

Appendix - LTE_band_2

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	21.91	0.58	22.49	<=33.01	Pass
			2	21.95	0.58	22.53	<=33.01	Pass
			5	22.05	0.58	22.63	<=33.01	Pass
		3	0	18.62	0.58	19.20	<=33.01	Pass
			2	18.65	0.58	19.23	<=33.01	Pass
			3	18.59	0.58	19.17	<=33.01	Pass
		6	0	17.53	0.58	18.11	<=33.01	Pass
	1880	1	0	18.49	0.58	19.07	<=33.01	Pass
			2	18.66	0.58	19.24	<=33.01	Pass
			5	18.46	0.58	19.04	<=33.01	Pass
		3	0	18.60	0.58	19.18	<=33.01	Pass
			2	18.65	0.58	19.23	<=33.01	Pass
			3	18.58	0.58	19.16	<=33.01	Pass
		6	0	17.53	0.58	18.11	<=33.01	Pass
	1909.3	1	0	18.66	0.58	19.24	<=33.01	Pass
			2	18.76	0.58	19.34	<=33.01	Pass
			5	18.50	0.58	19.08	<=33.01	Pass
		3	0	18.67	0.58	19.25	<=33.01	Pass
			2	18.68	0.58	19.26	<=33.01	Pass
			3	18.69	0.58	19.27	<=33.01	Pass
		6	0	17.72	0.58	18.30	<=33.01	Pass
16QAM	1850.7	1	0	17.47	0.58	18.05	<=33.01	Pass
			2	17.60	0.58	18.18	<=33.01	Pass
			5	17.36	0.58	17.94	<=33.01	Pass
		3	0	17.60	0.58	18.18	<=33.01	Pass
			2	17.61	0.58	18.19	<=33.01	Pass
			3	17.53	0.58	18.11	<=33.01	Pass
		6	0	16.50	0.58	17.08	<=33.01	Pass
	1880	1	0	17.58	0.58	18.16	<=33.01	Pass
			2	17.75	0.58	18.33	<=33.01	Pass
			5	17.55	0.58	18.13	<=33.01	Pass
		3	0	17.55	0.58	18.13	<=33.01	Pass
			2	17.60	0.58	18.18	<=33.01	Pass
			3	17.54	0.58	18.12	<=33.01	Pass
		6	0	16.59	0.58	17.17	<=33.01	Pass
	1909.3	1	0	17.71	0.58	18.29	<=33.01	Pass
			2	17.87	0.58	18.45	<=33.01	Pass
			5	17.64	0.58	18.22	<=33.01	Pass
		3	0	17.88	0.58	18.46	<=33.01	Pass
			2	17.88	0.58	18.46	<=33.01	Pass
			3	17.80	0.58	18.38	<=33.01	Pass
		6	0	16.83	0.58	17.41	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

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	18.54	0.58	19.12	<=33.01	Pass	
			7	18.58	0.58	19.16	<=33.01	Pass	
			14	18.58	0.58	19.16	<=33.01	Pass	
		8	0	17.54	0.58	18.12	<=33.01	Pass	
			4	17.61	0.58	18.19	<=33.01	Pass	
			7	17.63	0.58	18.21	<=33.01	Pass	
		15	0	17.58	0.58	18.16	<=33.01	Pass	
		1880	1	0	18.53	0.58	19.11	<=33.01	Pass
				7	18.63	0.58	19.21	<=33.01	Pass
	14			18.41	0.58	18.99	<=33.01	Pass	
	8		0	17.64	0.58	18.22	<=33.01	Pass	
			4	17.67	0.58	18.25	<=33.01	Pass	
			7	17.60	0.58	18.18	<=33.01	Pass	
	15	0	17.63	0.58	18.21	<=33.01	Pass		
	1908.5	1	0	18.56	0.58	19.14	<=33.01	Pass	
			7	18.71	0.58	19.29	<=33.01	Pass	
			14	18.40	0.58	18.98	<=33.01	Pass	
		8	0	17.75	0.58	18.33	<=33.01	Pass	
			4	17.75	0.58	18.33	<=33.01	Pass	
			7	17.68	0.58	18.26	<=33.01	Pass	
		15	0	17.72	0.58	18.30	<=33.01	Pass	
16QAM		1851.5	1	0	17.51	0.58	18.09	<=33.01	Pass
				7	17.59	0.58	18.17	<=33.01	Pass
	14			17.56	0.58	18.14	<=33.01	Pass	
	8		0	16.64	0.58	17.22	<=33.01	Pass	
			4	16.69	0.58	17.27	<=33.01	Pass	
			7	16.70	0.58	17.28	<=33.01	Pass	
	15		0	16.67	0.58	17.25	<=33.01	Pass	
	1880		1	0	17.70	0.58	18.28	<=33.01	Pass
				7	17.83	0.58	18.41	<=33.01	Pass
		14		17.59	0.58	18.17	<=33.01	Pass	
		8	0	16.62	0.58	17.20	<=33.01	Pass	
			4	16.65	0.58	17.23	<=33.01	Pass	
			7	16.59	0.58	17.17	<=33.01	Pass	
	15	0	16.60	0.58	17.18	<=33.01	Pass		
	1908.5	1	0	18.20	0.58	18.78	<=33.01	Pass	
			7	18.35	0.58	18.93	<=33.01	Pass	
			14	18.03	0.58	18.61	<=33.01	Pass	
		8	0	17.01	0.58	17.59	<=33.01	Pass	
			4	17.05	0.58	17.63	<=33.01	Pass	
			7	16.97	0.58	17.55	<=33.01	Pass	
		15	0	16.93	0.58	17.51	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B2_5MHz_EIRP

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	18.26	0.58	18.84	<=33.01	Pass
			13	18.78	0.58	19.36	<=33.01	Pass
			24	18.20	0.58	18.78	<=33.01	Pass
		12	0	17.42	0.58	18.00	<=33.01	Pass
			6	17.62	0.58	18.20	<=33.01	Pass
			13	17.50	0.58	18.08	<=33.01	Pass

16QAM	1880	25	0	17.46	0.58	18.04	<=33.01	Pass
			0	18.23	0.58	18.81	<=33.01	Pass
			13	18.62	0.58	19.20	<=33.01	Pass
		1	24	18.04	0.58	18.62	<=33.01	Pass
			0	17.56	0.58	18.14	<=33.01	Pass
			6	17.70	0.58	18.28	<=33.01	Pass
			13	17.53	0.58	18.11	<=33.01	Pass
		12	25	17.60	0.58	18.18	<=33.01	Pass
			0	18.26	0.58	18.84	<=33.01	Pass
			13	18.89	0.58	19.47	<=33.01	Pass
		1	24	18.24	0.58	18.82	<=33.01	Pass
			0	17.67	0.58	18.25	<=33.01	Pass
			6	17.88	0.58	18.46	<=33.01	Pass
	1907.5	12	13	17.72	0.58	18.30	<=33.01	Pass
			25	17.70	0.58	18.28	<=33.01	Pass
			0	17.20	0.58	17.78	<=33.01	Pass
		1	13	17.77	0.58	18.35	<=33.01	Pass
			24	17.20	0.58	17.78	<=33.01	Pass
			0	16.42	0.58	17.00	<=33.01	Pass
		12	6	16.64	0.58	17.22	<=33.01	Pass
			13	16.54	0.58	17.12	<=33.01	Pass
			25	16.53	0.58	17.11	<=33.01	Pass
		1	0	17.57	0.58	18.15	<=33.01	Pass
			13	17.99	0.58	18.57	<=33.01	Pass
			24	17.37	0.58	17.95	<=33.01	Pass
	1880	12	0	16.68	0.58	17.26	<=33.01	Pass
			6	16.77	0.58	17.35	<=33.01	Pass
			13	16.58	0.58	17.16	<=33.01	Pass
		25	0	16.59	0.58	17.17	<=33.01	Pass
			0	17.15	0.58	17.73	<=33.01	Pass
			13	17.81	0.58	18.39	<=33.01	Pass
		1	24	17.18	0.58	17.76	<=33.01	Pass
			0	16.83	0.58	17.41	<=33.01	Pass
			6	17.04	0.58	17.62	<=33.01	Pass
		12	13	16.87	0.58	17.45	<=33.01	Pass
			25	16.88	0.58	17.46	<=33.01	Pass
			0	16.88	0.58	17.46	<=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	18.67	0.58	19.25	<=33.01	Pass
			25	18.90	0.58	19.48	<=33.01	Pass
			49	18.96	0.58	19.54	<=33.01	Pass
		25	0	18.00	0.58	18.58	<=33.01	Pass
			13	18.03	0.58	18.61	<=33.01	Pass
			25	18.03	0.58	18.61	<=33.01	Pass
		50	0	18.00	0.58	18.58	<=33.01	Pass
			0	18.47	0.58	19.05	<=33.01	Pass
			25	18.59	0.58	19.17	<=33.01	Pass
		1	49	18.78	0.58	19.36	<=33.01	Pass
			0	17.70	0.58	18.28	<=33.01	Pass
			13	17.70	0.58	18.28	<=33.01	Pass
	1880	25	25	17.78	0.58	18.36	<=33.01	Pass
			0	17.75	0.58	18.33	<=33.01	Pass
			0	18.33	0.58	18.91	<=33.01	Pass

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16QAM		25	25	18.56	0.58	19.14	<=33.01	Pass
			49	18.91	0.58	19.49	<=33.01	Pass
			0	17.64	0.58	18.22	<=33.01	Pass
			13	17.77	0.58	18.35	<=33.01	Pass
			25	18.00	0.58	18.58	<=33.01	Pass
	1855	1	0	17.74	0.58	18.32	<=33.01	Pass
			25	17.94	0.58	18.52	<=33.01	Pass
			49	17.95	0.58	18.53	<=33.01	Pass
		25	0	17.21	0.58	17.79	<=33.01	Pass
			13	17.26	0.58	17.84	<=33.01	Pass
			25	17.26	0.58	17.84	<=33.01	Pass
		50	0	17.17	0.58	17.75	<=33.01	Pass
			0	17.66	0.58	18.24	<=33.01	Pass
			25	17.79	0.58	18.37	<=33.01	Pass
			49	17.97	0.58	18.55	<=33.01	Pass
		25	0	16.70	0.58	17.28	<=33.01	Pass
			13	16.73	0.58	17.31	<=33.01	Pass
			25	16.79	0.58	17.37	<=33.01	Pass
		50	0	16.74	0.58	17.32	<=33.01	Pass
	1880	1	0	17.96	0.58	18.54	<=33.01	Pass
			25	18.21	0.58	18.79	<=33.01	Pass
			49	18.55	0.58	19.13	<=33.01	Pass
		25	0	16.82	0.58	17.40	<=33.01	Pass
			13	16.96	0.58	17.54	<=33.01	Pass
			25	17.18	0.58	17.76	<=33.01	Pass
		50	0	16.97	0.58	17.55	<=33.01	Pass
			0	17.96	0.58	18.54	<=33.01	Pass
			25	18.21	0.58	18.79	<=33.01	Pass
			49	18.55	0.58	19.13	<=33.01	Pass
	1905	1	0	16.82	0.58	17.40	<=33.01	Pass
			13	16.96	0.58	17.54	<=33.01	Pass
			25	17.18	0.58	17.76	<=33.01	Pass
		25	0	16.97	0.58	17.55	<=33.01	Pass
			0	17.96	0.58	18.54	<=33.01	Pass
			25	18.21	0.58	18.79	<=33.01	Pass
			49	18.55	0.58	19.13	<=33.01	Pass
		50	0	16.82	0.58	17.40	<=33.01	Pass
			13	16.96	0.58	17.54	<=33.01	Pass
			25	17.18	0.58	17.76	<=33.01	Pass
		50	0	16.97	0.58	17.55	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

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	18.93	0.58	19.51	<=33.01	Pass
			38	18.69	0.58	19.27	<=33.01	Pass
			74	18.72	0.58	19.30	<=33.01	Pass
		36	0	18.01	0.58	18.59	<=33.01	Pass
			18	17.78	0.58	18.36	<=33.01	Pass
			39	17.68	0.58	18.26	<=33.01	Pass
		75	0	17.83	0.58	18.41	<=33.01	Pass
			0	18.62	0.58	19.20	<=33.01	Pass
			38	18.54	0.58	19.12	<=33.01	Pass
		36	0	17.79	0.58	18.37	<=33.01	Pass
			18	17.63	0.58	18.21	<=33.01	Pass
			39	17.61	0.58	18.19	<=33.01	Pass
	1880	1	0	17.69	0.58	18.27	<=33.01	Pass
			38	18.61	0.58	19.19	<=33.01	Pass
			74	21.79	0.58	22.37	<=33.01	Pass
		36	0	21.73	0.58	22.31	<=33.01	Pass
			18	20.83	0.58	21.41	<=33.01	Pass
			39	20.73	0.58	21.31	<=33.01	Pass
		75	0	20.83	0.58	21.41	<=33.01	Pass
			18	20.83	0.58	21.41	<=33.01	Pass
			39	20.83	0.58	21.41	<=33.01	Pass
	1902.5	1	0	18.79	0.58	19.37	<=33.01	Pass
			38	18.22	0.58	18.80	<=33.01	Pass
			74	18.05	0.58	18.63	<=33.01	Pass
16QAM	1857.5	1	0	18.22	0.58	18.80	<=33.01	Pass
			38	18.04	0.58	18.62	<=33.01	Pass
			74	18.05	0.58	18.63	<=33.01	Pass

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		36	0	17.12	0.58	17.70	<=33.01	Pass
			18	16.91	0.58	17.49	<=33.01	Pass
			39	16.82	0.58	17.40	<=33.01	Pass
		75	0	16.96	0.58	17.54	<=33.01	Pass
	1880	1	0	17.79	0.58	18.37	<=33.01	Pass
			38	17.74	0.58	18.32	<=33.01	Pass
			74	17.61	0.58	18.19	<=33.01	Pass
		36	0	16.77	0.58	17.35	<=33.01	Pass
			18	16.64	0.58	17.22	<=33.01	Pass
			39	16.60	0.58	17.18	<=33.01	Pass
		75	0	16.68	0.58	17.26	<=33.01	Pass
	1902.5	1	0	19.40	0.58	19.98	<=33.01	Pass
			38	19.41	0.58	19.99	<=33.01	Pass
			74	19.37	0.58	19.95	<=33.01	Pass
		36	0	18.25	0.58	18.83	<=33.01	Pass
			18	17.66	0.58	18.24	<=33.01	Pass
			39	15.84	0.58	16.42	<=33.01	Pass
	75	0	15.81	0.58	16.39	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

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	18.33	0.58	18.91	<=33.01	Pass
			50	17.58	0.58	18.16	<=33.01	Pass
			99	18.25	0.58	18.83	<=33.01	Pass
		50	0	17.12	0.58	17.70	<=33.01	Pass
			25	16.75	0.58	17.33	<=33.01	Pass
			50	16.86	0.58	17.44	<=33.01	Pass
		100	0	16.96	0.58	17.54	<=33.01	Pass
	1880	1	0	18.07	0.58	18.65	<=33.01	Pass
			50	17.41	0.58	17.99	<=33.01	Pass
			99	17.64	0.58	18.22	<=33.01	Pass
		50	0	16.83	0.58	17.41	<=33.01	Pass
			25	16.52	0.58	17.10	<=33.01	Pass
			50	16.60	0.58	17.18	<=33.01	Pass
		100	0	16.69	0.58	17.27	<=33.01	Pass
	1900	1	0	18.58	0.58	19.16	<=33.01	Pass
			50	17.61	0.58	18.19	<=33.01	Pass
			99	18.19	0.58	18.77	<=33.01	Pass
		50	0	17.18	0.58	17.76	<=33.01	Pass
			25	16.84	0.58	17.42	<=33.01	Pass
			50	17.03	0.58	17.61	<=33.01	Pass
		100	0	17.07	0.58	17.65	<=33.01	Pass
16QAM	1860	1	0	17.70	0.58	18.28	<=33.01	Pass
			50	17.04	0.58	17.62	<=33.01	Pass
			99	17.55	0.58	18.13	<=33.01	Pass
		50	0	16.25	0.58	16.83	<=33.01	Pass
			25	15.87	0.58	16.45	<=33.01	Pass
			50	15.99	0.58	16.57	<=33.01	Pass
		100	0	16.10	0.58	16.68	<=33.01	Pass
	1880	1	0	17.22	0.58	17.80	<=33.01	Pass
			50	16.53	0.58	17.11	<=33.01	Pass
			99	16.78	0.58	17.36	<=33.01	Pass
		50	0	15.85	0.58	16.43	<=33.01	Pass
			25	15.56	0.58	16.14	<=33.01	Pass

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		100	50	15.62	0.58	16.20	<=33.01	Pass
			0	15.71	0.58	16.29	<=33.01	Pass
	1900	1	0	17.81	0.58	18.39	<=33.01	Pass
			50	16.89	0.58	17.47	<=33.01	Pass
			99	17.46	0.58	18.04	<=33.01	Pass
		50	0	16.11	0.58	16.69	<=33.01	Pass
			25	15.81	0.58	16.39	<=33.01	Pass
			50	15.96	0.58	16.54	<=33.01	Pass
		100	0	16.03	0.58	16.61	<=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	-39.310	-0.0212	-2.5 to 2.5	Pass
					3.85	-44.990	-0.0243	-2.5 to 2.5	Pass
					4.43	-35.262	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-39.196	-0.0212	-2.5 to 2.5	Pass
					3.85	-34.761	-0.0188	-2.5 to 2.5	Pass
					3.85	-44.103	-0.0238	-2.5 to 2.5	Pass
				0	3.85	-24.490	-0.0132	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0034	-2.5 to 2.5	Pass
					3.85	-34.161	-0.0185	-2.5 to 2.5	Pass
				40	3.85	33.460	0.0181	-2.5 to 2.5	Pass
					3.85	38.338	0.0207	-2.5 to 2.5	Pass
					3.85	38.338	0.0207	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	32.802	0.0174	-2.5 to 2.5	Pass
					3.85	15.564	0.0083	-2.5 to 2.5	Pass
					4.43	1.001	0.0005	-2.5 to 2.5	Pass
				-30	3.85	33.116	0.0176	-2.5 to 2.5	Pass
					3.85	18.368	0.0098	-2.5 to 2.5	Pass
					3.85	38.238	0.0203	-2.5 to 2.5	Pass
				0	3.85	57.936	0.0308	-2.5 to 2.5	Pass
					3.85	14.405	0.0077	-2.5 to 2.5	Pass
					3.85	23.990	0.0128	-2.5 to 2.5	Pass
				40	3.85	39.182	0.0208	-2.5 to 2.5	Pass
					3.85	16.952	0.0090	-2.5 to 2.5	Pass
					3.85	16.952	0.0090	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	17.409	0.0091	-2.5 to 2.5	Pass
					3.85	34.590	0.0181	-2.5 to 2.5	Pass
					4.43	24.505	0.0128	-2.5 to 2.5	Pass
				-30	3.85	11.630	0.0061	-2.5 to 2.5	Pass
					3.85	13.261	0.0069	-2.5 to 2.5	Pass
					3.85	18.253	0.0096	-2.5 to 2.5	Pass
				0	3.85	22.588	0.0118	-2.5 to 2.5	Pass
					3.85	20.528	0.0108	-2.5 to 2.5	Pass
					3.85	20.270	0.0106	-2.5 to 2.5	Pass
				40	3.85	23.746	0.0124	-2.5 to 2.5	Pass
					3.85	25.220	0.0132	-2.5 to 2.5	Pass
					3.85	25.220	0.0132	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	26.493	0.0143	-2.5 to 2.5	Pass
					3.85	8.955	0.0048	-2.5 to 2.5	Pass
					4.43	41.914	0.0226	-2.5 to 2.5	Pass

				-30	3.85	32.716	0.0177	-2.5 to 2.5	Pass
				-20	3.85	33.159	0.0179	-2.5 to 2.5	Pass
				-10	3.85	44.703	0.0242	-2.5 to 2.5	Pass
				0	3.85	24.934	0.0135	-2.5 to 2.5	Pass
				10	3.85	10.214	0.0055	-2.5 to 2.5	Pass
				30	3.85	46.906	0.0253	-2.5 to 2.5	Pass
				40	3.85	47.035	0.0254	-2.5 to 2.5	Pass
				50	3.85	4.406	0.0024	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	26.422	0.0141	-2.5 to 2.5	Pass
					3.85	22.917	0.0122	-2.5 to 2.5	Pass
					4.43	15.779	0.0084	-2.5 to 2.5	Pass
				-30	3.85	33.503	0.0178	-2.5 to 2.5	Pass
				-20	3.85	7.768	0.0041	-2.5 to 2.5	Pass
				-10	3.85	4.077	0.0022	-2.5 to 2.5	Pass
				0	3.85	32.716	0.0174	-2.5 to 2.5	Pass
				10	3.85	32.601	0.0173	-2.5 to 2.5	Pass
				30	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				40	3.85	25.692	0.0137	-2.5 to 2.5	Pass
				50	3.85	23.260	0.0124	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	24.433	0.0128	-2.5 to 2.5	Pass
					3.85	26.822	0.0140	-2.5 to 2.5	Pass
					4.43	32.701	0.0171	-2.5 to 2.5	Pass
				-30	3.85	22.316	0.0117	-2.5 to 2.5	Pass
				-20	3.85	-18.511	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	7.396	0.0039	-2.5 to 2.5	Pass
				0	3.85	29.354	0.0154	-2.5 to 2.5	Pass
				10	3.85	40.140	0.0210	-2.5 to 2.5	Pass
				30	3.85	49.095	0.0257	-2.5 to 2.5	Pass
				40	3.85	8.755	0.0046	-2.5 to 2.5	Pass
				50	3.85	32.873	0.0172	-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	-37.279	-0.0201	-2.5 to 2.5	Pass
					3.85	-28.024	-0.0151	-2.5 to 2.5	Pass
					4.43	-25.406	-0.0137	-2.5 to 2.5	Pass
				-30	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-13.175	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-8.998	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-46.520	-0.0251	-2.5 to 2.5	Pass
				40	3.85	-22.874	-0.0124	-2.5 to 2.5	Pass
	1880	15	0	20	3.85	-12.989	-0.0070	-2.5 to 2.5	Pass
					3.27	20.714	0.0110	-2.5 to 2.5	Pass
					3.85	34.175	0.0182	-2.5 to 2.5	Pass
					4.43	22.917	0.0122	-2.5 to 2.5	Pass
				-30	3.85	47.865	0.0255	-2.5 to 2.5	Pass
				-20	3.85	37.980	0.0202	-2.5 to 2.5	Pass
				-10	3.85	5.994	0.0032	-2.5 to 2.5	Pass
				0	3.85	15.521	0.0083	-2.5 to 2.5	Pass
				10	3.85	33.417	0.0178	-2.5 to 2.5	Pass
				30	3.85	39.582	0.0211	-2.5 to 2.5	Pass
				40	3.85	-21.801	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass

	1908.5	15	0	20	3.27	13.647	0.0072	-2.5 to 2.5	Pass
					3.85	27.766	0.0145	-2.5 to 2.5	Pass
					4.43	23.375	0.0122	-2.5 to 2.5	Pass
				-30	3.85	4.005	0.0021	-2.5 to 2.5	Pass
				-20	3.85	9.341	0.0049	-2.5 to 2.5	Pass
				-10	3.85	4.692	0.0025	-2.5 to 2.5	Pass
				0	3.85	5.980	0.0031	-2.5 to 2.5	Pass
				10	3.85	5.393	0.0028	-2.5 to 2.5	Pass
				30	3.85	-17.052	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-20.313	-0.0106	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-9.999	-0.0054	-2.5 to 2.5	Pass
					3.85	38.481	0.0208	-2.5 to 2.5	Pass
					4.43	29.168	0.0158	-2.5 to 2.5	Pass
				-30	3.85	11.902	0.0064	-2.5 to 2.5	Pass
				-20	3.85	32.372	0.0175	-2.5 to 2.5	Pass
				-10	3.85	43.788	0.0237	-2.5 to 2.5	Pass
				0	3.85	34.375	0.0186	-2.5 to 2.5	Pass
				10	3.85	23.317	0.0126	-2.5 to 2.5	Pass
				30	3.85	18.568	0.0100	-2.5 to 2.5	Pass
				40	3.85	6.652	0.0036	-2.5 to 2.5	Pass
				50	3.85	18.311	0.0099	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	12.360	0.0066	-2.5 to 2.5	Pass
					3.85	33.503	0.0178	-2.5 to 2.5	Pass
					4.43	52.128	0.0277	-2.5 to 2.5	Pass
				-30	3.85	28.338	0.0151	-2.5 to 2.5	Pass
				-20	3.85	7.253	0.0039	-2.5 to 2.5	Pass
				-10	3.85	34.146	0.0182	-2.5 to 2.5	Pass
				0	3.85	-8.726	-0.0046	-2.5 to 2.5	Pass
				10	3.85	12.889	0.0069	-2.5 to 2.5	Pass
				30	3.85	33.417	0.0178	-2.5 to 2.5	Pass
				40	3.85	27.537	0.0146	-2.5 to 2.5	Pass
				50	3.85	39.153	0.0208	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-18.282	-0.0096	-2.5 to 2.5	Pass
					3.85	-5.550	-0.0029	-2.5 to 2.5	Pass
					4.43	1.459	0.0008	-2.5 to 2.5	Pass
				-30	3.85	18.482	0.0097	-2.5 to 2.5	Pass
				-20	3.85	37.279	0.0195	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				0	3.85	15.221	0.0080	-2.5 to 2.5	Pass
				10	3.85	33.188	0.0174	-2.5 to 2.5	Pass
				30	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				40	3.85	8.769	0.0046	-2.5 to 2.5	Pass
				50	3.85	20.614	0.0108	-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	-21.601	-0.0117	-2.5 to 2.5	Pass
					3.85	-41.928	-0.0226	-2.5 to 2.5	Pass
					4.43	-19.326	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-21.715	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-36.249	-0.0196	-2.5 to 2.5	Pass
				0	3.85	-27.208	-0.0147	-2.5 to 2.5	Pass
				10	3.85	-27.194	-0.0147	-2.5 to 2.5	Pass

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Version: 1/00

16QAM	1880	25	0	30	3.85	-21.043	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-28.067	-0.0152	-2.5 to 2.5	Pass
				50	3.85	-44.546	-0.0240	-2.5 to 2.5	Pass
				20	3.27	33.817	0.0180	-2.5 to 2.5	Pass
					3.85	20.313	0.0108	-2.5 to 2.5	Pass
					4.43	12.217	0.0065	-2.5 to 2.5	Pass
				-30	3.85	-10.357	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				-10	3.85	36.092	0.0192	-2.5 to 2.5	Pass
	1907.5	25	0	0	3.85	18.954	0.0101	-2.5 to 2.5	Pass
				10	3.85	38.795	0.0206	-2.5 to 2.5	Pass
				30	3.85	24.590	0.0131	-2.5 to 2.5	Pass
				40	3.85	47.150	0.0251	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				20	3.27	13.819	0.0072	-2.5 to 2.5	Pass
					3.85	7.482	0.0039	-2.5 to 2.5	Pass
					4.43	-37.951	-0.0199	-2.5 to 2.5	Pass
				-30	3.85	-12.875	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	6.952	0.0036	-2.5 to 2.5	Pass
				0	3.85	8.869	0.0046	-2.5 to 2.5	Pass
				10	3.85	13.161	0.0069	-2.5 to 2.5	Pass
				30	3.85	20.142	0.0106	-2.5 to 2.5	Pass
				40	3.85	19.026	0.0100	-2.5 to 2.5	Pass
				50	3.85	20.785	0.0109	-2.5 to 2.5	Pass
	1852.5	25	0	20	3.27	19.498	0.0105	-2.5 to 2.5	Pass
					3.85	40.884	0.0221	-2.5 to 2.5	Pass
					4.43	25.864	0.0140	-2.5 to 2.5	Pass
				-30	3.85	33.646	0.0182	-2.5 to 2.5	Pass
				-20	3.85	33.832	0.0183	-2.5 to 2.5	Pass
				-10	3.85	32.487	0.0175	-2.5 to 2.5	Pass
				0	3.85	25.706	0.0139	-2.5 to 2.5	Pass
				10	3.85	7.854	0.0042	-2.5 to 2.5	Pass
				30	3.85	37.208	0.0201	-2.5 to 2.5	Pass
				40	3.85	19.856	0.0107	-2.5 to 2.5	Pass
				50	3.85	1.745	0.0009	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	16.465	0.0088	-2.5 to 2.5	Pass
					3.85	29.254	0.0156	-2.5 to 2.5	Pass
					4.43	45.748	0.0243	-2.5 to 2.5	Pass
				-30	3.85	21.672	0.0115	-2.5 to 2.5	Pass
				-20	3.85	40.441	0.0215	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
				0	3.85	11.172	0.0059	-2.5 to 2.5	Pass
				10	3.85	31.099	0.0165	-2.5 to 2.5	Pass
				30	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				40	3.85	16.937	0.0090	-2.5 to 2.5	Pass
				50	3.85	30.599	0.0163	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	26.307	0.0138	-2.5 to 2.5	Pass
					3.85	23.575	0.0124	-2.5 to 2.5	Pass
					4.43	21.000	0.0110	-2.5 to 2.5	Pass
				-30	3.85	30.041	0.0157	-2.5 to 2.5	Pass
				-20	3.85	5.836	0.0031	-2.5 to 2.5	Pass
				-10	3.85	13.790	0.0072	-2.5 to 2.5	Pass
				0	3.85	27.165	0.0142	-2.5 to 2.5	Pass
				10	3.85	39.124	0.0205	-2.5 to 2.5	Pass
				30	3.85	-15.879	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.85	12.031	0.0063	-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	-8.526	-0.0046	-2.5 to 2.5	Pass
					3.85	-27.866	-0.0150	-2.5 to 2.5	Pass
					4.43	-18.568	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-21.744	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-20.070	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-24.433	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-26.636	-0.0144	-2.5 to 2.5	Pass
				10	3.85	25.978	0.0140	-2.5 to 2.5	Pass
				30	3.85	18.554	0.0100	-2.5 to 2.5	Pass
				40	3.85	25.806	0.0139	-2.5 to 2.5	Pass
				50	3.85	32.187	0.0174	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	27.909	0.0148	-2.5 to 2.5	Pass
					3.85	-25.520	-0.0136	-2.5 to 2.5	Pass
					4.43	-31.028	-0.0165	-2.5 to 2.5	Pass
				-30	3.85	-35.048	-0.0186	-2.5 to 2.5	Pass
				-20	3.85	-37.580	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-28.195	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-27.566	-0.0147	-2.5 to 2.5	Pass
				10	3.85	26.493	0.0141	-2.5 to 2.5	Pass
				30	3.85	25.992	0.0138	-2.5 to 2.5	Pass
				40	3.85	26.293	0.0140	-2.5 to 2.5	Pass
				50	3.85	26.436	0.0141	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-16.565	-0.0087	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
					4.43	17.281	0.0091	-2.5 to 2.5	Pass
				-30	3.85	33.603	0.0176	-2.5 to 2.5	Pass
				-20	3.85	42.729	0.0224	-2.5 to 2.5	Pass
				-10	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				0	3.85	5.007	0.0026	-2.5 to 2.5	Pass
				10	3.85	9.041	0.0047	-2.5 to 2.5	Pass
				30	3.85	14.176	0.0074	-2.5 to 2.5	Pass
				40	3.85	11.802	0.0062	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	16.665	0.0090	-2.5 to 2.5	Pass
					3.85	30.527	0.0165	-2.5 to 2.5	Pass
					4.43	43.702	0.0236	-2.5 to 2.5	Pass
				-30	3.85	35.462	0.0191	-2.5 to 2.5	Pass
				-20	3.85	14.863	0.0080	-2.5 to 2.5	Pass
				-10	3.85	32.043	0.0173	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0038	-2.5 to 2.5	Pass
				10	3.85	5.822	0.0031	-2.5 to 2.5	Pass
				30	3.85	45.261	0.0244	-2.5 to 2.5	Pass
				40	3.85	3.462	0.0019	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	4.821	0.0026	-2.5 to 2.5	Pass
					3.85	24.347	0.0130	-2.5 to 2.5	Pass
					4.43	32.716	0.0174	-2.5 to 2.5	Pass
				-30	3.85	26.937	0.0143	-2.5 to 2.5	Pass
				-20	3.85	2.160	0.0011	-2.5 to 2.5	Pass
				-10	3.85	27.423	0.0146	-2.5 to 2.5	Pass
				0	3.85	27.394	0.0146	-2.5 to 2.5	Pass
				10	3.85	34.647	0.0184	-2.5 to 2.5	Pass
				30	3.85	17.180	0.0091	-2.5 to 2.5	Pass
				40	3.85	28.338	0.0151	-2.5 to 2.5	Pass

	1905	50	0	50	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				20	3.27	15.478	0.0081	-2.5 to 2.5	Pass
					3.85	17.238	0.0090	-2.5 to 2.5	Pass
					4.43	32.516	0.0171	-2.5 to 2.5	Pass
				-30	3.85	45.676	0.0240	-2.5 to 2.5	Pass
				-20	3.85	17.581	0.0092	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-38.610	-0.0203	-2.5 to 2.5	Pass
				10	3.85	-14.377	-0.0075	-2.5 to 2.5	Pass
				30	3.85	12.717	0.0067	-2.5 to 2.5	Pass
				40	3.85	40.855	0.0214	-2.5 to 2.5	Pass
				50	3.85	30.842	0.0162	-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	-23.103	-0.0124	-2.5 to 2.5	Pass
					3.85	-24.462	-0.0132	-2.5 to 2.5	Pass
					4.43	-22.073	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-31.900	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-19.770	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				0	3.85	20.428	0.0110	-2.5 to 2.5	Pass
				10	3.85	31.300	0.0169	-2.5 to 2.5	Pass
				30	3.85	24.276	0.0131	-2.5 to 2.5	Pass
				40	3.85	25.020	0.0135	-2.5 to 2.5	Pass
				50	3.85	33.731	0.0182	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-24.590	-0.0131	-2.5 to 2.5	Pass
					3.85	-22.316	-0.0119	-2.5 to 2.5	Pass
					4.43	9.685	0.0052	-2.5 to 2.5	Pass
				-30	3.85	33.159	0.0176	-2.5 to 2.5	Pass
				-20	3.85	-9.241	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	8.211	0.0044	-2.5 to 2.5	Pass
				0	3.85	13.876	0.0074	-2.5 to 2.5	Pass
				10	3.85	21.772	0.0116	-2.5 to 2.5	Pass
				30	3.85	24.076	0.0128	-2.5 to 2.5	Pass
				40	3.85	32.644	0.0174	-2.5 to 2.5	Pass
				50	3.85	9.685	0.0052	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	12.403	0.0065	-2.5 to 2.5	Pass
					3.85	21.429	0.0113	-2.5 to 2.5	Pass
					4.43	24.719	0.0130	-2.5 to 2.5	Pass
				-30	3.85	23.890	0.0126	-2.5 to 2.5	Pass
				-20	3.85	13.304	0.0070	-2.5 to 2.5	Pass
				-10	3.85	8.440	0.0044	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-12.345	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-12.288	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-28.539	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-19.755	-0.0104	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	15.421	0.0083	-2.5 to 2.5	Pass
					3.85	20.771	0.0112	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	33.960	0.0183	-2.5 to 2.5	Pass
				-20	3.85	22.559	0.0121	-2.5 to 2.5	Pass
				-10	3.85	41.571	0.0224	-2.5 to 2.5	Pass
				0	3.85	21.744	0.0117	-2.5 to 2.5	Pass

				10	3.85	26.135	0.0141	-2.5 to 2.5	Pass
				30	3.85	15.006	0.0081	-2.5 to 2.5	Pass
				40	3.85	42.901	0.0231	-2.5 to 2.5	Pass
				50	3.85	23.203	0.0125	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	13.819	0.0074	-2.5 to 2.5	Pass
					3.85	23.332	0.0124	-2.5 to 2.5	Pass
					4.43	20.142	0.0107	-2.5 to 2.5	Pass
				-30	3.85	35.706	0.0190	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-49.067	-0.0261	-2.5 to 2.5	Pass
				0	3.85	-36.578	-0.0195	-2.5 to 2.5	Pass
				10	3.85	-17.610	-0.0094	-2.5 to 2.5	Pass
				30	3.85	5.879	0.0031	-2.5 to 2.5	Pass
				40	3.85	13.204	0.0070	-2.5 to 2.5	Pass
				50	3.85	26.951	0.0143	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-13.218	-0.0069	-2.5 to 2.5	Pass
					3.85	-4.048	-0.0021	-2.5 to 2.5	Pass
					4.43	18.840	0.0099	-2.5 to 2.5	Pass
				-30	3.85	39.225	0.0206	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	21.057	0.0111	-2.5 to 2.5	Pass
				0	3.85	35.377	0.0186	-2.5 to 2.5	Pass
				10	3.85	17.710	0.0093	-2.5 to 2.5	Pass
				30	3.85	36.178	0.0190	-2.5 to 2.5	Pass
				40	3.85	39.325	0.0207	-2.5 to 2.5	Pass
				50	3.85	-4.463	-0.0023	-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	-30.456	-0.0164	-2.5 to 2.5	Pass
					3.85	-25.477	-0.0137	-2.5 to 2.5	Pass
					4.43	-22.788	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-26.522	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-3.834	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-30.413	-0.0164	-2.5 to 2.5	Pass
				0	3.85	-19.112	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-21.958	-0.0118	-2.5 to 2.5	Pass
				30	3.85	-19.627	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-49.653	-0.0267	-2.5 to 2.5	Pass
				50	3.85	20.370	0.0110	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	16.050	0.0085	-2.5 to 2.5	Pass
					3.85	12.059	0.0064	-2.5 to 2.5	Pass
					4.43	-33.431	-0.0178	-2.5 to 2.5	Pass
				-30	3.85	5.965	0.0032	-2.5 to 2.5	Pass
				-20	3.85	40.326	0.0215	-2.5 to 2.5	Pass
				-10	3.85	13.247	0.0070	-2.5 to 2.5	Pass
				0	3.85	35.305	0.0188	-2.5 to 2.5	Pass
				10	3.85	40.941	0.0218	-2.5 to 2.5	Pass
				30	3.85	12.431	0.0066	-2.5 to 2.5	Pass
				40	3.85	19.941	0.0106	-2.5 to 2.5	Pass
				50	3.85	36.607	0.0195	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	4.921	0.0026	-2.5 to 2.5	Pass
					3.85	11.873	0.0062	-2.5 to 2.5	Pass
					4.43	10.357	0.0055	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass

				-20	3.85	-5.393	-0.0028	-2.5 to 2.5	Pass	
				-10	3.85	-36.478	-0.0192	-2.5 to 2.5	Pass	
				0	3.85	10.772	0.0057	-2.5 to 2.5	Pass	
				10	3.85	23.618	0.0124	-2.5 to 2.5	Pass	
				30	3.85	34.375	0.0181	-2.5 to 2.5	Pass	
				40	3.85	-10.686	-0.0056	-2.5 to 2.5	Pass	
				50	3.85	-6.337	-0.0033	-2.5 to 2.5	Pass	
16QAM	1860	100	0	20	3.27	28.696	0.0154	-2.5 to 2.5	Pass	
					3.85	27.924	0.0150	-2.5 to 2.5	Pass	
					4.43	17.595	0.0095	-2.5 to 2.5	Pass	
				-30	3.85	25.120	0.0135	-2.5 to 2.5	Pass	
				-20	3.85	29.783	0.0160	-2.5 to 2.5	Pass	
				-10	3.85	30.055	0.0162	-2.5 to 2.5	Pass	
				0	3.85	8.454	0.0045	-2.5 to 2.5	Pass	
				10	3.85	26.522	0.0143	-2.5 to 2.5	Pass	
				30	3.85	31.471	0.0169	-2.5 to 2.5	Pass	
				40	3.85	22.817	0.0123	-2.5 to 2.5	Pass	
	50	3.85	24.261	0.0130	-2.5 to 2.5	Pass				
				0	20	3.27	34.676	0.0184	-2.5 to 2.5	Pass
						3.85	28.253	0.0150	-2.5 to 2.5	Pass
						4.43	41.442	0.0220	-2.5 to 2.5	Pass
					-30	3.85	24.505	0.0130	-2.5 to 2.5	Pass
					-20	3.85	-21.000	-0.0112	-2.5 to 2.5	Pass
					-10	3.85	15.206	0.0081	-2.5 to 2.5	Pass
					0	3.85	3.819	0.0020	-2.5 to 2.5	Pass
					10	3.85	44.074	0.0234	-2.5 to 2.5	Pass
					30	3.85	16.737	0.0089	-2.5 to 2.5	Pass
					40	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
	50	3.85	14.119	0.0075	-2.5 to 2.5	Pass				
				0	20	3.27	-5.393	-0.0028	-2.5 to 2.5	Pass
						3.85	0.000	0.0000	-2.5 to 2.5	Pass
						4.43	17.295	0.0091	-2.5 to 2.5	Pass
					-30	3.85	-22.087	-0.0116	-2.5 to 2.5	Pass
					-20	3.85	-30.599	-0.0161	-2.5 to 2.5	Pass
					-10	3.85	-26.751	-0.0141	-2.5 to 2.5	Pass
					0	3.85	-27.409	-0.0144	-2.5 to 2.5	Pass
					10	3.85	-21.873	-0.0115	-2.5 to 2.5	Pass
30					3.85	-28.496	-0.0150	-2.5 to 2.5	Pass	
40					3.85	-24.962	-0.0131	-2.5 to 2.5	Pass	
50	3.85	-17.767	-0.0094	-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 / NTVN						
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 / NTVN						
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

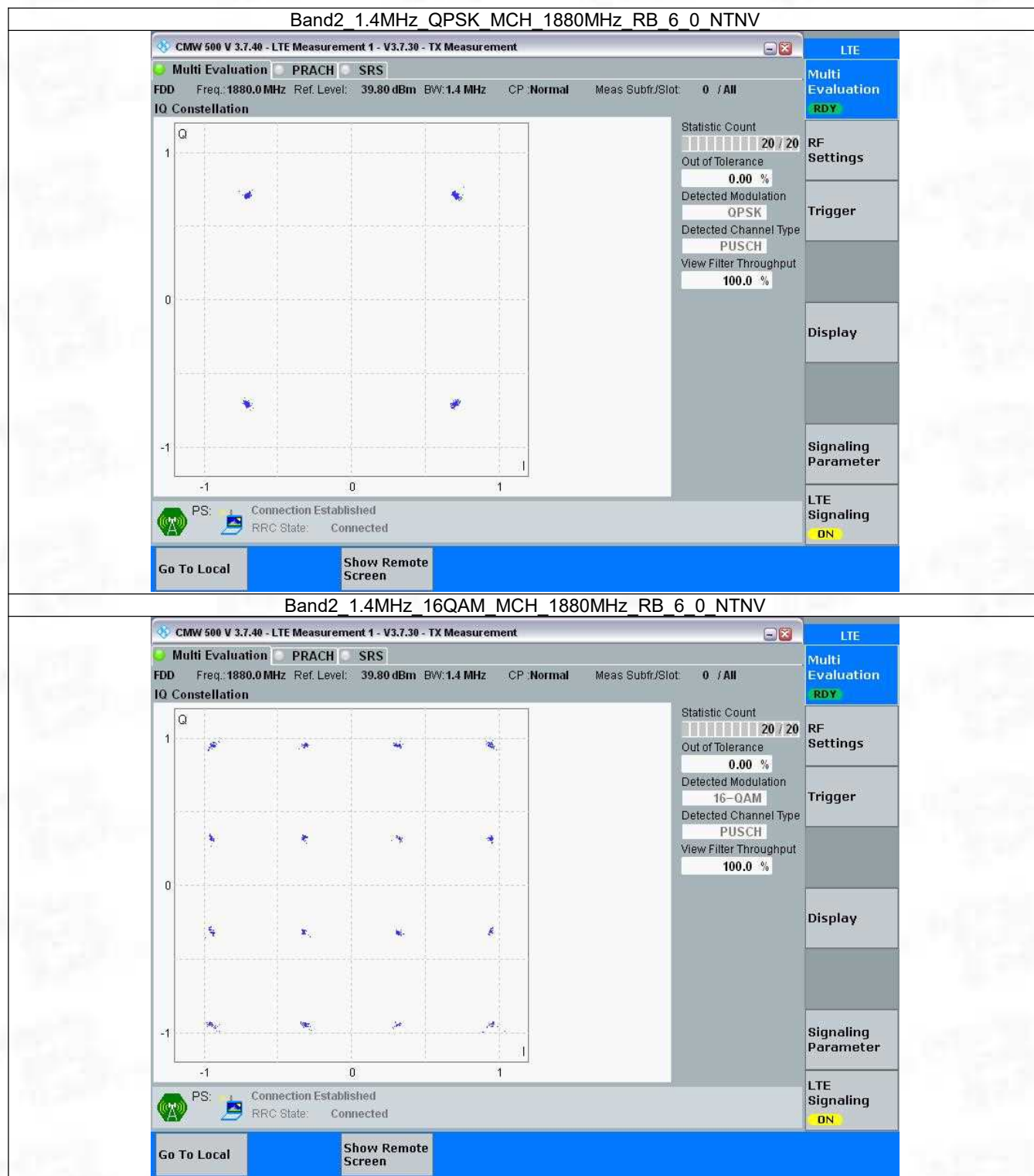
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

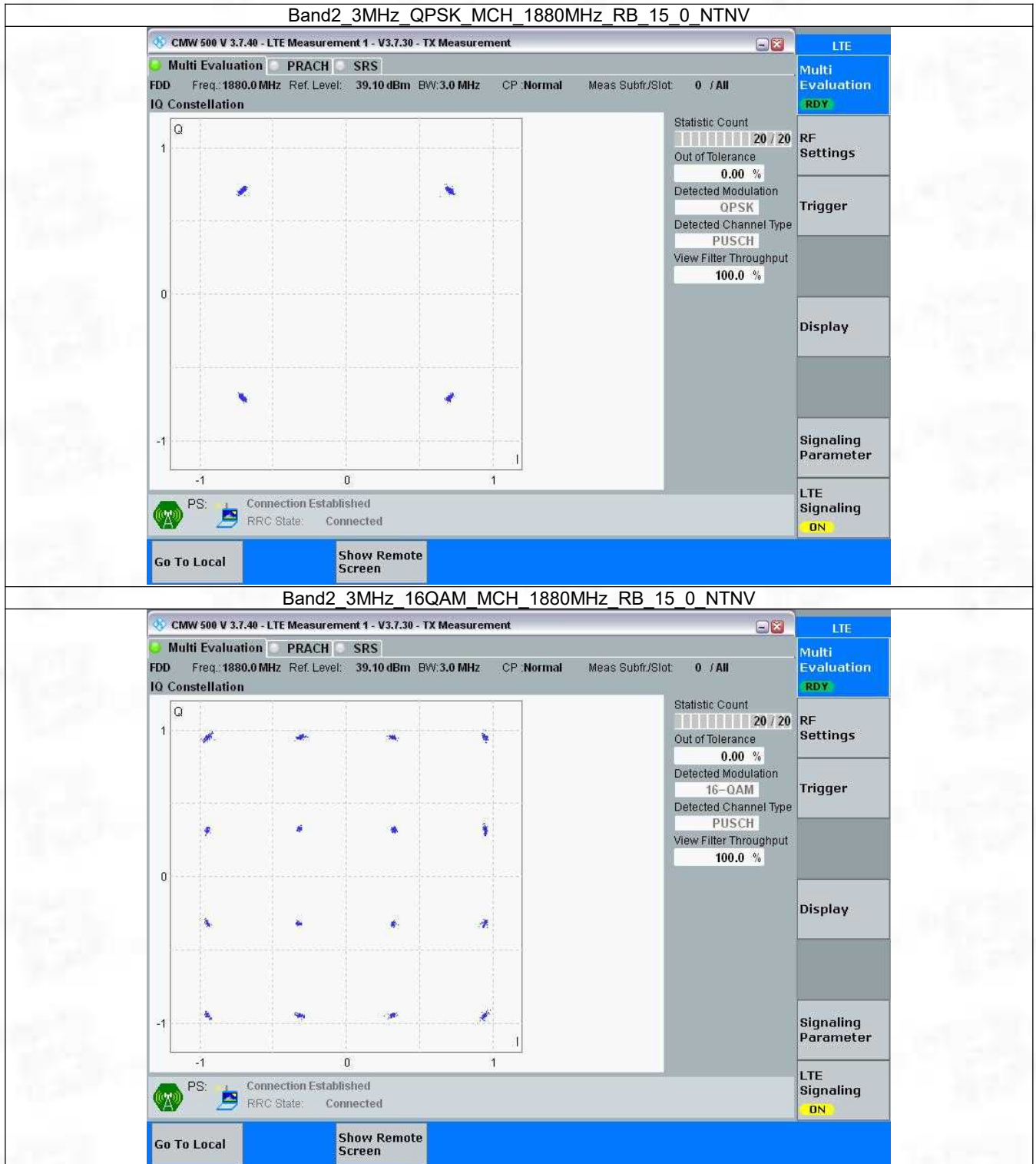
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

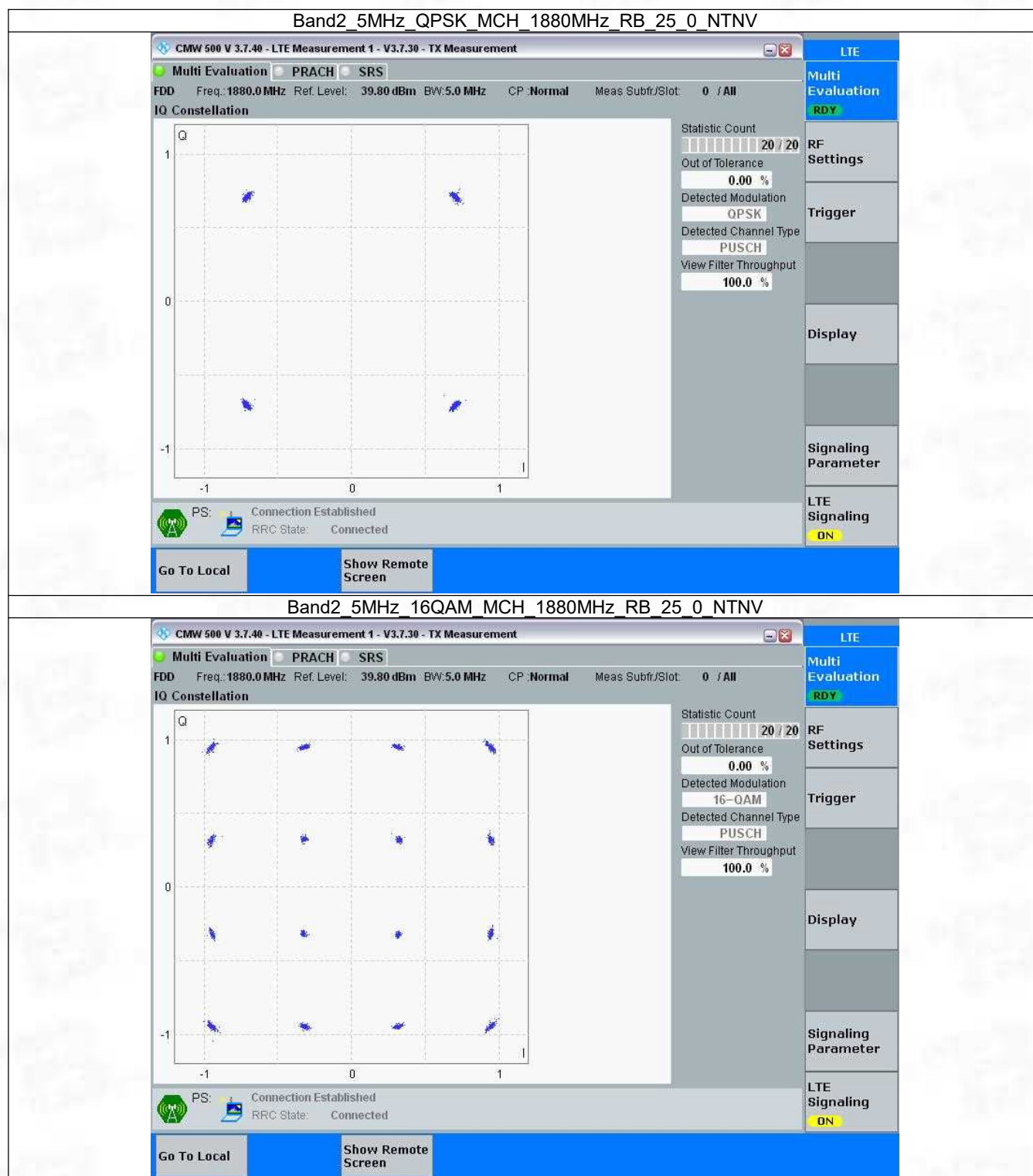
3.2.1 B2_1.4MHz



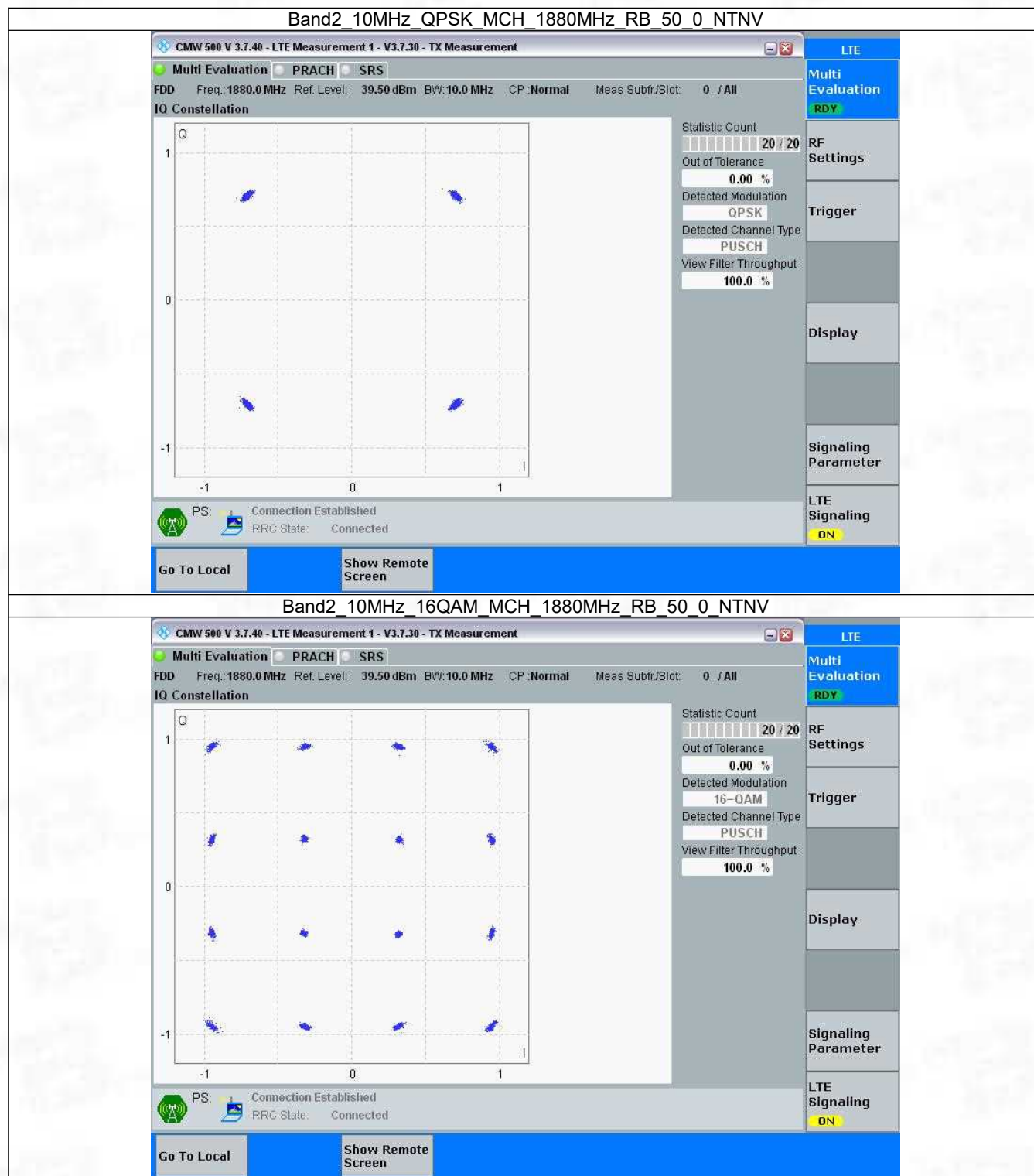
3.2.2 B2_3MHz



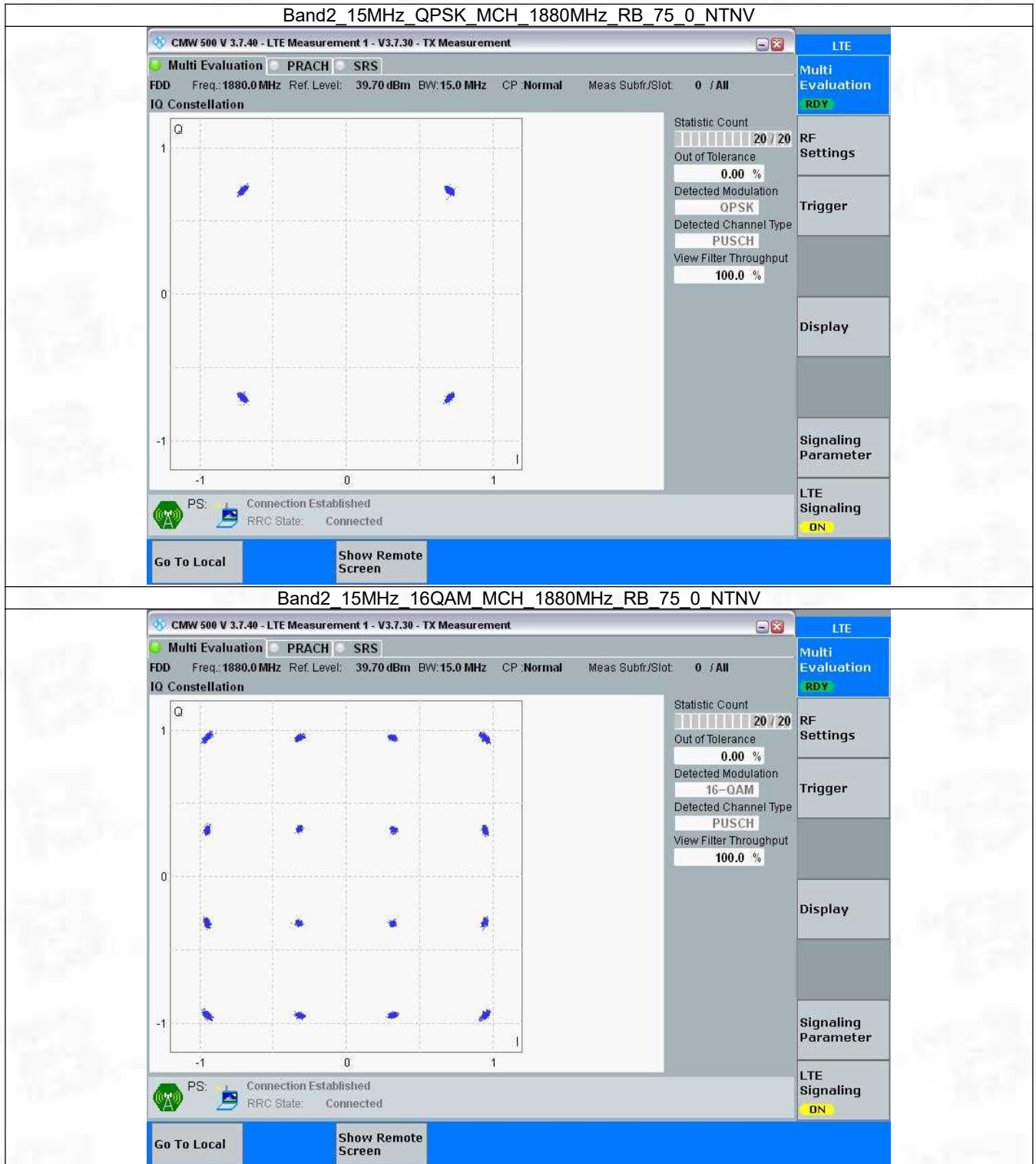
3.2.3 B2_5MHz



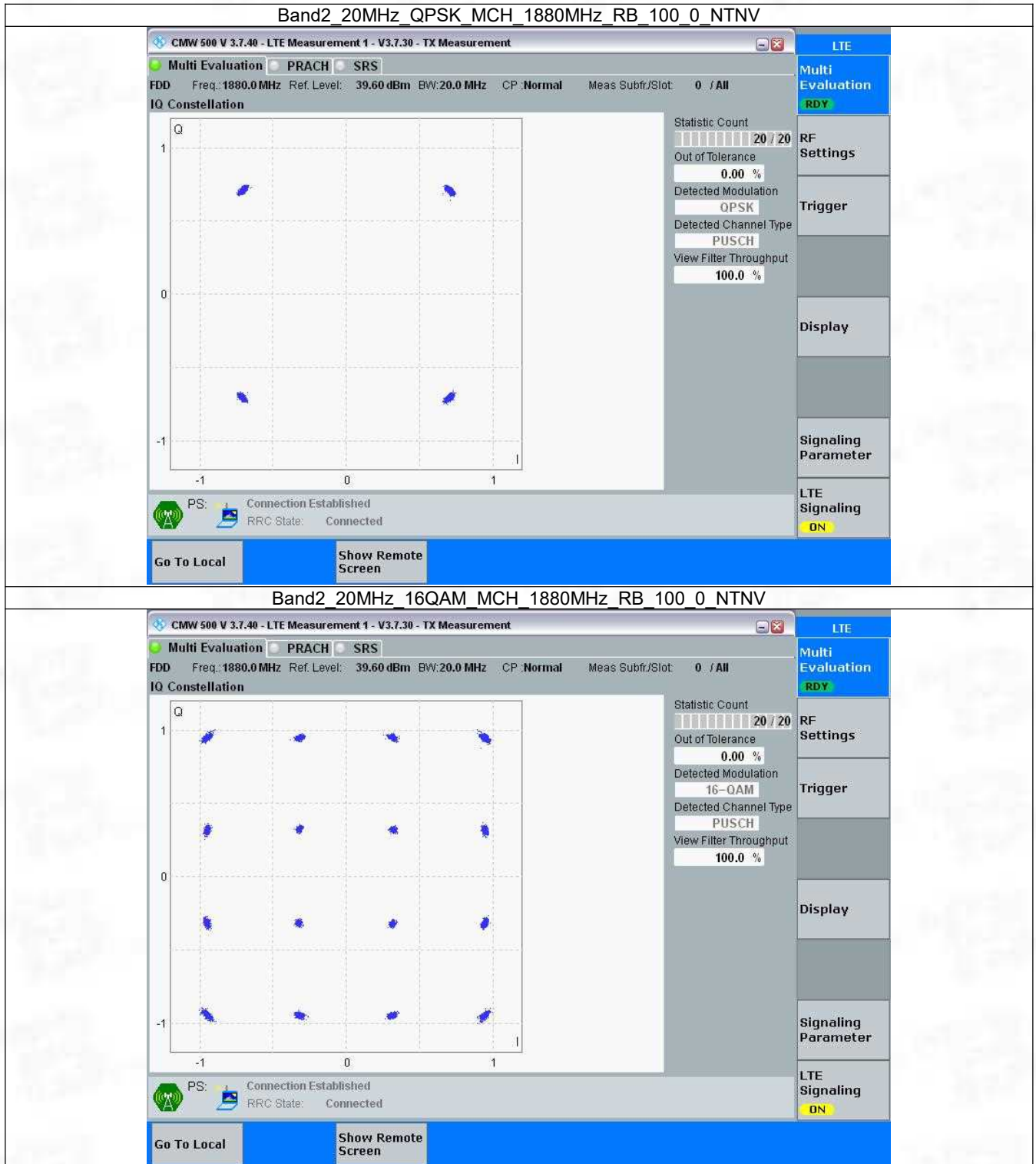
3.2.4 B2_10MHz



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 / NTNV							
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	1.110	/	Pass
		1909.3	6	0	1.114	/	Pass
	16QAM	1850.7	6	0	1.110	/	Pass
		1880	6	0	1.105	/	Pass
		1909.3	6	0	1.124	/	Pass
3	QPSK	1851.5	15	0	2.762	/	Pass
		1880	15	0	2.748	/	Pass
		1908.5	15	0	2.752	/	Pass
	16QAM	1851.5	15	0	2.761	/	Pass
		1880	15	0	2.759	/	Pass
		1908.5	15	0	2.767	/	Pass
5	QPSK	1852.5	25	0	4.575	/	Pass
		1880	25	0	4.556	/	Pass
		1907.5	25	0	4.549	/	Pass
	16QAM	1852.5	25	0	4.556	/	Pass
		1880	25	0	4.566	/	Pass
		1907.5	25	0	4.558	/	Pass
10	QPSK	1855	50	0	9.059	/	Pass
		1880	50	0	9.045	/	Pass
		1905	50	0	9.043	/	Pass
	16QAM	1855	50	0	9.072	/	Pass
		1880	50	0	9.057	/	Pass
		1905	50	0	9.079	/	Pass
15	QPSK	1857.5	75	0	13.627	/	Pass
		1880	75	0	13.575	/	Pass
		1902.5	75	0	13.593	/	Pass
	16QAM	1857.5	75	0	13.586	/	Pass
		1880	75	0	13.640	/	Pass
		1902.5	75	0	13.623	/	Pass
20	QPSK	1860	100	0	18.118	/	Pass
		1880	100	0	18.177	/	Pass
		1900	100	0	18.155	/	Pass
	16QAM	1860	100	0	18.118	/	Pass
		1880	100	0	18.135	/	Pass
		1900	100	0	18.125	/	Pass

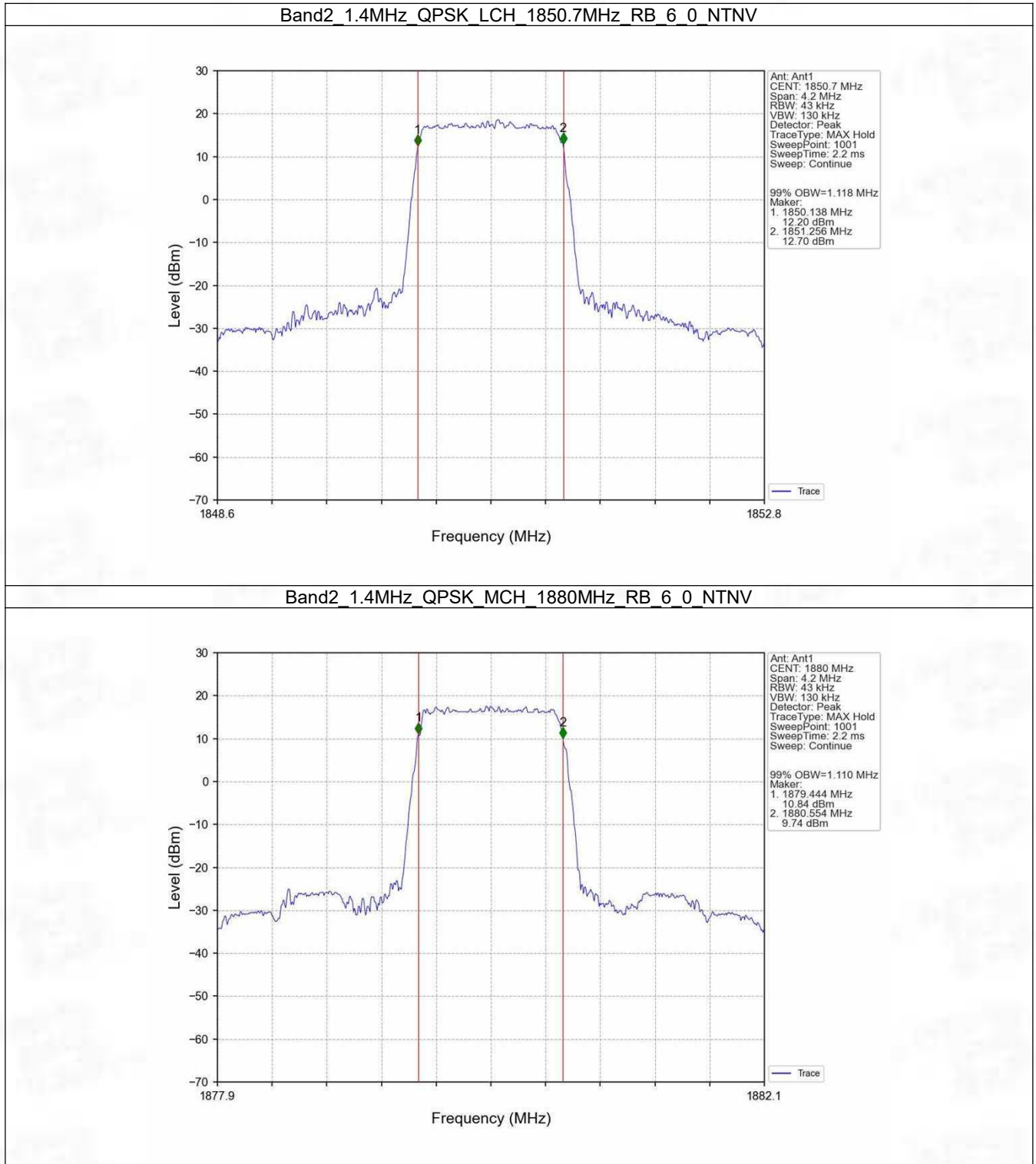
4.1.2 Band2_XDB

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.266	/	Pass
		1880	6	0	1.268	/	Pass
		1909.3	6	0	1.278	/	Pass

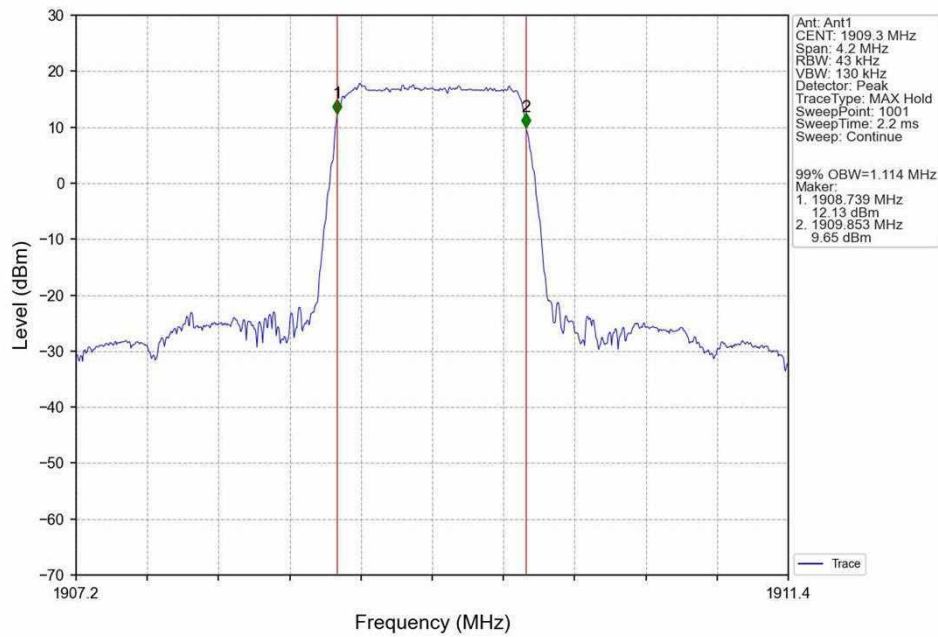
	16QAM	1850.7	6	0	1.276	/	Pass
		1880	6	0	1.267	/	Pass
		1909.3	6	0	1.281	/	Pass
3	QPSK	1851.5	15	0	3.104	/	Pass
		1880	15	0	3.092	/	Pass
		1908.5	15	0	3.101	/	Pass
	16QAM	1851.5	15	0	3.105	/	Pass
		1880	15	0	3.073	/	Pass
		1908.5	15	0	3.110	/	Pass
5	QPSK	1852.5	25	0	5.076	/	Pass
		1880	25	0	5.047	/	Pass
		1907.5	25	0	5.075	/	Pass
	16QAM	1852.5	25	0	5.039	/	Pass
		1880	25	0	5.074	/	Pass
		1907.5	25	0	5.070	/	Pass
10	QPSK	1855	50	0	10.049	/	Pass
		1880	50	0	10.003	/	Pass
		1905	50	0	10.044	/	Pass
	16QAM	1855	50	0	10.029	/	Pass
		1880	50	0	10.017	/	Pass
		1905	50	0	10.016	/	Pass
15	QPSK	1857.5	75	0	15.197	/	Pass
		1880	75	0	15.179	/	Pass
		1902.5	75	0	15.146	/	Pass
	16QAM	1857.5	75	0	15.107	/	Pass
		1880	75	0	15.059	/	Pass
		1902.5	75	0	15.192	/	Pass
20	QPSK	1860	100	0	20.067	/	Pass
		1880	100	0	20.106	/	Pass
		1900	100	0	20.042	/	Pass
	16QAM	1860	100	0	19.996	/	Pass
		1880	100	0	20.046	/	Pass
		1900	100	0	20.125	/	Pass

4.2 Test Graph

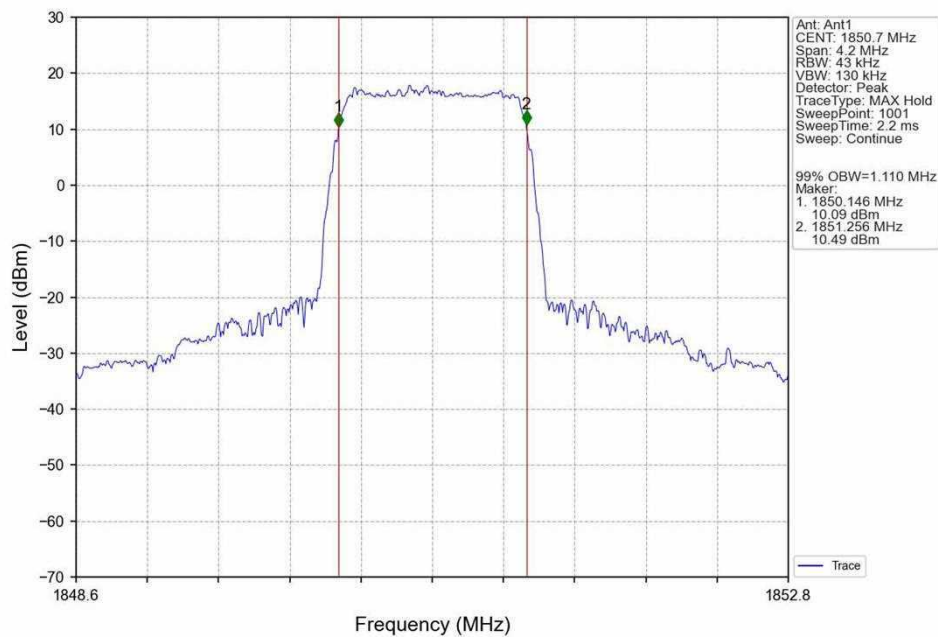
4.2.1 Band2_OBW



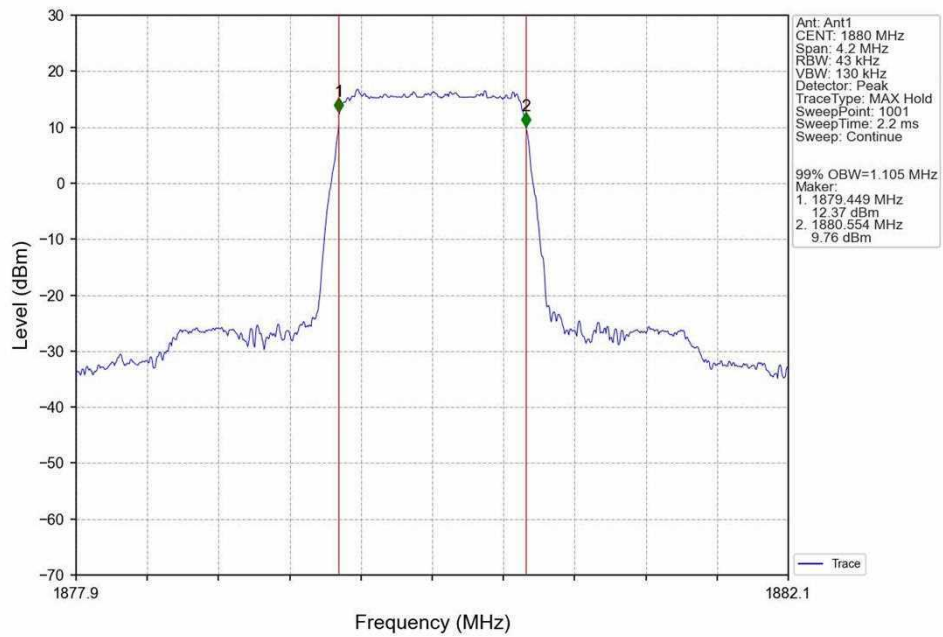
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



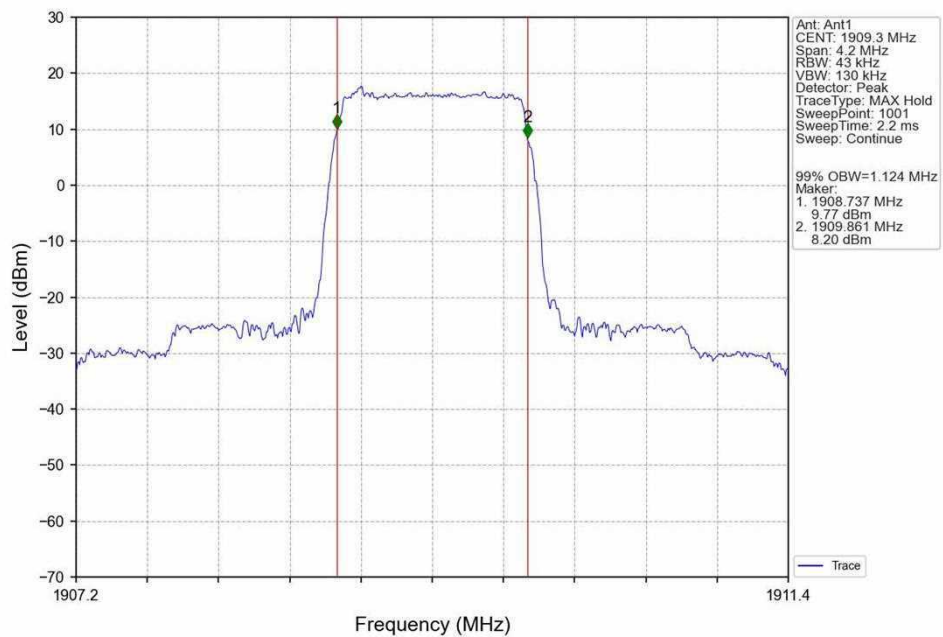
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



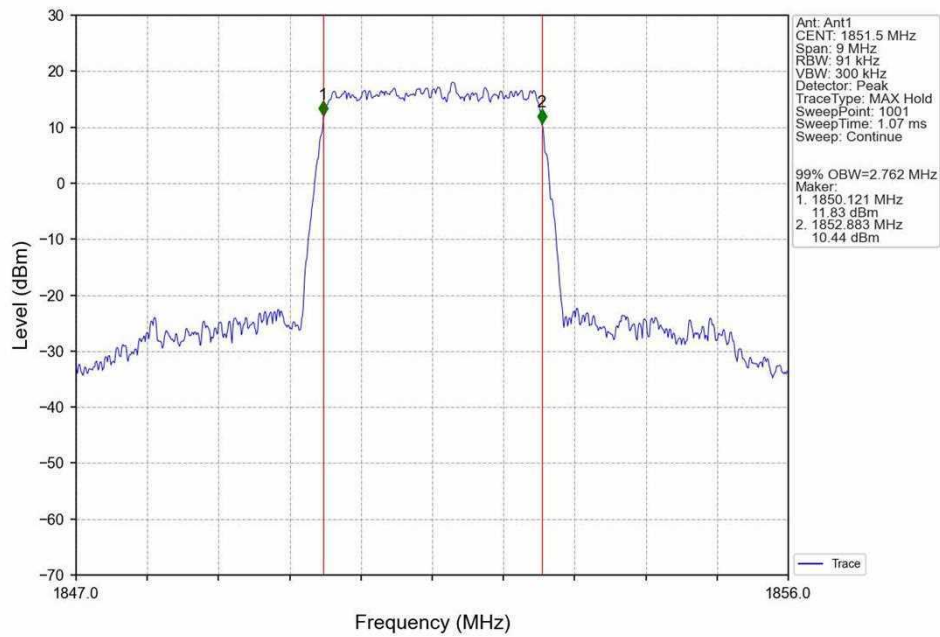
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



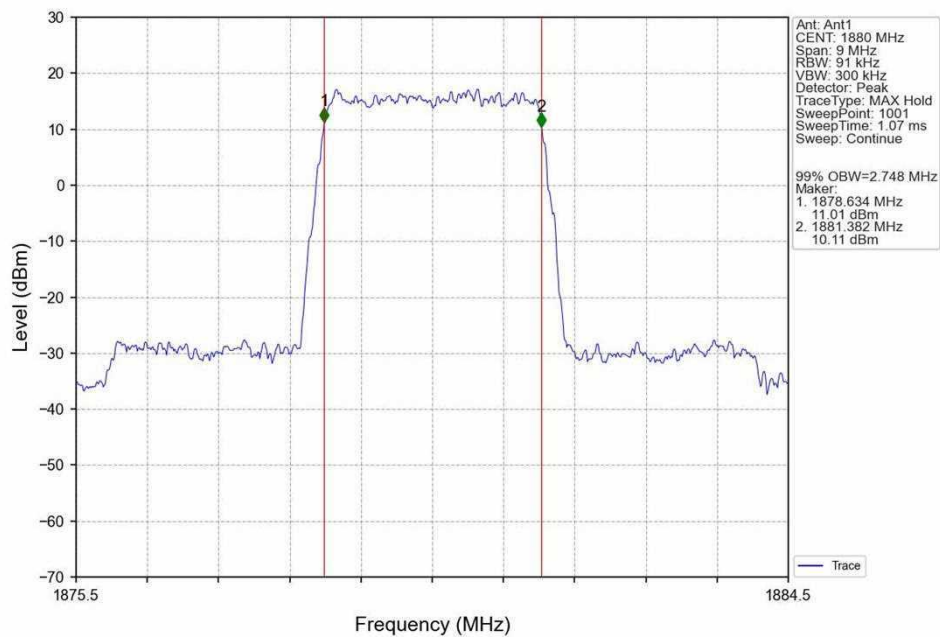
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



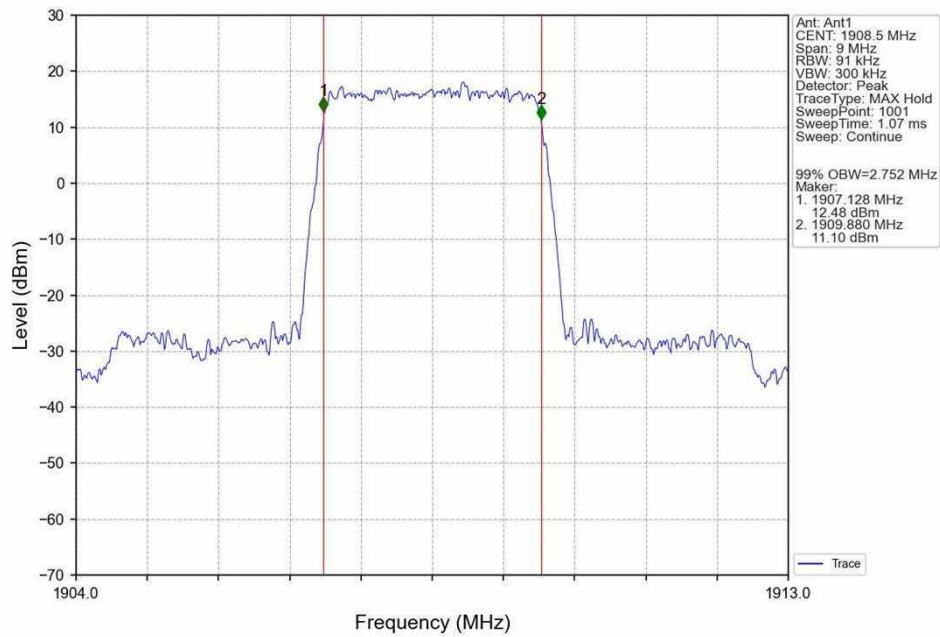
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



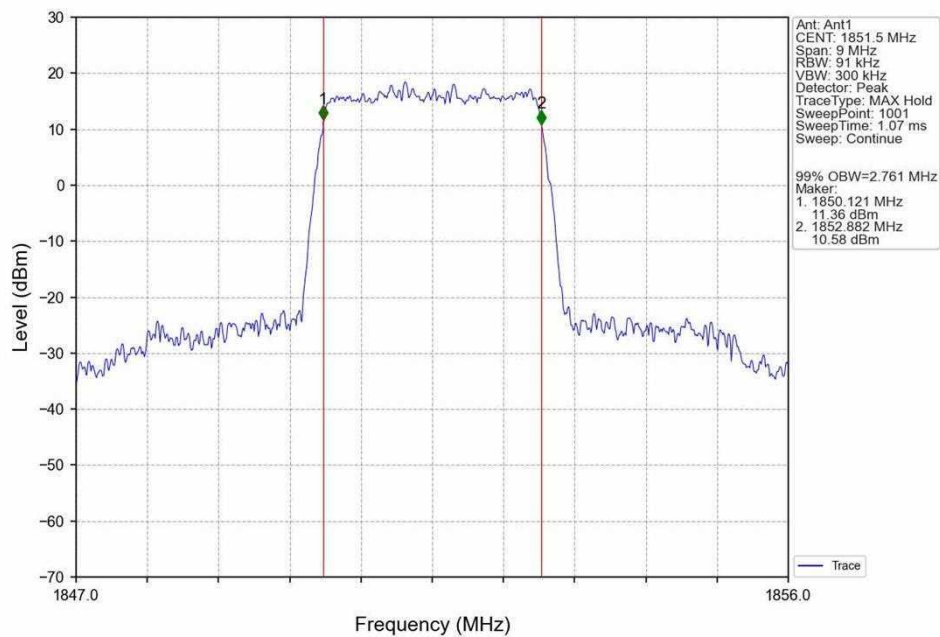
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



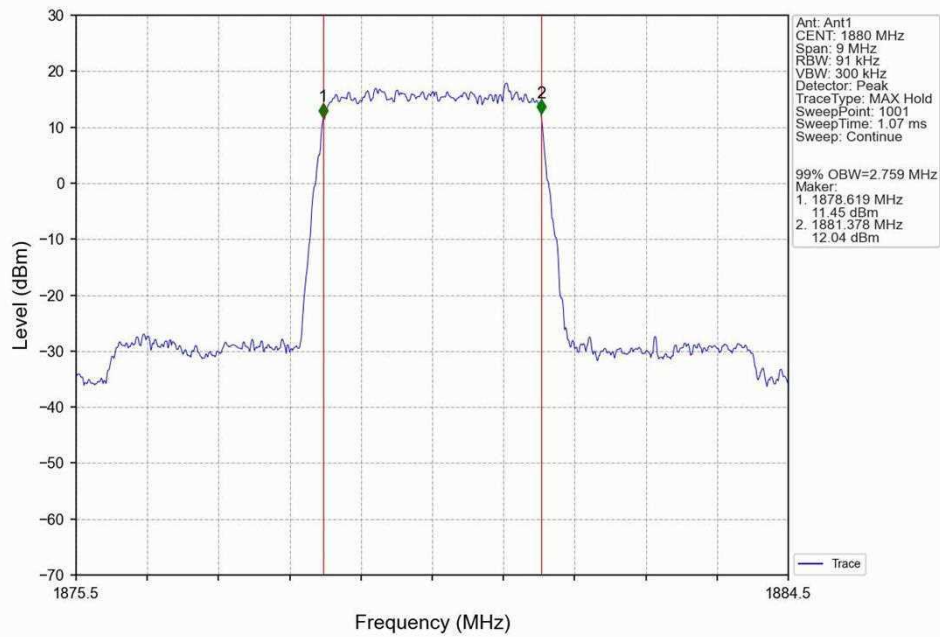
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



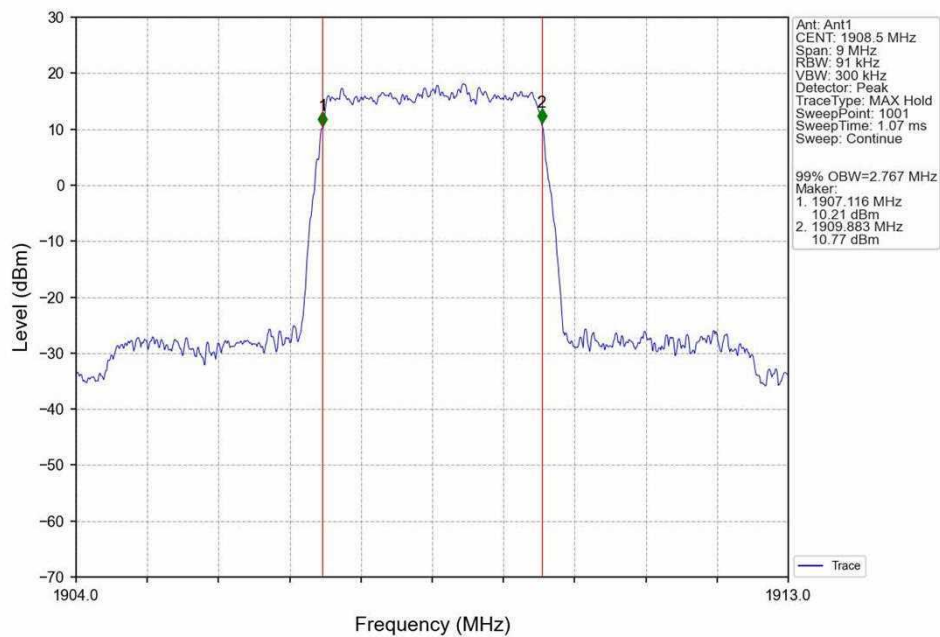
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



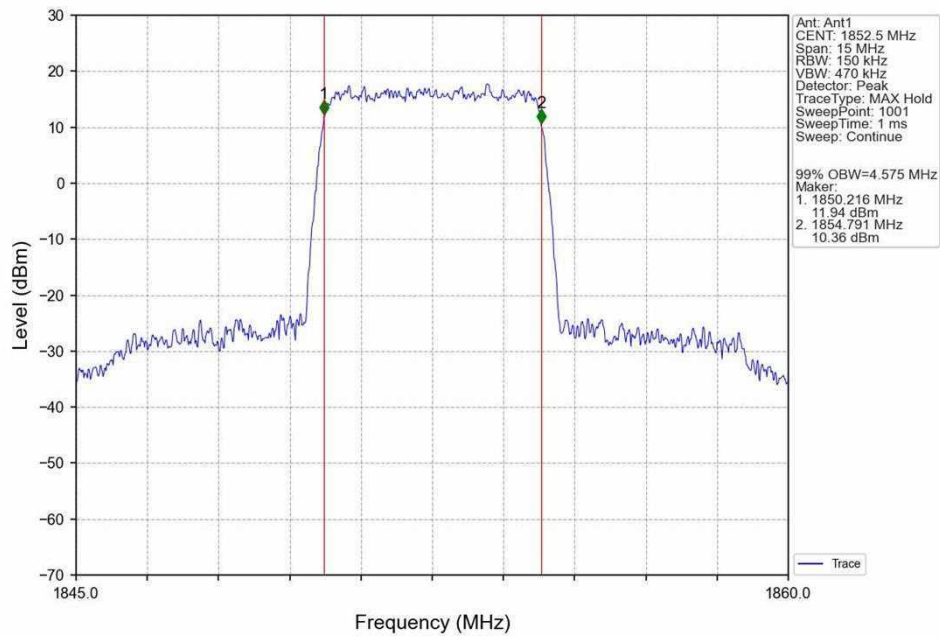
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



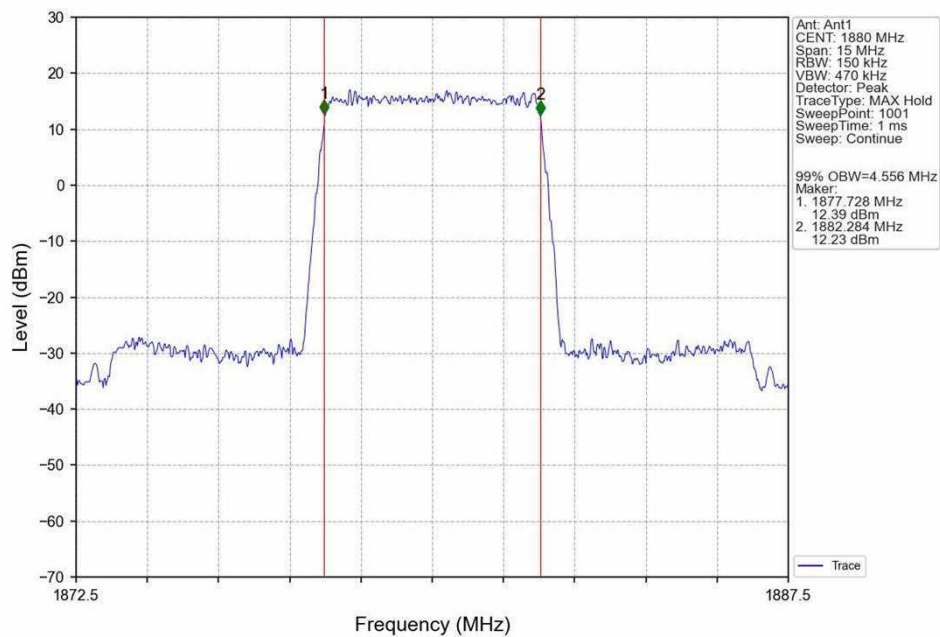
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



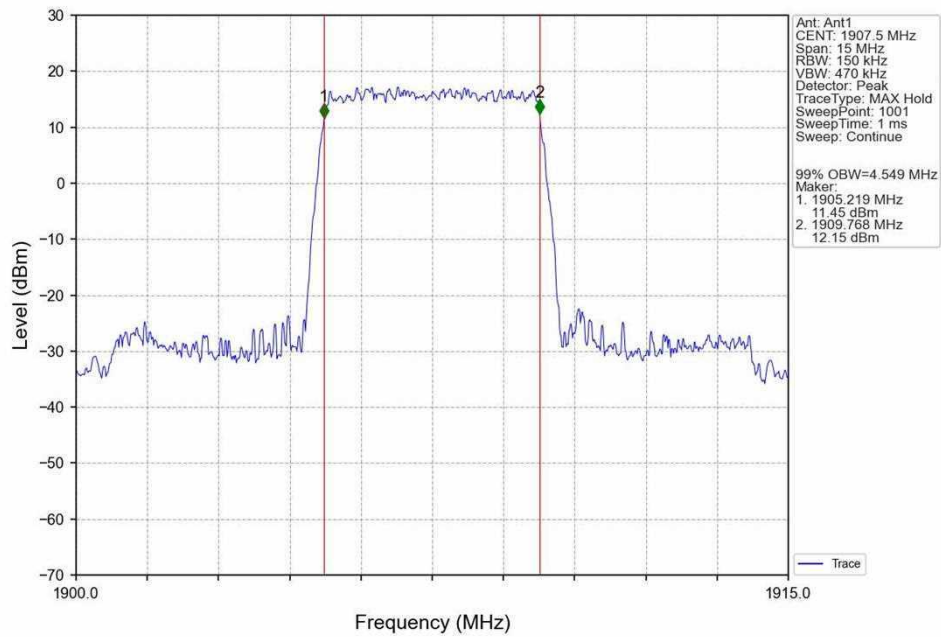
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



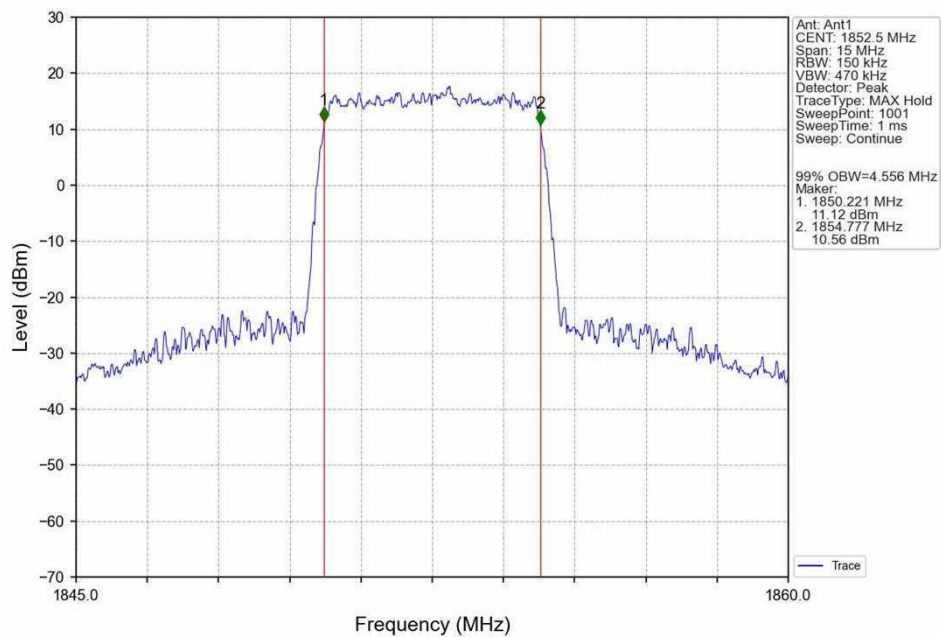
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



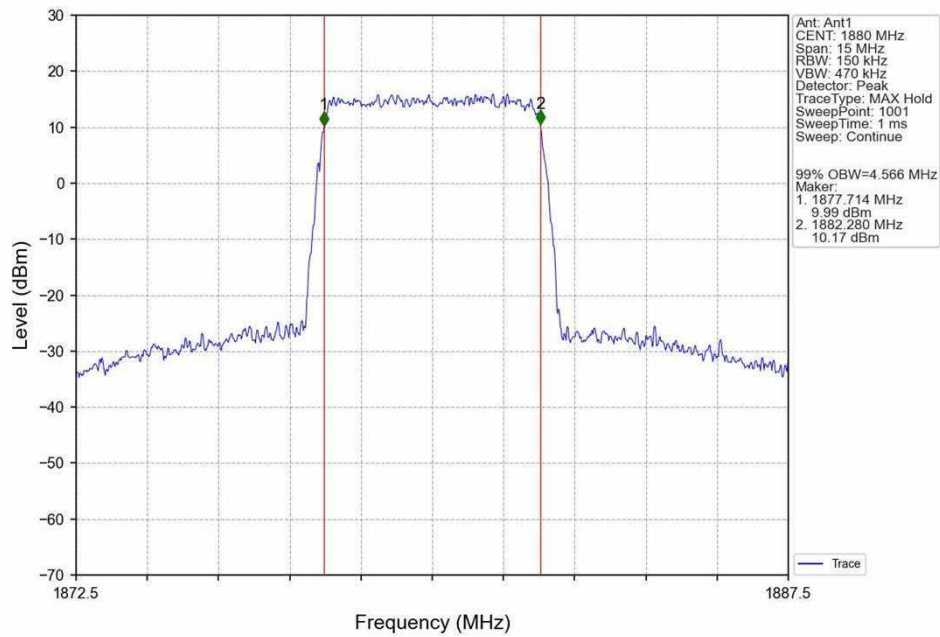
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



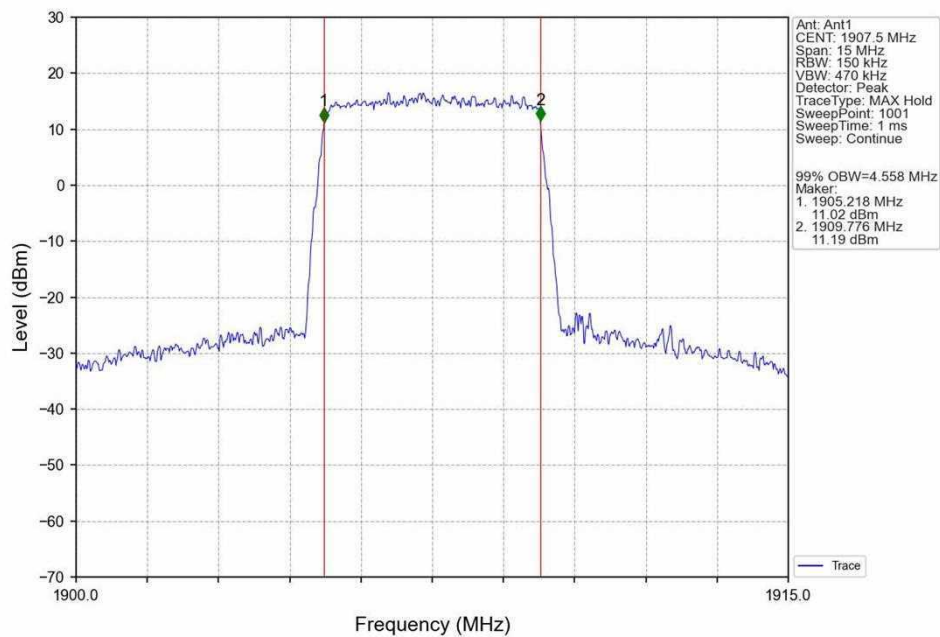
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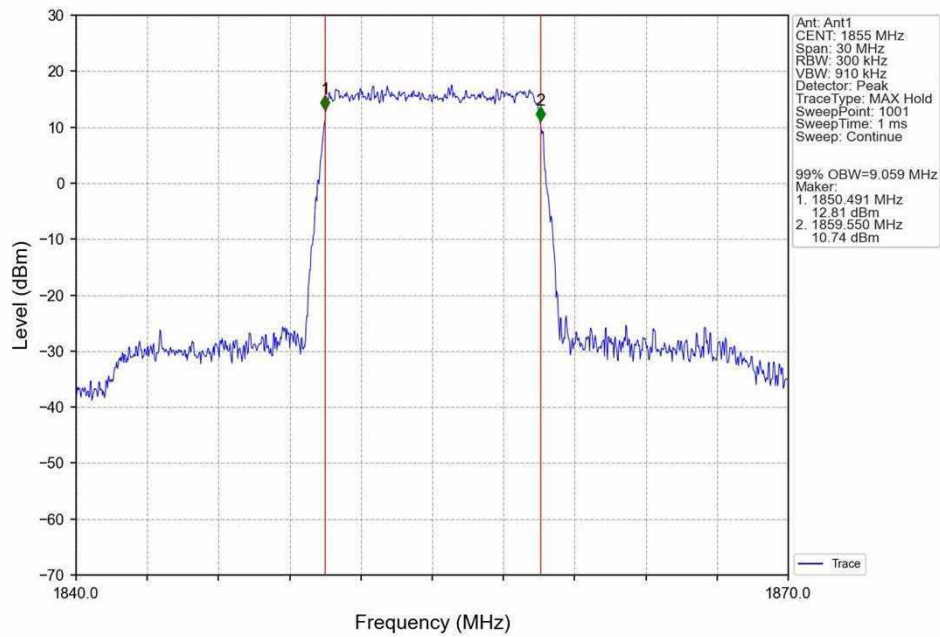
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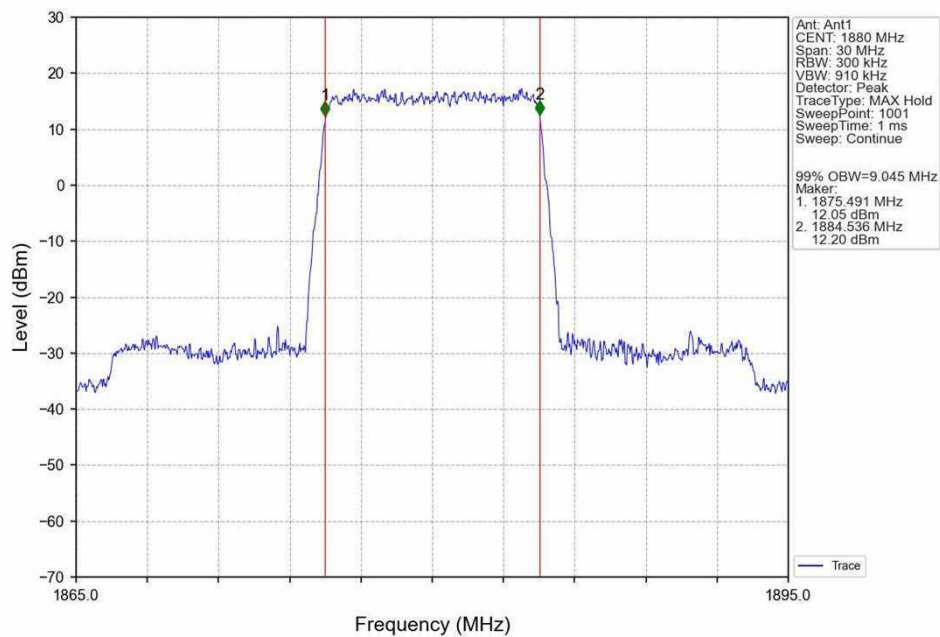
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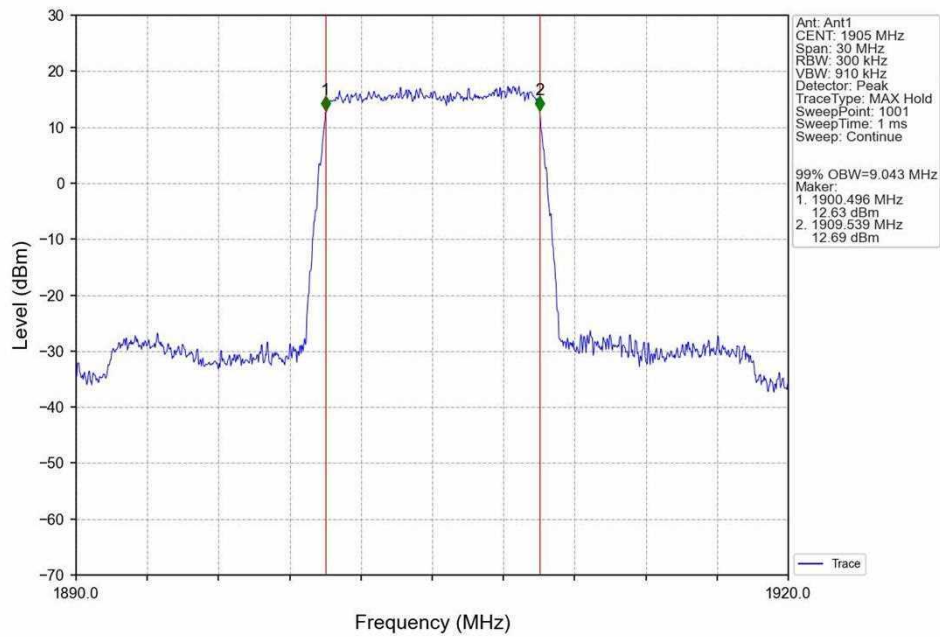
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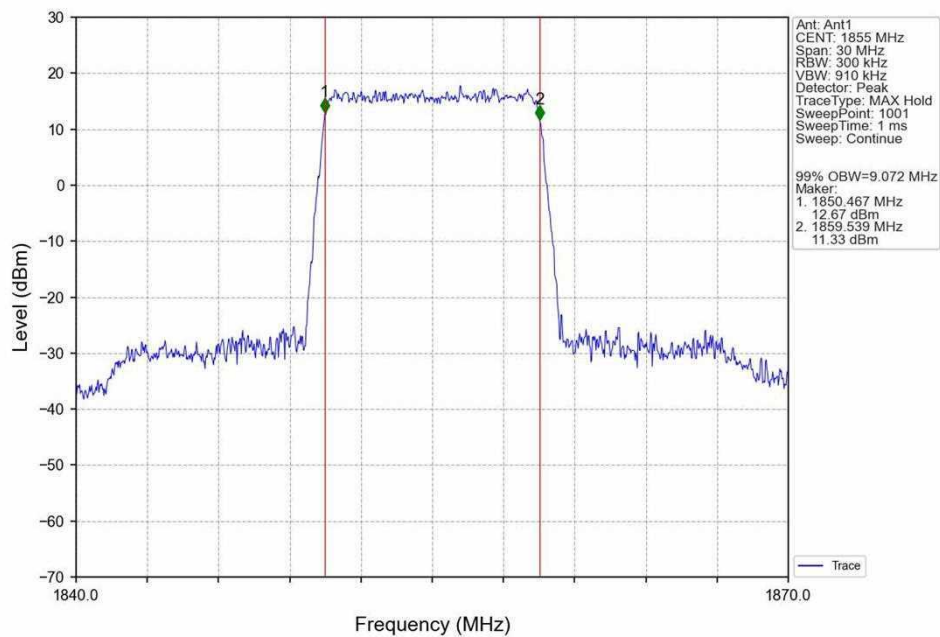
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



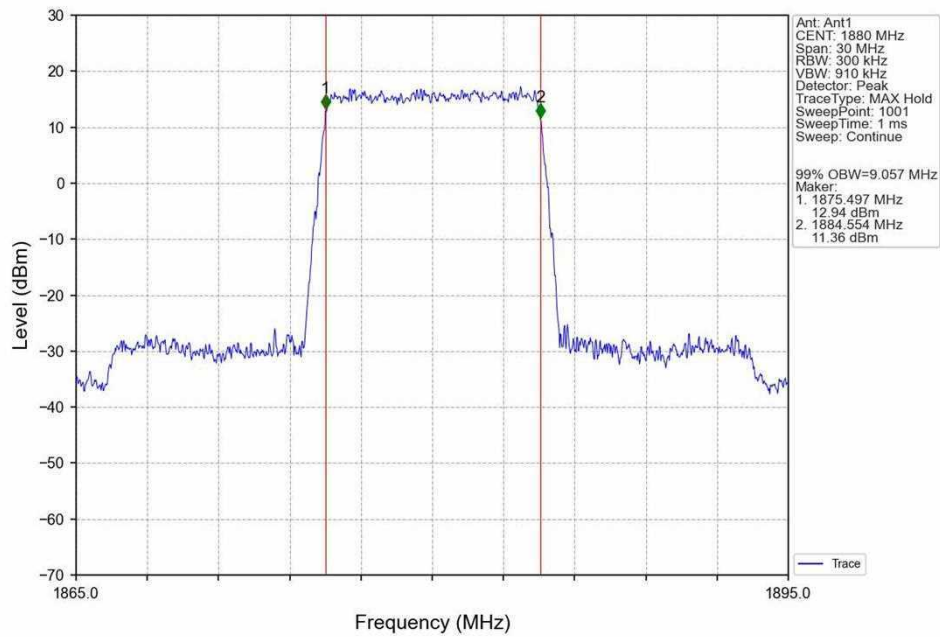
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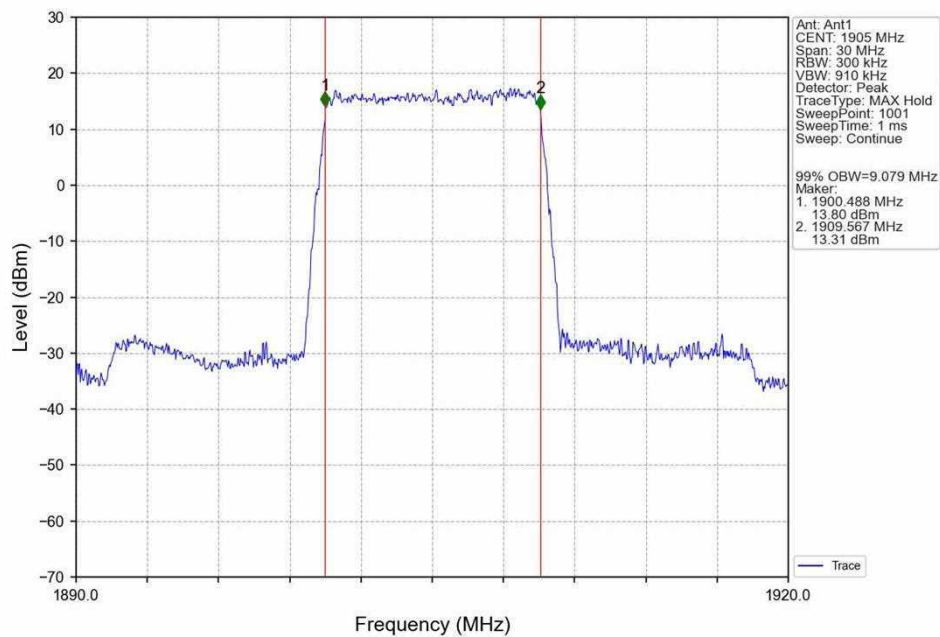
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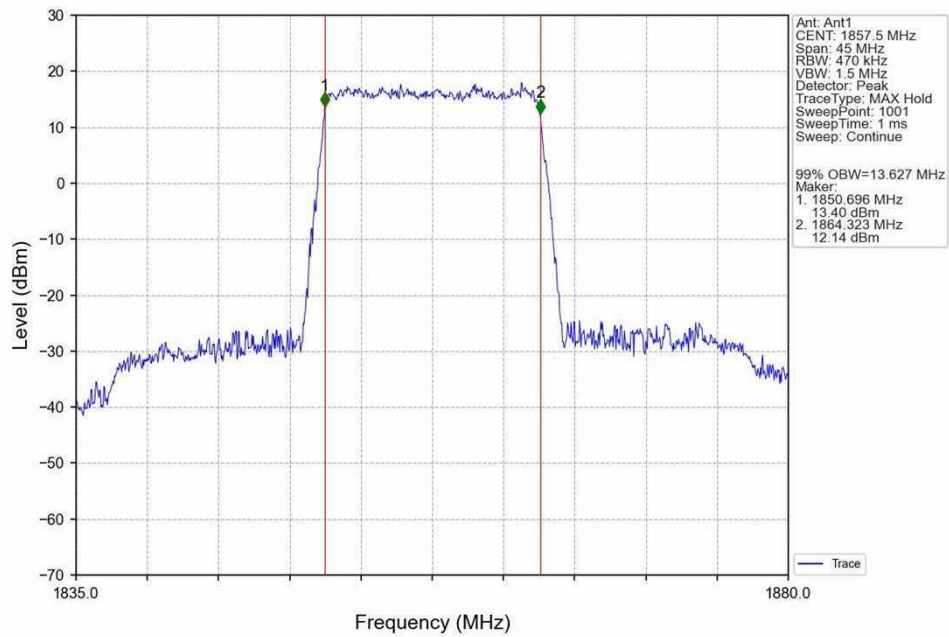
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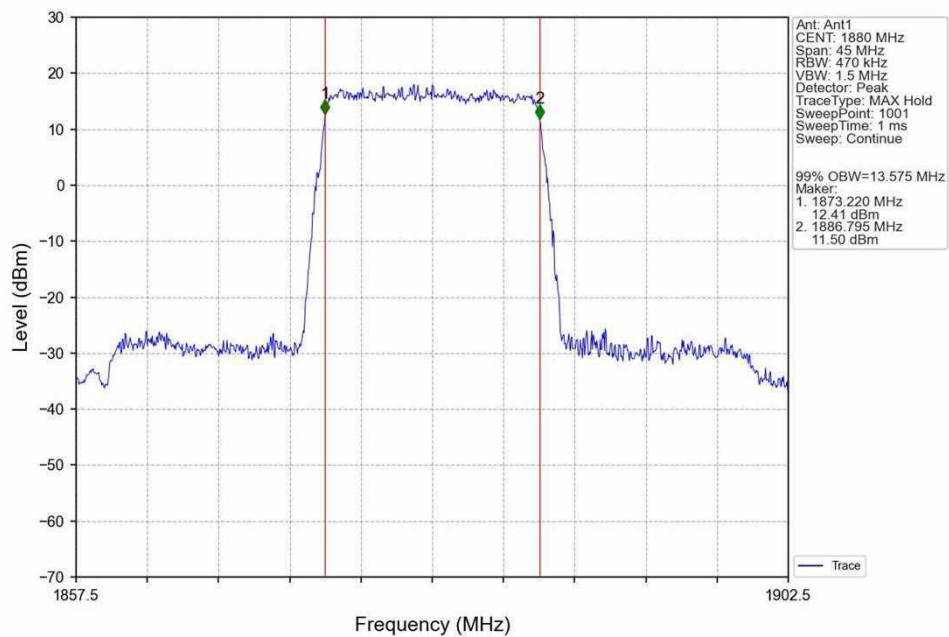
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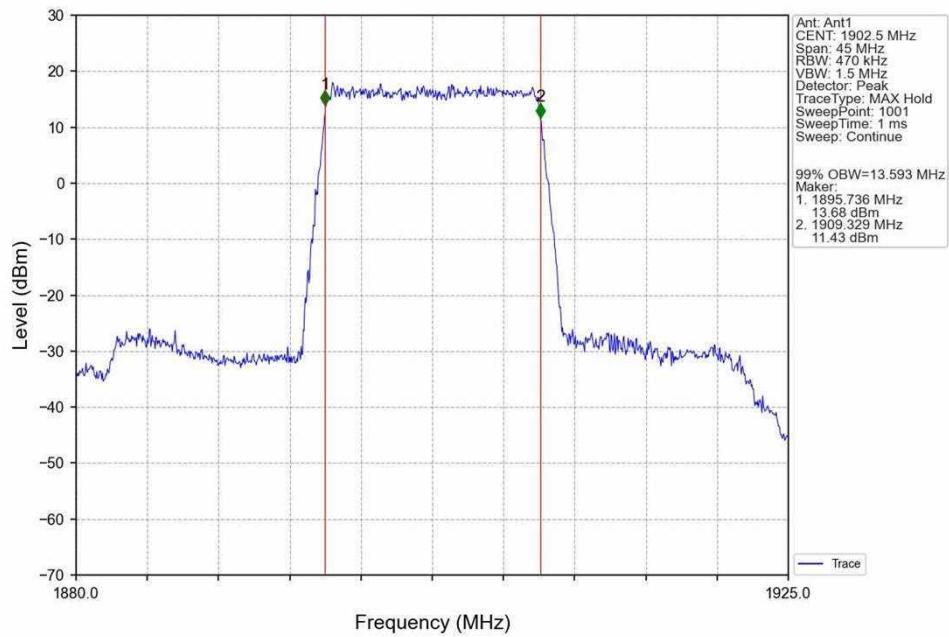
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



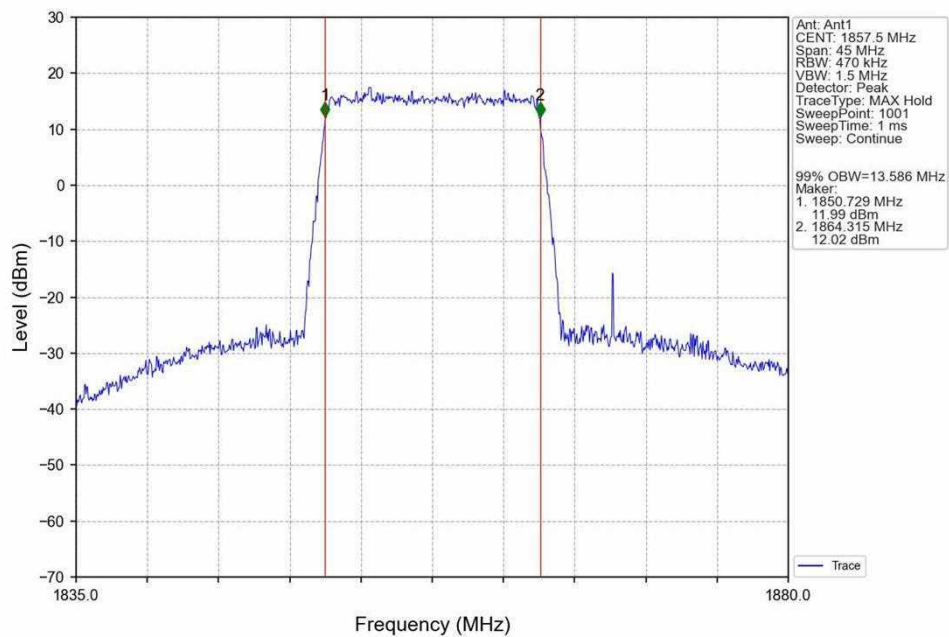
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



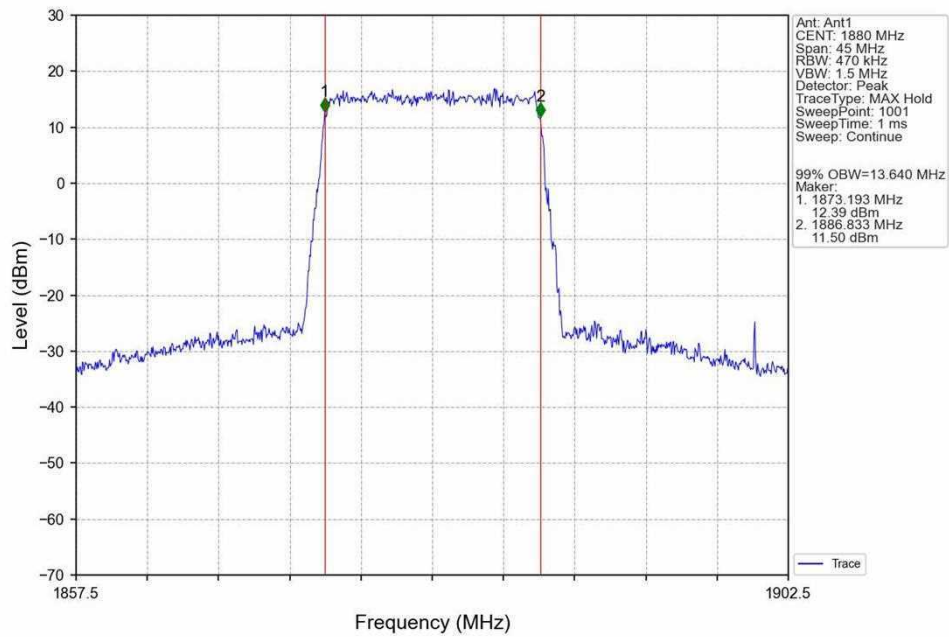
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



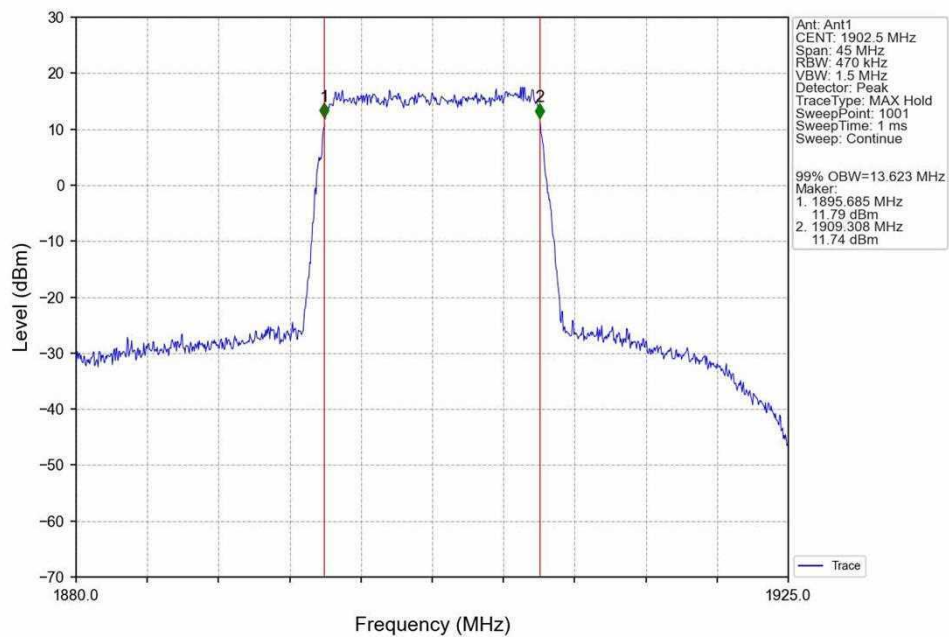
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



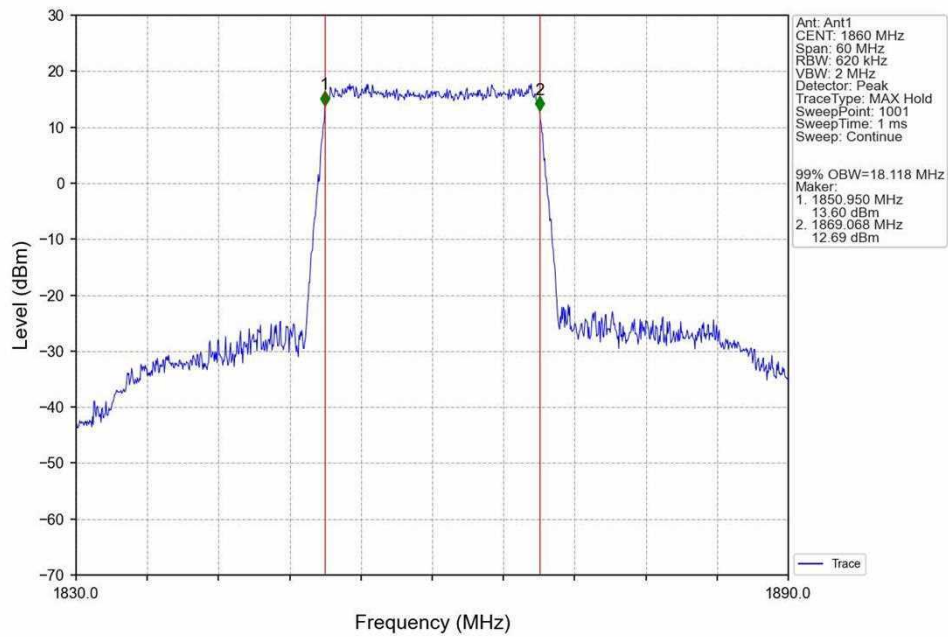
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



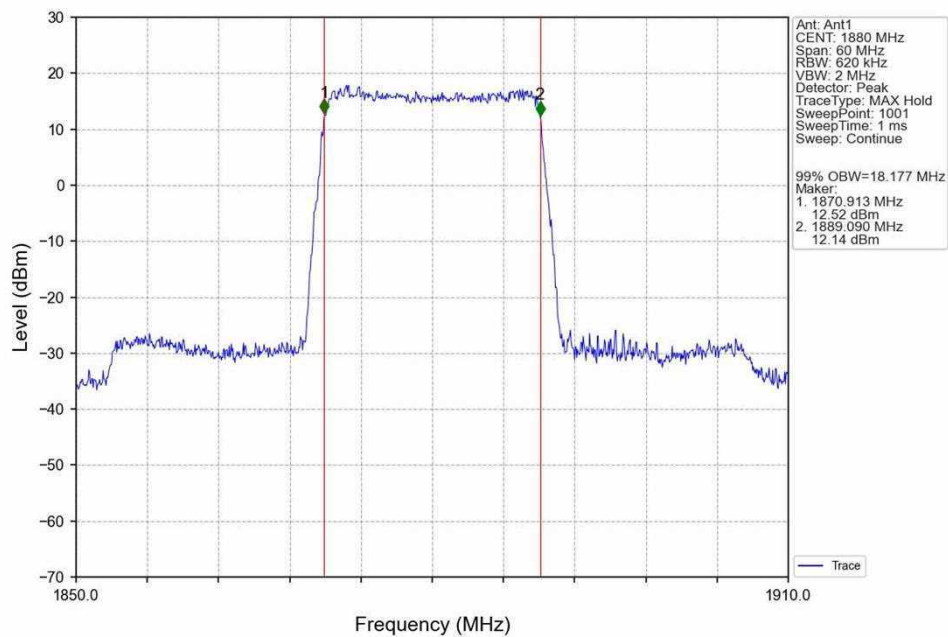
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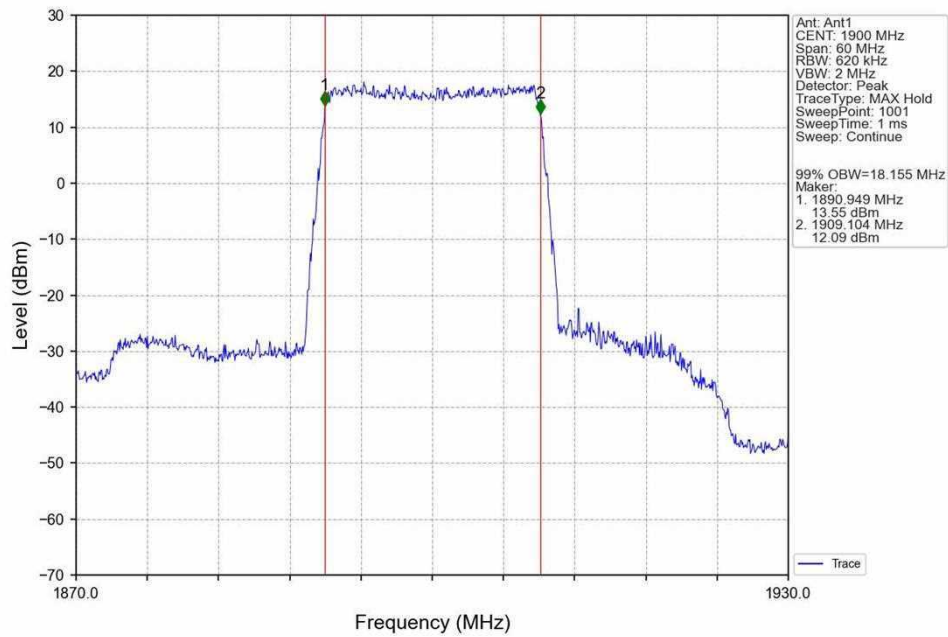
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



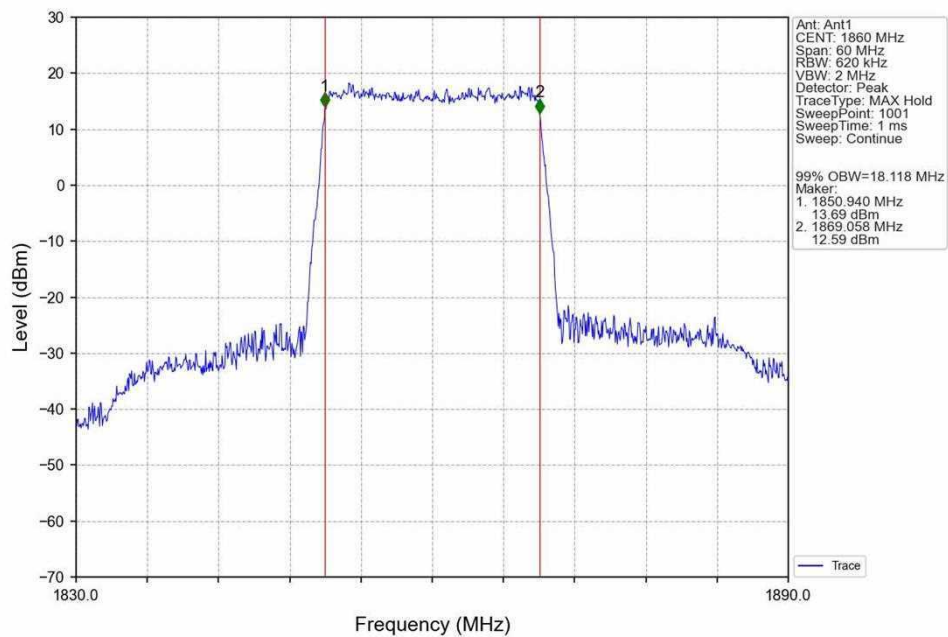
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



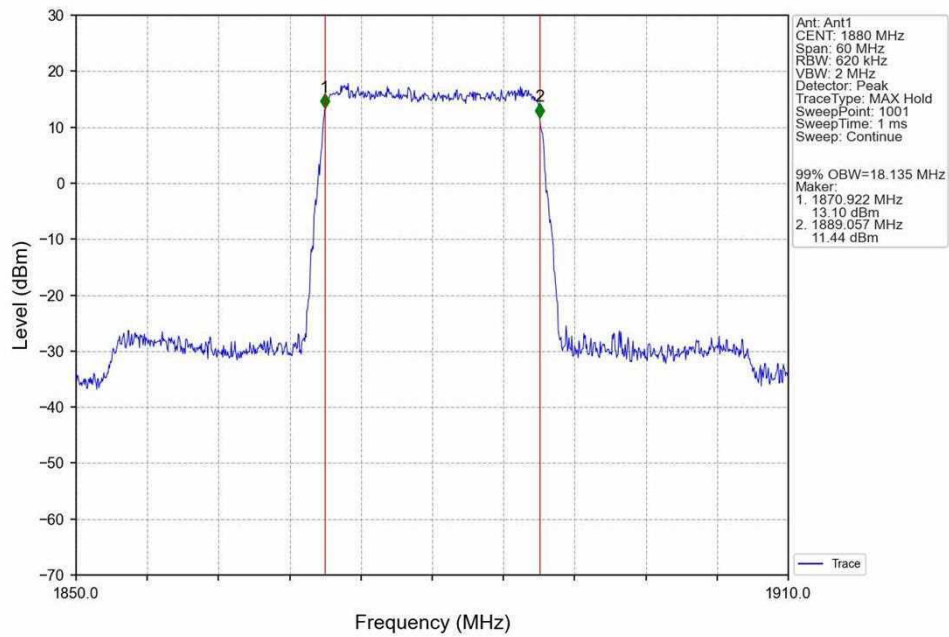
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



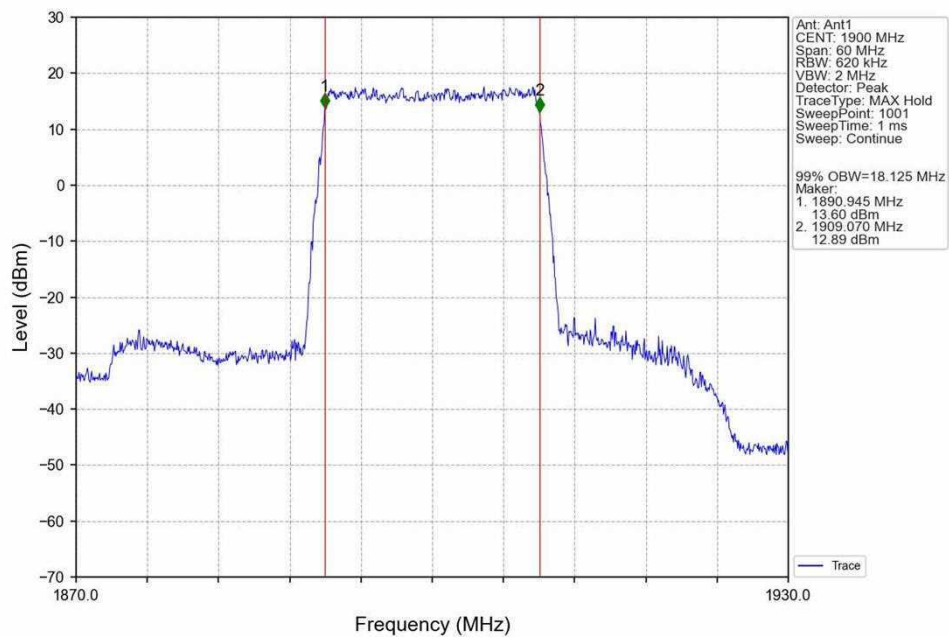
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



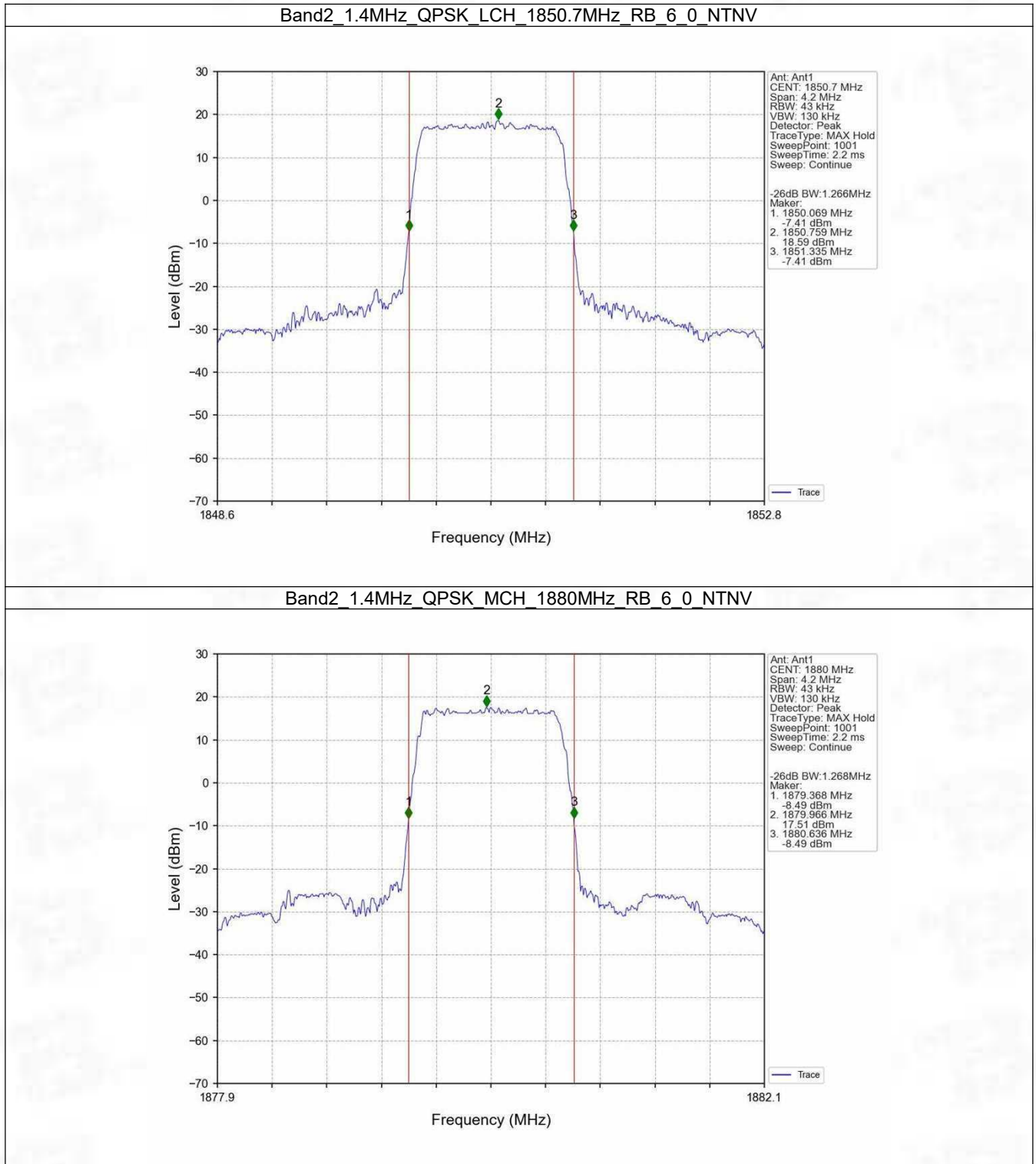
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



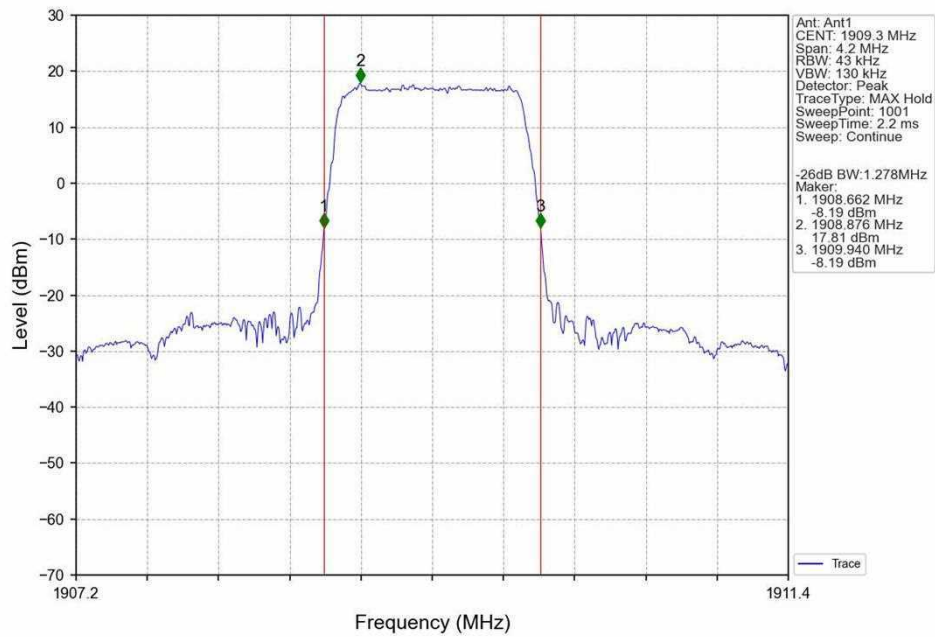
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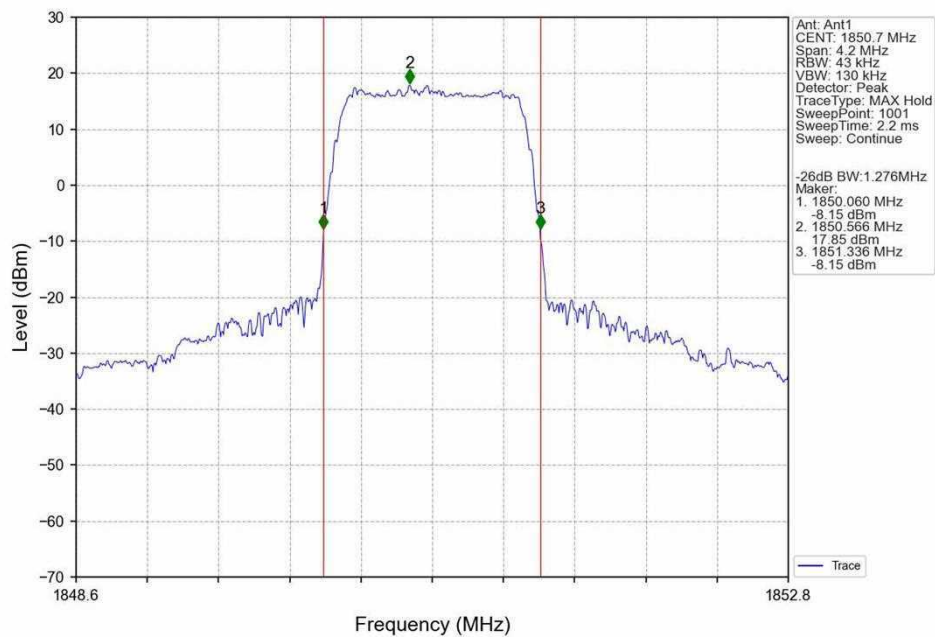
4.2.2 Band2_XDB



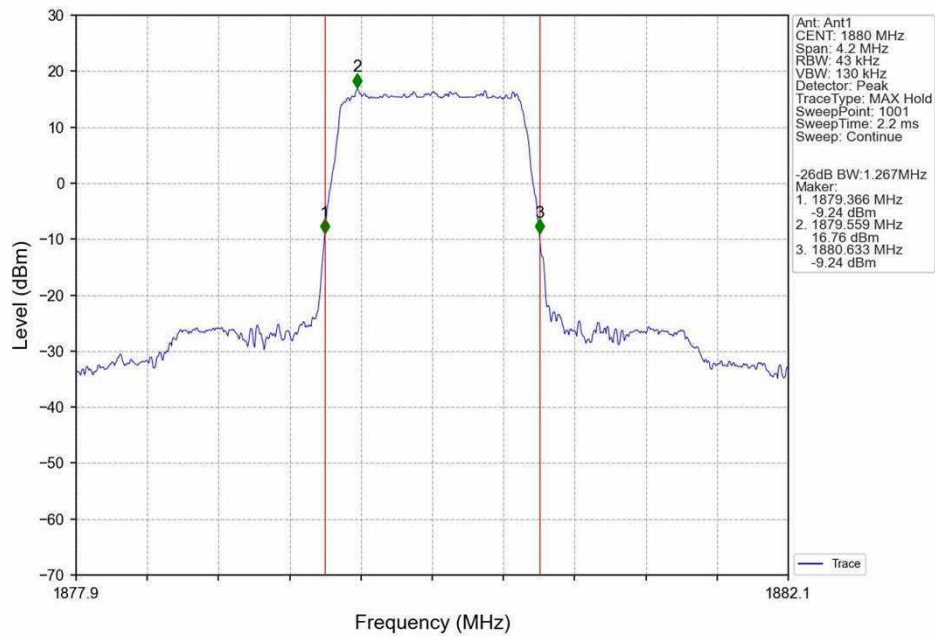
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



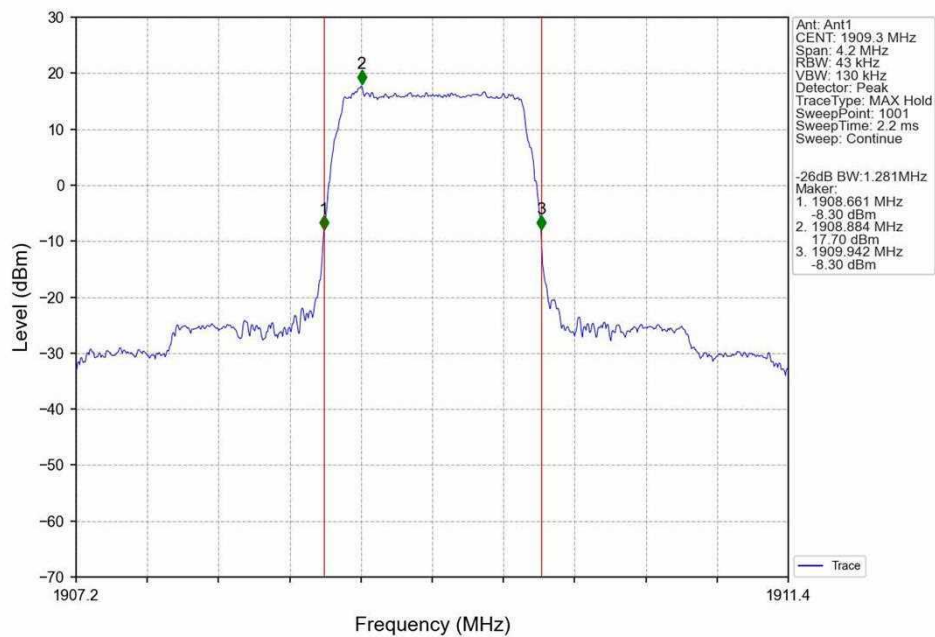
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



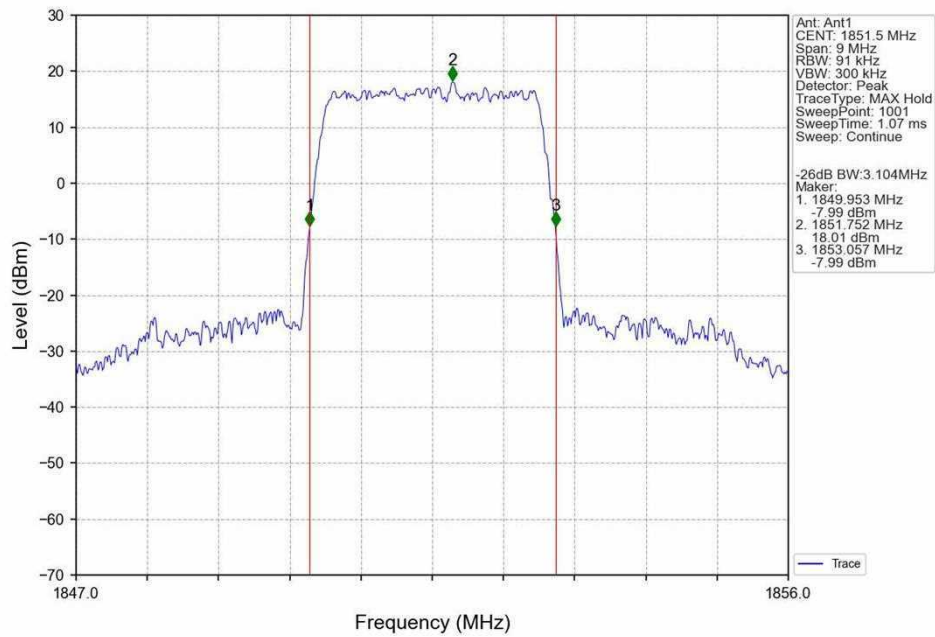
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



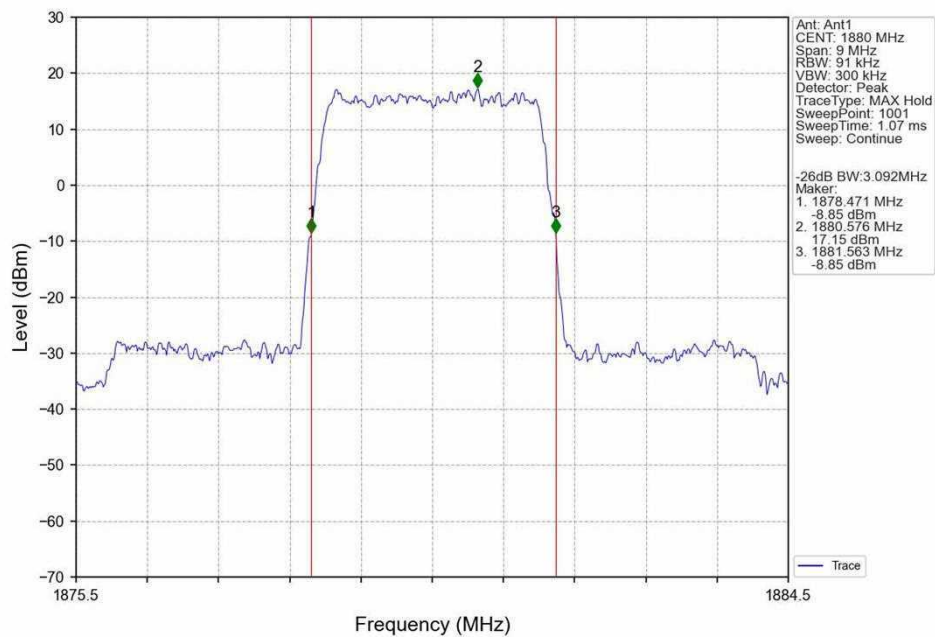
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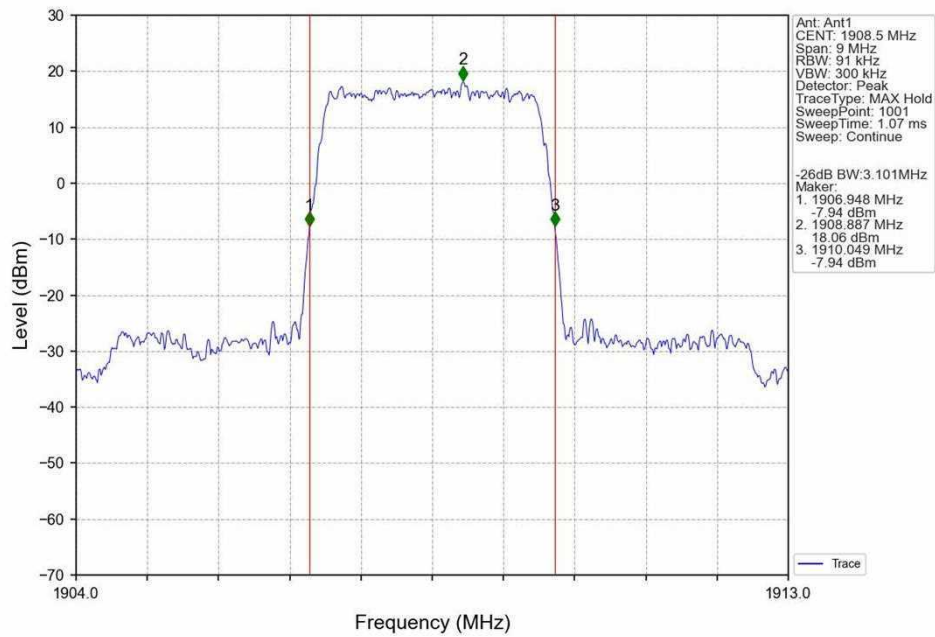
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



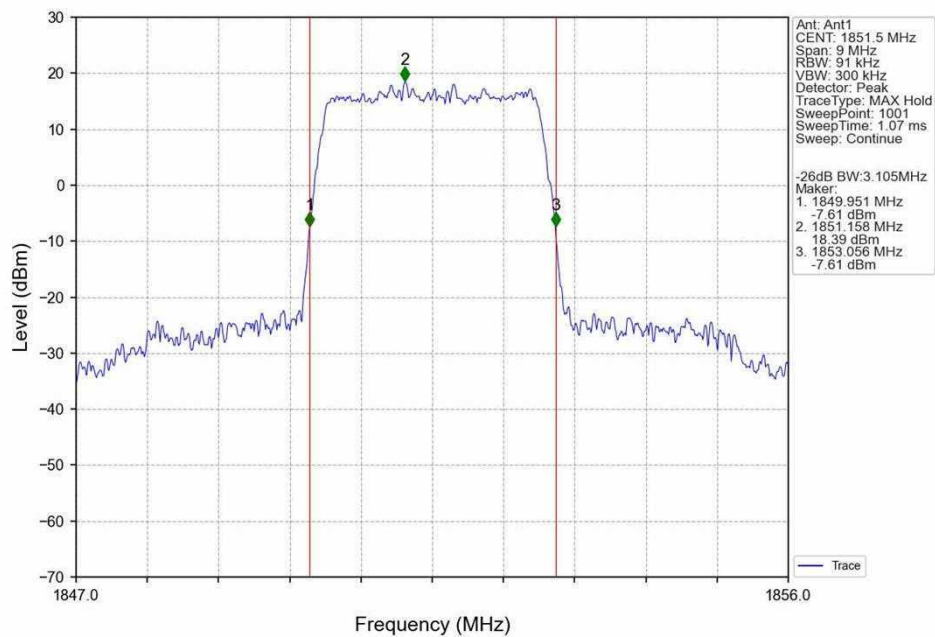
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



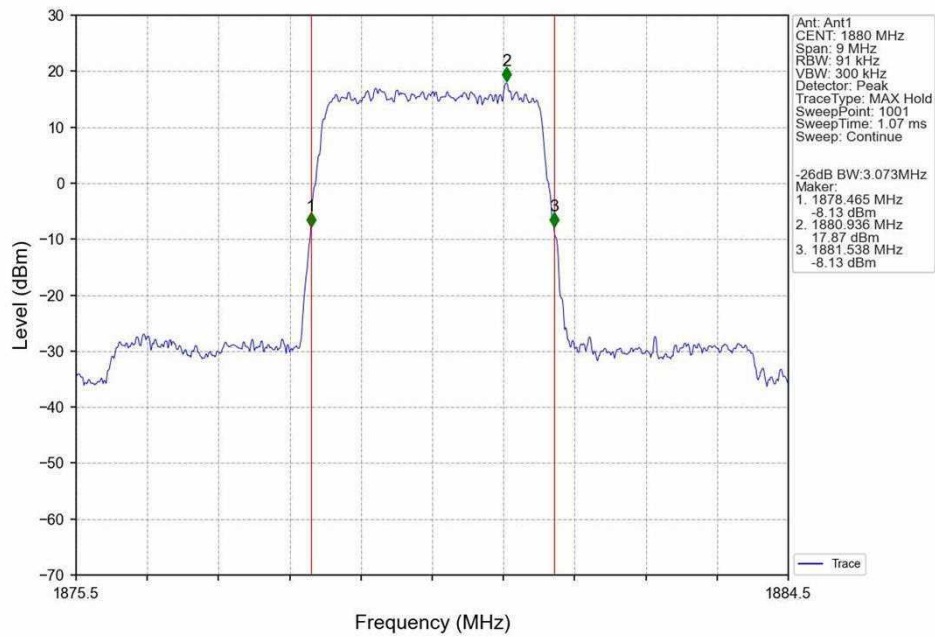
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



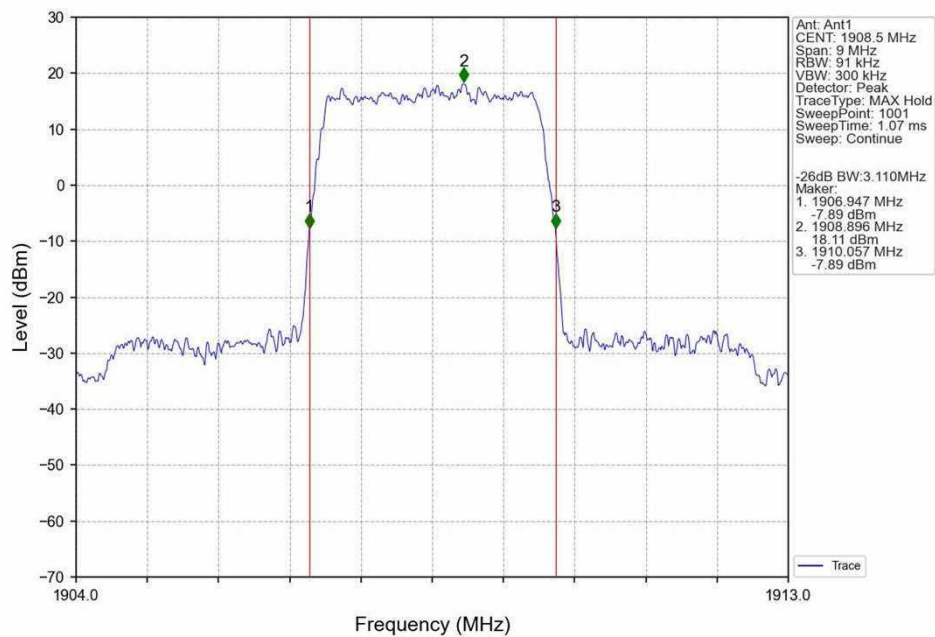
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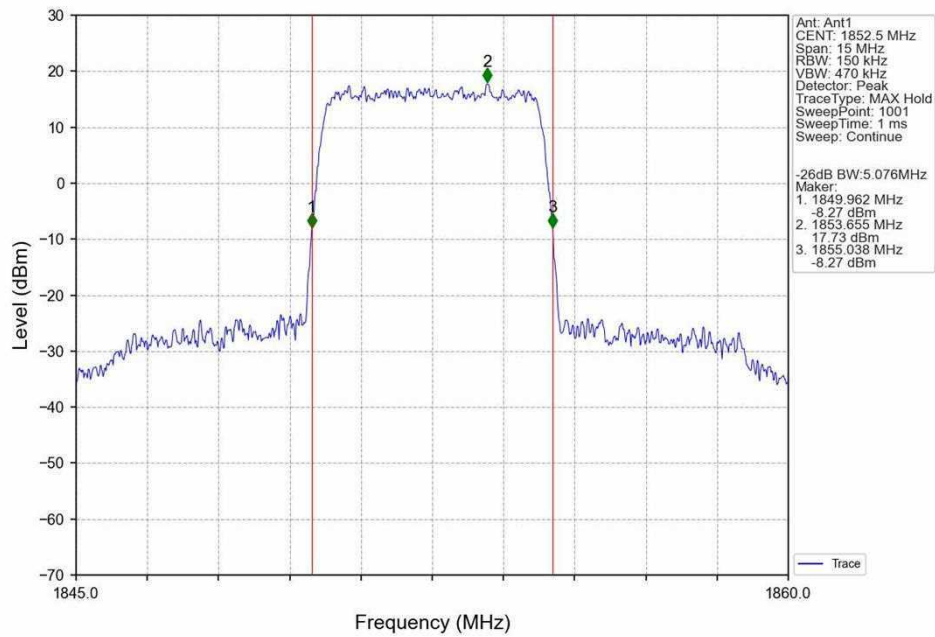
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



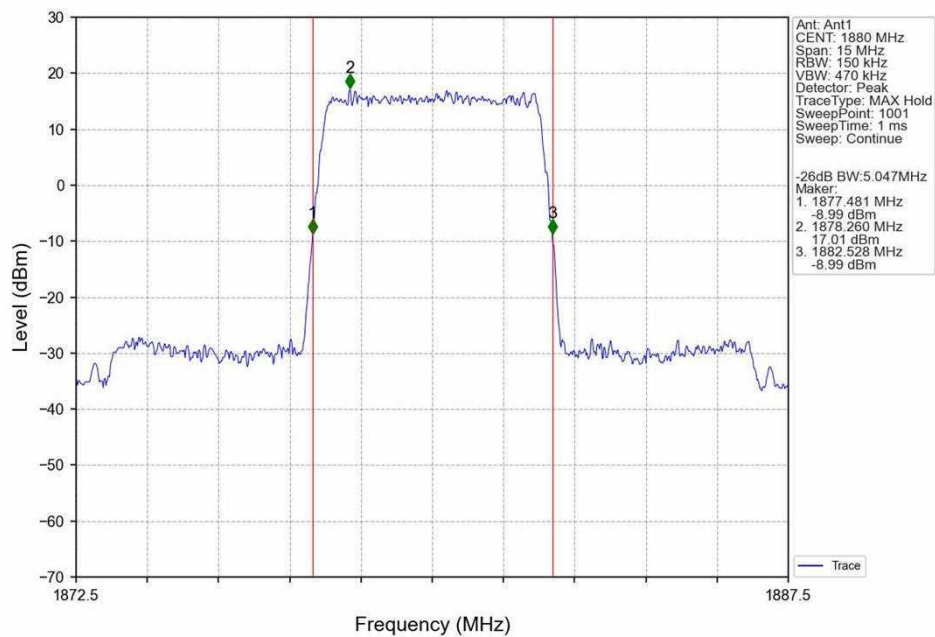
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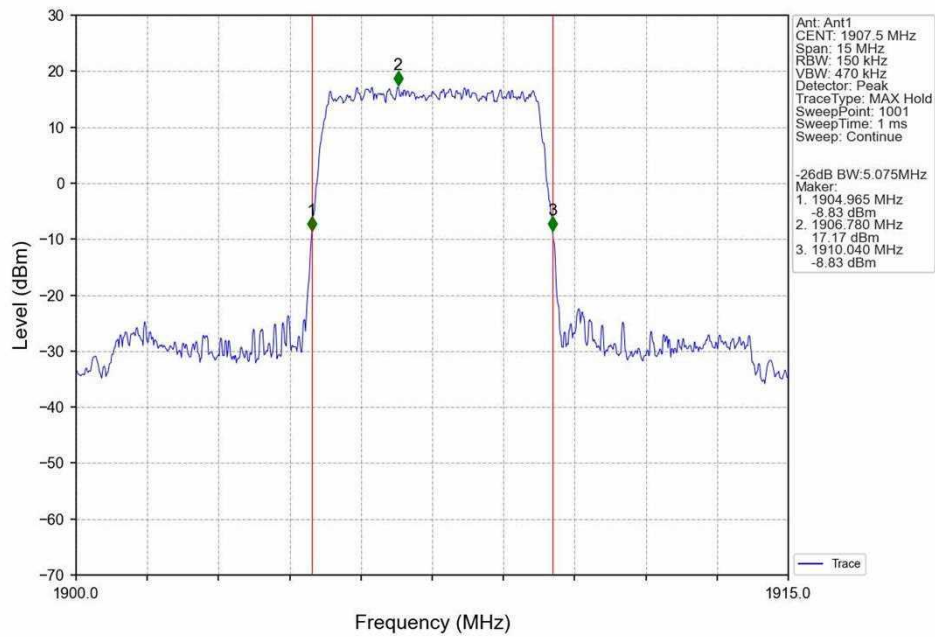
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



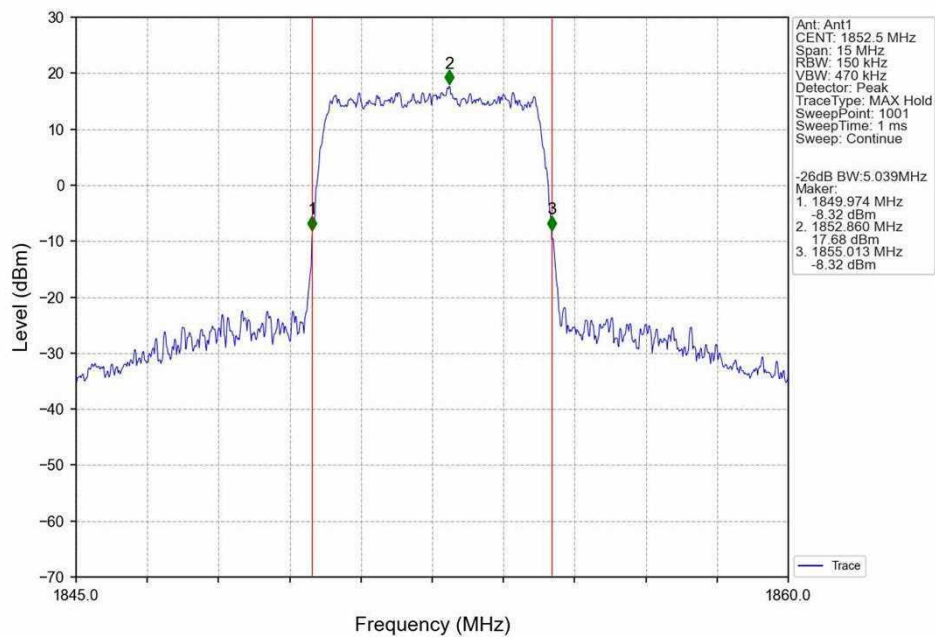
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



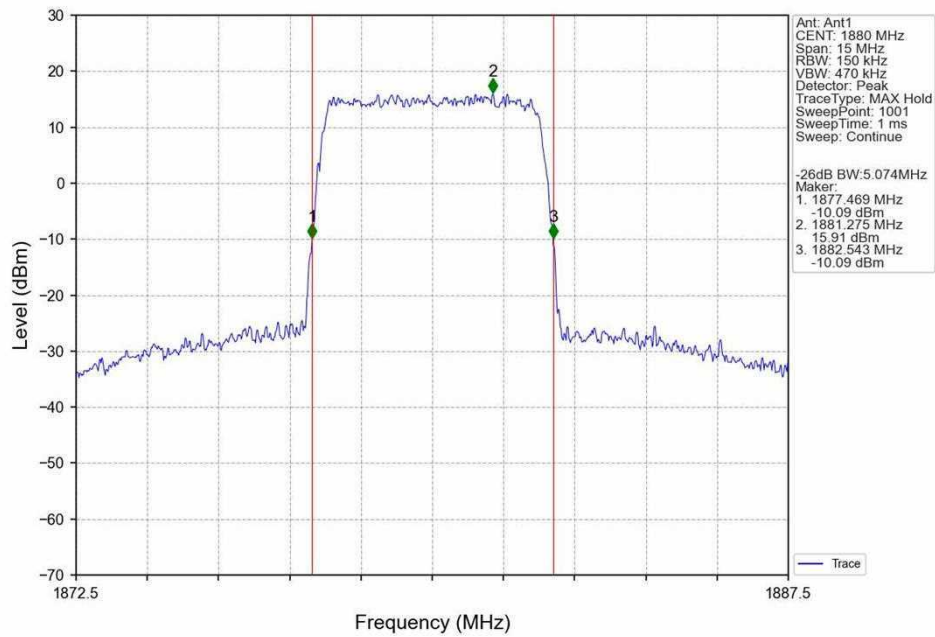
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



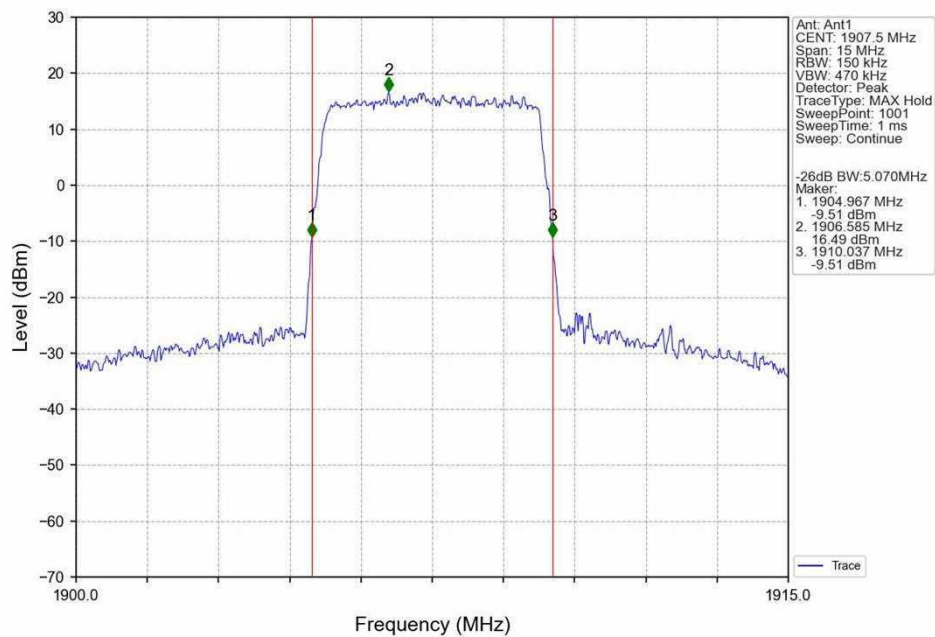
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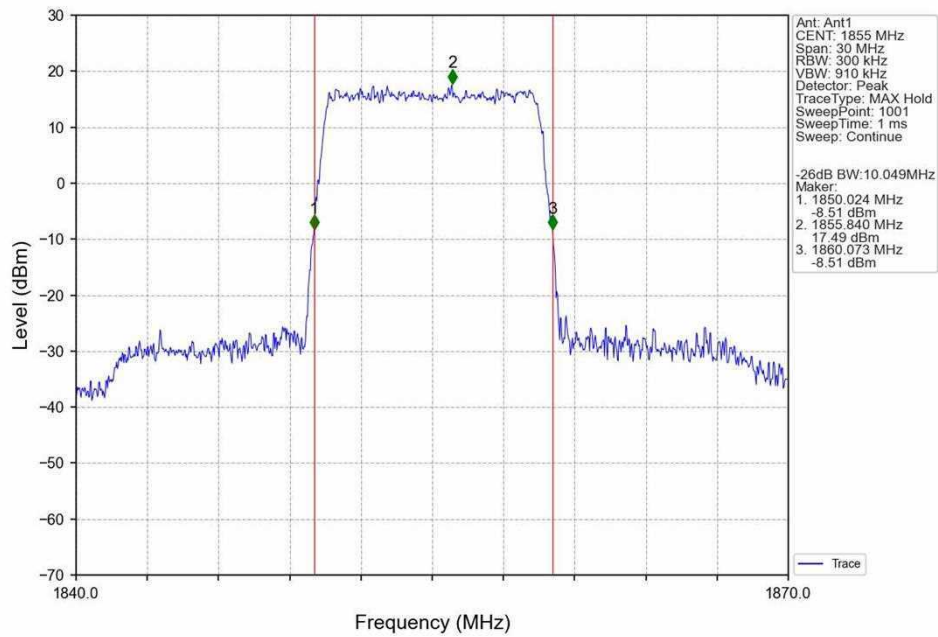
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



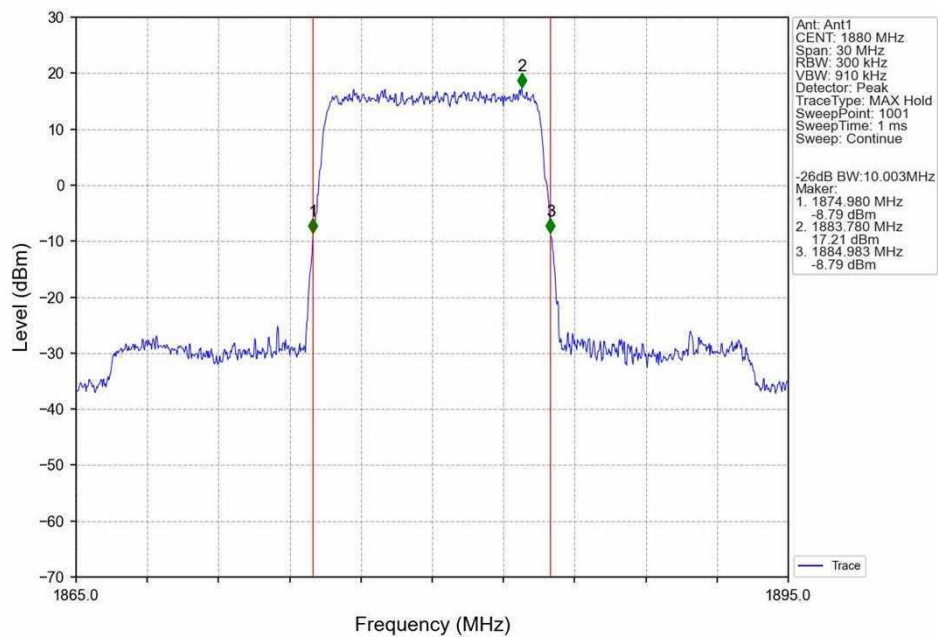
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



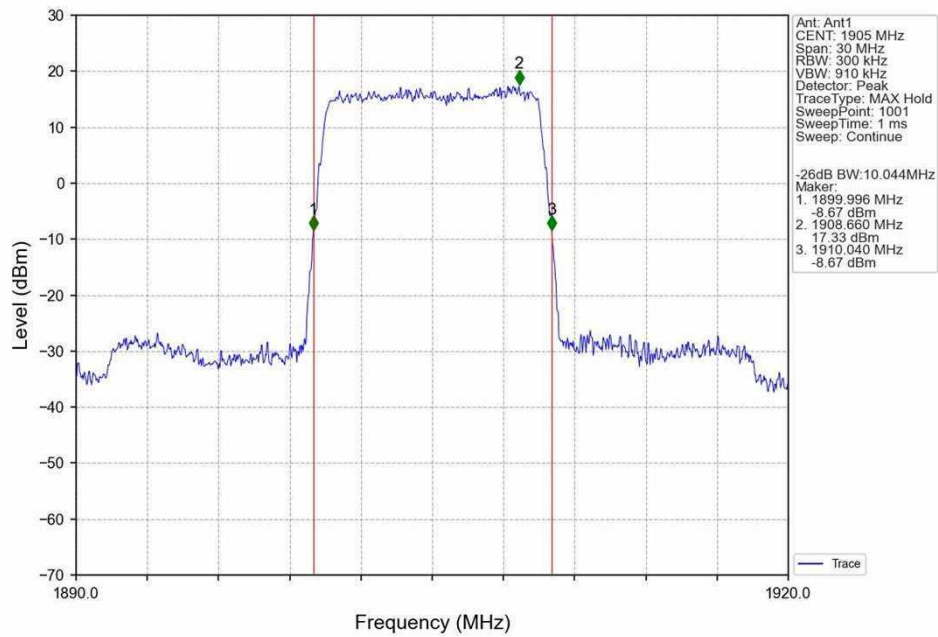
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



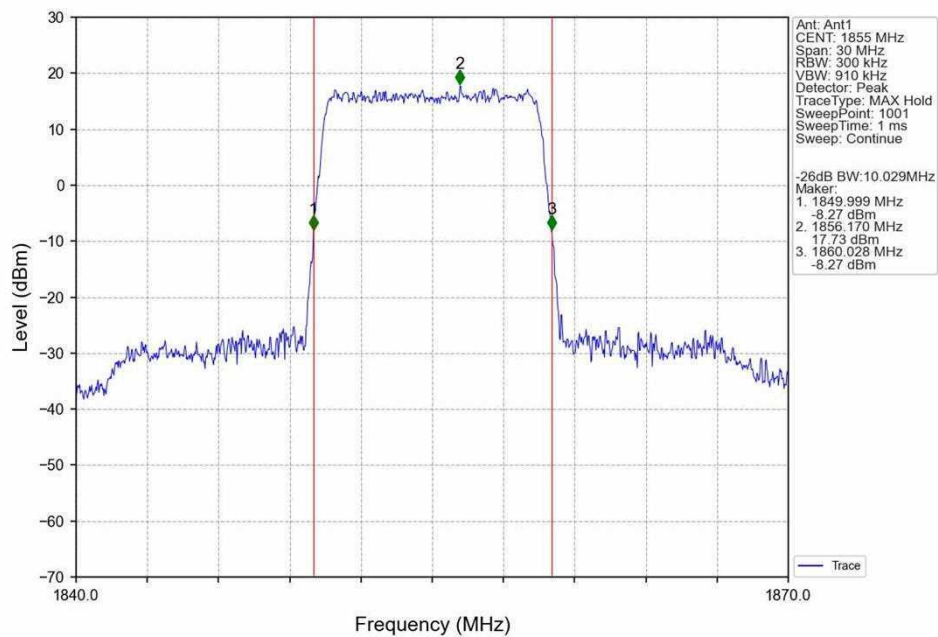
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



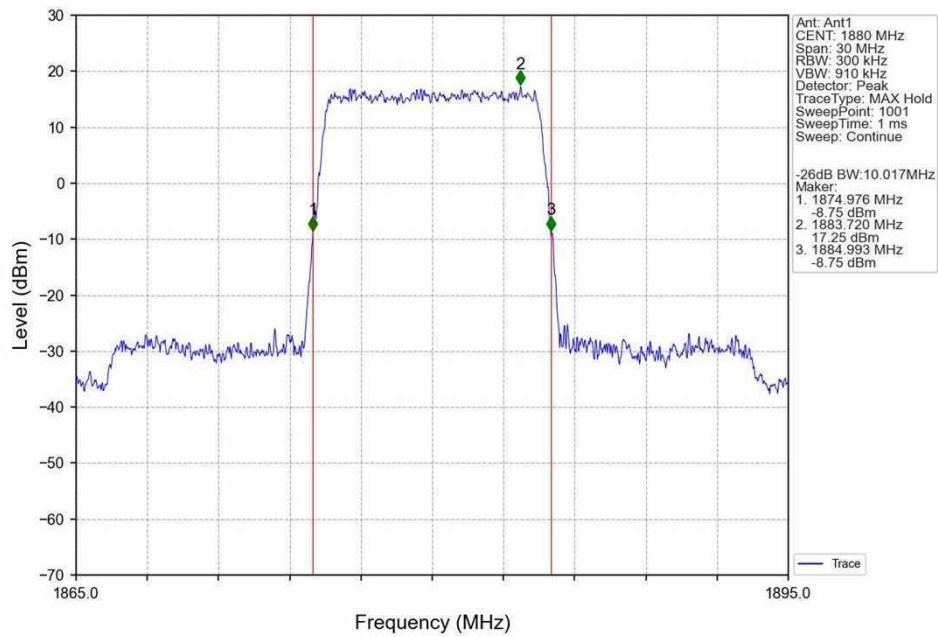
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



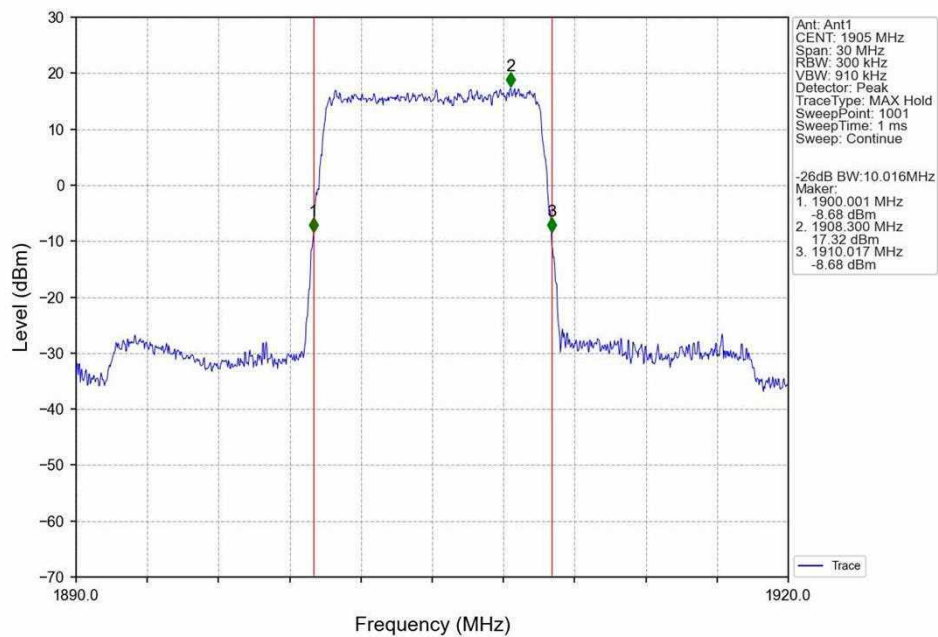
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



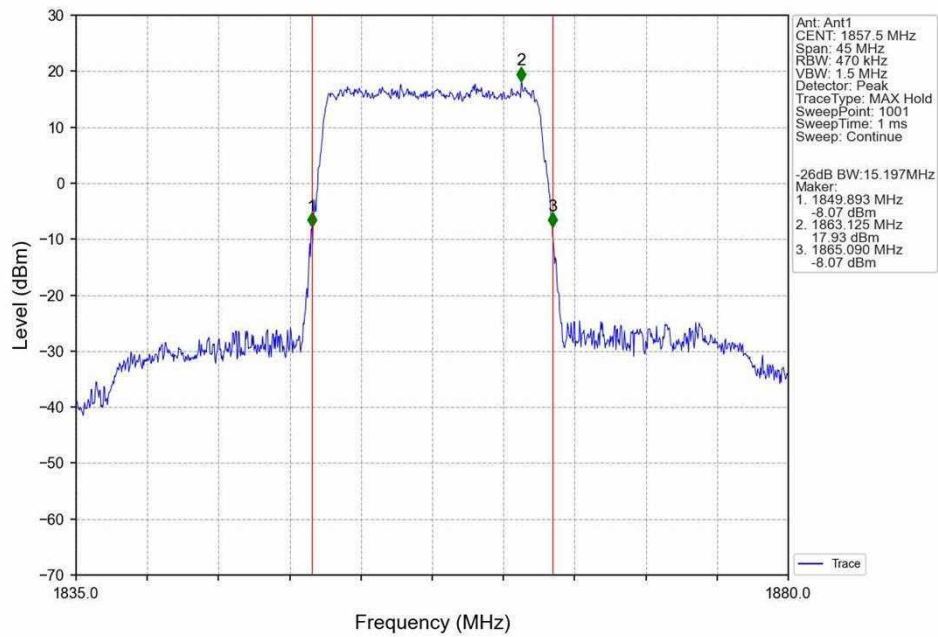
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



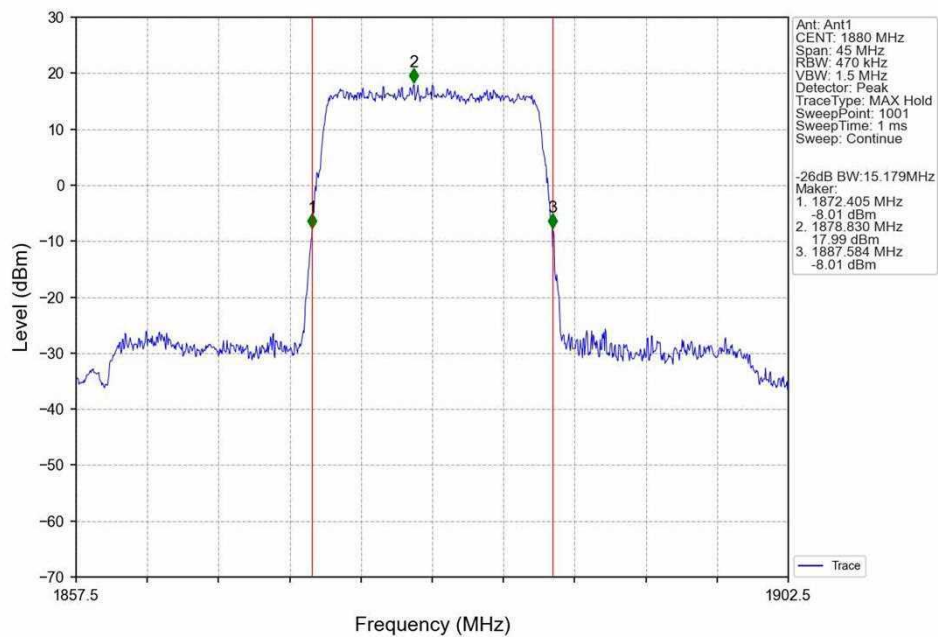
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



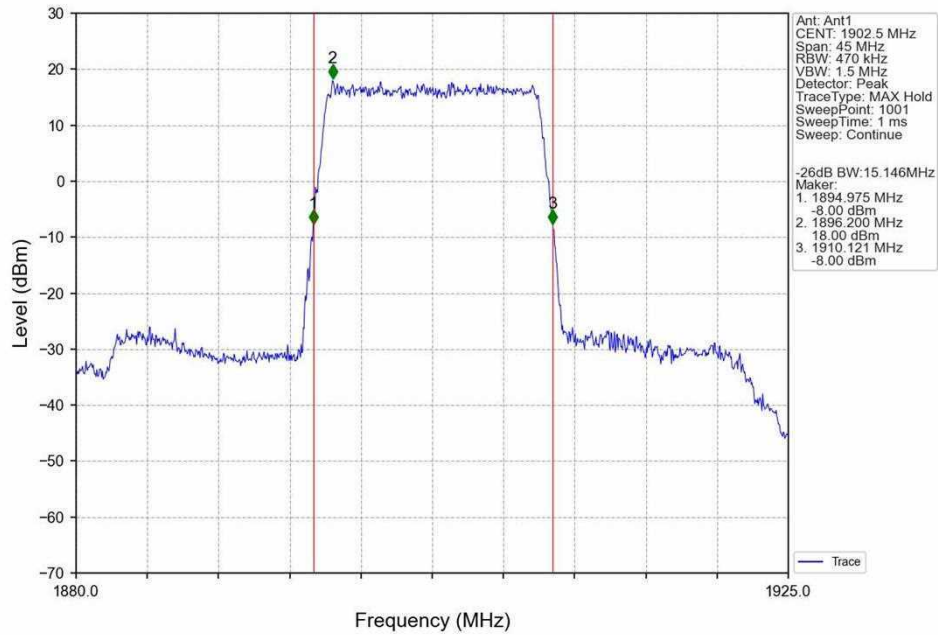
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



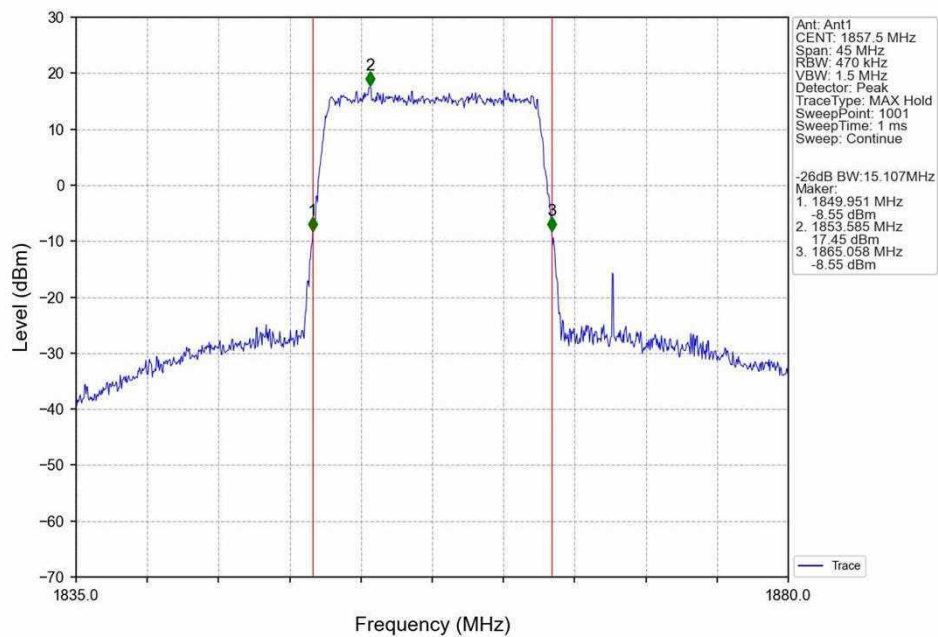
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



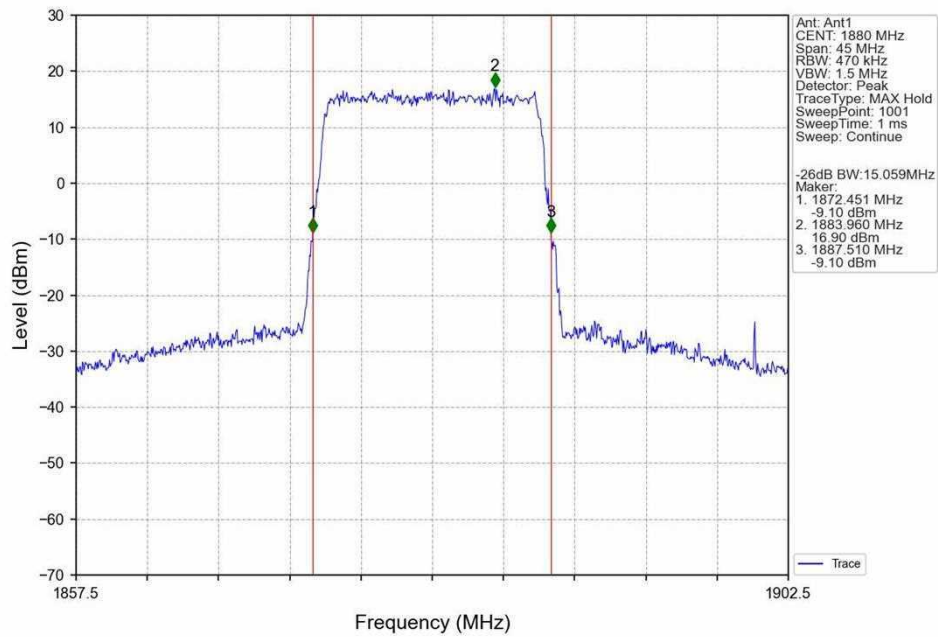
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



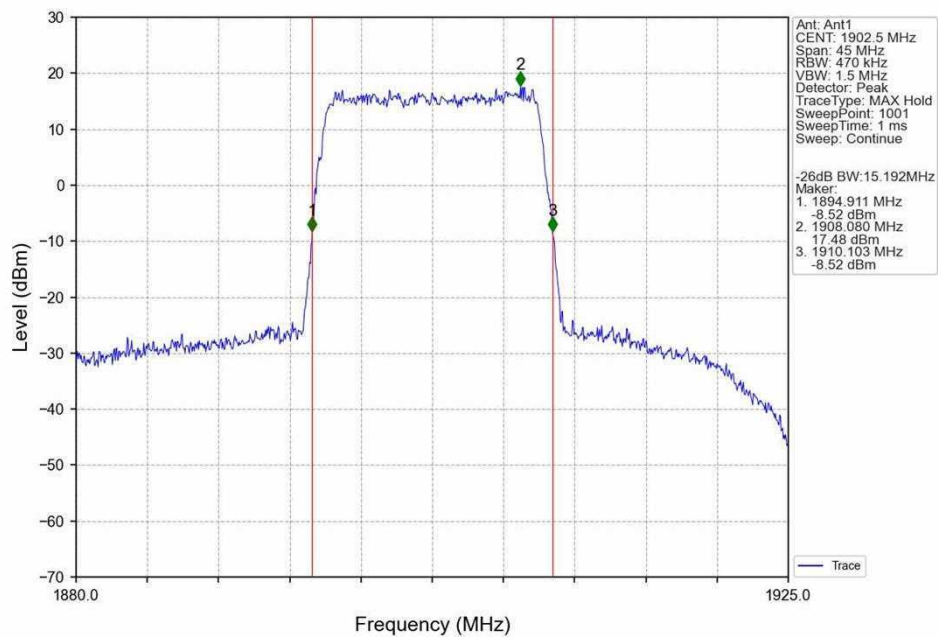
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



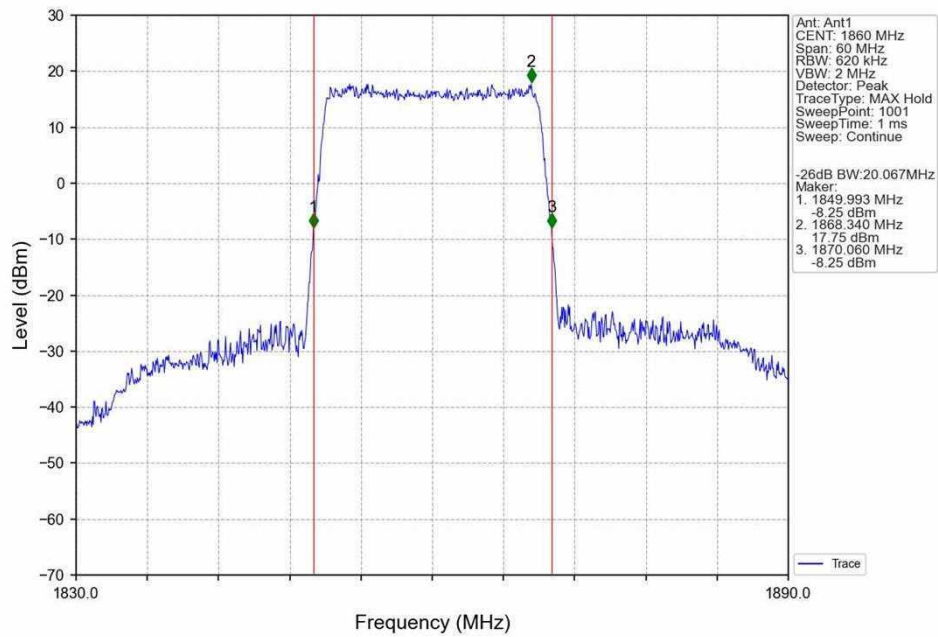
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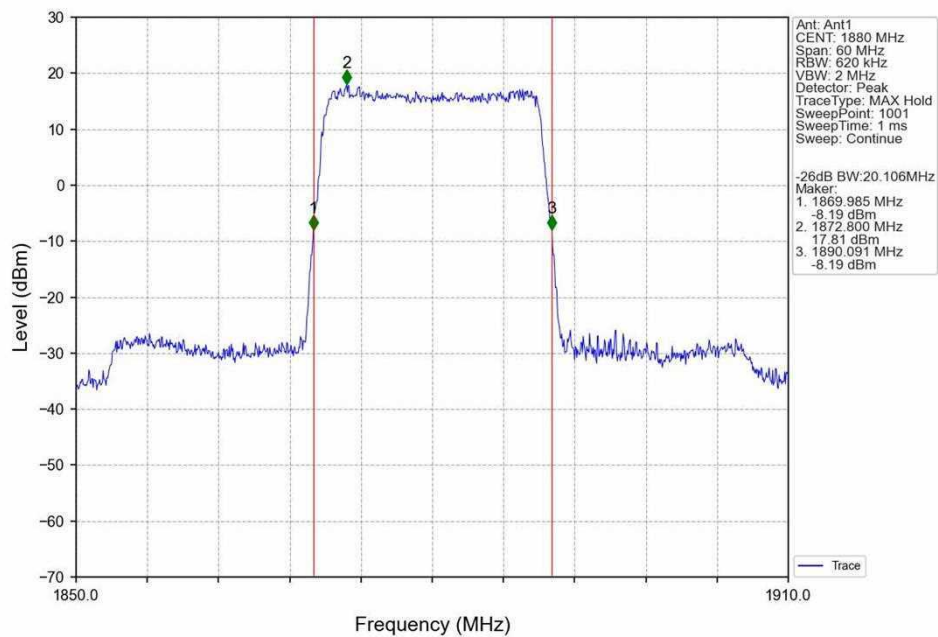
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



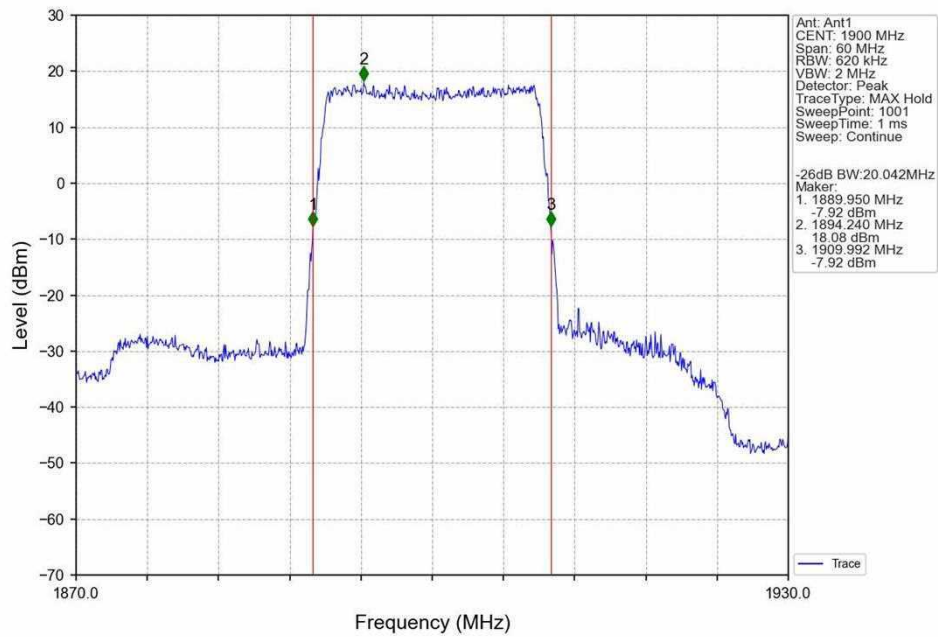
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



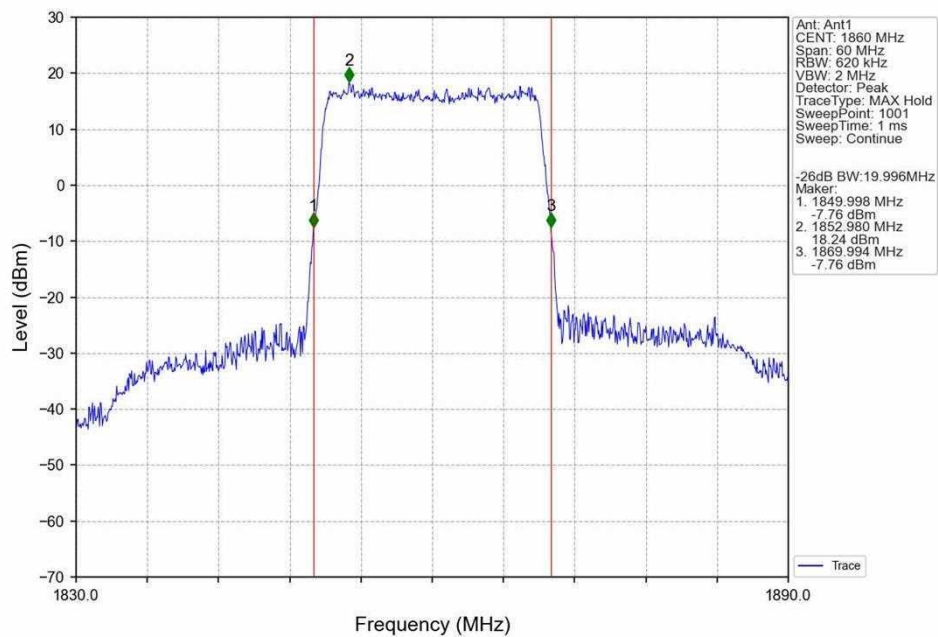
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



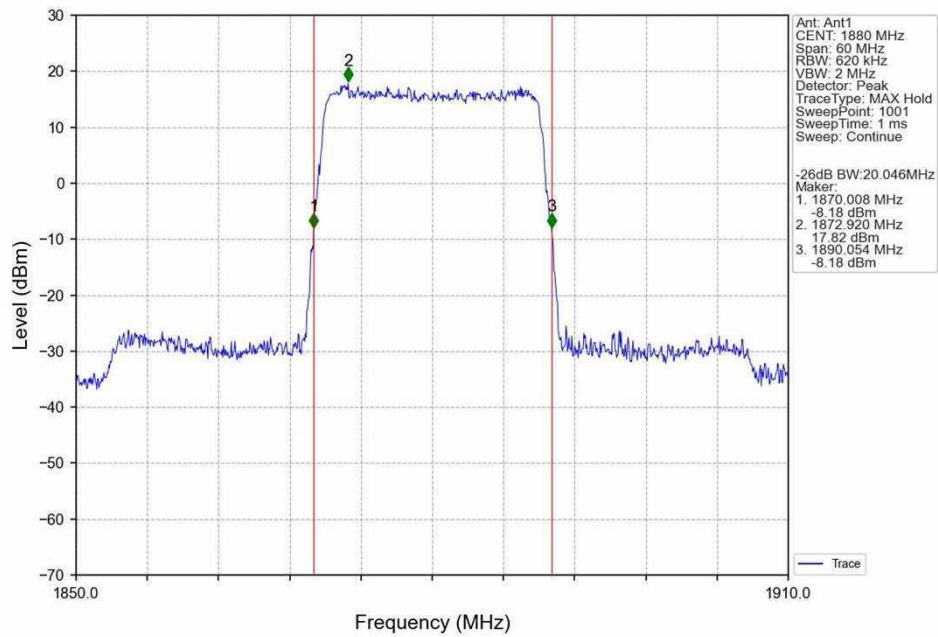
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



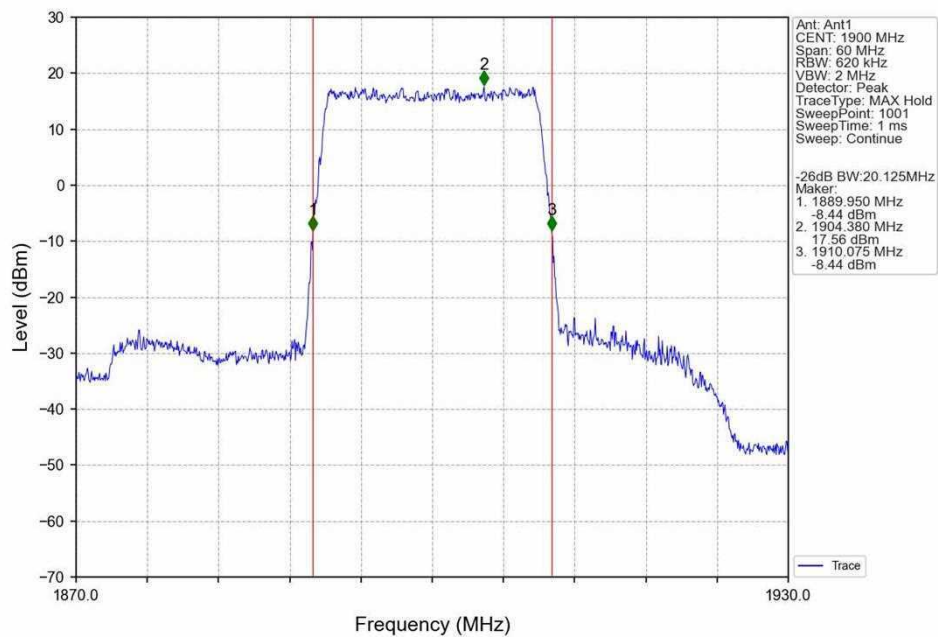
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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	5.25	≤ 13	Pass
	1880	6	0	5.53	≤ 13	Pass
	1909.3	6	0	5.62	≤ 13	Pass
16QAM	1850.7	6	0	5.94	≤ 13	Pass
	1880	6	0	6.38	≤ 13	Pass
	1909.3	6	0	6.32	≤ 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	5.34	≤ 13	Pass
	1880	15	0	5.53	≤ 13	Pass
	1908.5	15	0	5.65	≤ 13	Pass
16QAM	1851.5	15	0	5.31	≤ 13	Pass
	1880	15	0	5.53	≤ 13	Pass
	1908.5	15	0	5.65	≤ 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	5.51	≤ 13	Pass
	1880	25	0	5.59	≤ 13	Pass
	1907.5	25	0	5.66	≤ 13	Pass
16QAM	1852.5	25	0	6.16	≤ 13	Pass
	1880	25	0	6.31	≤ 13	Pass
	1907.5	25	0	6.35	≤ 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	5.59	≤ 13	Pass
	1880	50	0	5.67	≤ 13	Pass
	1905	50	0	5.76	≤ 13	Pass
16QAM	1855	50	0	5.60	≤ 13	Pass
	1880	50	0	5.67	≤ 13	Pass

	1905	50	0	5.77	<=13	Pass
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5.1.5 B2_15MHz

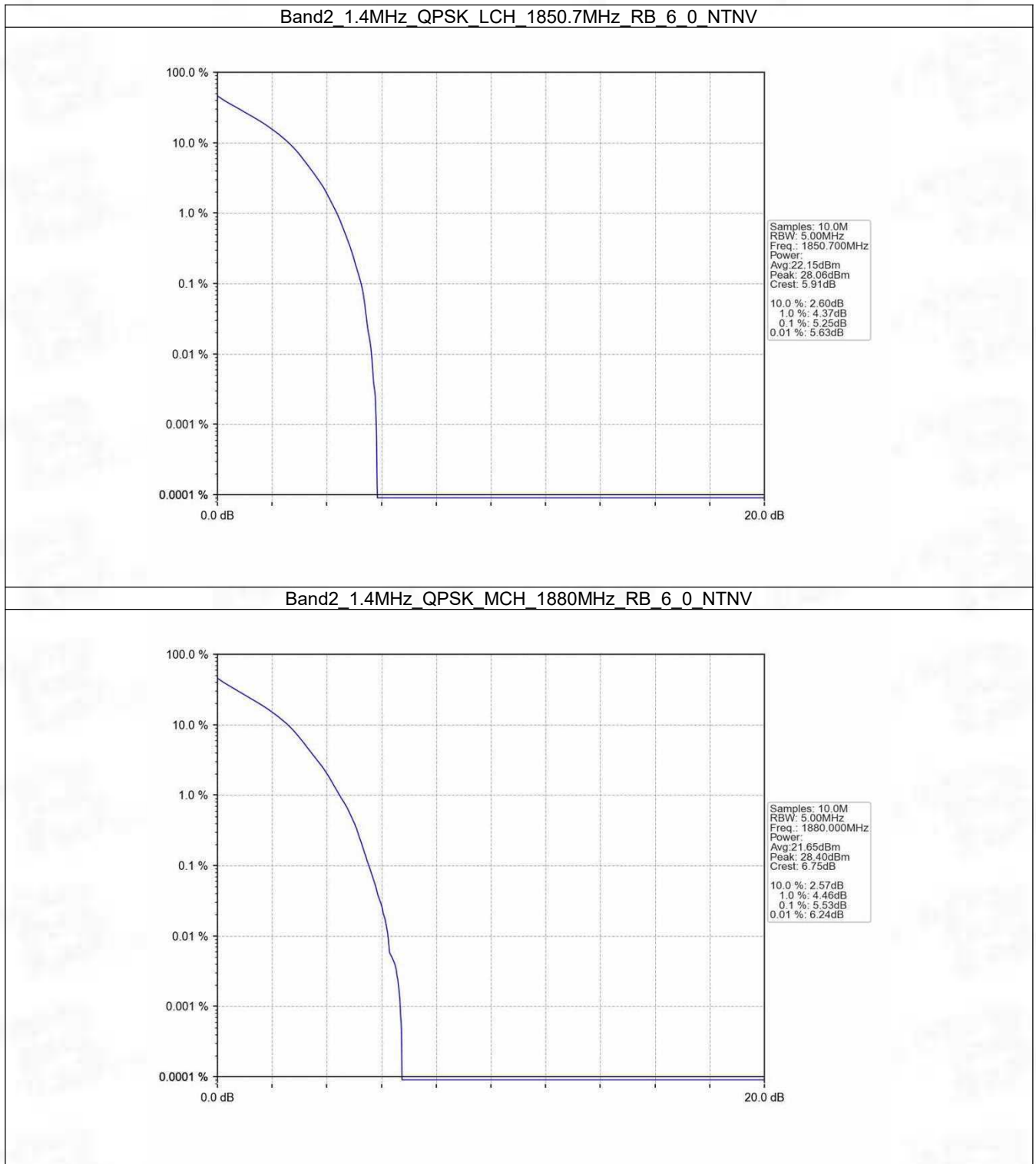
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.95	<=13	Pass
	1880	75	0	5.94	<=13	Pass
	1902.5	75	0	6.07	<=13	Pass
16QAM	1857.5	75	0	6.39	<=13	Pass
	1880	75	0	6.34	<=13	Pass
	1902.5	75	0	6.50	<=13	Pass

5.1.6 B2_20MHz

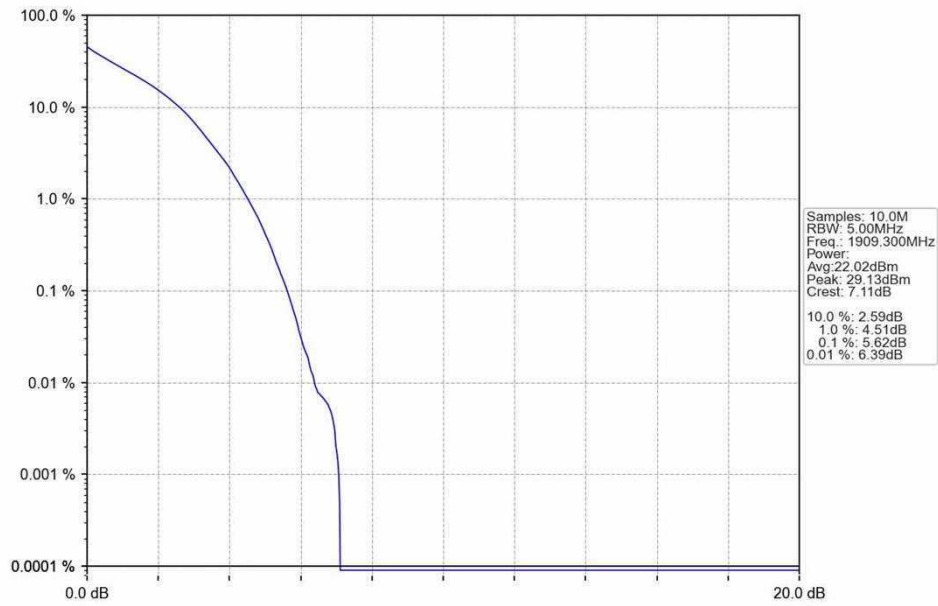
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.77	<=13	Pass
	1880	100	0	5.80	<=13	Pass
	1900	100	0	5.81	<=13	Pass
16QAM	1860	100	0	5.77	<=13	Pass
	1880	100	0	5.80	<=13	Pass
	1900	100	0	5.81	<=13	Pass

5.2 Test Graph

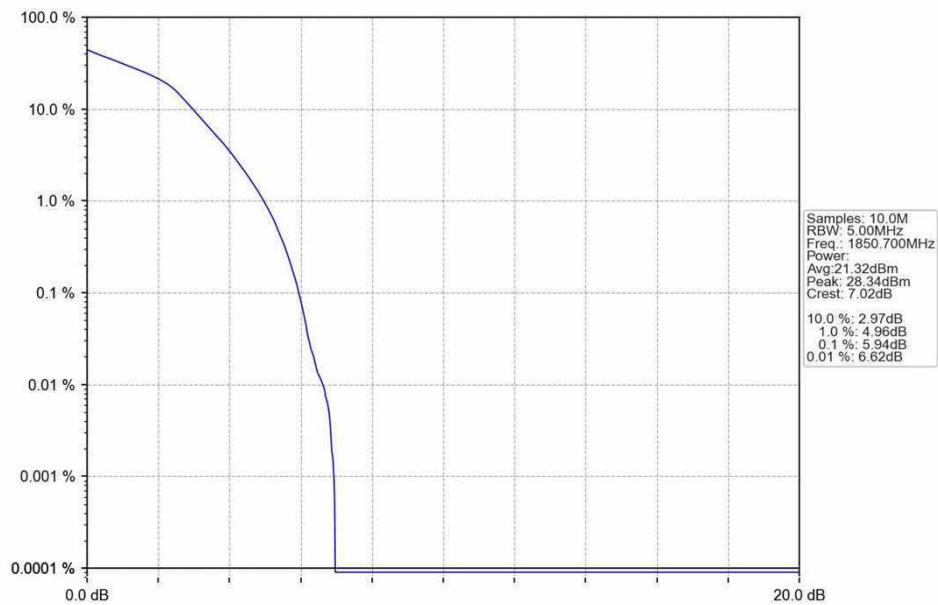
5.2.1 B2_1.4MHz



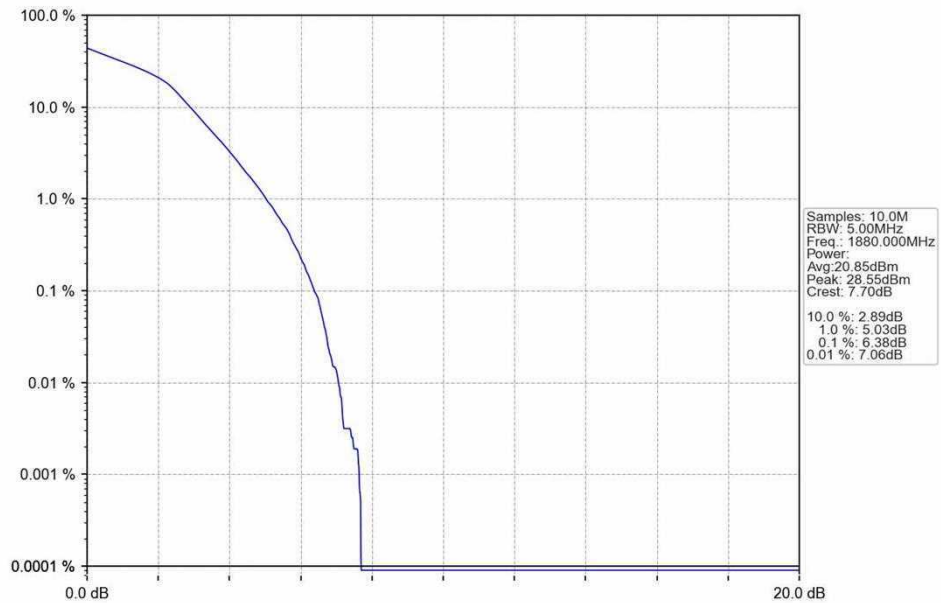
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



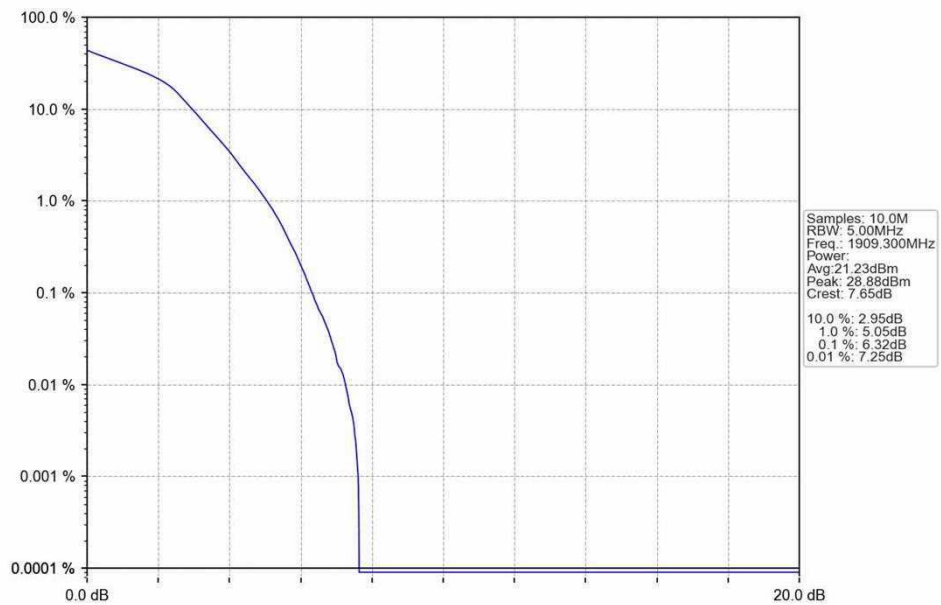
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



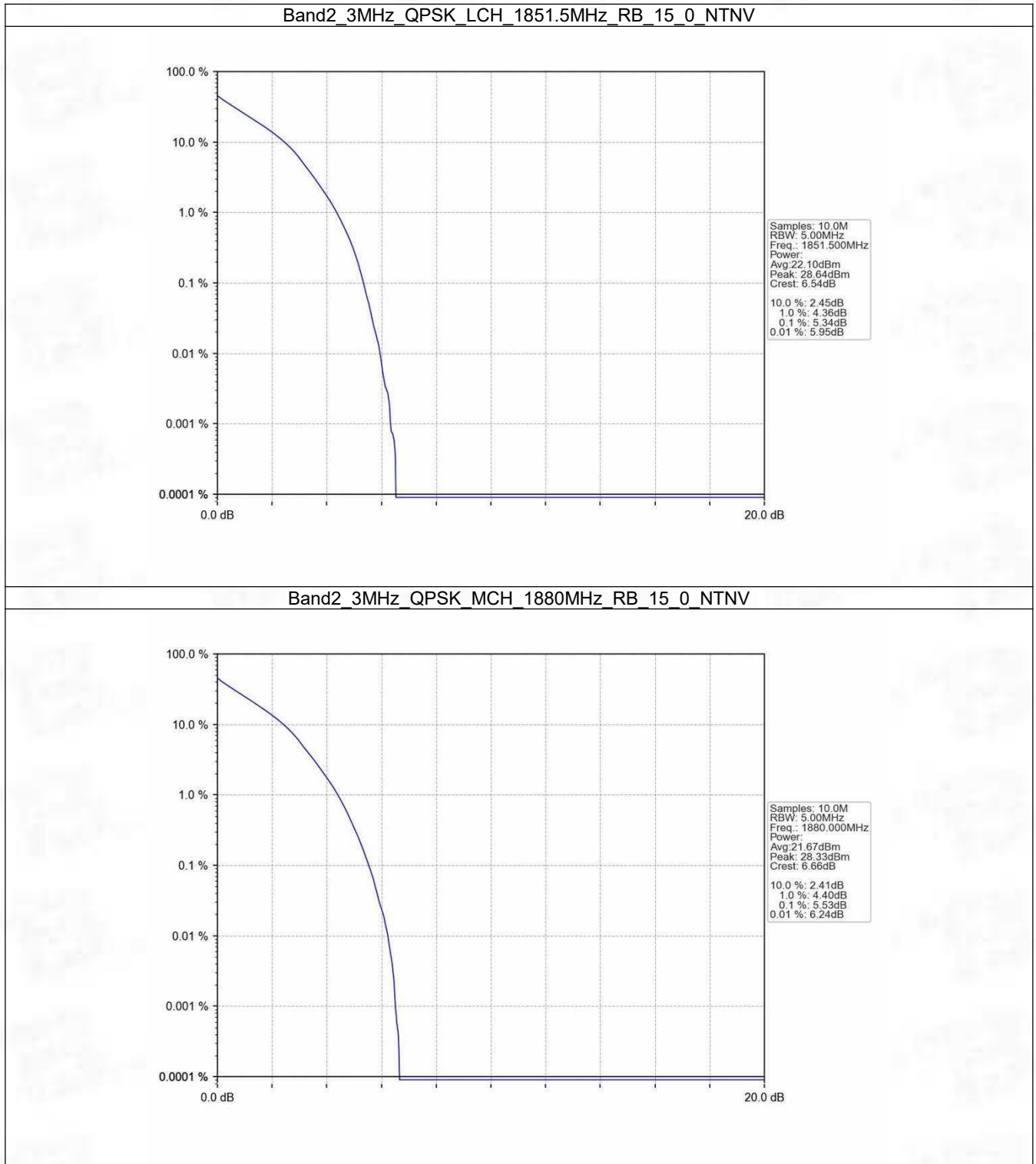
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



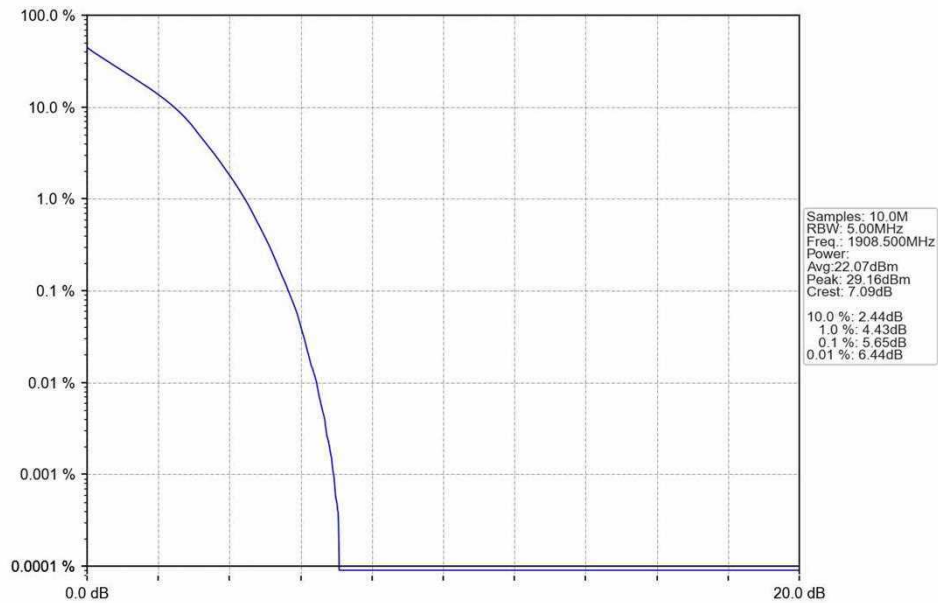
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



5.2.2 B2_3MHz



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

