Appendix B.15

LTE Band 26(814-824)

1. Frequency Stability

1.1 B26a_1.4MHz

1.1.1 Test Result

Band: 26a / 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	814.7	6	0	20	3.8	5.532	0.0068	-2.5 to 2.5	Pass
					4.0	10.174	0.0125	-2.5 to 2.5	Pass
					4.2	-0.169	-0.0002	-2.5 to 2.5	Pass
				-30	4.0	-2.117	-0.0026	-2.5 to 2.5	Pass
				-20	4.0	-2.837	-0.0035	-2.5 to 2.5	Pass
				-10	4.0	-2.607	-0.0032	-2.5 to 2.5	Pass
				0	4.0	3.017	0.0037	-2.5 to 2.5	Pass
				10	4.0	-2.643	-0.0032	-2.5 to 2.5	Pass
				30	4.0	-2.891	-0.0035	-2.5 to 2.5	Pass
				40	4.0	4.261	0.0052	-2.5 to 2.5	Pass
				50	4.0	-2.622	-0.0032	-2.5 to 2.5	Pass
	819	6	0	20	3.8	-21.242	-0.0259	-2.5 to 2.5	Pass
					4.0	-4.850	-0.0059	-2.5 to 2.5	Pass
					4.2	1.259	0.0015	-2.5 to 2.5	Pass
				-30	4.0	-1.330	-0.0016	-2.5 to 2.5	Pass
				-20	4.0	-0.932	-0.0011	-2.5 to 2.5	Pass
				-10	4.0	-2.291	-0.0028	-2.5 to 2.5	Pass
				0	4.0	0.358	0.0004	-2.5 to 2.5	Pass
				10	4.0	-1.098	-0.0013	-2.5 to 2.5	Pass
				30	4.0	-0.152	-0.0002	-2.5 to 2.5	Pass
				40	4.0	-0.010	0.0000	-2.5 to 2.5	Pass
				50	4.0	0.411	0.0005	-2.5 to 2.5	Pass
	823.3	6	0	20	3.8	-18.947	-0.0230	-2.5 to 2.5	Pass
					4.0	-19.936	-0.0242	-2.5 to 2.5	Pass
					4.2	-13.537	-0.0164	-2.5 to 2.5	Pass
				-30	4.0	-4.751	-0.0058	-2.5 to 2.5	Pass
				-20	4.0	-7.966	-0.0097	-2.5 to 2.5	Pass
				-10	4.0	-0.020	0.0000	-2.5 to 2.5	Pass
				0	4.0	0.206	0.0003	-2.5 to 2.5	Pass
				10	4.0	-1.504	-0.0018	-2.5 to 2.5	Pass
				30	4.0	3.293	0.0040	-2.5 to 2.5	Pass
				40	4.0	0.281	0.0003	-2.5 to 2.5	Pass
				50	4.0	-4.050	-0.0049	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.8	4.303	0.0053	-2.5 to 2.5	Pass
					4.0	0.088	0.0001	-2.5 to 2.5	Pass
					4.2	0.118	0.0001	-2.5 to 2.5	Pass
				-30	4.0	3.699	0.0045	-2.5 to 2.5	Pass
				-20	4.0	1.112	0.0014	-2.5 to 2.5	Pass
				-10	4.0	-1.245	-0.0015	-2.5 to 2.5	Pass
				0	4.0	-3.165	-0.0039	-2.5 to 2.5	Pass
				10	4.0	-0.729	-0.0009	-2.5 to 2.5	Pass
				30	4.0	2.735	0.0034	-2.5 to 2.5	Pass
				40	4.0	2.193	0.0027	-2.5 to 2.5	Pass

				50	4.0	0.316	0.0004	-2.5 to 2.5	Pass
	819	6	0	20	3.8	12.047	0.0147	-2.5 to 2.5	Pass
					4.0	4.754	0.0058	-2.5 to 2.5	Pass
					4.2	-2.161	-0.0026	-2.5 to 2.5	Pass
				-30	4.0	3.044	0.0037	-2.5 to 2.5	Pass
				-20	4.0	-0.951	-0.0012	-2.5 to 2.5	Pass
				-10	4.0	0.643	0.0008	-2.5 to 2.5	Pass
				0	4.0	-0.337	-0.0004	-2.5 to 2.5	Pass
				10	4.0	-0.042	-0.0001	-2.5 to 2.5	Pass
				30	4.0	-1.879	-0.0023	-2.5 to 2.5	Pass
				40	4.0	2.417	0.0030	-2.5 to 2.5	Pass
				50	4.0	1.761	0.0022	-2.5 to 2.5	Pass
	823.3	6	0	20	3.8	-21.559	-0.0262	-2.5 to 2.5	Pass
					4.0	-21.344	-0.0259	-2.5 to 2.5	Pass
					4.2	-14.770	-0.0179	-2.5 to 2.5	Pass
				-30	4.0	-4.958	-0.0060	-2.5 to 2.5	Pass
				-20	4.0	-4.584	-0.0056	-2.5 to 2.5	Pass
				-10	4.0	-4.718	-0.0057	-2.5 to 2.5	Pass
				0	4.0	2.236	0.0027	-2.5 to 2.5	Pass
				10	4.0	0.084	0.0001	-2.5 to 2.5	Pass
				30	4.0	-2.874	-0.0035	-2.5 to 2.5	Pass
				40	4.0	-3.135	-0.0038	-2.5 to 2.5	Pass
				50	4.0	-2.347	-0.0029	-2.5 to 2.5	Pass
64QAM	814.7	6	0	20	3.8	-21.199	-0.0260	-2.5 to 2.5	Pass
					4.0	-5.310	-0.0065	-2.5 to 2.5	Pass
					4.2	2.557	0.0031	-2.5 to 2.5	Pass
				-30	4.0	1.286	0.0016	-2.5 to 2.5	Pass
				-20	4.0	3.013	0.0037	-2.5 to 2.5	Pass
				-10	4.0	4.448	0.0055	-2.5 to 2.5	Pass
				0	4.0	-2.265	-0.0028	-2.5 to 2.5	Pass
				10	4.0	-1.618	-0.0020	-2.5 to 2.5	Pass
				30	4.0	1.893	0.0023	-2.5 to 2.5	Pass
				40	4.0	-2.543	-0.0031	-2.5 to 2.5	Pass
				50	4.0	-1.807	-0.0022	-2.5 to 2.5	Pass
	819	6	0	20	3.8	-25.421	-0.0310	-2.5 to 2.5	Pass
					4.0	-21.242	-0.0259	-2.5 to 2.5	Pass
					4.2	-11.312	-0.0138	-2.5 to 2.5	Pass
				-30	4.0	-2.031	-0.0025	-2.5 to 2.5	Pass
				-20	4.0	-2.428	-0.0030	-2.5 to 2.5	Pass
				-10	4.0	0.528	0.0006	-2.5 to 2.5	Pass
				0	4.0	-1.644	-0.0020	-2.5 to 2.5	Pass
				10	4.0	-2.310	-0.0028	-2.5 to 2.5	Pass
				30	4.0	-2.774	-0.0034	-2.5 to 2.5	Pass
				40	4.0	1.289	0.0016	-2.5 to 2.5	Pass
				50	4.0	-3.768	-0.0046	-2.5 to 2.5	Pass
	823.3	6	0	20	3.8	-17.872	-0.0217	-2.5 to 2.5	Pass
					4.0	-19.036	-0.0231	-2.5 to 2.5	Pass
					4.2	-13.266	-0.0161	-2.5 to 2.5	Pass
				-30	4.0	-2.545	-0.0031	-2.5 to 2.5	Pass
				-20	4.0	-5.829	-0.0071	-2.5 to 2.5	Pass
				-10	4.0	-1.464	-0.0018	-2.5 to 2.5	Pass
				0	4.0	1.079	0.0013	-2.5 to 2.5	Pass
				10	4.0	1.959	0.0024	-2.5 to 2.5	Pass
				30	4.0	1.792	0.0022	-2.5 to 2.5	Pass

				40	4.0	-3.261	-0.0040	-2.5 to 2.5	Pass
				50	4.0	-2.956	-0.0036	-2.5 to 2.5	Pass

1.2 B26a_3MHz

1.2.1 Test Result

Band: 26a / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	3.8	3.597	0.0044	-2.5 to 2.5	Pass
					4.0	-1.045	-0.0013	-2.5 to 2.5	Pass
					4.2	-0.932	-0.0011	-2.5 to 2.5	Pass
				-30	4.0	-2.132	-0.0026	-2.5 to 2.5	Pass
				-20	4.0	-3.615	-0.0044	-2.5 to 2.5	Pass
				-10	4.0	4.029	0.0049	-2.5 to 2.5	Pass
				0	4.0	-1.780	-0.0022	-2.5 to 2.5	Pass
				10	4.0	0.436	0.0005	-2.5 to 2.5	Pass
				30	4.0	-3.351	-0.0041	-2.5 to 2.5	Pass
				40	4.0	-0.121	-0.0001	-2.5 to 2.5	Pass
				50	4.0	-1.129	-0.0014	-2.5 to 2.5	Pass
	819	15	0	20	3.8	-3.046	-0.0037	-2.5 to 2.5	Pass
					4.0	3.526	0.0043	-2.5 to 2.5	Pass
					4.2	0.976	0.0012	-2.5 to 2.5	Pass
				-30	4.0	-5.800	-0.0071	-2.5 to 2.5	Pass
				-20	4.0	-2.406	-0.0029	-2.5 to 2.5	Pass
				-10	4.0	3.482	0.0043	-2.5 to 2.5	Pass
				0	4.0	-1.242	-0.0015	-2.5 to 2.5	Pass
				10	4.0	1.307	0.0016	-2.5 to 2.5	Pass
				30	4.0	-2.560	-0.0031	-2.5 to 2.5	Pass
				40	4.0	0.081	0.0001	-2.5 to 2.5	Pass
				50	4.0	-2.346	-0.0029	-2.5 to 2.5	Pass
	822.5	15	0	20	3.8	1.583	0.0019	-2.5 to 2.5	Pass
					4.0	-0.753	-0.0009	-2.5 to 2.5	Pass
					4.2	4.585	0.0056	-2.5 to 2.5	Pass
				-30	4.0	0.102	0.0001	-2.5 to 2.5	Pass
				-20	4.0	2.003	0.0024	-2.5 to 2.5	Pass
				-10	4.0	2.641	0.0032	-2.5 to 2.5	Pass
				0	4.0	3.678	0.0045	-2.5 to 2.5	Pass
				10	4.0	3.154	0.0038	-2.5 to 2.5	Pass
				30	4.0	-2.081	-0.0025	-2.5 to 2.5	Pass
				40	4.0	2.218	0.0027	-2.5 to 2.5	Pass
				50	4.0	3.509	0.0043	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.8	2.578	0.0032	-2.5 to 2.5	Pass
					4.0	5.570	0.0068	-2.5 to 2.5	Pass
					4.2	4.183	0.0051	-2.5 to 2.5	Pass
				-30	4.0	-1.655	-0.0020	-2.5 to 2.5	Pass
				-20	4.0	1.541	0.0019	-2.5 to 2.5	Pass
				-10	4.0	2.900	0.0036	-2.5 to 2.5	Pass
				0	4.0	5.187	0.0064	-2.5 to 2.5	Pass
				10	4.0	-0.495	-0.0006	-2.5 to 2.5	Pass
				30	4.0	-1.674	-0.0021	-2.5 to 2.5	Pass
				40	4.0	-0.867	-0.0011	-2.5 to 2.5	Pass
				50	4.0	0.142	0.0002	-2.5 to 2.5	Pass
	819	15	0	20	3.8	1.159	0.0014	-2.5 to 2.5	Pass
					4.0	-2.530	-0.0031	-2.5 to 2.5	Pass

					4.2	1.394	0.0017	-2.5 to 2.5	Pass
				-30	4.0	3.167	0.0039	-2.5 to 2.5	Pass
				-20	4.0	2.179	0.0027	-2.5 to 2.5	Pass
				-10	4.0	1.024	0.0013	-2.5 to 2.5	Pass
				0	4.0	-2.412	-0.0029	-2.5 to 2.5	Pass
				10	4.0	3.410	0.0042	-2.5 to 2.5	Pass
				30	4.0	3.208	0.0039	-2.5 to 2.5	Pass
				40	4.0	1.230	0.0015	-2.5 to 2.5	Pass
				50	4.0	0.285	0.0003	-2.5 to 2.5	Pass
	822.5	15	0	20	3.8	-0.725	-0.0009	-2.5 to 2.5	Pass
					4.0	3.902	0.0047	-2.5 to 2.5	Pass
					4.2	-0.276	-0.0003	-2.5 to 2.5	Pass
				-30	4.0	-1.072	-0.0013	-2.5 to 2.5	Pass
				-20	4.0	4.966	0.0060	-2.5 to 2.5	Pass
				-10	4.0	5.014	0.0061	-2.5 to 2.5	Pass
				0	4.0	4.231	0.0051	-2.5 to 2.5	Pass
				10	4.0	3.729	0.0045	-2.5 to 2.5	Pass
				30	4.0	0.031	0.0000	-2.5 to 2.5	Pass
				40	4.0	-2.279	-0.0028	-2.5 to 2.5	Pass
				50	4.0	3.502	0.0043	-2.5 to 2.5	Pass
64QAM	815.5	15	0	20	3.8	1.269	0.0016	-2.5 to 2.5	Pass
					4.0	1.233	0.0015	-2.5 to 2.5	Pass
					4.2	4.669	0.0057	-2.5 to 2.5	Pass
				-30	4.0	1.133	0.0014	-2.5 to 2.5	Pass
				-20	4.0	2.200	0.0027	-2.5 to 2.5	Pass
				-10	4.0	2.978	0.0037	-2.5 to 2.5	Pass
				0	4.0	3.795	0.0047	-2.5 to 2.5	Pass
				10	4.0	0.825	0.0010	-2.5 to 2.5	Pass
				30	4.0	-1.754	-0.0022	-2.5 to 2.5	Pass
				40	4.0	-3.102	-0.0038	-2.5 to 2.5	Pass
				50	4.0	3.610	0.0044	-2.5 to 2.5	Pass
	819	15	0	20	3.8	0.914	0.0011	-2.5 to 2.5	Pass
					4.0	0.826	0.0010	-2.5 to 2.5	Pass
					4.2	-1.319	-0.0016	-2.5 to 2.5	Pass
				-30	4.0	-2.210	-0.0027	-2.5 to 2.5	Pass
				-20	4.0	-3.736	-0.0046	-2.5 to 2.5	Pass
				-10	4.0	-4.773	-0.0058	-2.5 to 2.5	Pass
				0	4.0	-5.432	-0.0066	-2.5 to 2.5	Pass
				10	4.0	0.566	0.0007	-2.5 to 2.5	Pass
				30	4.0	-2.675	-0.0033	-2.5 to 2.5	Pass
				40	4.0	2.499	0.0031	-2.5 to 2.5	Pass
				50	4.0	0.120	0.0001	-2.5 to 2.5	Pass
	822.5	15	0	20	3.8	1.754	0.0021	-2.5 to 2.5	Pass
					4.0	1.235	0.0015	-2.5 to 2.5	Pass
					4.2	4.992	0.0061	-2.5 to 2.5	Pass
				-30	4.0	2.081	0.0025	-2.5 to 2.5	Pass
				-20	4.0	2.962	0.0036	-2.5 to 2.5	Pass
				-10	4.0	1.773	0.0022	-2.5 to 2.5	Pass
				0	4.0	-0.117	-0.0001	-2.5 to 2.5	Pass
				10	4.0	-1.771	-0.0022	-2.5 to 2.5	Pass
				30	4.0	1.939	0.0024	-2.5 to 2.5	Pass
				40	4.0	1.543	0.0019	-2.5 to 2.5	Pass
				50	4.0	-1.204	-0.0015	-2.5 to 2.5	Pass

1.3 B26a_5MHz

1.3.1 Test Result

Band: 26a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	3.8	-0.606	-0.0007	-2.5 to 2.5	Pass
					4.0	2.081	0.0025	-2.5 to 2.5	Pass
					4.2	0.232	0.0003	-2.5 to 2.5	Pass
				-30	4.0	3.666	0.0045	-2.5 to 2.5	Pass
				-20	4.0	-2.013	-0.0025	-2.5 to 2.5	Pass
				-10	4.0	0.563	0.0007	-2.5 to 2.5	Pass
				0	4.0	-2.272	-0.0028	-2.5 to 2.5	Pass
				10	4.0	4.361	0.0053	-2.5 to 2.5	Pass
				30	4.0	3.489	0.0043	-2.5 to 2.5	Pass
				40	4.0	-1.715	-0.0021	-2.5 to 2.5	Pass
				50	4.0	-1.180	-0.0014	-2.5 to 2.5	Pass
	819	25	0	20	3.8	-3.704	-0.0045	-2.5 to 2.5	Pass
					4.0	-4.009	-0.0049	-2.5 to 2.5	Pass
					4.2	-2.388	-0.0029	-2.5 to 2.5	Pass
				-30	4.0	1.118	0.0014	-2.5 to 2.5	Pass
				-20	4.0	0.766	0.0009	-2.5 to 2.5	Pass
				-10	4.0	-2.625	-0.0032	-2.5 to 2.5	Pass
				0	4.0	1.740	0.0021	-2.5 to 2.5	Pass
				10	4.0	-3.348	-0.0041	-2.5 to 2.5	Pass
				30	4.0	0.927	0.0011	-2.5 to 2.5	Pass
				40	4.0	-5.157	-0.0063	-2.5 to 2.5	Pass
				50	4.0	-0.789	-0.0010	-2.5 to 2.5	Pass
	821.5	25	0	20	3.8	-2.292	-0.0028	-2.5 to 2.5	Pass
					4.0	-1.392	-0.0017	-2.5 to 2.5	Pass
					4.2	-2.035	-0.0025	-2.5 to 2.5	Pass
				-30	4.0	1.964	0.0024	-2.5 to 2.5	Pass
				-20	4.0	-0.385	-0.0005	-2.5 to 2.5	Pass
				-10	4.0	-0.165	-0.0002	-2.5 to 2.5	Pass
				0	4.0	1.193	0.0015	-2.5 to 2.5	Pass
				10	4.0	3.014	0.0037	-2.5 to 2.5	Pass
				30	4.0	1.602	0.0020	-2.5 to 2.5	Pass
				40	4.0	4.213	0.0051	-2.5 to 2.5	Pass
				50	4.0	-1.511	-0.0018	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.8	-1.289	-0.0016	-2.5 to 2.5	Pass
					4.0	2.924	0.0036	-2.5 to 2.5	Pass
					4.2	0.581	0.0007	-2.5 to 2.5	Pass
				-30	4.0	3.904	0.0048	-2.5 to 2.5	Pass
				-20	4.0	-0.135	-0.0002	-2.5 to 2.5	Pass
				-10	4.0	-2.840	-0.0035	-2.5 to 2.5	Pass
				0	4.0	2.120	0.0026	-2.5 to 2.5	Pass
				10	4.0	-2.915	-0.0036	-2.5 to 2.5	Pass
				30	4.0	0.389	0.0005	-2.5 to 2.5	Pass
				40	4.0	-3.522	-0.0043	-2.5 to 2.5	Pass
				50	4.0	1.595	0.0020	-2.5 to 2.5	Pass
	819	25	0	20	3.8	-5.223	-0.0064	-2.5 to 2.5	Pass
					4.0	-1.311	-0.0016	-2.5 to 2.5	Pass

					4.2	-1.228	-0.0015	-2.5 to 2.5	Pass
				-30	4.0	-2.183	-0.0027	-2.5 to 2.5	Pass
				-20	4.0	0.601	0.0007	-2.5 to 2.5	Pass
				-10	4.0	-0.927	-0.0011	-2.5 to 2.5	Pass
				0	4.0	-4.856	-0.0059	-2.5 to 2.5	Pass
				10	4.0	-4.167	-0.0051	-2.5 to 2.5	Pass
				30	4.0	0.463	0.0006	-2.5 to 2.5	Pass
				40	4.0	-1.262	-0.0015	-2.5 to 2.5	Pass
				50	4.0	-2.880	-0.0035	-2.5 to 2.5	Pass
	821.5	25	0	20	3.8	2.118	0.0026	-2.5 to 2.5	Pass
					4.0	3.371	0.0041	-2.5 to 2.5	Pass
					4.2	3.051	0.0037	-2.5 to 2.5	Pass
				-30	4.0	0.863	0.0011	-2.5 to 2.5	Pass
				-20	4.0	-1.191	-0.0014	-2.5 to 2.5	Pass
				-10	4.0	-3.145	-0.0038	-2.5 to 2.5	Pass
				0	4.0	2.046	0.0025	-2.5 to 2.5	Pass
				10	4.0	1.429	0.0017	-2.5 to 2.5	Pass
				30	4.0	0.735	0.0009	-2.5 to 2.5	Pass
				40	4.0	-0.589	-0.0007	-2.5 to 2.5	Pass
				50	4.0	-1.565	-0.0019	-2.5 to 2.5	Pass
64QAM	816.5	25	0	20	3.8	-0.613	-0.0008	-2.5 to 2.5	Pass
					4.0	-1.738	-0.0021	-2.5 to 2.5	Pass
					4.2	-2.149	-0.0026	-2.5 to 2.5	Pass
				-30	4.0	-2.589	-0.0032	-2.5 to 2.5	Pass
				-20	4.0	2.888	0.0035	-2.5 to 2.5	Pass
				-10	4.0	2.280	0.0028	-2.5 to 2.5	Pass
				0	4.0	2.323	0.0028	-2.5 to 2.5	Pass
				10	4.0	-1.743	-0.0021	-2.5 to 2.5	Pass
				30	4.0	-3.335	-0.0041	-2.5 to 2.5	Pass
				40	4.0	2.085	0.0026	-2.5 to 2.5	Pass
				50	4.0	0.008	0.0000	-2.5 to 2.5	Pass
	819	25	0	20	3.8	1.310	0.0016	-2.5 to 2.5	Pass
					4.0	-3.282	-0.0040	-2.5 to 2.5	Pass
					4.2	-3.926	-0.0048	-2.5 to 2.5	Pass
				-30	4.0	-4.680	-0.0057	-2.5 to 2.5	Pass
				-20	4.0	2.315	0.0028	-2.5 to 2.5	Pass
				-10	4.0	-1.642	-0.0020	-2.5 to 2.5	Pass
				0	4.0	-0.886	-0.0011	-2.5 to 2.5	Pass
				10	4.0	4.402	0.0054	-2.5 to 2.5	Pass
				30	4.0	-1.532	-0.0019	-2.5 to 2.5	Pass
				40	4.0	2.599	0.0032	-2.5 to 2.5	Pass
				50	4.0	-2.471	-0.0030	-2.5 to 2.5	Pass
	821.5	25	0	20	3.8	-2.829	-0.0034	-2.5 to 2.5	Pass
					4.0	-1.875	-0.0023	-2.5 to 2.5	Pass
					4.2	0.642	0.0008	-2.5 to 2.5	Pass
				-30	4.0	1.030	0.0013	-2.5 to 2.5	Pass
				-20	4.0	-0.928	-0.0011	-2.5 to 2.5	Pass
				-10	4.0	-3.266	-0.0040	-2.5 to 2.5	Pass
				0	4.0	0.614	0.0007	-2.5 to 2.5	Pass
				10	4.0	1.293	0.0016	-2.5 to 2.5	Pass
				30	4.0	2.450	0.0030	-2.5 to 2.5	Pass
				40	4.0	-0.427	-0.0005	-2.5 to 2.5	Pass
				50	4.0	-0.982	-0.0012	-2.5 to 2.5	Pass

1.4 B26a_10MHz

1.4.1 Test Result

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.8	1.083	0.0013	-2.5 to 2.5	Pass
					4.0	-4.326	-0.0053	-2.5 to 2.5	Pass
					4.2	-4.442	-0.0054	-2.5 to 2.5	Pass
				-30	4.0	-6.921	-0.0085	-2.5 to 2.5	Pass
				-20	4.0	-5.007	-0.0061	-2.5 to 2.5	Pass
				-10	4.0	-5.917	-0.0072	-2.5 to 2.5	Pass
				0	4.0	-1.265	-0.0015	-2.5 to 2.5	Pass
				10	4.0	-3.818	-0.0047	-2.5 to 2.5	Pass
				30	4.0	-4.910	-0.0060	-2.5 to 2.5	Pass
				40	4.0	-0.046	-0.0001	-2.5 to 2.5	Pass
				50	4.0	-0.868	-0.0011	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.8	1.362	0.0017	-2.5 to 2.5	Pass
					4.0	-4.059	-0.0050	-2.5 to 2.5	Pass
					4.2	-0.901	-0.0011	-2.5 to 2.5	Pass
				-30	4.0	-2.078	-0.0025	-2.5 to 2.5	Pass
				-20	4.0	1.742	0.0021	-2.5 to 2.5	Pass
				-10	4.0	0.902	0.0011	-2.5 to 2.5	Pass
				0	4.0	2.482	0.0030	-2.5 to 2.5	Pass
				10	4.0	-4.787	-0.0058	-2.5 to 2.5	Pass
				30	4.0	-2.821	-0.0034	-2.5 to 2.5	Pass
				40	4.0	-4.241	-0.0052	-2.5 to 2.5	Pass
				50	4.0	-1.054	-0.0013	-2.5 to 2.5	Pass
64QAM	819	50	0	20	3.8	4.881	0.0060	-2.5 to 2.5	Pass
					4.0	-6.188	-0.0076	-2.5 to 2.5	Pass
					4.2	0.965	0.0012	-2.5 to 2.5	Pass
				-30	4.0	-4.354	-0.0053	-2.5 to 2.5	Pass
				-20	4.0	-2.536	-0.0031	-2.5 to 2.5	Pass
				-10	4.0	0.107	0.0001	-2.5 to 2.5	Pass
				0	4.0	1.270	0.0016	-2.5 to 2.5	Pass
				10	4.0	-3.895	-0.0048	-2.5 to 2.5	Pass
				30	4.0	-3.249	-0.0040	-2.5 to 2.5	Pass
				40	4.0	-2.707	-0.0033	-2.5 to 2.5	Pass
				50	4.0	-0.278	-0.0003	-2.5 to 2.5	Pass

2. 99% & 26dB Bandwidth

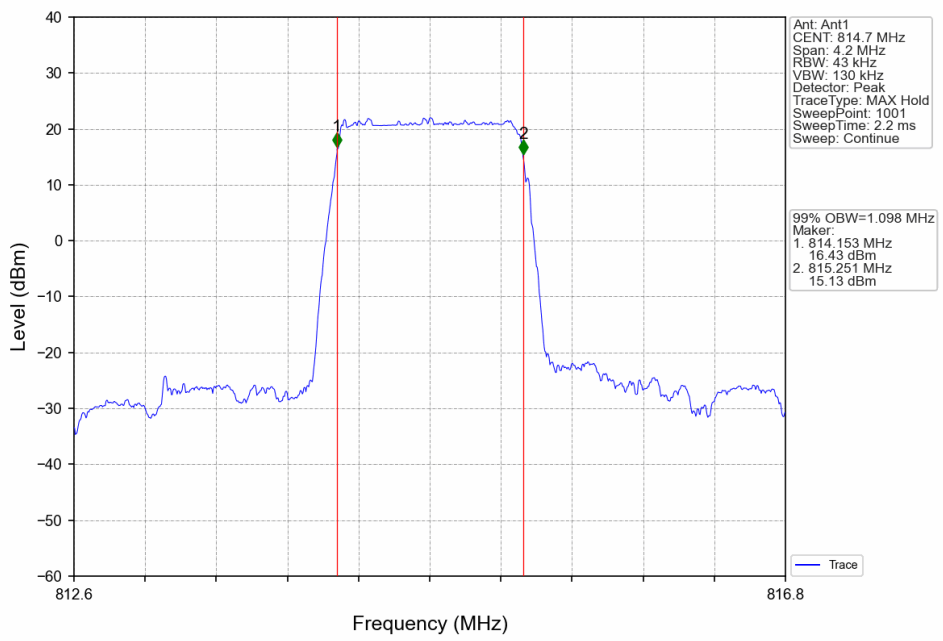
2.1 Band26a_OBW

2.1.1 Test Result

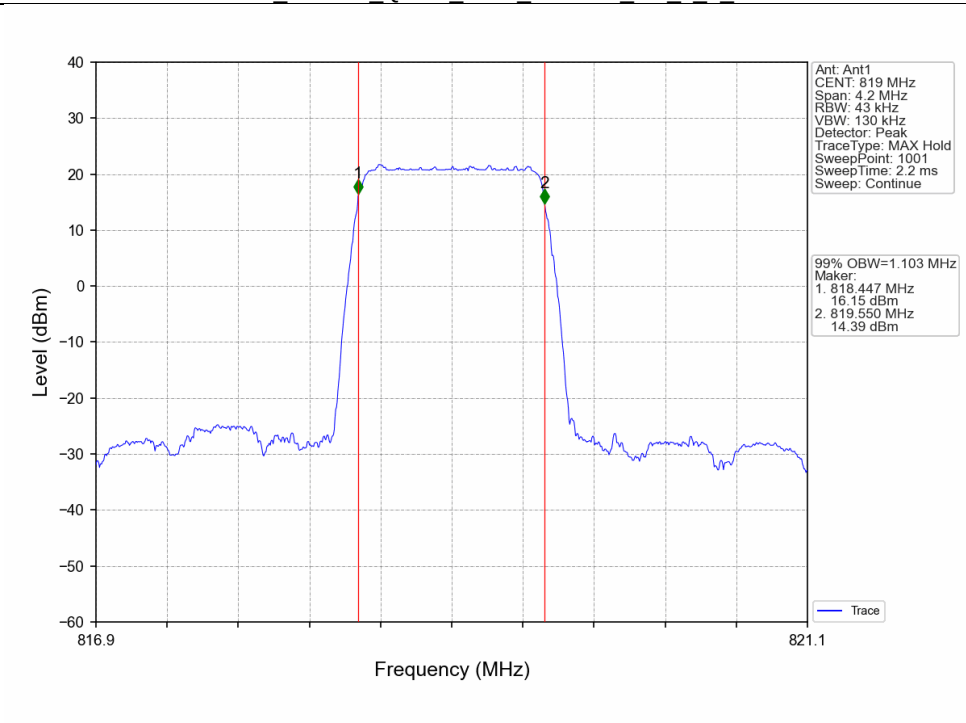
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.098	/	Pass
		819	6	0	1.103	/	Pass
		823.3	6	0	1.109	/	Pass
	16QAM	814.7	6	0	1.108	/	Pass
		819	6	0	1.101	/	Pass
		823.3	6	0	1.104	/	Pass
	64QAM	814.7	6	0	1.111	/	Pass
		819	6	0	1.107	/	Pass
		823.3	6	0	1.106	/	Pass
3	QPSK	815.5	15	0	2.737	/	Pass
		819	15	0	2.738	/	Pass
		822.5	15	0	2.736	/	Pass
	16QAM	815.5	15	0	2.738	/	Pass
		819	15	0	2.723	/	Pass
		822.5	15	0	2.742	/	Pass
	64QAM	815.5	15	0	2.731	/	Pass
		819	15	0	2.733	/	Pass
		822.5	15	0	2.733	/	Pass
5	QPSK	816.5	25	0	4.547	/	Pass
		819	25	0	4.556	/	Pass
		821.5	25	0	4.542	/	Pass
	16QAM	816.5	25	0	4.549	/	Pass
		819	25	0	4.547	/	Pass
		821.5	25	0	4.535	/	Pass
	64QAM	816.5	25	0	4.552	/	Pass
		819	25	0	4.556	/	Pass
		821.5	25	0	4.548	/	Pass
10	QPSK	819	50	0	8.999	/	Pass
	16QAM	819	50	0	9.038	/	Pass
	64QAM	819	50	0	9.057	/	Pass

2.1.2 Test Graph

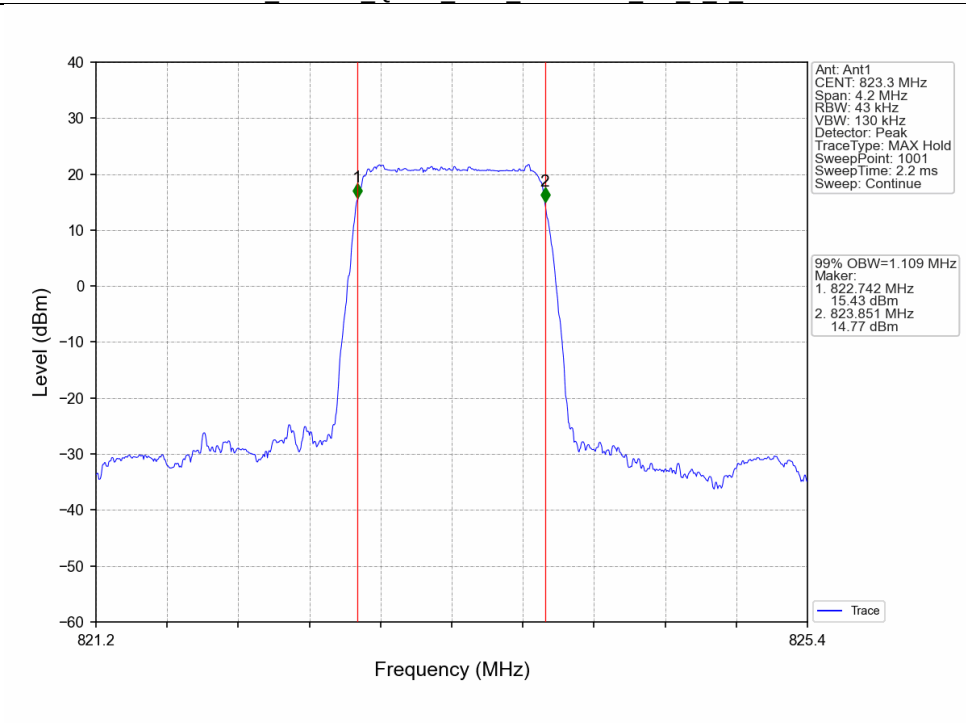
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



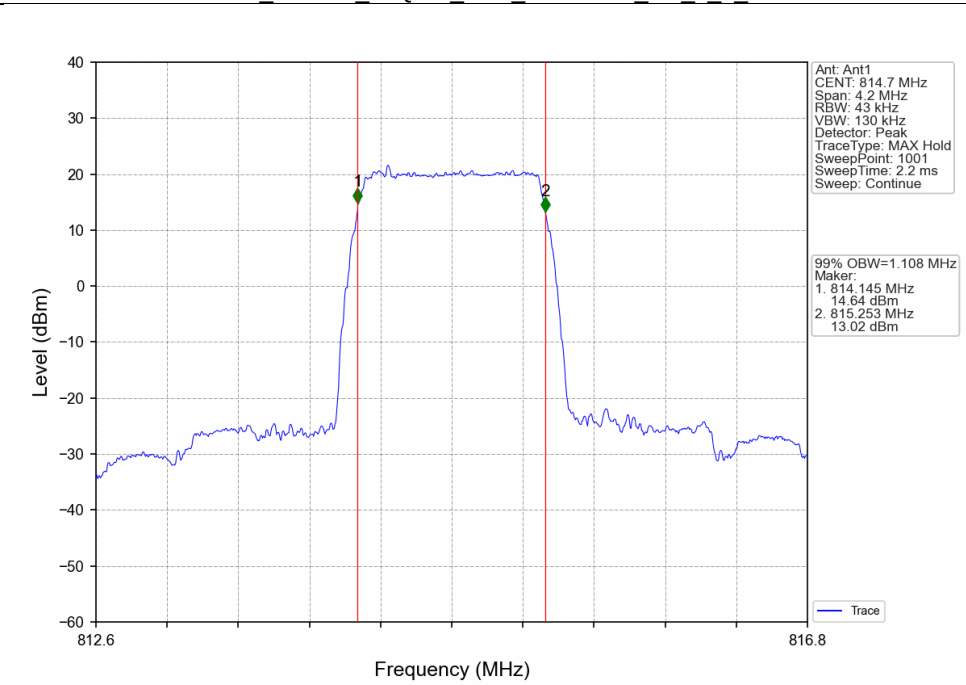
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



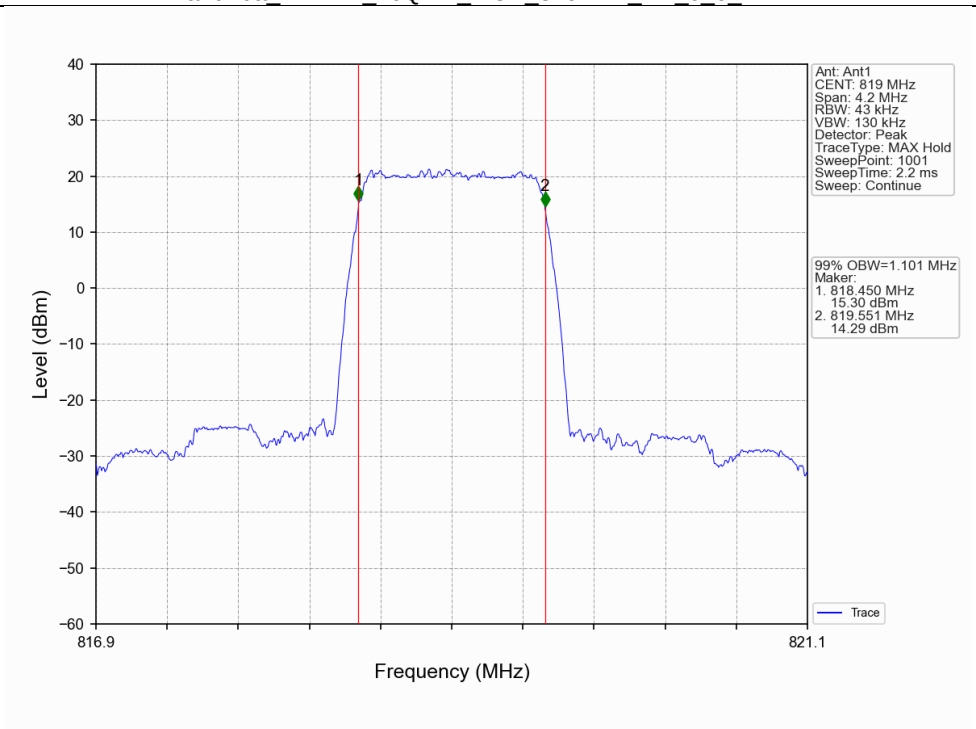
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



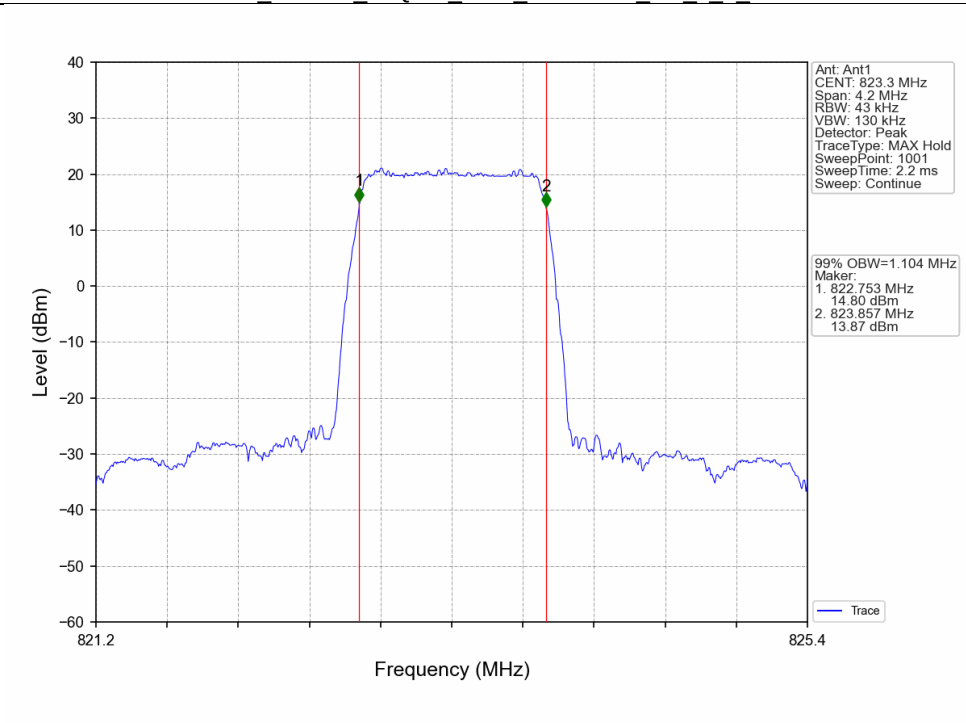
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



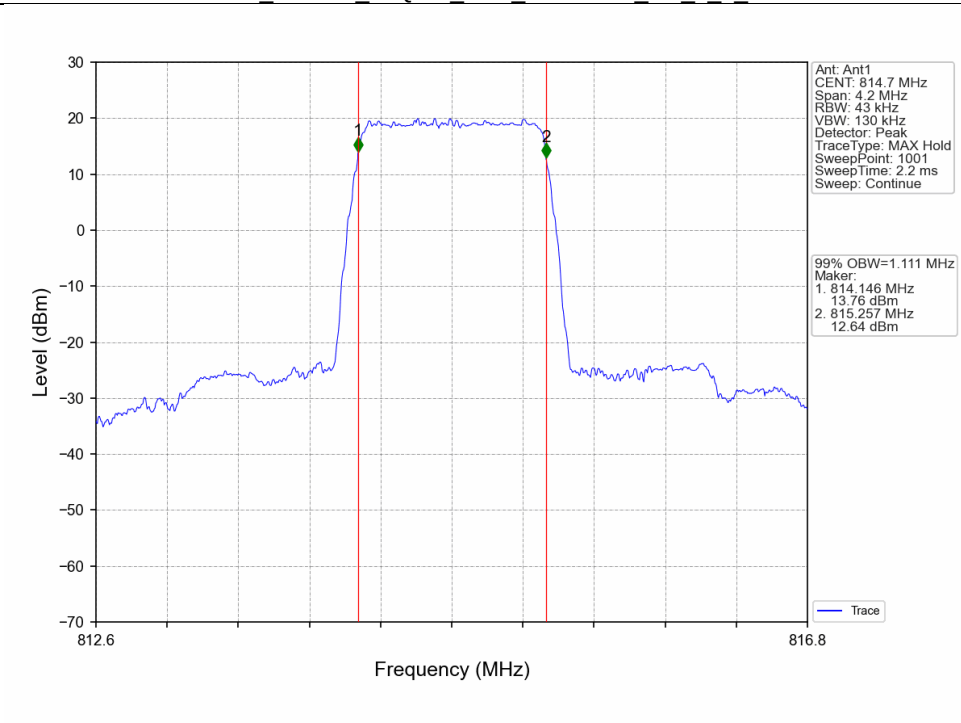
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



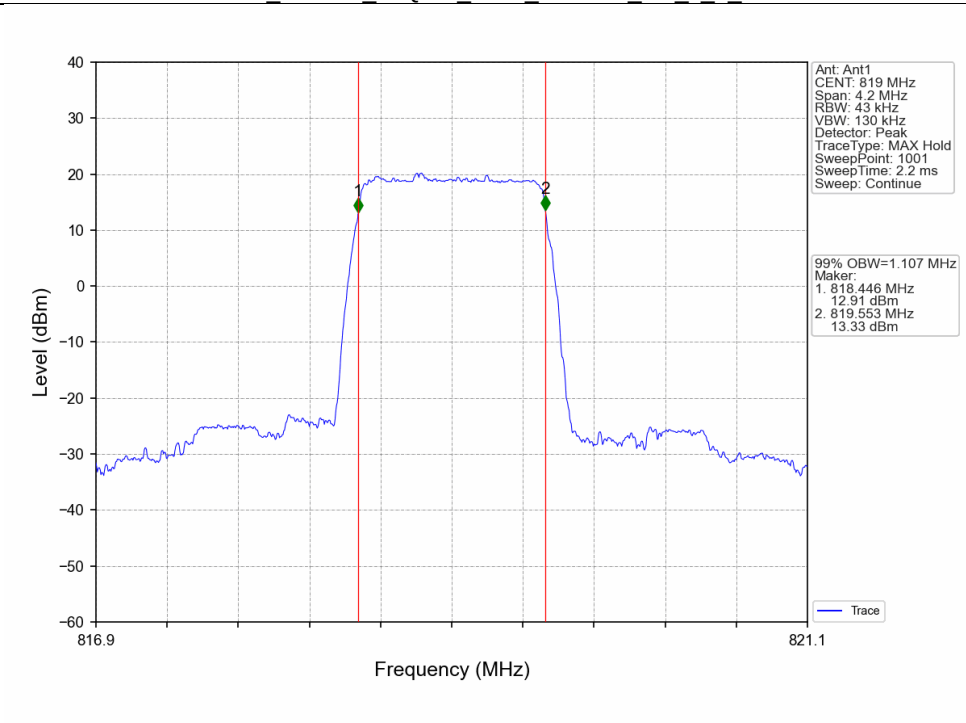
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



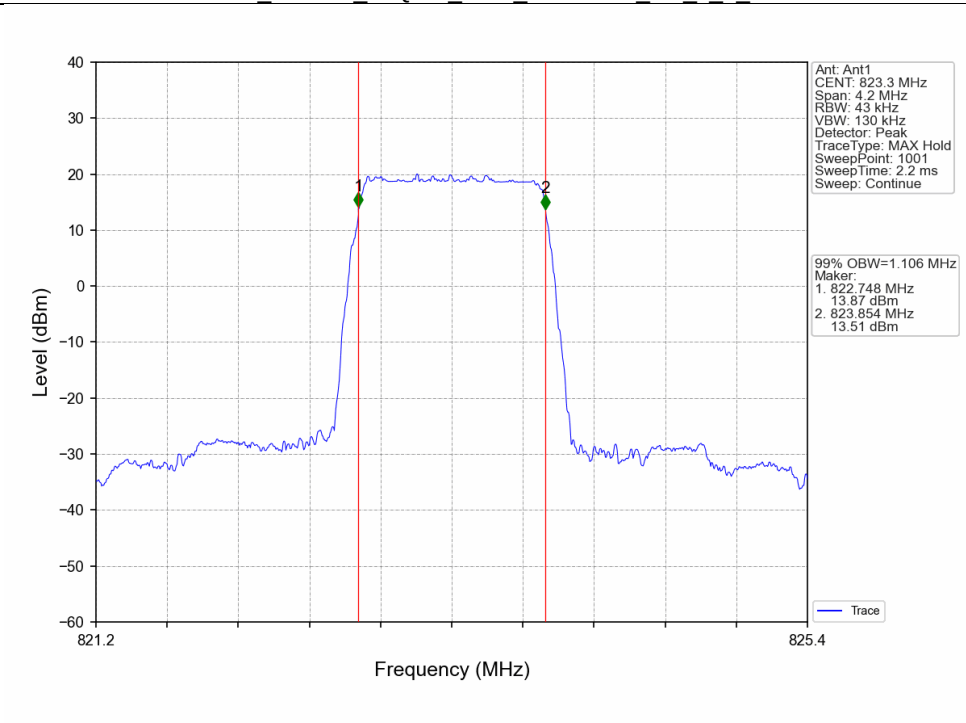
Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



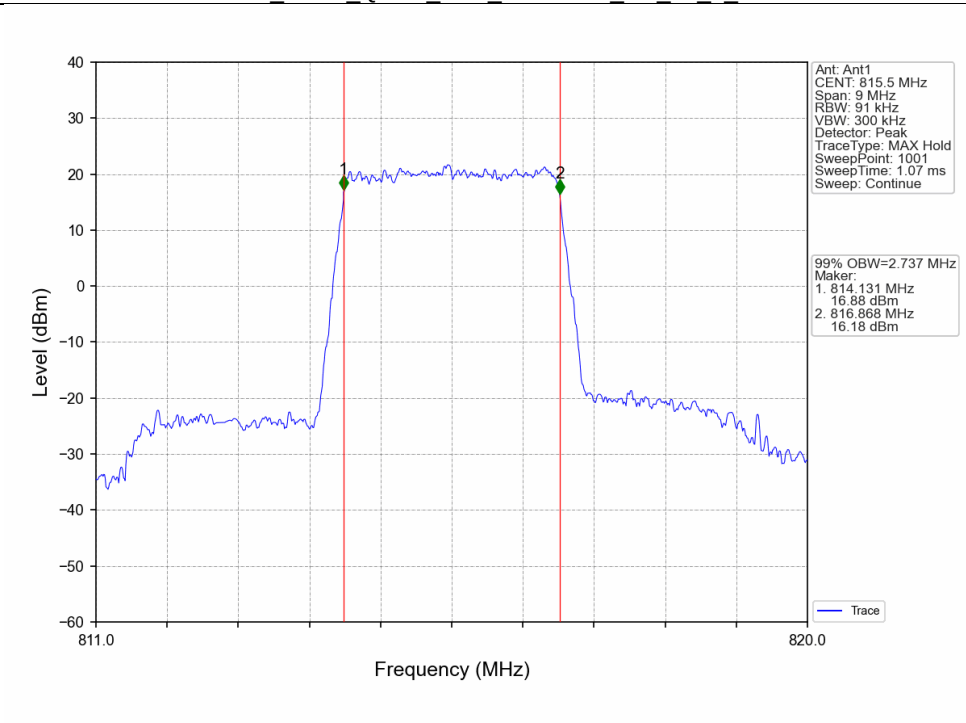
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



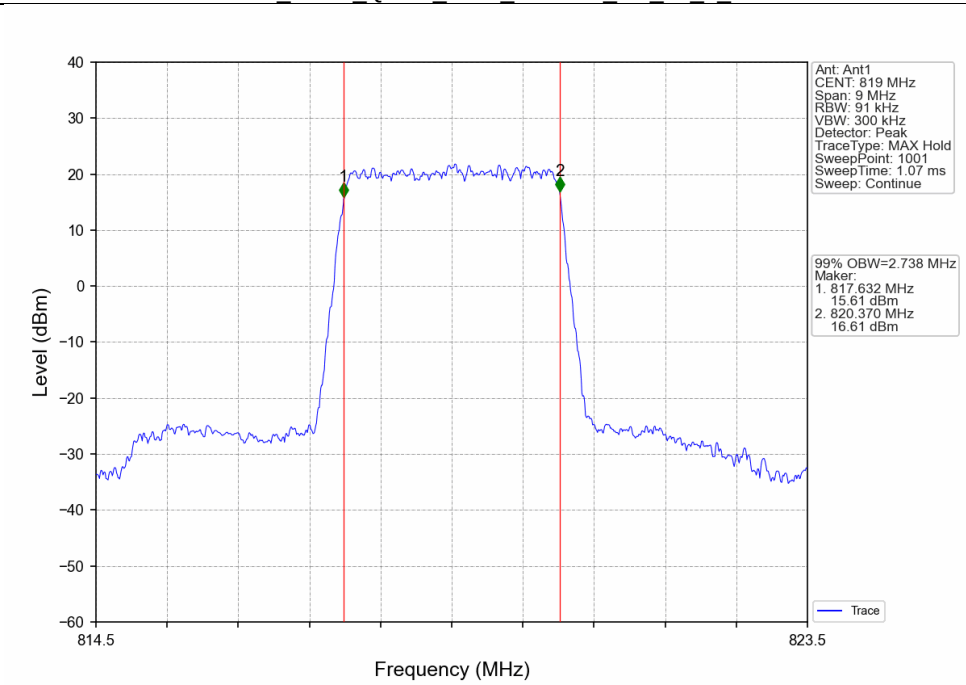
Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



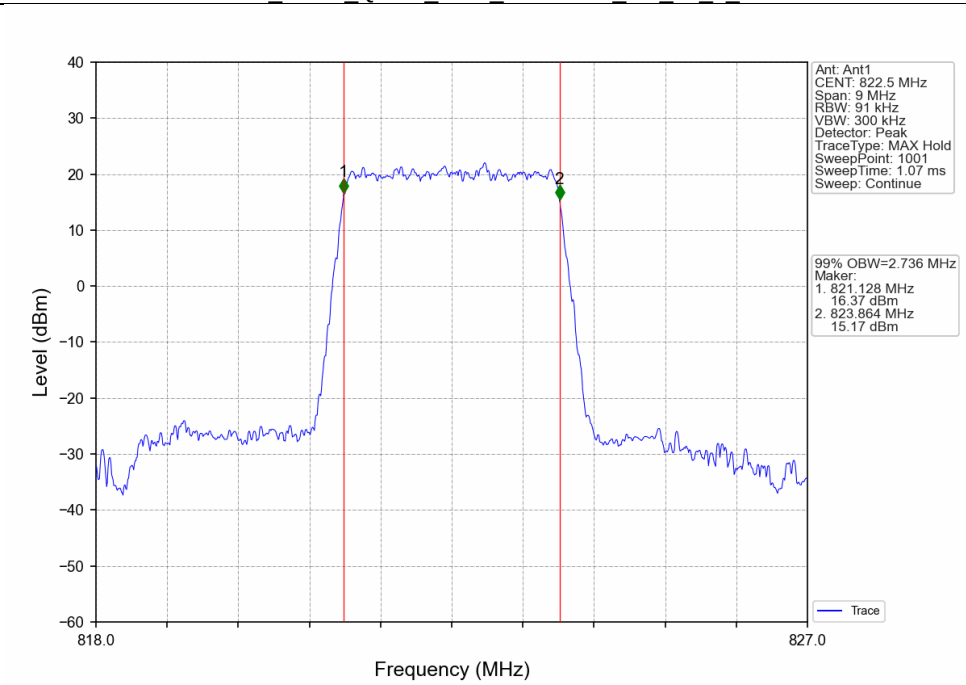
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



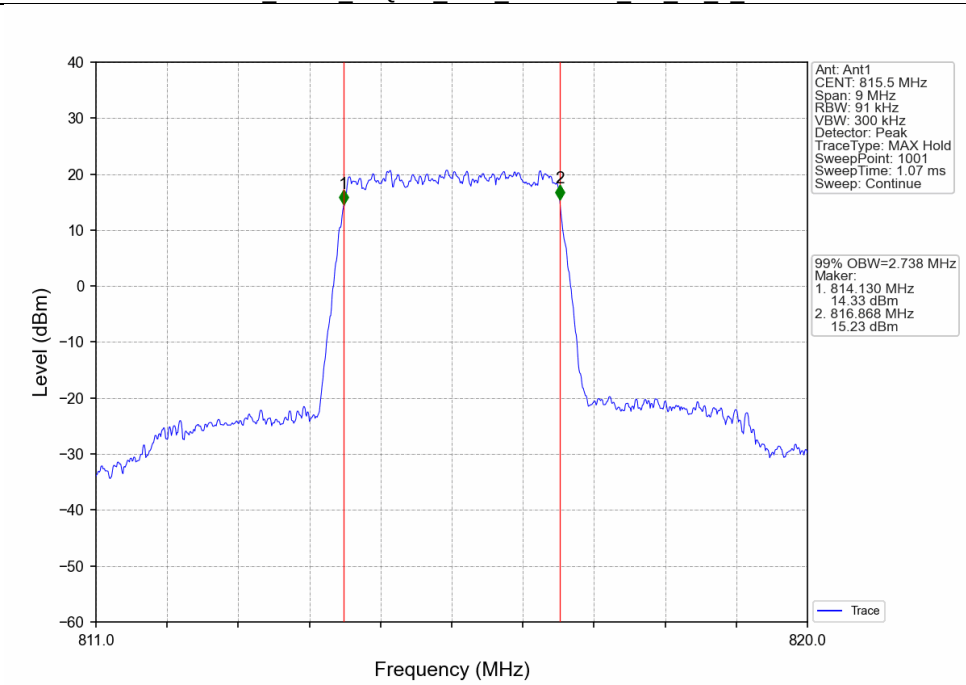
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



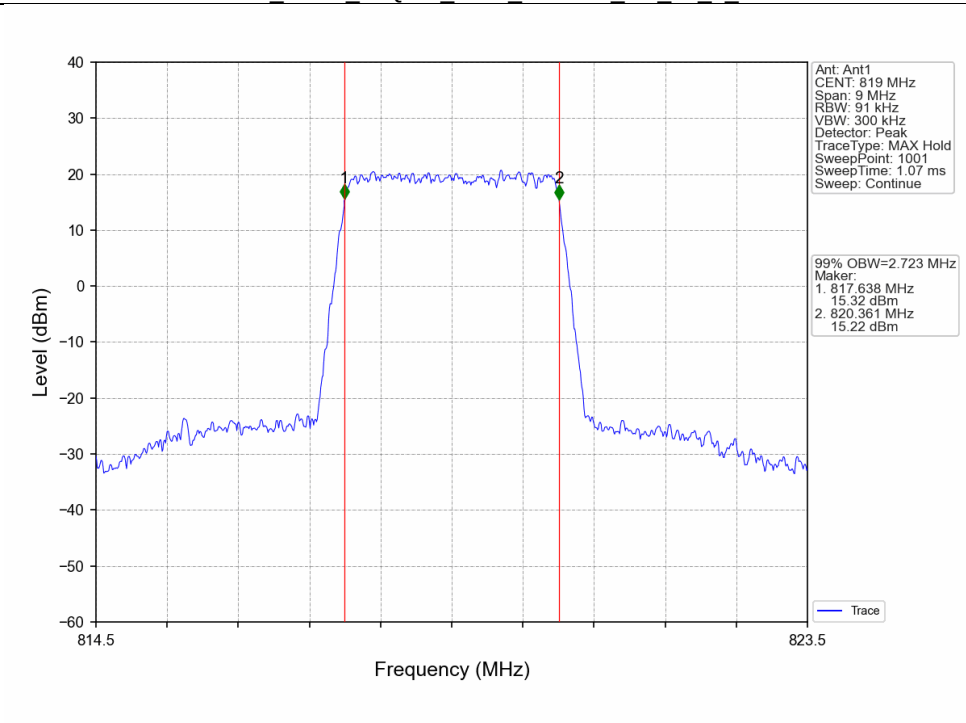
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



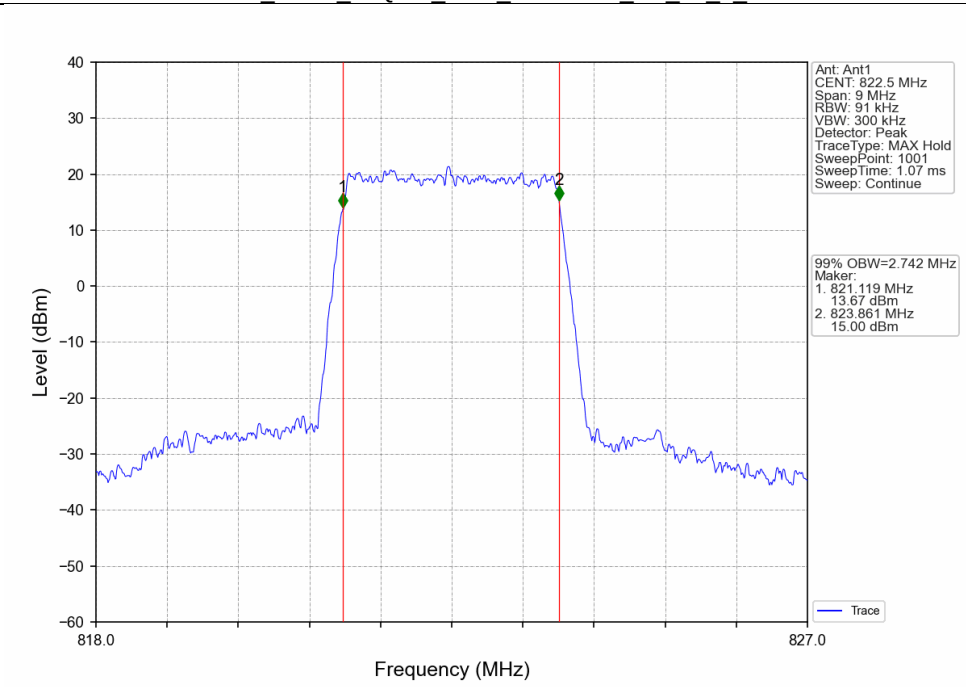
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



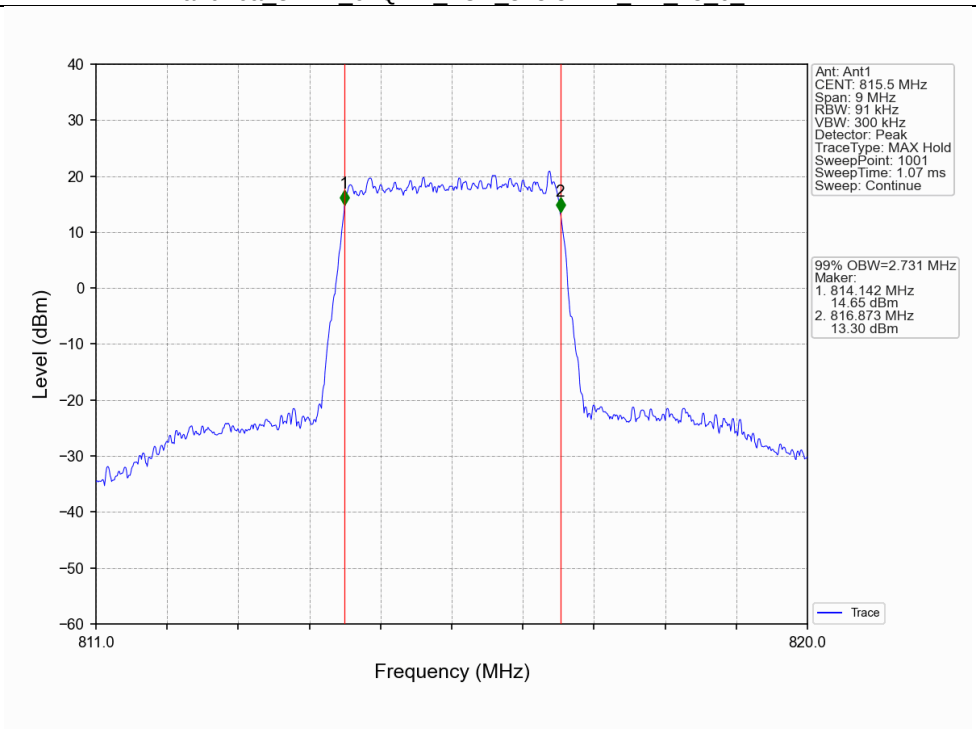
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



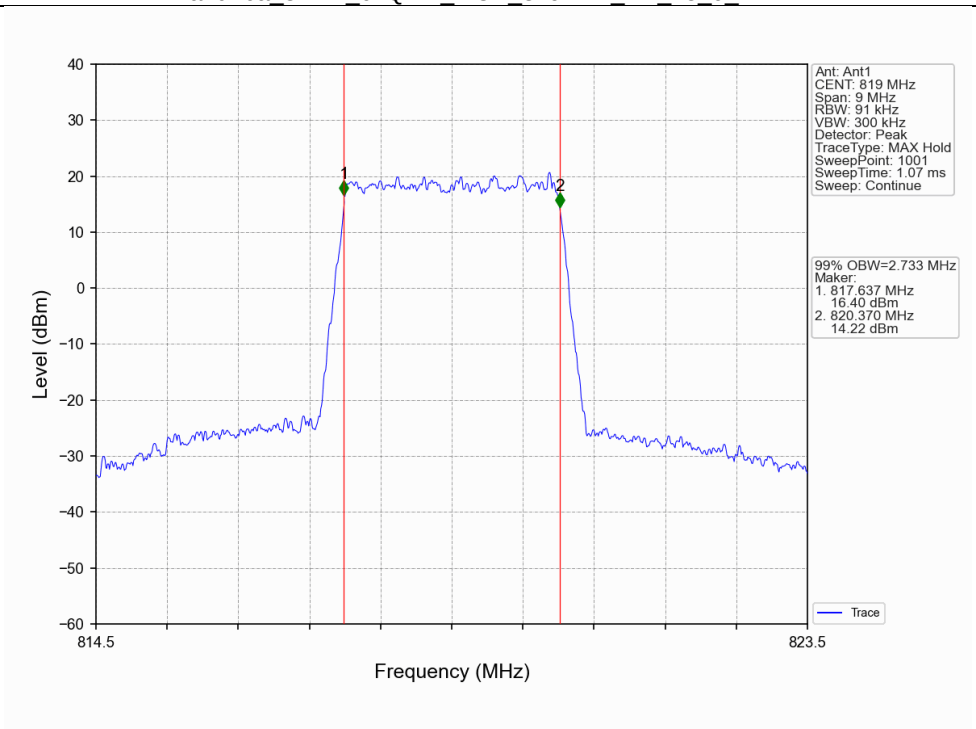
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



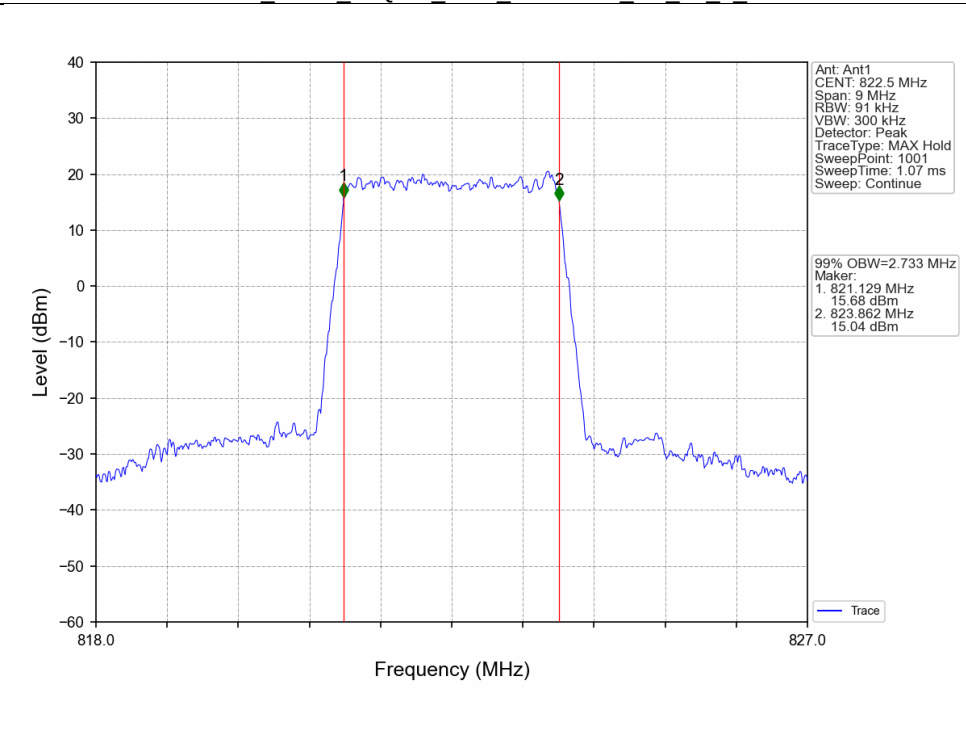
Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV



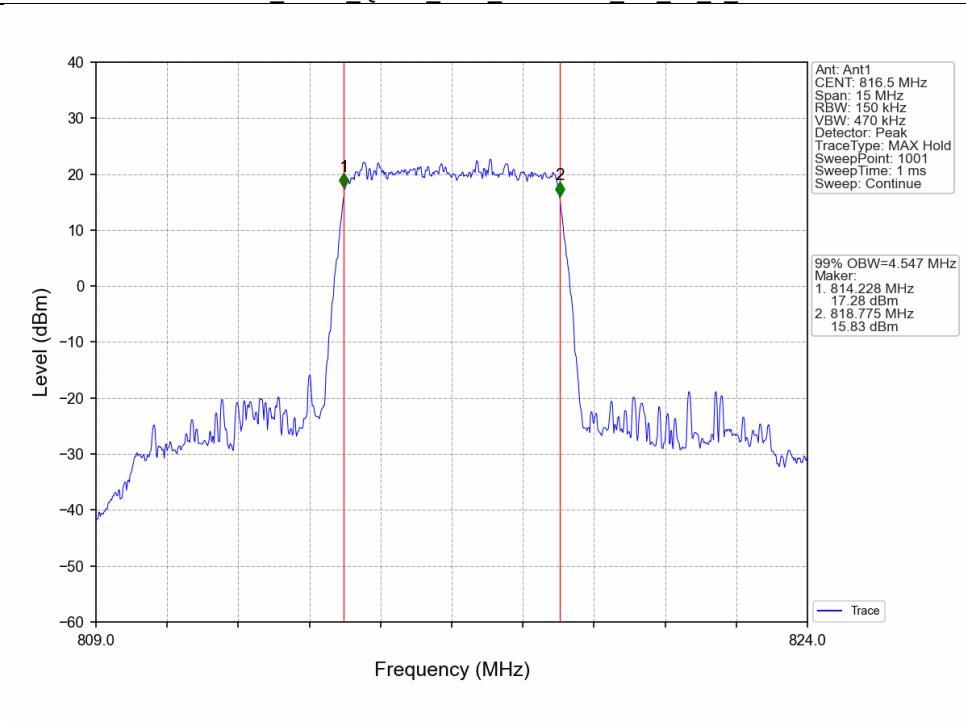
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



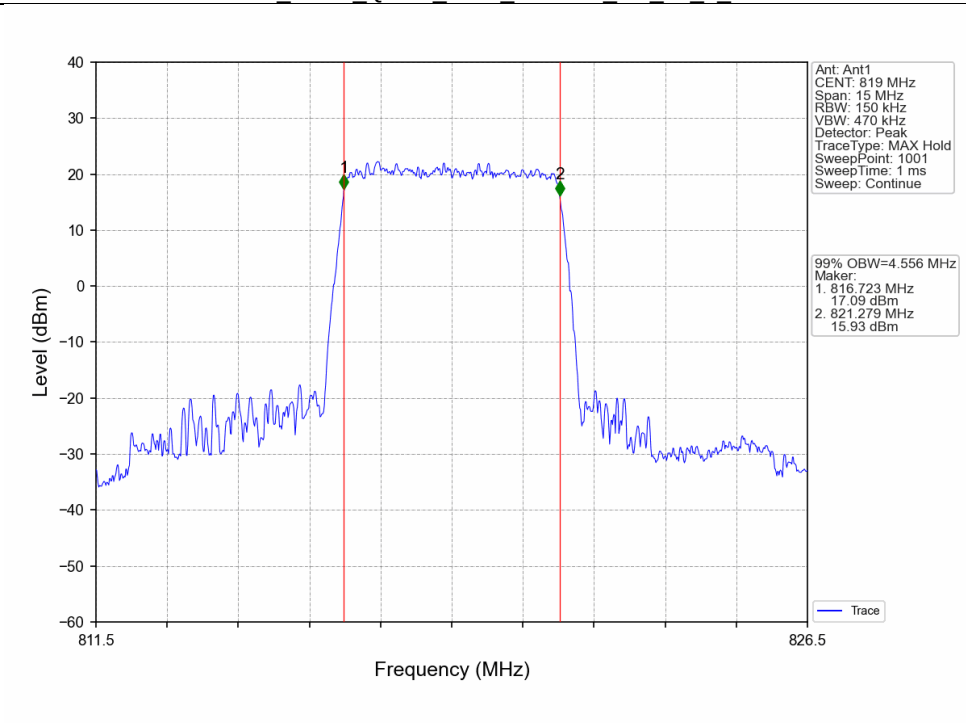
Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



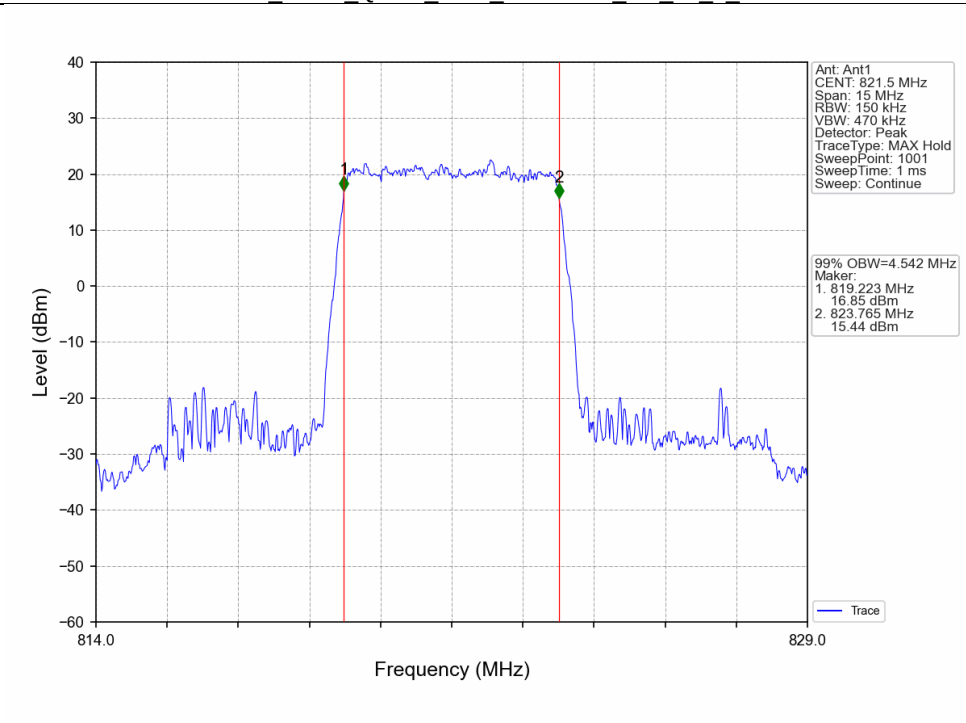
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



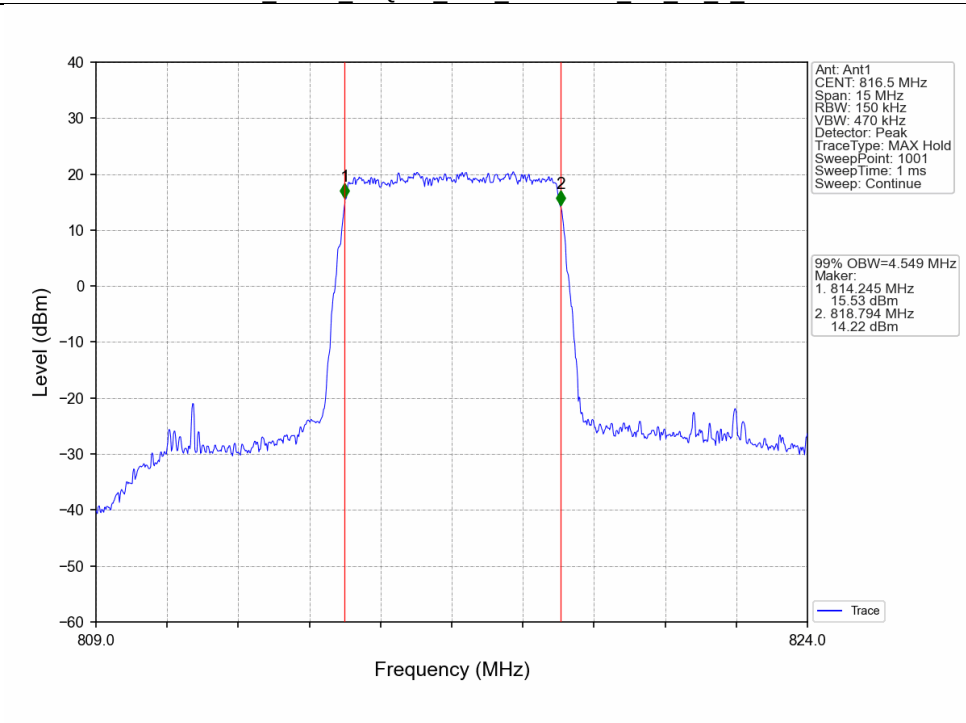
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



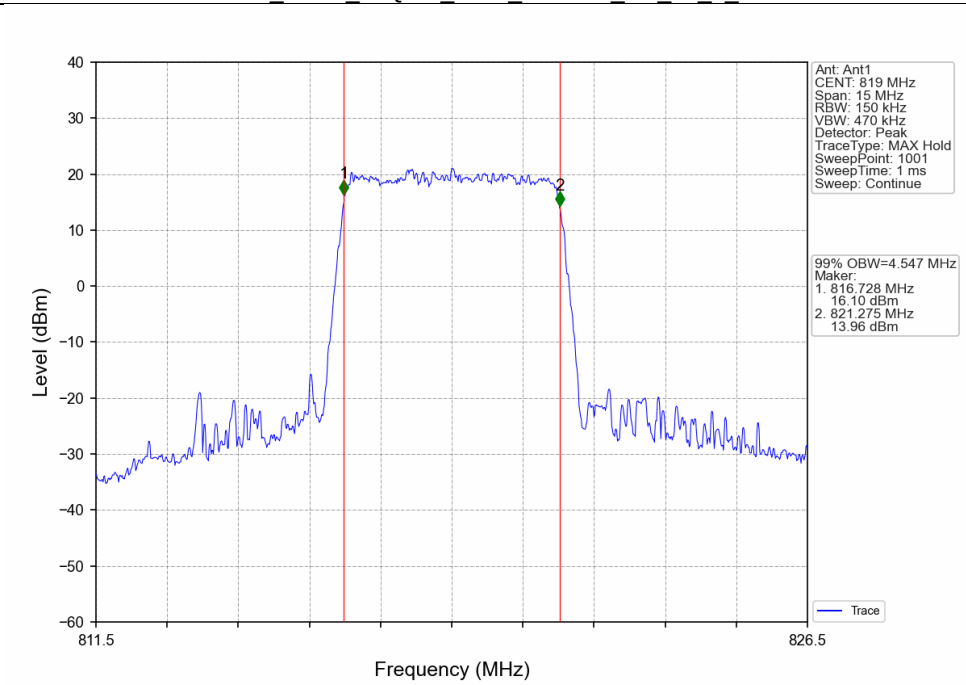
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



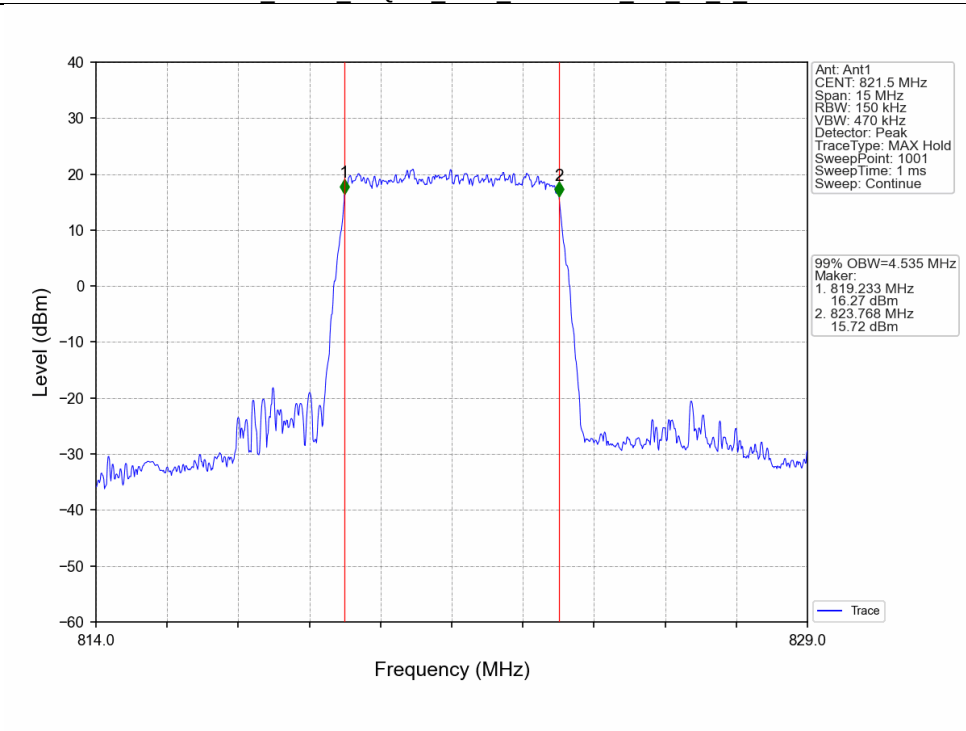
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



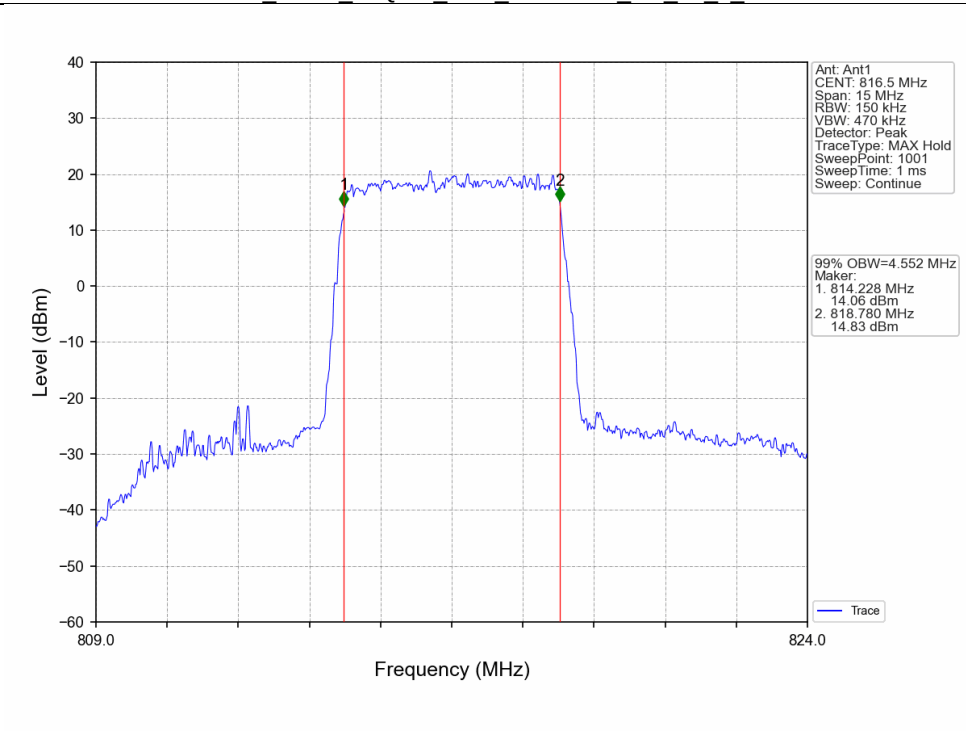
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



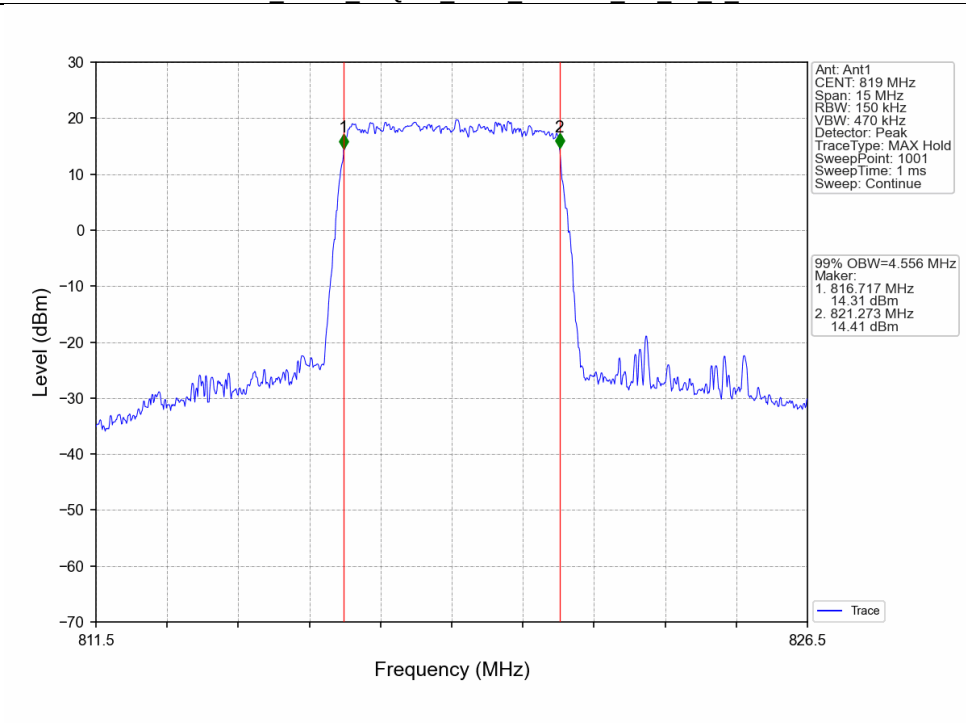
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



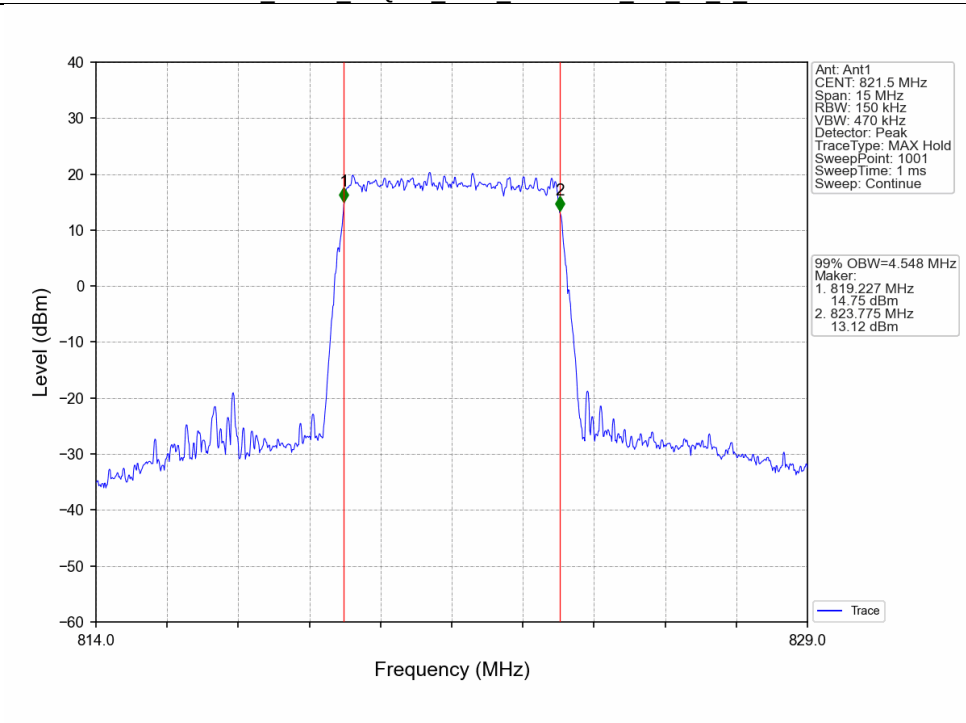
Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV



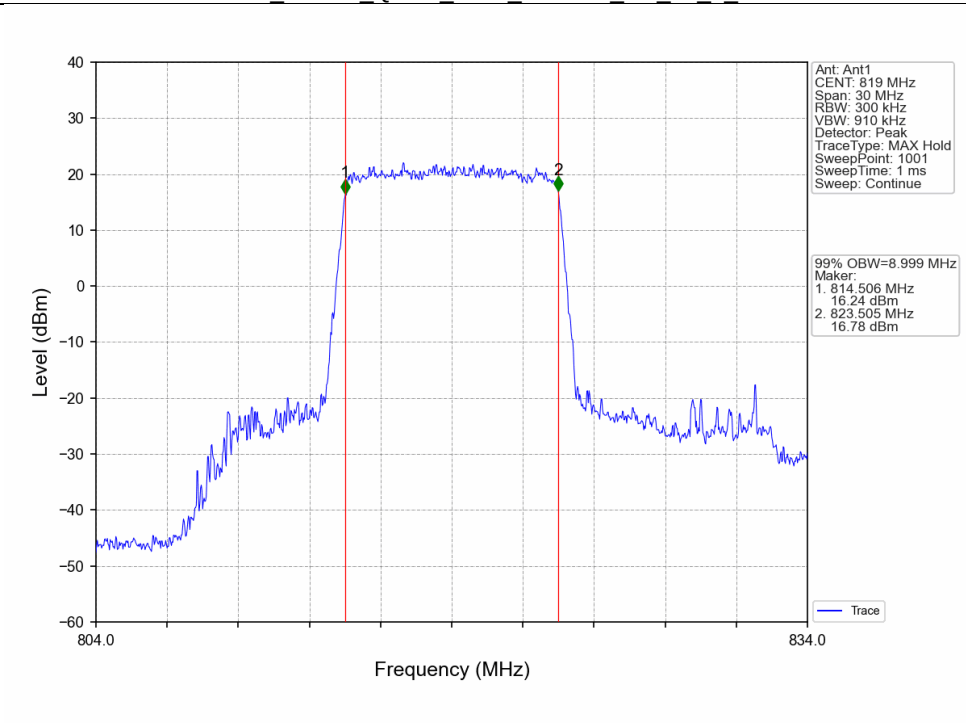
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



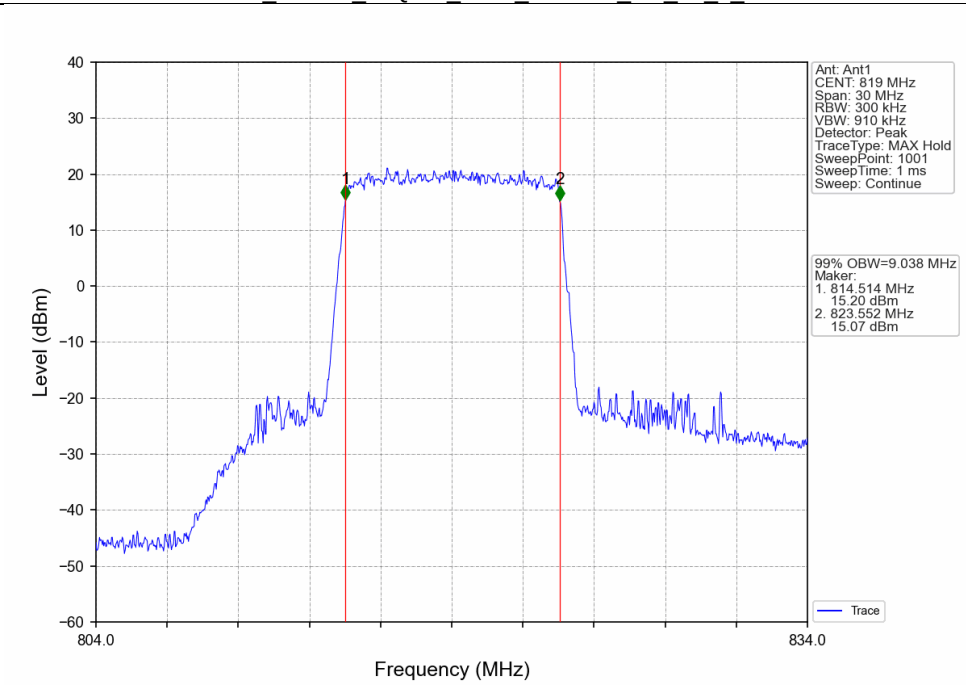
Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



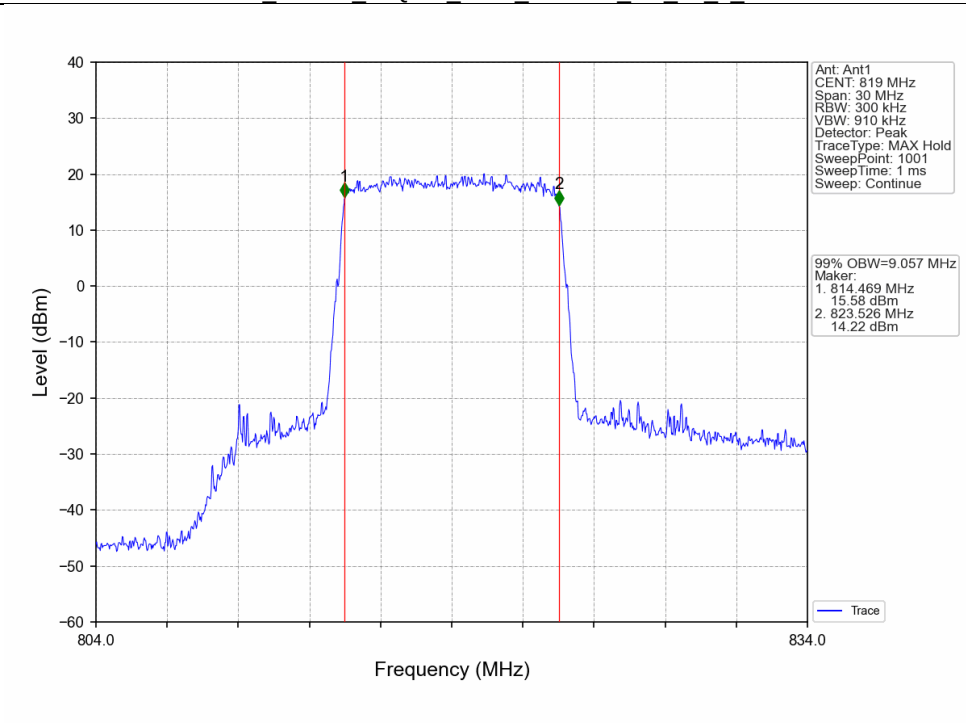
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



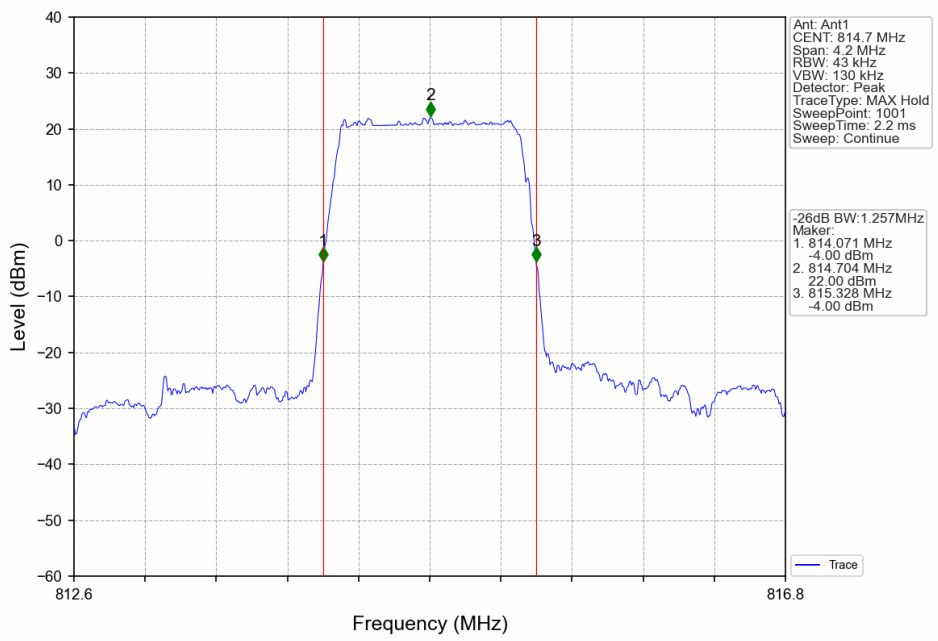
2.2 Band26a_XDB

2.2.1 Test Result

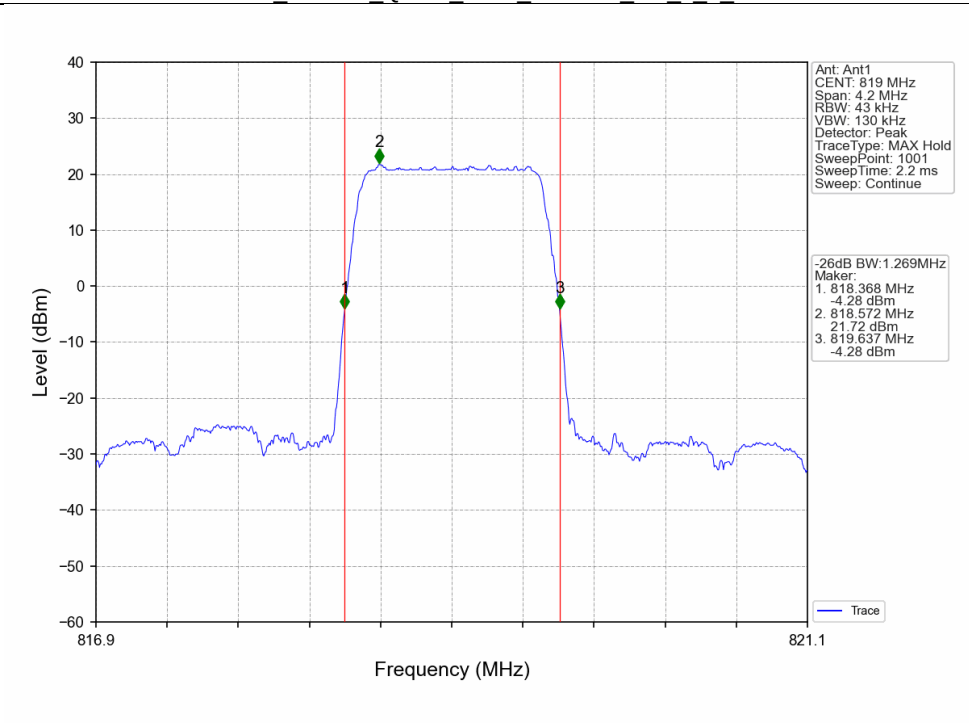
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.257	/	Pass
		819	6	0	1.269	/	Pass
		823.3	6	0	1.258	/	Pass
	16QAM	814.7	6	0	1.272	/	Pass
		819	6	0	1.268	/	Pass
		823.3	6	0	1.269	/	Pass
	64QAM	814.7	6	0	1.272	/	Pass
		819	6	0	1.271	/	Pass
		823.3	6	0	1.265	/	Pass
3	QPSK	815.5	15	0	3.091	/	Pass
		819	15	0	3.076	/	Pass
		822.5	15	0	3.087	/	Pass
	16QAM	815.5	15	0	3.080	/	Pass
		819	15	0	3.090	/	Pass
		822.5	15	0	3.085	/	Pass
	64QAM	815.5	15	0	3.034	/	Pass
		819	15	0	3.037	/	Pass
		822.5	15	0	3.055	/	Pass
5	QPSK	816.5	25	0	5.066	/	Pass
		819	25	0	5.082	/	Pass
		821.5	25	0	5.071	/	Pass
	16QAM	816.5	25	0	5.092	/	Pass
		819	25	0	5.056	/	Pass
		821.5	25	0	5.057	/	Pass
	64QAM	816.5	25	0	5.052	/	Pass
		819	25	0	5.067	/	Pass
		821.5	25	0	5.045	/	Pass
10	QPSK	819	50	0	9.854	/	Pass
	16QAM	819	50	0	9.956	/	Pass
	64QAM	819	50	0	9.960	/	Pass

2.2.2 Test Graph

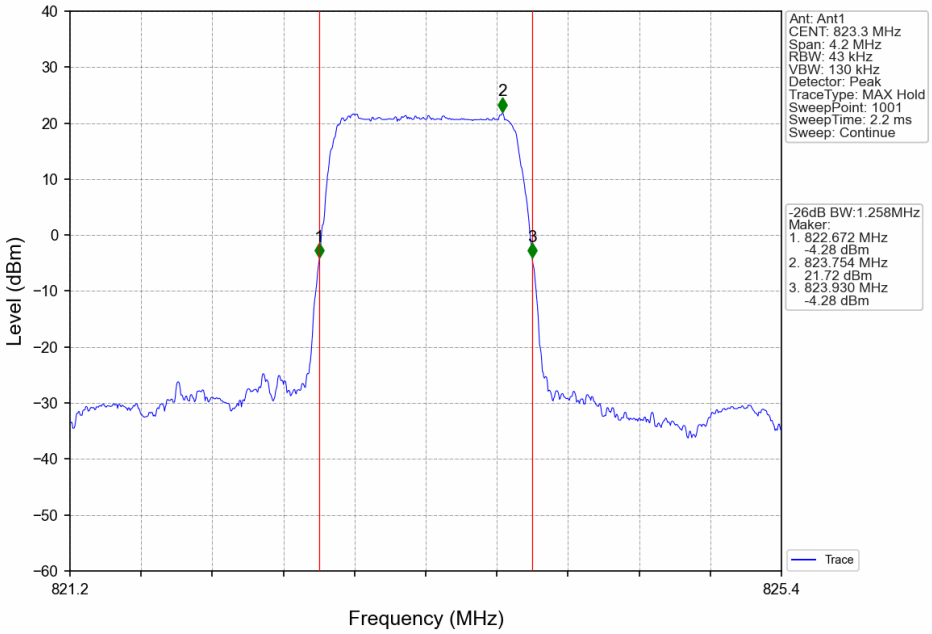
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



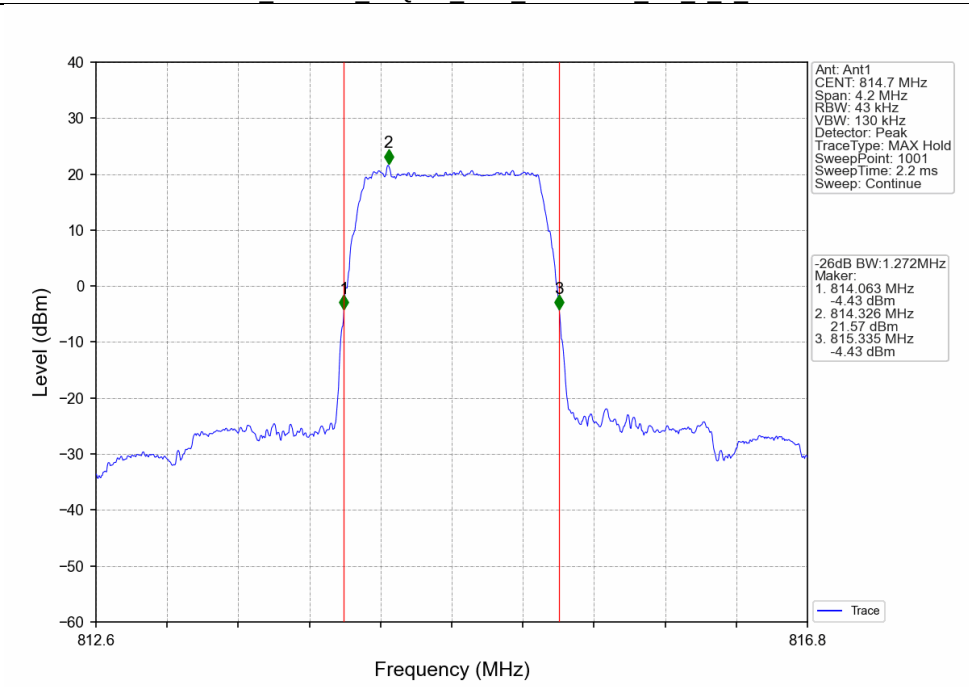
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



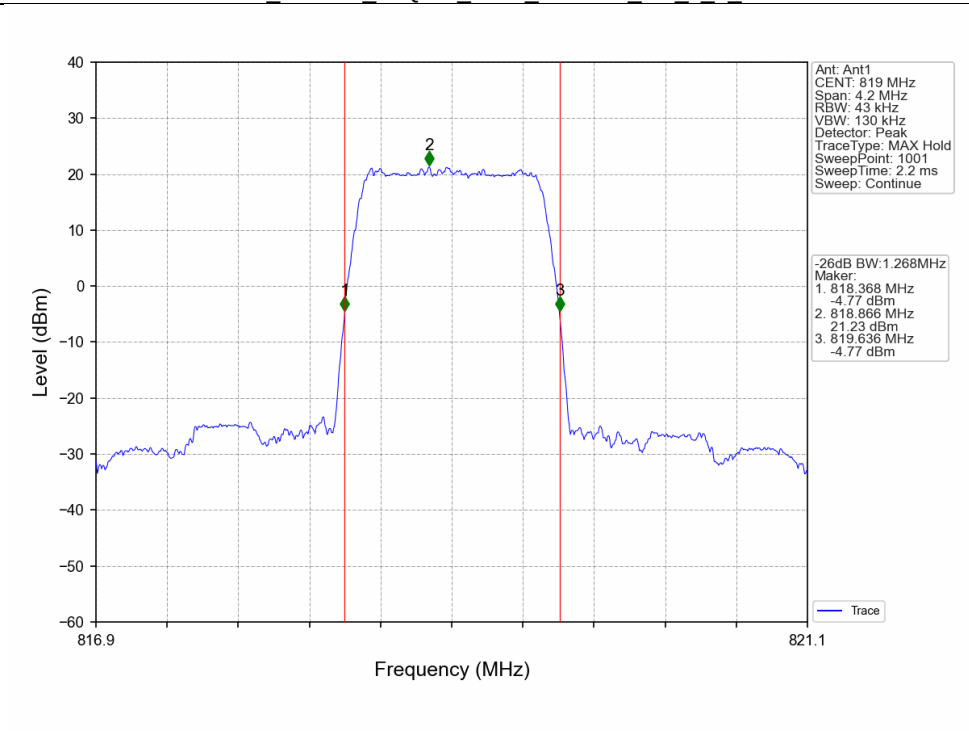
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



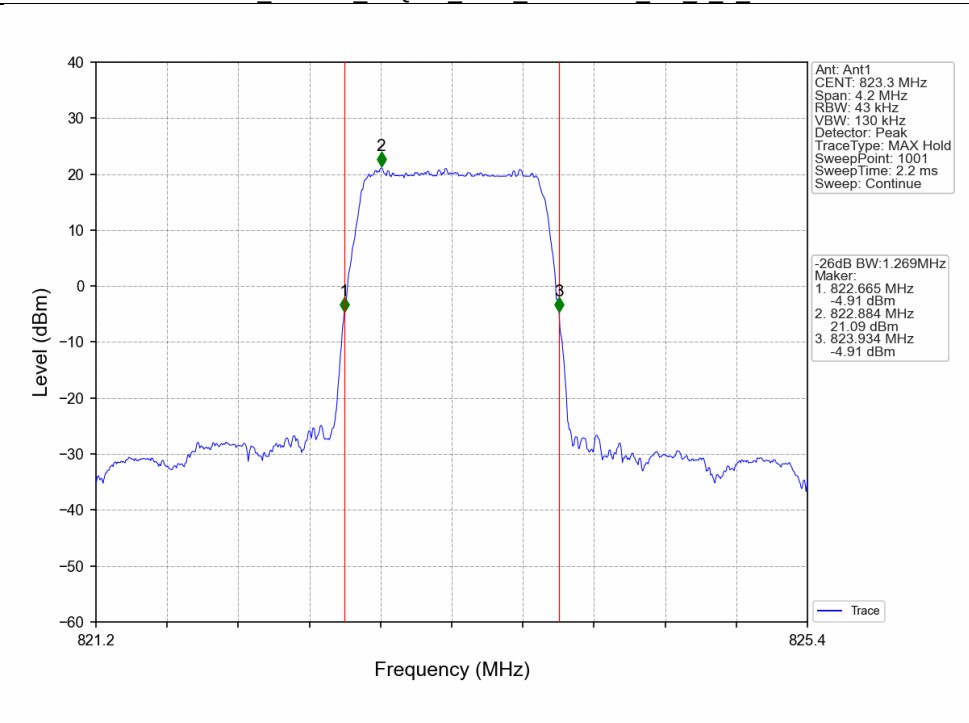
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



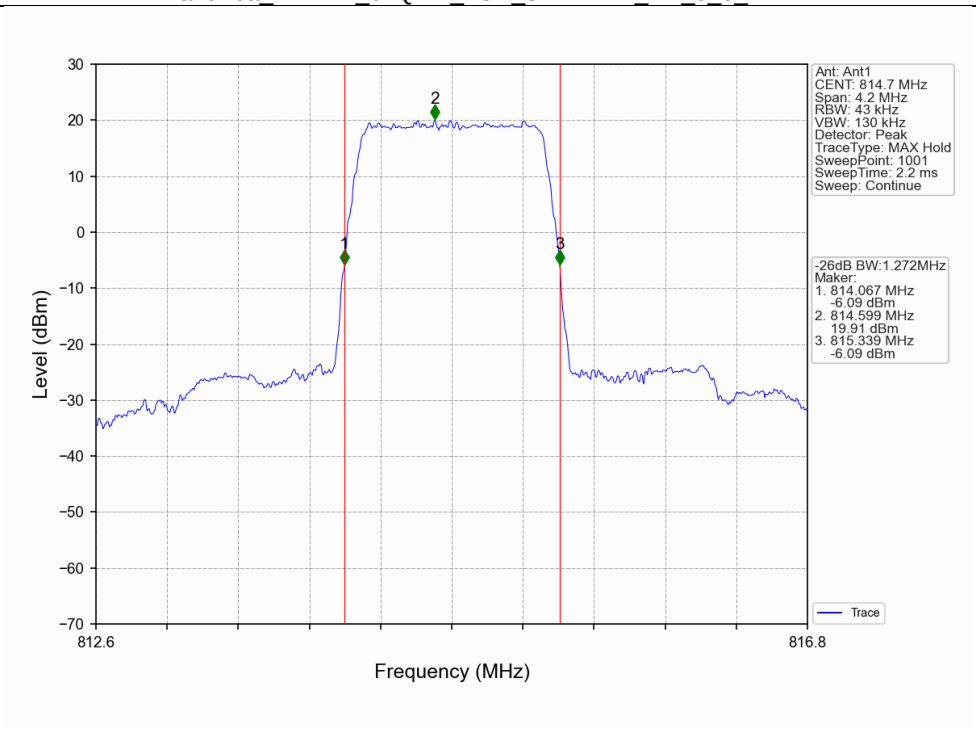
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



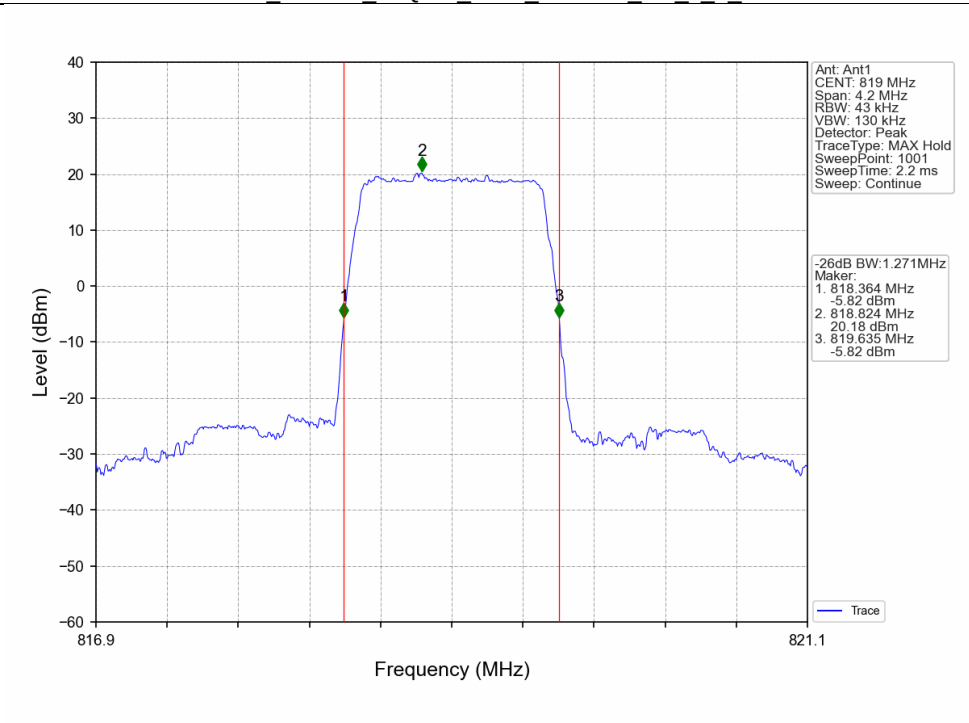
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



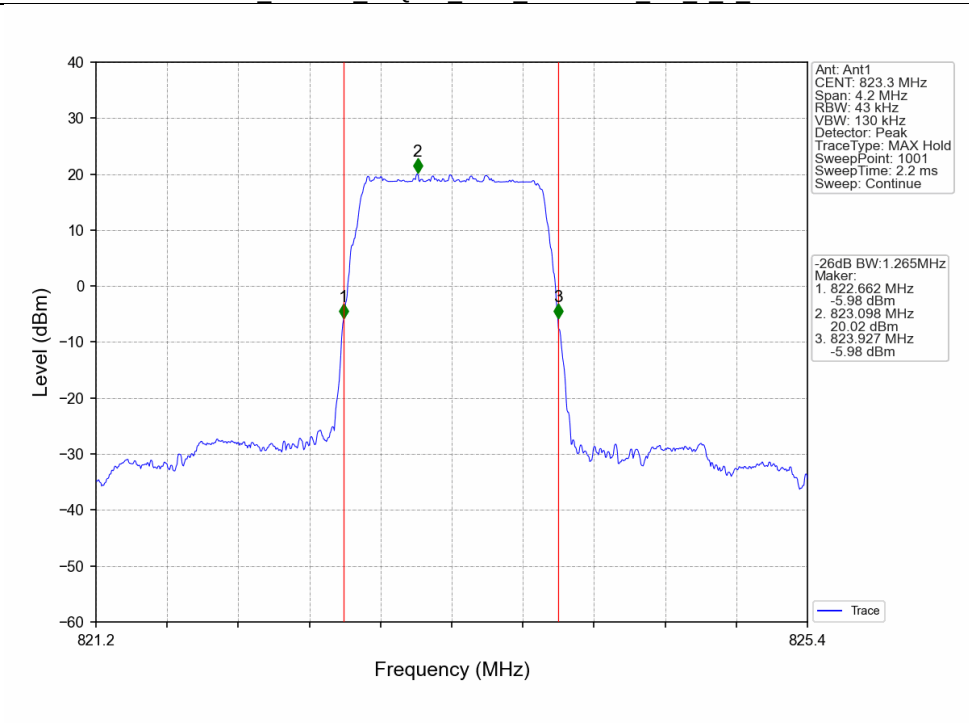
Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



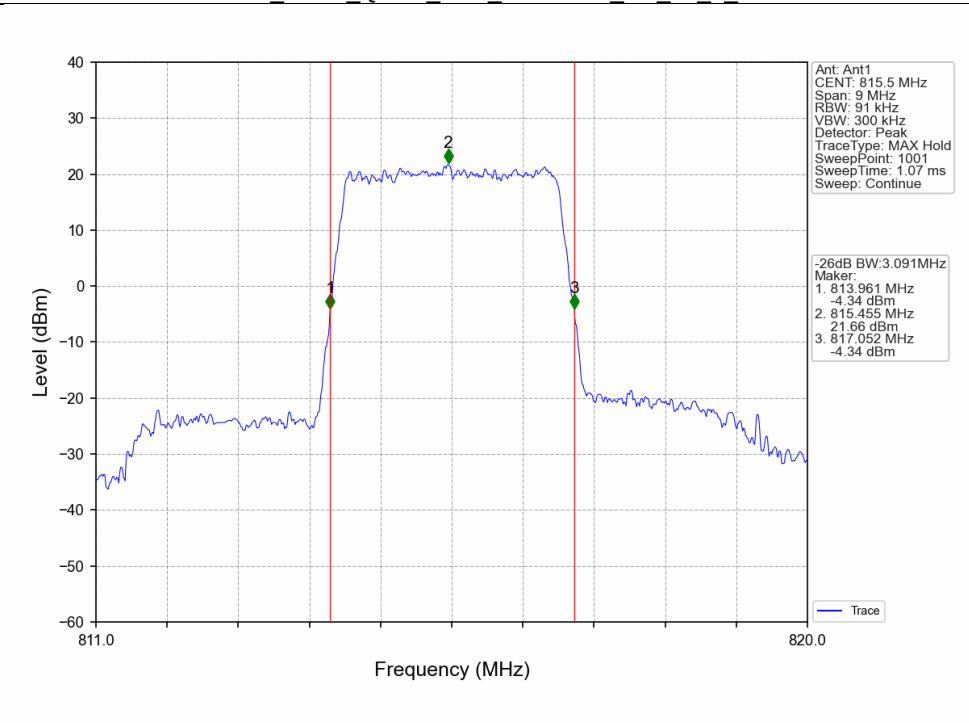
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



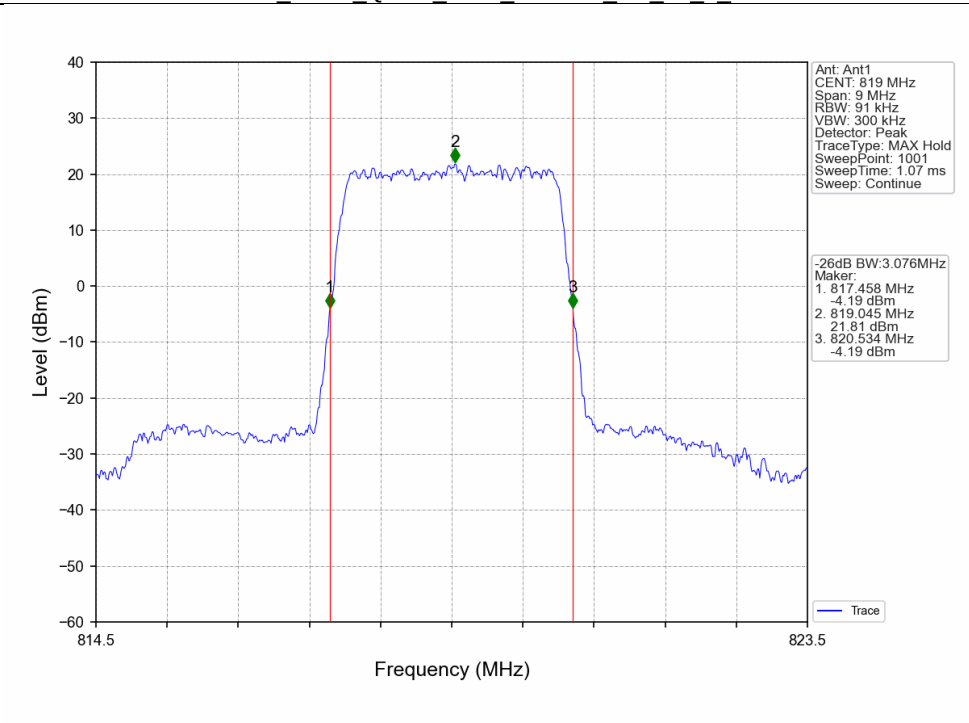
Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



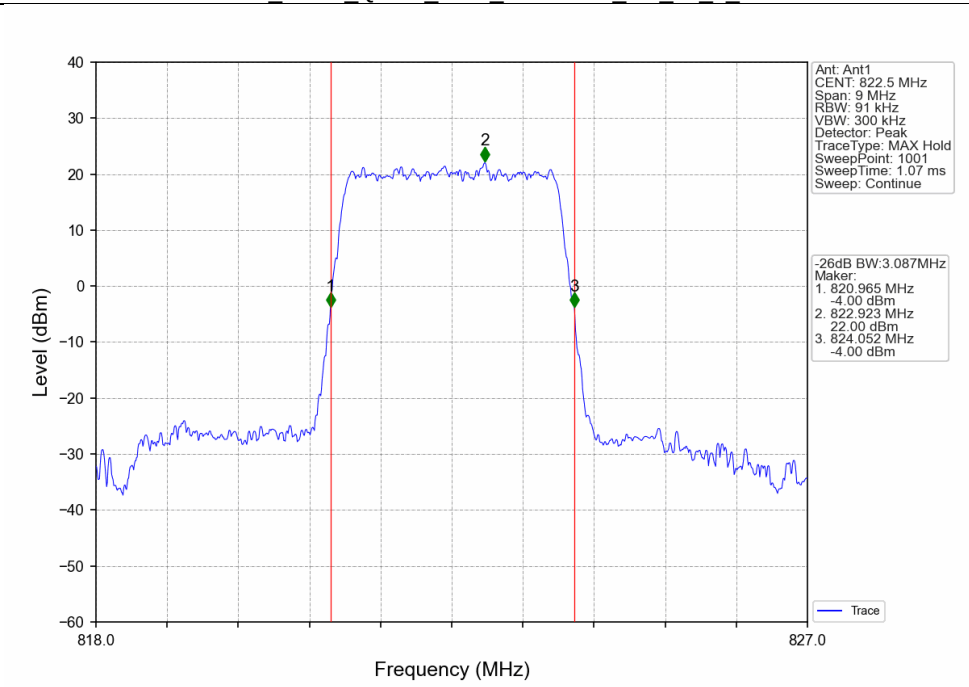
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



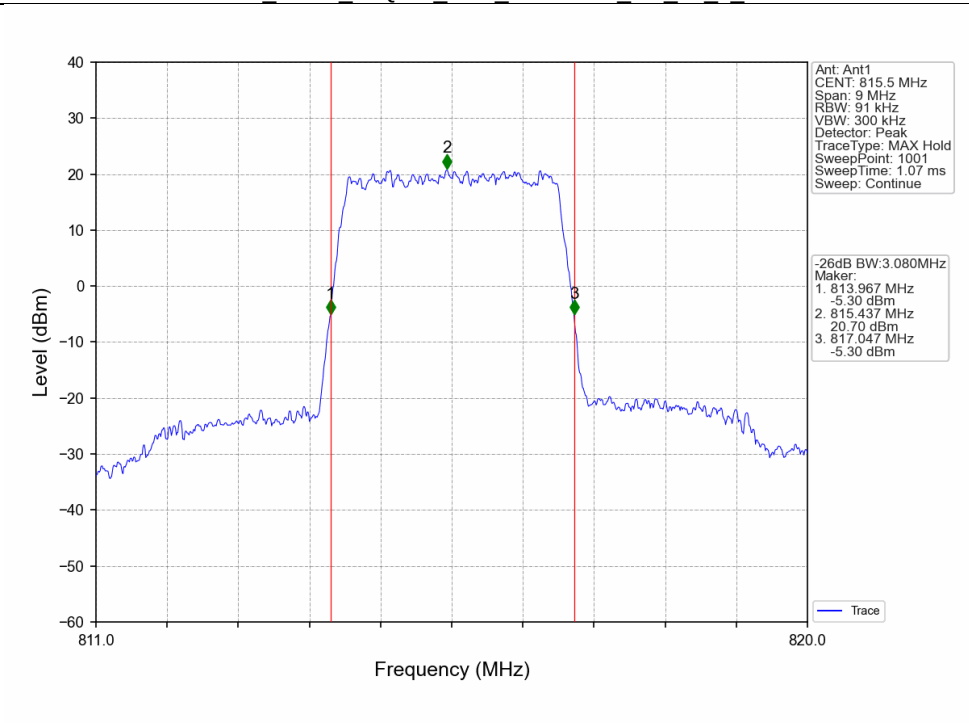
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



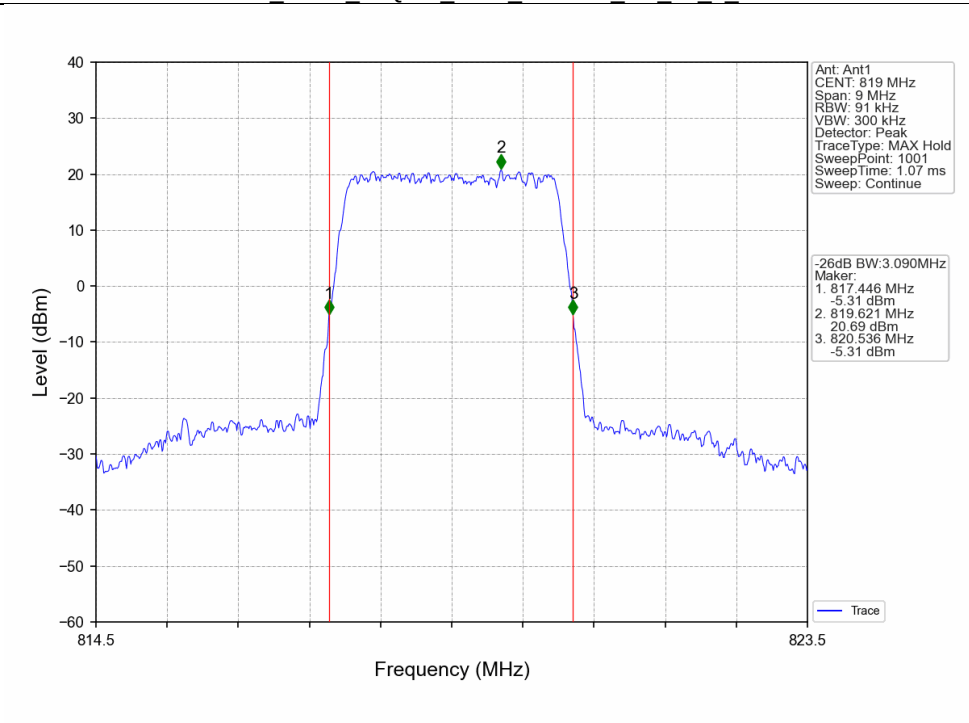
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



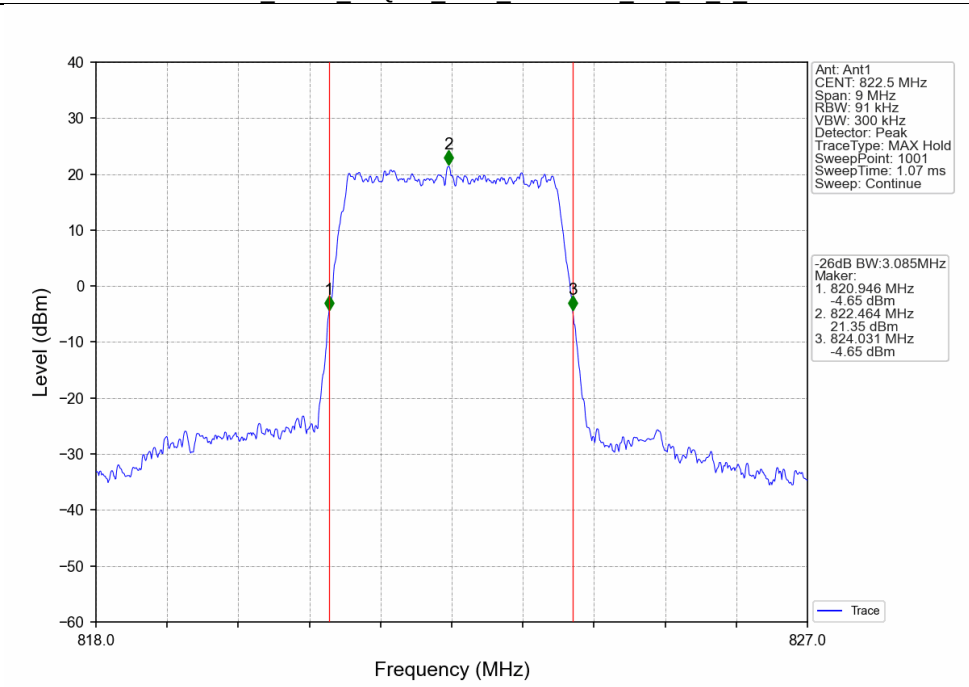
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



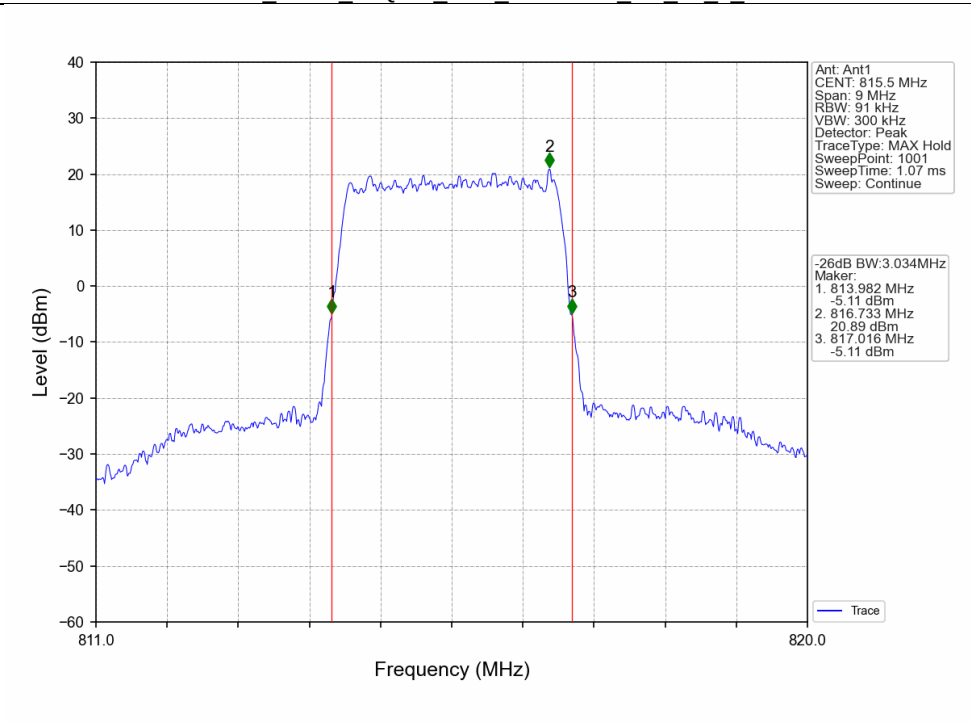
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



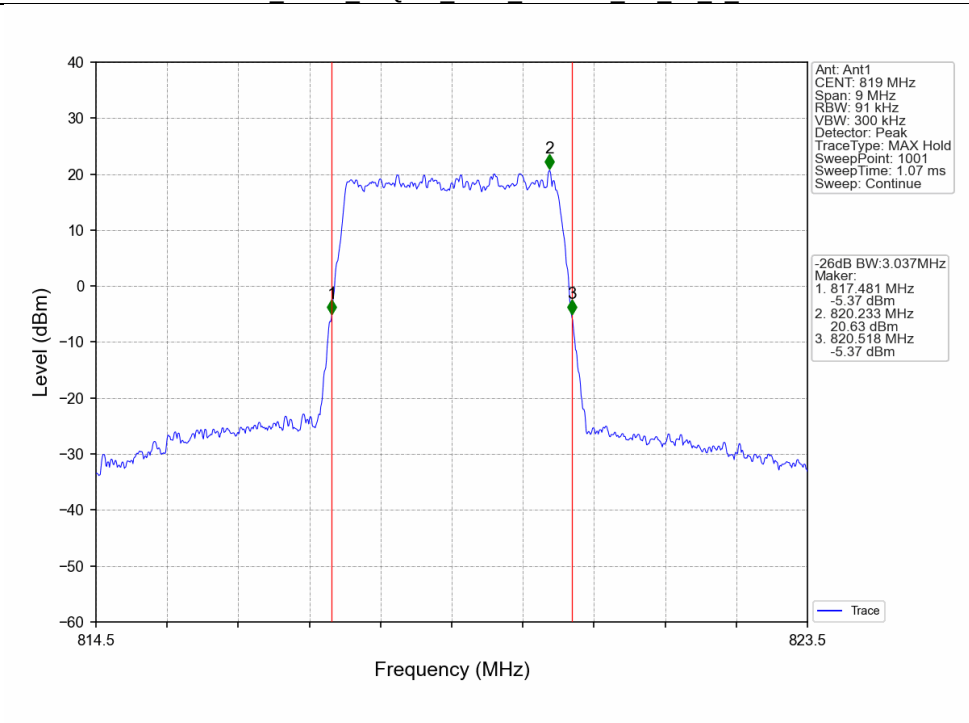
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



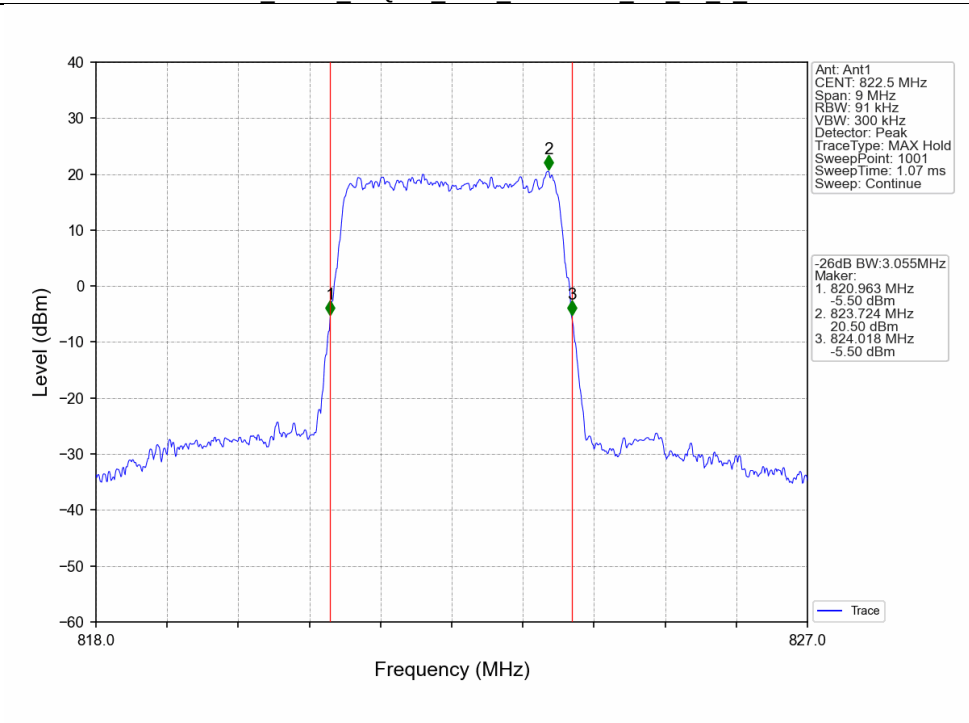
Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV



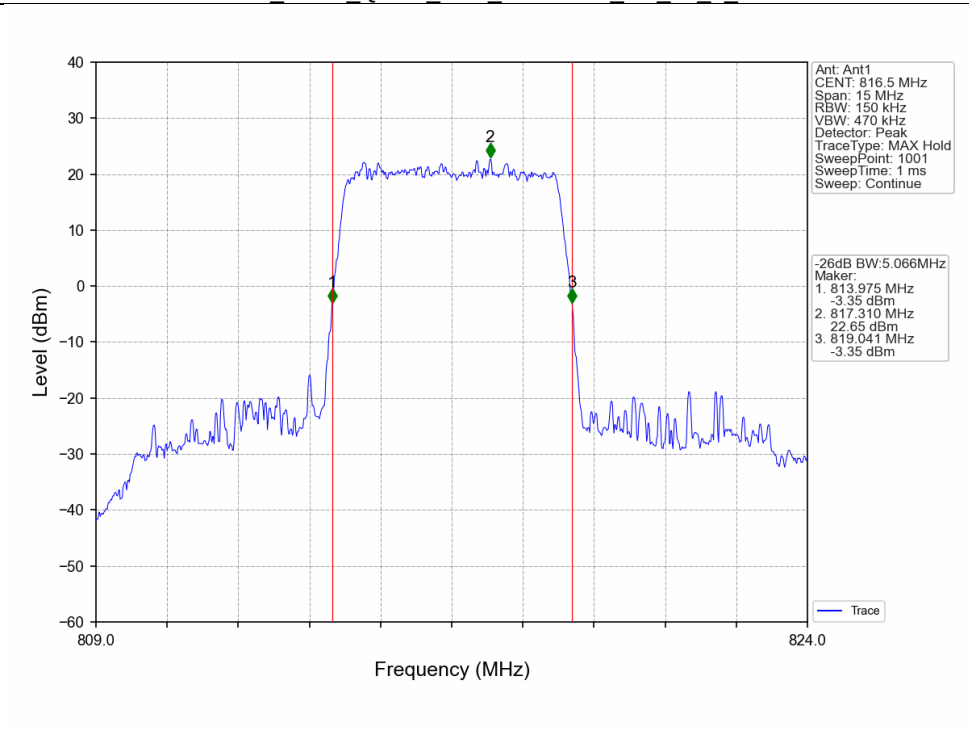
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



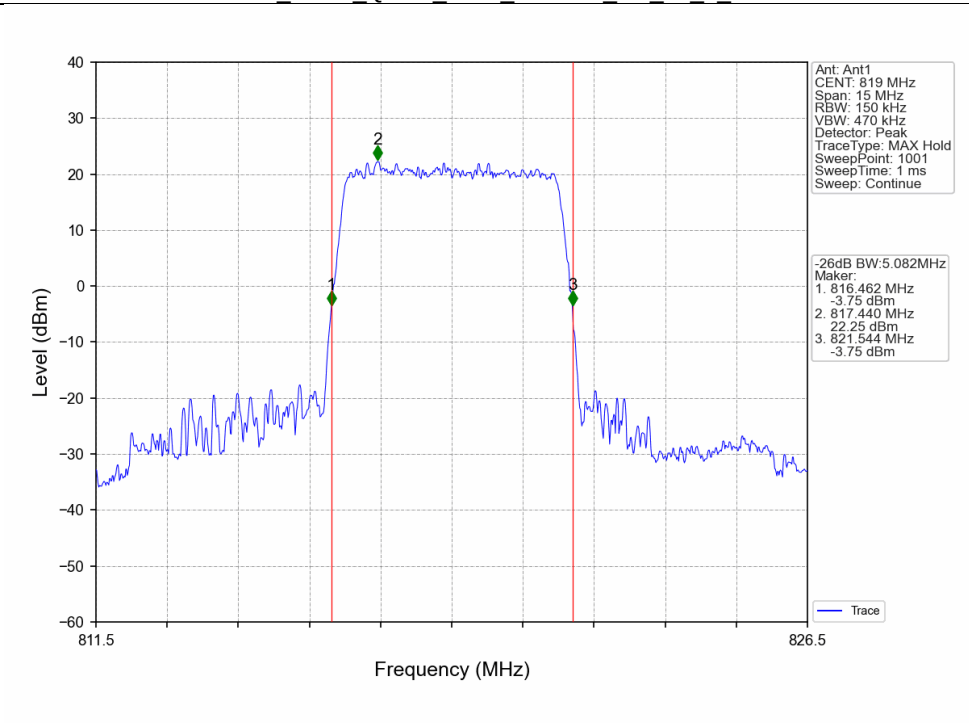
Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



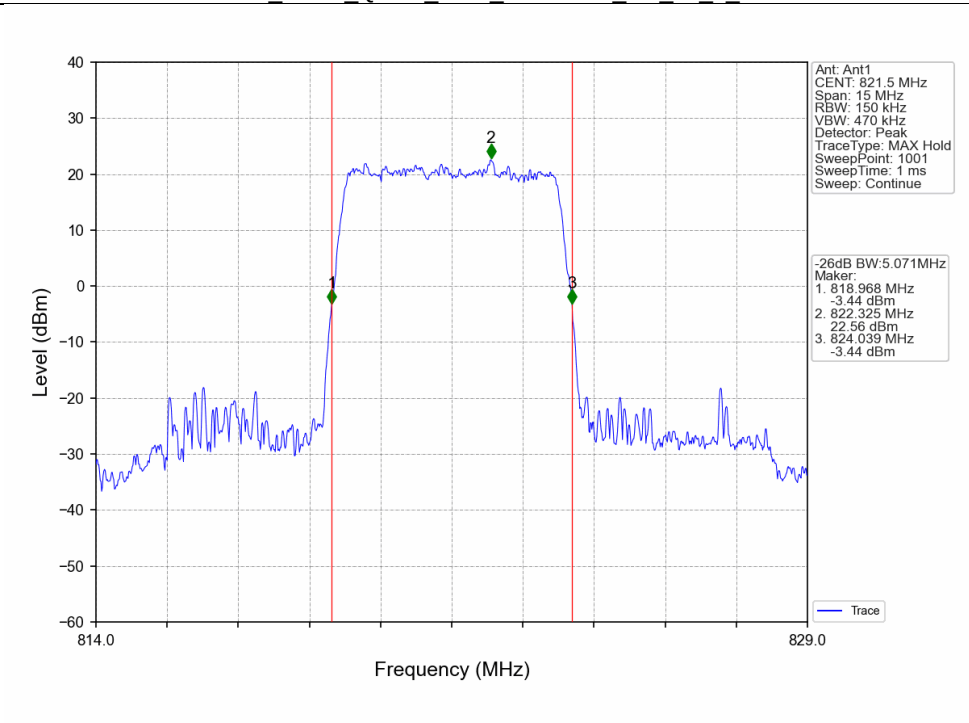
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



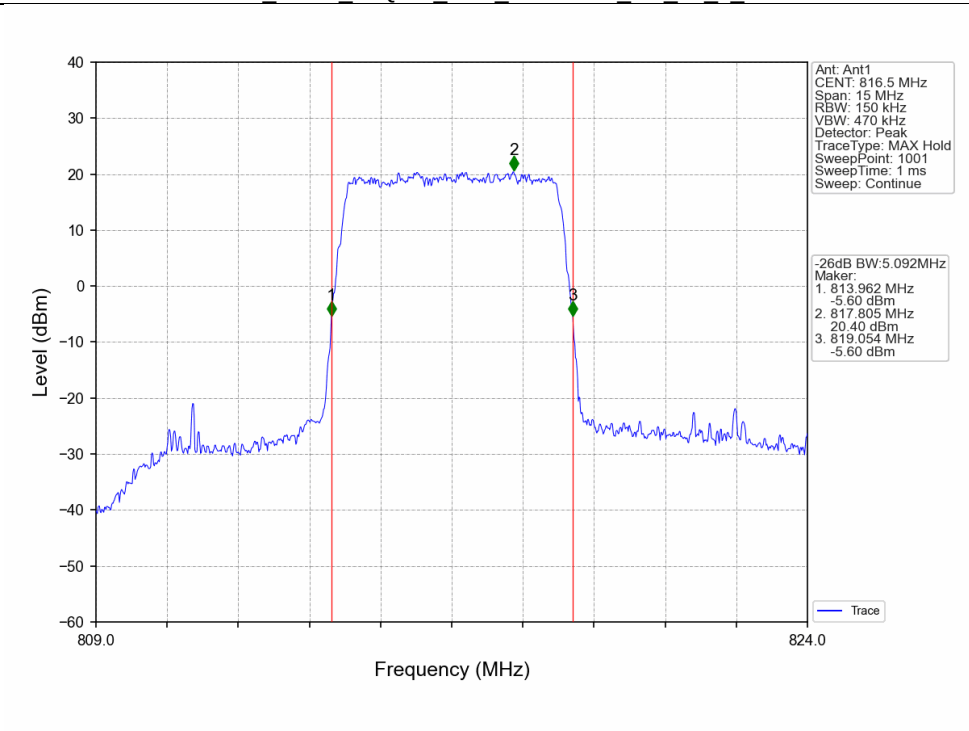
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



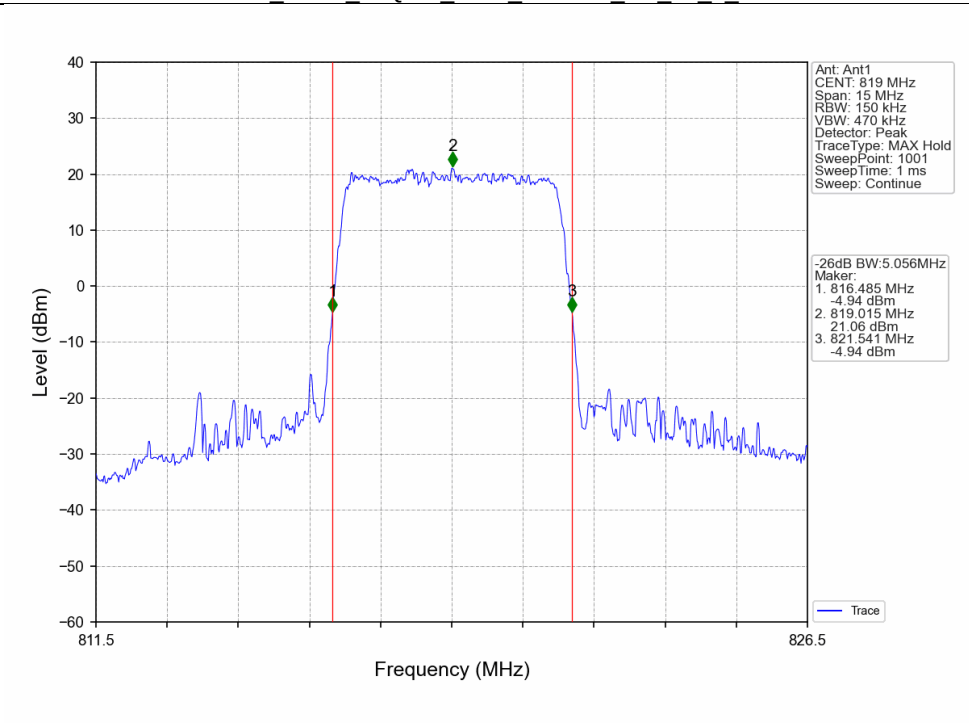
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



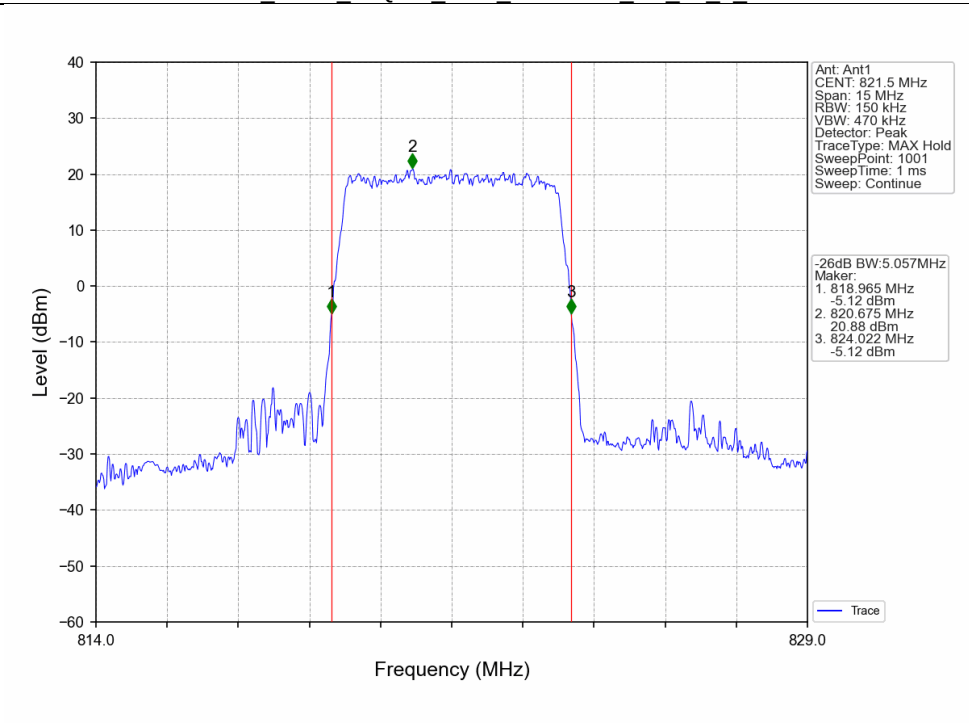
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



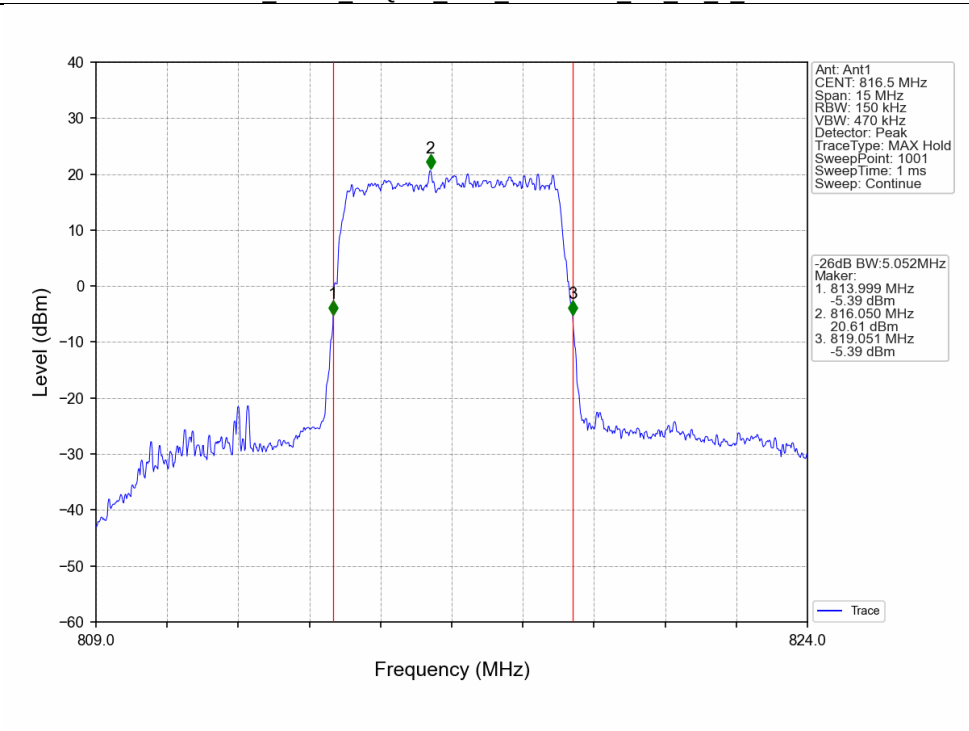
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



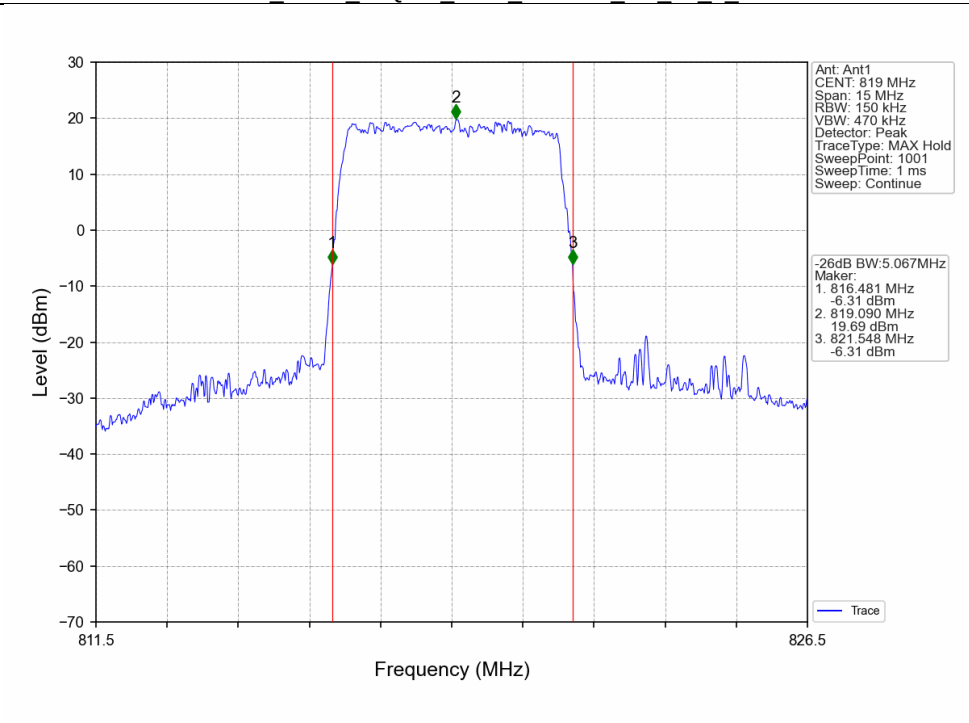
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



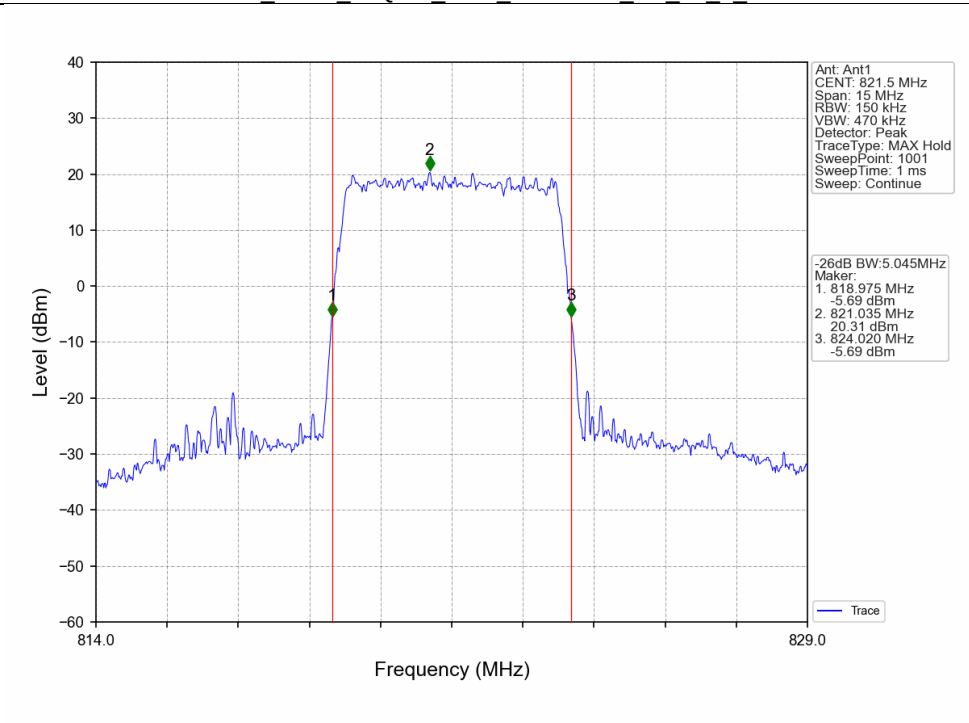
Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV



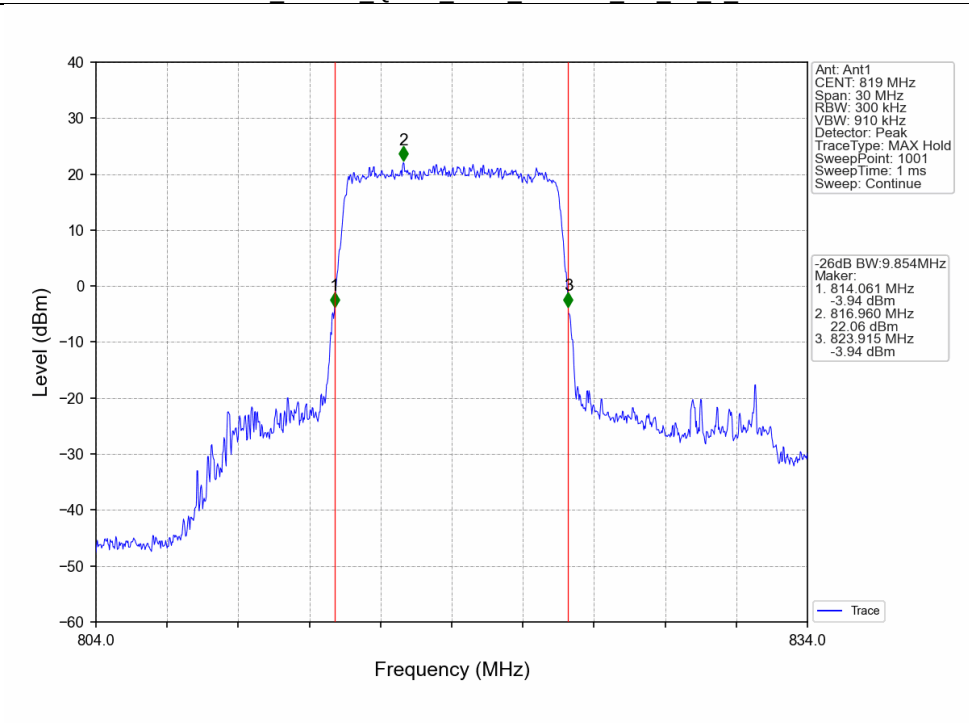
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



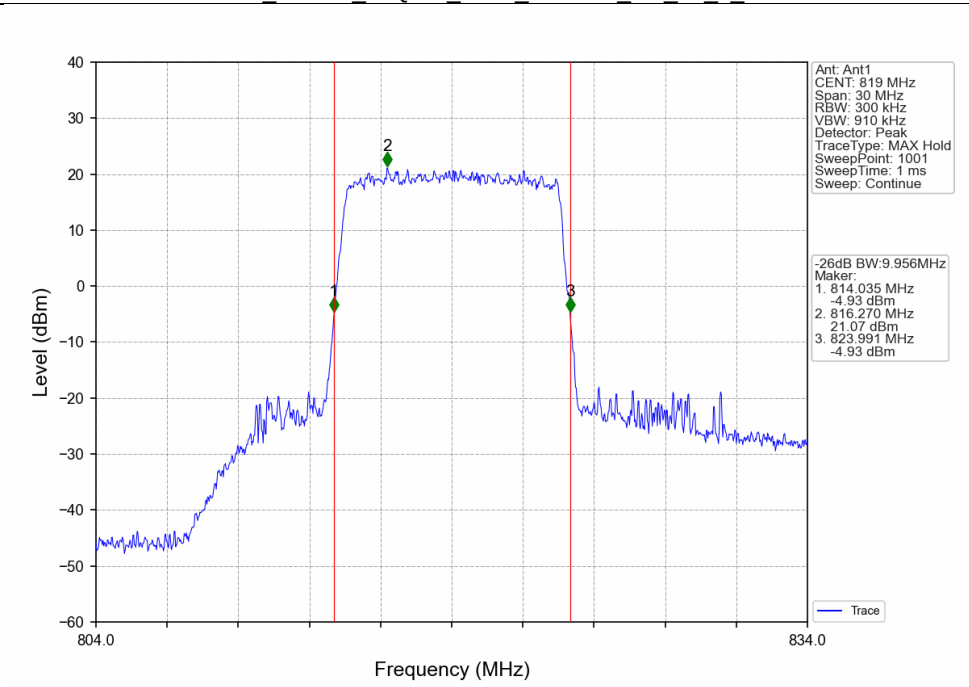
Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



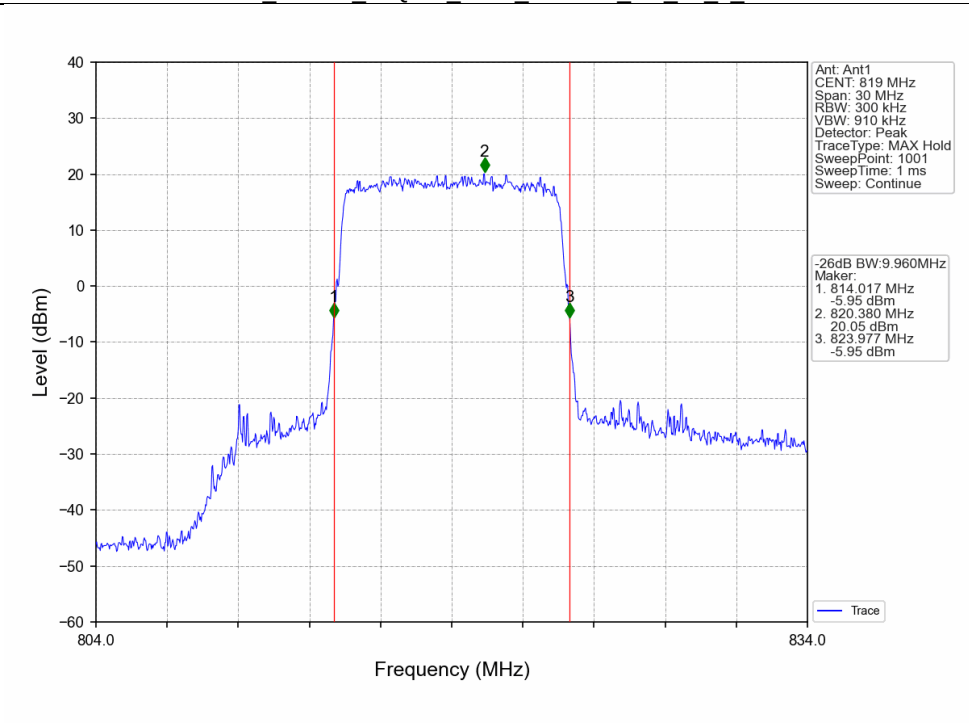
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



3. Peak-Average Ratio

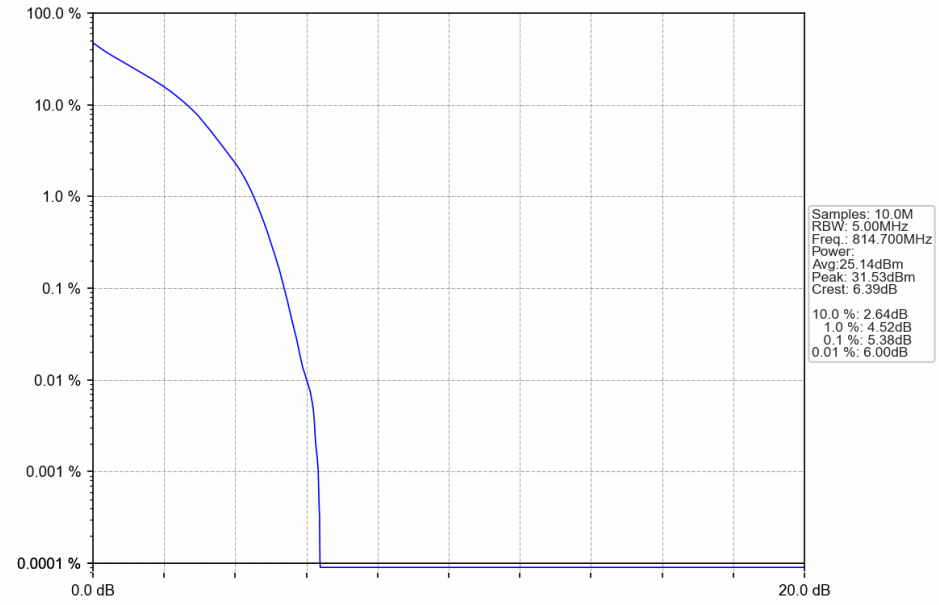
3.1 B26a_1.4MHz

3.1.1 Test Result

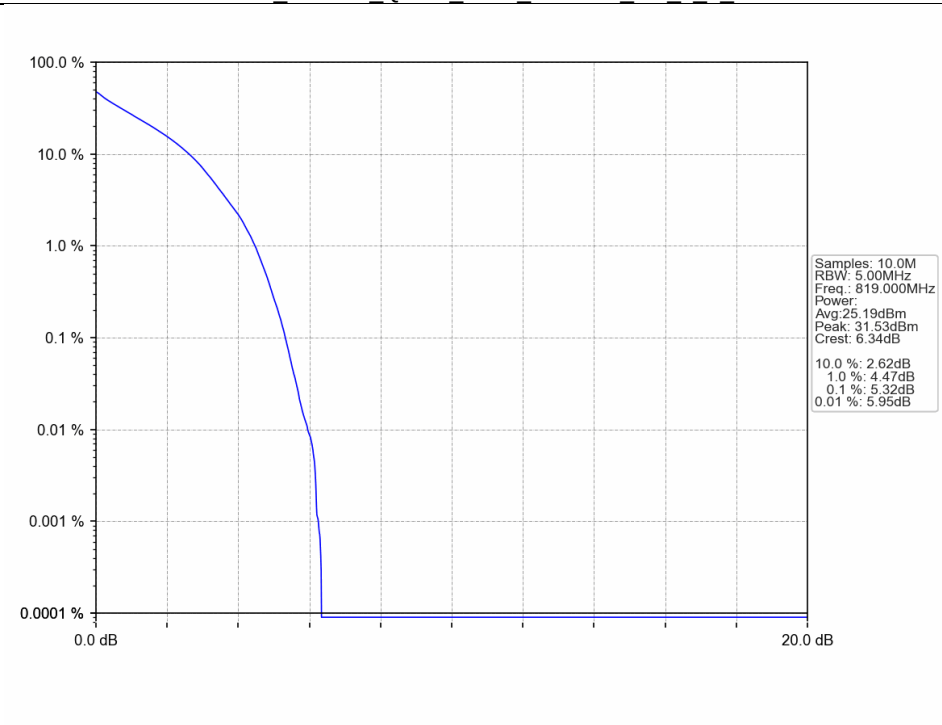
Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	5.38	<=13	Pass
	819	6	0	5.32	<=13	Pass
	823.3	6	0	5.38	<=13	Pass
16QAM	814.7	6	0	6.15	<=13	Pass
	819	6	0	6.09	<=13	Pass
	823.3	6	0	6.11	<=13	Pass
64QAM	814.7	6	0	6.43	<=13	Pass
	819	6	0	6.37	<=13	Pass
	823.3	6	0	6.42	<=13	Pass

3.1.2 Test Graph

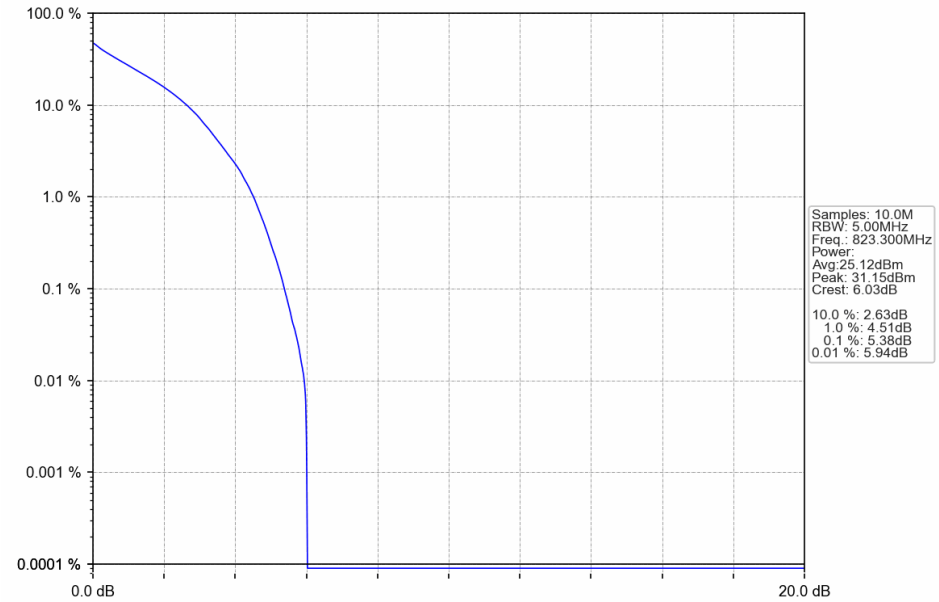
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



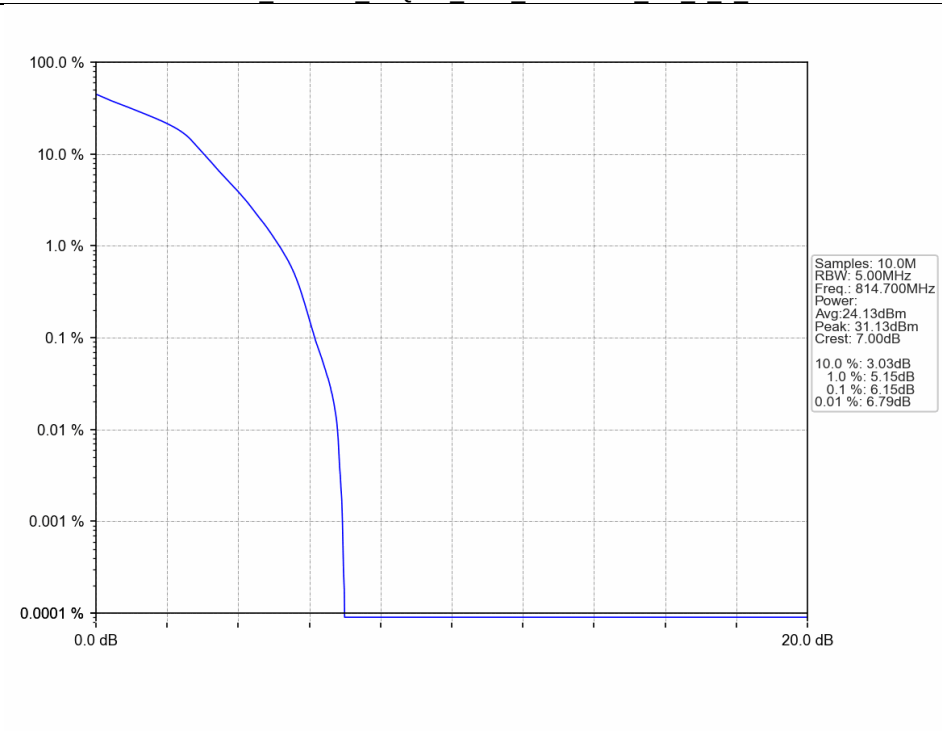
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



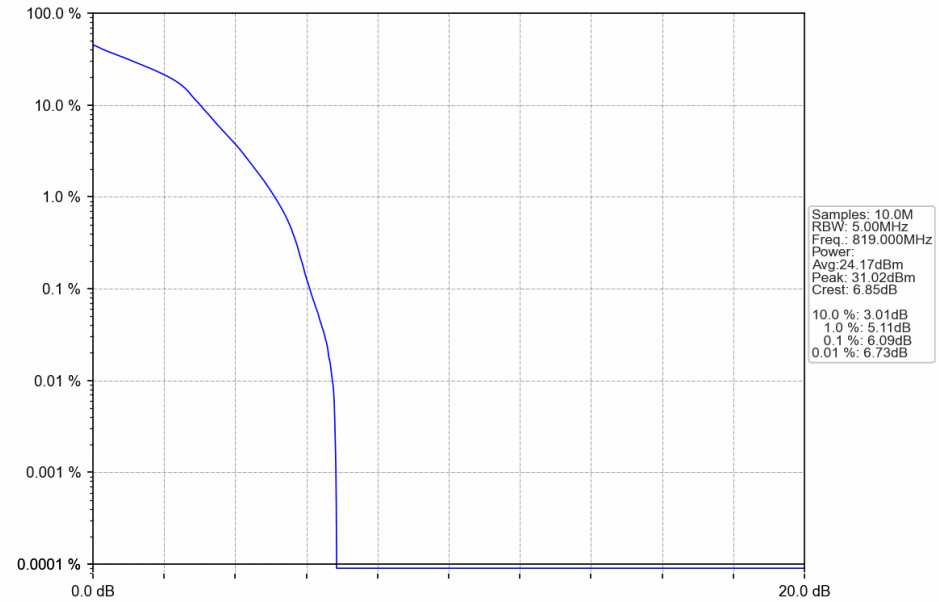
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



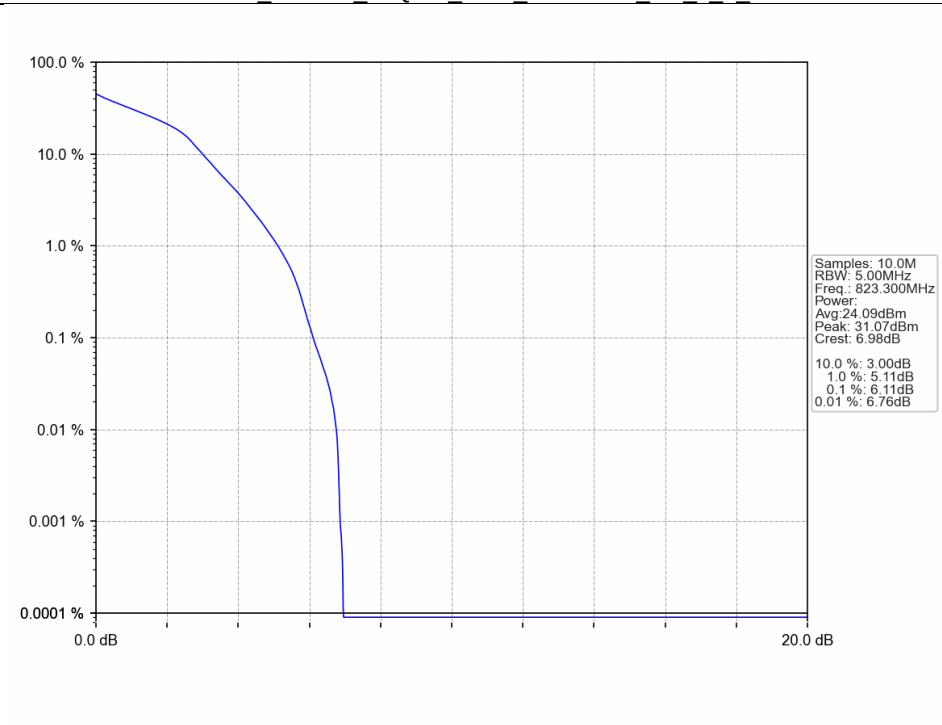
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



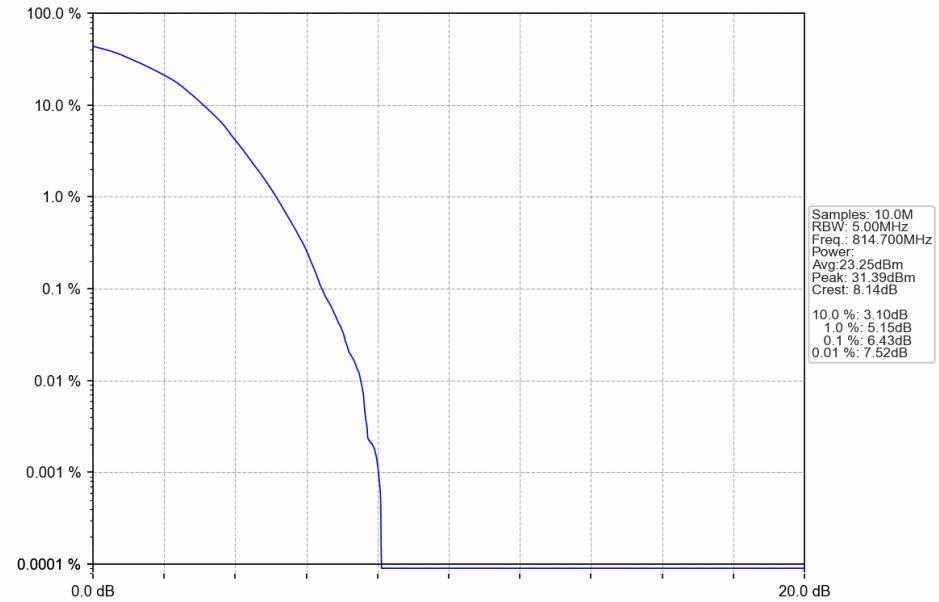
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



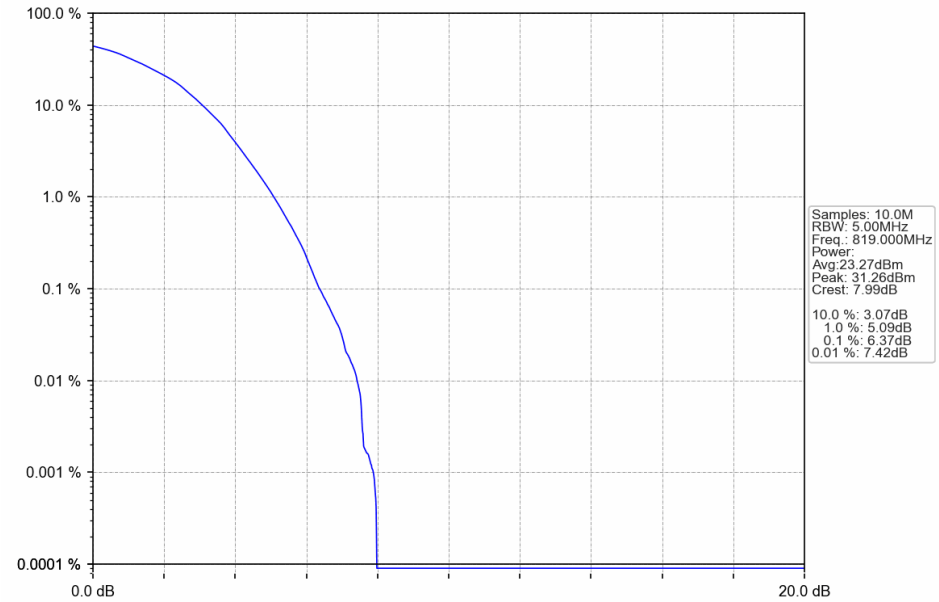
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



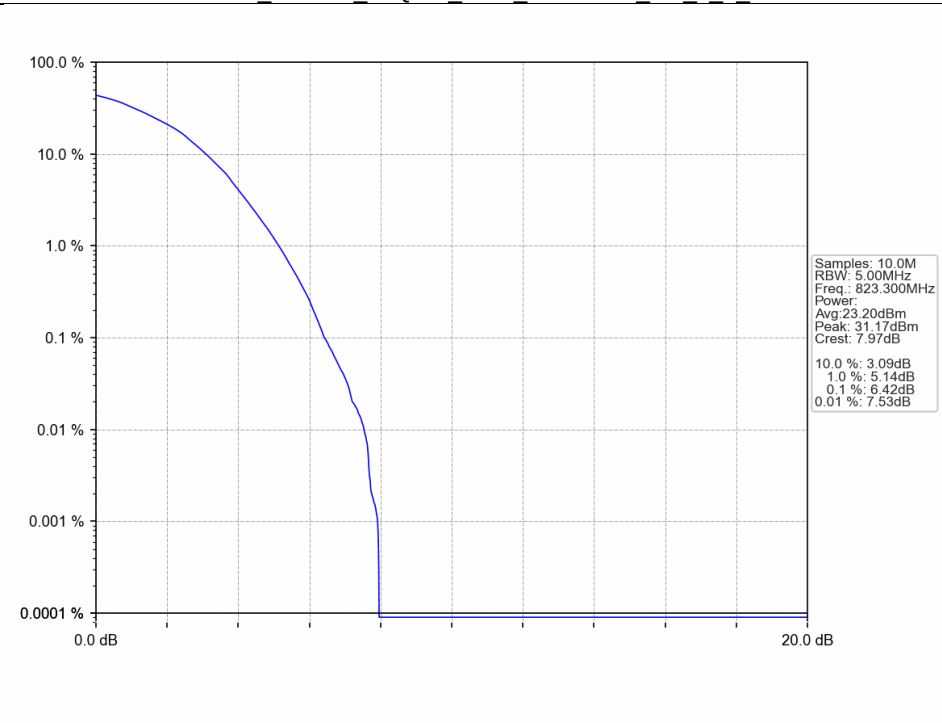
Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



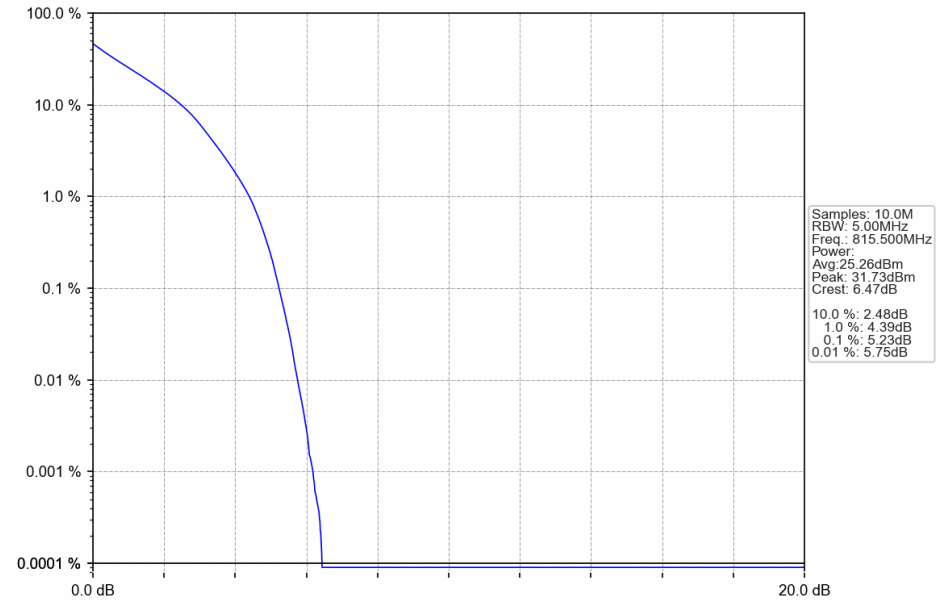
3.2 B26a_3MHz

3.2.1 Test Result

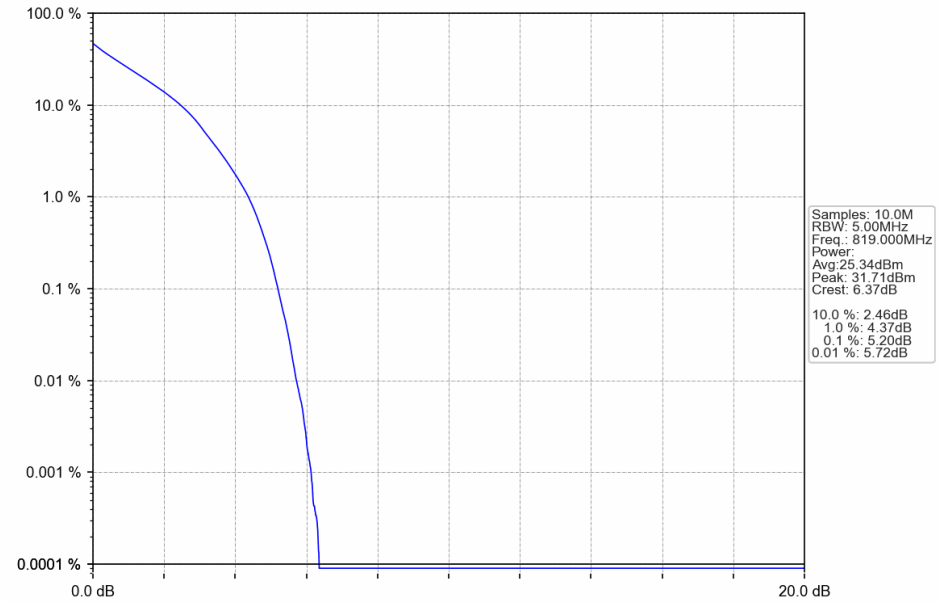
Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	5.23	<=13	Pass
	819	15	0	5.20	<=13	Pass
	822.5	15	0	5.25	<=13	Pass
16QAM	815.5	15	0	6.02	<=13	Pass
	819	15	0	6.02	<=13	Pass
	822.5	15	0	6.03	<=13	Pass
64QAM	815.5	15	0	6.64	<=13	Pass
	819	15	0	6.60	<=13	Pass
	822.5	15	0	6.62	<=13	Pass

3.2.2 Test Graph

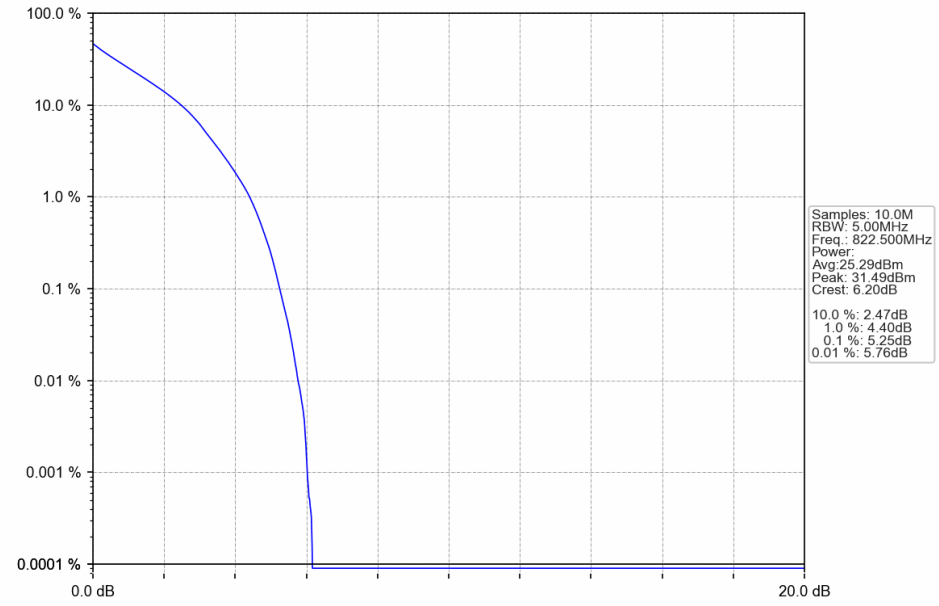
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



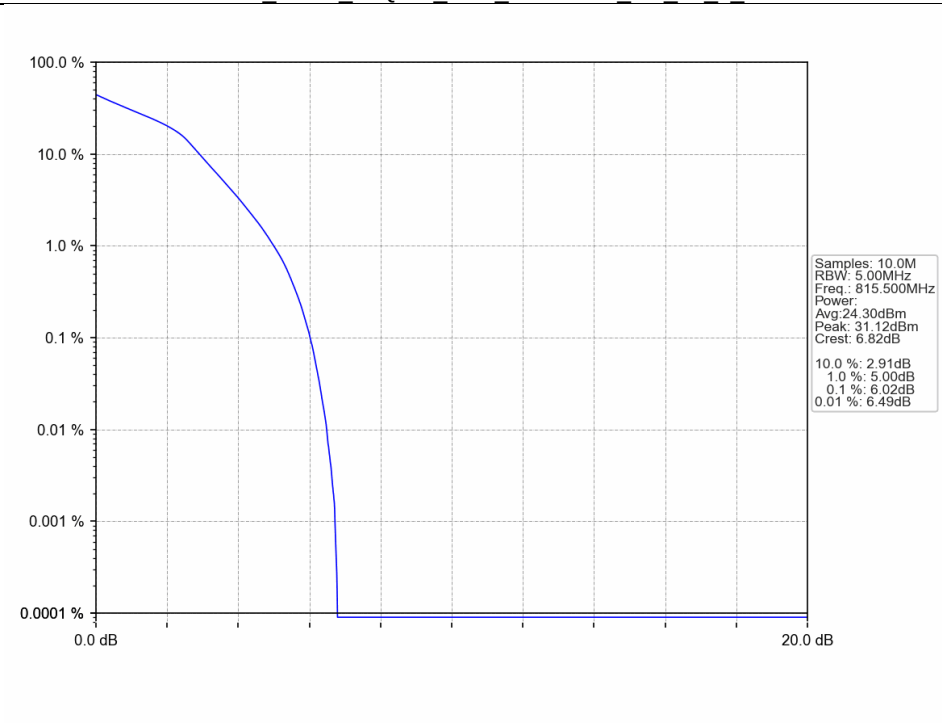
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



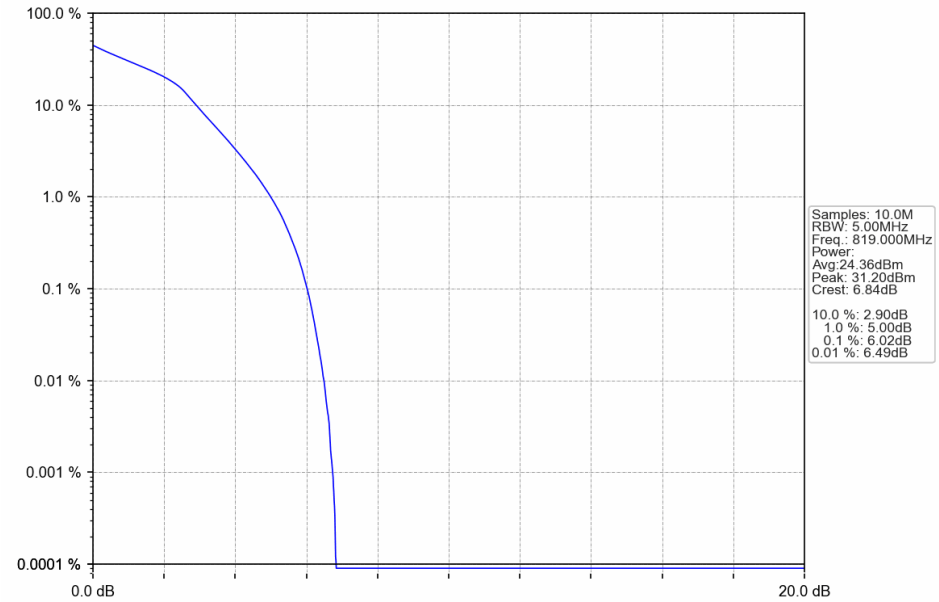
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



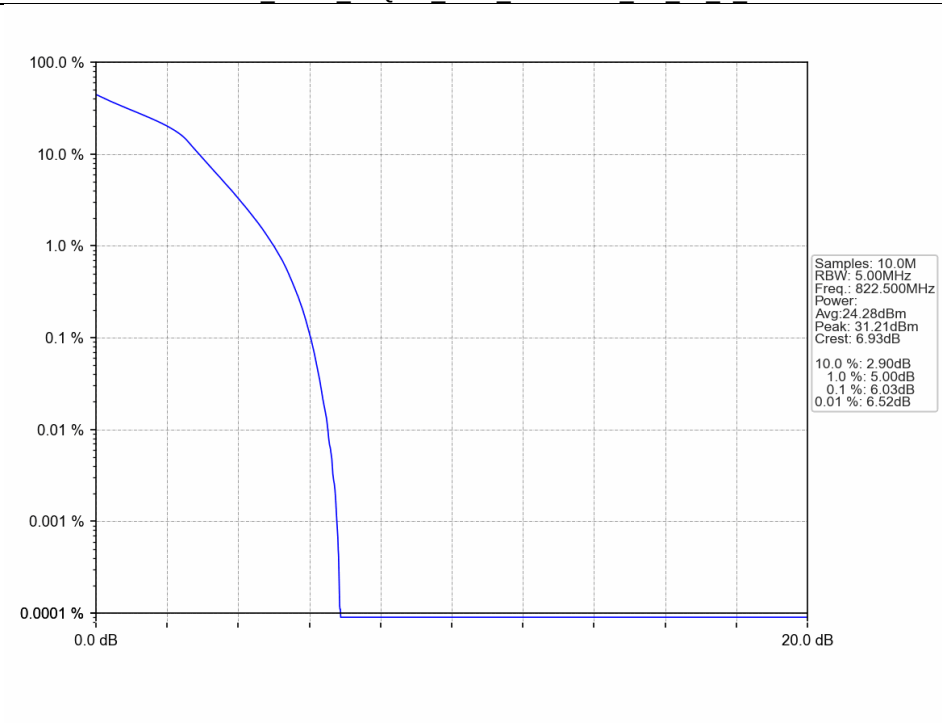
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



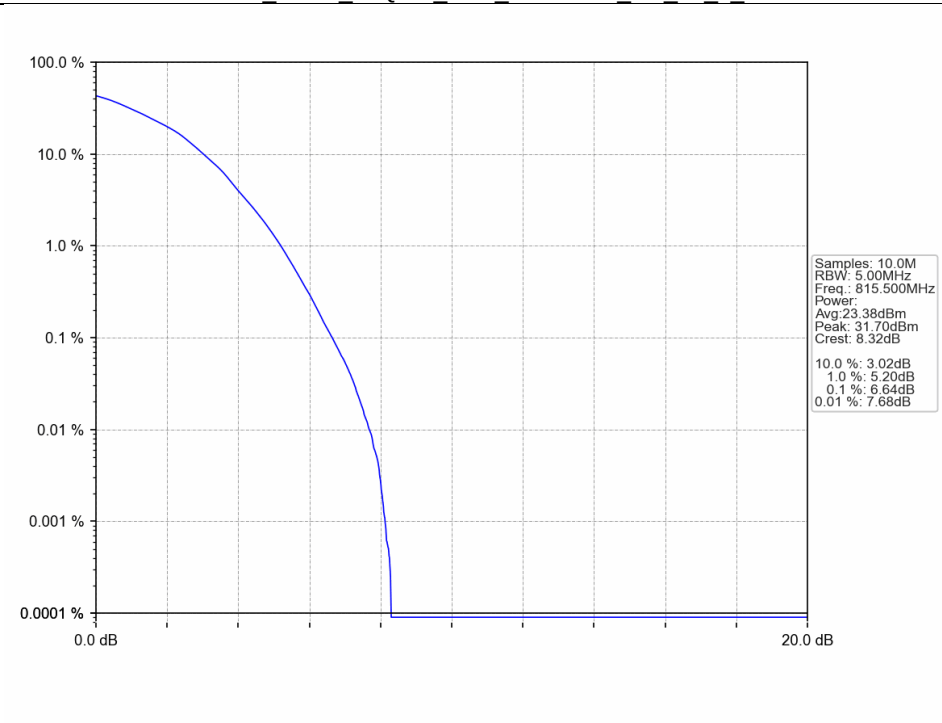
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



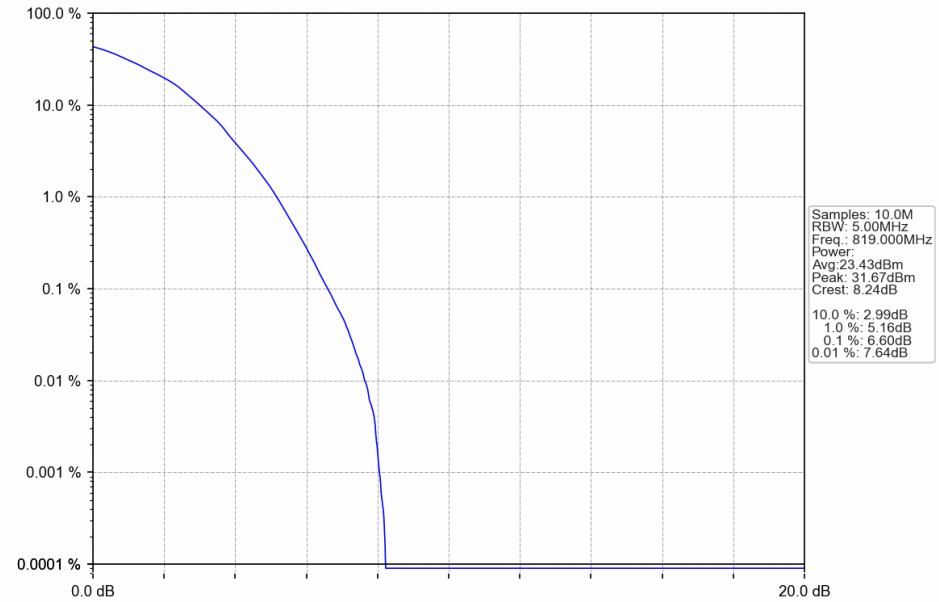
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



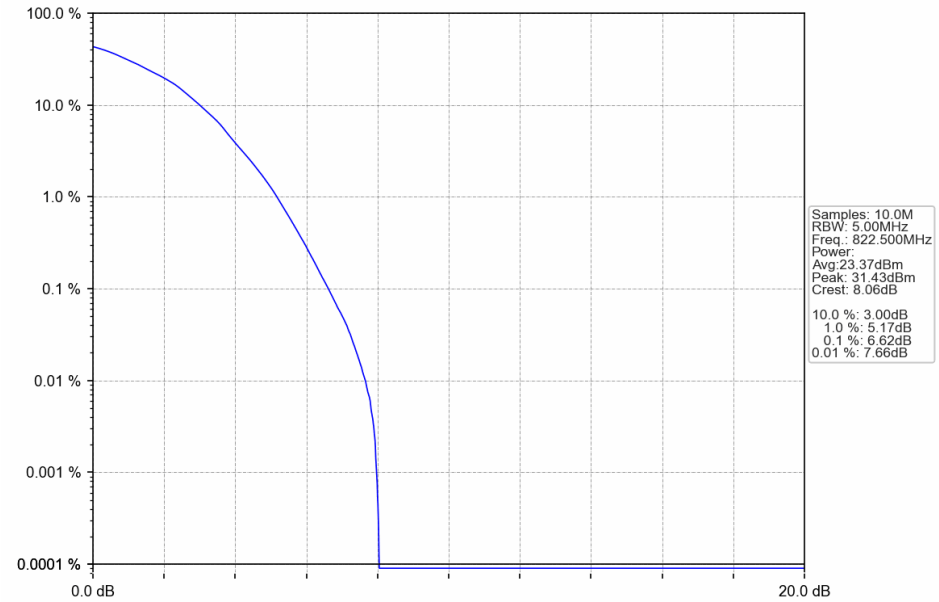
Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



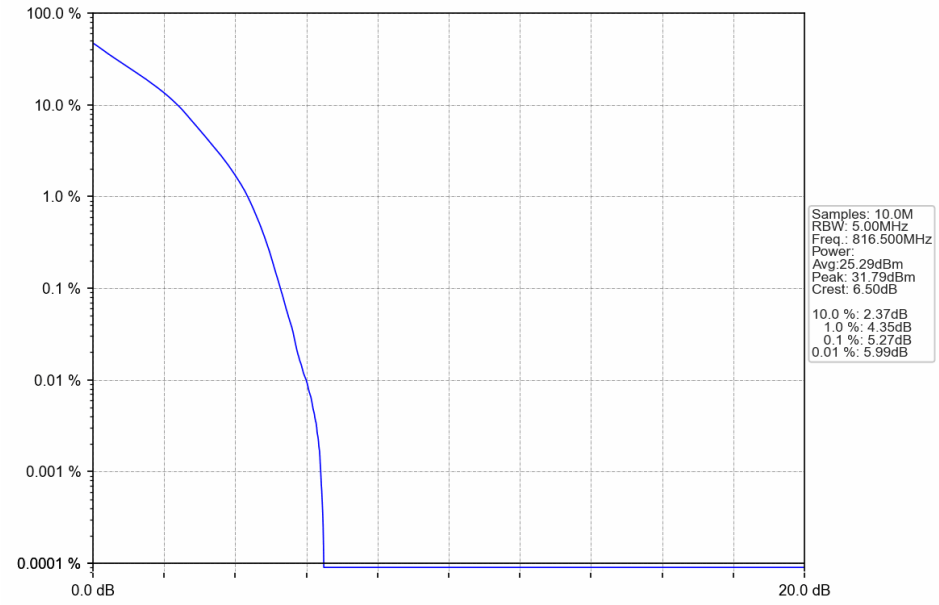
3.3 B26a_5MHz

3.3.1 Test Result

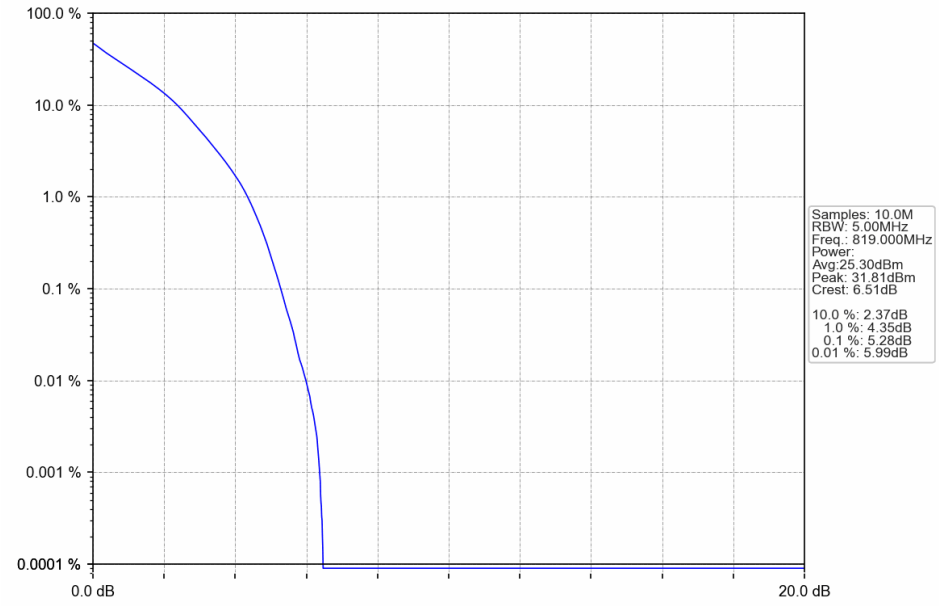
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.27	<=13	Pass
	819	25	0	5.28	<=13	Pass
	821.5	25	0	5.31	<=13	Pass
16QAM	816.5	25	0	5.99	<=13	Pass
	819	25	0	6.01	<=13	Pass
	821.5	25	0	6.03	<=13	Pass
64QAM	816.5	25	0	6.57	<=13	Pass
	819	25	0	6.59	<=13	Pass
	821.5	25	0	6.59	<=13	Pass

3.3.2 Test Graph

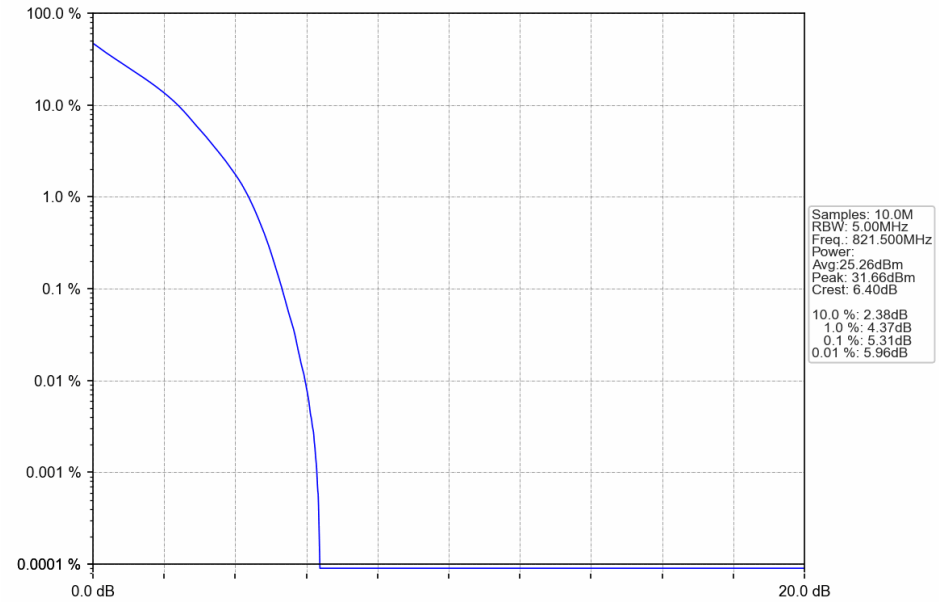
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



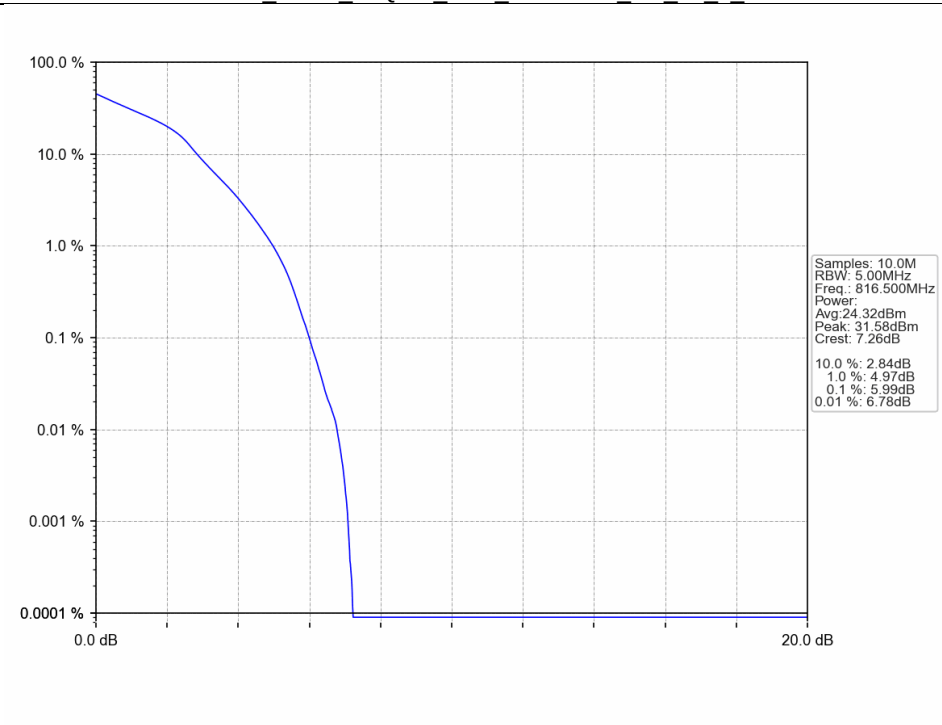
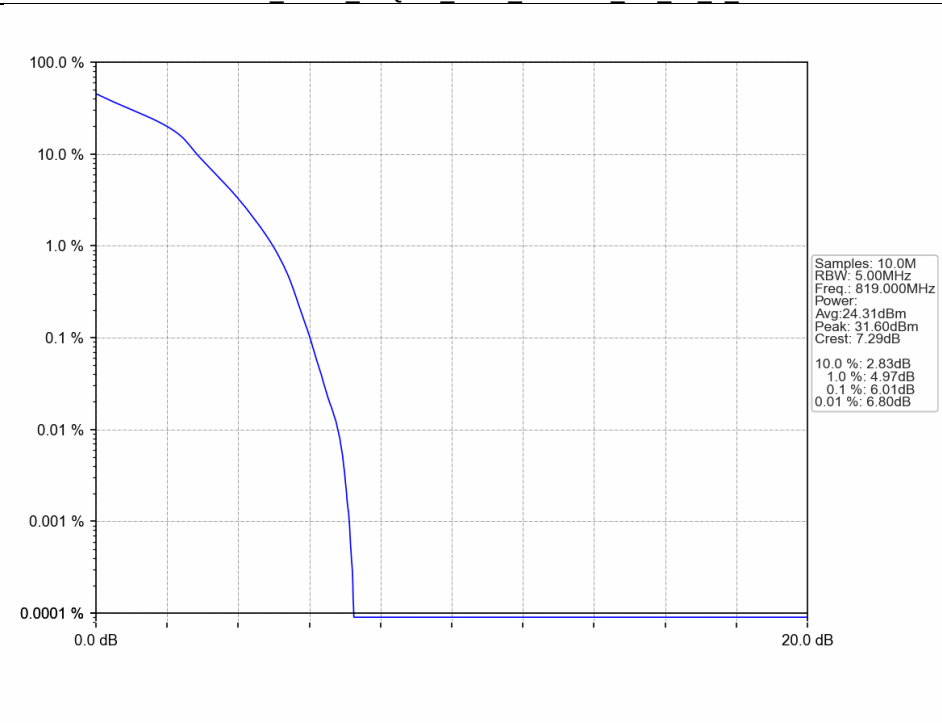
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV