

Appendix B.6

LTE Band 25



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Shenzhen Branch (Wuxi) Wireless Laboratory

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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / 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	23.57	4.48	28.05	<=33.01	Pass
			2	23.65	4.48	28.13	<=33.01	Pass
			5	23.57	4.48	28.05	<=33.01	Pass
		3	0	23.57	4.48	28.05	<=33.01	Pass
			2	23.57	4.48	28.05	<=33.01	Pass
			3	23.57	4.48	28.05	<=33.01	Pass
		6	0	22.63	4.48	27.11	<=33.01	Pass
	1882.5	1	0	23.78	4.48	28.26	<=33.01	Pass
			2	23.78	4.48	28.26	<=33.01	Pass
			5	23.70	4.48	28.18	<=33.01	Pass
		3	0	23.74	4.48	28.22	<=33.01	Pass
			2	23.74	4.48	28.22	<=33.01	Pass
			3	23.75	4.48	28.23	<=33.01	Pass
		6	0	22.77	4.48	27.25	<=33.01	Pass
	1914.3	1	0	23.67	4.48	28.15	<=33.01	Pass
			2	23.72	4.48	28.20	<=33.01	Pass
			5	23.65	4.48	28.13	<=33.01	Pass
		3	0	23.68	4.48	28.16	<=33.01	Pass
			2	23.66	4.48	28.14	<=33.01	Pass
			3	23.59	4.48	28.07	<=33.01	Pass
		6	0	22.72	4.48	27.20	<=33.01	Pass
16QAM	1850.7	1	0	22.72	4.48	27.20	<=33.01	Pass
			2	22.85	4.48	27.33	<=33.01	Pass
			5	22.75	4.48	27.23	<=33.01	Pass
		3	0	22.67	4.48	27.15	<=33.01	Pass
			2	22.69	4.48	27.17	<=33.01	Pass
			3	22.68	4.48	27.16	<=33.01	Pass
		6	0	21.62	4.48	26.10	<=33.01	Pass



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	1882.5	1	0	22.97	4.48	27.45	<=33.01	Pass
			2	22.89	4.48	27.37	<=33.01	Pass
			5	22.88	4.48	27.36	<=33.01	Pass
		3	0	22.88	4.48	27.36	<=33.01	Pass
			2	22.81	4.48	27.29	<=33.01	Pass
			3	22.85	4.48	27.33	<=33.01	Pass
		6	0	21.92	4.48	26.40	<=33.01	Pass
	1914.3	1	0	22.76	4.48	27.24	<=33.01	Pass
			2	22.93	4.48	27.41	<=33.01	Pass
			5	22.77	4.48	27.25	<=33.01	Pass
		3	0	22.80	4.48	27.28	<=33.01	Pass
			2	22.79	4.48	27.27	<=33.01	Pass
			3	22.75	4.48	27.23	<=33.01	Pass
		6	0	21.74	4.48	26.22	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.2 B25_3MHz_EIRP

Band: 25 / 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	23.63	4.48	28.11	<=33.01	Pass
			7	23.62	4.48	28.10	<=33.01	Pass
			14	23.60	4.48	28.08	<=33.01	Pass
		8	0	22.70	4.48	27.18	<=33.01	Pass
			4	22.75	4.48	27.23	<=33.01	Pass
			7	22.72	4.48	27.20	<=33.01	Pass
		15	0	22.73	4.48	27.21	<=33.01	Pass
	1882.5	1	0	23.77	4.48	28.25	<=33.01	Pass
			7	23.86	4.48	28.34	<=33.01	Pass
			14	23.76	4.48	28.24	<=33.01	Pass
		8	0	22.72	4.48	27.20	<=33.01	Pass
			4	22.85	4.48	27.33	<=33.01	Pass
			7	22.80	4.48	27.28	<=33.01	Pass
		15	0	22.72	4.48	27.20	<=33.01	Pass
	1913.5	1	0	23.72	4.48	28.20	<=33.01	Pass
			7	23.75	4.48	28.23	<=33.01	Pass
			14	23.71	4.48	28.19	<=33.01	Pass



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		8	0	22.72	4.48	27.20	<=33.01	Pass
			4	22.76	4.48	27.24	<=33.01	Pass
			7	22.75	4.48	27.23	<=33.01	Pass
		15	0	22.73	4.48	27.21	<=33.01	Pass
16QAM	1851.5	1	0	22.78	4.48	27.26	<=33.01	Pass
			7	22.90	4.48	27.38	<=33.01	Pass
			14	22.82	4.48	27.30	<=33.01	Pass
		8	0	21.76	4.48	26.24	<=33.01	Pass
			4	21.78	4.48	26.26	<=33.01	Pass
			7	21.74	4.48	26.22	<=33.01	Pass
		15	0	21.73	4.48	26.21	<=33.01	Pass
	1882.5	1	0	22.93	4.48	27.41	<=33.01	Pass
			7	23.06	4.48	27.54	<=33.01	Pass
			14	22.95	4.48	27.43	<=33.01	Pass
		8	0	21.78	4.48	26.26	<=33.01	Pass
			4	21.83	4.48	26.31	<=33.01	Pass
			7	21.82	4.48	26.30	<=33.01	Pass
		15	0	21.77	4.48	26.25	<=33.01	Pass
	1913.5	1	0	22.82	4.48	27.30	<=33.01	Pass
			7	22.95	4.48	27.43	<=33.01	Pass
			14	22.83	4.48	27.31	<=33.01	Pass
		8	0	21.81	4.48	26.29	<=33.01	Pass
			4	21.85	4.48	26.33	<=33.01	Pass
			7	21.81	4.48	26.29	<=33.01	Pass
		15	0	21.78	4.48	26.26	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / 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	23.81	4.48	28.29	<=33.01	Pass
			13	23.79	4.48	28.27	<=33.01	Pass
			24	23.81	4.48	28.29	<=33.01	Pass
		12	0	22.82	4.48	27.30	<=33.01	Pass
			6	22.79	4.48	27.27	<=33.01	Pass
			13	22.80	4.48	27.28	<=33.01	Pass



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	1882.5	1	25	0	22.83	4.48	27.31	<=33.01	Pass
			1	0	23.89	4.48	28.37	<=33.01	Pass
				13	23.86	4.48	28.34	<=33.01	Pass
				24	23.87	4.48	28.35	<=33.01	Pass
		12	12	0	22.84	4.48	27.32	<=33.01	Pass
				6	22.82	4.48	27.30	<=33.01	Pass
				13	22.87	4.48	27.35	<=33.01	Pass
		25	25	0	22.82	4.48	27.30	<=33.01	Pass
				0	23.70	4.48	28.18	<=33.01	Pass
				13	23.81	4.48	28.29	<=33.01	Pass
		12	12	24	23.77	4.48	28.25	<=33.01	Pass
				0	22.72	4.48	27.20	<=33.01	Pass
				6	22.72	4.48	27.20	<=33.01	Pass
		25	25	13	22.83	4.48	27.31	<=33.01	Pass
				0	22.72	4.48	27.20	<=33.01	Pass
				0	22.91	4.48	27.39	<=33.01	Pass
16QAM	1852.5	1	1	13	22.97	4.48	27.45	<=33.01	Pass
				24	22.91	4.48	27.39	<=33.01	Pass
				0	21.80	4.48	26.28	<=33.01	Pass
		12	12	6	21.95	4.48	26.43	<=33.01	Pass
				13	21.76	4.48	26.24	<=33.01	Pass
		25	25	0	21.84	4.48	26.32	<=33.01	Pass
	1882.5	1	1	0	23.06	4.48	27.54	<=33.01	Pass
				13	23.11	4.48	27.59	<=33.01	Pass
				24	22.98	4.48	27.46	<=33.01	Pass
		12	12	0	21.93	4.48	26.41	<=33.01	Pass
				6	21.75	4.48	26.23	<=33.01	Pass
				13	21.94	4.48	26.42	<=33.01	Pass
		25	25	0	21.87	4.48	26.35	<=33.01	Pass
	1912.5	1	1	0	22.88	4.48	27.36	<=33.01	Pass
				13	23.01	4.48	27.49	<=33.01	Pass
				24	23.03	4.48	27.51	<=33.01	Pass
		12	12	0	21.69	4.48	26.17	<=33.01	Pass
				6	21.76	4.48	26.24	<=33.01	Pass
				13	21.84	4.48	26.32	<=33.01	Pass
		25	25	0	21.76	4.48	26.24	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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1.1.4 B25_10MHz_EIRP

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.69	4.48	28.17	<=33.01	Pass
			25	23.73	4.48	28.21	<=33.01	Pass
			49	23.66	4.48	28.14	<=33.01	Pass
		25	0	22.75	4.48	27.23	<=33.01	Pass
			13	22.86	4.48	27.34	<=33.01	Pass
			25	22.79	4.48	27.27	<=33.01	Pass
		50	0	22.83	4.48	27.31	<=33.01	Pass
	1882.5	1	0	23.84	4.48	28.32	<=33.01	Pass
			25	23.85	4.48	28.33	<=33.01	Pass
			49	23.76	4.48	28.24	<=33.01	Pass
		25	0	22.87	4.48	27.35	<=33.01	Pass
			13	22.87	4.48	27.35	<=33.01	Pass
			25	22.92	4.48	27.40	<=33.01	Pass
		50	0	22.81	4.48	27.29	<=33.01	Pass
	1910	1	0	23.65	4.48	28.13	<=33.01	Pass
			25	23.78	4.48	28.26	<=33.01	Pass
			49	23.76	4.48	28.24	<=33.01	Pass
		25	0	22.69	4.48	27.17	<=33.01	Pass
			13	22.81	4.48	27.29	<=33.01	Pass
			25	22.78	4.48	27.26	<=33.01	Pass
		50	0	22.78	4.48	27.26	<=33.01	Pass
16QAM	1855	1	0	22.79	4.48	27.27	<=33.01	Pass
			25	22.93	4.48	27.41	<=33.01	Pass
			49	22.84	4.48	27.32	<=33.01	Pass
		25	0	21.81	4.48	26.29	<=33.01	Pass
			13	21.87	4.48	26.35	<=33.01	Pass
			25	21.84	4.48	26.32	<=33.01	Pass
		50	0	21.83	4.48	26.31	<=33.01	Pass
	1882.5	1	0	22.97	4.48	27.45	<=33.01	Pass
			25	23.04	4.48	27.52	<=33.01	Pass
			49	22.87	4.48	27.35	<=33.01	Pass
		25	0	21.87	4.48	26.35	<=33.01	Pass



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			13	21.86	4.48	26.34	<=33.01	Pass
			25	21.88	4.48	26.36	<=33.01	Pass
		50	0	21.84	4.48	26.32	<=33.01	Pass
	1910	1	0	22.83	4.48	27.31	<=33.01	Pass
			25	22.91	4.48	27.39	<=33.01	Pass
			49	22.87	4.48	27.35	<=33.01	Pass
		25	0	21.67	4.48	26.15	<=33.01	Pass
			13	21.81	4.48	26.29	<=33.01	Pass
			25	21.82	4.48	26.30	<=33.01	Pass
		50	0	21.80	4.48	26.28	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B25_15MHz_EIRP

Band: 25 / 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	23.61	4.48	28.09	<=33.01	Pass
			38	23.53	4.48	28.01	<=33.01	Pass
			74	23.54	4.48	28.02	<=33.01	Pass
		36	0	22.64	4.48	27.12	<=33.01	Pass
			18	22.71	4.48	27.19	<=33.01	Pass
			39	22.67	4.48	27.15	<=33.01	Pass
		75	0	22.69	4.48	27.17	<=33.01	Pass
	1882.5	1	0	23.66	4.48	28.14	<=33.01	Pass
			38	23.72	4.48	28.20	<=33.01	Pass
			74	23.54	4.48	28.02	<=33.01	Pass
		36	0	22.78	4.48	27.26	<=33.01	Pass
			18	22.77	4.48	27.25	<=33.01	Pass
			39	22.77	4.48	27.25	<=33.01	Pass
		75	0	22.73	4.48	27.21	<=33.01	Pass
	1907.5	1	0	23.52	4.48	28.00	<=33.01	Pass
			38	23.54	4.48	28.02	<=33.01	Pass
			74	23.53	4.48	28.01	<=33.01	Pass
		36	0	22.54	4.48	27.02	<=33.01	Pass
			18	22.65	4.48	27.13	<=33.01	Pass
			39	22.70	4.48	27.18	<=33.01	Pass
		75	0	22.65	4.48	27.13	<=33.01	Pass



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16QAM	1857.5	1	0	22.81	4.48	27.29	<=33.01	Pass
			38	22.87	4.48	27.35	<=33.01	Pass
			74	22.73	4.48	27.21	<=33.01	Pass
		36	0	21.63	4.48	26.11	<=33.01	Pass
			18	21.72	4.48	26.20	<=33.01	Pass
			39	21.66	4.48	26.14	<=33.01	Pass
		75	0	21.69	4.48	26.17	<=33.01	Pass
	1882.5	1	0	22.94	4.48	27.42	<=33.01	Pass
			38	22.89	4.48	27.37	<=33.01	Pass
			74	22.79	4.48	27.27	<=33.01	Pass
		36	0	21.79	4.48	26.27	<=33.01	Pass
			18	21.77	4.48	26.25	<=33.01	Pass
			39	21.80	4.48	26.28	<=33.01	Pass
		75	0	21.73	4.48	26.21	<=33.01	Pass
	1907.5	1	0	22.63	4.48	27.11	<=33.01	Pass
			38	22.69	4.48	27.17	<=33.01	Pass
			74	22.72	4.48	27.20	<=33.01	Pass
		36	0	21.57	4.48	26.05	<=33.01	Pass
			18	21.67	4.48	26.15	<=33.01	Pass
			39	21.67	4.48	26.15	<=33.01	Pass
		75	0	21.68	4.48	26.16	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.60	4.48	28.08	<=33.01	Pass
			50	23.63	4.48	28.11	<=33.01	Pass
			99	23.54	4.48	28.02	<=33.01	Pass
		50	0	22.65	4.48	27.13	<=33.01	Pass
			25	22.74	4.48	27.22	<=33.01	Pass
			50	22.68	4.48	27.16	<=33.01	Pass
		100	0	22.69	4.48	27.17	<=33.01	Pass
	1882.5	1	0	23.67	4.48	28.15	<=33.01	Pass
			50	23.69	4.48	28.17	<=33.01	Pass
			99	23.54	4.48	28.02	<=33.01	Pass



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		50	0	22.81	4.48	27.29	<=33.01	Pass
			25	22.79	4.48	27.27	<=33.01	Pass
			50	22.75	4.48	27.23	<=33.01	Pass
		100	0	22.74	4.48	27.22	<=33.01	Pass
	1905	1	0	23.47	4.48	27.95	<=33.01	Pass
			50	23.51	4.48	27.99	<=33.01	Pass
			99	23.49	4.48	27.97	<=33.01	Pass
		50	0	22.55	4.48	27.03	<=33.01	Pass
			25	22.61	4.48	27.09	<=33.01	Pass
			50	22.69	4.48	27.17	<=33.01	Pass
		100	0	22.62	4.48	27.10	<=33.01	Pass
16QAM	1860	1	0	22.79	4.48	27.27	<=33.01	Pass
			50	22.78	4.48	27.26	<=33.01	Pass
			99	22.90	4.48	27.38	<=33.01	Pass
		50	0	21.66	4.48	26.14	<=33.01	Pass
			25	21.72	4.48	26.20	<=33.01	Pass
			50	21.72	4.48	26.20	<=33.01	Pass
		100	0	21.72	4.48	26.20	<=33.01	Pass
	1882.5	1	0	22.74	4.48	27.22	<=33.01	Pass
			50	22.86	4.48	27.34	<=33.01	Pass
			99	22.65	4.48	27.13	<=33.01	Pass
		50	0	21.86	4.48	26.34	<=33.01	Pass
			25	21.82	4.48	26.30	<=33.01	Pass
			50	21.83	4.48	26.31	<=33.01	Pass
		100	0	21.76	4.48	26.24	<=33.01	Pass
	1905	1	0	22.80	4.48	27.28	<=33.01	Pass
			50	22.78	4.48	27.26	<=33.01	Pass
			99	22.71	4.48	27.19	<=33.01	Pass
		50	0	21.60	4.48	26.08	<=33.01	Pass
			25	21.60	4.48	26.08	<=33.01	Pass
			50	21.69	4.48	26.17	<=33.01	Pass
		100	0	21.65	4.48	26.13	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result



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2.1.1 B25_1.4MHz

Band: 25 / 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	14.906	0.0081	-2.5 to 2.5	Pass
					3.85	15.178	0.0082	-2.5 to 2.5	Pass
					4.43	11.773	0.0064	-2.5 to 2.5	Pass
				-30	3.85	10.457	0.0057	-2.5 to 2.5	Pass
				-20	3.85	7.296	0.0039	-2.5 to 2.5	Pass
				-10	3.85	5.865	0.0032	-2.5 to 2.5	Pass
				0	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				10	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				30	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.276	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.718	0.0015	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-20.070	-0.0107	-2.5 to 2.5	Pass
					3.85	-15.178	-0.0081	-2.5 to 2.5	Pass
					4.43	-9.613	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-4.778	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-21.586	-0.0113	-2.5 to 2.5	Pass
					3.85	-21.029	-0.0110	-2.5 to 2.5	Pass
					4.43	-15.135	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-9.441	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
				40	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.386	0.0002	-2.5 to 2.5	Pass



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16QAM	1850.7	6	0	20	3.27	1.373	0.0007	-2.5 to 2.5	Pass
					3.85	1.945	0.0011	-2.5 to 2.5	Pass
					4.43	1.044	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.674	0.0009	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	0.172	0.0001	-2.5 to 2.5	Pass
					3.85	1.917	0.0010	-2.5 to 2.5	Pass
					4.43	1.960	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.874	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.001	0.0005	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	0.873	0.0005	-2.5 to 2.5	Pass
					4.43	2.217	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.173	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.332	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				30	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.775	0.0014	-2.5 to 2.5	Pass
				50	3.85	2.475	0.0013	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

Band: 25 / 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	0.443	0.0002	-2.5 to 2.5	Pass
					3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
					4.43	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.830	0.0004	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	0.830	0.0004	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	1.631	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.629	0.0003	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	0.257	0.0001	-2.5 to 2.5	Pass
					3.85	1.187	0.0006	-2.5 to 2.5	Pass
					4.43	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.086	0.0000	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	0.486	0.0003	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	-0.386	-0.0002	-2.5 to 2.5	Pass



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				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	0.587	0.0003	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.85	1.044	0.0006	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	1.302	0.0007	-2.5 to 2.5	Pass
					3.85	2.389	0.0012	-2.5 to 2.5	Pass
					4.43	1.345	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0008	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

Band: 25 / 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	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0009	-2.5 to 2.5	Pass



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					4.43	-2.446	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-0.186	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.701	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0002	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-0.501	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.230	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-1.988	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.388	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass



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				0	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	0.229	0.0001	-2.5 to 2.5	Pass
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.916	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-1.287	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.358	0.0002	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

Band: 25 / 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	-0.744	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0001	-2.5 to 2.5	Pass



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				-10	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-2.947	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.704	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-1.431	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.159	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.202	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass



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	1882.5	50	0	40	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-3.347	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.389	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-1.044	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass

2.1.5 B25_15MHz

Band: 25 / 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	-0.973	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass



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				30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-1.473	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.775	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-0.916	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.802	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-3.233	-0.0017	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-0.901	-0.0005	-2.5 to 2.5	Pass



					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.503	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.345	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

Band: 25 / 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	-1.588	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.574	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass



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	1882.5	100	0	20	3.27	-1.287	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-2.518	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.988	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.918	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-3.405	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-2.375	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.475	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass



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				-20	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-0.987	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.345	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.546	-0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band25_OBW

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.127	/	Pass
		1882.5	6	0	1.125	/	Pass
		1914.3	6	0	1.118	/	Pass
	16QAM	1850.7	6	0	1.120	/	Pass
		1882.5	6	0	1.121	/	Pass
		1914.3	6	0	1.121	/	Pass
3	QPSK	1851.5	15	0	2.759	/	Pass
		1882.5	15	0	2.749	/	Pass
		1913.5	15	0	2.743	/	Pass



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	16QAM	1851.5	15	0	2.753	/	Pass
		1882.5	15	0	2.752	/	Pass
		1913.5	15	0	2.769	/	Pass
5	QPSK	1852.5	25	0	4.583	/	Pass
		1882.5	25	0	4.577	/	Pass
		1912.5	25	0	4.565	/	Pass
	16QAM	1852.5	25	0	4.572	/	Pass
		1882.5	25	0	4.594	/	Pass
		1912.5	25	0	4.566	/	Pass
10	QPSK	1855	50	0	9.085	/	Pass
		1882.5	50	0	9.065	/	Pass
		1910	50	0	9.085	/	Pass
	16QAM	1855	50	0	9.095	/	Pass
		1882.5	50	0	9.136	/	Pass
		1910	50	0	9.098	/	Pass
15	QPSK	1857.5	75	0	13.655	/	Pass
		1882.5	75	0	13.586	/	Pass
		1907.5	75	0	13.603	/	Pass
	16QAM	1857.5	75	0	13.635	/	Pass
		1882.5	75	0	13.602	/	Pass
		1907.5	75	0	13.611	/	Pass
20	QPSK	1860	100	0	18.167	/	Pass
		1882.5	100	0	18.130	/	Pass
		1905	100	0	18.178	/	Pass
	16QAM	1860	100	0	18.169	/	Pass
		1882.5	100	0	18.146	/	Pass
		1905	100	0	18.123	/	Pass

3.1.2 Band25_XDB

Band: 25 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.416	/	Pass
		1882.5	6	0	1.433	/	Pass
		1914.3	6	0	1.395	/	Pass
	16QAM	1850.7	6	0	1.427	/	Pass
		1882.5	6	0	1.392	/	Pass



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		1914.3	6	0	1.388	/	Pass
3	QPSK	1851.5	15	0	3.104	/	Pass
		1882.5	15	0	3.160	/	Pass
		1913.5	15	0	3.119	/	Pass
	16QAM	1851.5	15	0	3.112	/	Pass
		1882.5	15	0	3.139	/	Pass
		1913.5	15	0	3.126	/	Pass
5	QPSK	1852.5	25	0	5.233	/	Pass
		1882.5	25	0	5.184	/	Pass
		1912.5	25	0	5.297	/	Pass
	16QAM	1852.5	25	0	5.289	/	Pass
		1882.5	25	0	5.273	/	Pass
		1912.5	25	0	5.332	/	Pass
10	QPSK	1855	50	0	10.241	/	Pass
		1882.5	50	0	10.204	/	Pass
		1910	50	0	10.093	/	Pass
	16QAM	1855	50	0	10.275	/	Pass
		1882.5	50	0	10.157	/	Pass
		1910	50	0	10.295	/	Pass
15	QPSK	1857.5	75	0	15.226	/	Pass
		1882.5	75	0	15.173	/	Pass
		1907.5	75	0	15.278	/	Pass
	16QAM	1857.5	75	0	15.203	/	Pass
		1882.5	75	0	15.286	/	Pass
		1907.5	75	0	15.270	/	Pass
20	QPSK	1860	100	0	20.277	/	Pass
		1882.5	100	0	20.073	/	Pass
		1905	100	0	20.109	/	Pass
	16QAM	1860	100	0	20.000	/	Pass
		1882.5	100	0	20.065	/	Pass
		1905	100	0	20.097	/	Pass



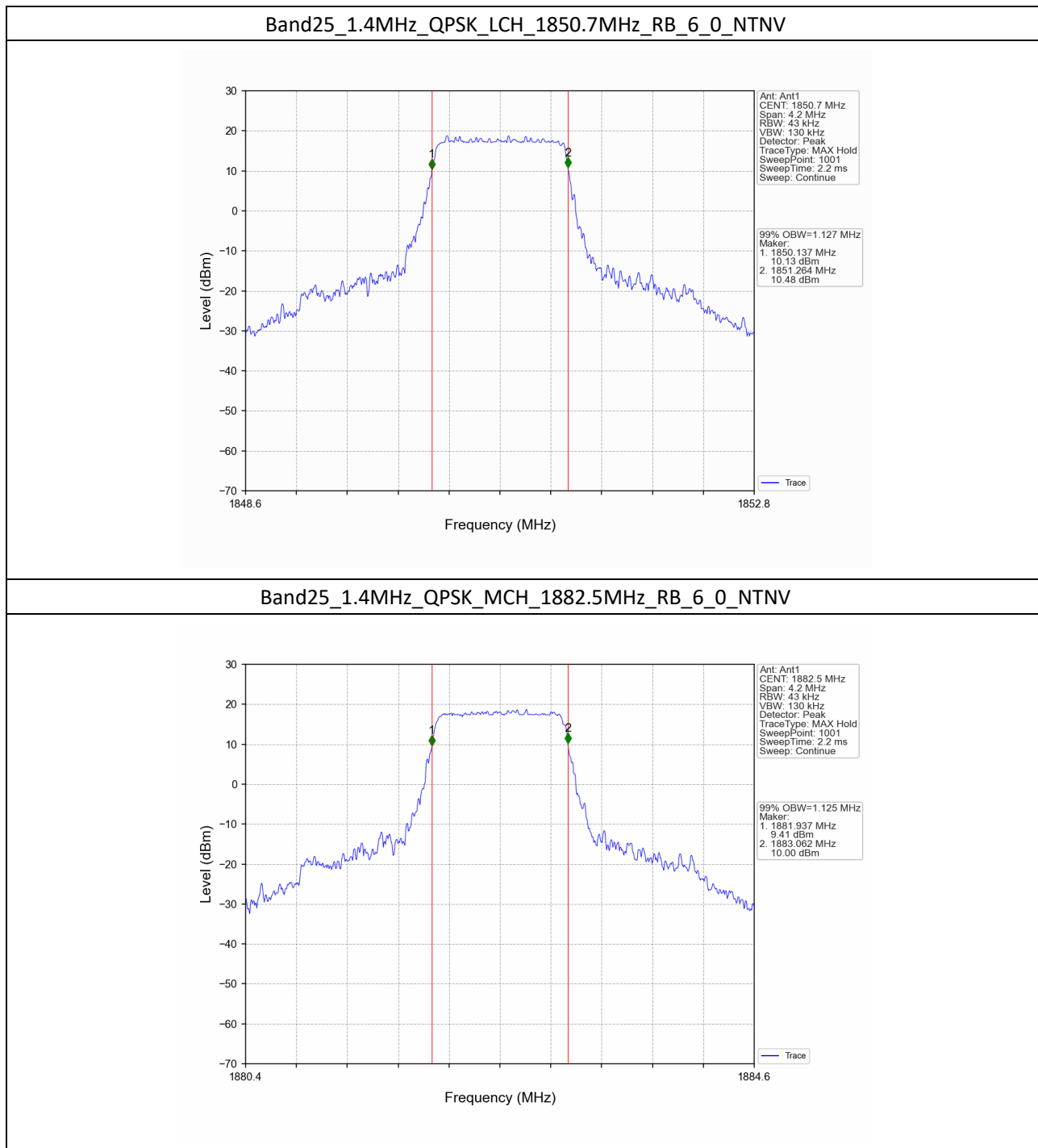
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3.2 Test Graph

3.2.1 Band25_OBW

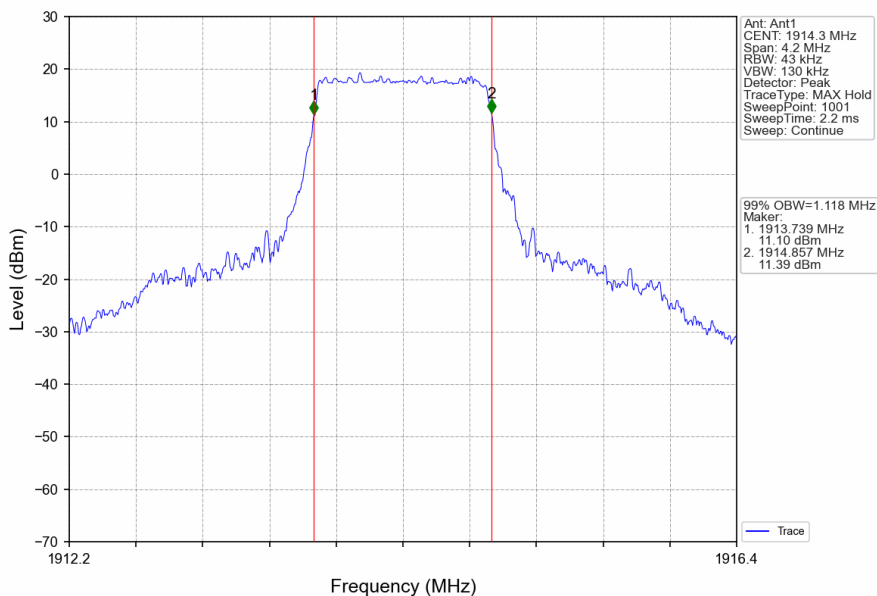


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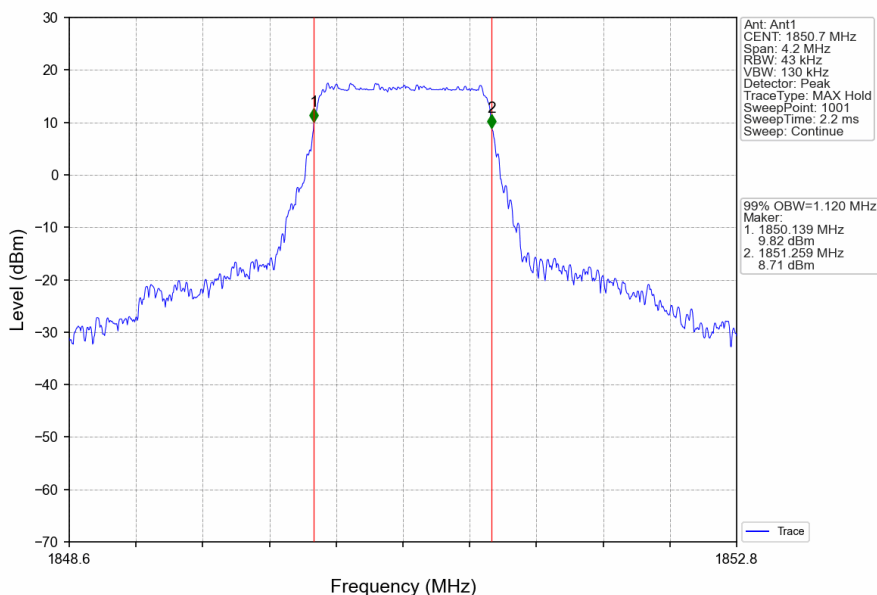
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

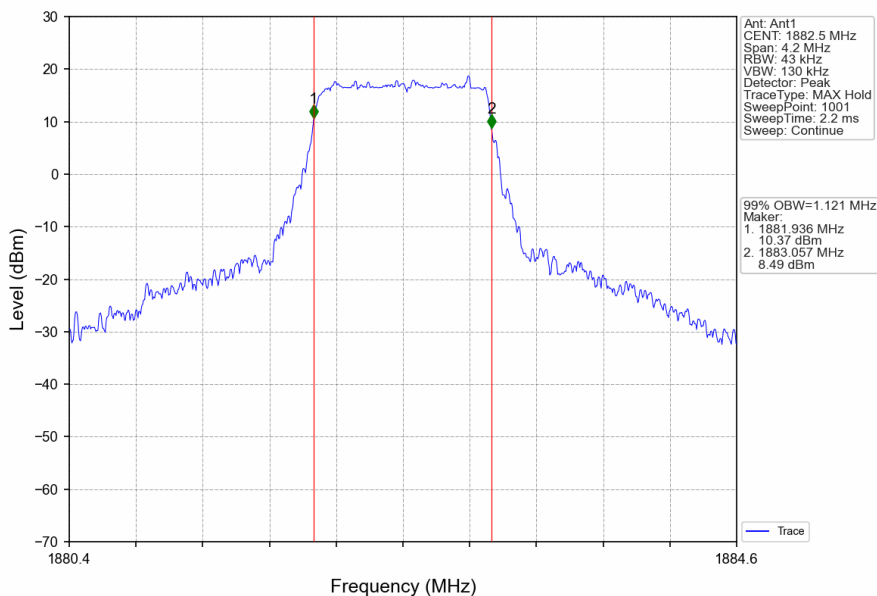


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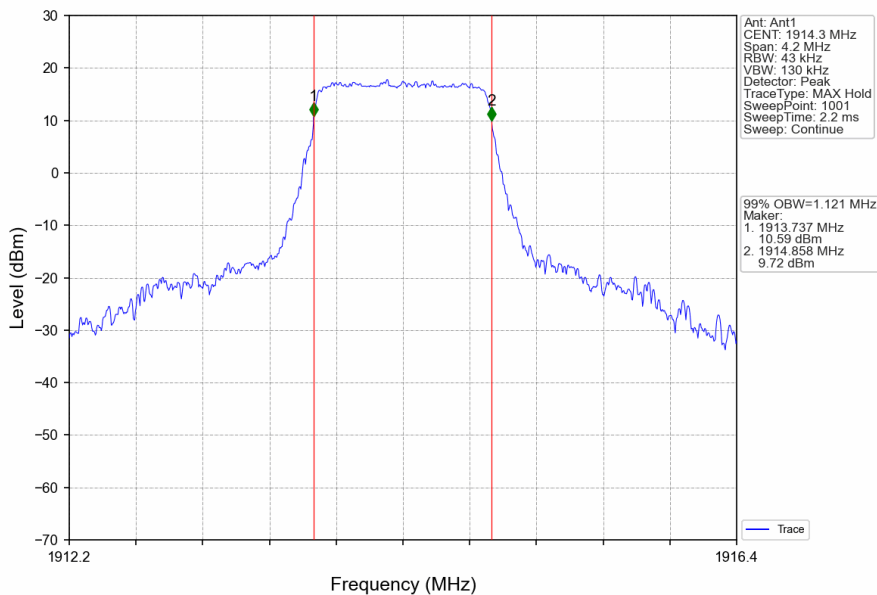
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

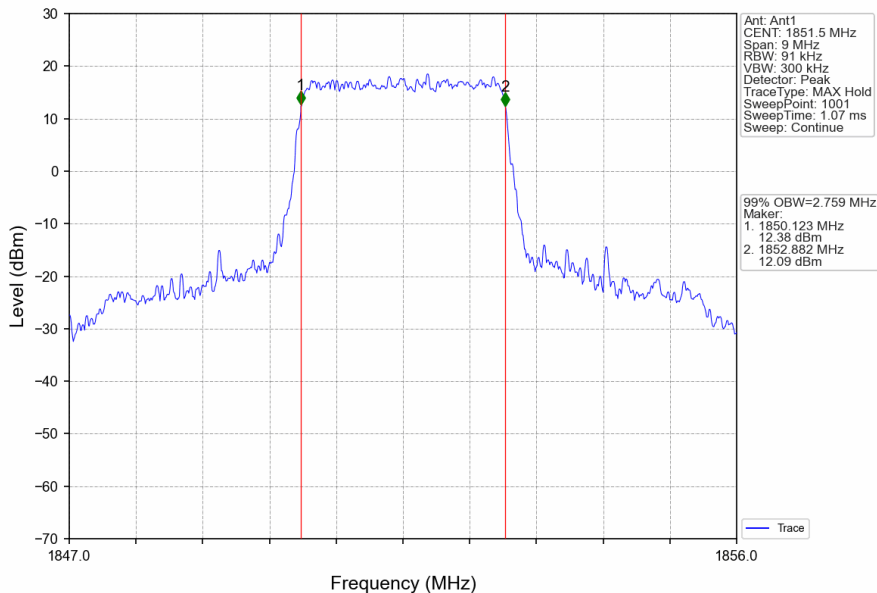


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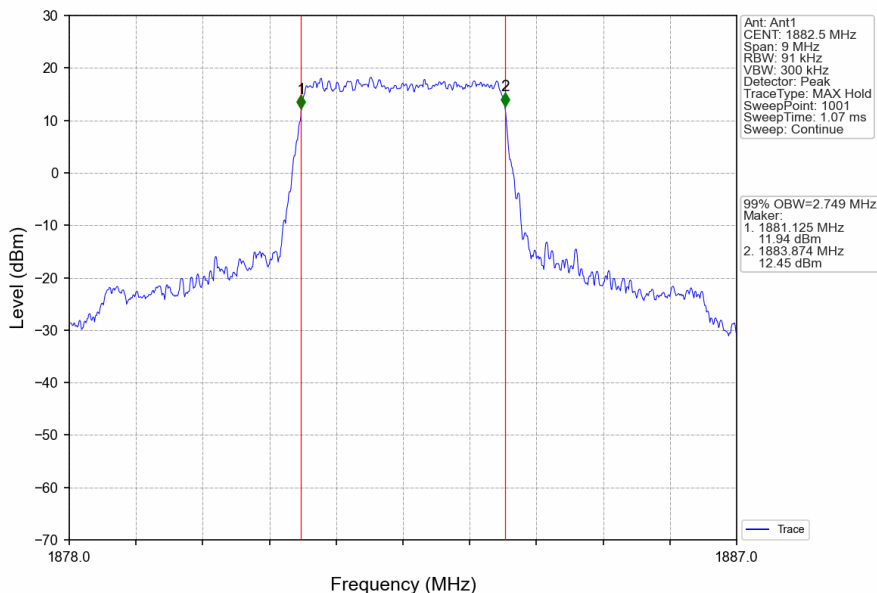
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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

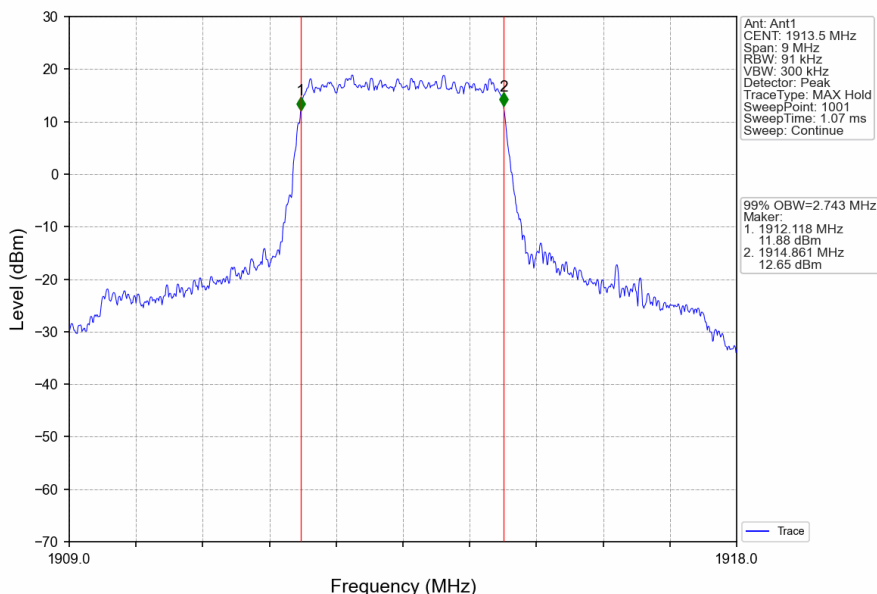


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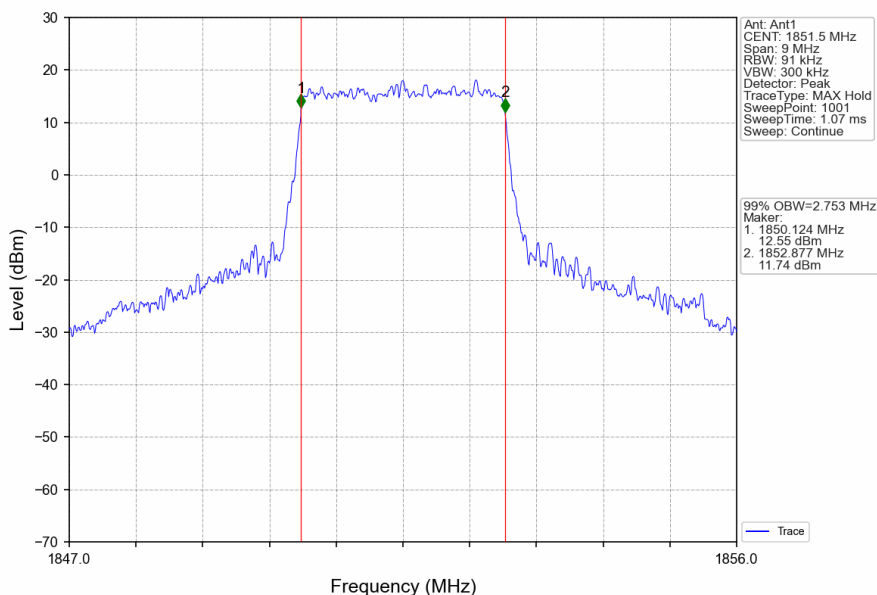
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

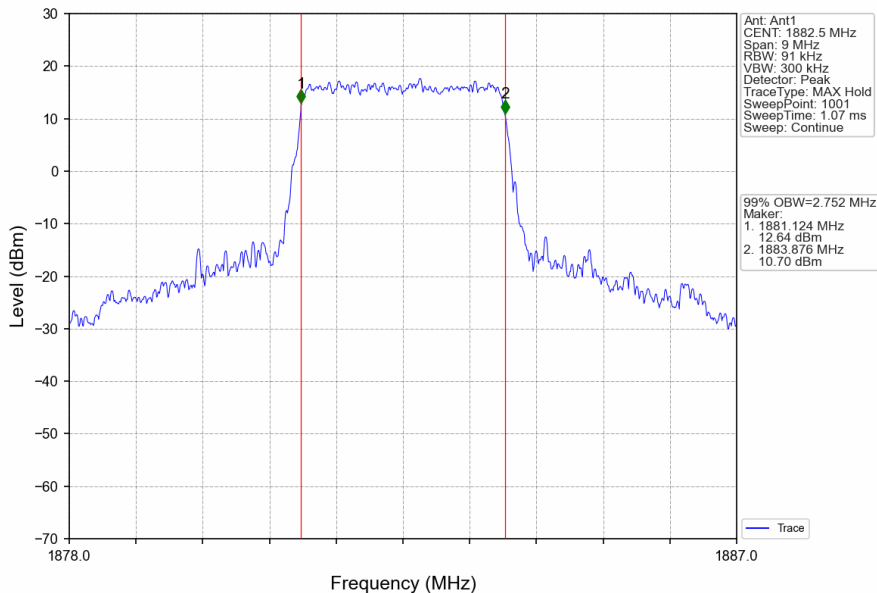


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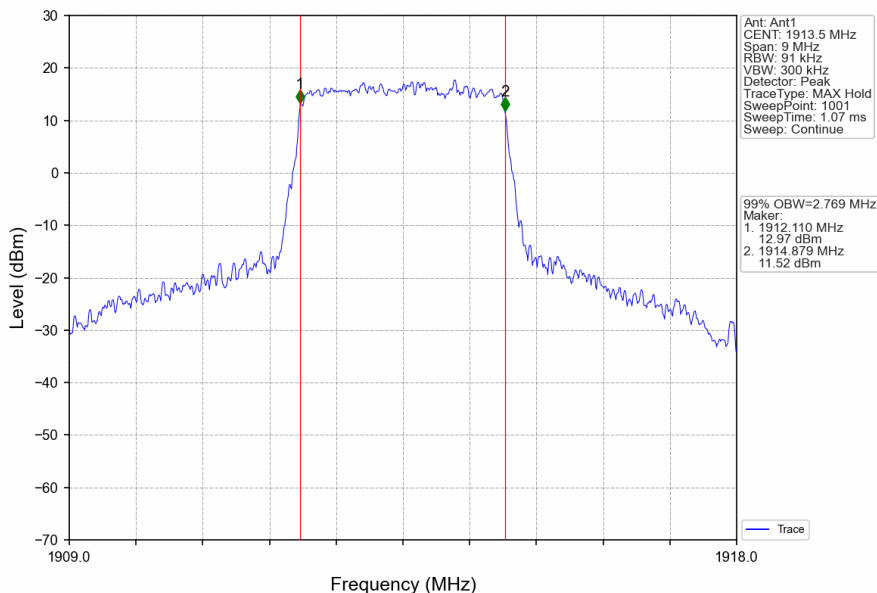
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

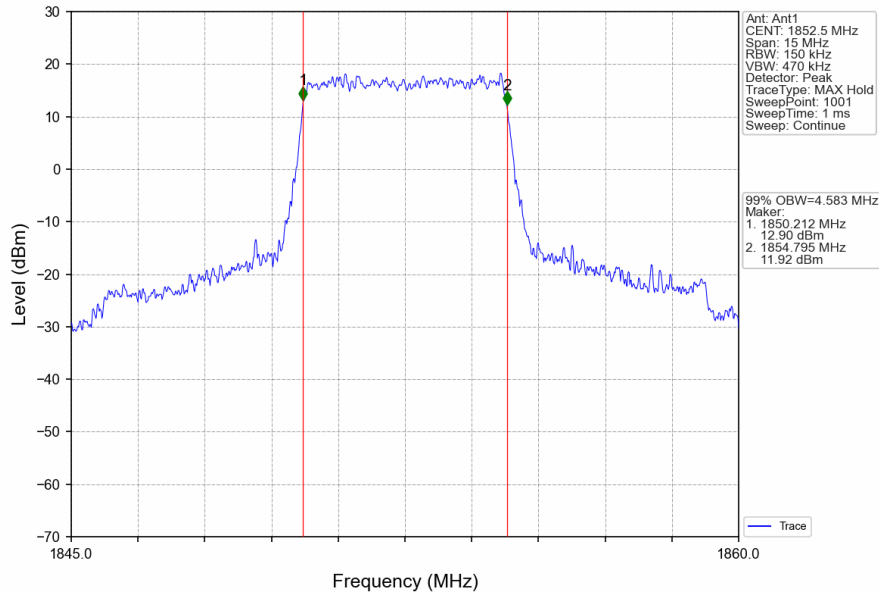


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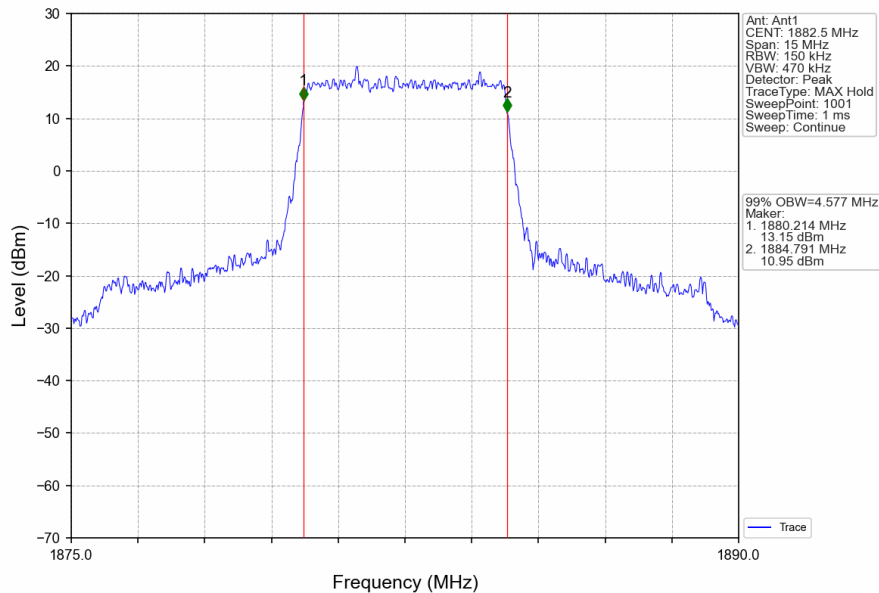
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Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

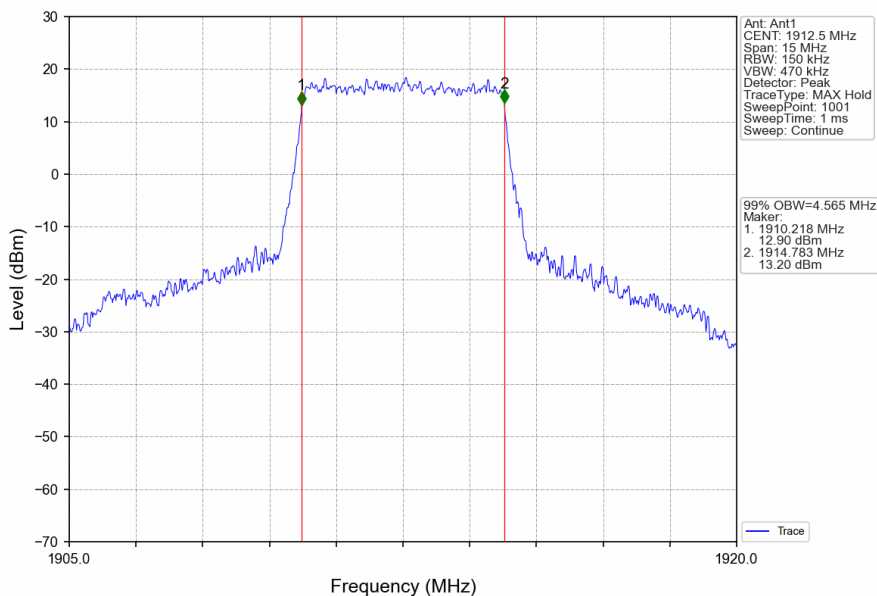


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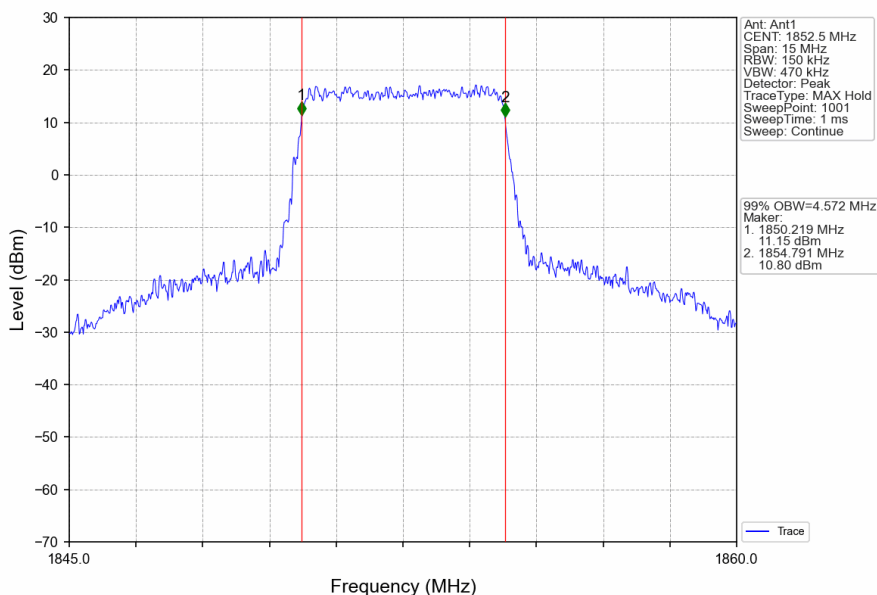
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Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

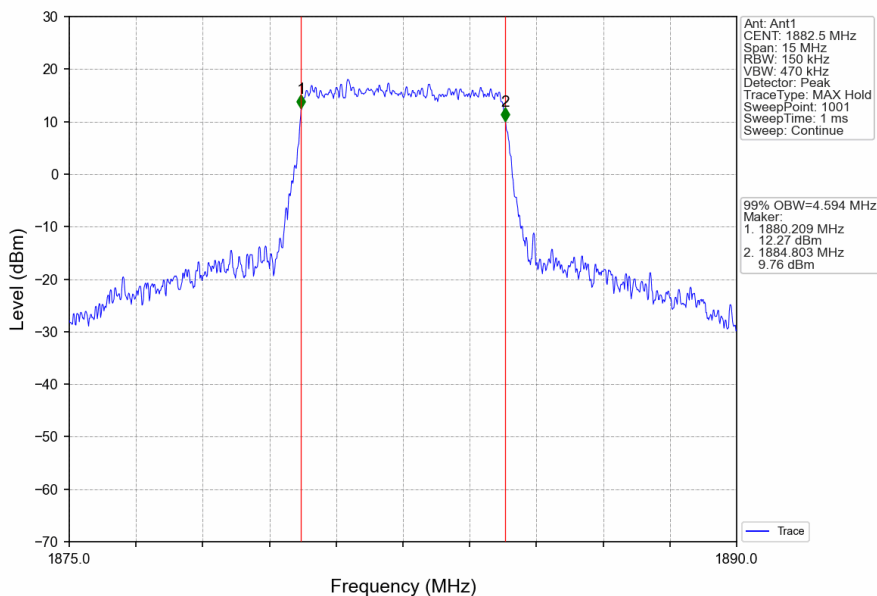


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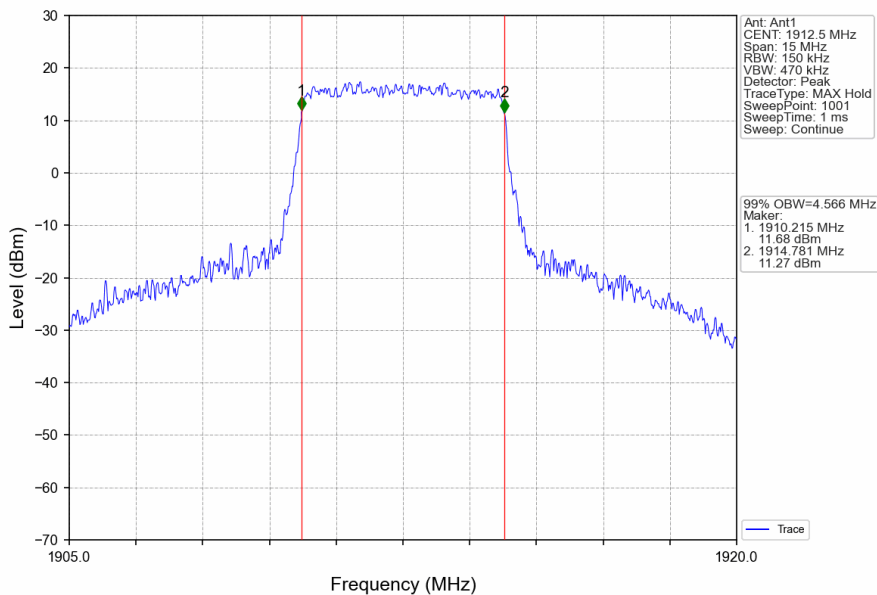
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Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

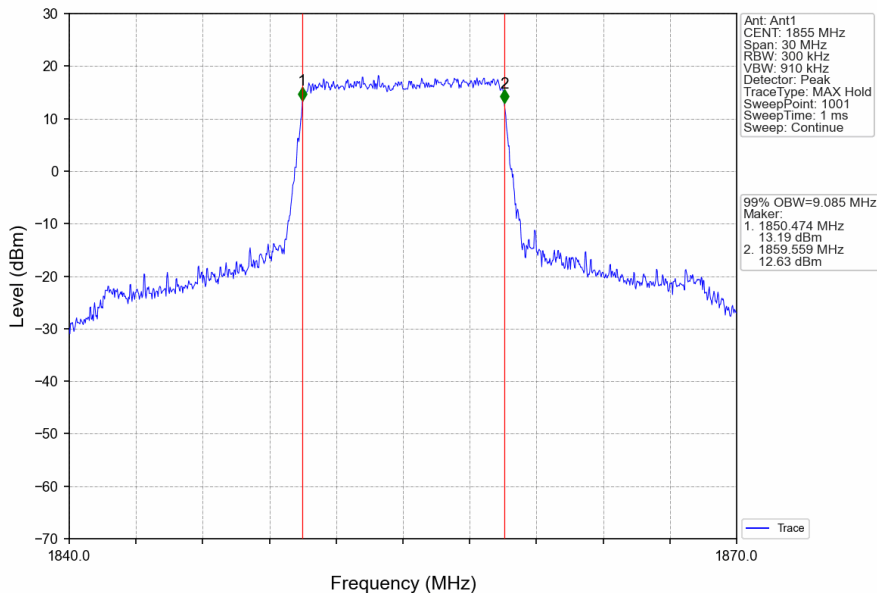


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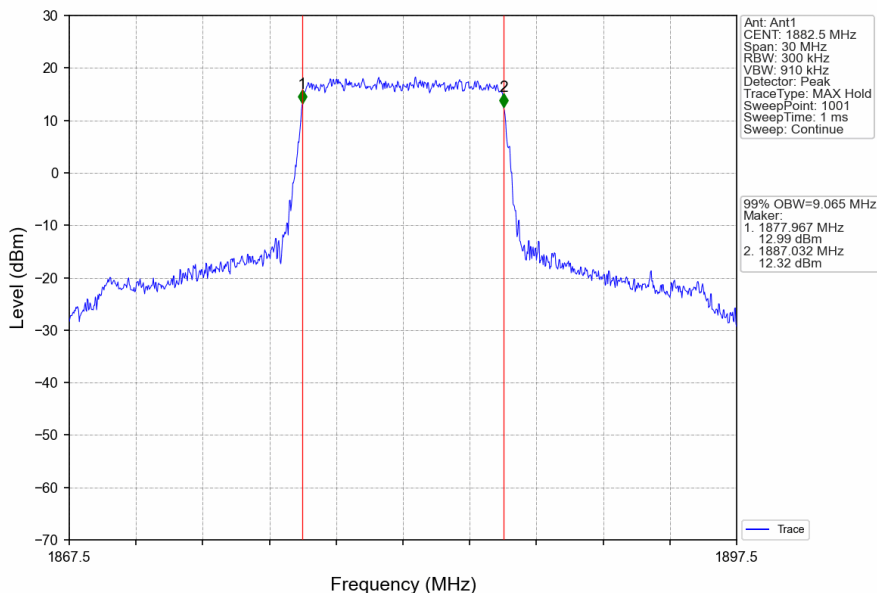
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Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

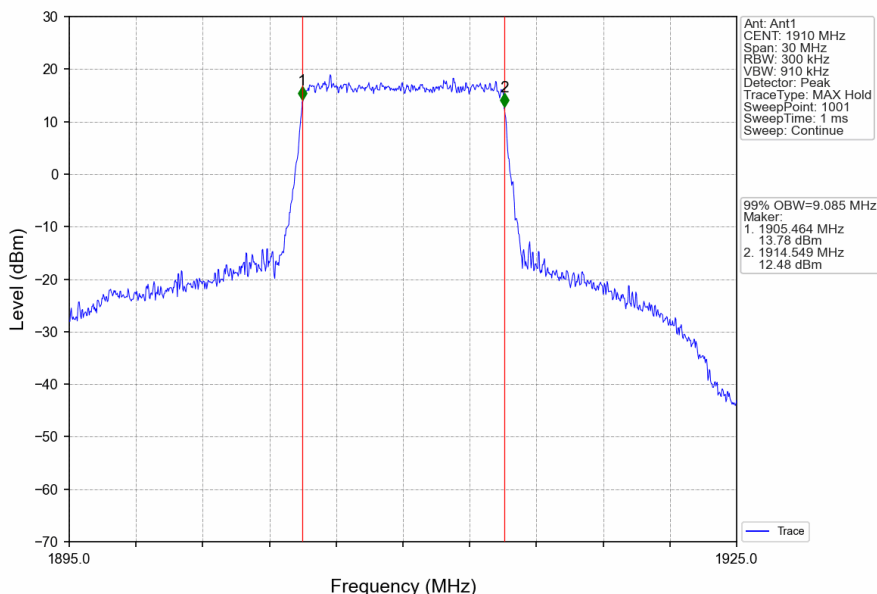


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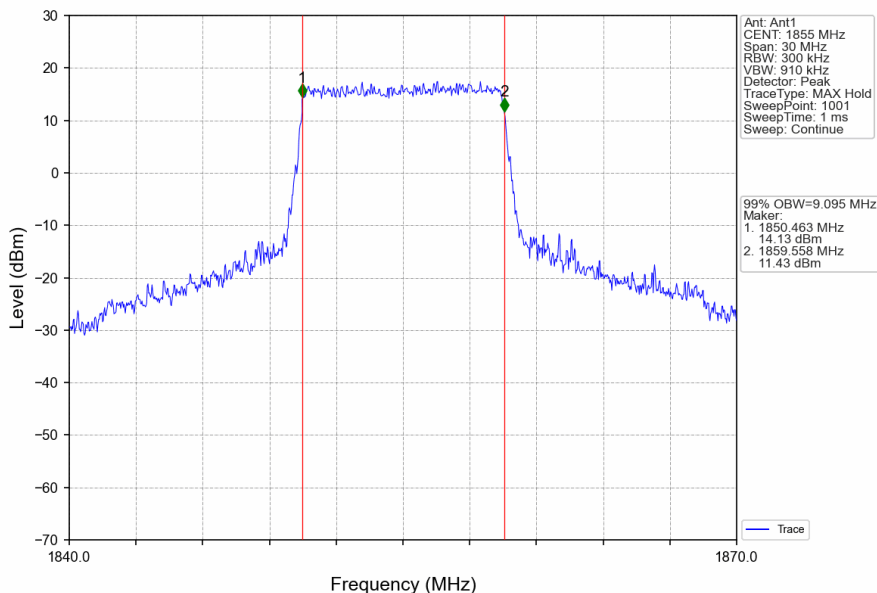
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Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

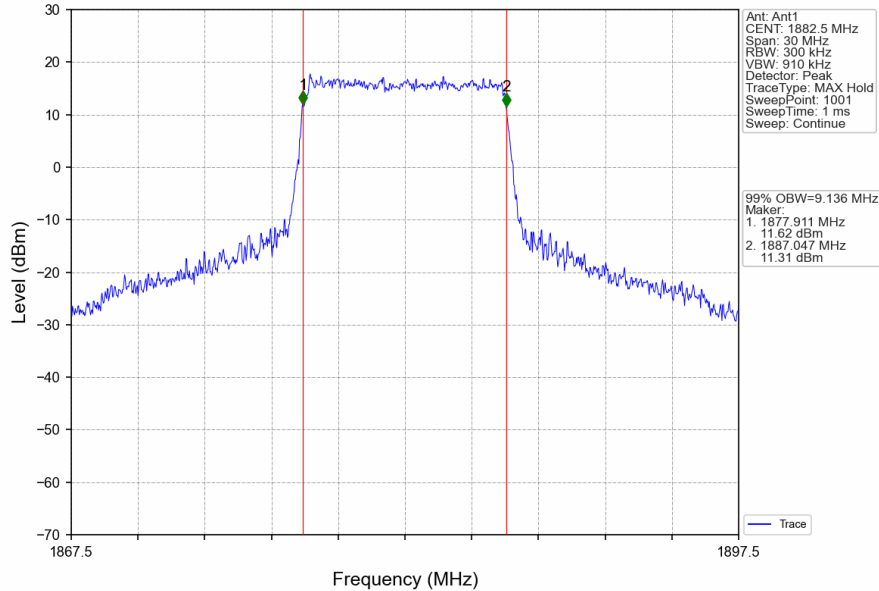


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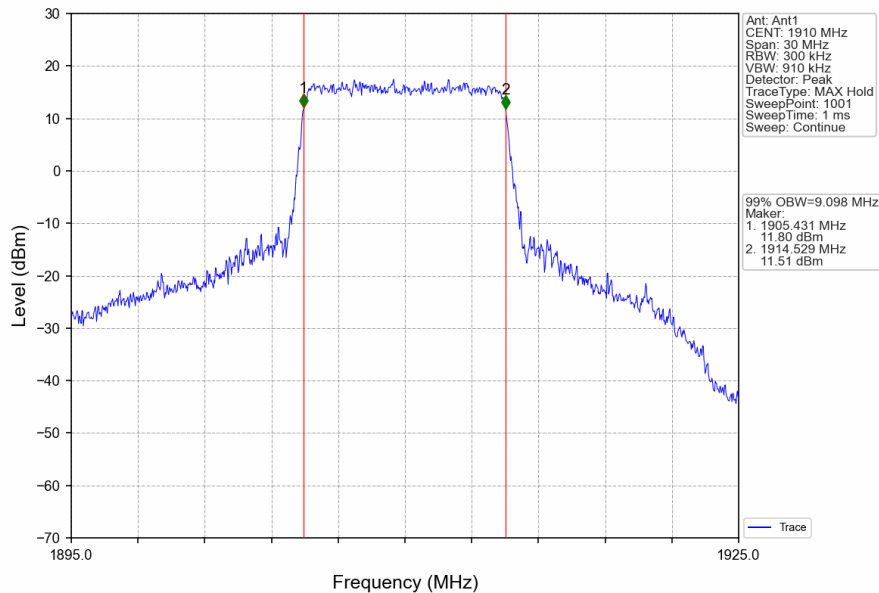
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Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

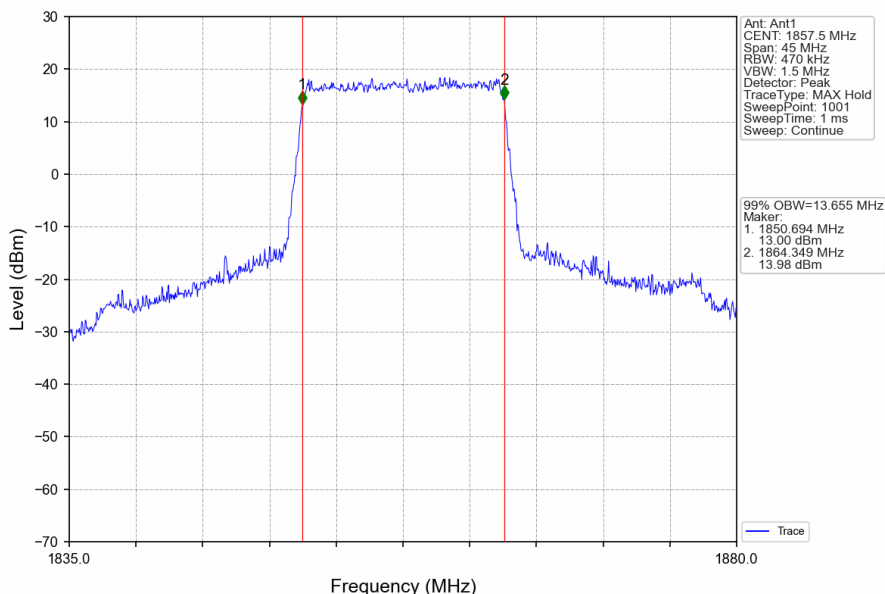


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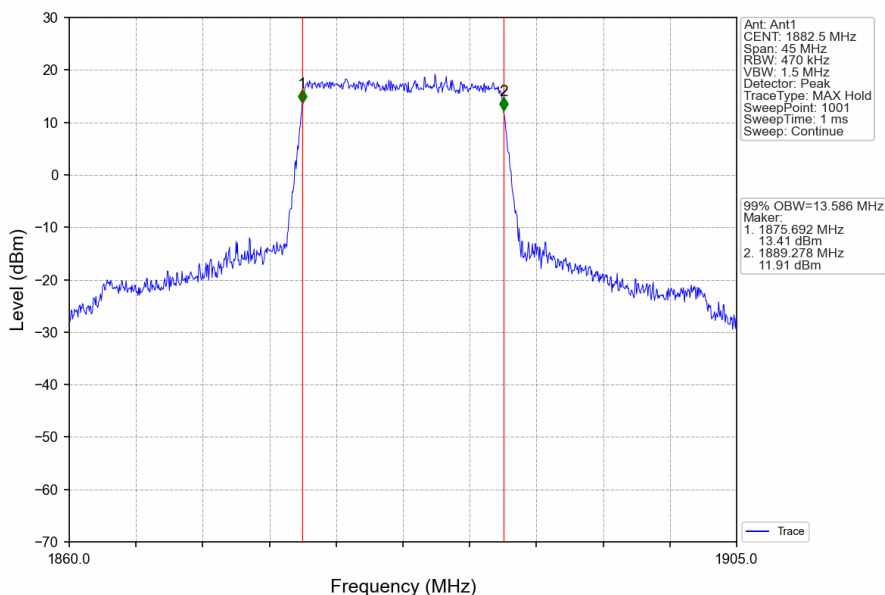
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Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

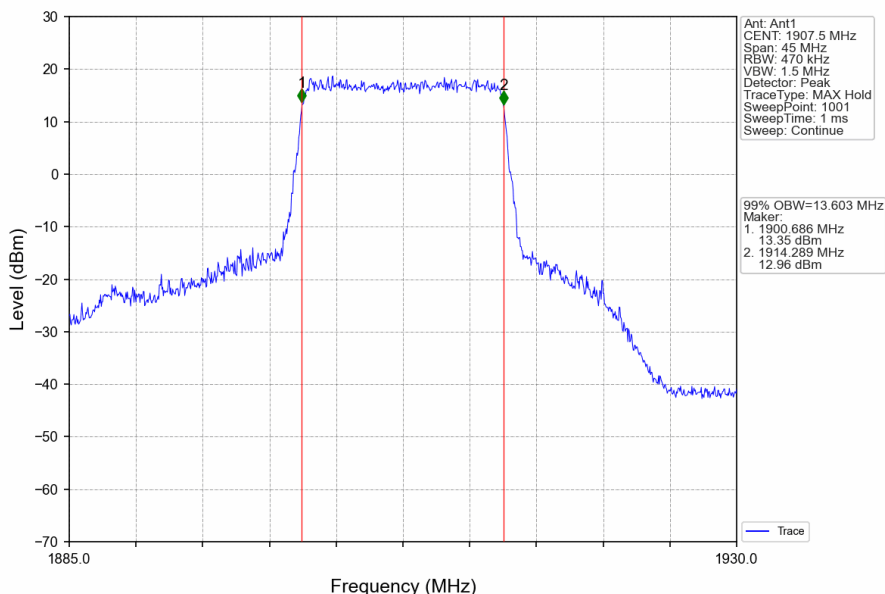


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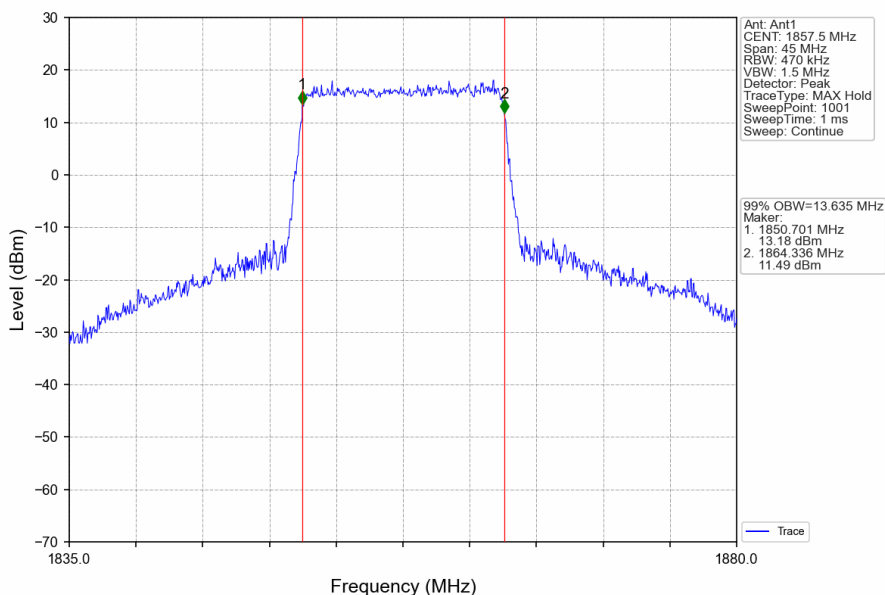
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

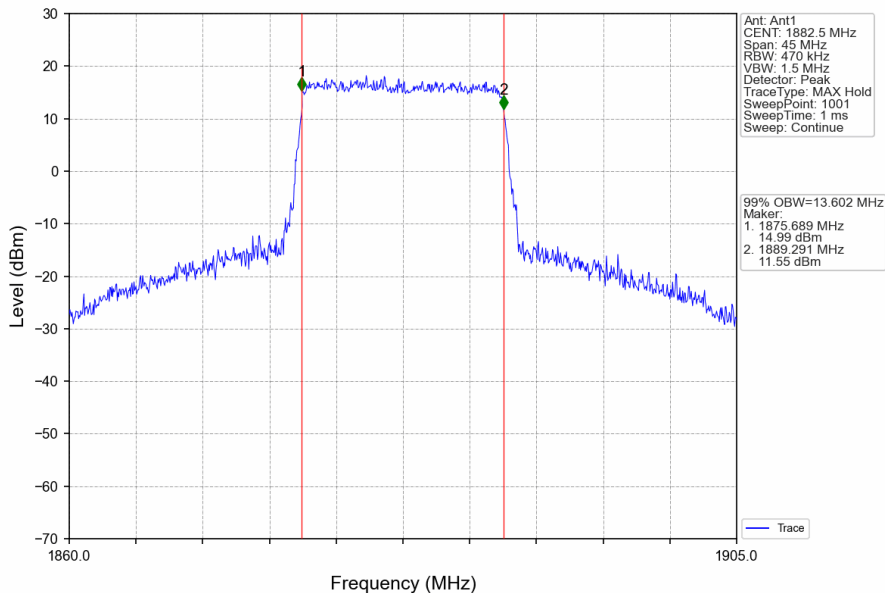


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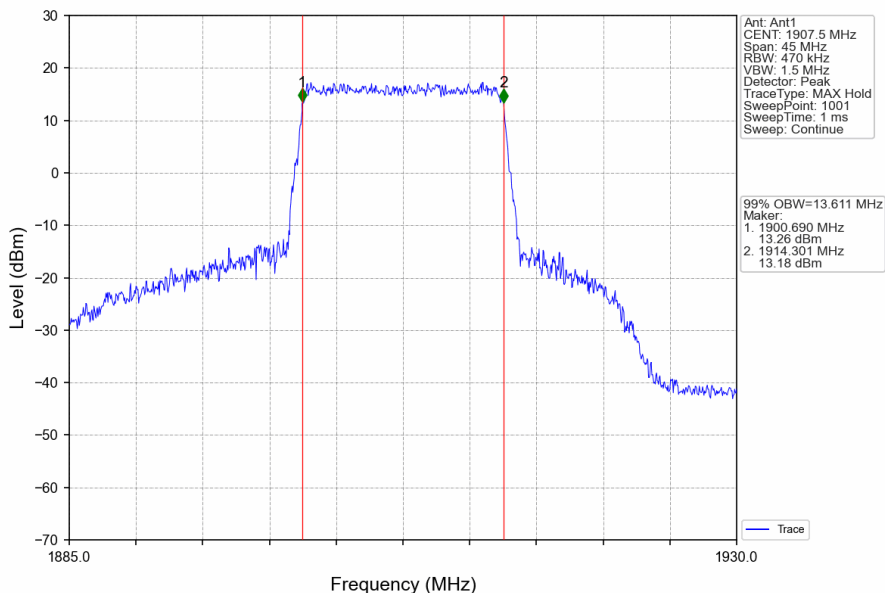
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Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

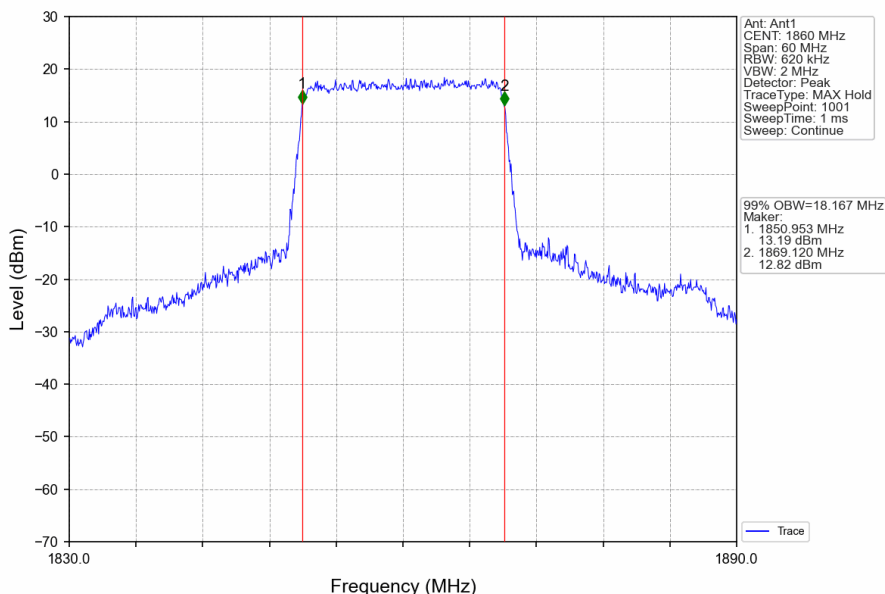


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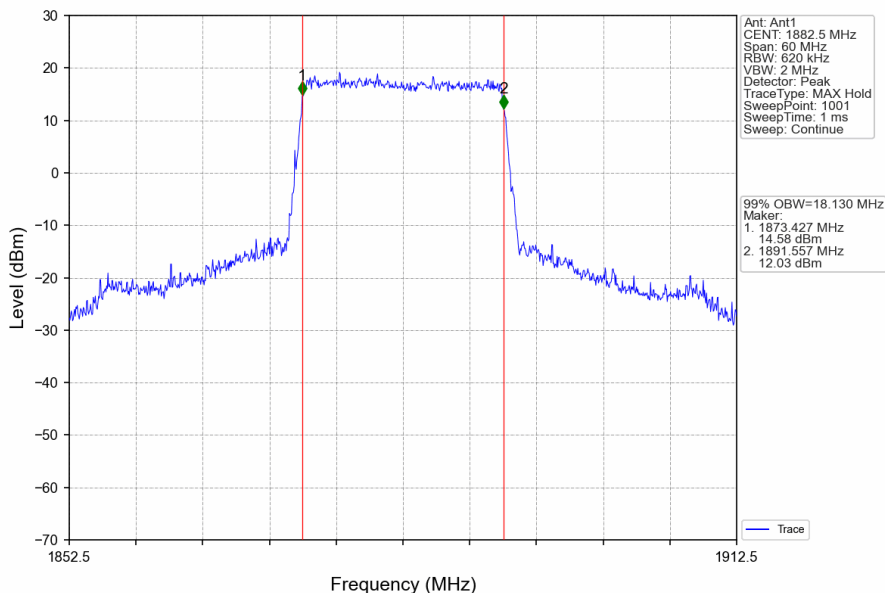
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Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

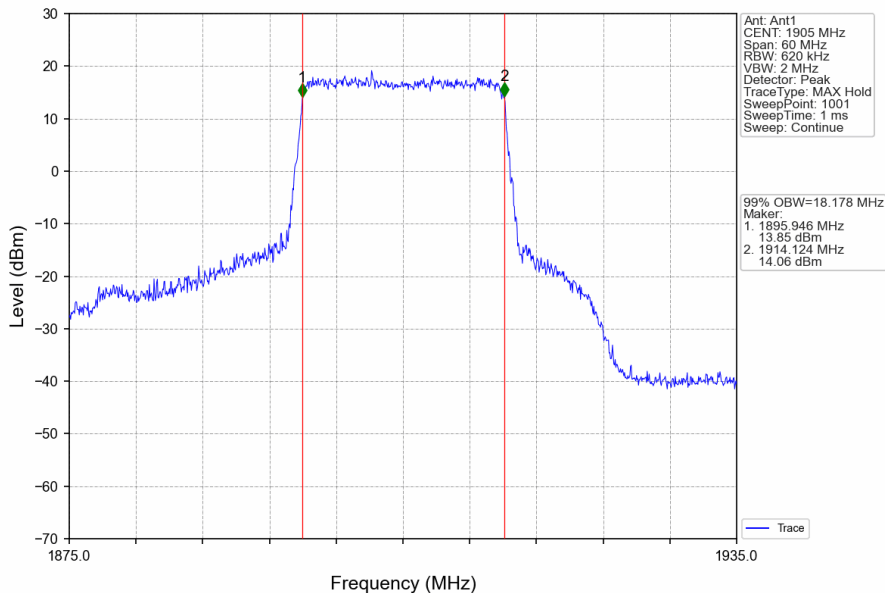


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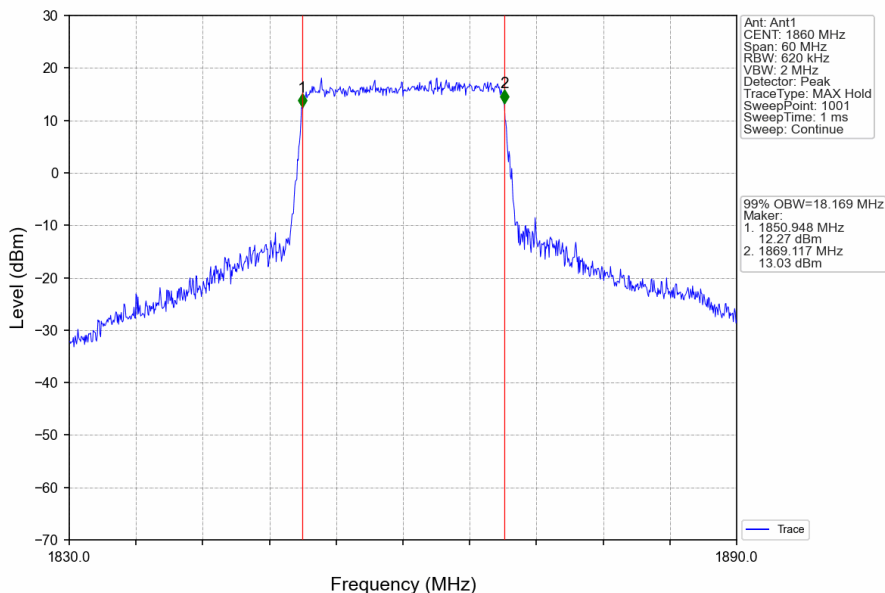
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Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

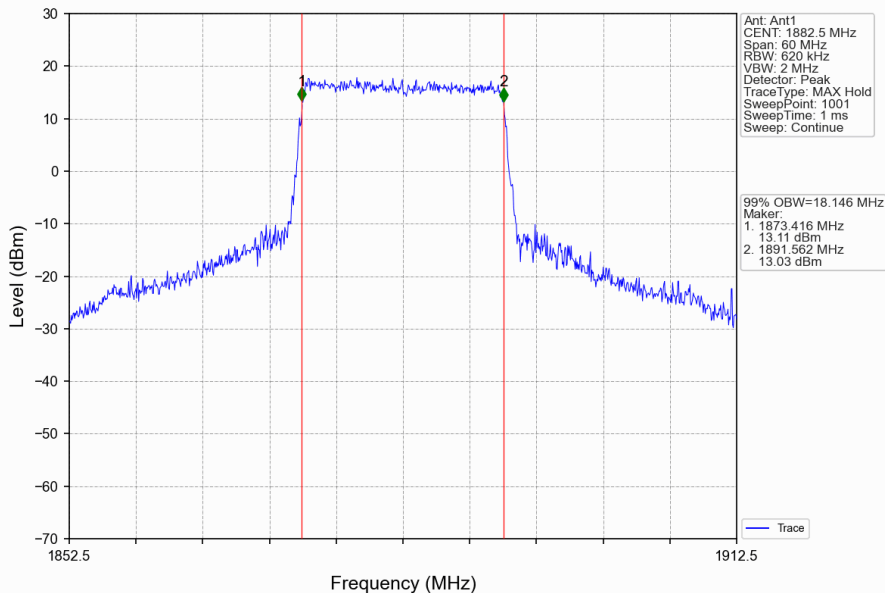


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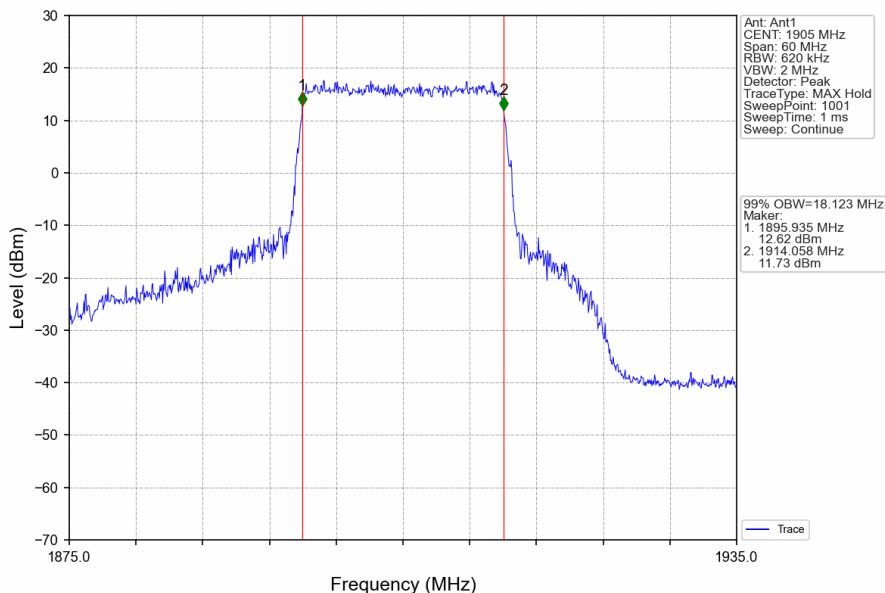
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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



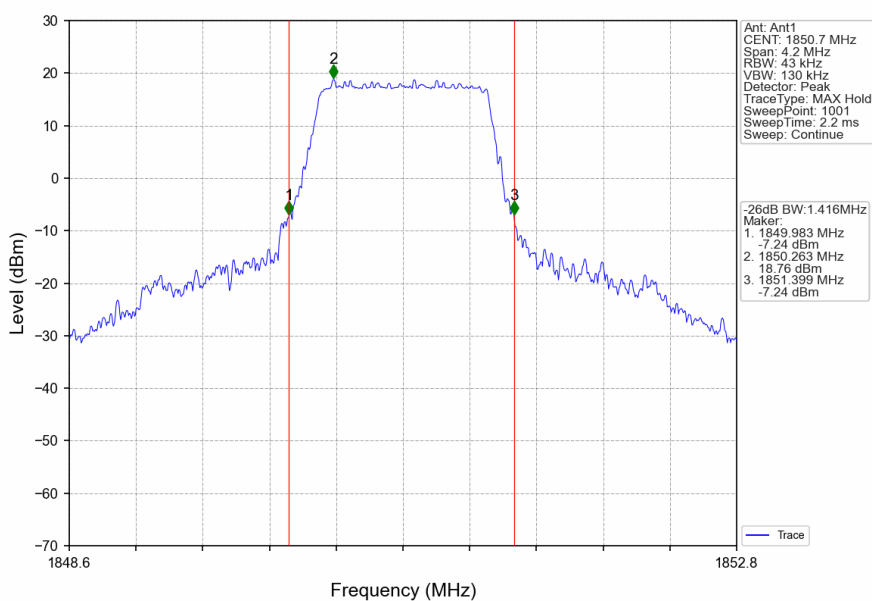
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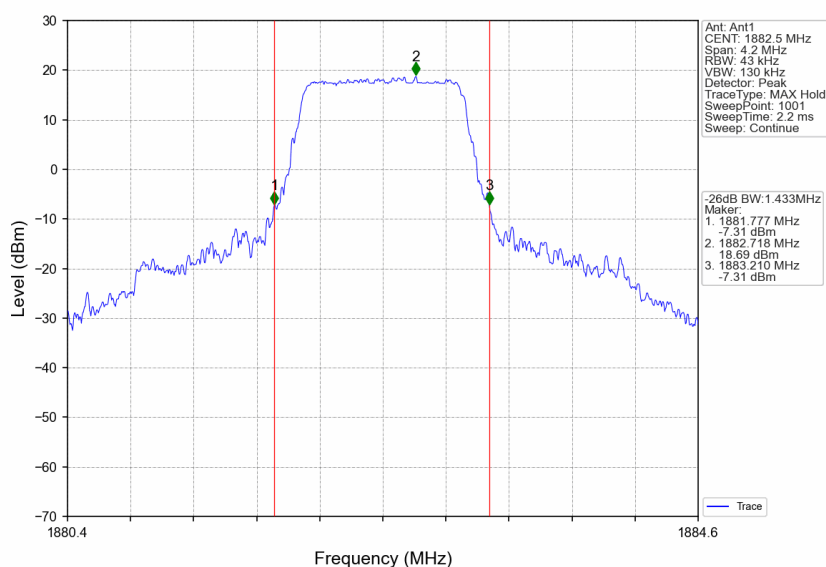
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3.2.2 Band25_XDB

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV

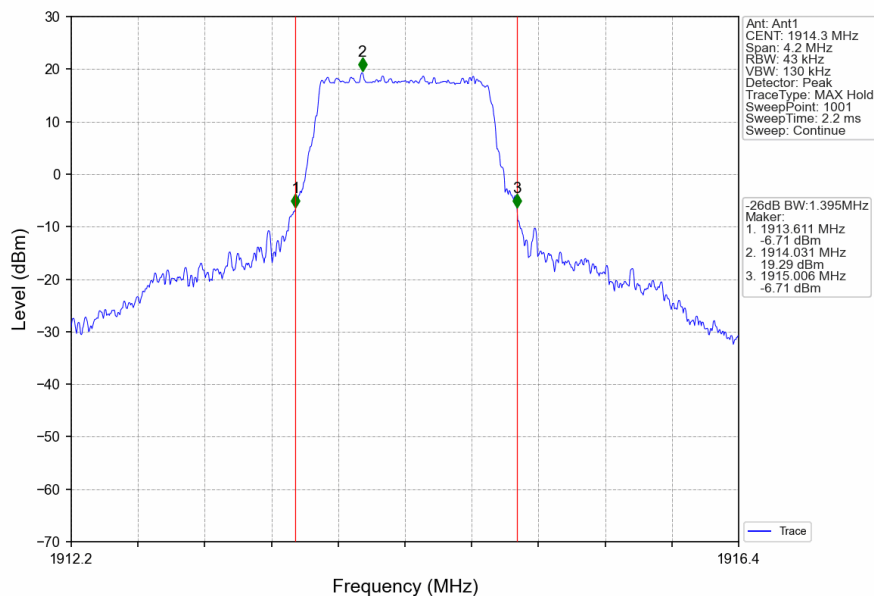


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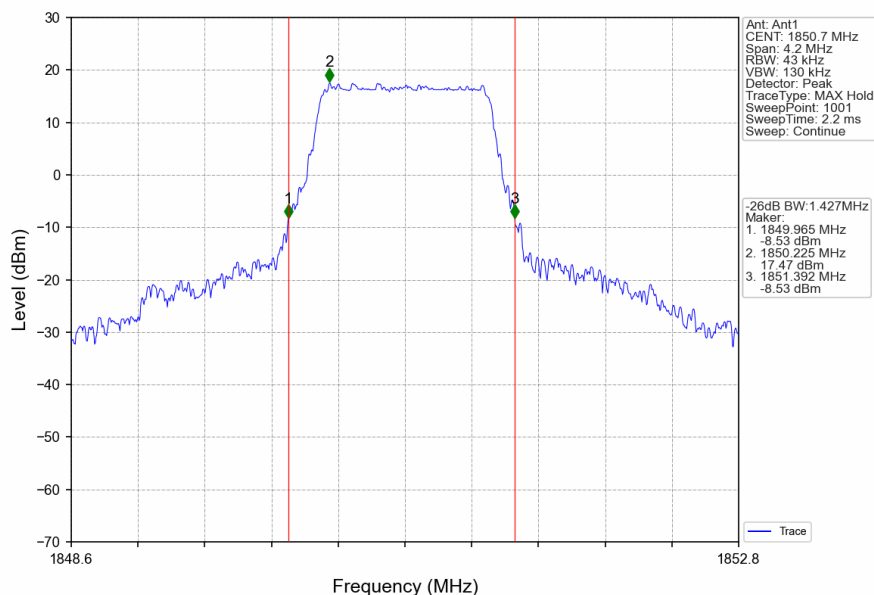
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

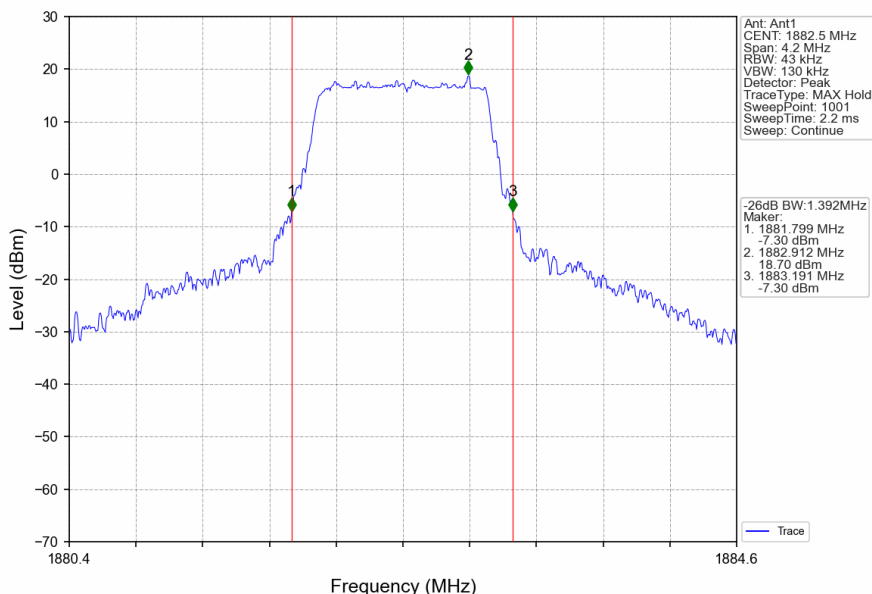


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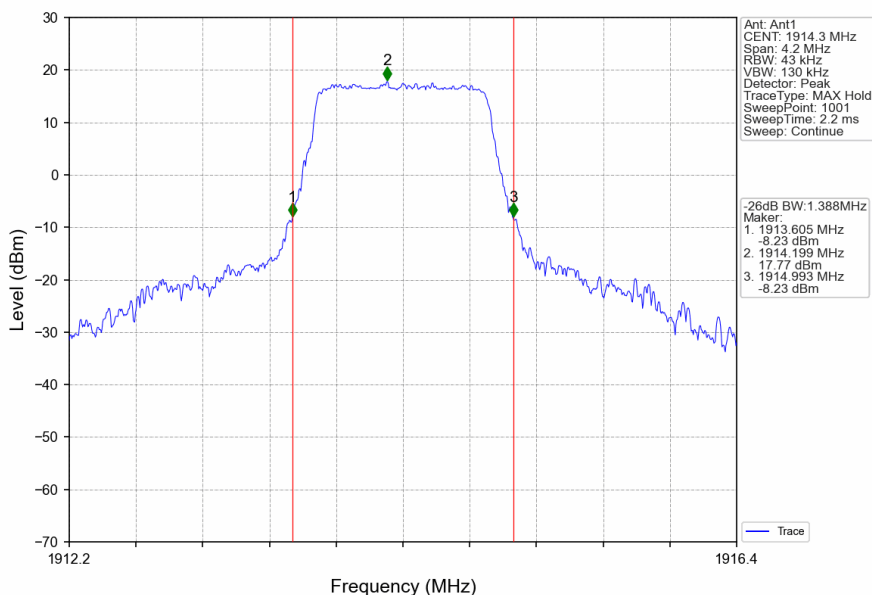
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

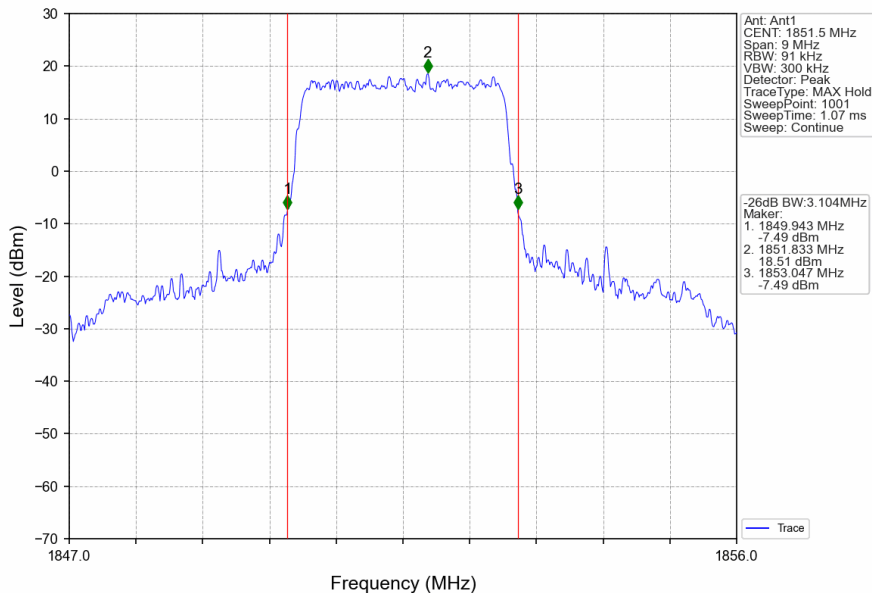


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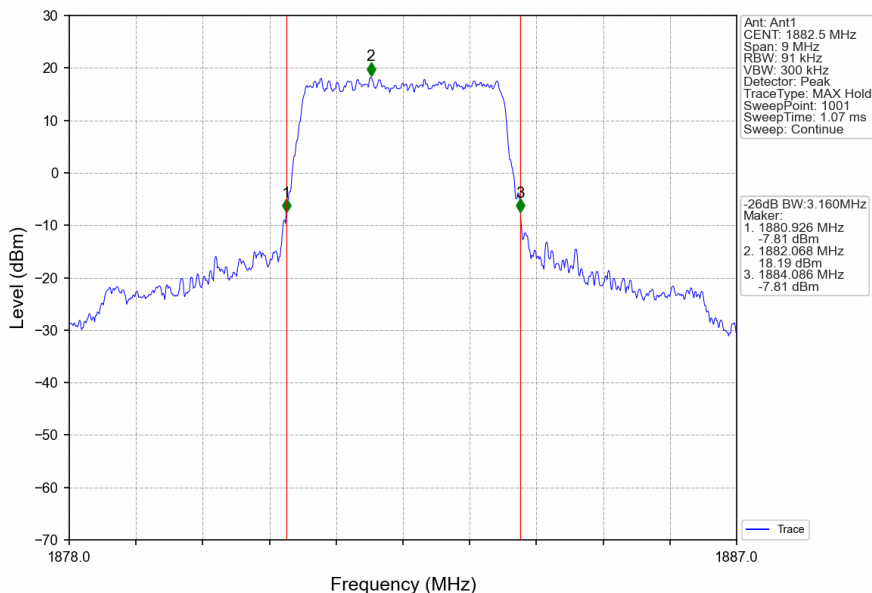
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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

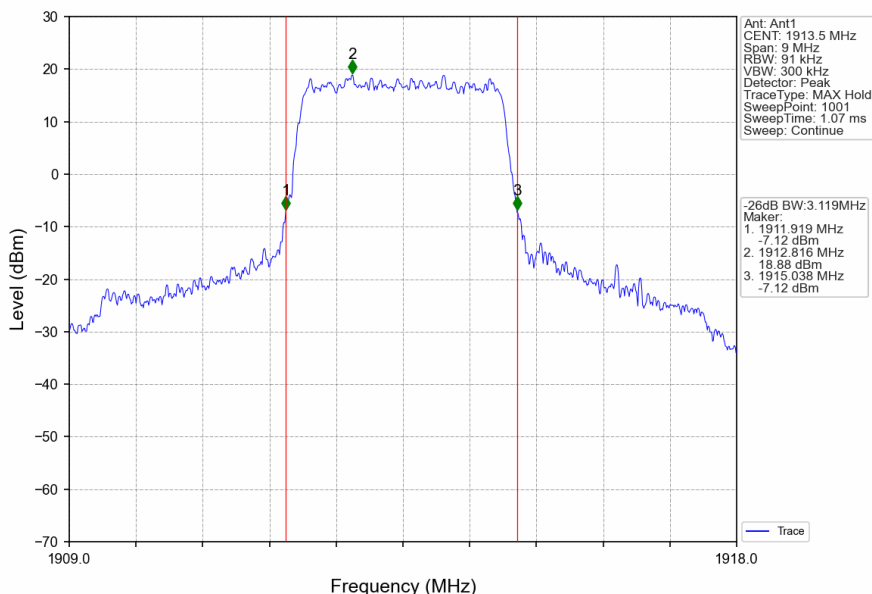


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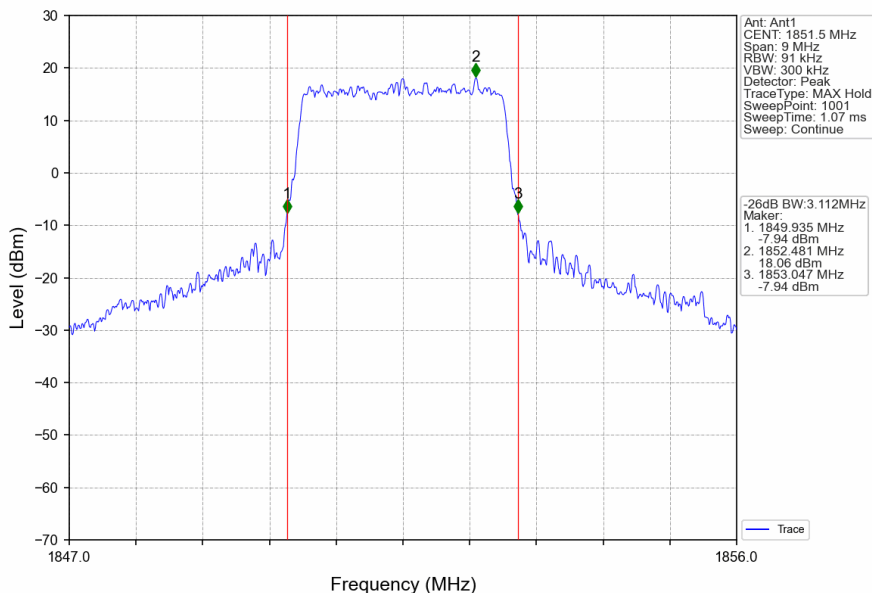
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

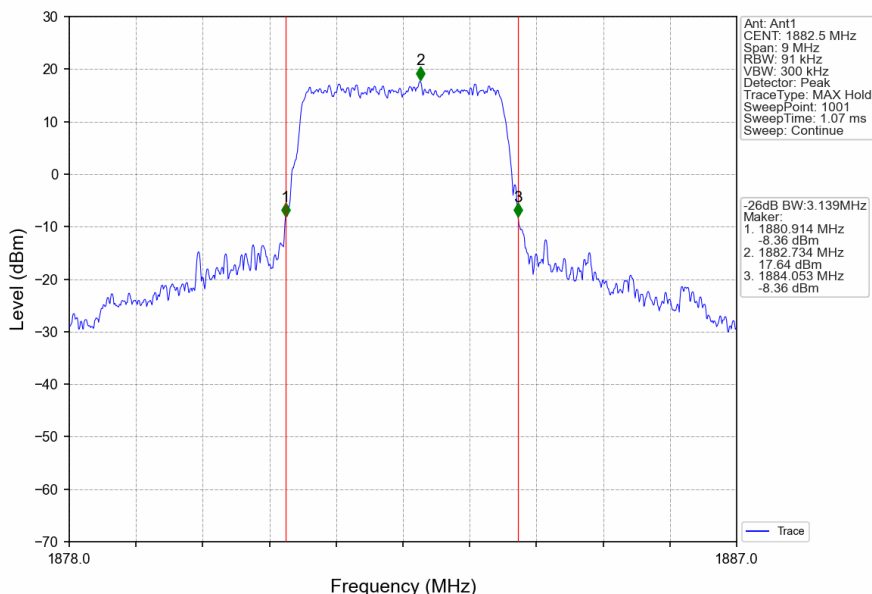


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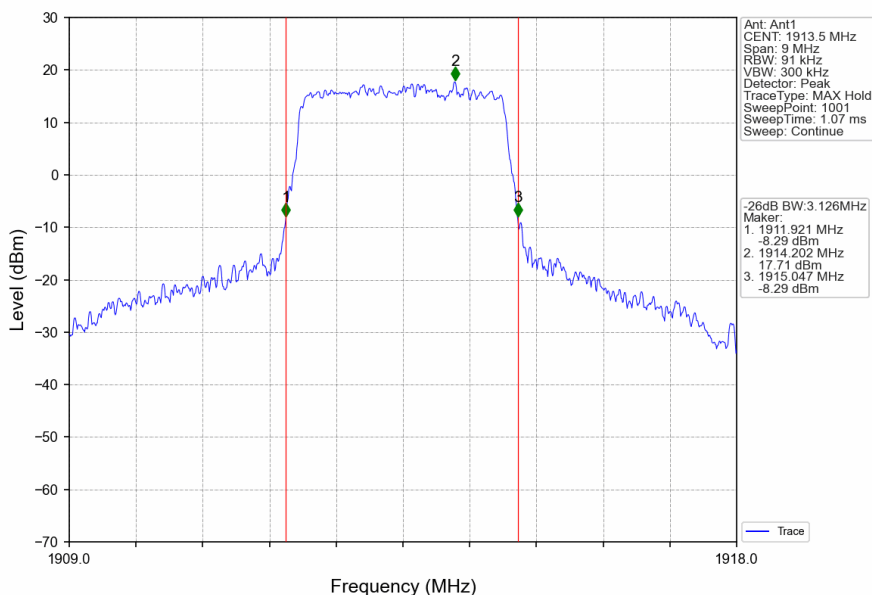
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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