

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	22.35	0.21	22.56	<=33.01	Pass
			2	22.34	0.21	22.55	<=33.01	Pass
			5	22.30	0.21	22.51	<=33.01	Pass
		3	0	22.38	0.21	22.59	<=33.01	Pass
			2	22.30	0.21	22.51	<=33.01	Pass
			3	22.39	0.21	22.60	<=33.01	Pass
		6	0	21.80	0.21	22.01	<=33.01	Pass
	1880	1	0	22.34	0.21	22.55	<=33.01	Pass
			2	22.36	0.21	22.57	<=33.01	Pass
			5	22.41	0.21	22.62	<=33.01	Pass
		3	0	22.49	0.21	22.70	<=33.01	Pass
			2	22.44	0.21	22.65	<=33.01	Pass
			3	22.46	0.21	22.67	<=33.01	Pass
		6	0	22.03	0.21	22.24	<=33.01	Pass
	1909.3	1	0	22.58	0.21	22.79	<=33.01	Pass
			2	22.56	0.21	22.77	<=33.01	Pass
			5	22.54	0.21	22.75	<=33.01	Pass
		3	0	22.65	0.21	22.86	<=33.01	Pass
			2	22.58	0.21	22.79	<=33.01	Pass
			3	22.55	0.21	22.76	<=33.01	Pass
		6	0	21.98	0.21	22.19	<=33.01	Pass
16QAM	1850.7	1	0	21.38	0.21	21.59	<=33.01	Pass
			2	21.38	0.21	21.59	<=33.01	Pass
			5	21.37	0.21	21.58	<=33.01	Pass
		3	0	21.72	0.21	21.93	<=33.01	Pass
			2	21.76	0.21	21.97	<=33.01	Pass
			3	21.74	0.21	21.95	<=33.01	Pass
		6	0	20.95	0.21	21.16	<=33.01	Pass
	1880	1	0	22.21	0.21	22.42	<=33.01	Pass
			2	22.27	0.21	22.48	<=33.01	Pass
			5	22.23	0.21	22.44	<=33.01	Pass
		3	0	22.15	0.21	22.36	<=33.01	Pass
			2	22.11	0.21	22.32	<=33.01	Pass
			3	22.15	0.21	22.36	<=33.01	Pass
		6	0	21.08	0.21	21.29	<=33.01	Pass
	1909.3	1	0	21.61	0.21	21.82	<=33.01	Pass
			2	21.63	0.21	21.84	<=33.01	Pass
			5	21.67	0.21	21.88	<=33.01	Pass
		3	0	21.99	0.21	22.20	<=33.01	Pass
			2	21.97	0.21	22.18	<=33.01	Pass
			3	21.97	0.21	22.18	<=33.01	Pass
		6	0	21.19	0.21	21.40	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	22.32	0.21	22.53	<=33.01	Pass		
			7	22.39	0.21	22.60	<=33.01	Pass		
			14	22.41	0.21	22.62	<=33.01	Pass		
		8	0	21.87	0.21	22.08	<=33.01	Pass		
			4	21.85	0.21	22.06	<=33.01	Pass		
			7	21.86	0.21	22.07	<=33.01	Pass		
		15	0	21.88	0.21	22.09	<=33.01	Pass		
		1880	1	0	22.43	0.21	22.64	<=33.01	Pass	
				7	22.39	0.21	22.60	<=33.01	Pass	
	14			22.46	0.21	22.67	<=33.01	Pass		
	8		0	21.93	0.21	22.14	<=33.01	Pass		
			4	21.97	0.21	22.18	<=33.01	Pass		
			7	21.94	0.21	22.15	<=33.01	Pass		
	15		0	21.92	0.21	22.13	<=33.01	Pass		
	1908.5		1	0	22.53	0.21	22.74	<=33.01	Pass	
				7	22.55	0.21	22.76	<=33.01	Pass	
		14		22.56	0.21	22.77	<=33.01	Pass		
		8	0	22.16	0.21	22.37	<=33.01	Pass		
			4	22.08	0.21	22.29	<=33.01	Pass		
			7	22.18	0.21	22.39	<=33.01	Pass		
		15	0	22.20	0.21	22.41	<=33.01	Pass		
		16QAM	1851.5	1	0	21.74	0.21	21.95	<=33.01	Pass
					7	21.82	0.21	22.03	<=33.01	Pass
	14				21.75	0.21	21.96	<=33.01	Pass	
8	0			21.18	0.21	21.39	<=33.01	Pass		
	4			21.13	0.21	21.34	<=33.01	Pass		
	7			21.20	0.21	21.41	<=33.01	Pass		
15	0			21.03	0.21	21.24	<=33.01	Pass		
1880	1			0	22.54	0.21	22.75	<=33.01	Pass	
				7	22.58	0.21	22.79	<=33.01	Pass	
			14	22.52	0.21	22.73	<=33.01	Pass		
	8		0	21.19	0.21	21.40	<=33.01	Pass		
			4	21.17	0.21	21.38	<=33.01	Pass		
			7	21.14	0.21	21.35	<=33.01	Pass		
	15		0	21.08	0.21	21.29	<=33.01	Pass		
	1908.5		1	0	22.55	0.21	22.76	<=33.01	Pass	
				7	22.53	0.21	22.74	<=33.01	Pass	
14				22.52	0.21	22.73	<=33.01	Pass		
8			0	21.47	0.21	21.68	<=33.01	Pass		
			4	21.51	0.21	21.72	<=33.01	Pass		
			7	21.49	0.21	21.70	<=33.01	Pass		
15			0	21.30	0.21	21.51	<=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	22.42	0.21	22.63	<=33.01	Pass
			13	22.21	0.21	22.42	<=33.01	Pass
			24	22.29	0.21	22.50	<=33.01	Pass

16QAM	1880	12	0	21.96	0.21	22.17	<=33.01	Pass
			6	21.86	0.21	22.07	<=33.01	Pass
			13	21.81	0.21	22.02	<=33.01	Pass
		25	0	21.90	0.21	22.11	<=33.01	Pass
			0	22.48	0.21	22.69	<=33.01	Pass
			13	22.52	0.21	22.73	<=33.01	Pass
			24	22.51	0.21	22.72	<=33.01	Pass
		12	0	22.05	0.21	22.26	<=33.01	Pass
			6	21.93	0.21	22.14	<=33.01	Pass
			13	21.98	0.21	22.19	<=33.01	Pass
		25	0	21.96	0.21	22.17	<=33.01	Pass
			0	22.57	0.21	22.78	<=33.01	Pass
			13	22.59	0.21	22.80	<=33.01	Pass
		12	24	22.59	0.21	22.80	<=33.01	Pass
			0	22.13	0.21	22.34	<=33.01	Pass
			6	22.18	0.21	22.39	<=33.01	Pass
			13	22.20	0.21	22.41	<=33.01	Pass
		25	0	22.10	0.21	22.31	<=33.01	Pass
	1852.5	1	0	21.99	0.21	22.20	<=33.01	Pass
			13	21.99	0.21	22.20	<=33.01	Pass
			24	22.06	0.21	22.27	<=33.01	Pass
		12	0	21.00	0.21	21.21	<=33.01	Pass
			6	21.01	0.21	21.22	<=33.01	Pass
			13	21.06	0.21	21.27	<=33.01	Pass
		25	0	21.07	0.21	21.28	<=33.01	Pass
		1	0	22.13	0.21	22.34	<=33.01	Pass
			13	22.13	0.21	22.34	<=33.01	Pass
			24	22.16	0.21	22.37	<=33.01	Pass
	1880	12	0	21.02	0.21	21.23	<=33.01	Pass
			6	21.06	0.21	21.27	<=33.01	Pass
			13	21.10	0.21	21.31	<=33.01	Pass
		25	0	21.04	0.21	21.25	<=33.01	Pass
			0	21.40	0.21	21.61	<=33.01	Pass
			13	21.36	0.21	21.57	<=33.01	Pass
			24	21.38	0.21	21.59	<=33.01	Pass
		12	0	21.19	0.21	21.40	<=33.01	Pass
			6	21.17	0.21	21.38	<=33.01	Pass
			13	21.19	0.21	21.40	<=33.01	Pass
		25	0	21.25	0.21	21.46	<=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	22.25	0.21	22.46	<=33.01	Pass
			25	22.30	0.21	22.51	<=33.01	Pass
			49	22.33	0.21	22.54	<=33.01	Pass
		25	0	21.91	0.21	22.12	<=33.01	Pass
			13	21.79	0.21	22.00	<=33.01	Pass
			25	22.04	0.21	22.25	<=33.01	Pass
		50	0	22.01	0.21	22.22	<=33.01	Pass
			0	22.42	0.21	22.63	<=33.01	Pass
			25	22.44	0.21	22.65	<=33.01	Pass
	1880	1	49	22.50	0.21	22.71	<=33.01	Pass
			0	22.10	0.21	22.31	<=33.01	Pass
			13	22.00	0.21	22.21	<=33.01	Pass

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16QAM	1905	50	25	22.08	0.21	22.29	<=33.01	Pass
			0	21.94	0.21	22.15	<=33.01	Pass
		1	0	22.66	0.21	22.87	<=33.01	Pass
			25	22.64	0.21	22.85	<=33.01	Pass
			49	22.71	0.21	22.92	<=33.01	Pass
		25	0	22.08	0.21	22.29	<=33.01	Pass
			13	22.07	0.21	22.28	<=33.01	Pass
			25	22.14	0.21	22.35	<=33.01	Pass
		50	0	22.07	0.21	22.28	<=33.01	Pass
	1855	1	0	22.77	0.21	22.98	<=33.01	Pass
			25	22.77	0.21	22.98	<=33.01	Pass
			49	22.80	0.21	23.01	<=33.01	Pass
		25	0	21.02	0.21	21.23	<=33.01	Pass
			13	21.14	0.21	21.35	<=33.01	Pass
			25	21.07	0.21	21.28	<=33.01	Pass
		50	0	21.08	0.21	21.29	<=33.01	Pass
	1880	1	0	22.19	0.21	22.40	<=33.01	Pass
			25	22.20	0.21	22.41	<=33.01	Pass
			49	22.23	0.21	22.44	<=33.01	Pass
		25	0	21.08	0.21	21.29	<=33.01	Pass
			13	21.15	0.21	21.36	<=33.01	Pass
			25	21.12	0.21	21.33	<=33.01	Pass
		50	0	21.07	0.21	21.28	<=33.01	Pass
	1905	1	0	21.58	0.21	21.79	<=33.01	Pass
			25	21.70	0.21	21.91	<=33.01	Pass
			49	21.71	0.21	21.92	<=33.01	Pass
		25	0	21.30	0.21	21.51	<=33.01	Pass
			13	21.32	0.21	21.53	<=33.01	Pass
			25	21.35	0.21	21.56	<=33.01	Pass
		50	0	21.27	0.21	21.48	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	22.30	0.21	22.51	<=33.01	Pass
			38	22.35	0.21	22.56	<=33.01	Pass
			74	22.33	0.21	22.54	<=33.01	Pass
		36	0	21.97	0.21	22.18	<=33.01	Pass
			18	21.93	0.21	22.14	<=33.01	Pass
			39	21.99	0.21	22.20	<=33.01	Pass
		75	0	21.93	0.21	22.14	<=33.01	Pass
	1880	1	0	22.39	0.21	22.60	<=33.01	Pass
			38	22.44	0.21	22.65	<=33.01	Pass
			74	22.54	0.21	22.75	<=33.01	Pass
		36	0	21.98	0.21	22.19	<=33.01	Pass
			18	21.94	0.21	22.15	<=33.01	Pass
			39	22.06	0.21	22.27	<=33.01	Pass
		75	0	22.02	0.21	22.23	<=33.01	Pass
	1902.5	1	0	22.52	0.21	22.73	<=33.01	Pass
			38	22.53	0.21	22.74	<=33.01	Pass
			74	22.60	0.21	22.81	<=33.01	Pass
		36	0	22.15	0.21	22.36	<=33.01	Pass
			18	22.18	0.21	22.39	<=33.01	Pass
			39	22.19	0.21	22.40	<=33.01	Pass
		75	0	22.11	0.21	22.32	<=33.01	Pass

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16QAM	1857.5	1	0	22.28	0.21	22.49	<=33.01	Pass
			38	22.30	0.21	22.51	<=33.01	Pass
			74	22.24	0.21	22.45	<=33.01	Pass
		36	0	21.05	0.21	21.26	<=33.01	Pass
			18	21.02	0.21	21.23	<=33.01	Pass
			39	21.01	0.21	21.22	<=33.01	Pass
		75	0	21.07	0.21	21.28	<=33.01	Pass
	1880	1	0	22.21	0.21	22.42	<=33.01	Pass
			38	22.31	0.21	22.52	<=33.01	Pass
			74	22.39	0.21	22.60	<=33.01	Pass
		36	0	21.18	0.21	21.39	<=33.01	Pass
			18	21.18	0.21	21.39	<=33.01	Pass
			39	21.19	0.21	21.40	<=33.01	Pass
		75	0	21.16	0.21	21.37	<=33.01	Pass
	1902.5	1	0	22.33	0.21	22.54	<=33.01	Pass
			38	22.35	0.21	22.56	<=33.01	Pass
			74	22.43	0.21	22.64	<=33.01	Pass
		36	0	21.32	0.21	21.53	<=33.01	Pass
			18	21.36	0.21	21.57	<=33.01	Pass
			39	21.33	0.21	21.54	<=33.01	Pass
		75	0	21.22	0.21	21.43	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.42	0.21	22.63	<=33.01	Pass
			50	22.46	0.21	22.67	<=33.01	Pass
			99	22.49	0.21	22.70	<=33.01	Pass
		50	0	21.88	0.21	22.09	<=33.01	Pass
			25	21.92	0.21	22.13	<=33.01	Pass
			50	22.01	0.21	22.22	<=33.01	Pass
		100	0	21.88	0.21	22.09	<=33.01	Pass
	1880	1	0	22.54	0.21	22.75	<=33.01	Pass
			50	22.51	0.21	22.72	<=33.01	Pass
			99	22.66	0.21	22.87	<=33.01	Pass
		50	0	21.98	0.21	22.19	<=33.01	Pass
			25	21.97	0.21	22.18	<=33.01	Pass
			50	22.08	0.21	22.29	<=33.01	Pass
		100	0	21.98	0.21	22.19	<=33.01	Pass
	1900	1	0	22.64	0.21	22.85	<=33.01	Pass
			50	22.68	0.21	22.89	<=33.01	Pass
			99	22.76	0.21	22.97	<=33.01	Pass
		50	0	22.15	0.21	22.36	<=33.01	Pass
			25	22.12	0.21	22.33	<=33.01	Pass
			50	22.13	0.21	22.34	<=33.01	Pass
		100	0	22.12	0.21	22.33	<=33.01	Pass
16QAM	1860	1	0	22.63	0.21	22.84	<=33.01	Pass
			50	22.66	0.21	22.87	<=33.01	Pass
			99	22.75	0.21	22.96	<=33.01	Pass
		50	0	21.09	0.21	21.30	<=33.01	Pass
			25	21.01	0.21	21.22	<=33.01	Pass
			50	20.98	0.21	21.19	<=33.01	Pass
		100	0	21.16	0.21	21.37	<=33.01	Pass
	1880	1	0	22.05	0.21	22.26	<=33.01	Pass
			50	22.07	0.21	22.28	<=33.01	Pass

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		50	99	22.16	0.21	22.37	<=33.01	Pass
			0	21.19	0.21	21.40	<=33.01	Pass
			25	21.21	0.21	21.42	<=33.01	Pass
			50	21.25	0.21	21.46	<=33.01	Pass
	1900	100	0	21.10	0.21	21.31	<=33.01	Pass
			0	22.04	0.21	22.25	<=33.01	Pass
			50	22.11	0.21	22.32	<=33.01	Pass
		1	99	22.21	0.21	22.42	<=33.01	Pass
			0	21.25	0.21	21.46	<=33.01	Pass
			25	21.34	0.21	21.55	<=33.01	Pass
			50	21.31	0.21	21.52	<=33.01	Pass
		100	0	21.22	0.21	21.43	<=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	-24.276	-0.0131	-2.5 to 2.5	Pass
					3.85	-23.661	-0.0128	-2.5 to 2.5	Pass
					4.43	19.155	0.0104	-2.5 to 2.5	Pass
				-30	3.85	10.300	0.0056	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	25.449	0.0138	-2.5 to 2.5	Pass
				0	3.85	29.869	0.0161	-2.5 to 2.5	Pass
				10	3.85	23.360	0.0126	-2.5 to 2.5	Pass
				30	3.85	8.898	0.0048	-2.5 to 2.5	Pass
				40	3.85	10.200	0.0055	-2.5 to 2.5	Pass
				50	3.85	16.394	0.0089	-2.5 to 2.5	Pass
				1880	6	0	20	3.27	-13.919
	3.85	-29.397	-0.0156					-2.5 to 2.5	Pass
	4.43	-28.038	-0.0149					-2.5 to 2.5	Pass
	-30	3.85	-24.719				-0.0131	-2.5 to 2.5	Pass
	-20	3.85	-46.849				-0.0249	-2.5 to 2.5	Pass
	-10	3.85	2.389				0.0013	-2.5 to 2.5	Pass
	0	3.85	-10.657				-0.0057	-2.5 to 2.5	Pass
	10	3.85	-8.154				-0.0043	-2.5 to 2.5	Pass
	30	3.85	-15.106				-0.0080	-2.5 to 2.5	Pass
	40	3.85	-23.389				-0.0124	-2.5 to 2.5	Pass
	50	3.85	-19.741				-0.0105	-2.5 to 2.5	Pass
	1909.3	6	0				20	3.27	7.296
				3.85	-11.058	-0.0058		-2.5 to 2.5	Pass
				4.43	10.185	0.0053		-2.5 to 2.5	Pass
				-30	3.85	-31.128	-0.0163	-2.5 to 2.5	Pass
				-20	3.85	-46.077	-0.0241	-2.5 to 2.5	Pass
				-10	3.85	-45.848	-0.0240	-2.5 to 2.5	Pass
				0	3.85	-41.456	-0.0217	-2.5 to 2.5	Pass
				10	3.85	-27.466	-0.0144	-2.5 to 2.5	Pass
				30	3.85	-30.041	-0.0157	-2.5 to 2.5	Pass
				40	3.85	-10.157	-0.0053	-2.5 to 2.5	Pass
				50	3.85	28.496	0.0149	-2.5 to 2.5	Pass

16QAM	1850.7	6	0	20	3.27	34.647	0.0187	-2.5 to 2.5	Pass
					3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
					4.43	-10.543	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	14.205	0.0077	-2.5 to 2.5	Pass
				-10	3.85	34.318	0.0185	-2.5 to 2.5	Pass
				0	3.85	-12.016	-0.0065	-2.5 to 2.5	Pass
				10	3.85	9.270	0.0050	-2.5 to 2.5	Pass
				30	3.85	34.032	0.0184	-2.5 to 2.5	Pass
				40	3.85	30.813	0.0166	-2.5 to 2.5	Pass
				50	3.85	1.688	0.0009	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-26.722	-0.0142	-2.5 to 2.5	Pass
					3.85	-32.258	-0.0172	-2.5 to 2.5	Pass
					4.43	-38.409	-0.0204	-2.5 to 2.5	Pass
				-30	3.85	-12.674	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-16.994	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-18.997	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-27.823	-0.0148	-2.5 to 2.5	Pass
				10	3.85	-41.828	-0.0222	-2.5 to 2.5	Pass
				30	3.85	14.148	0.0075	-2.5 to 2.5	Pass
				40	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				50	3.85	-9.885	-0.0053	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-0.072	0.0000	-2.5 to 2.5	Pass
					3.85	10.757	0.0056	-2.5 to 2.5	Pass
					4.43	4.106	0.0022	-2.5 to 2.5	Pass
				-30	3.85	11.072	0.0058	-2.5 to 2.5	Pass
				-20	3.85	5.436	0.0028	-2.5 to 2.5	Pass
				-10	3.85	15.264	0.0080	-2.5 to 2.5	Pass
				0	3.85	38.724	0.0203	-2.5 to 2.5	Pass
				10	3.85	43.287	0.0227	-2.5 to 2.5	Pass
				30	3.85	20.986	0.0110	-2.5 to 2.5	Pass
				40	3.85	34.246	0.0179	-2.5 to 2.5	Pass
				50	3.85	22.559	0.0118	-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	13.790	0.0074	-2.5 to 2.5	Pass
					3.85	25.477	0.0138	-2.5 to 2.5	Pass
					4.43	-5.121	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	21.572	0.0117	-2.5 to 2.5	Pass
				-20	3.85	30.184	0.0163	-2.5 to 2.5	Pass
				-10	3.85	20.127	0.0109	-2.5 to 2.5	Pass
				0	3.85	25.821	0.0139	-2.5 to 2.5	Pass
				10	3.85	32.444	0.0175	-2.5 to 2.5	Pass
				30	3.85	17.753	0.0096	-2.5 to 2.5	Pass
				40	3.85	36.120	0.0195	-2.5 to 2.5	Pass
				50	3.85	18.468	0.0100	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-17.209	-0.0092	-2.5 to 2.5	Pass
					3.85	-19.526	-0.0104	-2.5 to 2.5	Pass
					4.43	1.373	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-32.129	-0.0171	-2.5 to 2.5	Pass
				-20	3.85	13.590	0.0072	-2.5 to 2.5	Pass
				-10	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				0	3.85	34.733	0.0185	-2.5 to 2.5	Pass
				10	3.85	15.750	0.0084	-2.5 to 2.5	Pass

16QAM	1908.5	15	0	30	3.85	22.988	0.0122	-2.5 to 2.5	Pass
				40	3.85	5.994	0.0032	-2.5 to 2.5	Pass
				50	3.85	25.620	0.0136	-2.5 to 2.5	Pass
				20	3.27	-36.407	-0.0191	-2.5 to 2.5	Pass
					3.85	4.964	0.0026	-2.5 to 2.5	Pass
					4.43	27.008	0.0142	-2.5 to 2.5	Pass
				-30	3.85	-23.503	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	21.830	0.0114	-2.5 to 2.5	Pass
				-10	3.85	12.045	0.0063	-2.5 to 2.5	Pass
				0	3.85	36.807	0.0193	-2.5 to 2.5	Pass
				10	3.85	35.663	0.0187	-2.5 to 2.5	Pass
				30	3.85	17.710	0.0093	-2.5 to 2.5	Pass
				40	3.85	27.480	0.0144	-2.5 to 2.5	Pass
				50	3.85	33.374	0.0175	-2.5 to 2.5	Pass
	1851.5	15	0	20	3.27	4.478	0.0024	-2.5 to 2.5	Pass
					3.85	26.135	0.0141	-2.5 to 2.5	Pass
					4.43	36.893	0.0199	-2.5 to 2.5	Pass
				-30	3.85	8.283	0.0045	-2.5 to 2.5	Pass
				-20	3.85	27.881	0.0151	-2.5 to 2.5	Pass
				-10	3.85	18.568	0.0100	-2.5 to 2.5	Pass
				0	3.85	4.563	0.0025	-2.5 to 2.5	Pass
				10	3.85	29.583	0.0160	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				40	3.85	28.639	0.0155	-2.5 to 2.5	Pass
				50	3.85	32.129	0.0174	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	38.753	0.0206	-2.5 to 2.5	Pass
					3.85	6.008	0.0032	-2.5 to 2.5	Pass
					4.43	9.141	0.0049	-2.5 to 2.5	Pass
				-30	3.85	27.452	0.0146	-2.5 to 2.5	Pass
				-20	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				0	3.85	10.128	0.0054	-2.5 to 2.5	Pass
				10	3.85	21.915	0.0117	-2.5 to 2.5	Pass
				30	3.85	5.236	0.0028	-2.5 to 2.5	Pass
				40	3.85	25.263	0.0134	-2.5 to 2.5	Pass
				50	3.85	-18.897	-0.0101	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	10.228	0.0054	-2.5 to 2.5	Pass
					3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
					4.43	-6.123	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	8.640	0.0045	-2.5 to 2.5	Pass
				-20	3.85	18.911	0.0099	-2.5 to 2.5	Pass
				-10	3.85	25.234	0.0132	-2.5 to 2.5	Pass
				0	3.85	6.866	0.0036	-2.5 to 2.5	Pass
				10	3.85	25.434	0.0133	-2.5 to 2.5	Pass
				30	3.85	37.608	0.0197	-2.5 to 2.5	Pass
				40	3.85	39.082	0.0205	-2.5 to 2.5	Pass
				50	3.85	26.779	0.0140	-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	-15.650	-0.0084	-2.5 to 2.5	Pass
					3.85	19.255	0.0104	-2.5 to 2.5	Pass
					4.43	9.928	0.0054	-2.5 to 2.5	Pass
				-30	3.85	36.950	0.0199	-2.5 to 2.5	Pass
				-20	3.85	36.607	0.0198	-2.5 to 2.5	Pass

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Version: 1/00

16QAM	1880	25	0	-10	3.85	22.674	0.0122	-2.5 to 2.5	Pass
				0	3.85	24.233	0.0131	-2.5 to 2.5	Pass
				10	3.85	7.195	0.0039	-2.5 to 2.5	Pass
				30	3.85	25.764	0.0139	-2.5 to 2.5	Pass
				40	3.85	34.790	0.0188	-2.5 to 2.5	Pass
				50	3.85	25.721	0.0139	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-33.016	-0.0176	-2.5 to 2.5	Pass
					3.85	-19.798	-0.0105	-2.5 to 2.5	Pass
					4.43	-35.777	-0.0190	-2.5 to 2.5	Pass
				-30	3.85	-23.704	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-27.680	-0.0147	-2.5 to 2.5	Pass
				-10	3.85	-10.715	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-29.168	-0.0155	-2.5 to 2.5	Pass
				10	3.85	19.183	0.0102	-2.5 to 2.5	Pass
				30	3.85	-44.904	-0.0239	-2.5 to 2.5	Pass
				40	3.85	23.303	0.0124	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-35.591	-0.0187	-2.5 to 2.5	Pass
					3.85	41.699	0.0219	-2.5 to 2.5	Pass
					4.43	29.883	0.0157	-2.5 to 2.5	Pass
				-30	3.85	4.735	0.0025	-2.5 to 2.5	Pass
				-20	3.85	12.460	0.0065	-2.5 to 2.5	Pass
				-10	3.85	14.305	0.0075	-2.5 to 2.5	Pass
				0	3.85	28.067	0.0147	-2.5 to 2.5	Pass
				10	3.85	30.112	0.0158	-2.5 to 2.5	Pass
				30	3.85	29.240	0.0153	-2.5 to 2.5	Pass
				40	3.85	-3.891	-0.0020	-2.5 to 2.5	Pass
				50	3.85	12.846	0.0067	-2.5 to 2.5	Pass
	1852.5	25	0	20	3.27	29.397	0.0159	-2.5 to 2.5	Pass
					3.85	14.319	0.0077	-2.5 to 2.5	Pass
					4.43	35.319	0.0191	-2.5 to 2.5	Pass
				-30	3.85	37.394	0.0202	-2.5 to 2.5	Pass
				-20	3.85	24.133	0.0130	-2.5 to 2.5	Pass
				-10	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				0	3.85	28.839	0.0156	-2.5 to 2.5	Pass
				10	3.85	14.634	0.0079	-2.5 to 2.5	Pass
				30	3.85	8.841	0.0048	-2.5 to 2.5	Pass
				40	3.85	12.846	0.0069	-2.5 to 2.5	Pass
				50	3.85	16.508	0.0089	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-7.324	-0.0039	-2.5 to 2.5	Pass
					3.85	-13.618	-0.0072	-2.5 to 2.5	Pass
					4.43	-45.147	-0.0240	-2.5 to 2.5	Pass
				-30	3.85	6.180	0.0033	-2.5 to 2.5	Pass
				-20	3.85	15.078	0.0080	-2.5 to 2.5	Pass
				-10	3.85	-17.796	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-30.270	-0.0161	-2.5 to 2.5	Pass
				10	3.85	26.507	0.0141	-2.5 to 2.5	Pass
				30	3.85	31.214	0.0166	-2.5 to 2.5	Pass
				40	3.85	7.138	0.0038	-2.5 to 2.5	Pass
				50	3.85	-14.405	-0.0077	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	33.431	0.0175	-2.5 to 2.5	Pass
					3.85	-43.058	-0.0226	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-15.492	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	19.598	0.0103	-2.5 to 2.5	Pass
				-10	3.85	11.702	0.0061	-2.5 to 2.5	Pass
				0	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				10	3.85	16.179	0.0085	-2.5 to 2.5	Pass
				30	3.85	42.243	0.0221	-2.5 to 2.5	Pass

				40	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-14.563	-0.0076	-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	-11.358	-0.0061	-2.5 to 2.5	Pass
					3.85	-39.954	-0.0215	-2.5 to 2.5	Pass
					4.43	3.147	0.0017	-2.5 to 2.5	Pass
				-30	3.85	21.086	0.0114	-2.5 to 2.5	Pass
				-20	3.85	-23.046	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	4.592	0.0025	-2.5 to 2.5	Pass
				0	3.85	6.924	0.0037	-2.5 to 2.5	Pass
				10	3.85	44.775	0.0241	-2.5 to 2.5	Pass
				30	3.85	-31.257	-0.0169	-2.5 to 2.5	Pass
				40	3.85	25.091	0.0135	-2.5 to 2.5	Pass
				50	3.85	23.661	0.0128	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-42.400	-0.0226	-2.5 to 2.5	Pass
					3.85	25.978	0.0138	-2.5 to 2.5	Pass
					4.43	19.097	0.0102	-2.5 to 2.5	Pass
				-30	3.85	21.601	0.0115	-2.5 to 2.5	Pass
				-20	3.85	30.785	0.0164	-2.5 to 2.5	Pass
				-10	3.85	21.901	0.0116	-2.5 to 2.5	Pass
				0	3.85	24.705	0.0131	-2.5 to 2.5	Pass
				10	3.85	35.234	0.0187	-2.5 to 2.5	Pass
				30	3.85	27.795	0.0148	-2.5 to 2.5	Pass
				40	3.85	17.996	0.0096	-2.5 to 2.5	Pass
				50	3.85	33.746	0.0180	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-25.320	-0.0133	-2.5 to 2.5	Pass
					3.85	-23.961	-0.0126	-2.5 to 2.5	Pass
					4.43	-12.345	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-12.460	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-10.228	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-12.574	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass
				30	3.85	2.661	0.0014	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	41.084	0.0221	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0034	-2.5 to 2.5	Pass
					4.43	-15.664	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	18.582	0.0100	-2.5 to 2.5	Pass
				-20	3.85	37.336	0.0201	-2.5 to 2.5	Pass
				-10	3.85	20.084	0.0108	-2.5 to 2.5	Pass
				0	3.85	16.437	0.0089	-2.5 to 2.5	Pass
				10	3.85	32.616	0.0176	-2.5 to 2.5	Pass
				30	3.85	34.289	0.0185	-2.5 to 2.5	Pass
				40	3.85	26.221	0.0141	-2.5 to 2.5	Pass
				50	3.85	24.462	0.0132	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	17.953	0.0095	-2.5 to 2.5	Pass
					3.85	28.567	0.0152	-2.5 to 2.5	Pass
					4.43	20.971	0.0112	-2.5 to 2.5	Pass
				-30	3.85	14.262	0.0076	-2.5 to 2.5	Pass
				-20	3.85	31.943	0.0170	-2.5 to 2.5	Pass
				-10	3.85	21.501	0.0114	-2.5 to 2.5	Pass

				0	3.85	23.732	0.0126	-2.5 to 2.5	Pass
				10	3.85	13.976	0.0074	-2.5 to 2.5	Pass
				30	3.85	40.727	0.0217	-2.5 to 2.5	Pass
				40	3.85	39.210	0.0209	-2.5 to 2.5	Pass
				50	3.85	31.314	0.0167	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-5.279	-0.0028	-2.5 to 2.5	Pass
					3.85	-16.837	-0.0088	-2.5 to 2.5	Pass
					4.43	-37.422	-0.0196	-2.5 to 2.5	Pass
				-30	3.85	-9.413	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-13.261	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-14.648	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-21.071	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-20.785	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-13.061	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-14.148	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-6.051	-0.0032	-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	28.539	0.0154	-2.5 to 2.5	Pass
					3.85	36.106	0.0194	-2.5 to 2.5	Pass
					4.43	26.379	0.0142	-2.5 to 2.5	Pass
				-30	3.85	27.423	0.0148	-2.5 to 2.5	Pass
				-20	3.85	31.257	0.0168	-2.5 to 2.5	Pass
				-10	3.85	32.630	0.0176	-2.5 to 2.5	Pass
				0	3.85	14.577	0.0078	-2.5 to 2.5	Pass
				10	3.85	22.187	0.0119	-2.5 to 2.5	Pass
				30	3.85	31.586	0.0170	-2.5 to 2.5	Pass
				40	3.85	24.490	0.0132	-2.5 to 2.5	Pass
	1880	75	0	50	3.85	4.935	0.0027	-2.5 to 2.5	Pass
				20	3.27	12.517	0.0067	-2.5 to 2.5	Pass
					3.85	35.362	0.0188	-2.5 to 2.5	Pass
					4.43	22.044	0.0117	-2.5 to 2.5	Pass
				-30	3.85	25.735	0.0137	-2.5 to 2.5	Pass
				-20	3.85	31.571	0.0168	-2.5 to 2.5	Pass
				-10	3.85	42.143	0.0224	-2.5 to 2.5	Pass
				0	3.85	36.006	0.0192	-2.5 to 2.5	Pass
				10	3.85	22.402	0.0119	-2.5 to 2.5	Pass
				30	3.85	30.799	0.0164	-2.5 to 2.5	Pass
	1902.5	75	0	40	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				50	3.85	17.281	0.0092	-2.5 to 2.5	Pass
				20	3.27	-40.011	-0.0210	-2.5 to 2.5	Pass
					3.85	30.327	0.0159	-2.5 to 2.5	Pass
					4.43	12.746	0.0067	-2.5 to 2.5	Pass
				-30	3.85	17.109	0.0090	-2.5 to 2.5	Pass
				-20	3.85	26.493	0.0139	-2.5 to 2.5	Pass
				-10	3.85	17.982	0.0095	-2.5 to 2.5	Pass
				0	3.85	12.360	0.0065	-2.5 to 2.5	Pass
				10	3.85	34.890	0.0183	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.85	29.111	0.0153	-2.5 to 2.5	Pass
					3.85	17.524	0.0092	-2.5 to 2.5	Pass
					3.85	22.631	0.0119	-2.5 to 2.5	Pass
	1857.5	75	0	20	3.27	-23.217	-0.0125	-2.5 to 2.5	Pass
					3.85	-23.861	-0.0128	-2.5 to 2.5	Pass
					4.43	-24.290	-0.0131	-2.5 to 2.5	Pass

				-30	3.85	-41.785	-0.0225	-2.5 to 2.5	Pass
				-20	3.85	-15.063	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-26.793	-0.0144	-2.5 to 2.5	Pass
				0	3.85	-24.748	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-30.398	-0.0164	-2.5 to 2.5	Pass
				30	3.85	-32.415	-0.0175	-2.5 to 2.5	Pass
				40	3.85	-34.475	-0.0186	-2.5 to 2.5	Pass
				50	3.85	-25.420	-0.0137	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	17.710	0.0094	-2.5 to 2.5	Pass
					3.85	7.982	0.0042	-2.5 to 2.5	Pass
					4.43	32.573	0.0173	-2.5 to 2.5	Pass
				-30	3.85	6.995	0.0037	-2.5 to 2.5	Pass
				-20	3.85	23.475	0.0125	-2.5 to 2.5	Pass
				-10	3.85	37.851	0.0201	-2.5 to 2.5	Pass
				0	3.85	31.857	0.0169	-2.5 to 2.5	Pass
				10	3.85	16.851	0.0090	-2.5 to 2.5	Pass
				30	3.85	43.030	0.0229	-2.5 to 2.5	Pass
				40	3.85	10.672	0.0057	-2.5 to 2.5	Pass
				50	3.85	38.409	0.0204	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	23.217	0.0122	-2.5 to 2.5	Pass
					3.85	34.690	0.0182	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	26.264	0.0138	-2.5 to 2.5	Pass
				-20	3.85	27.194	0.0143	-2.5 to 2.5	Pass
				-10	3.85	33.145	0.0174	-2.5 to 2.5	Pass
				0	3.85	19.641	0.0103	-2.5 to 2.5	Pass
				10	3.85	33.402	0.0176	-2.5 to 2.5	Pass
				30	3.85	15.092	0.0079	-2.5 to 2.5	Pass
				40	3.85	32.487	0.0171	-2.5 to 2.5	Pass
				50	3.85	21.315	0.0112	-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	22.674	0.0122	-2.5 to 2.5	Pass
					3.85	26.593	0.0143	-2.5 to 2.5	Pass
					4.43	20.313	0.0109	-2.5 to 2.5	Pass
				-30	3.85	23.890	0.0128	-2.5 to 2.5	Pass
				-20	3.85	13.061	0.0070	-2.5 to 2.5	Pass
				-10	3.85	32.945	0.0177	-2.5 to 2.5	Pass
				0	3.85	12.374	0.0067	-2.5 to 2.5	Pass
				10	3.85	19.698	0.0106	-2.5 to 2.5	Pass
				30	3.85	29.240	0.0157	-2.5 to 2.5	Pass
				40	3.85	24.090	0.0130	-2.5 to 2.5	Pass
	1880	100	0	20	3.85	22.759	0.0122	-2.5 to 2.5	Pass
					3.27	25.635	0.0136	-2.5 to 2.5	Pass
					3.85	28.310	0.0151	-2.5 to 2.5	Pass
					4.43	24.734	0.0132	-2.5 to 2.5	Pass
				-30	3.85	23.274	0.0124	-2.5 to 2.5	Pass
				-20	3.85	20.785	0.0111	-2.5 to 2.5	Pass
				-10	3.85	7.682	0.0041	-2.5 to 2.5	Pass
				0	3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-40.112	-0.0213	-2.5 to 2.5	Pass
				30	3.85	-23.832	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-26.779	-0.0142	-2.5 to 2.5	Pass
				50	3.85	-11.015	-0.0059	-2.5 to 2.5	Pass

16QAM	1900	100	0	20	3.27	-10.414	-0.0055	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.43	27.852	0.0147	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				-20	3.85	18.497	0.0097	-2.5 to 2.5	Pass
				-10	3.85	25.249	0.0133	-2.5 to 2.5	Pass
				0	3.85	40.398	0.0213	-2.5 to 2.5	Pass
				10	3.85	43.588	0.0229	-2.5 to 2.5	Pass
				30	3.85	44.861	0.0236	-2.5 to 2.5	Pass
				40	3.85	47.650	0.0251	-2.5 to 2.5	Pass
				50	3.85	4.277	0.0023	-2.5 to 2.5	Pass
	1860	100	0	20	3.27	26.236	0.0141	-2.5 to 2.5	Pass
					3.85	31.314	0.0168	-2.5 to 2.5	Pass
					4.43	26.379	0.0142	-2.5 to 2.5	Pass
				-30	3.85	18.368	0.0099	-2.5 to 2.5	Pass
				-20	3.85	14.305	0.0077	-2.5 to 2.5	Pass
				-10	3.85	14.319	0.0077	-2.5 to 2.5	Pass
				0	3.85	19.326	0.0104	-2.5 to 2.5	Pass
				10	3.85	27.423	0.0147	-2.5 to 2.5	Pass
				30	3.85	37.522	0.0202	-2.5 to 2.5	Pass
				40	3.85	27.165	0.0146	-2.5 to 2.5	Pass
16QAM	1880	100	0	20	3.27	-29.984	-0.0159	-2.5 to 2.5	Pass
					3.85	-32.573	-0.0173	-2.5 to 2.5	Pass
					4.43	-20.099	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-32.344	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-14.648	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-23.603	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-43.874	-0.0233	-2.5 to 2.5	Pass
				10	3.85	11.687	0.0062	-2.5 to 2.5	Pass
				30	3.85	18.883	0.0100	-2.5 to 2.5	Pass
				40	3.85	25.764	0.0137	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	5.536	0.0029	-2.5 to 2.5	Pass
					3.85	-12.717	-0.0067	-2.5 to 2.5	Pass
					4.43	-13.890	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-24.891	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	-27.151	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-34.575	-0.0182	-2.5 to 2.5	Pass
				0	3.85	-36.564	-0.0192	-2.5 to 2.5	Pass
				10	3.85	-45.376	-0.0239	-2.5 to 2.5	Pass
				30	3.85	-43.530	-0.0229	-2.5 to 2.5	Pass
				40	3.85	-45.877	-0.0241	-2.5 to 2.5	Pass
				50	3.85	-47.922	-0.0252	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

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

3.1.2 B2_3MHz

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

3.1.3 B2_5MHz

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

3.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

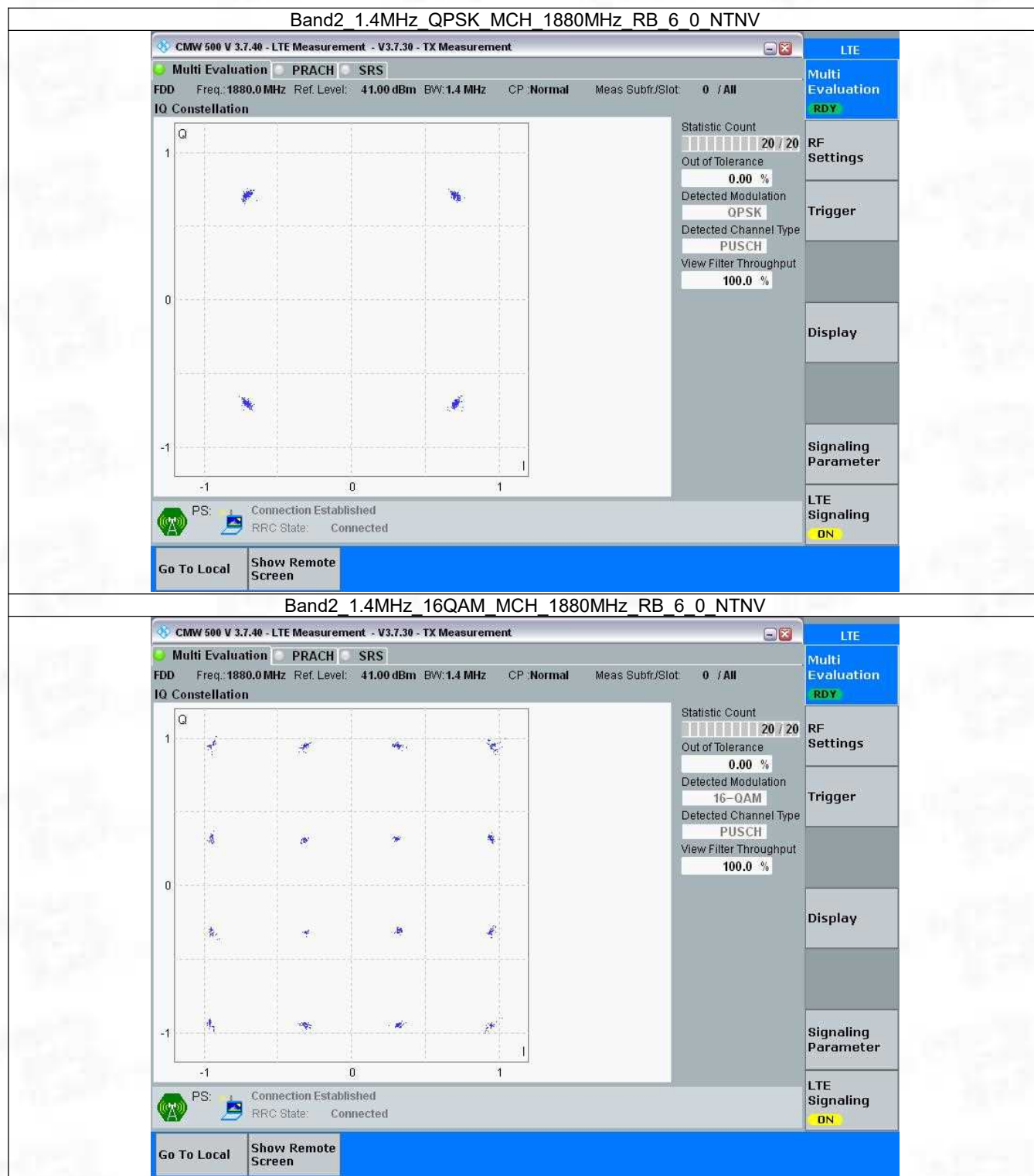
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

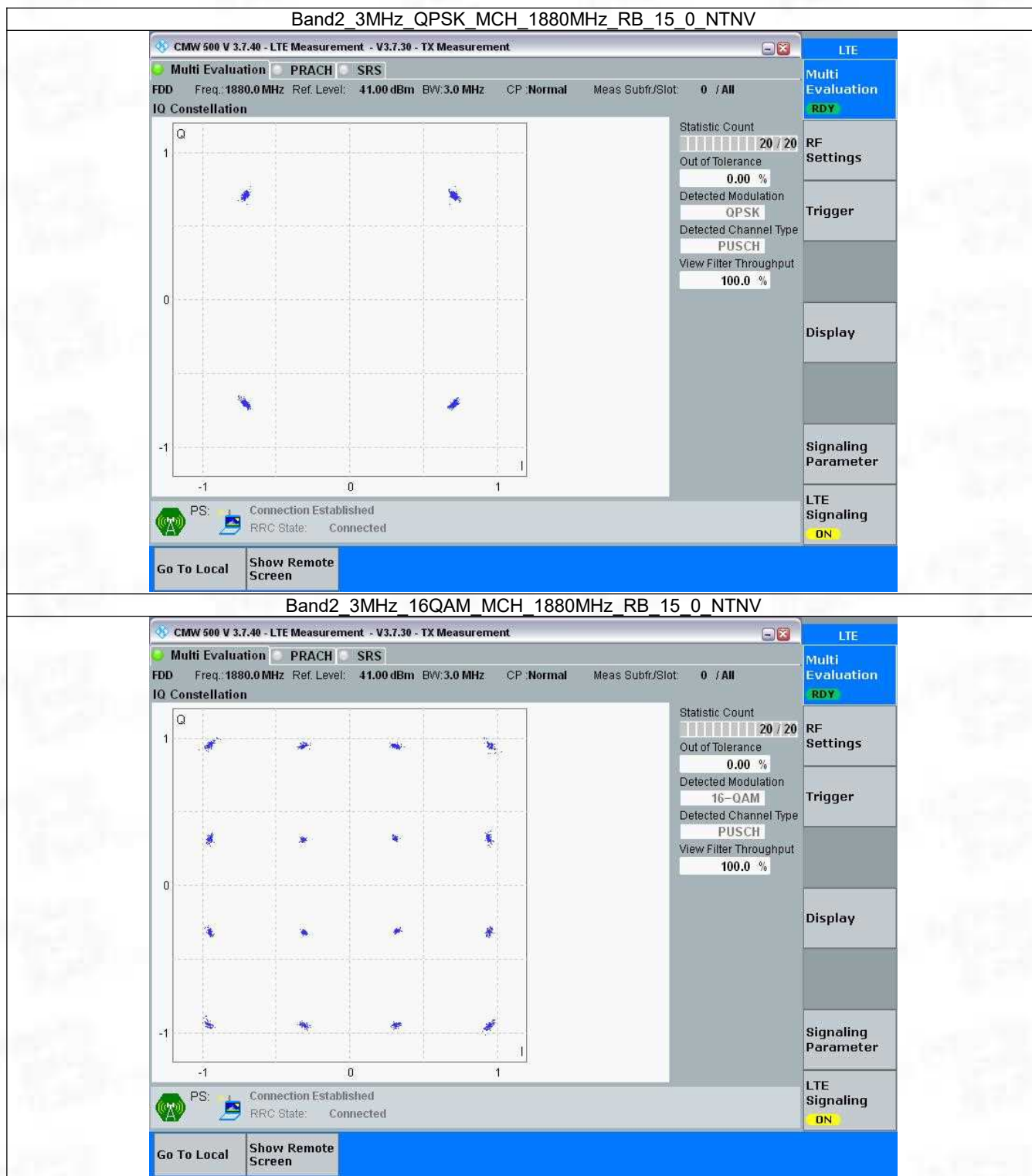
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

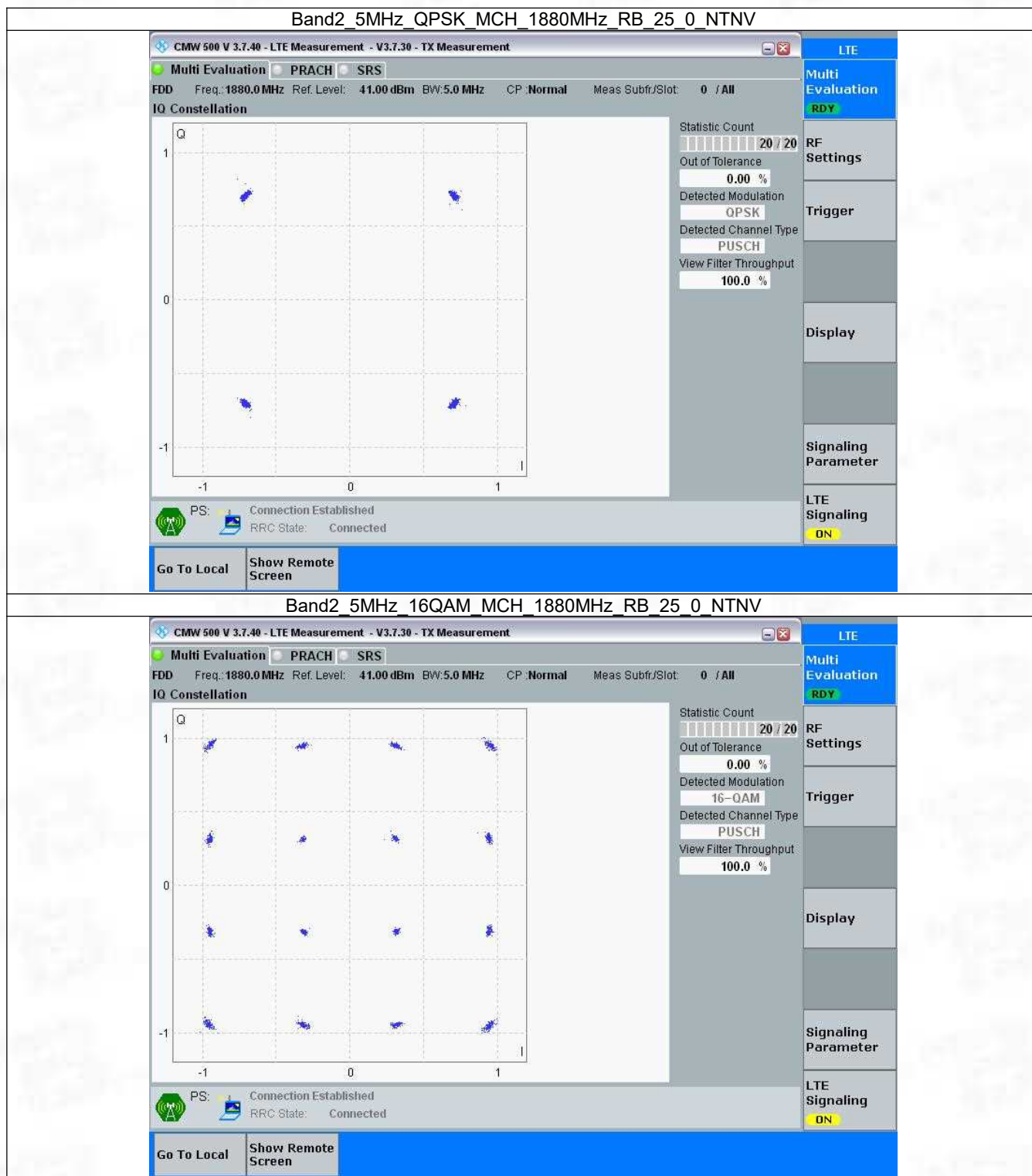
3.2.1 B2_1.4MHz



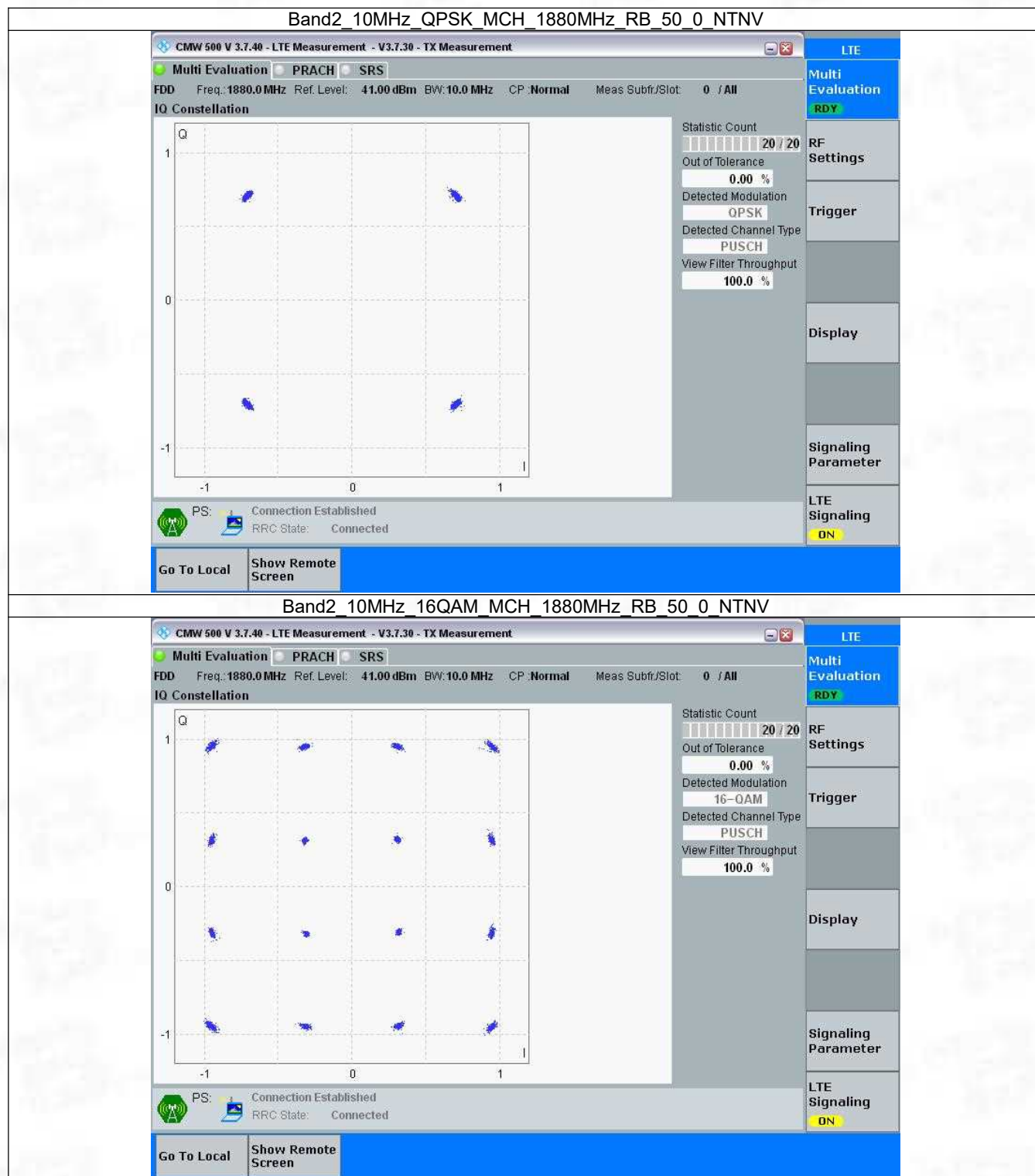
3.2.2 B2_3MHz



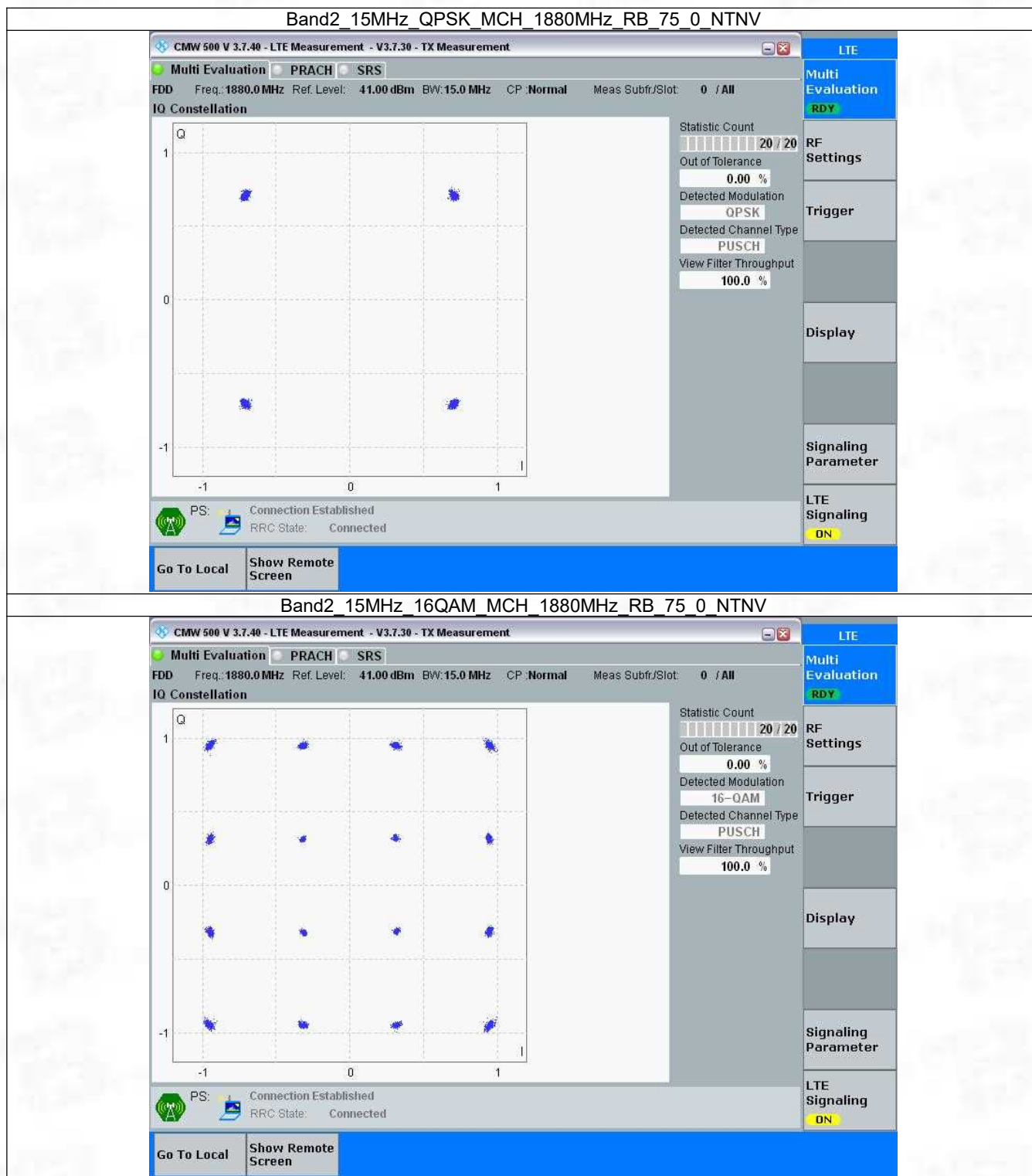
3.2.3 B2_5MHz



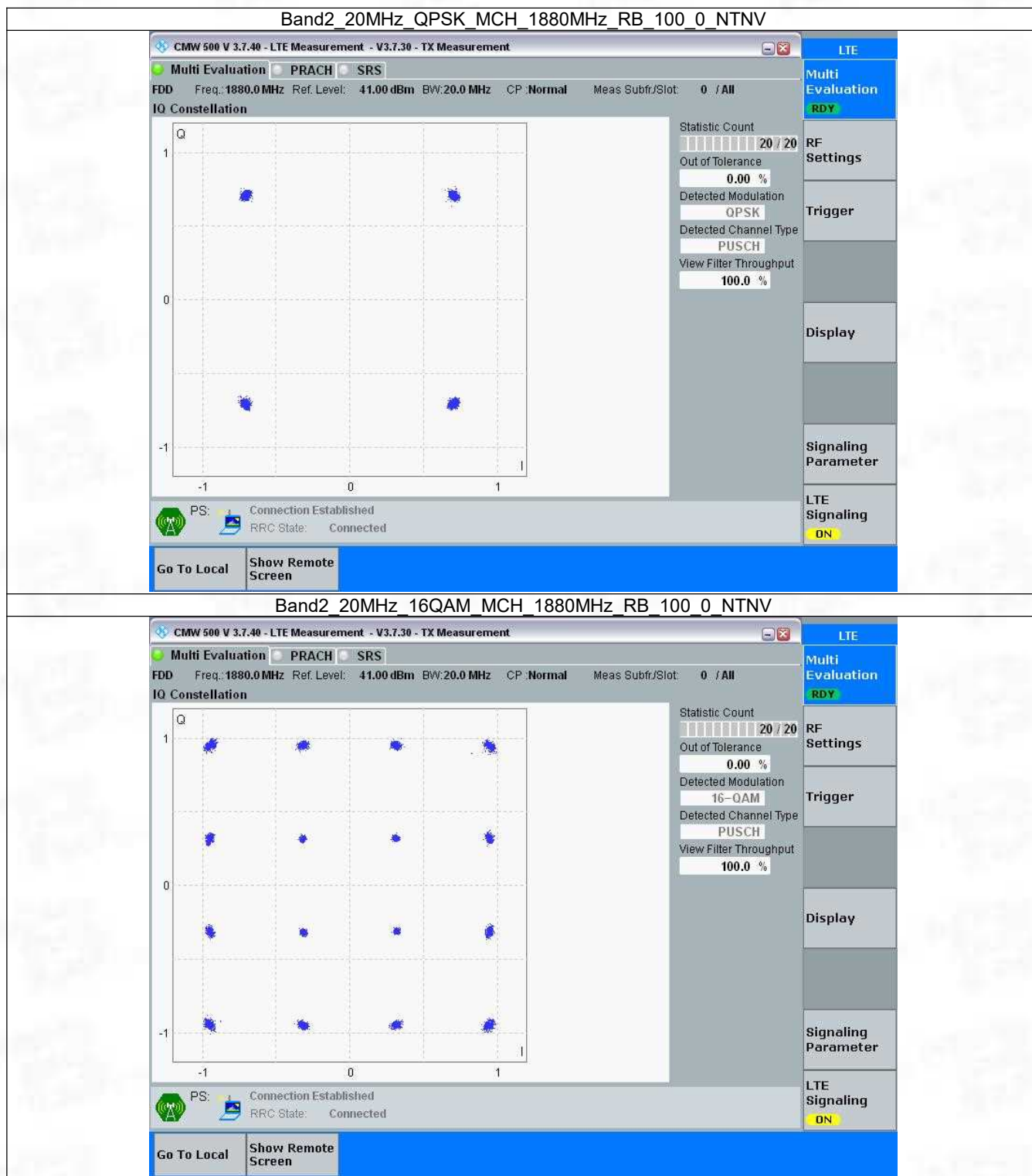
3.2.4 B2_10MHz



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	1.084	/	Pass
		1880	6	0	1.079	/	Pass
		1909.3	6	0	1.079	/	Pass
	16QAM	1850.7	6	0	1.083	/	Pass
		1880	6	0	1.080	/	Pass
		1909.3	6	0	1.087	/	Pass
3	QPSK	1851.5	15	0	2.685	/	Pass
		1880	15	0	2.684	/	Pass
		1908.5	15	0	2.692	/	Pass
	16QAM	1851.5	15	0	2.689	/	Pass
		1880	15	0	2.692	/	Pass
		1908.5	15	0	2.681	/	Pass
5	QPSK	1852.5	25	0	4.467	/	Pass
		1880	25	0	4.481	/	Pass
		1907.5	25	0	4.483	/	Pass
	16QAM	1852.5	25	0	4.474	/	Pass
		1880	25	0	4.473	/	Pass
		1907.5	25	0	4.470	/	Pass
10	QPSK	1855	50	0	8.969	/	Pass
		1880	50	0	8.956	/	Pass
		1905	50	0	8.978	/	Pass
	16QAM	1855	50	0	8.967	/	Pass
		1880	50	0	8.969	/	Pass
		1905	50	0	8.951	/	Pass
15	QPSK	1857.5	75	0	13.446	/	Pass
		1880	75	0	13.422	/	Pass
		1902.5	75	0	13.426	/	Pass
	16QAM	1857.5	75	0	13.434	/	Pass
		1880	75	0	13.440	/	Pass
		1902.5	75	0	13.417	/	Pass
20	QPSK	1860	100	0	17.964	/	Pass
		1880	100	0	17.970	/	Pass
		1900	100	0	17.889	/	Pass
	16QAM	1860	100	0	17.913	/	Pass
		1880	100	0	17.989	/	Pass
		1900	100	0	17.953	/	Pass

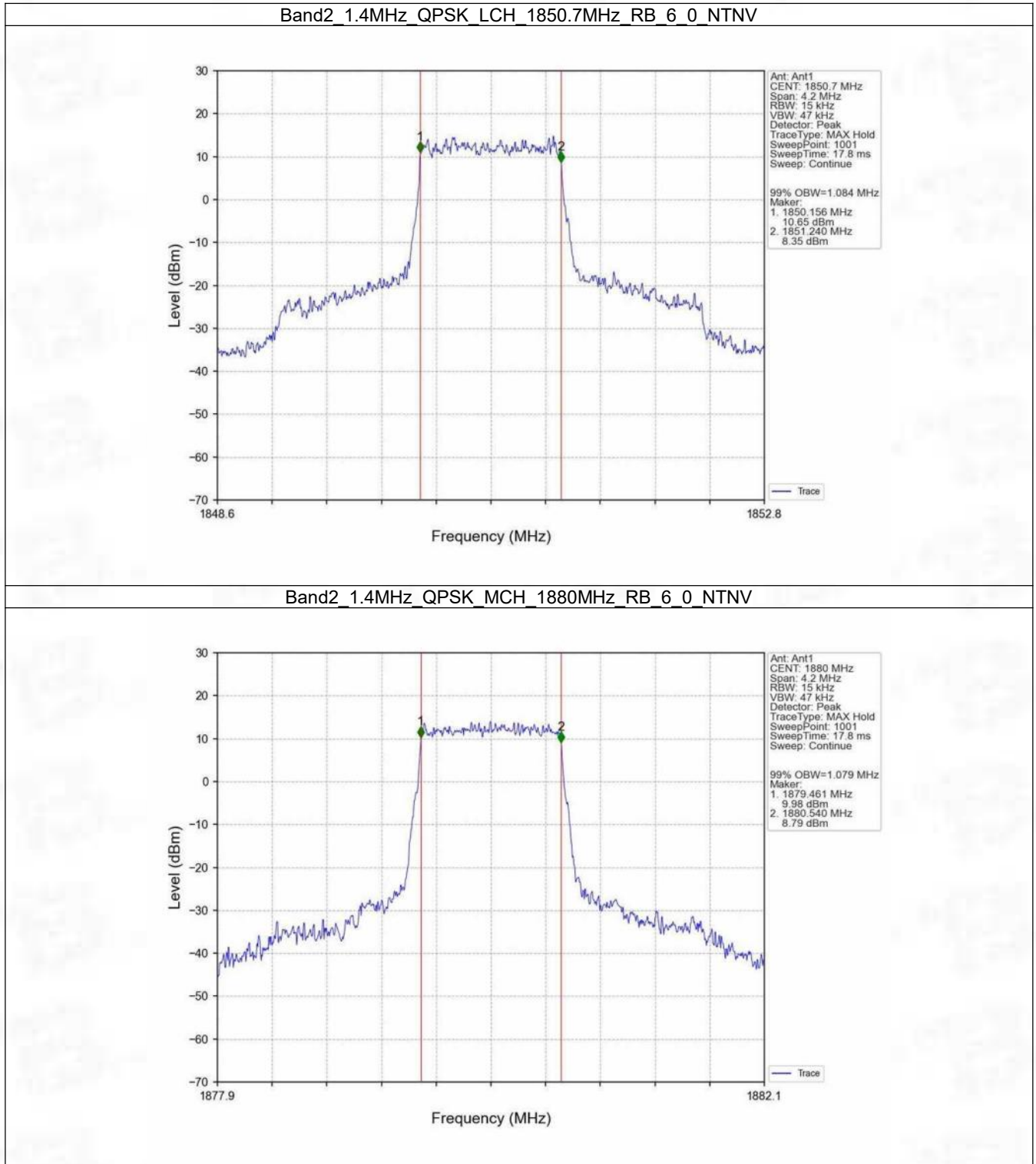
4.1.2 Band2_XDB

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	1.231	/	Pass
		1880	6	0	1.227	/	Pass
		1909.3	6	0	1.226	/	Pass

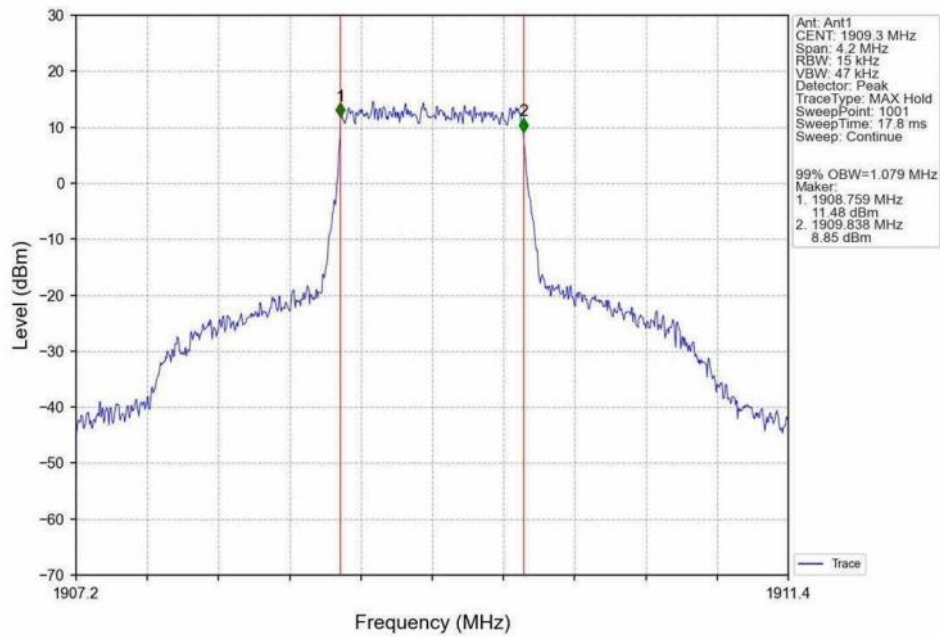
	16QAM	1850.7	6	0	1.239	/	Pass
		1880	6	0	1.220	/	Pass
		1909.3	6	0	1.241	/	Pass
3	QPSK	1851.5	15	0	3.006	/	Pass
		1880	15	0	2.963	/	Pass
		1908.5	15	0	3.003	/	Pass
	16QAM	1851.5	15	0	2.980	/	Pass
		1880	15	0	2.998	/	Pass
		1908.5	15	0	3.023	/	Pass
5	QPSK	1852.5	25	0	4.882	/	Pass
		1880	25	0	4.928	/	Pass
		1907.5	25	0	4.915	/	Pass
	16QAM	1852.5	25	0	4.921	/	Pass
		1880	25	0	4.940	/	Pass
		1907.5	25	0	4.882	/	Pass
10	QPSK	1855	50	0	9.709	/	Pass
		1880	50	0	9.709	/	Pass
		1905	50	0	9.773	/	Pass
	16QAM	1855	50	0	9.828	/	Pass
		1880	50	0	9.779	/	Pass
		1905	50	0	9.678	/	Pass
15	QPSK	1857.5	75	0	14.737	/	Pass
		1880	75	0	14.709	/	Pass
		1902.5	75	0	14.638	/	Pass
	16QAM	1857.5	75	0	14.559	/	Pass
		1880	75	0	14.636	/	Pass
		1902.5	75	0	14.567	/	Pass
20	QPSK	1860	100	0	19.492	/	Pass
		1880	100	0	19.356	/	Pass
		1900	100	0	19.347	/	Pass
	16QAM	1860	100	0	19.360	/	Pass
		1880	100	0	19.534	/	Pass
		1900	100	0	19.439	/	Pass

4.2 Test Graph

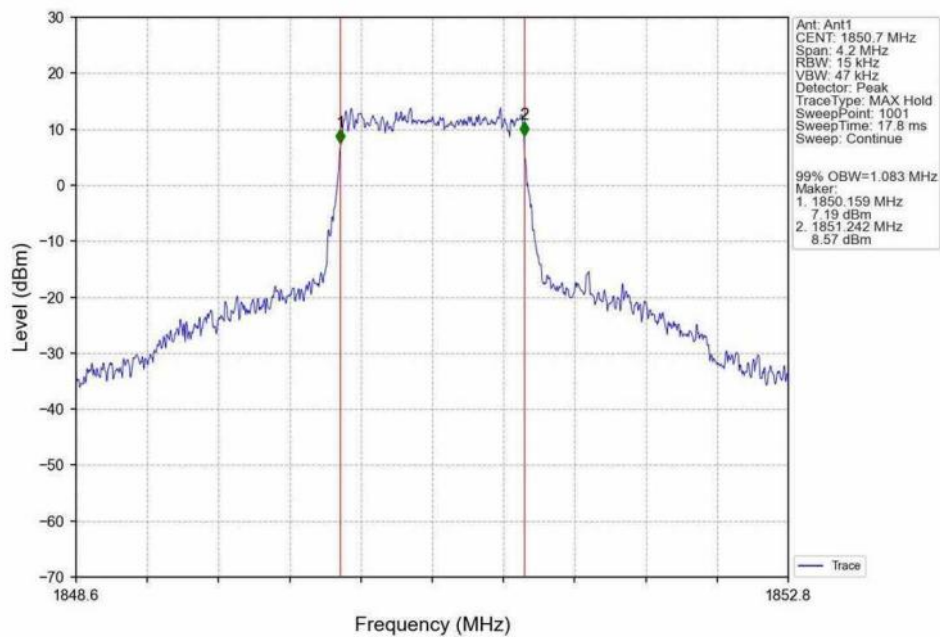
4.2.1 Band2_OBW



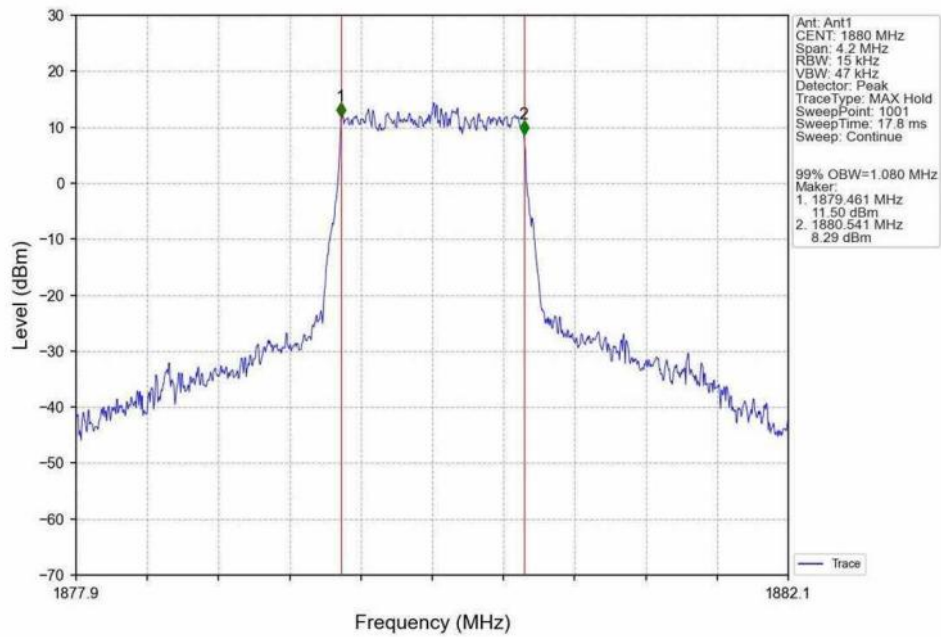
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



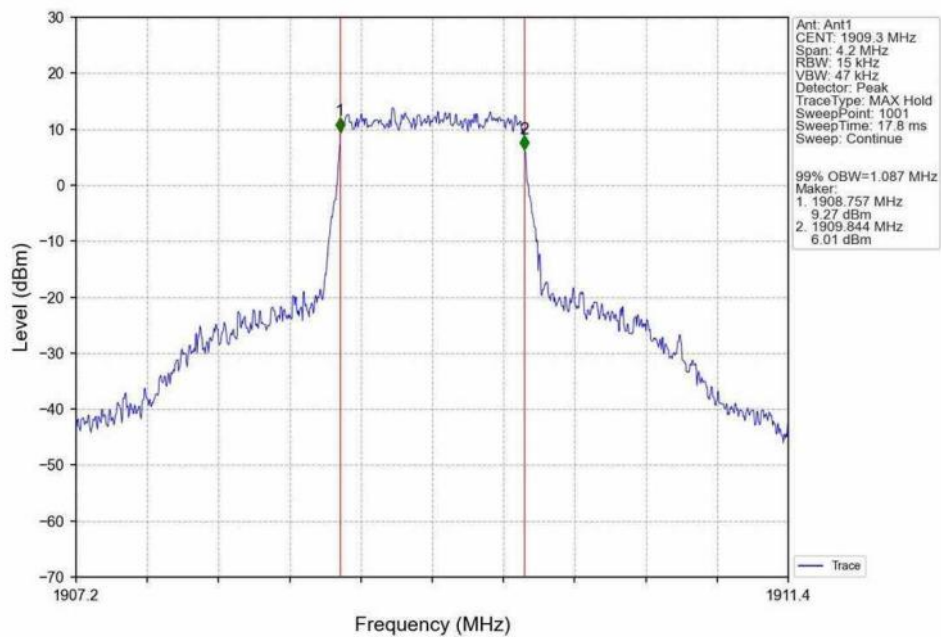
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



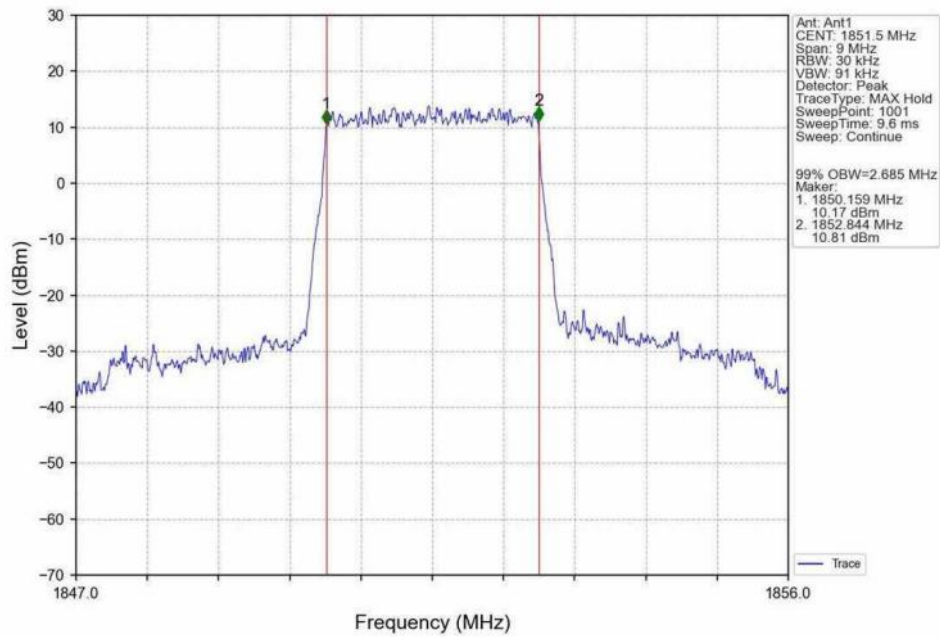
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



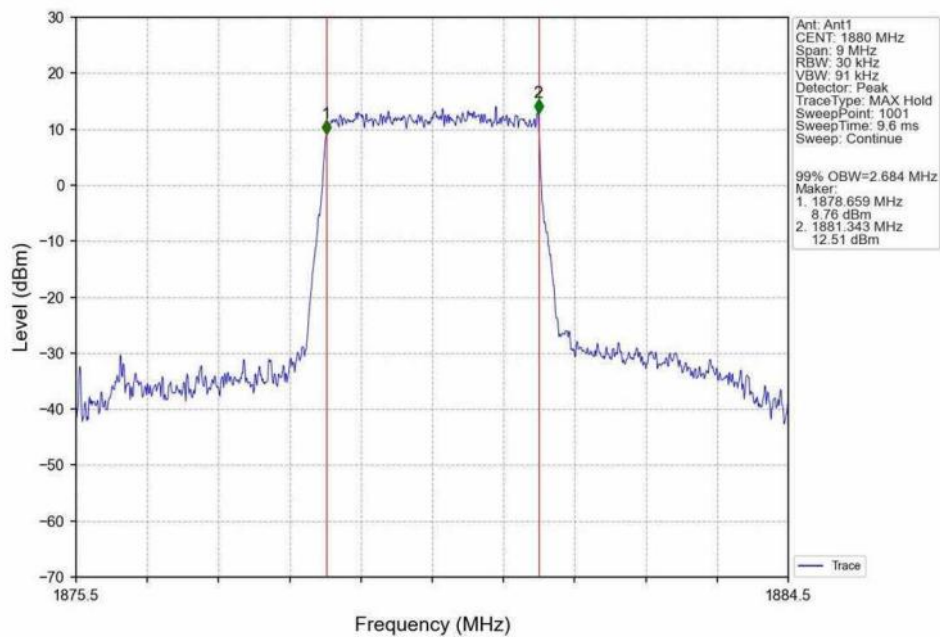
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



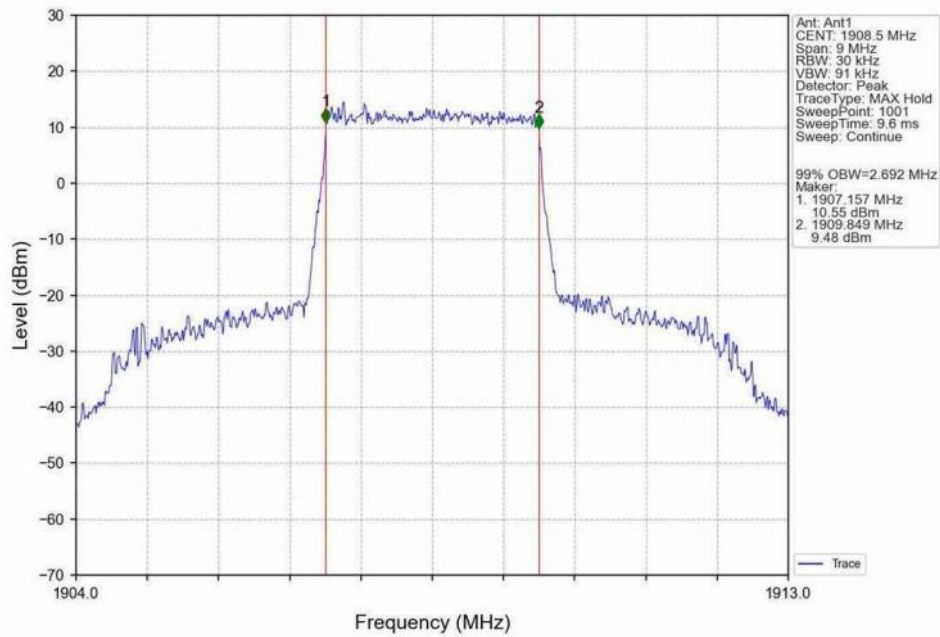
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



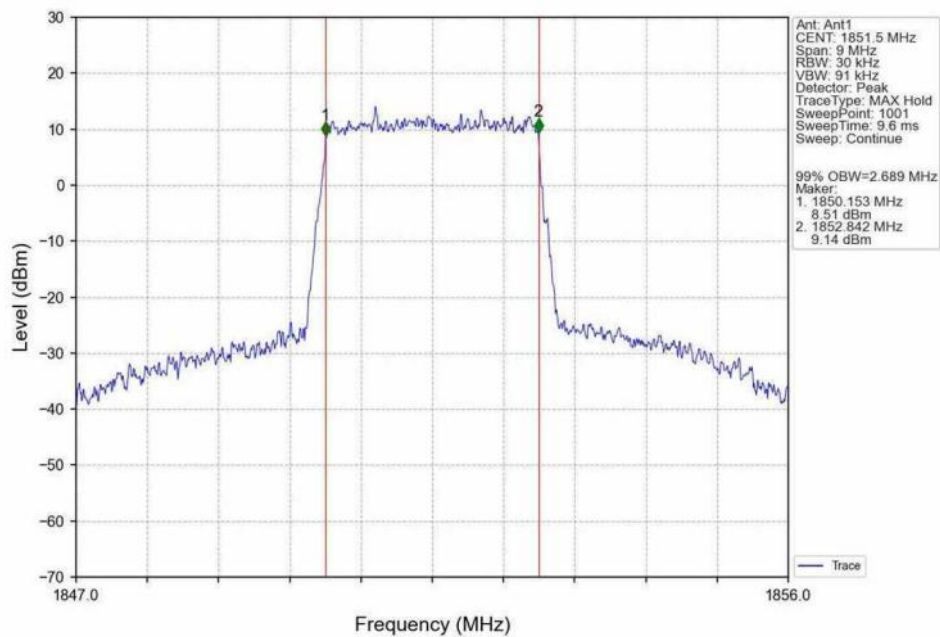
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



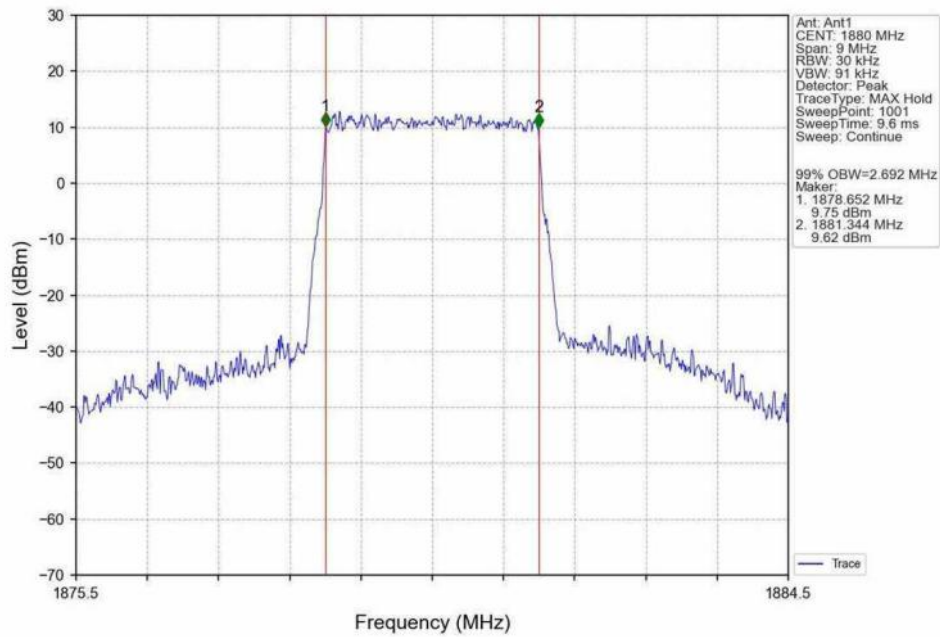
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



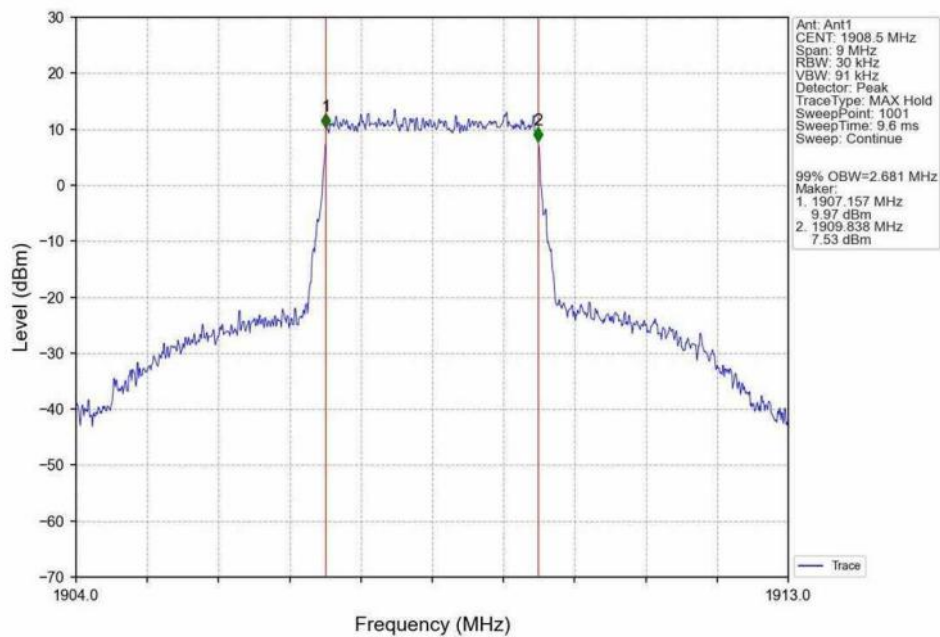
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



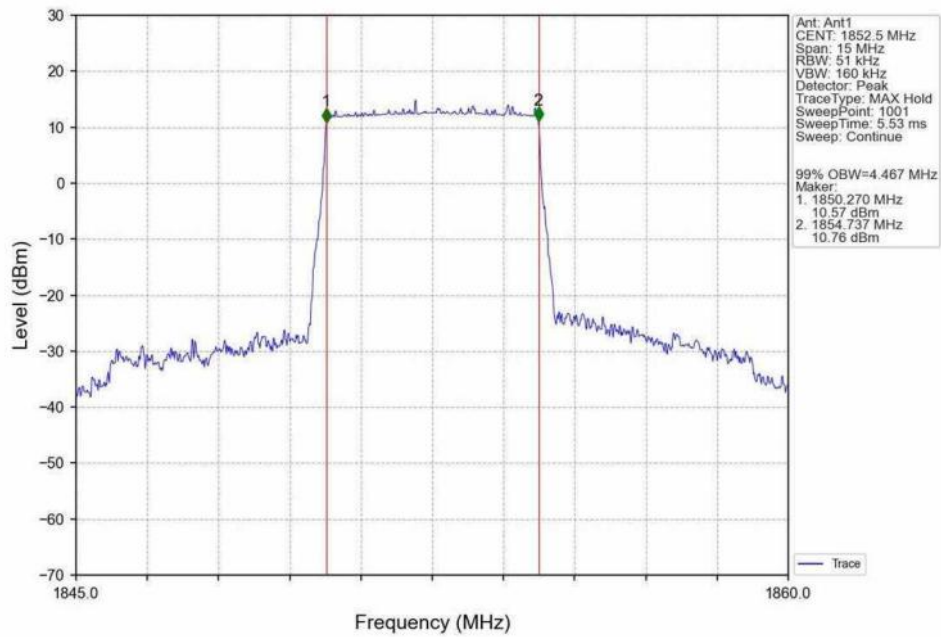
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



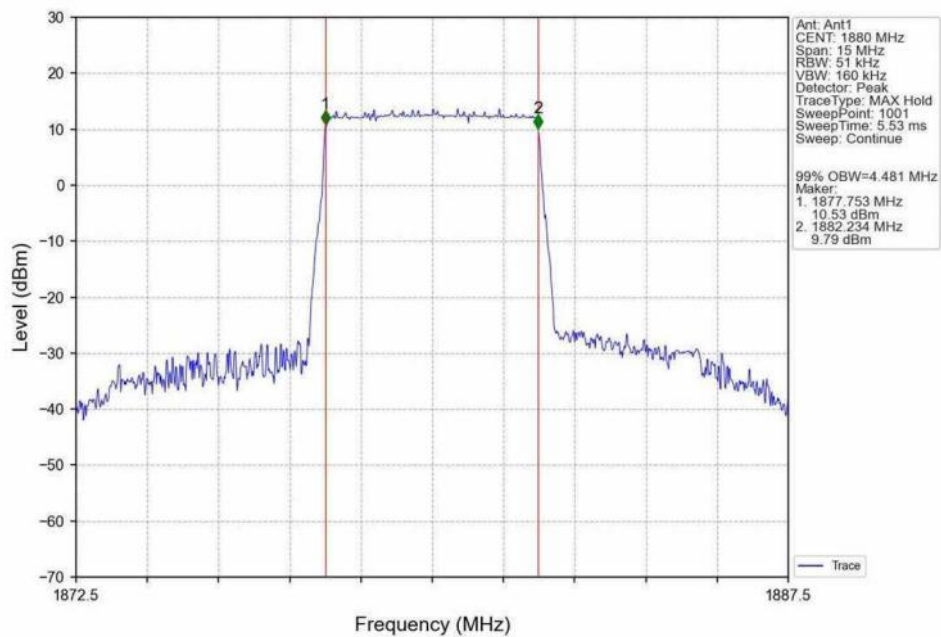
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



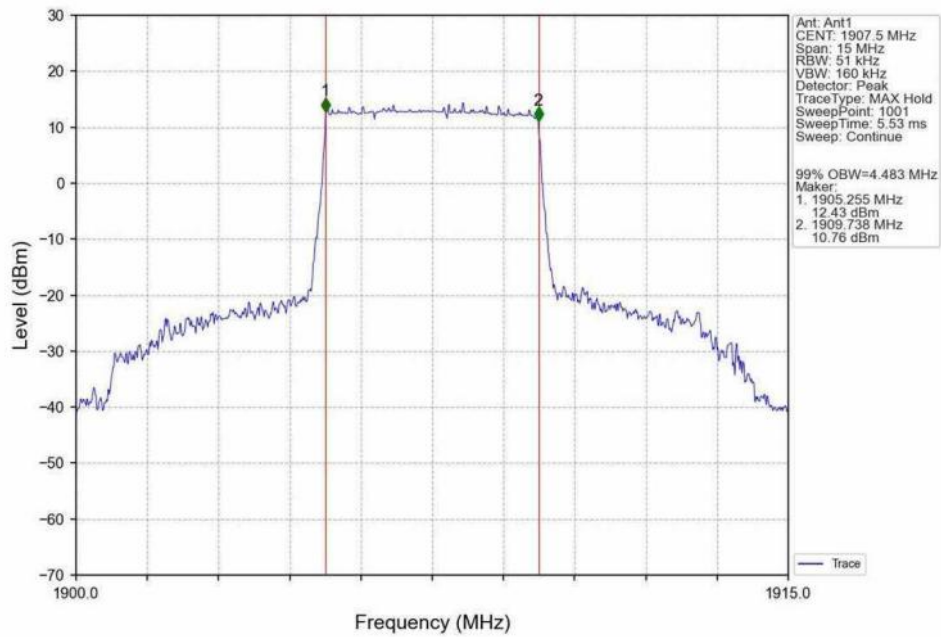
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



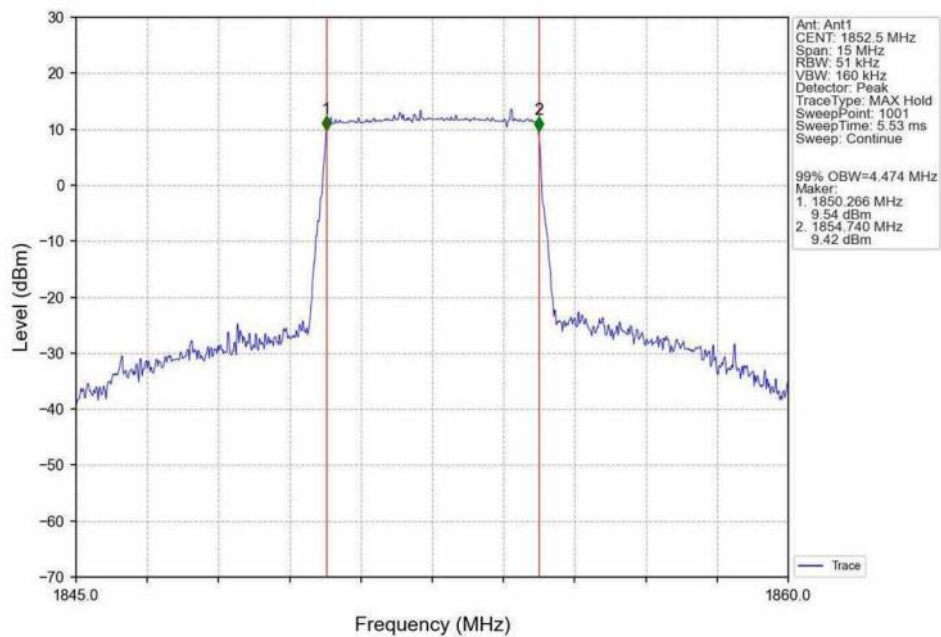
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



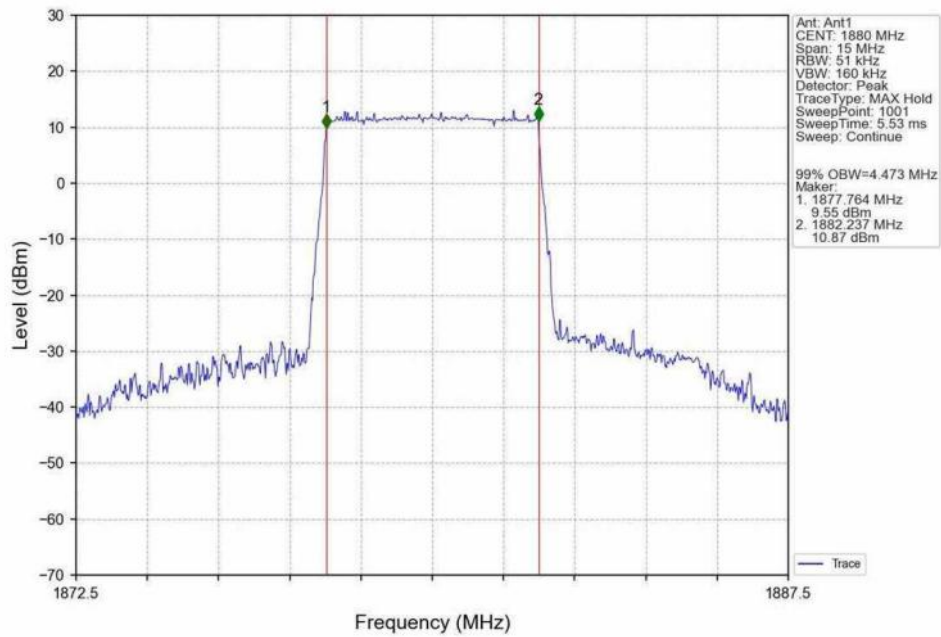
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



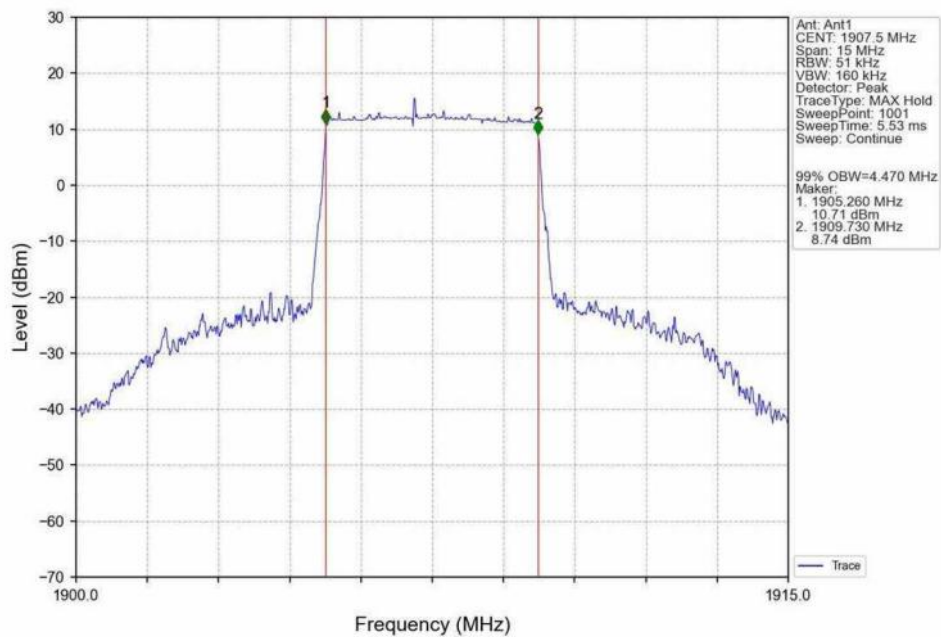
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



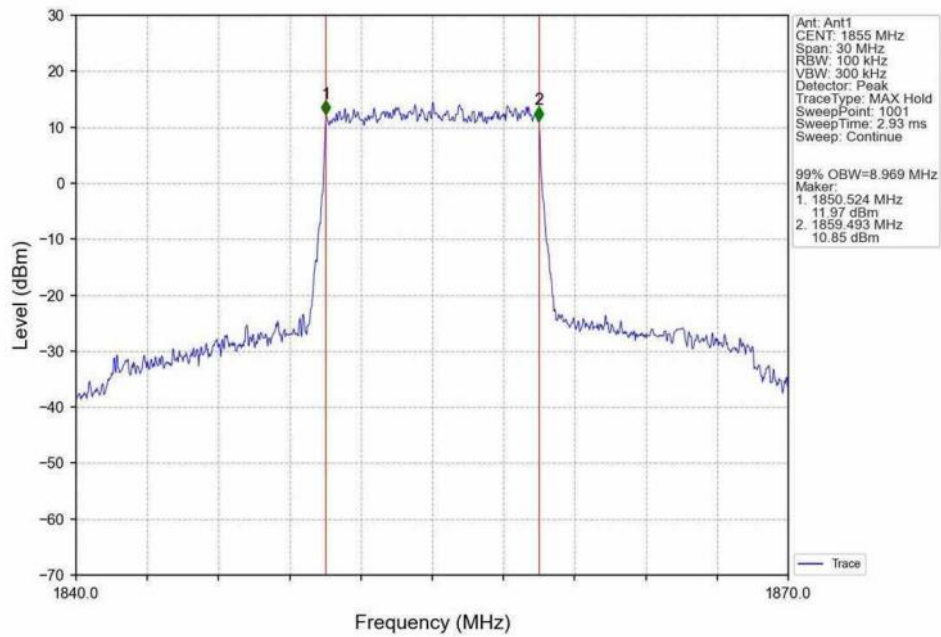
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



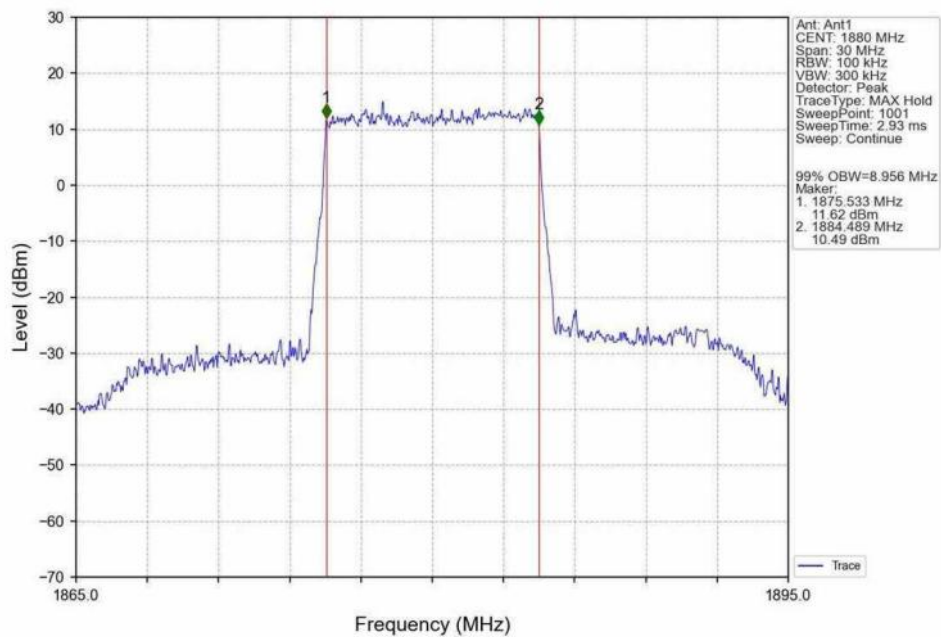
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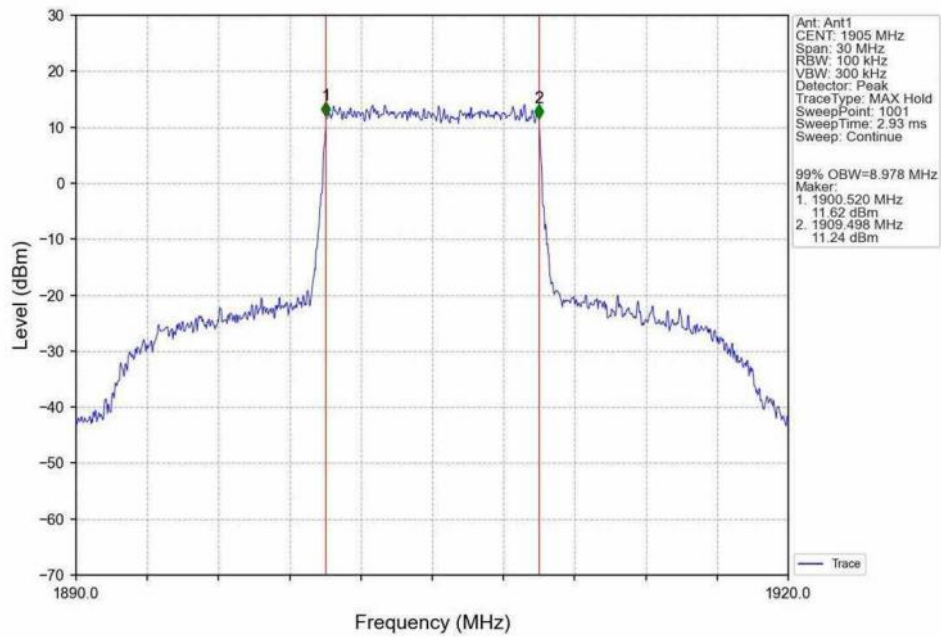
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



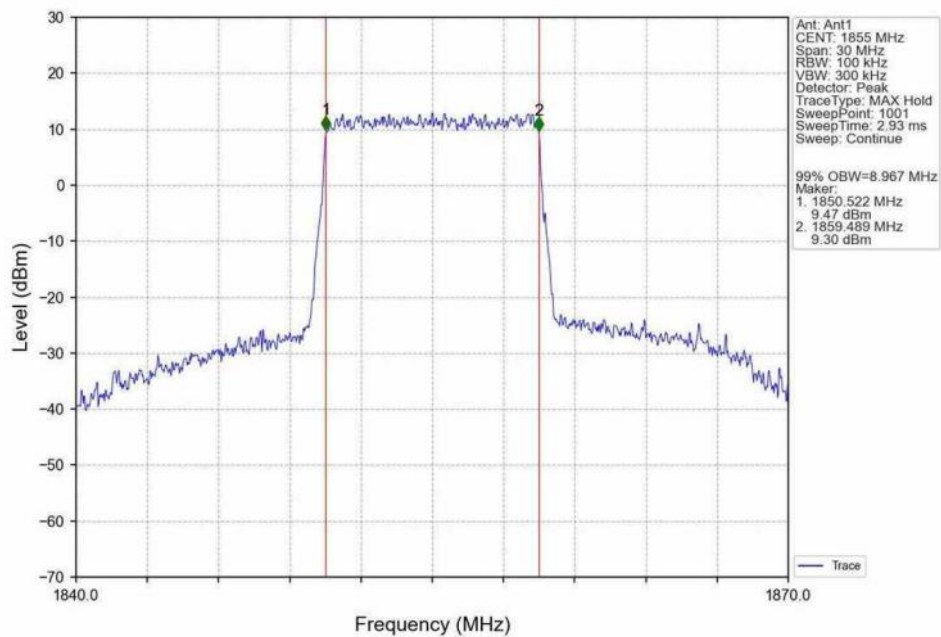
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



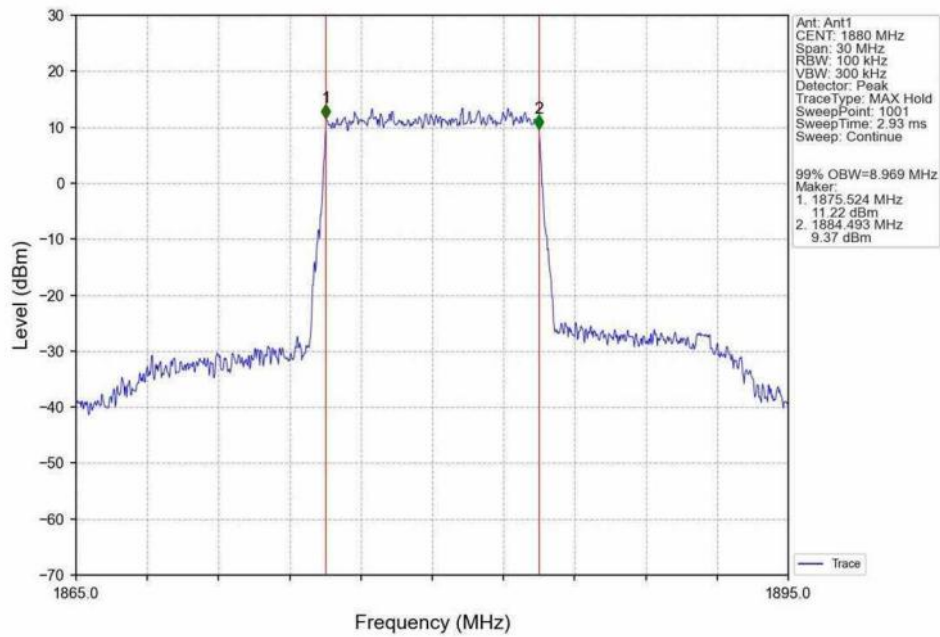
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



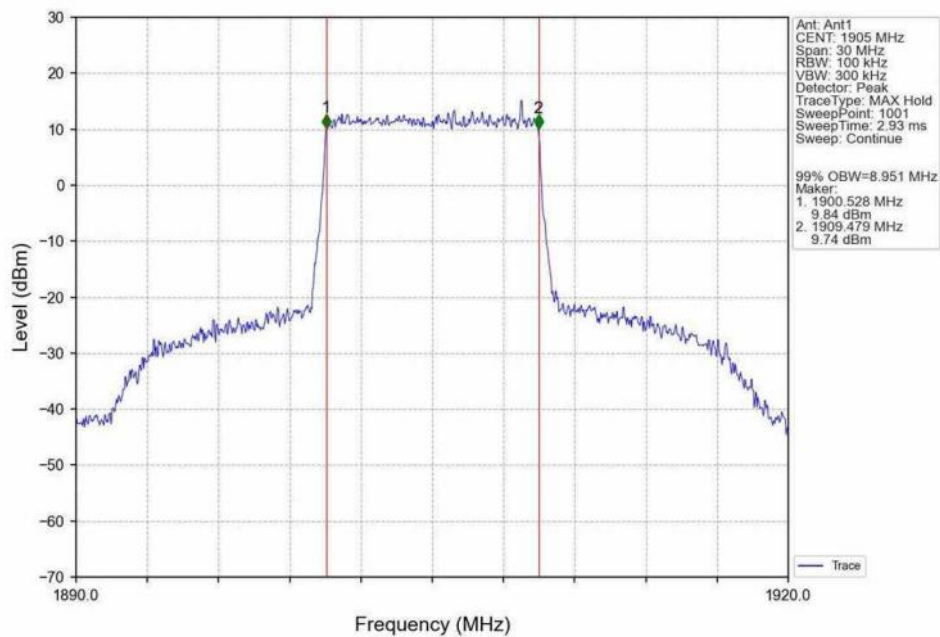
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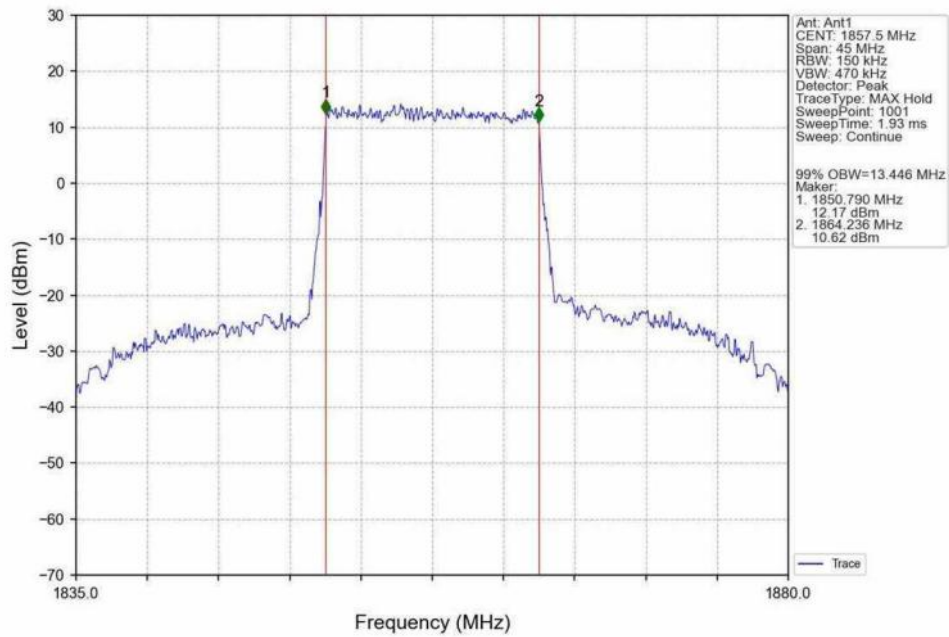
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



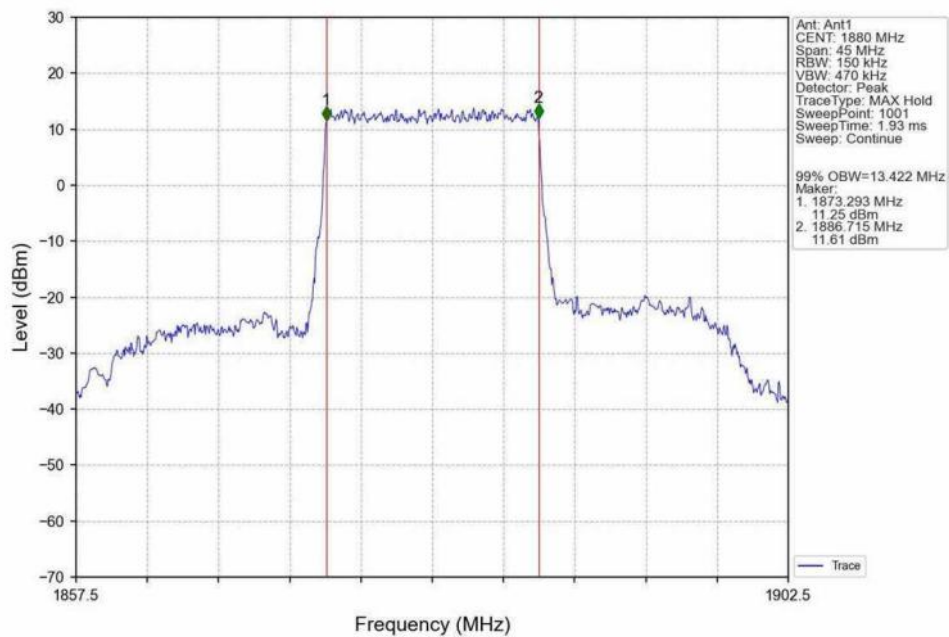
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



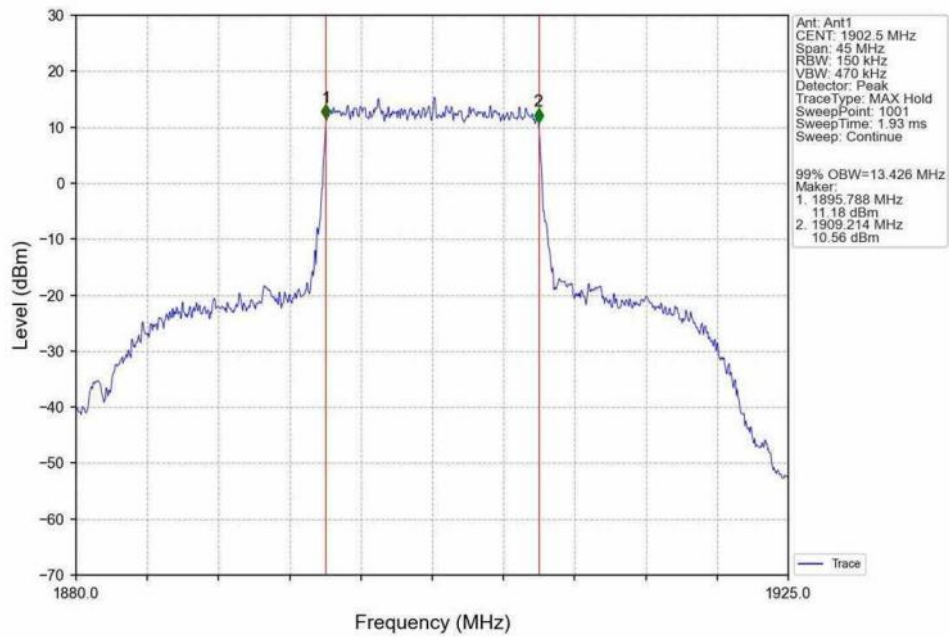
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



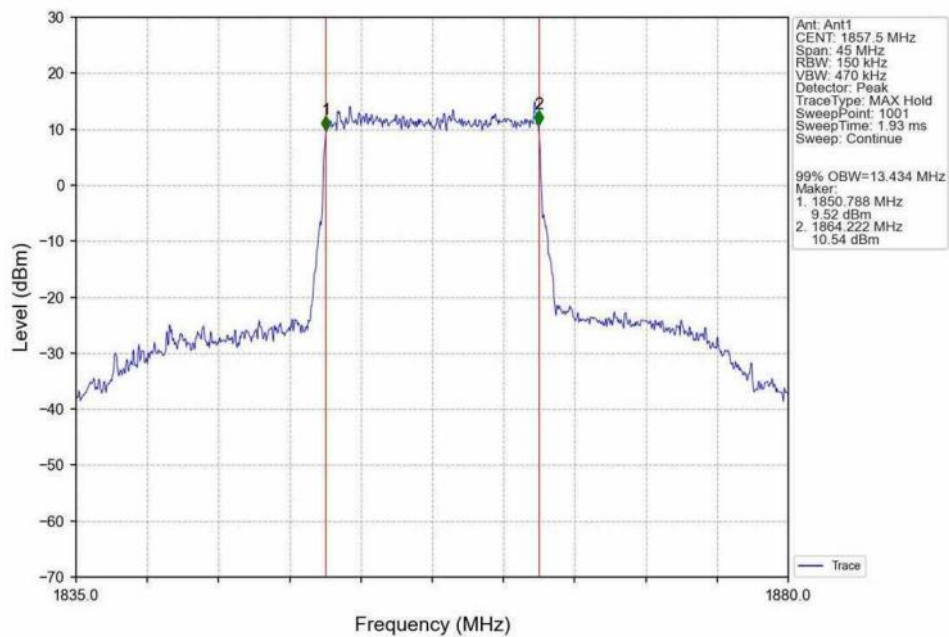
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



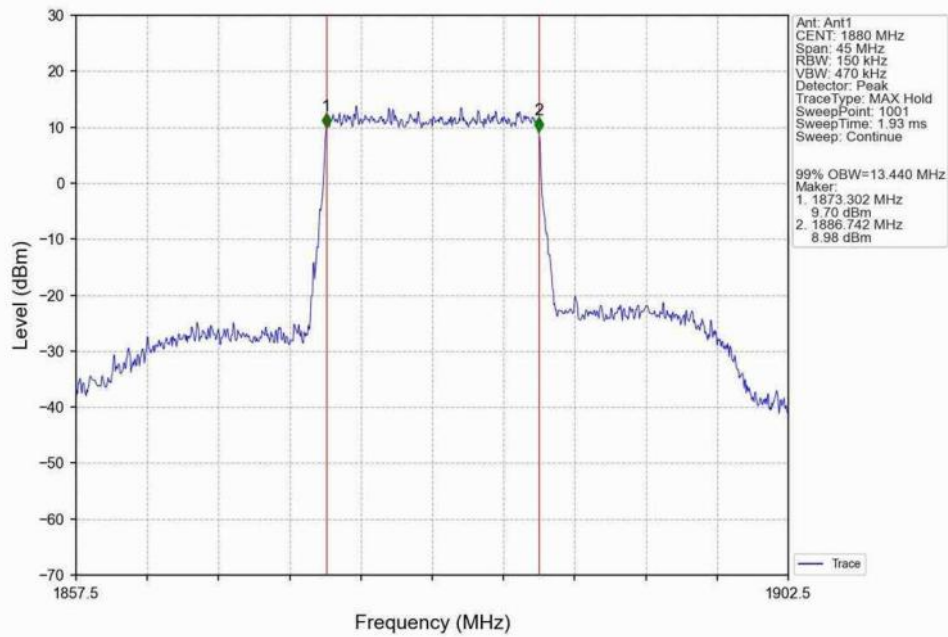
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



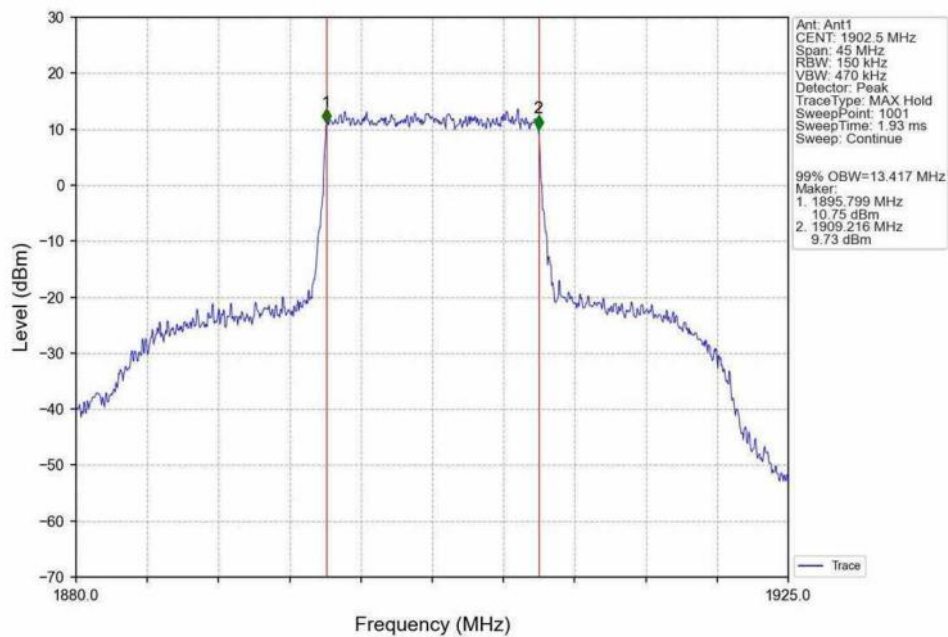
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



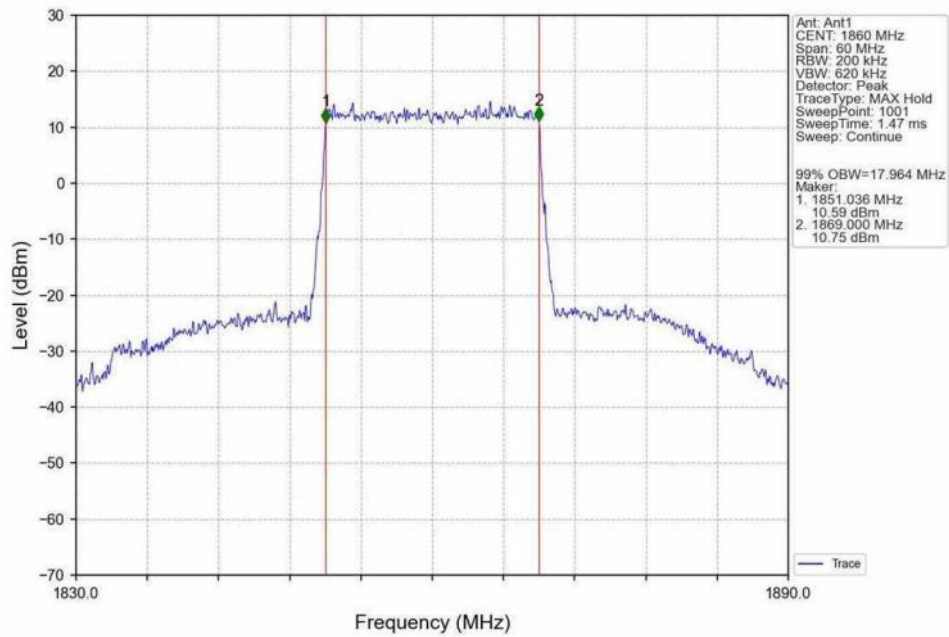
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



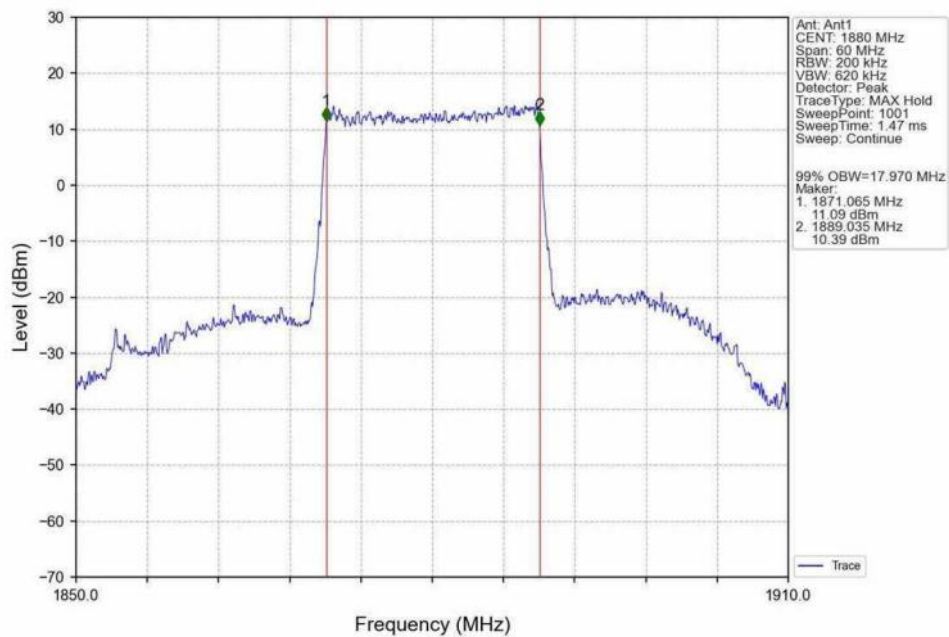
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



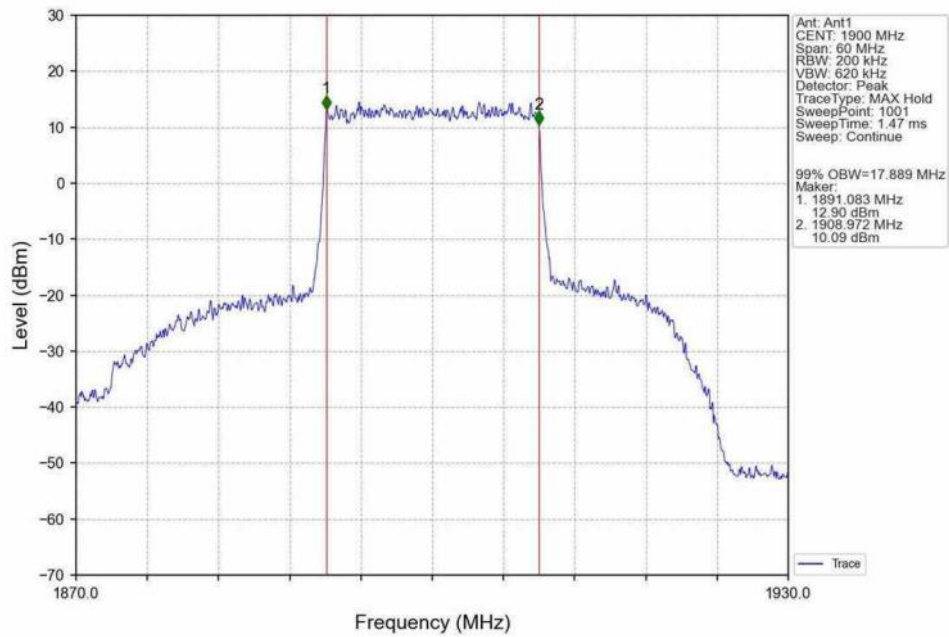
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



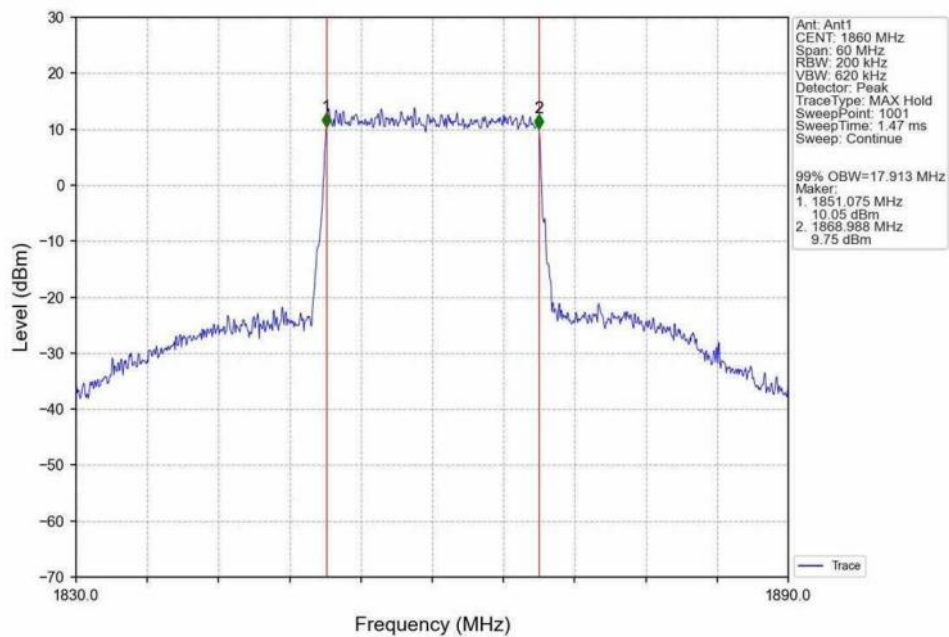
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



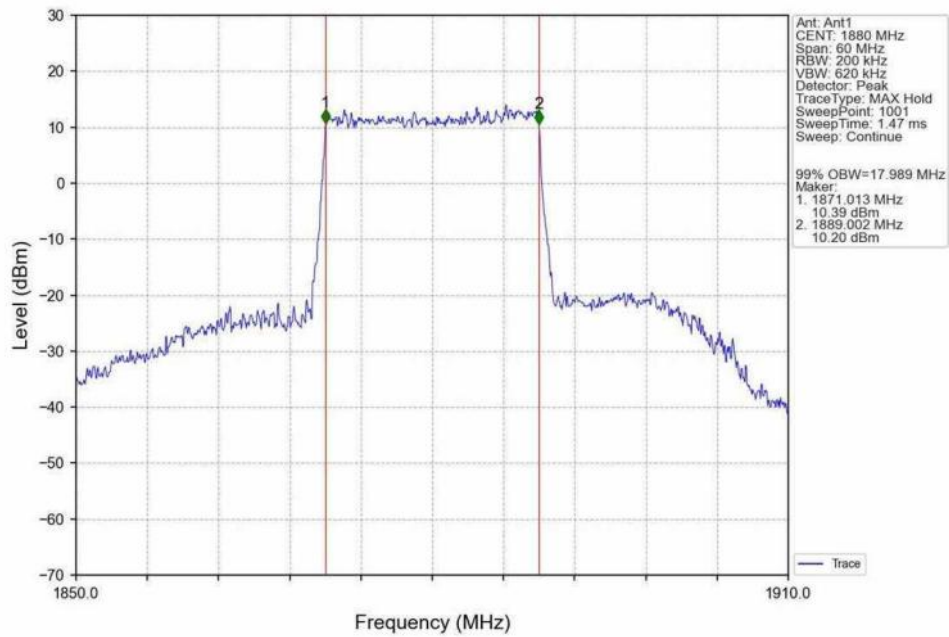
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



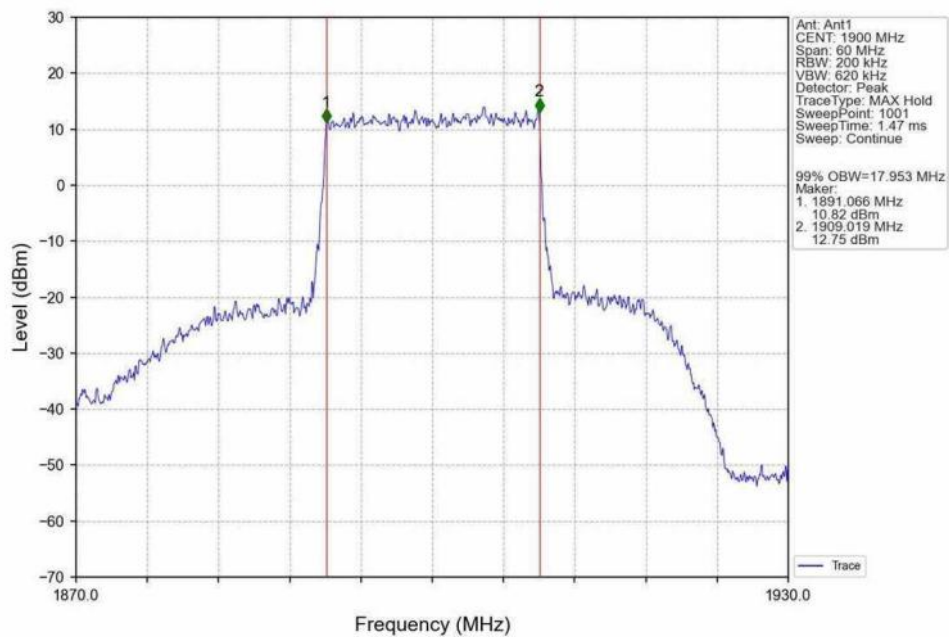
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



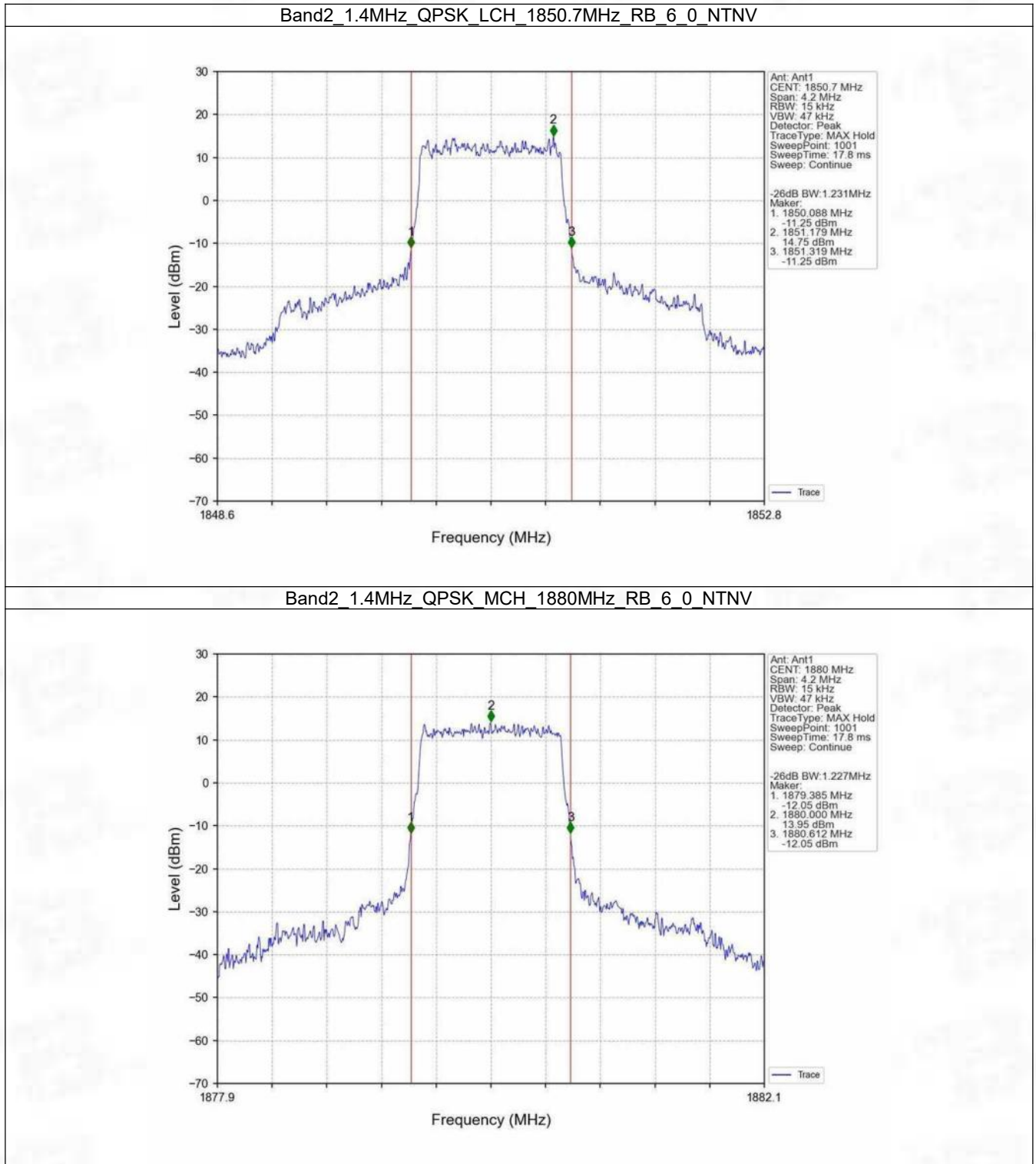
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



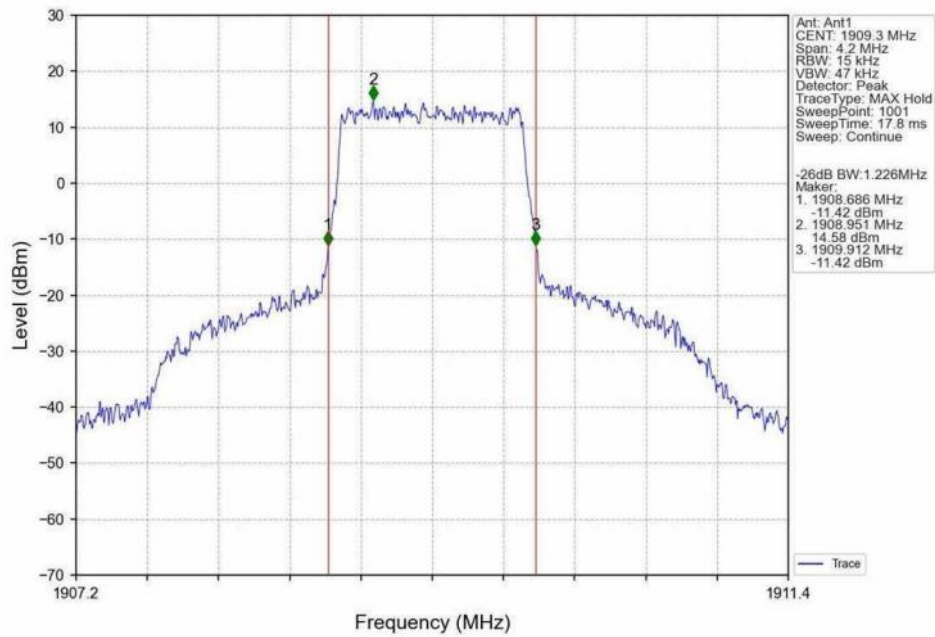
Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



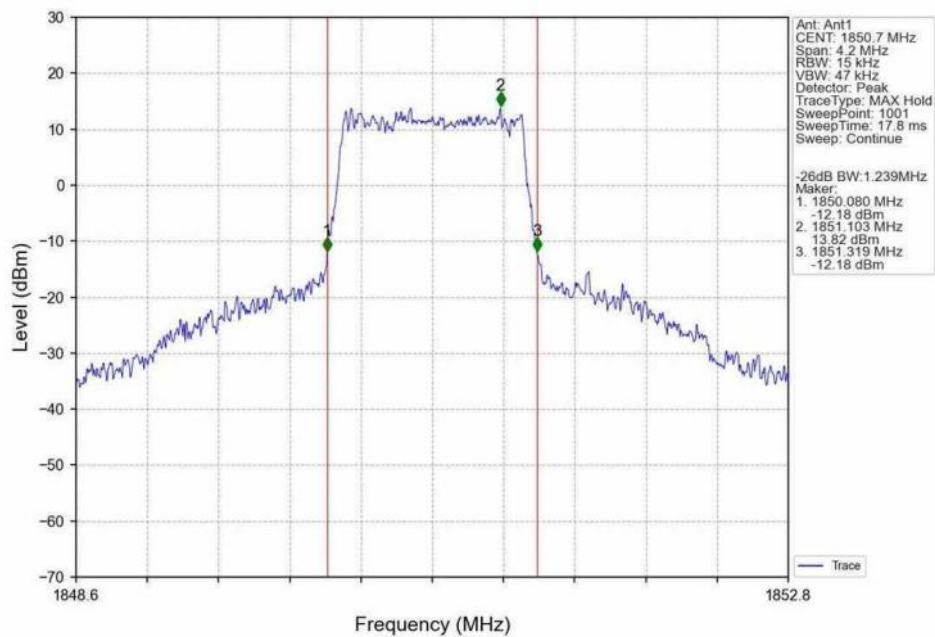
4.2.2 Band2_XDB



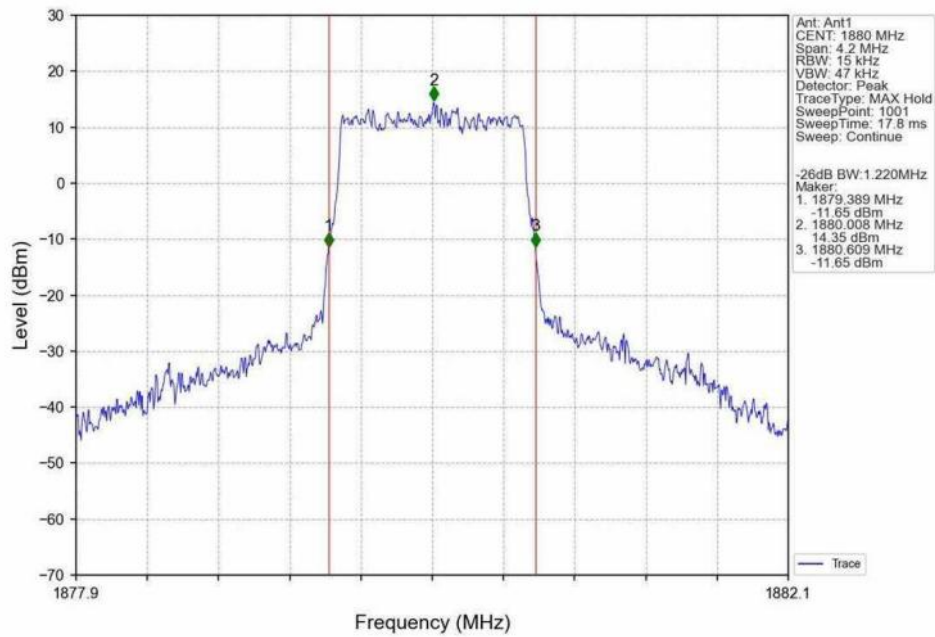
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



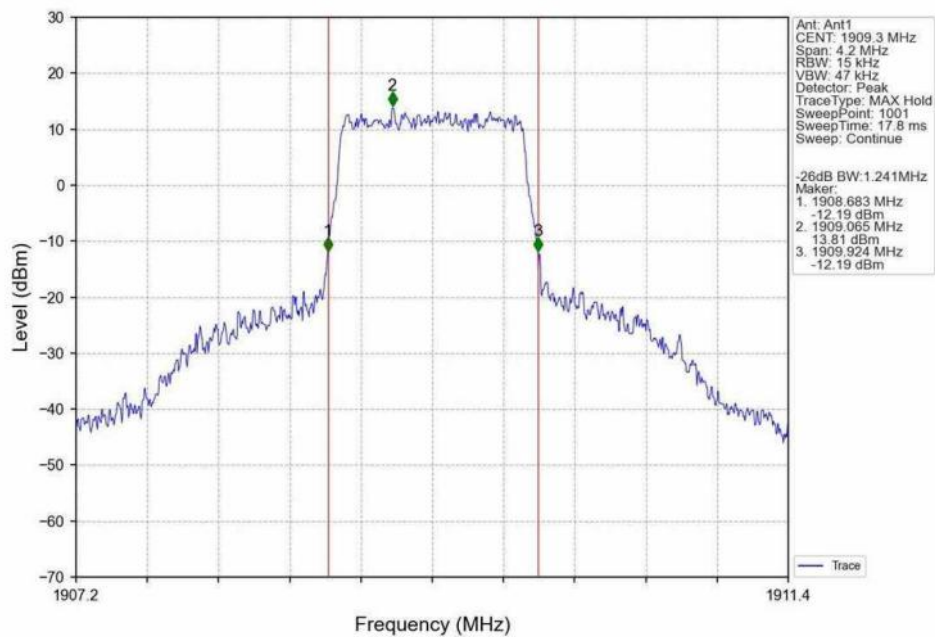
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



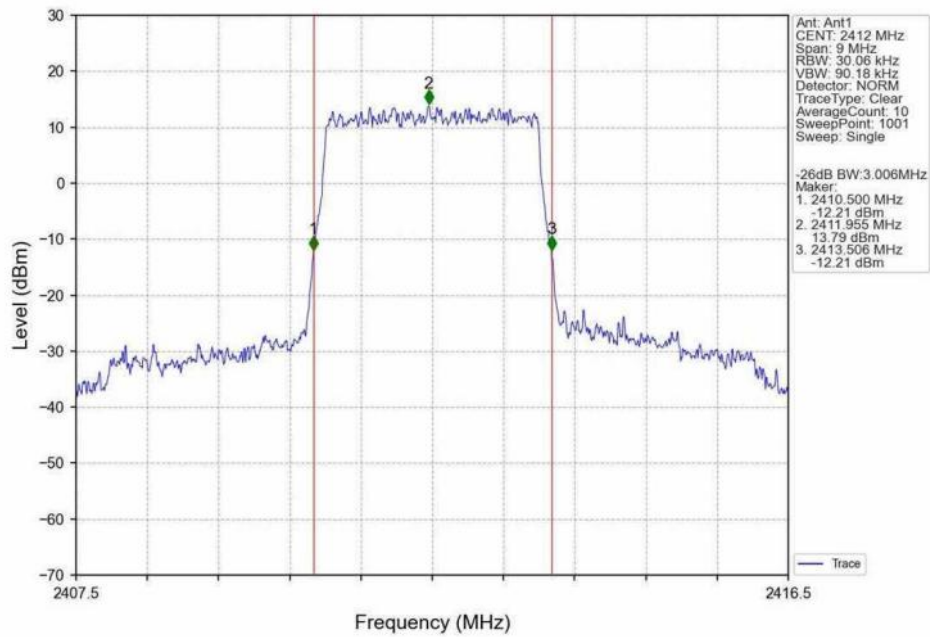
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



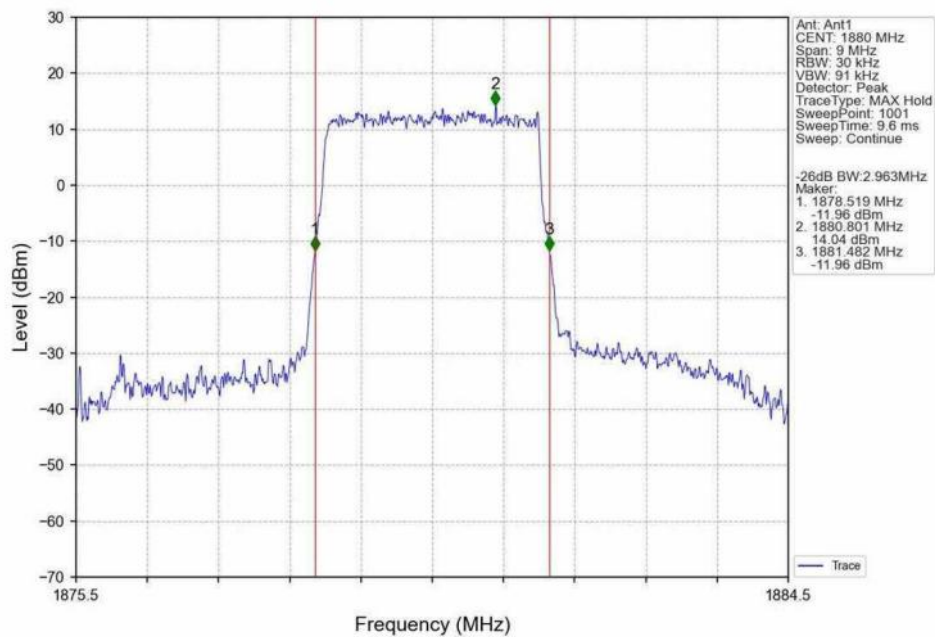
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



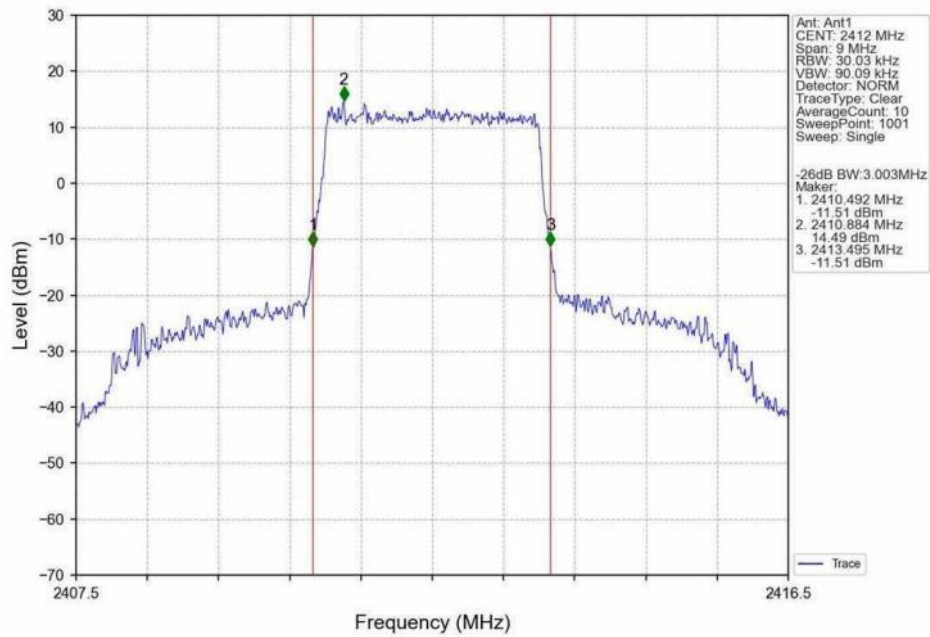
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



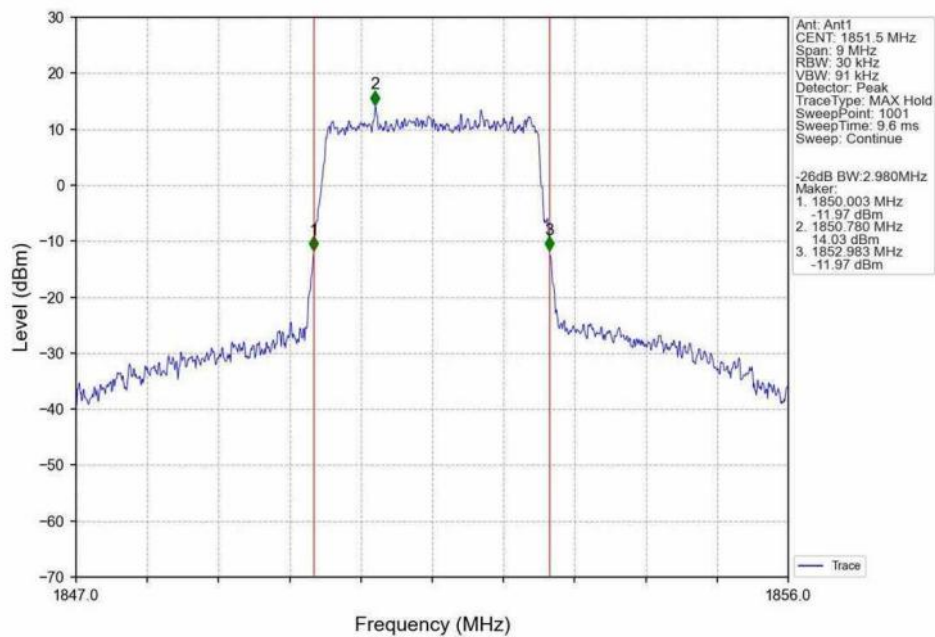
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



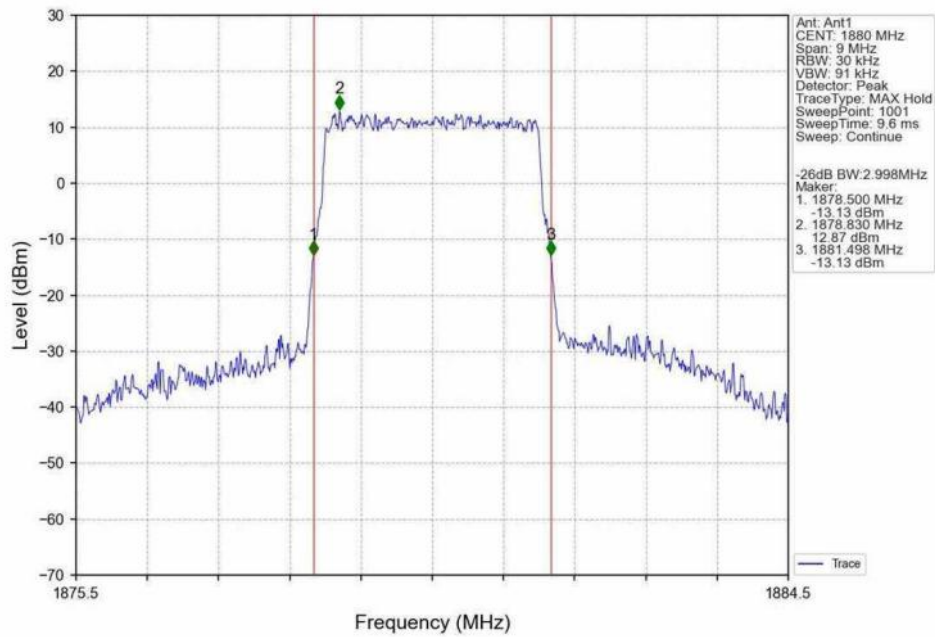
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



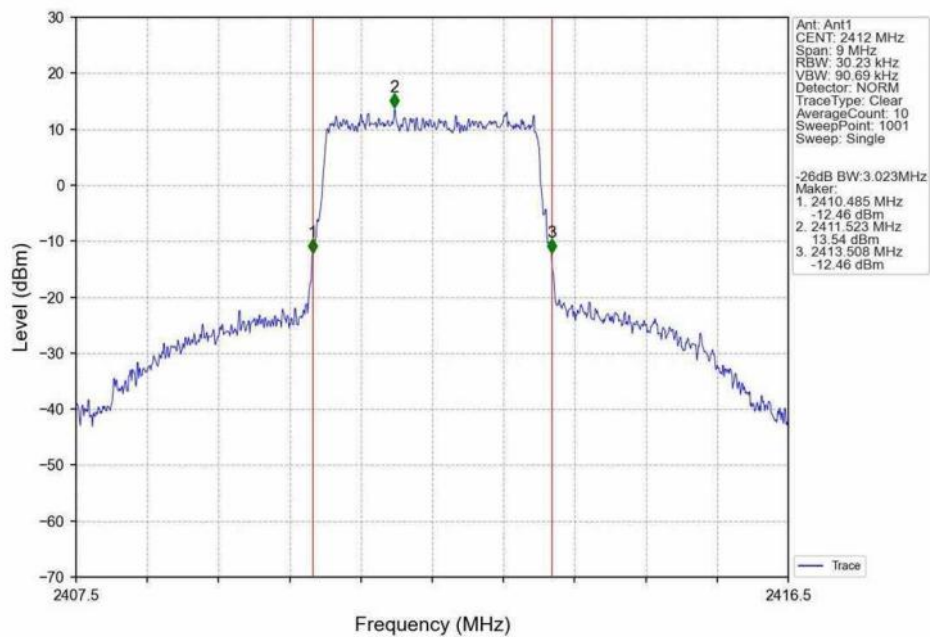
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



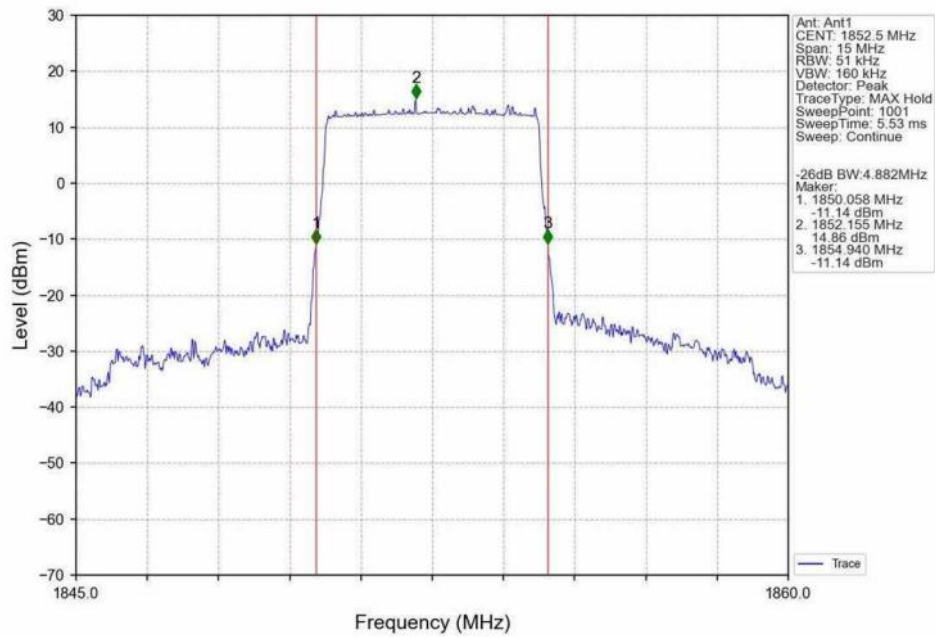
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



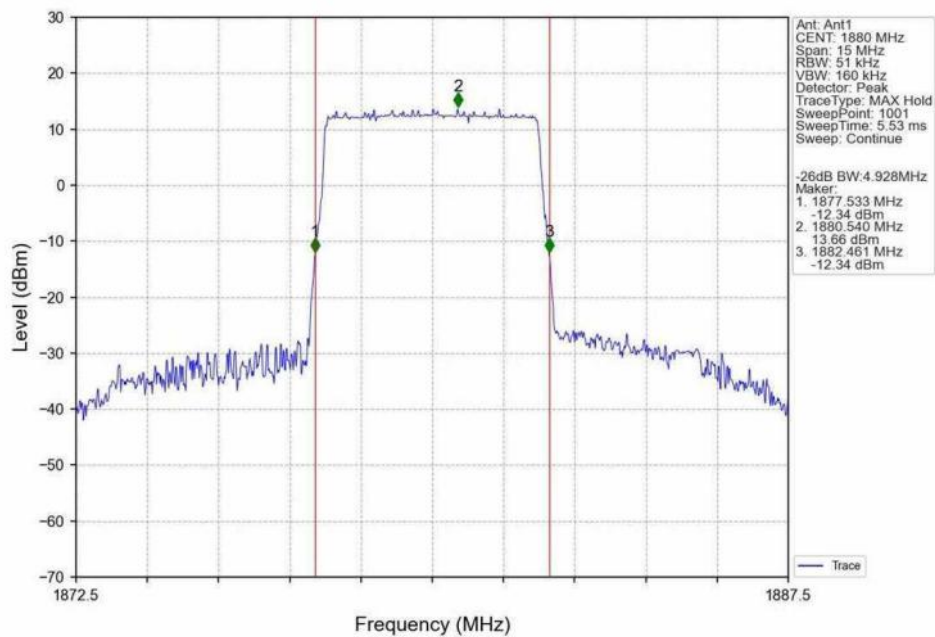
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



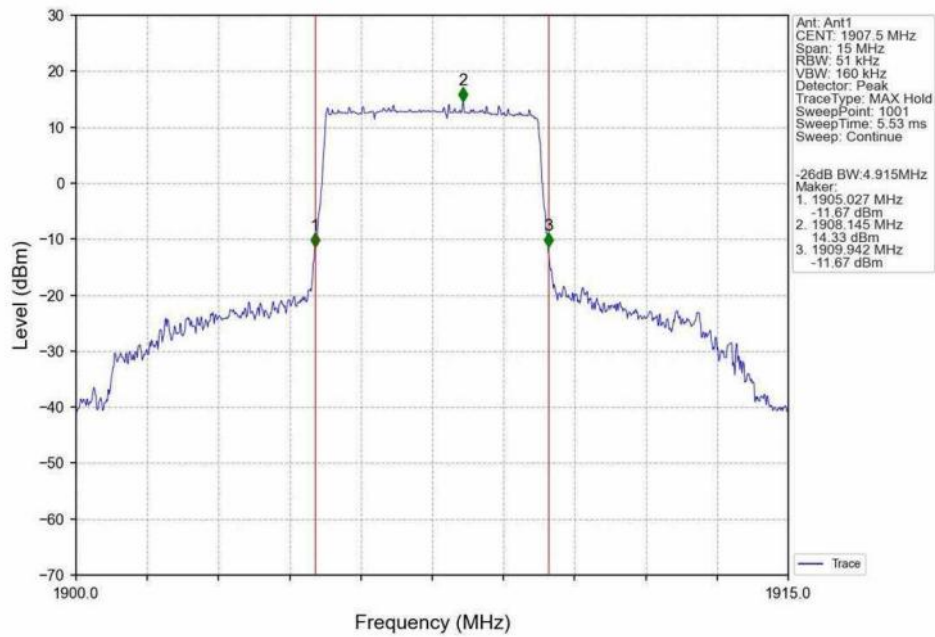
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



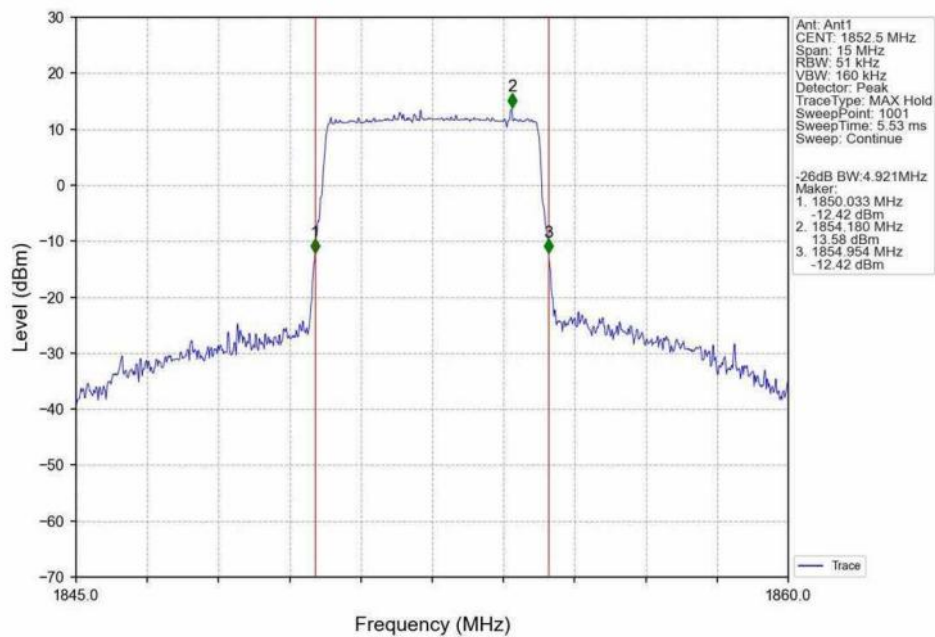
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



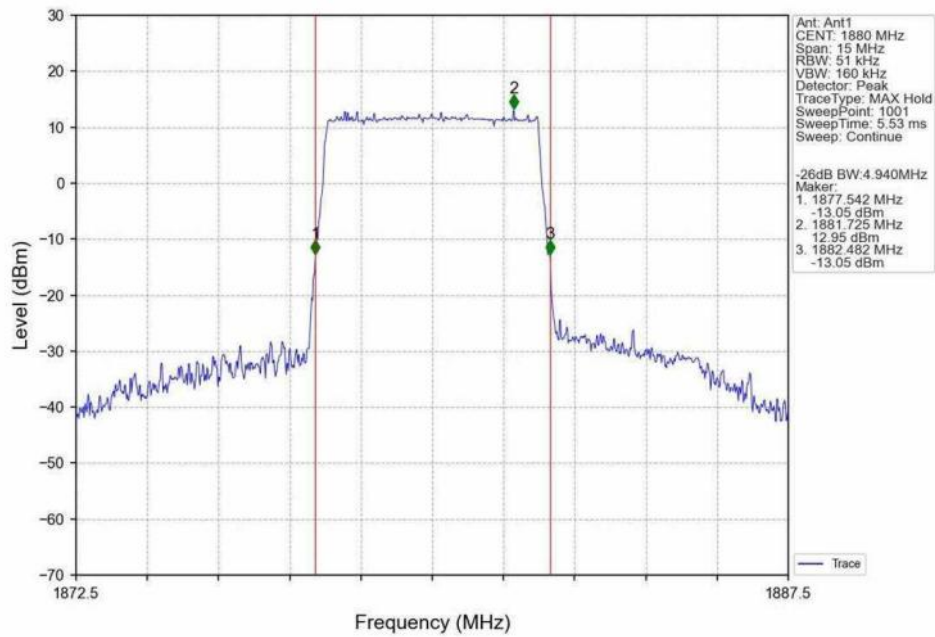
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



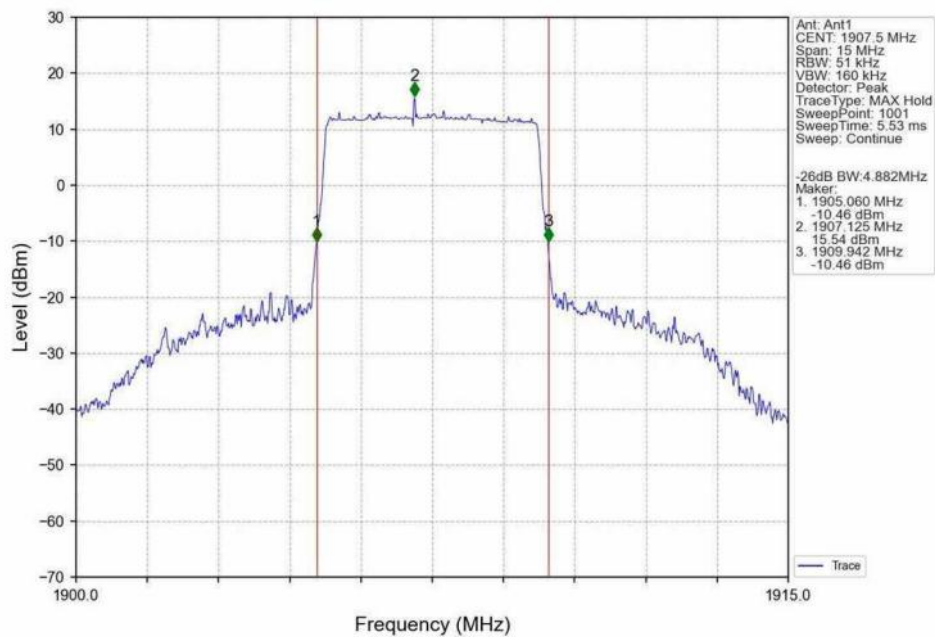
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



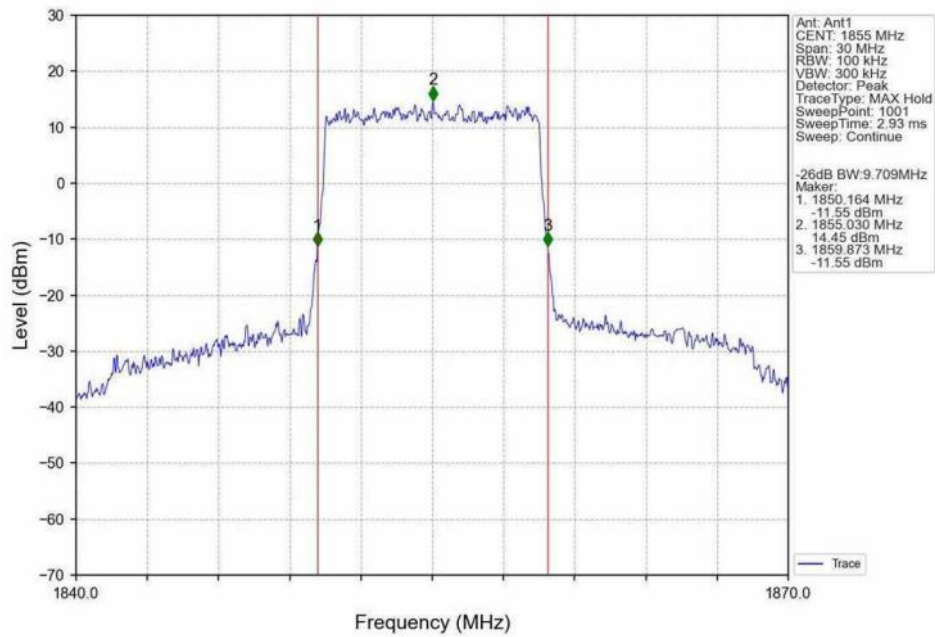
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



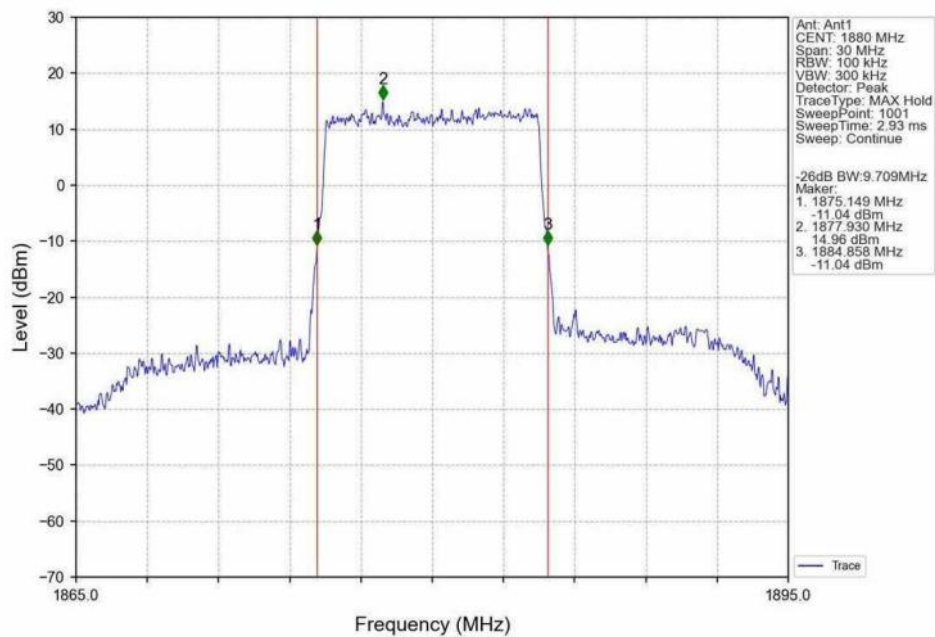
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



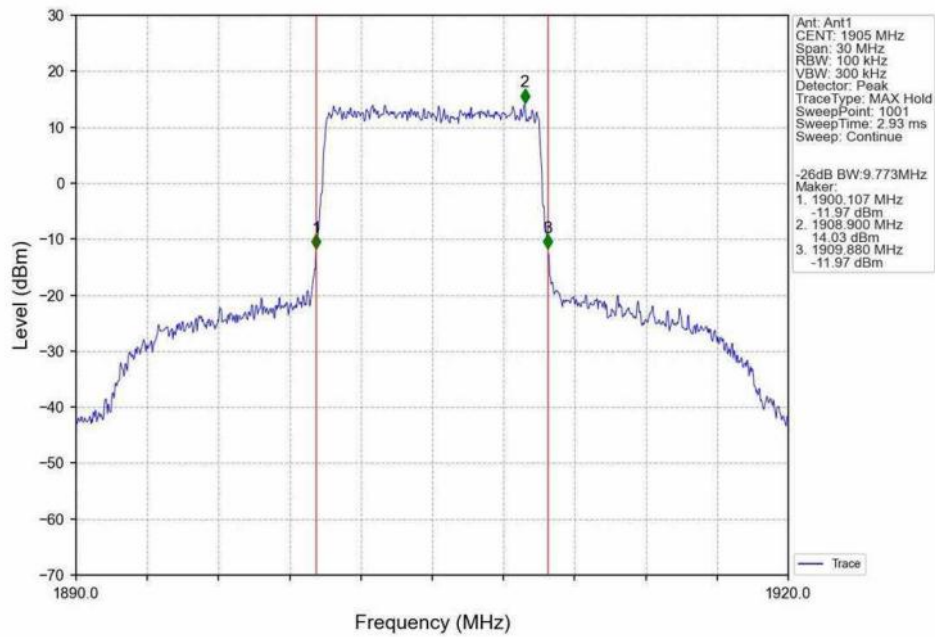
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



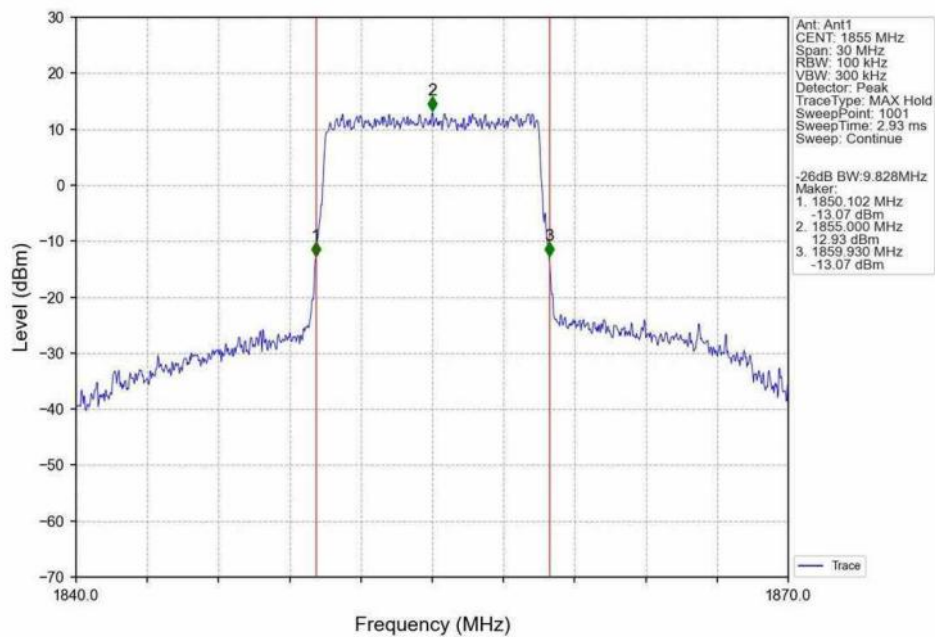
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



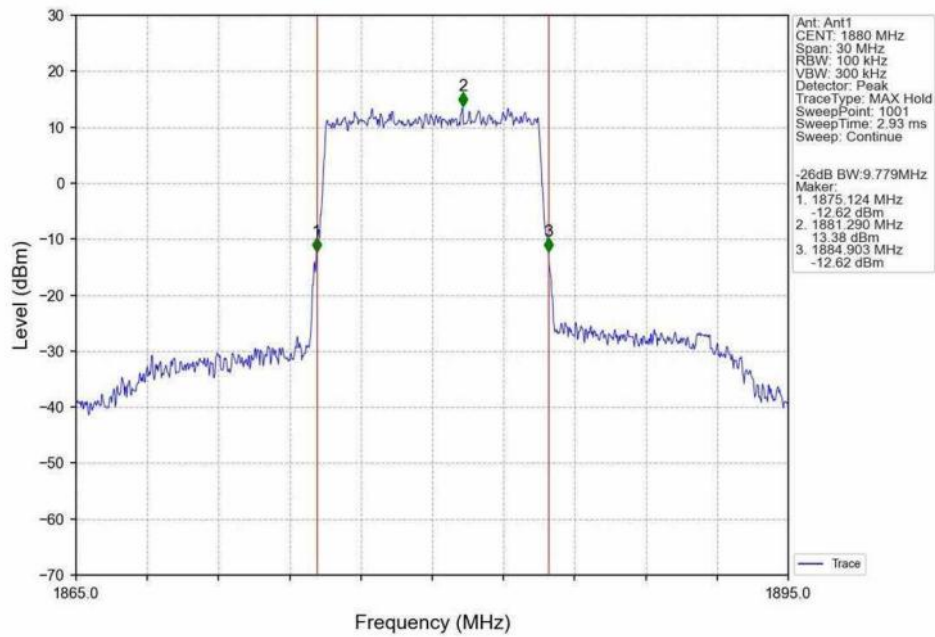
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



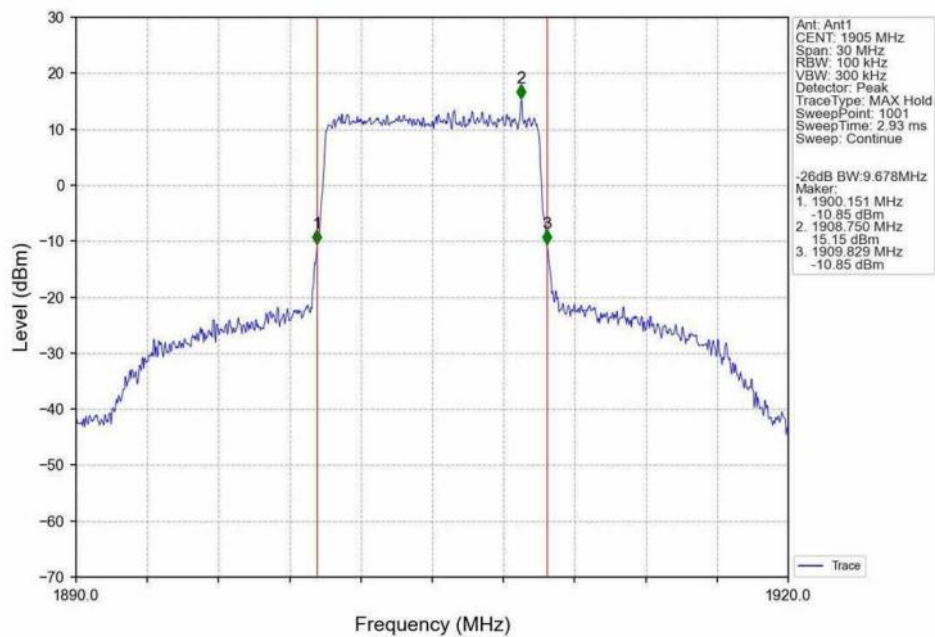
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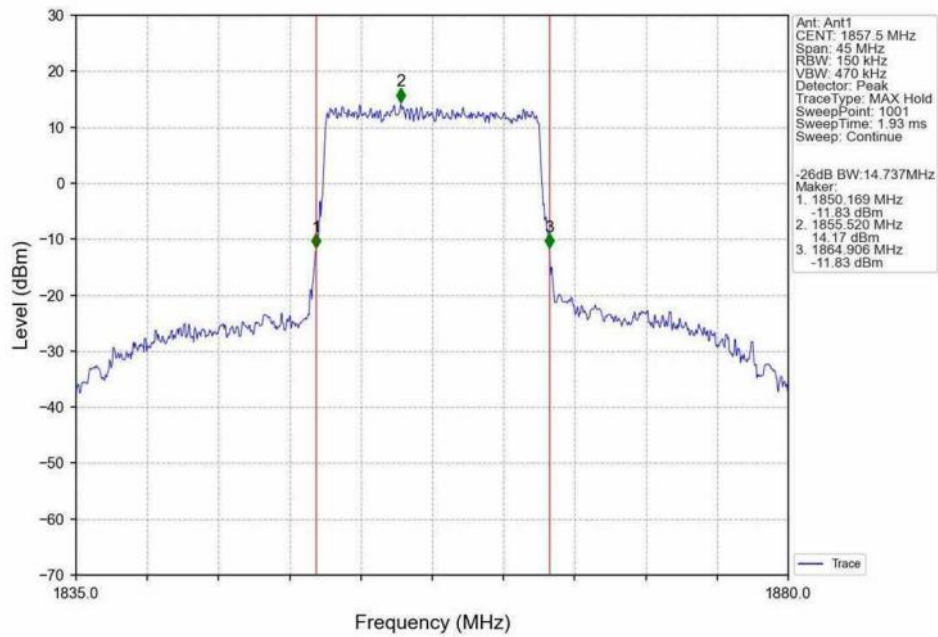
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



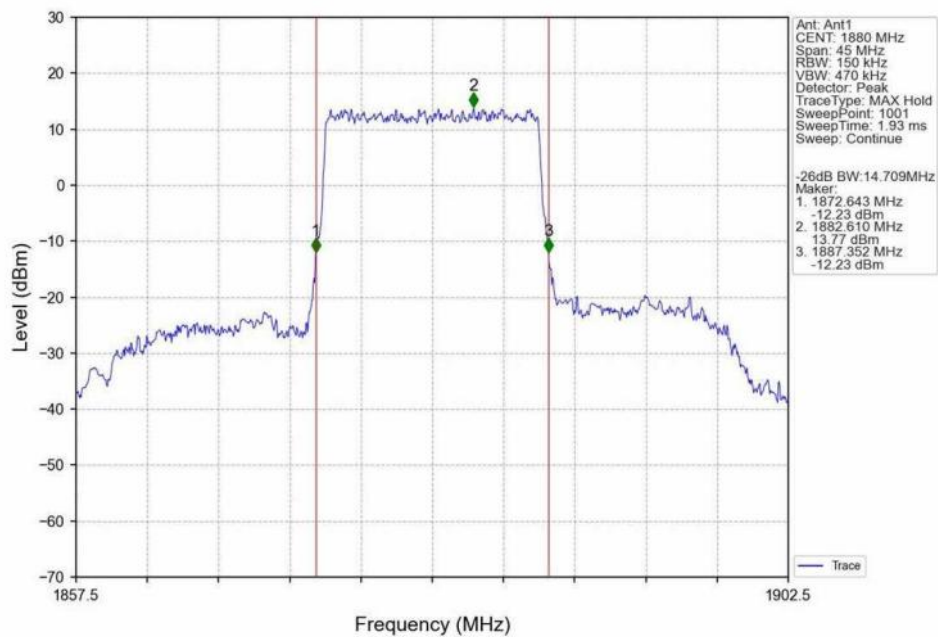
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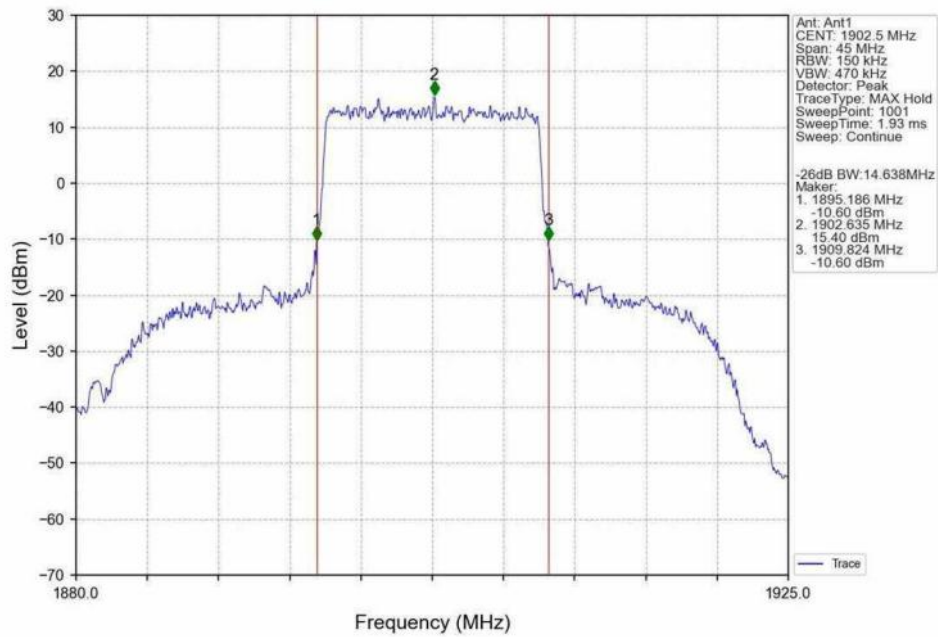
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



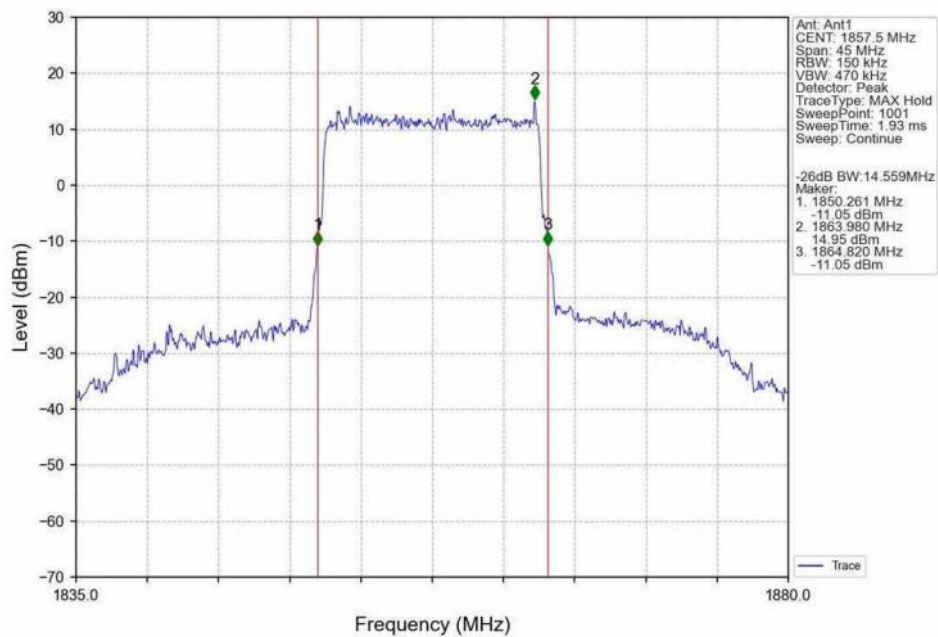
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



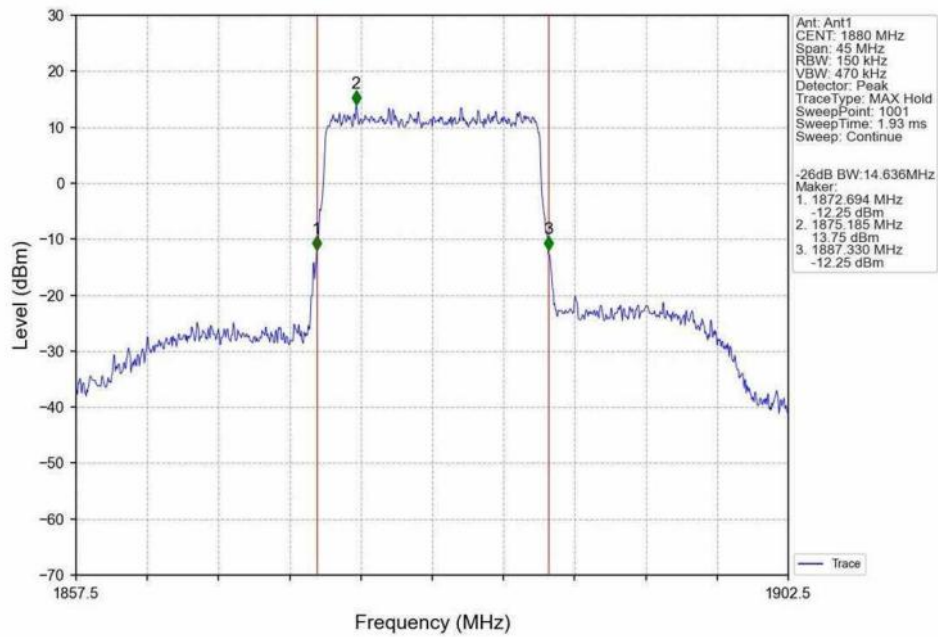
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



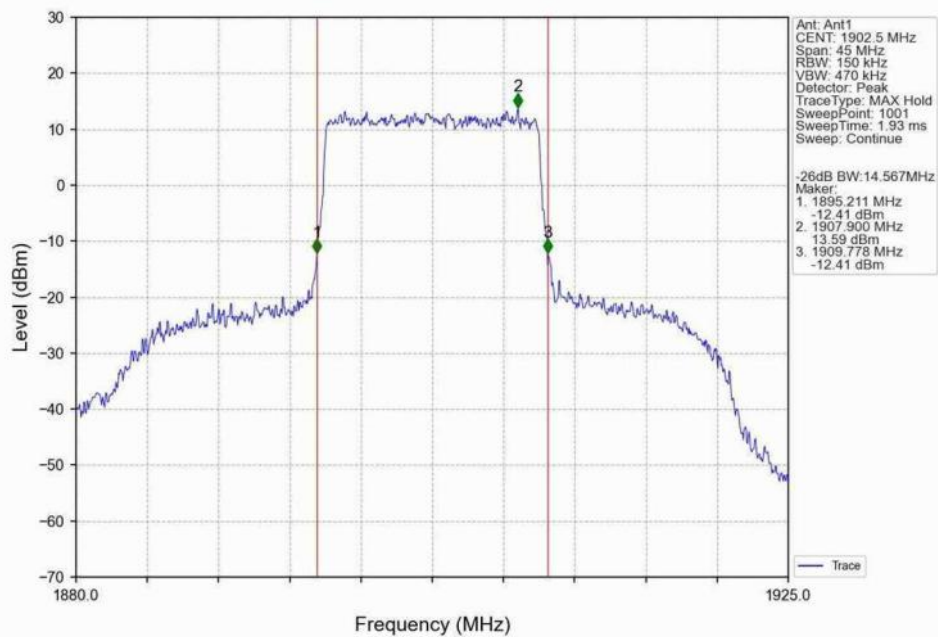
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



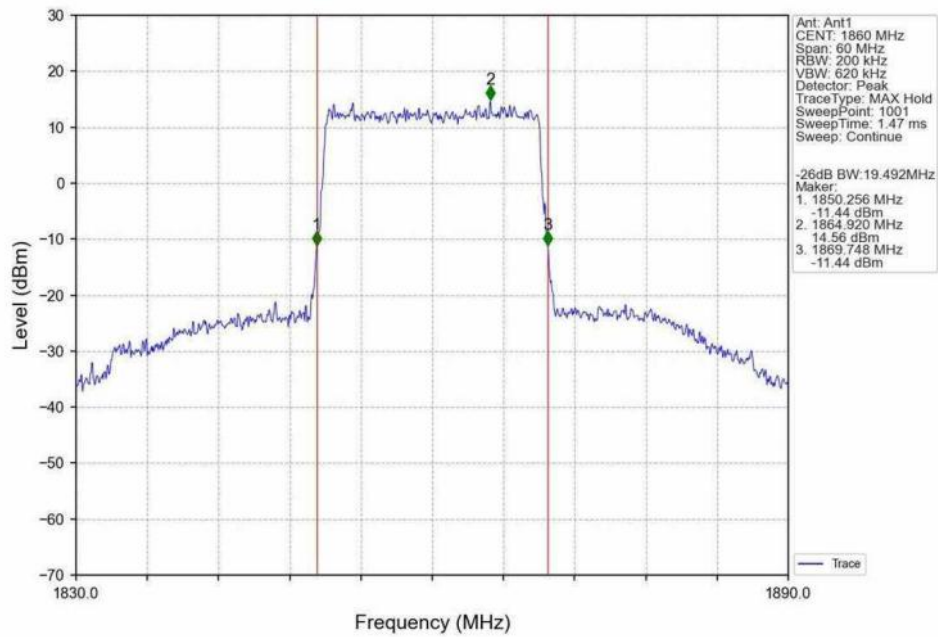
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



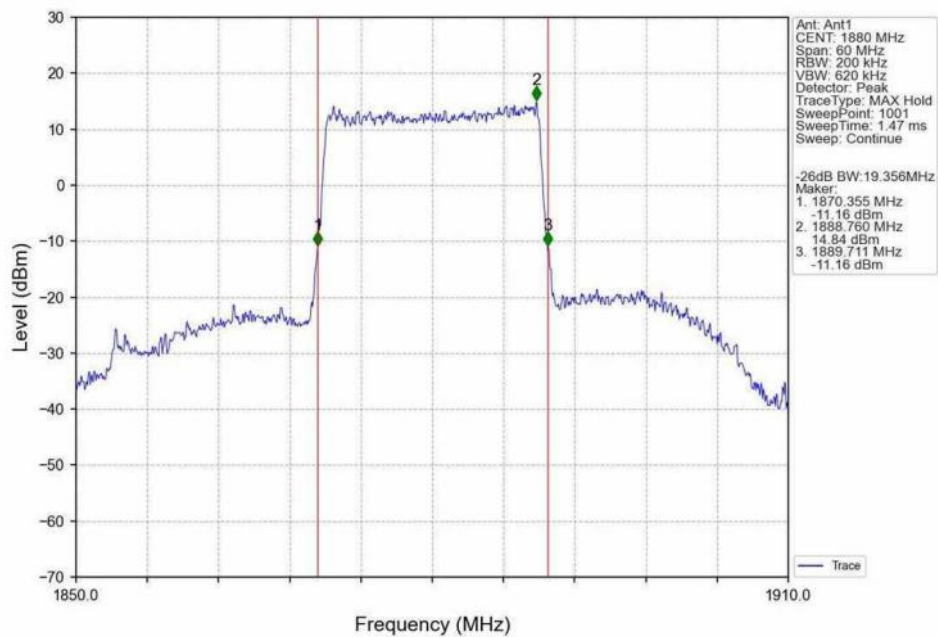
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



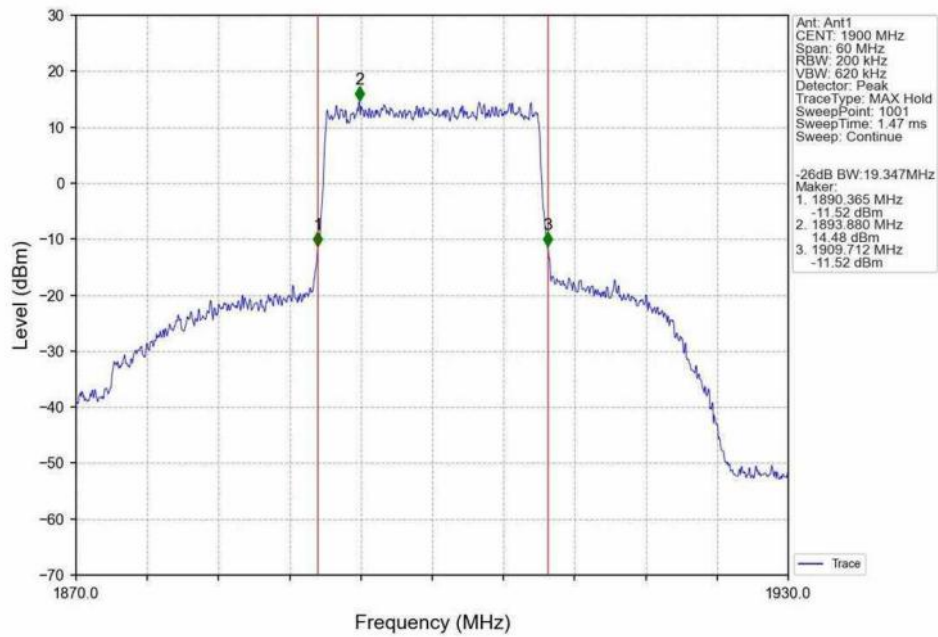
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



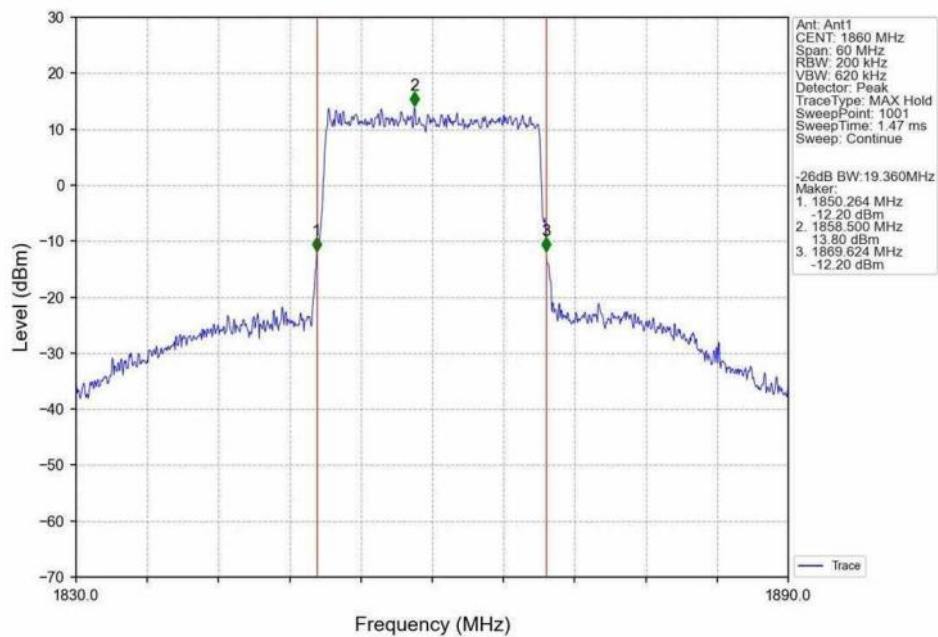
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



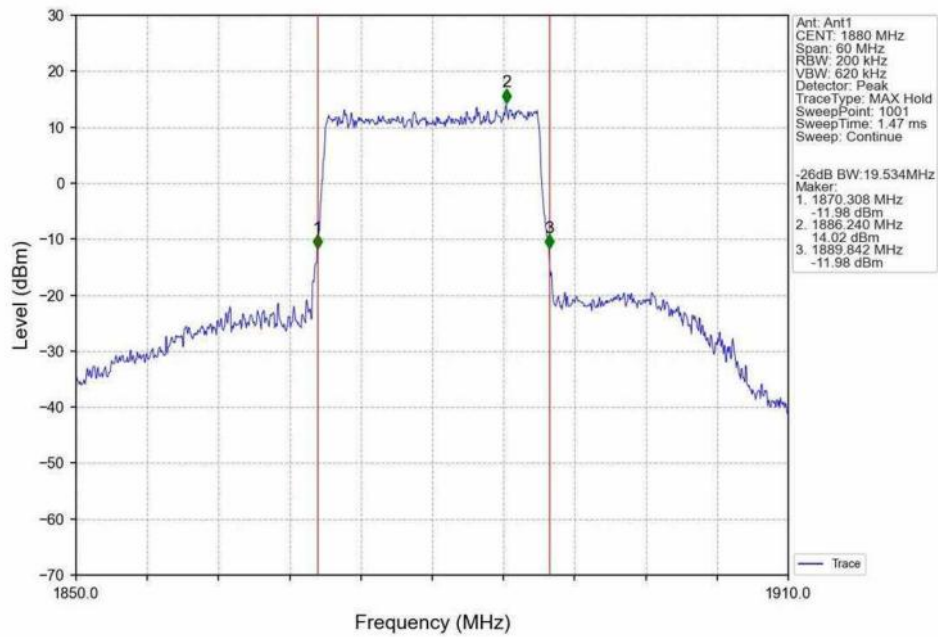
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



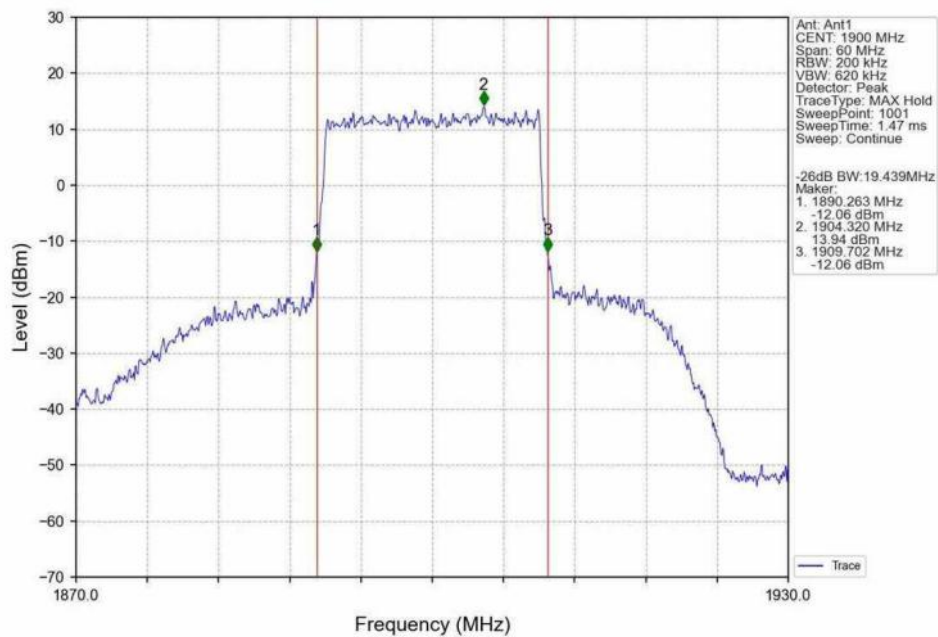
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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	5.00	≤ 13	Pass
	1880	6	0	5.27	≤ 13	Pass
	1909.3	6	0	4.15	≤ 13	Pass
16QAM	1850.7	6	0	5.69	≤ 13	Pass
	1880	6	0	6.09	≤ 13	Pass
	1909.3	6	0	4.88	≤ 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	4.89	≤ 13	Pass
	1880	15	0	5.12	≤ 13	Pass
	1908.5	15	0	3.85	≤ 13	Pass
16QAM	1851.5	15	0	5.64	≤ 13	Pass
	1880	15	0	5.84	≤ 13	Pass
	1908.5	15	0	4.53	≤ 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	4.86	≤ 13	Pass
	1880	25	0	7.41	≤ 13	Pass
	1907.5	25	0	5.13	≤ 13	Pass
16QAM	1852.5	25	0	5.44	≤ 13	Pass
	1880	25	0	8.44	≤ 13	Pass
	1907.5	25	0	5.75	≤ 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	5.36	≤ 13	Pass
	1880	50	0	5.62	≤ 13	Pass
	1905	50	0	5.11	≤ 13	Pass
16QAM	1855	50	0	6.12	≤ 13	Pass
	1880	50	0	6.37	≤ 13	Pass

	1905	50	0	5.79	<=13	Pass
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5.1.5 B2_15MHz

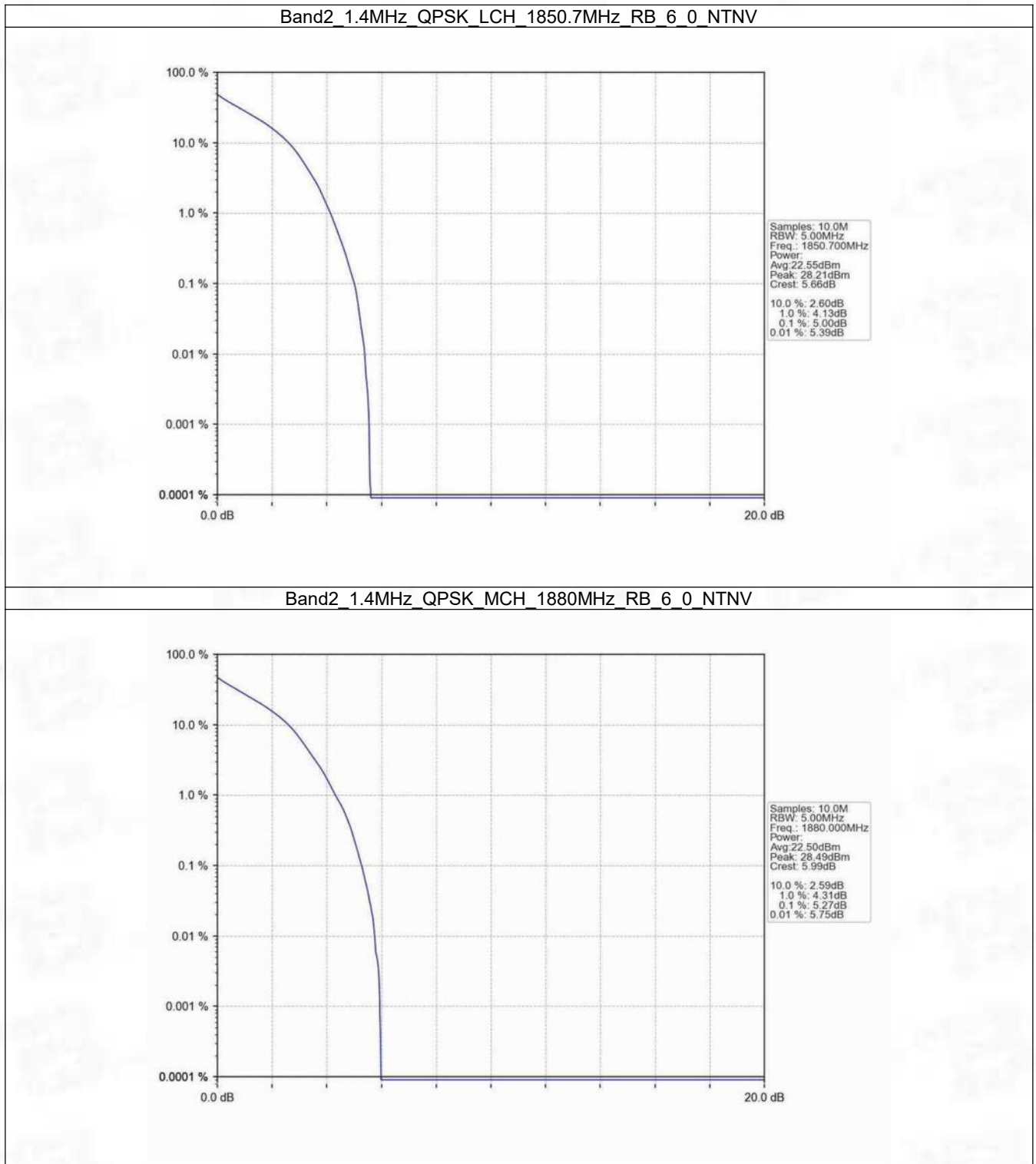
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.40	<=13	Pass
	1880	75	0	5.57	<=13	Pass
	1902.5	75	0	4.81	<=13	Pass
16QAM	1857.5	75	0	5.92	<=13	Pass
	1880	75	0	6.09	<=13	Pass
	1902.5	75	0	5.25	<=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	4.98	<=13	Pass
	1880	100	0	8.39	<=13	Pass
	1900	100	0	5.20	<=13	Pass
16QAM	1860	100	0	5.51	<=13	Pass
	1880	100	0	6.39	<=13	Pass
	1900	100	0	5.94	<=13	Pass

5.2 Test Graph

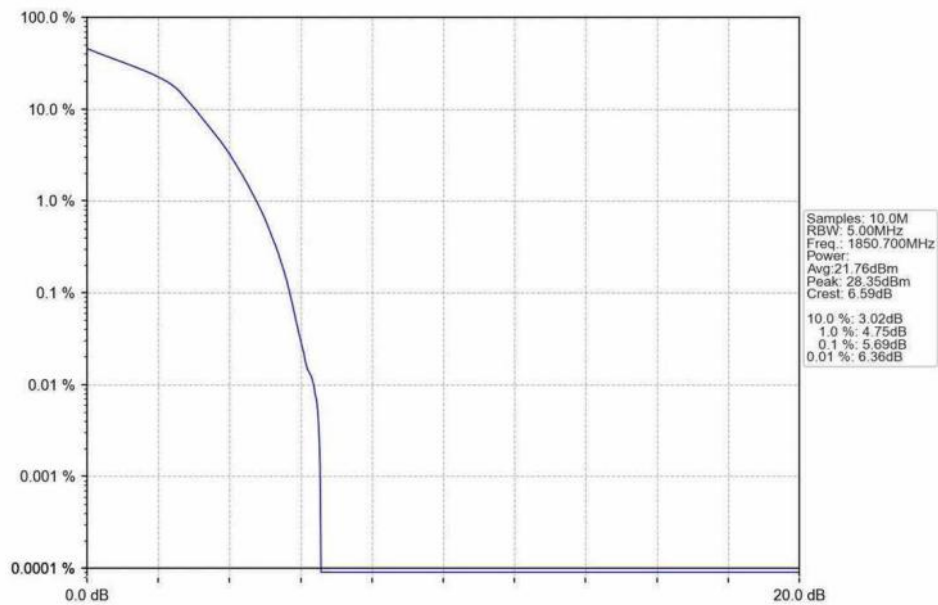
5.2.1 B2_1.4MHz



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



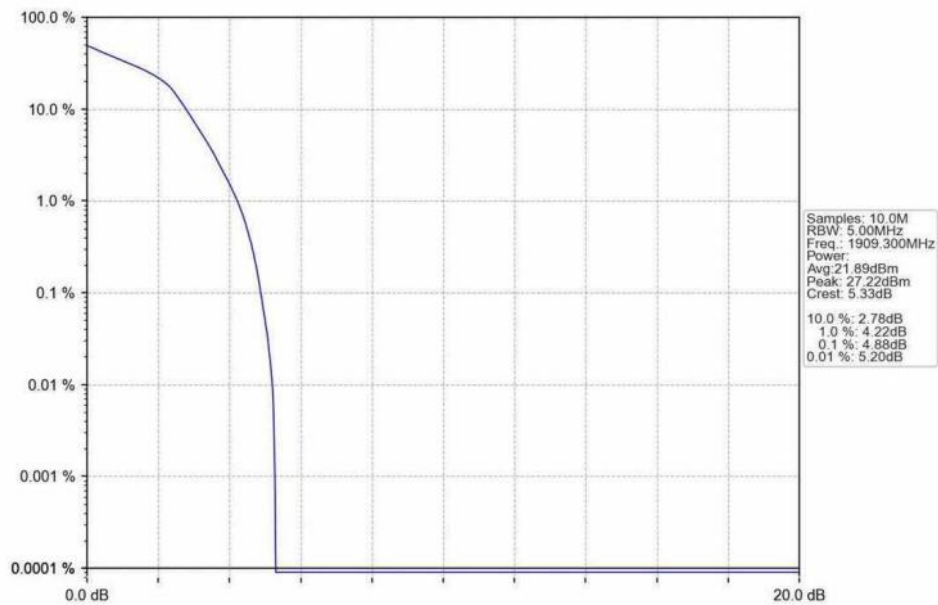
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



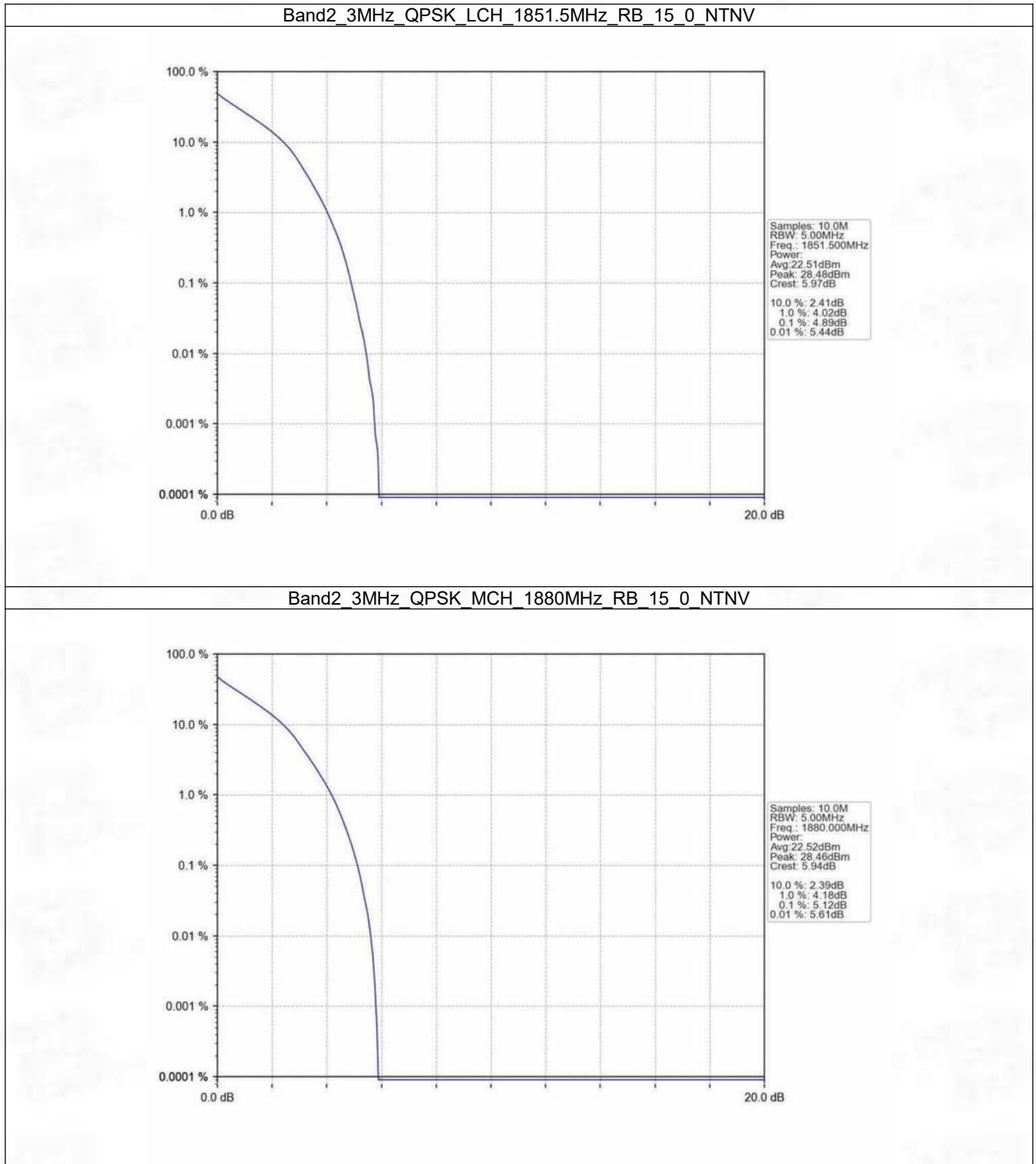
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



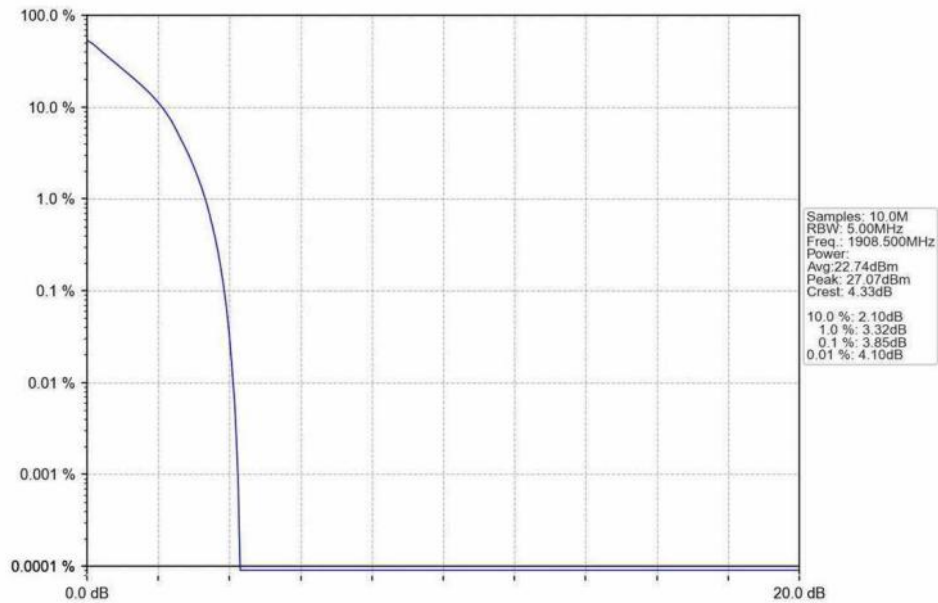
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



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

