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Appendix B.6

LTE Band 2



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1. Frequency Stability

1.1 B2_1.4MHz

1.1.1 Test Result

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	3.8	4.793	0.0026	-2.5 to 2.5	Pass	
					4.0	9.189	0.0050	-2.5 to 2.5	Pass	
					4.2	5.795	0.0031	-2.5 to 2.5	Pass	
				-30	4.0	1.055	0.0006	-2.5 to 2.5	Pass	
					-20	4.0	4.010	0.0022	-2.5 to 2.5	Pass
						4.0	-1.530	-0.0008	-2.5 to 2.5	Pass
				-10	4.0	-3.799	-0.0021	-2.5 to 2.5	Pass	
					4.0	5.532	0.0030	-2.5 to 2.5	Pass	
				0	4.0	0.101	0.0001	-2.5 to 2.5	Pass	
					4.0	4.697	0.0025	-2.5 to 2.5	Pass	
	4.0	7.674	0.0041	-2.5 to 2.5	Pass					
	1880	6	0	20	3.8	0.545	0.0003	-2.5 to 2.5	Pass	
					4.0	-2.130	-0.0011	-2.5 to 2.5	Pass	
					4.2	-1.896	-0.0010	-2.5 to 2.5	Pass	
				-30	4.0	-5.003	-0.0027	-2.5 to 2.5	Pass	
					-20	4.0	-13.850	-0.0074	-2.5 to 2.5	Pass
						4.0	-7.784	-0.0041	-2.5 to 2.5	Pass
				-10	4.0	-10.736	-0.0057	-2.5 to 2.5	Pass	
					4.0	-8.678	-0.0046	-2.5 to 2.5	Pass	
				0	4.0	-19.810	-0.0105	-2.5 to 2.5	Pass	
					4.0	-15.912	-0.0085	-2.5 to 2.5	Pass	
	4.0	-16.433	-0.0087	-2.5 to 2.5	Pass					
	1909.3	6	0	20	3.8	-0.698	-0.0004	-2.5 to 2.5	Pass	
					4.0	7.242	0.0038	-2.5 to 2.5	Pass	
					4.2	9.526	0.0050	-2.5 to 2.5	Pass	
				-30	4.0	12.327	0.0065	-2.5 to 2.5	Pass	
					-20	4.0	15.733	0.0082	-2.5 to 2.5	Pass
						4.0	13.923	0.0073	-2.5 to 2.5	Pass
				-10	4.0	14.254	0.0075	-2.5 to 2.5	Pass	
					4.0	16.557	0.0087	-2.5 to 2.5	Pass	
0				4.0	14.300	0.0075	-2.5 to 2.5	Pass		
				4.0	3.130	0.0016	-2.5 to 2.5	Pass		
4.0	3.934	0.0021	-2.5 to 2.5	Pass						
16QAM	1850.7	6	0	20	3.8	-0.068	0.0000	-2.5 to 2.5	Pass	
					4.0	1.848	0.0010	-2.5 to 2.5	Pass	
					4.2	5.346	0.0029	-2.5 to 2.5	Pass	
				-30	4.0	1.858	0.0010	-2.5 to 2.5	Pass	
					4.0	-7.595	-0.0041	-2.5 to 2.5	Pass	
				-10	4.0	2.671	0.0014	-2.5 to 2.5	Pass	
0	4.0	-6.413	-0.0035	-2.5 to 2.5	Pass					



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64QAM	1880	6	0	10	4.0	3.394	0.0018	-2.5 to 2.5	Pass			
				30	4.0	4.250	0.0023	-2.5 to 2.5	Pass			
				40	4.0	2.769	0.0015	-2.5 to 2.5	Pass			
				50	4.0	0.652	0.0004	-2.5 to 2.5	Pass			
				20	3.8	-18.947	-0.0101	-2.5 to 2.5	Pass			
					4.0	-20.264	-0.0108	-2.5 to 2.5	Pass			
					4.2	-22.488	-0.0120	-2.5 to 2.5	Pass			
				-30	4.0	-16.515	-0.0088	-2.5 to 2.5	Pass			
				-20	4.0	-10.932	-0.0058	-2.5 to 2.5	Pass			
				-10	4.0	-8.446	-0.0045	-2.5 to 2.5	Pass			
				0	4.0	-3.885	-0.0021	-2.5 to 2.5	Pass			
				10	4.0	-6.615	-0.0035	-2.5 to 2.5	Pass			
				30	4.0	-2.949	-0.0016	-2.5 to 2.5	Pass			
				40	4.0	-3.078	-0.0016	-2.5 to 2.5	Pass			
	50	4.0	-7.789	-0.0041	-2.5 to 2.5	Pass						
	1909.3	6	0	20	3.8	-4.579	-0.0024	-2.5 to 2.5	Pass			
					4.0	-0.123	-0.0001	-2.5 to 2.5	Pass			
					4.2	0.564	0.0003	-2.5 to 2.5	Pass			
				-30	4.0	8.315	0.0044	-2.5 to 2.5	Pass			
				-20	4.0	7.157	0.0037	-2.5 to 2.5	Pass			
				-10	4.0	1.075	0.0006	-2.5 to 2.5	Pass			
				0	4.0	-3.163	-0.0017	-2.5 to 2.5	Pass			
				10	4.0	7.699	0.0040	-2.5 to 2.5	Pass			
				30	4.0	2.905	0.0015	-2.5 to 2.5	Pass			
				40	4.0	-7.515	-0.0039	-2.5 to 2.5	Pass			
				50	4.0	-6.433	-0.0034	-2.5 to 2.5	Pass			
				1850.7	6	0	20	3.8	8.809	0.0048	-2.5 to 2.5	Pass
								4.0	13.602	0.0073	-2.5 to 2.5	Pass
4.2								-4.074	-0.0022	-2.5 to 2.5	Pass	
-30	4.0	18.733	0.0101				-2.5 to 2.5	Pass				
-20	4.0	13.169	0.0071				-2.5 to 2.5	Pass				
-10	4.0	13.409	0.0072				-2.5 to 2.5	Pass				
0	4.0	10.665	0.0058				-2.5 to 2.5	Pass				
10	4.0	2.203	0.0012				-2.5 to 2.5	Pass				
30	4.0	0.233	0.0001				-2.5 to 2.5	Pass				
40	4.0	6.610	0.0036				-2.5 to 2.5	Pass				
50	4.0	6.498	0.0035				-2.5 to 2.5	Pass				
1880	6	0	20				3.8	-8.968	-0.0048	-2.5 to 2.5	Pass	
							4.0	-0.309	-0.0002	-2.5 to 2.5	Pass	
							4.2	-1.126	-0.0006	-2.5 to 2.5	Pass	
			-30	4.0	-4.909	-0.0026	-2.5 to 2.5	Pass				
			-20	4.0	-5.806	-0.0031	-2.5 to 2.5	Pass				
			-10	4.0	-7.709	-0.0041	-2.5 to 2.5	Pass				
			0	4.0	-0.085	0.0000	-2.5 to 2.5	Pass				
			10	4.0	1.463	0.0008	-2.5 to 2.5	Pass				
			30	4.0	-0.970	-0.0005	-2.5 to 2.5	Pass				
			40	4.0	-3.889	-0.0021	-2.5 to 2.5	Pass				
			50	4.0	2.840	0.0015	-2.5 to 2.5	Pass				
			1909.3	6	0	20	3.8	-6.431	-0.0034	-2.5 to 2.5	Pass	
							4.0	0.097	0.0001	-2.5 to 2.5	Pass	



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				4.2	4.072	0.0021	-2.5 to 2.5	Pass
				-30	4.0	0.259	-2.5 to 2.5	Pass
				-20	4.0	-6.139	-2.5 to 2.5	Pass
				-10	4.0	6.522	-2.5 to 2.5	Pass
				0	4.0	-3.817	-2.5 to 2.5	Pass
				10	4.0	-6.313	-2.5 to 2.5	Pass
				30	4.0	-4.661	-2.5 to 2.5	Pass
				40	4.0	-0.325	-2.5 to 2.5	Pass
				50	4.0	-1.916	-2.5 to 2.5	Pass



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1.2 B2_3MHz

1.2.1 Test Result

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	3.8	-3.242	-0.0018	-2.5 to 2.5	Pass	
					4.0	3.527	0.0019	-2.5 to 2.5	Pass	
					4.2	0.446	0.0002	-2.5 to 2.5	Pass	
				-30	4.0	-2.535	-0.0014	-2.5 to 2.5	Pass	
					-20	4.0	5.412	0.0029	-2.5 to 2.5	Pass
						4.0	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	4.0	-3.793	-0.0020	-2.5 to 2.5	Pass	
				10	4.0	-0.357	-0.0002	-2.5 to 2.5	Pass	
				30	4.0	4.483	0.0024	-2.5 to 2.5	Pass	
	40	4.0	0.103	0.0001	-2.5 to 2.5	Pass				
	50	4.0	3.384	0.0018	-2.5 to 2.5	Pass				
	1880	15	0	20	3.8	-3.427	-0.0018	-2.5 to 2.5	Pass	
					4.0	-4.317	-0.0023	-2.5 to 2.5	Pass	
					4.2	5.245	0.0028	-2.5 to 2.5	Pass	
				-30	4.0	-5.189	-0.0028	-2.5 to 2.5	Pass	
					-20	4.0	1.398	0.0007	-2.5 to 2.5	Pass
						4.0	-4.302	-0.0023	-2.5 to 2.5	Pass
				0	4.0	-3.147	-0.0017	-2.5 to 2.5	Pass	
				10	4.0	-5.062	-0.0027	-2.5 to 2.5	Pass	
				30	4.0	-6.402	-0.0034	-2.5 to 2.5	Pass	
	40	4.0	4.786	0.0025	-2.5 to 2.5	Pass				
	50	4.0	-3.499	-0.0019	-2.5 to 2.5	Pass				
	1908.5	15	0	20	3.8	1.234	0.0006	-2.5 to 2.5	Pass	
					4.0	3.860	0.0020	-2.5 to 2.5	Pass	
					4.2	5.211	0.0027	-2.5 to 2.5	Pass	
				-30	4.0	0.619	0.0003	-2.5 to 2.5	Pass	
					-20	4.0	-6.937	-0.0036	-2.5 to 2.5	Pass
4.0						7.818	0.0041	-2.5 to 2.5	Pass	
0				4.0	6.089	0.0032	-2.5 to 2.5	Pass		
10				4.0	1.817	0.0010	-2.5 to 2.5	Pass		
30				4.0	6.636	0.0035	-2.5 to 2.5	Pass		
40	4.0	-1.191	-0.0006	-2.5 to 2.5	Pass					
50	4.0	2.857	0.0015	-2.5 to 2.5	Pass					
16QAM	1851.5	15	0	20	3.8	-3.777	-0.0020	-2.5 to 2.5	Pass	
					4.0	8.470	0.0046	-2.5 to 2.5	Pass	
					4.2	3.065	0.0017	-2.5 to 2.5	Pass	
				-30	4.0	2.962	0.0016	-2.5 to 2.5	Pass	
					-20	4.0	5.362	0.0029	-2.5 to 2.5	Pass
						4.0	6.332	0.0034	-2.5 to 2.5	Pass
				0	4.0	-5.282	-0.0029	-2.5 to 2.5	Pass	
				10	4.0	-3.067	-0.0017	-2.5 to 2.5	Pass	
				30	4.0	-0.844	-0.0005	-2.5 to 2.5	Pass	



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				50	4.0	-8.227	-0.0044	-2.5 to 2.5	Pass
				20	3.8	-1.796	-0.0010	-2.5 to 2.5	Pass
					4.0	9.043	0.0048	-2.5 to 2.5	Pass
					4.2	4.811	0.0026	-2.5 to 2.5	Pass
				-30	4.0	4.991	0.0027	-2.5 to 2.5	Pass
				-20	4.0	6.971	0.0037	-2.5 to 2.5	Pass
				-10	4.0	7.123	0.0038	-2.5 to 2.5	Pass
				0	4.0	-0.612	-0.0003	-2.5 to 2.5	Pass
				10	4.0	-5.468	-0.0029	-2.5 to 2.5	Pass
				30	4.0	-7.355	-0.0039	-2.5 to 2.5	Pass
				40	4.0	-4.864	-0.0026	-2.5 to 2.5	Pass
	50	4.0	-3.233	-0.0017	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.8	6.388	0.0033	-2.5 to 2.5	Pass
					4.0	-6.659	-0.0035	-2.5 to 2.5	Pass
					4.2	-7.988	-0.0042	-2.5 to 2.5	Pass
				-30	4.0	1.222	0.0006	-2.5 to 2.5	Pass
				-20	4.0	0.902	0.0005	-2.5 to 2.5	Pass
				-10	4.0	2.257	0.0012	-2.5 to 2.5	Pass
				0	4.0	1.066	0.0006	-2.5 to 2.5	Pass
				10	4.0	-1.266	-0.0007	-2.5 to 2.5	Pass
				30	4.0	-1.649	-0.0009	-2.5 to 2.5	Pass
				40	4.0	6.612	0.0035	-2.5 to 2.5	Pass
				50	4.0	6.400	0.0034	-2.5 to 2.5	Pass
1851.5				15	0	20	3.8	-6.457	-0.0035
	4.0	-5.086	-0.0027				-2.5 to 2.5	Pass	
	4.2	9.154	0.0049				-2.5 to 2.5	Pass	
	-30	4.0	0.269			0.0001	-2.5 to 2.5	Pass	
	-20	4.0	-1.173			-0.0006	-2.5 to 2.5	Pass	
	-10	4.0	-3.742			-0.0020	-2.5 to 2.5	Pass	
	0	4.0	-0.960			-0.0005	-2.5 to 2.5	Pass	
	10	4.0	9.296			0.0050	-2.5 to 2.5	Pass	
	30	4.0	-5.500			-0.0030	-2.5 to 2.5	Pass	
	40	4.0	-2.800			-0.0015	-2.5 to 2.5	Pass	
	50	4.0	-2.192			-0.0012	-2.5 to 2.5	Pass	
	1880	15	0			20	3.8	-7.458	-0.0040
				4.0	-5.831		-0.0031	-2.5 to 2.5	Pass
				4.2	-0.885		-0.0005	-2.5 to 2.5	Pass
				-30	4.0	-1.268	-0.0007	-2.5 to 2.5	Pass
				-20	4.0	3.921	0.0021	-2.5 to 2.5	Pass
				-10	4.0	6.154	0.0033	-2.5 to 2.5	Pass
				0	4.0	-1.722	-0.0009	-2.5 to 2.5	Pass
				10	4.0	1.982	0.0011	-2.5 to 2.5	Pass
				30	4.0	0.260	0.0001	-2.5 to 2.5	Pass
				40	4.0	3.896	0.0021	-2.5 to 2.5	Pass
				50	4.0	3.134	0.0017	-2.5 to 2.5	Pass
				1908.5	15	0	20	3.8	0.911
	4.0	-2.446	-0.0013					-2.5 to 2.5	Pass
4.2	5.905	0.0031	-2.5 to 2.5					Pass	
-30	4.0	2.569	0.0013				-2.5 to 2.5	Pass	



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				-20	4.0	-0.577	-0.0003	-2.5 to 2.5	Pass
				-10	4.0	8.797	0.0046	-2.5 to 2.5	Pass
				0	4.0	-6.494	-0.0034	-2.5 to 2.5	Pass
				10	4.0	0.692	0.0004	-2.5 to 2.5	Pass
				30	4.0	-7.089	-0.0037	-2.5 to 2.5	Pass
				40	4.0	-3.967	-0.0021	-2.5 to 2.5	Pass
				50	4.0	-2.457	-0.0013	-2.5 to 2.5	Pass



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1.3 B2_5MHz

1.3.1 Test Result

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	3.8	-5.606	-0.0030	-2.5 to 2.5	Pass	
					4.0	5.789	0.0031	-2.5 to 2.5	Pass	
					4.2	-4.710	-0.0025	-2.5 to 2.5	Pass	
				-30	4.0	-6.815	-0.0037	-2.5 to 2.5	Pass	
					-20	4.0	5.653	0.0031	-2.5 to 2.5	Pass
						4.0	3.690	0.0020	-2.5 to 2.5	Pass
				0	4.0	-0.298	-0.0002	-2.5 to 2.5	Pass	
					10	4.0	2.641	0.0014	-2.5 to 2.5	Pass
				30	4.0	3.552	0.0019	-2.5 to 2.5	Pass	
	40	4.0	2.267	0.0012	-2.5 to 2.5	Pass				
	50	4.0	-7.225	-0.0039	-2.5 to 2.5	Pass				
	1880	25	0	20	3.8	0.547	0.0003	-2.5 to 2.5	Pass	
					4.0	6.572	0.0035	-2.5 to 2.5	Pass	
					4.2	4.984	0.0027	-2.5 to 2.5	Pass	
				-30	4.0	0.904	0.0005	-2.5 to 2.5	Pass	
					-20	4.0	3.563	0.0019	-2.5 to 2.5	Pass
						4.0	8.314	0.0044	-2.5 to 2.5	Pass
				0	4.0	-0.279	-0.0001	-2.5 to 2.5	Pass	
					10	4.0	-1.728	-0.0009	-2.5 to 2.5	Pass
				30	4.0	-4.378	-0.0023	-2.5 to 2.5	Pass	
	40	4.0	-3.426	-0.0018	-2.5 to 2.5	Pass				
	50	4.0	5.213	0.0028	-2.5 to 2.5	Pass				
	1907.5	25	0	20	3.8	-5.463	-0.0029	-2.5 to 2.5	Pass	
					4.0	-8.325	-0.0044	-2.5 to 2.5	Pass	
					4.2	-8.960	-0.0047	-2.5 to 2.5	Pass	
				-30	4.0	-5.491	-0.0029	-2.5 to 2.5	Pass	
					-20	4.0	0.673	0.0004	-2.5 to 2.5	Pass
4.0						-0.169	-0.0001	-2.5 to 2.5	Pass	
0				4.0	6.526	0.0034	-2.5 to 2.5	Pass		
				10	4.0	5.880	0.0031	-2.5 to 2.5	Pass	
30				4.0	4.710	0.0025	-2.5 to 2.5	Pass		
40	4.0	1.244	0.0007	-2.5 to 2.5	Pass					
50	4.0	7.227	0.0038	-2.5 to 2.5	Pass					
16QAM	1852.5	25	0	20	3.8	-0.569	-0.0003	-2.5 to 2.5	Pass	
					4.0	-0.658	-0.0004	-2.5 to 2.5	Pass	
					4.2	1.619	0.0009	-2.5 to 2.5	Pass	
				-30	4.0	-5.981	-0.0032	-2.5 to 2.5	Pass	
					-20	4.0	-0.267	-0.0001	-2.5 to 2.5	Pass
						4.0	-5.023	-0.0027	-2.5 to 2.5	Pass
				0	4.0	1.465	0.0008	-2.5 to 2.5	Pass	
					10	4.0	4.689	0.0025	-2.5 to 2.5	Pass
				30	4.0	-3.937	-0.0021	-2.5 to 2.5	Pass	



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64QAM	1880	25	0	40	4.0	-5.198	-0.0028	-2.5 to 2.5	Pass
				50	4.0	5.205	0.0028	-2.5 to 2.5	Pass
				20	3.8	7.392	0.0039	-2.5 to 2.5	Pass
					4.0	2.086	0.0011	-2.5 to 2.5	Pass
					4.2	1.463	0.0008	-2.5 to 2.5	Pass
				-30	4.0	-0.353	-0.0002	-2.5 to 2.5	Pass
				-20	4.0	-4.369	-0.0023	-2.5 to 2.5	Pass
				-10	4.0	1.756	0.0009	-2.5 to 2.5	Pass
				0	4.0	-1.306	-0.0007	-2.5 to 2.5	Pass
				10	4.0	-6.384	-0.0034	-2.5 to 2.5	Pass
				30	4.0	4.027	0.0021	-2.5 to 2.5	Pass
				40	4.0	5.246	0.0028	-2.5 to 2.5	Pass
	50	4.0	6.234	0.0033	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.8	2.384	0.0012	-2.5 to 2.5	Pass
					4.0	3.638	0.0019	-2.5 to 2.5	Pass
					4.2	-1.886	-0.0010	-2.5 to 2.5	Pass
				-30	4.0	0.240	0.0001	-2.5 to 2.5	Pass
				-20	4.0	4.457	0.0023	-2.5 to 2.5	Pass
				-10	4.0	-5.121	-0.0027	-2.5 to 2.5	Pass
				0	4.0	-5.963	-0.0031	-2.5 to 2.5	Pass
				10	4.0	5.564	0.0029	-2.5 to 2.5	Pass
				30	4.0	6.163	0.0032	-2.5 to 2.5	Pass
				40	4.0	0.731	0.0004	-2.5 to 2.5	Pass
				50	4.0	5.486	0.0029	-2.5 to 2.5	Pass
1852.5				25	0	20	3.8	1.001	0.0005
	4.0	6.931	0.0037				-2.5 to 2.5	Pass	
	4.2	-1.243	-0.0007				-2.5 to 2.5	Pass	
	-30	4.0	8.841			0.0048	-2.5 to 2.5	Pass	
	-20	4.0	7.257			0.0039	-2.5 to 2.5	Pass	
	-10	4.0	6.378			0.0034	-2.5 to 2.5	Pass	
	0	4.0	5.152			0.0028	-2.5 to 2.5	Pass	
	10	4.0	0.535			0.0003	-2.5 to 2.5	Pass	
	30	4.0	-2.405			-0.0013	-2.5 to 2.5	Pass	
	40	4.0	-7.216			-0.0039	-2.5 to 2.5	Pass	
	50	4.0	-6.399			-0.0035	-2.5 to 2.5	Pass	
	1880	25	0			20	3.8	-1.857	-0.0010
				4.0	1.380		0.0007	-2.5 to 2.5	Pass
				4.2	-1.340		-0.0007	-2.5 to 2.5	Pass
				-30	4.0	-3.999	-0.0021	-2.5 to 2.5	Pass
				-20	4.0	1.145	0.0006	-2.5 to 2.5	Pass
				-10	4.0	1.115	0.0006	-2.5 to 2.5	Pass
				0	4.0	0.373	0.0002	-2.5 to 2.5	Pass
				10	4.0	7.051	0.0038	-2.5 to 2.5	Pass
				30	4.0	2.876	0.0015	-2.5 to 2.5	Pass
				40	4.0	7.726	0.0041	-2.5 to 2.5	Pass
				50	4.0	-5.122	-0.0027	-2.5 to 2.5	Pass
				1907.5	25	0	20	3.8	4.898
	4.0	7.612	0.0040					-2.5 to 2.5	Pass
4.2	-3.956	-0.0021	-2.5 to 2.5					Pass	
-30	4.0	0.414	0.0002				-2.5 to 2.5	Pass	



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				-20	4.0	6.621	0.0035	-2.5 to 2.5	Pass
				-10	4.0	2.196	0.0012	-2.5 to 2.5	Pass
				0	4.0	-4.627	-0.0024	-2.5 to 2.5	Pass
				10	4.0	4.584	0.0024	-2.5 to 2.5	Pass
				30	4.0	5.867	0.0031	-2.5 to 2.5	Pass
				40	4.0	1.996	0.0010	-2.5 to 2.5	Pass
				50	4.0	3.697	0.0019	-2.5 to 2.5	Pass



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1.4 B2_10MHz

1.4.1 Test Result

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	3.8	-5.824	-0.0031	-2.5 to 2.5	Pass	
					4.0	3.071	0.0017	-2.5 to 2.5	Pass	
					4.2	-5.300	-0.0029	-2.5 to 2.5	Pass	
				-30	4.0	-5.806	-0.0031	-2.5 to 2.5	Pass	
					-20	4.0	-1.355	-0.0007	-2.5 to 2.5	Pass
						-10	4.0	8.311	0.0045	-2.5 to 2.5
				0	4.0	-0.507	-0.0003	-2.5 to 2.5	Pass	
					10	4.0	-2.543	-0.0014	-2.5 to 2.5	Pass
				30	4.0	5.347	0.0029	-2.5 to 2.5	Pass	
	40	4.0	3.041	0.0016	-2.5 to 2.5	Pass				
	50	4.0	3.698	0.0020	-2.5 to 2.5	Pass				
	1880	50	0	20	3.8	4.662	0.0025	-2.5 to 2.5	Pass	
					4.0	-5.587	-0.0030	-2.5 to 2.5	Pass	
					4.2	-2.653	-0.0014	-2.5 to 2.5	Pass	
				-30	4.0	7.914	0.0042	-2.5 to 2.5	Pass	
					-20	4.0	7.315	0.0039	-2.5 to 2.5	Pass
						-10	4.0	-1.176	-0.0006	-2.5 to 2.5
				0	4.0	-2.469	-0.0013	-2.5 to 2.5	Pass	
					10	4.0	-5.290	-0.0028	-2.5 to 2.5	Pass
				30	4.0	-4.487	-0.0024	-2.5 to 2.5	Pass	
	40	4.0	5.077	0.0027	-2.5 to 2.5	Pass				
	50	4.0	-3.689	-0.0020	-2.5 to 2.5	Pass				
	1905	50	0	20	3.8	2.990	0.0016	-2.5 to 2.5	Pass	
					4.0	-0.658	-0.0003	-2.5 to 2.5	Pass	
					4.2	5.456	0.0029	-2.5 to 2.5	Pass	
				-30	4.0	-7.040	-0.0037	-2.5 to 2.5	Pass	
					-20	4.0	-1.087	-0.0006	-2.5 to 2.5	Pass
-10						4.0	6.320	0.0033	-2.5 to 2.5	Pass
0				4.0	-5.122	-0.0027	-2.5 to 2.5	Pass		
				10	4.0	1.465	0.0008	-2.5 to 2.5	Pass	
30				4.0	3.723	0.0020	-2.5 to 2.5	Pass		
40	4.0	6.135	0.0032	-2.5 to 2.5	Pass					
50	4.0	-6.690	-0.0035	-2.5 to 2.5	Pass					
16QAM	1855	50	0	20	3.8	3.322	0.0018	-2.5 to 2.5	Pass	
					4.0	-1.886	-0.0010	-2.5 to 2.5	Pass	
					4.2	-0.491	-0.0003	-2.5 to 2.5	Pass	
				-30	4.0	1.803	0.0010	-2.5 to 2.5	Pass	
					-20	4.0	8.556	0.0046	-2.5 to 2.5	Pass
						-10	4.0	-3.316	-0.0018	-2.5 to 2.5
				0	4.0	4.121	0.0022	-2.5 to 2.5	Pass	
					10	4.0	2.793	0.0015	-2.5 to 2.5	Pass
				30	4.0	5.570	0.0030	-2.5 to 2.5	Pass	



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64QAM	1880	50	0	40	4.0	2.145	0.0012	-2.5 to 2.5	Pass		
				50	4.0	-0.404	-0.0002	-2.5 to 2.5	Pass		
				20	3.8	5.352	0.0028	-2.5 to 2.5	Pass		
					4.0	-5.440	-0.0029	-2.5 to 2.5	Pass		
					4.2	6.644	0.0035	-2.5 to 2.5	Pass		
				-30	4.0	2.726	0.0014	-2.5 to 2.5	Pass		
				-20	4.0	0.676	0.0004	-2.5 to 2.5	Pass		
				-10	4.0	0.915	0.0005	-2.5 to 2.5	Pass		
				0	4.0	3.364	0.0018	-2.5 to 2.5	Pass		
				10	4.0	7.197	0.0038	-2.5 to 2.5	Pass		
				30	4.0	-6.842	-0.0036	-2.5 to 2.5	Pass		
				40	4.0	6.097	0.0032	-2.5 to 2.5	Pass		
				50	4.0	6.828	0.0036	-2.5 to 2.5	Pass		
				1905	50	0	20	3.8	-5.651	-0.0030	-2.5 to 2.5
	4.0	5.292	0.0028					-2.5 to 2.5	Pass		
	4.2	-0.883	-0.0005					-2.5 to 2.5	Pass		
	-30	4.0	6.229				0.0033	-2.5 to 2.5	Pass		
	-20	4.0	8.453				0.0044	-2.5 to 2.5	Pass		
	-10	4.0	-0.645				-0.0003	-2.5 to 2.5	Pass		
	0	4.0	7.187				0.0038	-2.5 to 2.5	Pass		
	10	4.0	-6.074				-0.0032	-2.5 to 2.5	Pass		
	30	4.0	6.532				0.0034	-2.5 to 2.5	Pass		
	40	4.0	-5.593				-0.0029	-2.5 to 2.5	Pass		
	50	4.0	7.480				0.0039	-2.5 to 2.5	Pass		
	1855	50	0				20	3.8	-0.634	-0.0003	-2.5 to 2.5
				4.0	-0.324	-0.0002		-2.5 to 2.5	Pass		
4.2				-0.459	-0.0002	-2.5 to 2.5		Pass			
-30				4.0	5.418	0.0029	-2.5 to 2.5	Pass			
-20				4.0	3.532	0.0019	-2.5 to 2.5	Pass			
-10				4.0	-7.197	-0.0039	-2.5 to 2.5	Pass			
0				4.0	-2.315	-0.0012	-2.5 to 2.5	Pass			
10				4.0	4.540	0.0024	-2.5 to 2.5	Pass			
30				4.0	-4.939	-0.0027	-2.5 to 2.5	Pass			
40				4.0	8.186	0.0044	-2.5 to 2.5	Pass			
50				4.0	7.472	0.0040	-2.5 to 2.5	Pass			
1880				50	0	20	3.8	-0.377	-0.0002	-2.5 to 2.5	Pass
							4.0	-2.972	-0.0016	-2.5 to 2.5	Pass
							4.2	7.165	0.0038	-2.5 to 2.5	Pass
		-30	4.0			-0.777	-0.0004	-2.5 to 2.5	Pass		
		-20	4.0			5.791	0.0031	-2.5 to 2.5	Pass		
		-10	4.0			-0.920	-0.0005	-2.5 to 2.5	Pass		
		0	4.0			6.164	0.0033	-2.5 to 2.5	Pass		
		10	4.0			-5.283	-0.0028	-2.5 to 2.5	Pass		
		30	4.0			5.608	0.0030	-2.5 to 2.5	Pass		
		40	4.0			-7.502	-0.0040	-2.5 to 2.5	Pass		
		50	4.0			-1.808	-0.0010	-2.5 to 2.5	Pass		
		1905	50			0	20	3.8	6.196	0.0033	-2.5 to 2.5
4.0				7.012	0.0037			-2.5 to 2.5	Pass		
4.2				-4.417	-0.0023			-2.5 to 2.5	Pass		
-30				4.0	7.193		0.0038	-2.5 to 2.5	Pass		



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				-20	4.0	-1.405	-0.0007	-2.5 to 2.5	Pass
				-10	4.0	4.566	0.0024	-2.5 to 2.5	Pass
				0	4.0	-2.150	-0.0011	-2.5 to 2.5	Pass
				10	4.0	-5.462	-0.0029	-2.5 to 2.5	Pass
				30	4.0	3.954	0.0021	-2.5 to 2.5	Pass
				40	4.0	-6.636	-0.0035	-2.5 to 2.5	Pass
				50	4.0	-5.907	-0.0031	-2.5 to 2.5	Pass



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1.5 B2_15MHz

1.5.1 Test Result

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	3.8	2.354	0.0013	-2.5 to 2.5	Pass	
					4.0	-5.128	-0.0028	-2.5 to 2.5	Pass	
					4.2	-5.374	-0.0029	-2.5 to 2.5	Pass	
				-30	4.0	6.882	0.0037	-2.5 to 2.5	Pass	
					-20	4.0	2.423	0.0013	-2.5 to 2.5	Pass
						4.0	5.271	0.0028	-2.5 to 2.5	Pass
				0	4.0	-1.631	-0.0009	-2.5 to 2.5	Pass	
					10	4.0	-3.128	-0.0017	-2.5 to 2.5	Pass
				30	4.0	1.638	0.0009	-2.5 to 2.5	Pass	
	40	4.0	9.306	0.0050	-2.5 to 2.5	Pass				
	50	4.0	1.097	0.0006	-2.5 to 2.5	Pass				
	1880	75	0	20	3.8	4.282	0.0023	-2.5 to 2.5	Pass	
					4.0	-5.362	-0.0029	-2.5 to 2.5	Pass	
					4.2	1.599	0.0009	-2.5 to 2.5	Pass	
				-30	4.0	0.675	0.0004	-2.5 to 2.5	Pass	
					-20	4.0	5.947	0.0032	-2.5 to 2.5	Pass
						4.0	-2.593	-0.0014	-2.5 to 2.5	Pass
				0	4.0	-0.501	-0.0003	-2.5 to 2.5	Pass	
					10	4.0	3.645	0.0019	-2.5 to 2.5	Pass
				30	4.0	-5.425	-0.0029	-2.5 to 2.5	Pass	
	40	4.0	-0.580	-0.0003	-2.5 to 2.5	Pass				
	50	4.0	-8.459	-0.0045	-2.5 to 2.5	Pass				
	1902.5	75	0	20	3.8	-5.558	-0.0029	-2.5 to 2.5	Pass	
					4.0	5.866	0.0031	-2.5 to 2.5	Pass	
					4.2	-0.319	-0.0002	-2.5 to 2.5	Pass	
				-30	4.0	6.500	0.0034	-2.5 to 2.5	Pass	
					-20	4.0	-0.866	-0.0005	-2.5 to 2.5	Pass
4.0						5.729	0.0030	-2.5 to 2.5	Pass	
0				4.0	-5.983	-0.0031	-2.5 to 2.5	Pass		
				10	4.0	-1.081	-0.0006	-2.5 to 2.5	Pass	
30				4.0	7.302	0.0038	-2.5 to 2.5	Pass		
40	4.0	7.420	0.0039	-2.5 to 2.5	Pass					
50	4.0	-6.076	-0.0032	-2.5 to 2.5	Pass					
16QAM	1857.5	75	0	20	3.8	8.430	0.0045	-2.5 to 2.5	Pass	
					4.0	-2.784	-0.0015	-2.5 to 2.5	Pass	
					4.2	0.168	0.0001	-2.5 to 2.5	Pass	
				-30	4.0	0.700	0.0004	-2.5 to 2.5	Pass	
					-20	4.0	4.834	0.0026	-2.5 to 2.5	Pass
						4.0	-4.943	-0.0027	-2.5 to 2.5	Pass
				0	4.0	-2.021	-0.0011	-2.5 to 2.5	Pass	
					10	4.0	-3.222	-0.0017	-2.5 to 2.5	Pass
				30	4.0	4.314	0.0023	-2.5 to 2.5	Pass	



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64QAM	1880	75	0	40	4.0	1.101	0.0006	-2.5 to 2.5	Pass				
				50	4.0	5.423	0.0029	-2.5 to 2.5	Pass				
				20	3.8	8.848	0.0047	-2.5 to 2.5	Pass				
					4.0	-2.600	-0.0014	-2.5 to 2.5	Pass				
					4.2	-7.986	-0.0042	-2.5 to 2.5	Pass				
				-30	4.0	-4.384	-0.0023	-2.5 to 2.5	Pass				
				-20	4.0	4.020	0.0021	-2.5 to 2.5	Pass				
				-10	4.0	1.888	0.0010	-2.5 to 2.5	Pass				
				0	4.0	5.283	0.0028	-2.5 to 2.5	Pass				
				10	4.0	7.423	0.0039	-2.5 to 2.5	Pass				
				30	4.0	1.746	0.0009	-2.5 to 2.5	Pass				
				40	4.0	-2.855	-0.0015	-2.5 to 2.5	Pass				
				50	4.0	2.568	0.0014	-2.5 to 2.5	Pass				
	1902.5	75	0	20	3.8	0.357	0.0002	-2.5 to 2.5	Pass				
					4.0	-5.272	-0.0028	-2.5 to 2.5	Pass				
					4.2	4.027	0.0021	-2.5 to 2.5	Pass				
				-30	4.0	2.862	0.0015	-2.5 to 2.5	Pass				
				-20	4.0	4.160	0.0022	-2.5 to 2.5	Pass				
				-10	4.0	-7.318	-0.0038	-2.5 to 2.5	Pass				
				0	4.0	-0.608	-0.0003	-2.5 to 2.5	Pass				
				10	4.0	6.392	0.0034	-2.5 to 2.5	Pass				
				30	4.0	6.144	0.0032	-2.5 to 2.5	Pass				
				40	4.0	5.875	0.0031	-2.5 to 2.5	Pass				
				50	4.0	1.131	0.0006	-2.5 to 2.5	Pass				
				64QAM	1857.5	75	0	20	3.8	6.289	0.0034	-2.5 to 2.5	Pass
									4.0	2.783	0.0015	-2.5 to 2.5	Pass
4.2	-3.309	-0.0018	-2.5 to 2.5						Pass				
-30	4.0	9.102	0.0049					-2.5 to 2.5	Pass				
-20	4.0	-6.235	-0.0034					-2.5 to 2.5	Pass				
-10	4.0	-2.213	-0.0012					-2.5 to 2.5	Pass				
0	4.0	6.256	0.0034					-2.5 to 2.5	Pass				
10	4.0	7.026	0.0038					-2.5 to 2.5	Pass				
30	4.0	-2.800	-0.0015					-2.5 to 2.5	Pass				
40	4.0	-0.939	-0.0005					-2.5 to 2.5	Pass				
50	4.0	-0.413	-0.0002					-2.5 to 2.5	Pass				
1880	75	0	20					3.8	5.000	0.0027	-2.5 to 2.5	Pass	
								4.0	6.623	0.0035	-2.5 to 2.5	Pass	
					4.2	-3.018	-0.0016	-2.5 to 2.5	Pass				
			-30		4.0	-3.792	-0.0020	-2.5 to 2.5	Pass				
			-20		4.0	-2.275	-0.0012	-2.5 to 2.5	Pass				
			-10		4.0	2.263	0.0012	-2.5 to 2.5	Pass				
			0		4.0	7.407	0.0039	-2.5 to 2.5	Pass				
			10		4.0	-5.880	-0.0031	-2.5 to 2.5	Pass				
			30		4.0	5.220	0.0028	-2.5 to 2.5	Pass				
			40		4.0	5.973	0.0032	-2.5 to 2.5	Pass				
			50		4.0	-5.759	-0.0031	-2.5 to 2.5	Pass				
			1902.5		75	0	20	3.8	0.555	0.0003	-2.5 to 2.5	Pass	
								4.0	7.543	0.0040	-2.5 to 2.5	Pass	
4.2	-4.187	-0.0022						-2.5 to 2.5	Pass				
-30	4.0	-0.959					-0.0005	-2.5 to 2.5	Pass				



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				-20	4.0	5.602	0.0029	-2.5 to 2.5	Pass
				-10	4.0	-3.671	-0.0019	-2.5 to 2.5	Pass
				0	4.0	7.331	0.0039	-2.5 to 2.5	Pass
				10	4.0	6.569	0.0035	-2.5 to 2.5	Pass
				30	4.0	6.816	0.0036	-2.5 to 2.5	Pass
				40	4.0	-6.105	-0.0032	-2.5 to 2.5	Pass
				50	4.0	-7.292	-0.0038	-2.5 to 2.5	Pass



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1.6 B2_20MHz

1.6.1 Test Result

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	3.8	1.708	0.0009	-2.5 to 2.5	Pass			
					4.0	-2.809	-0.0015	-2.5 to 2.5	Pass			
					4.2	5.728	0.0031	-2.5 to 2.5	Pass			
				-30	4.0	-3.547	-0.0019	-2.5 to 2.5	Pass			
					-20	4.0	3.261	0.0018	-2.5 to 2.5	Pass		
						4.0	7.948	0.0043	-2.5 to 2.5	Pass		
				0	4.0	1.149	0.0006	-2.5 to 2.5	Pass			
					10	4.0	-2.580	-0.0014	-2.5 to 2.5	Pass		
				30	4.0	-2.072	-0.0011	-2.5 to 2.5	Pass			
				40	4.0	-7.403	-0.0040	-2.5 to 2.5	Pass			
				50	4.0	-7.331	-0.0039	-2.5 to 2.5	Pass			
				1880	100	0	20	3.8	-2.756	-0.0015	-2.5 to 2.5	Pass
								4.0	2.773	0.0015	-2.5 to 2.5	Pass
								4.2	-5.113	-0.0027	-2.5 to 2.5	Pass
							-30	4.0	5.329	0.0028	-2.5 to 2.5	Pass
	-20	4.0	-10.007					-0.0053	-2.5 to 2.5	Pass		
		4.0	4.359					0.0023	-2.5 to 2.5	Pass		
	0	4.0	-6.746				-0.0036	-2.5 to 2.5	Pass			
		10	4.0				-8.063	-0.0043	-2.5 to 2.5	Pass		
	30	4.0	-1.966				-0.0010	-2.5 to 2.5	Pass			
	40	4.0	-8.137				-0.0043	-2.5 to 2.5	Pass			
	50	4.0	-4.896				-0.0026	-2.5 to 2.5	Pass			
	1900	100	0				20	3.8	-1.626	-0.0009	-2.5 to 2.5	Pass
								4.0	-2.103	-0.0011	-2.5 to 2.5	Pass
								4.2	-0.179	-0.0001	-2.5 to 2.5	Pass
							-30	4.0	0.365	0.0002	-2.5 to 2.5	Pass
				-20	4.0	-0.035		0.0000	-2.5 to 2.5	Pass		
					4.0	-1.109		-0.0006	-2.5 to 2.5	Pass		
				0	4.0	2.638	0.0014	-2.5 to 2.5	Pass			
					10	4.0	6.042	0.0032	-2.5 to 2.5	Pass		
30				4.0	-7.301	-0.0038	-2.5 to 2.5	Pass				
40				4.0	4.913	0.0026	-2.5 to 2.5	Pass				
50				4.0	-1.799	-0.0009	-2.5 to 2.5	Pass				
16QAM				1860	100	0	20	3.8	-0.968	-0.0005	-2.5 to 2.5	Pass
								4.0	-6.755	-0.0036	-2.5 to 2.5	Pass
								4.2	-4.673	-0.0025	-2.5 to 2.5	Pass
							-30	4.0	-0.734	-0.0004	-2.5 to 2.5	Pass
	-20	4.0	-1.302					-0.0007	-2.5 to 2.5	Pass		
		4.0	1.846					0.0010	-2.5 to 2.5	Pass		
	0	4.0	0.395				0.0002	-2.5 to 2.5	Pass			
		10	4.0				-5.006	-0.0027	-2.5 to 2.5	Pass		
	30	4.0	7.359				0.0040	-2.5 to 2.5	Pass			



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64QAM	1880	100	0	40	4.0	6.166	0.0033	-2.5 to 2.5	Pass			
				50	4.0	3.019	0.0016	-2.5 to 2.5	Pass			
				20	3.8	6.818	0.0036	-2.5 to 2.5	Pass			
					4.0	4.681	0.0025	-2.5 to 2.5	Pass			
					4.2	6.260	0.0033	-2.5 to 2.5	Pass			
				-30	4.0	-6.920	-0.0037	-2.5 to 2.5	Pass			
				-20	4.0	4.262	0.0023	-2.5 to 2.5	Pass			
				-10	4.0	2.402	0.0013	-2.5 to 2.5	Pass			
				0	4.0	-2.498	-0.0013	-2.5 to 2.5	Pass			
				10	4.0	-7.792	-0.0041	-2.5 to 2.5	Pass			
				30	4.0	4.854	0.0026	-2.5 to 2.5	Pass			
				40	4.0	-2.811	-0.0015	-2.5 to 2.5	Pass			
				50	4.0	-1.215	-0.0006	-2.5 to 2.5	Pass			
				1900	100	0	20	3.8	3.587	0.0019	-2.5 to 2.5	Pass
	4.0	-1.726	-0.0009					-2.5 to 2.5	Pass			
	4.2	0.990	0.0005					-2.5 to 2.5	Pass			
	-30	4.0	-7.605				-0.0040	-2.5 to 2.5	Pass			
	-20	4.0	1.392				0.0007	-2.5 to 2.5	Pass			
	-10	4.0	6.035				0.0032	-2.5 to 2.5	Pass			
	0	4.0	-9.386				-0.0049	-2.5 to 2.5	Pass			
	10	4.0	7.870				0.0041	-2.5 to 2.5	Pass			
	30	4.0	6.509				0.0034	-2.5 to 2.5	Pass			
	40	4.0	3.969				0.0021	-2.5 to 2.5	Pass			
	50	4.0	-6.531				-0.0034	-2.5 to 2.5	Pass			
	1860	100	0				20	3.8	4.826	0.0026	-2.5 to 2.5	Pass
								4.0	-6.550	-0.0035	-2.5 to 2.5	Pass
								4.2	-1.075	-0.0006	-2.5 to 2.5	Pass
				-30	4.0	6.673	0.0036	-2.5 to 2.5	Pass			
-20				4.0	0.366	0.0002	-2.5 to 2.5	Pass				
-10				4.0	4.298	0.0023	-2.5 to 2.5	Pass				
0				4.0	-2.330	-0.0013	-2.5 to 2.5	Pass				
10				4.0	-7.031	-0.0038	-2.5 to 2.5	Pass				
30				4.0	6.335	0.0034	-2.5 to 2.5	Pass				
40				4.0	-6.460	-0.0035	-2.5 to 2.5	Pass				
50				4.0	-3.511	-0.0019	-2.5 to 2.5	Pass				
1880				100	0	20	3.8	-2.843	-0.0015	-2.5 to 2.5	Pass	
							4.0	2.471	0.0013	-2.5 to 2.5	Pass	
							4.2	-3.715	-0.0020	-2.5 to 2.5	Pass	
	-30	4.0	-2.528			-0.0013	-2.5 to 2.5	Pass				
	-20	4.0	-2.490			-0.0013	-2.5 to 2.5	Pass				
	-10	4.0	7.182			0.0038	-2.5 to 2.5	Pass				
	0	4.0	-5.284			-0.0028	-2.5 to 2.5	Pass				
	10	4.0	-4.744			-0.0025	-2.5 to 2.5	Pass				
	30	4.0	-3.535			-0.0019	-2.5 to 2.5	Pass				
	40	4.0	-1.200			-0.0006	-2.5 to 2.5	Pass				
	50	4.0	-1.599			-0.0009	-2.5 to 2.5	Pass				
	1900	100	0			20	3.8	-3.644	-0.0019	-2.5 to 2.5	Pass	
							4.0	4.432	0.0023	-2.5 to 2.5	Pass	
							4.2	5.021	0.0026	-2.5 to 2.5	Pass	
-30				4.0	-3.464	-0.0018	-2.5 to 2.5	Pass				



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				-20	4.0	5.209	0.0027	-2.5 to 2.5	Pass
				-10	4.0	5.310	0.0028	-2.5 to 2.5	Pass
				0	4.0	3.775	0.0020	-2.5 to 2.5	Pass
				10	4.0	-4.569	-0.0024	-2.5 to 2.5	Pass
				30	4.0	-7.323	-0.0039	-2.5 to 2.5	Pass
				40	4.0	7.911	0.0042	-2.5 to 2.5	Pass
				50	4.0	-2.627	-0.0014	-2.5 to 2.5	Pass



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2. 99% & 26dB Bandwidth

2.1 Band2_OBW

2.1.1 Test Result

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	1.102	/	Pass
		1880	6	0	1.104	/	Pass
		1909.3	6	0	1.100	/	Pass
	16QAM	1850.7	6	0	1.106	/	Pass
		1880	6	0	1.100	/	Pass
		1909.3	6	0	1.106	/	Pass
	64QAM	1850.7	6	0	1.110	/	Pass
		1880	6	0	1.099	/	Pass
		1909.3	6	0	1.102	/	Pass
3	QPSK	1851.5	15	0	2.738	/	Pass
		1880	15	0	2.745	/	Pass
		1908.5	15	0	2.739	/	Pass
	16QAM	1851.5	15	0	2.727	/	Pass
		1880	15	0	2.731	/	Pass
		1908.5	15	0	2.732	/	Pass
	64QAM	1851.5	15	0	2.734	/	Pass
		1880	15	0	2.734	/	Pass
		1908.5	15	0	2.749	/	Pass
5	QPSK	1852.5	25	0	4.544	/	Pass
		1880	25	0	4.538	/	Pass
		1907.5	25	0	4.540	/	Pass
	16QAM	1852.5	25	0	4.540	/	Pass
		1880	25	0	4.561	/	Pass
		1907.5	25	0	4.556	/	Pass
	64QAM	1852.5	25	0	4.532	/	Pass
		1880	25	0	4.552	/	Pass
		1907.5	25	0	4.551	/	Pass
10	QPSK	1855	50	0	9.013	/	Pass
		1880	50	0	9.025	/	Pass
		1905	50	0	9.067	/	Pass
	16QAM	1855	50	0	9.026	/	Pass
		1880	50	0	9.031	/	Pass
		1905	50	0	9.040	/	Pass
	64QAM	1855	50	0	9.012	/	Pass
		1880	50	0	9.034	/	Pass
		1905	50	0	9.058	/	Pass
15	QPSK	1857.5	75	0	13.556	/	Pass
		1880	75	0	13.546	/	Pass
		1902.5	75	0	13.573	/	Pass
	16QAM	1857.5	75	0	13.562	/	Pass



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	64QAM	1880	75	0	13.544	/	Pass
		1902.5	75	0	13.594	/	Pass
		1857.5	75	0	13.561	/	Pass
		1880	75	0	13.552	/	Pass
		1902.5	75	0	13.615	/	Pass
20	QPSK	1860	100	0	18.067	/	Pass
		1880	100	0	18.082	/	Pass
		1900	100	0	18.114	/	Pass
	16QAM	1860	100	0	18.110	/	Pass
		1880	100	0	18.081	/	Pass
		1900	100	0	18.122	/	Pass
	64QAM	1860	100	0	17.984	/	Pass
		1880	100	0	18.134	/	Pass
		1900	100	0	18.127	/	Pass



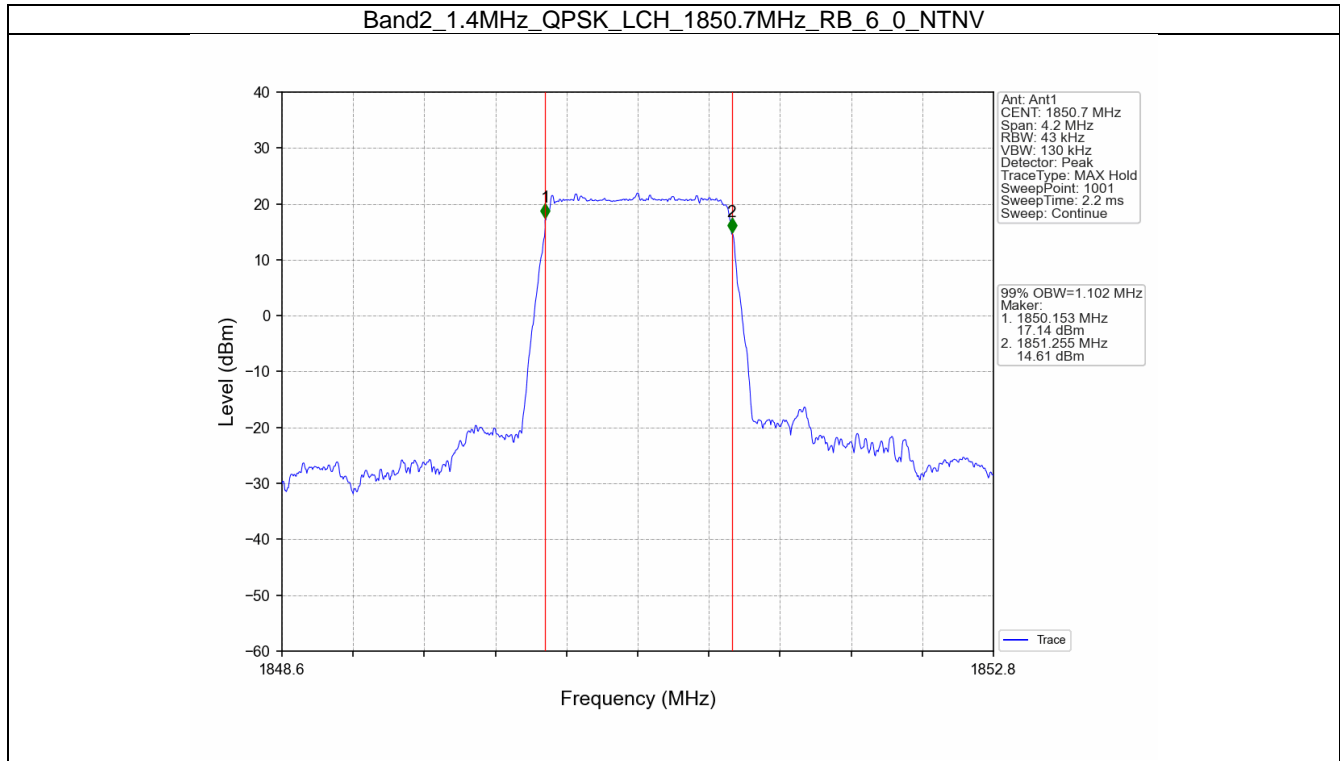
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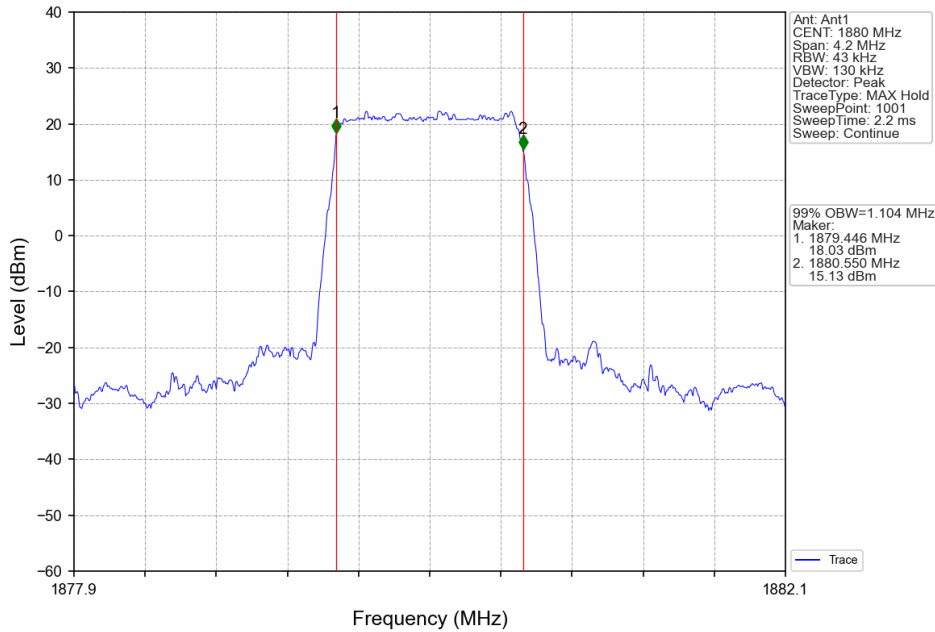
2.1.2 Test Graph



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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

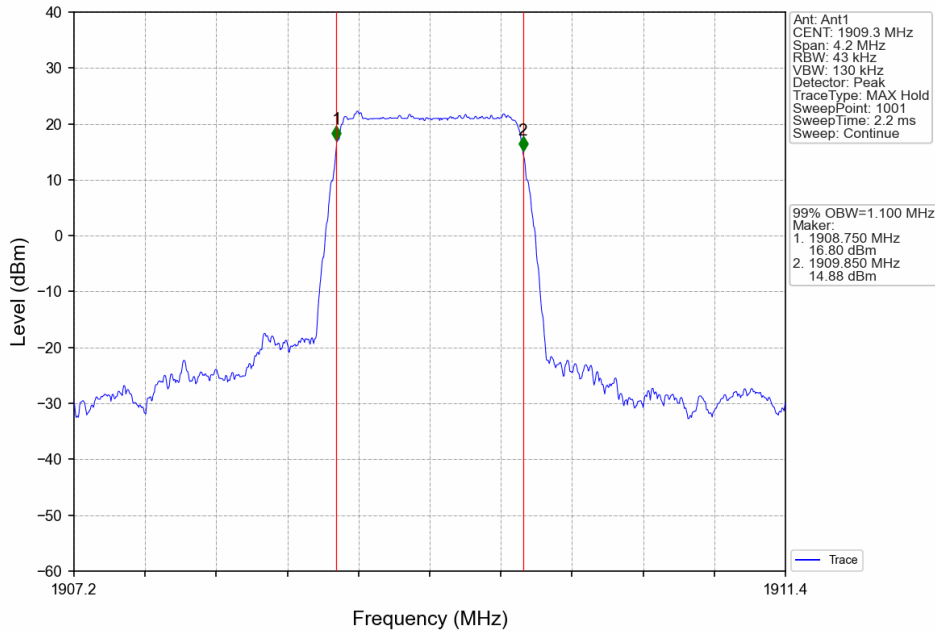


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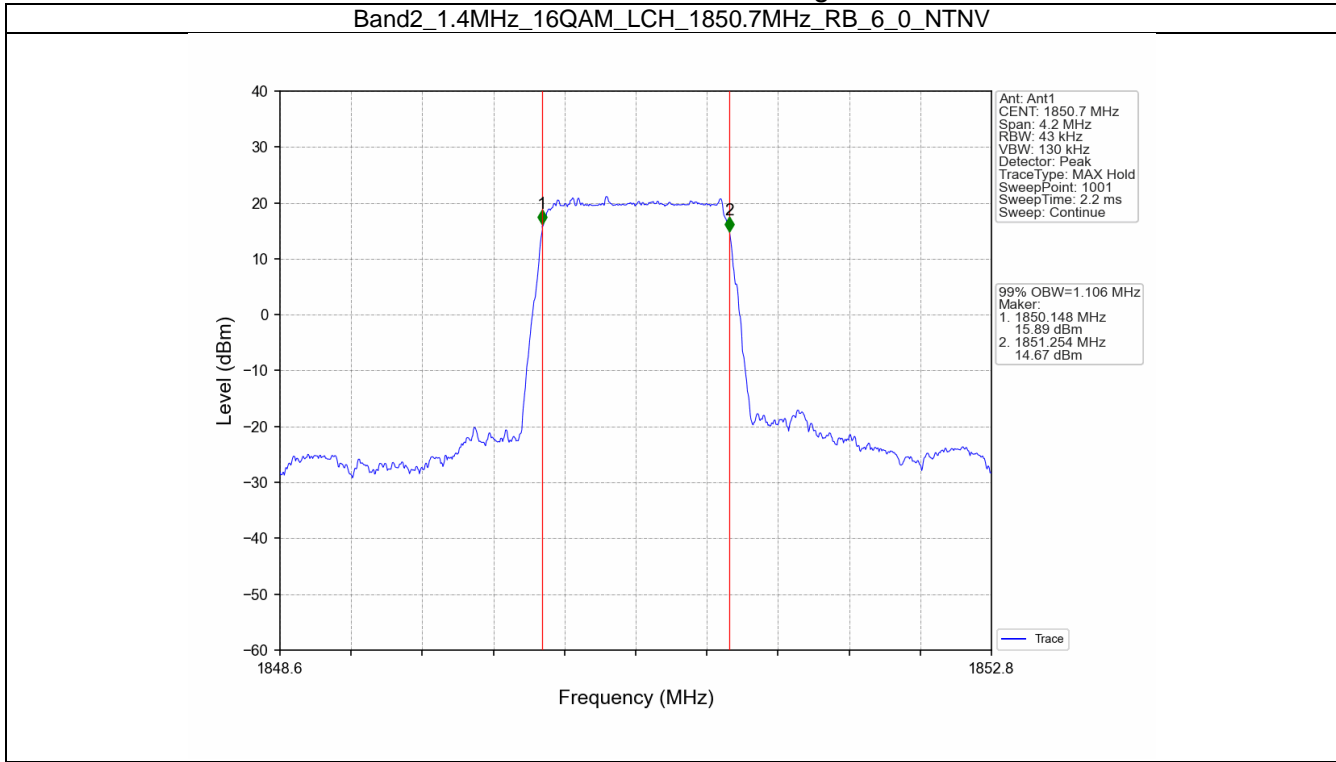
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



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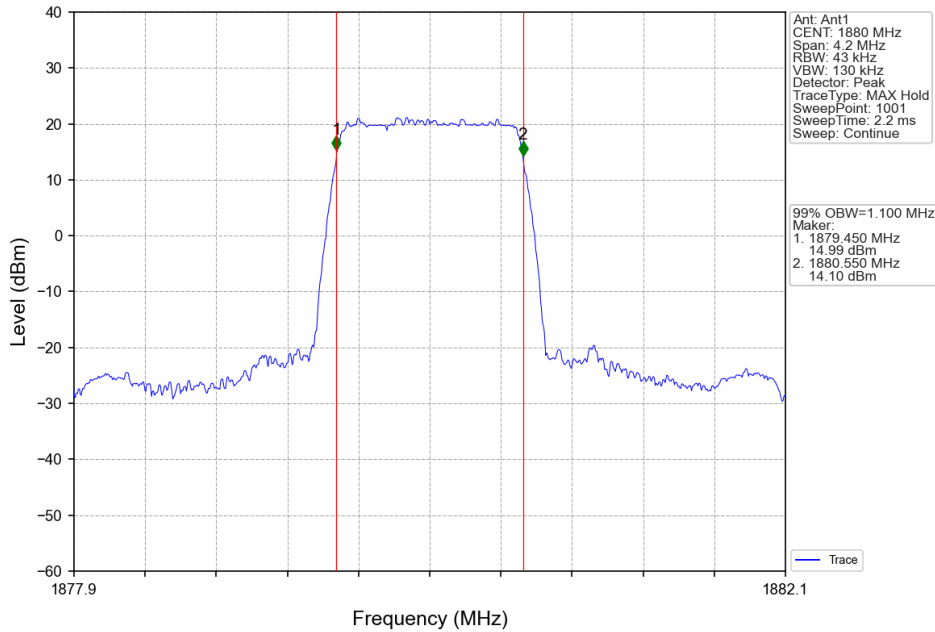


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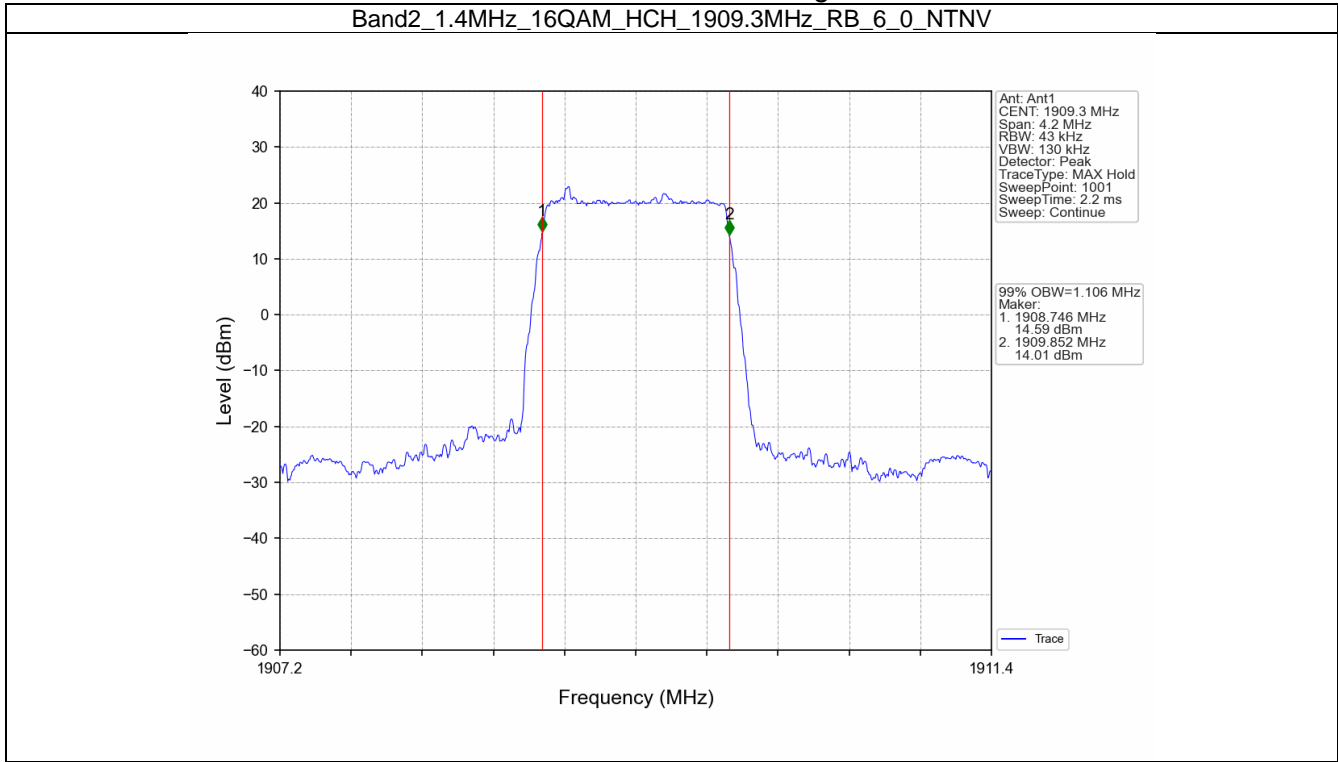
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



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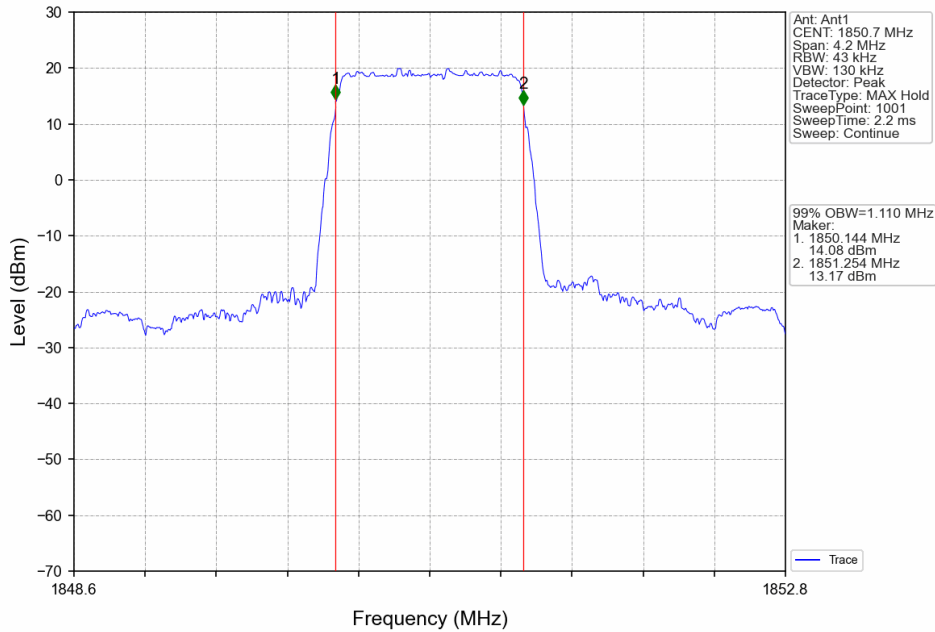
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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



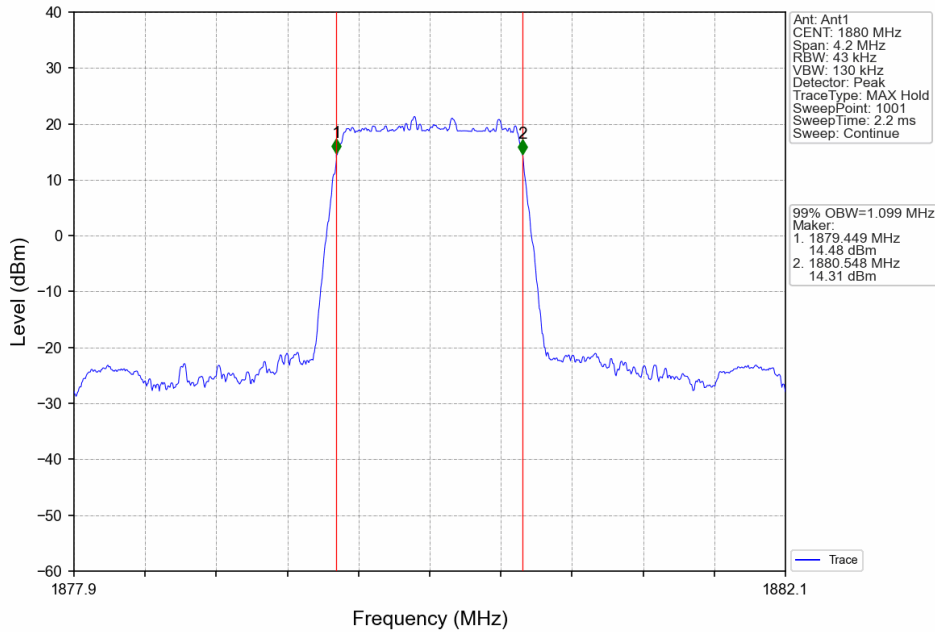
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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

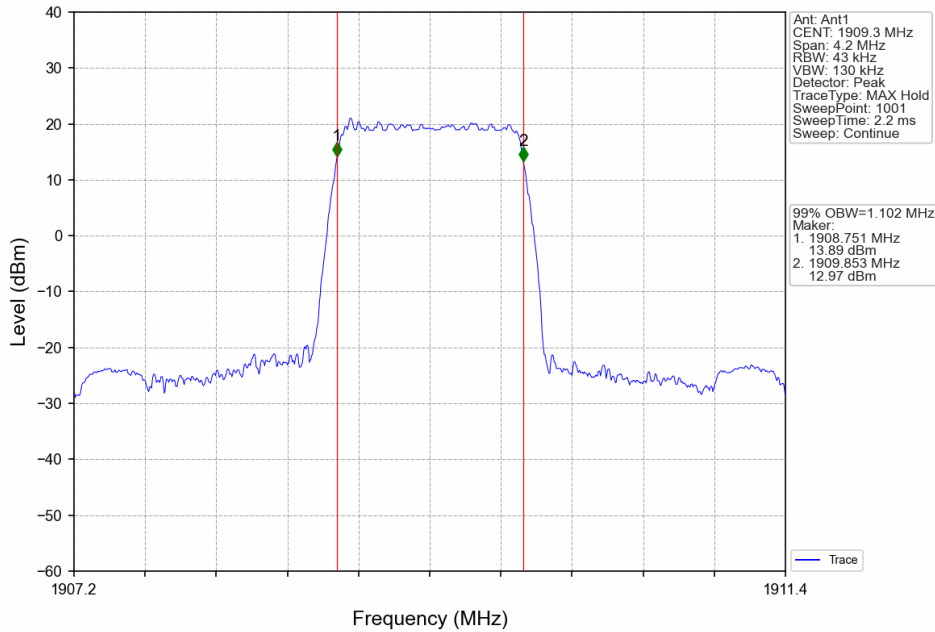


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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV

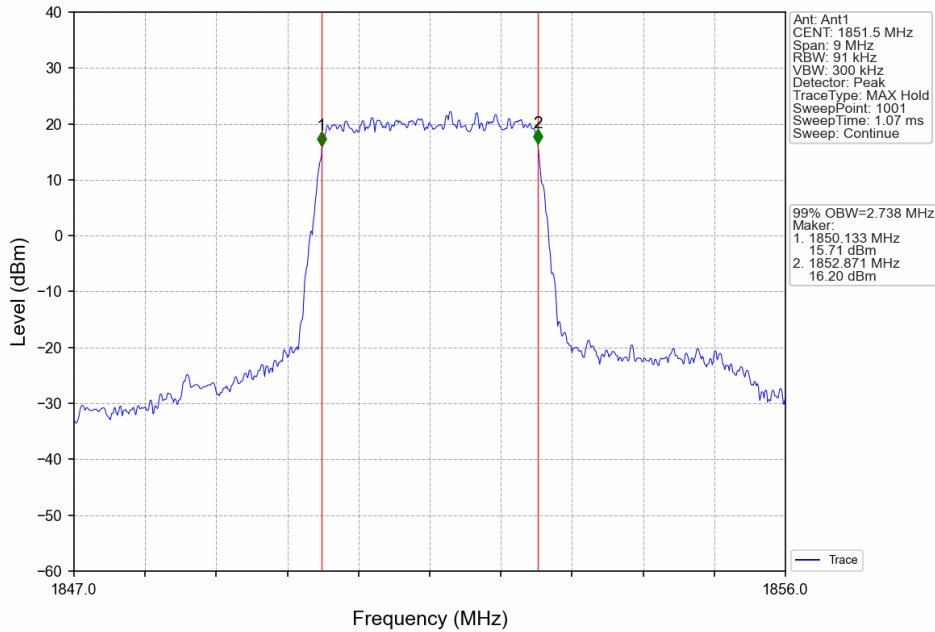


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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

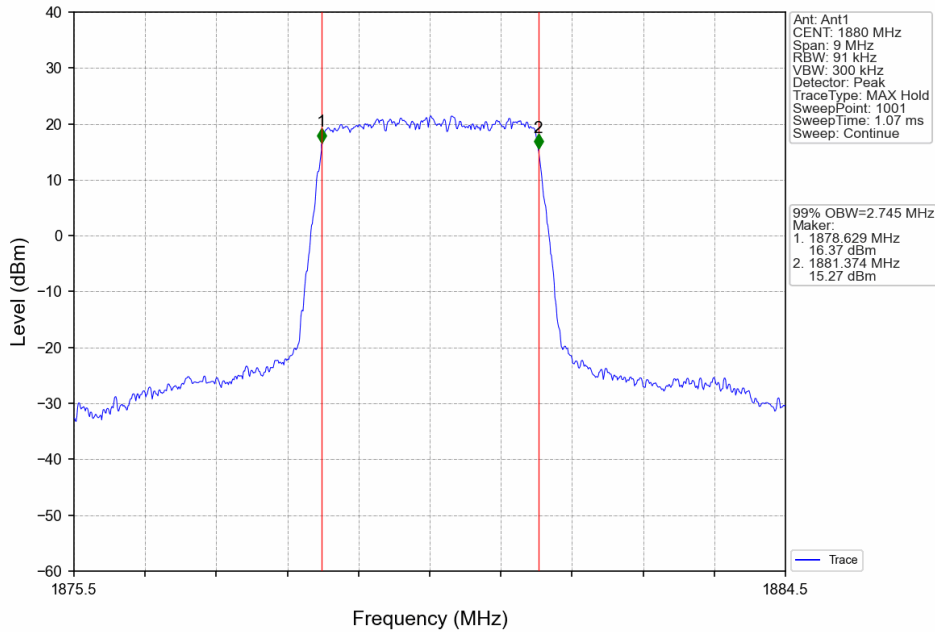


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Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



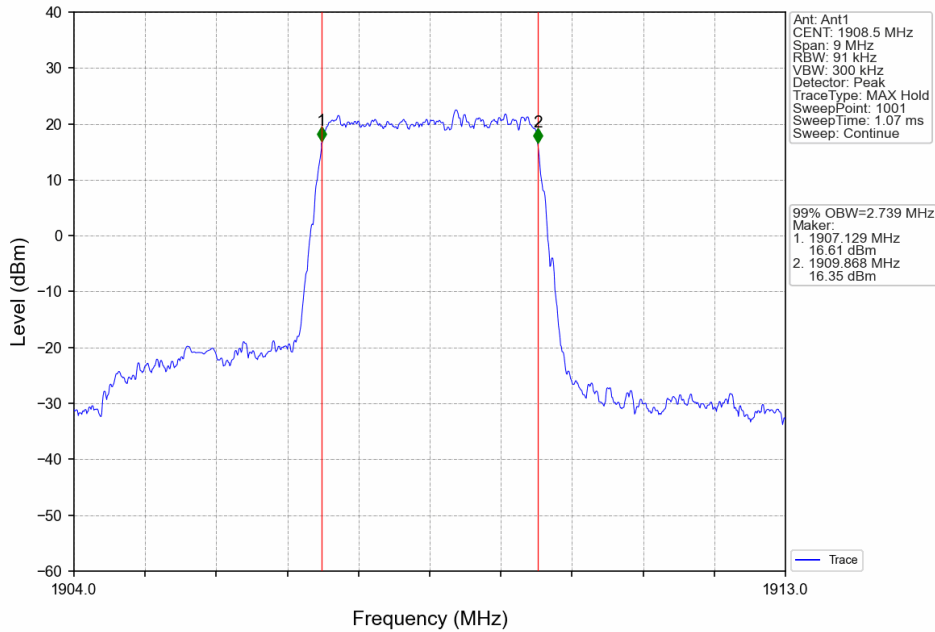
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

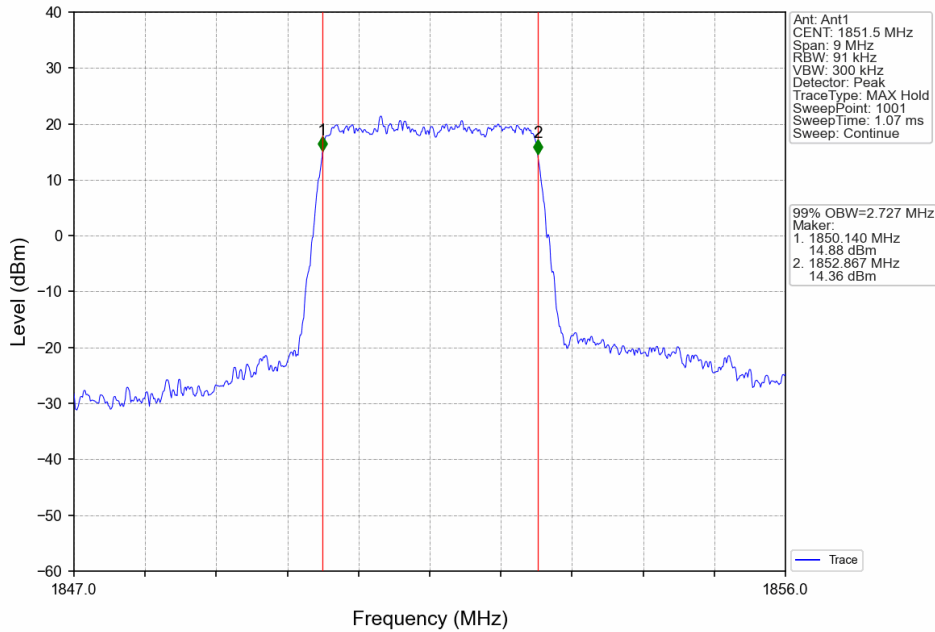


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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

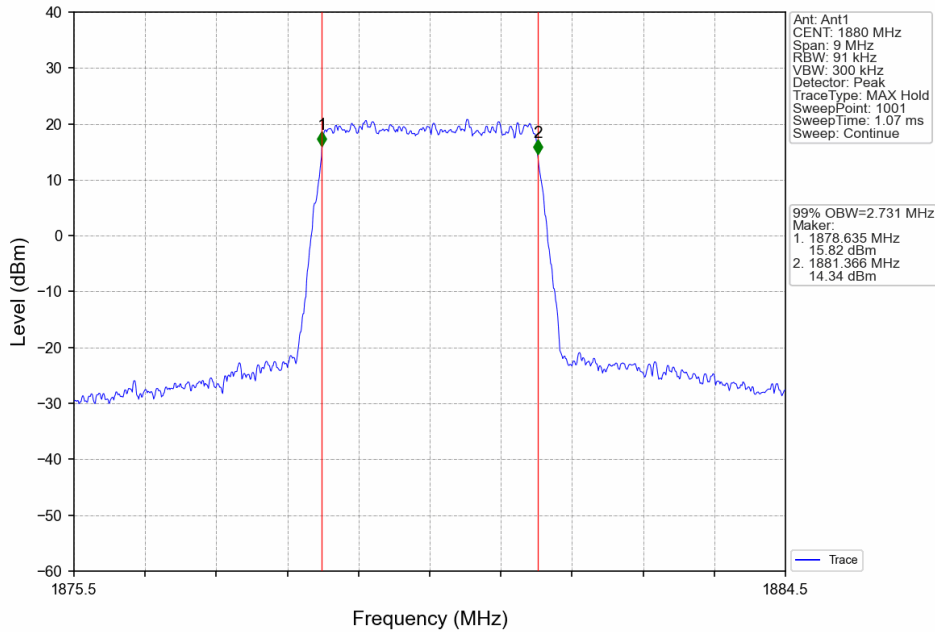


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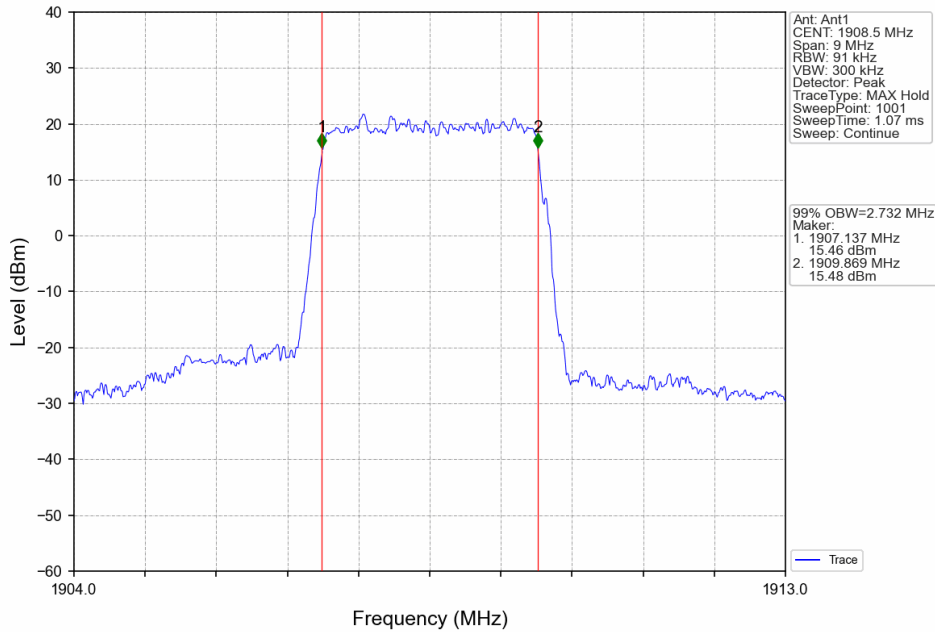


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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



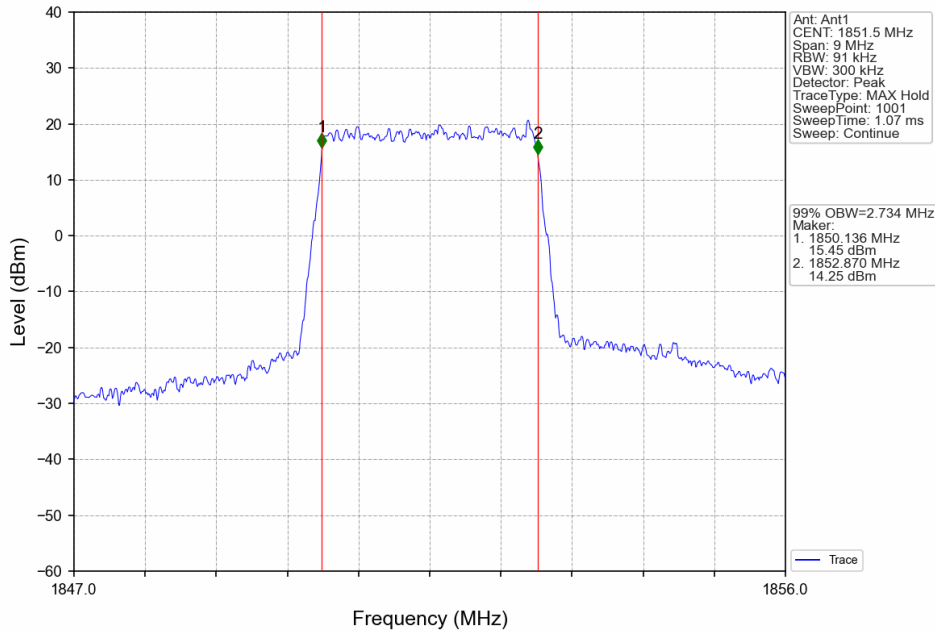
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

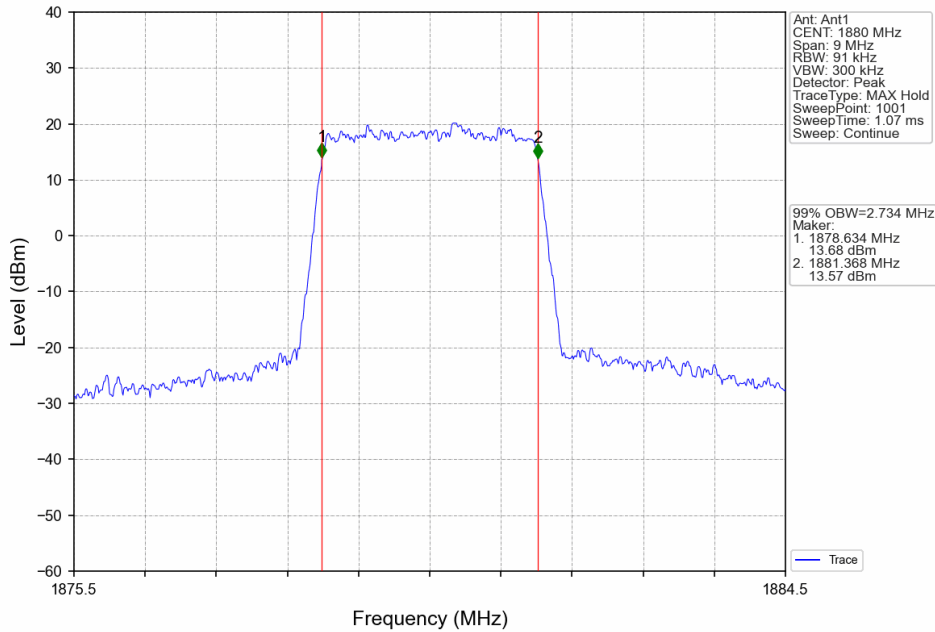


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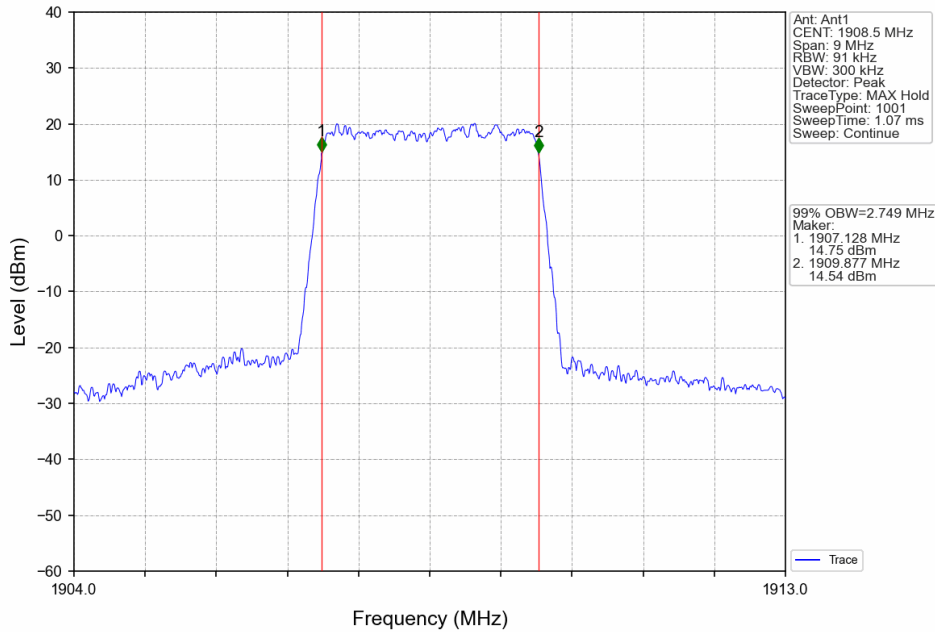


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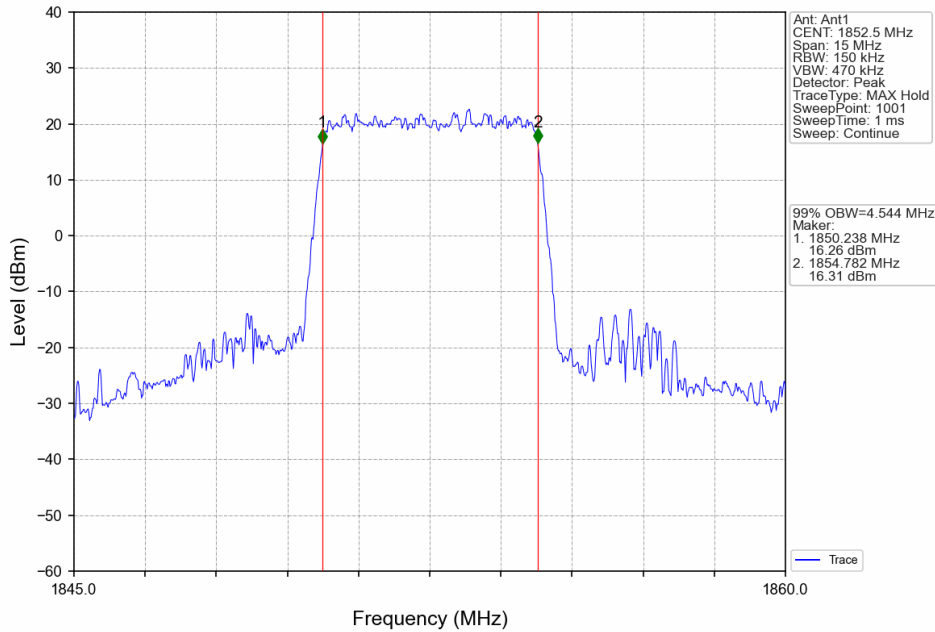


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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

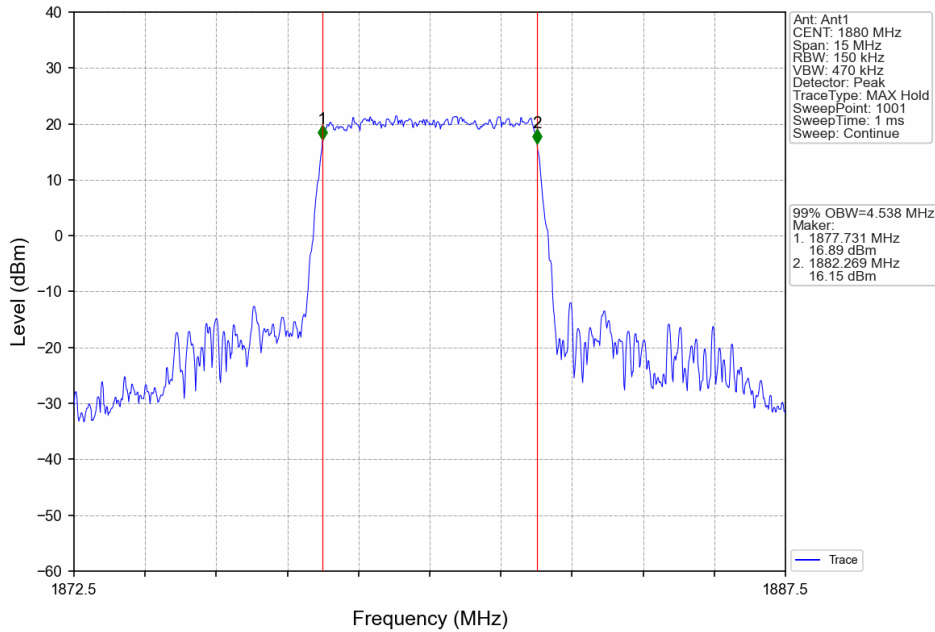


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Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

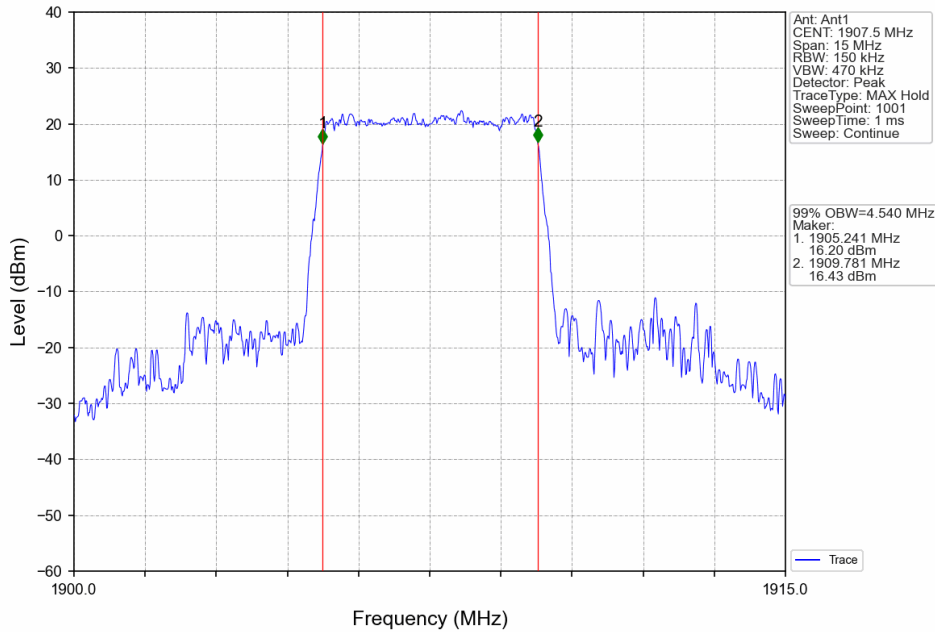


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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV

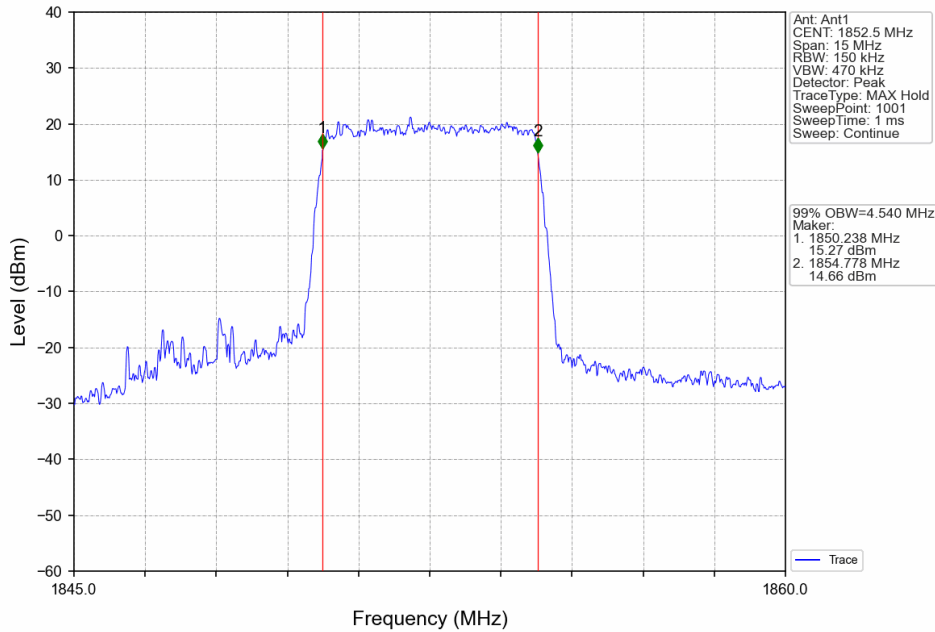


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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



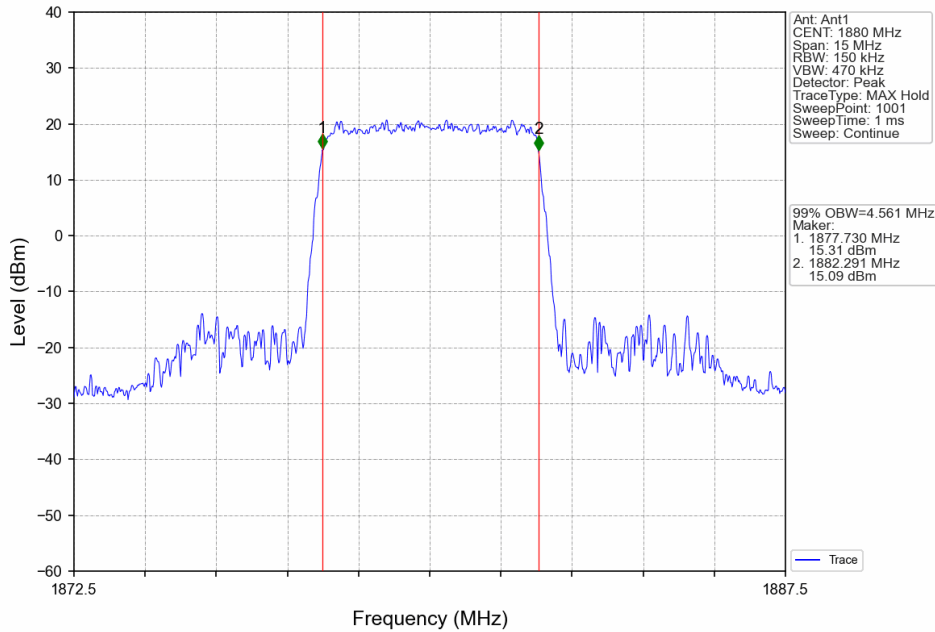
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Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV

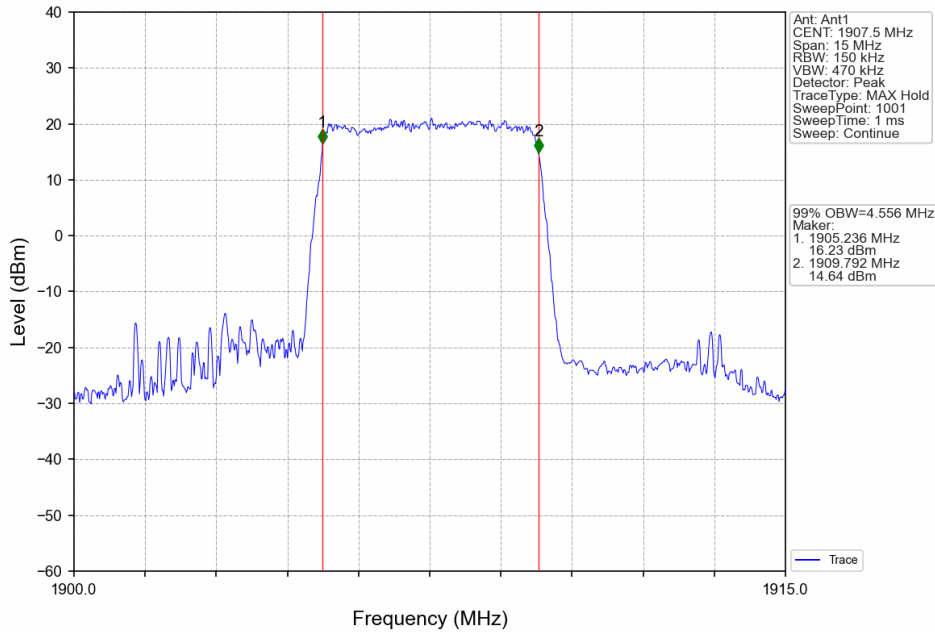


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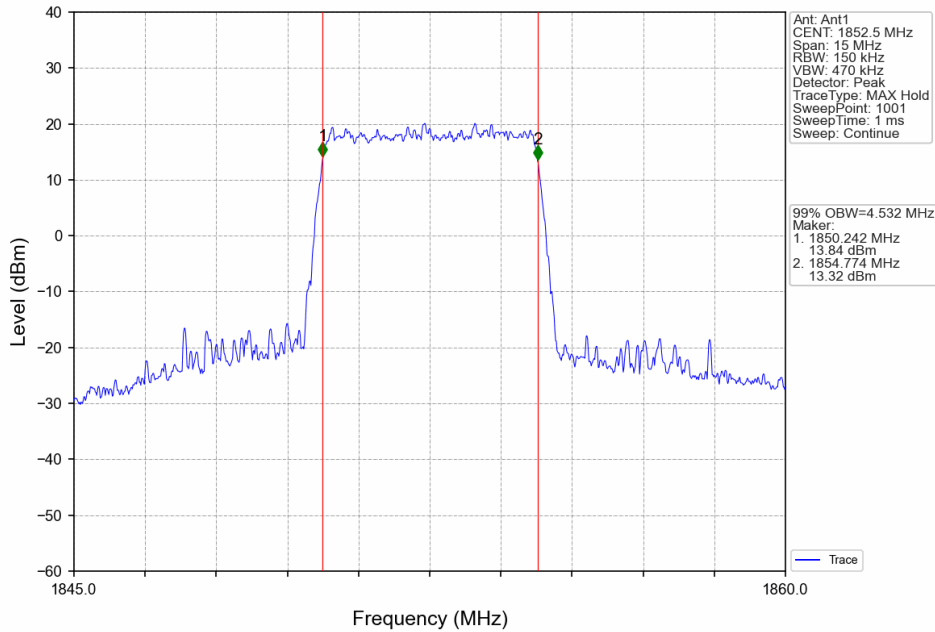


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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV

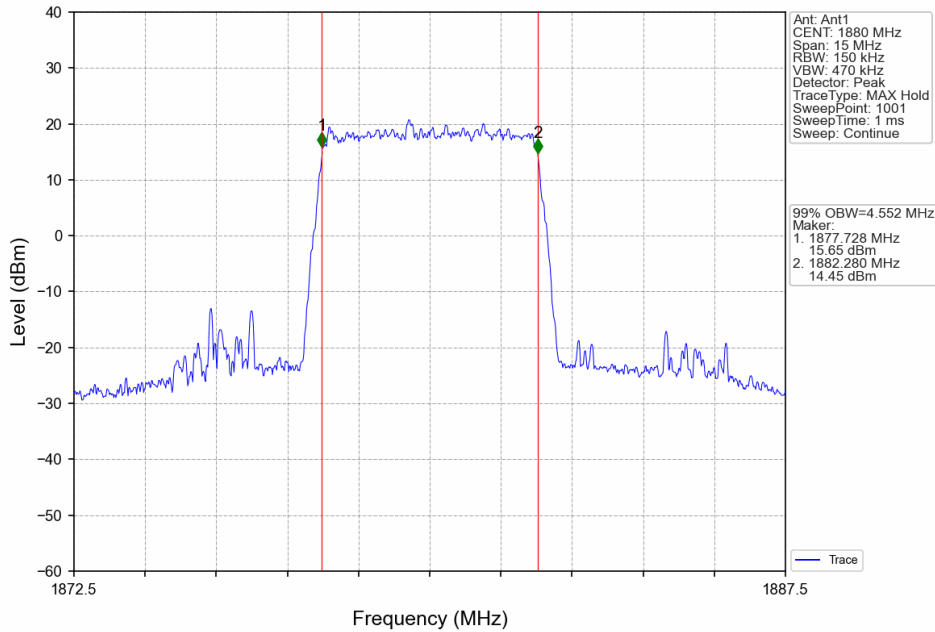


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Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV

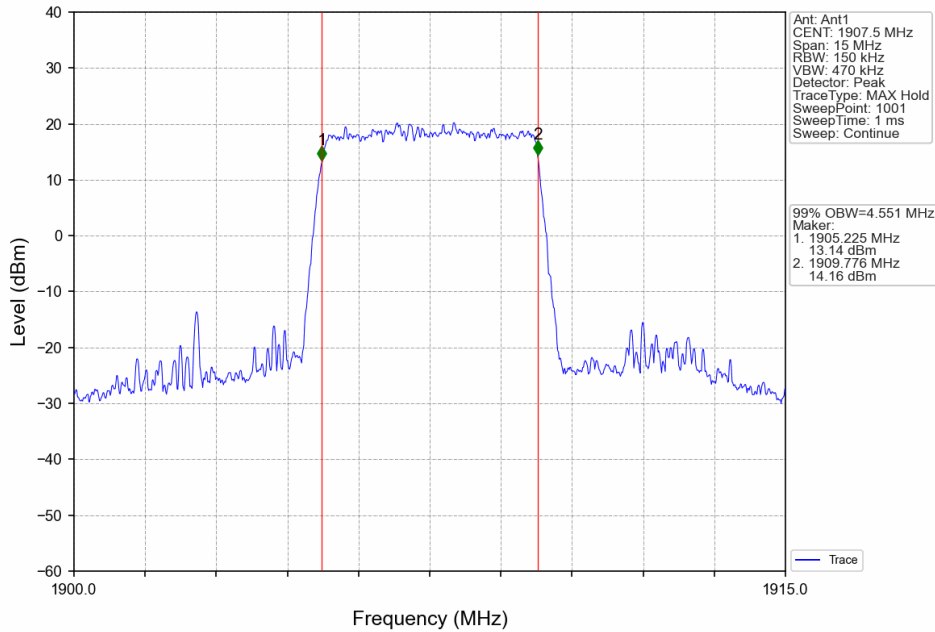


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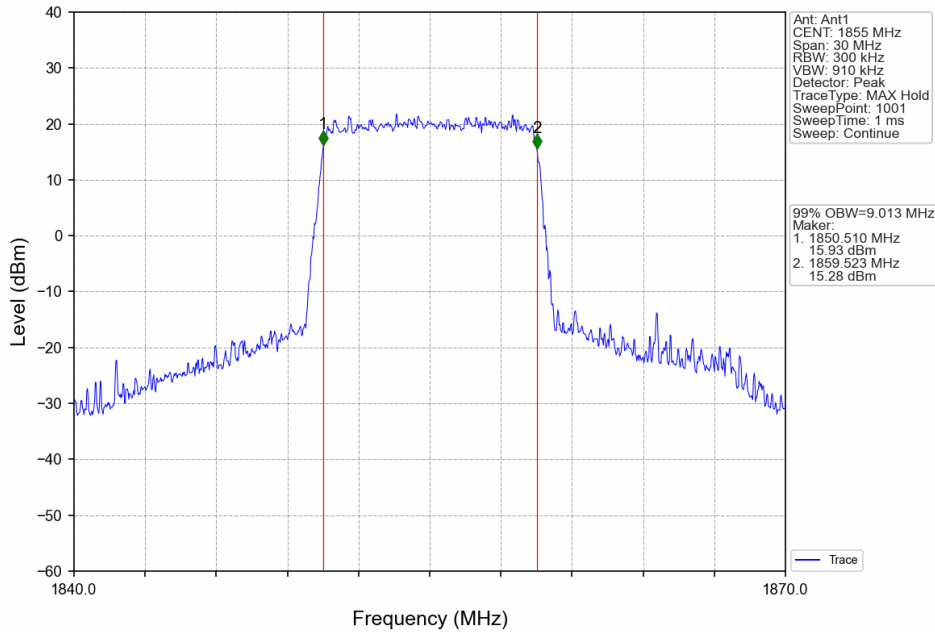


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Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



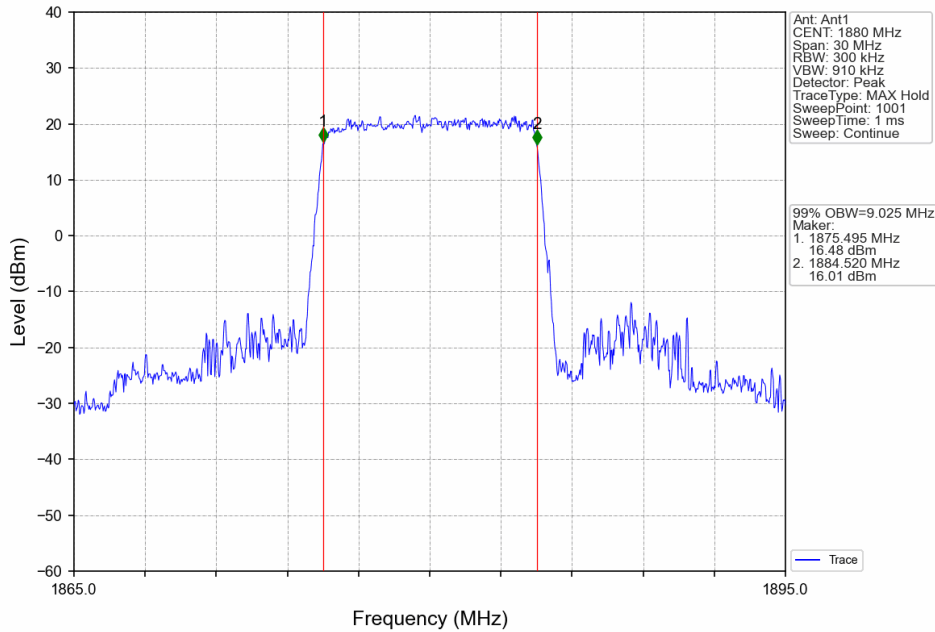
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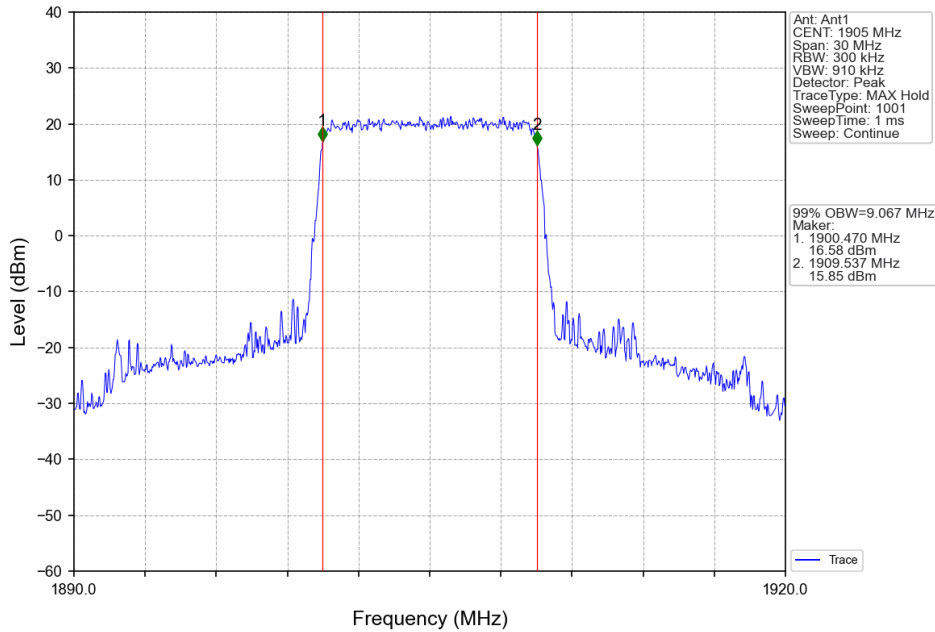
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Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

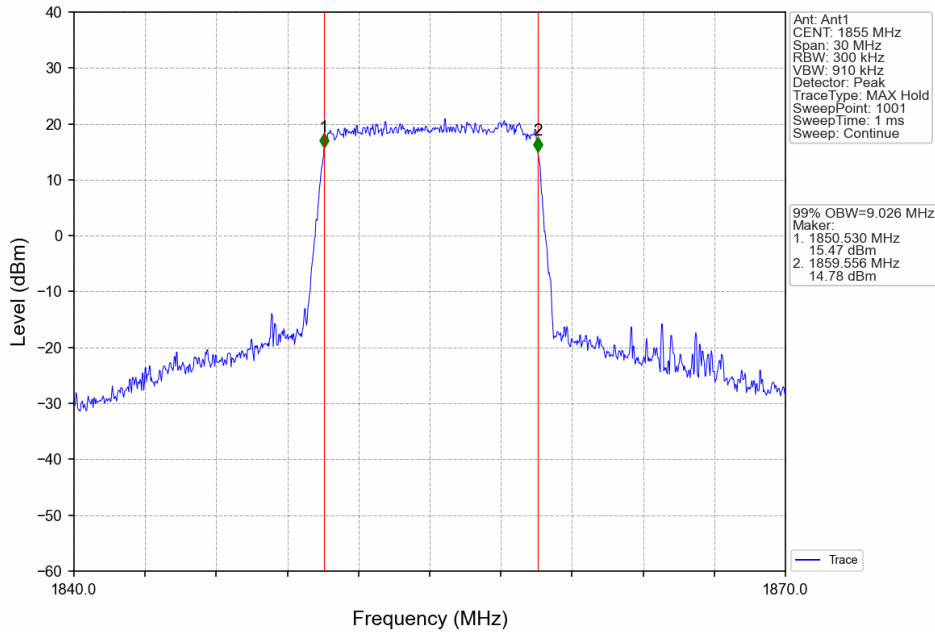


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Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

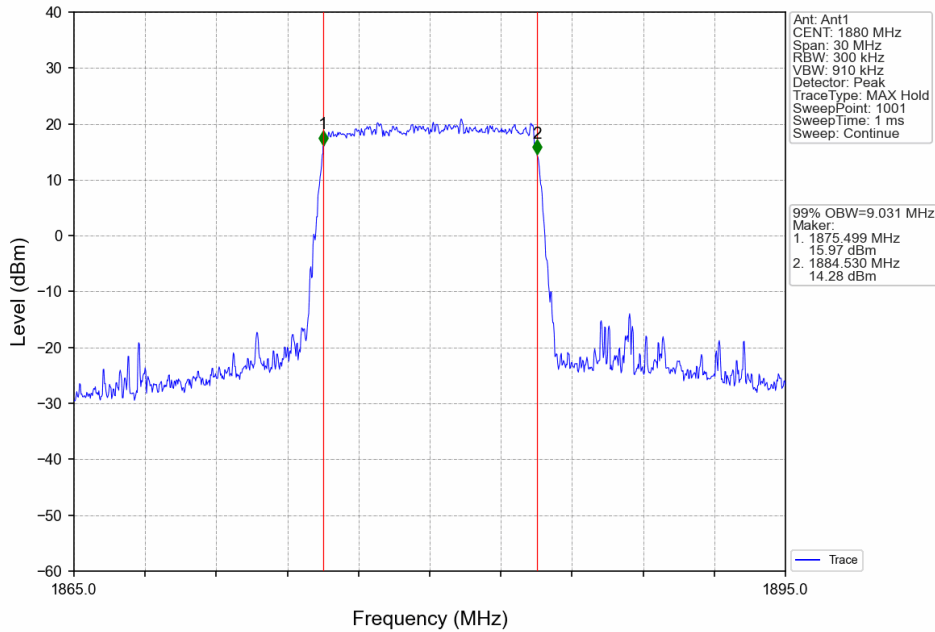


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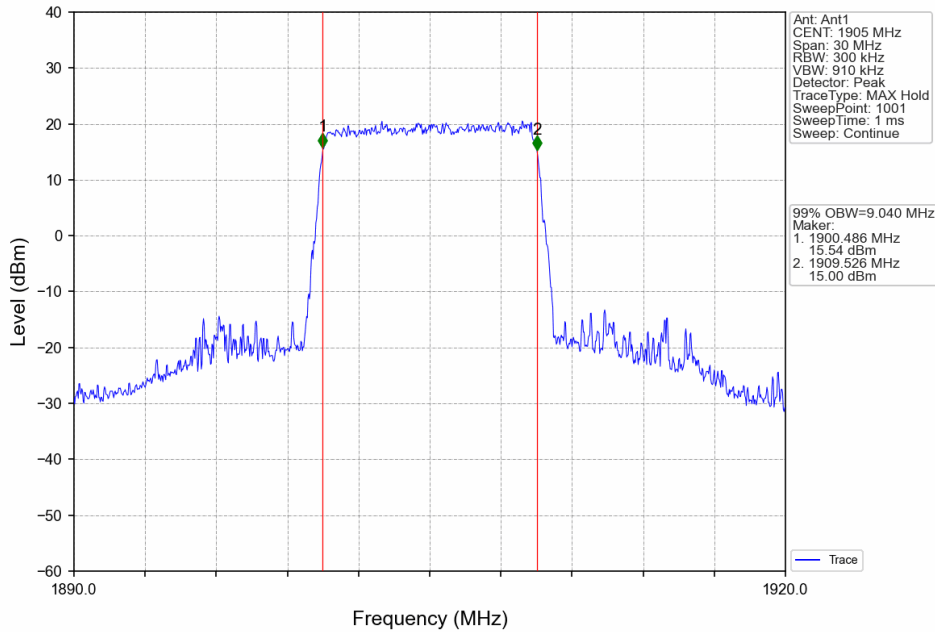


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Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



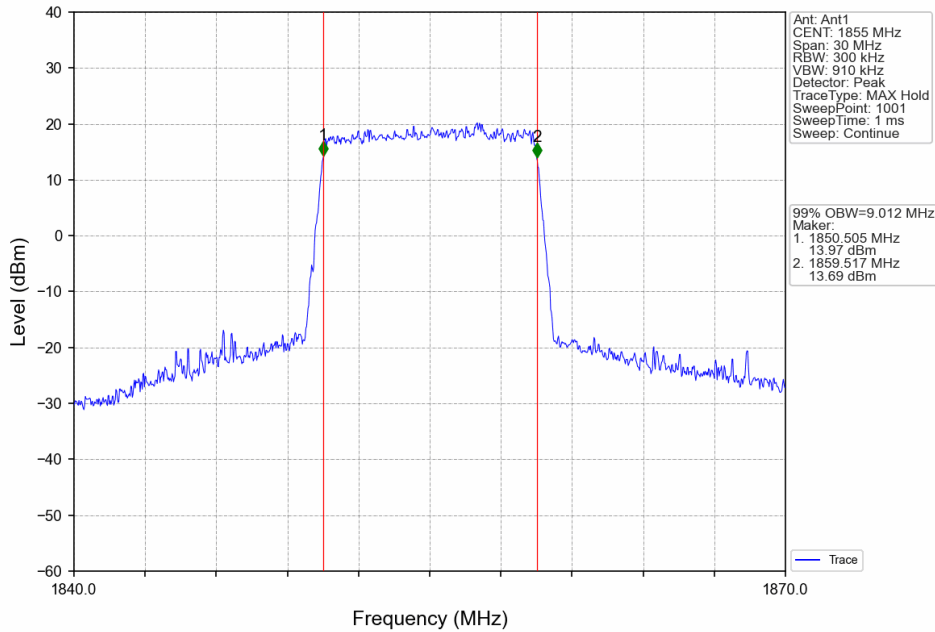
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Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



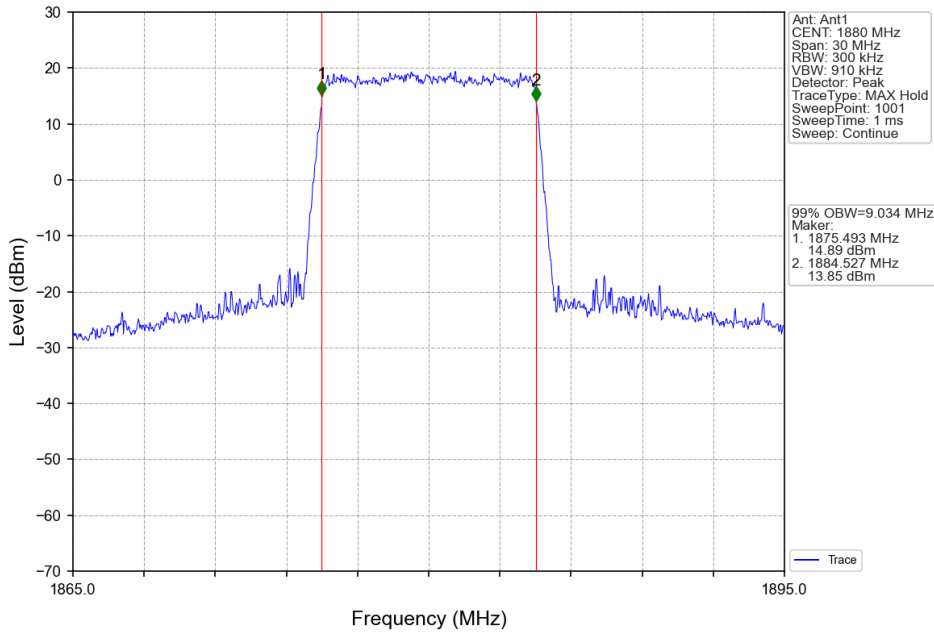
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Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV

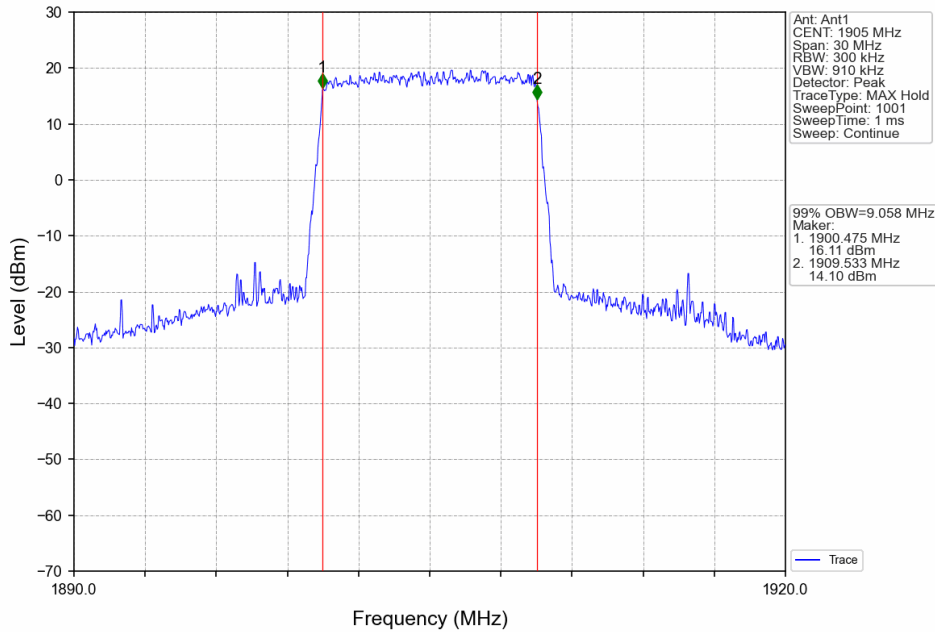


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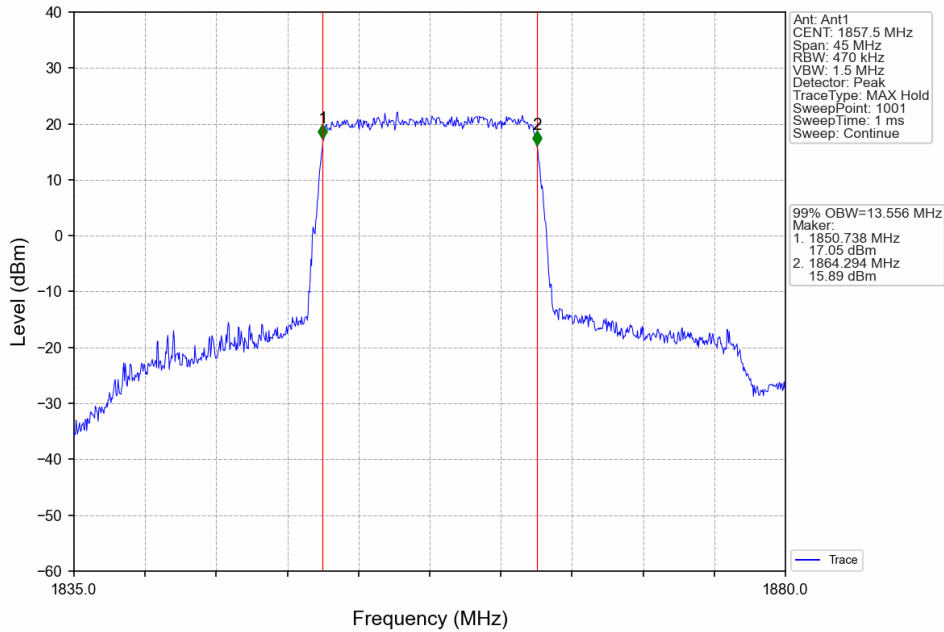


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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

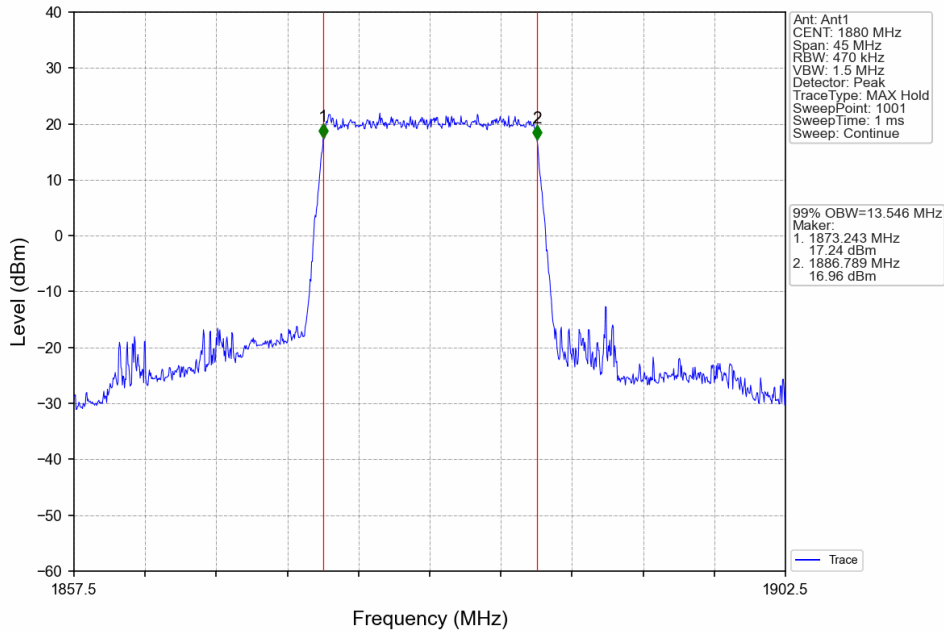


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Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

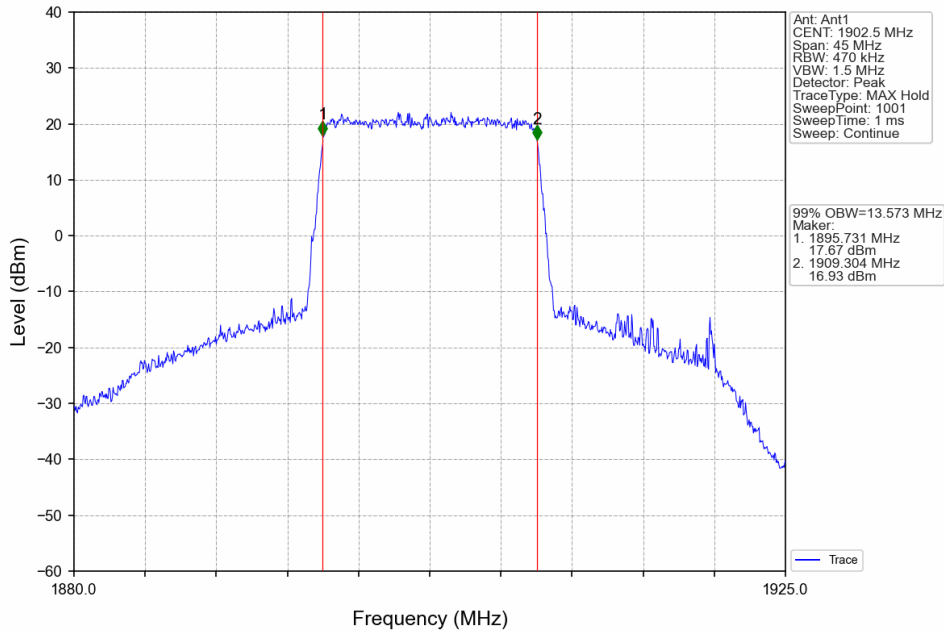


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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV

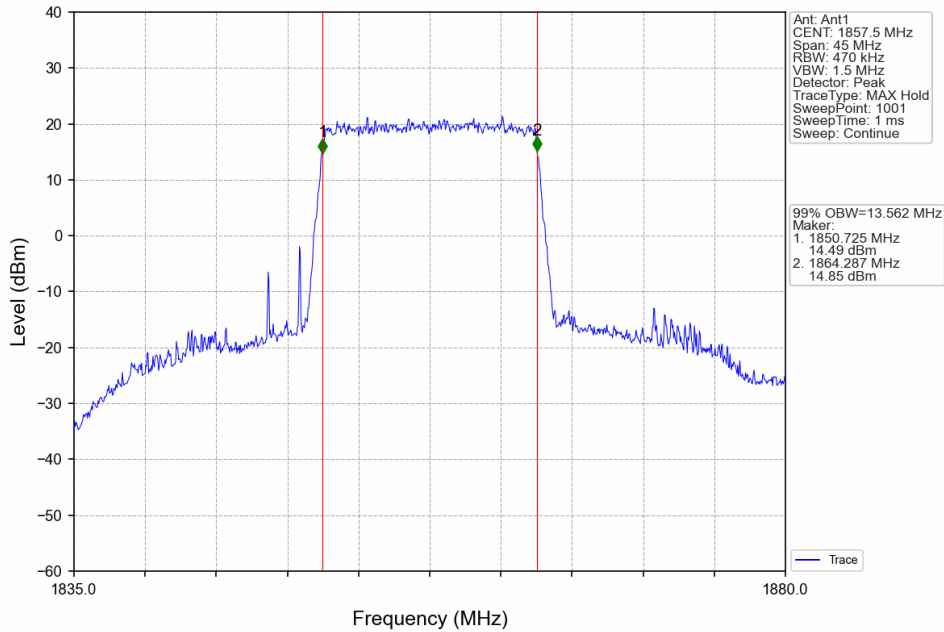


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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

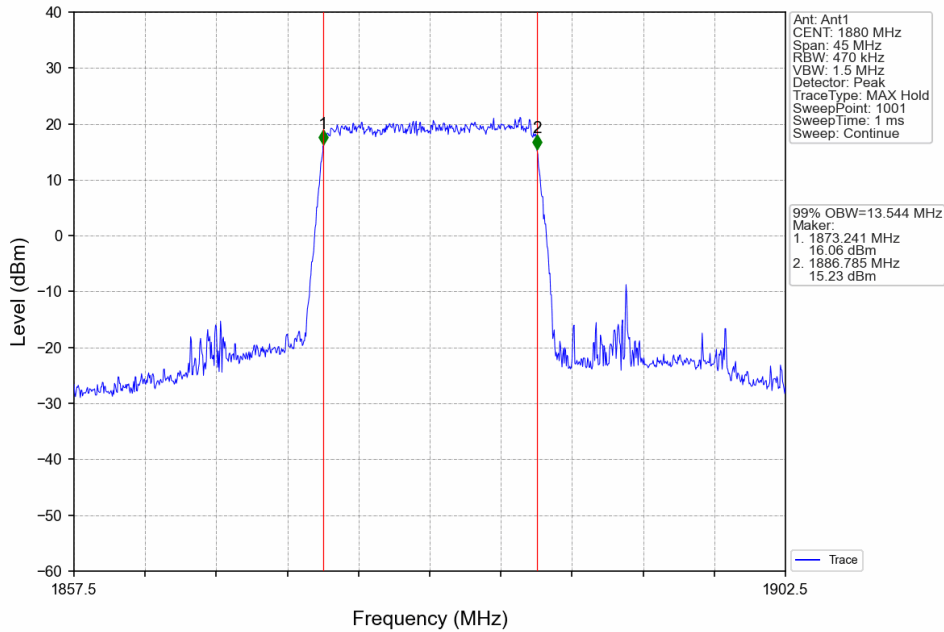


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Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV

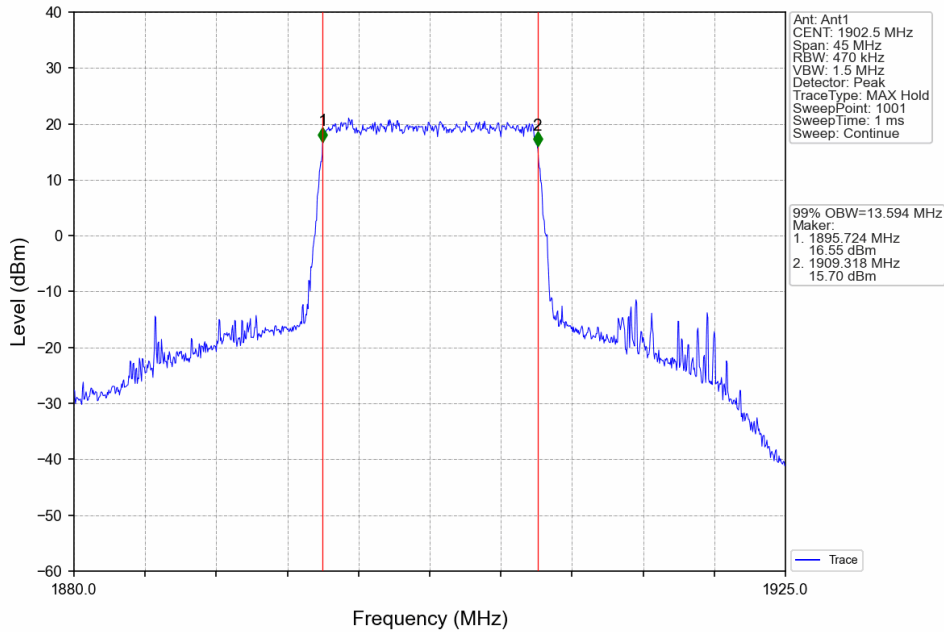


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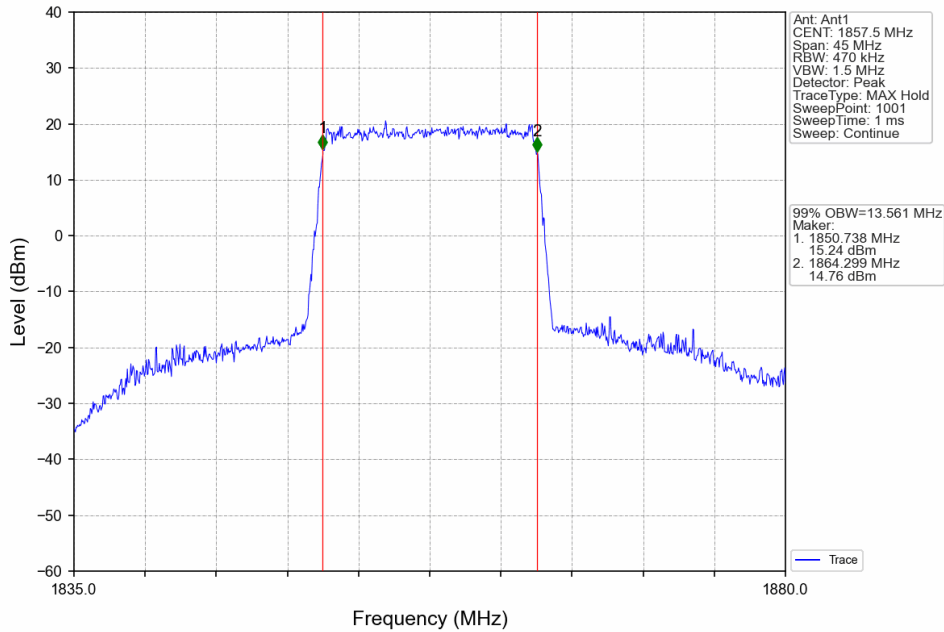
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV

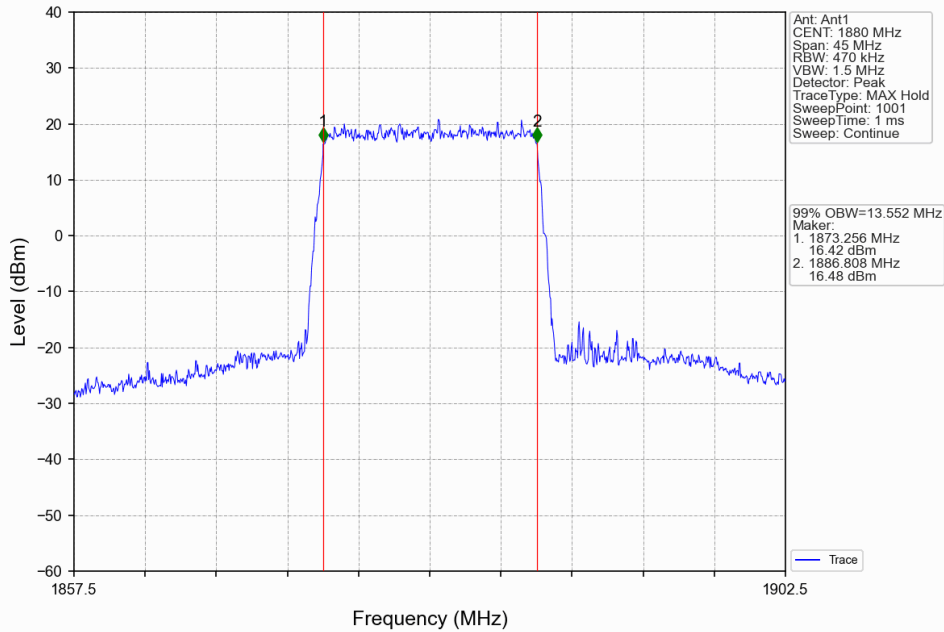


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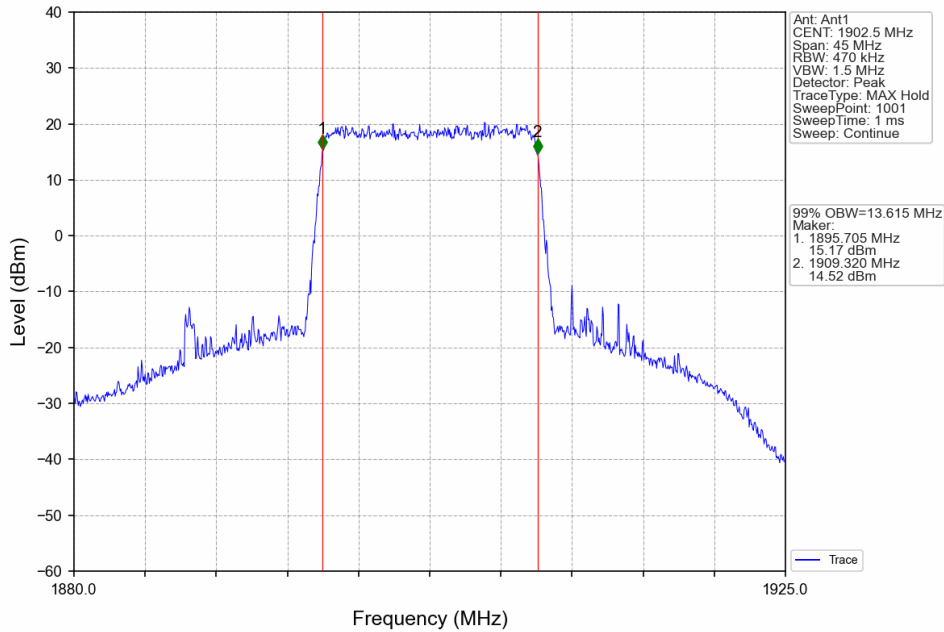
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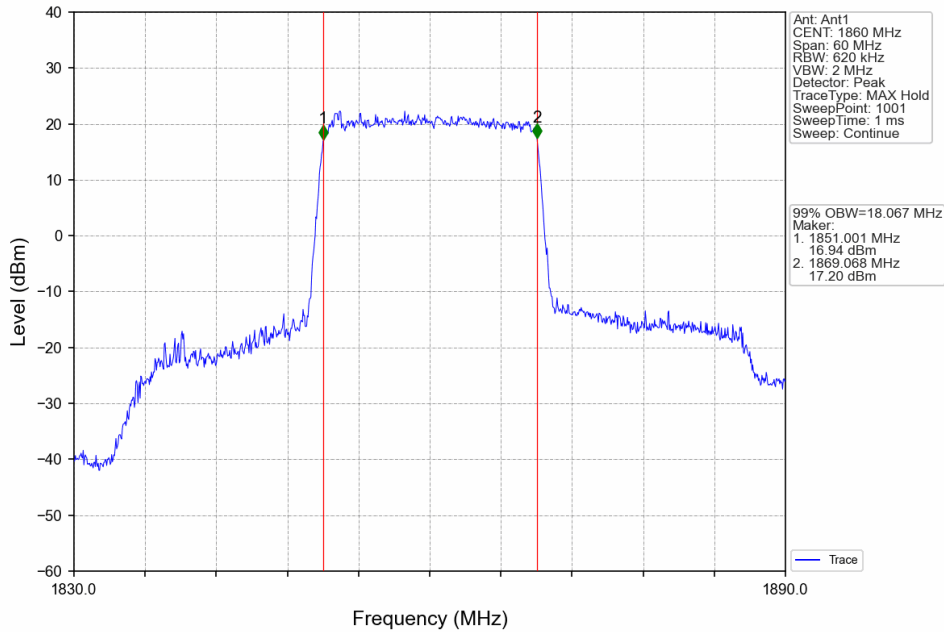


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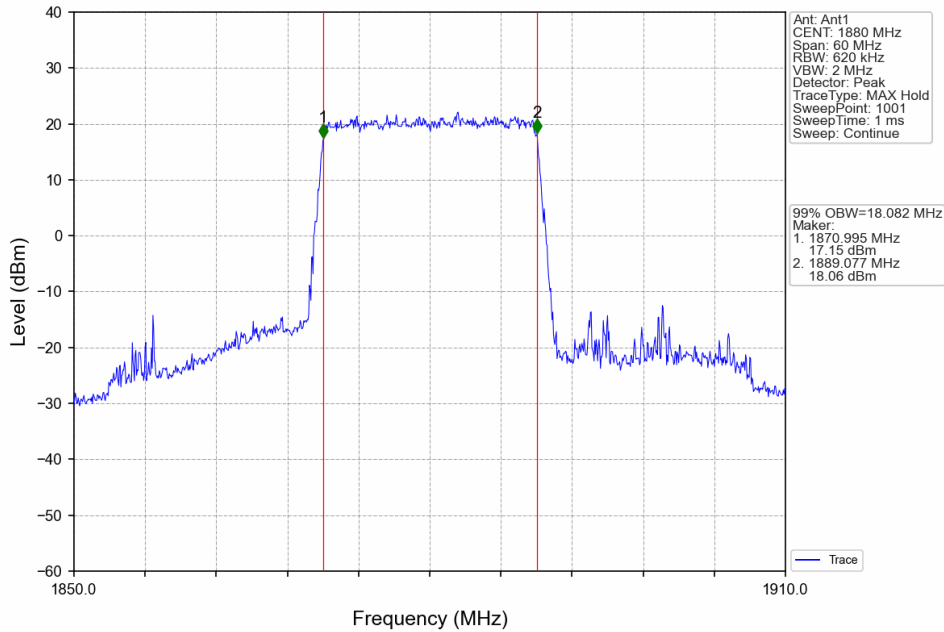


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Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV

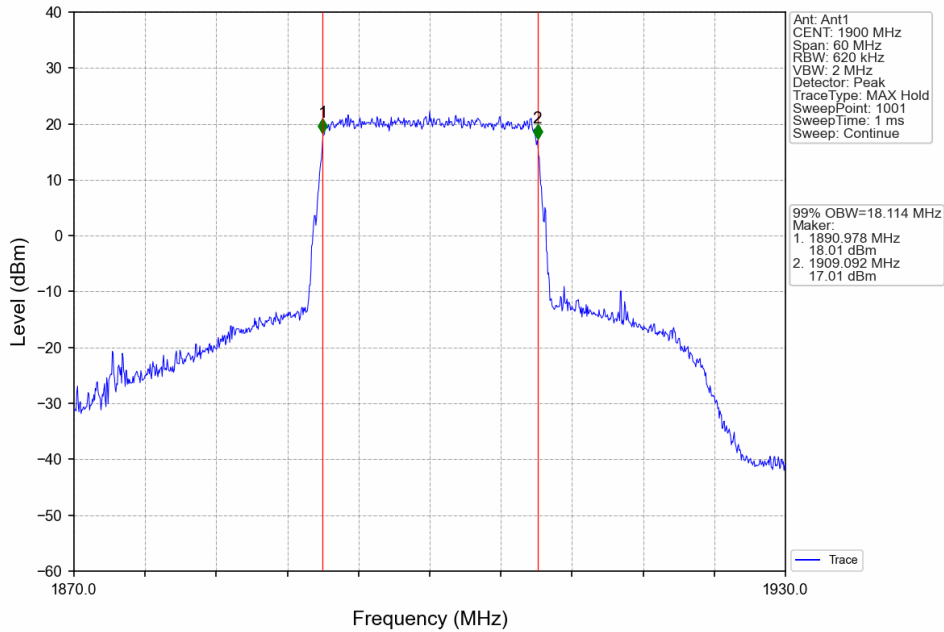


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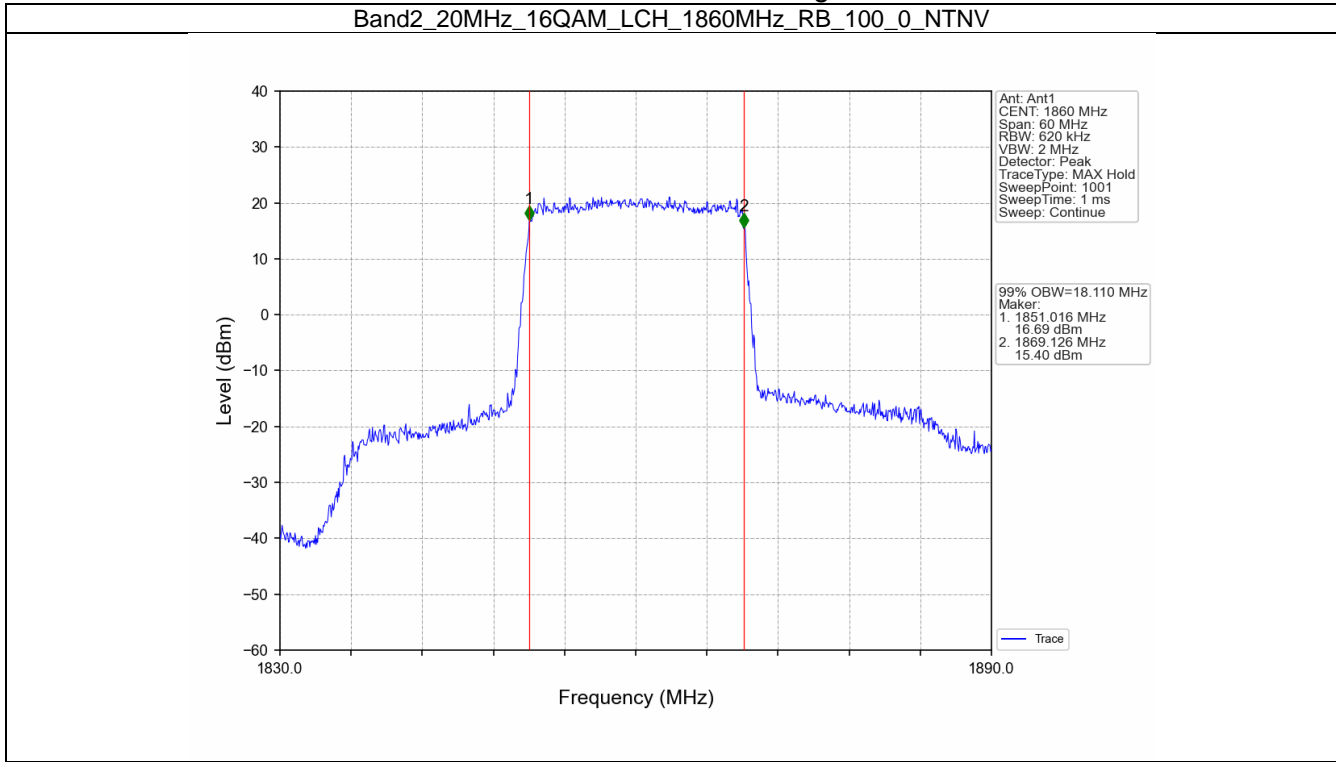
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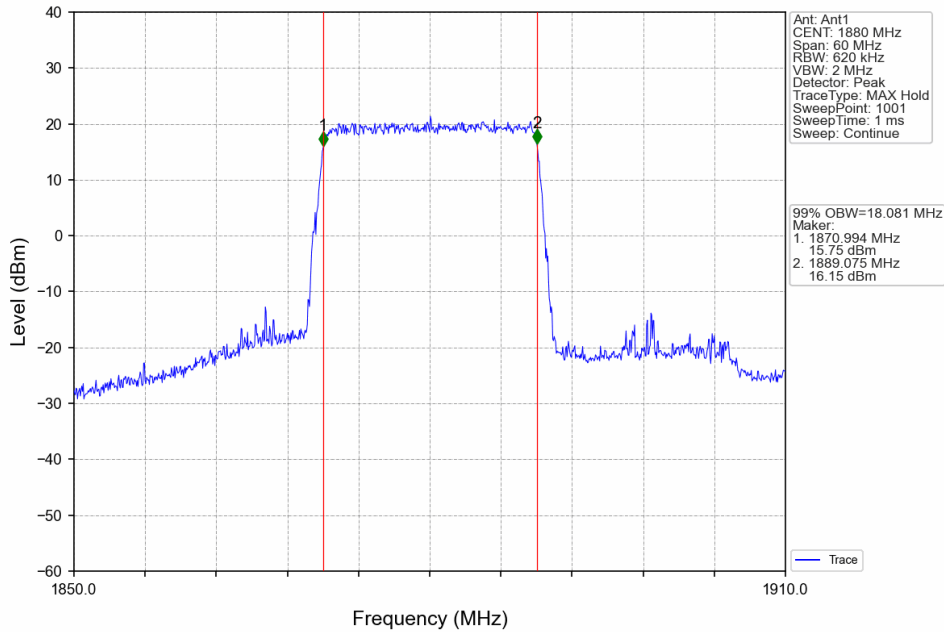


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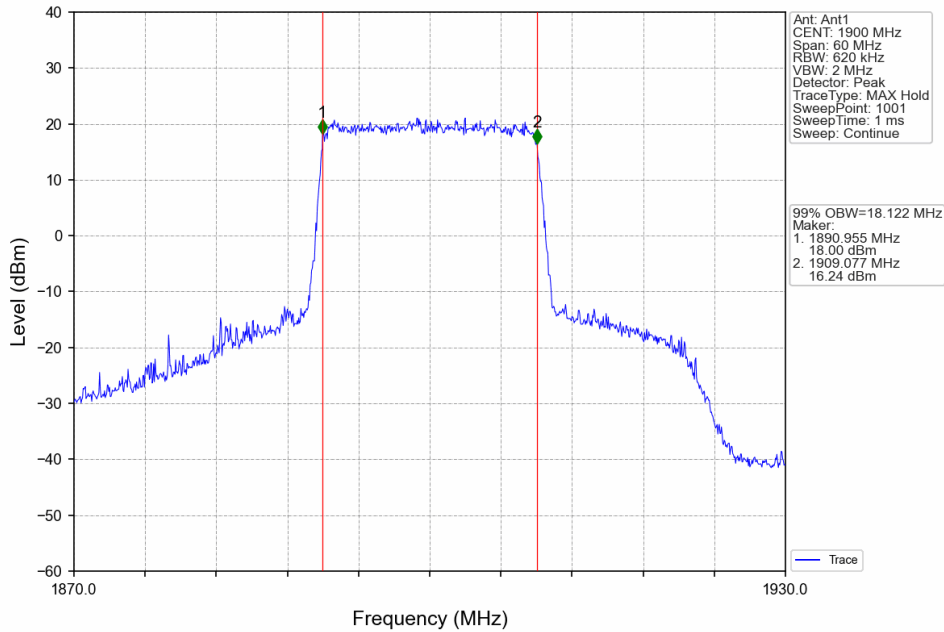


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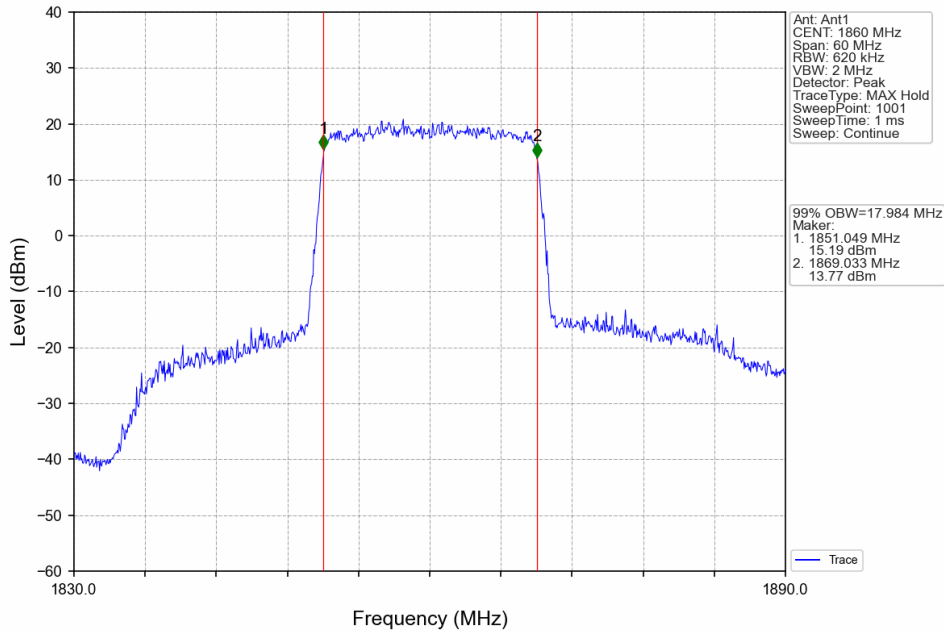
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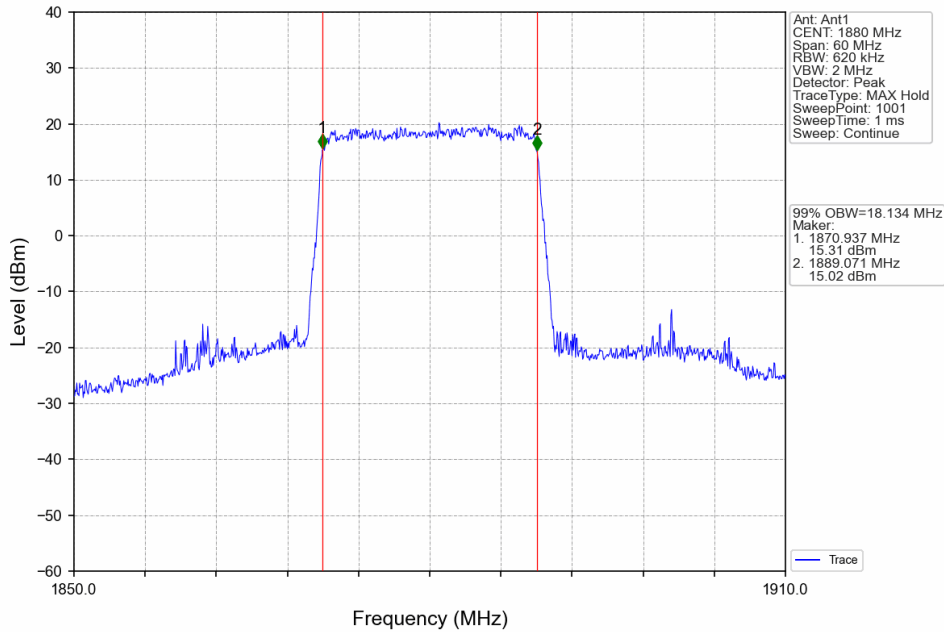
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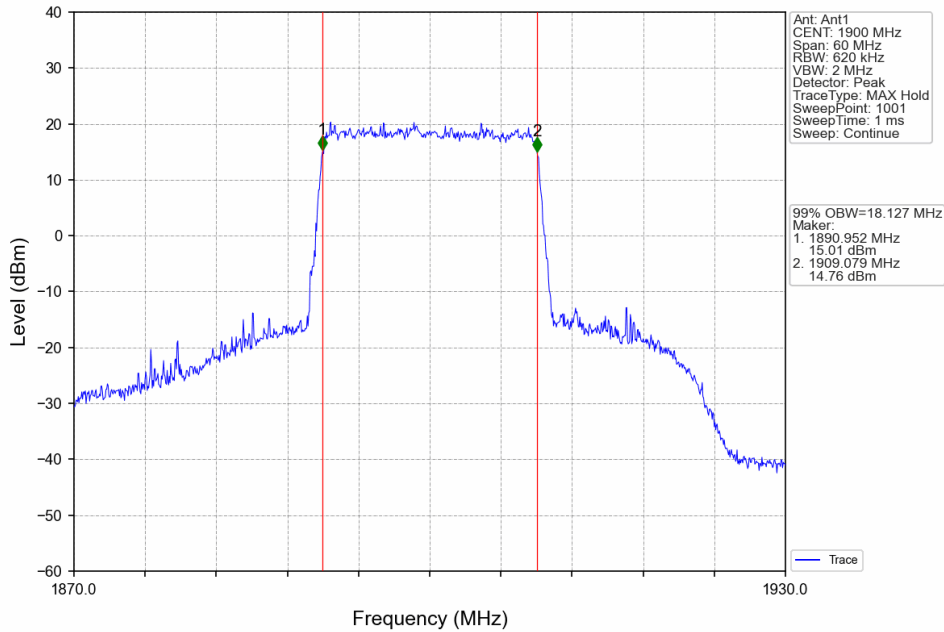


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2.2 Band2_XDB

2.2.1 Test Result

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	1.260	/	Pass
		1880	6	0	1.260	/	Pass
		1909.3	6	0	1.258	/	Pass
	16QAM	1850.7	6	0	1.255	/	Pass
		1880	6	0	1.271	/	Pass
		1909.3	6	0	1.254	/	Pass
	64QAM	1850.7	6	0	1.274	/	Pass
		1880	6	0	1.248	/	Pass
		1909.3	6	0	1.262	/	Pass
3	QPSK	1851.5	15	0	3.067	/	Pass
		1880	15	0	3.086	/	Pass
		1908.5	15	0	3.051	/	Pass
	16QAM	1851.5	15	0	3.041	/	Pass
		1880	15	0	3.075	/	Pass
		1908.5	15	0	3.061	/	Pass
	64QAM	1851.5	15	0	3.050	/	Pass
		1880	15	0	3.058	/	Pass
		1908.5	15	0	3.078	/	Pass
5	QPSK	1852.5	25	0	5.044	/	Pass
		1880	25	0	5.083	/	Pass
		1907.5	25	0	5.058	/	Pass
	16QAM	1852.5	25	0	5.019	/	Pass
		1880	25	0	5.080	/	Pass
		1907.5	25	0	5.076	/	Pass
	64QAM	1852.5	25	0	5.011	/	Pass
		1880	25	0	5.056	/	Pass
		1907.5	25	0	5.029	/	Pass
10	QPSK	1855	50	0	10.002	/	Pass
		1880	50	0	10.018	/	Pass
		1905	50	0	9.980	/	Pass
	16QAM	1855	50	0	9.942	/	Pass
		1880	50	0	9.913	/	Pass
		1905	50	0	10.048	/	Pass
	64QAM	1855	50	0	9.950	/	Pass
		1880	50	0	10.001	/	Pass
		1905	50	0	10.034	/	Pass
15	QPSK	1857.5	75	0	14.945	/	Pass
		1880	75	0	14.889	/	Pass
		1902.5	75	0	14.983	/	Pass
	16QAM	1857.5	75	0	15.723	/	Pass



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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Rev.: 01

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	64QAM	1880	75	0	15.000	/	Pass
		1902.5	75	0	14.931	/	Pass
		1857.5	75	0	14.885	/	Pass
		1880	75	0	14.919	/	Pass
		1902.5	75	0	14.941	/	Pass
20	QPSK	1860	100	0	19.782	/	Pass
		1880	100	0	19.905	/	Pass
		1900	100	0	19.909	/	Pass
	16QAM	1860	100	0	19.922	/	Pass
		1880	100	0	19.977	/	Pass
		1900	100	0	19.859	/	Pass
	64QAM	1860	100	0	19.763	/	Pass
		1880	100	0	19.777	/	Pass
		1900	100	0	19.893	/	Pass



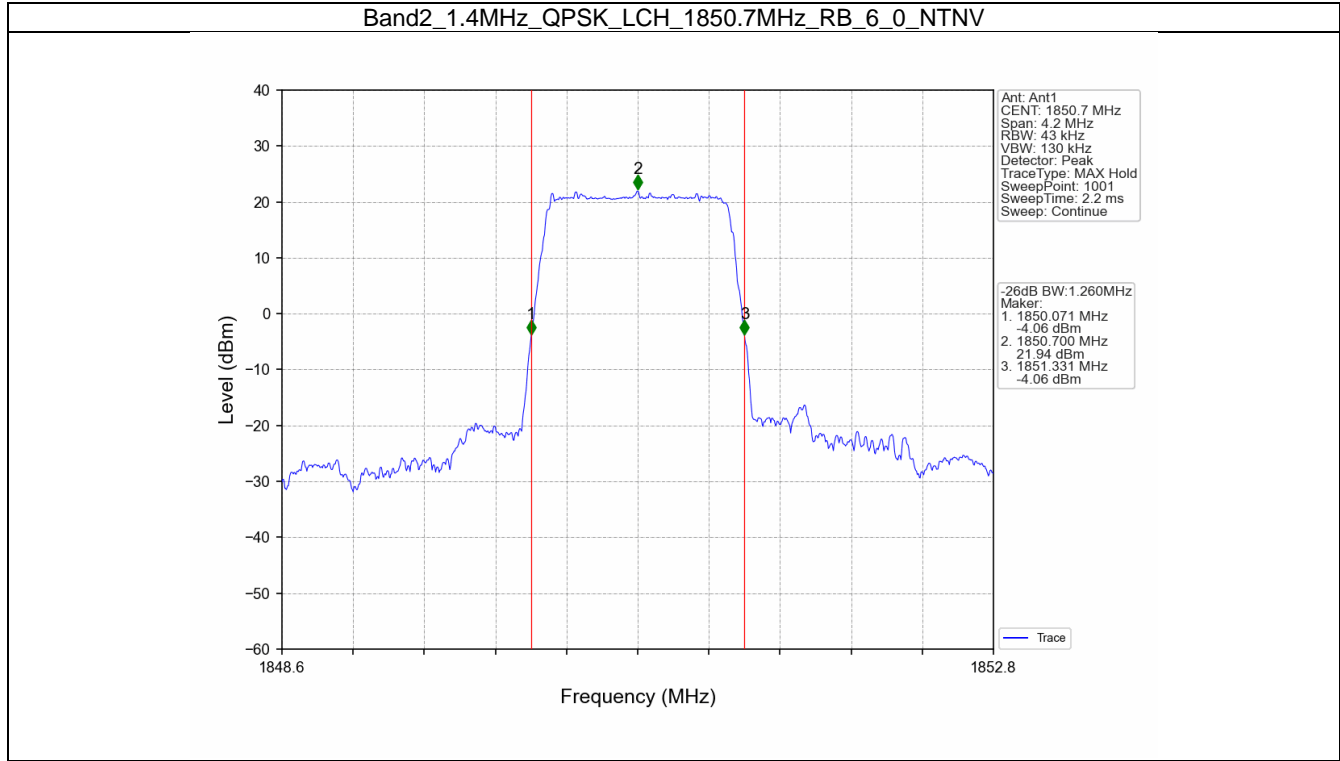
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2.2.2 Test Graph

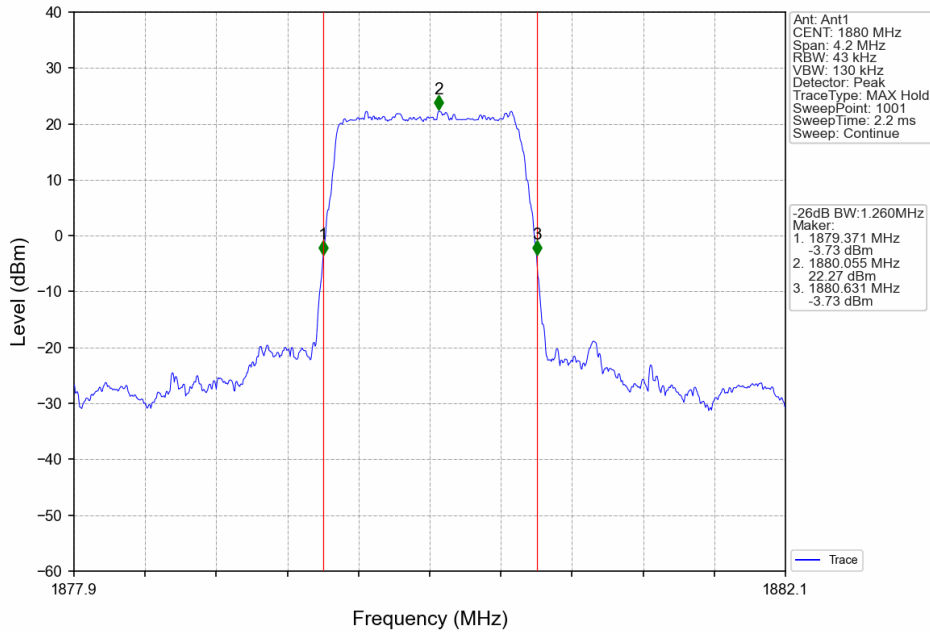


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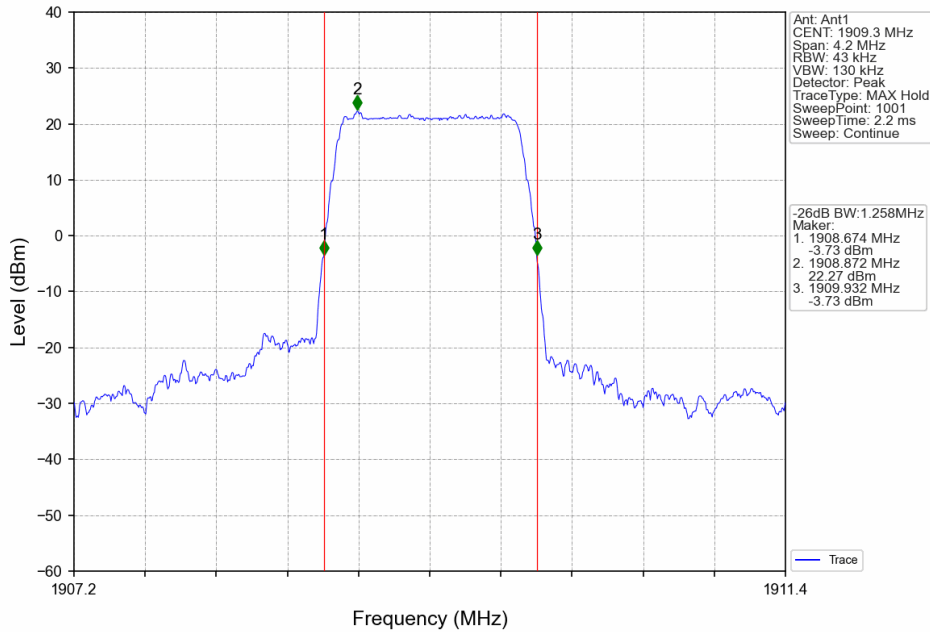


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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

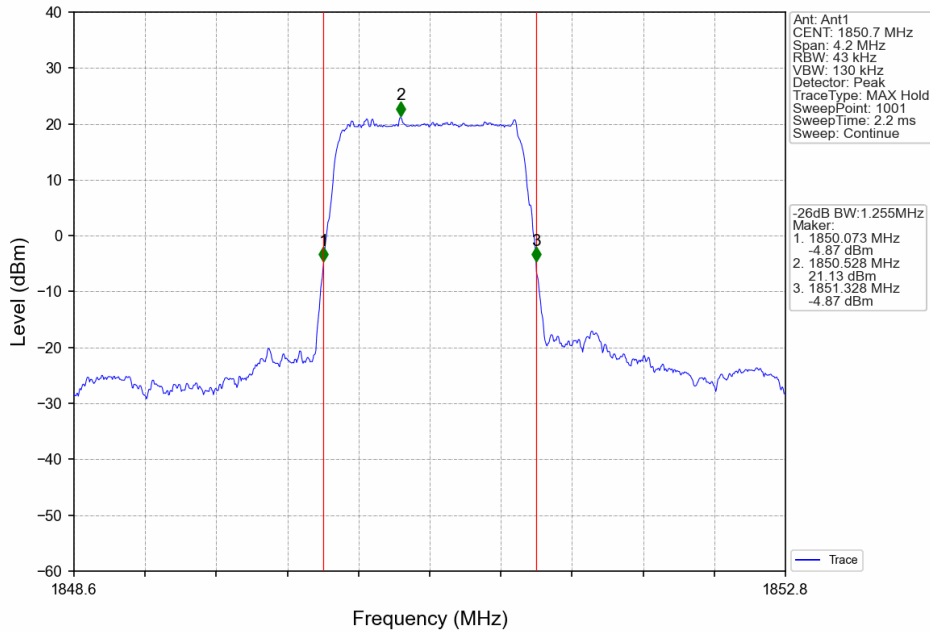


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Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

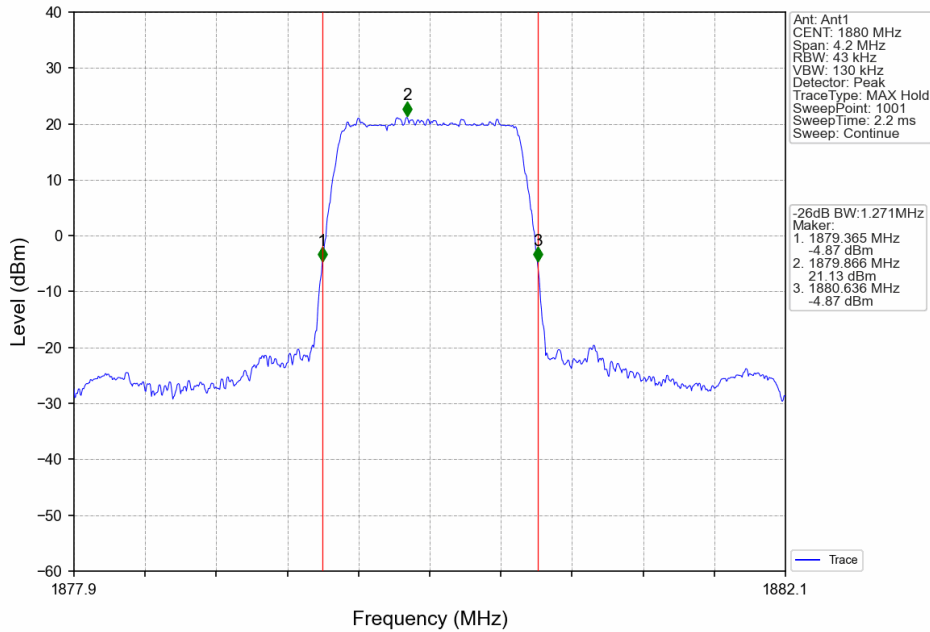


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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV

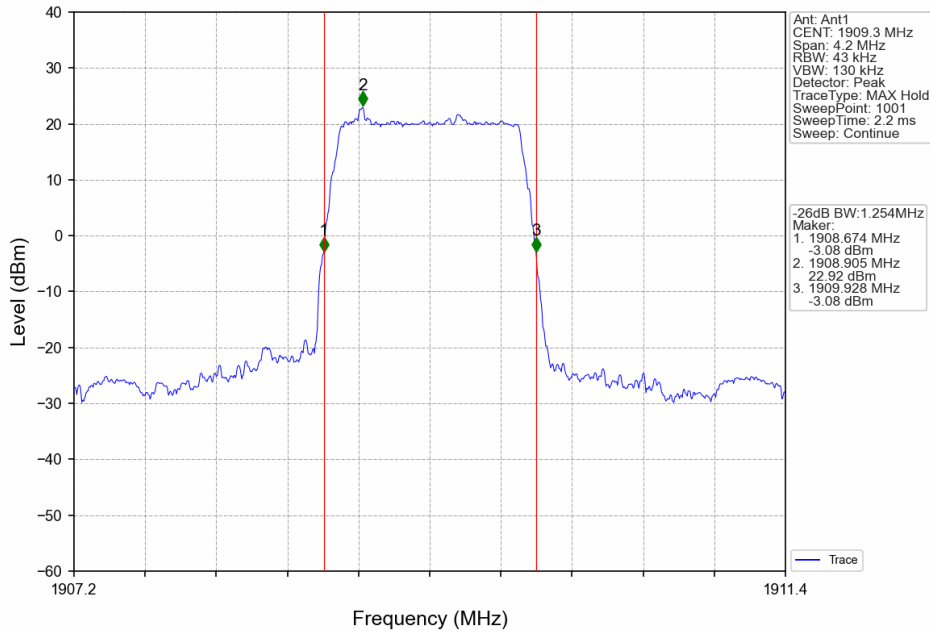


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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

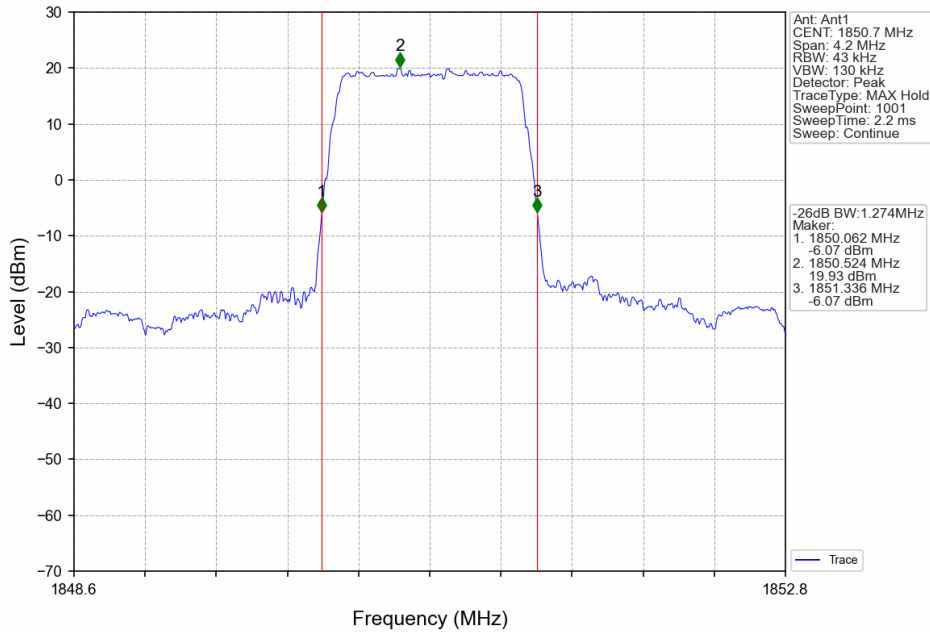


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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV

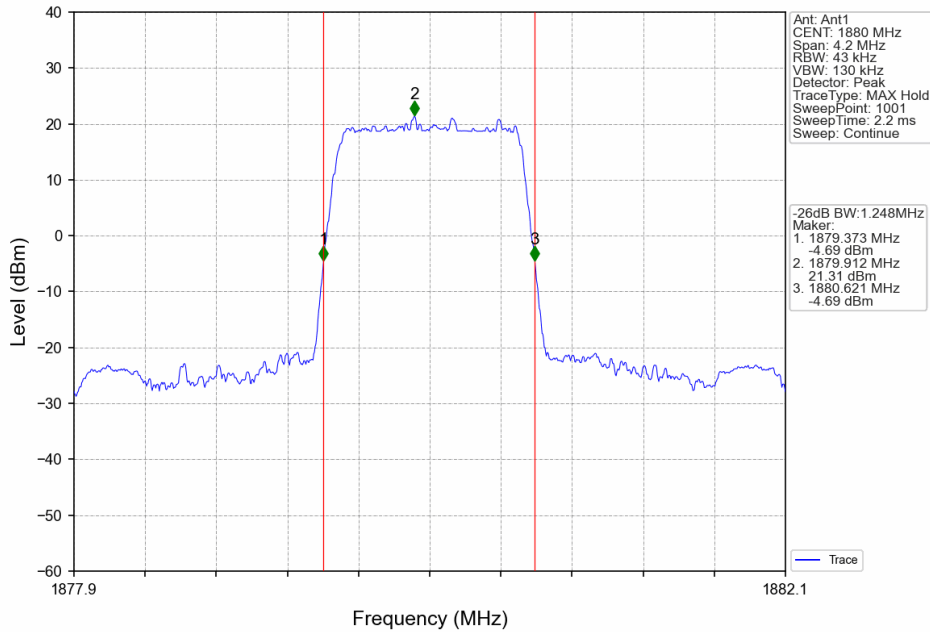


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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

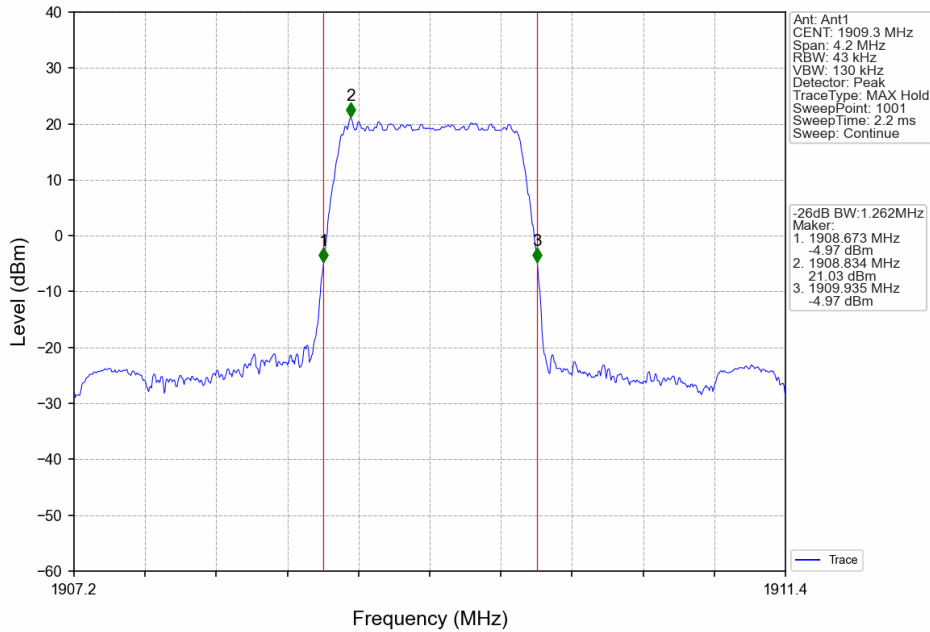


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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV

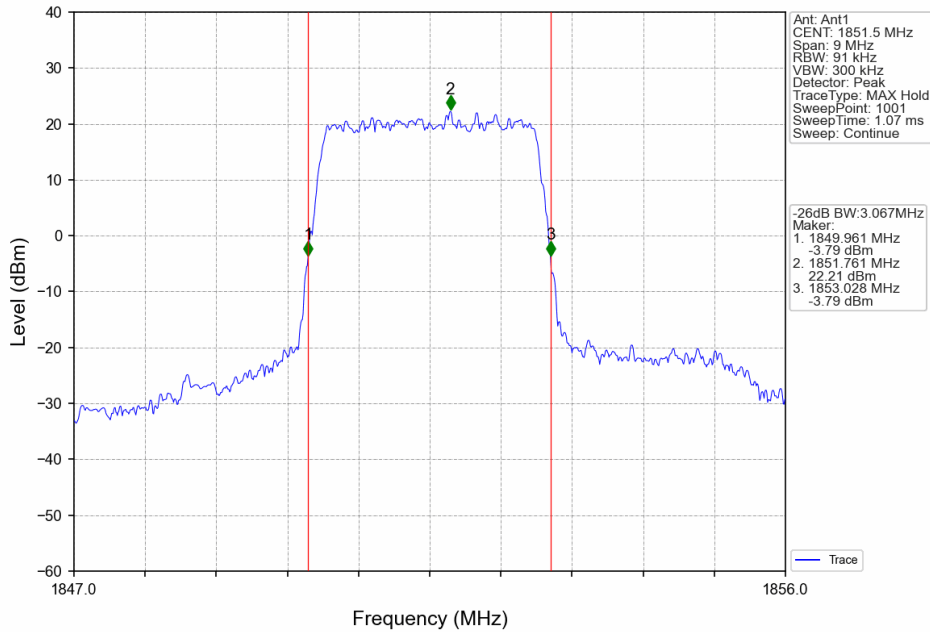


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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

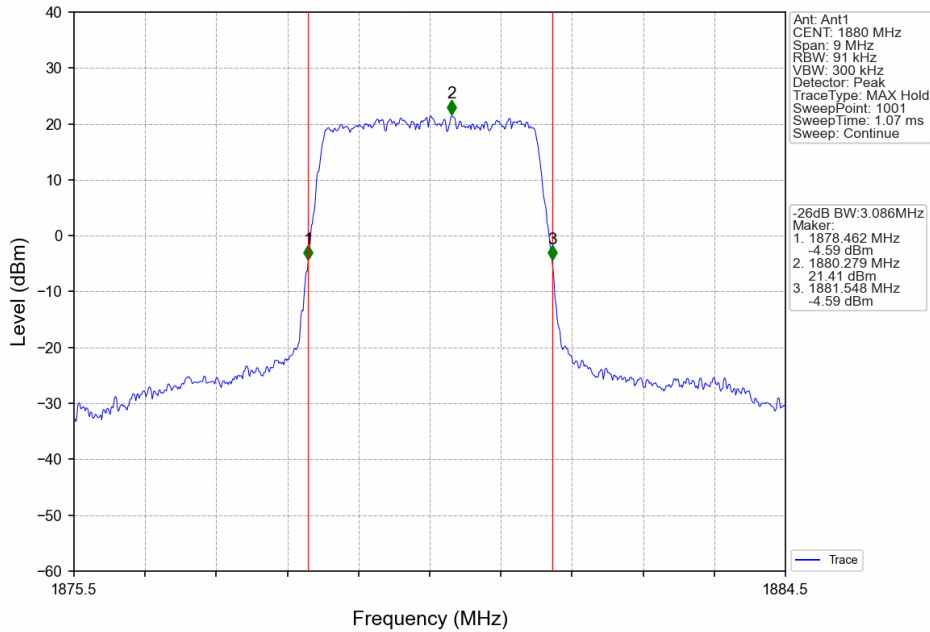


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Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

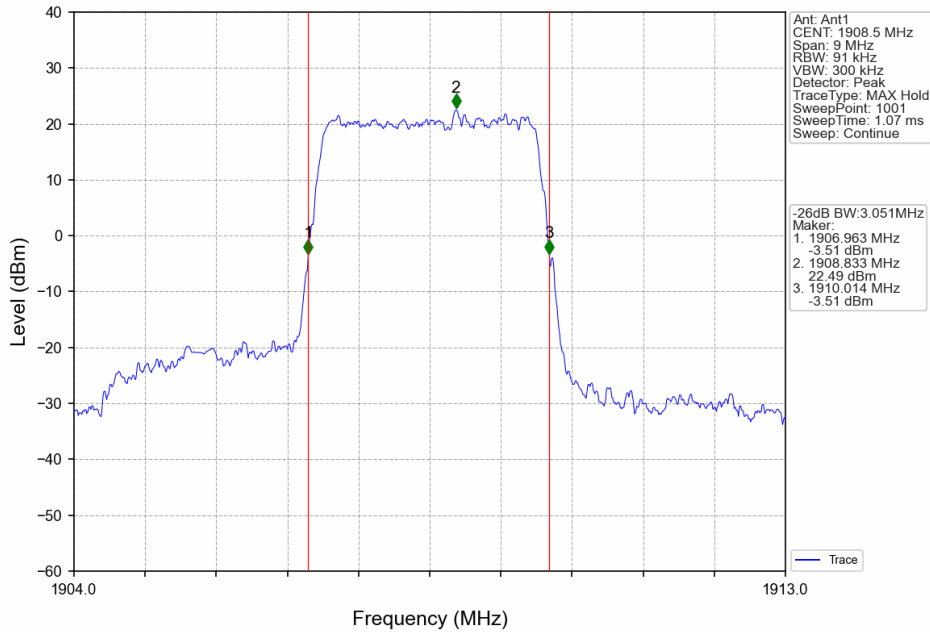


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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

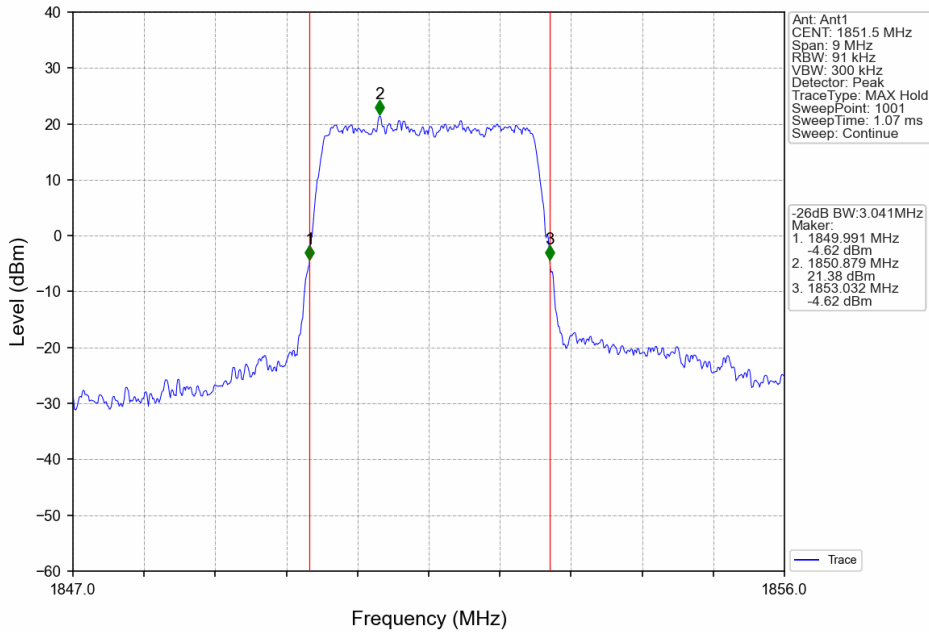


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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

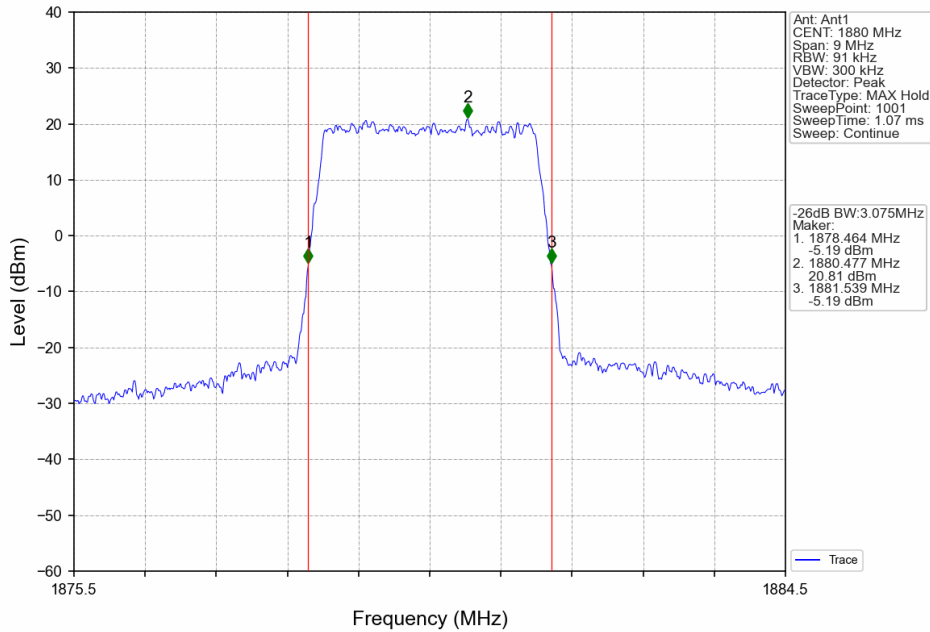


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Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

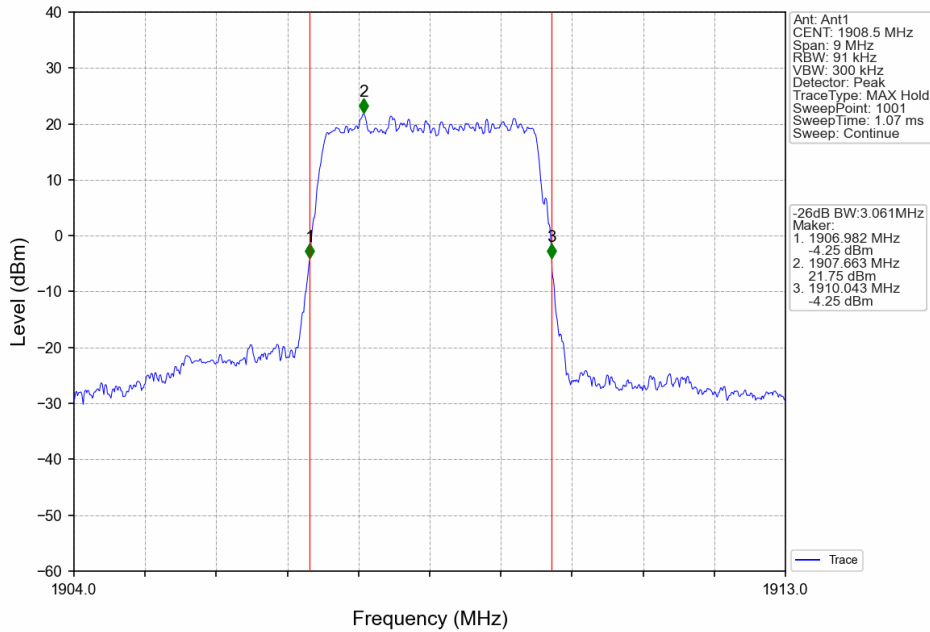


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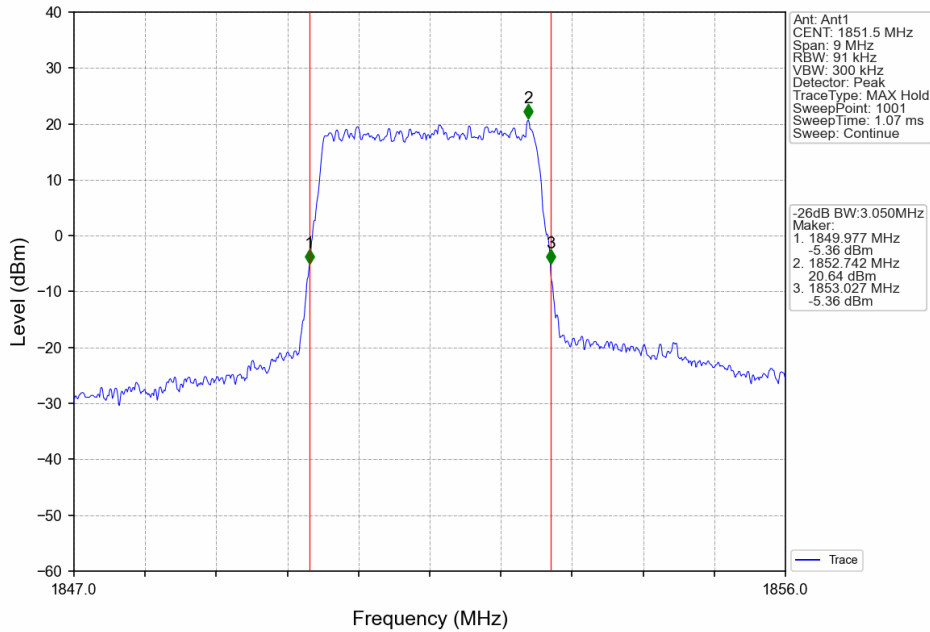


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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



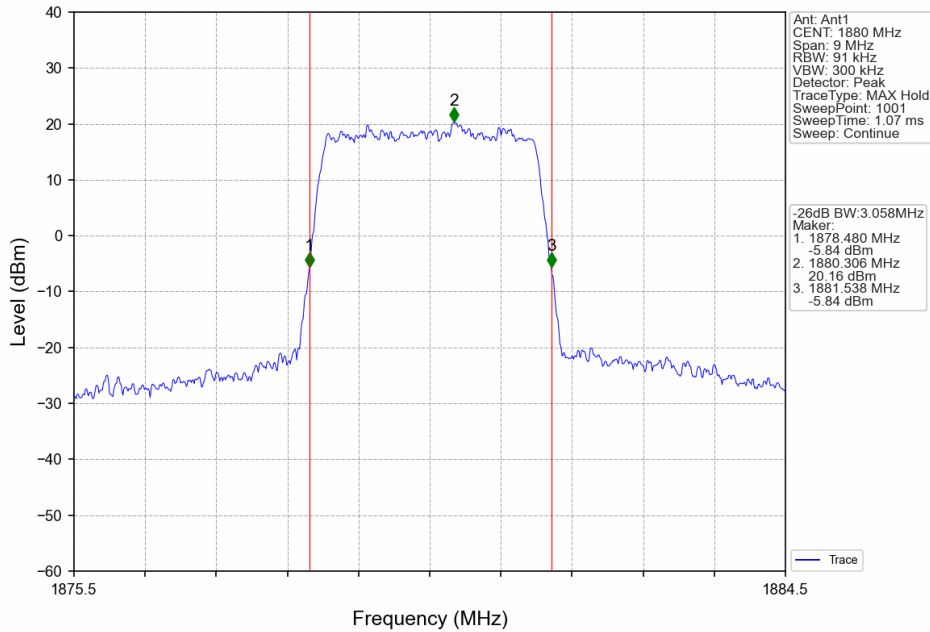
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Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV

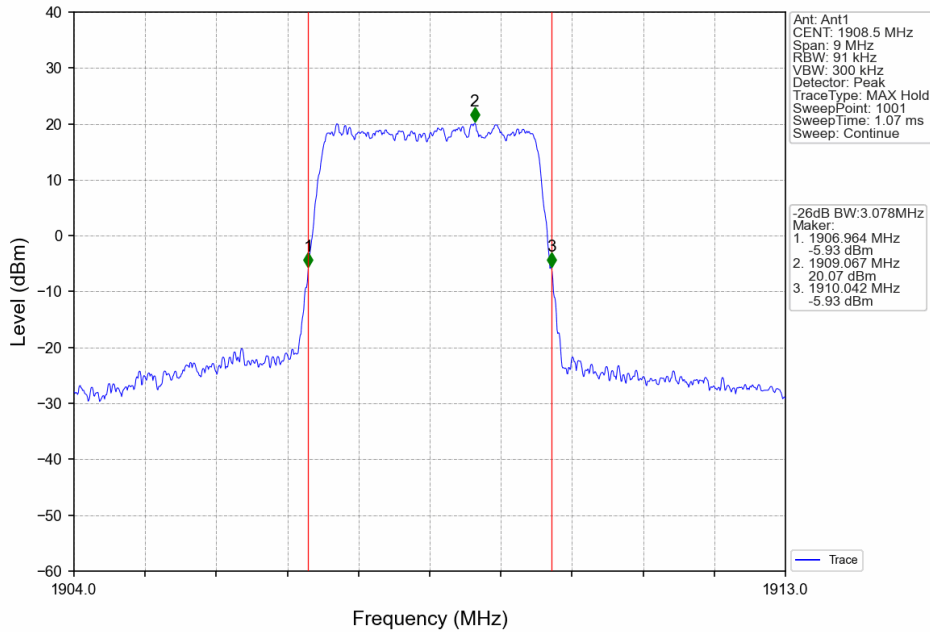


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Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV

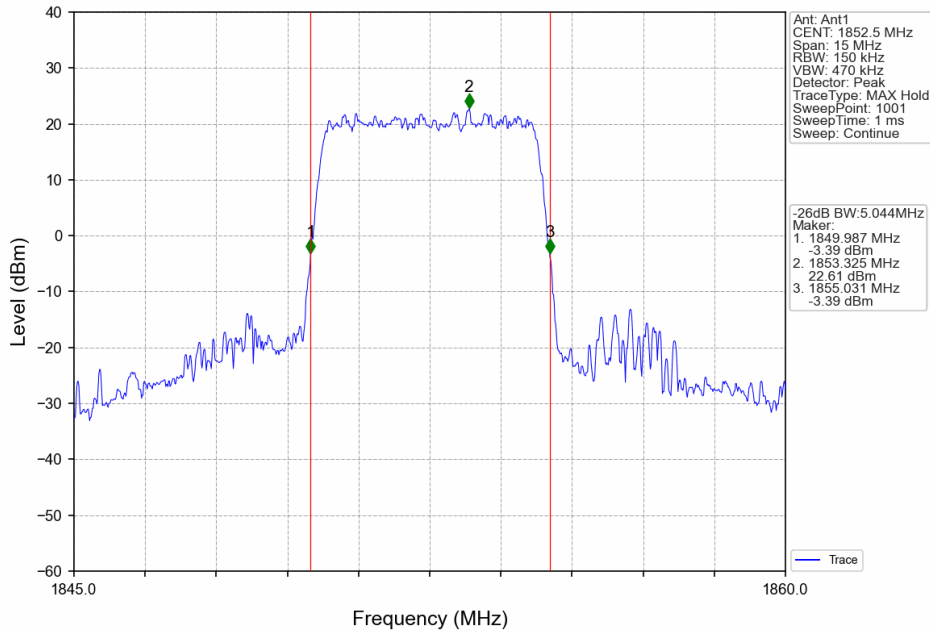


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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



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