

Appendix B.1

LTE Band 2



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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	23.41	4.48	27.89	<=33.01	Pass
			2	23.39	4.48	27.87	<=33.01	Pass
			5	23.33	4.48	27.81	<=33.01	Pass
		3	0	23.38	4.48	27.86	<=33.01	Pass
			2	23.41	4.48	27.89	<=33.01	Pass
			3	23.36	4.48	27.84	<=33.01	Pass
		6	0	22.41	4.48	26.89	<=33.01	Pass
	1880	1	0	23.63	4.48	28.11	<=33.01	Pass
			2	23.62	4.48	28.10	<=33.01	Pass
			5	23.56	4.48	28.04	<=33.01	Pass
		3	0	23.61	4.48	28.09	<=33.01	Pass
			2	23.57	4.48	28.05	<=33.01	Pass
			3	23.53	4.48	28.01	<=33.01	Pass
		6	0	22.57	4.48	27.05	<=33.01	Pass
	1909.3	1	0	23.43	4.48	27.91	<=33.01	Pass
			2	23.48	4.48	27.96	<=33.01	Pass
			5	23.40	4.48	27.88	<=33.01	Pass
		3	0	23.42	4.48	27.90	<=33.01	Pass
			2	23.35	4.48	27.83	<=33.01	Pass
			3	23.43	4.48	27.91	<=33.01	Pass
		6	0	22.43	4.48	26.91	<=33.01	Pass
16QAM	1850.7	1	0	22.47	4.48	26.95	<=33.01	Pass
			2	22.54	4.48	27.02	<=33.01	Pass
			5	22.50	4.48	26.98	<=33.01	Pass
		3	0	22.52	4.48	27.00	<=33.01	Pass
			2	22.50	4.48	26.98	<=33.01	Pass
			3	22.42	4.48	26.90	<=33.01	Pass
		6	0	21.37	4.48	25.85	<=33.01	Pass



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	1880	1	0	22.77	4.48	27.25	<=33.01	Pass
			2	22.75	4.48	27.23	<=33.01	Pass
			5	22.73	4.48	27.21	<=33.01	Pass
		3	0	22.60	4.48	27.08	<=33.01	Pass
			2	22.60	4.48	27.08	<=33.01	Pass
			3	22.57	4.48	27.05	<=33.01	Pass
		6	0	21.65	4.48	26.13	<=33.01	Pass
	1909.3	1	0	22.60	4.48	27.08	<=33.01	Pass
			2	22.58	4.48	27.06	<=33.01	Pass
			5	22.48	4.48	26.96	<=33.01	Pass
		3	0	22.51	4.48	26.99	<=33.01	Pass
			2	22.48	4.48	26.96	<=33.01	Pass
			3	22.49	4.48	26.97	<=33.01	Pass
		6	0	21.48	4.48	25.96	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	23.43	4.48	27.91	<=33.01	Pass
			7	23.41	4.48	27.89	<=33.01	Pass
			14	23.21	4.48	27.69	<=33.01	Pass
		8	0	22.5	4.48	26.98	<=33.01	Pass
			4	22.46	4.48	26.94	<=33.01	Pass
			7	22.42	4.48	26.90	<=33.01	Pass
		15	0	22.48	4.48	26.96	<=33.01	Pass
	1880	1	0	23.62	4.48	28.10	<=33.01	Pass
			7	23.59	4.48	28.07	<=33.01	Pass
			14	23.41	4.48	27.89	<=33.01	Pass
		8	0	22.56	4.48	27.04	<=33.01	Pass
			4	22.62	4.48	27.10	<=33.01	Pass
			7	22.53	4.48	27.01	<=33.01	Pass
		15	0	22.53	4.48	27.01	<=33.01	Pass
	1908.5	1	0	23.43	4.48	27.91	<=33.01	Pass
			7	23.44	4.48	27.92	<=33.01	Pass
			14	23.28	4.48	27.76	<=33.01	Pass



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16QAM	1851.5	8	0	22.47	4.48	26.95	<=33.01	Pass
			4	22.49	4.48	26.97	<=33.01	Pass
			7	22.4	4.48	26.88	<=33.01	Pass
		15	0	22.47	4.48	26.95	<=33.01	Pass
			0	22.6	4.48	27.08	<=33.01	Pass
			7	22.62	4.48	27.10	<=33.01	Pass
			14	22.41	4.48	26.89	<=33.01	Pass
		8	0	21.57	4.48	26.05	<=33.01	Pass
			4	21.46	4.48	25.94	<=33.01	Pass
			7	21.48	4.48	25.96	<=33.01	Pass
16QAM	1880	1	0	21.5	4.48	25.98	<=33.01	Pass
			0	22.79	4.48	27.27	<=33.01	Pass
			7	22.82	4.48	27.30	<=33.01	Pass
		8	14	22.55	4.48	27.03	<=33.01	Pass
			0	21.61	4.48	26.09	<=33.01	Pass
			4	21.64	4.48	26.12	<=33.01	Pass
			7	21.57	4.48	26.05	<=33.01	Pass
		15	0	21.51	4.48	25.99	<=33.01	Pass
			0	22.6	4.48	27.08	<=33.01	Pass
	1908.5	1	7	22.64	4.48	27.12	<=33.01	Pass
			14	22.51	4.48	26.99	<=33.01	Pass
			0	21.51	4.48	25.99	<=33.01	Pass
		8	4	21.52	4.48	26.00	<=33.01	Pass
			7	21.45	4.48	25.93	<=33.01	Pass
			13	22.46	4.48	26.94	<=33.01	Pass
		15	0	21.45	4.48	25.93	<=33.01	Pass
			0	22.6	4.48	27.08	<=33.01	Pass
			7	22.64	4.48	27.12	<=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	23.51	4.48	27.99	<=33.01	Pass
			13	23.51	4.48	27.99	<=33.01	Pass
			24	23.41	4.48	27.89	<=33.01	Pass
		12	0	22.59	4.48	27.07	<=33.01	Pass
			6	22.55	4.48	27.03	<=33.01	Pass
			13	22.46	4.48	26.94	<=33.01	Pass



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		25	0	22.54	4.48	27.02	<=33.01	Pass
		1880	0	23.65	4.48	28.13	<=33.01	Pass
			13	23.68	4.48	28.16	<=33.01	Pass
			24	23.57	4.48	28.05	<=33.01	Pass
			12	0	22.62	4.48	27.10	Pass
				6	22.59	4.48	27.07	Pass
				13	22.57	4.48	27.05	Pass
		25	0	22.55	4.48	27.03	<=33.01	Pass
		1907.5	1	0	23.45	4.48	27.93	Pass
				13	23.49	4.48	27.97	Pass
				24	23.41	4.48	27.89	Pass
			12	0	22.46	4.48	26.94	Pass
				6	22.44	4.48	26.92	Pass
				13	22.44	4.48	26.92	Pass
		25	0	22.41	4.48	26.89	<=33.01	Pass
16QAM		1852.5	1	0	22.72	4.48	27.20	Pass
				13	22.63	4.48	27.11	Pass
				24	22.61	4.48	27.09	Pass
			12	0	21.62	4.48	26.10	Pass
				6	21.47	4.48	25.95	Pass
				13	21.54	4.48	26.02	Pass
		25	0	21.55	4.48	26.03	<=33.01	Pass
		1880	1	0	22.83	4.48	27.31	Pass
				13	22.8	4.48	27.28	Pass
				24	22.72	4.48	27.20	Pass
			12	0	21.63	4.48	26.11	Pass
				6	21.63	4.48	26.11	Pass
				13	21.69	4.48	26.17	Pass
		25	0	21.58	4.48	26.06	<=33.01	Pass
		1907.5	1	0	22.59	4.48	27.07	Pass
				13	22.8	4.48	27.28	Pass
				24	22.62	4.48	27.10	Pass
			12	0	21.41	4.48	25.89	Pass
				6	21.48	4.48	25.96	Pass
				13	21.39	4.48	25.87	Pass
		25	0	21.43	4.48	25.91	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.48	4.48	27.96	<=33.01	Pass
			25	23.44	4.48	27.92	<=33.01	Pass
			49	23.40	4.48	27.88	<=33.01	Pass
		25	0	22.51	4.48	26.99	<=33.01	Pass
			13	22.54	4.48	27.02	<=33.01	Pass
			25	22.49	4.48	26.97	<=33.01	Pass
		50	0	22.52	4.48	27.00	<=33.01	Pass
	1880	1	0	23.60	4.48	28.08	<=33.01	Pass
			25	23.58	4.48	28.06	<=33.01	Pass
			49	23.50	4.48	27.98	<=33.01	Pass
		25	0	22.60	4.48	27.08	<=33.01	Pass
			13	22.59	4.48	27.07	<=33.01	Pass
			25	22.60	4.48	27.08	<=33.01	Pass
		50	0	22.58	4.48	27.06	<=33.01	Pass
	1905	1	0	23.43	4.48	27.91	<=33.01	Pass
			25	23.46	4.48	27.94	<=33.01	Pass
			49	23.42	4.48	27.90	<=33.01	Pass
		25	0	22.41	4.48	26.89	<=33.01	Pass
			13	22.43	4.48	26.91	<=33.01	Pass
			25	22.45	4.48	26.93	<=33.01	Pass
		50	0	22.40	4.48	26.88	<=33.01	Pass
16QAM	1855	1	0	22.73	4.48	27.21	<=33.01	Pass
			25	22.61	4.48	27.09	<=33.01	Pass
			49	22.59	4.48	27.07	<=33.01	Pass
		25	0	21.51	4.48	25.99	<=33.01	Pass
			13	21.55	4.48	26.03	<=33.01	Pass
			25	21.53	4.48	26.01	<=33.01	Pass
	1880	50	0	21.54	4.48	26.02	<=33.01	Pass
		1	0	22.81	4.48	27.29	<=33.01	Pass
			25	22.73	4.48	27.21	<=33.01	Pass
			49	22.77	4.48	27.25	<=33.01	Pass
		25	0	21.61	4.48	26.09	<=33.01	Pass
			13	21.60	4.48	26.08	<=33.01	Pass



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			25	21.60	4.48	26.08	<=33.01	Pass
		50	0	21.55	4.48	26.03	<=33.01	Pass
	1905	1	0	22.55	4.48	27.03	<=33.01	Pass
			25	22.56	4.48	27.04	<=33.01	Pass
			49	22.46	4.48	26.94	<=33.01	Pass
	25		0	21.43	4.48	25.91	<=33.01	Pass
			13	21.43	4.48	25.91	<=33.01	Pass
			25	21.50	4.48	25.98	<=33.01	Pass
	50		0	21.40	4.48	25.88	<=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	23.33	4.48	27.81	<=33.01	Pass
			38	23.31	4.48	27.79	<=33.01	Pass
			74	23.25	4.48	27.73	<=33.01	Pass
		36	0	22.38	4.48	26.86	<=33.01	Pass
			18	22.43	4.48	26.91	<=33.01	Pass
			39	22.38	4.48	26.86	<=33.01	Pass
		75	0	22.4	4.48	26.88	<=33.01	Pass
	1880	1	0	23.45	4.48	27.93	<=33.01	Pass
			38	23.48	4.48	27.96	<=33.01	Pass
			74	23.37	4.48	27.85	<=33.01	Pass
		36	0	22.47	4.48	26.95	<=33.01	Pass
			18	22.43	4.48	26.91	<=33.01	Pass
			39	22.43	4.48	26.91	<=33.01	Pass
		75	0	22.39	4.48	26.87	<=33.01	Pass
	1902.5	1	0	23.26	4.48	27.74	<=33.01	Pass
			38	23.23	4.48	27.71	<=33.01	Pass
			74	23.26	4.48	27.74	<=33.01	Pass
		36	0	22.26	4.48	26.74	<=33.01	Pass
			18	22.31	4.48	26.79	<=33.01	Pass
			39	22.31	4.48	26.79	<=33.01	Pass
		75	0	22.32	4.48	26.80	<=33.01	Pass
16QAM	1857.5	1	0	22.55	4.48	27.03	<=33.01	Pass



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			38	22.54	4.48	27.02	<=33.01	Pass
			74	22.56	4.48	27.04	<=33.01	Pass
		36	0	21.35	4.48	25.83	<=33.01	Pass
			18	21.41	4.48	25.89	<=33.01	Pass
			39	21.38	4.48	25.86	<=33.01	Pass
		75	0	21.42	4.48	25.90	<=33.01	Pass
	1880	1	0	22.58	4.48	27.06	<=33.01	Pass
			38	22.69	4.48	27.17	<=33.01	Pass
			74	22.55	4.48	27.03	<=33.01	Pass
		36	0	21.47	4.48	25.95	<=33.01	Pass
			18	21.46	4.48	25.94	<=33.01	Pass
			39	21.45	4.48	25.93	<=33.01	Pass
	75	0	21.42	4.48	25.90	<=33.01	Pass	
	1902.5	1	0	22.45	4.48	26.93	<=33.01	Pass
			38	22.43	4.48	26.91	<=33.01	Pass
			74	22.35	4.48	26.83	<=33.01	Pass
		36	0	21.25	4.48	25.73	<=33.01	Pass
			18	21.33	4.48	25.81	<=33.01	Pass
			39	21.33	4.48	25.81	<=33.01	Pass
	75	0	21.3	4.48	25.78	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.44	4.48	27.92	<=33.01	Pass
			50	23.33	4.48	27.81	<=33.01	Pass
			99	23.3	4.48	27.78	<=33.01	Pass
		50	0	22.36	4.48	26.84	<=33.01	Pass
			25	22.41	4.48	26.89	<=33.01	Pass
			50	22.39	4.48	26.87	<=33.01	Pass
		100	0	22.4	4.48	26.88	<=33.01	Pass
	1880	1	0	23.4	4.48	27.88	<=33.01	Pass
			50	23.37	4.48	27.85	<=33.01	Pass
			99	23.27	4.48	27.75	<=33.01	Pass
		50	0	22.49	4.48	26.97	<=33.01	Pass



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		100	25	22.42	4.48	26.90	<=33.01	Pass
			50	22.44	4.48	26.92	<=33.01	Pass
			0	22.41	4.48	26.89	<=33.01	Pass
	1900	1	0	23.31	4.48	27.79	<=33.01	Pass
			50	23.25	4.48	27.73	<=33.01	Pass
			99	23.24	4.48	27.72	<=33.01	Pass
		50	0	22.29	4.48	26.77	<=33.01	Pass
			25	22.26	4.48	26.74	<=33.01	Pass
			50	22.31	4.48	26.79	<=33.01	Pass
		100	0	22.27	4.48	26.75	<=33.01	Pass
16QAM	1860	1	0	22.53	4.48	27.01	<=33.01	Pass
			50	22.61	4.48	27.09	<=33.01	Pass
			99	22.48	4.48	26.96	<=33.01	Pass
		50	0	21.36	4.48	25.84	<=33.01	Pass
			25	21.41	4.48	25.89	<=33.01	Pass
			50	21.37	4.48	25.85	<=33.01	Pass
		100	0	21.4	4.48	25.88	<=33.01	Pass
	1880	1	0	22.49	4.48	26.97	<=33.01	Pass
			50	22.56	4.48	27.04	<=33.01	Pass
			99	22.34	4.48	26.82	<=33.01	Pass
		50	0	21.48	4.48	25.96	<=33.01	Pass
			25	21.45	4.48	25.93	<=33.01	Pass
			50	21.41	4.48	25.89	<=33.01	Pass
		100	0	21.41	4.48	25.89	<=33.01	Pass
	1900	1	0	22.57	4.48	27.05	<=33.01	Pass
			50	22.46	4.48	26.94	<=33.01	Pass
			99	22.46	4.48	26.94	<=33.01	Pass
		50	0	21.31	4.48	25.79	<=33.01	Pass
			25	21.26	4.48	25.74	<=33.01	Pass
			50	21.33	4.48	25.81	<=33.01	Pass
		100	0	21.28	4.48	25.76	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result



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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	-6.580	-0.0036	-2.5 to 2.5	Pass
					3.85	-9.928	-0.0054	-2.5 to 2.5	Pass
					4.43	-11.201	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-17.438	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-22.388	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-22.602	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-17.738	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-12.074	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.848	-0.0021	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-0.429	-0.0002	-2.5 to 2.5	Pass
					3.85	0.615	0.0003	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-12.946	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-17.338	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-22.373	-0.0119	-2.5 to 2.5	Pass
				50	3.85	-21.100	-0.0112	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	4.735	0.0025	-2.5 to 2.5	Pass
					3.85	7.238	0.0038	-2.5 to 2.5	Pass
					4.43	9.127	0.0048	-2.5 to 2.5	Pass
				-30	3.85	12.960	0.0068	-2.5 to 2.5	Pass
				-20	3.85	14.577	0.0076	-2.5 to 2.5	Pass
				-10	3.85	15.078	0.0079	-2.5 to 2.5	Pass
				0	3.85	11.587	0.0061	-2.5 to 2.5	Pass
				10	3.85	10.643	0.0056	-2.5 to 2.5	Pass
				30	3.85	7.911	0.0041	-2.5 to 2.5	Pass
				40	3.85	7.110	0.0037	-2.5 to 2.5	Pass
				50	3.85	5.980	0.0031	-2.5 to 2.5	Pass



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16QAM	1850.7	6	0	20	3.27	-1.345	-0.0007	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	0.243	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0001	-2.5 to 2.5	Pass
	1880	6	0	50	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				20	3.27	-13.433	-0.0071	-2.5 to 2.5	Pass
					3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
					4.43	-5.093	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1909.3	6	0	40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				20	3.27	3.905	0.0020	-2.5 to 2.5	Pass
					3.85	4.249	0.0022	-2.5 to 2.5	Pass
					4.43	3.676	0.0019	-2.5 to 2.5	Pass
				-30	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				-20	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	3.076	0.0016	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0003	-2.5 to 2.5	Pass

2.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict



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	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	1851.5	15	0	20	3.27	-2.546	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0007	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	0.587	0.0003	-2.5 to 2.5	Pass
					4.43	0.401	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.343	0.0002	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	1.287	0.0007	-2.5 to 2.5	Pass
					3.85	0.758	0.0004	-2.5 to 2.5	Pass
					4.43	0.601	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	0.629	0.0003	-2.5 to 2.5	Pass
					3.85	2.046	0.0011	-2.5 to 2.5	Pass
					4.43	1.302	0.0007	-2.5 to 2.5	Pass



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				-30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				50	3.85	1.659	0.0009	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	0.129	0.0001	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
					4.43	0.172	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.674	0.0009	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	0.386	0.0002	-2.5 to 2.5	Pass
					3.85	1.316	0.0007	-2.5 to 2.5	Pass
					4.43	1.316	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.346	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.615	0.0003	-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	-1.702	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0008	-2.5 to 2.5	Pass



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					4.43	-2.089	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-1.531	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
					4.43	0.644	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-1.531	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-2.017	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass



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				0	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-0.601	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-1.488	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.787	-0.0004	-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	-0.601	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.772	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass



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				-10	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-1.731	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-1.945	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.030	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass



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	1880	50	0	40	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-1.187	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-2.589	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.119	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.017	-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	-1.044	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass



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				30	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-0.458	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.616	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-0.873	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.588	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-1.273	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-0.544	-0.0003	-2.5 to 2.5	Pass



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					3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.030	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.731	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0008	-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	-1.144	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.389	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass



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	1880	100	0	20	3.27	-0.844	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.001	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
	1900	100	0	50	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-1.888	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.130	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
16QAM	1860	100	0	40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				20	3.27	-2.646	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.888	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
	1880	100	0	30	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				20	3.27	-2.418	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass



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				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	1.130	/	Pass
		1880	6	0	1.119	/	Pass
		1909.3	6	0	1.119	/	Pass
	16QAM	1850.7	6	0	1.116	/	Pass
		1880	6	0	1.132	/	Pass
		1909.3	6	0	1.116	/	Pass
3	QPSK	1851.5	15	0	2.768	/	Pass
		1880	15	0	2.752	/	Pass
		1908.5	15	0	2.746	/	Pass



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	16QAM	1851.5	15	0	2.756	/	Pass
		1880	15	0	2.753	/	Pass
		1908.5	15	0	2.753	/	Pass
5	QPSK	1852.5	25	0	4.581	/	Pass
		1880	25	0	4.571	/	Pass
		1907.5	25	0	4.581	/	Pass
	16QAM	1852.5	25	0	4.592	/	Pass
		1880	25	0	4.581	/	Pass
		1907.5	25	0	4.575	/	Pass
10	QPSK	1855	50	0	9.098	/	Pass
		1880	50	0	9.087	/	Pass
		1905	50	0	9.093	/	Pass
	16QAM	1855	50	0	9.103	/	Pass
		1880	50	0	9.098	/	Pass
		1905	50	0	9.122	/	Pass
15	QPSK	1857.5	75	0	13.654	/	Pass
		1880	75	0	13.615	/	Pass
		1902.5	75	0	13.603	/	Pass
	16QAM	1857.5	75	0	13.622	/	Pass
		1880	75	0	13.620	/	Pass
		1902.5	75	0	13.608	/	Pass
20	QPSK	1860	100	0	18.149	/	Pass
		1880	100	0	18.110	/	Pass
		1900	100	0	18.148	/	Pass
	16QAM	1860	100	0	18.158	/	Pass
		1880	100	0	18.121	/	Pass
		1900	100	0	18.152	/	Pass

3.1.2 Band2_XDB

Band: 2 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.377	/	Pass
		1880	6	0	1.416	/	Pass
		1909.3	6	0	1.426	/	Pass
	16QAM	1850.7	6	0	1.371	/	Pass
		1880	6	0	1.416	/	Pass



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		1909.3	6	0	1.421	/	Pass
3	QPSK	1851.5	15	0	3.157	/	Pass
		1880	15	0	3.159	/	Pass
		1908.5	15	0	3.119	/	Pass
	16QAM	1851.5	15	0	3.104	/	Pass
		1880	15	0	3.125	/	Pass
		1908.5	15	0	3.114	/	Pass
5	QPSK	1852.5	25	0	5.236	/	Pass
		1880	25	0	5.251	/	Pass
		1907.5	25	0	5.239	/	Pass
	16QAM	1852.5	25	0	5.276	/	Pass
		1880	25	0	5.268	/	Pass
		1907.5	25	0	5.231	/	Pass
10	QPSK	1855	50	0	10.346	/	Pass
		1880	50	0	10.193	/	Pass
		1905	50	0	10.230	/	Pass
	16QAM	1855	50	0	10.285	/	Pass
		1880	50	0	10.189	/	Pass
		1905	50	0	10.132	/	Pass
15	QPSK	1857.5	75	0	15.237	/	Pass
		1880	75	0	15.181	/	Pass
		1902.5	75	0	15.240	/	Pass
	16QAM	1857.5	75	0	15.250	/	Pass
		1880	75	0	15.115	/	Pass
		1902.5	75	0	15.219	/	Pass
20	QPSK	1860	100	0	20.207	/	Pass
		1880	100	0	20.230	/	Pass
		1900	100	0	19.950	/	Pass
	16QAM	1860	100	0	20.148	/	Pass
		1880	100	0	20.100	/	Pass
		1900	100	0	20.149	/	Pass



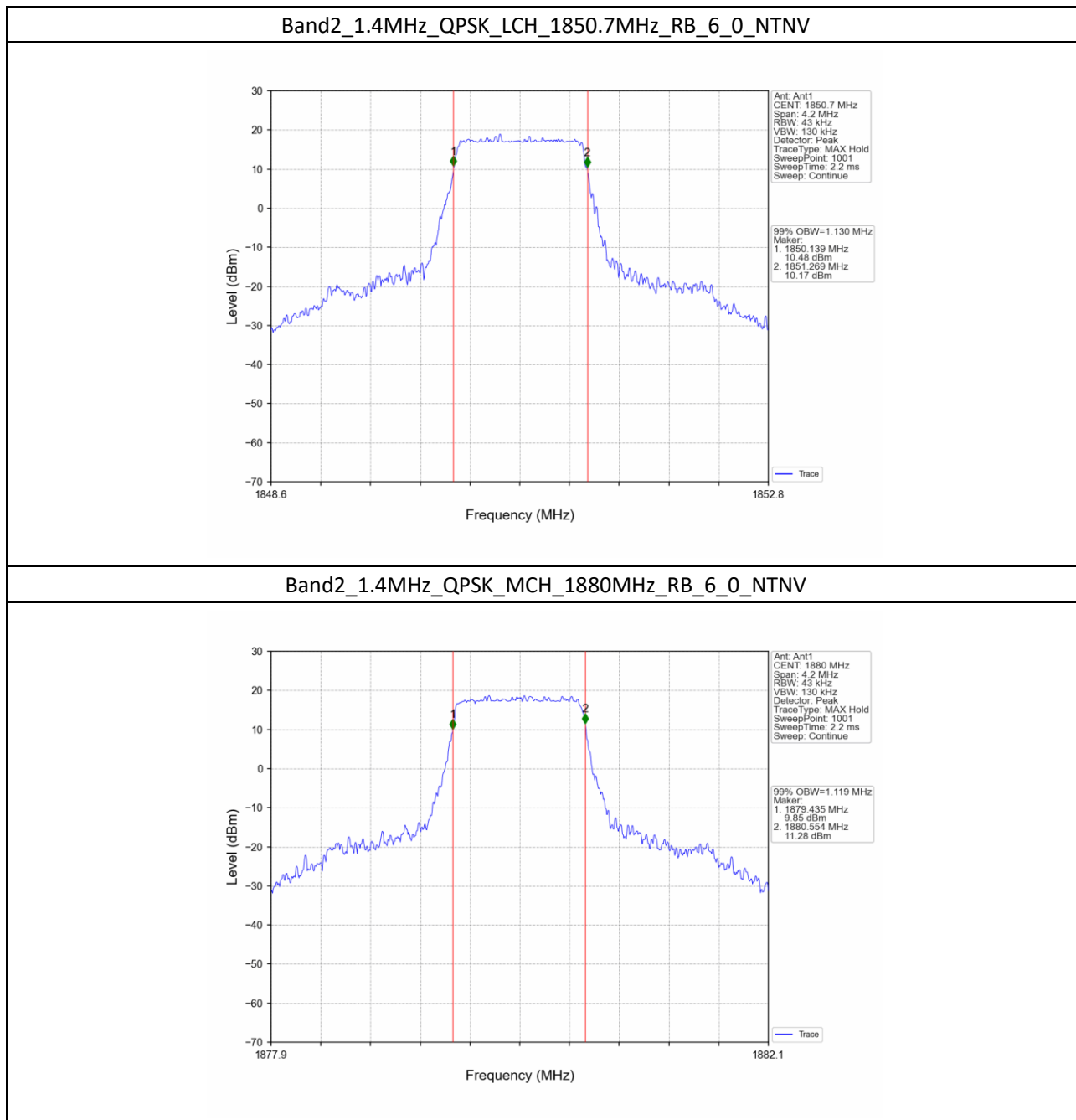
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3.2 Test Graph

3.2.1 Band2_OBW



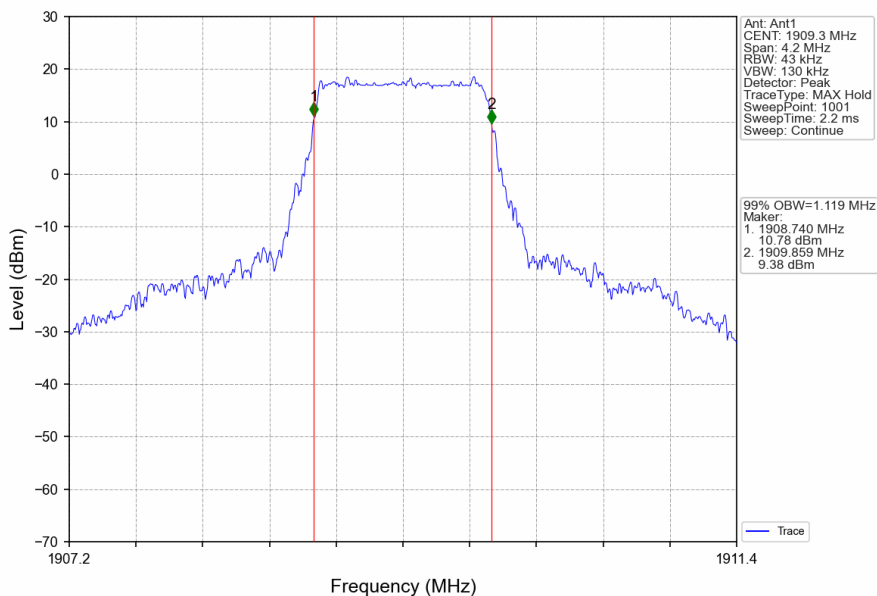
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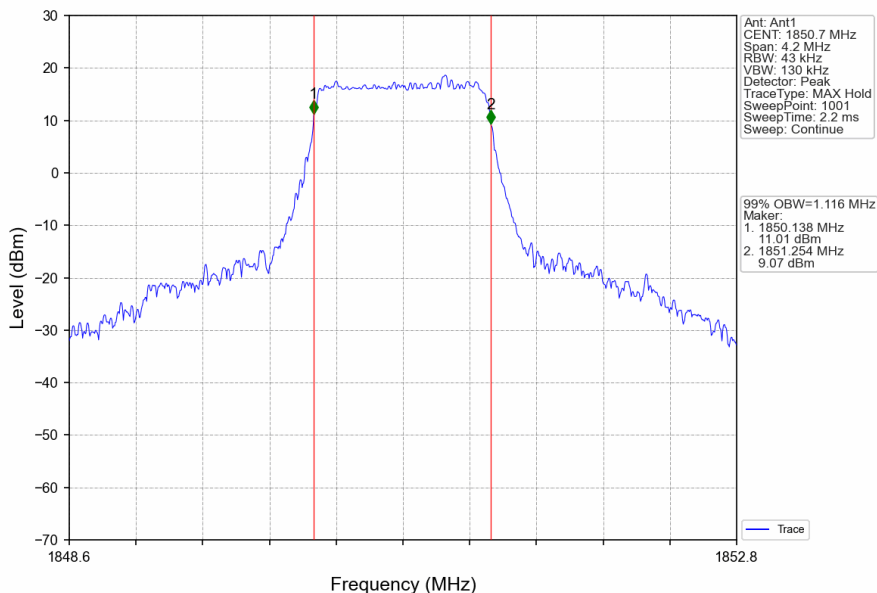
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

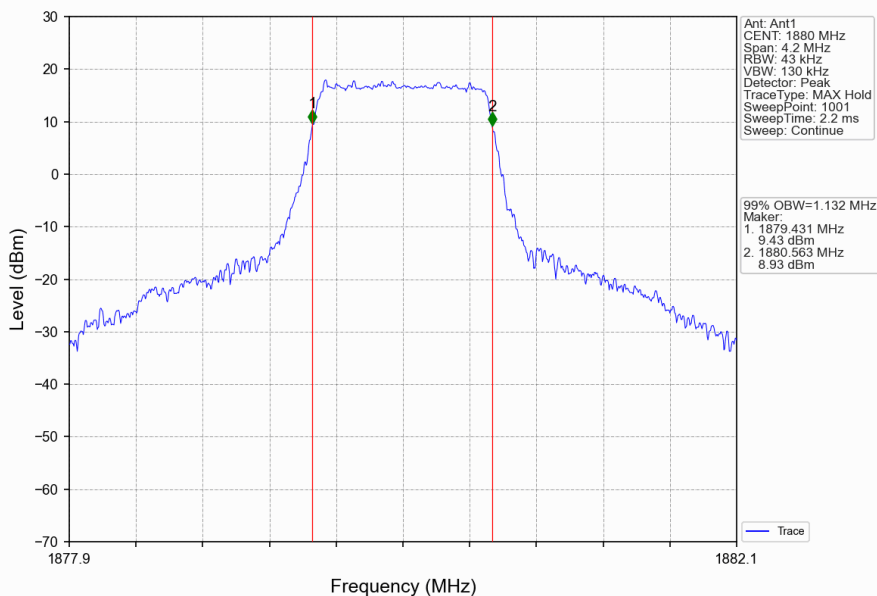


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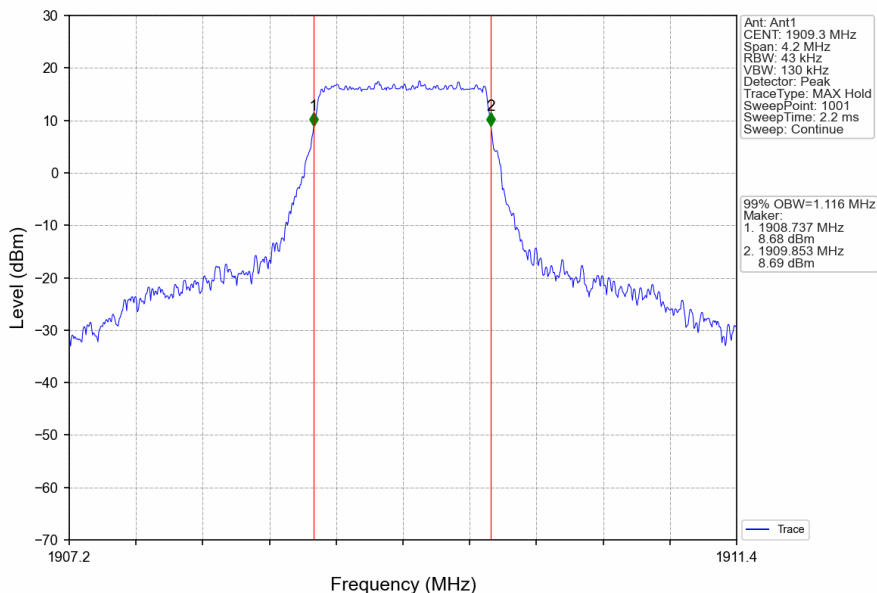
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



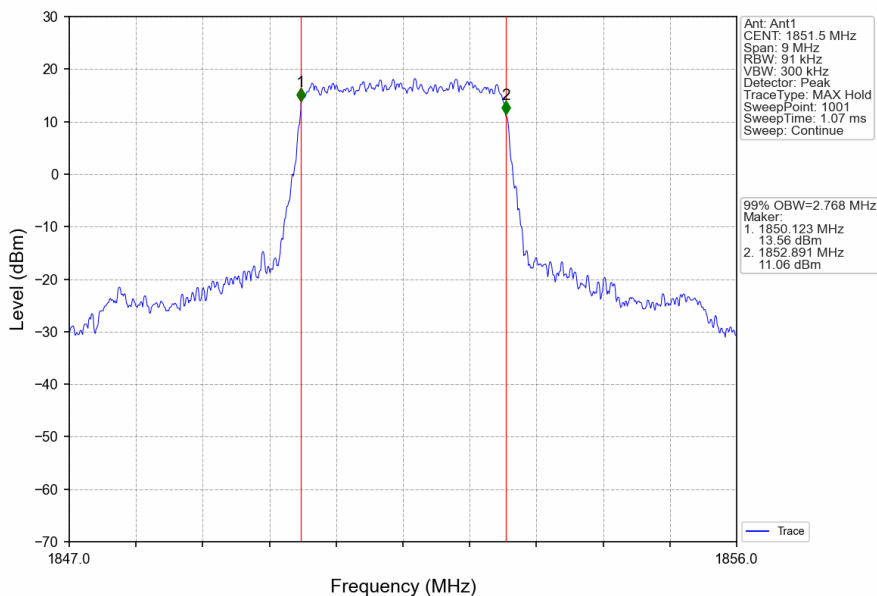
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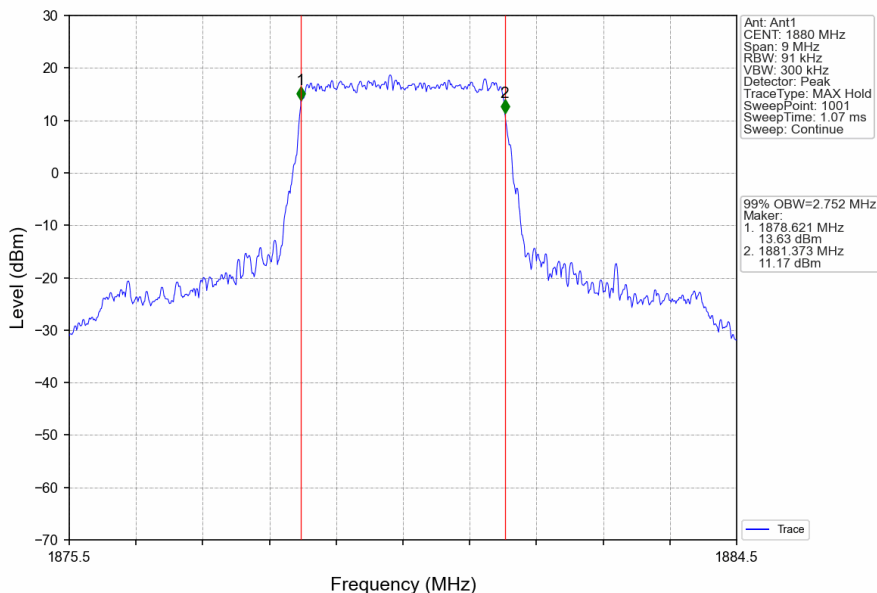
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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

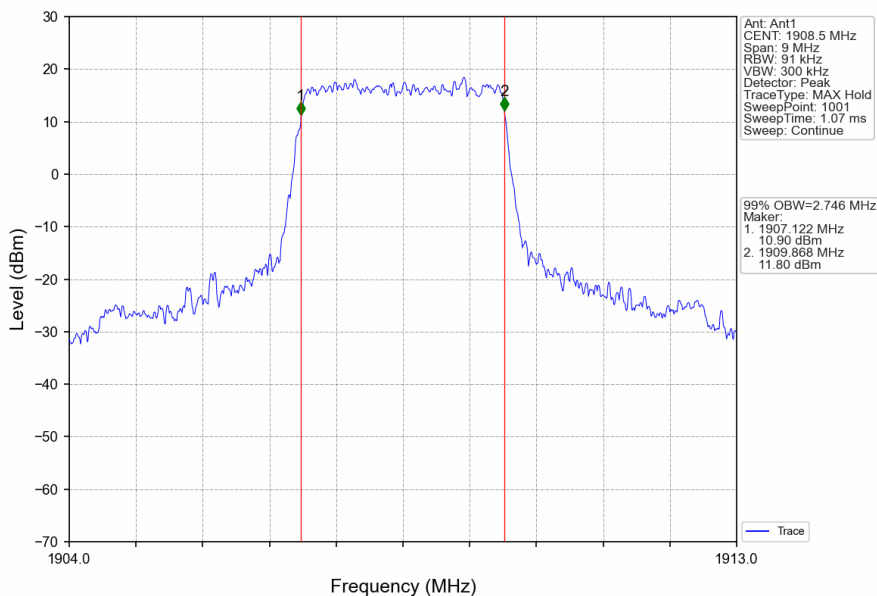


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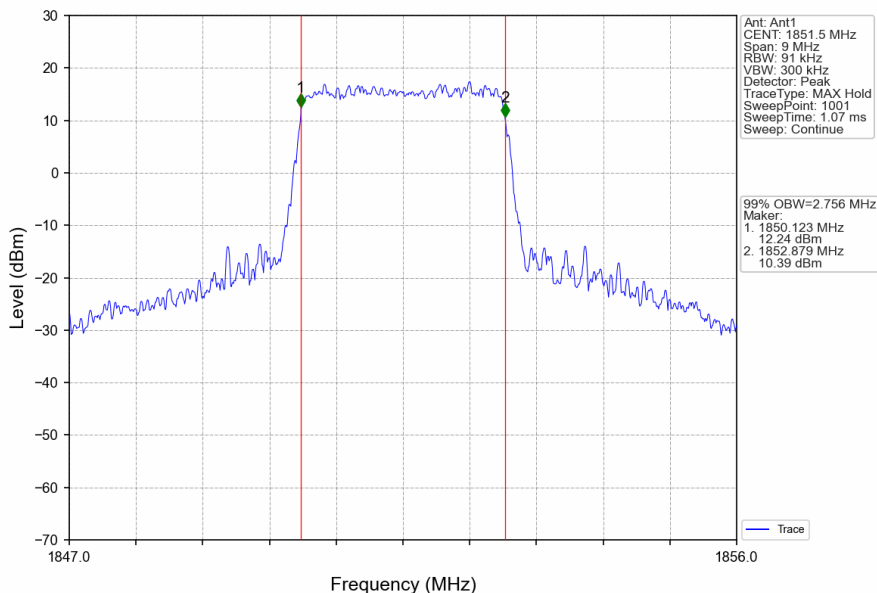
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

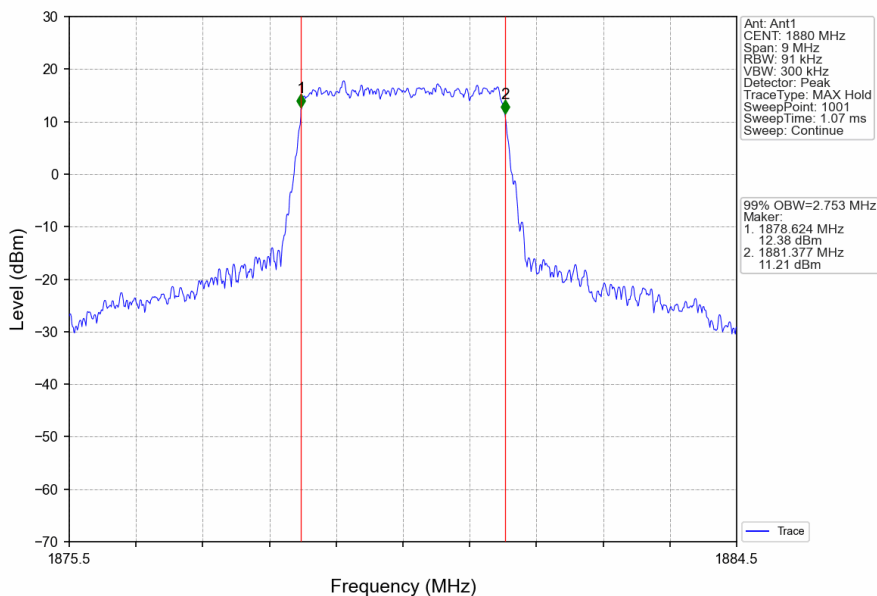


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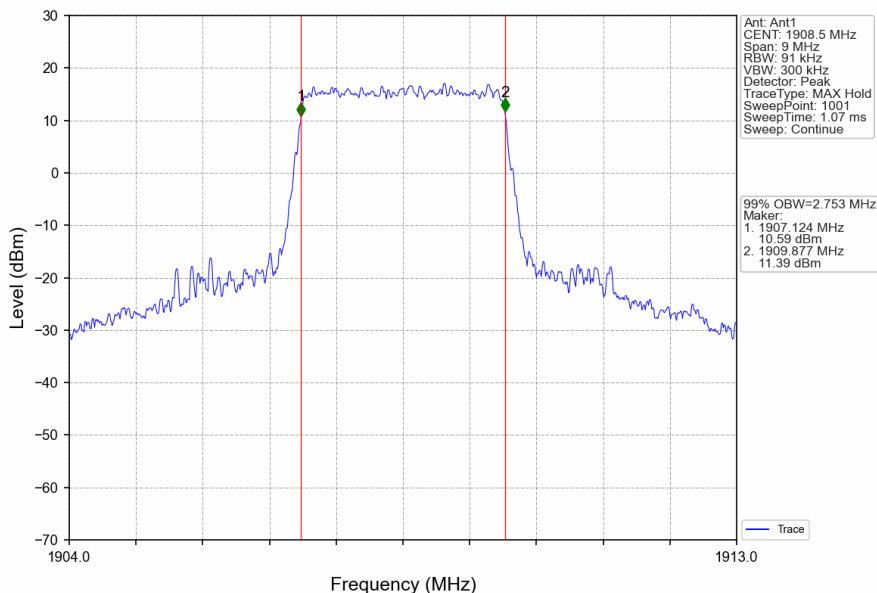
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Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



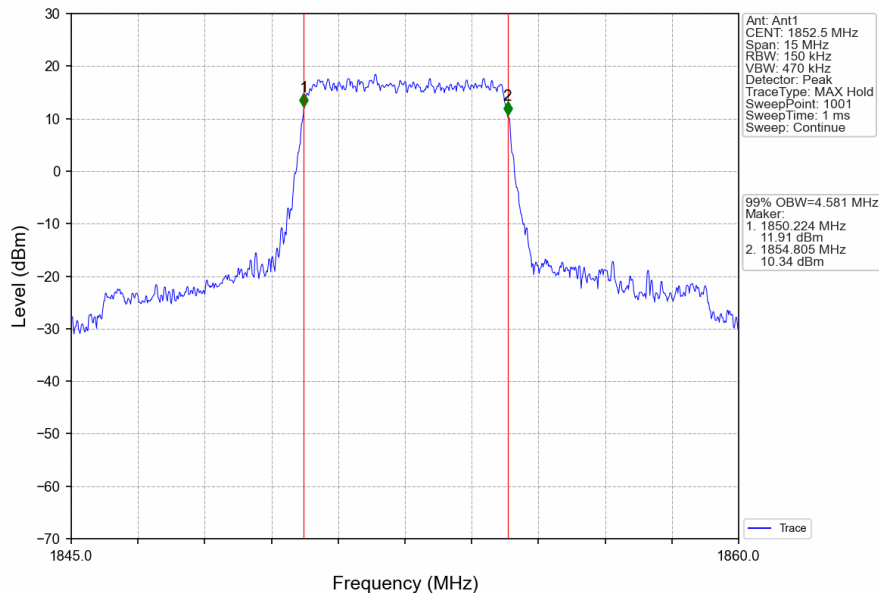
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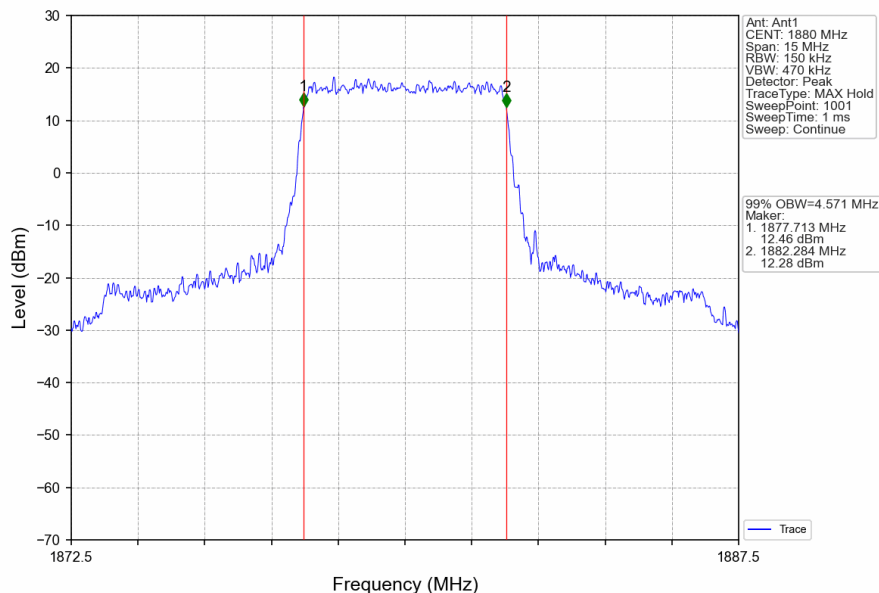
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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



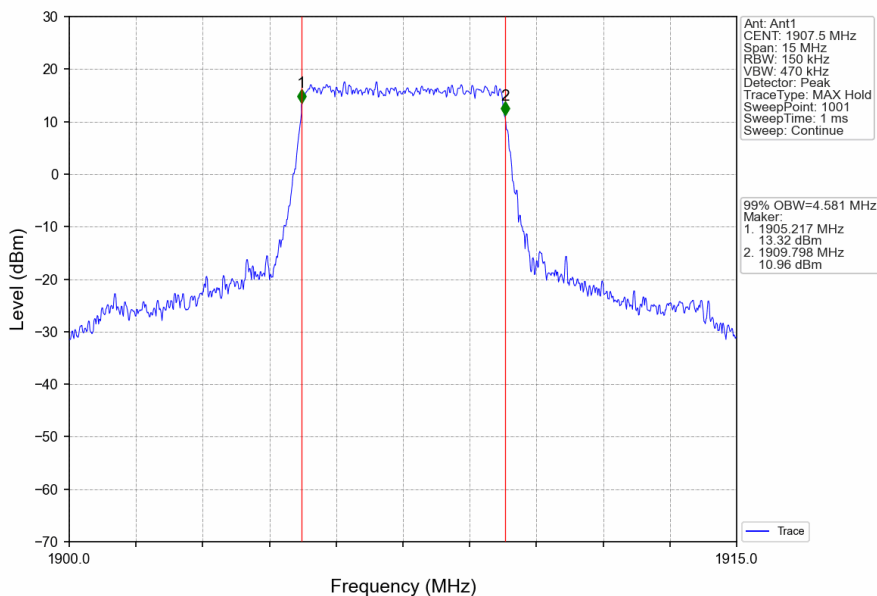
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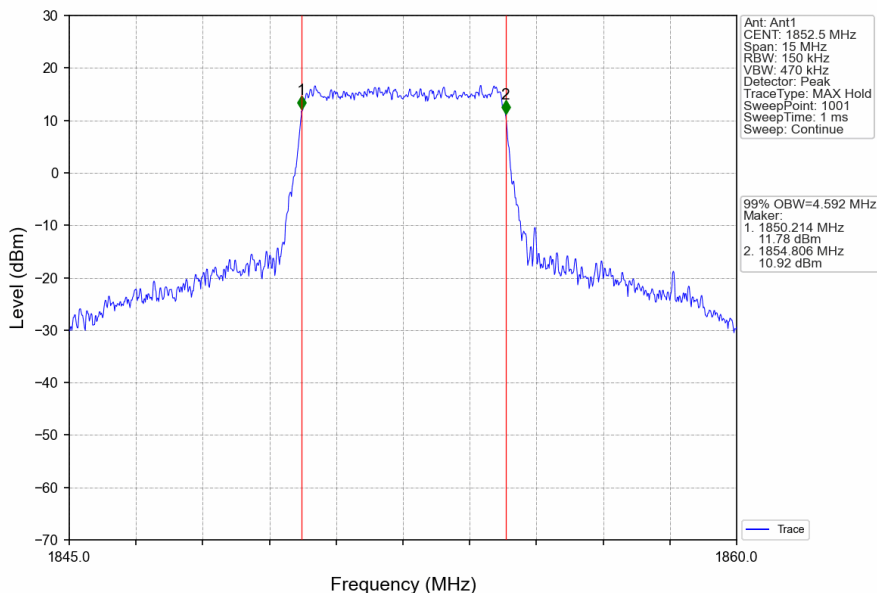
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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

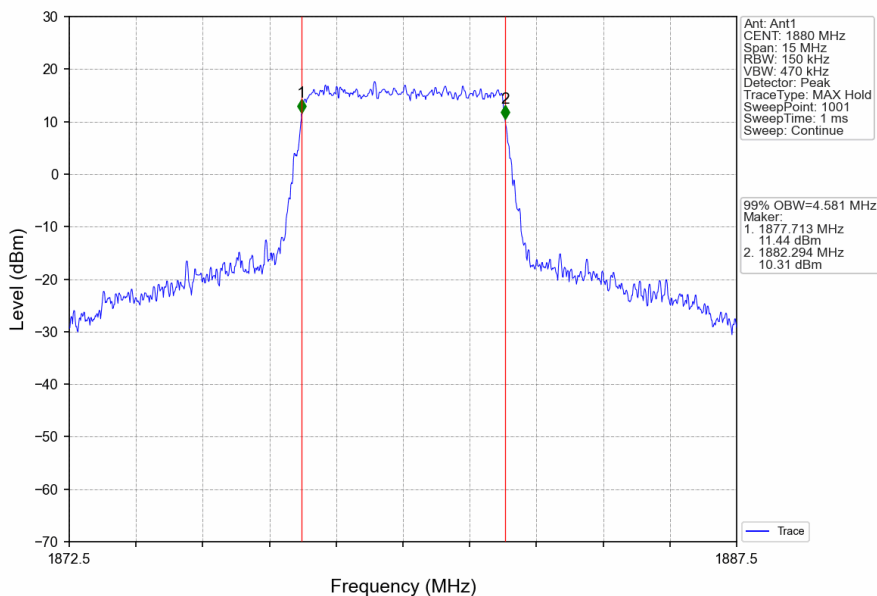


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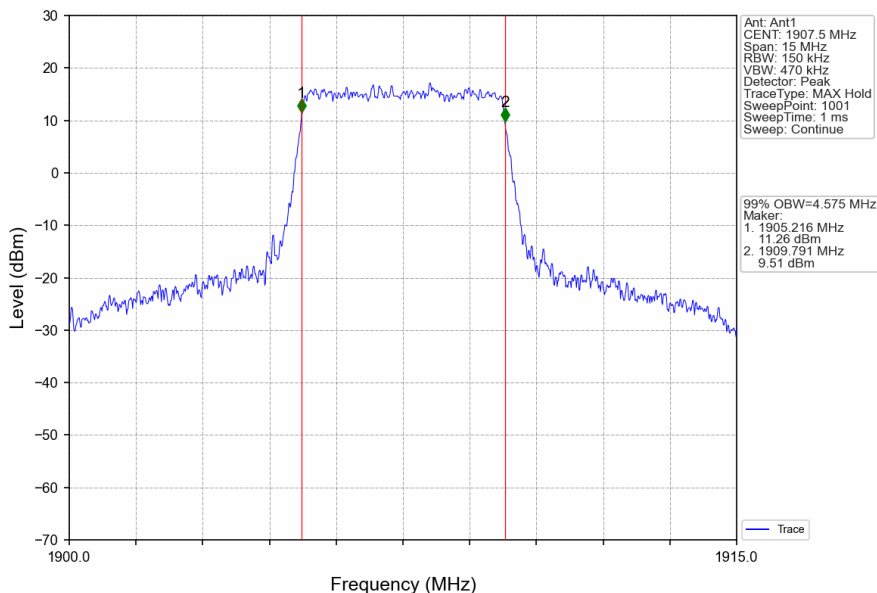
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Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



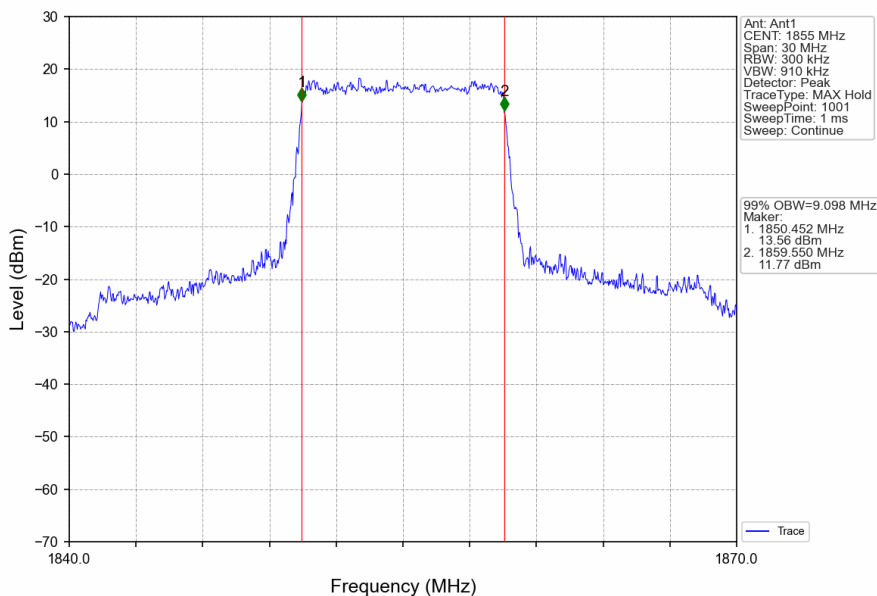
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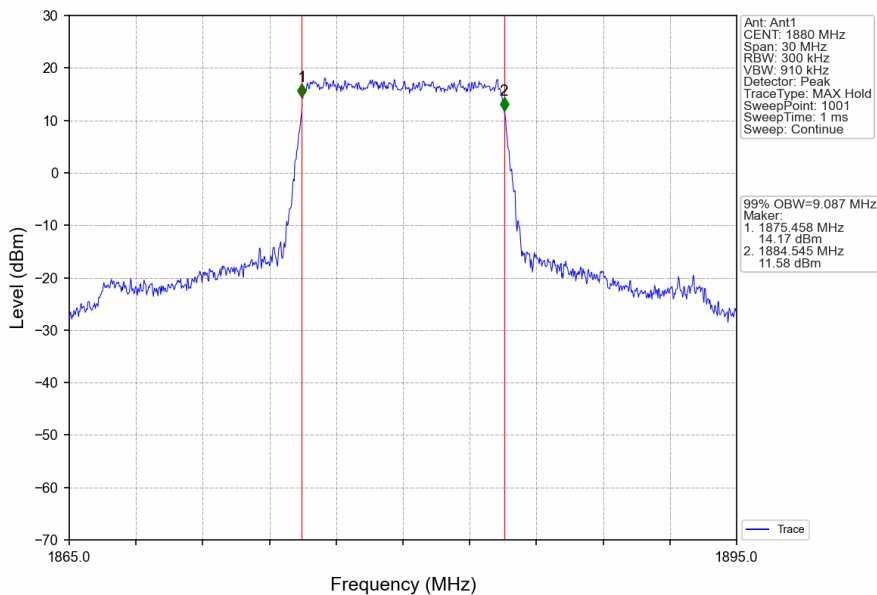
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Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

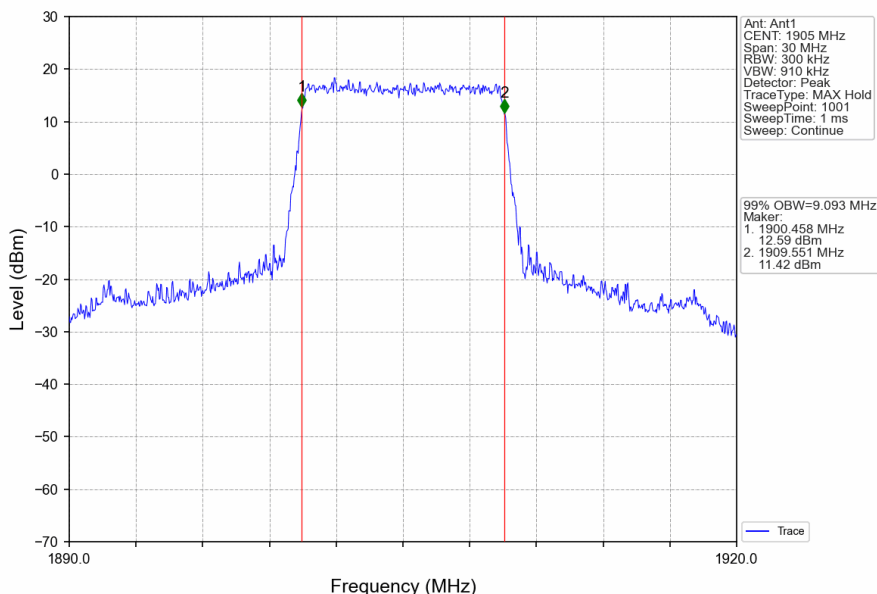


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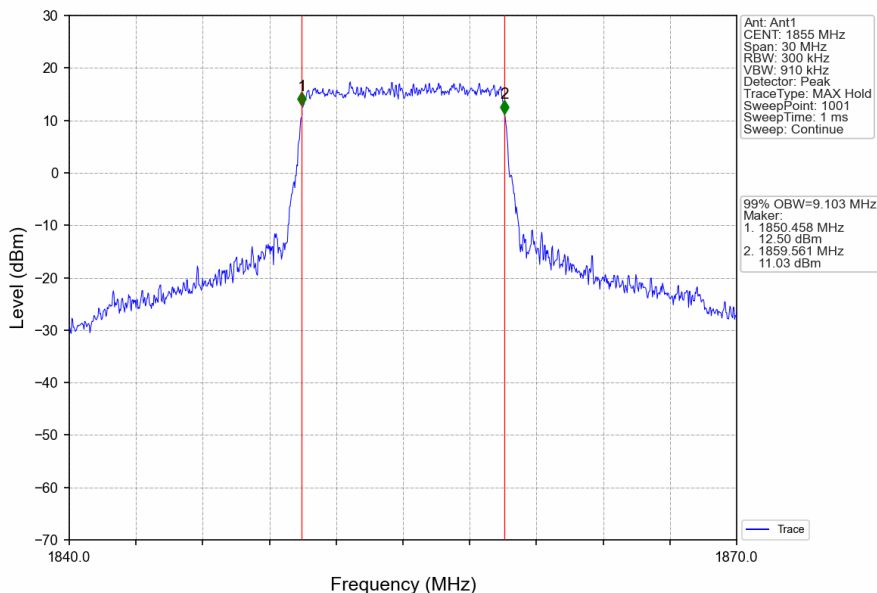
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Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



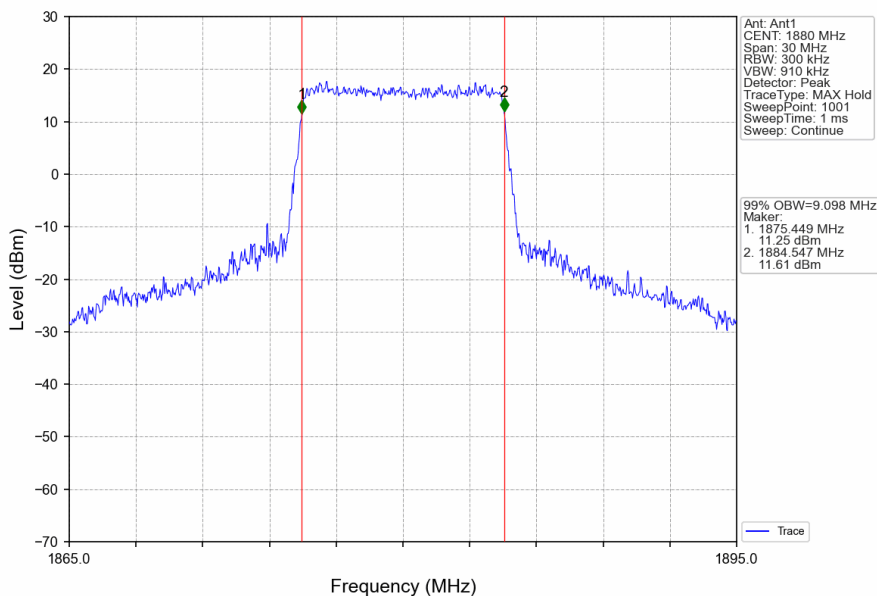
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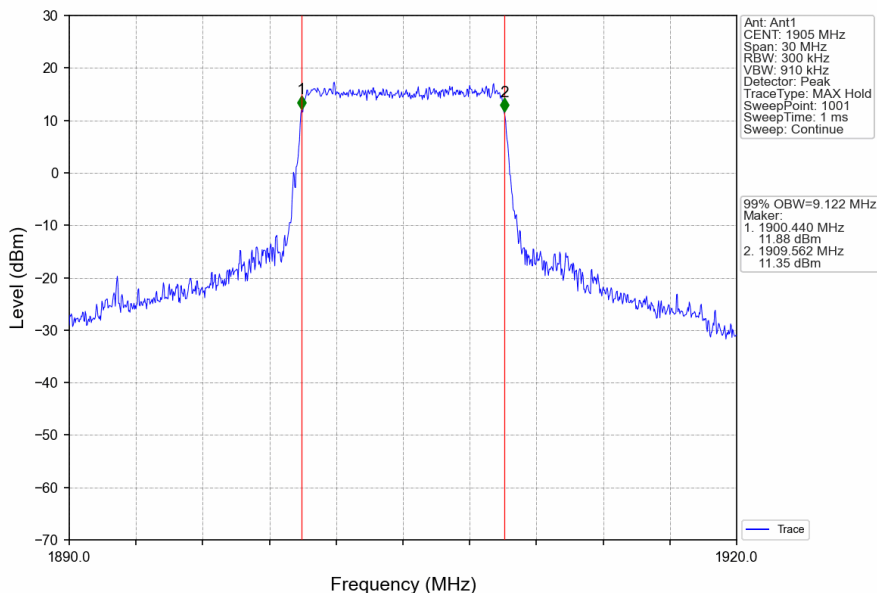
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Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

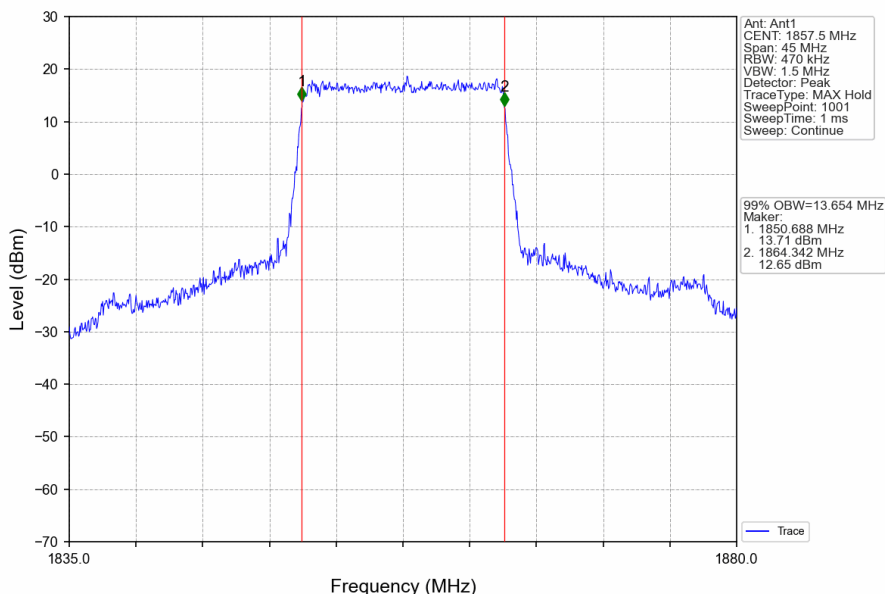


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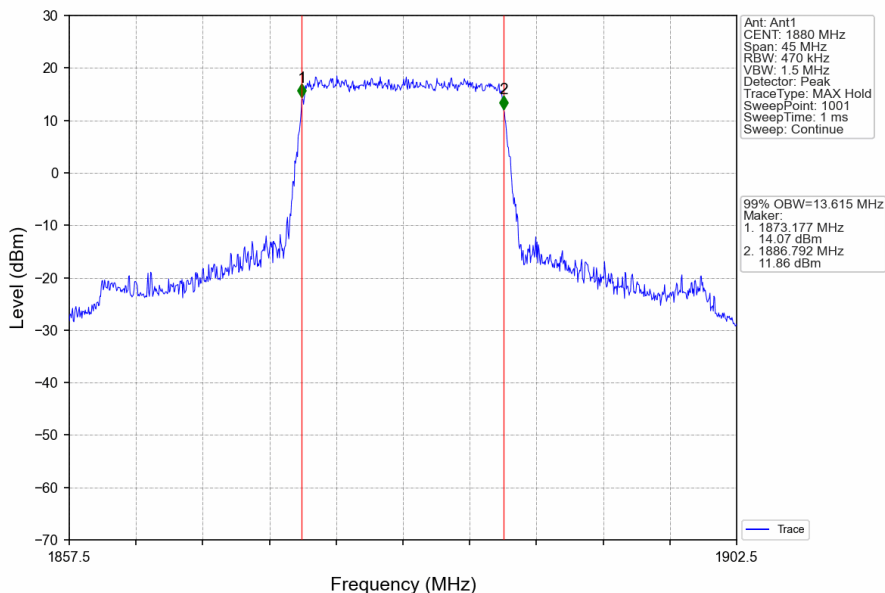
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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

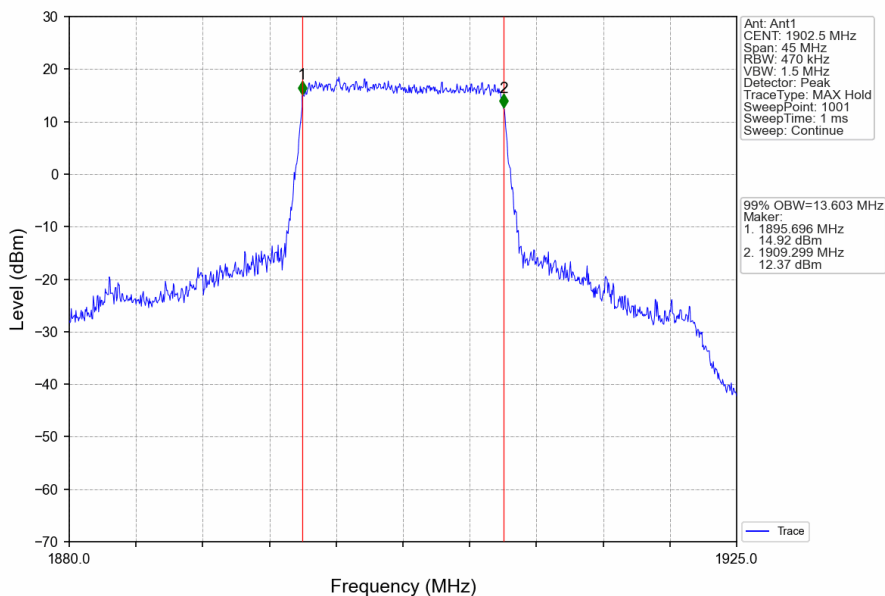


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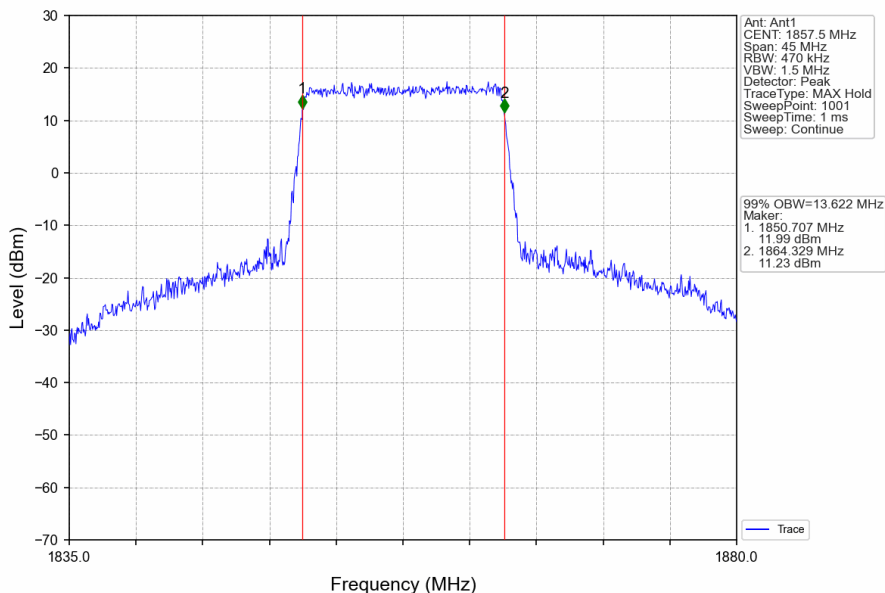
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

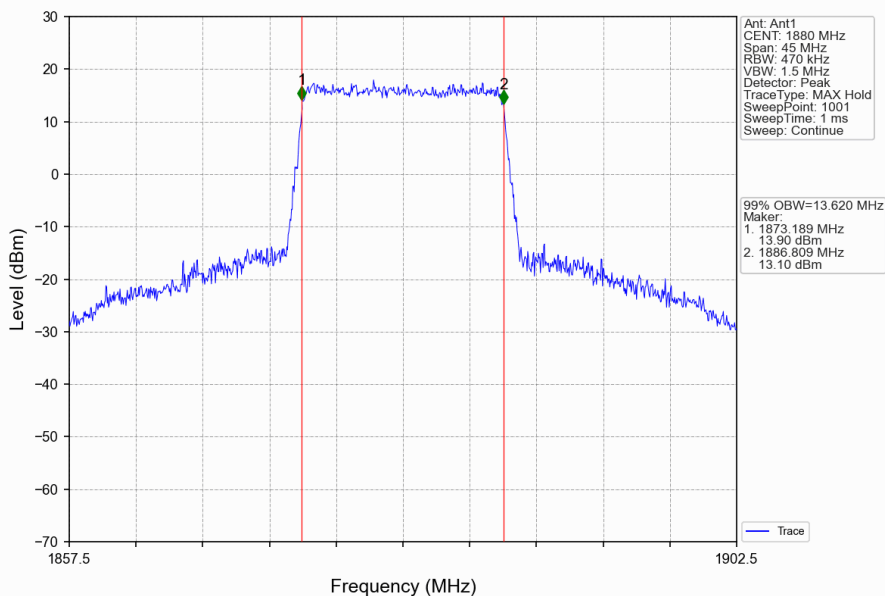


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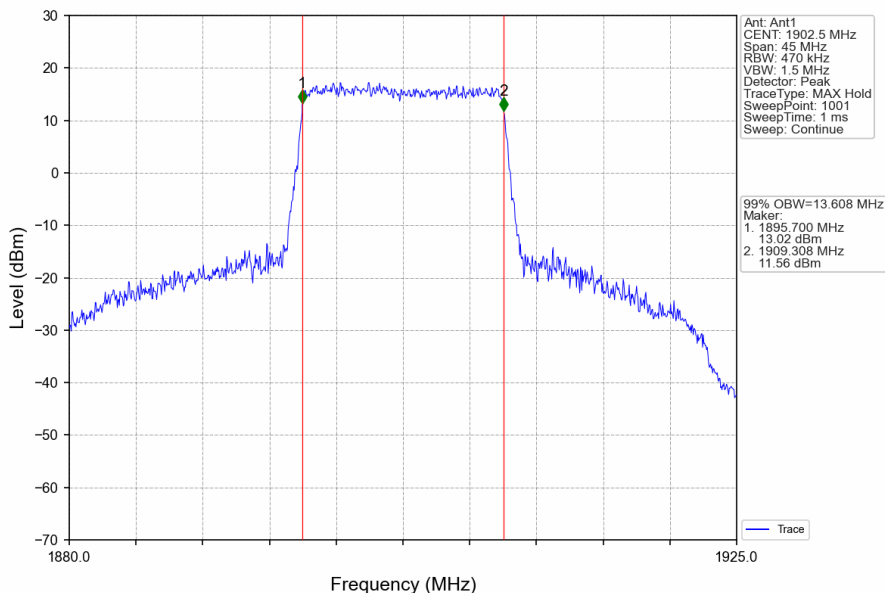
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Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

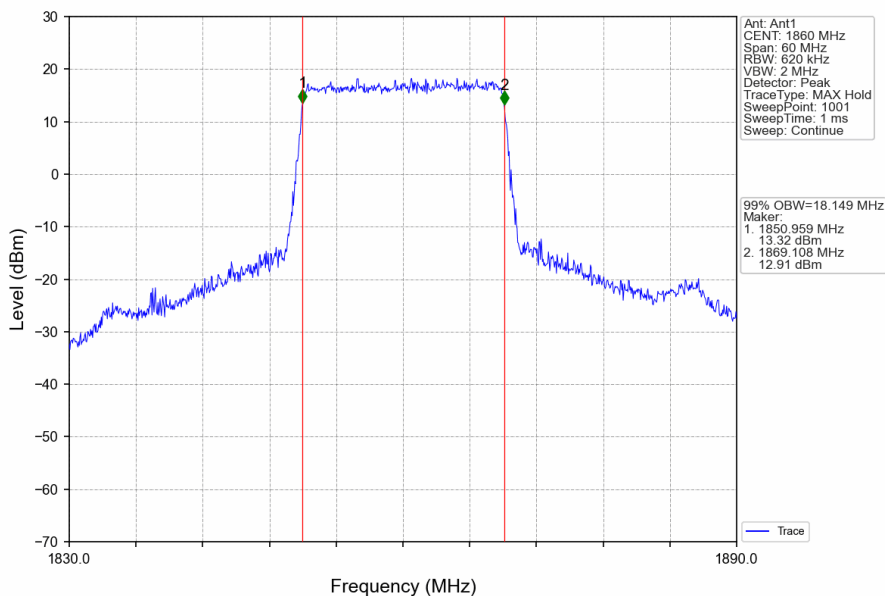


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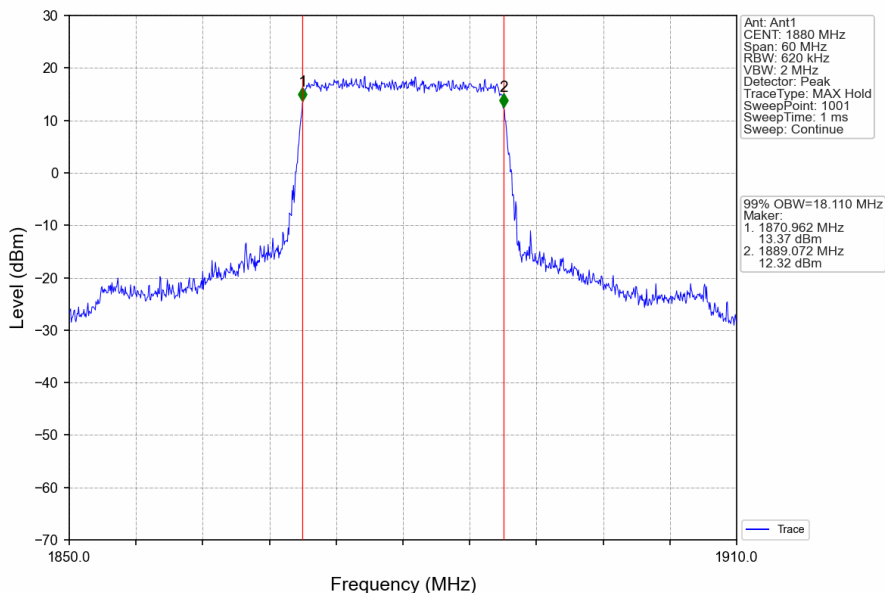
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Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV

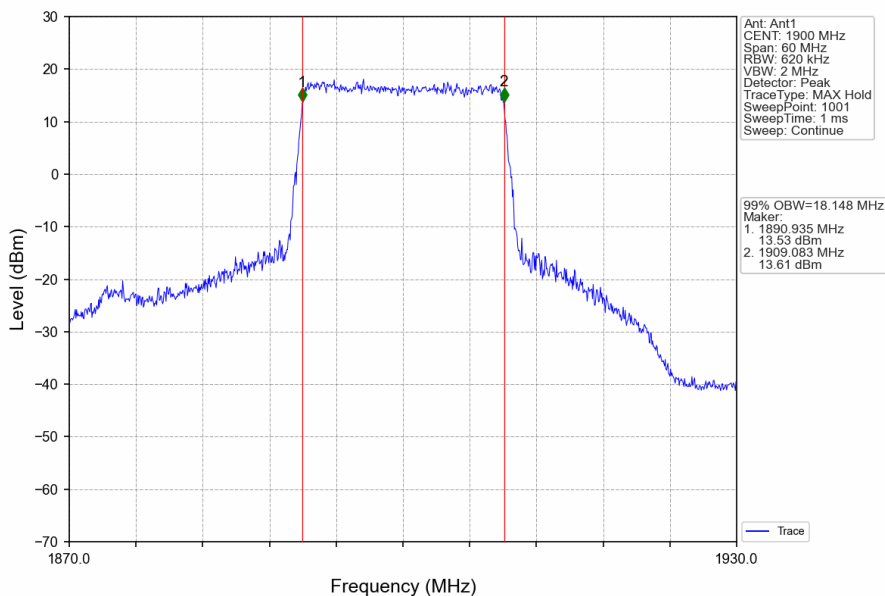


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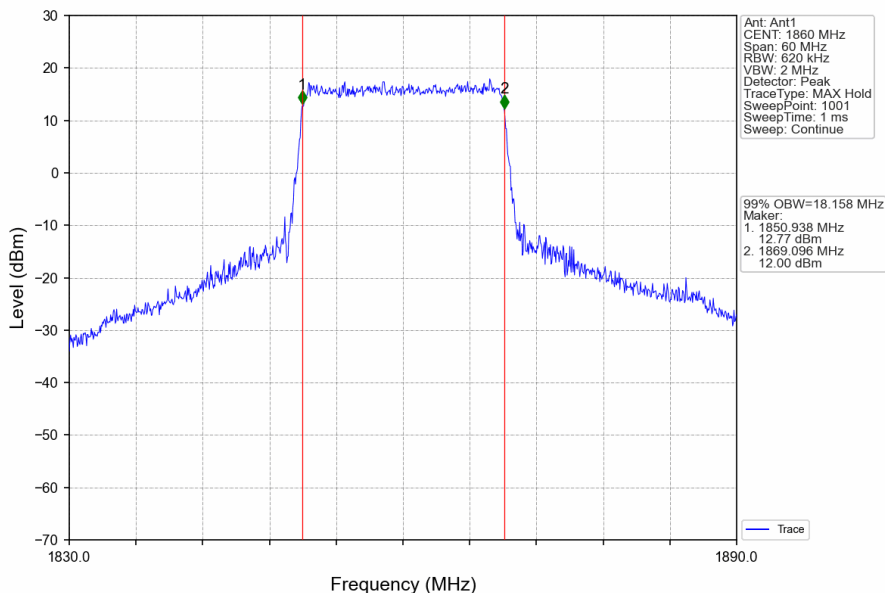
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Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

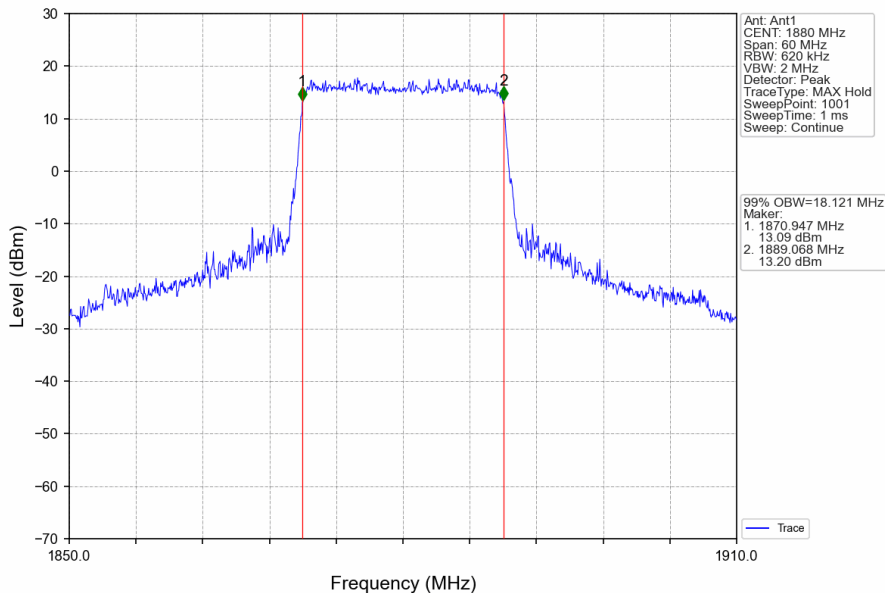


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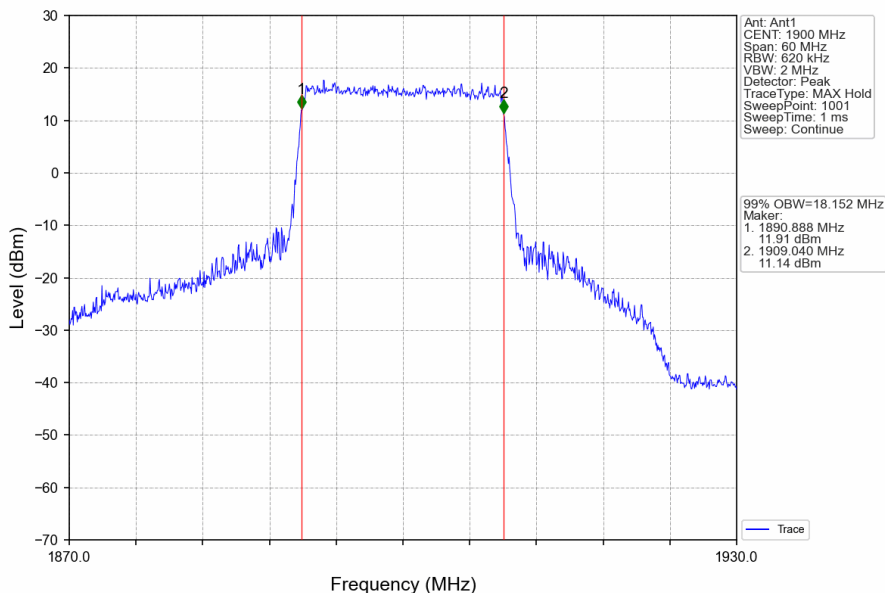
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Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



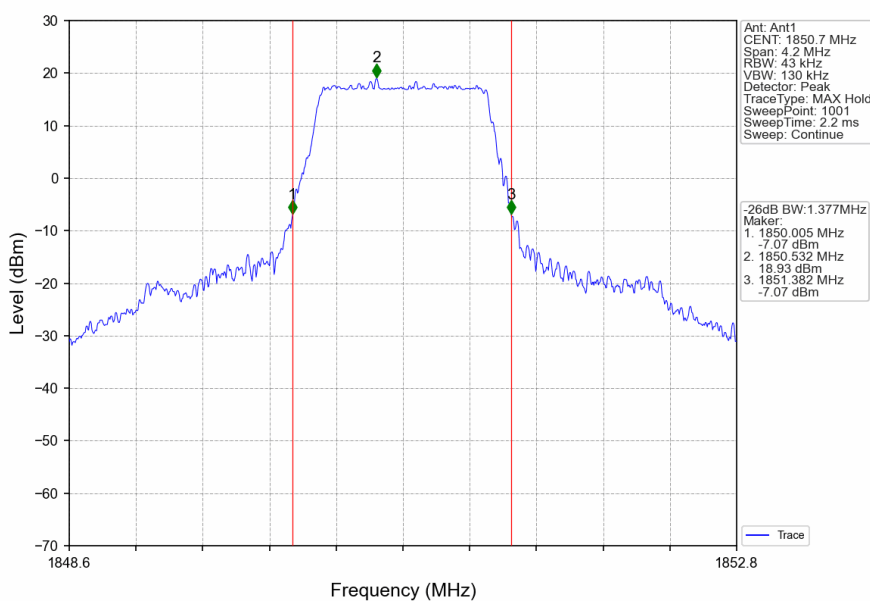
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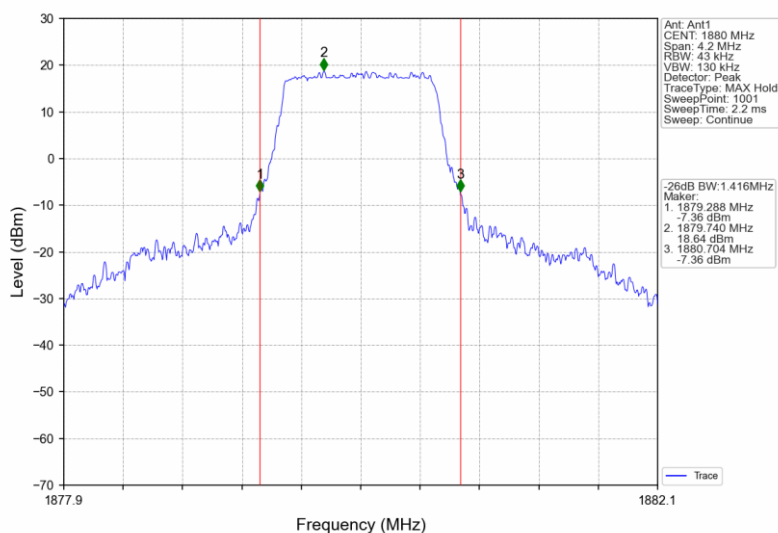
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3.2.2 Band2_XDB

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



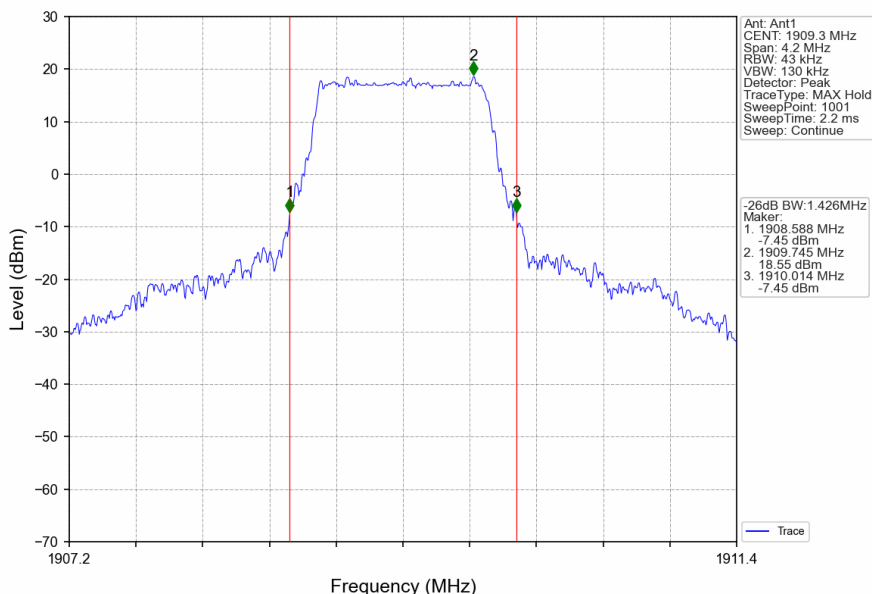
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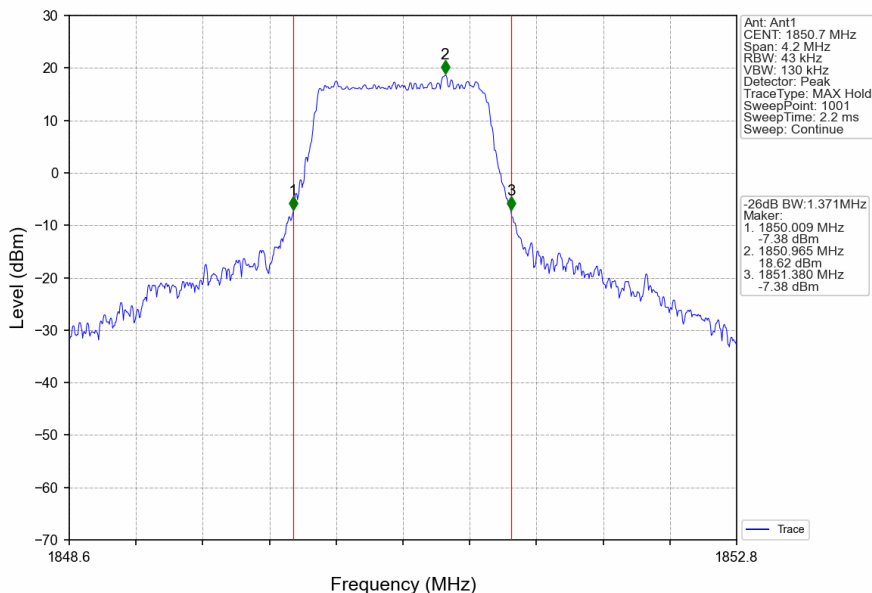
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

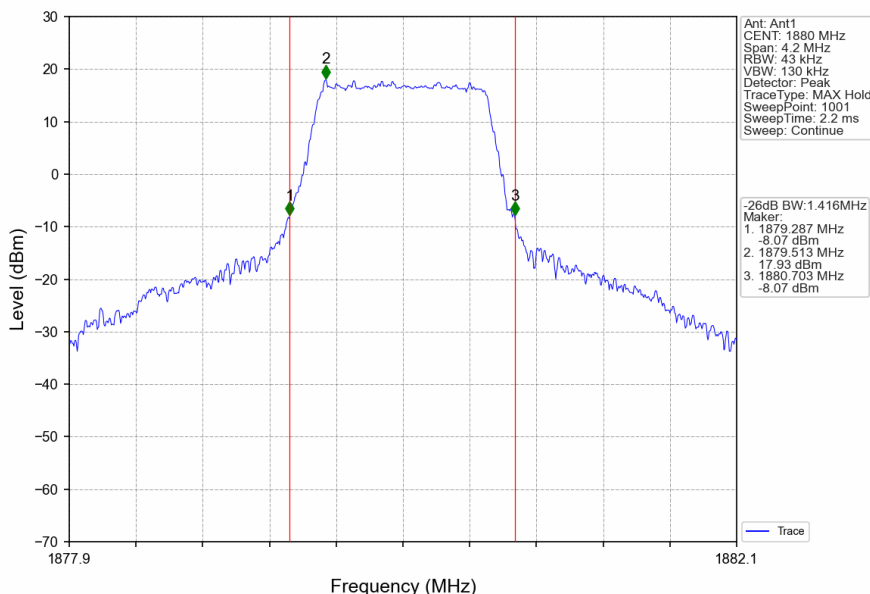


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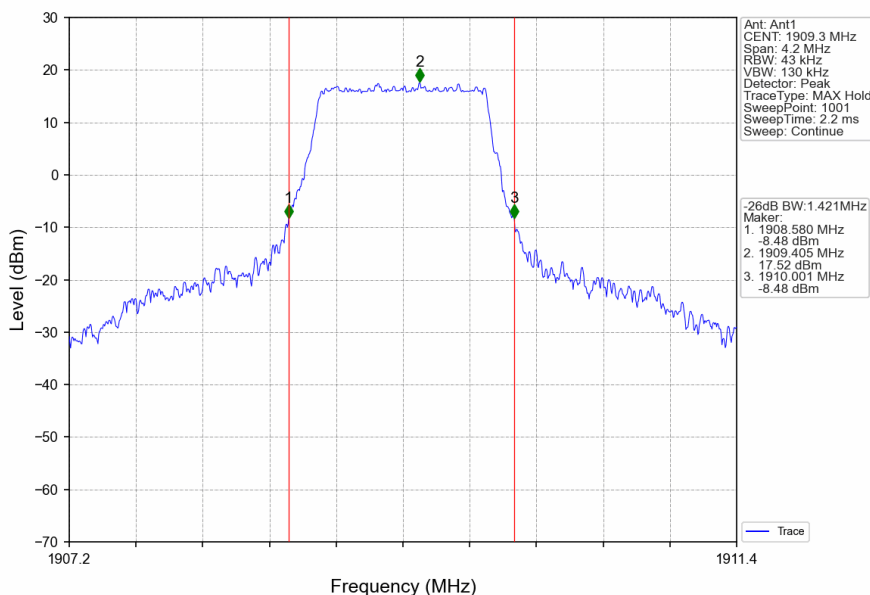
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

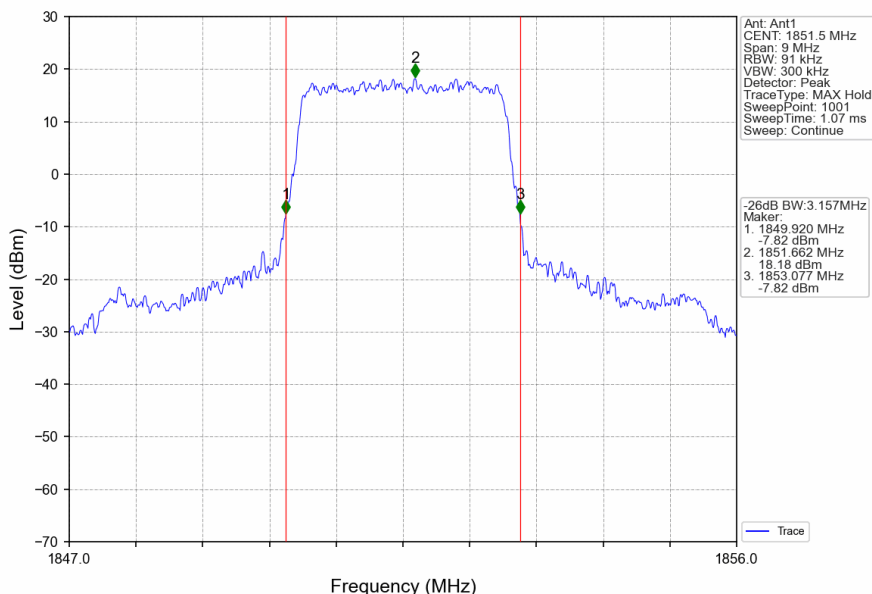


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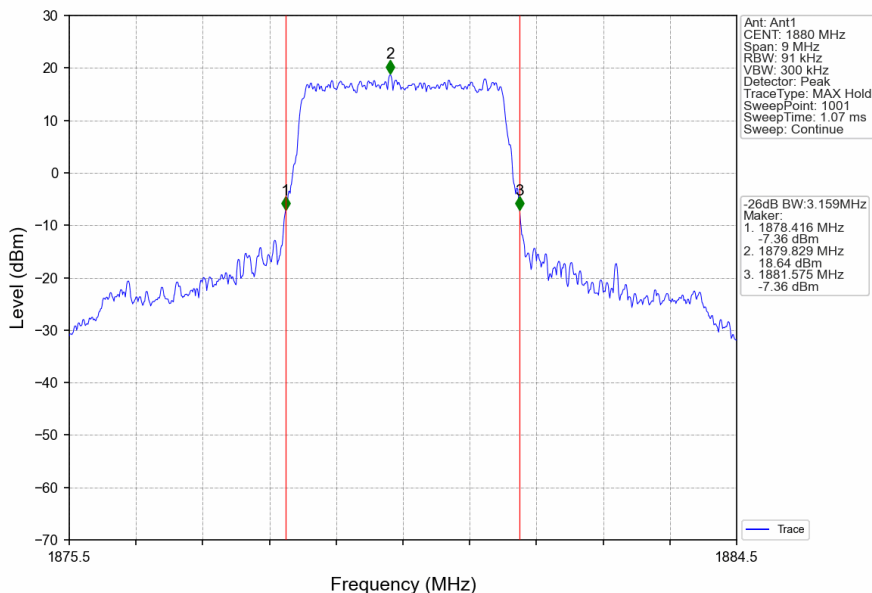
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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



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