

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	20.03	1.18	21.21	<=33.01	Pass
			2	20.15	1.18	21.33	<=33.01	Pass
			5	20.07	1.18	21.25	<=33.01	Pass
		3	0	20.11	1.18	21.29	<=33.01	Pass
			2	20.16	1.18	21.34	<=33.01	Pass
			3	20.11	1.18	21.29	<=33.01	Pass
		6	0	19.17	1.18	20.35	<=33.01	Pass
	1880	1	0	21.15	1.18	22.33	<=33.01	Pass
			2	21.32	1.18	22.50	<=33.01	Pass
			5	21.19	1.18	22.37	<=33.01	Pass
		3	0	21.13	1.18	22.31	<=33.01	Pass
			2	21.18	1.18	22.36	<=33.01	Pass
			3	21.14	1.18	22.32	<=33.01	Pass
		6	0	20.24	1.18	21.42	<=33.01	Pass
	1909.3	1	0	20.49	1.18	21.67	<=33.01	Pass
			2	20.37	1.18	21.55	<=33.01	Pass
			5	20.23	1.18	21.41	<=33.01	Pass
		3	0	20.36	1.18	21.54	<=33.01	Pass
			2	20.34	1.18	21.52	<=33.01	Pass
			3	20.24	1.18	21.42	<=33.01	Pass
		6	0	19.47	1.18	20.65	<=33.01	Pass
16QAM	1850.7	1	0	19.26	1.18	20.44	<=33.01	Pass
			2	19.43	1.18	20.61	<=33.01	Pass
			5	19.25	1.18	20.43	<=33.01	Pass
		3	0	19.35	1.18	20.53	<=33.01	Pass
			2	19.45	1.18	20.63	<=33.01	Pass
			3	19.41	1.18	20.59	<=33.01	Pass
		6	0	18.21	1.18	19.39	<=33.01	Pass
	1880	1	0	20.12	1.18	21.30	<=33.01	Pass
			2	20.26	1.18	21.44	<=33.01	Pass
			5	20.06	1.18	21.24	<=33.01	Pass
		3	0	20.16	1.18	21.34	<=33.01	Pass
			2	20.19	1.18	21.37	<=33.01	Pass
			3	20.15	1.18	21.33	<=33.01	Pass
		6	0	19.12	1.18	20.30	<=33.01	Pass
	1909.3	1	0	19.64	1.18	20.82	<=33.01	Pass
			2	19.81	1.18	20.99	<=33.01	Pass
			5	19.79	1.18	20.97	<=33.01	Pass
		3	0	19.72	1.18	20.90	<=33.01	Pass
			2	19.42	1.18	20.60	<=33.01	Pass
			3	19.16	1.18	20.34	<=33.01	Pass
		6	0	18.43	1.18	19.61	<=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	19.83	1.18	21.01	<=33.01	Pass
			7	20.02	1.18	21.20	<=33.01	Pass
			14	19.99	1.18	21.17	<=33.01	Pass
		8	0	18.93	1.18	20.11	<=33.01	Pass
			4	18.98	1.18	20.16	<=33.01	Pass
			7	18.98	1.18	20.16	<=33.01	Pass
		15	0	18.93	1.18	20.11	<=33.01	Pass
	1880	1	0	20.95	1.18	22.13	<=33.01	Pass
			7	21.06	1.18	22.24	<=33.01	Pass
			14	21.23	1.18	22.41	<=33.01	Pass
		8	0	19.99	1.18	21.17	<=33.01	Pass
			4	20.01	1.18	21.19	<=33.01	Pass
			7	19.99	1.18	21.17	<=33.01	Pass
		15	0	19.99	1.18	21.17	<=33.01	Pass
	1908.5	1	0	20.26	1.18	21.44	<=33.01	Pass
			7	20.36	1.18	21.54	<=33.01	Pass
			14	20.19	1.18	21.37	<=33.01	Pass
		8	0	19.29	1.18	20.47	<=33.01	Pass
			4	19.24	1.18	20.42	<=33.01	Pass
			7	19.17	1.18	20.35	<=33.01	Pass
		15	0	19.23	1.18	20.41	<=33.01	Pass
16QAM	1851.5	1	0	19.08	1.18	20.26	<=33.01	Pass
			7	19.04	1.18	20.22	<=33.01	Pass
			14	19.11	1.18	20.29	<=33.01	Pass
		8	0	18.02	1.18	19.20	<=33.01	Pass
			4	18.09	1.18	19.27	<=33.01	Pass
			7	18.08	1.18	19.26	<=33.01	Pass
		15	0	18.03	1.18	19.21	<=33.01	Pass
	1880	1	0	20.31	1.18	21.49	<=33.01	Pass
			7	20.40	1.18	21.58	<=33.01	Pass
			14	20.15	1.18	21.33	<=33.01	Pass
		8	0	18.84	1.18	20.02	<=33.01	Pass
			4	18.95	1.18	20.13	<=33.01	Pass
			7	19.02	1.18	20.20	<=33.01	Pass
	15	0	19.02	1.18	20.20	<=33.01	Pass	
	1908.5	1	0	19.44	1.18	20.62	<=33.01	Pass
			7	19.42	1.18	20.60	<=33.01	Pass
			14	19.95	1.18	21.13	<=33.01	Pass
		8	0	18.50	1.18	19.68	<=33.01	Pass
4			18.85	1.18	20.03	<=33.01	Pass	
7			18.33	1.18	19.51	<=33.01	Pass	
15		0	18.18	1.18	19.36	<=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	19.78	1.18	20.96	<=33.01	Pass		
			13	19.84	1.18	21.02	<=33.01	Pass		
			24	20.27	1.18	21.45	<=33.01	Pass		
		12	0	19.10	1.18	20.28	<=33.01	Pass		
			6	19.24	1.18	20.42	<=33.01	Pass		
			13	19.31	1.18	20.49	<=33.01	Pass		
		25	0	19.26	1.18	20.44	<=33.01	Pass		
		1880	1	0	20.80	1.18	21.98	<=33.01	Pass	
				13	20.86	1.18	22.04	<=33.01	Pass	
	24			21.16	1.18	22.34	<=33.01	Pass		
	12		0	20.01	1.18	21.19	<=33.01	Pass		
			6	20.09	1.18	21.27	<=33.01	Pass		
			13	20.13	1.18	21.31	<=33.01	Pass		
	25		0	20.01	1.18	21.19	<=33.01	Pass		
	1907.5		1	0	20.42	1.18	21.60	<=33.01	Pass	
				13	20.54	1.18	21.72	<=33.01	Pass	
		24		20.41	1.18	21.59	<=33.01	Pass		
		12	0	19.20	1.18	20.38	<=33.01	Pass		
			6	19.24	1.18	20.42	<=33.01	Pass		
			13	19.31	1.18	20.49	<=33.01	Pass		
		25	0	19.20	1.18	20.38	<=33.01	Pass		
16QAM		1852.5	1	0	18.88	1.18	20.06	<=33.01	Pass	
				13	19.50	1.18	20.68	<=33.01	Pass	
	24			19.75	1.18	20.93	<=33.01	Pass		
	12		0	17.99	1.18	19.17	<=33.01	Pass		
			6	18.02	1.18	19.20	<=33.01	Pass		
			13	18.18	1.18	19.36	<=33.01	Pass		
	25		0	18.21	1.18	19.39	<=33.01	Pass		
	1880		1	0	19.17	1.18	20.35	<=33.01	Pass	
				13	19.96	1.18	21.14	<=33.01	Pass	
		24		20.10	1.18	21.28	<=33.01	Pass		
		12	0	18.66	1.18	19.84	<=33.01	Pass		
			6	19.06	1.18	20.24	<=33.01	Pass		
			13	19.08	1.18	20.26	<=33.01	Pass		
		25	0	18.94	1.18	20.12	<=33.01	Pass		
		1907.5	1	0	19.43	1.18	20.61	<=33.01	Pass	
				13	19.18	1.18	20.36	<=33.01	Pass	
	24			19.23	1.18	20.41	<=33.01	Pass		
	12		0	17.94	1.18	19.12	<=33.01	Pass		
			6	18.27	1.18	19.45	<=33.01	Pass		
			13	18.26	1.18	19.44	<=33.01	Pass		
	25		0	18.28	1.18	19.46	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	19.68	1.18	20.86	<=33.01	Pass
			25	20.08	1.18	21.26	<=33.01	Pass
			49	20.12	1.18	21.30	<=33.01	Pass
		25	0	18.89	1.18	20.07	<=33.01	Pass
			13	19.05	1.18	20.23	<=33.01	Pass
			25	18.98	1.18	20.16	<=33.01	Pass
		50	0	18.99	1.18	20.17	<=33.01	Pass
	1880	1	0	20.52	1.18	21.70	<=33.01	Pass
			25	20.76	1.18	21.94	<=33.01	Pass

		25	49	20.78	1.18	21.96	<=33.01	Pass
			0	19.61	1.18	20.79	<=33.01	Pass
			13	19.83	1.18	21.01	<=33.01	Pass
			25	19.96	1.18	21.14	<=33.01	Pass
		50	0	19.73	1.18	20.91	<=33.01	Pass
	1905	1	0	20.39	1.18	21.57	<=33.01	Pass
			25	20.38	1.18	21.56	<=33.01	Pass
			49	20.07	1.18	21.25	<=33.01	Pass
		25	0	19.22	1.18	20.40	<=33.01	Pass
			13	19.30	1.18	20.48	<=33.01	Pass
			25	19.31	1.18	20.49	<=33.01	Pass
		50	0	19.24	1.18	20.42	<=33.01	Pass
16QAM	1855	1	0	18.72	1.18	19.90	<=33.01	Pass
			25	18.96	1.18	20.14	<=33.01	Pass
			49	18.65	1.18	19.83	<=33.01	Pass
		25	0	17.76	1.18	18.94	<=33.01	Pass
			13	17.90	1.18	19.08	<=33.01	Pass
			25	18.04	1.18	19.22	<=33.01	Pass
		50	0	17.99	1.18	19.17	<=33.01	Pass
	1880	1	0	19.88	1.18	21.06	<=33.01	Pass
			25	20.72	1.18	21.90	<=33.01	Pass
			49	20.24	1.18	21.42	<=33.01	Pass
		25	0	18.80	1.18	19.98	<=33.01	Pass
			13	18.91	1.18	20.09	<=33.01	Pass
			25	19.03	1.18	20.21	<=33.01	Pass
		50	0	18.80	1.18	19.98	<=33.01	Pass
	1905	1	0	19.70	1.18	20.88	<=33.01	Pass
			25	19.84	1.18	21.02	<=33.01	Pass
			49	19.57	1.18	20.75	<=33.01	Pass
		25	0	18.19	1.18	19.37	<=33.01	Pass
			13	18.42	1.18	19.60	<=33.01	Pass
			25	18.45	1.18	19.63	<=33.01	Pass
		50	0	18.33	1.18	19.51	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	19.72	1.18	20.90	<=33.01	Pass
			38	19.96	1.18	21.14	<=33.01	Pass
			74	20.05	1.18	21.23	<=33.01	Pass
		36	0	18.99	1.18	20.17	<=33.01	Pass
			18	19.18	1.18	20.36	<=33.01	Pass
			39	19.11	1.18	20.29	<=33.01	Pass
		75	0	19.00	1.18	20.18	<=33.01	Pass
	1880	1	0	20.42	1.18	21.60	<=33.01	Pass
			38	20.81	1.18	21.99	<=33.01	Pass
			74	20.82	1.18	22.00	<=33.01	Pass
		36	0	19.66	1.18	20.84	<=33.01	Pass
			18	19.82	1.18	21.00	<=33.01	Pass
			39	19.90	1.18	21.08	<=33.01	Pass
		75	0	19.67	1.18	20.85	<=33.01	Pass
	1902.5	1	0	20.43	1.18	21.61	<=33.01	Pass
			38	20.27	1.18	21.45	<=33.01	Pass
			74	20.07	1.18	21.25	<=33.01	Pass
		36	0	19.29	1.18	20.47	<=33.01	Pass

16QAM	1857.5	75	18	19.33	1.18	20.51	<=33.01	Pass
			39	19.20	1.18	20.38	<=33.01	Pass
			0	19.24	1.18	20.42	<=33.01	Pass
		1	0	18.69	1.18	19.87	<=33.01	Pass
			38	19.02	1.18	20.20	<=33.01	Pass
			74	18.93	1.18	20.11	<=33.01	Pass
		36	0	17.84	1.18	19.02	<=33.01	Pass
			18	18.02	1.18	19.20	<=33.01	Pass
			39	18.06	1.18	19.24	<=33.01	Pass
		75	0	18.05	1.18	19.23	<=33.01	Pass
	1880	1	0	19.98	1.18	21.16	<=33.01	Pass
			38	20.22	1.18	21.40	<=33.01	Pass
			74	19.96	1.18	21.14	<=33.01	Pass
		36	0	18.63	1.18	19.81	<=33.01	Pass
			18	18.87	1.18	20.05	<=33.01	Pass
			39	18.87	1.18	20.05	<=33.01	Pass
		75	0	18.76	1.18	19.94	<=33.01	Pass
	1902.5	1	0	19.83	1.18	21.01	<=33.01	Pass
			38	19.60	1.18	20.78	<=33.01	Pass
			74	19.49	1.18	20.67	<=33.01	Pass
		36	0	18.20	1.18	19.38	<=33.01	Pass
			18	18.26	1.18	19.44	<=33.01	Pass
			39	18.29	1.18	19.47	<=33.01	Pass
		75	0	18.24	1.18	19.42	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	19.56	1.18	20.74	<=33.01	Pass
			50	20.27	1.18	21.45	<=33.01	Pass
			99	20.39	1.18	21.57	<=33.01	Pass
		50	0	19.06	1.18	20.24	<=33.01	Pass
			25	19.22	1.18	20.40	<=33.01	Pass
			50	19.25	1.18	20.43	<=33.01	Pass
		100	0	19.12	1.18	20.30	<=33.01	Pass
	1880	1	0	20.62	1.18	21.80	<=33.01	Pass
			50	21.18	1.18	22.36	<=33.01	Pass
			99	20.80	1.18	21.98	<=33.01	Pass
		50	0	19.64	1.18	20.82	<=33.01	Pass
			25	19.85	1.18	21.03	<=33.01	Pass
			50	19.88	1.18	21.06	<=33.01	Pass
		100	0	19.67	1.18	20.85	<=33.01	Pass
	1900	1	0	20.39	1.18	21.57	<=33.01	Pass
			50	20.51	1.18	21.69	<=33.01	Pass
			99	19.90	1.18	21.08	<=33.01	Pass
		50	0	19.34	1.18	20.52	<=33.01	Pass
			25	19.37	1.18	20.55	<=33.01	Pass
			50	19.19	1.18	20.37	<=33.01	Pass
		100	0	19.25	1.18	20.43	<=33.01	Pass
16QAM	1860	1	0	19.45	1.18	20.63	<=33.01	Pass
			50	20.14	1.18	21.32	<=33.01	Pass
			99	20.14	1.18	21.32	<=33.01	Pass
		50	0	18.09	1.18	19.27	<=33.01	Pass
			25	18.26	1.18	19.44	<=33.01	Pass
			50	18.31	1.18	19.49	<=33.01	Pass

		100	0	18.28	1.18	19.46	<=33.01	Pass
	1880	1	0	19.59	1.18	20.77	<=33.01	Pass
			50	19.90	1.18	21.08	<=33.01	Pass
			99	19.53	1.18	20.71	<=33.01	Pass
			0	18.61	1.18	19.79	<=33.01	Pass
		50	25	18.82	1.18	20.00	<=33.01	Pass
			50	18.78	1.18	19.96	<=33.01	Pass
			100	0	18.75	1.18	19.93	<=33.01
	1900	1	0	19.90	1.18	21.08	<=33.01	Pass
			50	19.92	1.18	21.10	<=33.01	Pass
			99	19.50	1.18	20.68	<=33.01	Pass
		50	0	18.39	1.18	19.57	<=33.01	Pass
			25	18.44	1.18	19.62	<=33.01	Pass
			50	18.28	1.18	19.46	<=33.01	Pass
		100	0	18.44	1.18	19.62	<=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	-1.416	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.574	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-2.933	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0001	-2.5 to 2.5	Pass

				50	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-0.944	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0008	-2.5 to 2.5	Pass
					-30	3.85	-2.131	-0.0012	-2.5 to 2.5
				-20	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				1880	6	0	20	3.27	-4.234
	3.85	-4.048	-0.0022					-2.5 to 2.5	Pass
	4.43	-3.161	-0.0017					-2.5 to 2.5	Pass
	-30	3.85	-3.147					-0.0017	-2.5 to 2.5
	-20	3.85	-4.520				-0.0024	-2.5 to 2.5	Pass
	-10	3.85	-3.934				-0.0021	-2.5 to 2.5	Pass
	0	3.85	-3.991				-0.0021	-2.5 to 2.5	Pass
	10	3.85	-4.506				-0.0024	-2.5 to 2.5	Pass
	30	3.85	-3.276				-0.0017	-2.5 to 2.5	Pass
	40	3.85	-4.349				-0.0023	-2.5 to 2.5	Pass
	50	3.85	-5.150				-0.0027	-2.5 to 2.5	Pass
	1909.3	6	0				20	3.27	-1.130
				3.85	0.987	0.0005		-2.5 to 2.5	Pass
				4.43	-0.100	-0.0001		-2.5 to 2.5	Pass
				-30	3.85	-1.016		-0.0005	-2.5 to 2.5
				-20	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.874	0.0010	-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	-1.302	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-4.406	-0.0023	-2.5 to 2.5	Pass
					3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass

				10	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.858	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.431	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0012	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-3.362	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.804	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-3.762	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.918	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	1.287	0.0007	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	1.631	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-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	-2.346	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass

				-20	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-3.805	-0.0020	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-1.144	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
					4.43	0.386	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	1852.5	25	0	20	3.27	-3.777	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-4.206	-0.0022	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	0.372	0.0002	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0005	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass

				50	3.85	1.101	0.0006	-2.5 to 2.5	Pass
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2.4 B2_10MHz

2.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-2.475	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.416	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-2.632	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.505	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
					3.85	1.445	0.0008	-2.5 to 2.5	Pass
					4.43	0.458	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.802	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.788	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-2.818	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.862	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass

				10	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	1.316	0.0007	-2.5 to 2.5	Pass
					3.85	2.103	0.0011	-2.5 to 2.5	Pass
					4.43	1.588	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.616	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.745	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.515	0.0003	-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	-3.004	-0.0016	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.977	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.220	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-4.020	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0025	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-3.390	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.533	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-3.576	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.705	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.905	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.975	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.392	-0.0024	-2.5 to 2.5	Pass

				-20	3.85	-4.206	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-3.591	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.207	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.706	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-3.147	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.804	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.732	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.505	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0014	-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	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	0.987	0.0005	-2.5 to 2.5	Pass
					4.43	0.772	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0005	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-3.819	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.346	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.775	-0.0015	-2.5 to 2.5	Pass

					3.85	-2.561	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.003	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	0.386	0.0002	-2.5 to 2.5	Pass
					4.43	0.801	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0002	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-3.605	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.704	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.661	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.661	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-3.319	-0.0017	-2.5 to 2.5	Pass

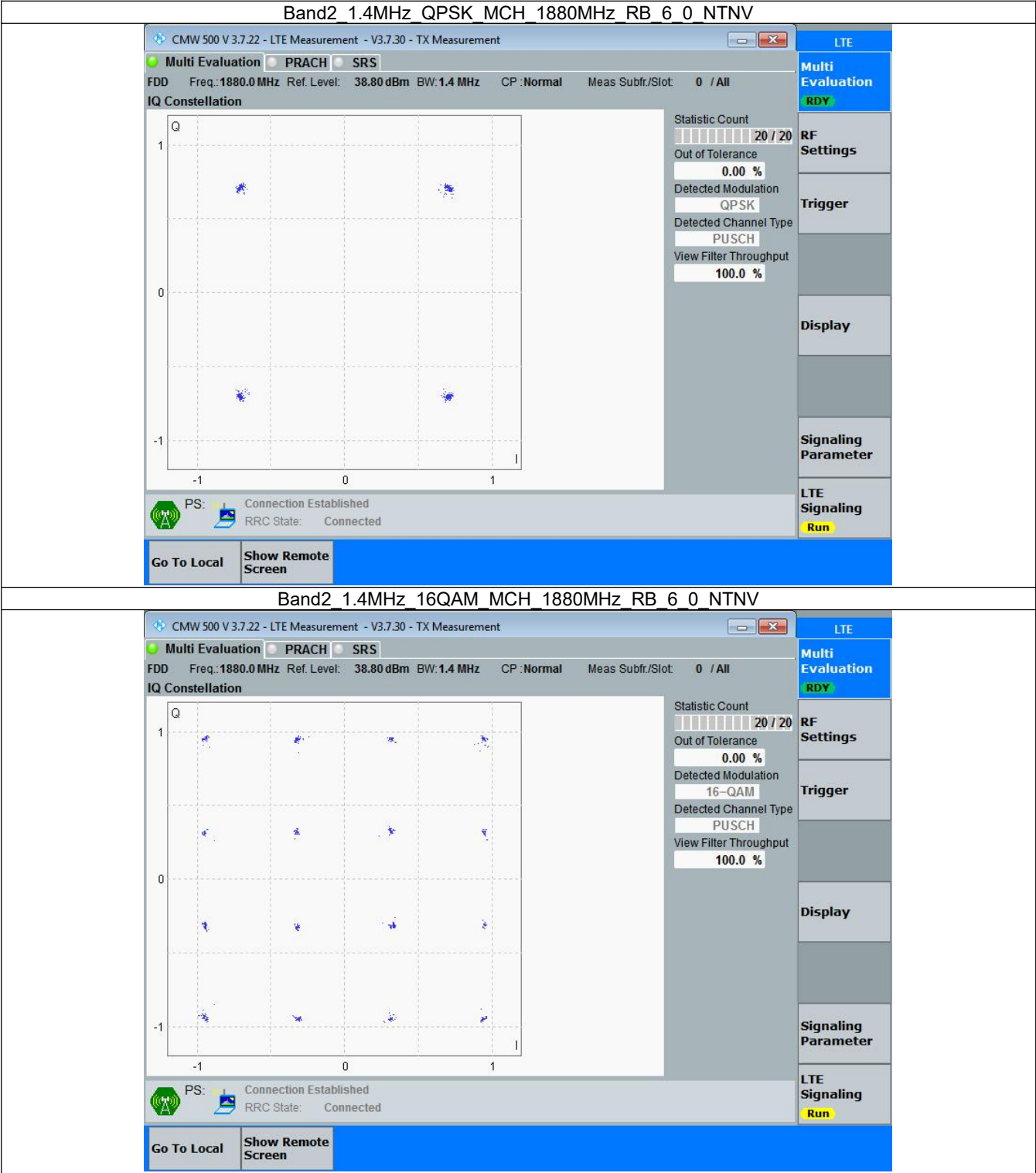
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

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

3.1.2 Test Graph

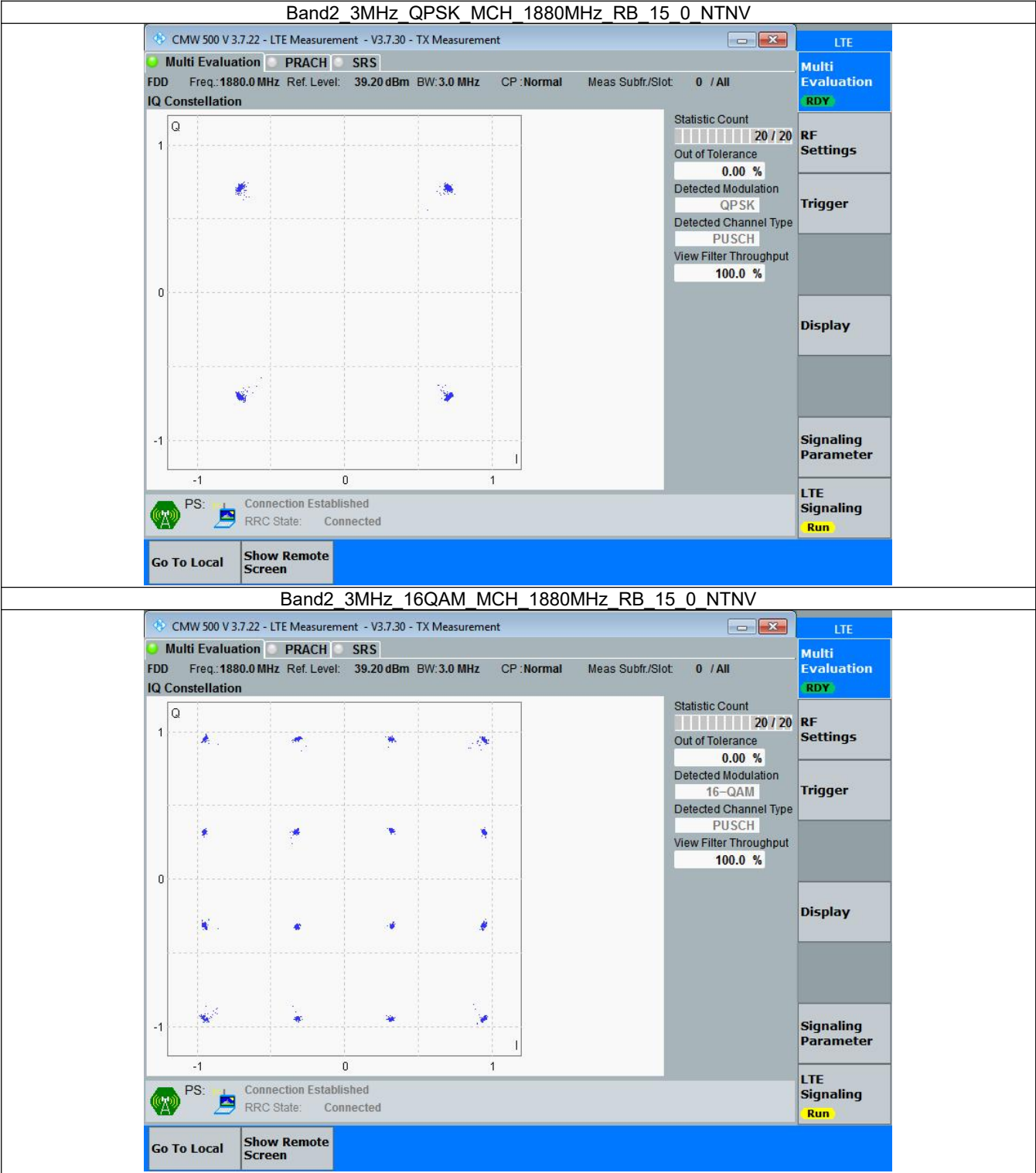


3.2 B2_3MHz

3.2.1 Test Result

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

3.2.2 Test Graph

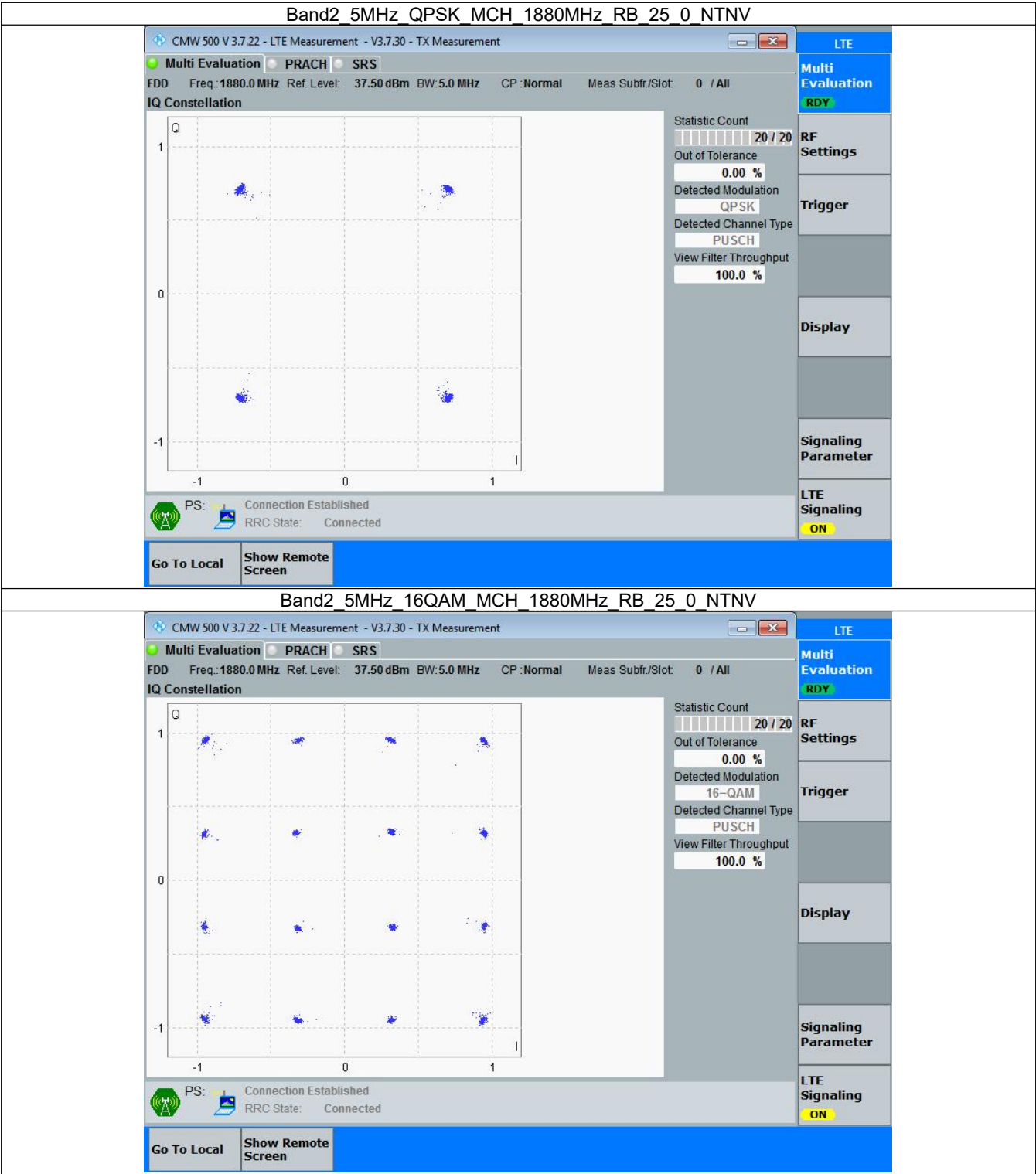


3.3 B2_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

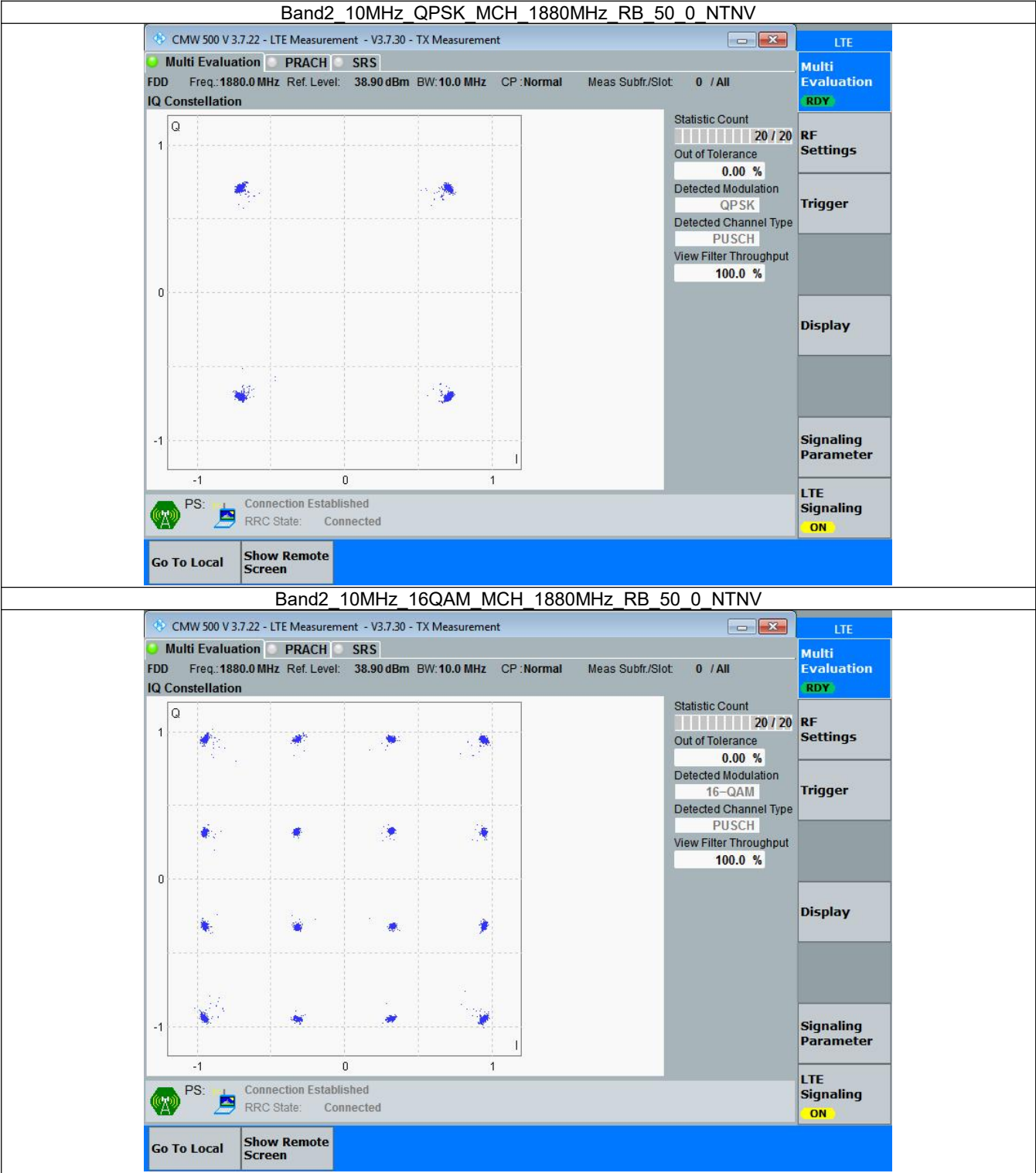


3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / 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

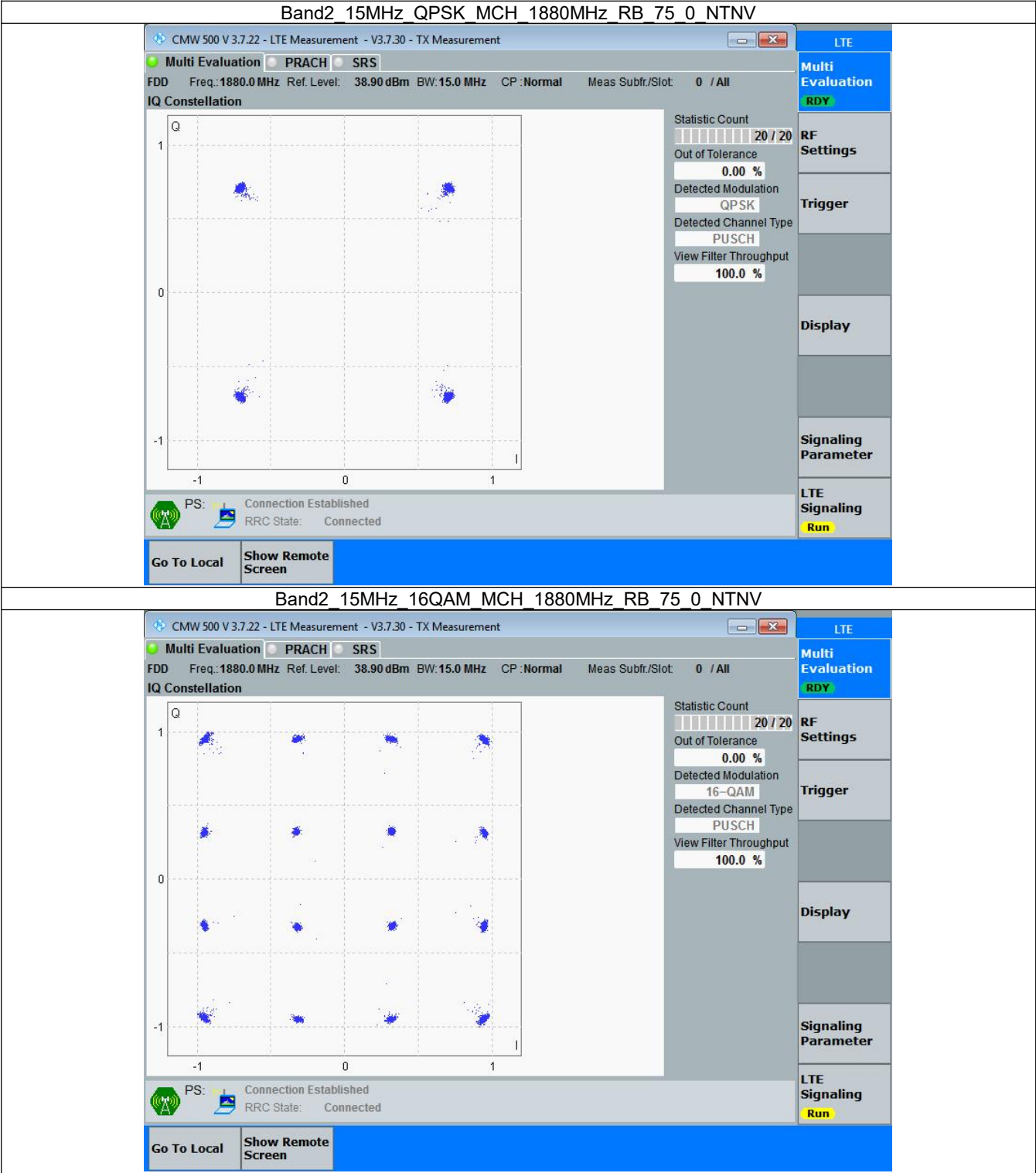


3.5 B2_15MHz

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

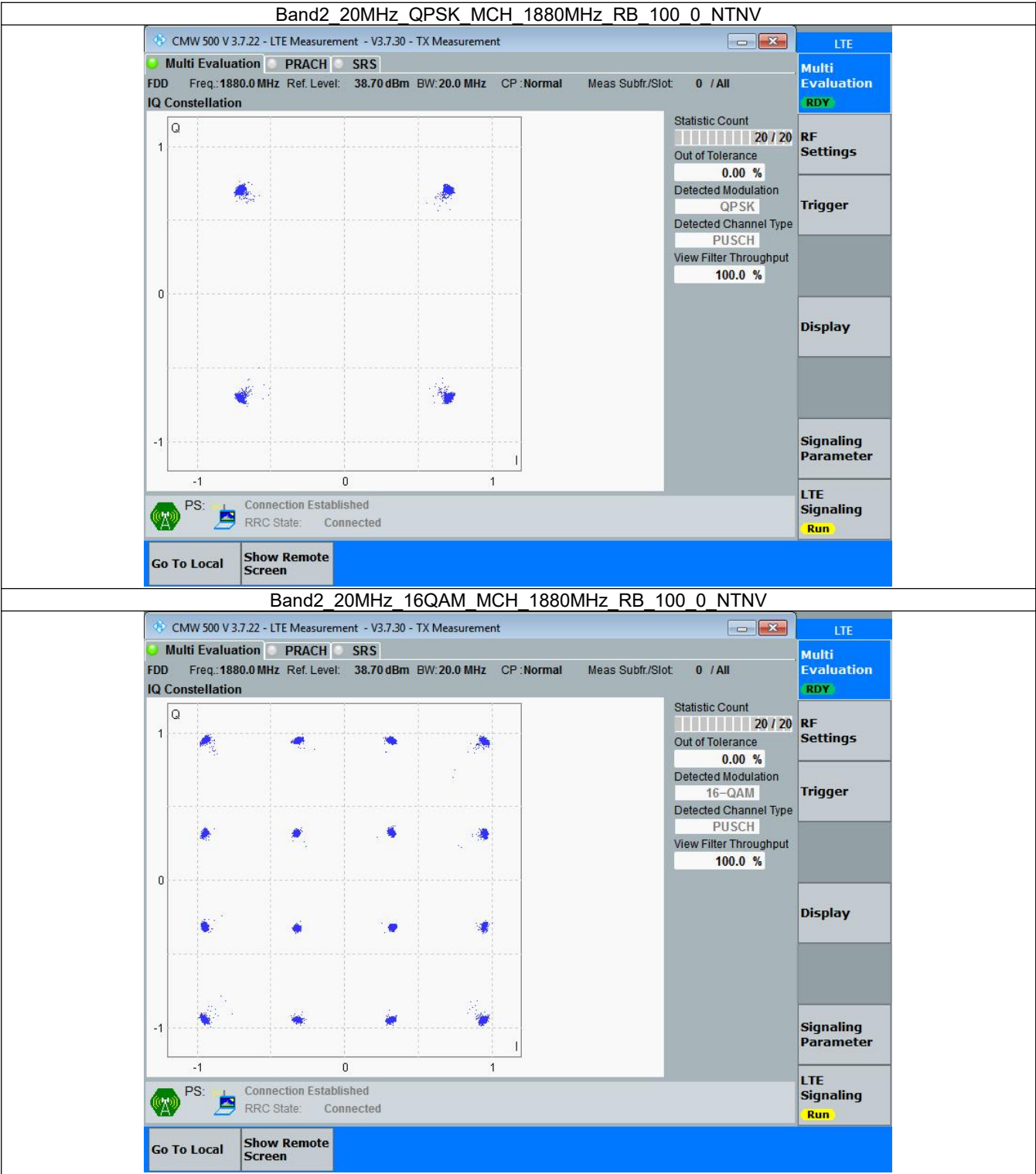


3.6 B2_20MHz

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



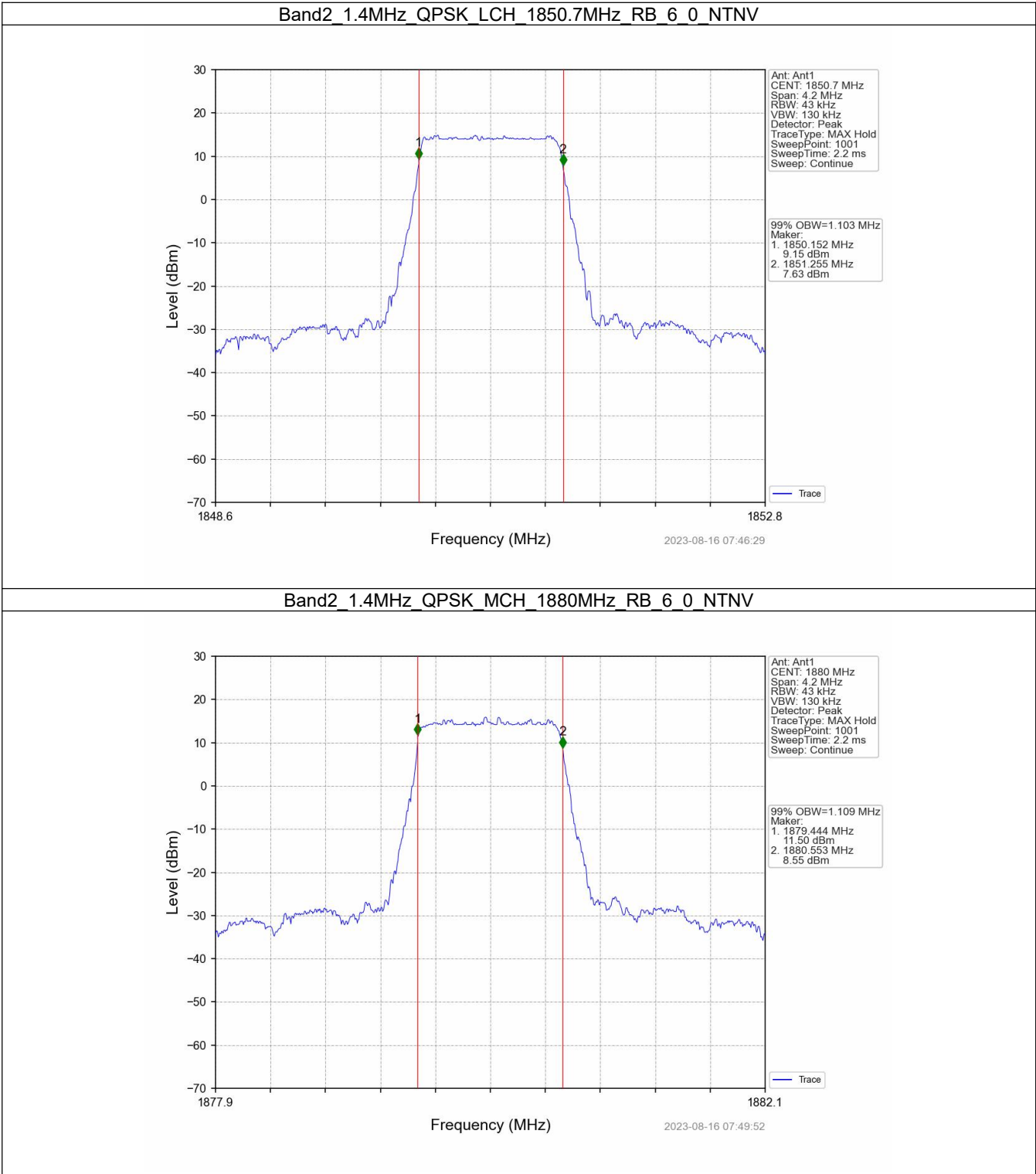
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

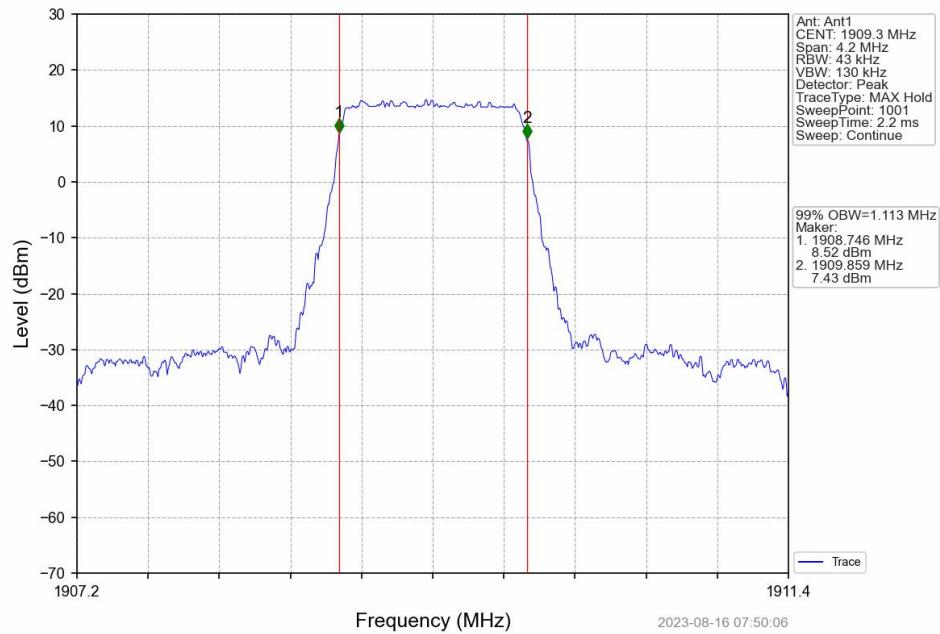
4.1.1 Test Result

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	1.103	Pass
		1880	6	0	1.109	Pass
		1909.3	6	0	1.113	Pass
	16QAM	1850.7	6	0	1.115	Pass
		1880	6	0	1.113	Pass
		1909.3	6	0	1.101	Pass
3	QPSK	1851.5	15	0	2.740	Pass
		1880	15	0	2.742	Pass
		1908.5	15	0	2.740	Pass
	16QAM	1851.5	15	0	2.740	Pass
		1880	15	0	2.738	Pass
		1908.5	15	0	2.759	Pass
5	QPSK	1852.5	25	0	4.554	Pass
		1880	25	0	4.558	Pass
		1907.5	25	0	4.549	Pass
	16QAM	1852.5	25	0	4.562	Pass
		1880	25	0	4.543	Pass
		1907.5	25	0	4.562	Pass
10	QPSK	1855	50	0	9.053	Pass
		1880	50	0	9.030	Pass
		1905	50	0	9.036	Pass
	16QAM	1855	50	0	9.014	Pass
		1880	50	0	9.035	Pass
		1905	50	0	9.042	Pass
15	QPSK	1857.5	75	0	13.512	Pass
		1880	75	0	13.550	Pass
		1902.5	75	0	13.536	Pass
	16QAM	1857.5	75	0	13.561	Pass
		1880	75	0	13.524	Pass
		1902.5	75	0	13.538	Pass
20	QPSK	1860	100	0	18.032	Pass
		1880	100	0	18.069	Pass
		1900	100	0	17.991	Pass
	16QAM	1860	100	0	18.019	Pass
		1880	100	0	18.013	Pass
		1900	100	0	18.026	Pass

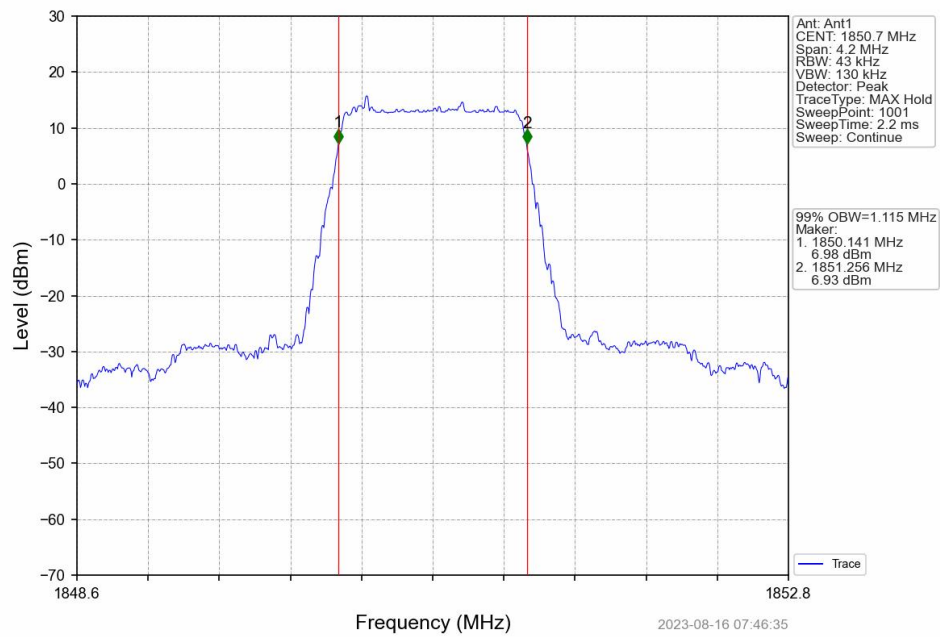
4.1.2 Test Graph



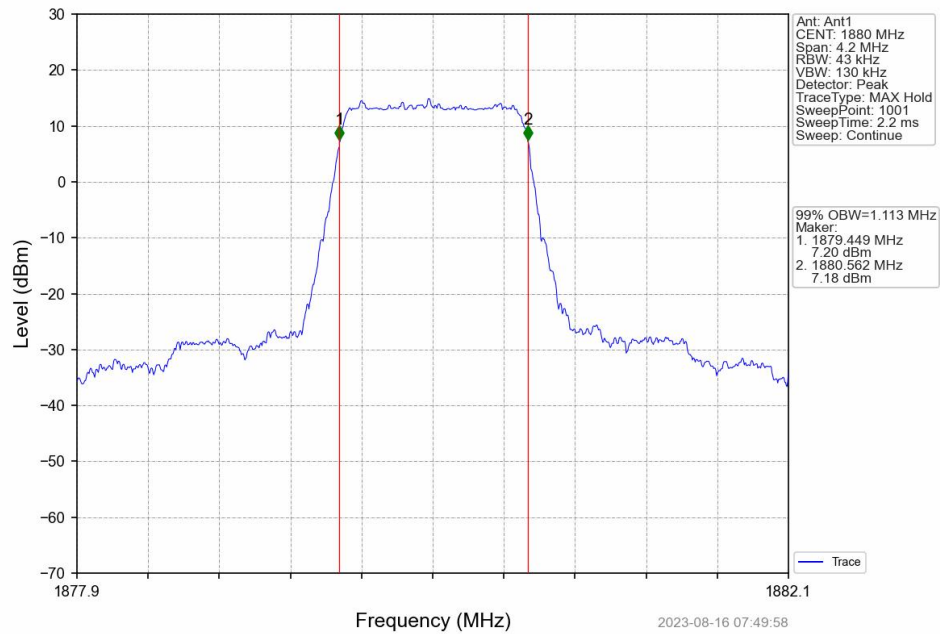
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



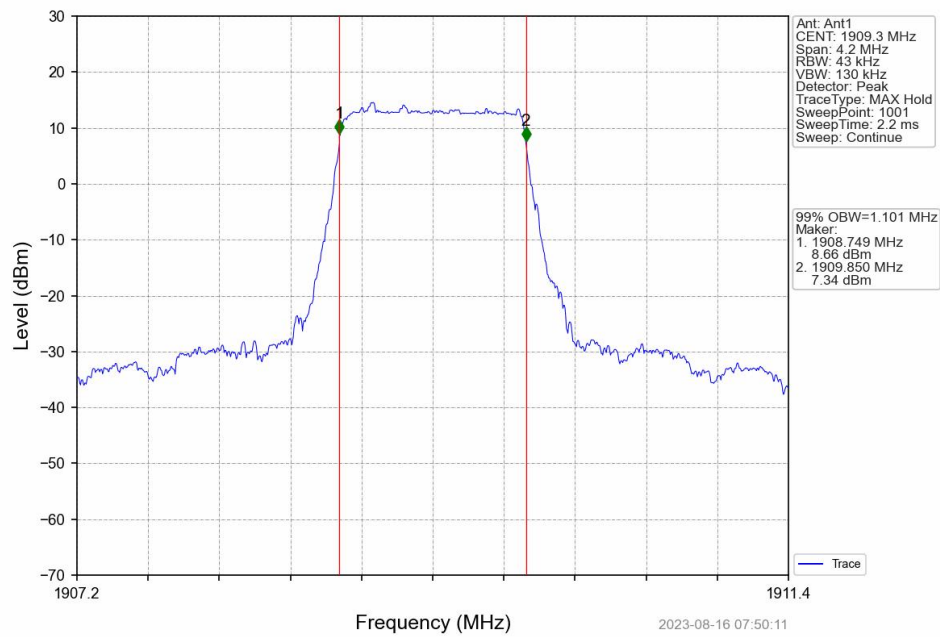
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



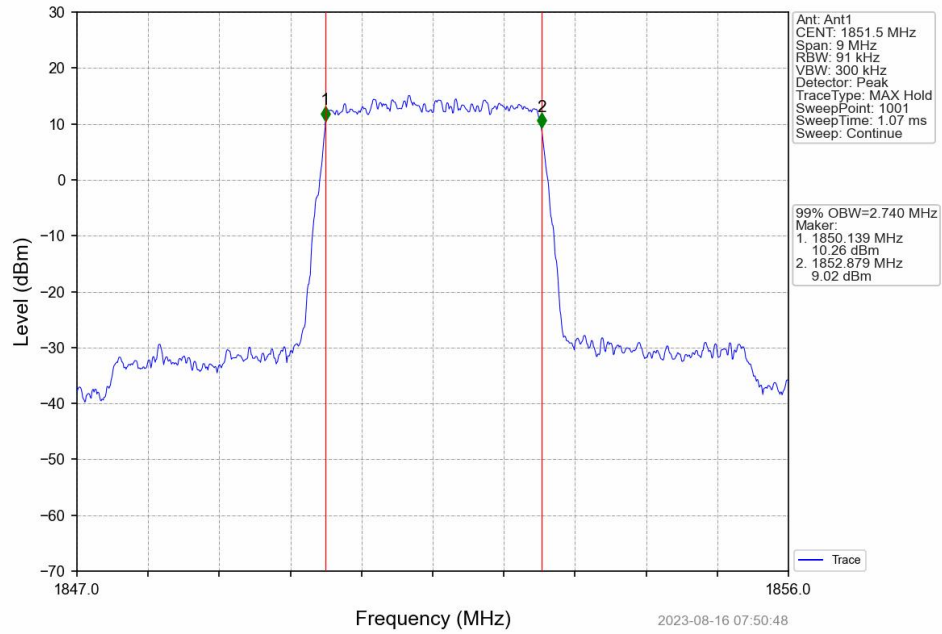
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



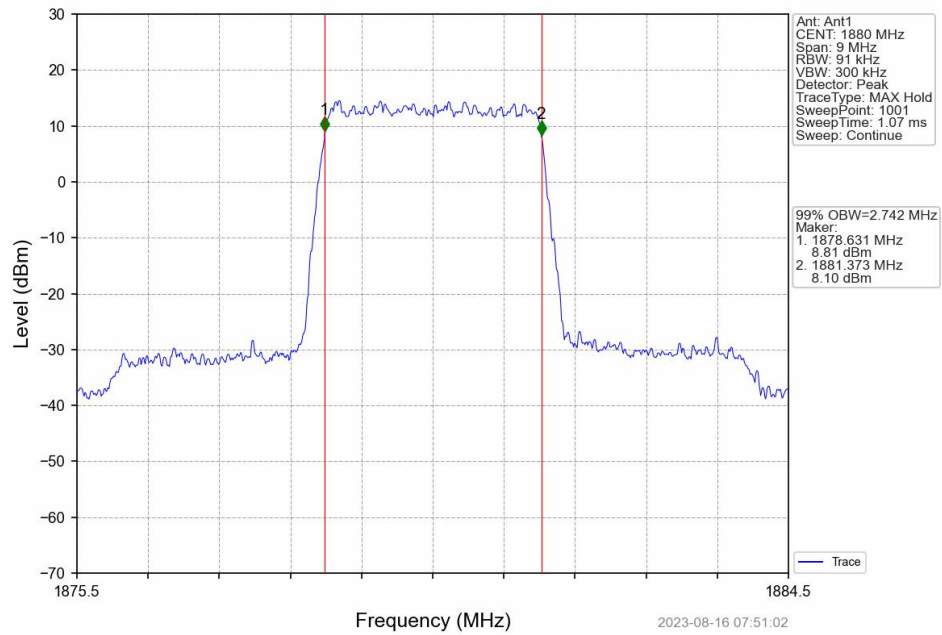
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



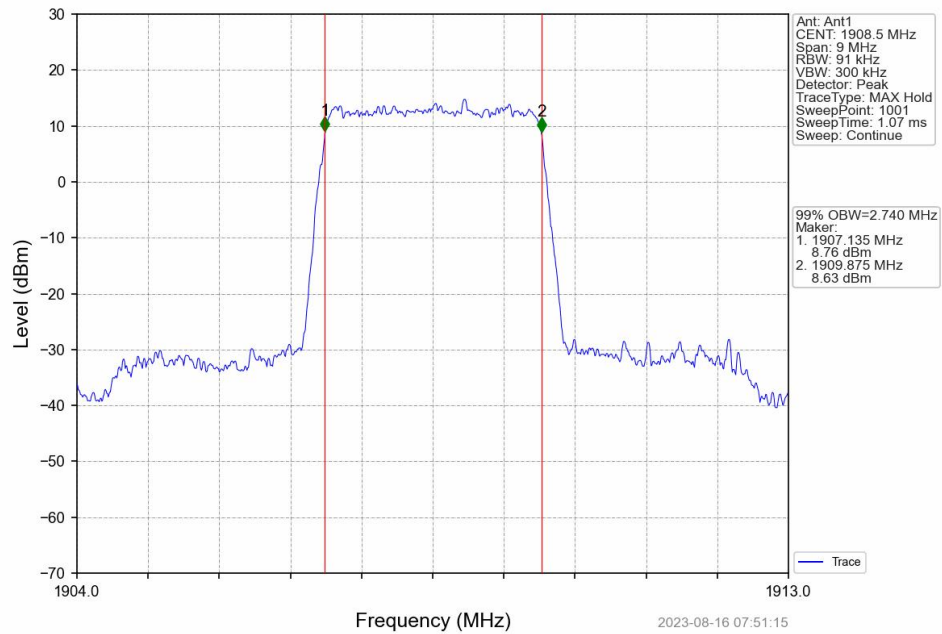
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



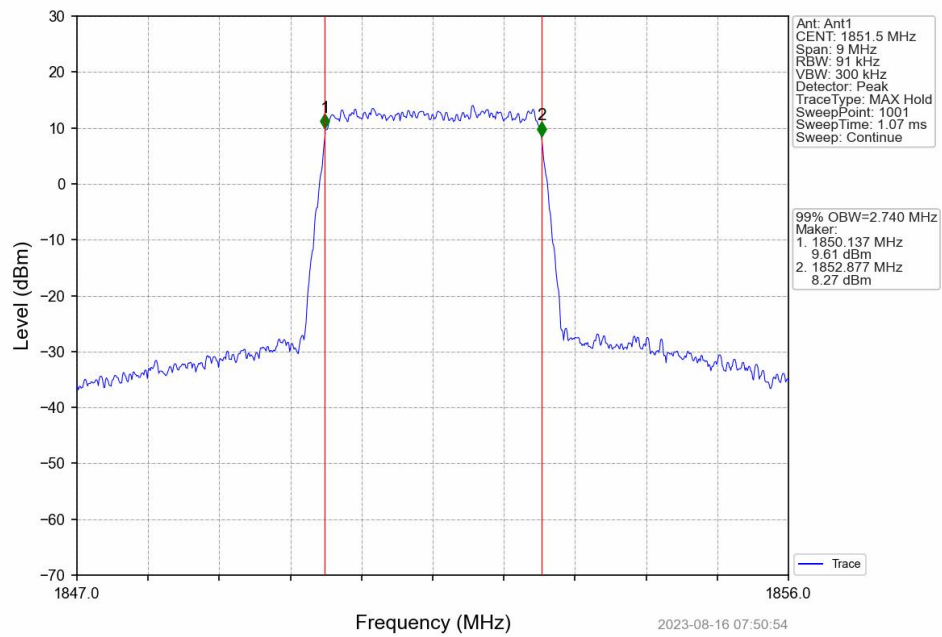
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



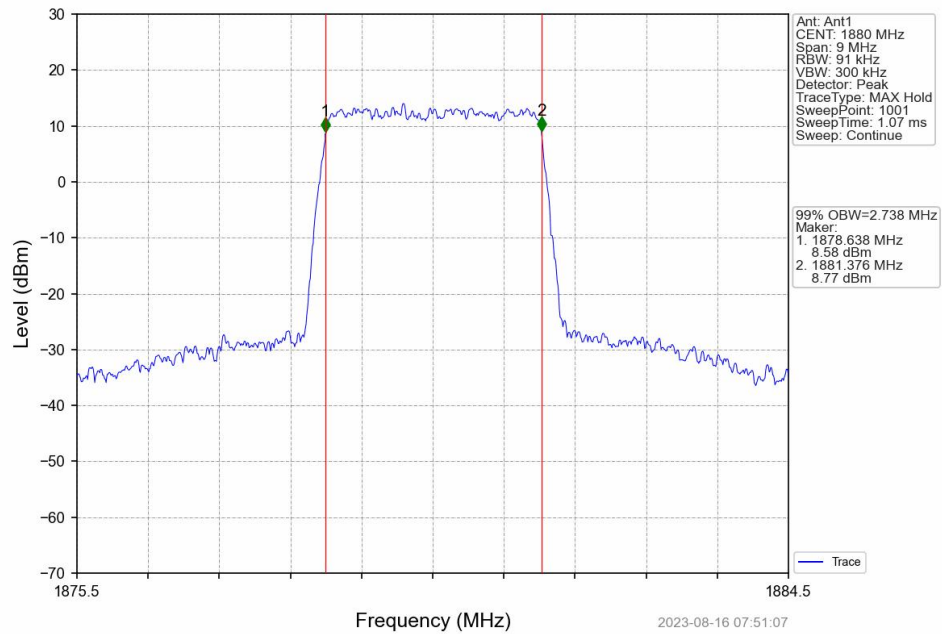
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



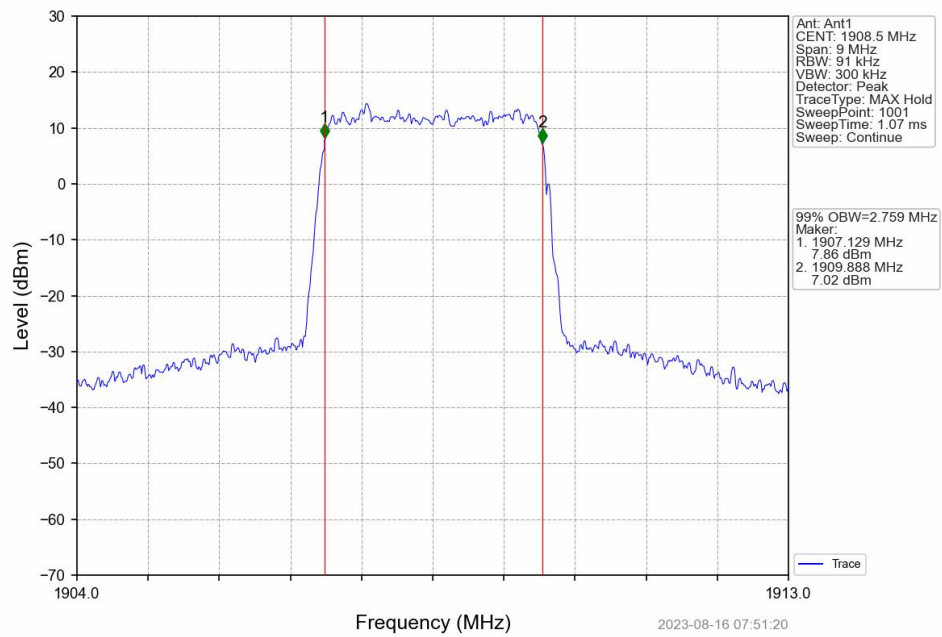
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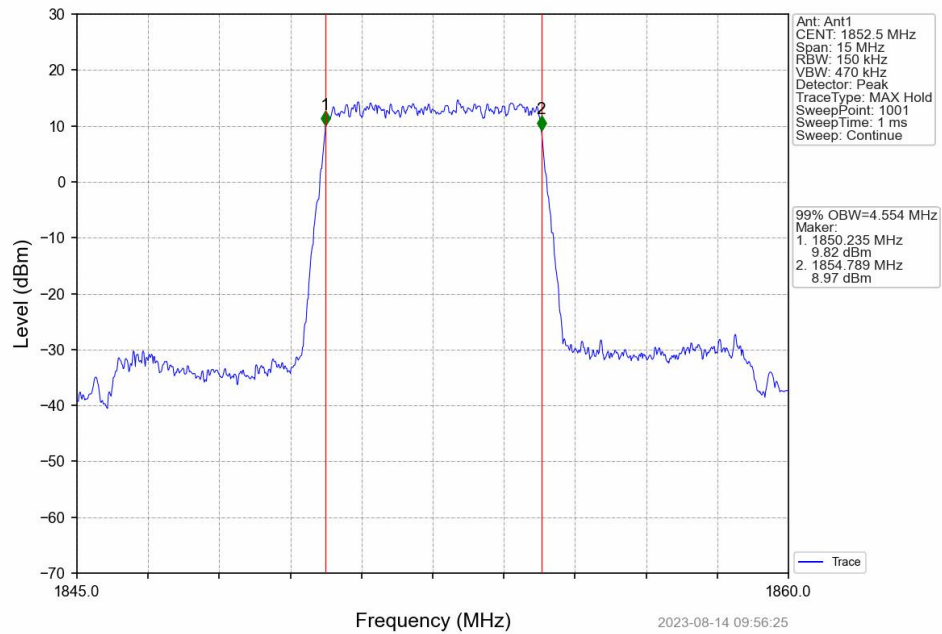
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



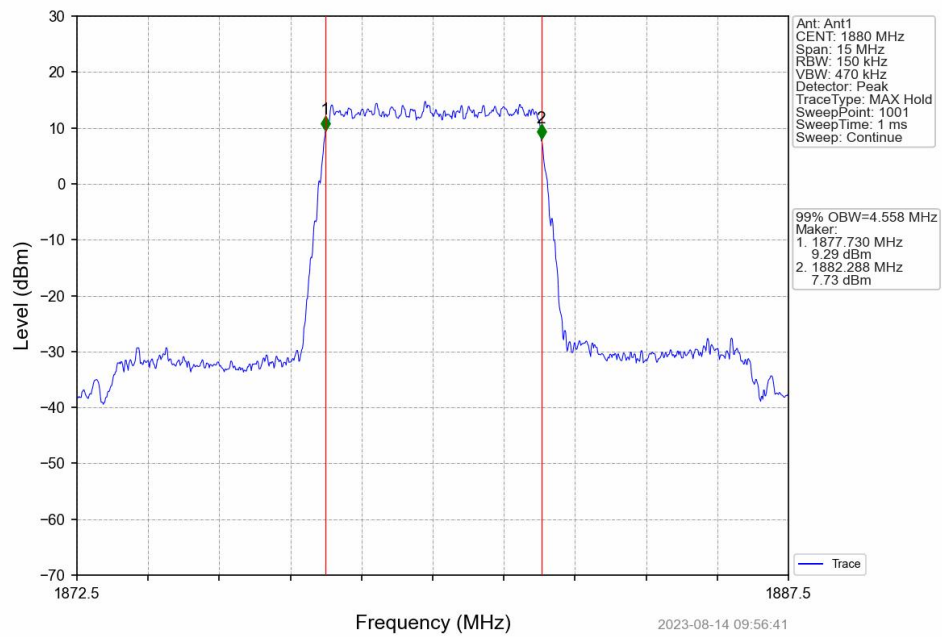
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



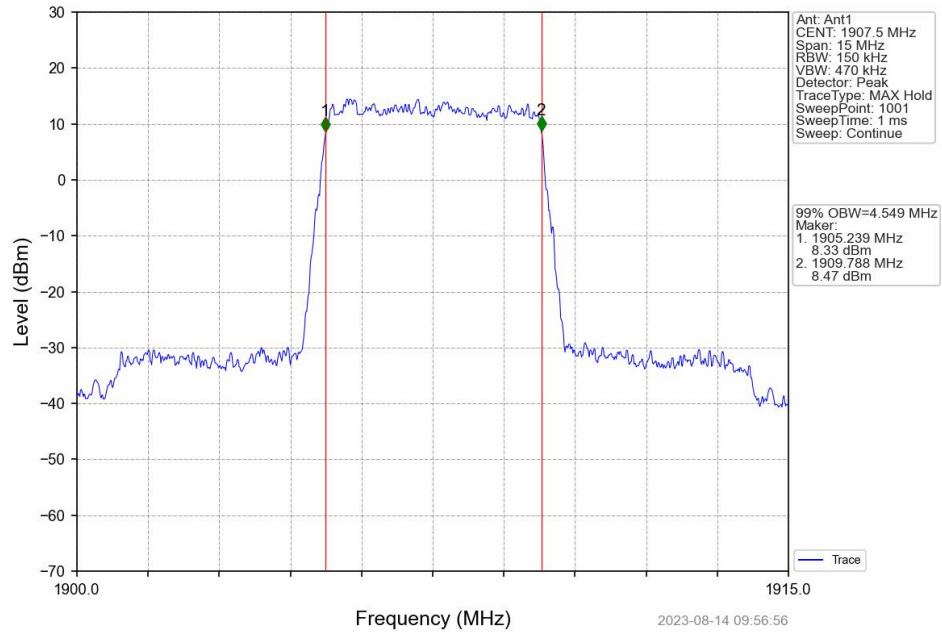
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



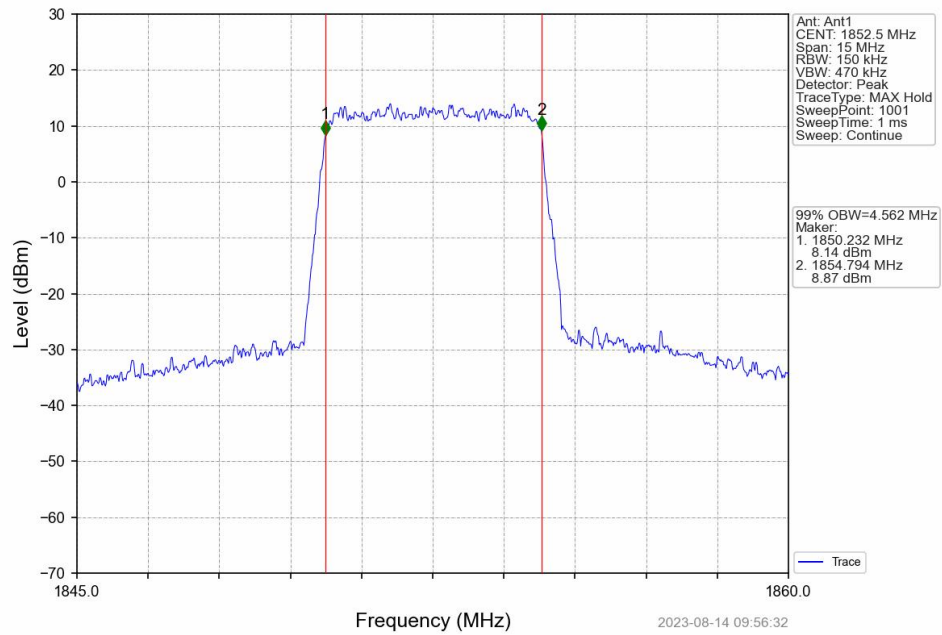
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



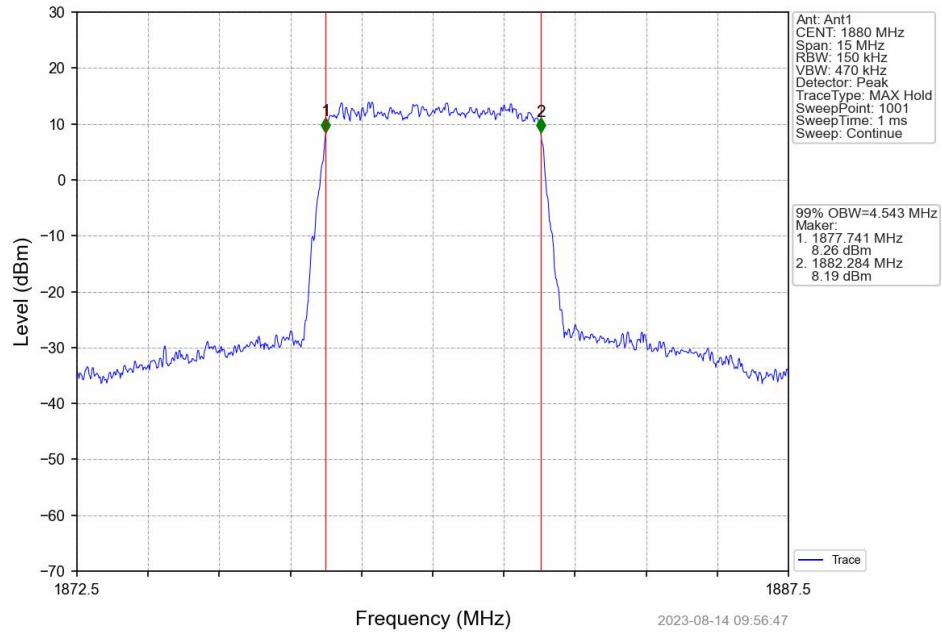
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



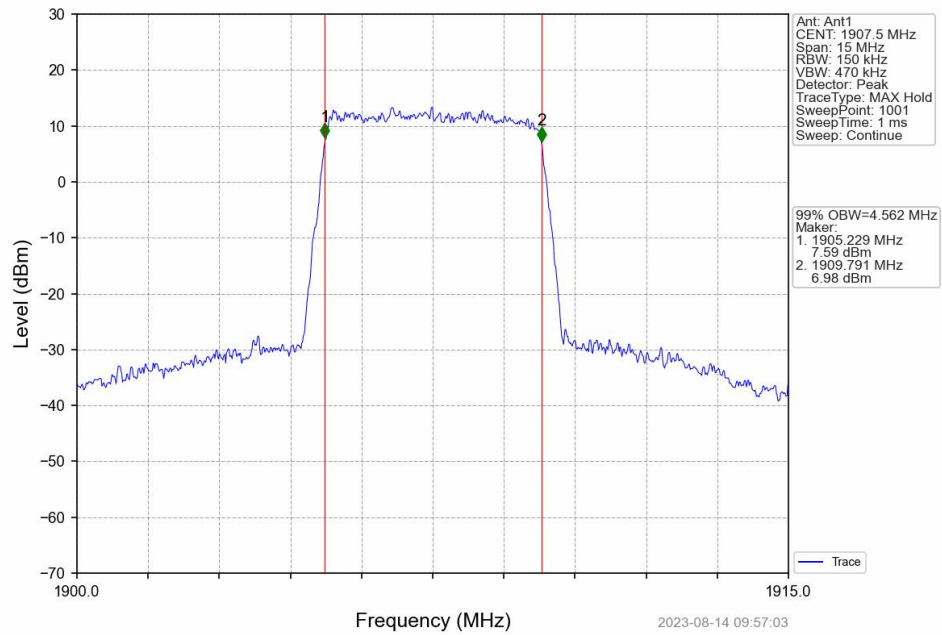
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



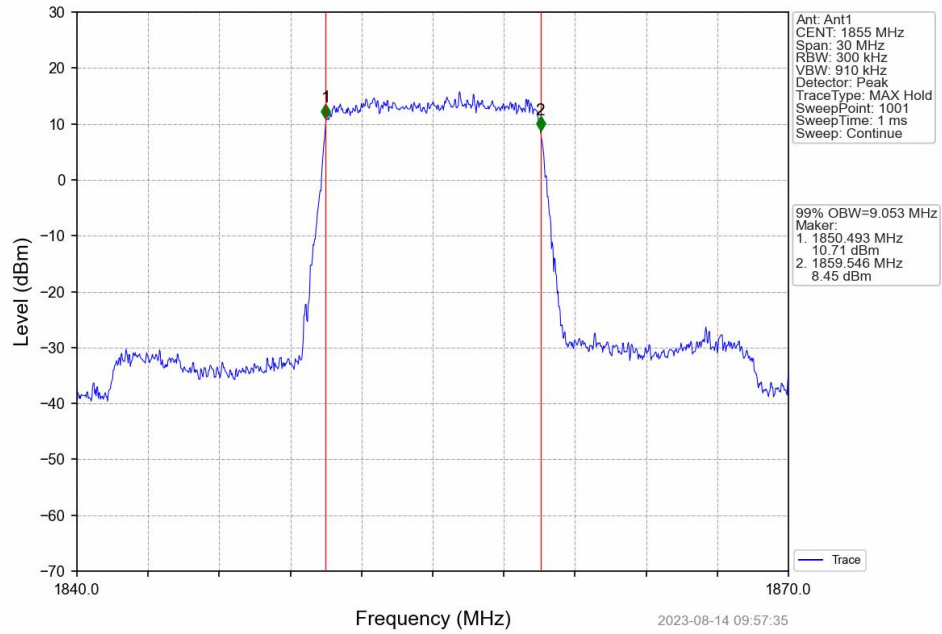
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



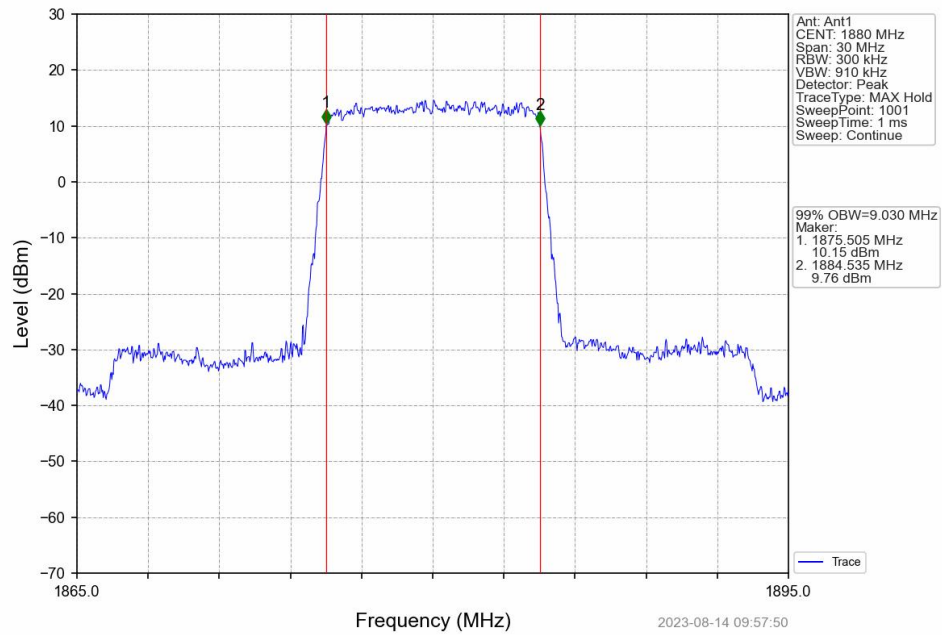
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



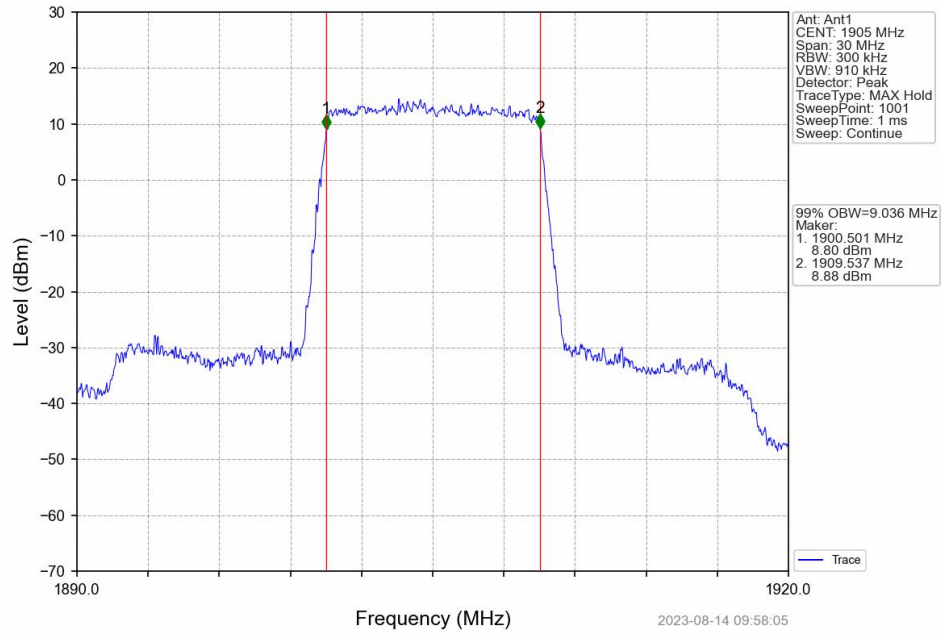
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



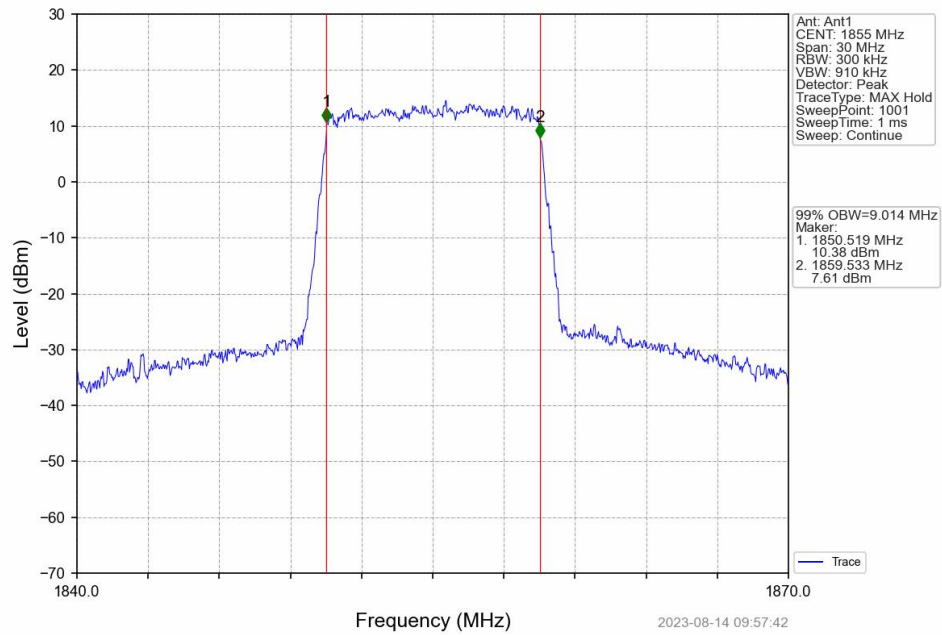
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



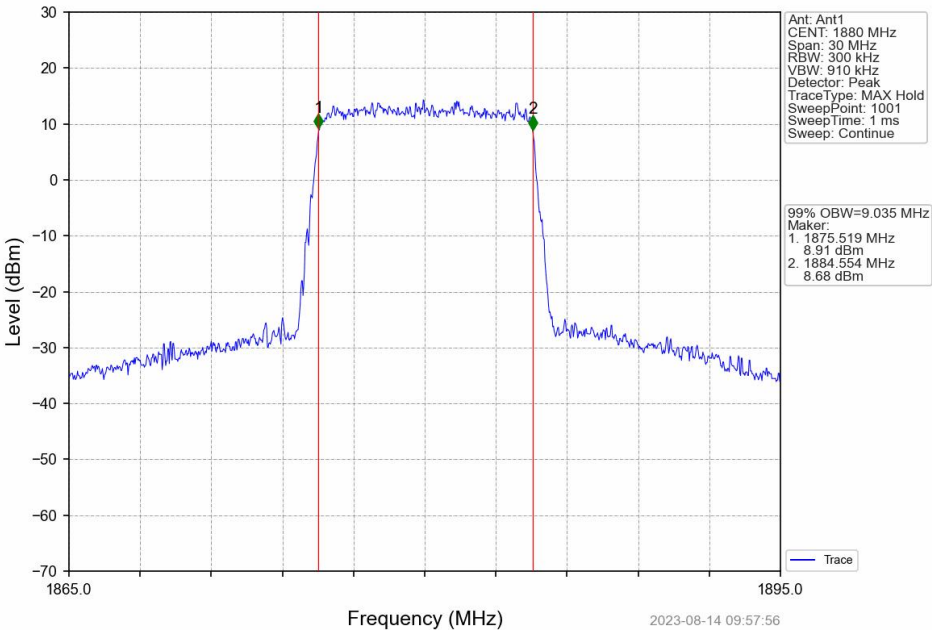
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



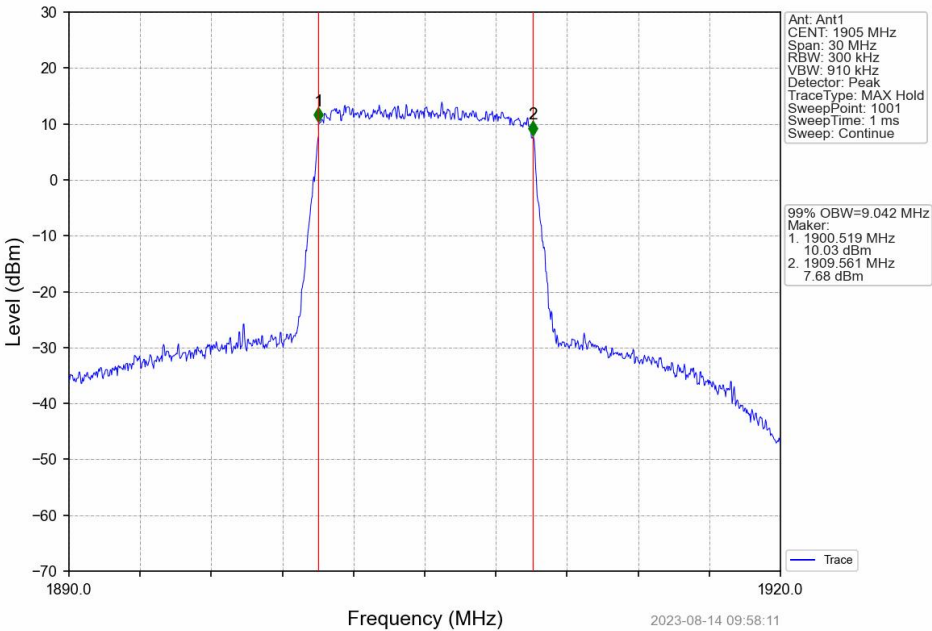
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



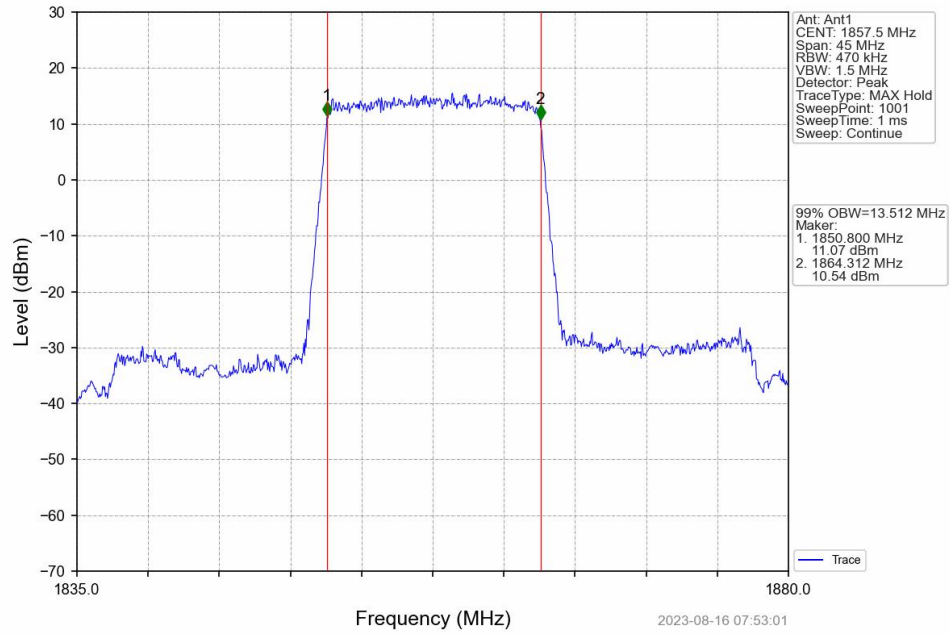
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



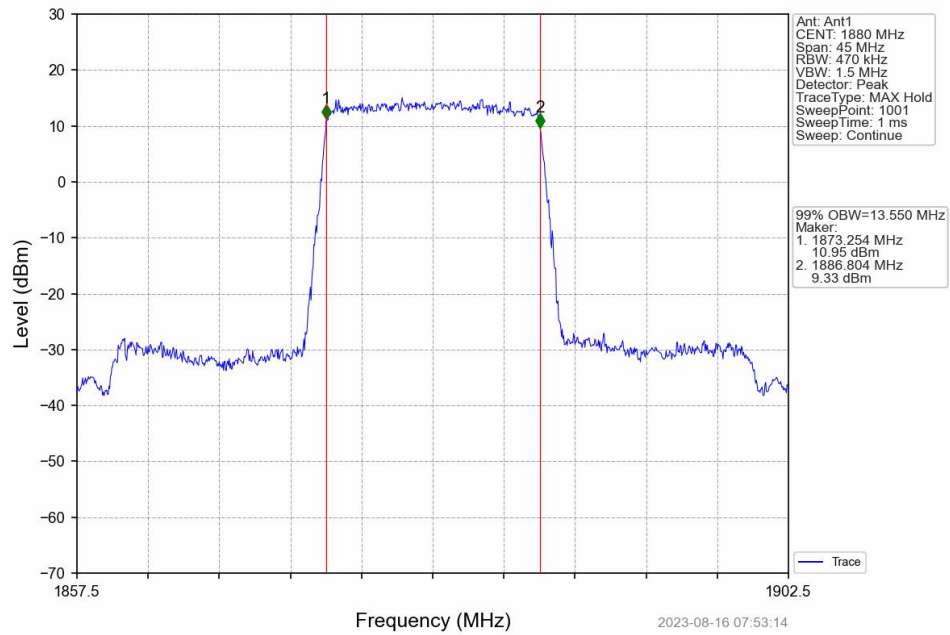
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



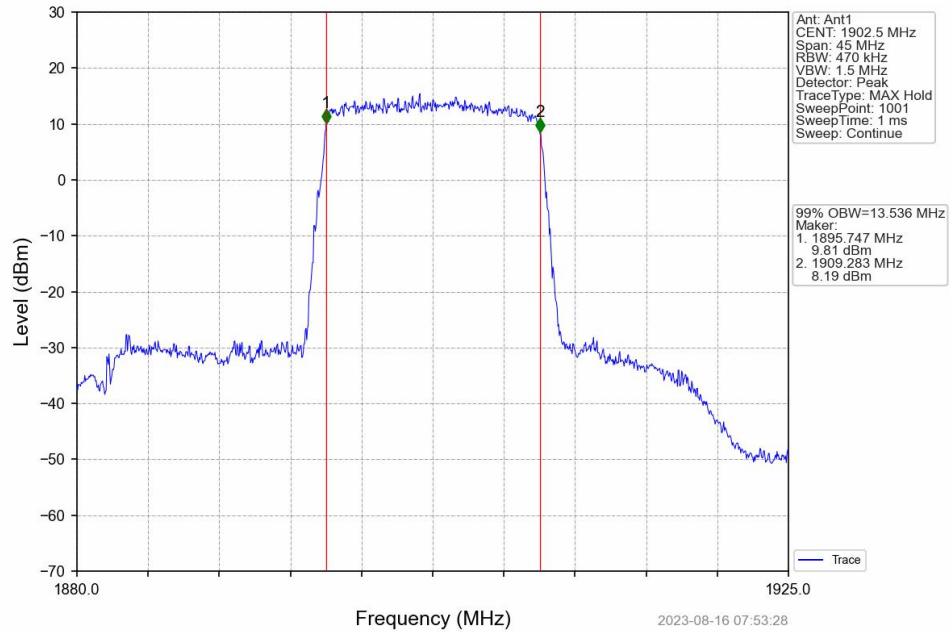
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



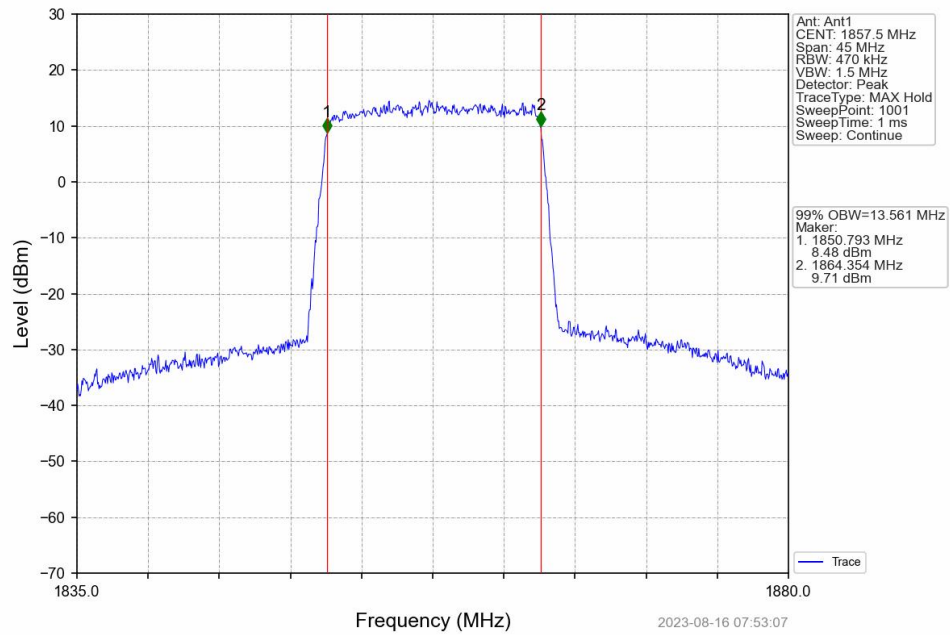
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



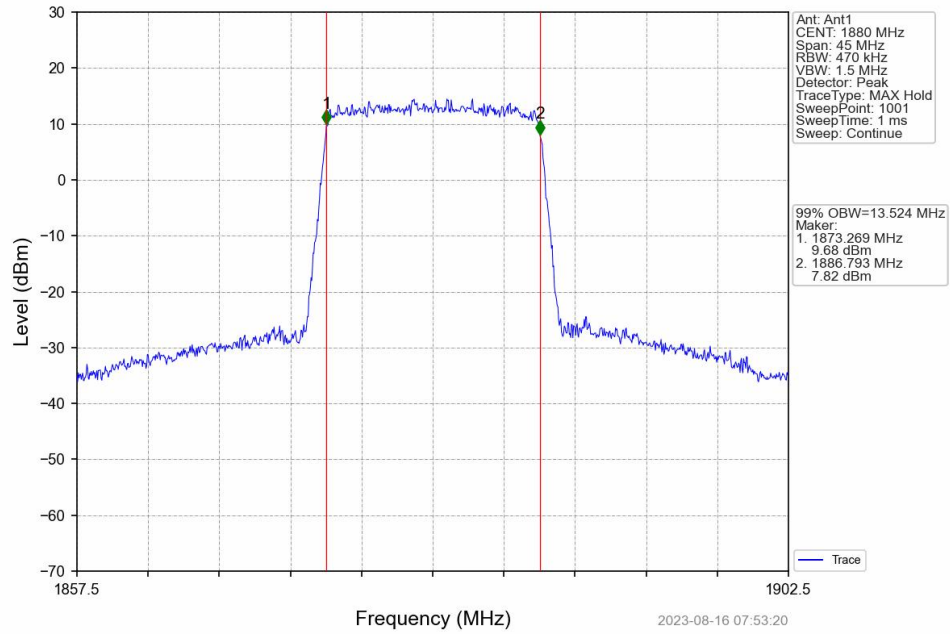
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



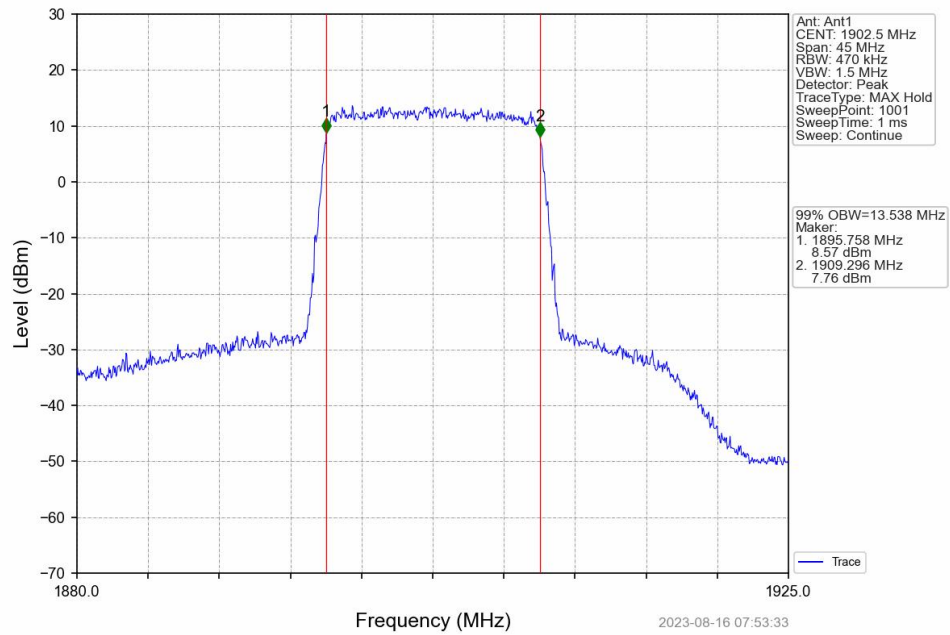
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



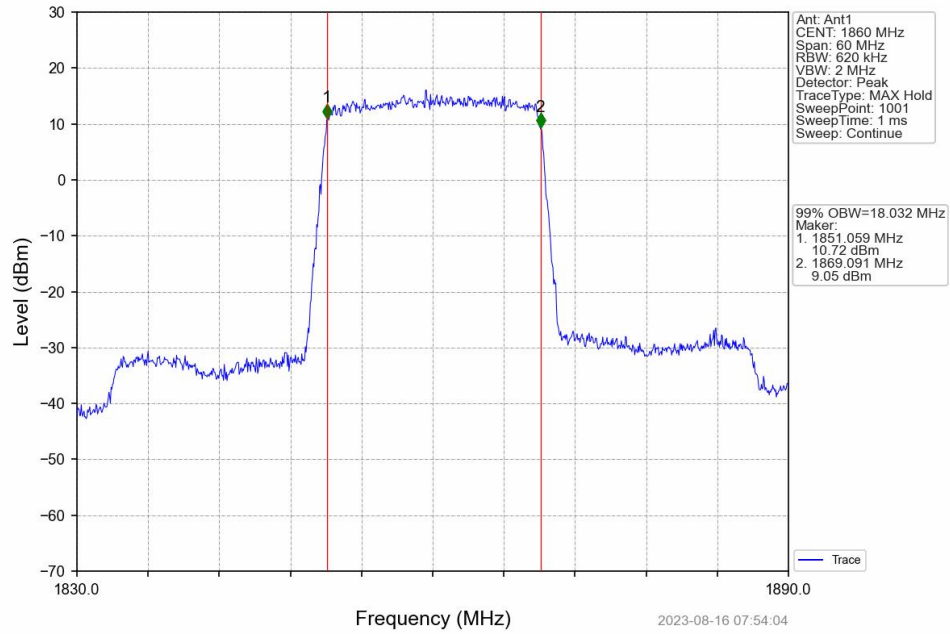
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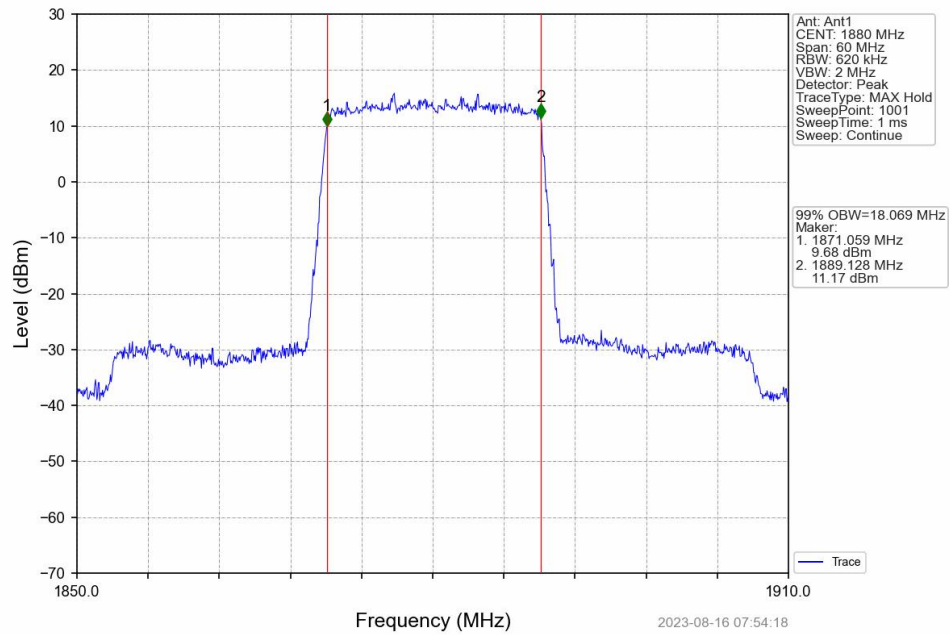
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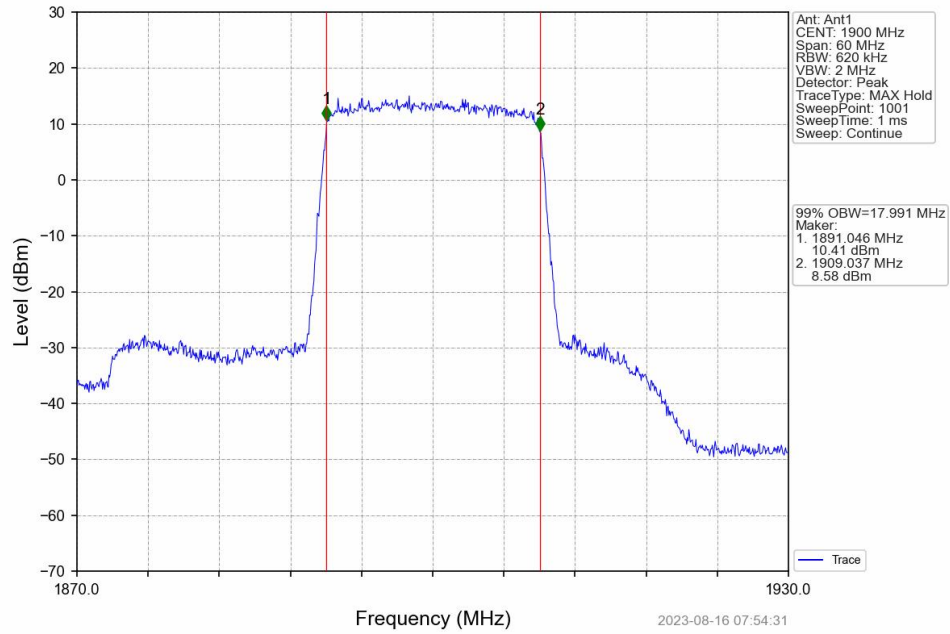
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



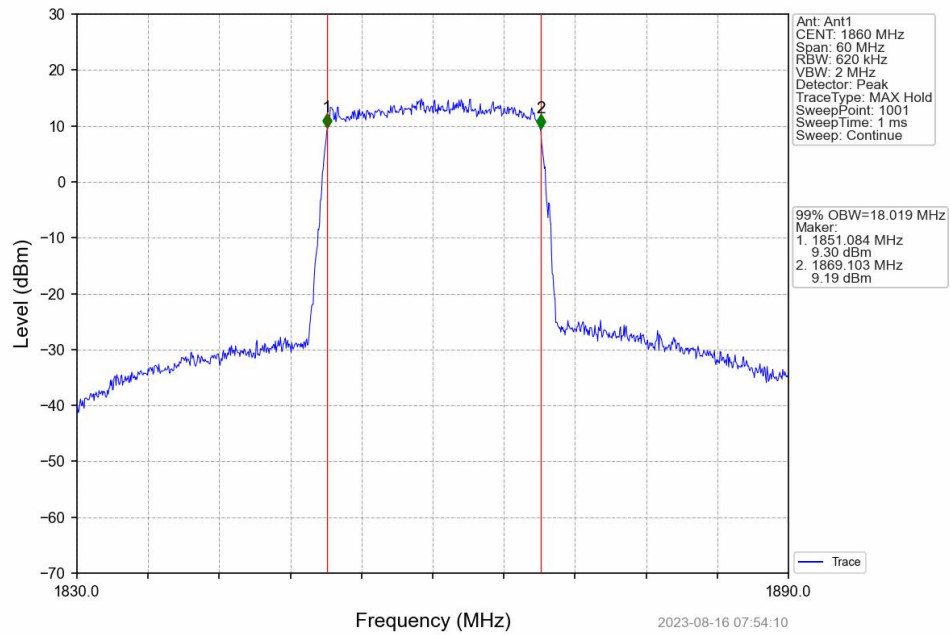
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



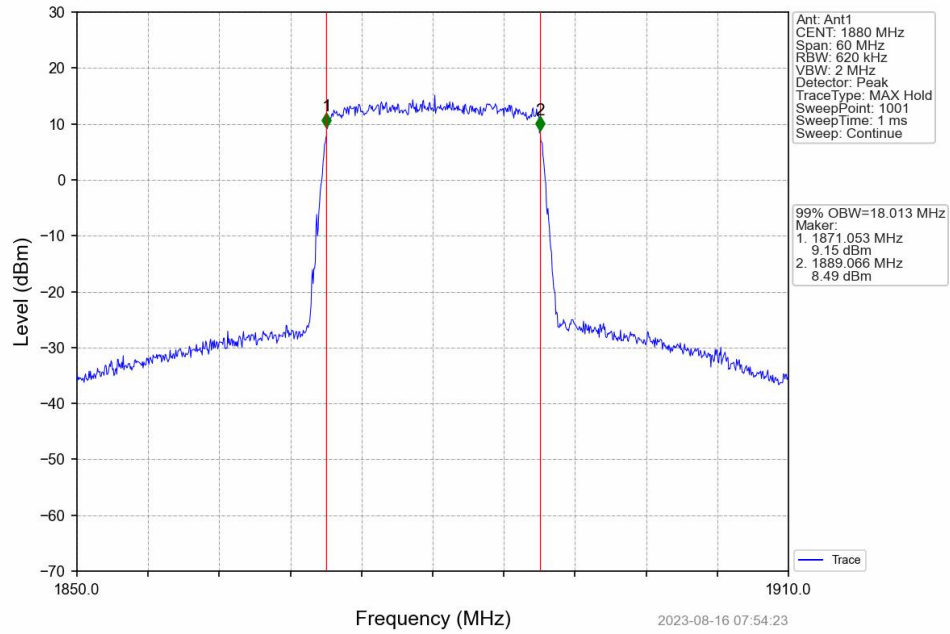
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



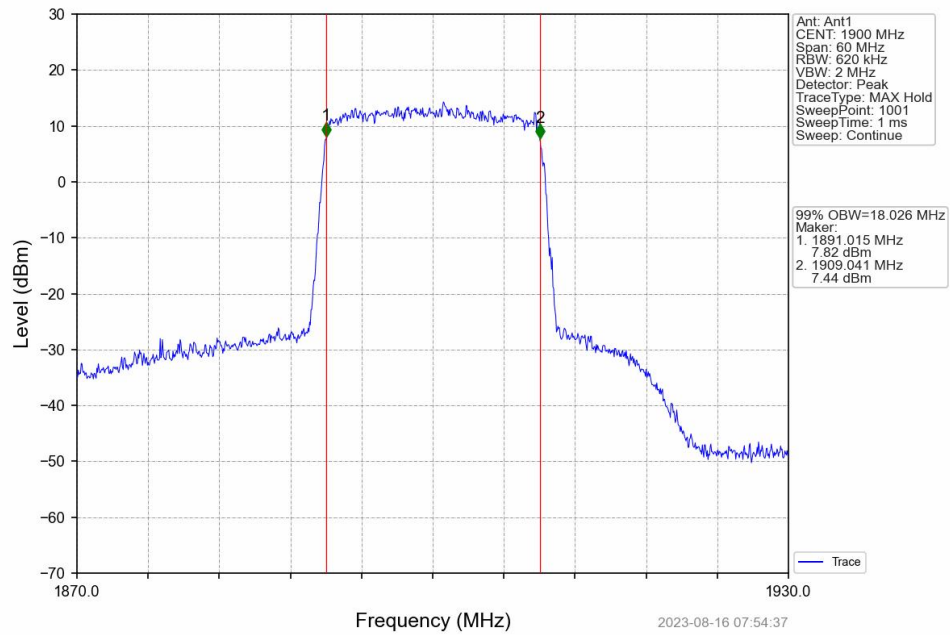
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV

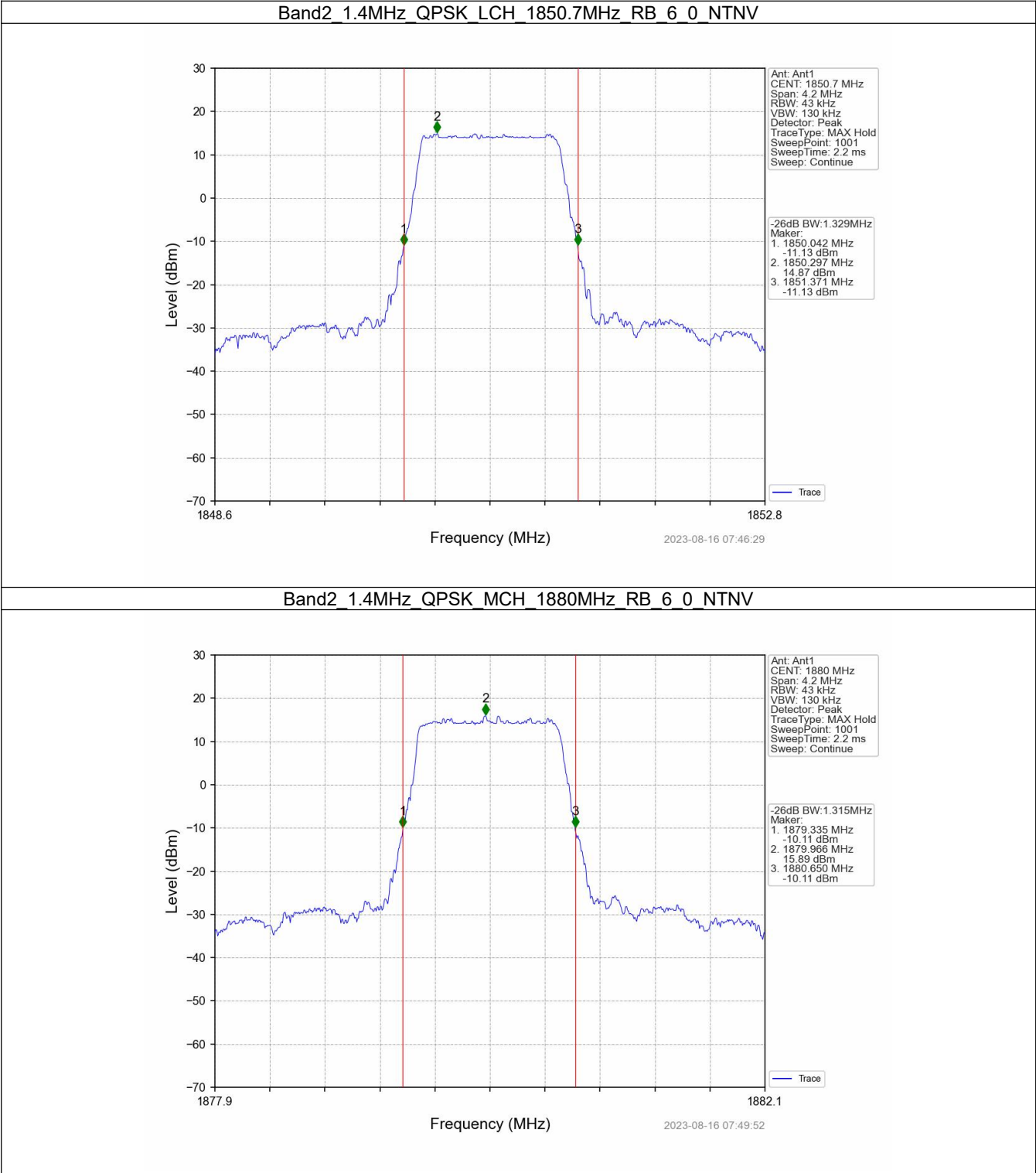


4.2 Band2_XDB

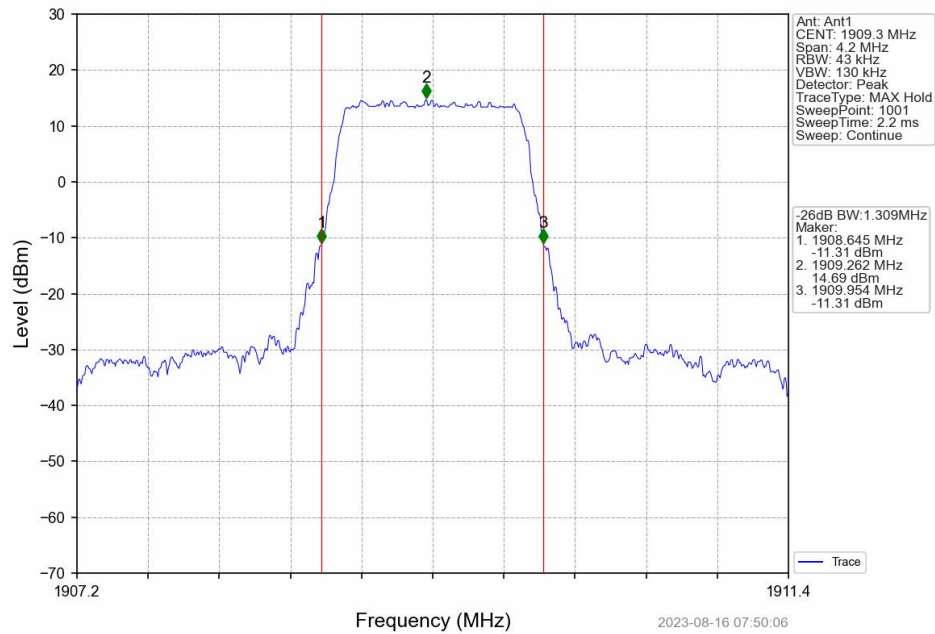
4.2.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.329	Pass
		1880	6	0	1.315	Pass
		1909.3	6	0	1.309	Pass
	16QAM	1850.7	6	0	1.315	Pass
		1880	6	0	1.334	Pass
		1909.3	6	0	1.304	Pass
3	QPSK	1851.5	15	0	3.065	Pass
		1880	15	0	3.067	Pass
		1908.5	15	0	3.039	Pass
	16QAM	1851.5	15	0	3.062	Pass
		1880	15	0	3.054	Pass
		1908.5	15	0	3.027	Pass
5	QPSK	1852.5	25	0	5.087	Pass
		1880	25	0	5.113	Pass
		1907.5	25	0	5.085	Pass
	16QAM	1852.5	25	0	5.091	Pass
		1880	25	0	5.108	Pass
		1907.5	25	0	5.106	Pass
10	QPSK	1855	50	0	9.945	Pass
		1880	50	0	9.961	Pass
		1905	50	0	10.019	Pass
	16QAM	1855	50	0	9.989	Pass
		1880	50	0	10.096	Pass
		1905	50	0	10.012	Pass
15	QPSK	1857.5	75	0	14.832	Pass
		1880	75	0	15.082	Pass
		1902.5	75	0	14.995	Pass
	16QAM	1857.5	75	0	14.935	Pass
		1880	75	0	14.980	Pass
		1902.5	75	0	15.018	Pass
20	QPSK	1860	100	0	19.722	Pass
		1880	100	0	19.664	Pass
		1900	100	0	19.691	Pass
	16QAM	1860	100	0	19.723	Pass
		1880	100	0	19.771	Pass
		1900	100	0	19.614	Pass

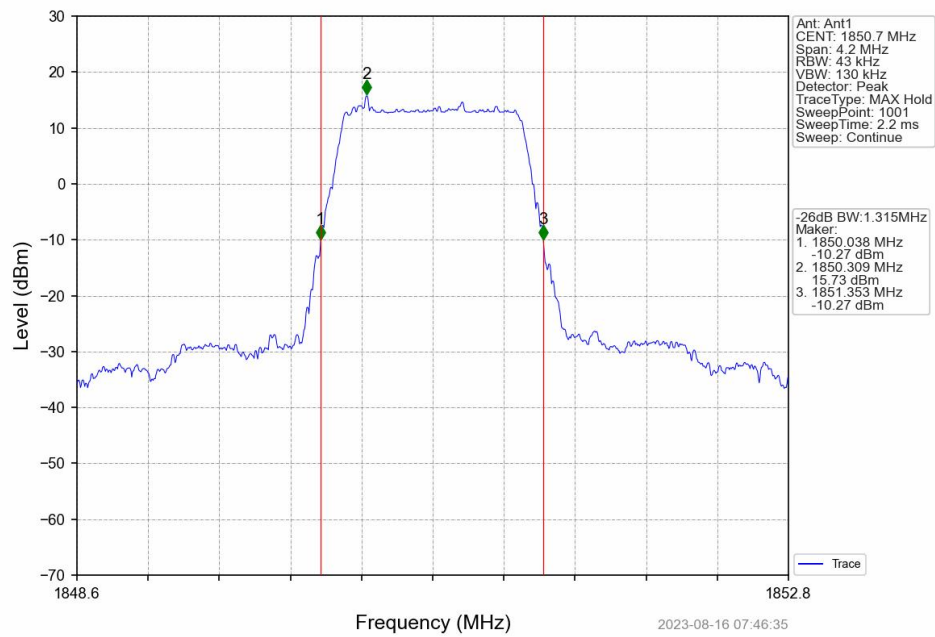
4.2.2 Test Graph



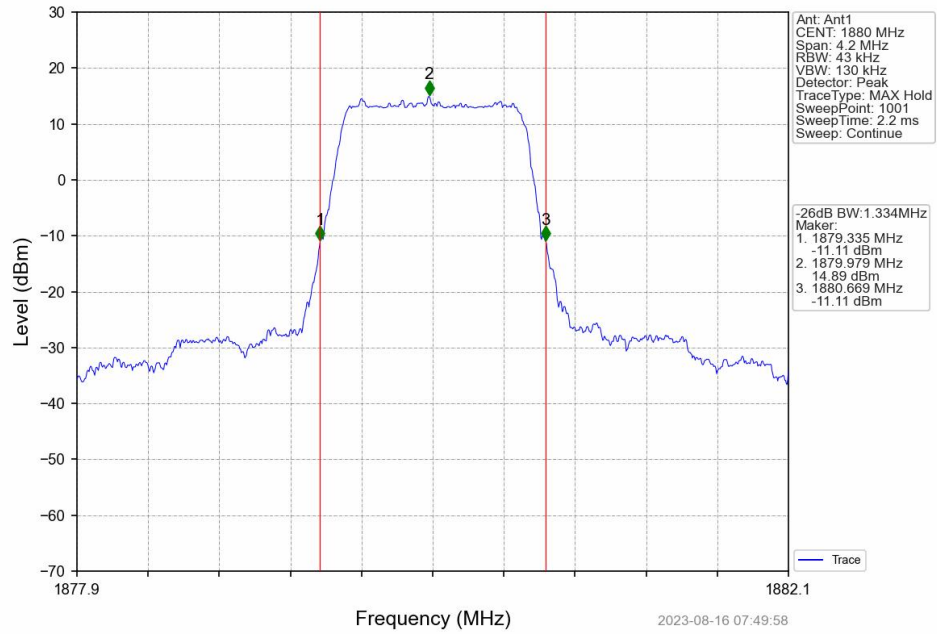
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



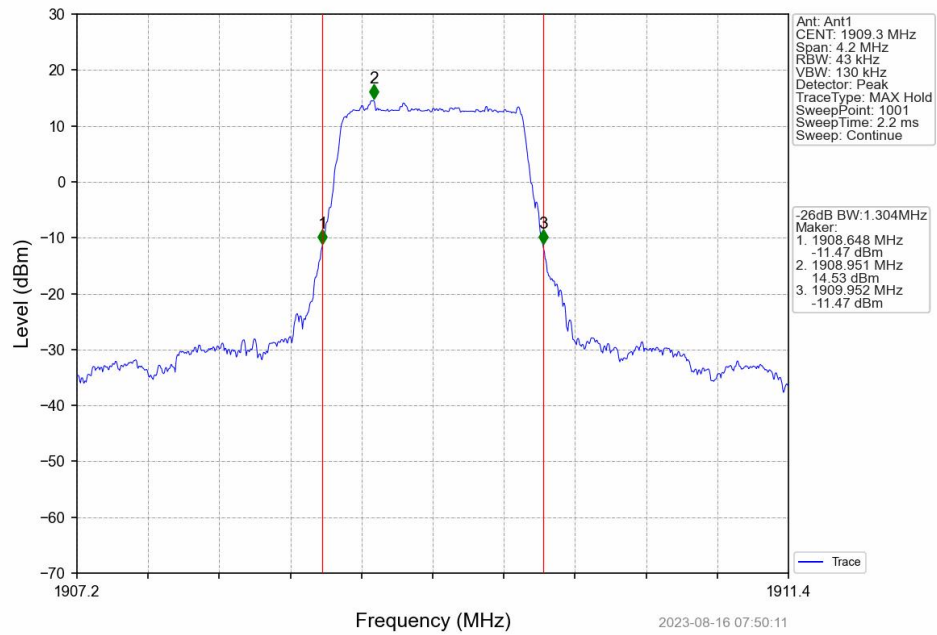
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



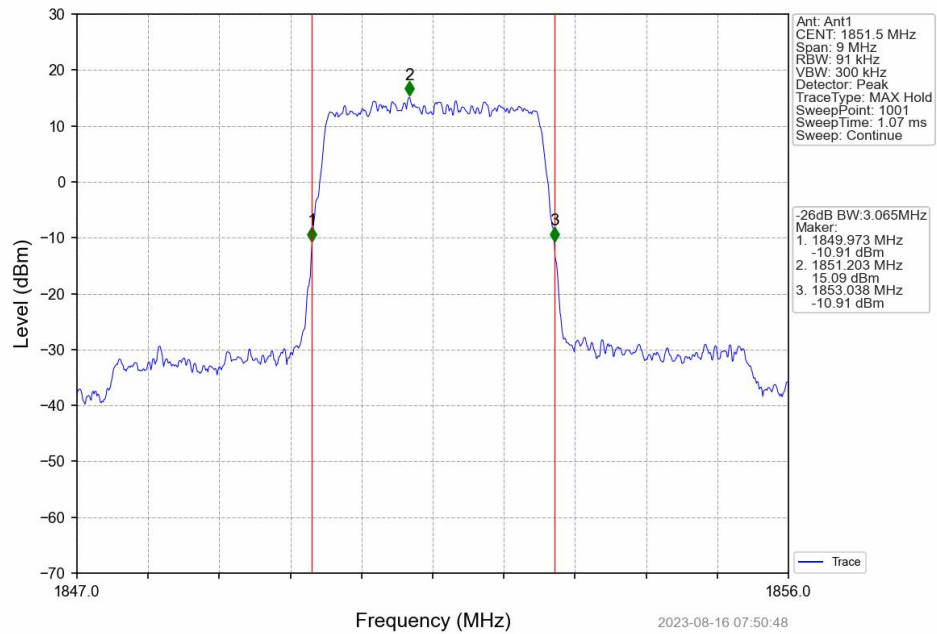
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



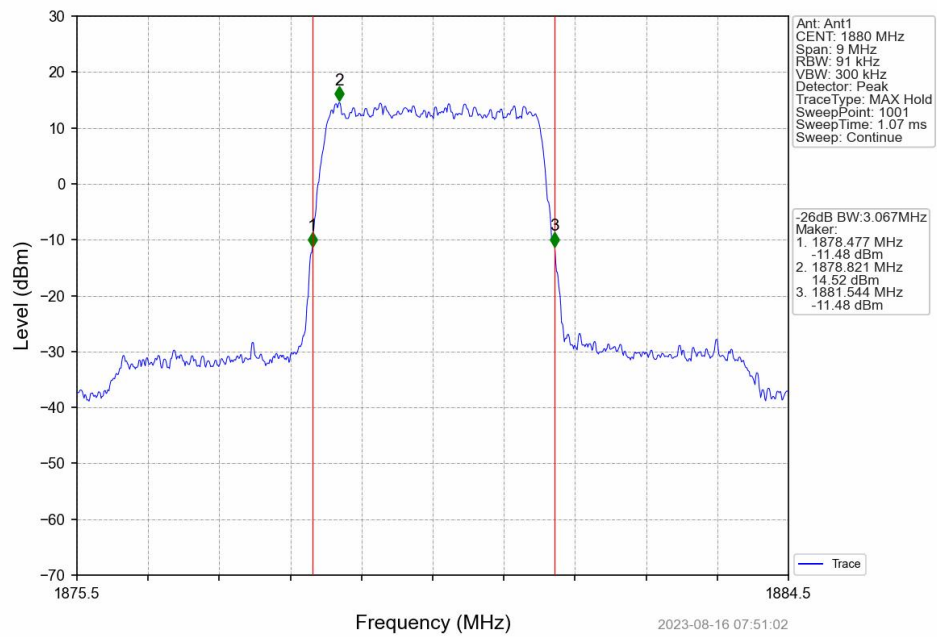
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



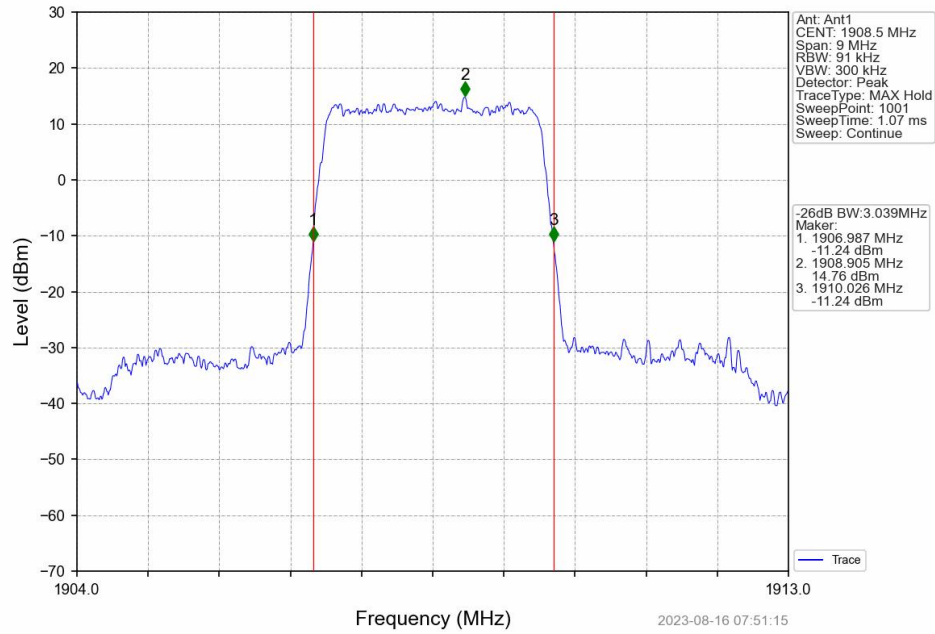
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



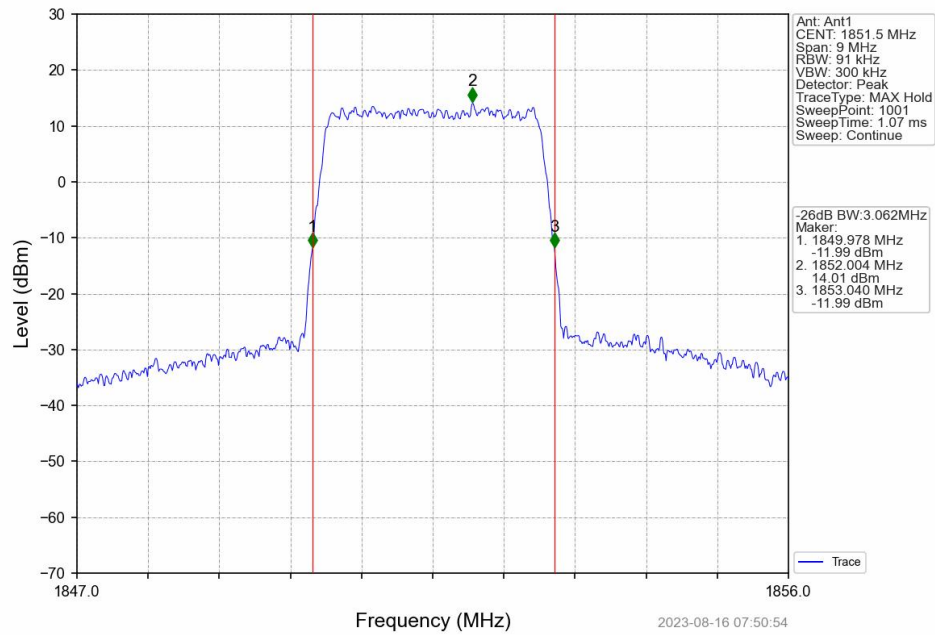
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



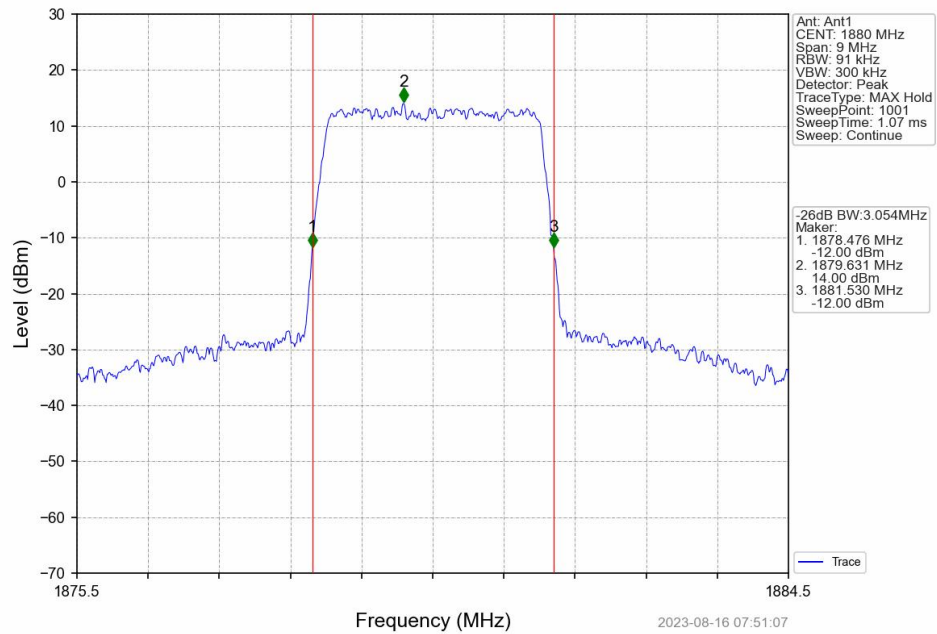
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



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

