



Appendix B.16

LTE Band 26(824-849)



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1. Frequency Stability

1.1 B26b_1.4MHz

1.1.1 Test Result

Band: 26b / 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	824.7	6	0	20	3.8	12.178	0.0148	-2.5 to 2.5	Pass
					4.0	4.528	0.0055	-2.5 to 2.5	Pass
					4.2	-4.312	-0.0052	-2.5 to 2.5	Pass
				-30	4.0	-0.547	-0.0007	-2.5 to 2.5	Pass
				-20	4.0	-2.287	-0.0028	-2.5 to 2.5	Pass
				-10	4.0	-2.107	-0.0026	-2.5 to 2.5	Pass
				0	4.0	-0.322	-0.0004	-2.5 to 2.5	Pass
				10	4.0	2.717	0.0033	-2.5 to 2.5	Pass
				30	4.0	1.458	0.0018	-2.5 to 2.5	Pass
				40	4.0	2.355	0.0029	-2.5 to 2.5	Pass
				50	4.0	0.334	0.0004	-2.5 to 2.5	Pass
	836.5	6	0	20	3.8	0.231	0.0003	-2.5 to 2.5	Pass
					4.0	-6.690	-0.0080	-2.5 to 2.5	Pass
					4.2	-16.745	-0.0200	-2.5 to 2.5	Pass
				-30	4.0	-4.090	-0.0049	-2.5 to 2.5	Pass
				-20	4.0	-0.954	-0.0011	-2.5 to 2.5	Pass
				-10	4.0	1.377	0.0016	-2.5 to 2.5	Pass
				0	4.0	1.290	0.0015	-2.5 to 2.5	Pass
				10	4.0	-2.824	-0.0034	-2.5 to 2.5	Pass
				30	4.0	2.279	0.0027	-2.5 to 2.5	Pass
				40	4.0	-1.941	-0.0023	-2.5 to 2.5	Pass
				50	4.0	-0.497	-0.0006	-2.5 to 2.5	Pass
	848.3	6	0	20	3.8	-16.439	-0.0194	-2.5 to 2.5	Pass
					4.0	-17.814	-0.0210	-2.5 to 2.5	Pass
					4.2	-12.824	-0.0151	-2.5 to 2.5	Pass
				-30	4.0	-5.191	-0.0061	-2.5 to 2.5	Pass
				-20	4.0	-1.439	-0.0017	-2.5 to 2.5	Pass
				-10	4.0	-5.291	-0.0062	-2.5 to 2.5	Pass
				0	4.0	-0.999	-0.0012	-2.5 to 2.5	Pass
				10	4.0	-1.774	-0.0021	-2.5 to 2.5	Pass
				30	4.0	1.900	0.0022	-2.5 to 2.5	Pass
				40	4.0	2.429	0.0029	-2.5 to 2.5	Pass
				50	4.0	1.561	0.0018	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.8	11.985	0.0145	-2.5 to 2.5	Pass
					4.0	1.135	0.0014	-2.5 to 2.5	Pass
					4.2	1.107	0.0013	-2.5 to 2.5	Pass
				-30	4.0	-0.746	-0.0009	-2.5 to 2.5	Pass
				-20	4.0	1.904	0.0023	-2.5 to 2.5	Pass
				-10	4.0	0.044	0.0001	-2.5 to 2.5	Pass
				0	4.0	-0.808	-0.0010	-2.5 to 2.5	Pass
				10	4.0	-0.349	-0.0004	-2.5 to 2.5	Pass
				30	4.0	-4.180	-0.0051	-2.5 to 2.5	Pass
				40	4.0	-0.897	-0.0011	-2.5 to 2.5	Pass
				50	4.0	-0.113	-0.0001	-2.5 to 2.5	Pass



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	836.5	6	0	20	3.8	-2.720	-0.0033	-2.5 to 2.5	Pass
					4.0	-4.279	-0.0051	-2.5 to 2.5	Pass
					4.2	0.025	0.0000	-2.5 to 2.5	Pass
				-30	4.0	1.982	0.0024	-2.5 to 2.5	Pass
				-20	4.0	-2.066	-0.0025	-2.5 to 2.5	Pass
				-10	4.0	1.884	0.0023	-2.5 to 2.5	Pass
				0	4.0	-4.567	-0.0055	-2.5 to 2.5	Pass
				10	4.0	0.136	0.0002	-2.5 to 2.5	Pass
				30	4.0	-4.957	-0.0059	-2.5 to 2.5	Pass
				40	4.0	-0.583	-0.0007	-2.5 to 2.5	Pass
				50	4.0	3.381	0.0040	-2.5 to 2.5	Pass
	848.3	6	0	20	3.8	-22.190	-0.0262	-2.5 to 2.5	Pass
					4.0	-19.581	-0.0231	-2.5 to 2.5	Pass
					4.2	-14.328	-0.0169	-2.5 to 2.5	Pass
				-30	4.0	-10.912	-0.0129	-2.5 to 2.5	Pass
				-20	4.0	-1.282	-0.0015	-2.5 to 2.5	Pass
				-10	4.0	-2.270	-0.0027	-2.5 to 2.5	Pass
				0	4.0	-3.847	-0.0045	-2.5 to 2.5	Pass
				10	4.0	1.194	0.0014	-2.5 to 2.5	Pass
				30	4.0	1.455	0.0017	-2.5 to 2.5	Pass
				40	4.0	-3.970	-0.0047	-2.5 to 2.5	Pass
				50	4.0	-2.940	-0.0035	-2.5 to 2.5	Pass
64QAM	824.7	6	0	20	3.8	-23.210	-0.0281	-2.5 to 2.5	Pass
					4.0	-5.579	-0.0068	-2.5 to 2.5	Pass
					4.2	-1.694	-0.0021	-2.5 to 2.5	Pass
				-30	4.0	-2.896	-0.0035	-2.5 to 2.5	Pass
				-20	4.0	2.058	0.0025	-2.5 to 2.5	Pass
				-10	4.0	-0.167	-0.0002	-2.5 to 2.5	Pass
				0	4.0	1.823	0.0022	-2.5 to 2.5	Pass
				10	4.0	-2.153	-0.0026	-2.5 to 2.5	Pass
				30	4.0	-0.729	-0.0009	-2.5 to 2.5	Pass
				40	4.0	-0.950	-0.0012	-2.5 to 2.5	Pass
				50	4.0	-0.228	-0.0003	-2.5 to 2.5	Pass
	836.5	6	0	20	3.8	-5.351	-0.0064	-2.5 to 2.5	Pass
					4.0	-8.063	-0.0096	-2.5 to 2.5	Pass
					4.2	-4.415	-0.0053	-2.5 to 2.5	Pass
				-30	4.0	-16.633	-0.0199	-2.5 to 2.5	Pass
				-20	4.0	-22.992	-0.0275	-2.5 to 2.5	Pass
				-10	4.0	-15.012	-0.0179	-2.5 to 2.5	Pass
				0	4.0	-12.186	-0.0146	-2.5 to 2.5	Pass
				10	4.0	-5.267	-0.0063	-2.5 to 2.5	Pass
				30	4.0	-5.264	-0.0063	-2.5 to 2.5	Pass
				40	4.0	-4.029	-0.0048	-2.5 to 2.5	Pass
				50	4.0	-2.315	-0.0028	-2.5 to 2.5	Pass
	848.3	6	0	20	3.8	5.158	0.0061	-2.5 to 2.5	Pass
					4.0	13.539	0.0160	-2.5 to 2.5	Pass
					4.2	12.695	0.0150	-2.5 to 2.5	Pass
				-30	4.0	10.785	0.0127	-2.5 to 2.5	Pass
				-20	4.0	6.449	0.0076	-2.5 to 2.5	Pass
				-10	4.0	5.605	0.0066	-2.5 to 2.5	Pass
				0	4.0	0.301	0.0004	-2.5 to 2.5	Pass
				10	4.0	-2.500	-0.0029	-2.5 to 2.5	Pass
				30	4.0	-1.169	-0.0014	-2.5 to 2.5	Pass
				40	4.0	-1.451	-0.0017	-2.5 to 2.5	Pass



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				50	4.0	1.129	0.0013	-2.5 to 2.5	Pass
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1.2 B26b_3MHz

1.2.1 Test Result

Band: 26b / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.8	-2.091	-0.0025	-2.5 to 2.5	Pass
					4.0	-1.164	-0.0014	-2.5 to 2.5	Pass
					4.2	1.944	0.0024	-2.5 to 2.5	Pass
				-30	4.0	-0.489	-0.0006	-2.5 to 2.5	Pass
				-20	4.0	6.164	0.0075	-2.5 to 2.5	Pass
				-10	4.0	3.390	0.0041	-2.5 to 2.5	Pass
				0	4.0	0.257	0.0003	-2.5 to 2.5	Pass
				10	4.0	-1.842	-0.0022	-2.5 to 2.5	Pass
				30	4.0	5.343	0.0065	-2.5 to 2.5	Pass
				40	4.0	4.443	0.0054	-2.5 to 2.5	Pass
				50	4.0	2.103	0.0025	-2.5 to 2.5	Pass
	836.5	15	0	20	3.8	0.061	0.0001	-2.5 to 2.5	Pass
					4.0	-1.890	-0.0023	-2.5 to 2.5	Pass
					4.2	3.191	0.0038	-2.5 to 2.5	Pass
				-30	4.0	-0.991	-0.0012	-2.5 to 2.5	Pass
				-20	4.0	3.807	0.0046	-2.5 to 2.5	Pass
				-10	4.0	-1.977	-0.0024	-2.5 to 2.5	Pass
				0	4.0	1.748	0.0021	-2.5 to 2.5	Pass
				10	4.0	-0.342	-0.0004	-2.5 to 2.5	Pass
				30	4.0	-2.346	-0.0028	-2.5 to 2.5	Pass
				40	4.0	-3.349	-0.0040	-2.5 to 2.5	Pass
				50	4.0	3.201	0.0038	-2.5 to 2.5	Pass
	847.5	15	0	20	3.8	-0.182	-0.0002	-2.5 to 2.5	Pass
					4.0	5.330	0.0063	-2.5 to 2.5	Pass
					4.2	2.834	0.0033	-2.5 to 2.5	Pass
				-30	4.0	4.375	0.0052	-2.5 to 2.5	Pass
				-20	4.0	-1.259	-0.0015	-2.5 to 2.5	Pass
				-10	4.0	2.410	0.0028	-2.5 to 2.5	Pass
				0	4.0	3.681	0.0043	-2.5 to 2.5	Pass
				10	4.0	3.082	0.0036	-2.5 to 2.5	Pass
				30	4.0	5.900	0.0070	-2.5 to 2.5	Pass
				40	4.0	0.345	0.0004	-2.5 to 2.5	Pass
				50	4.0	3.491	0.0041	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.8	-1.504	-0.0018	-2.5 to 2.5	Pass
					4.0	-0.859	-0.0010	-2.5 to 2.5	Pass
					4.2	3.232	0.0039	-2.5 to 2.5	Pass
				-30	4.0	6.680	0.0081	-2.5 to 2.5	Pass
				-20	4.0	-1.768	-0.0021	-2.5 to 2.5	Pass
				-10	4.0	-2.937	-0.0036	-2.5 to 2.5	Pass
				0	4.0	5.101	0.0062	-2.5 to 2.5	Pass
				10	4.0	4.558	0.0055	-2.5 to 2.5	Pass
				30	4.0	0.811	0.0010	-2.5 to 2.5	Pass
				40	4.0	0.215	0.0003	-2.5 to 2.5	Pass
				50	4.0	-1.475	-0.0018	-2.5 to 2.5	Pass
	836.5	15	0	20	3.8	-3.120	-0.0037	-2.5 to 2.5	Pass
					4.0	-2.852	-0.0034	-2.5 to 2.5	Pass



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					4.2	-3.109	-0.0037	-2.5 to 2.5	Pass
				-30	4.0	3.437	0.0041	-2.5 to 2.5	Pass
				-20	4.0	2.935	0.0035	-2.5 to 2.5	Pass
				-10	4.0	-0.044	-0.0001	-2.5 to 2.5	Pass
				0	4.0	-0.581	-0.0007	-2.5 to 2.5	Pass
				10	4.0	-4.262	-0.0051	-2.5 to 2.5	Pass
				30	4.0	-4.405	-0.0053	-2.5 to 2.5	Pass
				40	4.0	2.196	0.0026	-2.5 to 2.5	Pass
				50	4.0	-1.804	-0.0022	-2.5 to 2.5	Pass
	847.5	15	0	20	3.8	4.975	0.0059	-2.5 to 2.5	Pass
					4.0	2.437	0.0029	-2.5 to 2.5	Pass
					4.2	-2.044	-0.0024	-2.5 to 2.5	Pass
				-30	4.0	2.395	0.0028	-2.5 to 2.5	Pass
				-20	4.0	-3.089	-0.0036	-2.5 to 2.5	Pass
				-10	4.0	3.541	0.0042	-2.5 to 2.5	Pass
				0	4.0	1.430	0.0017	-2.5 to 2.5	Pass
				10	4.0	-2.630	-0.0031	-2.5 to 2.5	Pass
				30	4.0	-2.447	-0.0029	-2.5 to 2.5	Pass
				40	4.0	0.703	0.0008	-2.5 to 2.5	Pass
64QAM	825.5	15	0	20	3.8	-1.473	-0.0018	-2.5 to 2.5	Pass
					4.0	-0.088	-0.0001	-2.5 to 2.5	Pass
					4.2	0.780	0.0009	-2.5 to 2.5	Pass
				-30	4.0	-1.871	-0.0023	-2.5 to 2.5	Pass
				-20	4.0	-2.648	-0.0032	-2.5 to 2.5	Pass
				-10	4.0	4.783	0.0058	-2.5 to 2.5	Pass
				0	4.0	-0.602	-0.0007	-2.5 to 2.5	Pass
				10	4.0	-1.983	-0.0024	-2.5 to 2.5	Pass
				30	4.0	-1.640	-0.0020	-2.5 to 2.5	Pass
				40	4.0	3.969	0.0048	-2.5 to 2.5	Pass
	836.5	15	0	20	3.8	4.136	0.0049	-2.5 to 2.5	Pass
					4.0	0.998	0.0012	-2.5 to 2.5	Pass
					4.2	2.009	0.0024	-2.5 to 2.5	Pass
				-30	4.0	-0.578	-0.0007	-2.5 to 2.5	Pass
				-20	4.0	-0.956	-0.0011	-2.5 to 2.5	Pass
				-10	4.0	4.980	0.0060	-2.5 to 2.5	Pass
				0	4.0	5.252	0.0063	-2.5 to 2.5	Pass
				10	4.0	3.603	0.0043	-2.5 to 2.5	Pass
				30	4.0	3.122	0.0037	-2.5 to 2.5	Pass
				40	4.0	-1.454	-0.0017	-2.5 to 2.5	Pass
	847.5	15	0	20	3.8	6.064	0.0072	-2.5 to 2.5	Pass
					4.0	2.593	0.0031	-2.5 to 2.5	Pass
					4.2	0.622	0.0007	-2.5 to 2.5	Pass
				-30	4.0	5.062	0.0060	-2.5 to 2.5	Pass
				-20	4.0	2.181	0.0026	-2.5 to 2.5	Pass
				-10	4.0	-1.935	-0.0023	-2.5 to 2.5	Pass
				0	4.0	4.724	0.0056	-2.5 to 2.5	Pass
				10	4.0	0.129	0.0002	-2.5 to 2.5	Pass
				30	4.0	-1.559	-0.0018	-2.5 to 2.5	Pass
				40	4.0	-2.218	-0.0026	-2.5 to 2.5	Pass
				50	4.0	4.177	0.0049	-2.5 to 2.5	Pass



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1.3 B26b_5MHz

1.3.1 Test Result

Band: 26b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.8	1.638	0.0020	-2.5 to 2.5	Pass
					4.0	3.795	0.0046	-2.5 to 2.5	Pass
					4.2	5.650	0.0068	-2.5 to 2.5	Pass
				-30	4.0	-0.753	-0.0009	-2.5 to 2.5	Pass
				-20	4.0	2.540	0.0031	-2.5 to 2.5	Pass
				-10	4.0	2.962	0.0036	-2.5 to 2.5	Pass
				0	4.0	3.578	0.0043	-2.5 to 2.5	Pass
				10	4.0	-1.150	-0.0014	-2.5 to 2.5	Pass
				30	4.0	4.168	0.0050	-2.5 to 2.5	Pass
				40	4.0	-1.576	-0.0019	-2.5 to 2.5	Pass
				50	4.0	1.617	0.0020	-2.5 to 2.5	Pass
	836.5	25	0	20	3.8	0.989	0.0012	-2.5 to 2.5	Pass
					4.0	-0.105	-0.0001	-2.5 to 2.5	Pass
					4.2	-1.382	-0.0017	-2.5 to 2.5	Pass
				-30	4.0	-2.544	-0.0030	-2.5 to 2.5	Pass
				-20	4.0	5.091	0.0061	-2.5 to 2.5	Pass
				-10	4.0	4.375	0.0052	-2.5 to 2.5	Pass
				0	4.0	1.647	0.0020	-2.5 to 2.5	Pass
				10	4.0	-2.571	-0.0031	-2.5 to 2.5	Pass
				30	4.0	0.723	0.0009	-2.5 to 2.5	Pass
				40	4.0	0.266	0.0003	-2.5 to 2.5	Pass
				50	4.0	3.937	0.0047	-2.5 to 2.5	Pass
	846.5	25	0	20	3.8	-4.807	-0.0057	-2.5 to 2.5	Pass
					4.0	2.286	0.0027	-2.5 to 2.5	Pass
					4.2	-1.014	-0.0012	-2.5 to 2.5	Pass
				-30	4.0	1.821	0.0022	-2.5 to 2.5	Pass
				-20	4.0	-0.580	-0.0007	-2.5 to 2.5	Pass
				-10	4.0	-3.619	-0.0043	-2.5 to 2.5	Pass
				0	4.0	-2.875	-0.0034	-2.5 to 2.5	Pass
				10	4.0	1.614	0.0019	-2.5 to 2.5	Pass
				30	4.0	-2.763	-0.0033	-2.5 to 2.5	Pass
				40	4.0	-3.195	-0.0038	-2.5 to 2.5	Pass
				50	4.0	-2.246	-0.0027	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.8	1.800	0.0022	-2.5 to 2.5	Pass
					4.0	1.894	0.0023	-2.5 to 2.5	Pass
					4.2	-1.809	-0.0022	-2.5 to 2.5	Pass
				-30	4.0	-2.251	-0.0027	-2.5 to 2.5	Pass
				-20	4.0	-2.030	-0.0025	-2.5 to 2.5	Pass
				-10	4.0	0.529	0.0006	-2.5 to 2.5	Pass
				0	4.0	2.014	0.0024	-2.5 to 2.5	Pass
				10	4.0	4.631	0.0056	-2.5 to 2.5	Pass
				30	4.0	0.566	0.0007	-2.5 to 2.5	Pass
				40	4.0	4.025	0.0049	-2.5 to 2.5	Pass
				50	4.0	-0.719	-0.0009	-2.5 to 2.5	Pass
	836.5	25	0	20	3.8	3.087	0.0037	-2.5 to 2.5	Pass
					4.0	2.985	0.0036	-2.5 to 2.5	Pass



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					4.2	-0.474	-0.0006	-2.5 to 2.5	Pass
				-30	4.0	-1.129	-0.0013	-2.5 to 2.5	Pass
				-20	4.0	-2.300	-0.0027	-2.5 to 2.5	Pass
				-10	4.0	-1.813	-0.0022	-2.5 to 2.5	Pass
				0	4.0	-1.632	-0.0020	-2.5 to 2.5	Pass
				10	4.0	-0.137	-0.0002	-2.5 to 2.5	Pass
				30	4.0	-2.481	-0.0030	-2.5 to 2.5	Pass
				40	4.0	0.713	0.0009	-2.5 to 2.5	Pass
				50	4.0	5.292	0.0063	-2.5 to 2.5	Pass
	846.5	25	0	20	3.8	1.806	0.0021	-2.5 to 2.5	Pass
					4.0	1.800	0.0021	-2.5 to 2.5	Pass
					4.2	-1.765	-0.0021	-2.5 to 2.5	Pass
				-30	4.0	-1.349	-0.0016	-2.5 to 2.5	Pass
				-20	4.0	4.035	0.0048	-2.5 to 2.5	Pass
				-10	4.0	0.800	0.0009	-2.5 to 2.5	Pass
				0	4.0	-1.146	-0.0014	-2.5 to 2.5	Pass
				10	4.0	-2.542	-0.0030	-2.5 to 2.5	Pass
				30	4.0	1.981	0.0023	-2.5 to 2.5	Pass
				40	4.0	-3.742	-0.0044	-2.5 to 2.5	Pass
				50	4.0	-3.670	-0.0043	-2.5 to 2.5	Pass
64QAM	826.5	25	0	20	3.8	-2.588	-0.0031	-2.5 to 2.5	Pass
					4.0	-3.120	-0.0038	-2.5 to 2.5	Pass
					4.2	-2.205	-0.0027	-2.5 to 2.5	Pass
				-30	4.0	-0.286	-0.0003	-2.5 to 2.5	Pass
				-20	4.0	-3.529	-0.0043	-2.5 to 2.5	Pass
				-10	4.0	-5.413	-0.0065	-2.5 to 2.5	Pass
				0	4.0	0.817	0.0010	-2.5 to 2.5	Pass
				10	4.0	0.314	0.0004	-2.5 to 2.5	Pass
				30	4.0	-3.433	-0.0042	-2.5 to 2.5	Pass
				40	4.0	0.696	0.0008	-2.5 to 2.5	Pass
				50	4.0	-1.600	-0.0019	-2.5 to 2.5	Pass
	836.5	25	0	20	3.8	3.626	0.0043	-2.5 to 2.5	Pass
					4.0	2.411	0.0029	-2.5 to 2.5	Pass
					4.2	3.610	0.0043	-2.5 to 2.5	Pass
				-30	4.0	-1.429	-0.0017	-2.5 to 2.5	Pass
				-20	4.0	3.447	0.0041	-2.5 to 2.5	Pass
				-10	4.0	1.820	0.0022	-2.5 to 2.5	Pass
				0	4.0	1.059	0.0013	-2.5 to 2.5	Pass
				10	4.0	-0.291	-0.0003	-2.5 to 2.5	Pass
				30	4.0	6.071	0.0073	-2.5 to 2.5	Pass
				40	4.0	4.298	0.0051	-2.5 to 2.5	Pass
				50	4.0	4.792	0.0057	-2.5 to 2.5	Pass
	846.5	25	0	20	3.8	0.690	0.0008	-2.5 to 2.5	Pass
					4.0	5.498	0.0065	-2.5 to 2.5	Pass
					4.2	4.812	0.0057	-2.5 to 2.5	Pass
				-30	4.0	-0.422	-0.0005	-2.5 to 2.5	Pass
				-20	4.0	1.137	0.0013	-2.5 to 2.5	Pass
				-10	4.0	-1.829	-0.0022	-2.5 to 2.5	Pass
				0	4.0	4.274	0.0050	-2.5 to 2.5	Pass
				10	4.0	0.898	0.0011	-2.5 to 2.5	Pass
				30	4.0	-3.416	-0.0040	-2.5 to 2.5	Pass
				40	4.0	-0.262	-0.0003	-2.5 to 2.5	Pass
				50	4.0	3.099	0.0037	-2.5 to 2.5	Pass



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1.4 B26b_10MHz

1.4.1 Test Result

Band: 26b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.8	0.443	0.0005	-2.5 to 2.5	Pass
					4.0	-0.355	-0.0004	-2.5 to 2.5	Pass
					4.2	-2.297	-0.0028	-2.5 to 2.5	Pass
				-30	4.0	2.097	0.0025	-2.5 to 2.5	Pass
				-20	4.0	0.591	0.0007	-2.5 to 2.5	Pass
				-10	4.0	-1.041	-0.0013	-2.5 to 2.5	Pass
				0	4.0	-1.605	-0.0019	-2.5 to 2.5	Pass
				10	4.0	-0.376	-0.0005	-2.5 to 2.5	Pass
				30	4.0	-4.866	-0.0059	-2.5 to 2.5	Pass
				40	4.0	1.986	0.0024	-2.5 to 2.5	Pass
				50	4.0	-0.316	-0.0004	-2.5 to 2.5	Pass
	836.5	50	0	20	3.8	-4.919	-0.0059	-2.5 to 2.5	Pass
					4.0	0.000	0.0000	-2.5 to 2.5	Pass
					4.2	2.172	0.0026	-2.5 to 2.5	Pass
				-30	4.0	-3.333	-0.0040	-2.5 to 2.5	Pass
				-20	4.0	-2.295	-0.0027	-2.5 to 2.5	Pass
				-10	4.0	0.533	0.0006	-2.5 to 2.5	Pass
				0	4.0	-3.759	-0.0045	-2.5 to 2.5	Pass
				10	4.0	-1.866	-0.0022	-2.5 to 2.5	Pass
				30	4.0	1.010	0.0012	-2.5 to 2.5	Pass
				40	4.0	1.149	0.0014	-2.5 to 2.5	Pass
				50	4.0	0.505	0.0006	-2.5 to 2.5	Pass
	844	50	0	20	3.8	-2.440	-0.0029	-2.5 to 2.5	Pass
					4.0	-3.670	-0.0043	-2.5 to 2.5	Pass
					4.2	-2.176	-0.0026	-2.5 to 2.5	Pass
				-30	4.0	-1.088	-0.0013	-2.5 to 2.5	Pass
				-20	4.0	-1.390	-0.0016	-2.5 to 2.5	Pass
				-10	4.0	-4.263	-0.0051	-2.5 to 2.5	Pass
				0	4.0	1.174	0.0014	-2.5 to 2.5	Pass
				10	4.0	-1.617	-0.0019	-2.5 to 2.5	Pass
				30	4.0	-4.776	-0.0057	-2.5 to 2.5	Pass
				40	4.0	2.189	0.0026	-2.5 to 2.5	Pass
				50	4.0	0.239	0.0003	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.8	-1.135	-0.0014	-2.5 to 2.5	Pass
					4.0	-2.358	-0.0028	-2.5 to 2.5	Pass
					4.2	1.764	0.0021	-2.5 to 2.5	Pass
				-30	4.0	1.576	0.0019	-2.5 to 2.5	Pass
				-20	4.0	0.945	0.0011	-2.5 to 2.5	Pass
				-10	4.0	0.993	0.0012	-2.5 to 2.5	Pass
				0	4.0	-2.568	-0.0031	-2.5 to 2.5	Pass
				10	4.0	-2.825	-0.0034	-2.5 to 2.5	Pass
				30	4.0	-2.865	-0.0035	-2.5 to 2.5	Pass
				40	4.0	0.867	0.0010	-2.5 to 2.5	Pass
				50	4.0	2.721	0.0033	-2.5 to 2.5	Pass
	836.5	50	0	20	3.8	0.636	0.0008	-2.5 to 2.5	Pass
					4.0	1.874	0.0022	-2.5 to 2.5	Pass



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					4.2	4.114	0.0049	-2.5 to 2.5	Pass
				-30	4.0	0.092	0.0001	-2.5 to 2.5	Pass
				-20	4.0	-2.339	-0.0028	-2.5 to 2.5	Pass
				-10	4.0	-2.626	-0.0031	-2.5 to 2.5	Pass
				0	4.0	-1.975	-0.0024	-2.5 to 2.5	Pass
				10	4.0	0.226	0.0003	-2.5 to 2.5	Pass
				30	4.0	-0.066	-0.0001	-2.5 to 2.5	Pass
				40	4.0	-2.974	-0.0036	-2.5 to 2.5	Pass
				50	4.0	-1.725	-0.0021	-2.5 to 2.5	Pass
	844	50	0	20	3.8	-2.129	-0.0025	-2.5 to 2.5	Pass
					4.0	-3.518	-0.0042	-2.5 to 2.5	Pass
					4.2	-1.980	-0.0023	-2.5 to 2.5	Pass
				-30	4.0	-0.112	-0.0001	-2.5 to 2.5	Pass
				-20	4.0	-1.232	-0.0015	-2.5 to 2.5	Pass
				-10	4.0	-1.615	-0.0019	-2.5 to 2.5	Pass
				0	4.0	0.382	0.0005	-2.5 to 2.5	Pass
				10	4.0	-2.942	-0.0035	-2.5 to 2.5	Pass
				30	4.0	2.412	0.0029	-2.5 to 2.5	Pass
				40	4.0	-3.403	-0.0040	-2.5 to 2.5	Pass
				50	4.0	-2.848	-0.0034	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.8	-3.352	-0.0040	-2.5 to 2.5	Pass
					4.0	-2.209	-0.0027	-2.5 to 2.5	Pass
					4.2	1.628	0.0020	-2.5 to 2.5	Pass
				-30	4.0	1.450	0.0017	-2.5 to 2.5	Pass
				-20	4.0	-3.574	-0.0043	-2.5 to 2.5	Pass
				-10	4.0	-3.770	-0.0045	-2.5 to 2.5	Pass
				0	4.0	2.387	0.0029	-2.5 to 2.5	Pass
				10	4.0	2.368	0.0029	-2.5 to 2.5	Pass
				30	4.0	-3.747	-0.0045	-2.5 to 2.5	Pass
				40	4.0	-1.467	-0.0018	-2.5 to 2.5	Pass
				50	4.0	-1.270	-0.0015	-2.5 to 2.5	Pass
	836.5	50	0	20	3.8	1.391	0.0017	-2.5 to 2.5	Pass
					4.0	2.516	0.0030	-2.5 to 2.5	Pass
					4.2	-4.430	-0.0053	-2.5 to 2.5	Pass
				-30	4.0	-1.250	-0.0015	-2.5 to 2.5	Pass
				-20	4.0	1.957	0.0023	-2.5 to 2.5	Pass
				-10	4.0	2.284	0.0027	-2.5 to 2.5	Pass
				0	4.0	-4.021	-0.0048	-2.5 to 2.5	Pass
				10	4.0	2.748	0.0033	-2.5 to 2.5	Pass
				30	4.0	-1.686	-0.0020	-2.5 to 2.5	Pass
				40	4.0	2.860	0.0034	-2.5 to 2.5	Pass
				50	4.0	-3.851	-0.0046	-2.5 to 2.5	Pass
	844	50	0	20	3.8	-1.534	-0.0018	-2.5 to 2.5	Pass
					4.0	0.607	0.0007	-2.5 to 2.5	Pass
					4.2	2.706	0.0032	-2.5 to 2.5	Pass
				-30	4.0	-2.305	-0.0027	-2.5 to 2.5	Pass
				-20	4.0	2.183	0.0026	-2.5 to 2.5	Pass
				-10	4.0	3.623	0.0043	-2.5 to 2.5	Pass
				0	4.0	0.679	0.0008	-2.5 to 2.5	Pass
				10	4.0	-4.443	-0.0053	-2.5 to 2.5	Pass
				30	4.0	-1.239	-0.0015	-2.5 to 2.5	Pass
				40	4.0	4.111	0.0049	-2.5 to 2.5	Pass
				50	4.0	-3.520	-0.0042	-2.5 to 2.5	Pass



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1.5 B26c_15MHz

1.5.1 Test Result

Band: 26c / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	821.5	75	0	20	3.8	0.167	0.0002	-2.5 to 2.5	Pass
					4.0	3.826	0.0047	-2.5 to 2.5	Pass
					4.2	2.785	0.0034	-2.5 to 2.5	Pass
				-30	4.0	-0.446	-0.0005	-2.5 to 2.5	Pass
				-20	4.0	-2.600	-0.0032	-2.5 to 2.5	Pass
				-10	4.0	3.943	0.0048	-2.5 to 2.5	Pass
				0	4.0	5.112	0.0062	-2.5 to 2.5	Pass
				10	4.0	2.002	0.0024	-2.5 to 2.5	Pass
				30	4.0	0.008	0.0000	-2.5 to 2.5	Pass
				40	4.0	-0.434	-0.0005	-2.5 to 2.5	Pass
				50	4.0	-2.191	-0.0027	-2.5 to 2.5	Pass
	831.5	75	0	20	3.8	4.187	0.0050	-2.5 to 2.5	Pass
					4.0	-2.518	-0.0030	-2.5 to 2.5	Pass
					4.2	-2.464	-0.0030	-2.5 to 2.5	Pass
				-30	4.0	0.422	0.0005	-2.5 to 2.5	Pass
				-20	4.0	0.733	0.0009	-2.5 to 2.5	Pass
				-10	4.0	-0.759	-0.0009	-2.5 to 2.5	Pass
				0	4.0	-0.675	-0.0008	-2.5 to 2.5	Pass
				10	4.0	-3.148	-0.0038	-2.5 to 2.5	Pass
				30	4.0	-2.279	-0.0027	-2.5 to 2.5	Pass
				40	4.0	0.882	0.0011	-2.5 to 2.5	Pass
				50	4.0	1.939	0.0023	-2.5 to 2.5	Pass
	841.5	75	0	20	3.8	1.516	0.0018	-2.5 to 2.5	Pass
					4.0	-3.492	-0.0041	-2.5 to 2.5	Pass
					4.2	0.499	0.0006	-2.5 to 2.5	Pass
				-30	4.0	0.413	0.0005	-2.5 to 2.5	Pass
				-20	4.0	3.962	0.0047	-2.5 to 2.5	Pass
				-10	4.0	-3.413	-0.0041	-2.5 to 2.5	Pass
				0	4.0	2.924	0.0035	-2.5 to 2.5	Pass
				10	4.0	1.816	0.0022	-2.5 to 2.5	Pass
				30	4.0	-1.097	-0.0013	-2.5 to 2.5	Pass
				40	4.0	3.408	0.0040	-2.5 to 2.5	Pass
				50	4.0	4.225	0.0050	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.8	2.178	0.0027	-2.5 to 2.5	Pass
					4.0	1.543	0.0019	-2.5 to 2.5	Pass
					4.2	4.576	0.0056	-2.5 to 2.5	Pass
				-30	4.0	2.532	0.0031	-2.5 to 2.5	Pass
				-20	4.0	2.078	0.0025	-2.5 to 2.5	Pass
				-10	4.0	-0.365	-0.0004	-2.5 to 2.5	Pass
				0	4.0	0.298	0.0004	-2.5 to 2.5	Pass
				10	4.0	3.615	0.0044	-2.5 to 2.5	Pass
				30	4.0	2.832	0.0034	-2.5 to 2.5	Pass
				40	4.0	-3.821	-0.0047	-2.5 to 2.5	Pass
				50	4.0	2.852	0.0035	-2.5 to 2.5	Pass
	831.5	75	0	20	3.8	-1.645	-0.0020	-2.5 to 2.5	Pass
					4.0	-2.560	-0.0031	-2.5 to 2.5	Pass



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					4.2	-3.022	-0.0036	-2.5 to 2.5	Pass
				-30	4.0	-0.248	-0.0003	-2.5 to 2.5	Pass
				-20	4.0	-1.484	-0.0018	-2.5 to 2.5	Pass
				-10	4.0	-2.384	-0.0029	-2.5 to 2.5	Pass
				0	4.0	-3.052	-0.0037	-2.5 to 2.5	Pass
				10	4.0	-1.069	-0.0013	-2.5 to 2.5	Pass
				30	4.0	4.850	0.0058	-2.5 to 2.5	Pass
				40	4.0	-2.544	-0.0031	-2.5 to 2.5	Pass
				50	4.0	-2.168	-0.0026	-2.5 to 2.5	Pass
	841.5	75	0	20	3.8	3.585	0.0043	-2.5 to 2.5	Pass
					4.0	1.532	0.0018	-2.5 to 2.5	Pass
					4.2	4.167	0.0050	-2.5 to 2.5	Pass
				-30	4.0	2.316	0.0028	-2.5 to 2.5	Pass
				-20	4.0	-2.073	-0.0025	-2.5 to 2.5	Pass
				-10	4.0	-2.475	-0.0029	-2.5 to 2.5	Pass
				0	4.0	-2.754	-0.0033	-2.5 to 2.5	Pass
				10	4.0	-4.279	-0.0051	-2.5 to 2.5	Pass
				30	4.0	3.133	0.0037	-2.5 to 2.5	Pass
				40	4.0	-0.760	-0.0009	-2.5 to 2.5	Pass
				50	4.0	0.988	0.0012	-2.5 to 2.5	Pass
64QAM	821.5	75	0	20	3.8	2.189	0.0027	-2.5 to 2.5	Pass
					4.0	0.393	0.0005	-2.5 to 2.5	Pass
					4.2	-1.949	-0.0024	-2.5 to 2.5	Pass
				-30	4.0	-1.129	-0.0014	-2.5 to 2.5	Pass
				-20	4.0	-0.657	-0.0008	-2.5 to 2.5	Pass
				-10	4.0	0.212	0.0003	-2.5 to 2.5	Pass
				0	4.0	-2.103	-0.0026	-2.5 to 2.5	Pass
				10	4.0	-3.041	-0.0037	-2.5 to 2.5	Pass
				30	4.0	-2.236	-0.0027	-2.5 to 2.5	Pass
				40	4.0	1.269	0.0015	-2.5 to 2.5	Pass
				50	4.0	3.588	0.0044	-2.5 to 2.5	Pass
	831.5	75	0	20	3.8	-1.144	-0.0014	-2.5 to 2.5	Pass
					4.0	-2.487	-0.0030	-2.5 to 2.5	Pass
					4.2	-0.219	-0.0003	-2.5 to 2.5	Pass
				-30	4.0	2.254	0.0027	-2.5 to 2.5	Pass
				-20	4.0	-2.785	-0.0033	-2.5 to 2.5	Pass
				-10	4.0	2.769	0.0033	-2.5 to 2.5	Pass
				0	4.0	-3.505	-0.0042	-2.5 to 2.5	Pass
				10	4.0	-0.789	-0.0009	-2.5 to 2.5	Pass
				30	4.0	-0.176	-0.0002	-2.5 to 2.5	Pass
				40	4.0	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	4.0	-0.651	-0.0008	-2.5 to 2.5	Pass
	841.5	75	0	20	3.8	0.311	0.0004	-2.5 to 2.5	Pass
					4.0	0.993	0.0012	-2.5 to 2.5	Pass
					4.2	-3.088	-0.0037	-2.5 to 2.5	Pass
				-30	4.0	1.288	0.0015	-2.5 to 2.5	Pass
				-20	4.0	2.147	0.0026	-2.5 to 2.5	Pass
				-10	4.0	3.238	0.0038	-2.5 to 2.5	Pass
				0	4.0	4.874	0.0058	-2.5 to 2.5	Pass
				10	4.0	-3.865	-0.0046	-2.5 to 2.5	Pass
				30	4.0	-2.334	-0.0028	-2.5 to 2.5	Pass
				40	4.0	-4.473	-0.0053	-2.5 to 2.5	Pass
				50	4.0	-1.487	-0.0018	-2.5 to 2.5	Pass



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2. 99% & 26dB Bandwidth

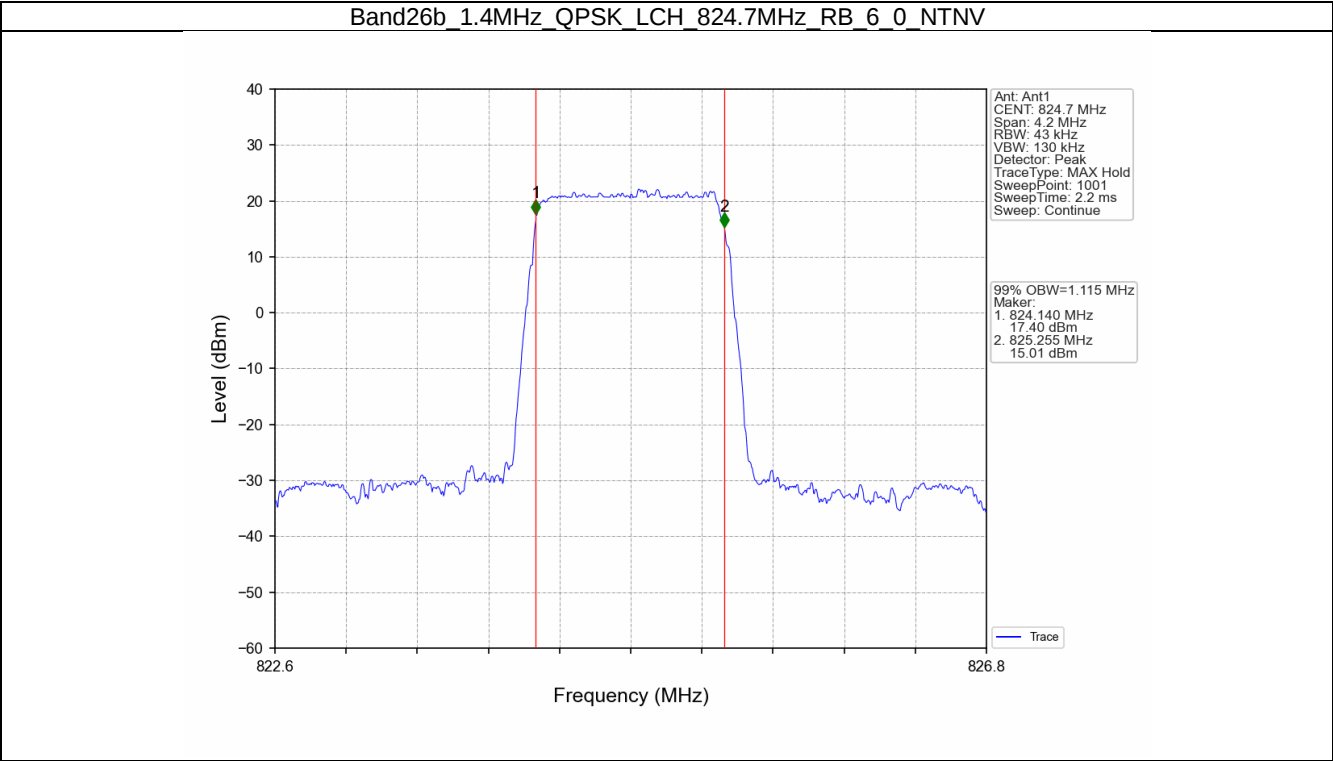
2.1 Band26b_OBW

2.1.1 Test Result

Band: 26b / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.115	/	Pass
		836.5	6	0	1.099	/	Pass
		848.3	6	0	1.111	/	Pass
	16QAM	824.7	6	0	1.109	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.109	/	Pass
	64QAM	824.7	6	0	1.104	/	Pass
		836.5	6	0	1.100	/	Pass
		848.3	6	0	1.103	/	Pass
3	QPSK	825.5	15	0	2.747	/	Pass
		836.5	15	0	2.752	/	Pass
		847.5	15	0	2.745	/	Pass
	16QAM	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.729	/	Pass
		847.5	15	0	2.753	/	Pass
	64QAM	825.5	15	0	2.730	/	Pass
		836.5	15	0	2.728	/	Pass
		847.5	15	0	2.739	/	Pass
5	QPSK	826.5	25	0	4.532	/	Pass
		836.5	25	0	4.536	/	Pass
		846.5	25	0	4.540	/	Pass
	16QAM	826.5	25	0	4.535	/	Pass
		836.5	25	0	4.533	/	Pass
		846.5	25	0	4.534	/	Pass
	64QAM	826.5	25	0	4.540	/	Pass
		836.5	25	0	4.548	/	Pass
		846.5	25	0	4.548	/	Pass
10	QPSK	829	50	0	9.028	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.001	/	Pass
	16QAM	829	50	0	9.036	/	Pass
		836.5	50	0	9.034	/	Pass
		844	50	0	9.000	/	Pass
	64QAM	829	50	0	9.023	/	Pass
		836.5	50	0	9.017	/	Pass
		844	50	0	9.024	/	Pass



2.1.2 Test Graph



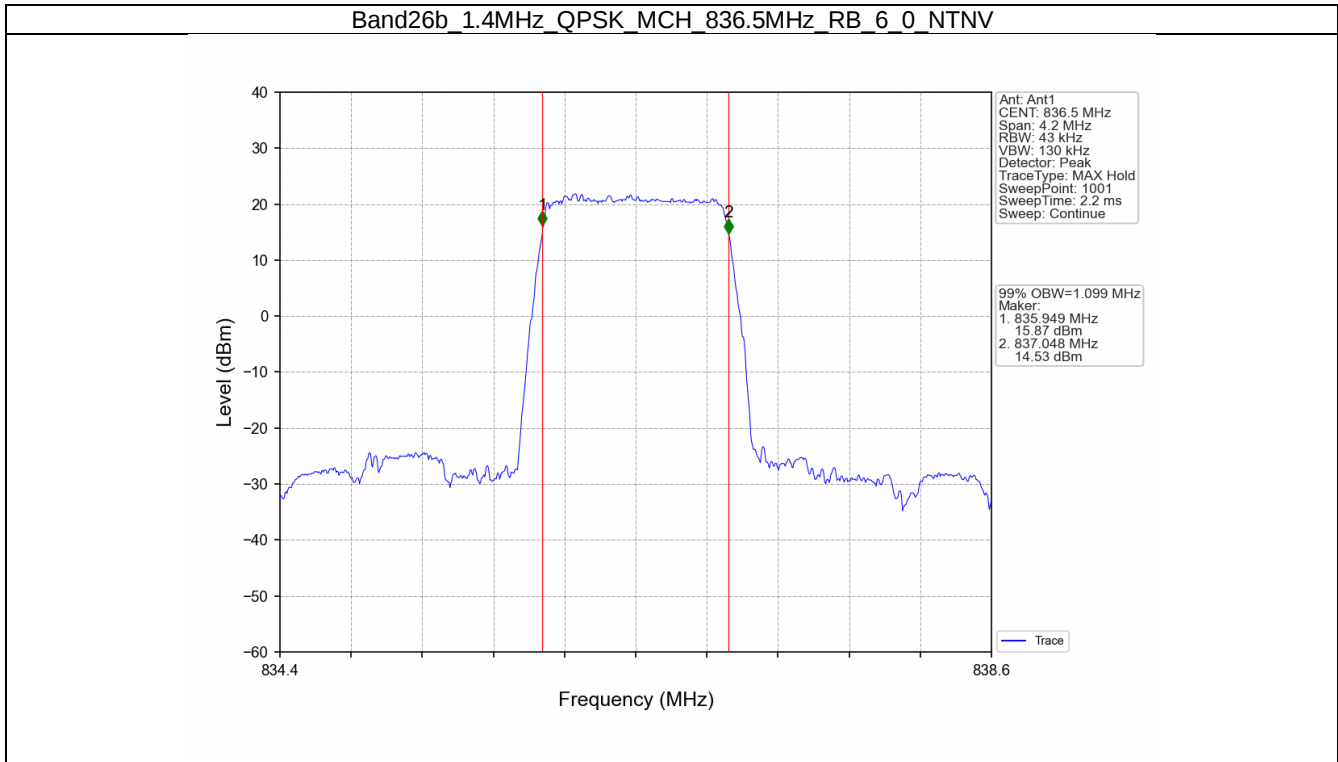


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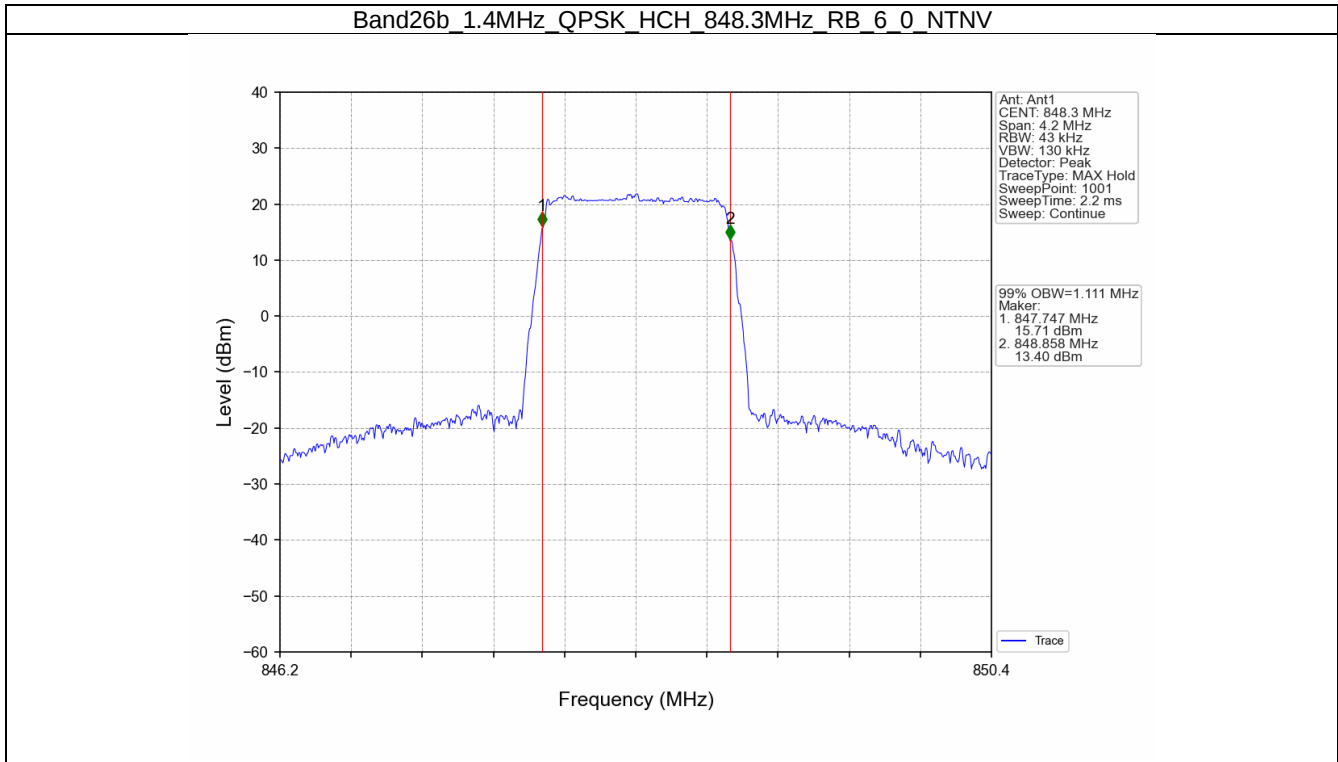


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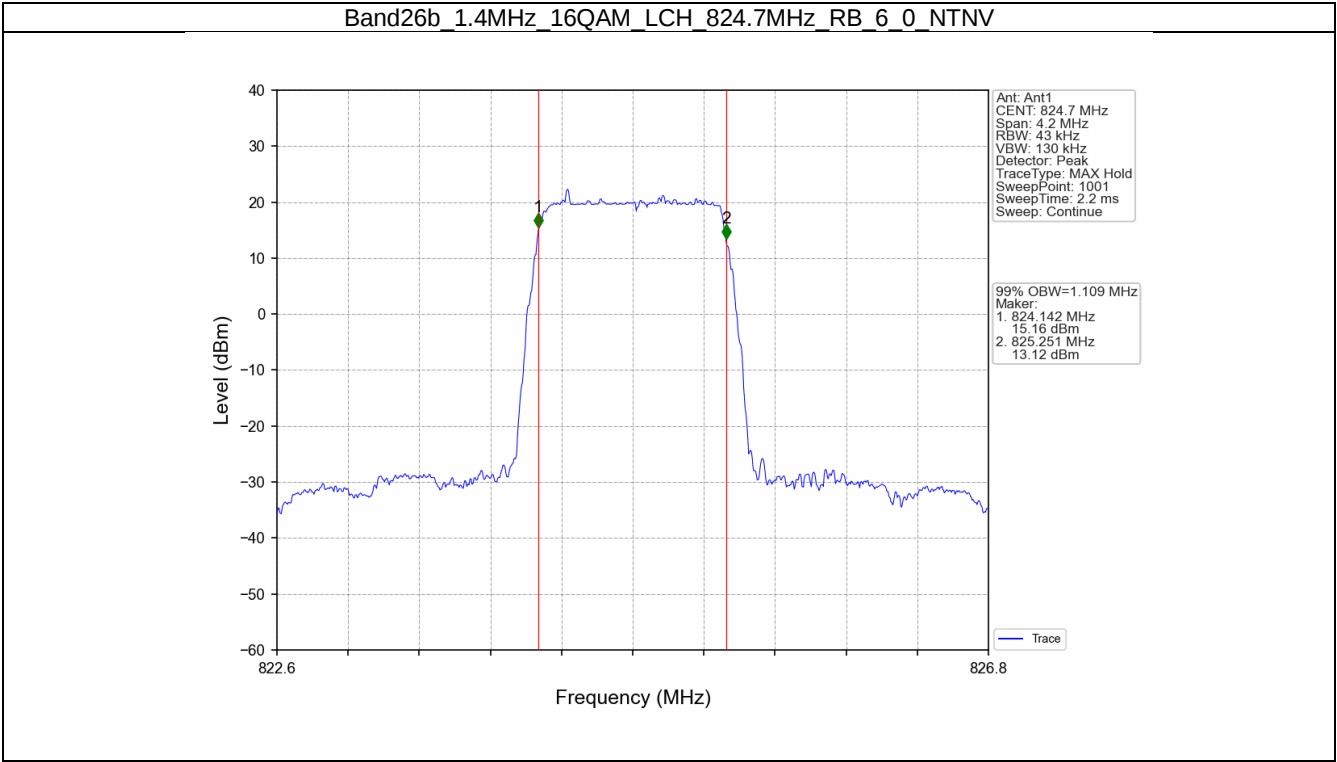


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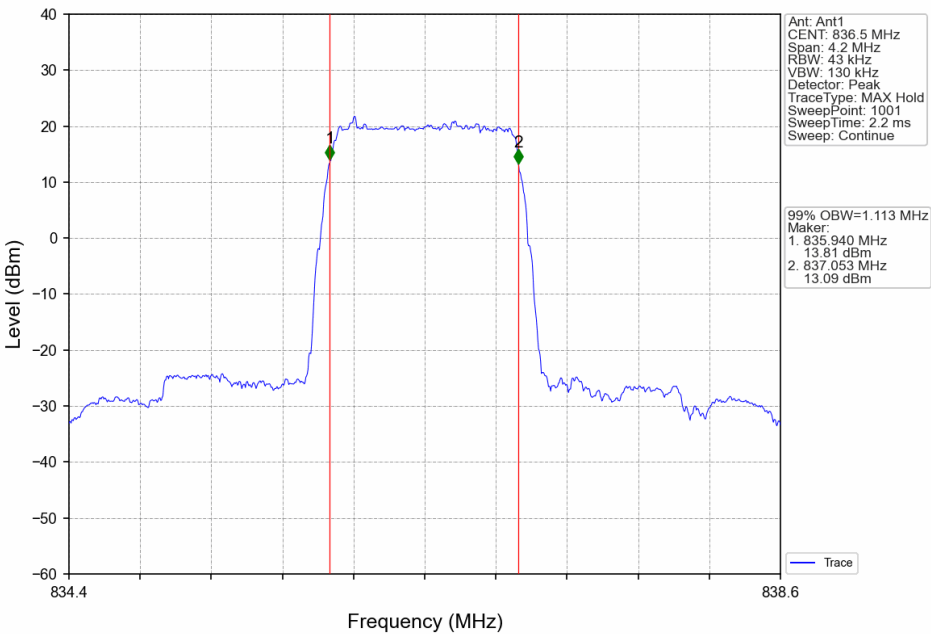
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Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



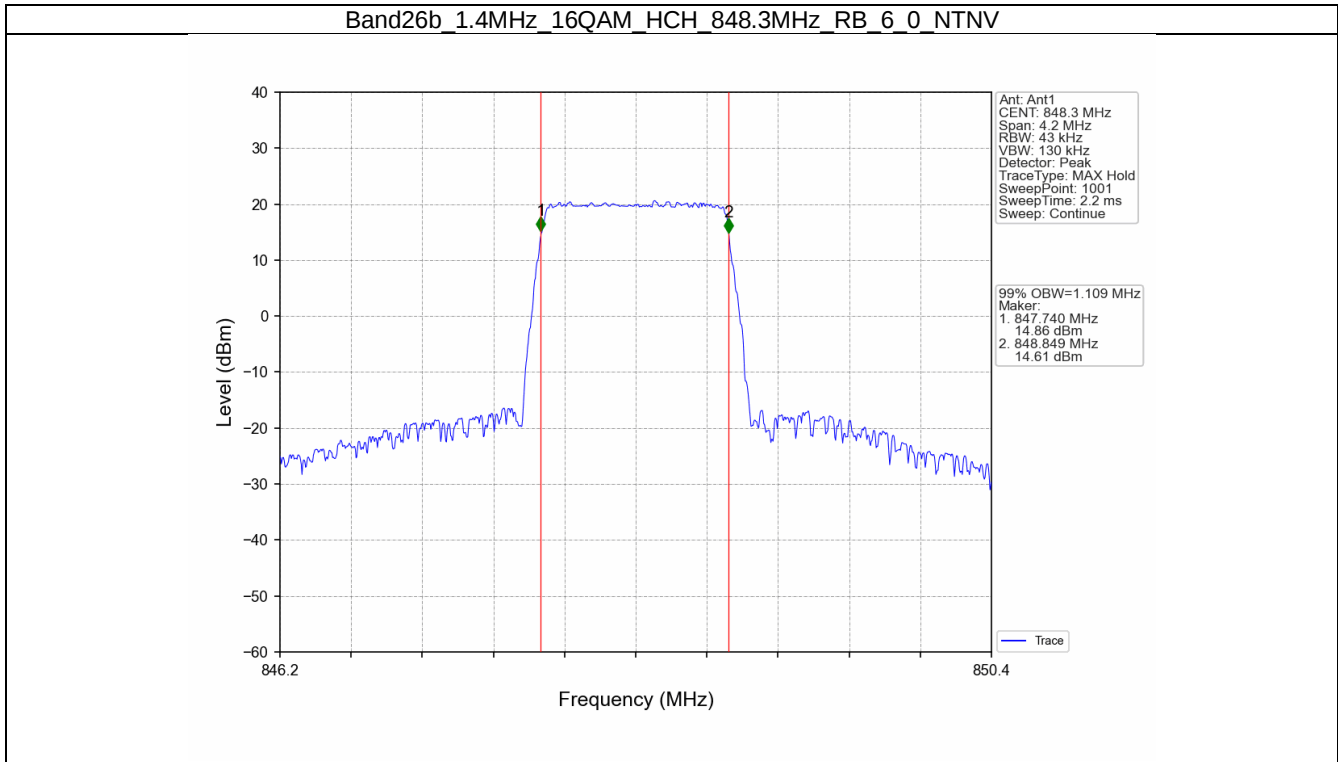


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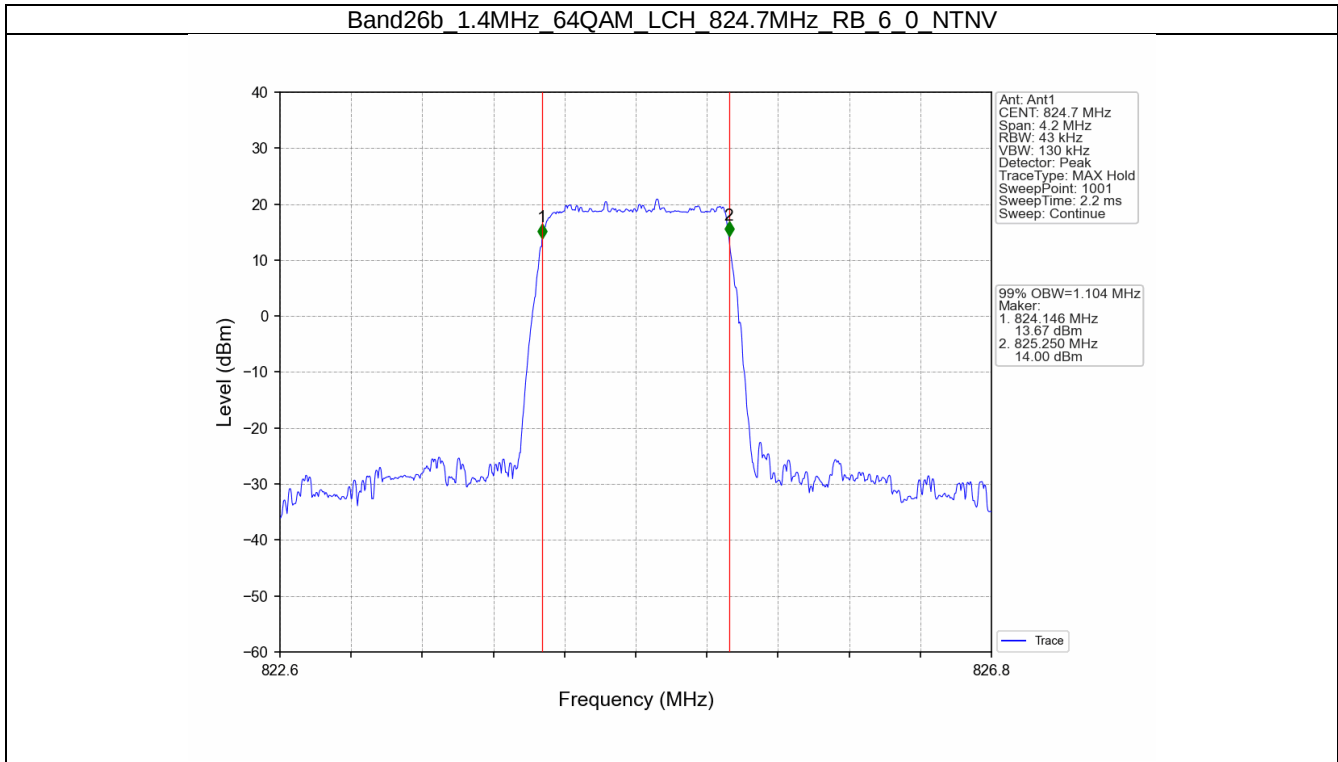


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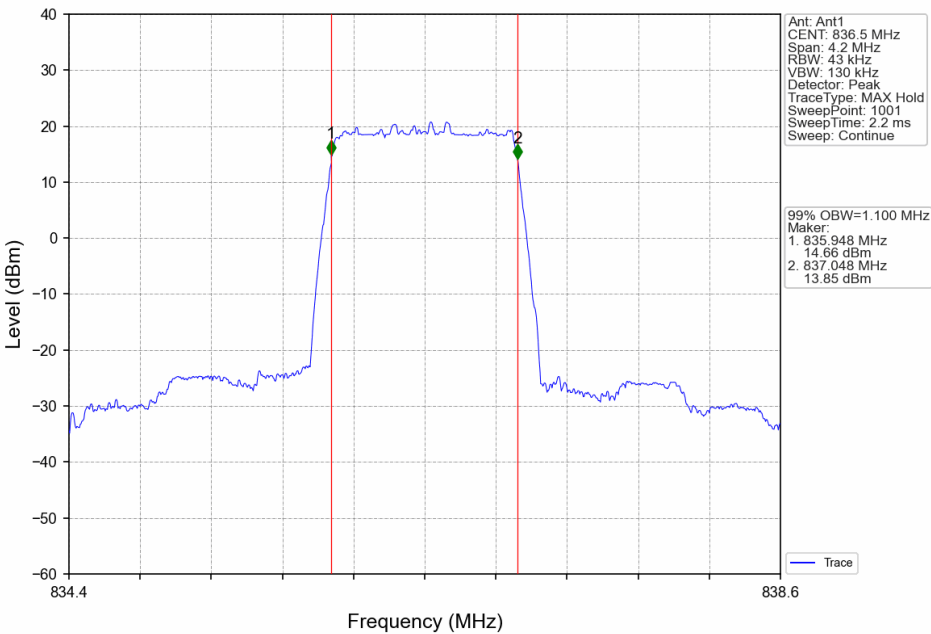
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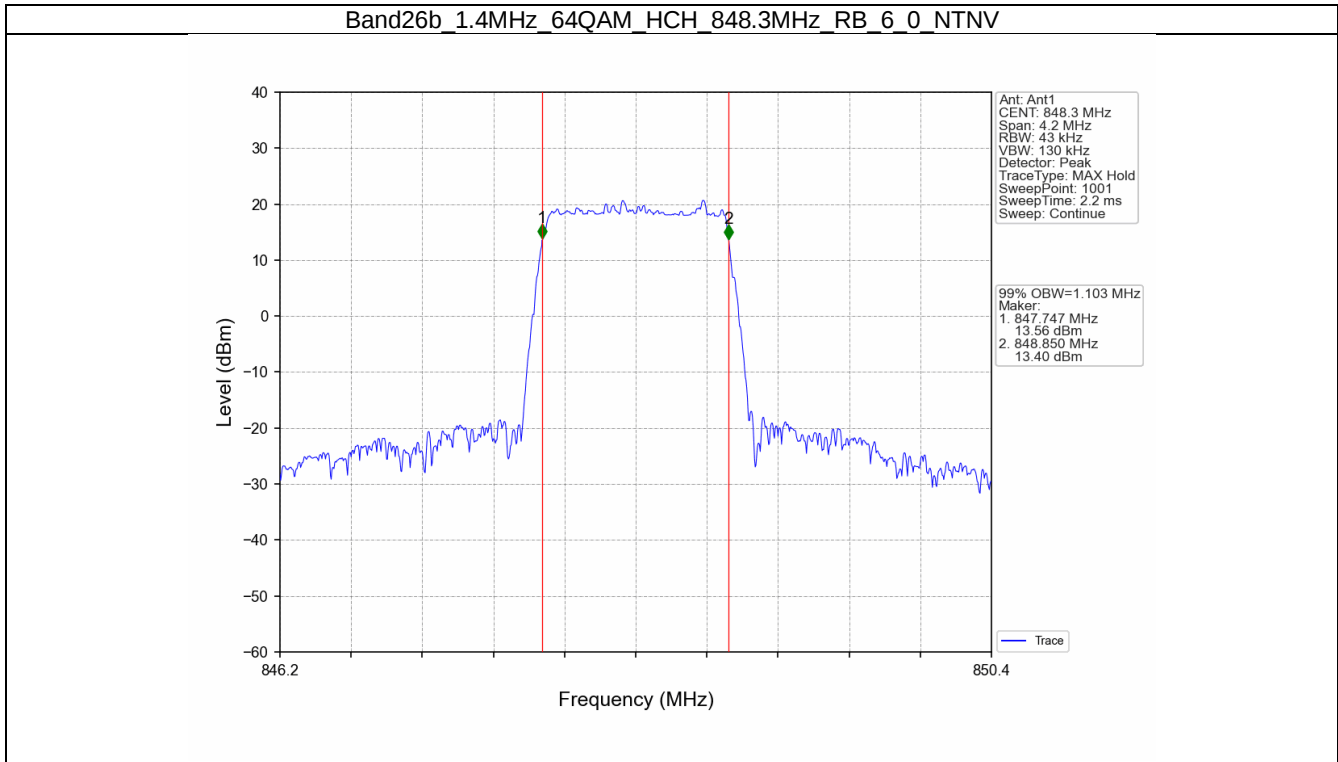


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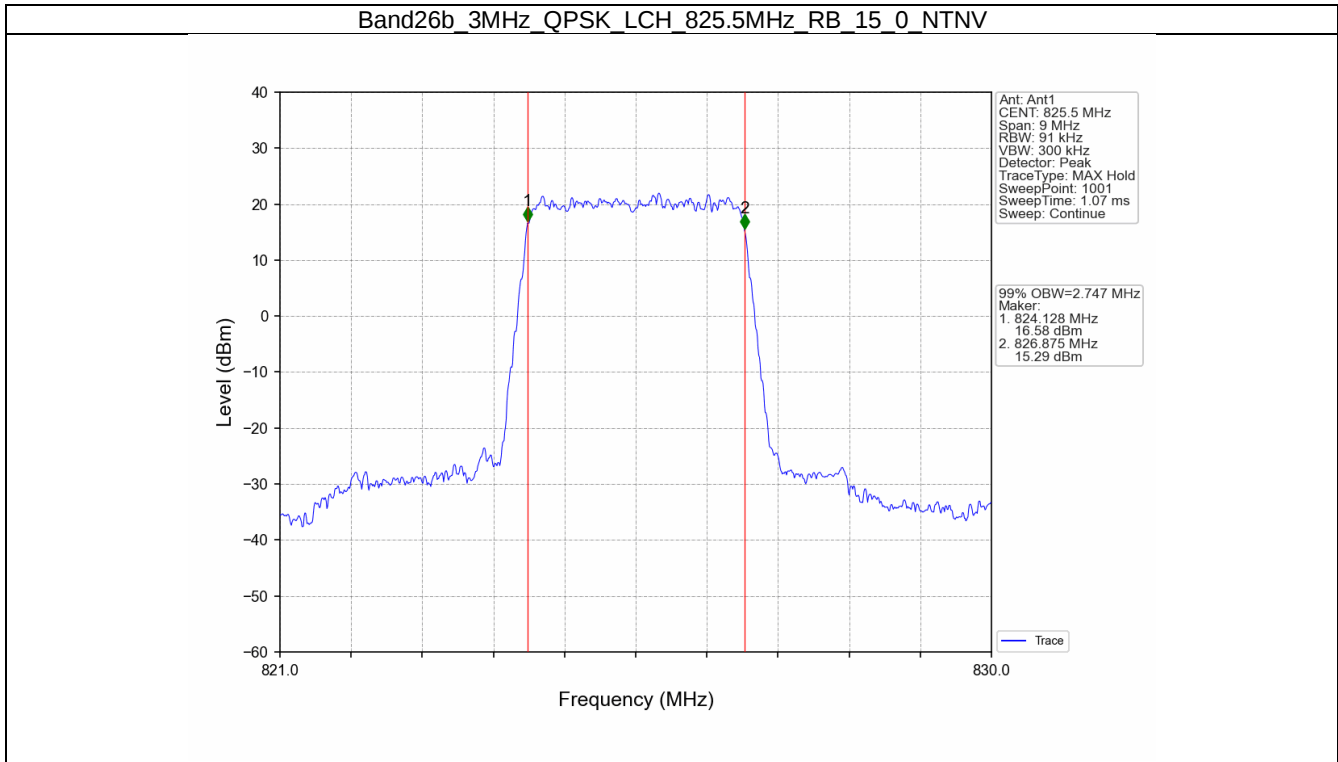


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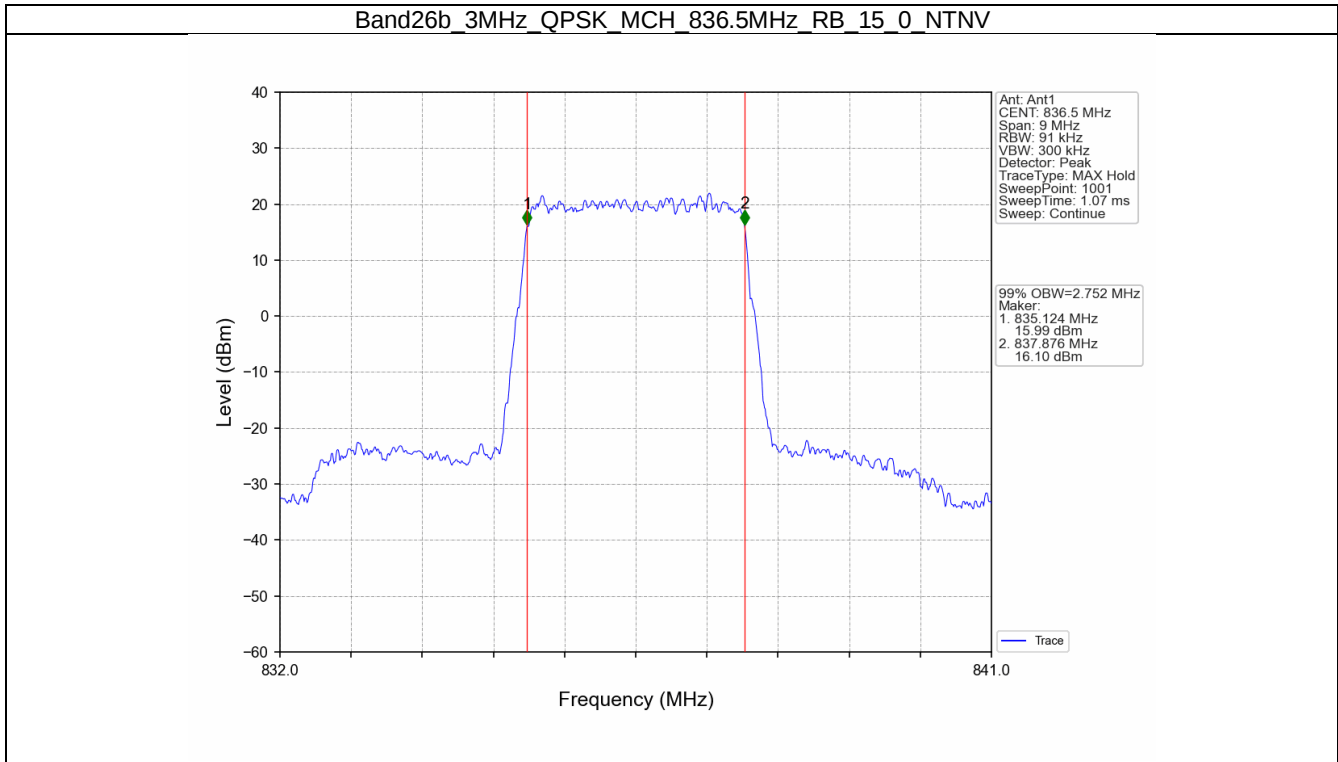


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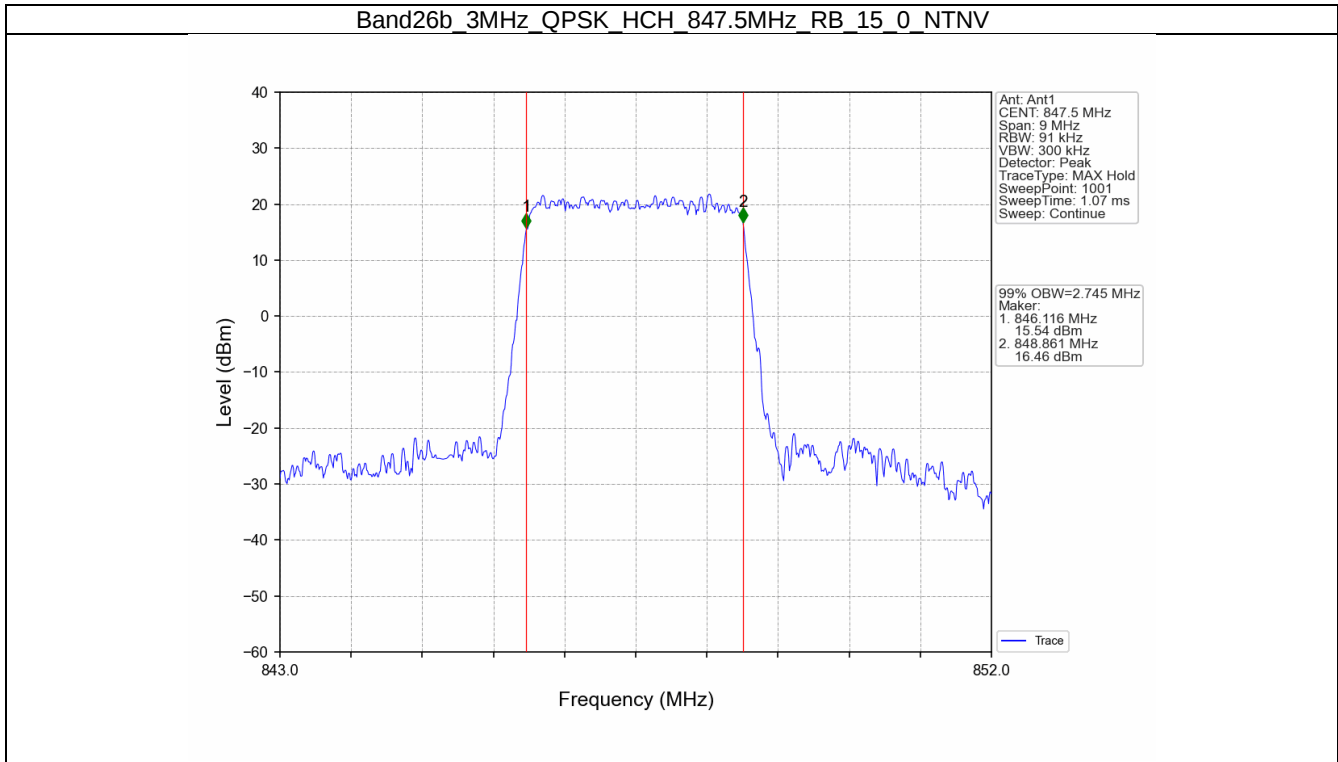


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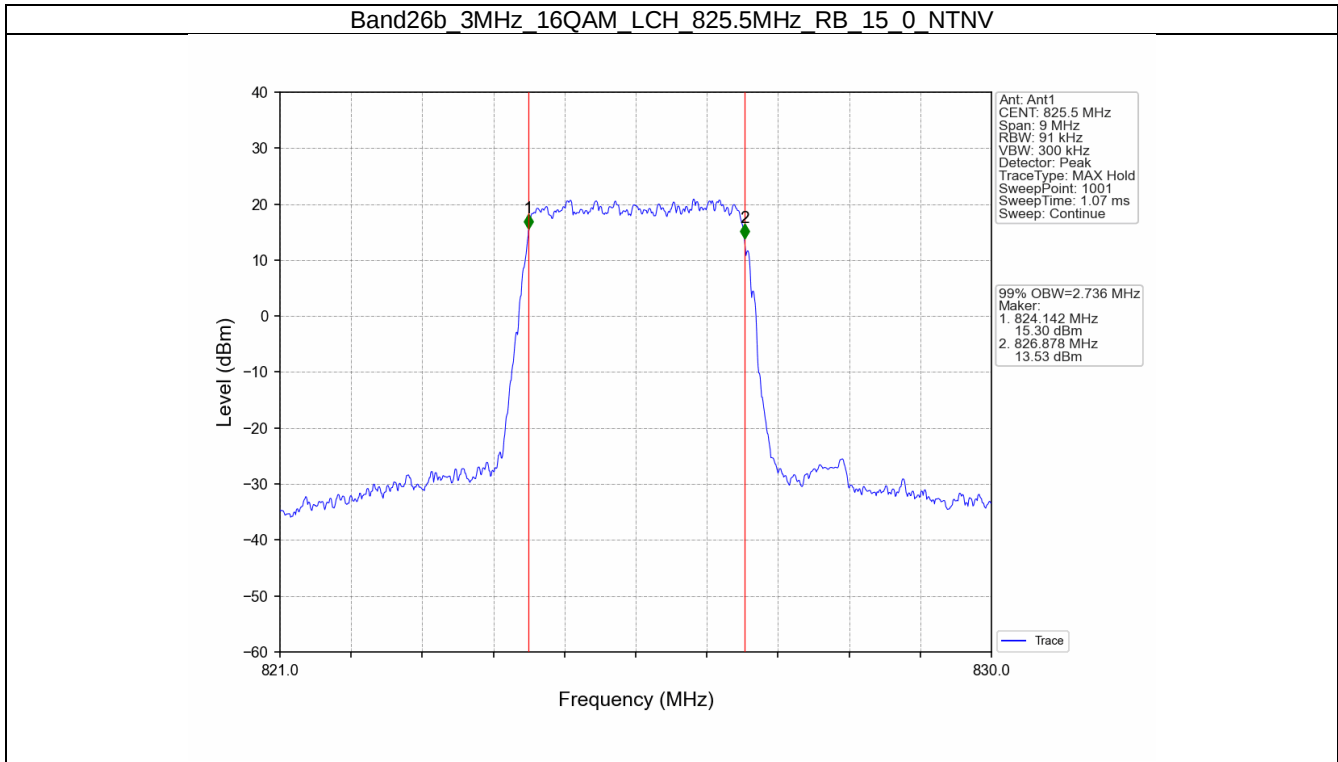


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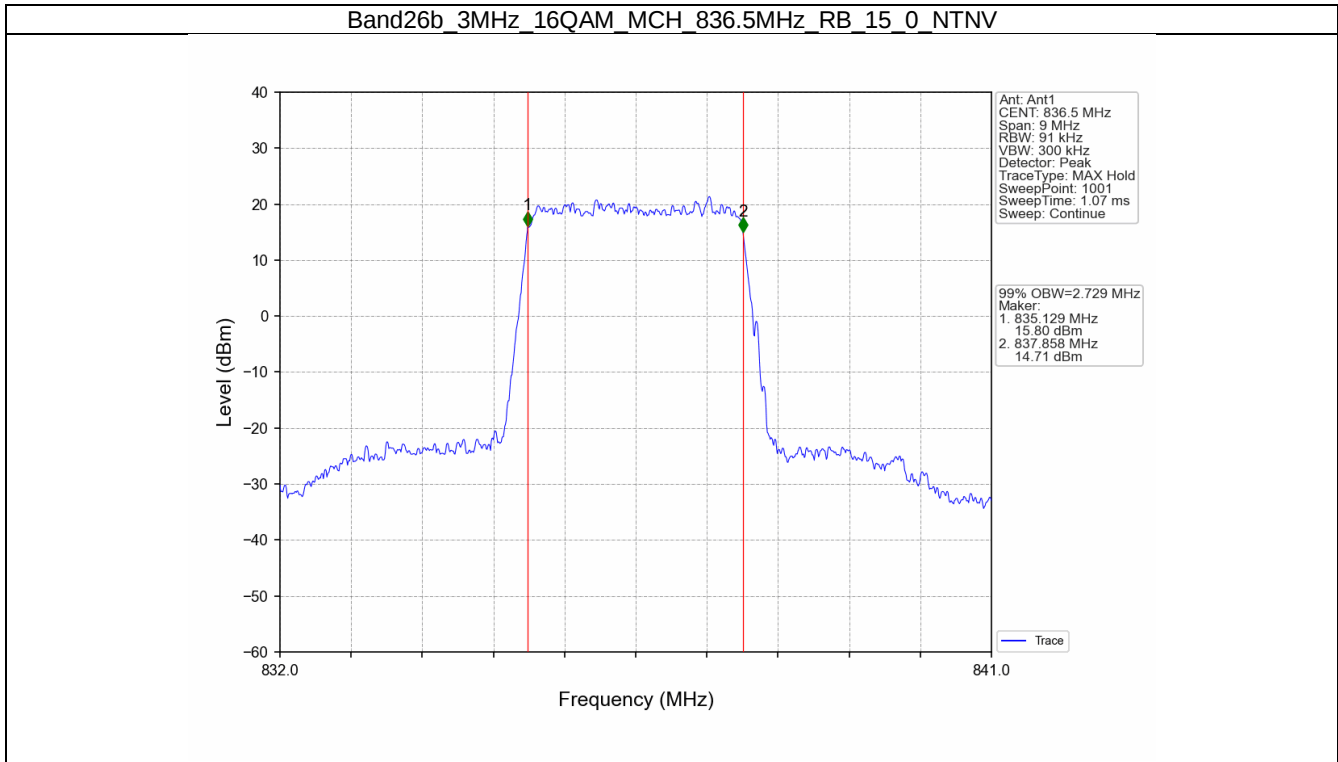


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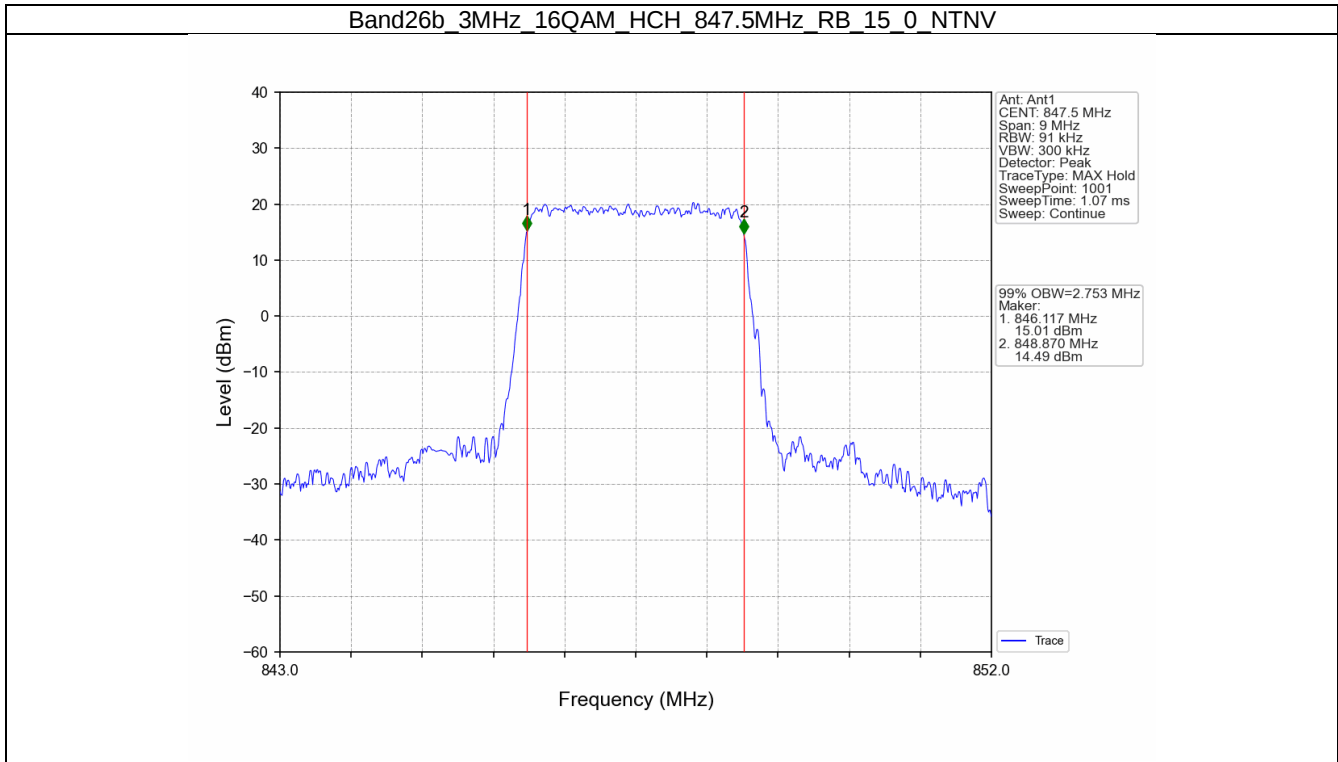


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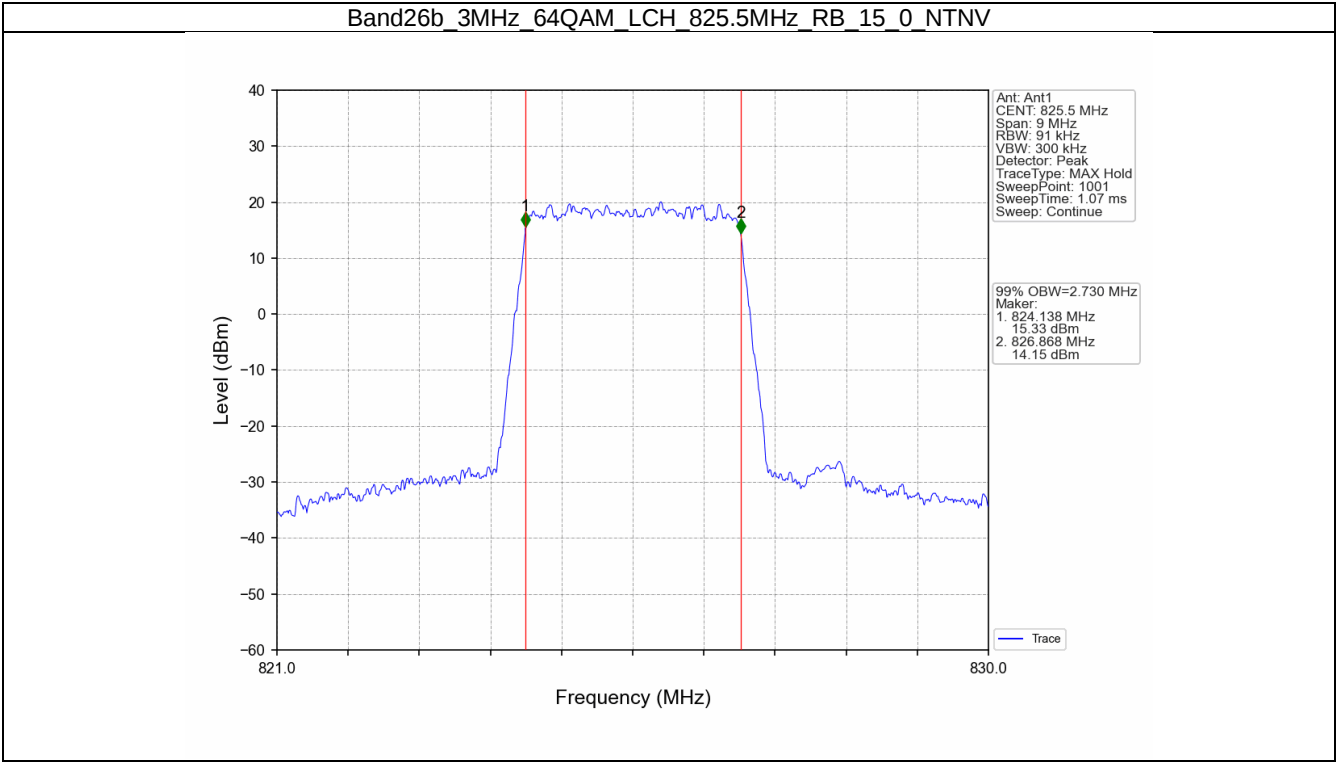


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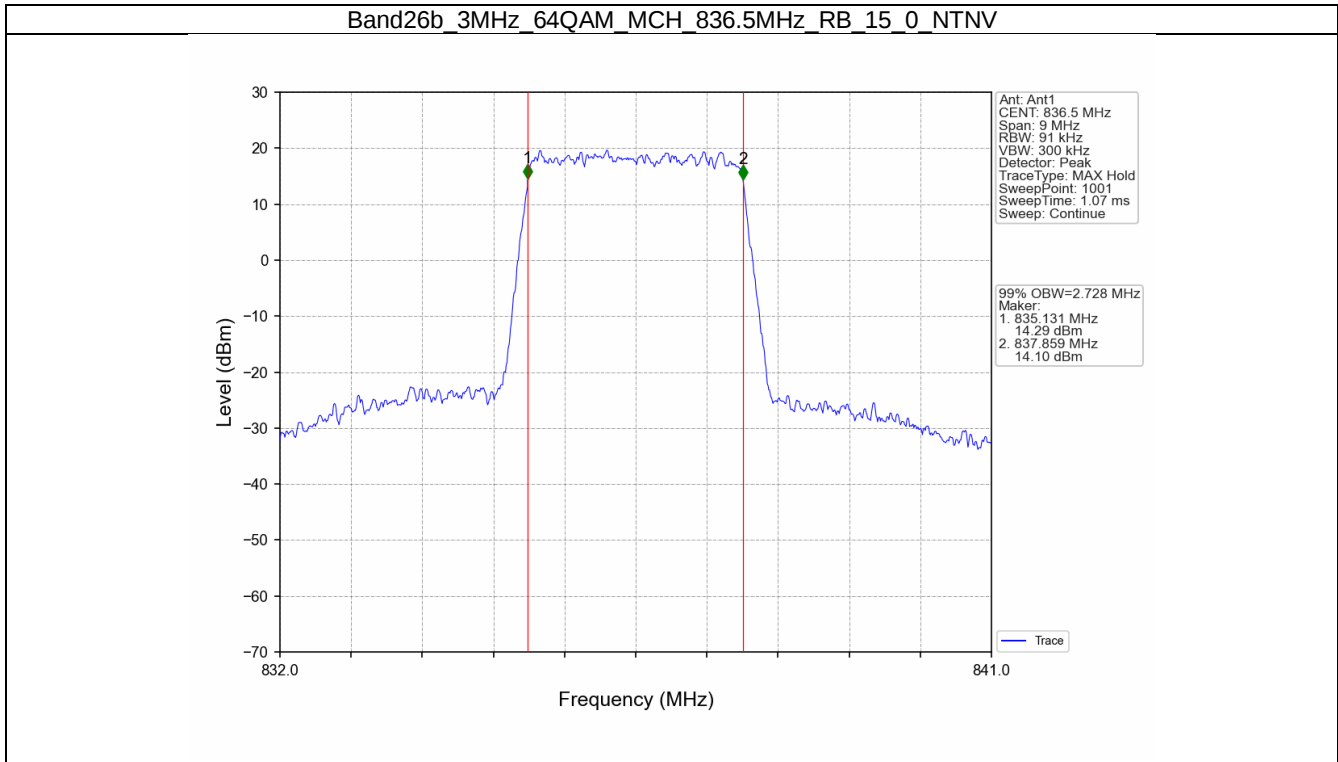


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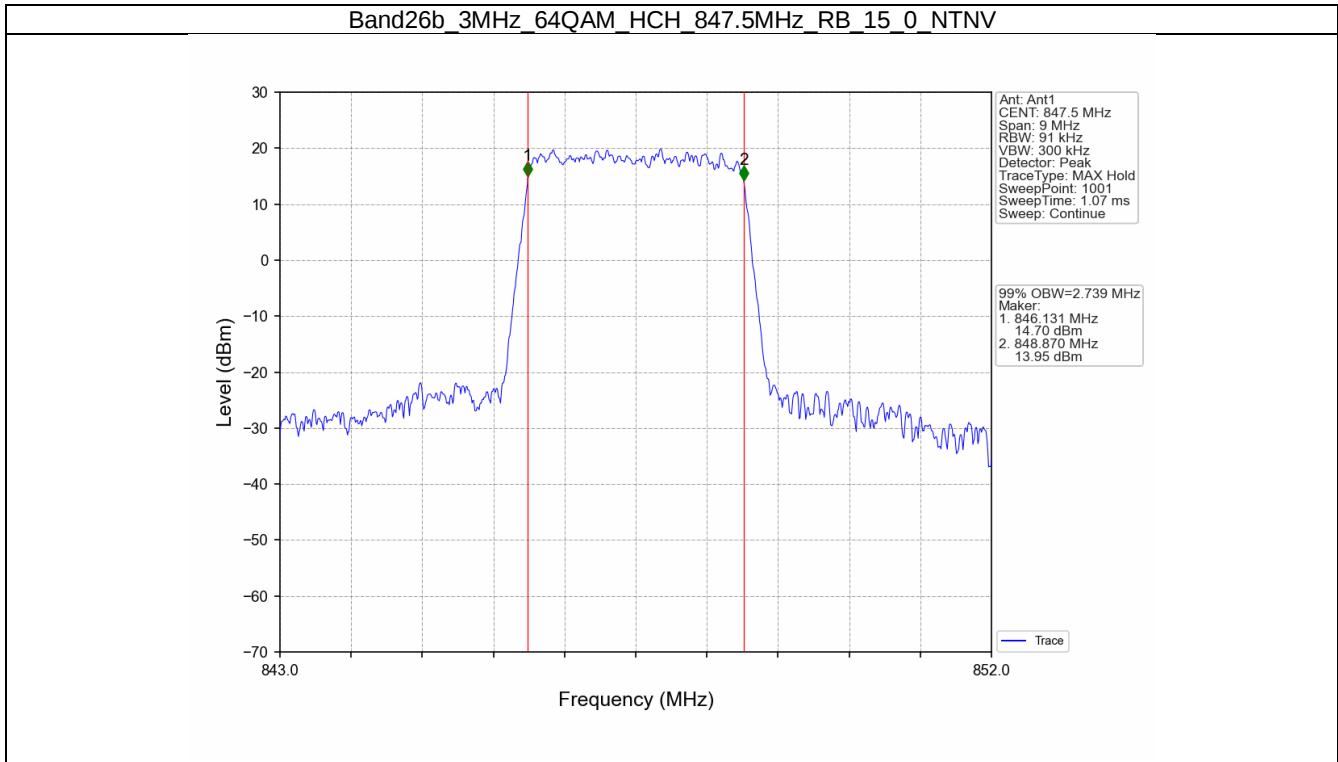


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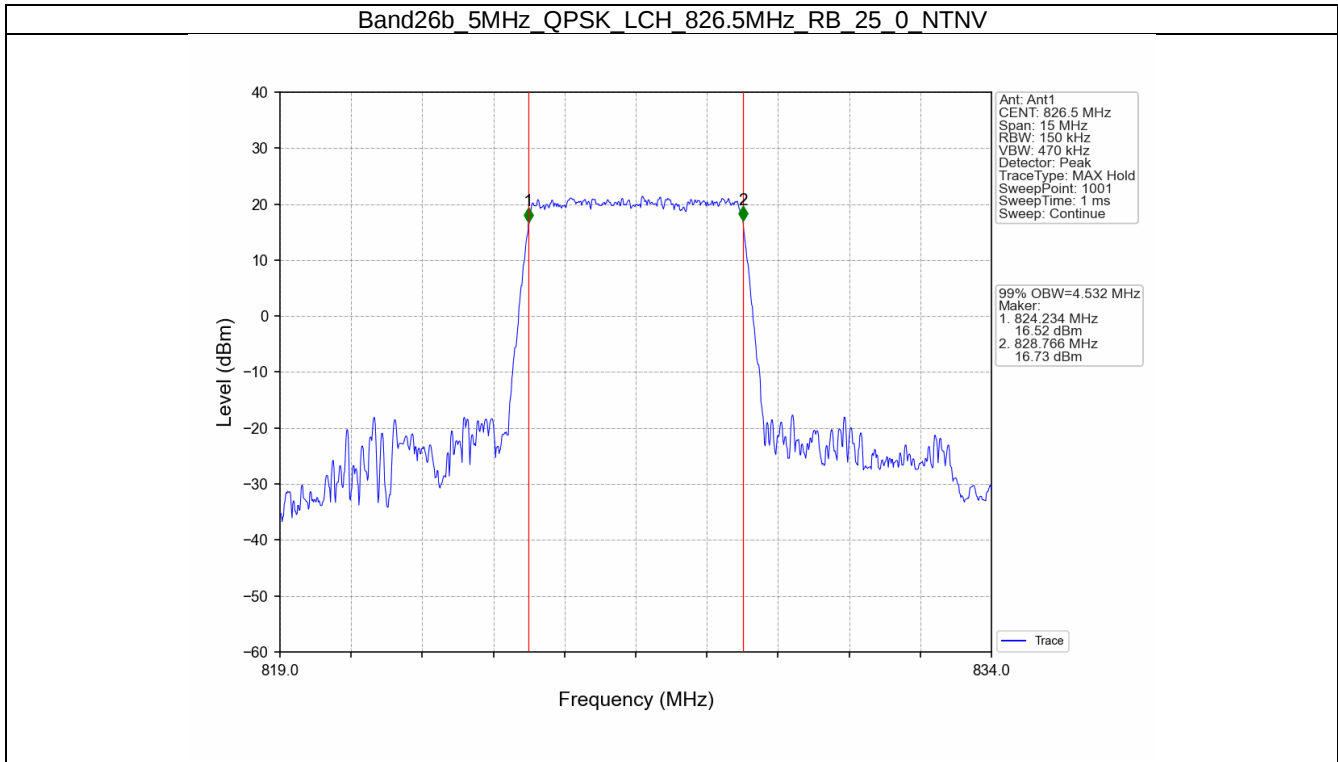


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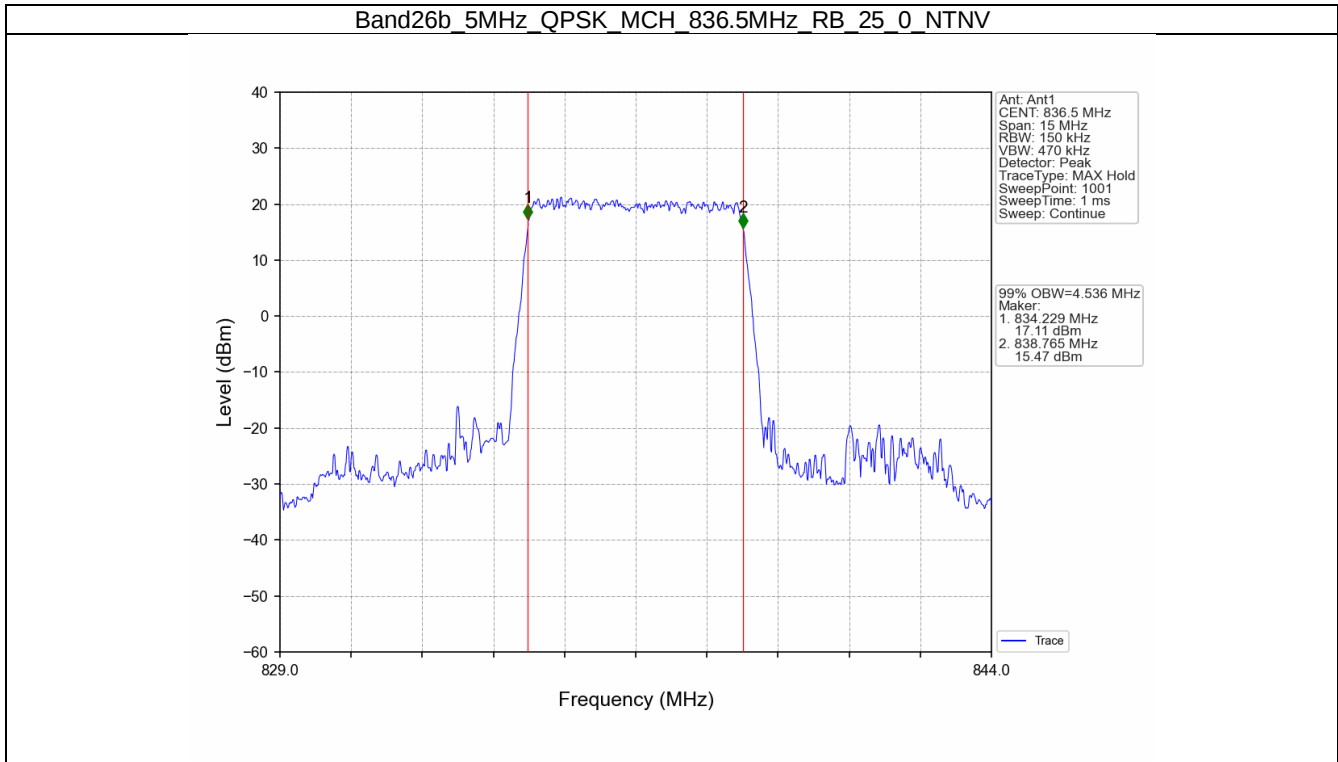


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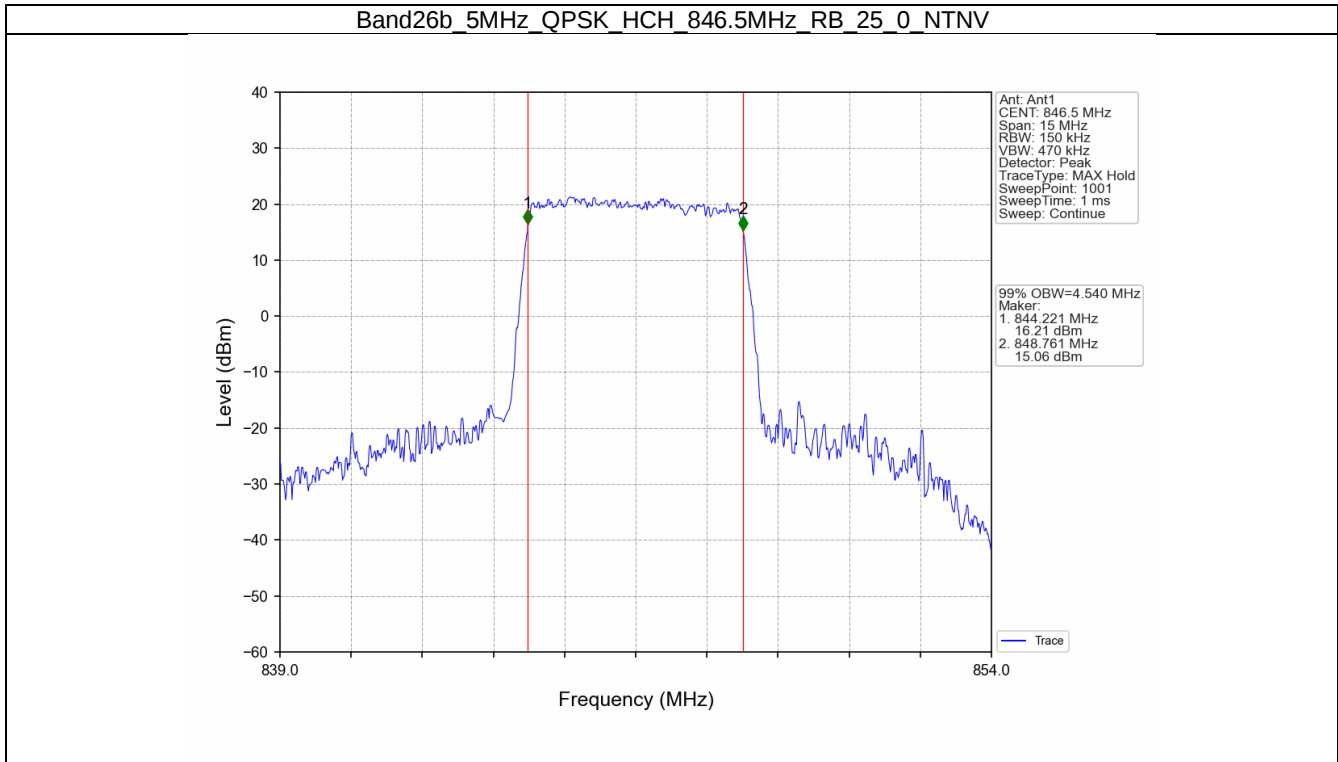


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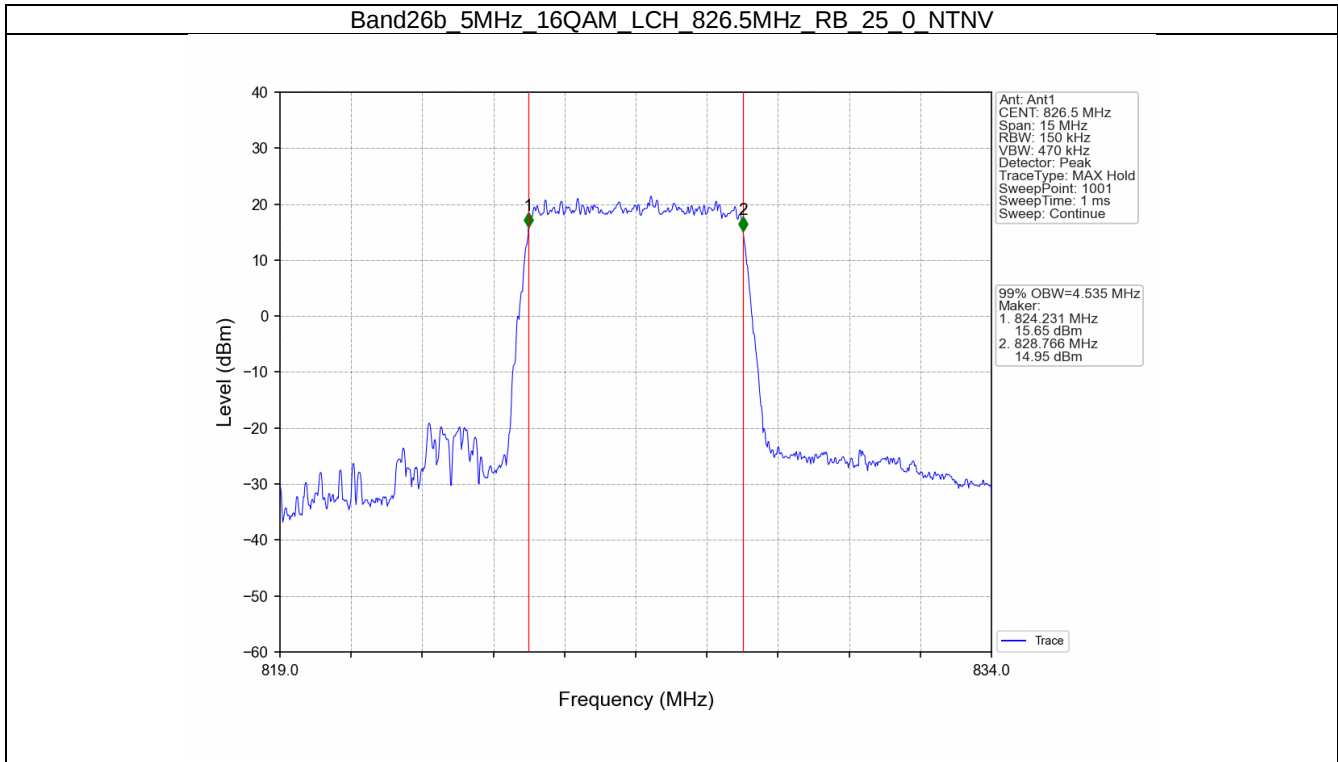


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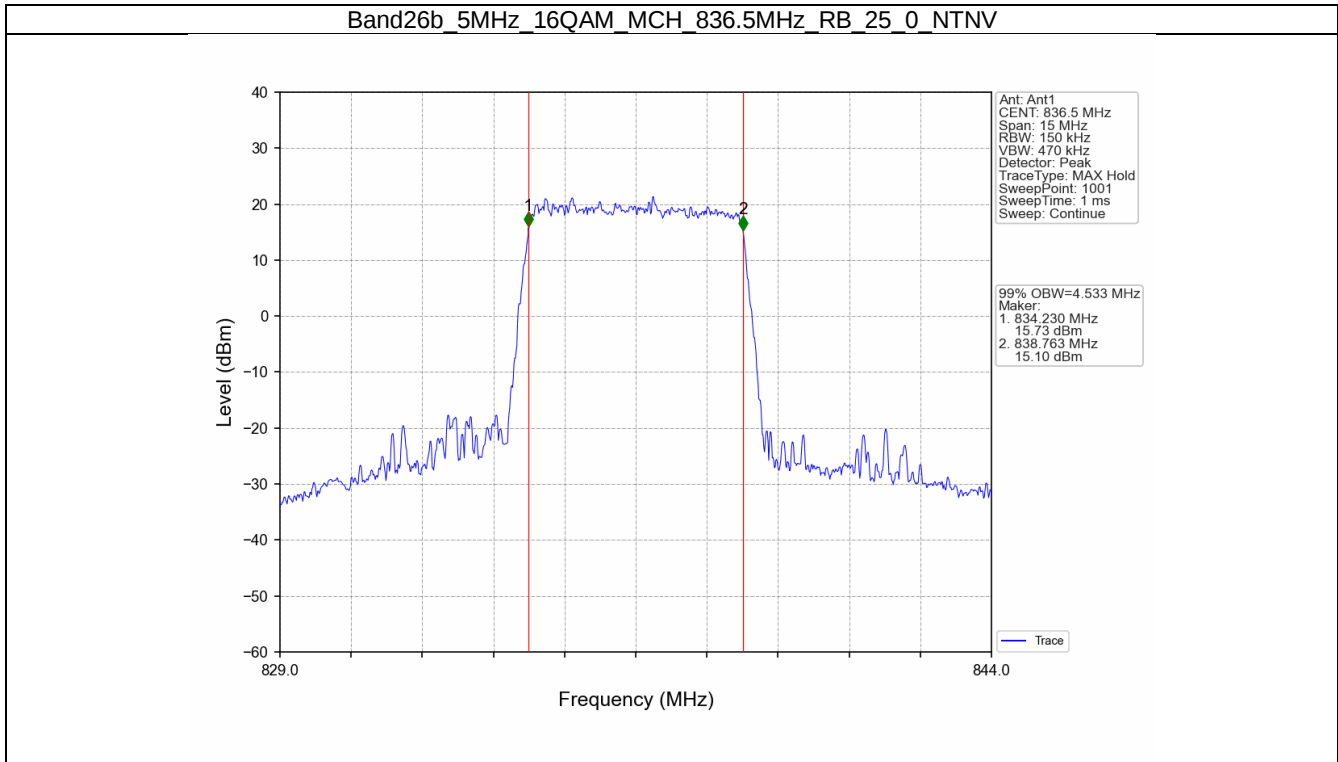


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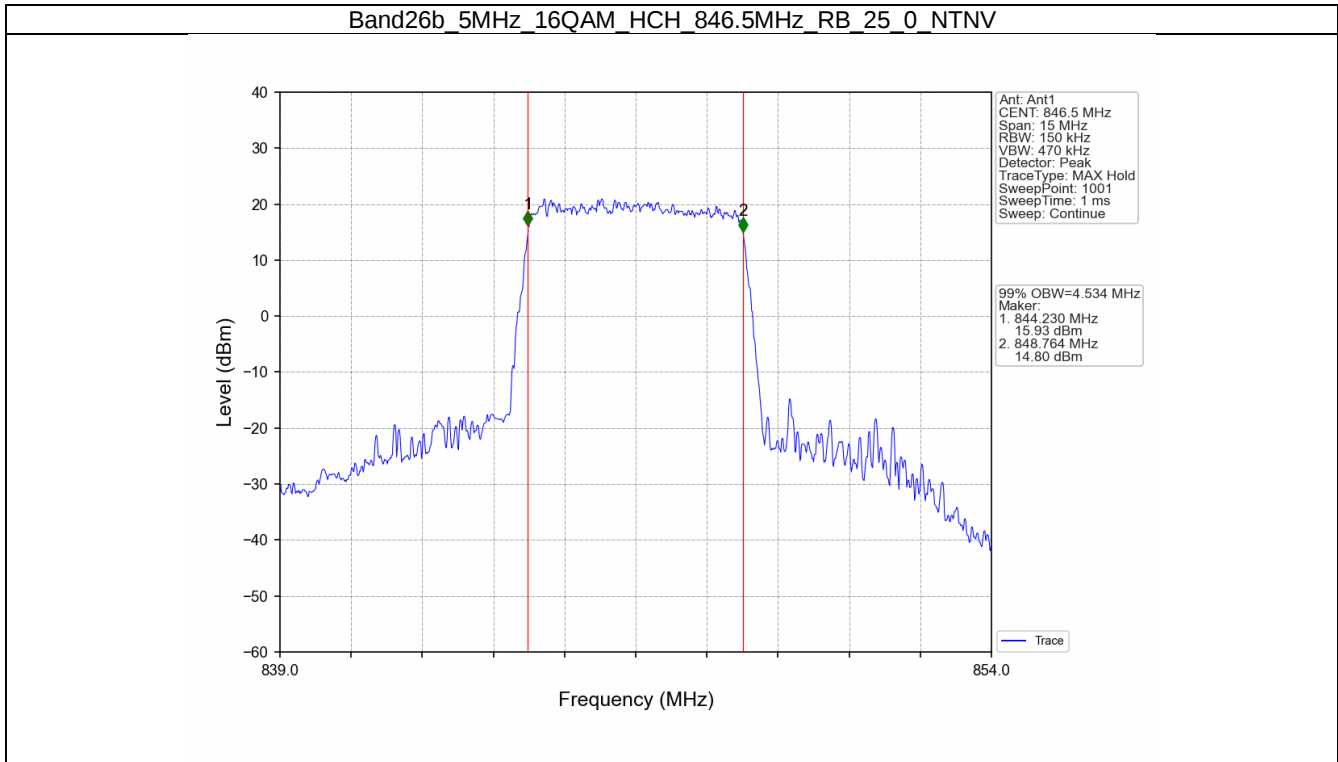


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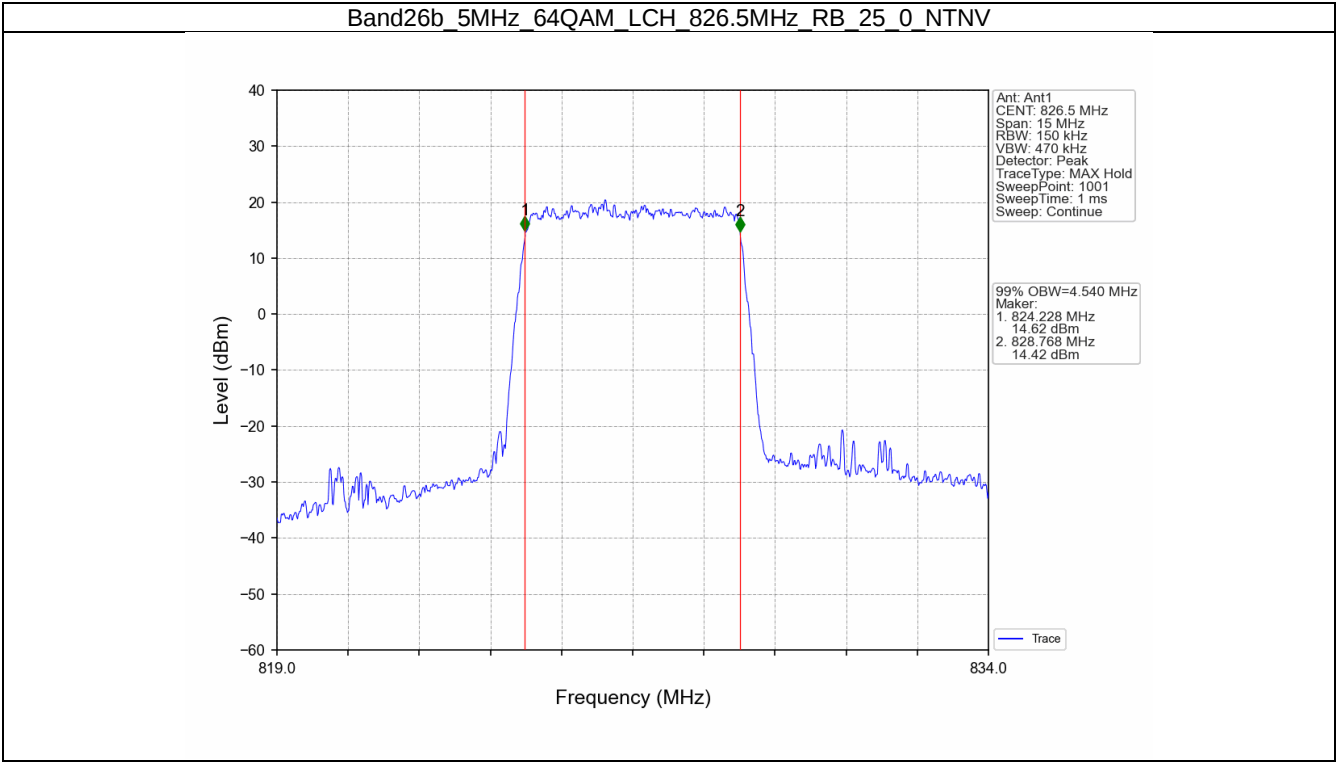


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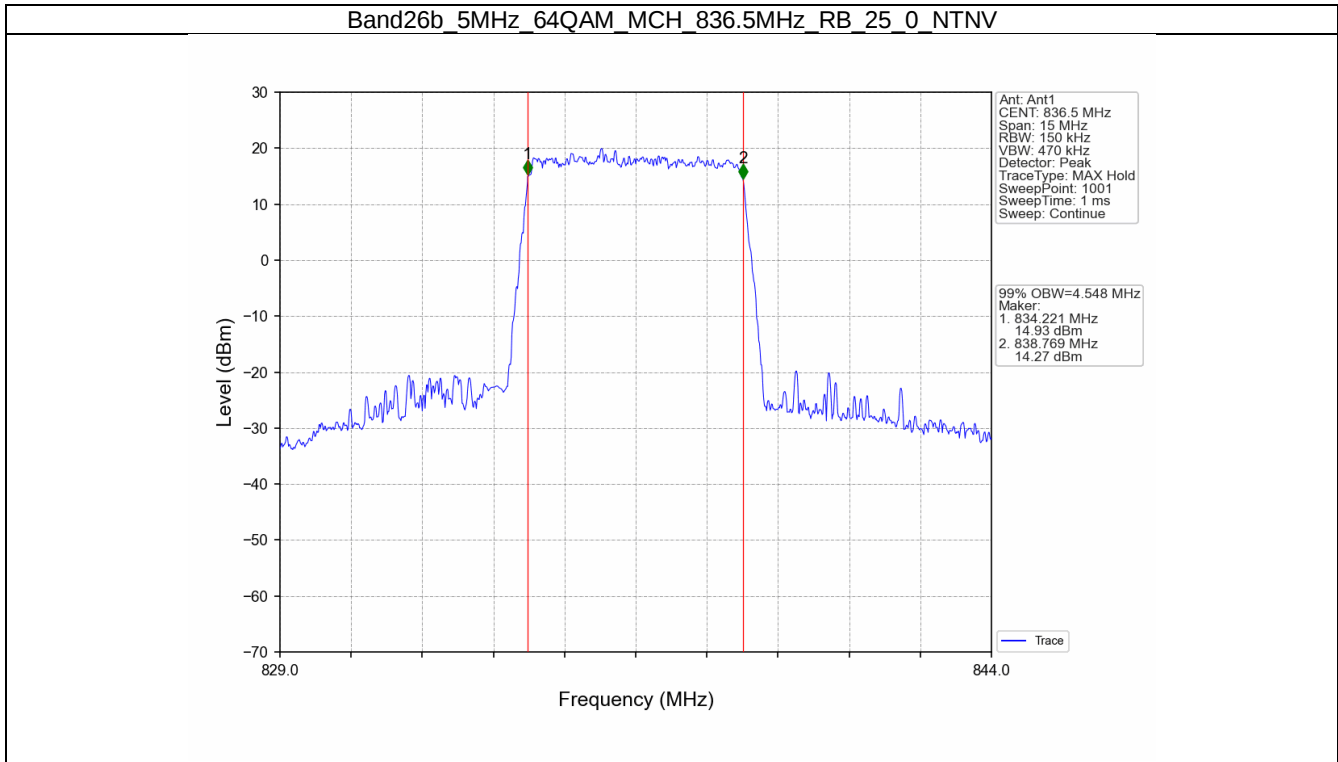


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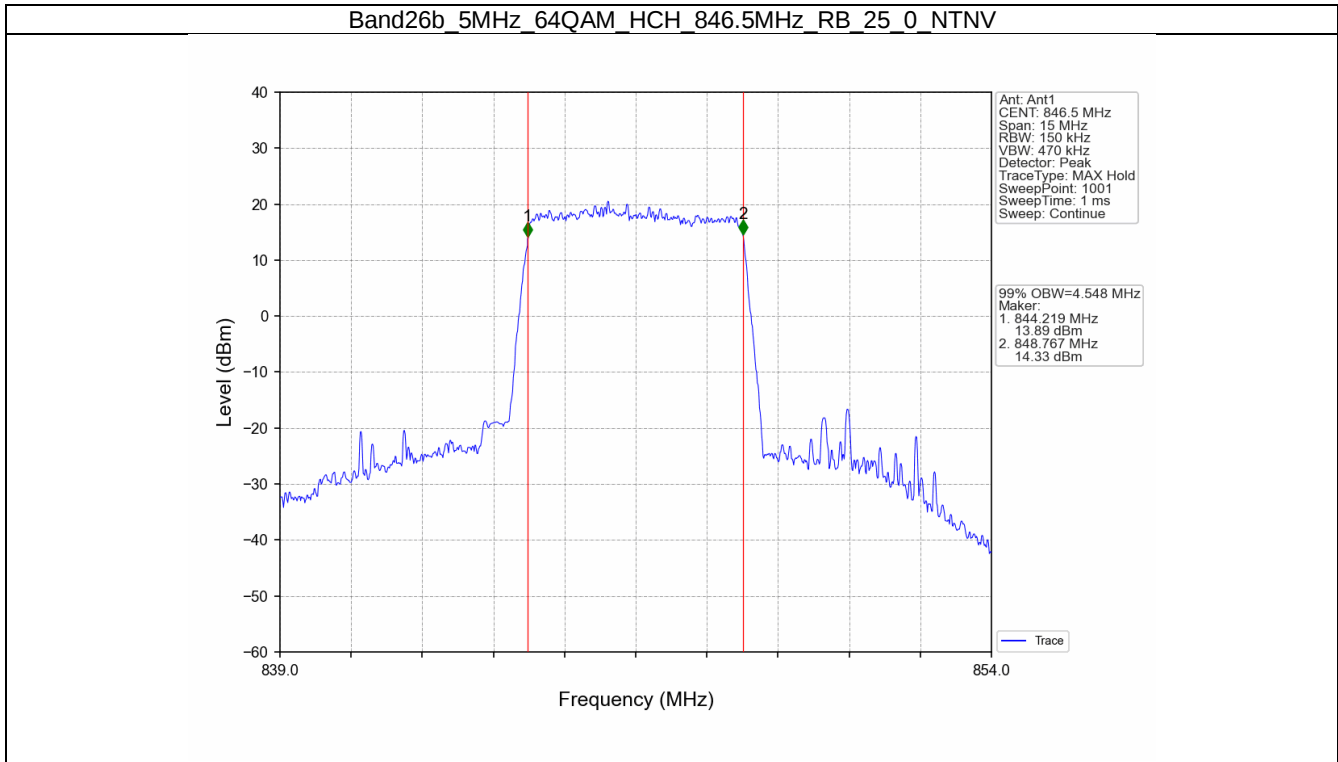


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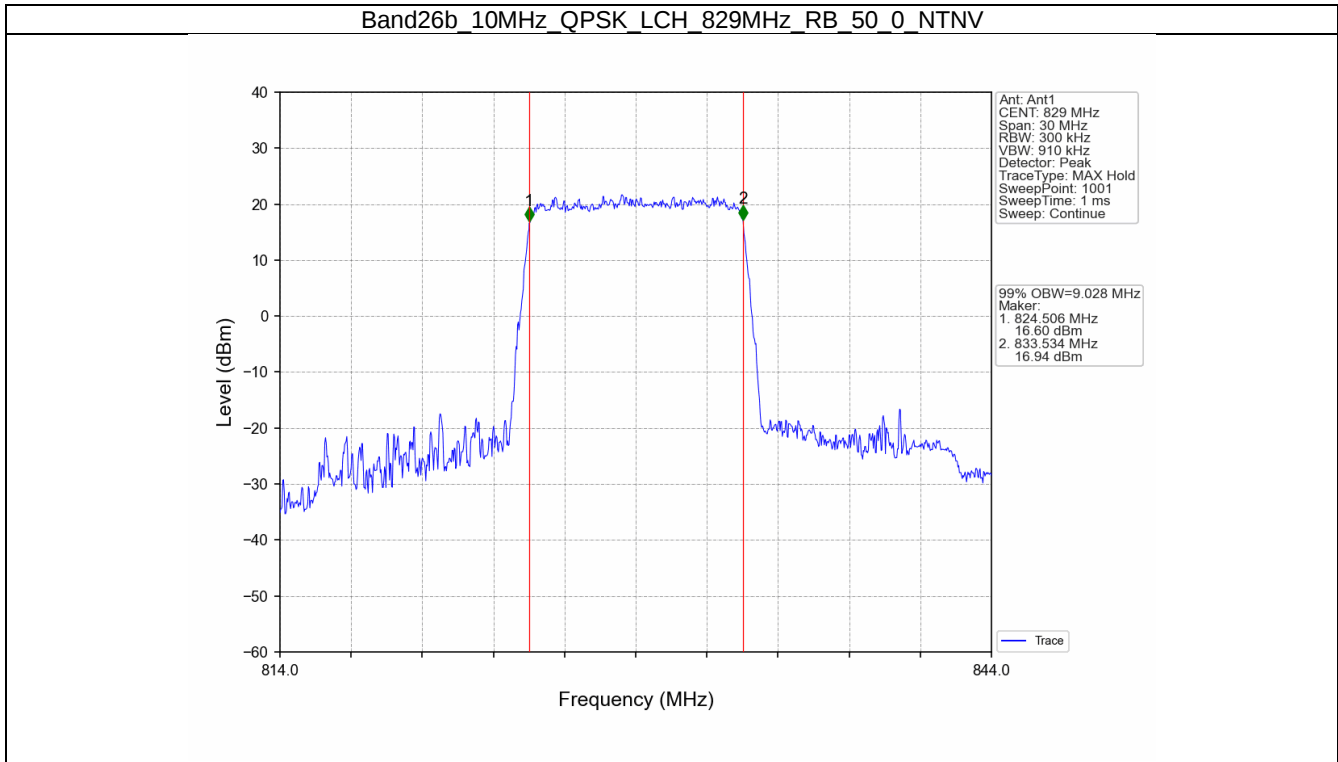


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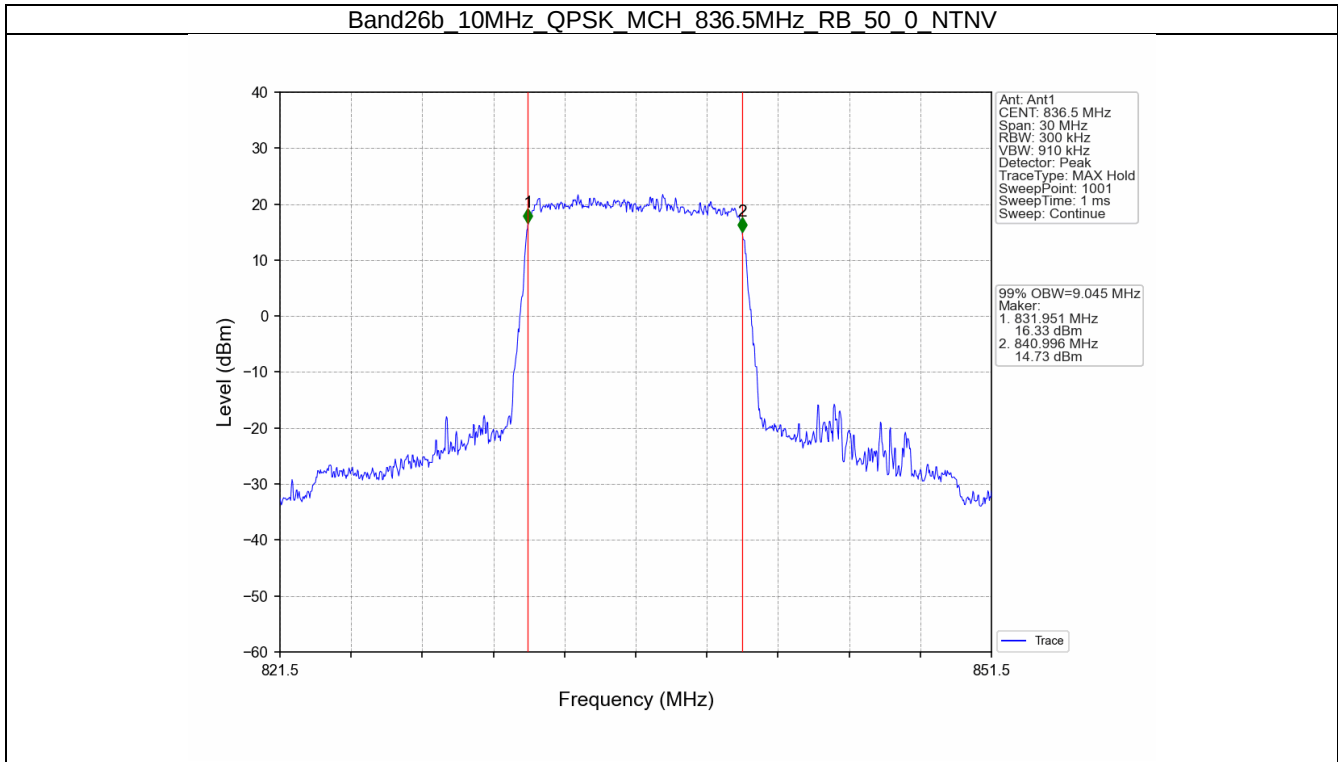


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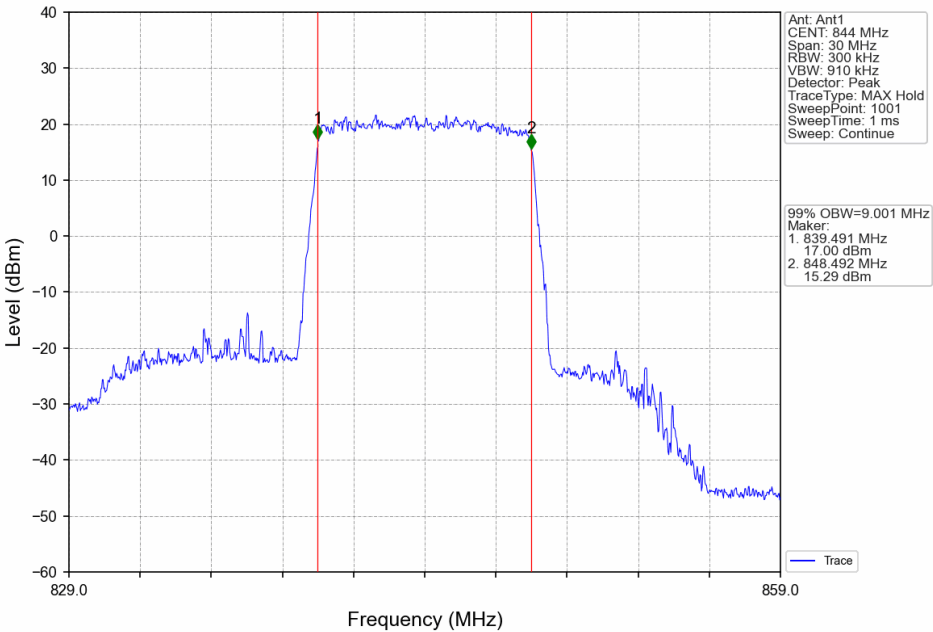
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Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



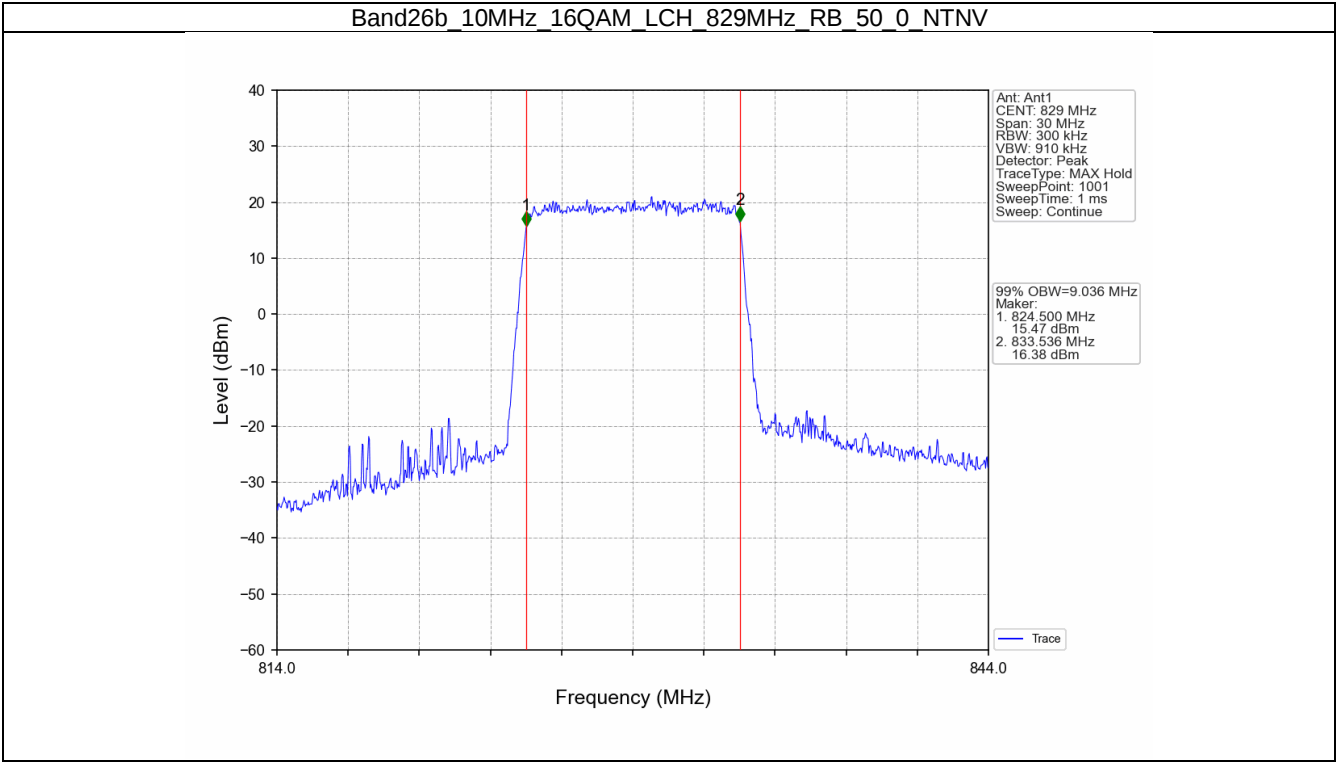


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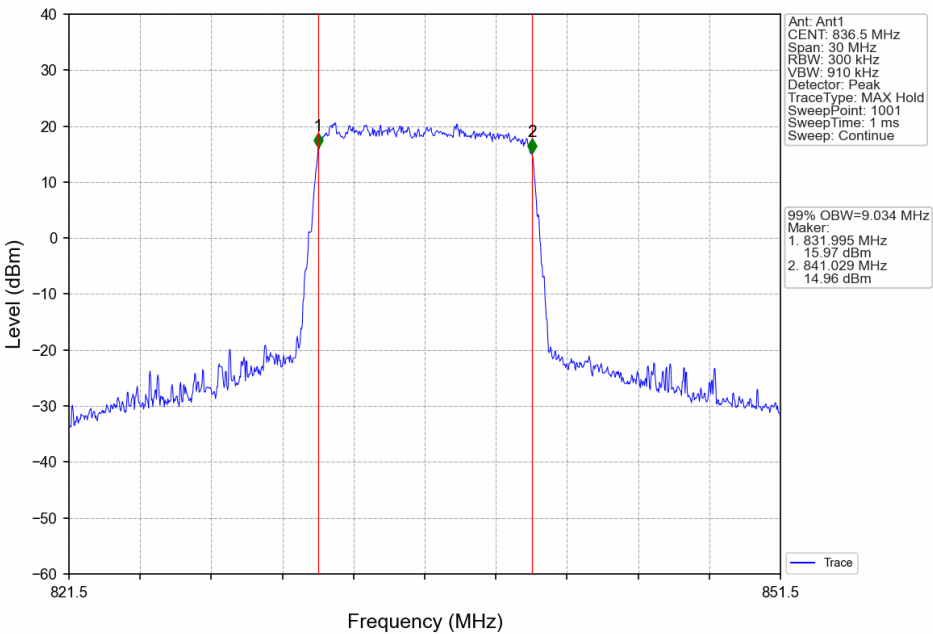
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Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



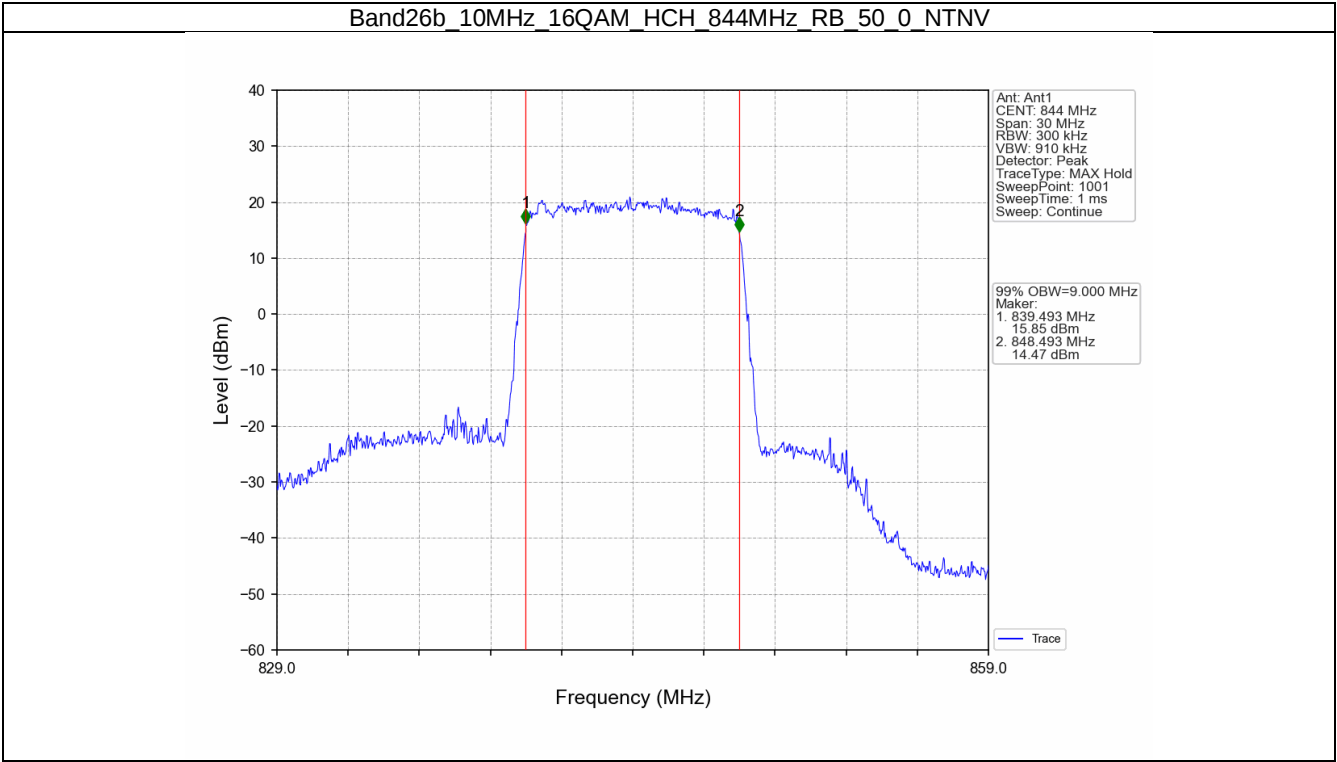


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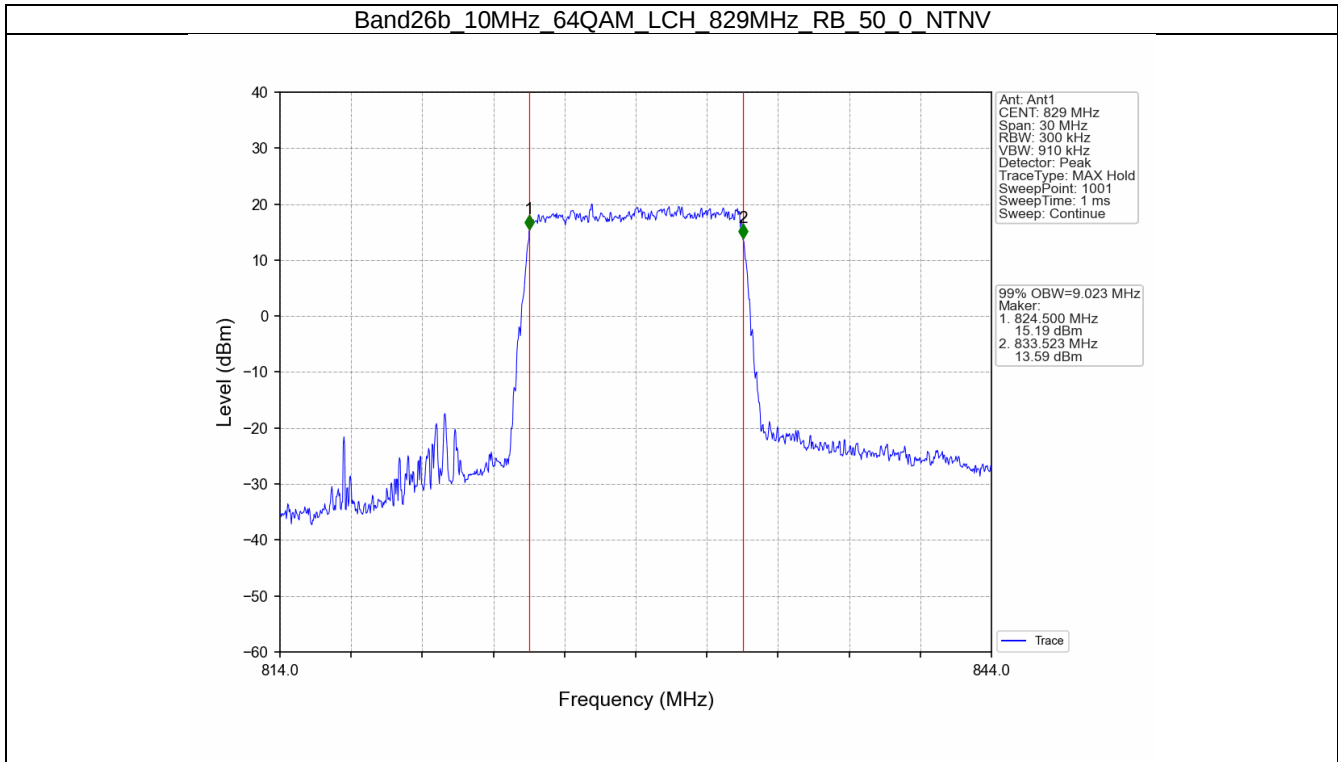


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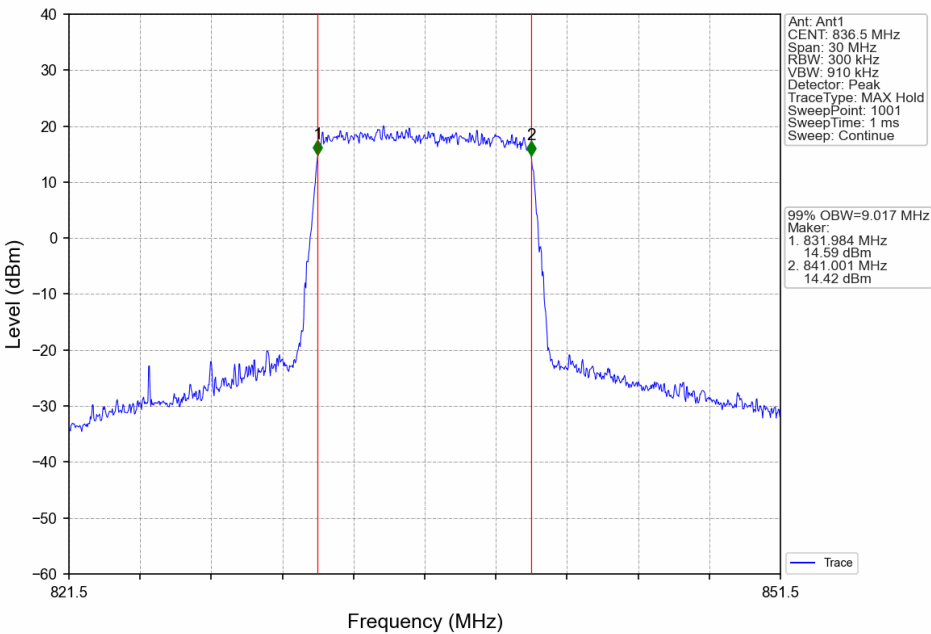
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Band26b_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



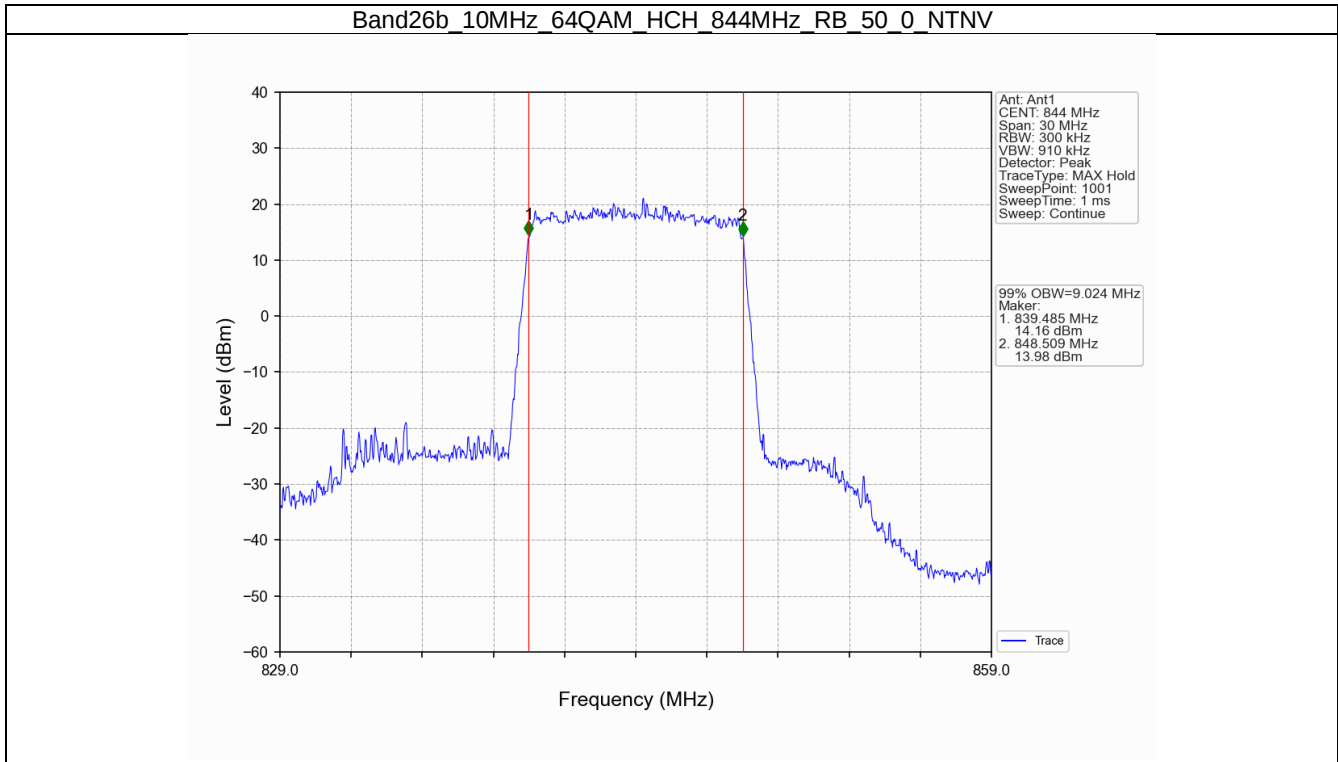


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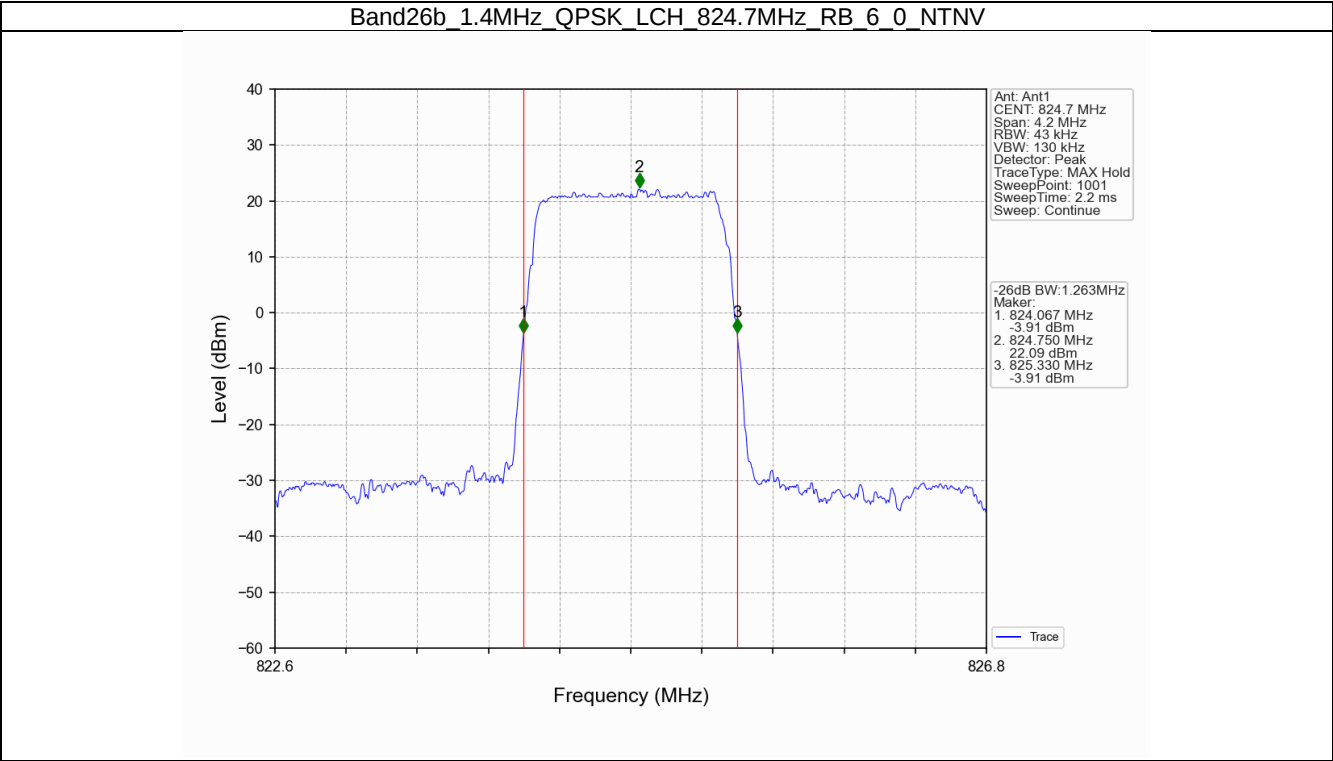
2.2 Band26b_XDB

2.2.1 Test Result

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.263	/	Pass
		836.5	6	0	1.269	/	Pass
		848.3	6	0	1.272	/	Pass
	16QAM	824.7	6	0	1.257	/	Pass
		836.5	6	0	1.273	/	Pass
		848.3	6	0	1.273	/	Pass
	64QAM	824.7	6	0	1.259	/	Pass
		836.5	6	0	1.250	/	Pass
		848.3	6	0	1.256	/	Pass
3	QPSK	825.5	15	0	3.083	/	Pass
		836.5	15	0	3.081	/	Pass
		847.5	15	0	3.053	/	Pass
	16QAM	825.5	15	0	3.066	/	Pass
		836.5	15	0	3.082	/	Pass
		847.5	15	0	3.100	/	Pass
	64QAM	825.5	15	0	3.046	/	Pass
		836.5	15	0	3.075	/	Pass
		847.5	15	0	3.067	/	Pass
5	QPSK	826.5	25	0	5.039	/	Pass
		836.5	25	0	5.049	/	Pass
		846.5	25	0	5.047	/	Pass
	16QAM	826.5	25	0	5.040	/	Pass
		836.5	25	0	5.021	/	Pass
		846.5	25	0	5.062	/	Pass
	64QAM	826.5	25	0	5.039	/	Pass
		836.5	25	0	5.058	/	Pass
		846.5	25	0	5.033	/	Pass
10	QPSK	829	50	0	10.021	/	Pass
		836.5	50	0	9.922	/	Pass
		844	50	0	9.967	/	Pass
	16QAM	829	50	0	9.986	/	Pass
		836.5	50	0	9.935	/	Pass
		844	50	0	9.899	/	Pass
	64QAM	829	50	0	9.970	/	Pass
		836.5	50	0	9.941	/	Pass
		844	50	0	9.854	/	Pass



2.2.2 Test Graph



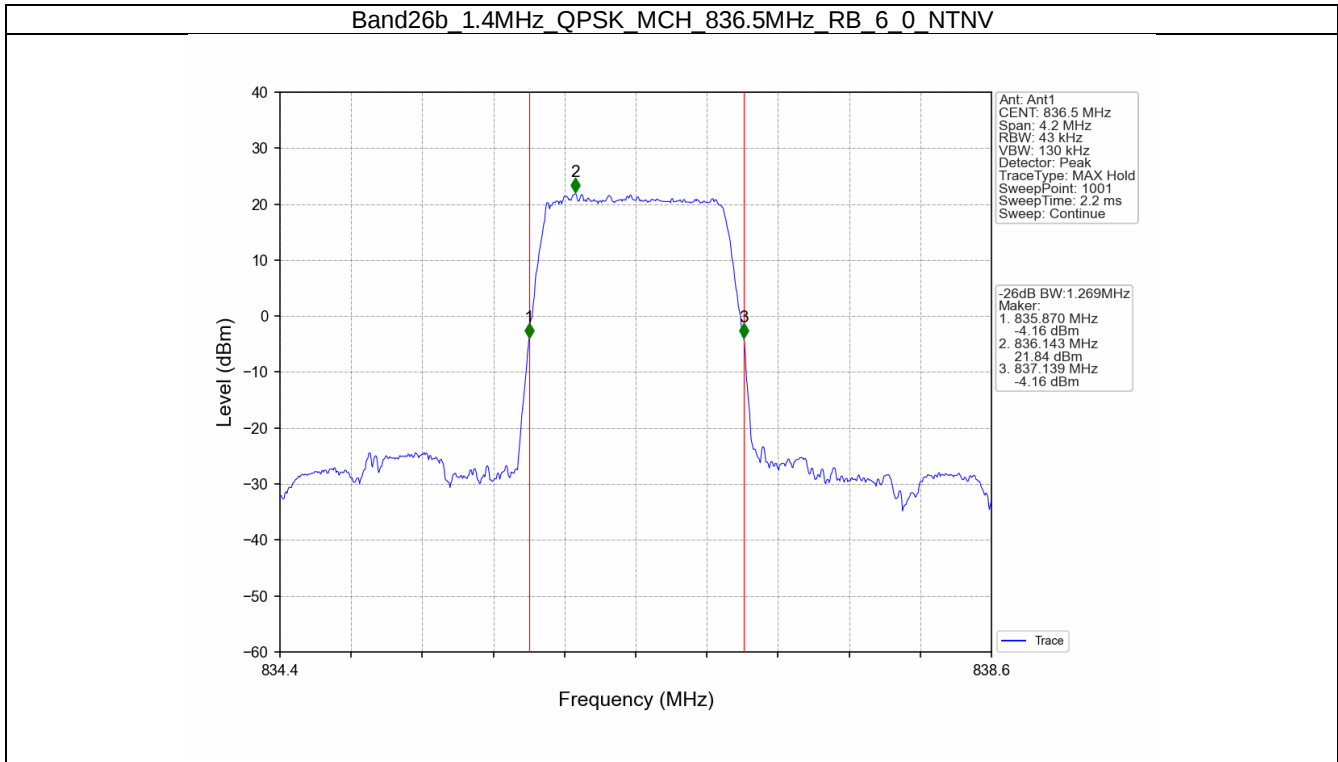


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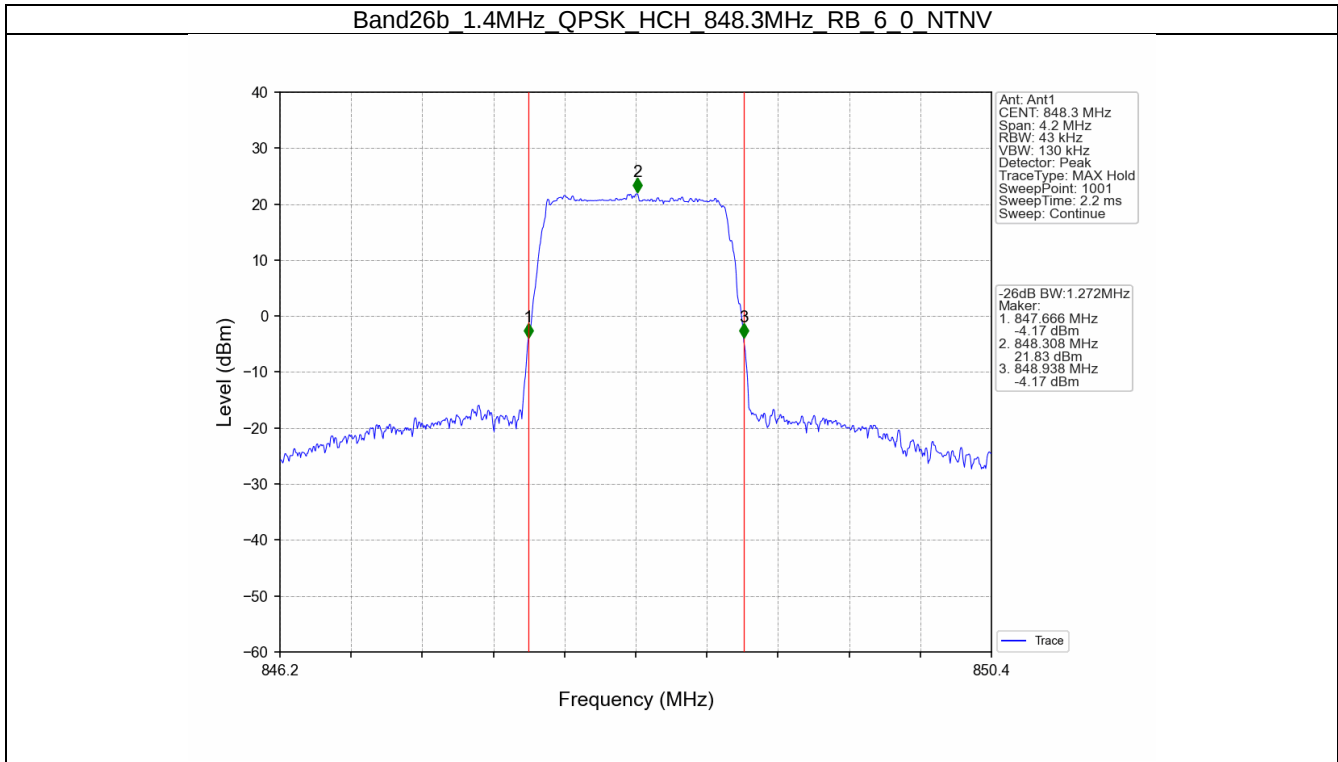


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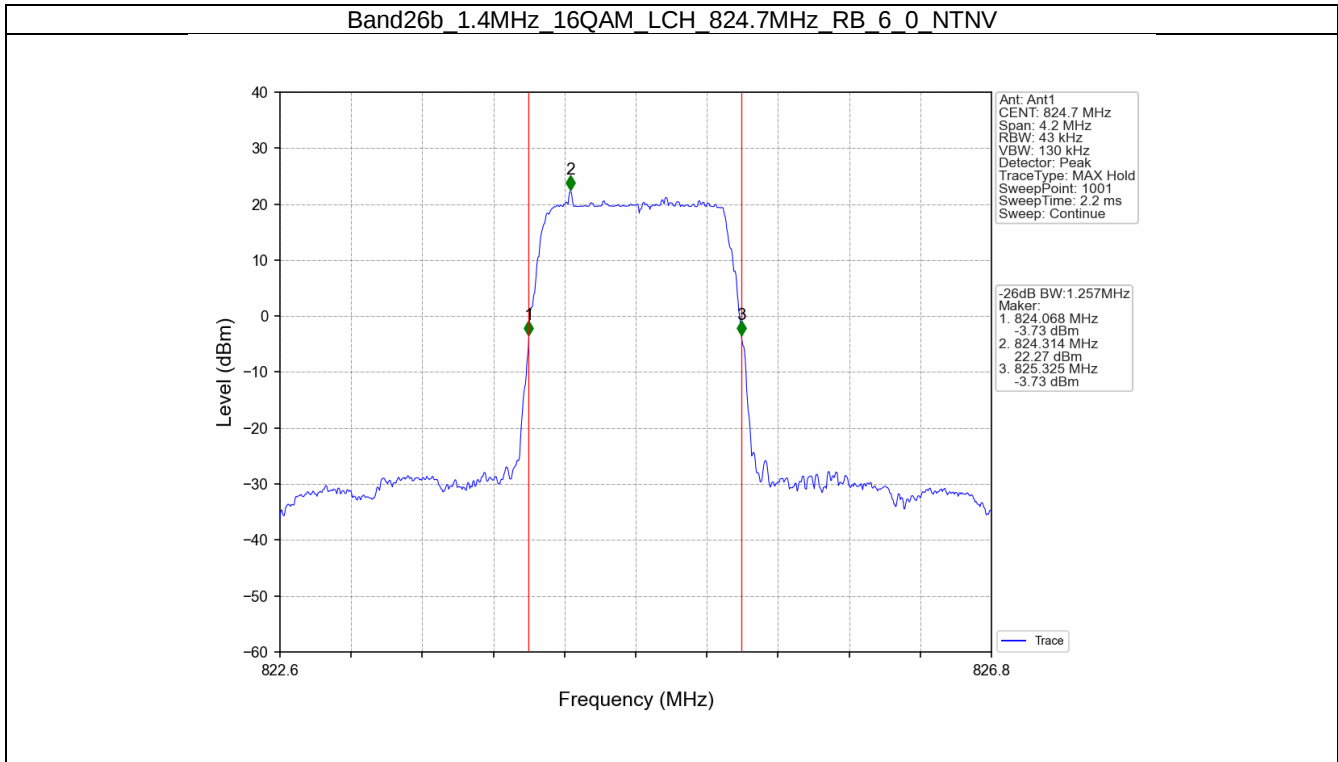


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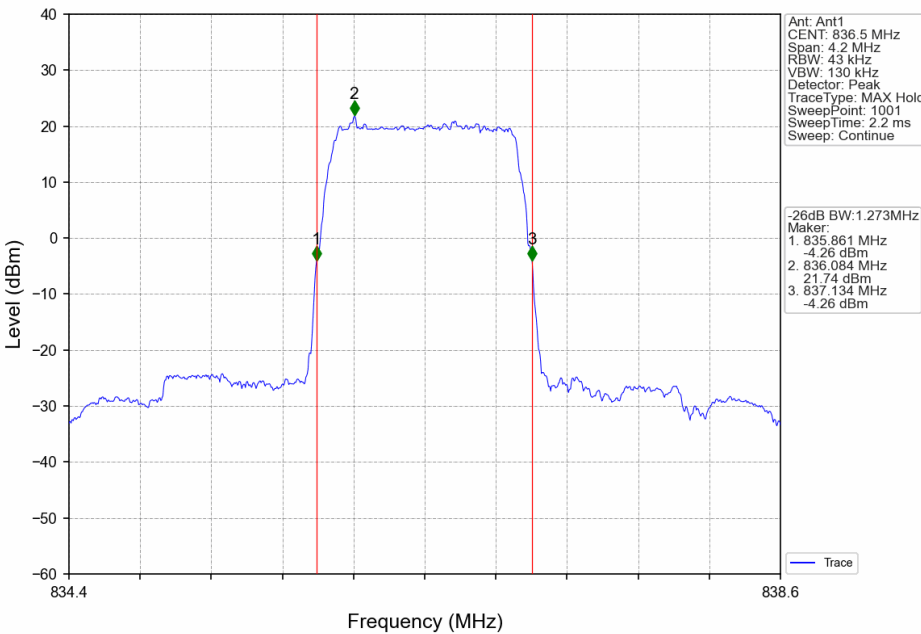
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Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



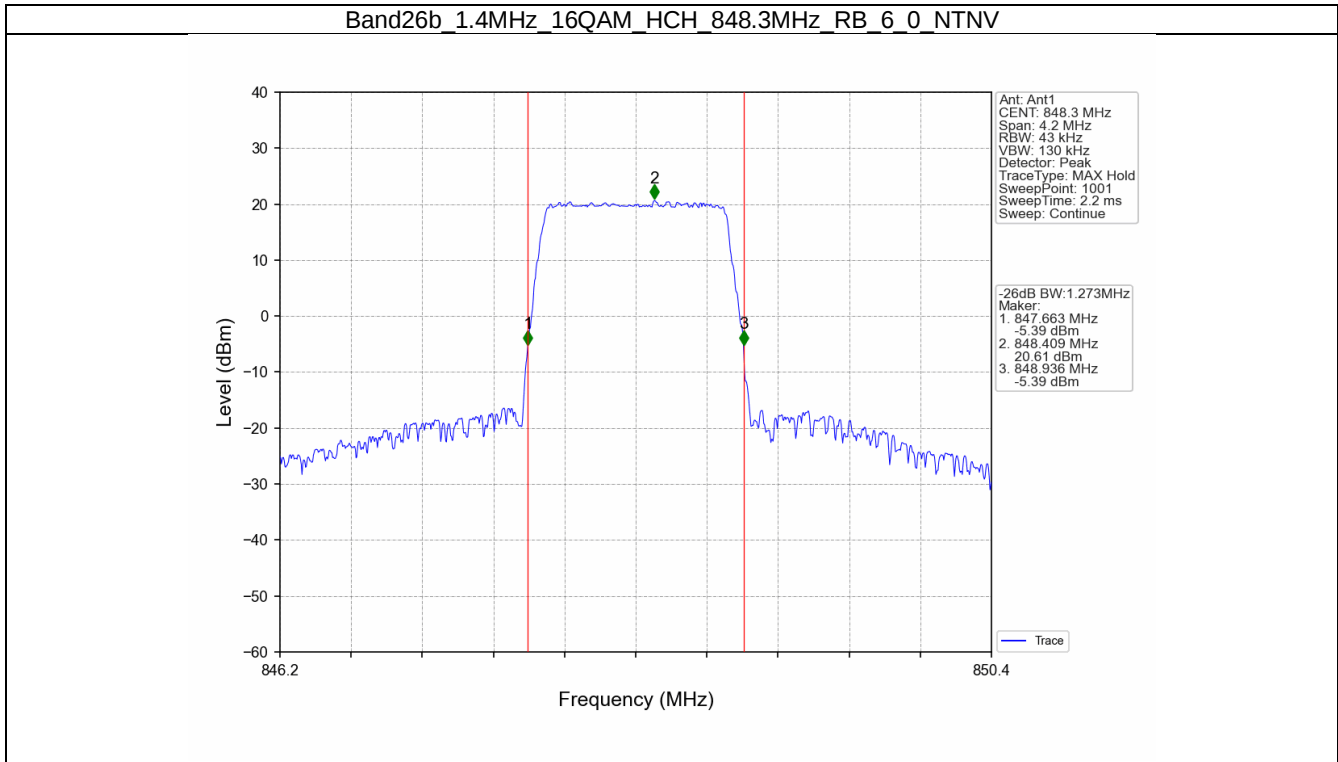


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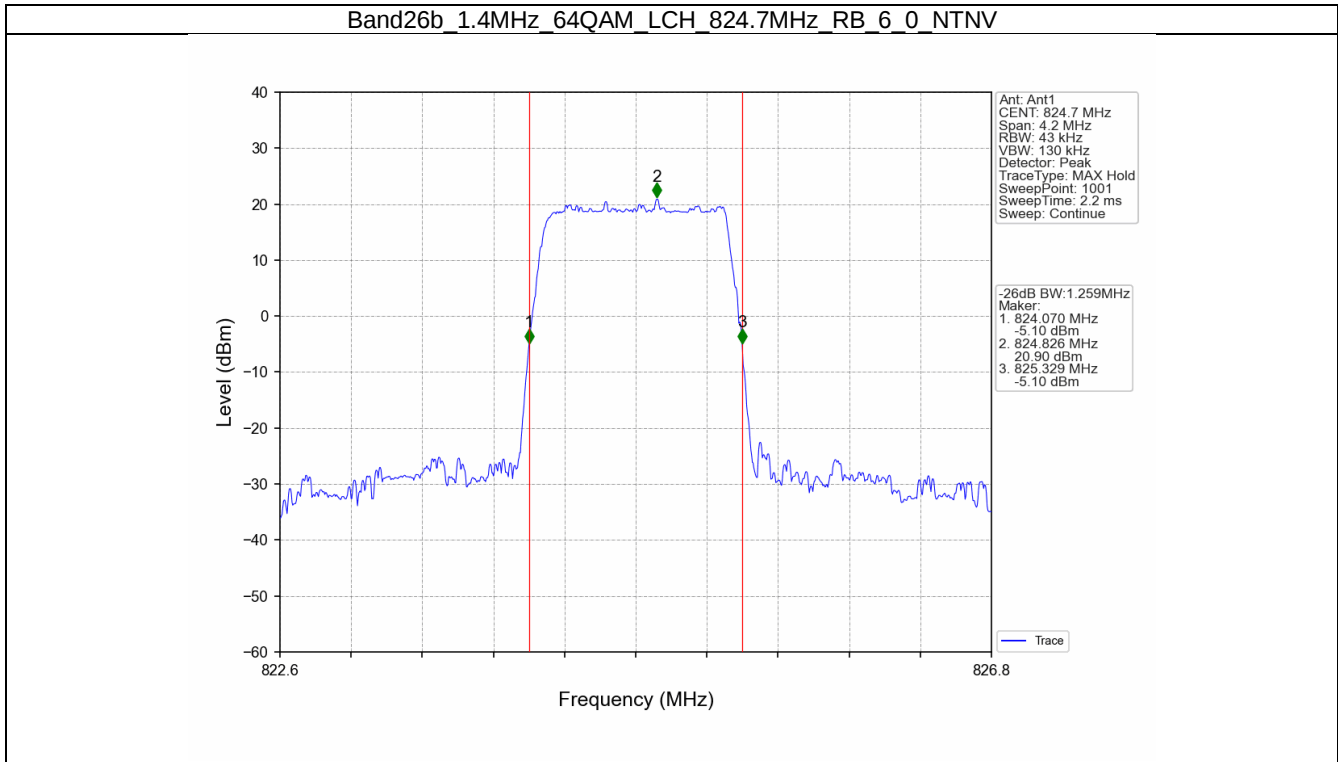


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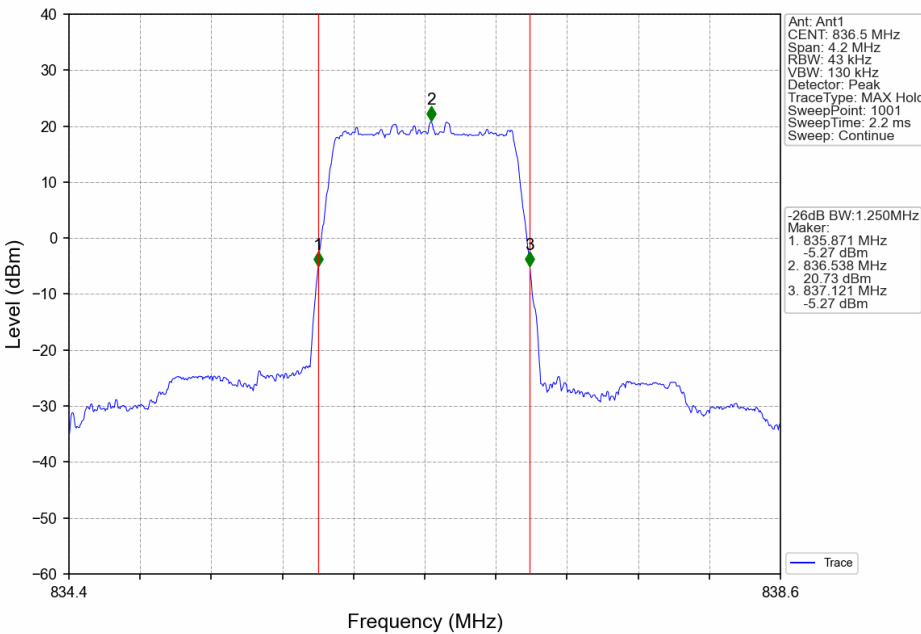
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Band26b_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



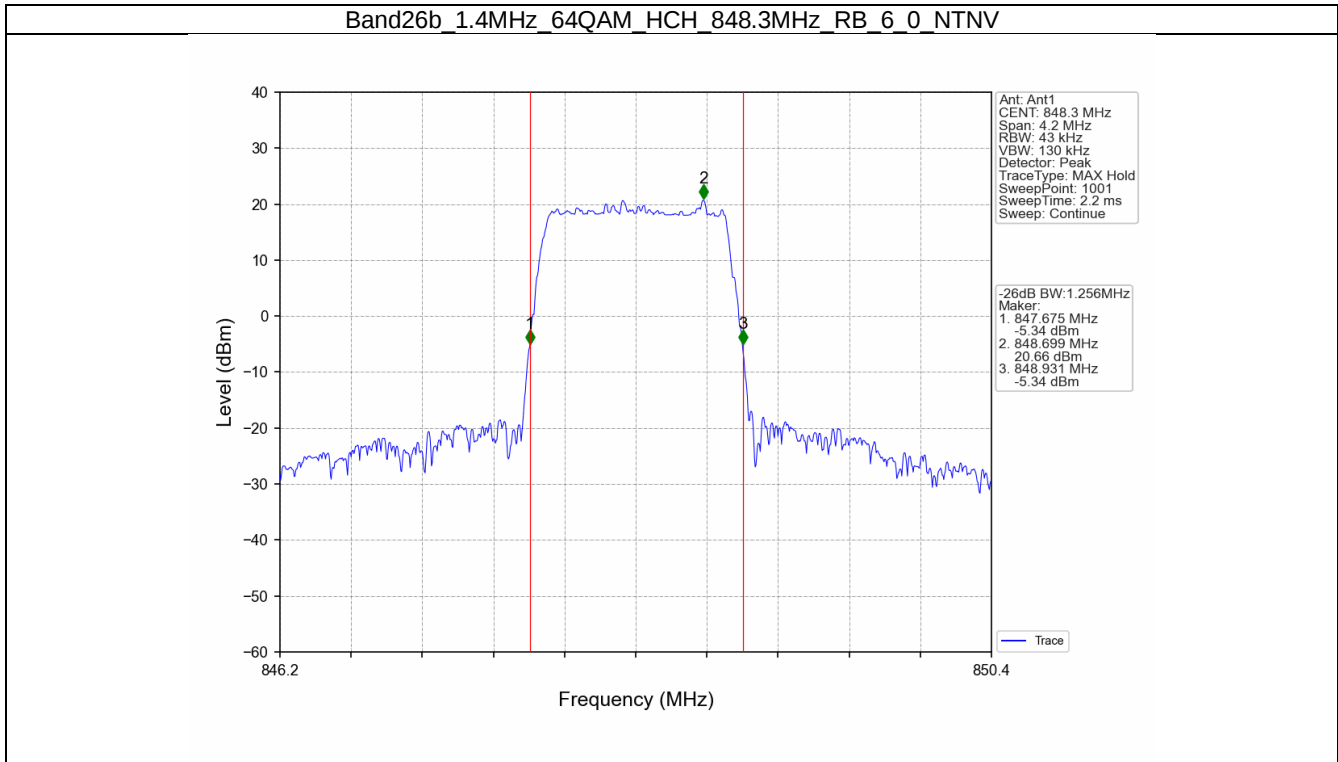


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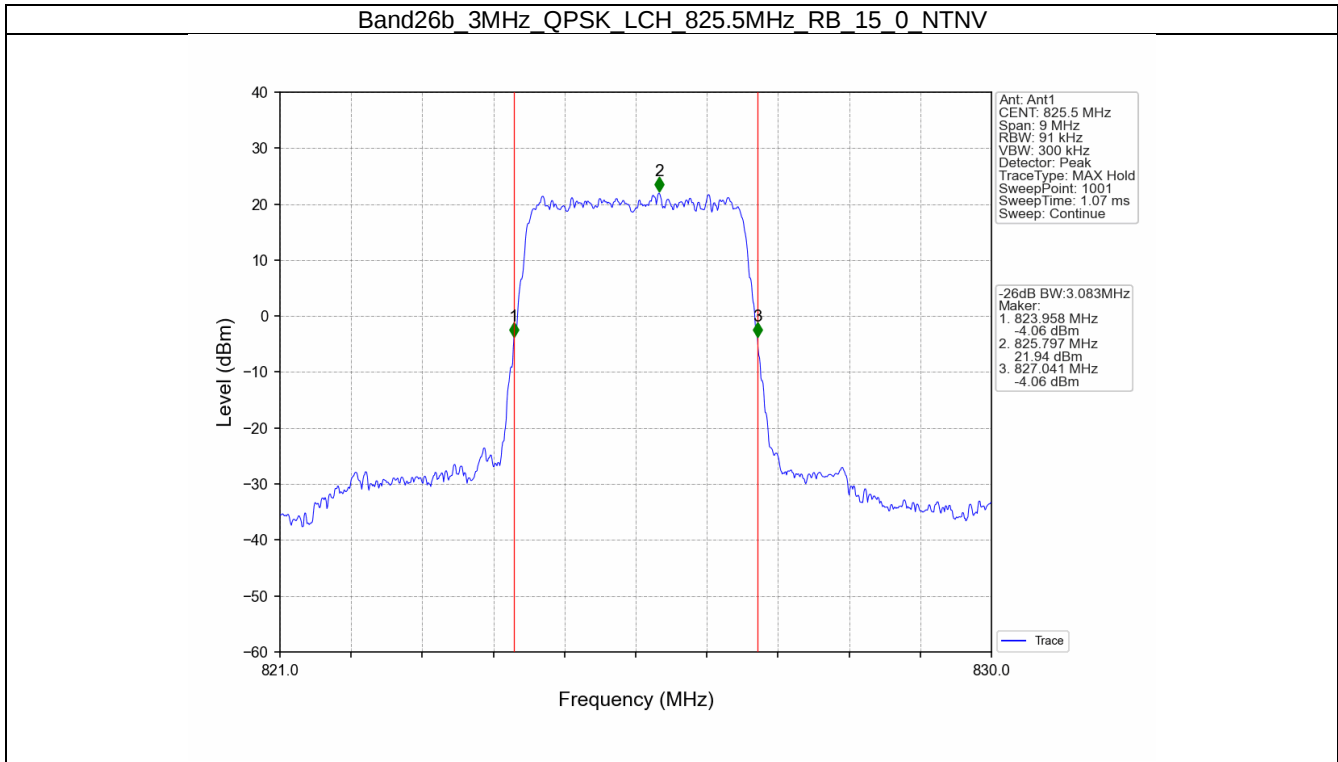


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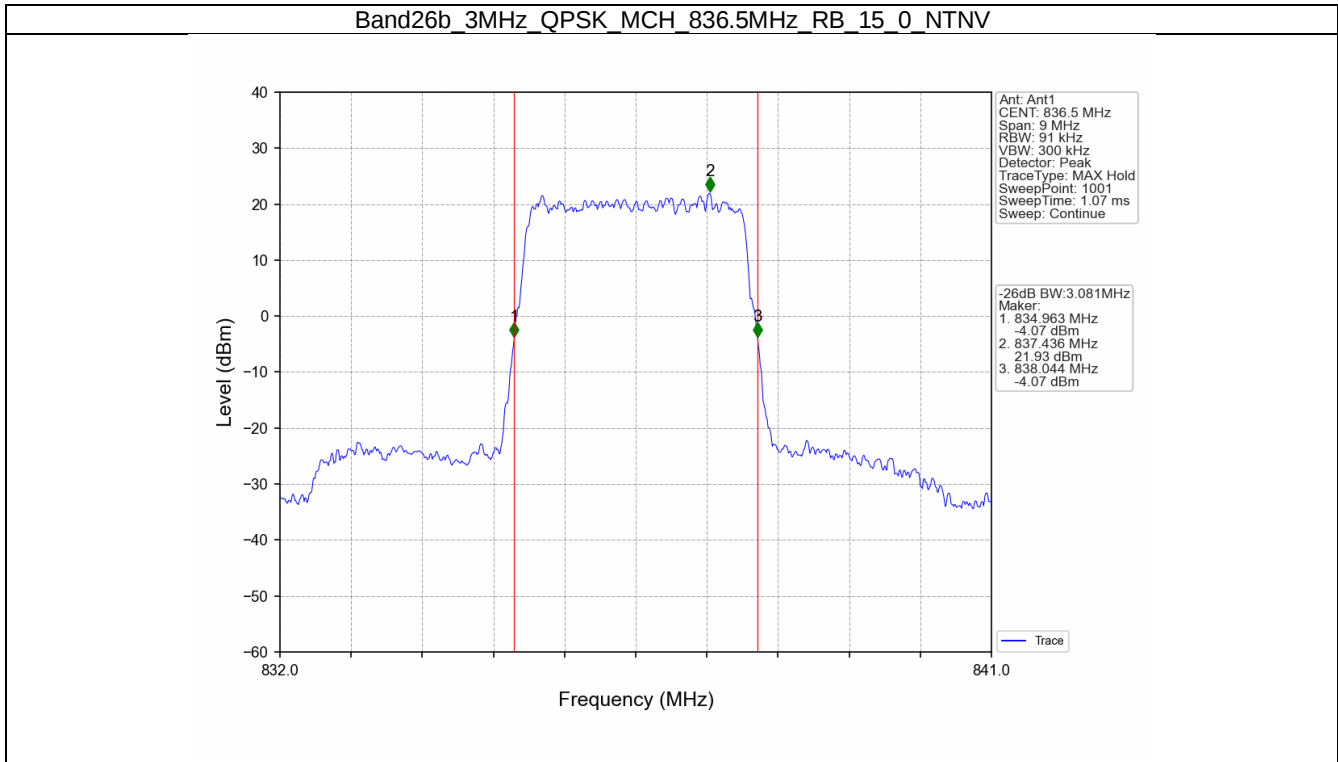


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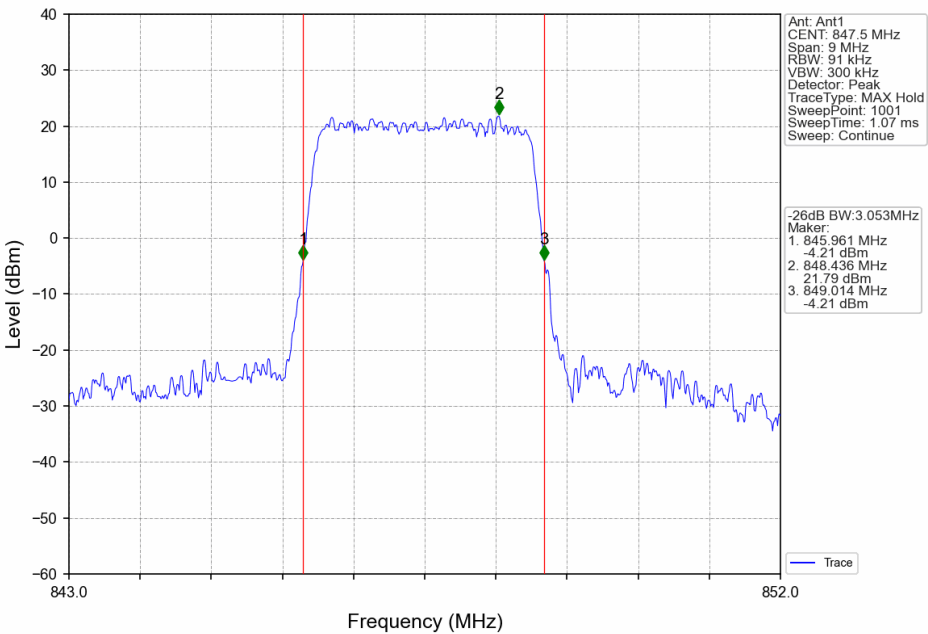
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



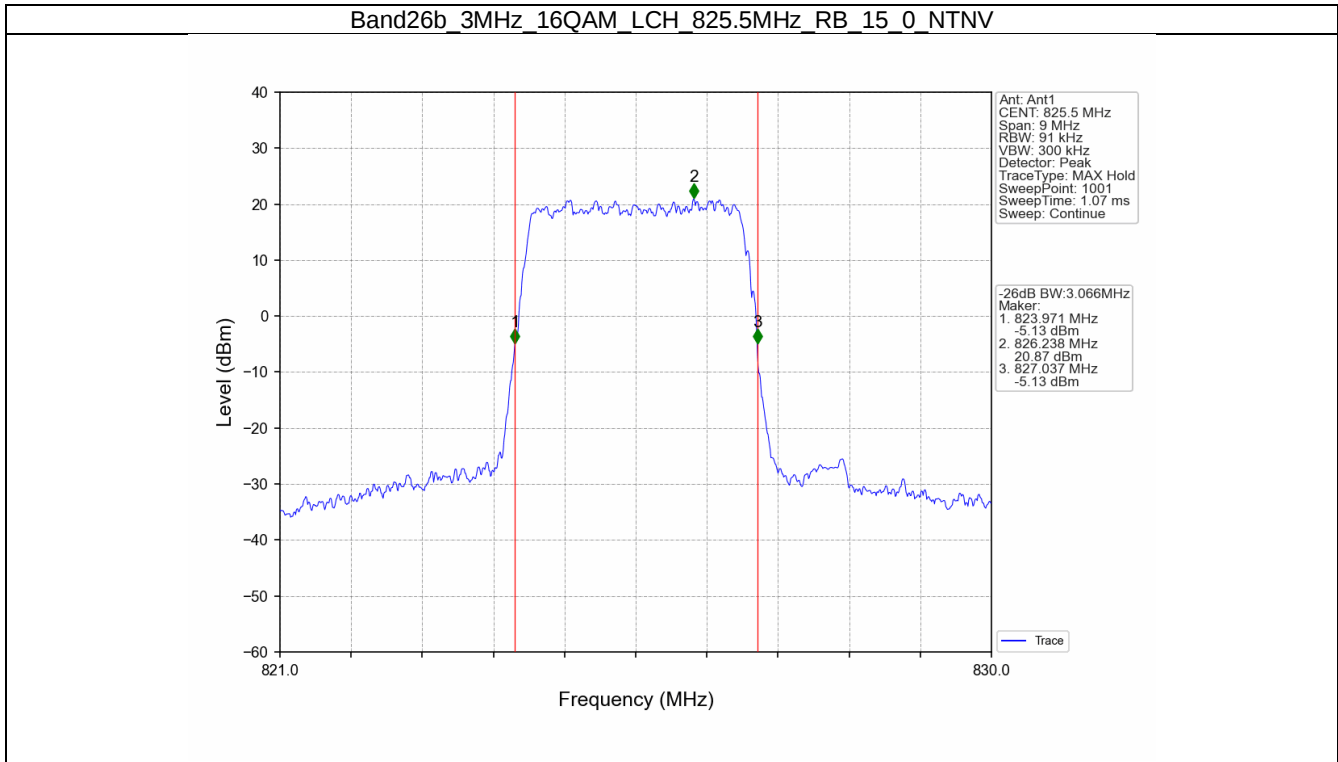


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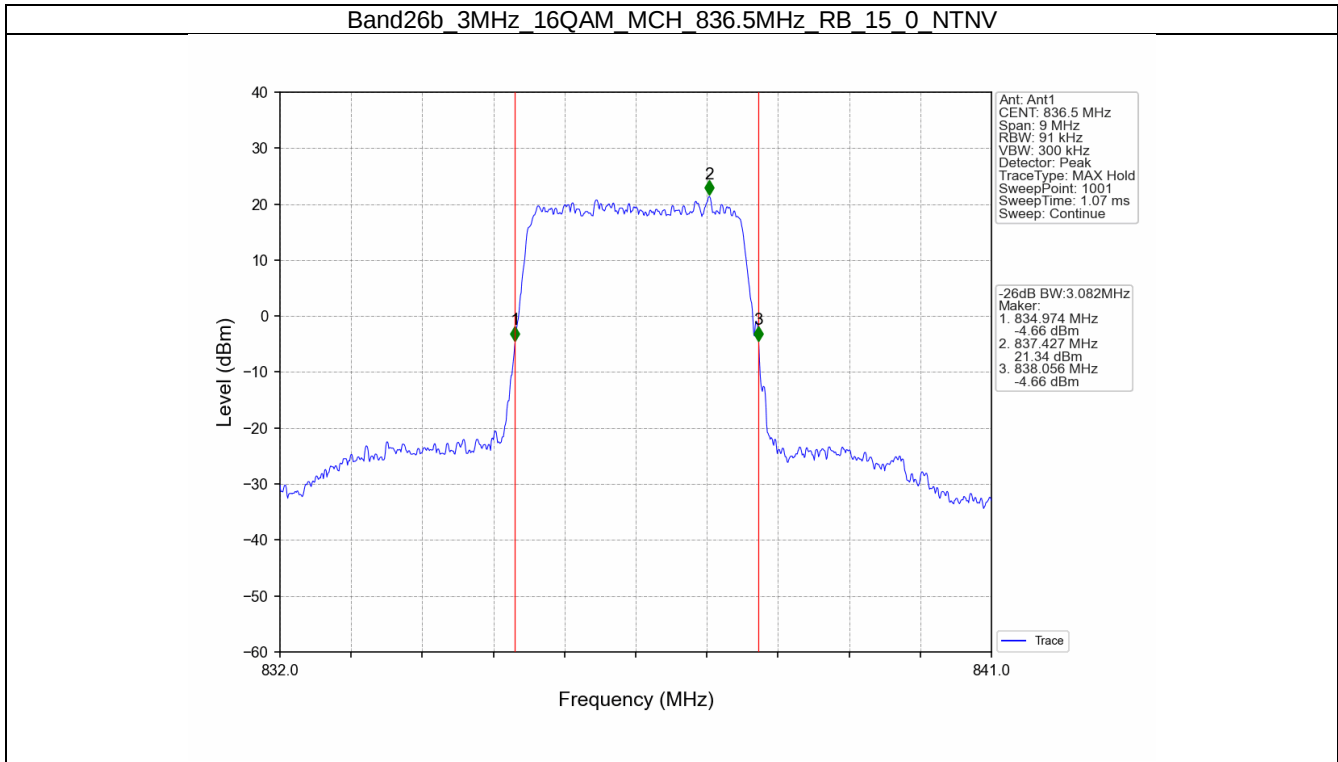


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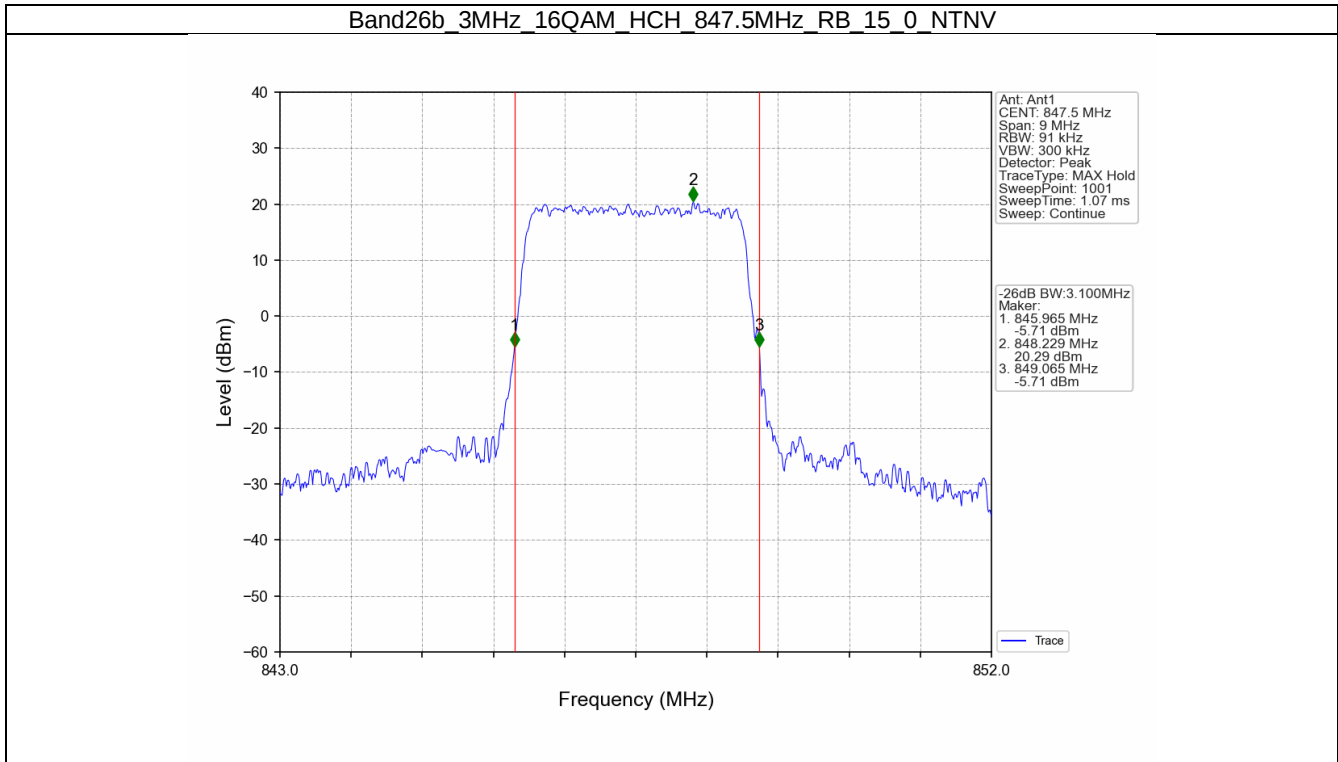


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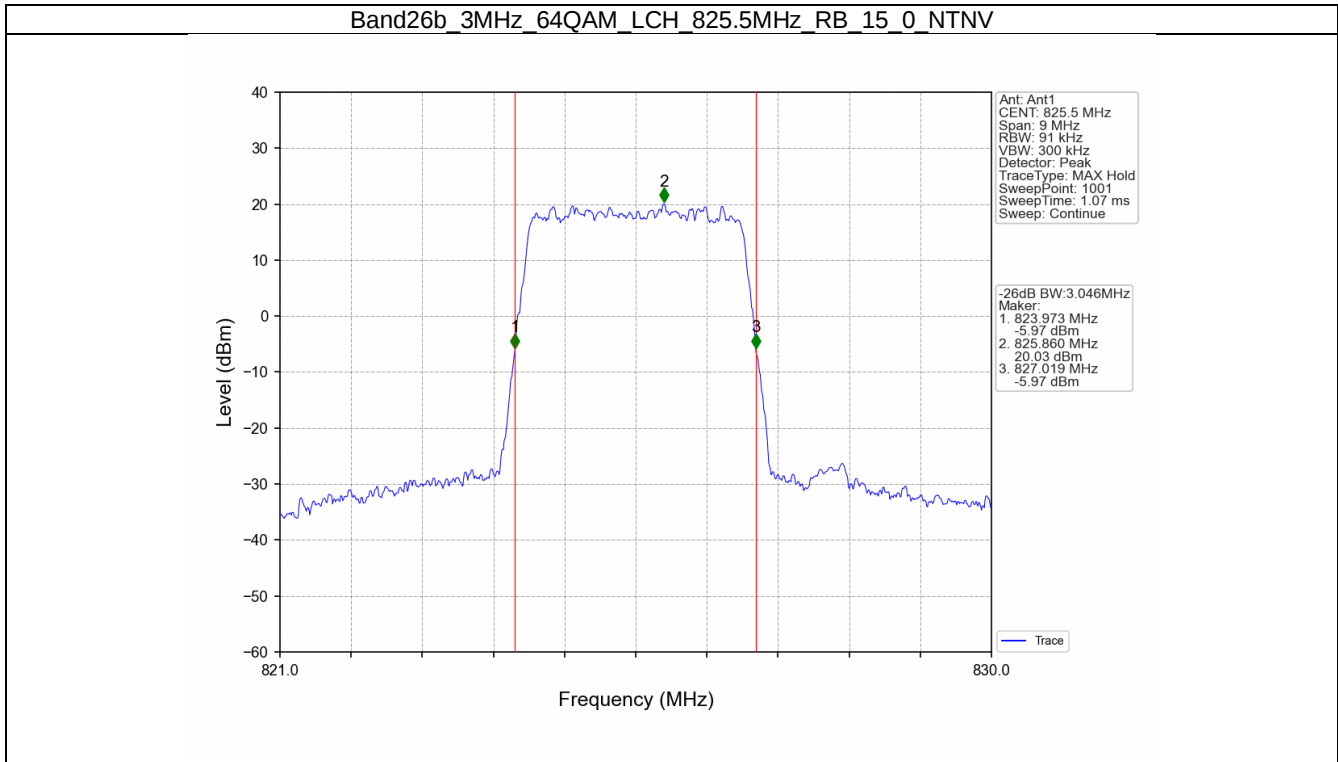


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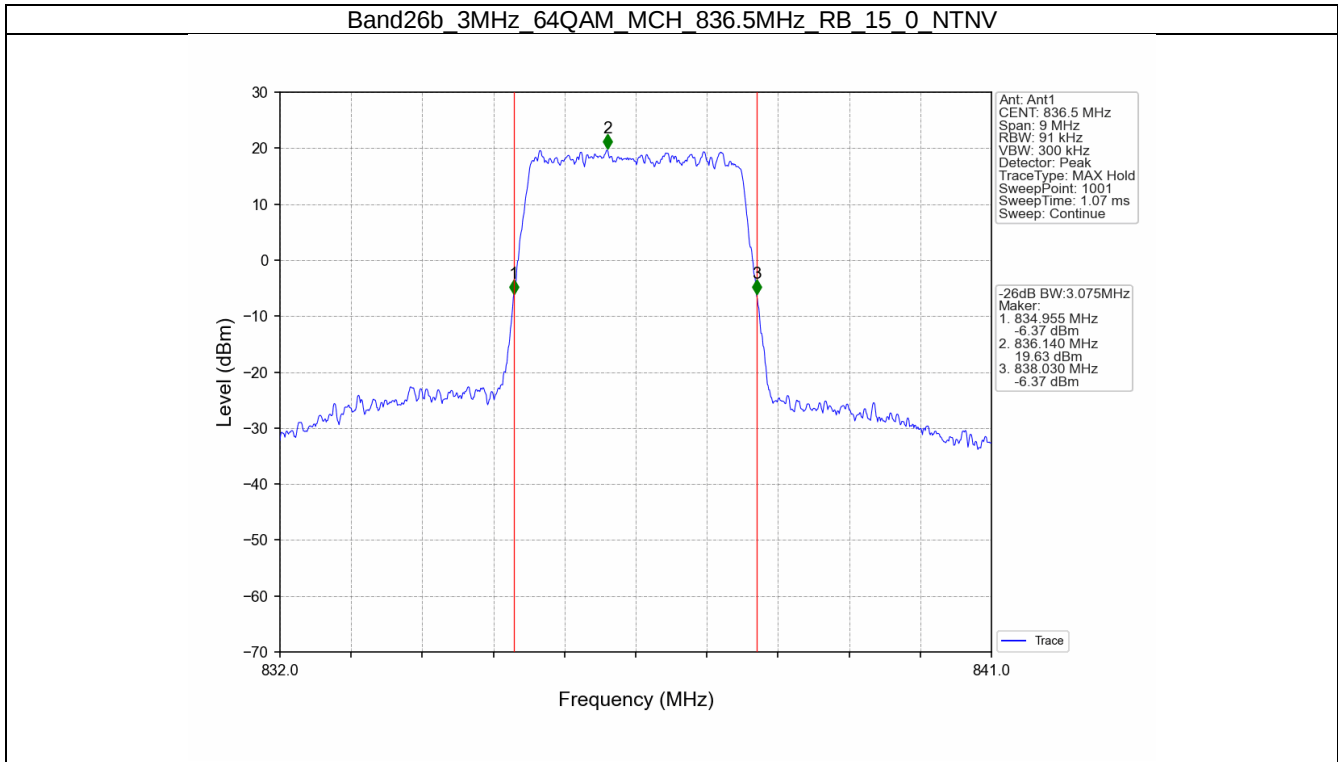


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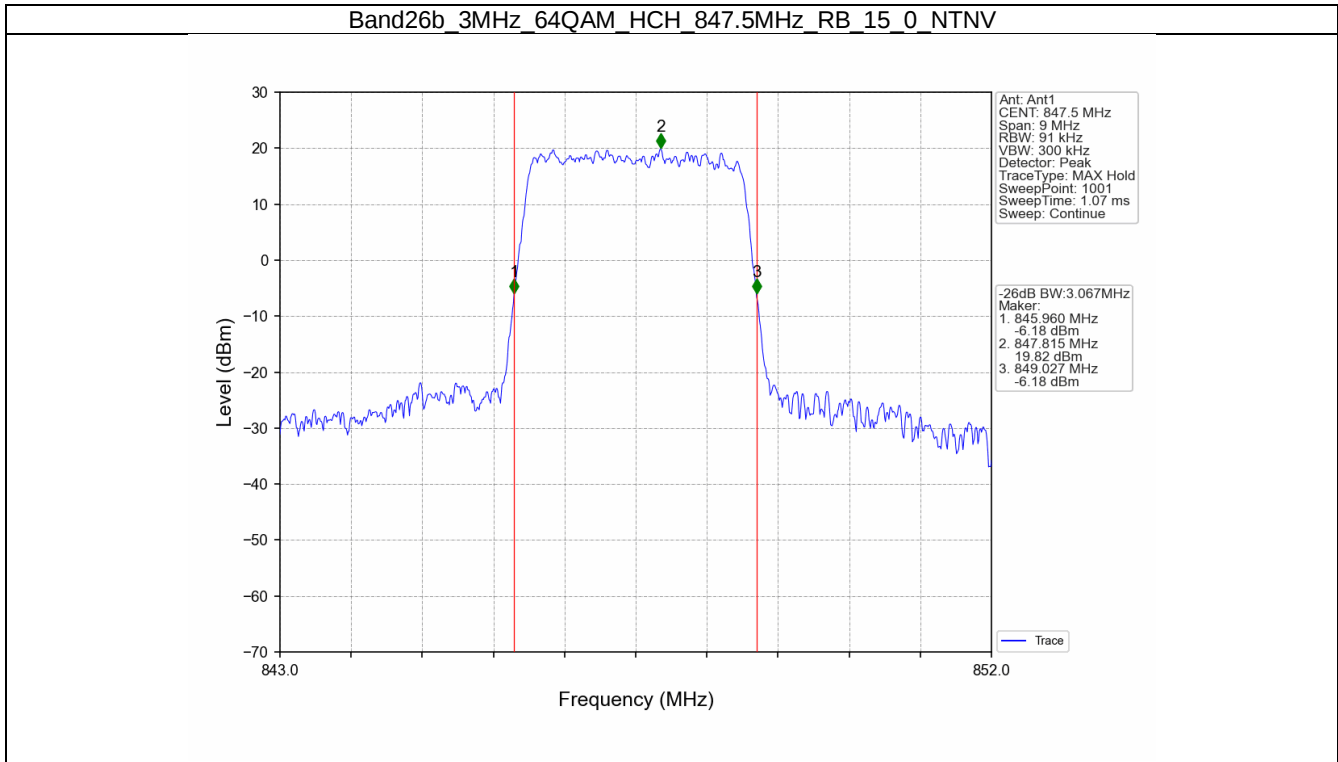


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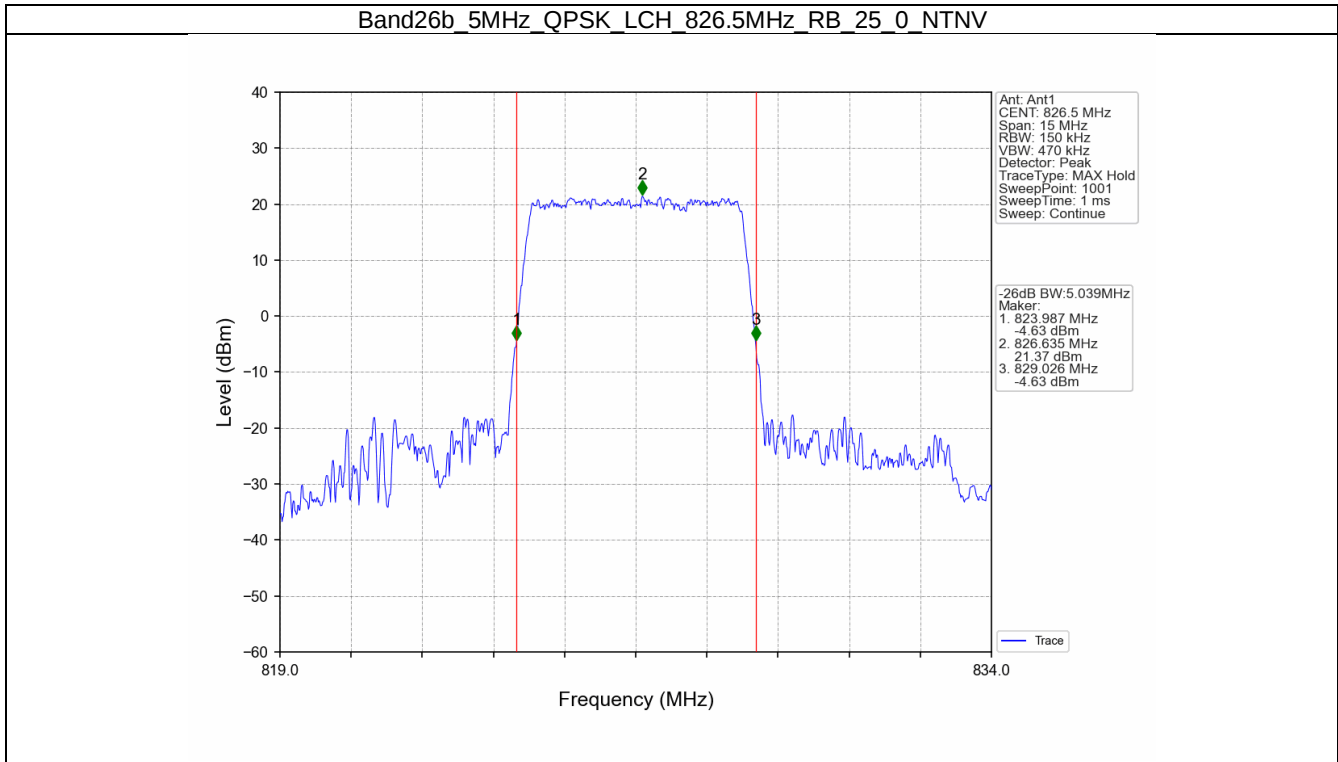


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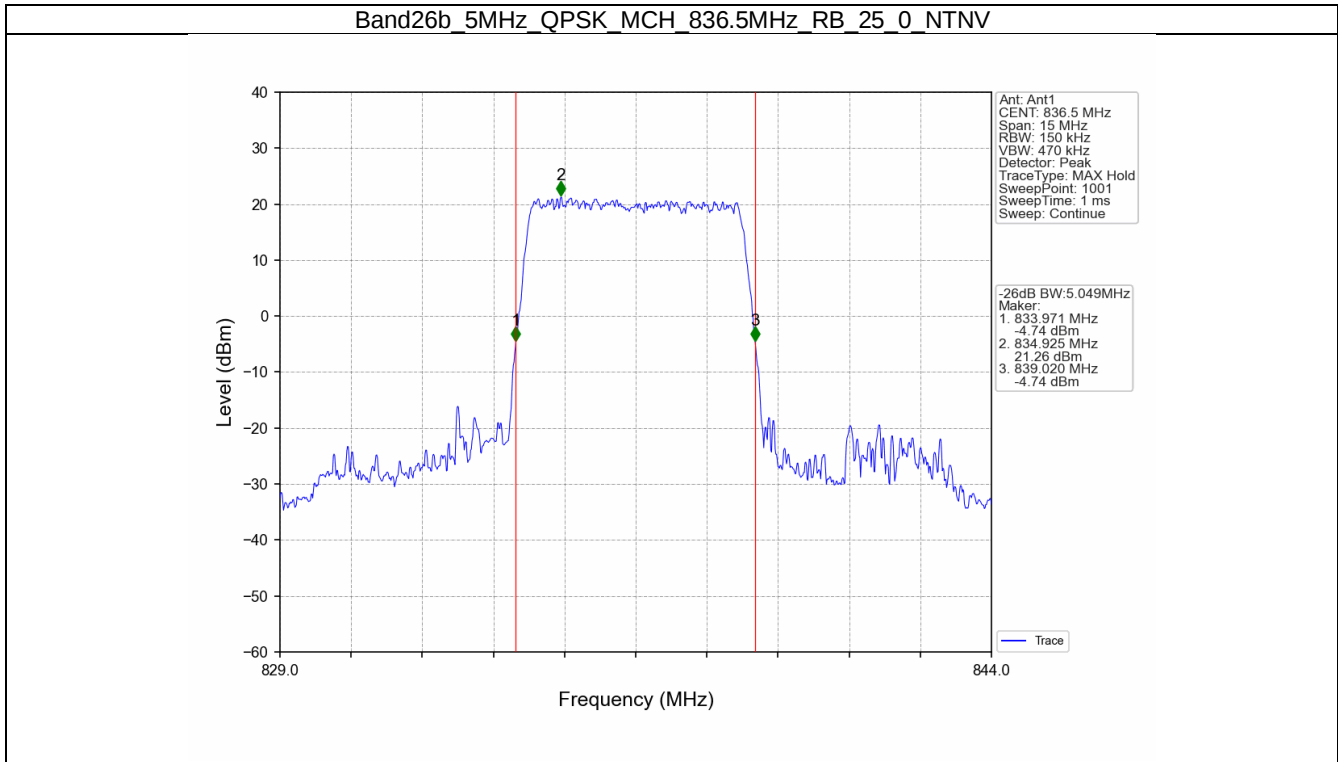


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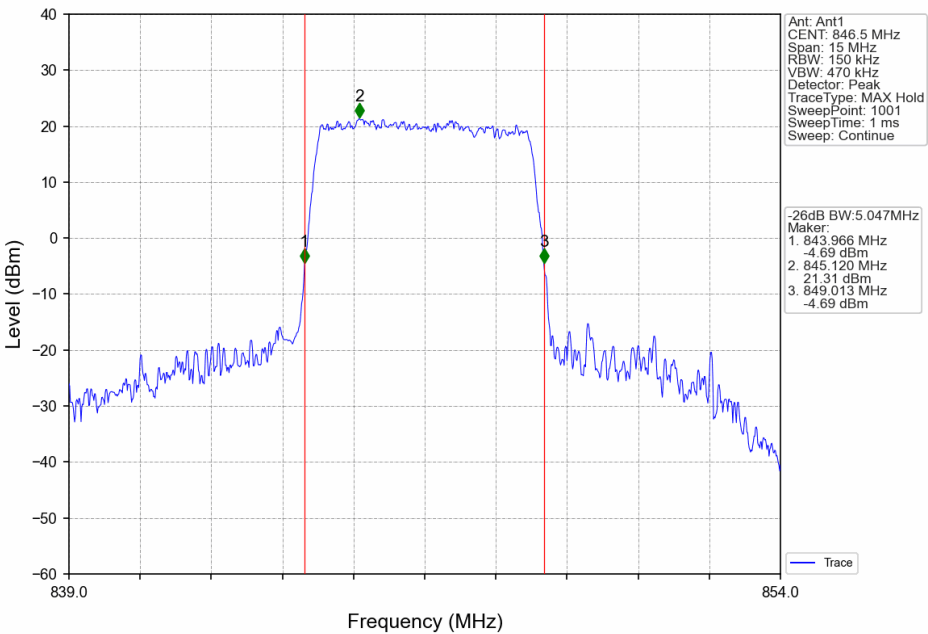
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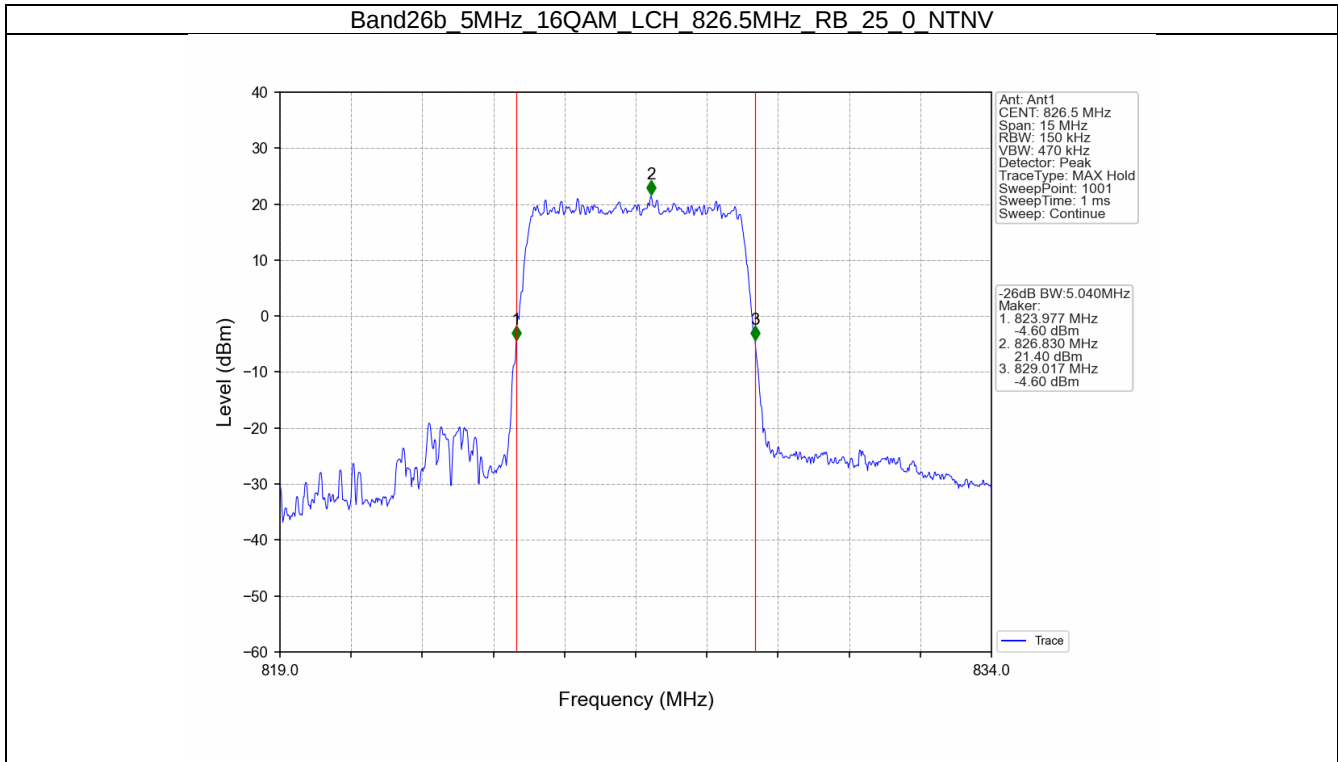


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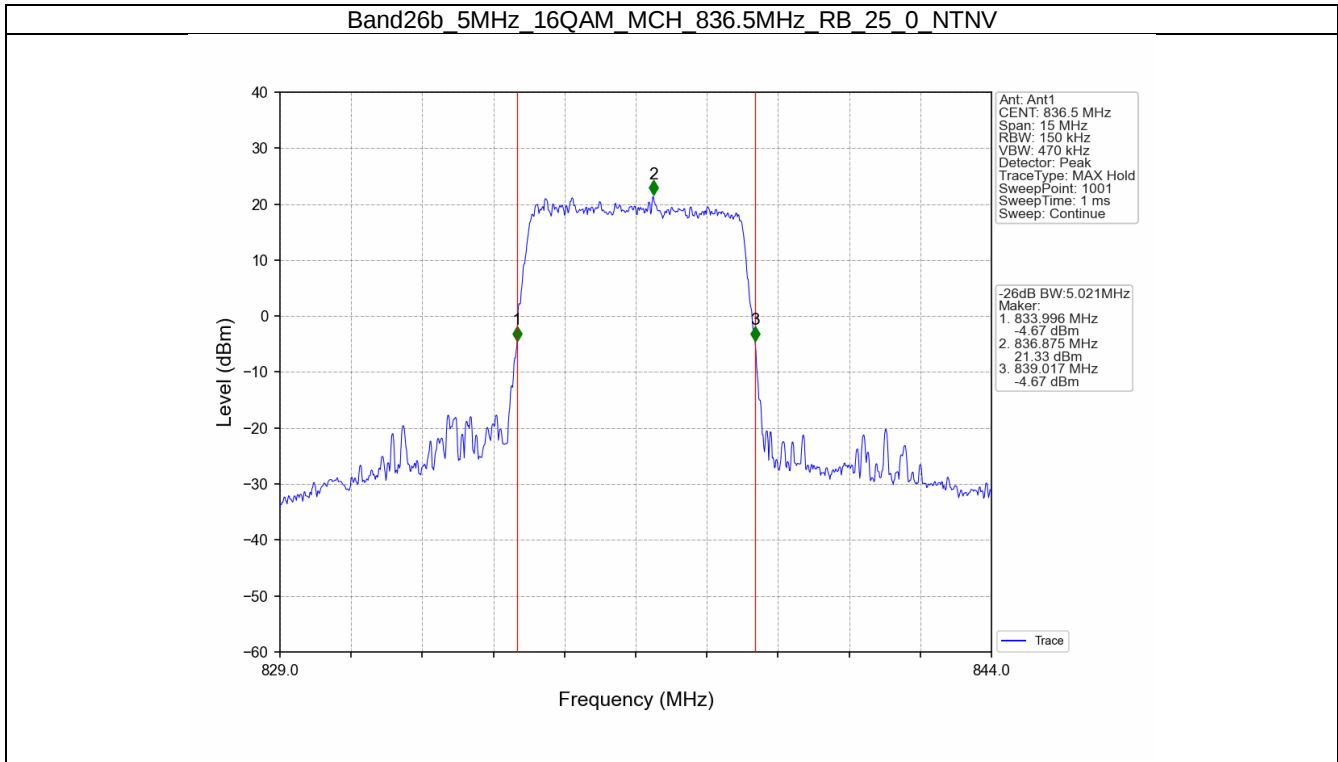


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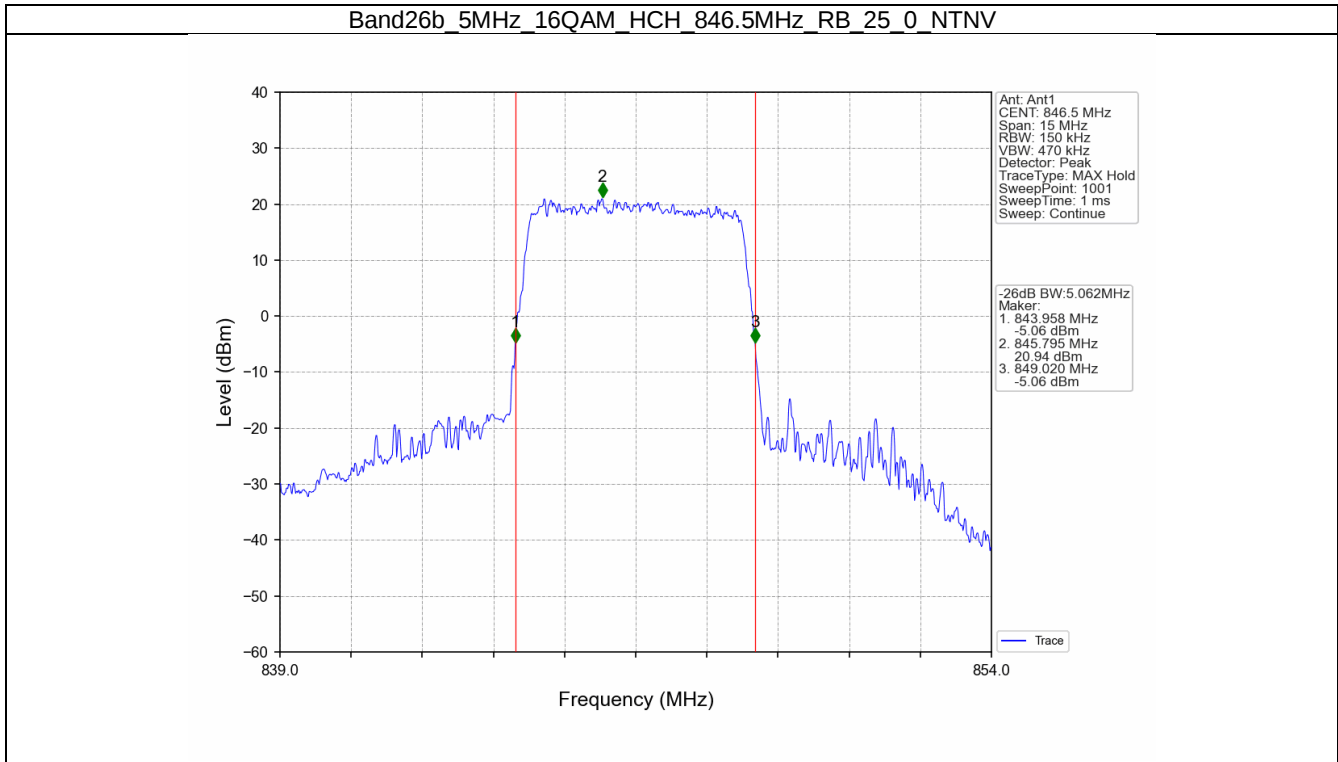


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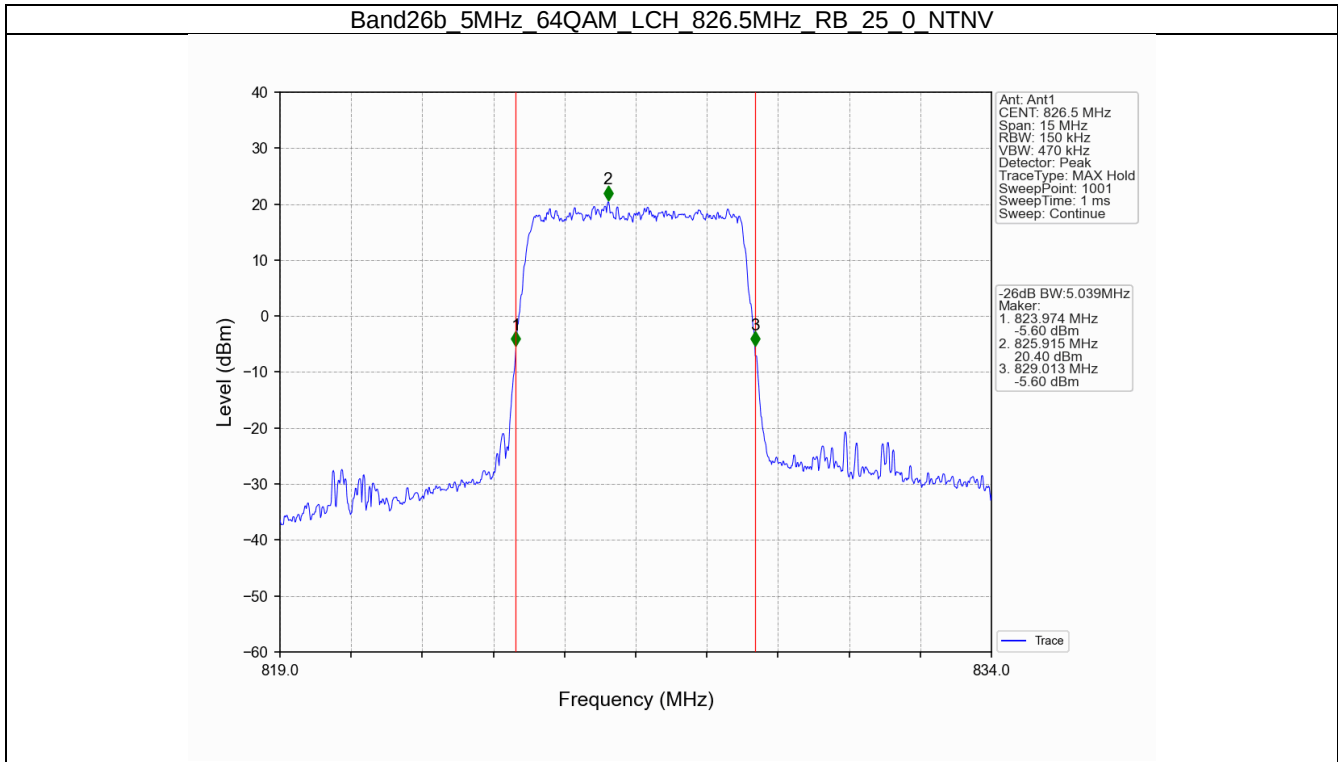


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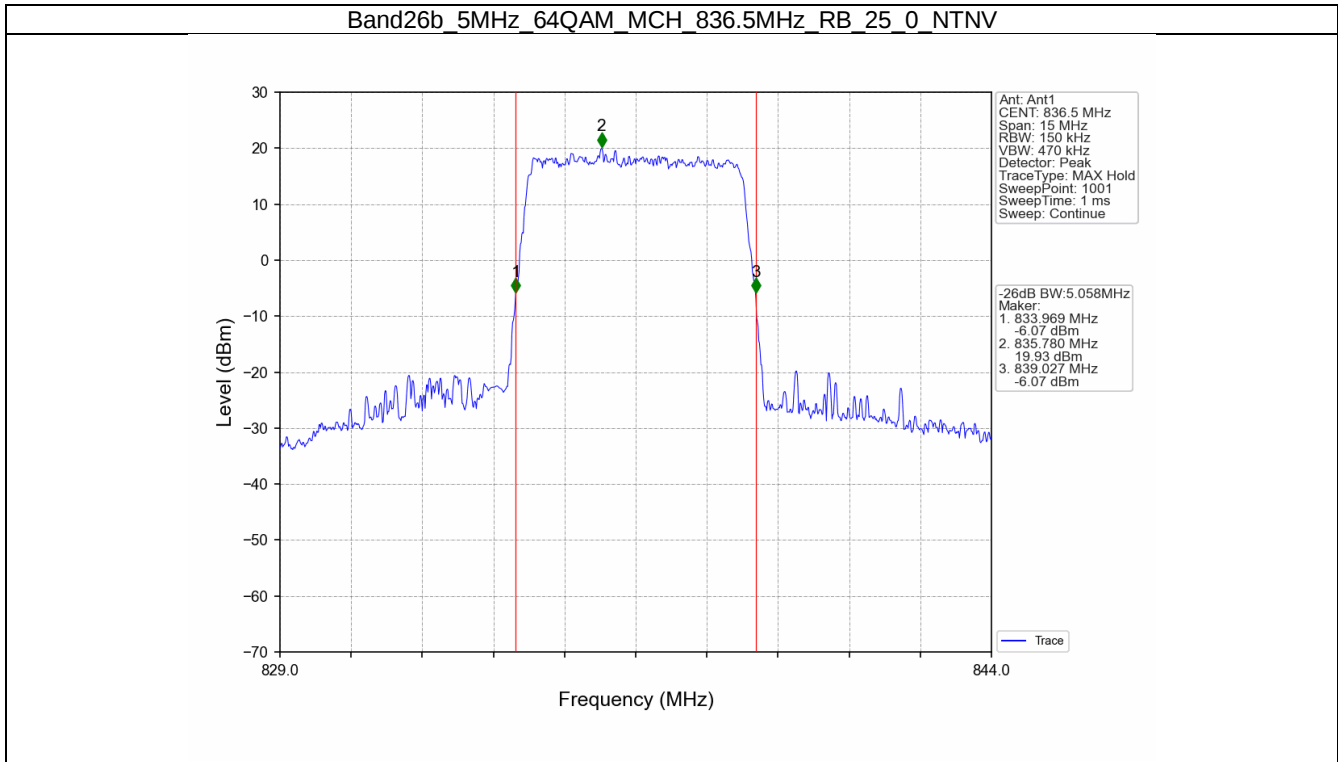


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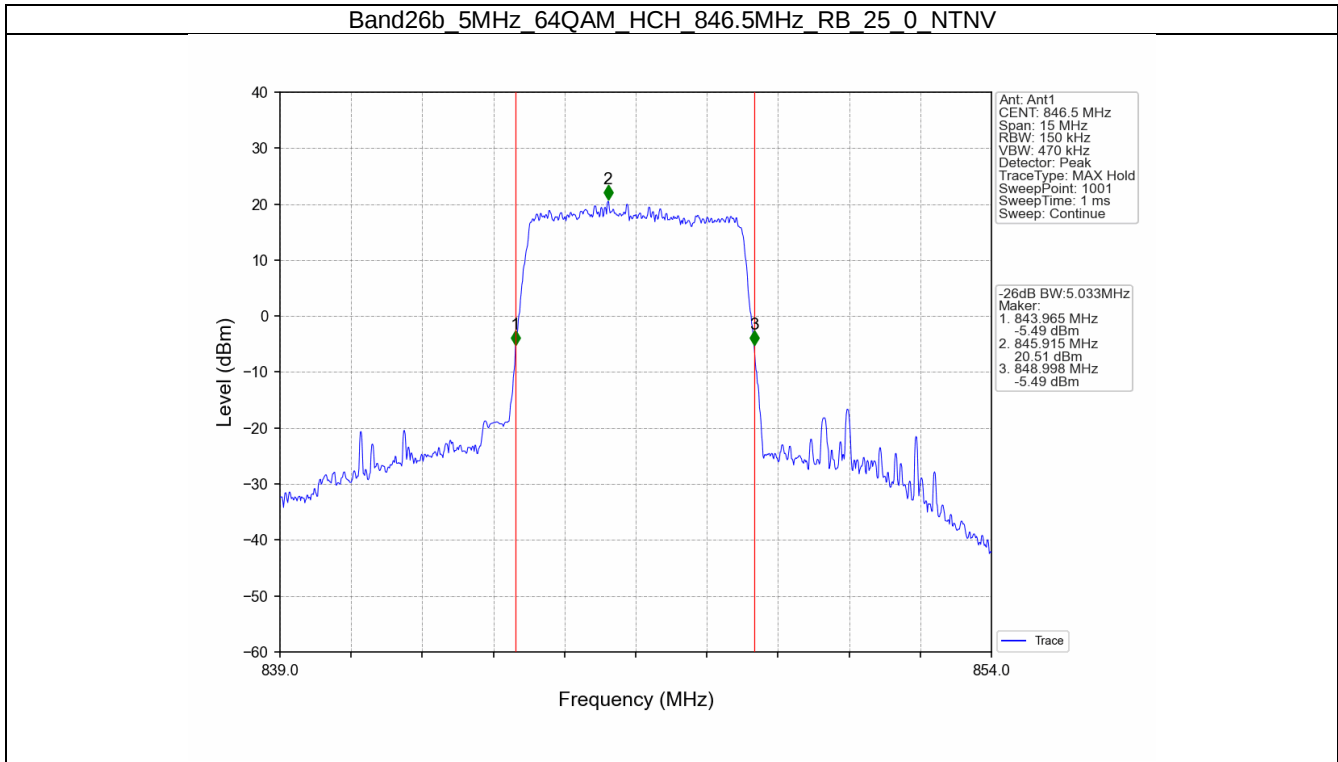


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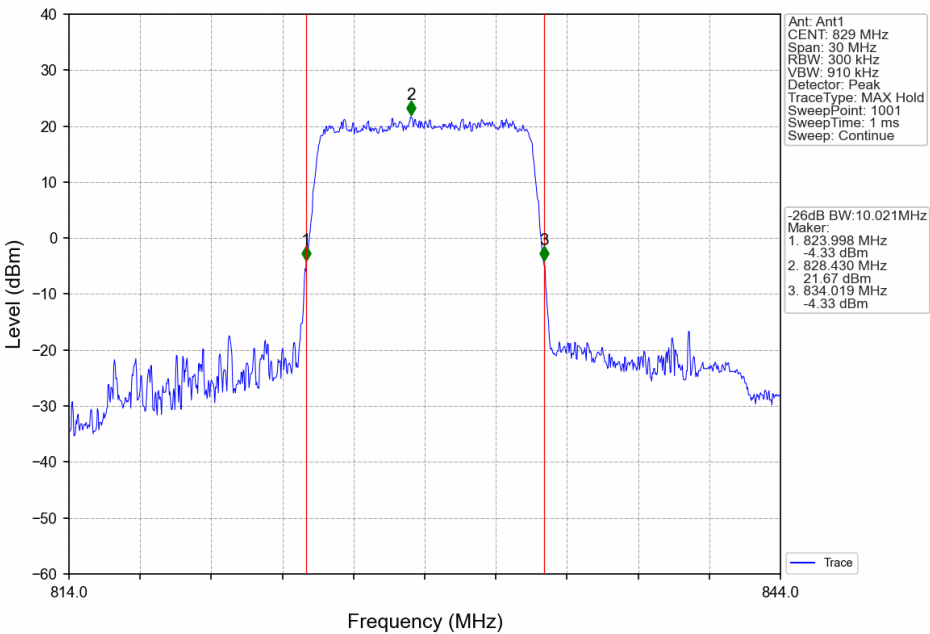
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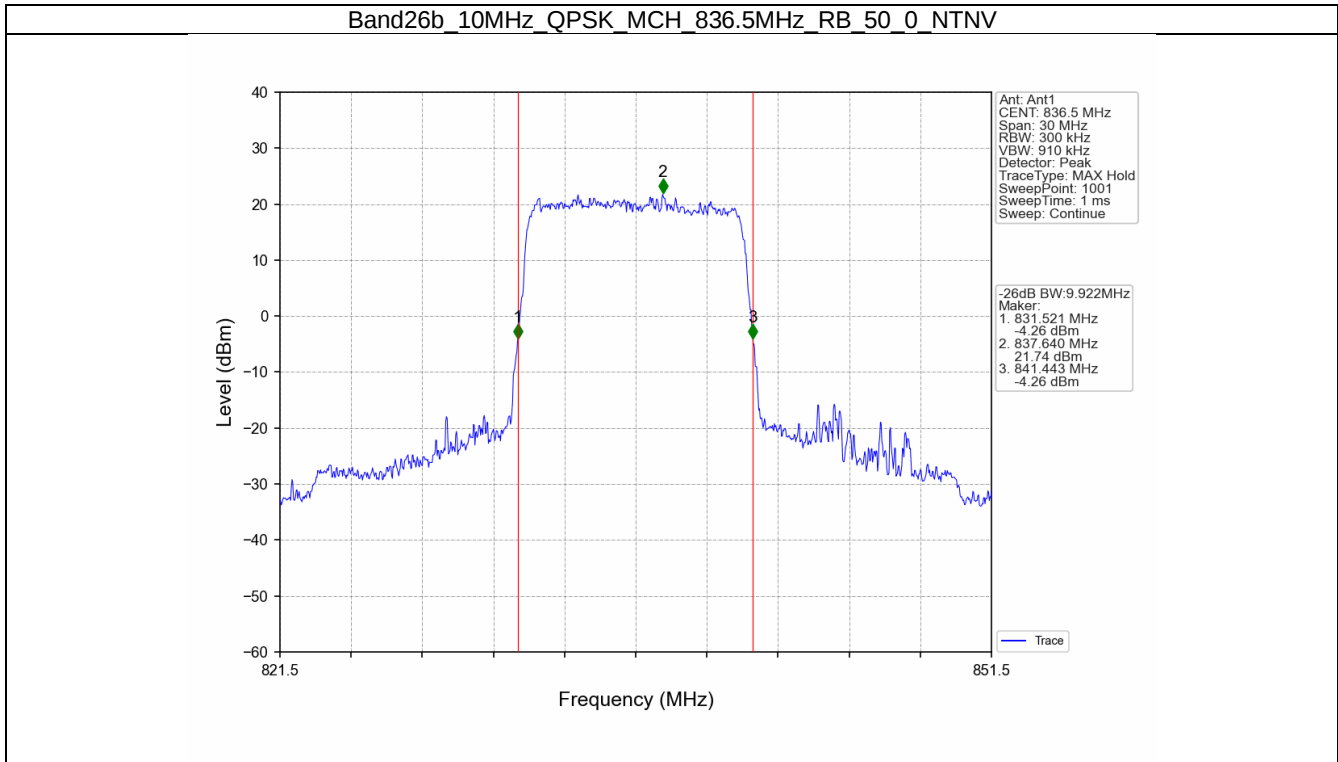


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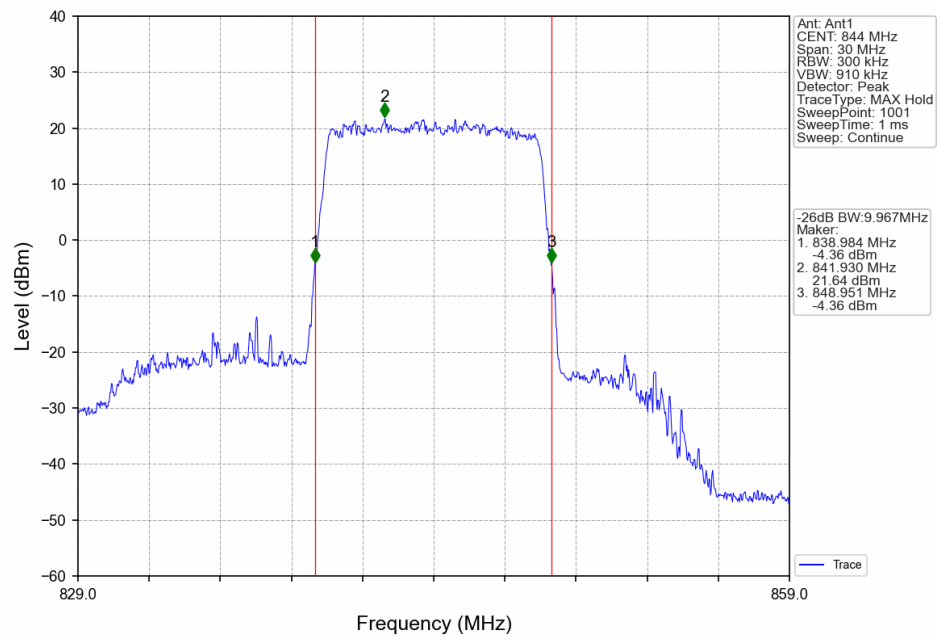
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