
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



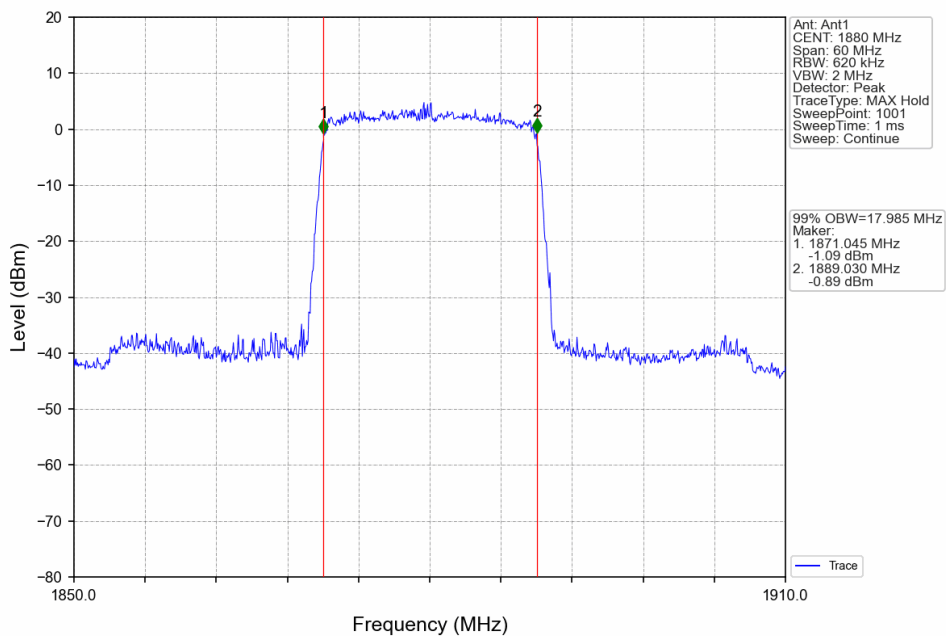
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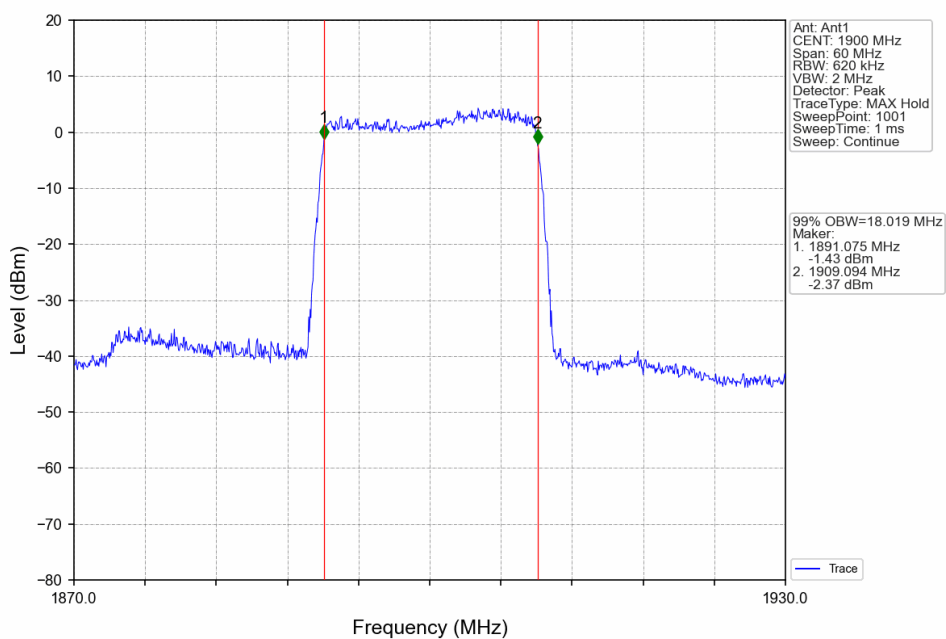
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



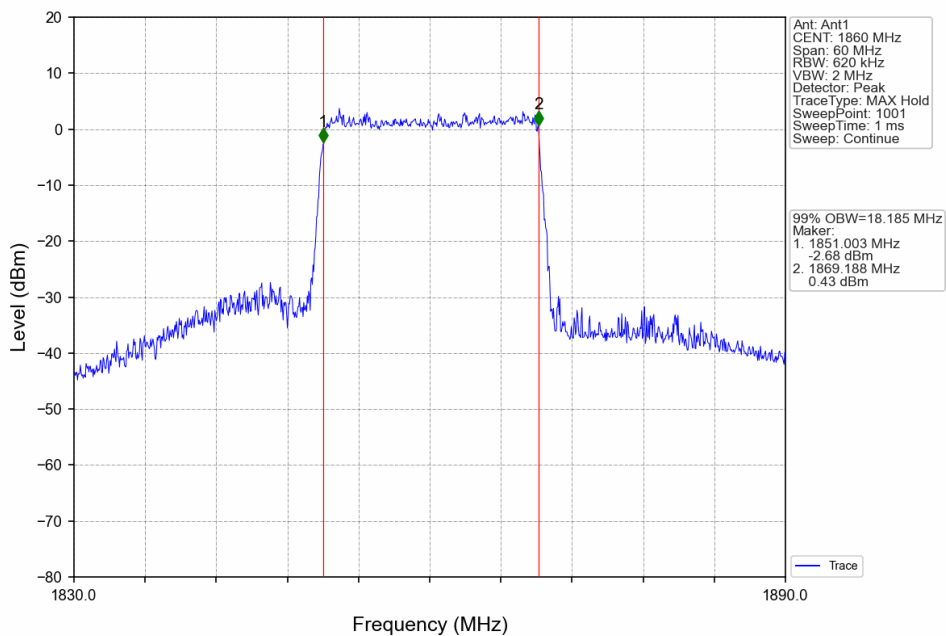
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



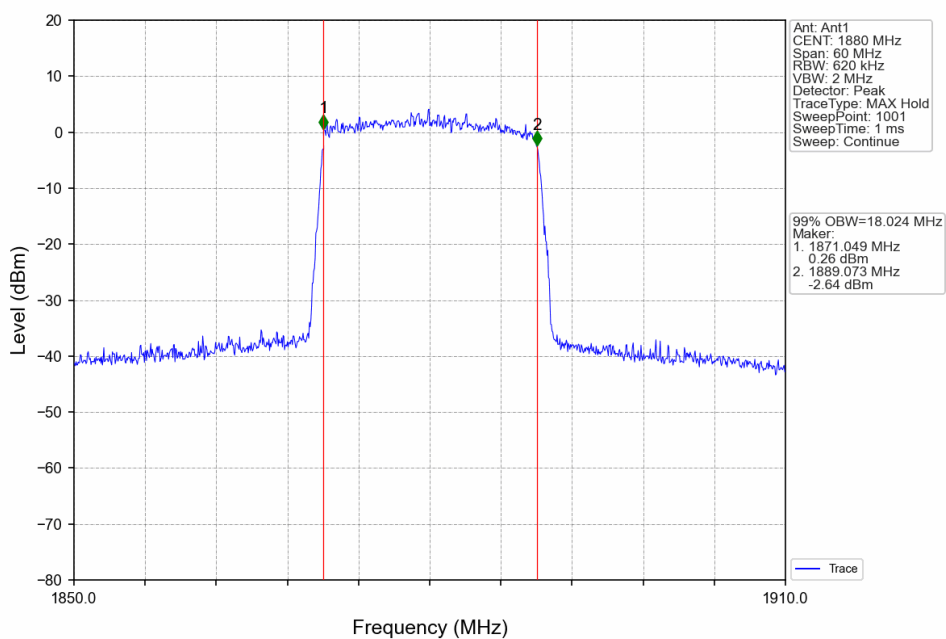
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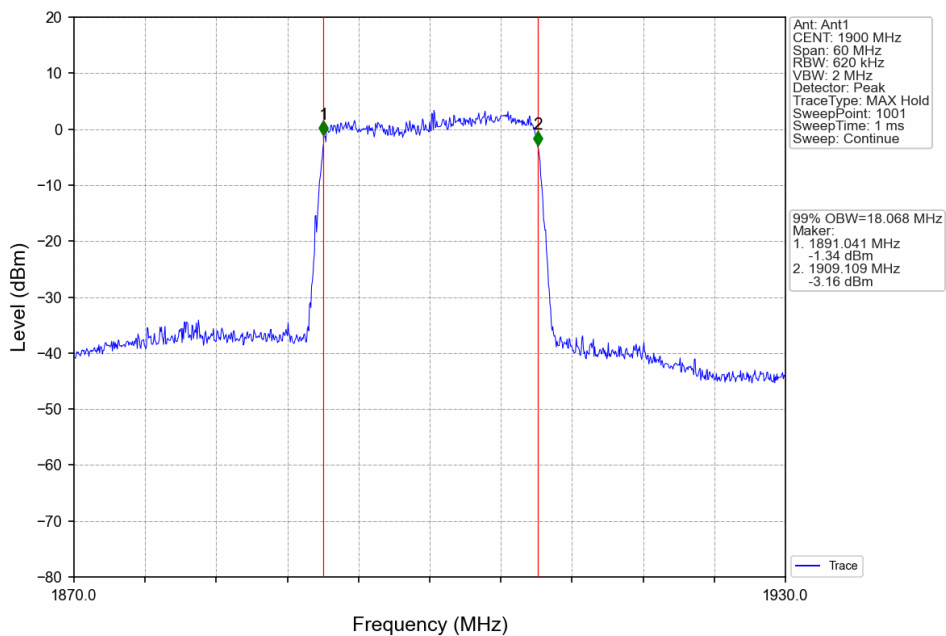
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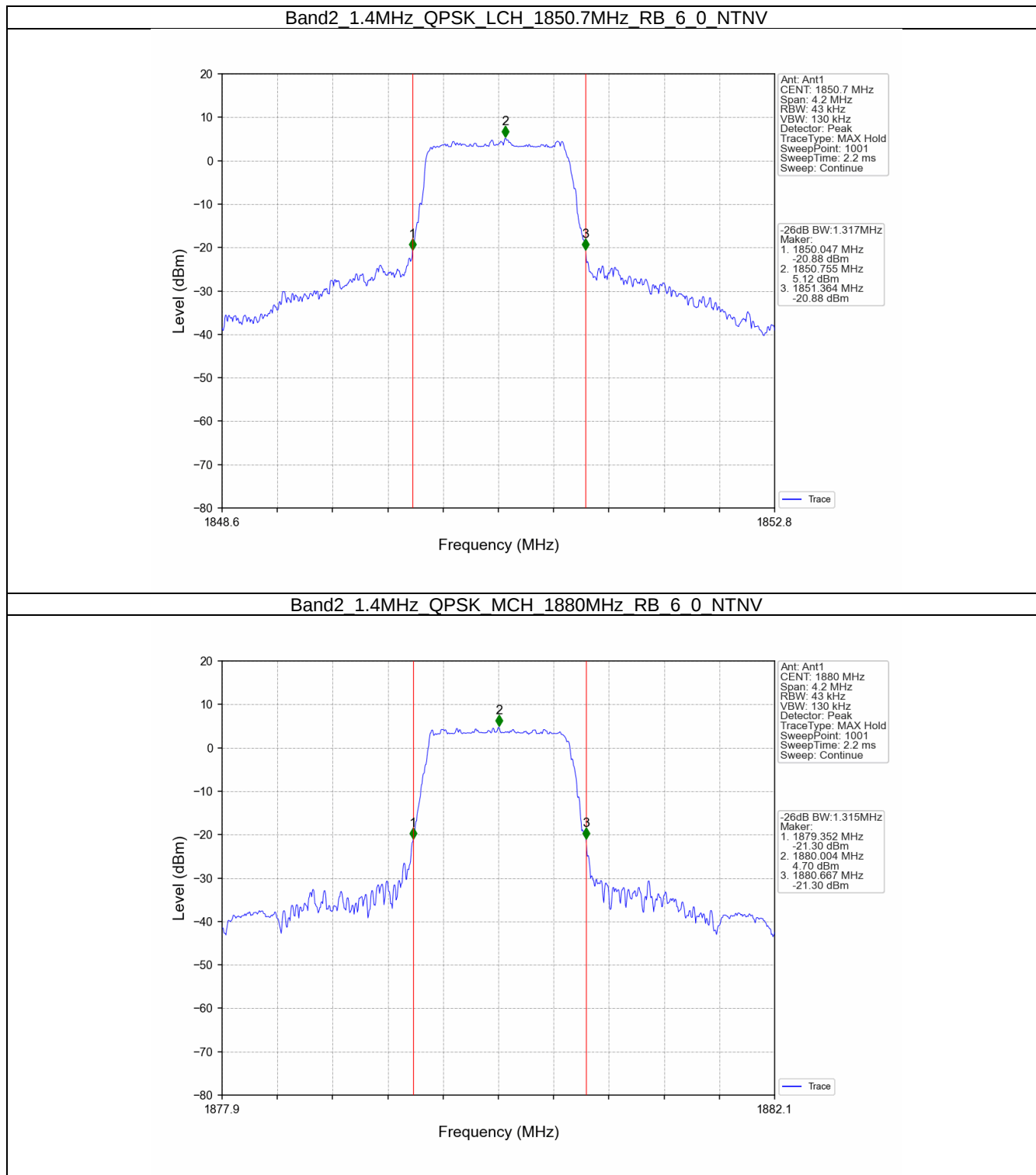
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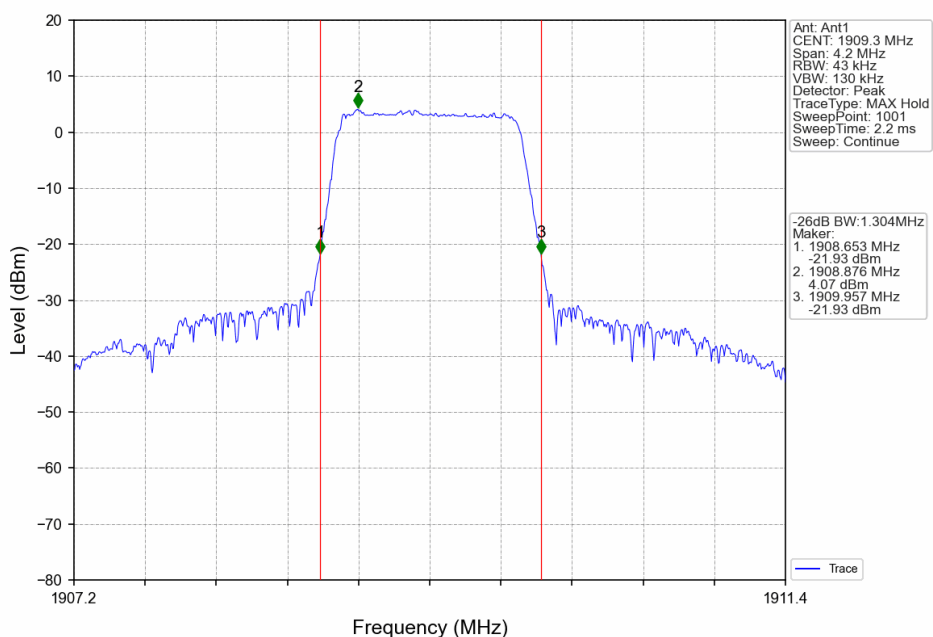
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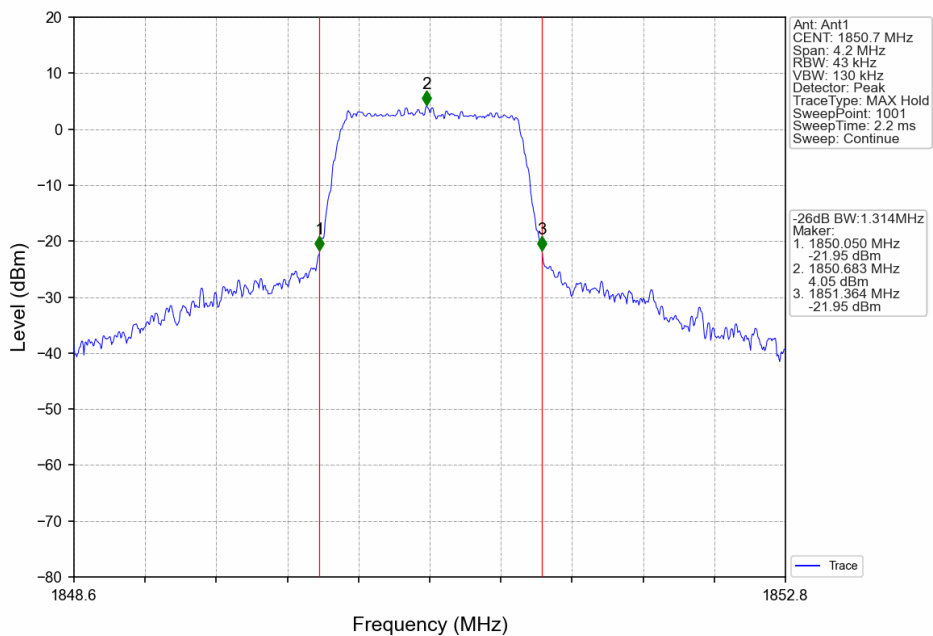
4.2.2 Band2_XDB



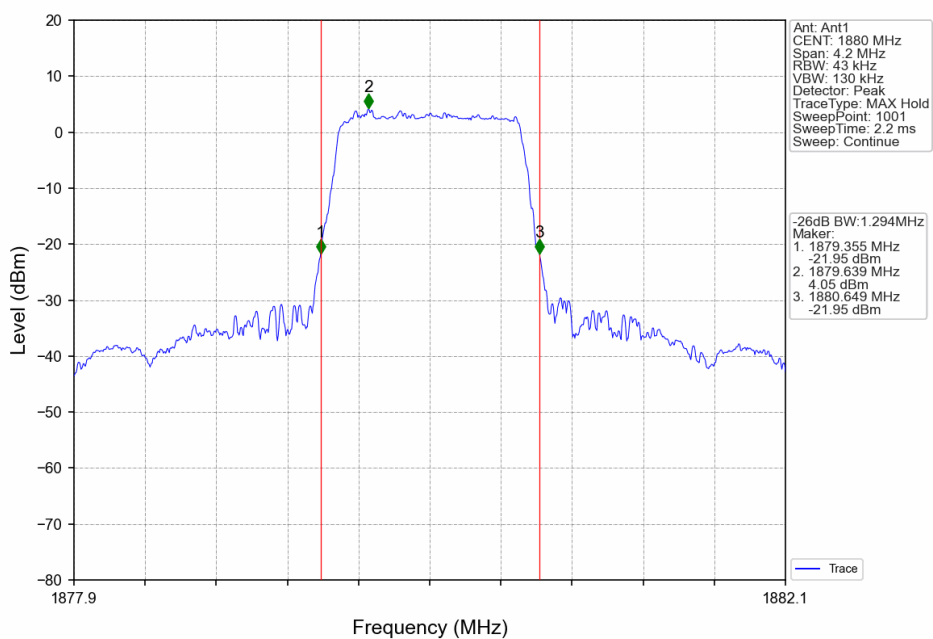
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



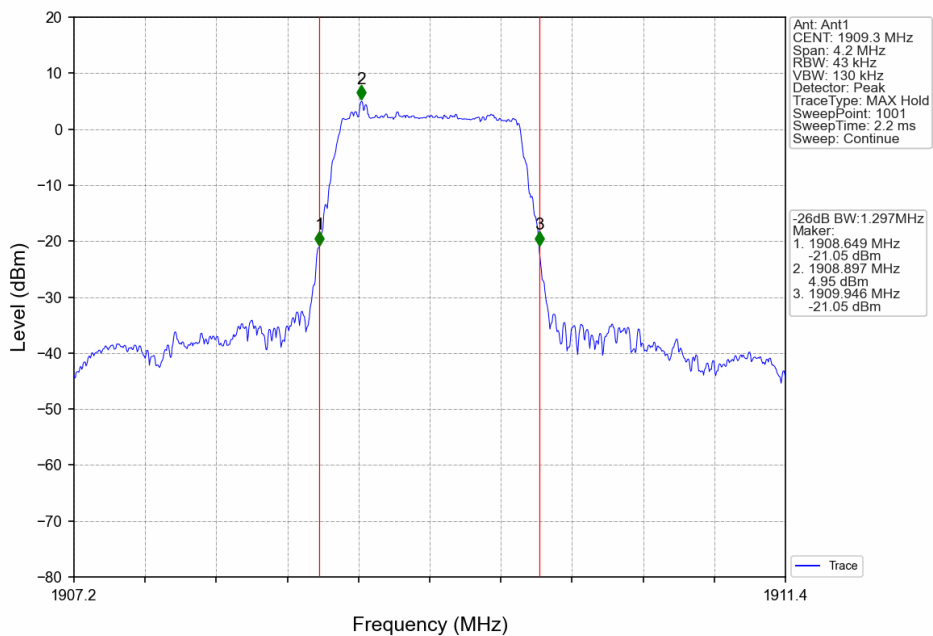
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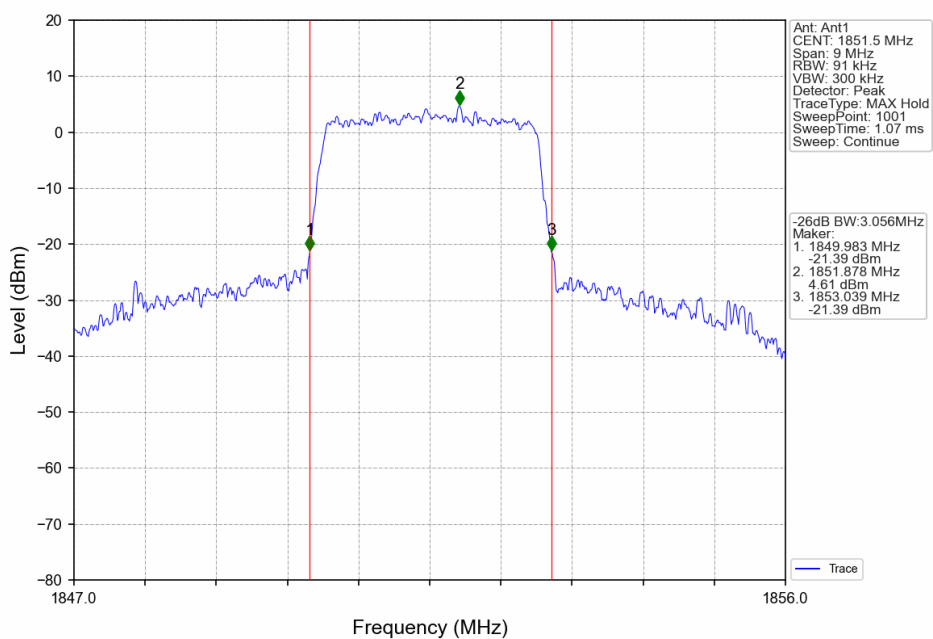
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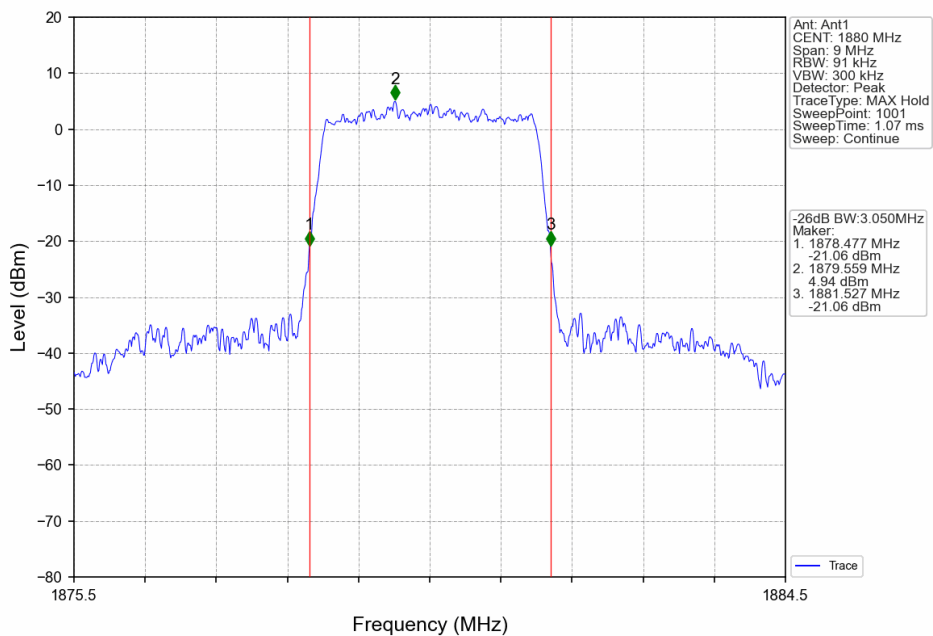
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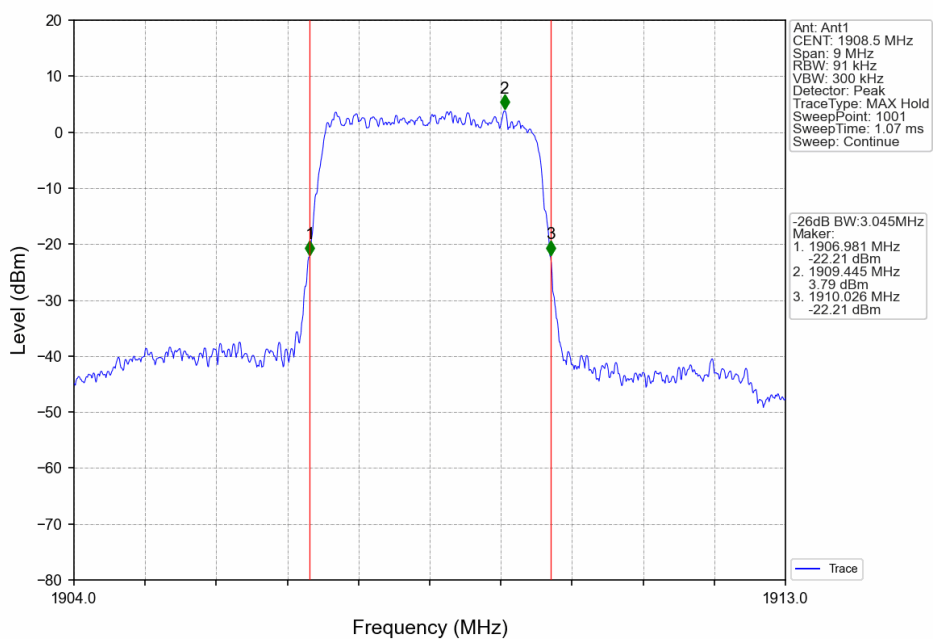
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



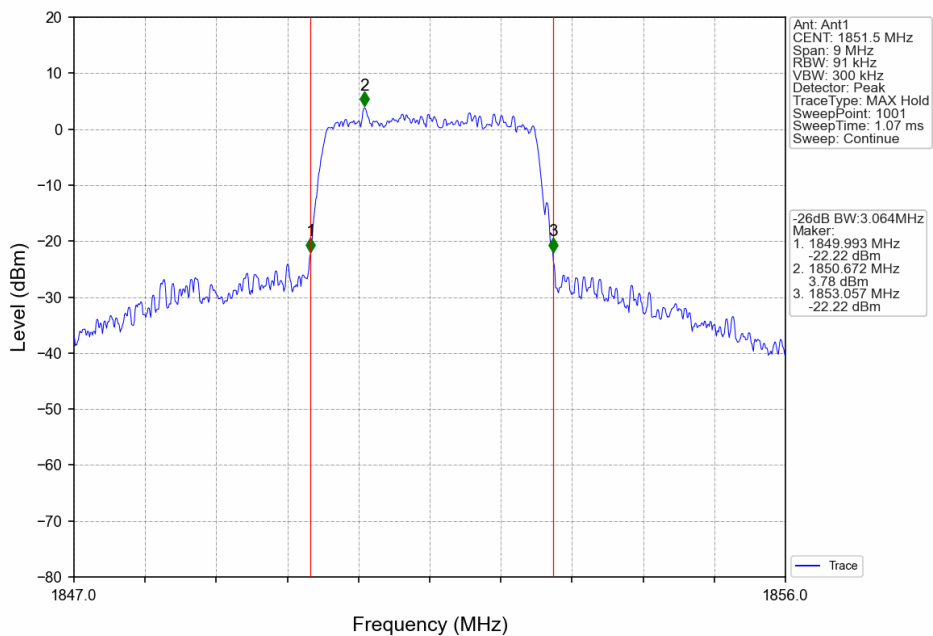
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



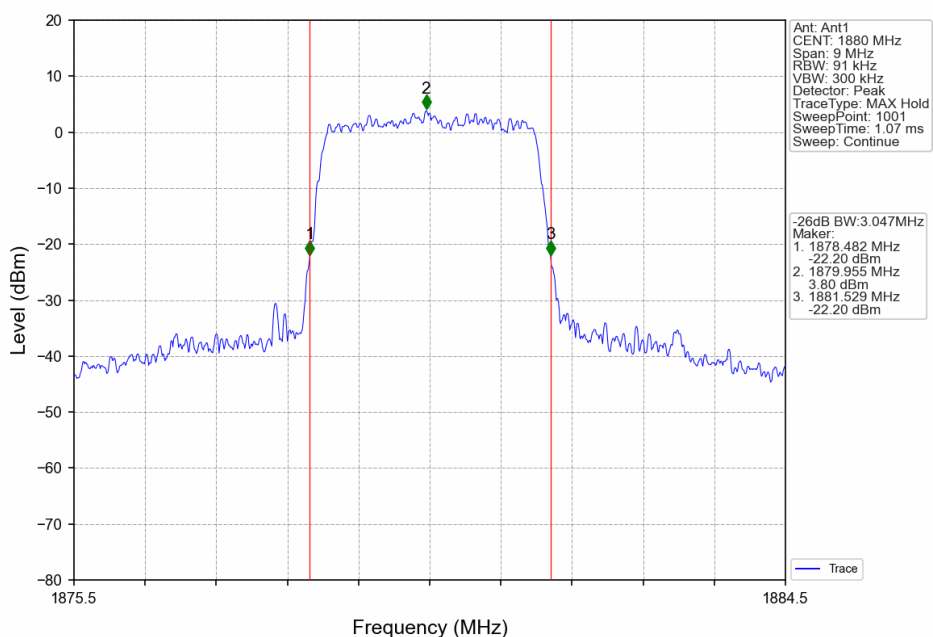
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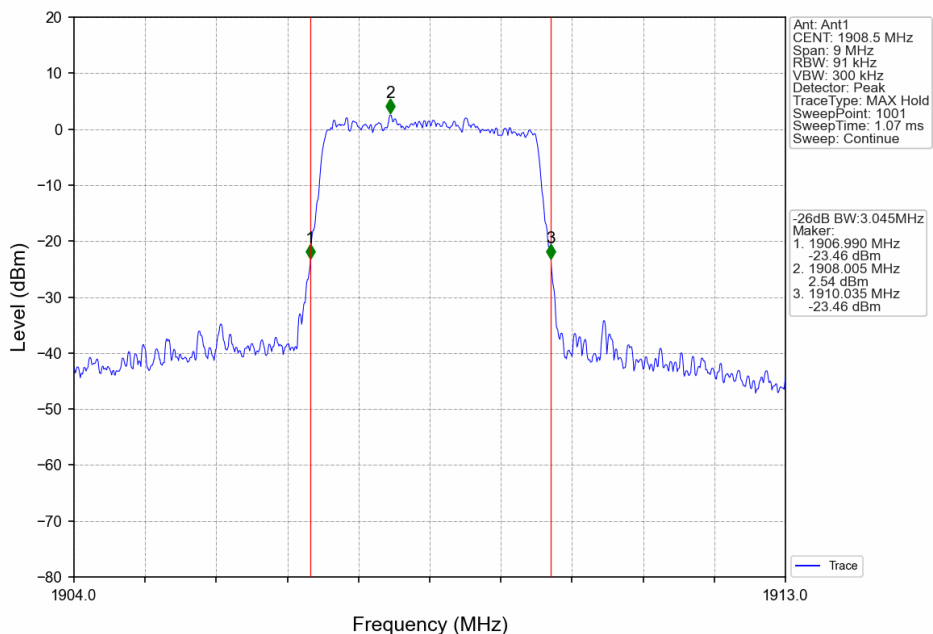
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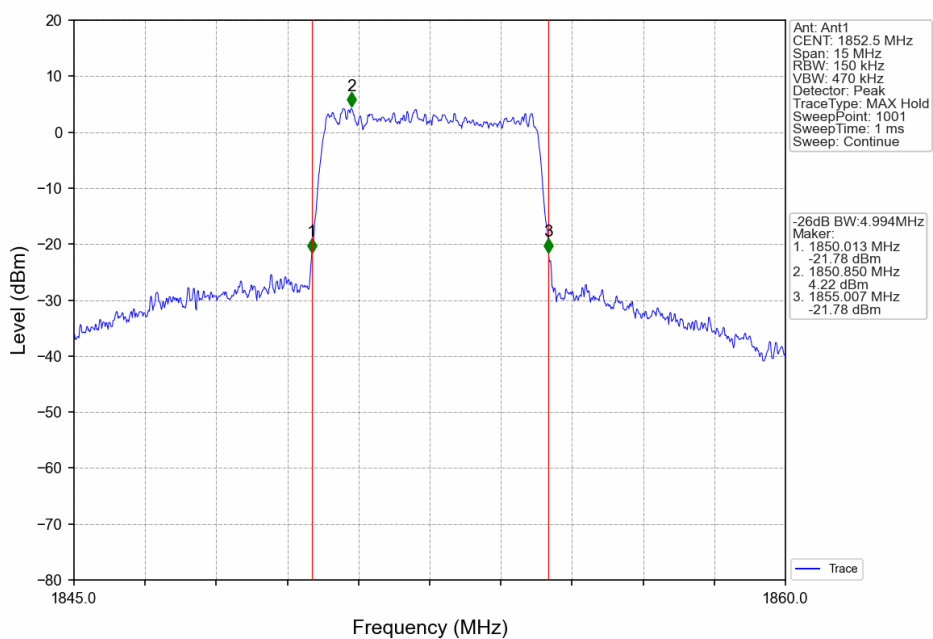
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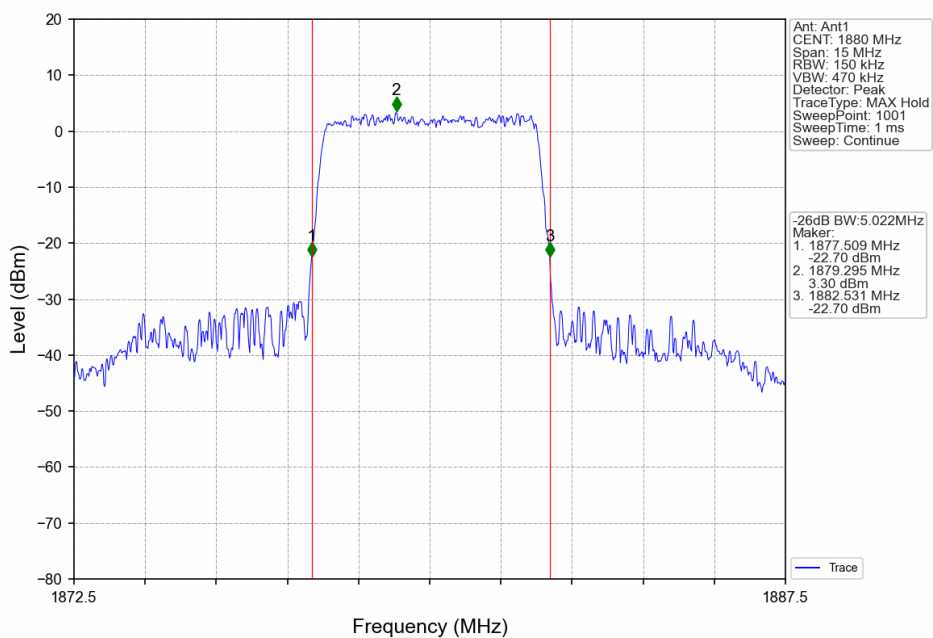
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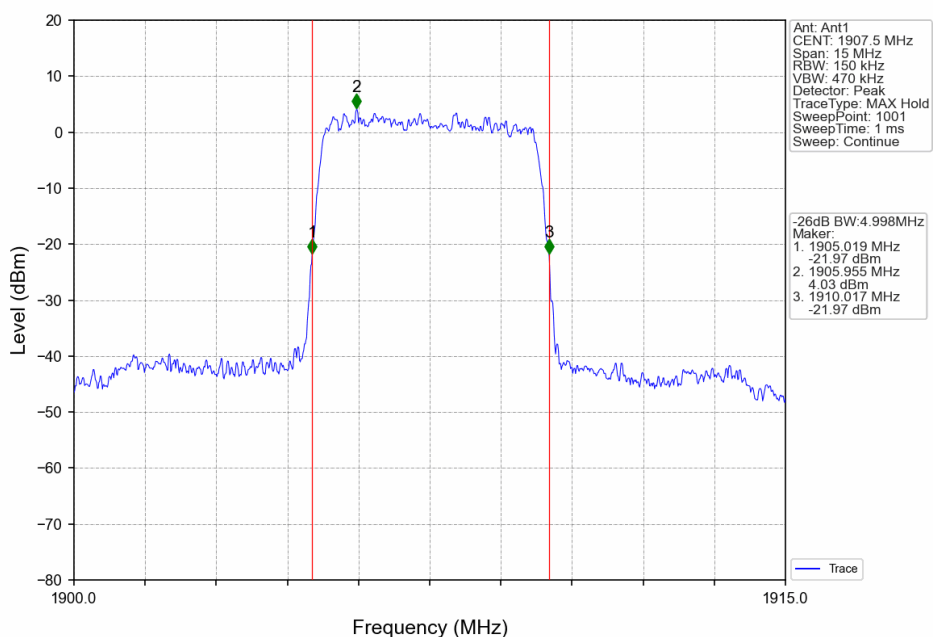
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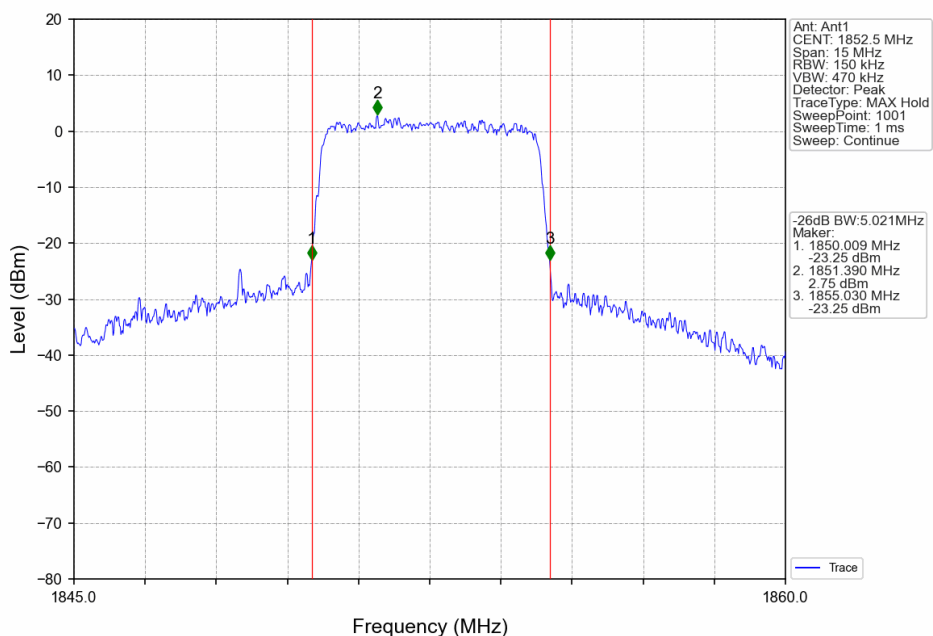
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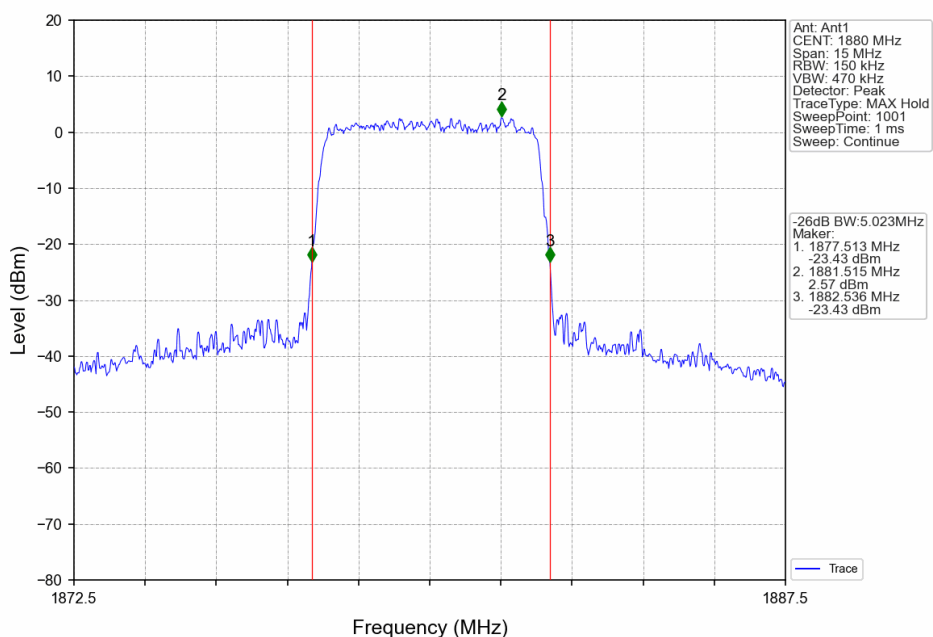
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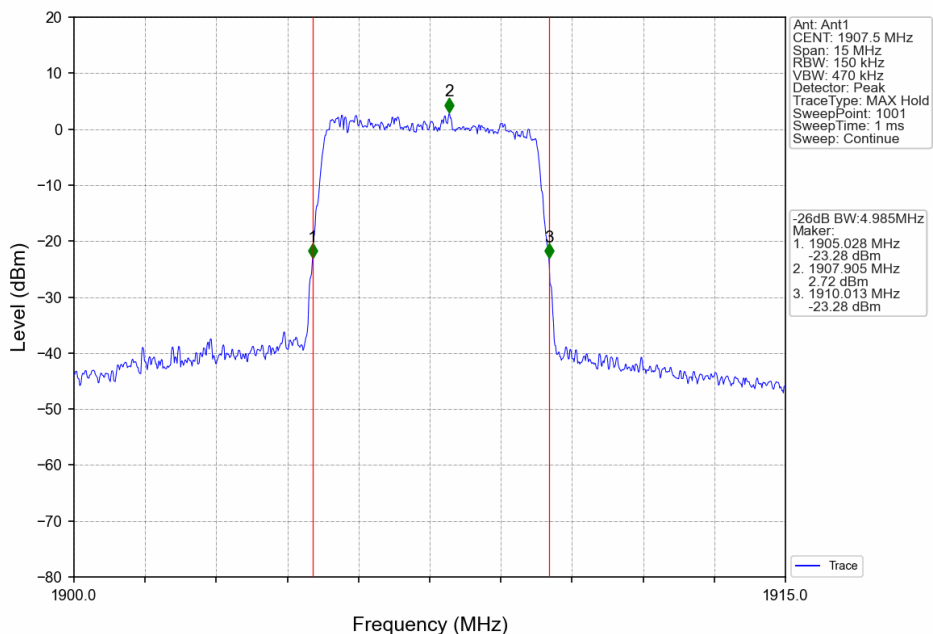
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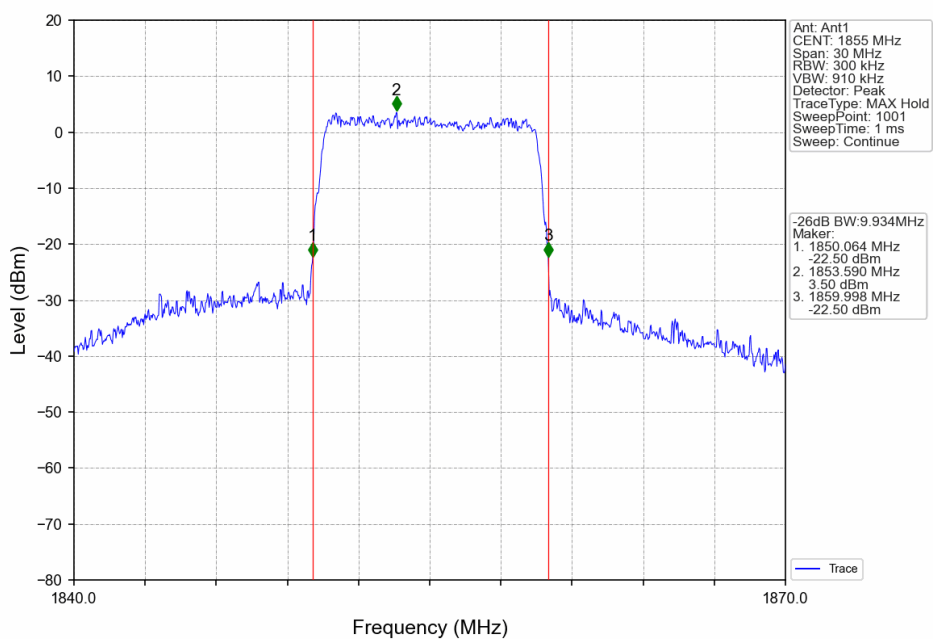
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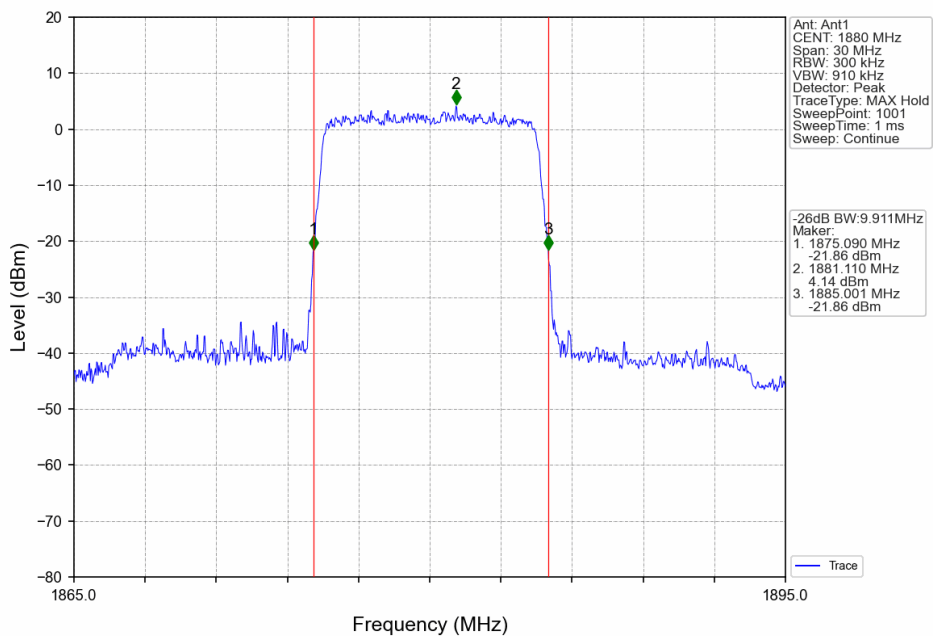
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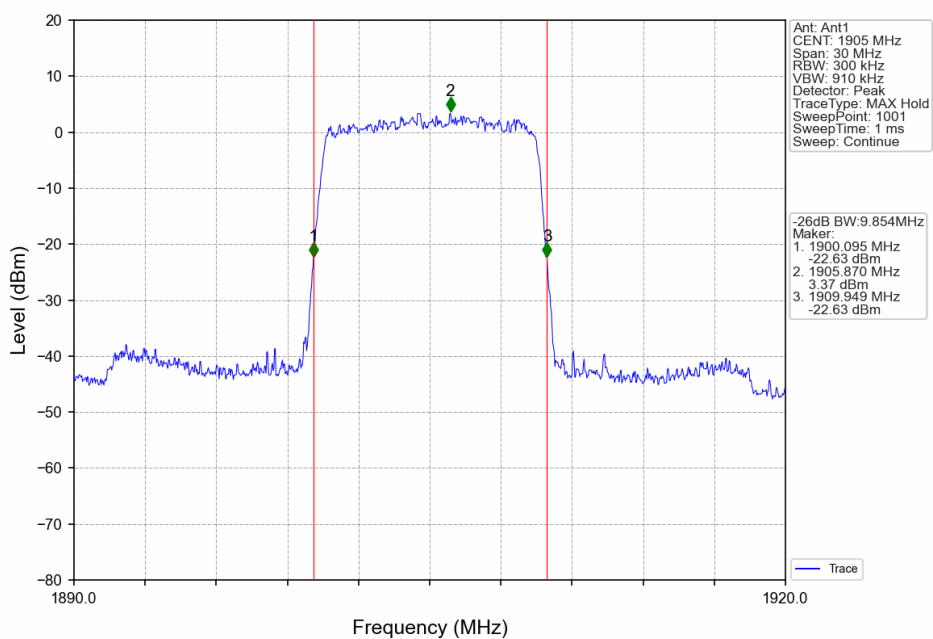
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



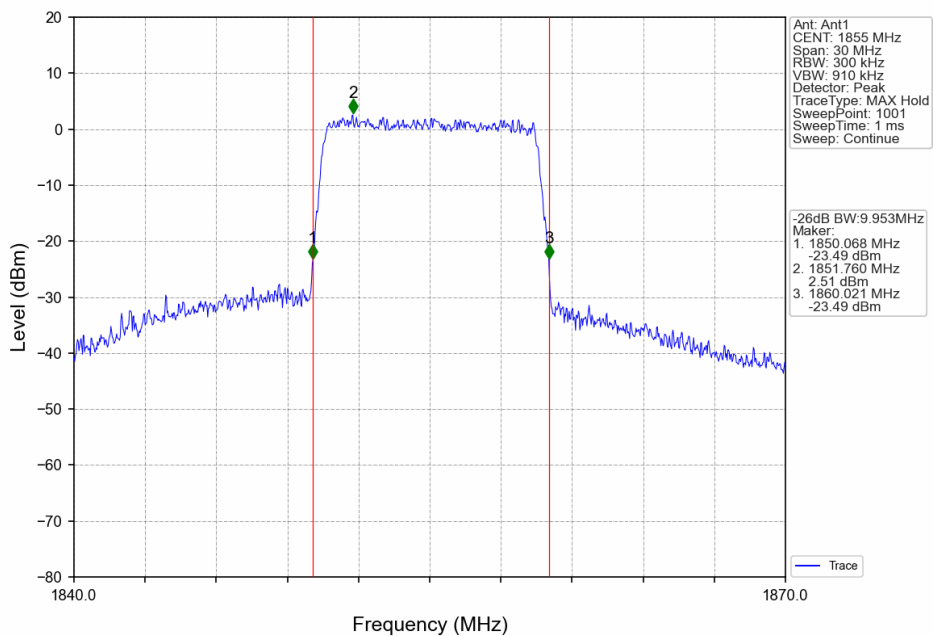
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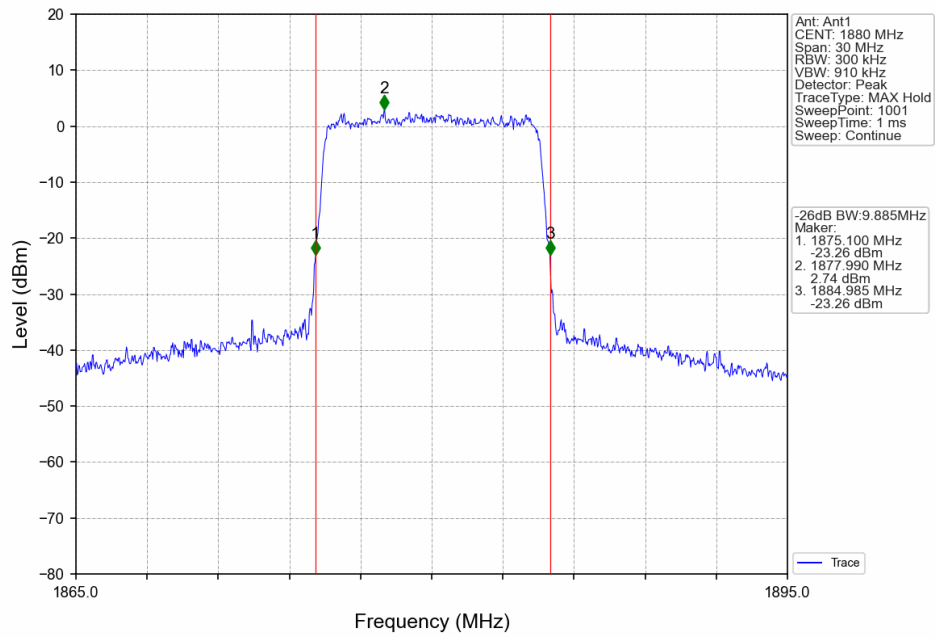
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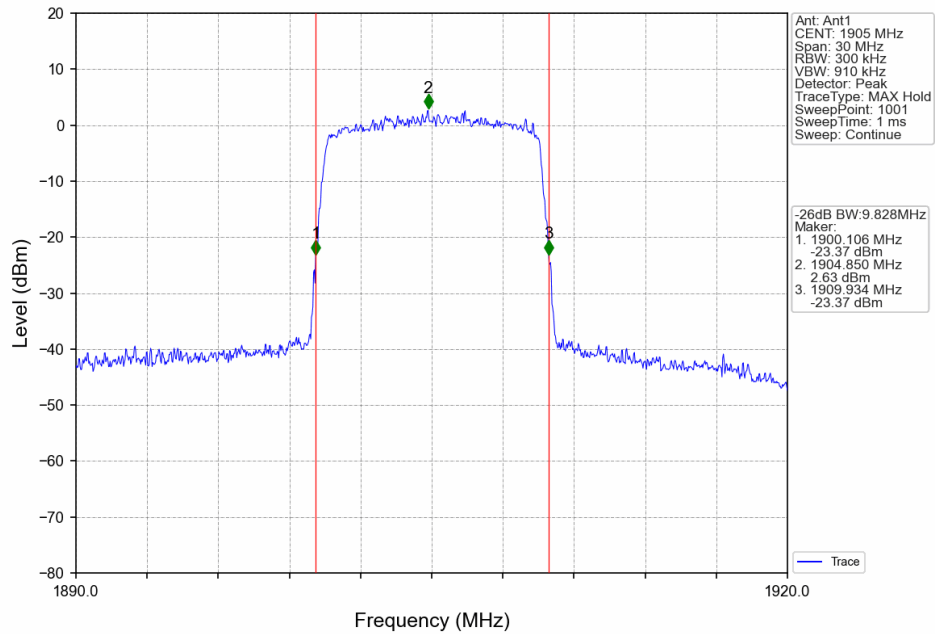
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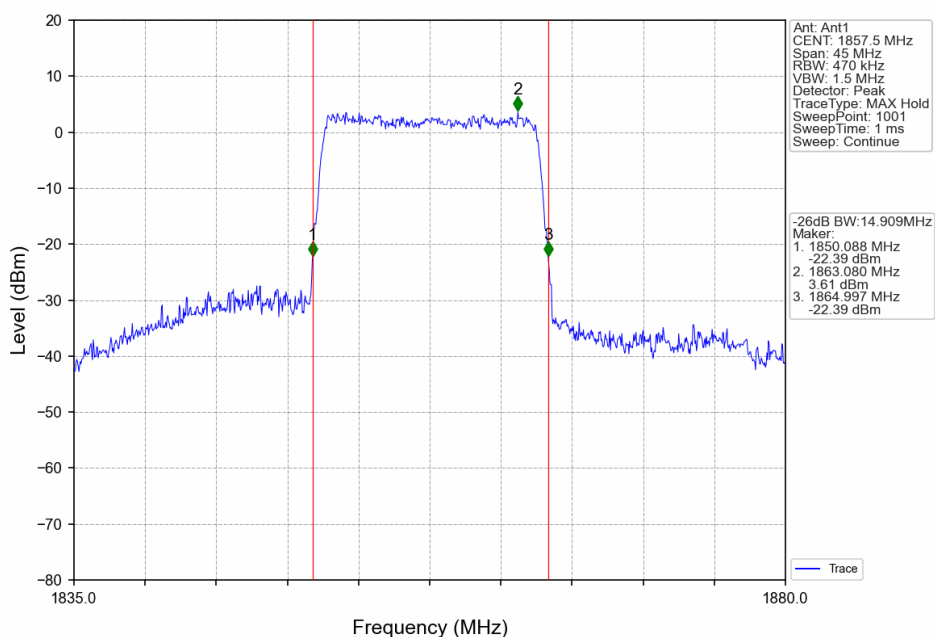
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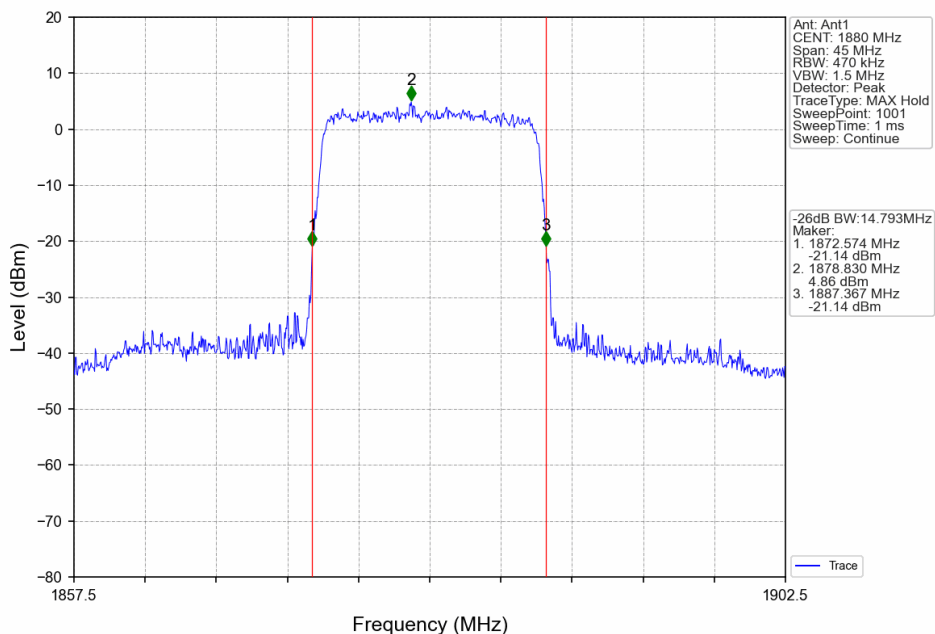
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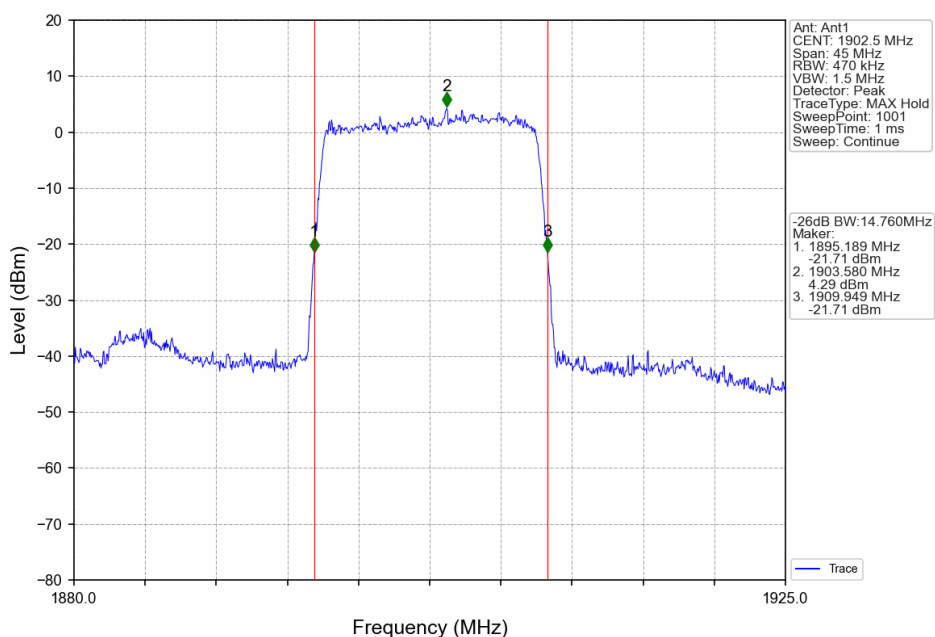
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



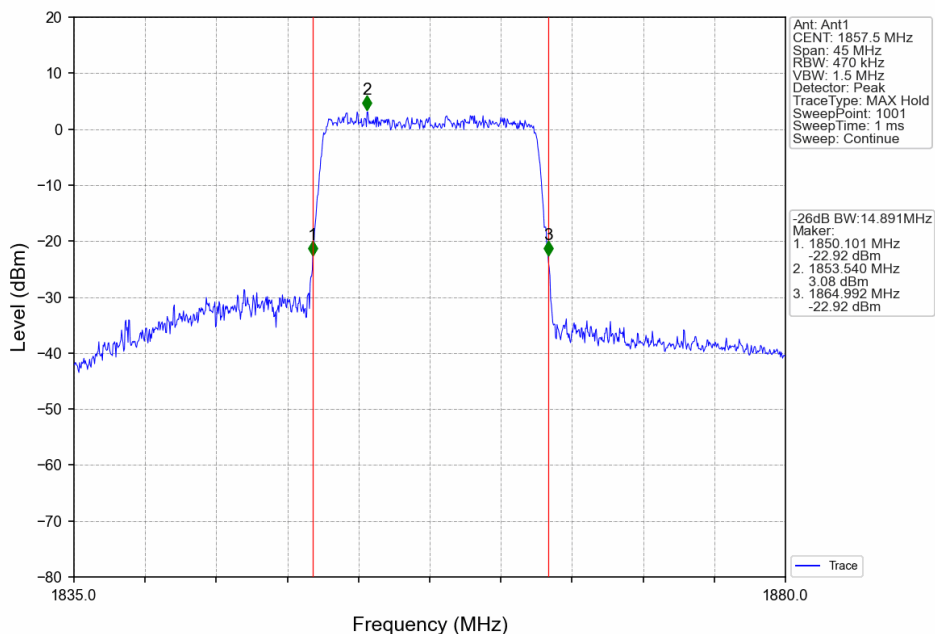
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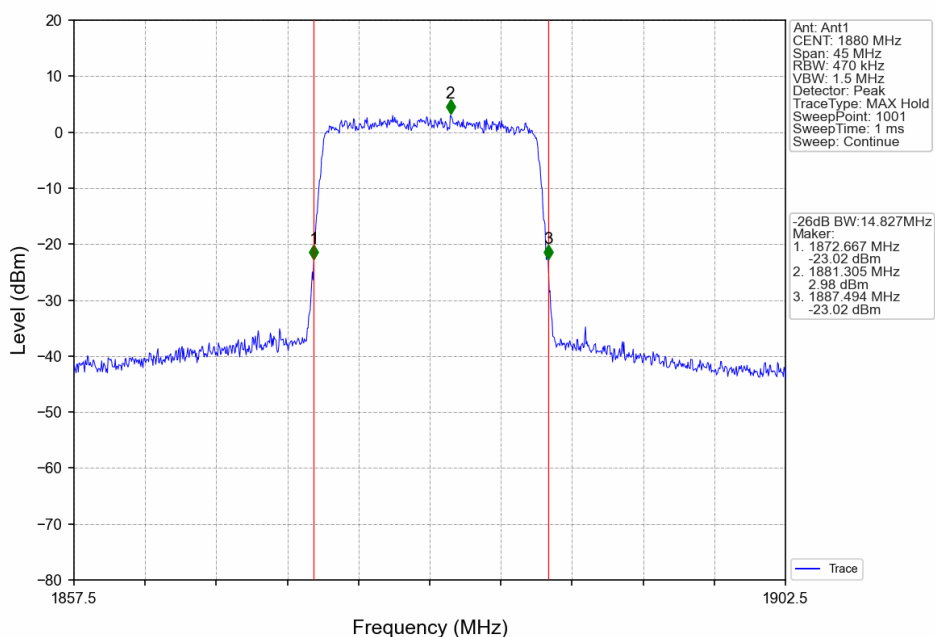
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



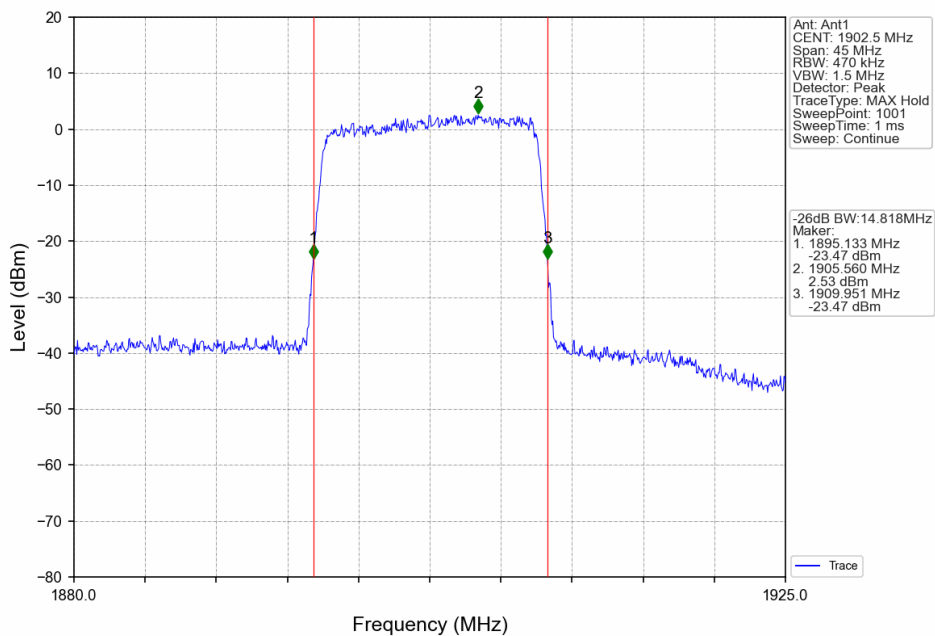
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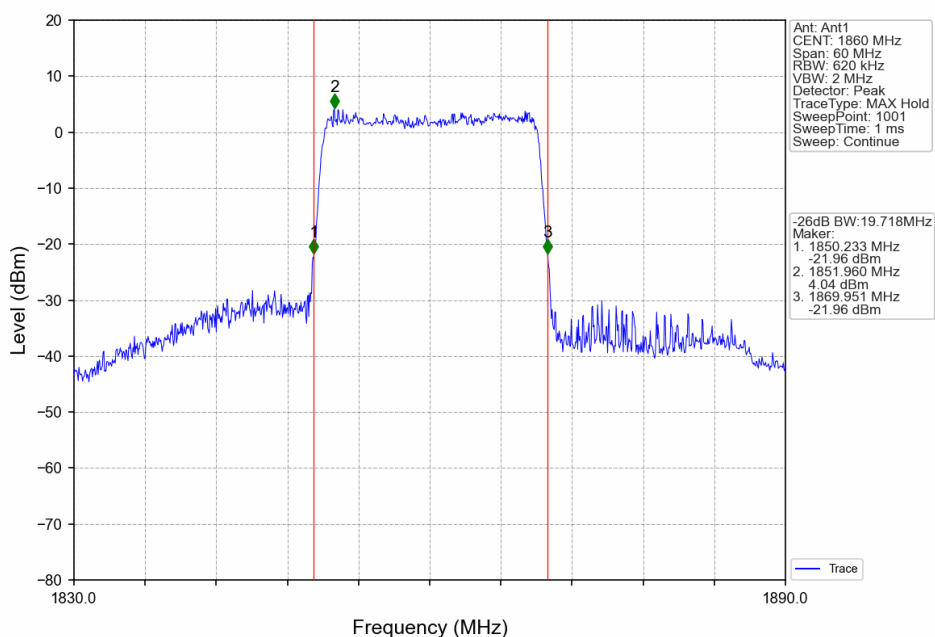
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



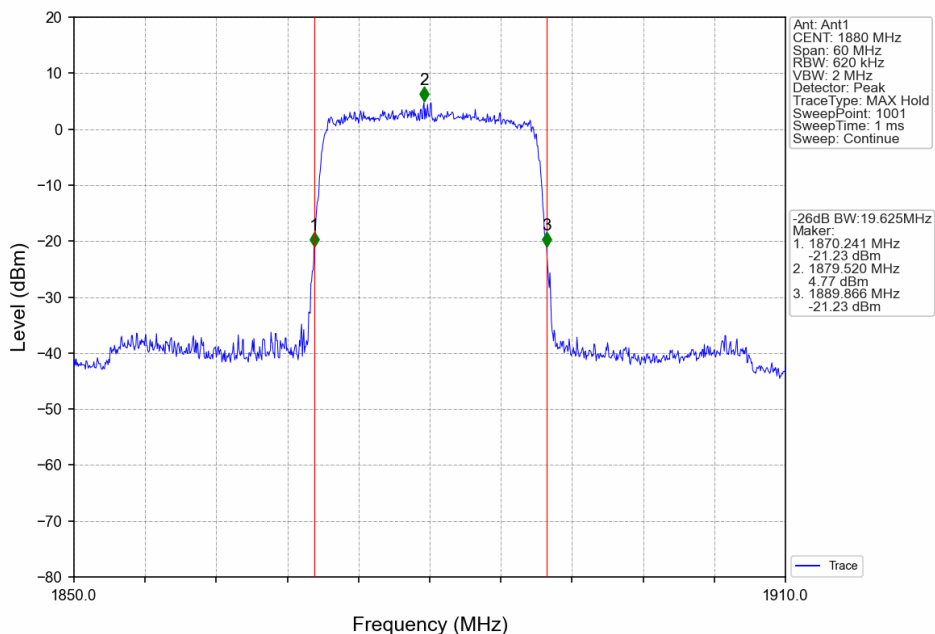
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



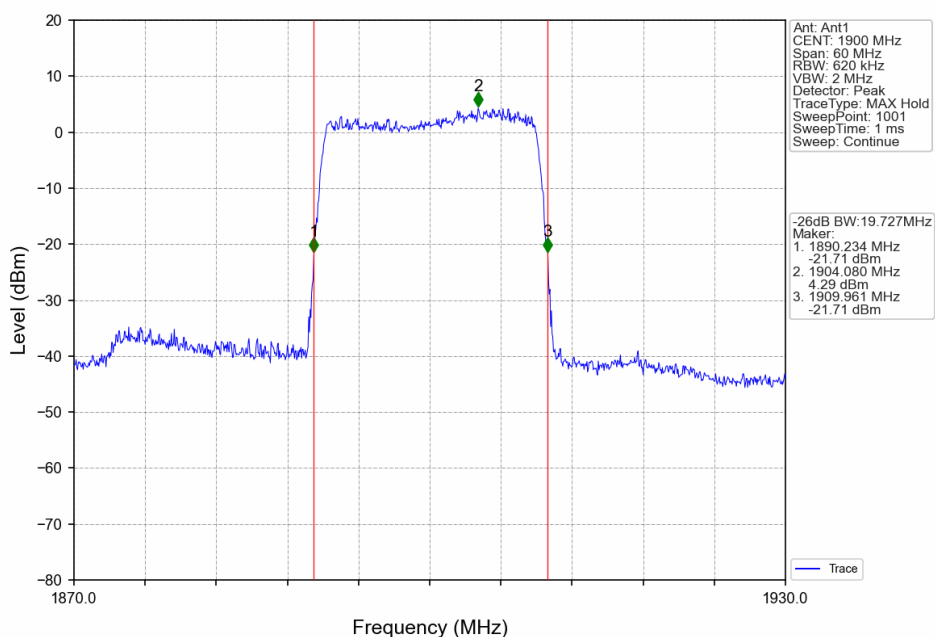
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



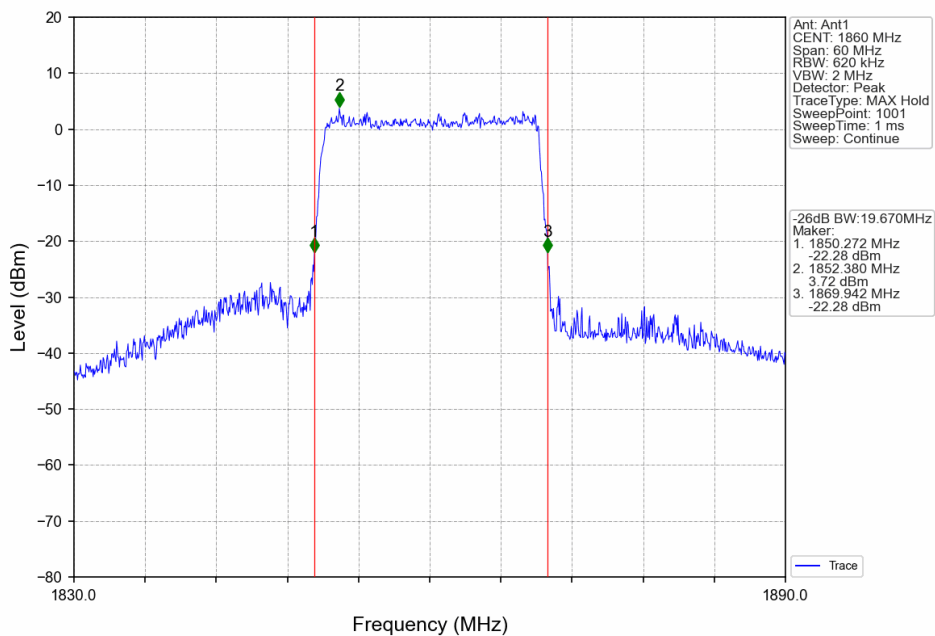
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



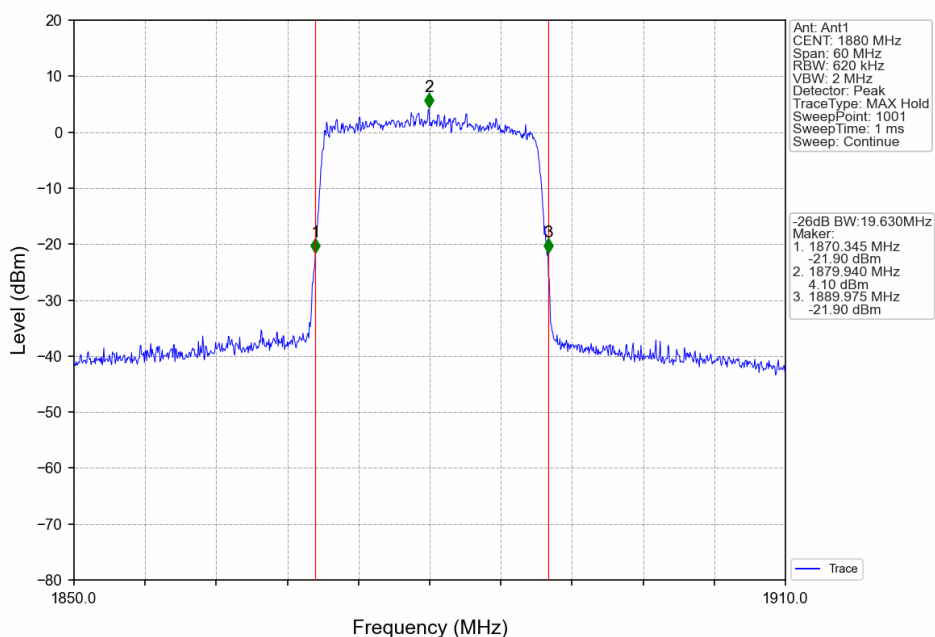
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



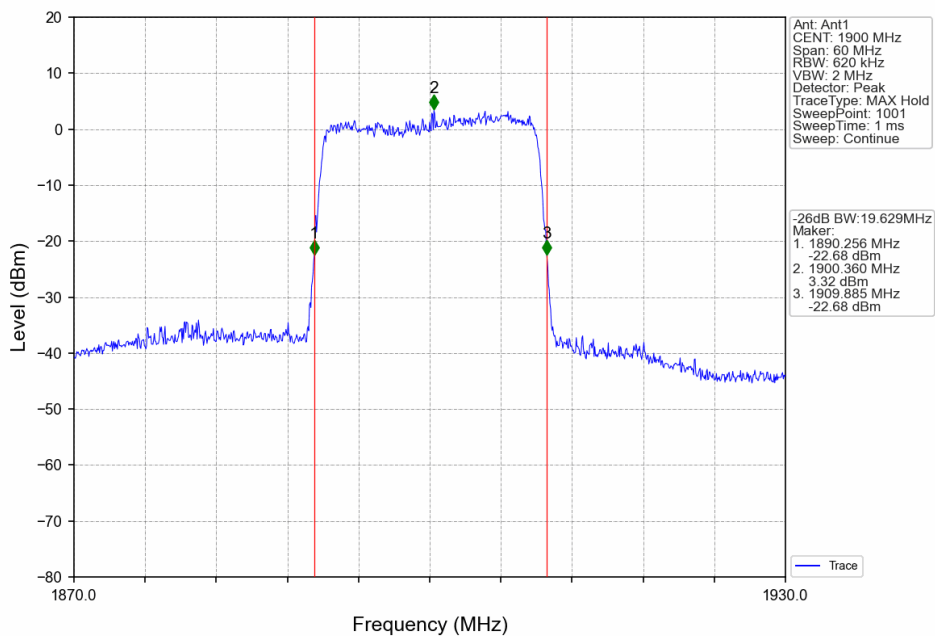
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.09	<=13	Pass
	1880	6	0	5.47	<=13	Pass
	1909.3	6	0	5.68	<=13	Pass
16QAM	1850.7	6	0	6.20	<=13	Pass
	1880	6	0	6.25	<=13	Pass
	1909.3	6	0	6.36	<=13	Pass

5.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.38	<=13	Pass
	1880	15	0	5.45	<=13	Pass
	1908.5	15	0	5.46	<=13	Pass
16QAM	1851.5	15	0	6.25	<=13	Pass
	1880	15	0	6.21	<=13	Pass
	1908.5	15	0	6.30	<=13	Pass

5.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.67	<=13	Pass
	1880	25	0	5.60	<=13	Pass
	1907.5	25	0	5.62	<=13	Pass
16QAM	1852.5	25	0	6.31	<=13	Pass
	1880	25	0	6.28	<=13	Pass
	1907.5	25	0	6.30	<=13	Pass

5.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.73	<=13	Pass
	1880	50	0	5.53	<=13	Pass
	1905	50	0	5.47	<=13	Pass

16QAM	1855	50	0	6.44	<=13	Pass
	1880	50	0	6.29	<=13	Pass
	1905	50	0	6.24	<=13	Pass

5.1.5 B2_15MHz

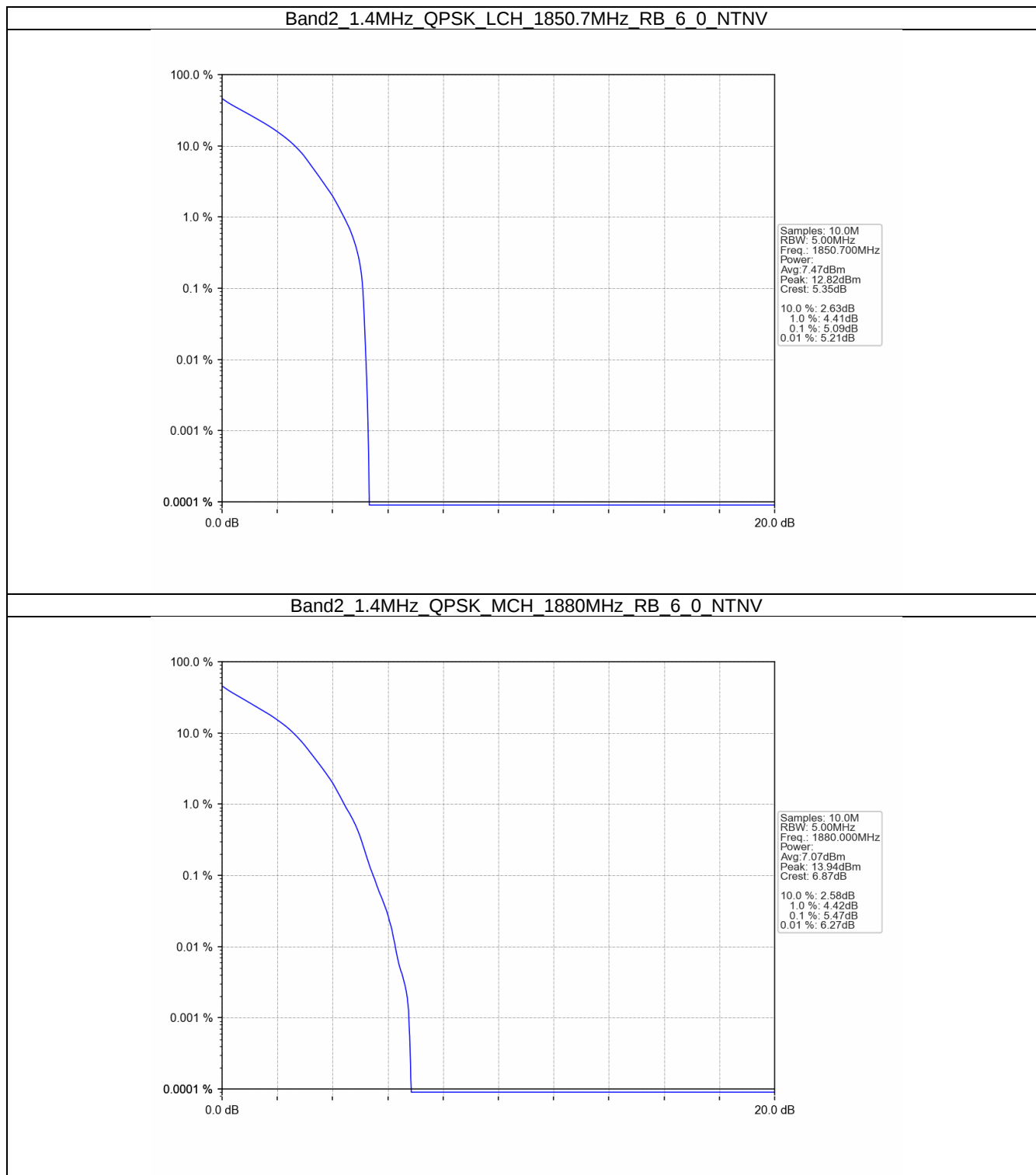
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.33	<=13	Pass
	1880	75	0	5.08	<=13	Pass
	1902.5	75	0	5.13	<=13	Pass
16QAM	1857.5	75	0	6.32	<=13	Pass
	1880	75	0	6.12	<=13	Pass
	1902.5	75	0	6.21	<=13	Pass

5.1.6 B2_20MHz

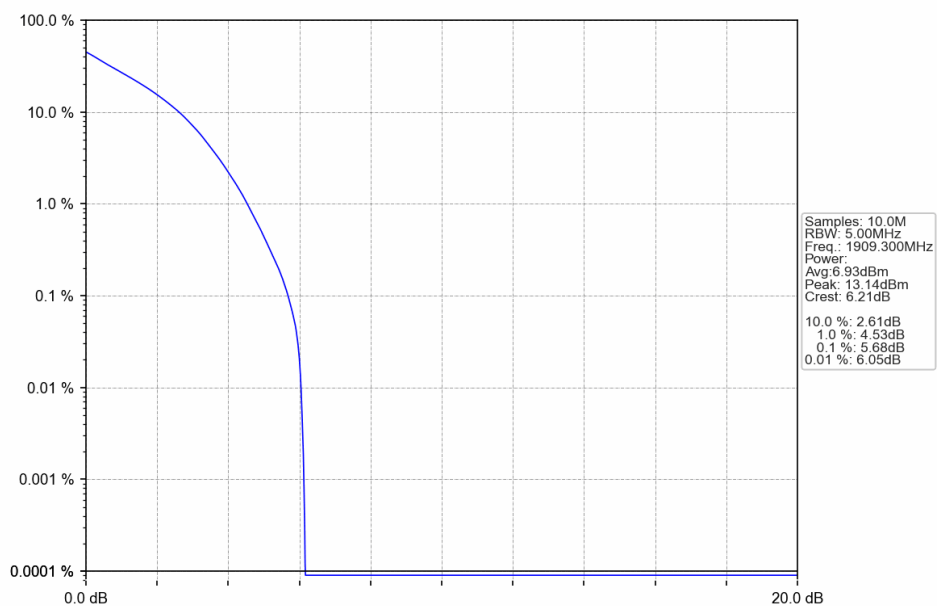
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.68	<=13	Pass
	1880	100	0	5.58	<=13	Pass
	1900	100	0	5.76	<=13	Pass
16QAM	1860	100	0	12.74	<=13	Pass
	1880	100	0	6.52	<=13	Pass
	1900	100	0	6.64	<=13	Pass

5.2 Test Graph

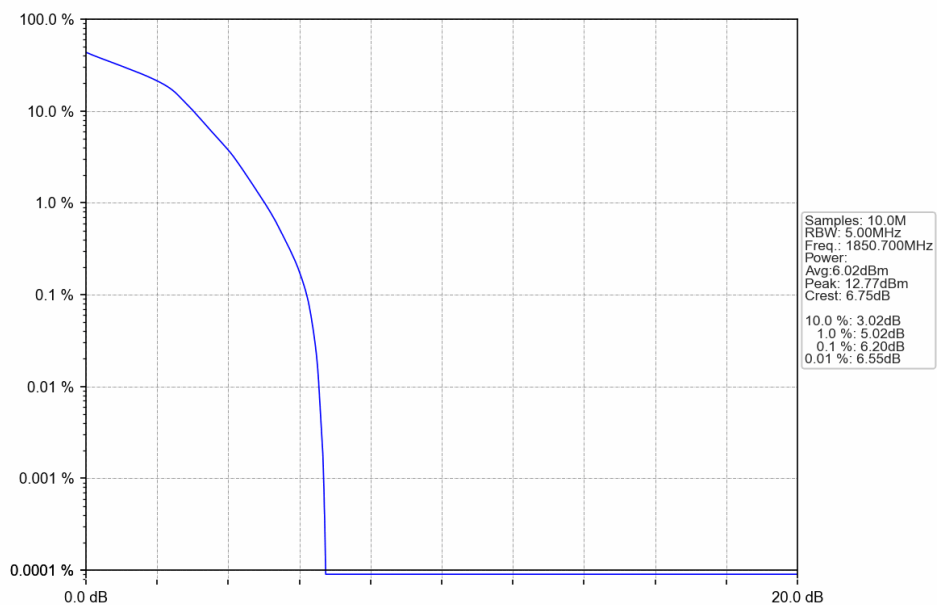
5.2.1 B2_1.4MHz



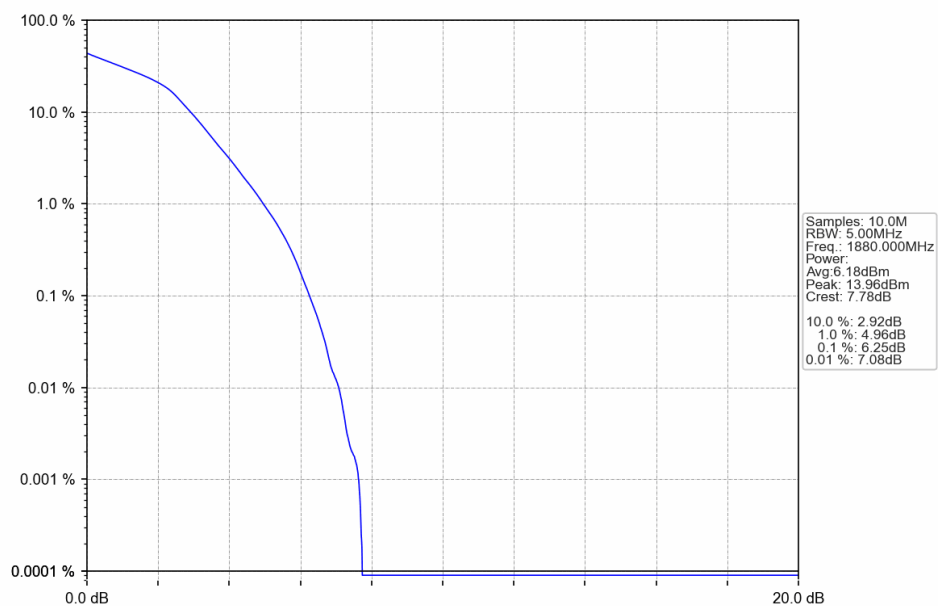
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



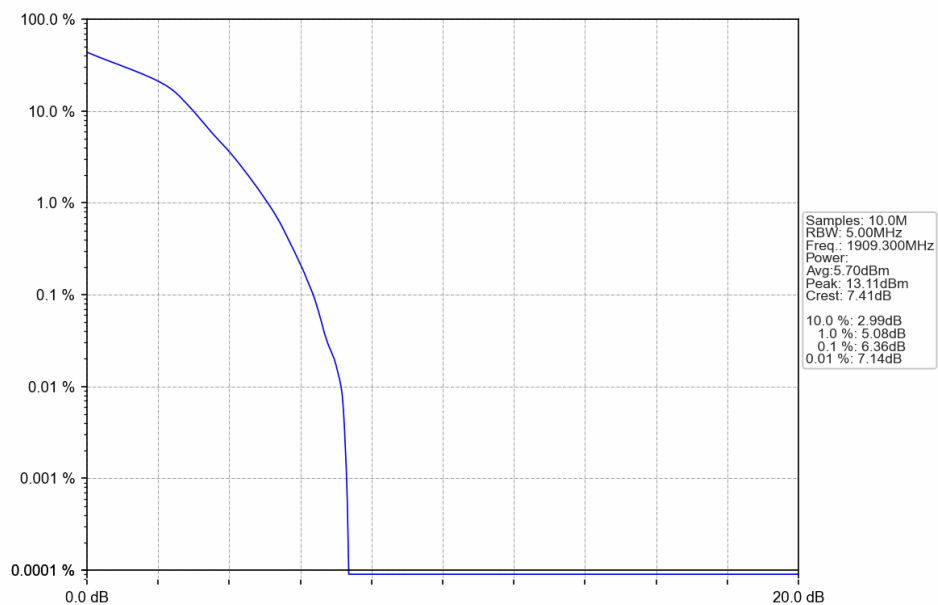
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



5.2.2 B2_3MHz

