



Annex for LTE Band 2

Test Report No.: CTL2405163031-WF

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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	22.56	1.36	23.92	<=33.01	Pass
			2	22.52	1.36	23.88	<=33.01	Pass
			5	22.55	1.36	23.91	<=33.01	Pass
		3	0	22.60	1.36	23.96	<=33.01	Pass
			2	22.61	1.36	23.97	<=33.01	Pass
			3	22.53	1.36	23.89	<=33.01	Pass
		6	0	21.73	1.36	23.09	<=33.01	Pass
	1880	1	0	22.73	1.36	24.09	<=33.01	Pass
			2	22.65	1.36	24.01	<=33.01	Pass
			5	22.61	1.36	23.97	<=33.01	Pass
		3	0	22.61	1.36	23.97	<=33.01	Pass
			2	22.59	1.36	23.95	<=33.01	Pass
			3	22.58	1.36	23.94	<=33.01	Pass
		6	0	21.64	1.36	23.00	<=33.01	Pass
	1909.3	1	0	22.62	1.36	23.98	<=33.01	Pass
			2	22.71	1.36	24.07	<=33.01	Pass
			5	22.89	1.36	24.25	<=33.01	Pass
		3	0	22.77	1.36	24.13	<=33.01	Pass
			2	22.81	1.36	24.17	<=33.01	Pass
			3	22.74	1.36	24.10	<=33.01	Pass
		6	0	21.80	1.36	23.16	<=33.01	Pass
16QAM	1850.7	1	0	21.97	1.36	23.33	<=33.01	Pass
			2	22.29	1.36	23.65	<=33.01	Pass
			5	22.02	1.36	23.38	<=33.01	Pass
		3	0	21.70	1.36	23.06	<=33.01	Pass
			2	21.38	1.36	22.74	<=33.01	Pass
			3	21.33	1.36	22.69	<=33.01	Pass
		6	0	20.70	1.36	22.06	<=33.01	Pass
	1880	1	0	21.91	1.36	23.27	<=33.01	Pass
			2	22.12	1.36	23.48	<=33.01	Pass
			5	21.93	1.36	23.29	<=33.01	Pass
		3	0	21.55	1.36	22.91	<=33.01	Pass
			2	21.81	1.36	23.17	<=33.01	Pass
			3	21.81	1.36	23.17	<=33.01	Pass
		6	0	20.77	1.36	22.13	<=33.01	Pass
	1909.3	1	0	21.33	1.36	22.69	<=33.01	Pass
			2	21.82	1.36	23.18	<=33.01	Pass
			5	21.84	1.36	23.20	<=33.01	Pass
		3	0	21.77	1.36	23.13	<=33.01	Pass
			2	21.78	1.36	23.14	<=33.01	Pass
			3	21.75	1.36	23.11	<=33.01	Pass
		6	0	20.77	1.36	22.13	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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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	22.61	1.36	23.97	<=33.01	Pass
			7	22.76	1.36	24.12	<=33.01	Pass
			14	22.62	1.36	23.98	<=33.01	Pass
		8	0	21.64	1.36	23.00	<=33.01	Pass
			4	21.71	1.36	23.07	<=33.01	Pass
			7	21.64	1.36	23.00	<=33.01	Pass
		15	0	21.68	1.36	23.04	<=33.01	Pass
	1880	1	0	22.57	1.36	23.93	<=33.01	Pass
			7	22.76	1.36	24.12	<=33.01	Pass
			14	22.61	1.36	23.97	<=33.01	Pass
		8	0	21.60	1.36	22.96	<=33.01	Pass
			4	21.63	1.36	22.99	<=33.01	Pass
			7	21.60	1.36	22.96	<=33.01	Pass
		15	0	21.57	1.36	22.93	<=33.01	Pass
	1908.5	1	0	22.67	1.36	24.03	<=33.01	Pass
			7	22.87	1.36	24.23	<=33.01	Pass
			14	22.70	1.36	24.06	<=33.01	Pass
		8	0	21.77	1.36	23.13	<=33.01	Pass
			4	21.73	1.36	23.09	<=33.01	Pass
			7	21.81	1.36	23.17	<=33.01	Pass
		15	0	21.78	1.36	23.14	<=33.01	Pass
16QAM	1851.5	1	0	21.95	1.36	23.31	<=33.01	Pass
			7	22.26	1.36	23.62	<=33.01	Pass
			14	22.44	1.36	23.80	<=33.01	Pass
		8	0	20.51	1.36	21.87	<=33.01	Pass
			4	20.63	1.36	21.99	<=33.01	Pass
			7	20.57	1.36	21.93	<=33.01	Pass
		15	0	20.63	1.36	21.99	<=33.01	Pass
	1880	1	0	21.84	1.36	23.20	<=33.01	Pass
			7	21.95	1.36	23.31	<=33.01	Pass
			14	21.76	1.36	23.12	<=33.01	Pass
		8	0	20.80	1.36	22.16	<=33.01	Pass
			4	20.77	1.36	22.13	<=33.01	Pass
			7	20.97	1.36	22.33	<=33.01	Pass
		15	0	20.65	1.36	22.01	<=33.01	Pass
	1908.5	1	0	21.97	1.36	23.33	<=33.01	Pass
			7	22.32	1.36	23.68	<=33.01	Pass
			14	21.98	1.36	23.34	<=33.01	Pass
		8	0	21.03	1.36	22.39	<=33.01	Pass
			4	20.82	1.36	22.18	<=33.01	Pass
			7	20.79	1.36	22.15	<=33.01	Pass
		15	0	20.76	1.36	22.12	<=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	22.56	1.36	23.92	<=33.01	Pass
			13	22.46	1.36	23.82	<=33.01	Pass
			24	22.54	1.36	23.90	<=33.01	Pass

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16QAM	1880	12	0	21.62	1.36	22.98	<=33.01	Pass
			6	21.60	1.36	22.96	<=33.01	Pass
			13	21.68	1.36	23.04	<=33.01	Pass
		25	0	21.64	1.36	23.00	<=33.01	Pass
			0	22.52	1.36	23.88	<=33.01	Pass
			13	22.50	1.36	23.86	<=33.01	Pass
		1	24	22.50	1.36	23.86	<=33.01	Pass
			0	21.50	1.36	22.86	<=33.01	Pass
			6	21.66	1.36	23.02	<=33.01	Pass
		12	13	21.60	1.36	22.96	<=33.01	Pass
			0	21.57	1.36	22.93	<=33.01	Pass
			25	0	21.57	1.36	22.93	Pass
	1907.5	1	0	22.36	1.36	23.72	<=33.01	Pass
			13	22.69	1.36	24.05	<=33.01	Pass
			24	22.73	1.36	24.09	<=33.01	Pass
		12	0	21.67	1.36	23.03	<=33.01	Pass
			6	21.83	1.36	23.19	<=33.01	Pass
			13	21.79	1.36	23.15	<=33.01	Pass
		25	0	21.63	1.36	22.99	<=33.01	Pass
			0	21.00	1.36	22.36	<=33.01	Pass
			13	21.41	1.36	22.77	<=33.01	Pass
		1	24	21.22	1.36	22.58	<=33.01	Pass
			0	20.82	1.36	22.18	<=33.01	Pass
			6	20.47	1.36	21.83	<=33.01	Pass
16QAM	1852.5	12	13	20.79	1.36	22.15	<=33.01	Pass
			0	20.70	1.36	22.06	<=33.01	Pass
			25	0	20.70	1.36	22.06	Pass
		1	0	21.41	1.36	22.77	<=33.01	Pass
			13	21.24	1.36	22.60	<=33.01	Pass
			24	21.36	1.36	22.72	<=33.01	Pass
		12	0	20.72	1.36	22.08	<=33.01	Pass
			6	20.66	1.36	22.02	<=33.01	Pass
			13	20.70	1.36	22.06	<=33.01	Pass
		25	0	20.69	1.36	22.05	<=33.01	Pass
			0	21.72	1.36	23.08	<=33.01	Pass
			13	22.21	1.36	23.57	<=33.01	Pass
	1880	1	24	22.25	1.36	23.61	<=33.01	Pass
			0	20.52	1.36	21.88	<=33.01	Pass
			6	20.81	1.36	22.17	<=33.01	Pass
		12	13	20.66	1.36	22.02	<=33.01	Pass
			0	20.64	1.36	22.00	<=33.01	Pass
			25	0	20.64	1.36	22.00	Pass
	1907.5	1	0	21.72	1.36	23.08	<=33.01	Pass
			13	22.21	1.36	23.57	<=33.01	Pass
			24	22.25	1.36	23.61	<=33.01	Pass
		12	0	20.52	1.36	21.88	<=33.01	Pass
			6	20.81	1.36	22.17	<=33.01	Pass
			13	20.66	1.36	22.02	<=33.01	Pass
		25	0	20.64	1.36	22.00	<=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	22.69	1.36	24.05	<=33.01	Pass
			25	22.80	1.36	24.16	<=33.01	Pass
			49	22.49	1.36	23.85	<=33.01	Pass
		25	0	21.70	1.36	23.06	<=33.01	Pass
			13	21.74	1.36	23.10	<=33.01	Pass
			25	21.67	1.36	23.03	<=33.01	Pass
		50	0	21.68	1.36	23.04	<=33.01	Pass
			0	22.40	1.36	23.76	<=33.01	Pass
			25	22.87	1.36	24.23	<=33.01	Pass
	1880	1	49	22.50	1.36	23.86	<=33.01	Pass

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16QAM	1905	25	0	21.42	1.36	22.78	<=33.01	Pass
			13	21.69	1.36	23.05	<=33.01	Pass
			25	21.62	1.36	22.98	<=33.01	Pass
		50	0	21.56	1.36	22.92	<=33.01	Pass
			0	22.49	1.36	23.85	<=33.01	Pass
			25	22.94	1.36	24.30	<=33.01	Pass
		1	49	22.54	1.36	23.90	<=33.01	Pass
			0	21.50	1.36	22.86	<=33.01	Pass
			13	21.63	1.36	22.99	<=33.01	Pass
	1855	25	25	21.65	1.36	23.01	<=33.01	Pass
			0	21.53	1.36	22.89	<=33.01	Pass
			0	21.87	1.36	23.23	<=33.01	Pass
		1	25	22.57	1.36	23.93	<=33.01	Pass
			49	21.87	1.36	23.23	<=33.01	Pass
			0	20.78	1.36	22.14	<=33.01	Pass
		25	13	20.80	1.36	22.16	<=33.01	Pass
			25	20.71	1.36	22.07	<=33.01	Pass
			0	20.72	1.36	22.08	<=33.01	Pass
	1880	50	0	21.48	1.36	22.84	<=33.01	Pass
			0	22.14	1.36	23.50	<=33.01	Pass
			49	21.23	1.36	22.59	<=33.01	Pass
		1	0	20.80	1.36	22.16	<=33.01	Pass
			13	20.89	1.36	22.25	<=33.01	Pass
			25	20.79	1.36	22.15	<=33.01	Pass
		25	0	20.58	1.36	21.94	<=33.01	Pass
			0	22.20	1.36	23.56	<=33.01	Pass
			25	22.68	1.36	24.04	<=33.01	Pass
16QAM	1905	1	49	22.46	1.36	23.82	<=33.01	Pass
			0	20.66	1.36	22.02	<=33.01	Pass
			13	20.88	1.36	22.24	<=33.01	Pass
		25	25	20.87	1.36	22.23	<=33.01	Pass
			0	20.59	1.36	21.95	<=33.01	Pass
			0	20.59	1.36	21.95	<=33.01	Pass
		50	0	20.59	1.36	21.95	<=33.01	Pass
			0	20.59	1.36	21.95	<=33.01	Pass
			0	20.59	1.36	21.95	<=33.01	Pass
		1	0	20.59	1.36	21.95	<=33.01	Pass
			0	20.59	1.36	21.95	<=33.01	Pass
			0	20.59	1.36	21.95	<=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	22.70	1.36	24.06	<=33.01	Pass
			38	22.63	1.36	23.99	<=33.01	Pass
			74	22.53	1.36	23.89	<=33.01	Pass
		36	0	21.72	1.36	23.08	<=33.01	Pass
			18	21.72	1.36	23.08	<=33.01	Pass
			39	21.62	1.36	22.98	<=33.01	Pass
		75	0	21.82	1.36	23.18	<=33.01	Pass
			0	22.34	1.36	23.70	<=33.01	Pass
			38	22.50	1.36	23.86	<=33.01	Pass
	1880	1	74	22.34	1.36	23.70	<=33.01	Pass
			0	21.48	1.36	22.84	<=33.01	Pass
			18	21.73	1.36	23.09	<=33.01	Pass
		36	39	21.69	1.36	23.05	<=33.01	Pass
			0	21.50	1.36	22.86	<=33.01	Pass
			0	22.36	1.36	23.72	<=33.01	Pass
		75	38	22.31	1.36	23.67	<=33.01	Pass
			74	22.39	1.36	23.75	<=33.01	Pass
			0	22.39	1.36	23.75	<=33.01	Pass

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16QAM	1857.5	36	0	21.61	1.36	22.97	<=33.01	Pass
			18	21.66	1.36	23.02	<=33.01	Pass
			39	21.63	1.36	22.99	<=33.01	Pass
		75	0	21.58	1.36	22.94	<=33.01	Pass
			0	22.02	1.36	23.38	<=33.01	Pass
			38	22.11	1.36	23.47	<=33.01	Pass
		36	74	21.82	1.36	23.18	<=33.01	Pass
			0	20.76	1.36	22.12	<=33.01	Pass
			18	20.65	1.36	22.01	<=33.01	Pass
		75	39	20.59	1.36	21.95	<=33.01	Pass
			0	20.77	1.36	22.13	<=33.01	Pass
	1880	1	0	21.54	1.36	22.90	<=33.01	Pass
			38	21.54	1.36	22.90	<=33.01	Pass
			74	21.18	1.36	22.54	<=33.01	Pass
		36	0	20.40	1.36	21.76	<=33.01	Pass
			18	20.64	1.36	22.00	<=33.01	Pass
			39	20.70	1.36	22.06	<=33.01	Pass
		75	0	20.63	1.36	21.99	<=33.01	Pass
			0	22.13	1.36	23.49	<=33.01	Pass
			38	22.80	1.36	24.16	<=33.01	Pass
	1902.5	1	74	22.23	1.36	23.59	<=33.01	Pass
			0	20.45	1.36	21.81	<=33.01	Pass
			18	20.62	1.36	21.98	<=33.01	Pass
		36	39	20.67	1.36	22.03	<=33.01	Pass
			0	20.57	1.36	21.93	<=33.01	Pass
			0	20.57	1.36	21.93	<=33.01	Pass
		75	0	20.57	1.36	21.93	<=33.01	Pass
			0	20.57	1.36	21.93	<=33.01	Pass
			0	20.57	1.36	21.93	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.60	1.36	23.96	<=33.01	Pass
			50	23.01	1.36	24.37	<=33.01	Pass
			99	22.54	1.36	23.90	<=33.01	Pass
		50	0	21.70	1.36	23.06	<=33.01	Pass
			25	21.56	1.36	22.92	<=33.01	Pass
			50	21.53	1.36	22.89	<=33.01	Pass
		100	0	21.71	1.36	23.07	<=33.01	Pass
			0	22.27	1.36	23.63	<=33.01	Pass
			50	22.51	1.36	23.87	<=33.01	Pass
	1880	1	99	22.12	1.36	23.48	<=33.01	Pass
			0	21.45	1.36	22.81	<=33.01	Pass
			25	21.44	1.36	22.80	<=33.01	Pass
		50	50	21.36	1.36	22.72	<=33.01	Pass
			0	21.35	1.36	22.71	<=33.01	Pass
			0	21.35	1.36	22.71	<=33.01	Pass
		100	0	21.32	1.36	22.68	<=33.01	Pass
			0	21.32	1.36	22.68	<=33.01	Pass
			0	21.32	1.36	22.68	<=33.01	Pass
	1900	1	0	22.22	1.36	23.58	<=33.01	Pass
			50	22.38	1.36	23.74	<=33.01	Pass
			99	22.72	1.36	24.08	<=33.01	Pass
		50	0	21.35	1.36	22.71	<=33.01	Pass
			25	21.37	1.36	22.73	<=33.01	Pass
			50	21.37	1.36	22.73	<=33.01	Pass
		100	0	21.32	1.36	22.68	<=33.01	Pass
			0	21.32	1.36	22.68	<=33.01	Pass
			0	21.32	1.36	22.68	<=33.01	Pass
16QAM	1860	1	0	21.96	1.36	23.32	<=33.01	Pass
			50	22.41	1.36	23.77	<=33.01	Pass
			99	21.79	1.36	23.15	<=33.01	Pass

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		50	0	20.78	1.36	22.14	<=33.01	Pass
			25	20.71	1.36	22.07	<=33.01	Pass
			50	20.64	1.36	22.00	<=33.01	Pass
		100	0	20.70	1.36	22.06	<=33.01	Pass
	1880	1	0	22.37	1.36	23.73	<=33.01	Pass
			50	22.83	1.36	24.19	<=33.01	Pass
			99	22.25	1.36	23.61	<=33.01	Pass
		50	0	20.44	1.36	21.80	<=33.01	Pass
			25	20.71	1.36	22.07	<=33.01	Pass
			50	20.69	1.36	22.05	<=33.01	Pass
		100	0	20.58	1.36	21.94	<=33.01	Pass
	1900	1	0	20.97	1.36	22.33	<=33.01	Pass
			50	21.37	1.36	22.73	<=33.01	Pass
			99	21.63	1.36	22.99	<=33.01	Pass
		50	0	20.65	1.36	22.01	<=33.01	Pass
			25	20.64	1.36	22.00	<=33.01	Pass
			50	20.67	1.36	22.03	<=33.01	Pass
		100	0	20.60	1.36	21.96	<=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	-0.887	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-4.292	-0.0023	-2.5 to 2.5	Pass
					3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	0.801	0.0004	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0003	-2.5 to 2.5	Pass

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16QAM	1850.7	6	0	-30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-2.375	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-3.333	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-0.715	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.458	-0.0002	-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	-2.275	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass

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	1880	15	0	40	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				20	3.27	-1.659	-0.0009	-2.5 to 2.5	Pass
					3.85	-4.778	-0.0025	-2.5 to 2.5	Pass
					4.43	-4.177	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.407	-0.0029	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	0.243	0.0001	-2.5 to 2.5	Pass
					4.43	0.973	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
	16QAM	1851.5	15	20	3.27	-1.030	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
		1880	15	20	3.27	-2.632	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.933	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
		1908.5	15	20	3.27	-0.315	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.402	-0.0007	-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	-2.103	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-3.362	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	1.717	0.0009	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	1.545	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				50	3.85	0.758	0.0004	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-3.004	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-3.548	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass

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				0	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.136	-0.0027	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-1.030	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
					4.43	0.415	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.858	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0002	-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	-2.403	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.988	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-3.490	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.220	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	2.031	0.0011	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0001	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-2.346	-0.0013	-2.5 to 2.5	Pass

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						3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
						4.43	-2.561	-0.0014	-2.5 to 2.5	Pass
					-30	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
					-20	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
					-10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
					0	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
					10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
					30	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
					40	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
					50	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
	1880	50	0		20	3.27	-4.478	-0.0024	-2.5 to 2.5	Pass
						3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
						4.43	-2.890	-0.0015	-2.5 to 2.5	Pass
					-30	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
					-20	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
					-10	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
					0	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
					10	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
					30	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
					40	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
	50	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass				
	1905	50	0		20	3.27	0.830	0.0004	-2.5 to 2.5	Pass
						3.85	1.888	0.0010	-2.5 to 2.5	Pass
						4.43	0.701	0.0004	-2.5 to 2.5	Pass
					-30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
					-20	3.85	1.044	0.0005	-2.5 to 2.5	Pass
					-10	3.85	1.802	0.0009	-2.5 to 2.5	Pass
					0	3.85	0.601	0.0003	-2.5 to 2.5	Pass
					10	3.85	0.772	0.0004	-2.5 to 2.5	Pass
					30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
					40	3.85	1.516	0.0008	-2.5 to 2.5	Pass
					50	3.85	2.189	0.0011	-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	-4.320	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-4.020	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-3.533	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.819	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass

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				10	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-3.877	-0.0020	-2.5 to 2.5	Pass
					3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.403	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-2.346	-0.0012	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-4.020	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.875	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.519	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.760	-0.0009	-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	1.373	0.0007	-2.5 to 2.5	Pass
					3.85	0.372	0.0002	-2.5 to 2.5	Pass

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16QAM					4.43	0.601	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.588	0.0009	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-3.247	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.260	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.747	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.475	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-0.358	-0.0002	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					4.43	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.987	0.0005	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-3.090	-0.0016	-2.5 to 2.5	Pass
					3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.533	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.432	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass

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				-20	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0015	-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

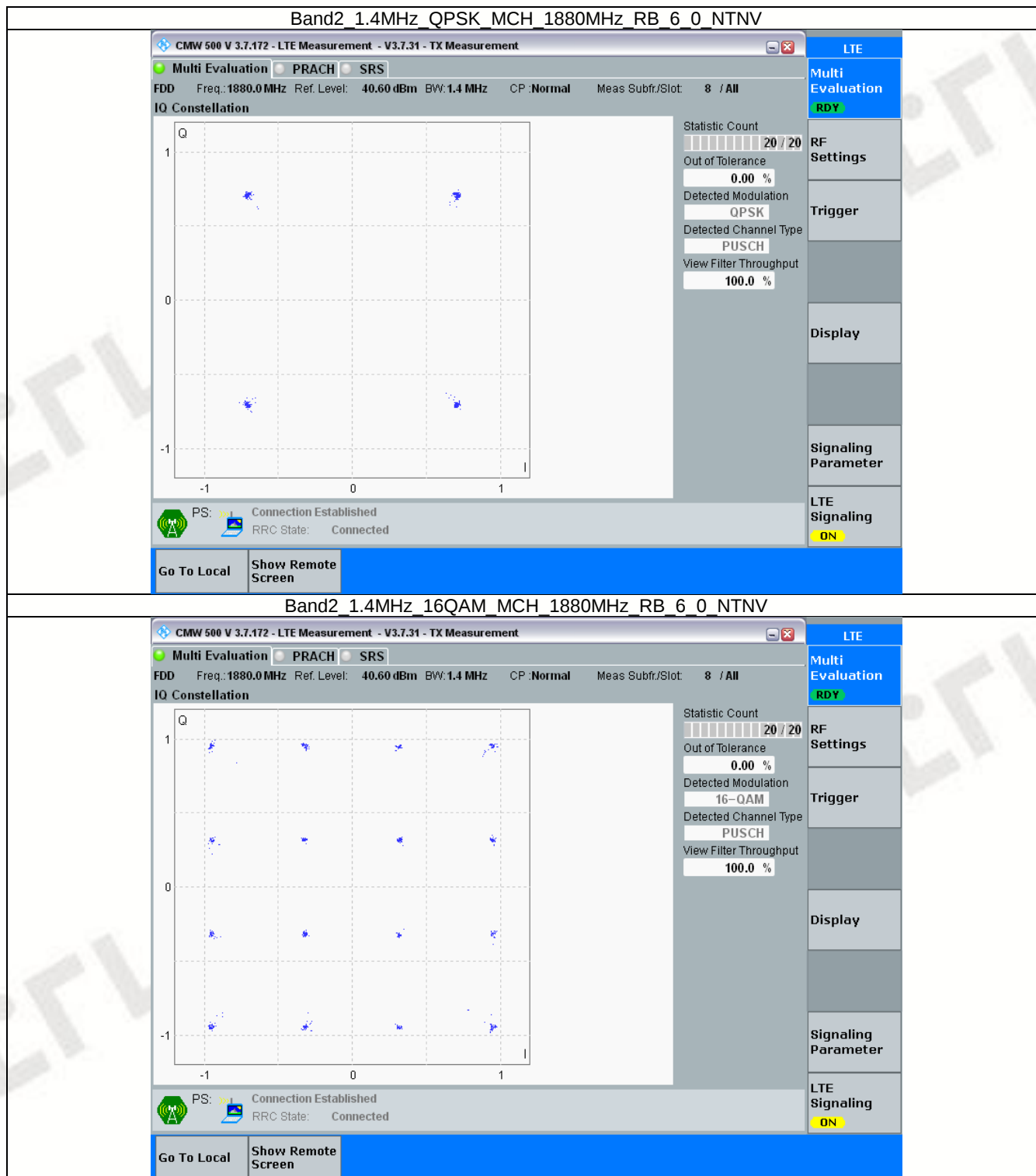
3.1.6 B2_20MHz

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

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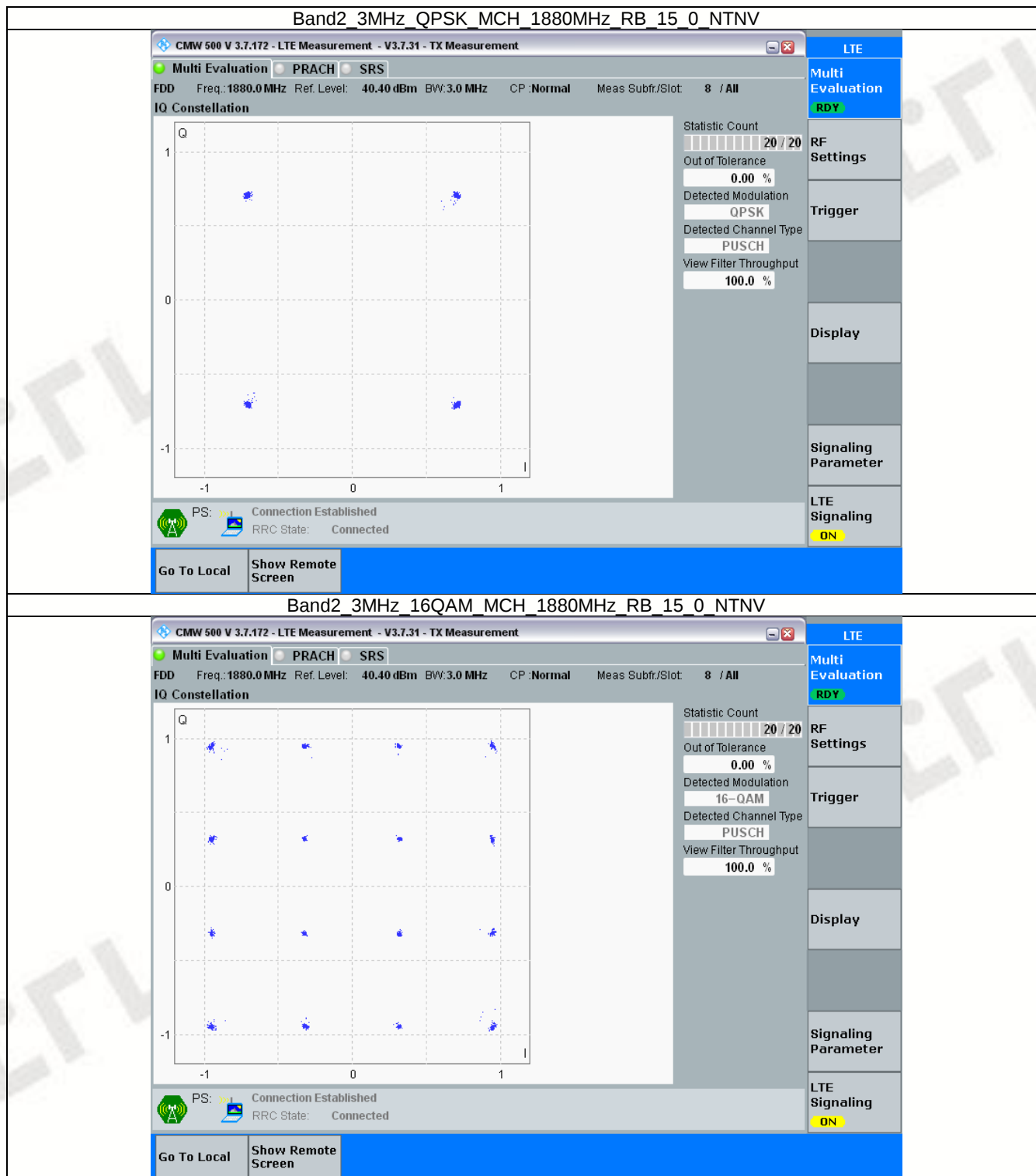
3.2 Test Graph

3.2.1 B2_1.4MHz



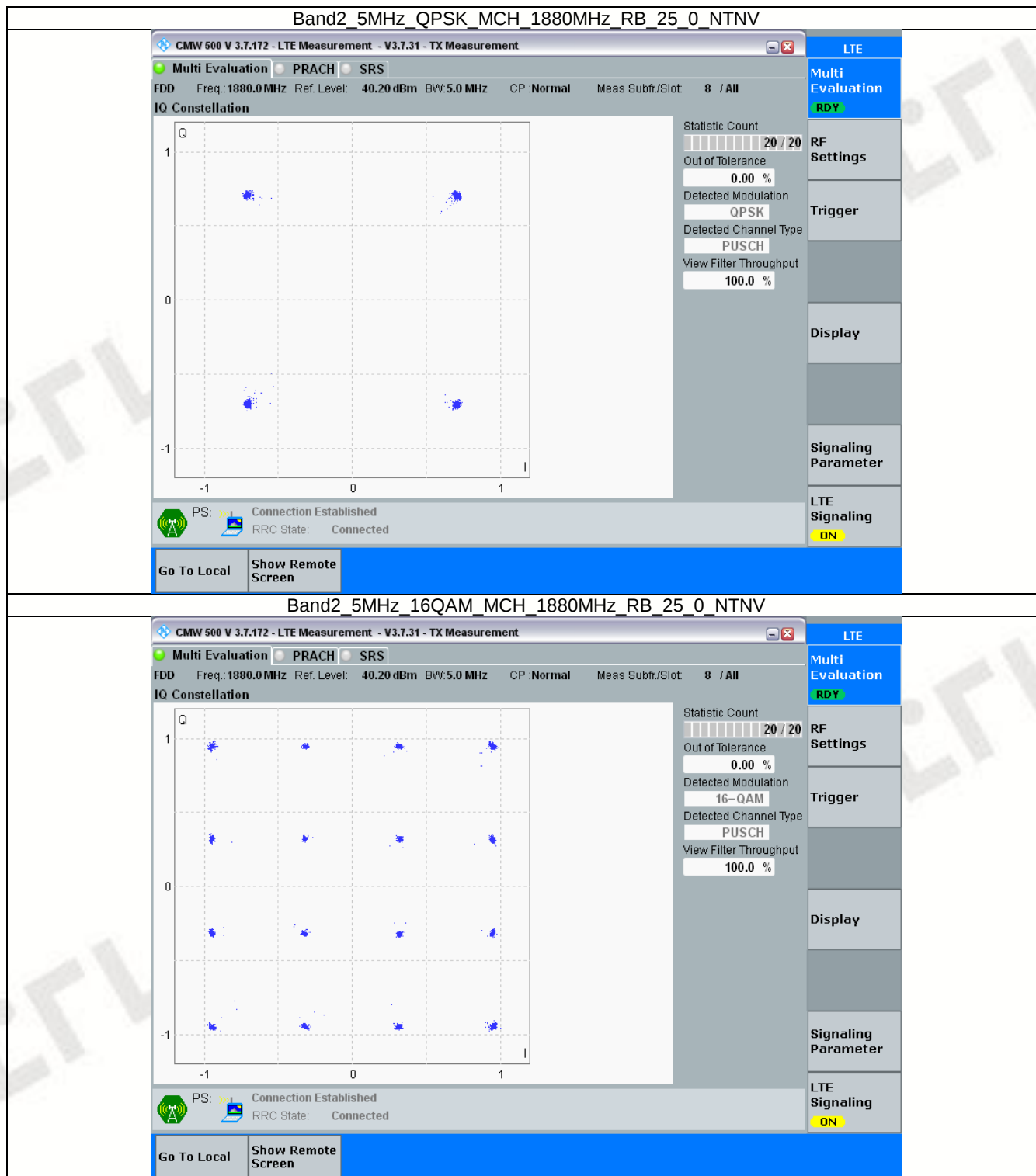
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3.2.2 B2_3MHz



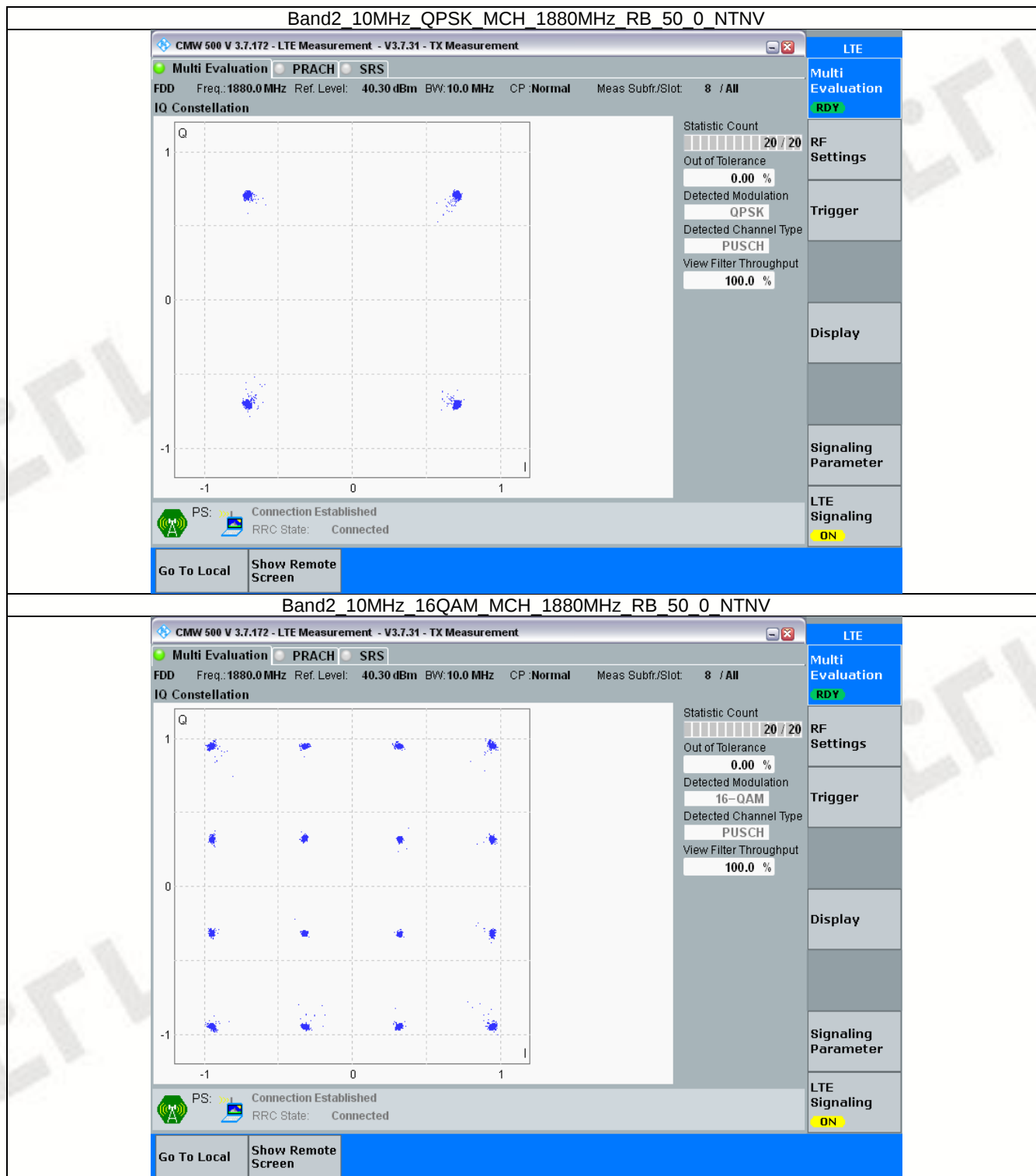
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3.2.3 B2_5MHz



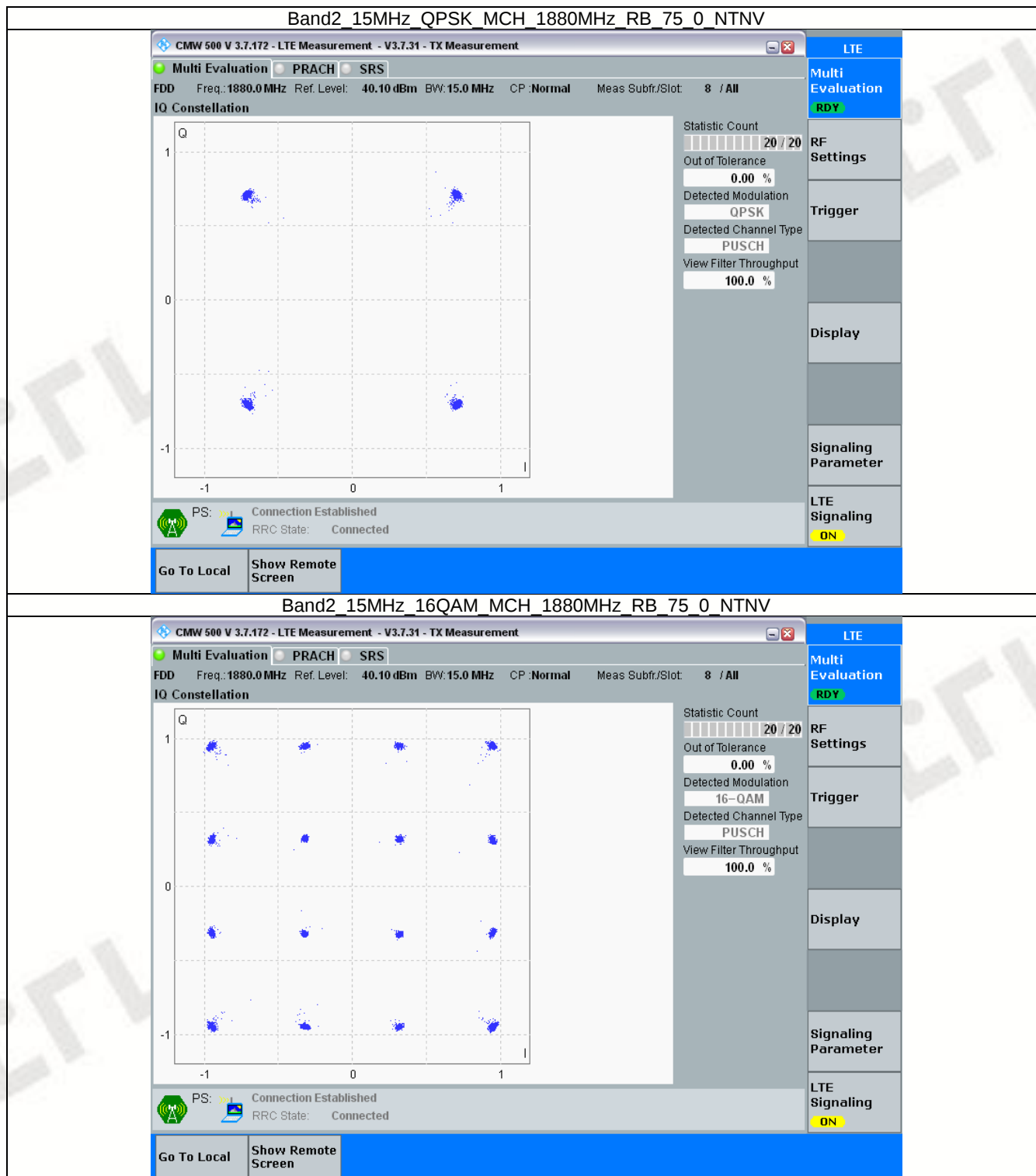
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3.2.4 B2_10MHz



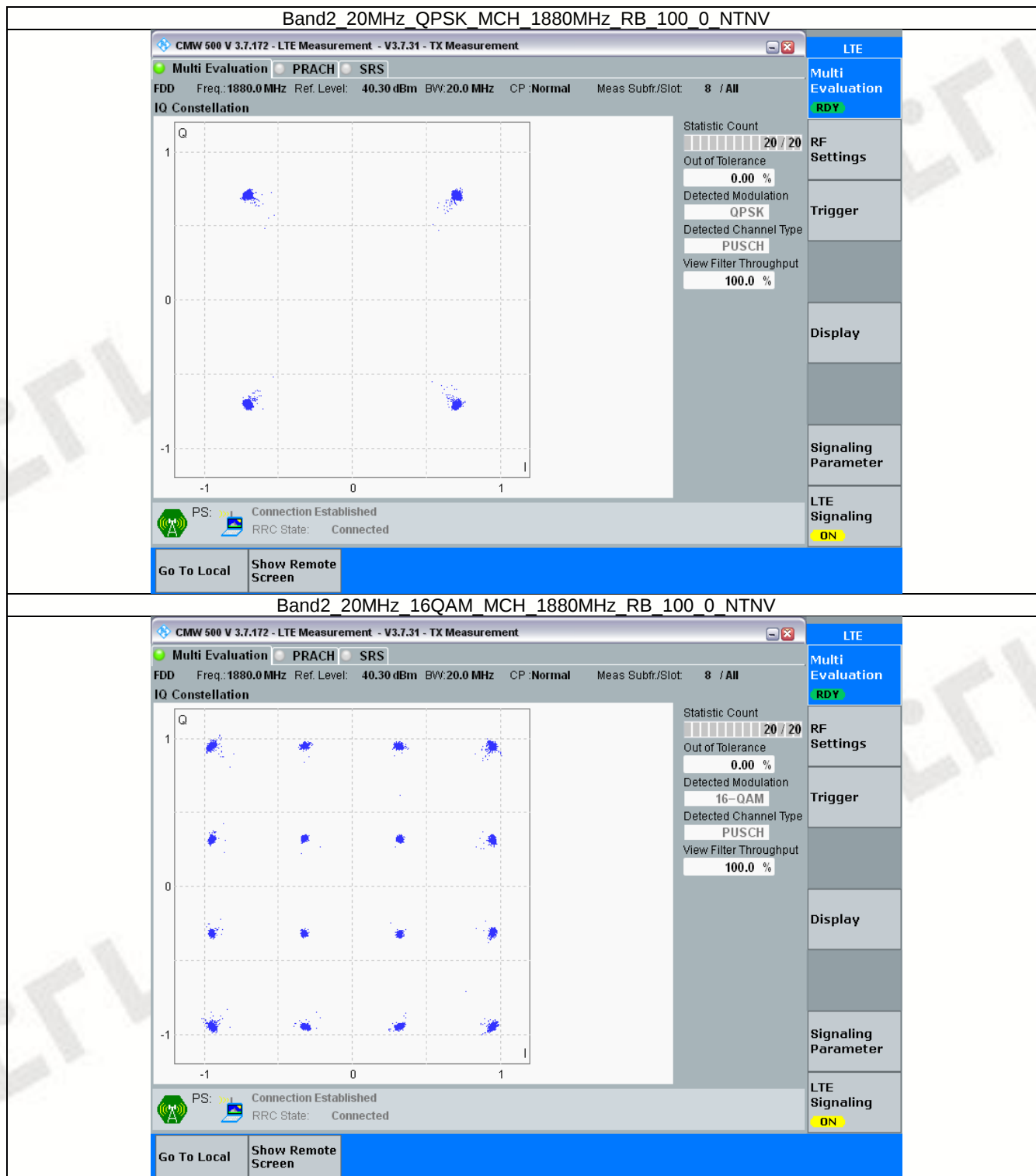
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3.2.5 B2_15MHz



FCCID: 2BCUE-P8GLOBAL

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	1.110	/	Pass
		1880	6	0	1.108	/	Pass
		1909.3	6	0	1.108	/	Pass
	16QAM	1850.7	6	0	1.117	/	Pass
		1880	6	0	1.117	/	Pass
		1909.3	6	0	1.110	/	Pass
3	QPSK	1851.5	15	0	2.741	/	Pass
		1880	15	0	2.737	/	Pass
		1908.5	15	0	2.734	/	Pass
	16QAM	1851.5	15	0	2.767	/	Pass
		1880	15	0	2.743	/	Pass
		1908.5	15	0	2.740	/	Pass
5	QPSK	1852.5	25	0	4.561	/	Pass
		1880	25	0	4.549	/	Pass
		1907.5	25	0	4.549	/	Pass
	16QAM	1852.5	25	0	4.542	/	Pass
		1880	25	0	4.573	/	Pass
		1907.5	25	0	4.545	/	Pass
10	QPSK	1855	50	0	9.025	/	Pass
		1880	50	0	9.045	/	Pass
		1905	50	0	9.009	/	Pass
	16QAM	1855	50	0	9.052	/	Pass
		1880	50	0	9.029	/	Pass
		1905	50	0	9.019	/	Pass
15	QPSK	1857.5	75	0	13.551	/	Pass
		1880	75	0	13.521	/	Pass
		1902.5	75	0	13.560	/	Pass
	16QAM	1857.5	75	0	13.530	/	Pass
		1880	75	0	13.556	/	Pass
		1902.5	75	0	13.583	/	Pass
20	QPSK	1860	100	0	18.044	/	Pass
		1880	100	0	18.012	/	Pass
		1900	100	0	18.084	/	Pass
	16QAM	1860	100	0	18.024	/	Pass
		1880	100	0	18.013	/	Pass
		1900	100	0	18.062	/	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	1.326	/	Pass

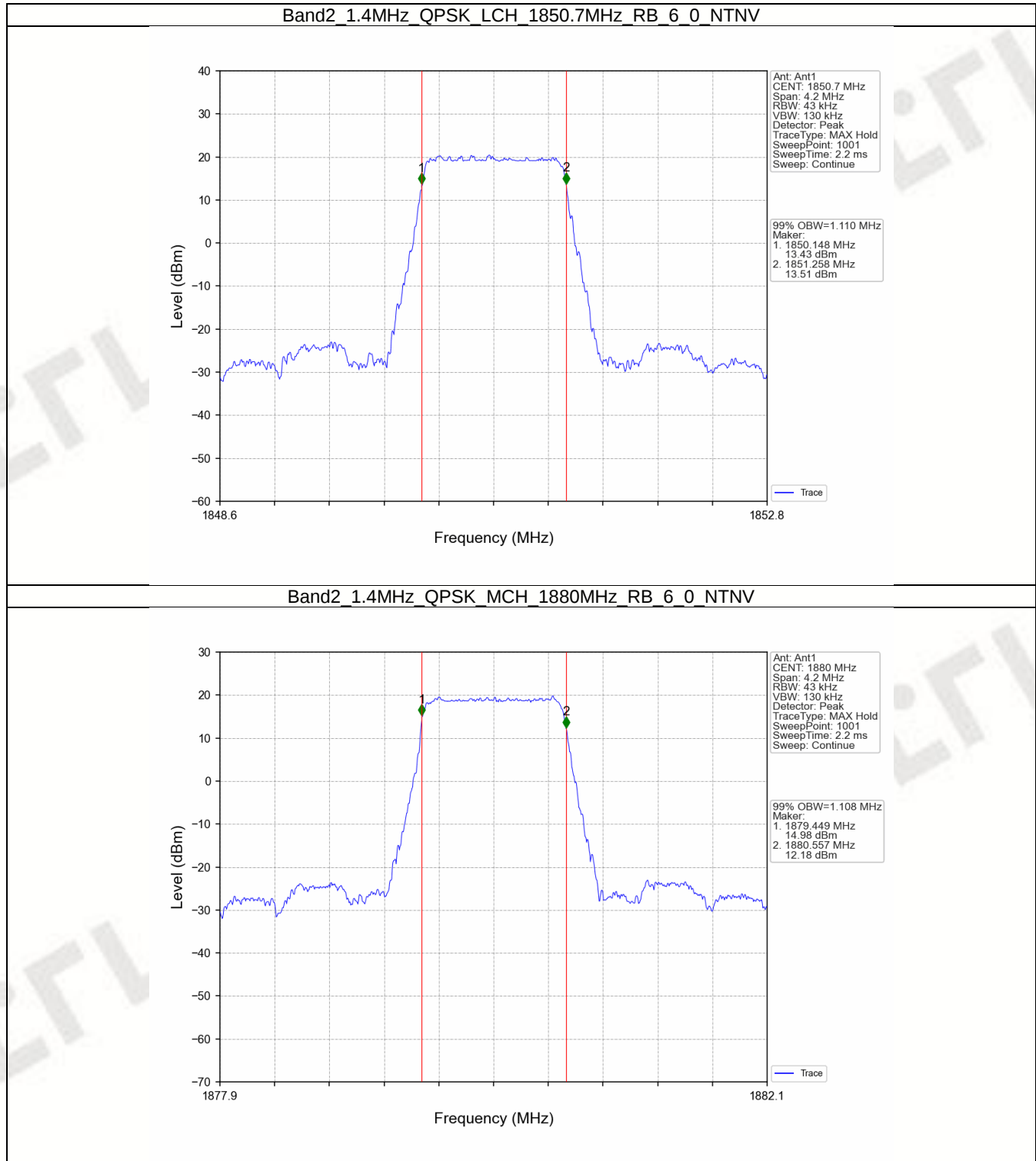
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	16QAM	1880	6	0	1.313	/	Pass
		1909.3	6	0	1.314	/	Pass
		1850.7	6	0	1.311	/	Pass
		1880	6	0	1.329	/	Pass
		1909.3	6	0	1.326	/	Pass
3	QPSK	1851.5	15	0	3.062	/	Pass
		1880	15	0	3.058	/	Pass
		1908.5	15	0	3.043	/	Pass
	16QAM	1851.5	15	0	3.042	/	Pass
		1880	15	0	3.062	/	Pass
		1908.5	15	0	3.044	/	Pass
5	QPSK	1852.5	25	0	5.092	/	Pass
		1880	25	0	5.086	/	Pass
		1907.5	25	0	5.079	/	Pass
	16QAM	1852.5	25	0	5.057	/	Pass
		1880	25	0	5.098	/	Pass
		1907.5	25	0	5.077	/	Pass
10	QPSK	1855	50	0	10.080	/	Pass
		1880	50	0	10.023	/	Pass
		1905	50	0	10.060	/	Pass
	16QAM	1855	50	0	10.010	/	Pass
		1880	50	0	10.000	/	Pass
		1905	50	0	9.990	/	Pass
15	QPSK	1857.5	75	0	14.830	/	Pass
		1880	75	0	14.959	/	Pass
		1902.5	75	0	14.932	/	Pass
	16QAM	1857.5	75	0	14.948	/	Pass
		1880	75	0	14.934	/	Pass
		1902.5	75	0	14.982	/	Pass
20	QPSK	1860	100	0	19.686	/	Pass
		1880	100	0	19.771	/	Pass
		1900	100	0	19.846	/	Pass
	16QAM	1860	100	0	19.807	/	Pass
		1880	100	0	19.644	/	Pass
		1900	100	0	19.795	/	Pass

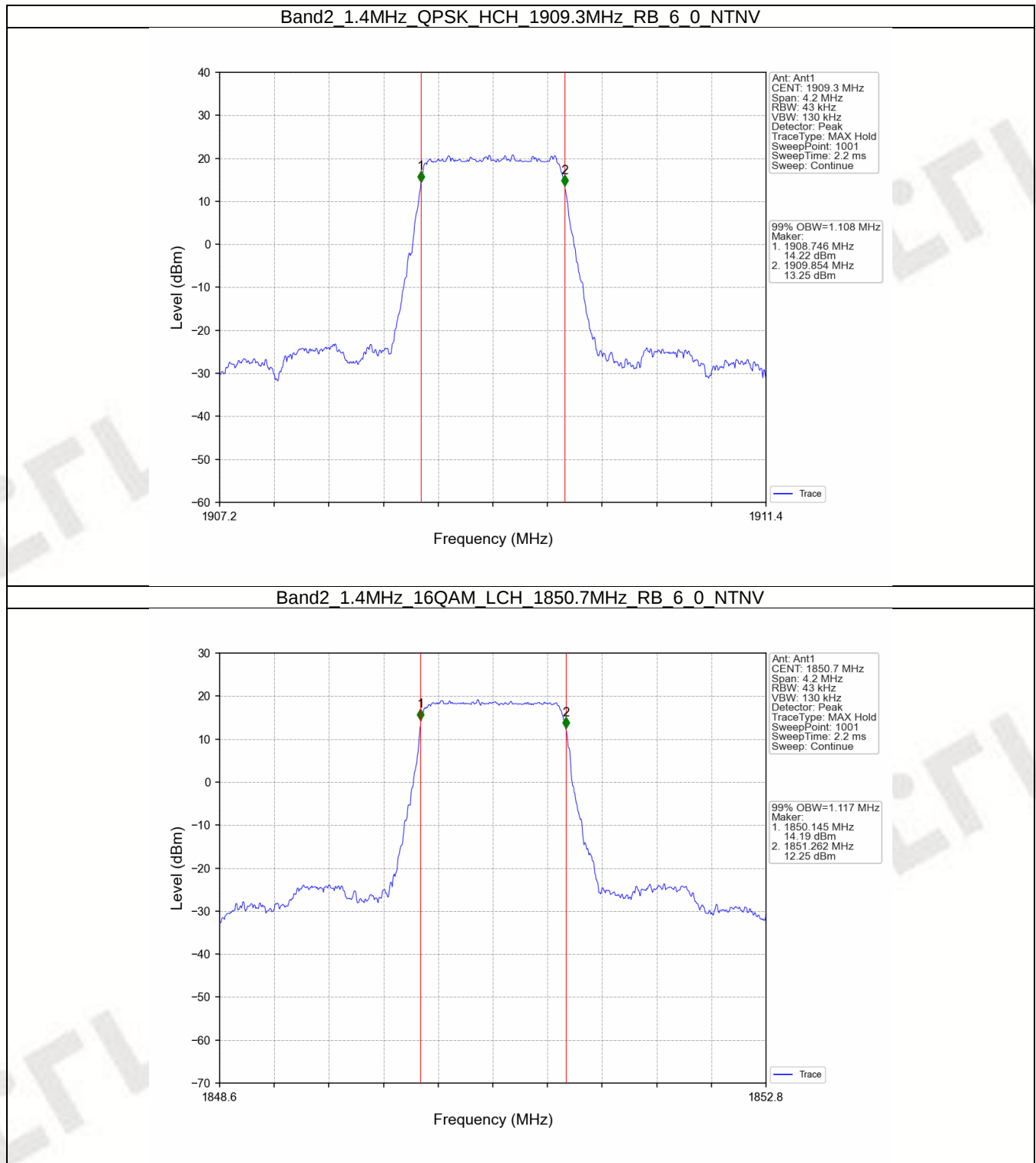
FCCID: 2BCUE-P8GLOBAL

4.2 Test Graph

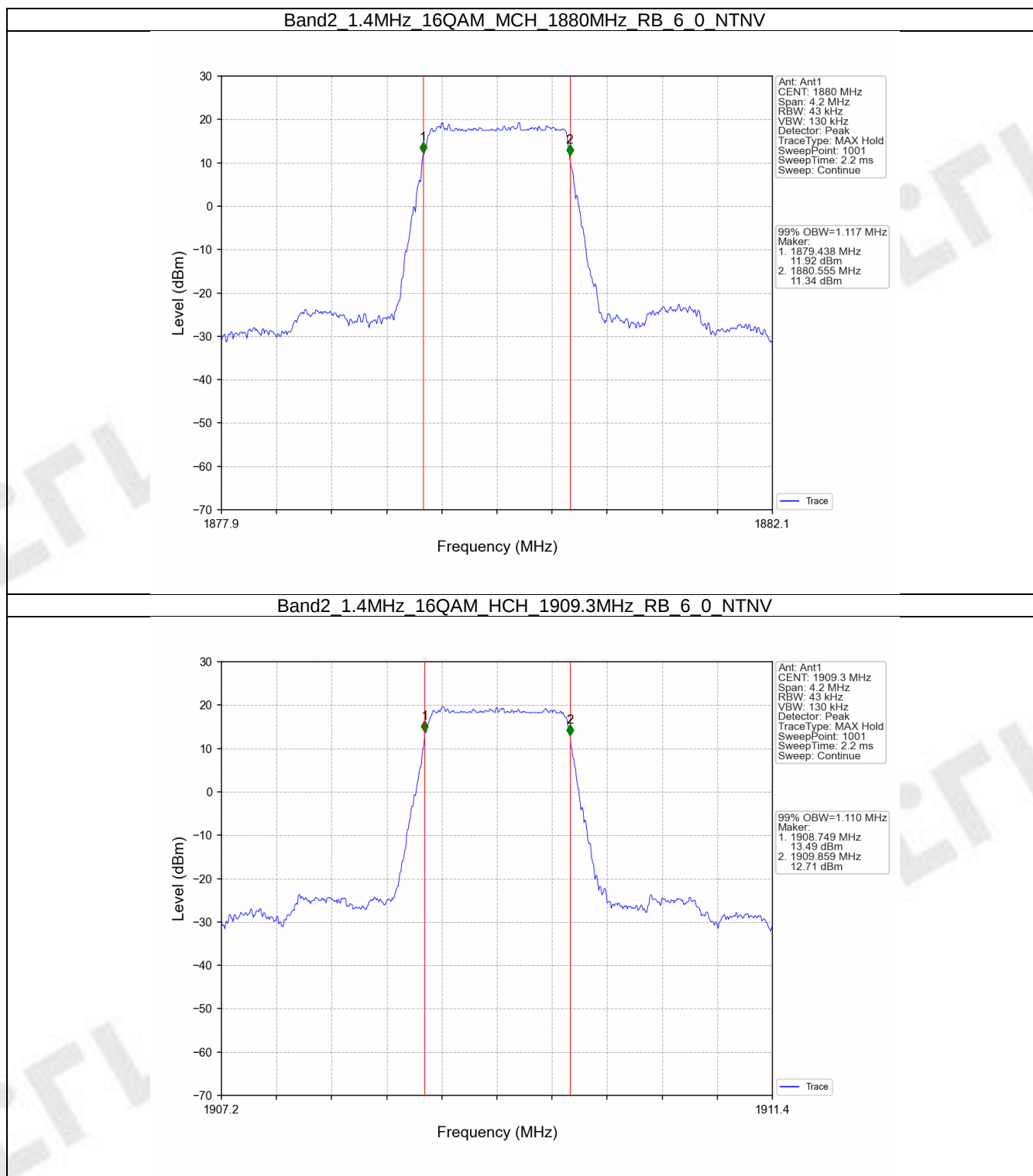
4.2.1 Band2_OBW



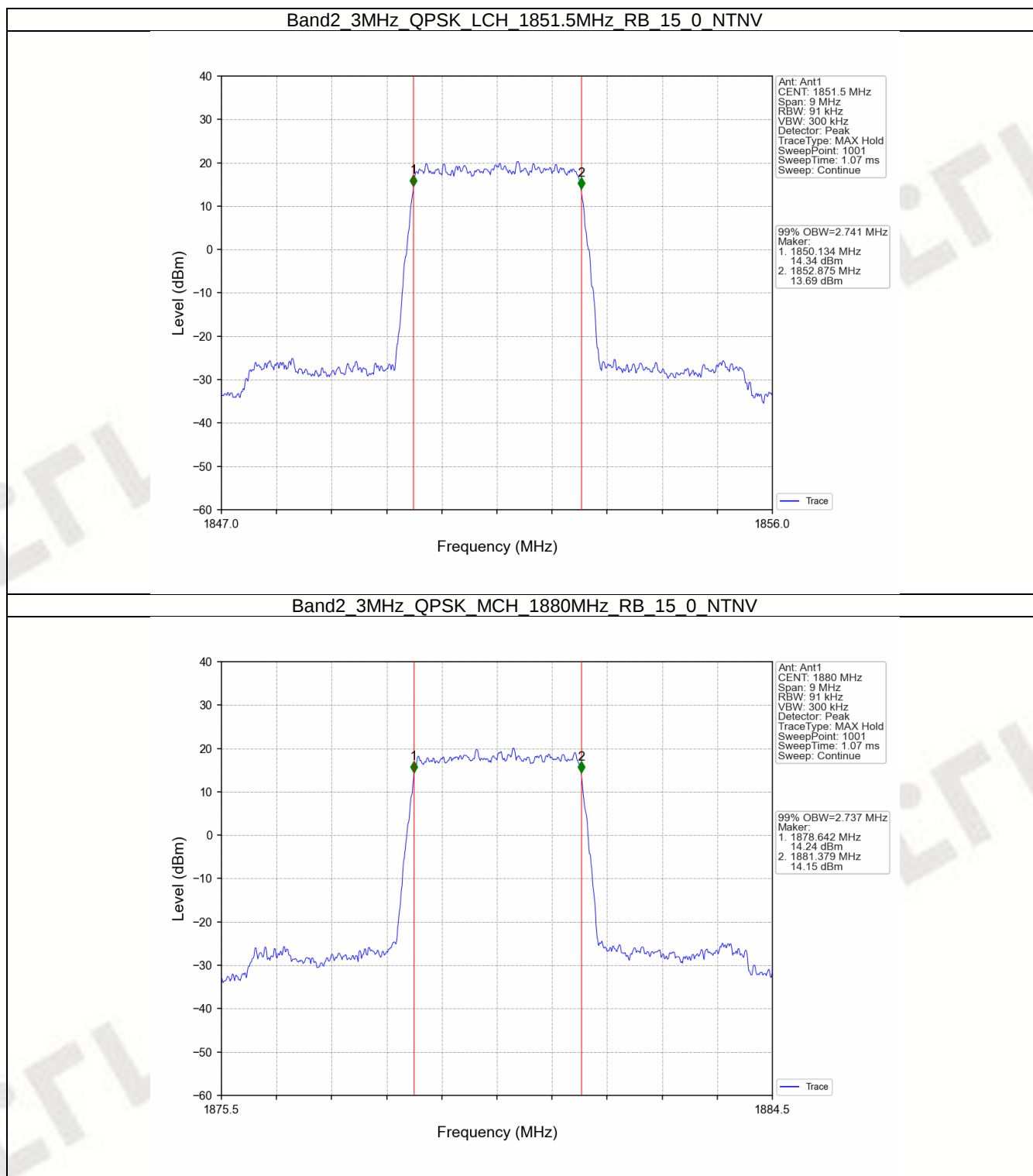
FCCID: 2BCUE-P8GLOBAL



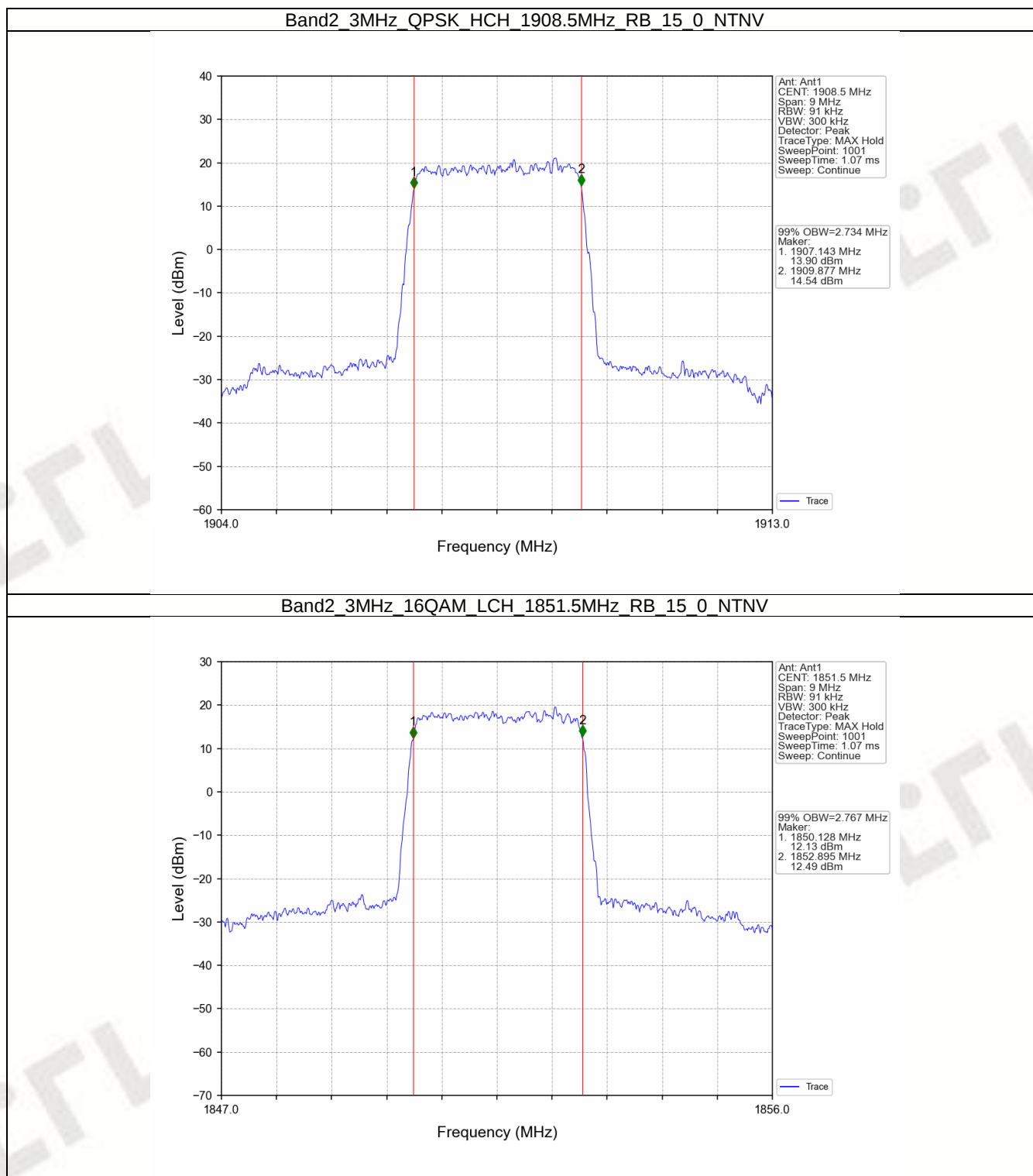
FCCID: 2BCUE-P8GLOBAL



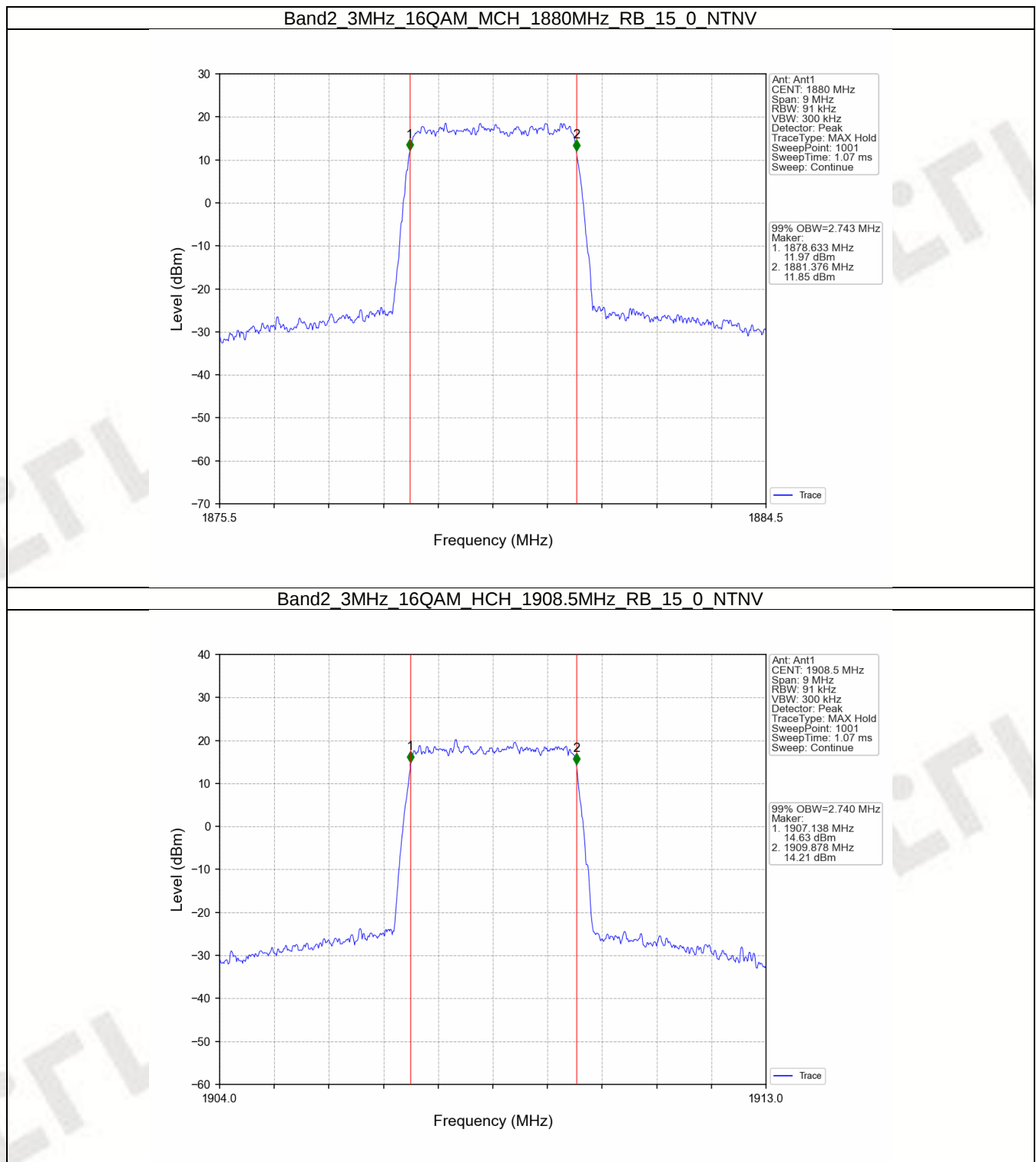
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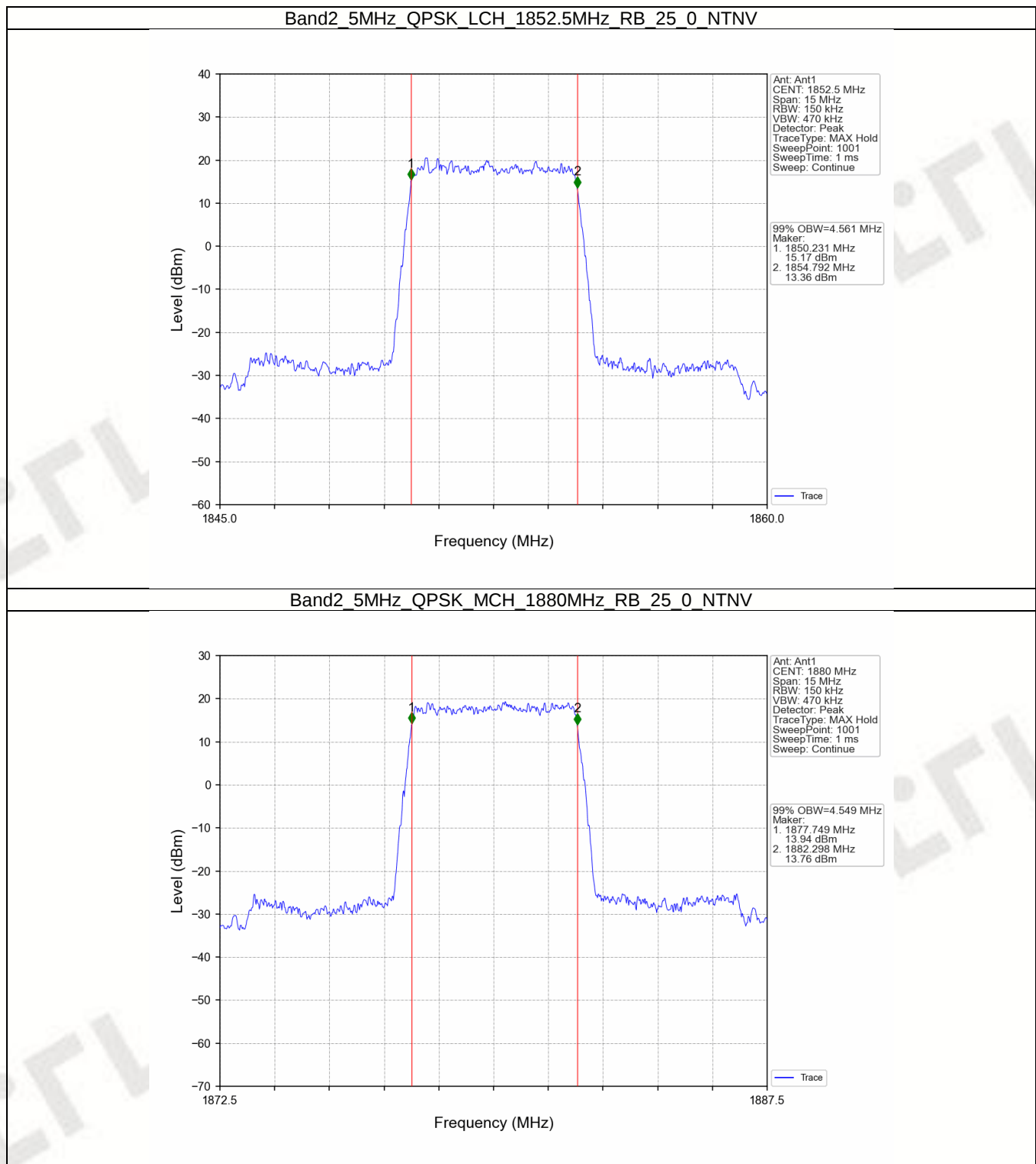
FCCID: 2BCUE-P8GLOBAL



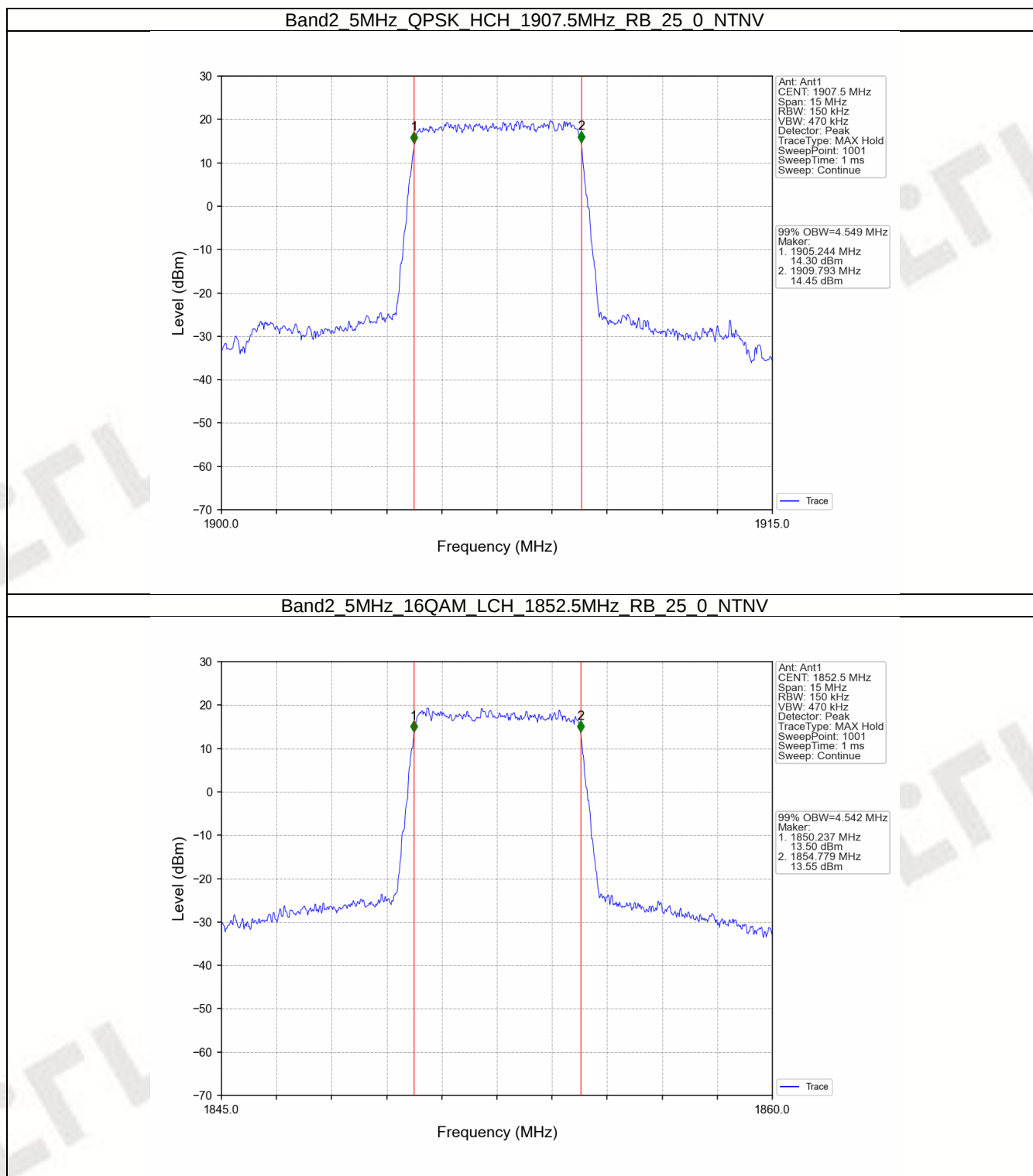
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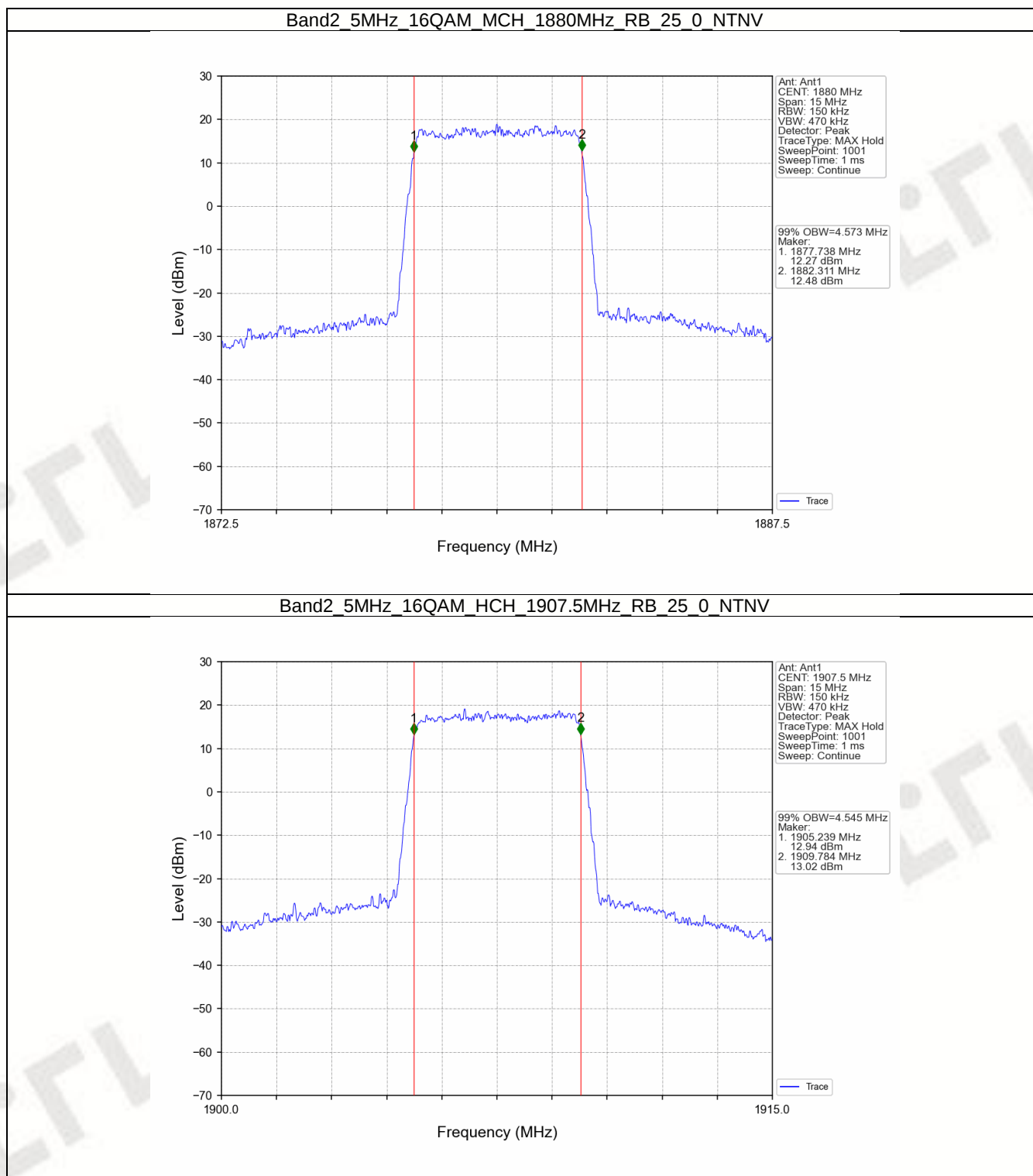
FCCID: 2BCUE-P8GLOBAL



FCCID: 2BCUE-P8GLOBAL

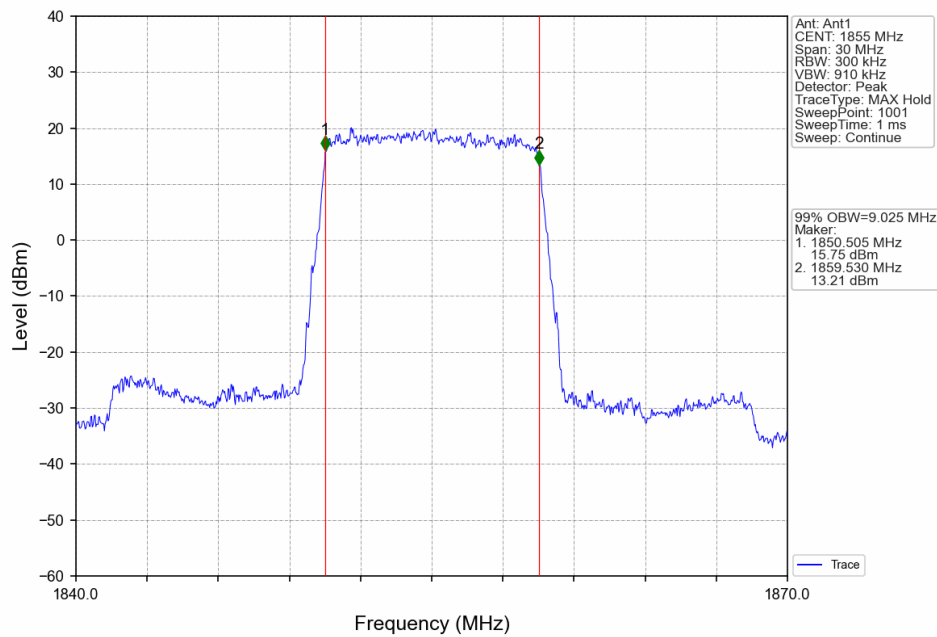


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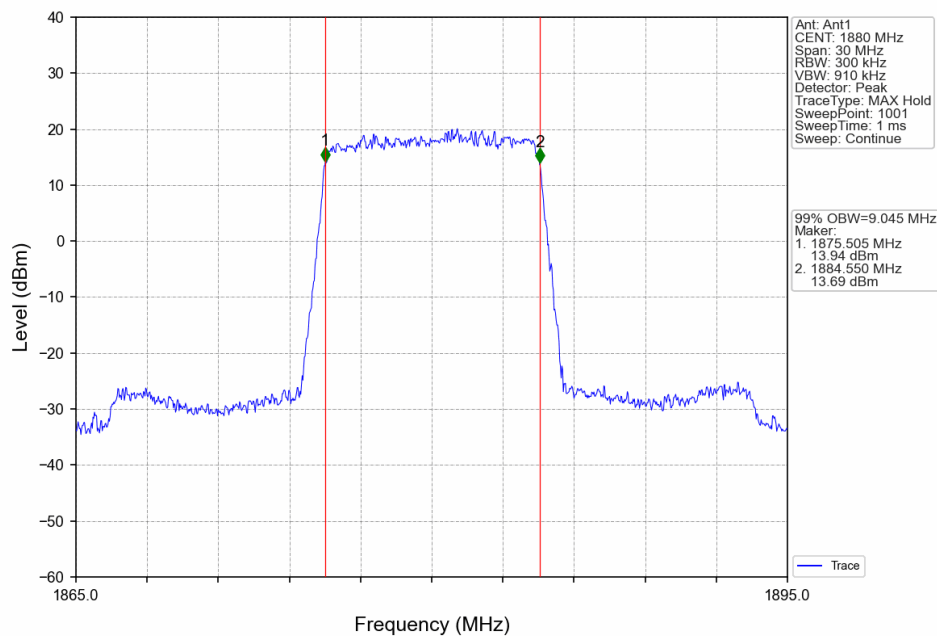


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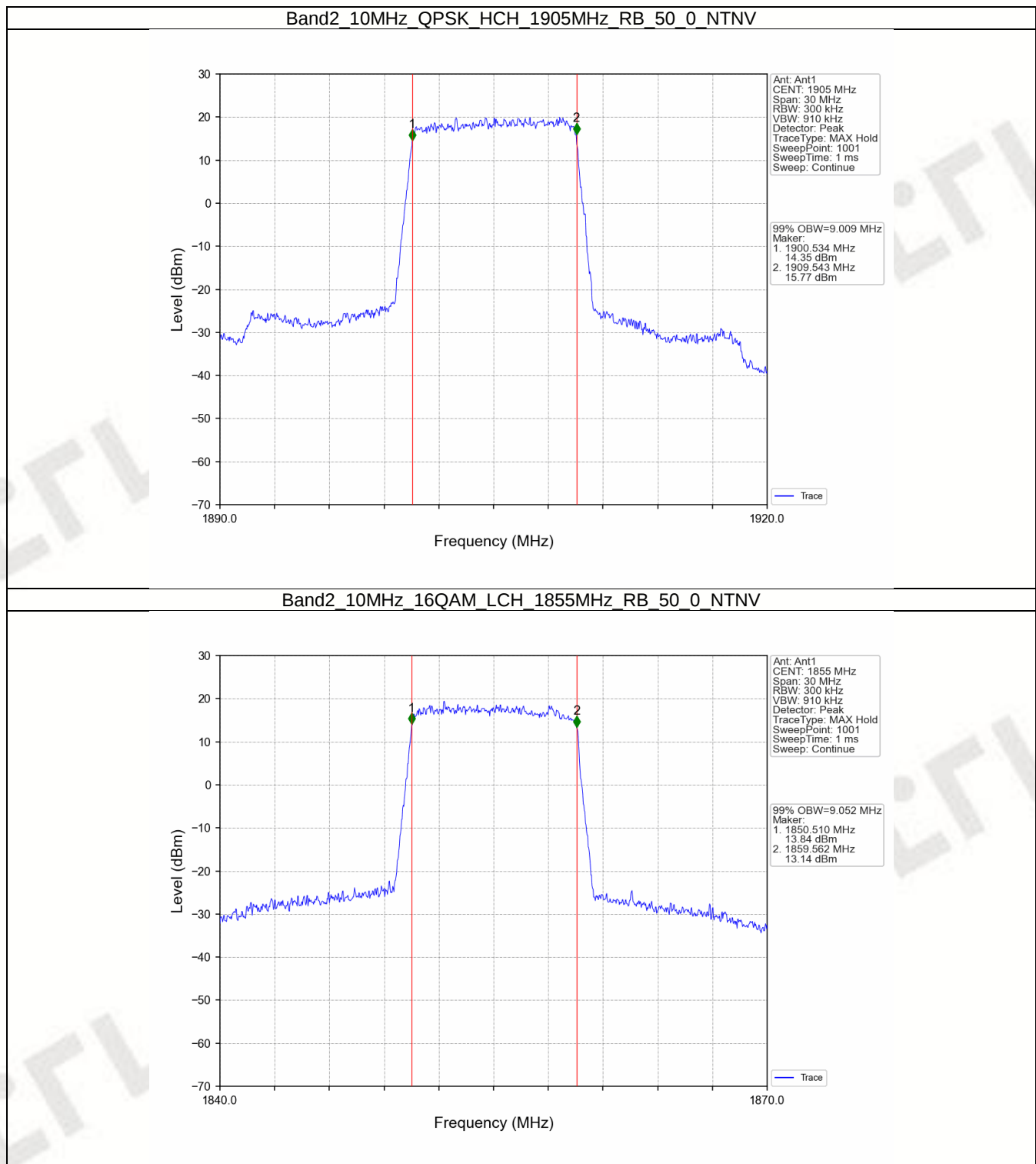
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



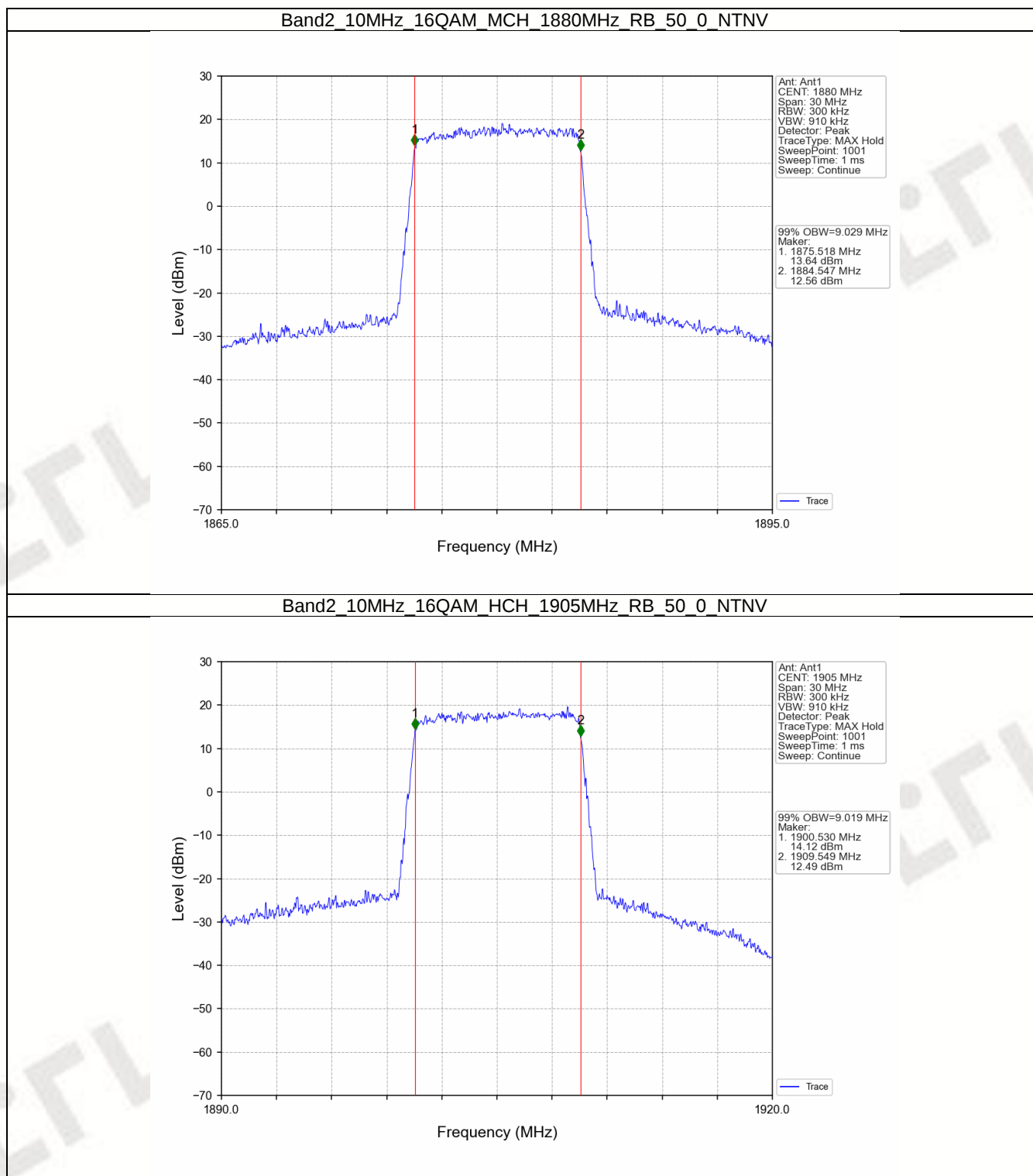
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



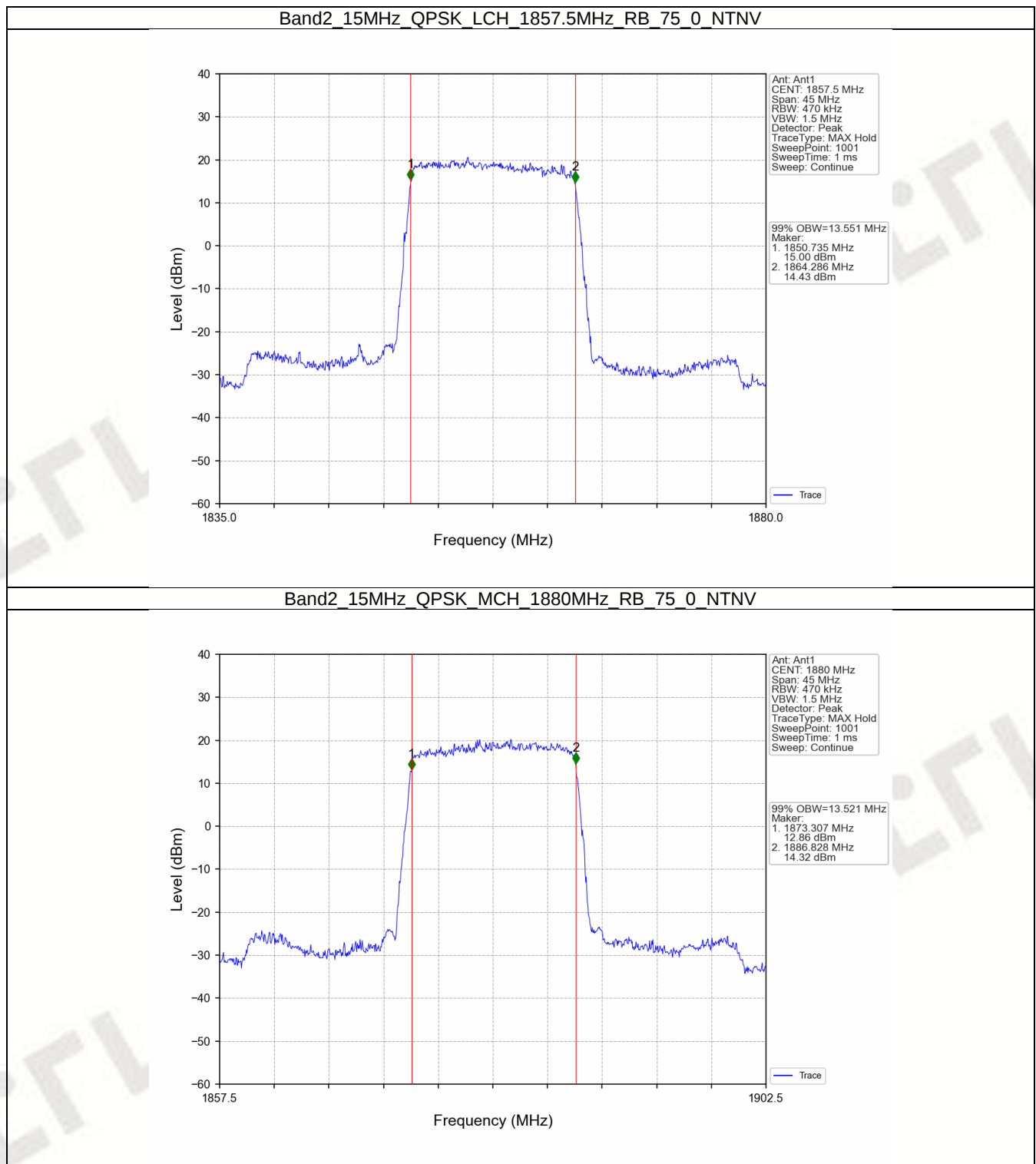
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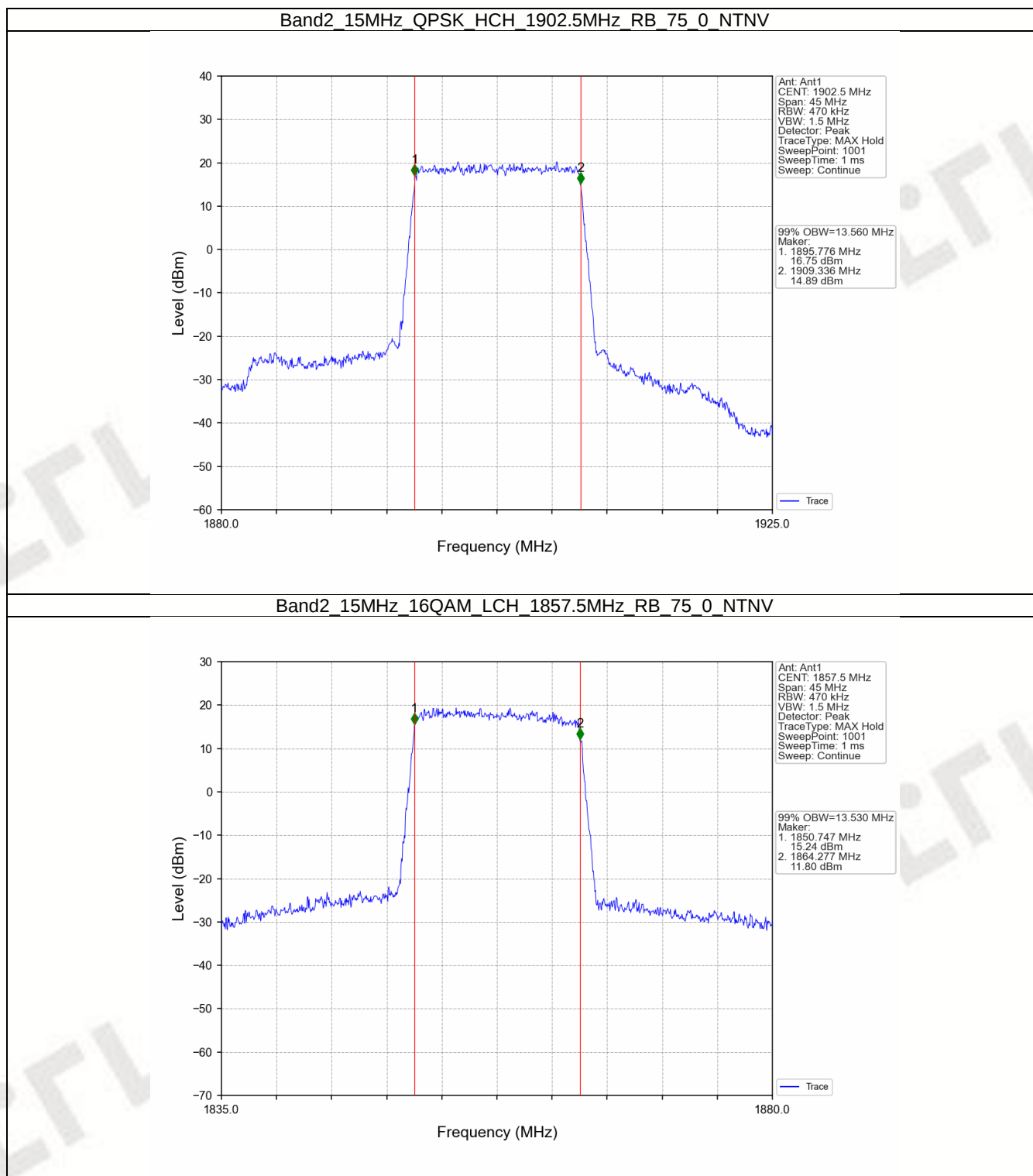
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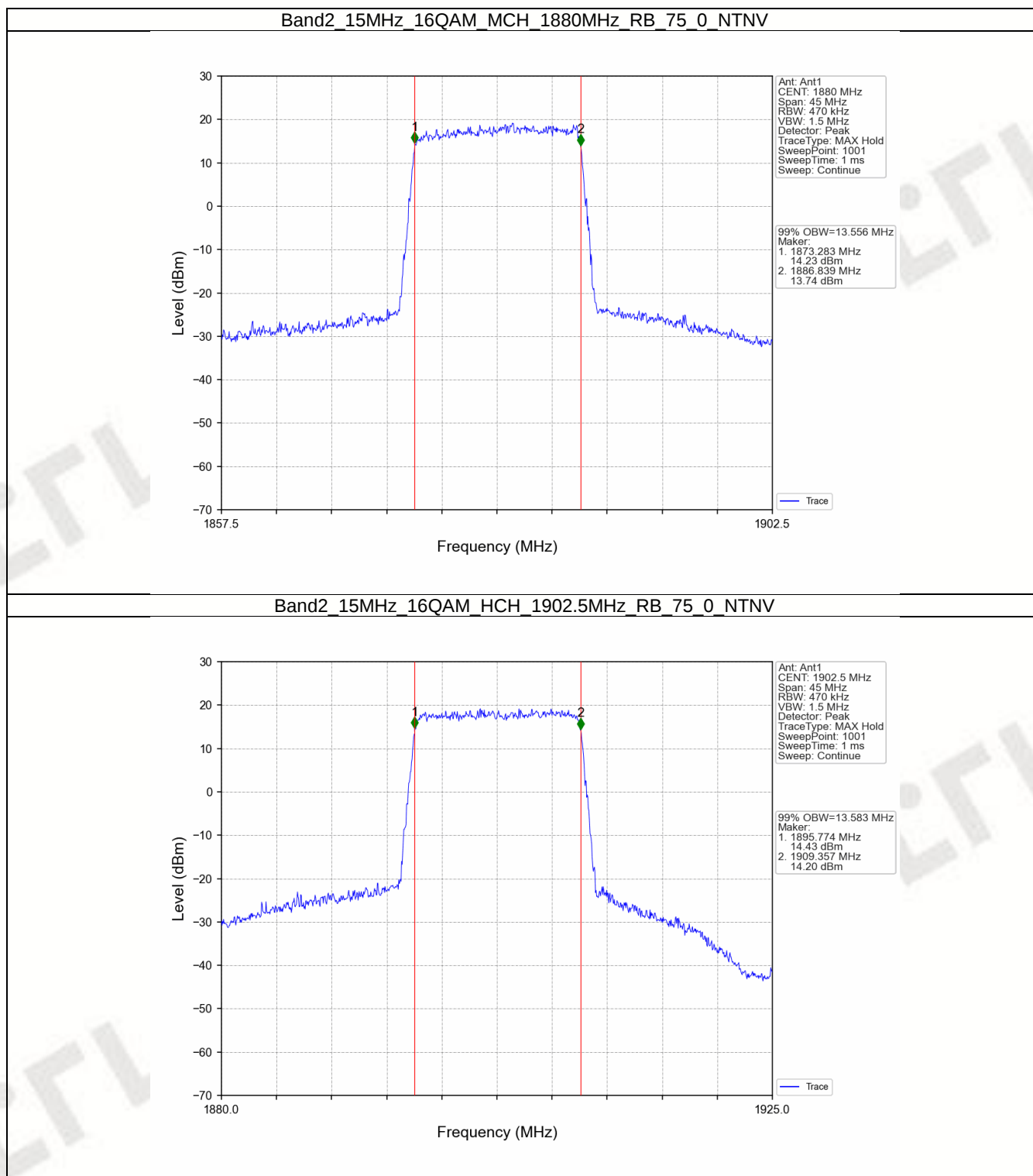


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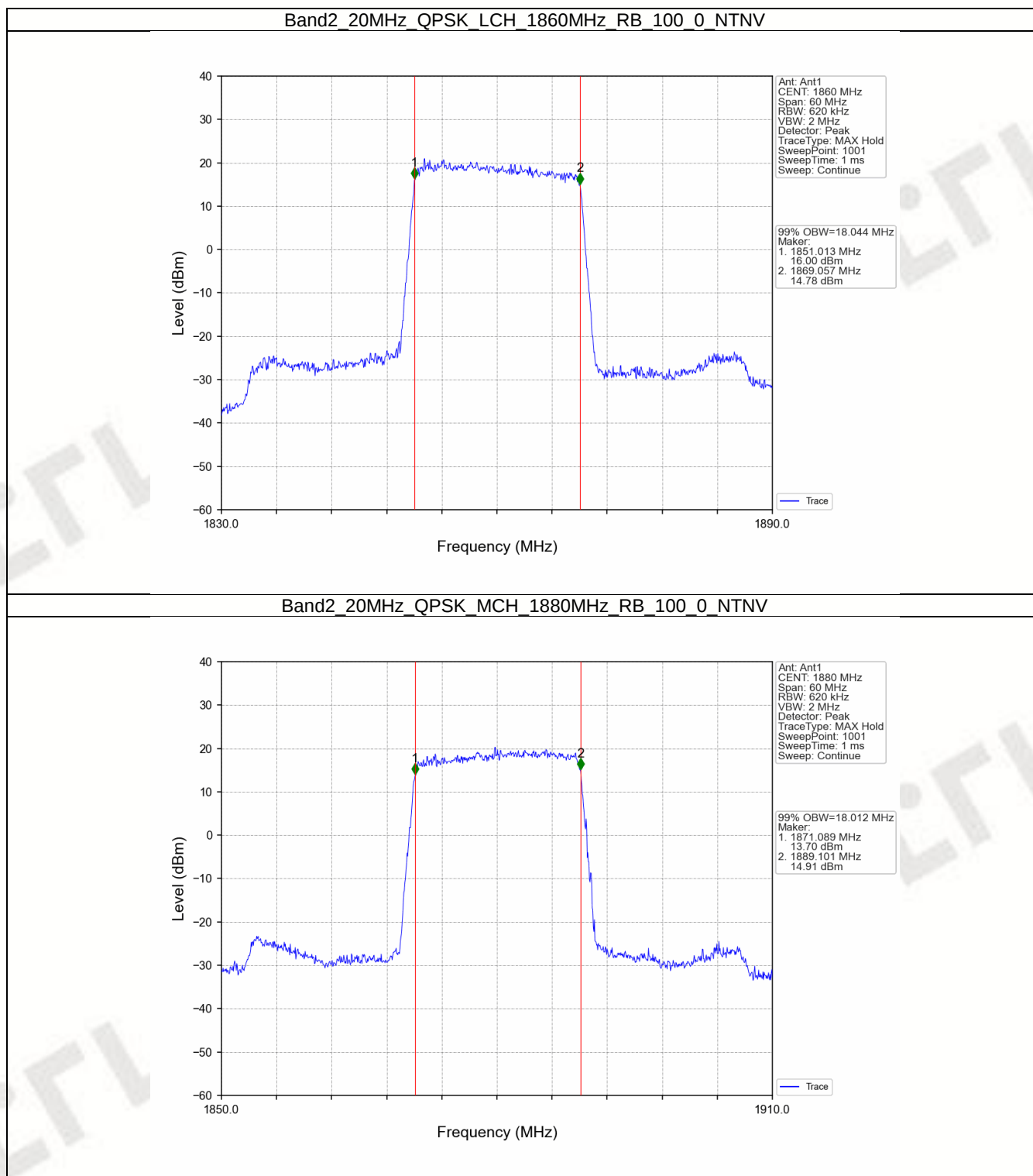


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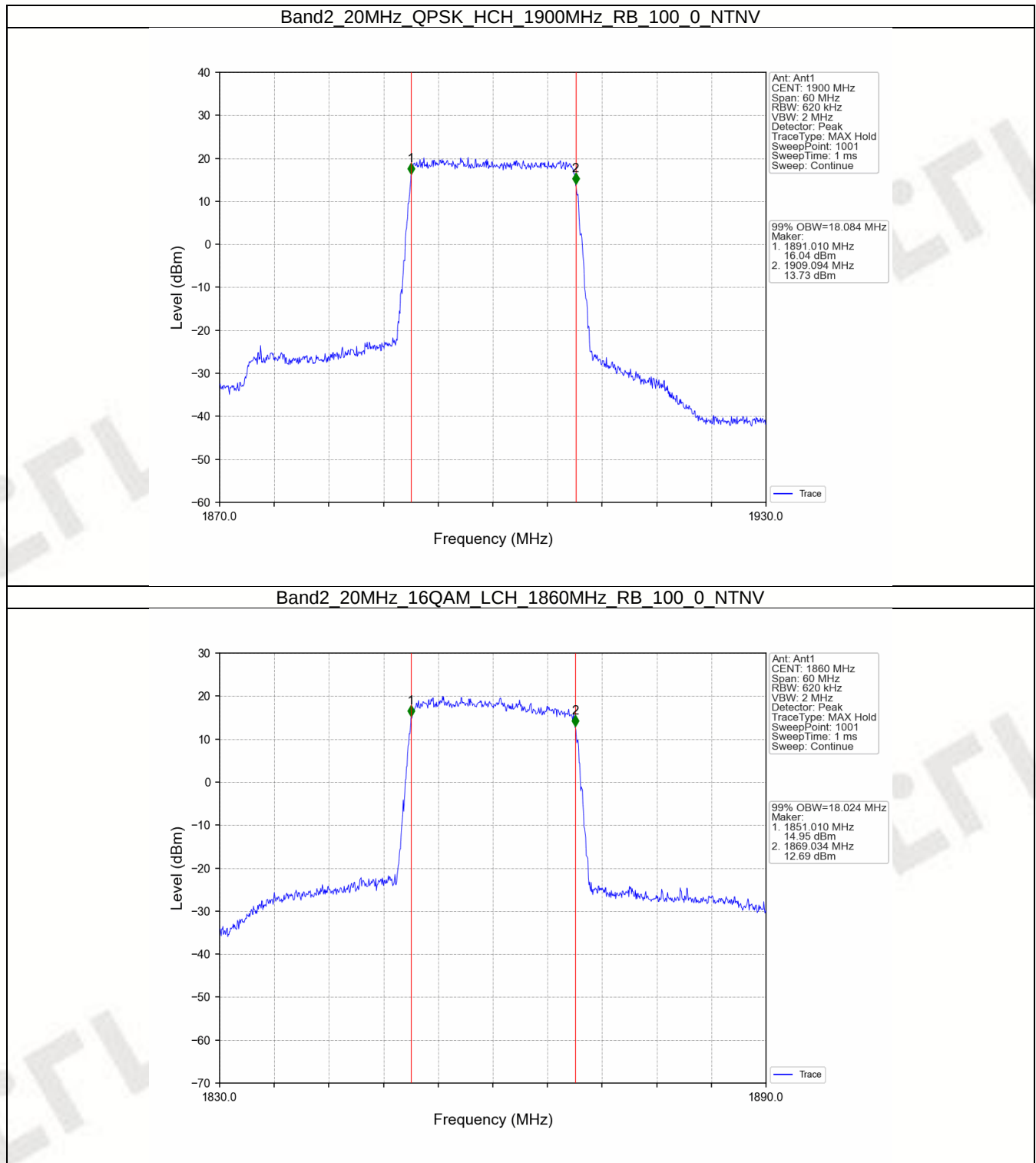




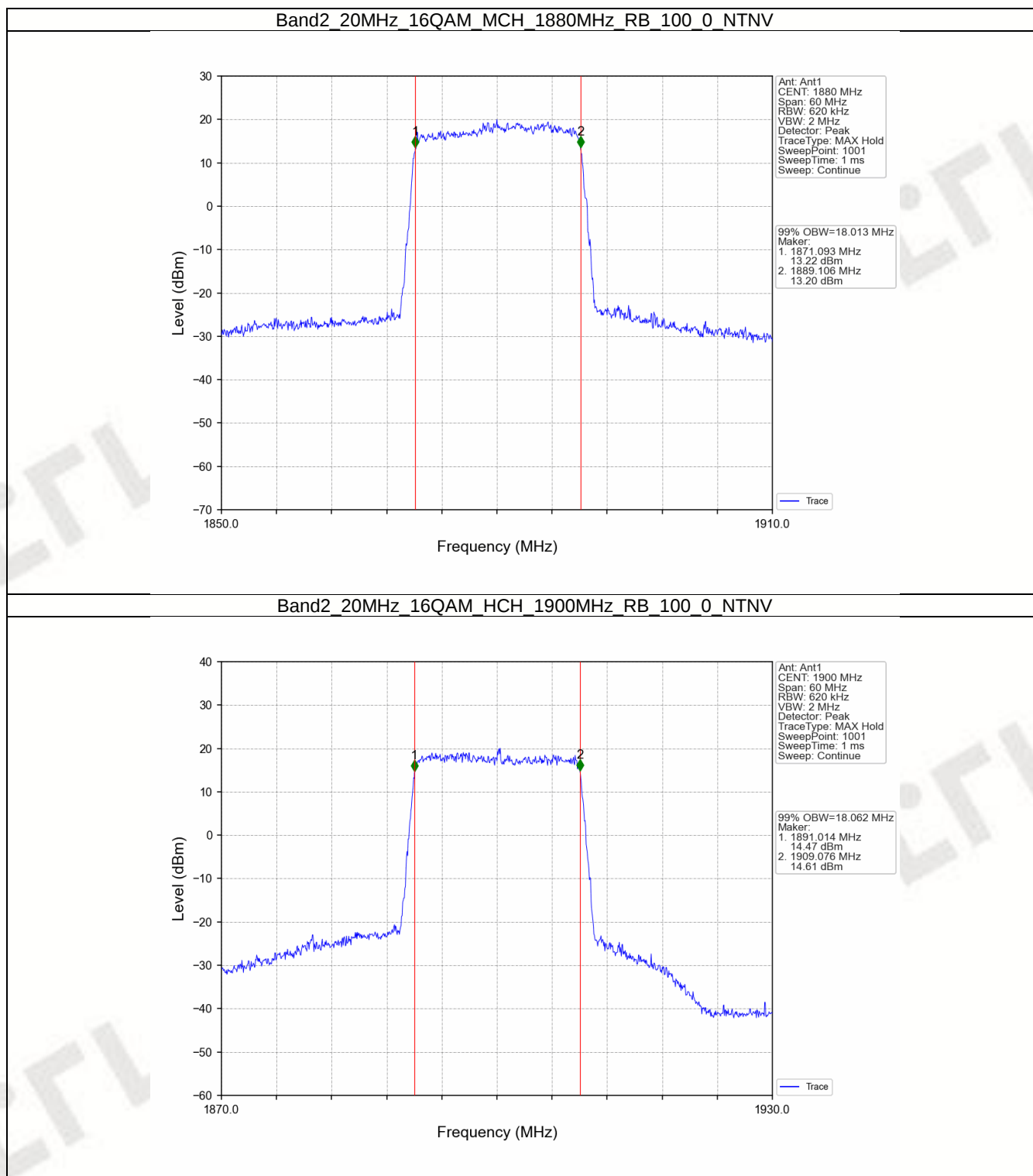
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FCCID: 2BCUE-P8GLOBAL

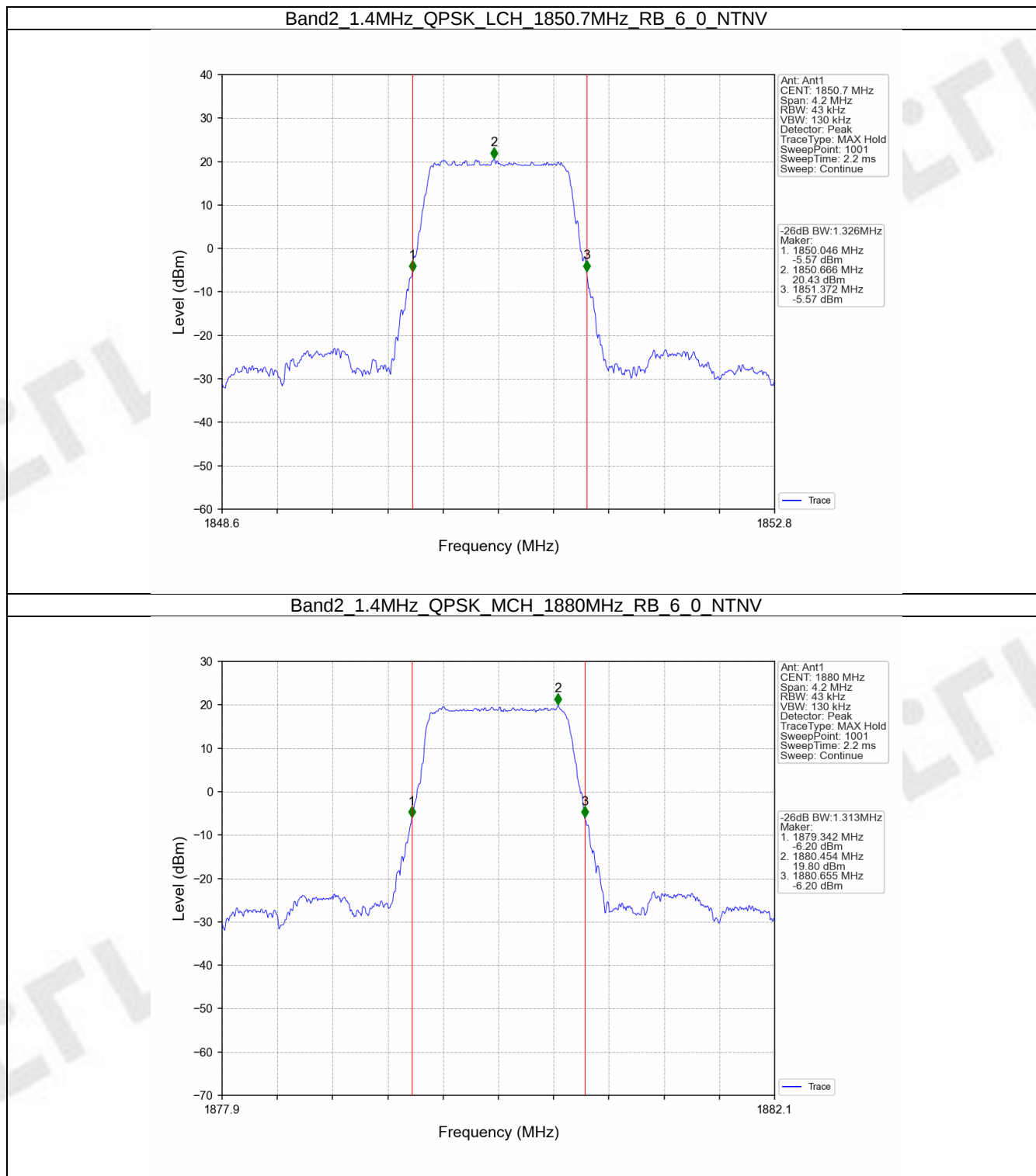


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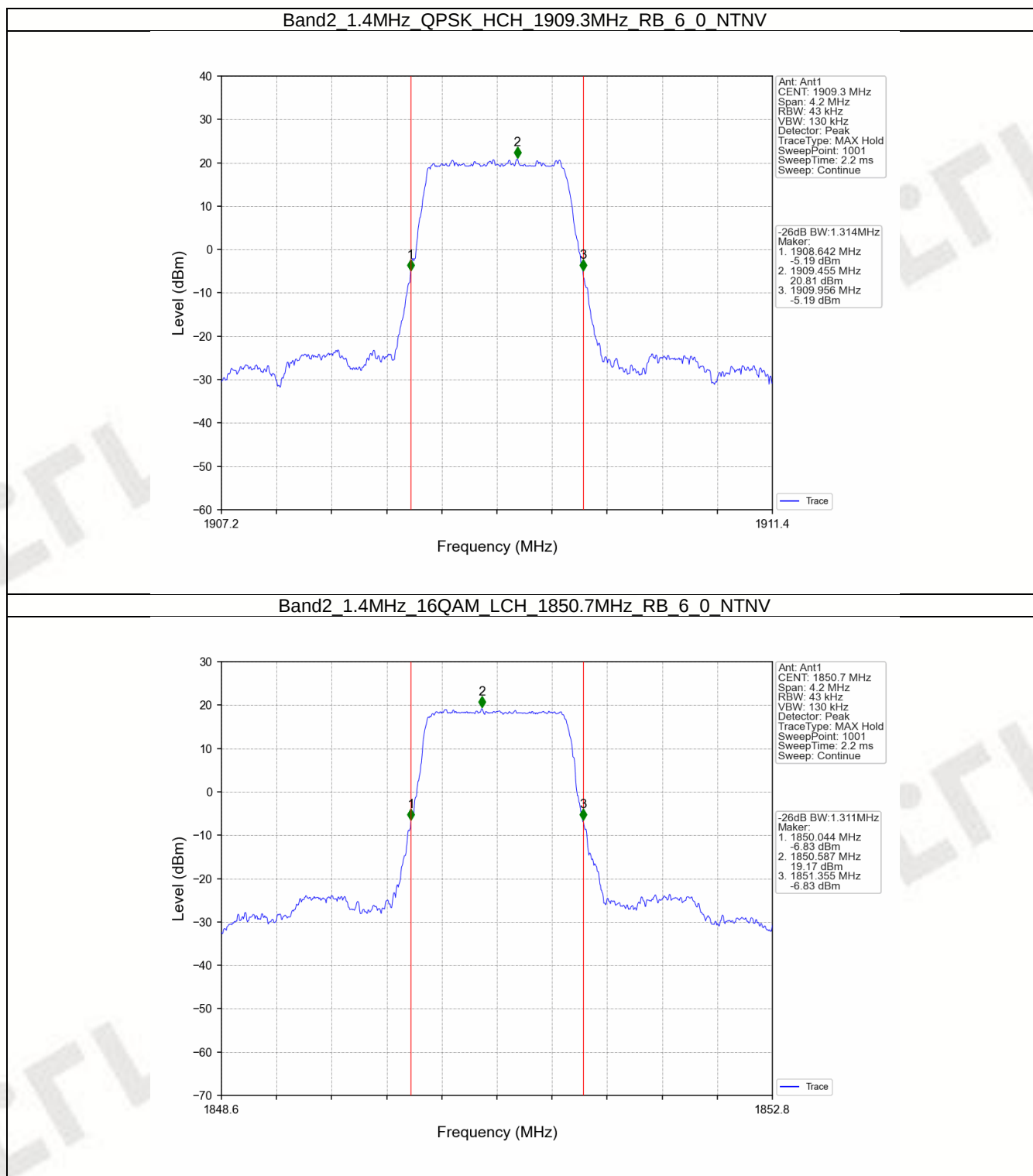


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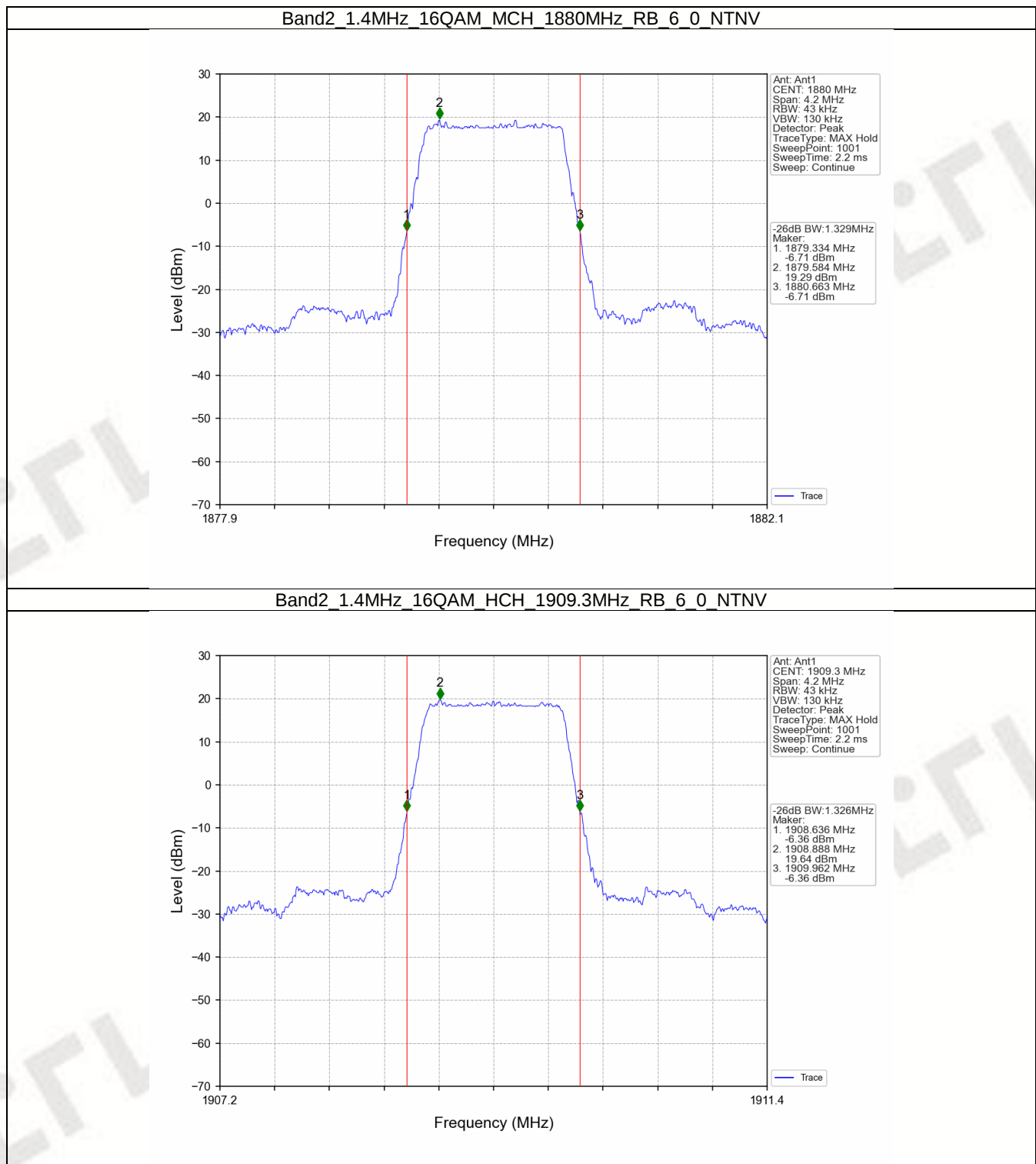
4.2.2 Band2_XDB



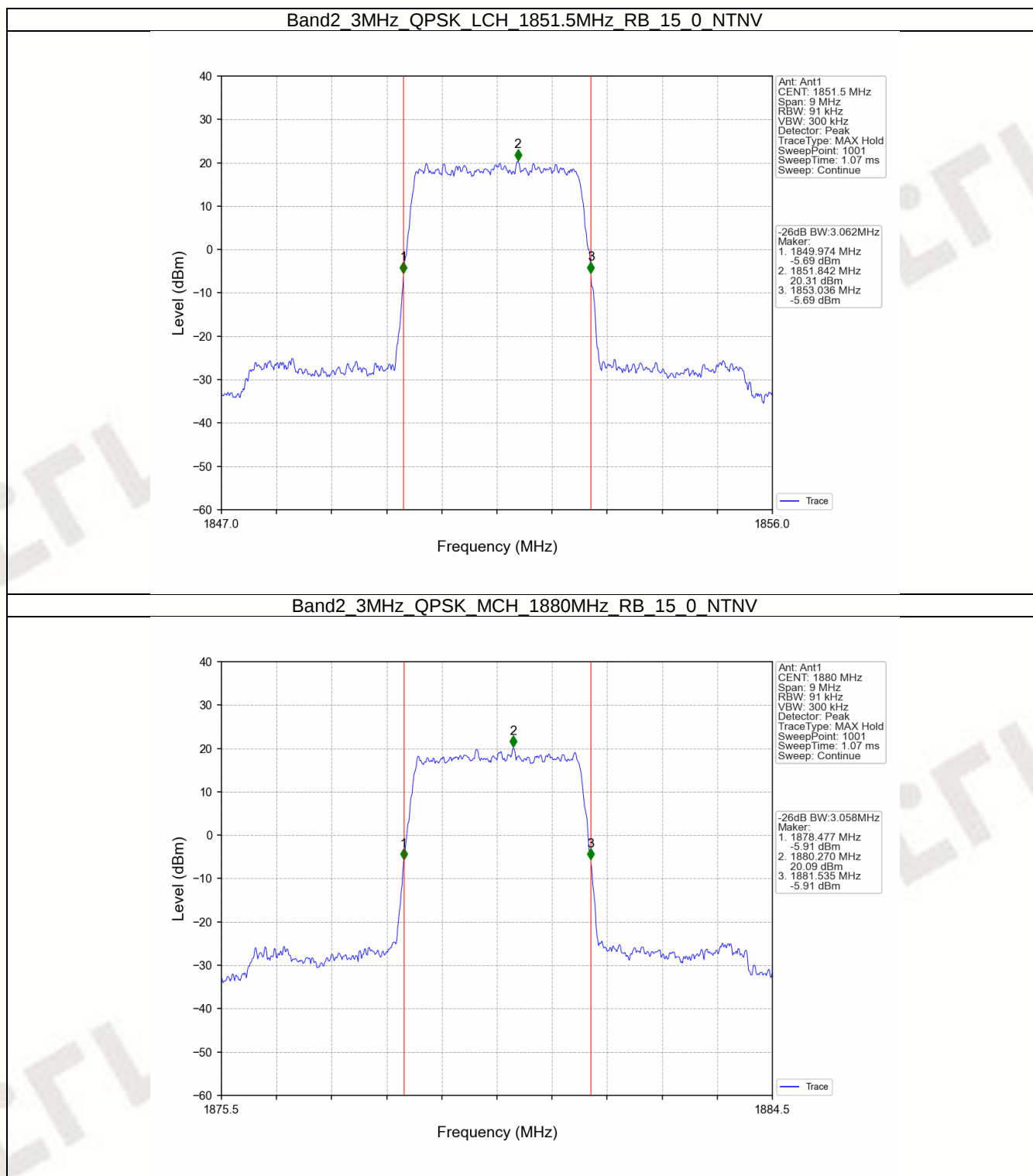
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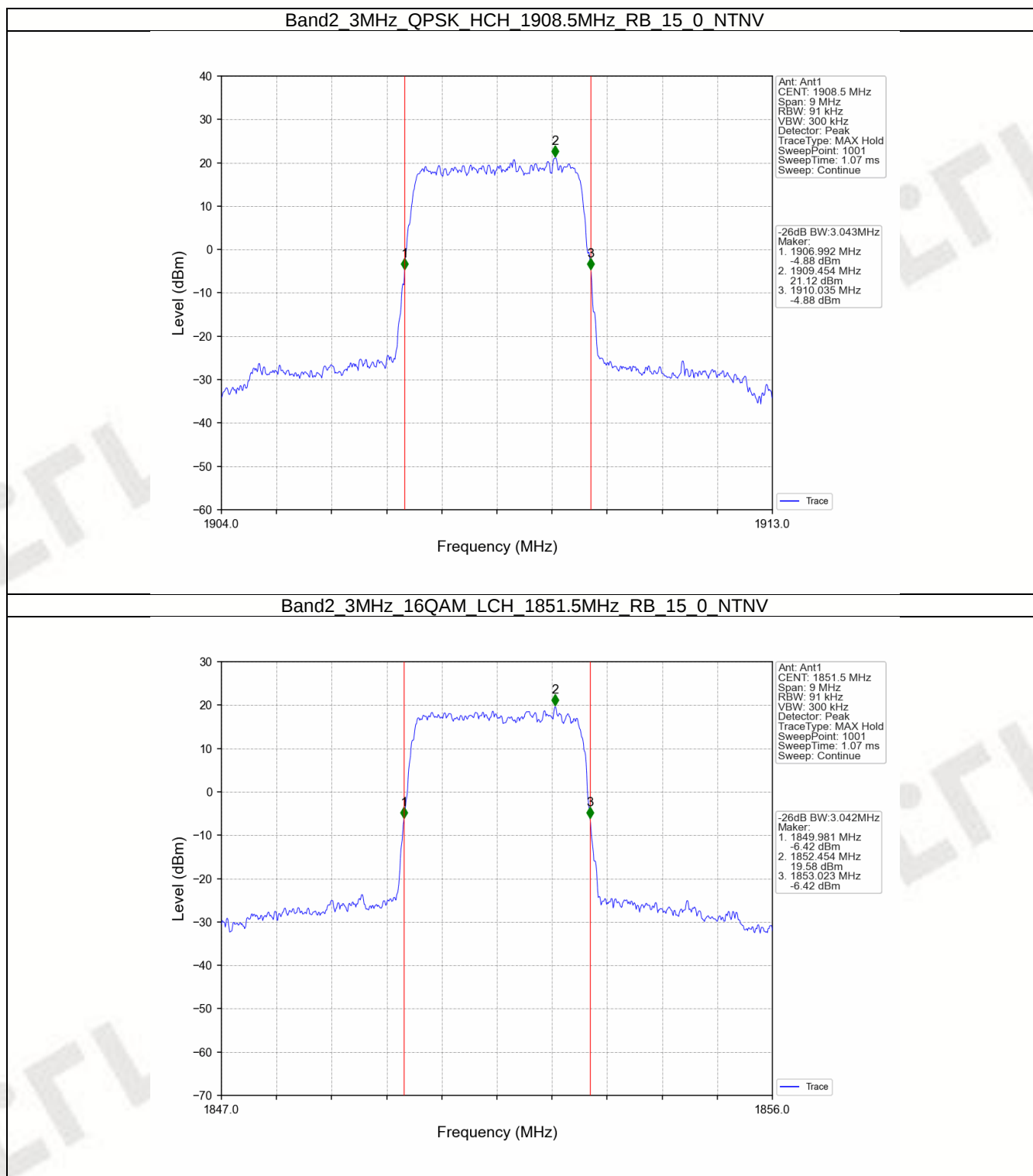
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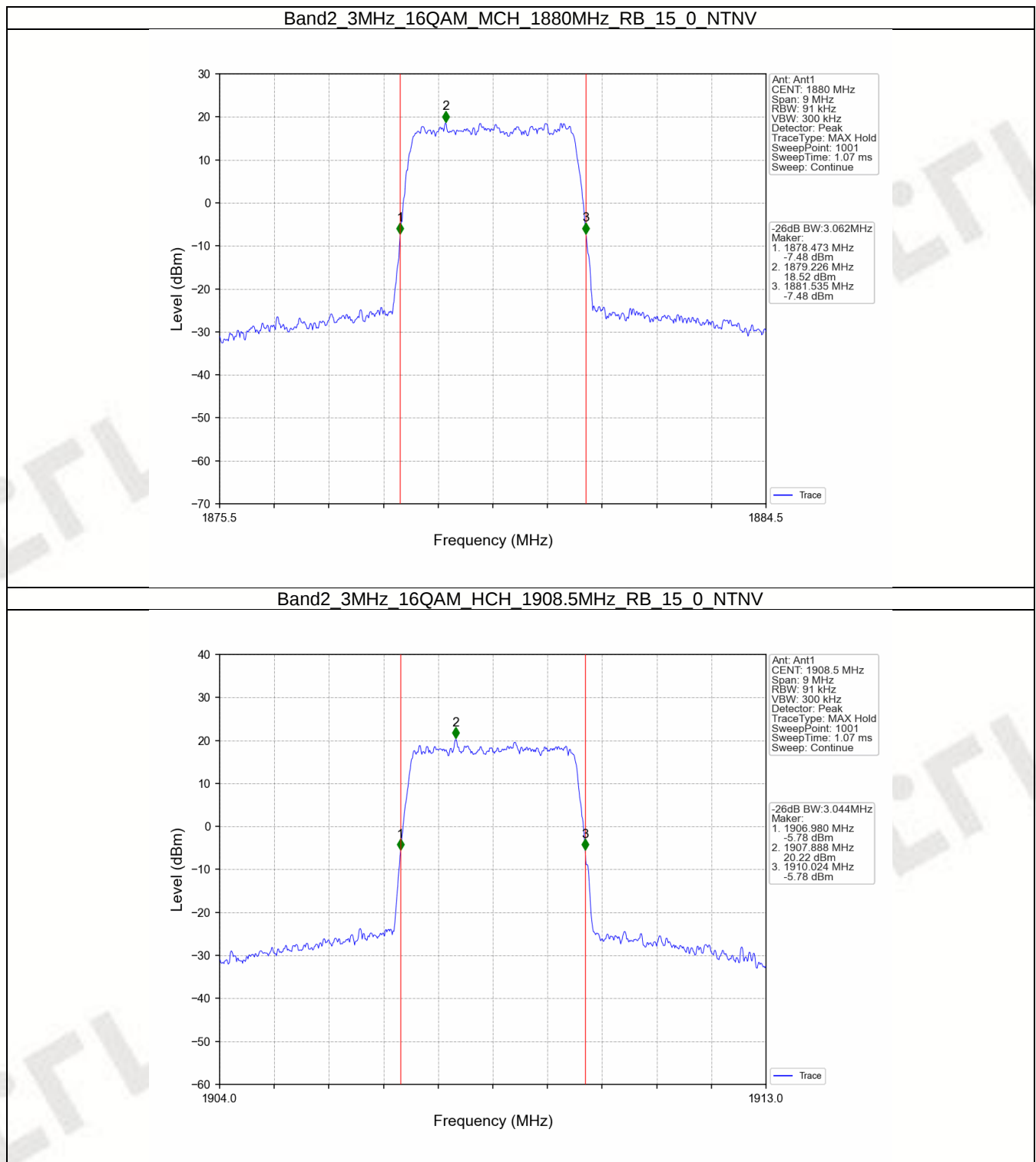
FCCID: 2BCUE-P8GLOBAL



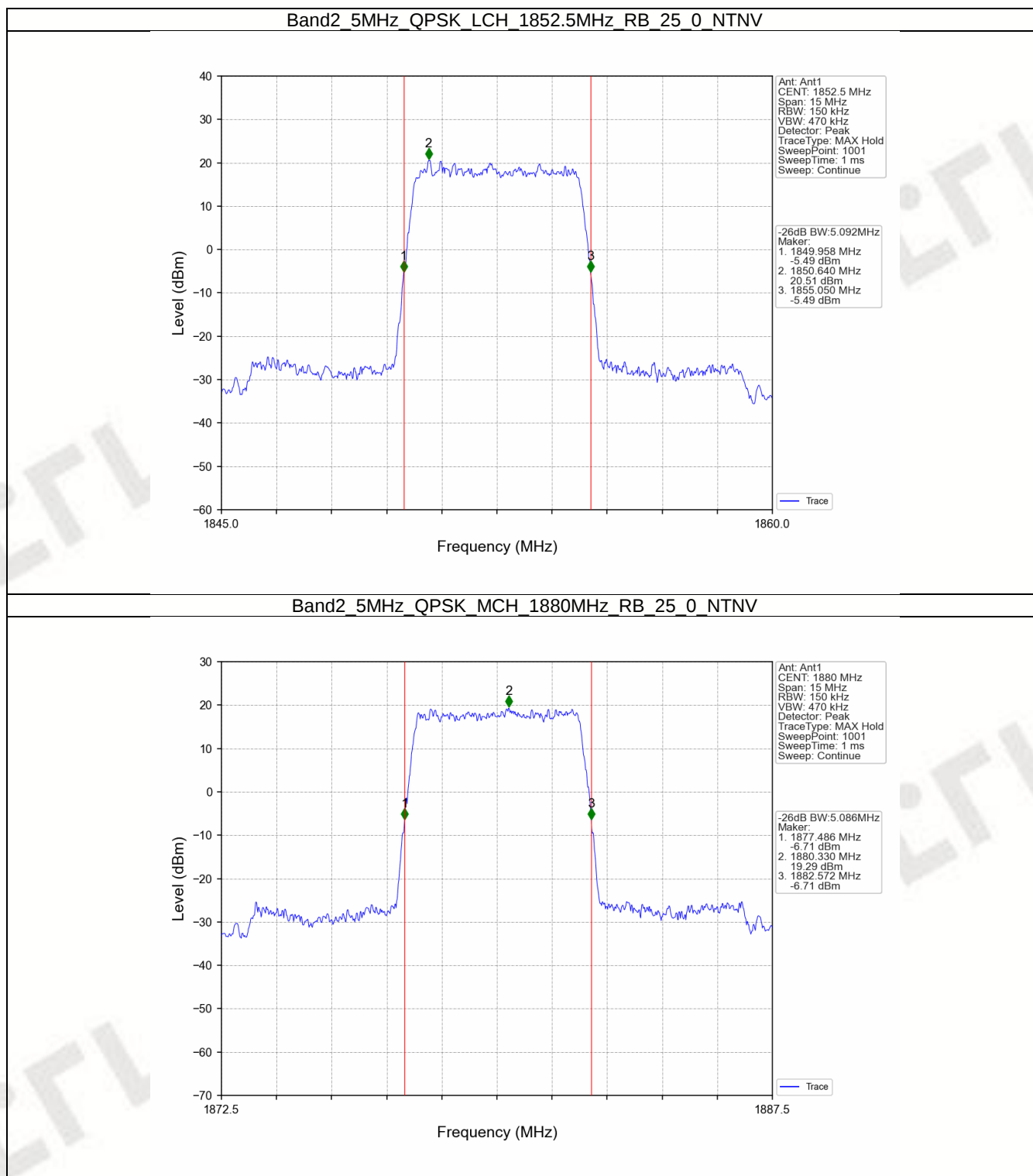
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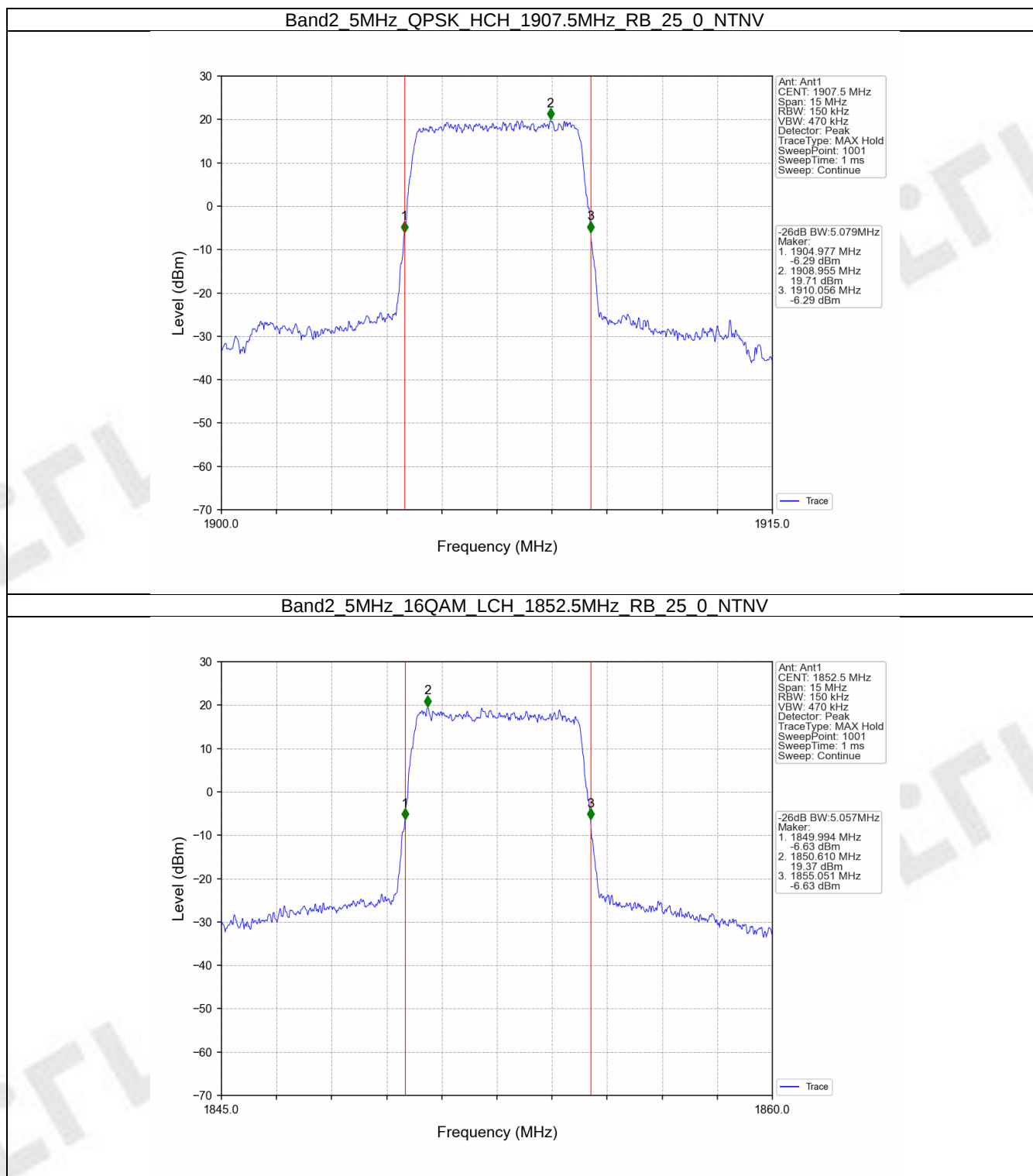
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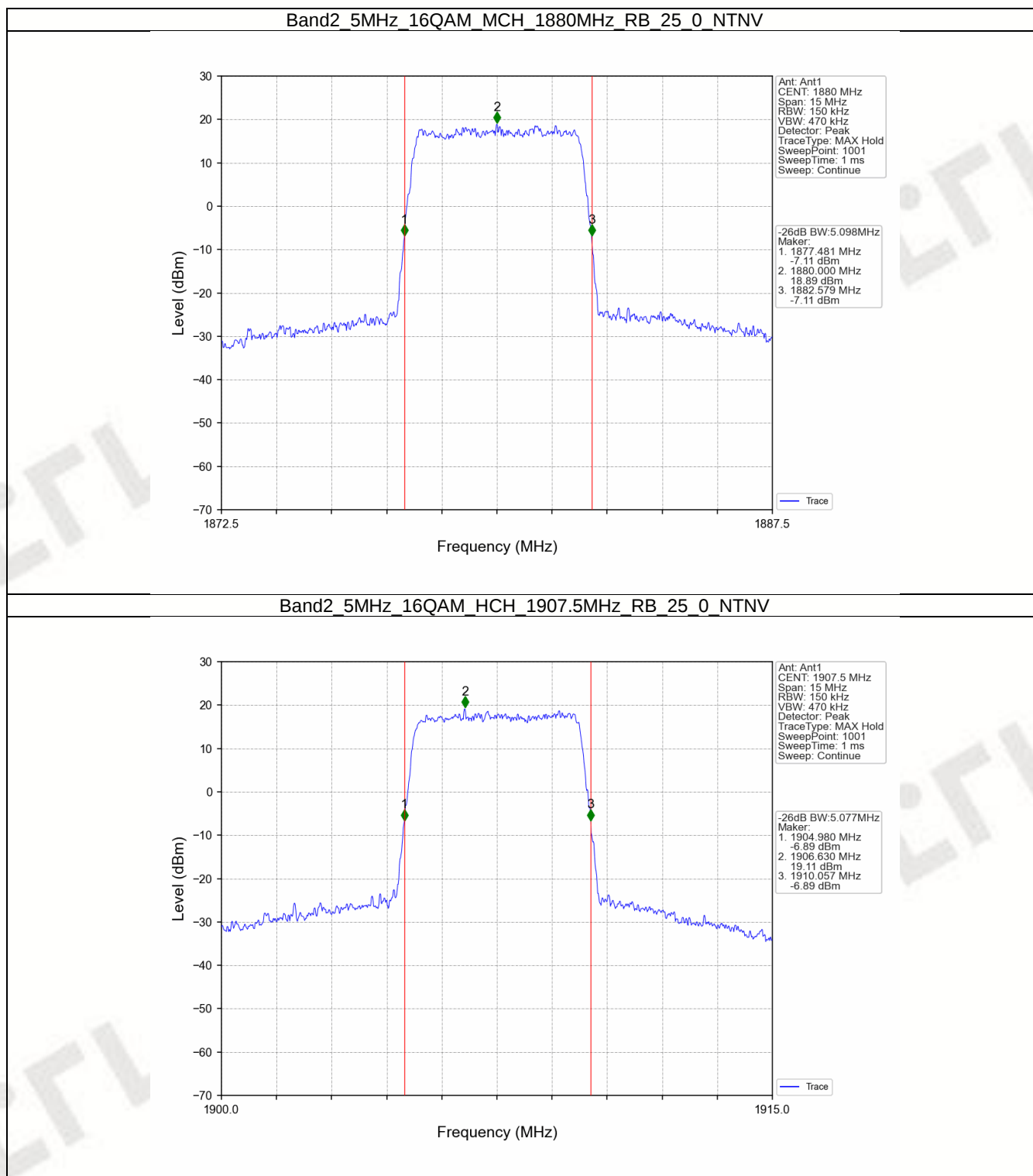
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FCCID: 2BCUE-P8GLOBAL

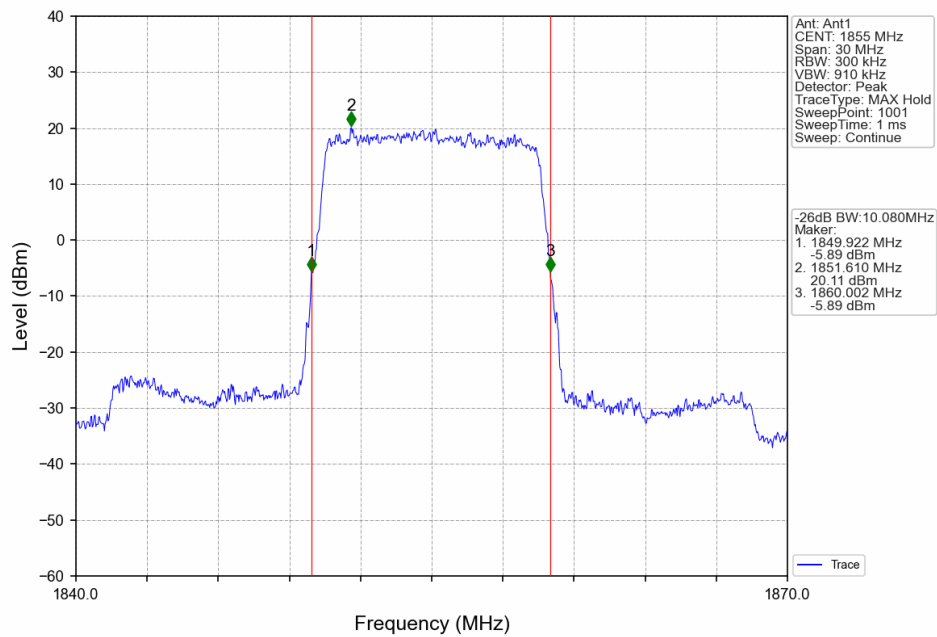


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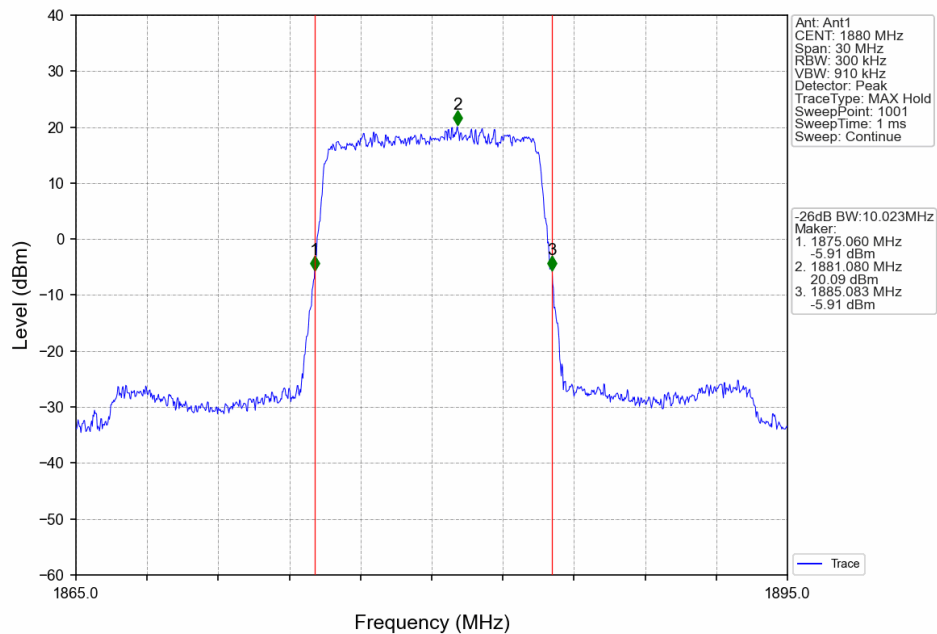


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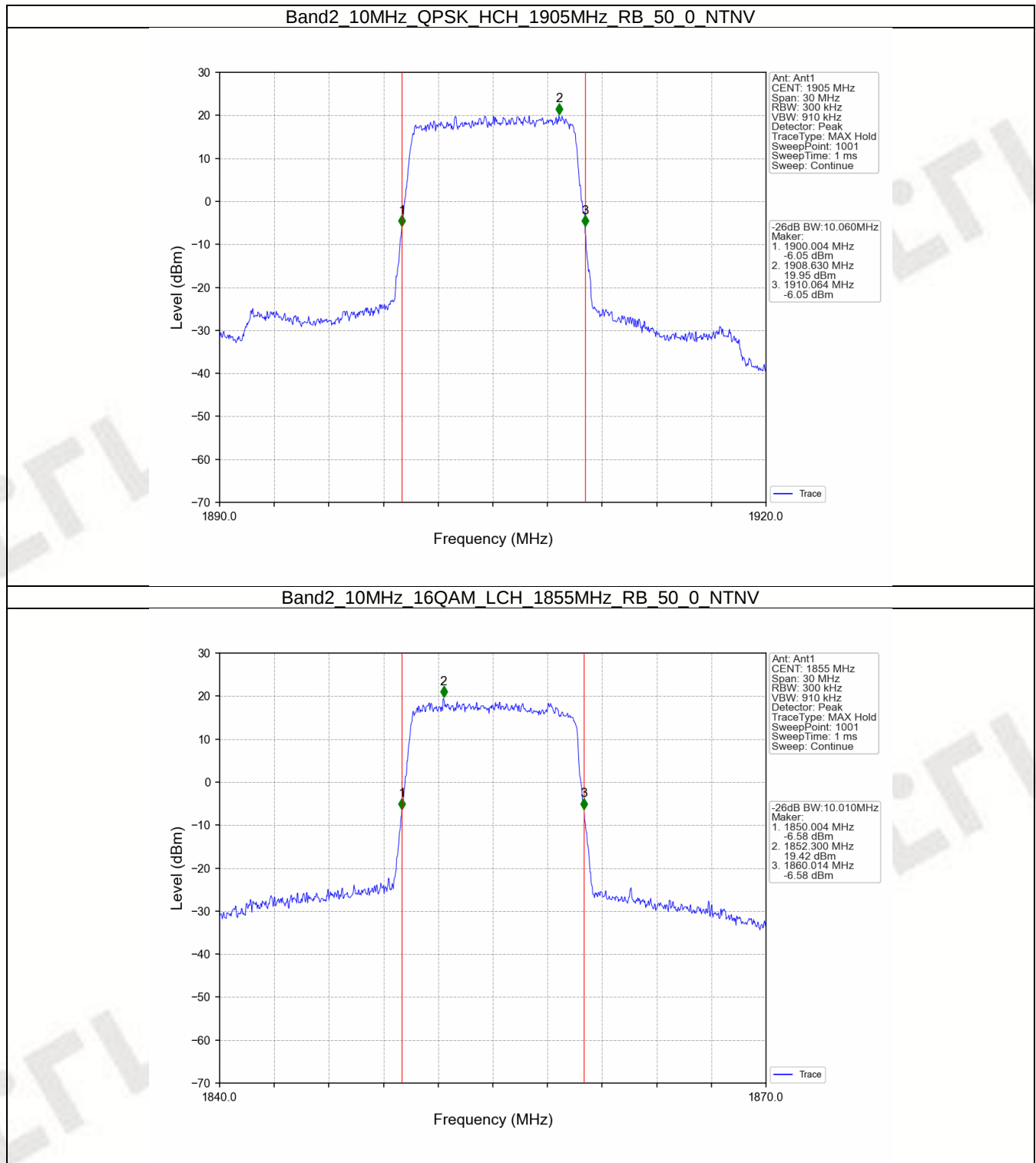
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



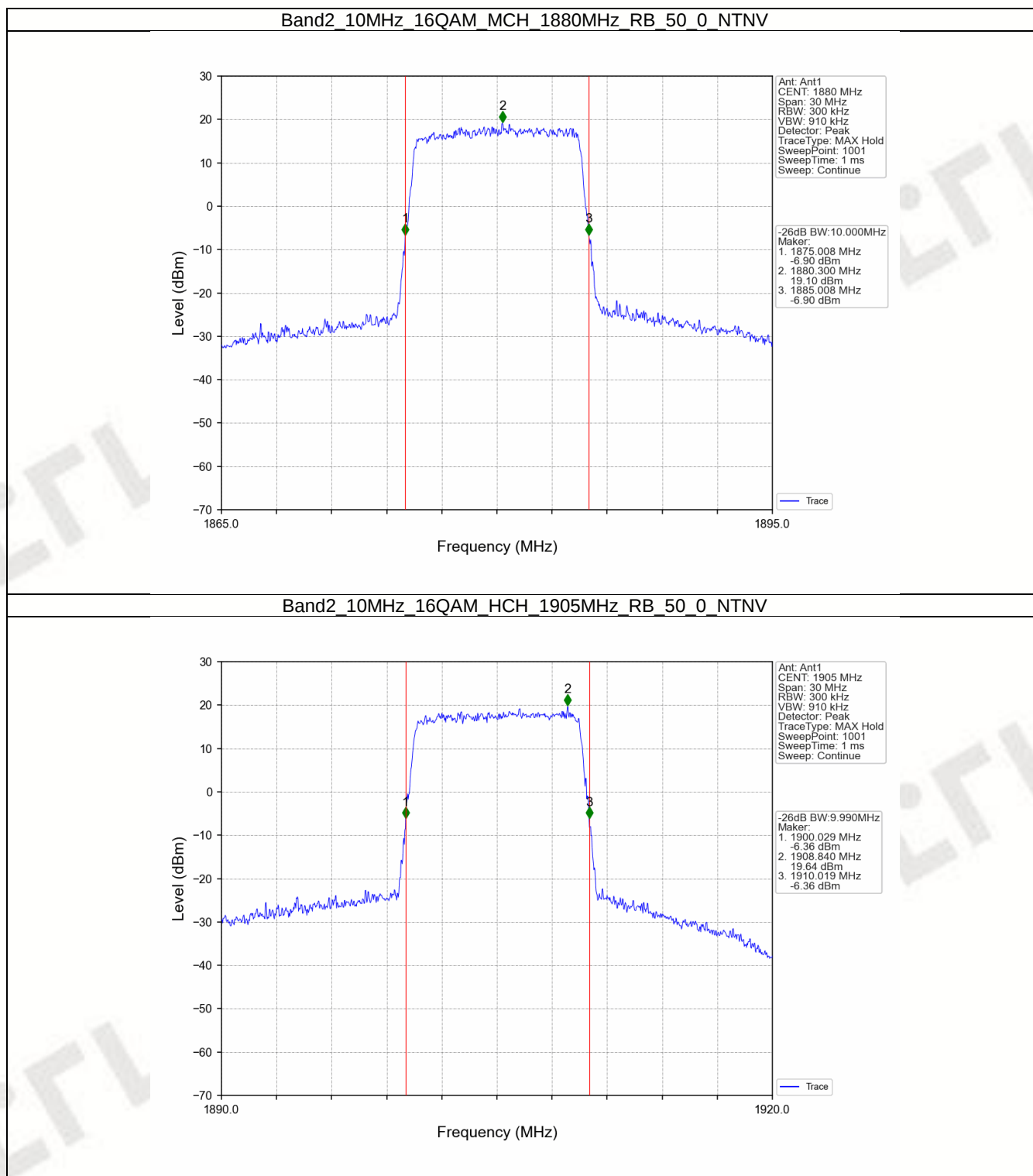
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



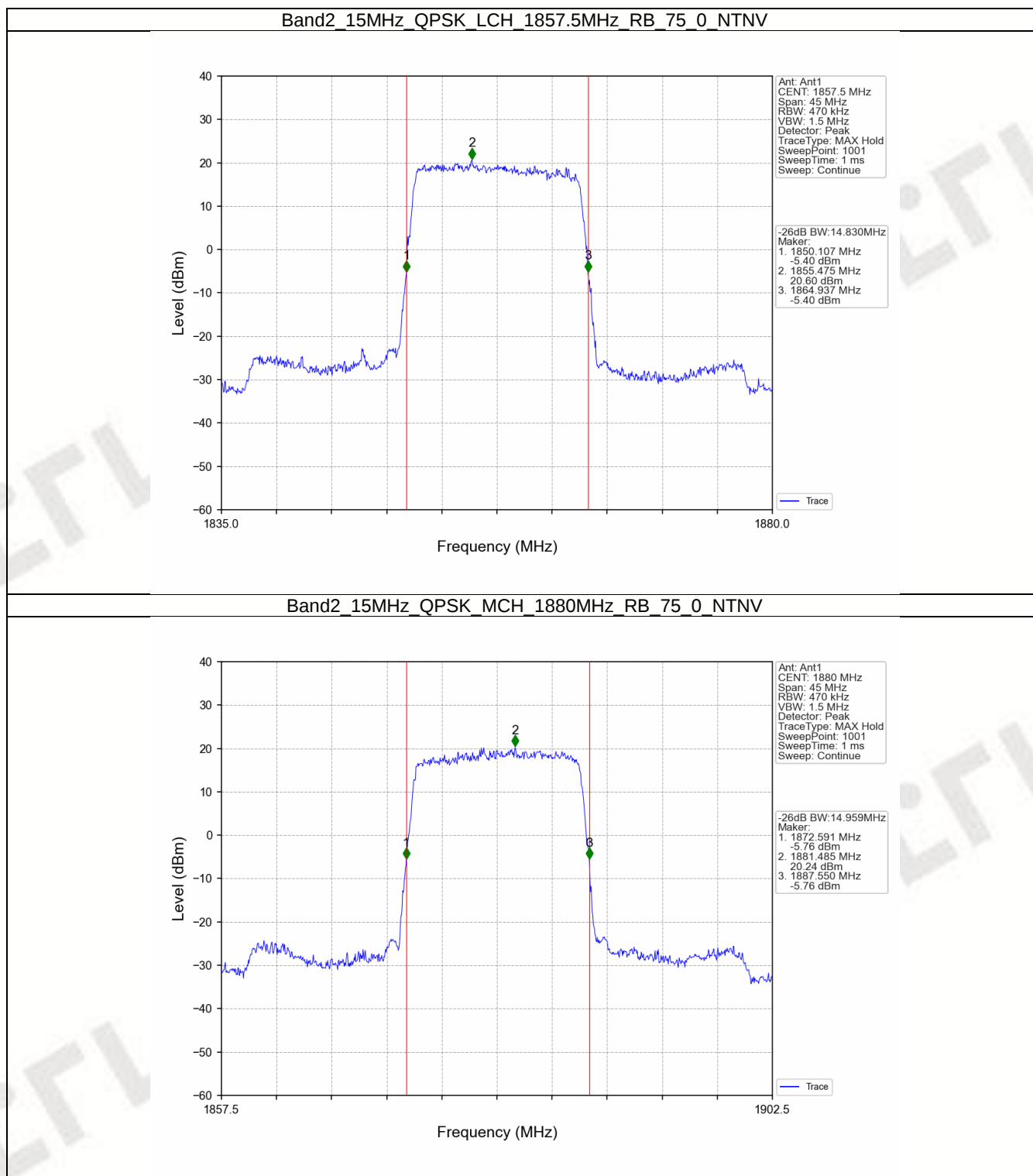
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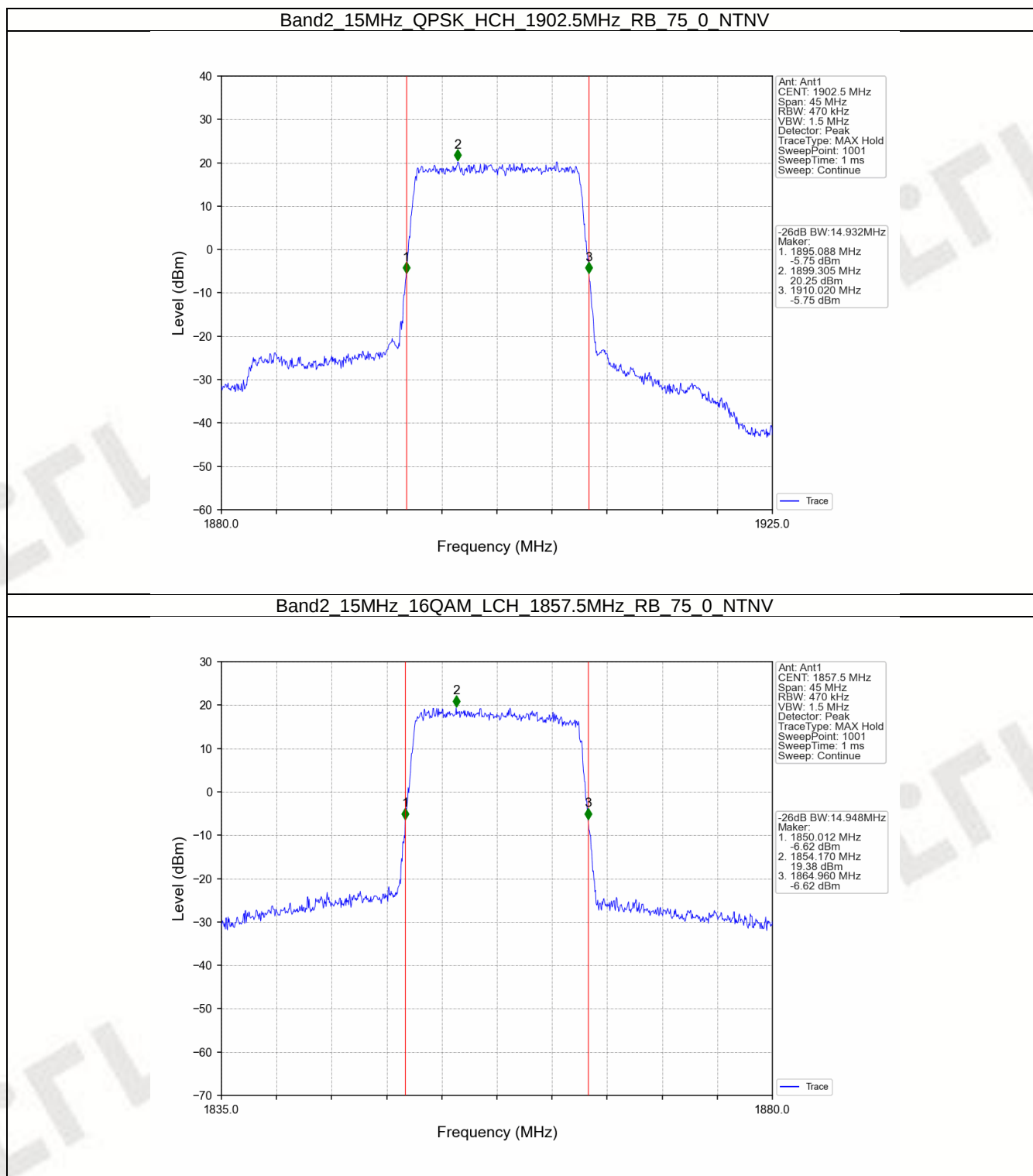
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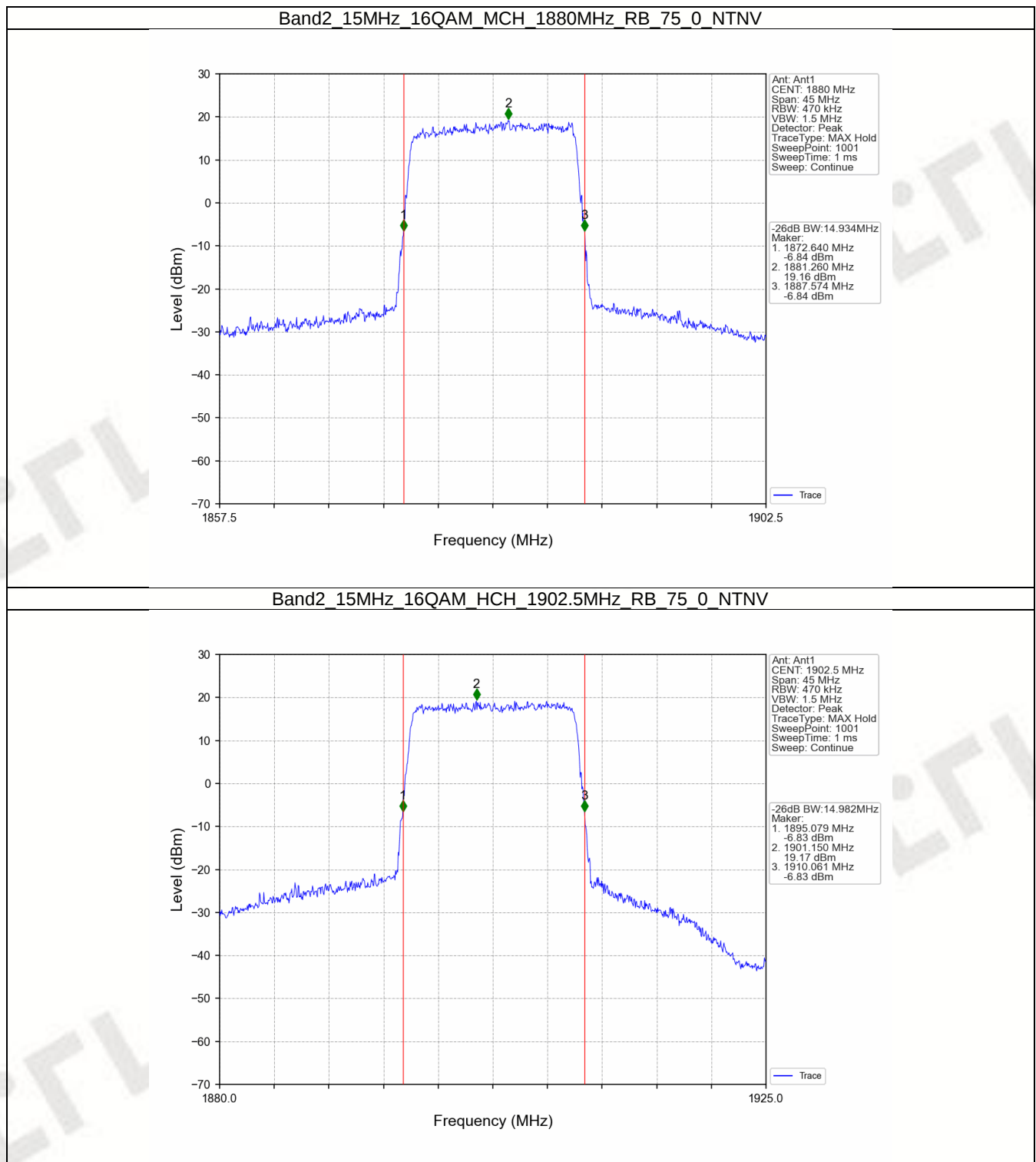
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FCCID: 2BCUE-P8GLOBAL

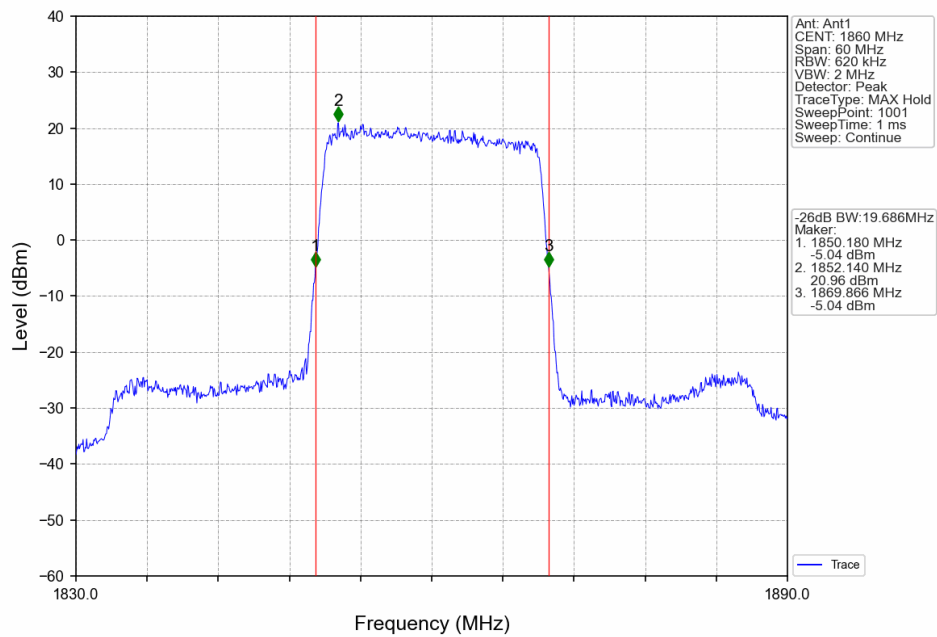


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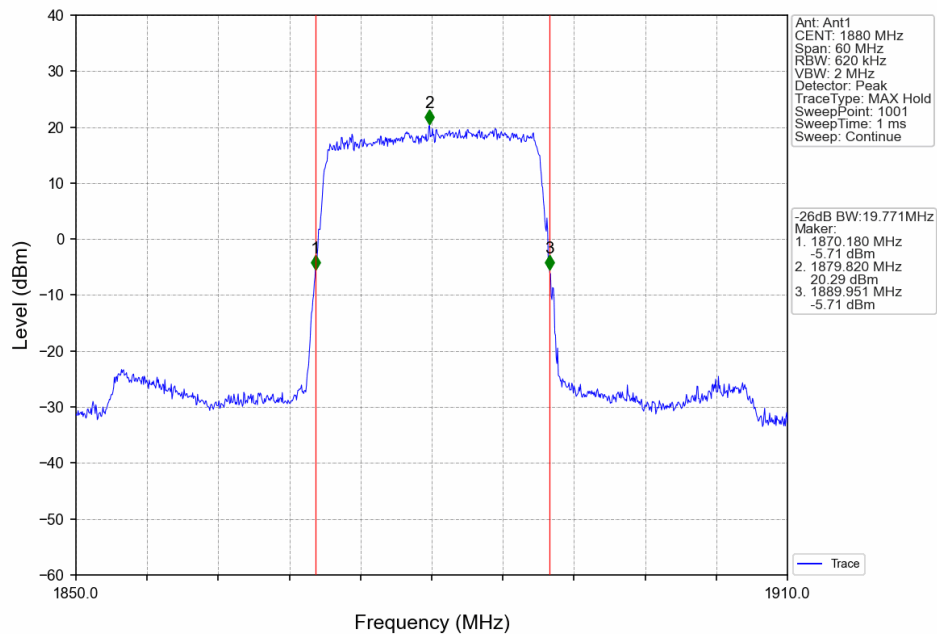


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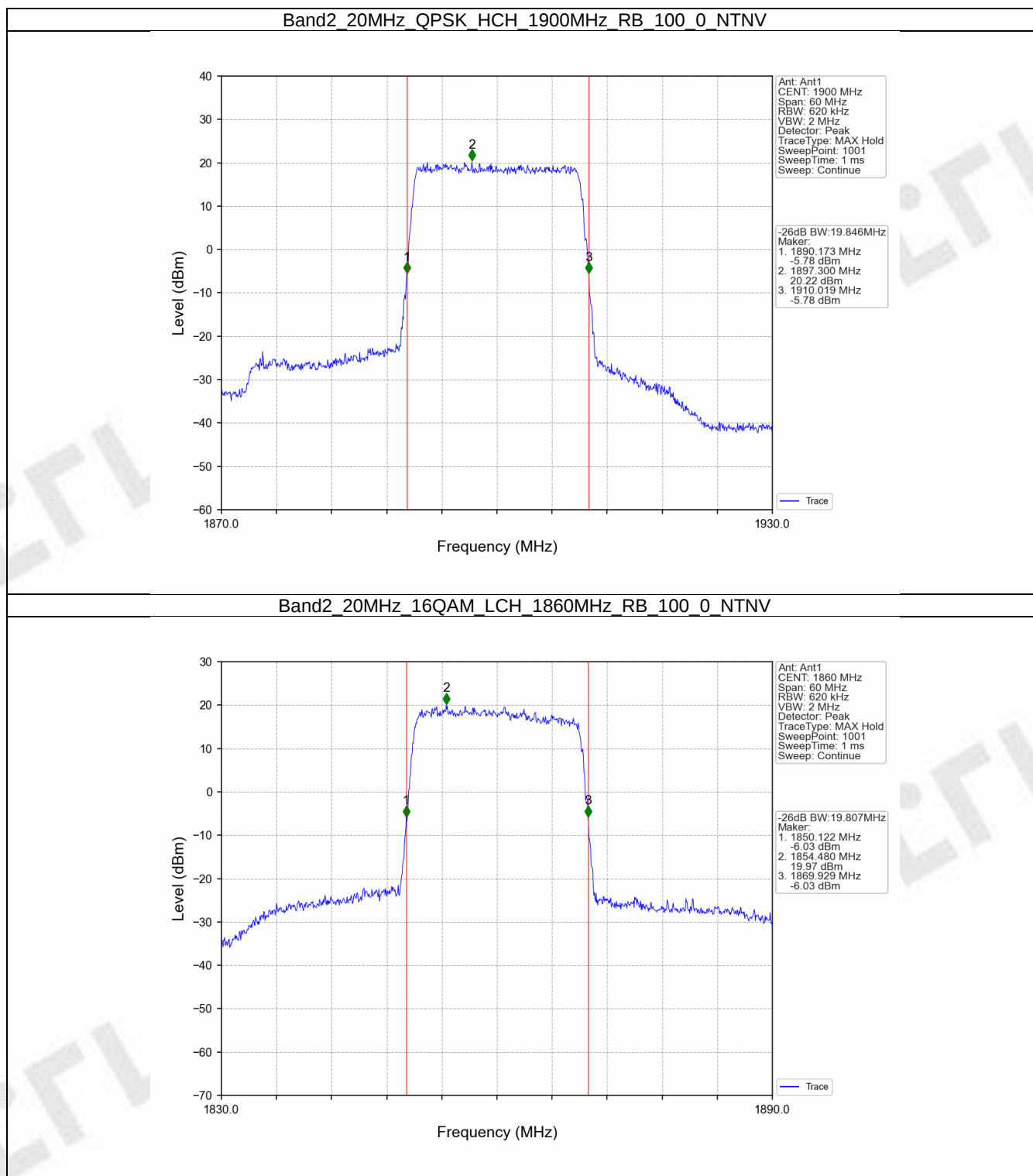
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



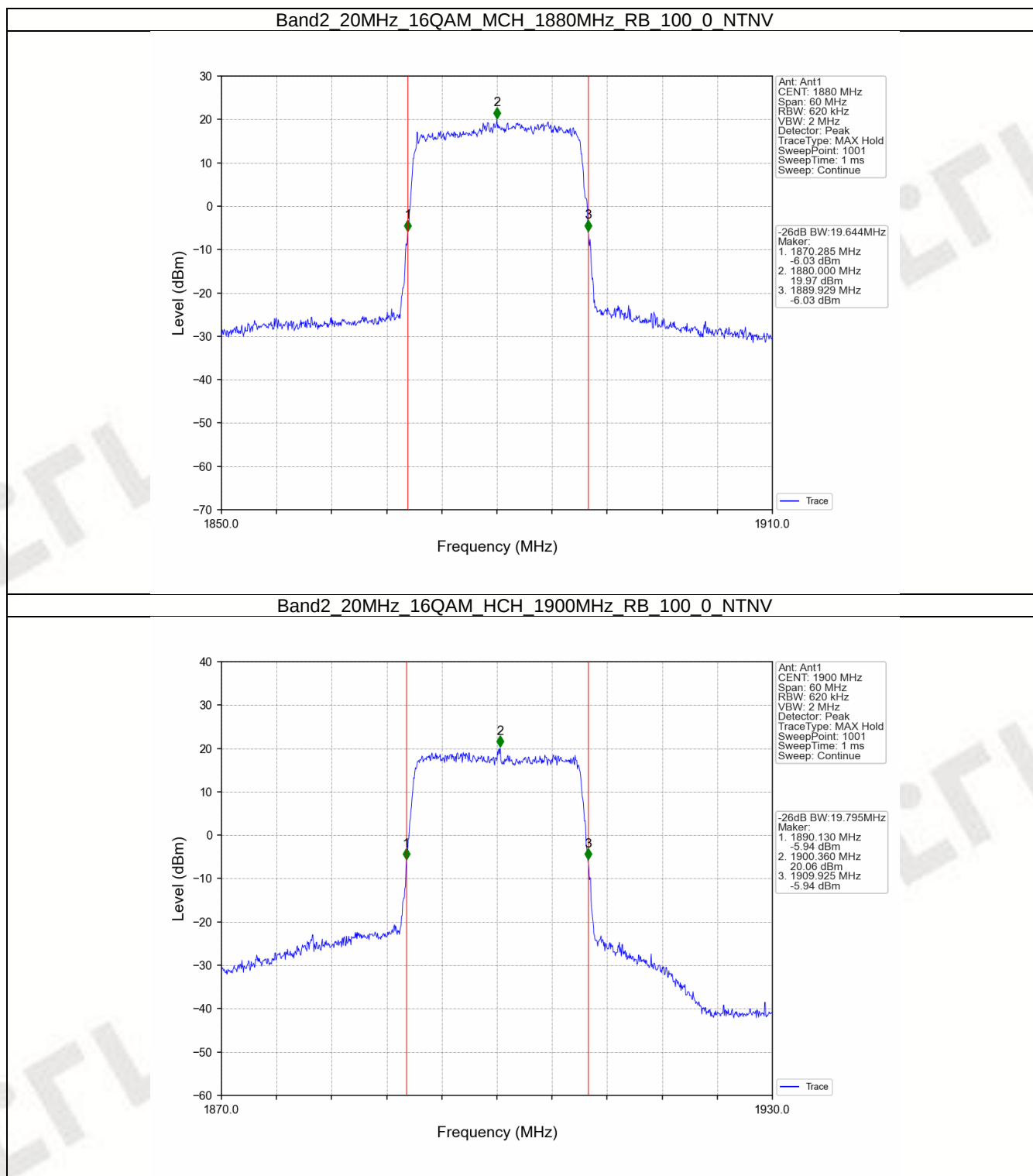
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



FCCID: 2BCUE-P8GLOBAL



FCCID: 2BCUE-P8GLOBAL



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	5.19	<=13	Pass
	1880	6	0	5.28	<=13	Pass
	1909.3	6	0	5.24	<=13	Pass
16QAM	1850.7	6	0	6.00	<=13	Pass
	1880	6	0	6.07	<=13	Pass
	1909.3	6	0	6.09	<=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	5.27	<=13	Pass
	1880	15	0	5.33	<=13	Pass
	1908.5	15	0	5.26	<=13	Pass
16QAM	1851.5	15	0	6.05	<=13	Pass
	1880	15	0	6.15	<=13	Pass
	1908.5	15	0	6.10	<=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	5.28	<=13	Pass
	1880	25	0	5.29	<=13	Pass
	1907.5	25	0	5.30	<=13	Pass
16QAM	1852.5	25	0	6.02	<=13	Pass
	1880	25	0	6.08	<=13	Pass
	1907.5	25	0	6.09	<=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	5.20	<=13	Pass
	1880	50	0	5.23	<=13	Pass
	1905	50	0	5.31	<=13	Pass
16QAM	1855	50	0	5.99	<=13	Pass
	1880	50	0	6.05	<=13	Pass
	1905	50	0	6.12	<=13	Pass

5.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.39	<=13	Pass
	1880	75	0	5.39	<=13	Pass
	1902.5	75	0	5.53	<=13	Pass
16QAM	1857.5	75	0	6.08	<=13	Pass
	1880	75	0	6.08	<=13	Pass
	1902.5	75	0	6.22	<=13	Pass

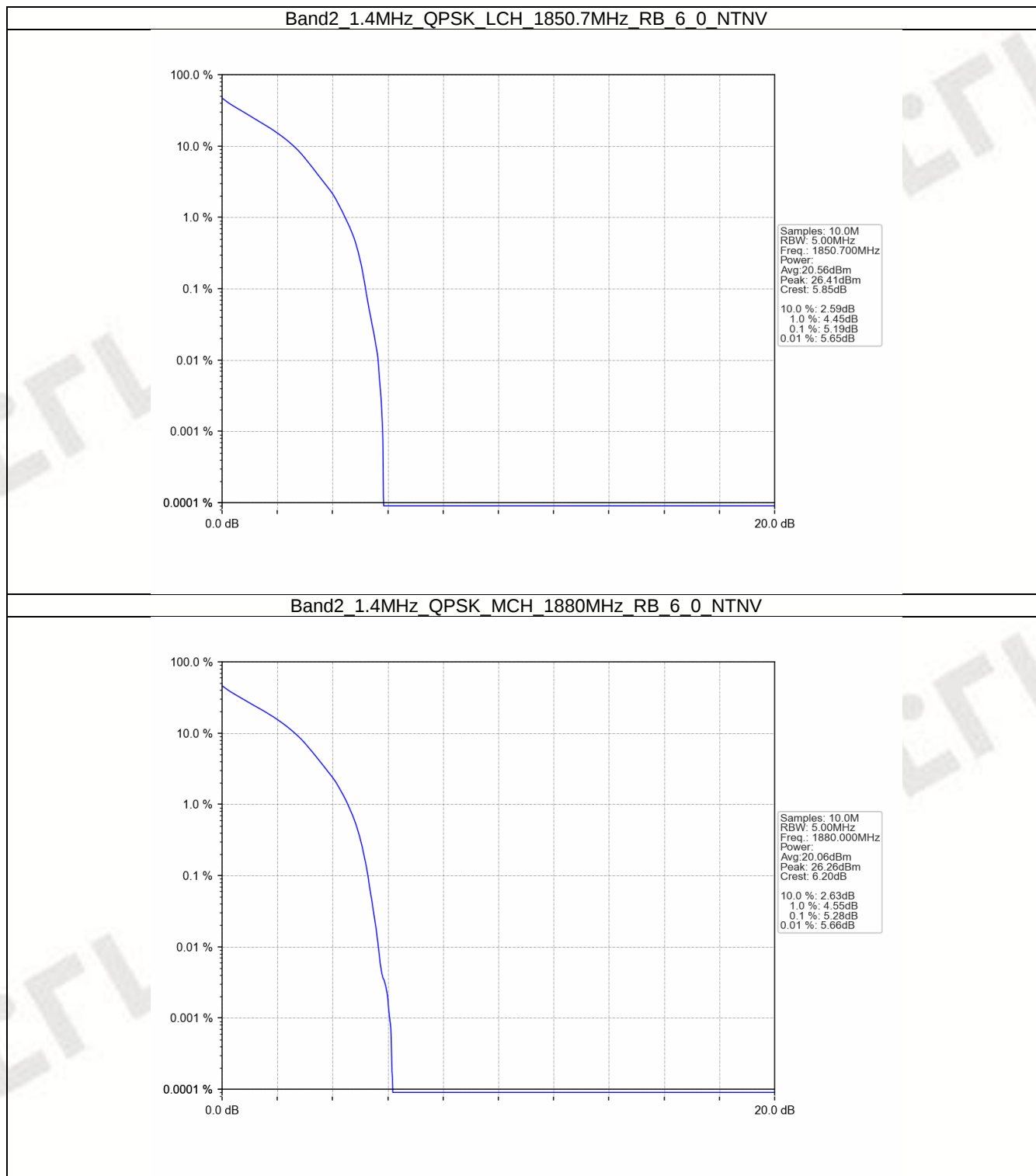
5.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.24	<=13	Pass
	1880	100	0	5.19	<=13	Pass
	1900	100	0	5.40	<=13	Pass
16QAM	1860	100	0	6.06	<=13	Pass
	1880	100	0	6.01	<=13	Pass
	1900	100	0	6.15	<=13	Pass

FCCID: 2BCUE-P8GLOBAL

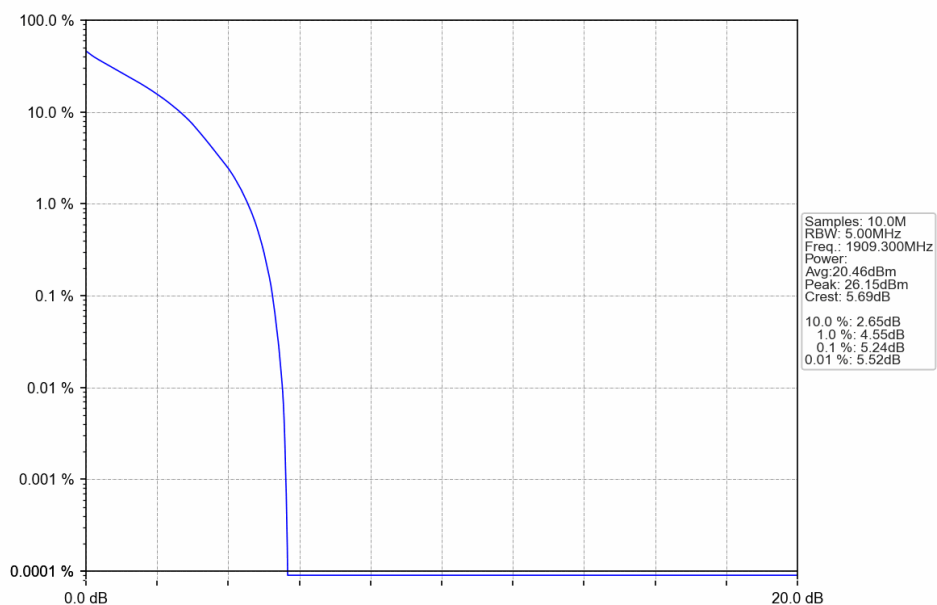
5.2 Test Graph

5.2.1 B2_1.4MHz

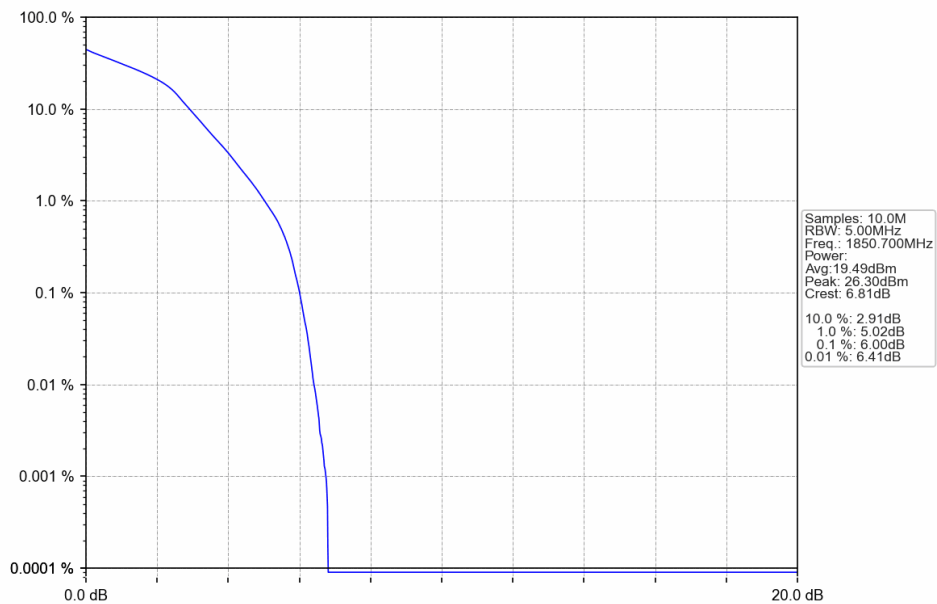


FCCID: 2BCUE-P8GLOBAL

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

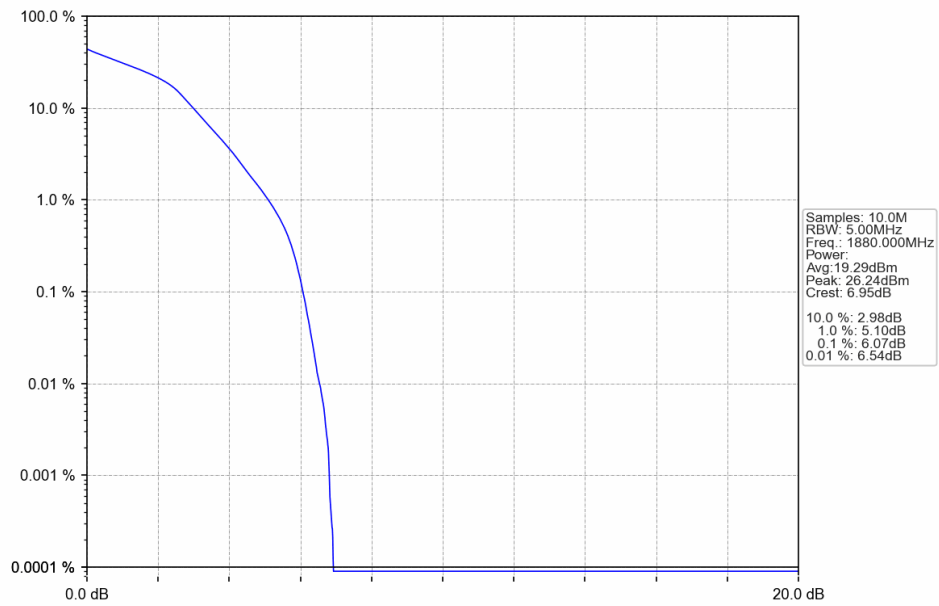


Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

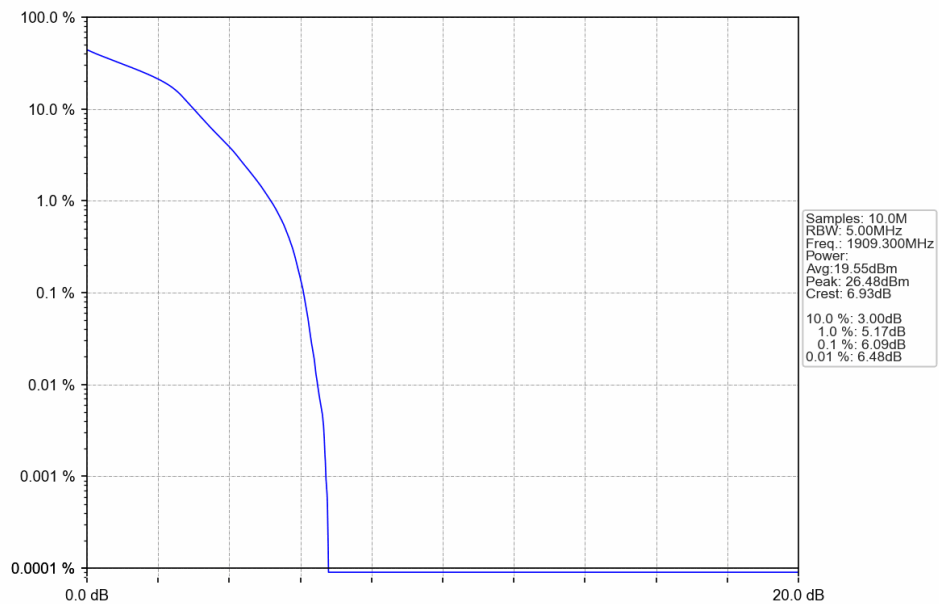


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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV

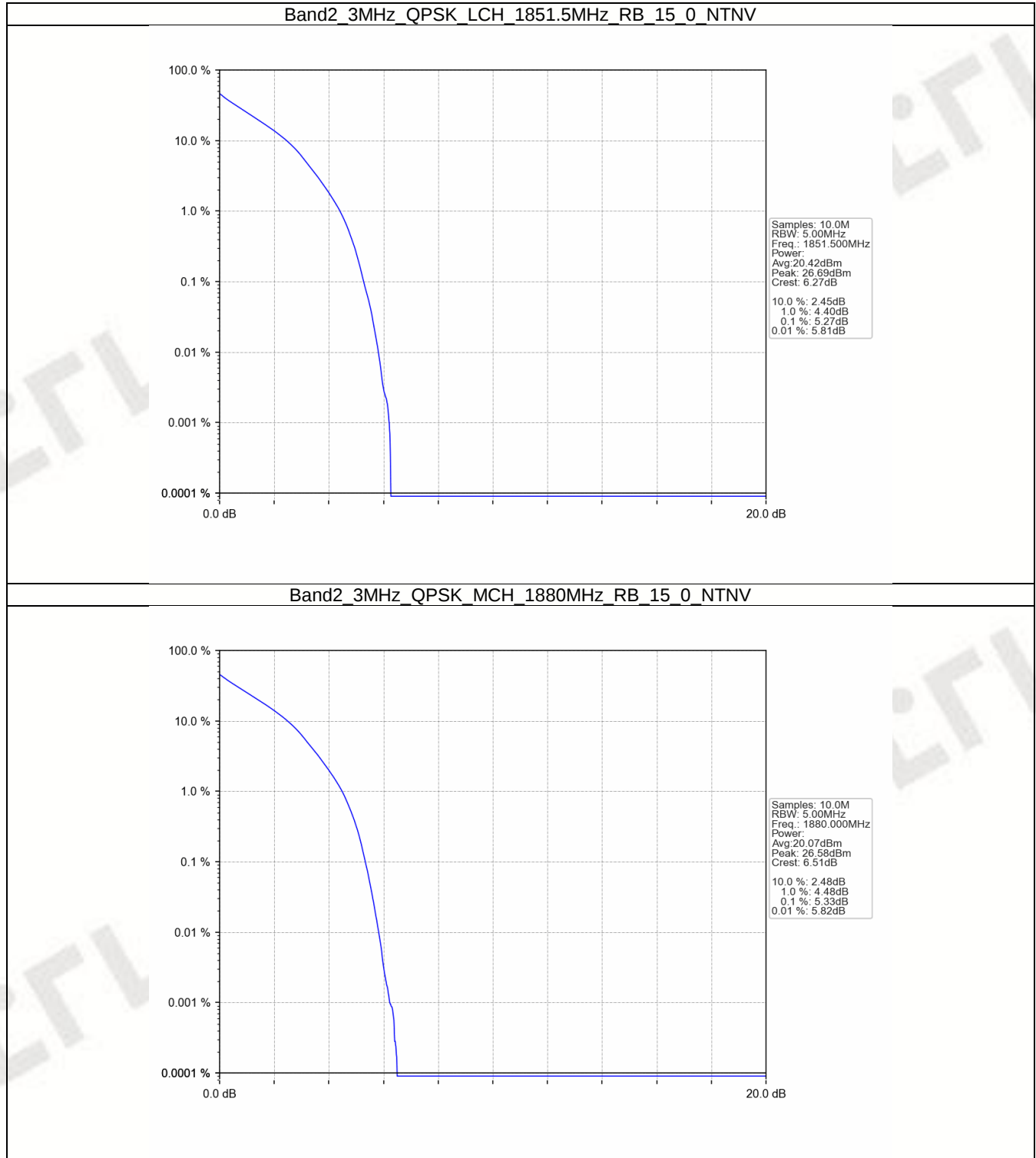


Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



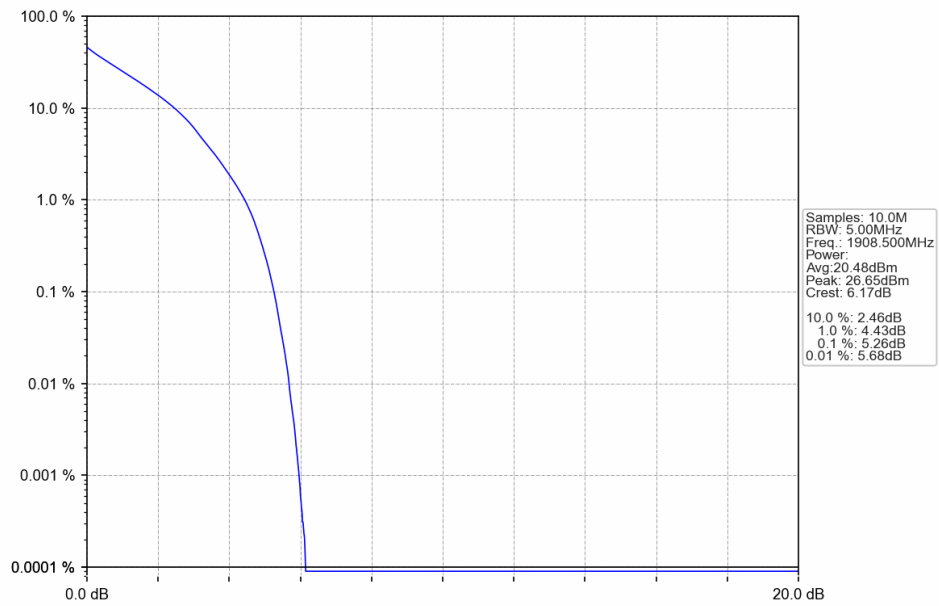
FCCID: 2BCUE-P8GLOBAL

5.2.2 B2_3MHz

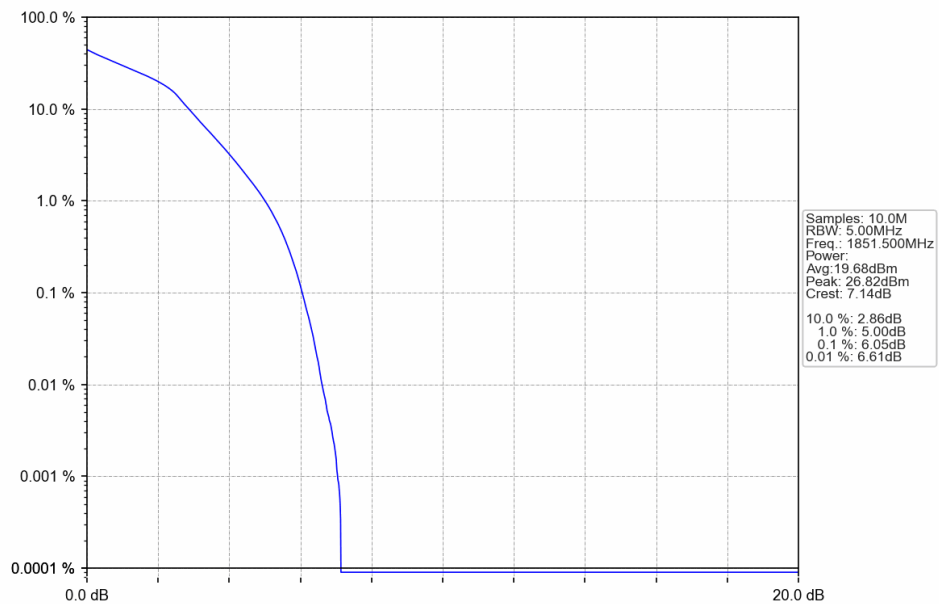


FCCID: 2BCUE-P8GLOBAL

Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

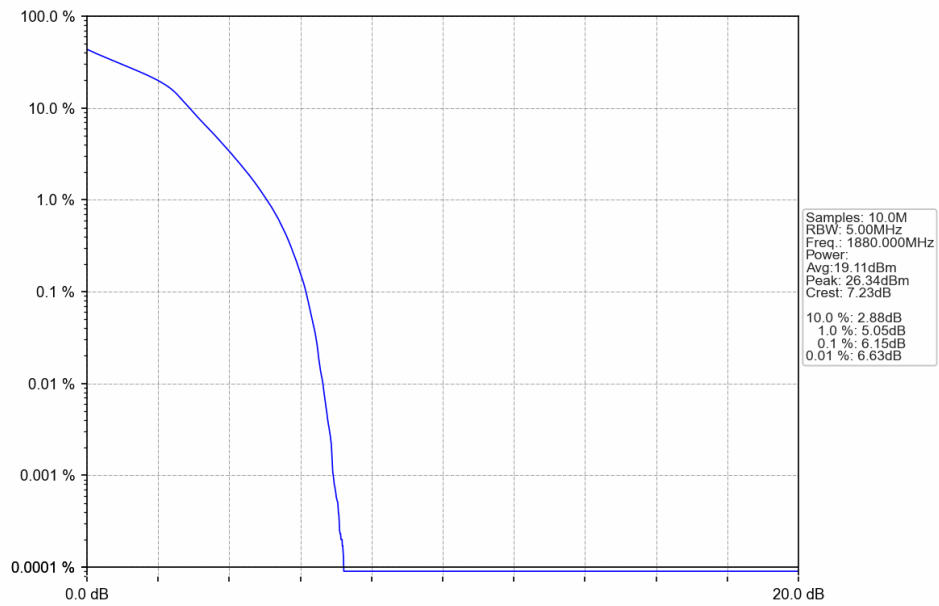


Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

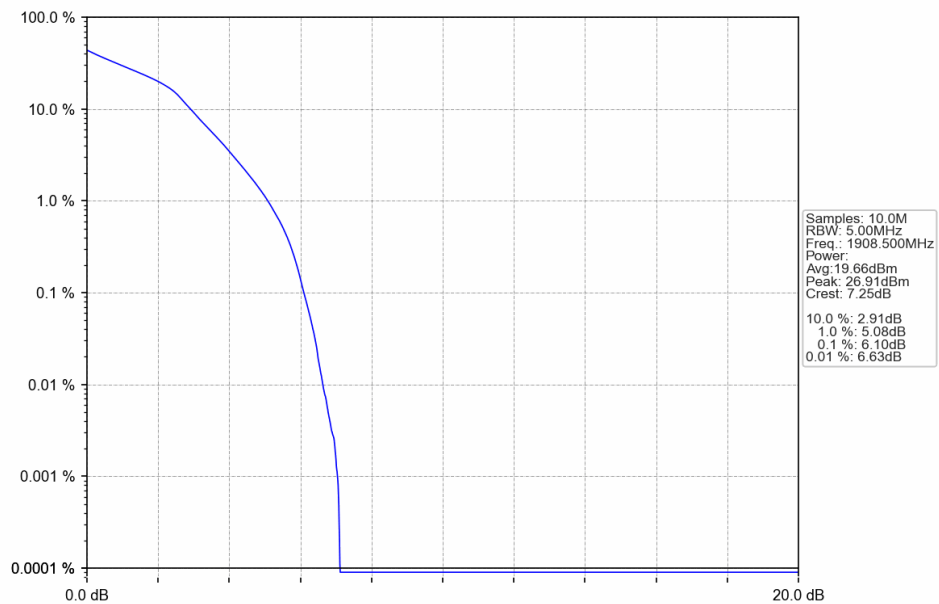


FCCID: 2BCUE-P8GLOBAL

Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

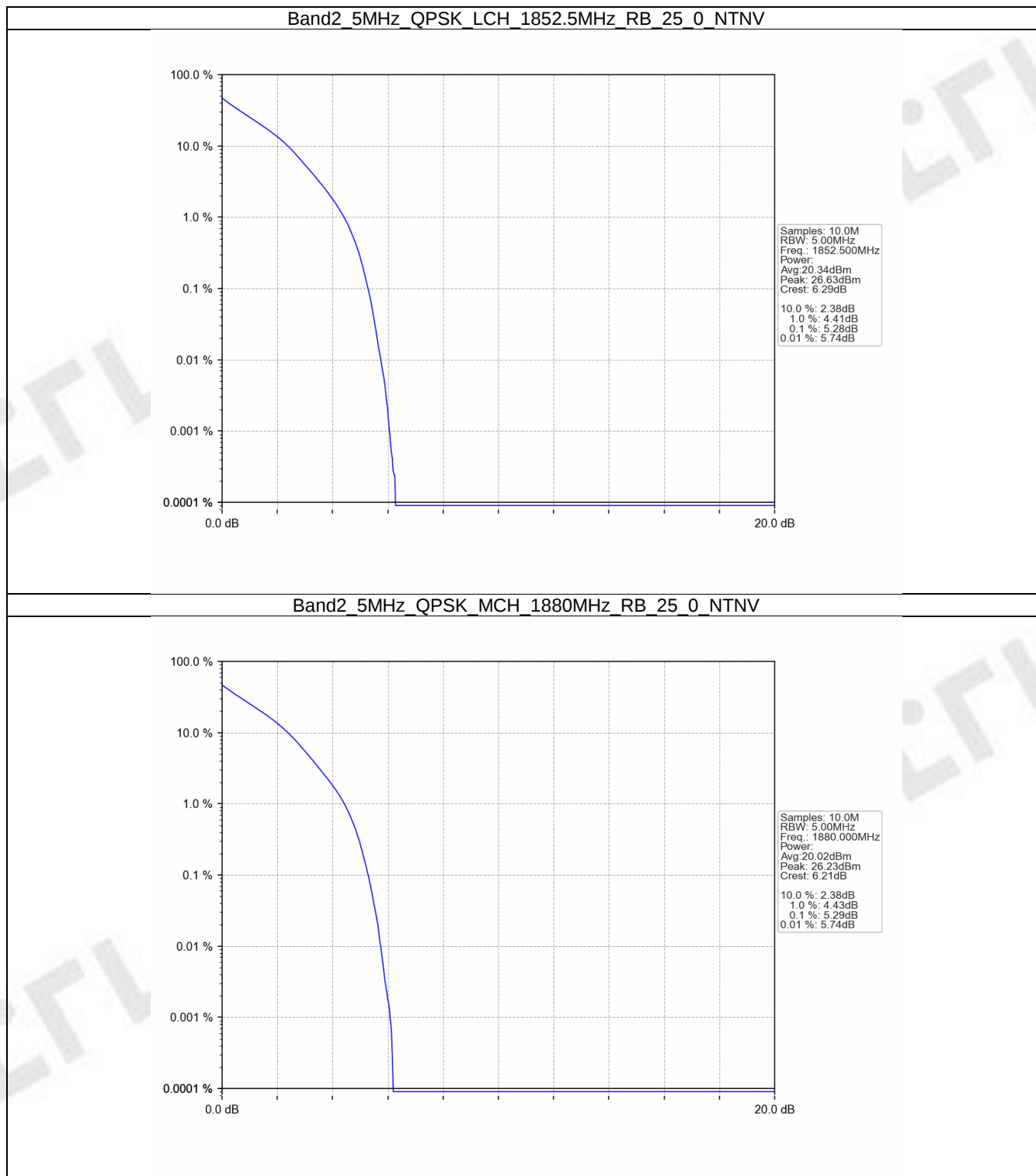


Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



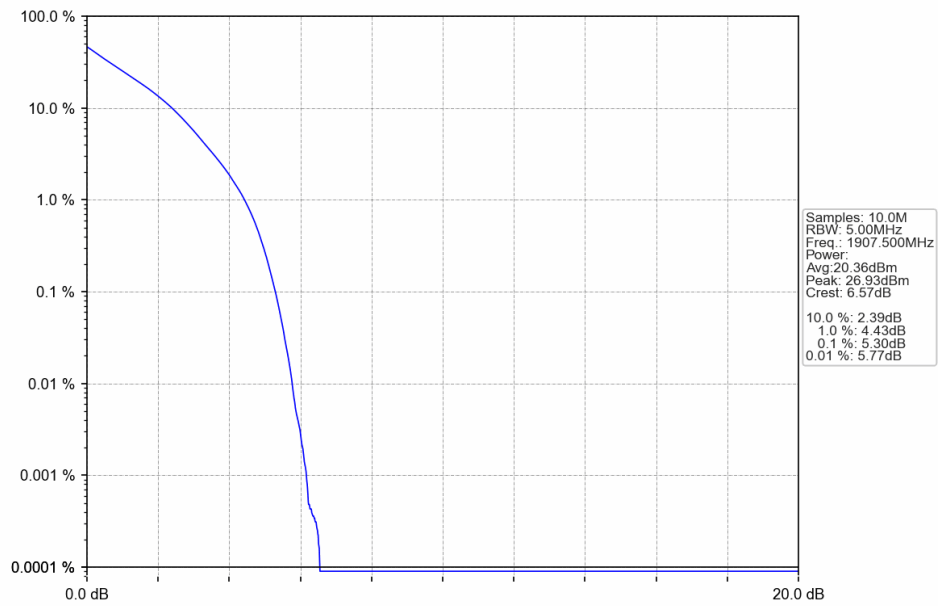
FCCID: 2BCUE-P8GLOBAL

5.2.3 B2_5MHz



FCCID: 2BCUE-P8GLOBAL

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

