1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	23.29	<=50	Pass
			2	23.27	<=50	Pass
			5	23.28	<=50	Pass
		3	0	23.37	<=50	Pass
			2	23.41	<=50	Pass
			3	23.41	<=50	Pass
		6	0	22.40	<=50	Pass
	819	1	0	23.28	<=50	Pass
			2	23.27	<=50	Pass
			5	23.23	<=50	Pass
		3	0	23.40	<=50	Pass
			2	23.44	<=50	Pass
			3	23.41	<=50	Pass
		6	0	22.48	<=50	Pass
	823.3	1	0	22.57	<=50	Pass
			2	22.53	<=50	Pass
			5	22.53	<=50	Pass
		3	0	22.51	<=50	Pass
			2	22.50	<=50	Pass
			3	22.49	<=50	Pass
		6	0	22.49	<=50	Pass
16QAM	814.7	1	0	22.28	<=50	Pass
			2	22.49	<=50	Pass
			5	22.34	<=50	Pass
		3	0	22.53	<=50	Pass
			2	22.51	<=50	Pass
			3	22.65	<=50	Pass
		6	0	21.46	<=50	Pass
	819	1	0	22.44	<=50	Pass
			2	22.35	<=50	Pass
			5	22.30	<=50	Pass
		3	0	22.39	<=50	Pass
			2	22.45	<=50	Pass
			3	22.51	<=50	Pass
		6	0	21.54	<=50	Pass
	823.3	1	0	22.50	<=50	Pass
			2	22.41	<=50	Pass
			5	22.42	<=50	Pass
		3	0	22.65	<=50	Pass
			2	22.48	<=50	Pass
			3	22.69	<=50	Pass
		6	0	21.49	<=50	Pass

1.1.2 B26a_3MHz_ERP

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	23.52	<=50	Pass
			7	23.34	<=50	Pass
			14	23.30	<=50	Pass
		8	0	22.44	<=50	Pass
			4	22.44	<=50	Pass
			7	22.42	<=50	Pass
		15	0	22.37	<=50	Pass
	819	1	0	23.21	<=50	Pass
			7	23.32	<=50	Pass
			14	23.20	<=50	Pass
		8	0	22.41	<=50	Pass
			4	22.43	<=50	Pass
			7	22.43	<=50	Pass
		15	0	22.42	<=50	Pass
	822.5	1	0	23.15	<=50	Pass
			7	23.33	<=50	Pass
			14	23.23	<=50	Pass
		8	0	22.38	<=50	Pass
			4	22.47	<=50	Pass
			7	22.41	<=50	Pass
		15	0	22.42	<=50	Pass
16QAM	815.5	1	0	22.83	<=50	Pass
			7	22.52	<=50	Pass
			14	22.24	<=50	Pass
		8	0	21.53	<=50	Pass
			4	21.46	<=50	Pass
			7	21.46	<=50	Pass
		15	0	21.45	<=50	Pass
	819	1	0	22.22	<=50	Pass
			7	22.90	<=50	Pass
			14	22.40	<=50	Pass
		8	0	21.45	<=50	Pass
			4	21.60	<=50	Pass
			7	21.42	<=50	Pass
		15	0	21.47	<=50	Pass
	822.5	1	0	22.40	<=50	Pass
			7	22.39	<=50	Pass
			14	22.72	<=50	Pass
		8	0	21.39	<=50	Pass
			4	21.54	<=50	Pass
			7	21.57	<=50	Pass
		15	0	21.36	<=50	Pass

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	23.41	<=50	Pass
			13	23.57	<=50	Pass
			24	23.43	<=50	Pass
		12	0	22.29	<=50	Pass
			6	22.47	<=50	Pass
			13	22.49	<=50	Pass
		25	0	22.42	<=50	Pass
	819	1	0	23.44	<=50	Pass
			13	23.54	<=50	Pass
			24	23.46	<=50	Pass
		12	0	22.42	<=50	Pass
			6	22.42	<=50	Pass
			13	22.45	<=50	Pass
		25	0	22.47	<=50	Pass
	821.5	1	0	23.41	<=50	Pass
			13	23.54	<=50	Pass
			24	23.42	<=50	Pass
		12	0	22.44	<=50	Pass
			6	22.51	<=50	Pass
			13	22.47	<=50	Pass
		25	0	22.47	<=50	Pass
16QAM	816.5	1	0	22.74	<=50	Pass
			13	22.66	<=50	Pass
			24	22.29	<=50	Pass
		12	0	21.38	<=50	Pass
			6	21.47	<=50	Pass
			13	21.44	<=50	Pass
		25	0	21.47	<=50	Pass
	819	1	0	22.28	<=50	Pass
			13	22.80	<=50	Pass
			24	22.57	<=50	Pass
		12	0	21.37	<=50	Pass
			6	21.50	<=50	Pass
			13	21.46	<=50	Pass
		25	0	21.50	<=50	Pass
	821.5	1	0	22.51	<=50	Pass
			13	22.41	<=50	Pass
			24	22.72	<=50	Pass
		12	0	21.40	<=50	Pass
			6	21.47	<=50	Pass
			13	21.50	<=50	Pass
		25	0	21.50	<=50	Pass

1.1.4 B26a_10MHz_ERP

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	23.43	<=50	Pass
			25	23.47	<=50	Pass
			49	23.56	<=50	Pass
		25	0	22.34	<=50	Pass
			13	22.52	<=50	Pass
			25	22.51	<=50	Pass
		50	0	22.43	<=50	Pass
16QAM	819	1	0	22.63	<=50	Pass
			25	22.52	<=50	Pass
			49	23.12	<=50	Pass
		25	0	21.35	<=50	Pass
			13	21.62	<=50	Pass
			25	21.60	<=50	Pass
		50	0	21.44	<=50	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_1.4MHz

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	3.27	-3.691	-0.0045	-2.5 to 2.5	Pass
					3.85	-2.632	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.465	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-2.546	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.562	-0.0044	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-7.782	-0.0095	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
					4.43	-7.153	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-3.705	-0.0045	-2.5 to 2.5	Pass
					3.85	-4.277	-0.0052	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.789	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				30	3.85	1.874	0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.774	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	-4.177	-0.0051	-2.5 to 2.5	Pass
					3.85	-6.580	-0.0081	-2.5 to 2.5	Pass
					4.43	-5.693	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-4.220	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-1.202	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.665	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-4.020	-0.0049	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0034	-2.5 to 2.5	Pass
					4.43	-2.046	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass

				0	3.85	-2.260	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-3.176	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-5.479	-0.0067	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0048	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-2.446	-0.0030	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-3.619	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass

2.1.2 B26a_3MHz

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	3.27	-2.718	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.819	-0.0047	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-2.303	-0.0028	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.675	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.731	-0.0021	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-0.257	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-4.292	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				50	3.85	1.402	0.0017	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	-2.074	-0.0025	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.633	-0.0045	-2.5 to 2.5	Pass

				-30	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-2.360	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
					4.43	-0.873	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.133	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-4.263	-0.0052	-2.5 to 2.5	Pass
					3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-2.933	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-6.981	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-7.310	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-1.459	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0029	-2.5 to 2.5	Pass

2.1.3 B26a_5MHz

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	3.27	-1.245	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0060	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-2.031	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.933	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-1.903	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0040	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-5.922	-0.0072	-2.5 to 2.5	Pass
					3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	3.562	0.0043	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.848	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass

	821.5	25	0	20	3.27	-2.518	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
					4.43	-0.372	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.389	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.333	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				30	3.85	1.745	0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-6.752	-0.0082	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.27	-3.705	-0.0045	-2.5 to 2.5	Pass
					3.85	-3.133	-0.0038	-2.5 to 2.5	Pass
					4.43	-4.706	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-2.632	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0046	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-0.744	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.233	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.420	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-2.732	-0.0033	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.164	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass

2.1.4 B26a_10MHz

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	3.27	-2.031	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0030	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass

				30	3.85	-1.273	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0030	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.27	-5.279	-0.0064	-2.5 to 2.5	Pass
					3.85	-2.847	-0.0035	-2.5 to 2.5	Pass
					4.43	-2.403	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.304	-0.0040	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	6	0	Refer To Test Graph		Pass
16QAM	819	6	0	Refer To Test Graph		Pass

3.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	15	0	Refer To Test Graph		Pass
16QAM	819	15	0	Refer To Test Graph		Pass

3.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

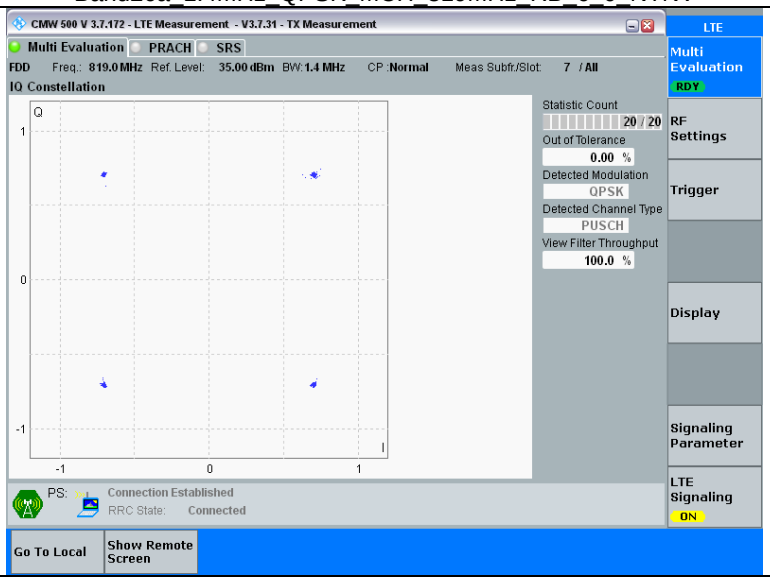
3.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

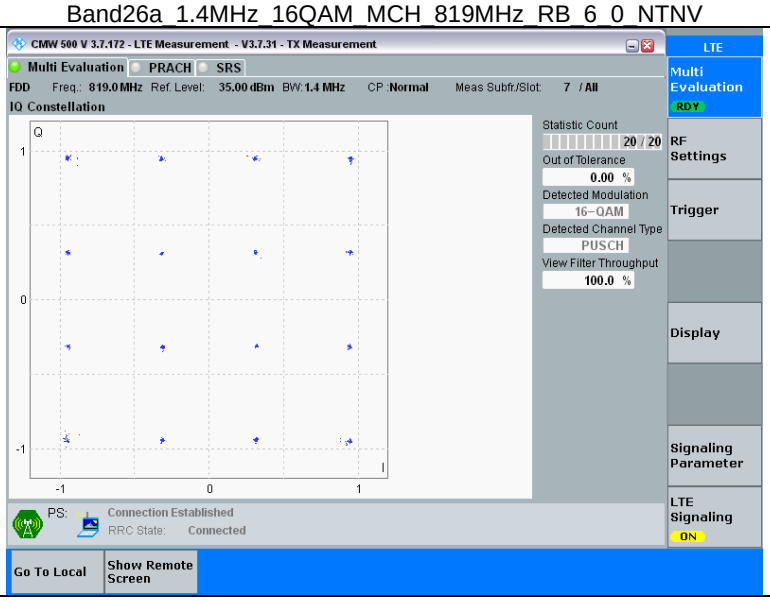
3.2 Test Graph

3.2.1 B26a_1.4MHz

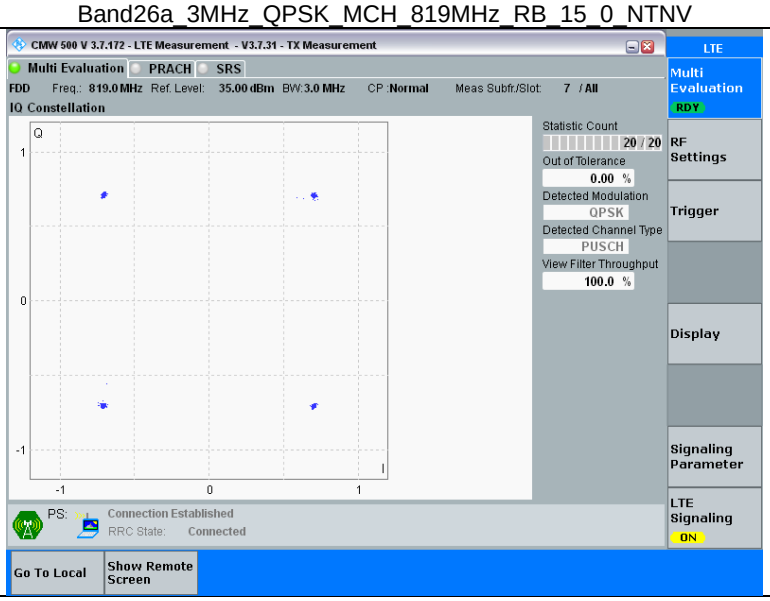
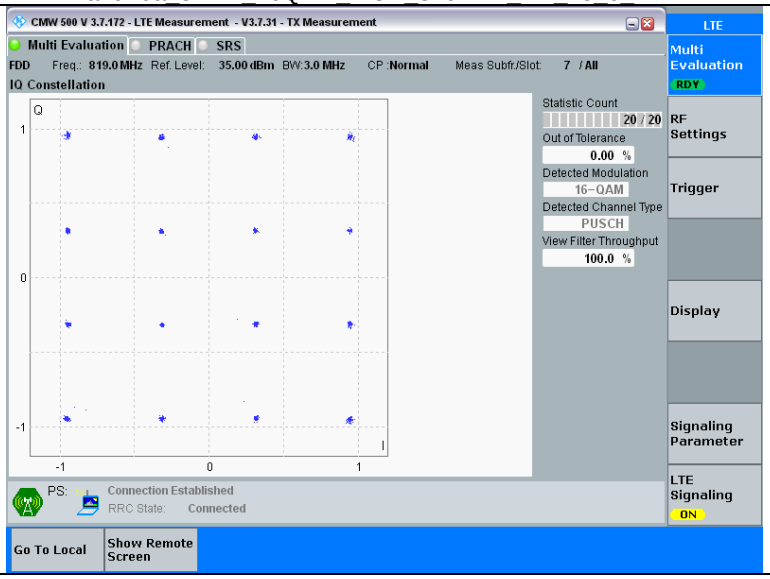
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



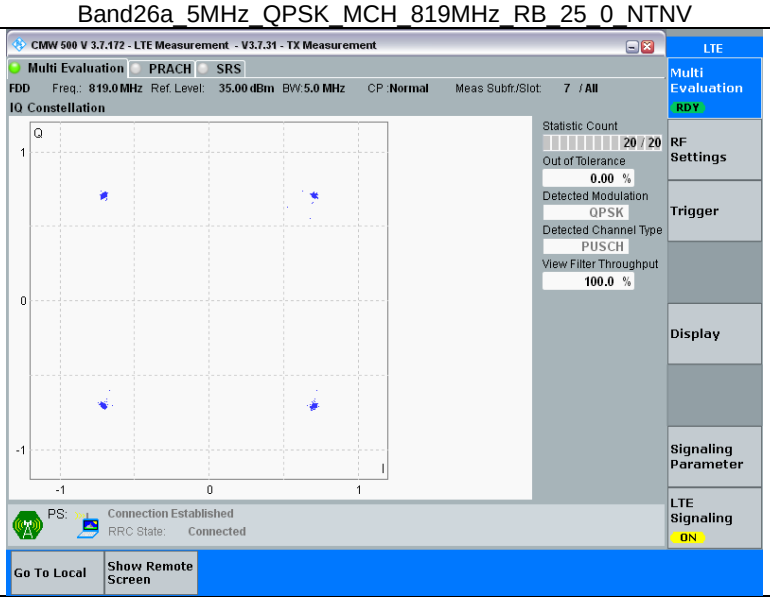
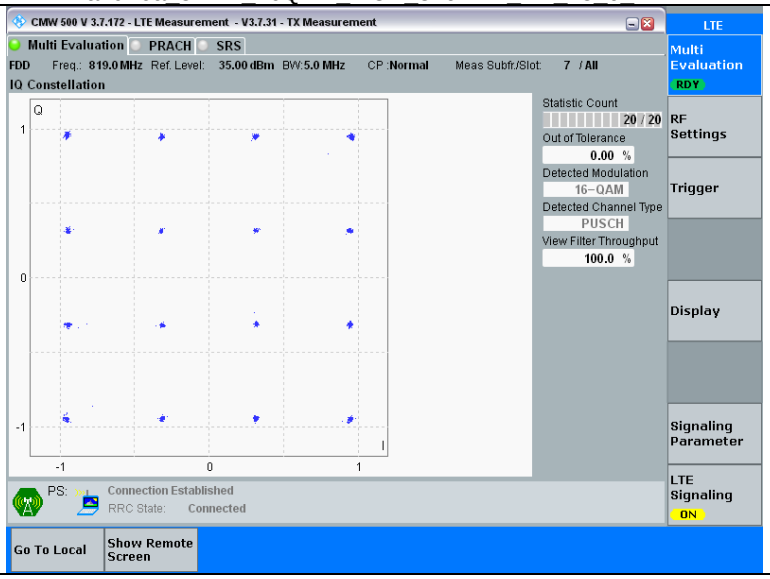
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



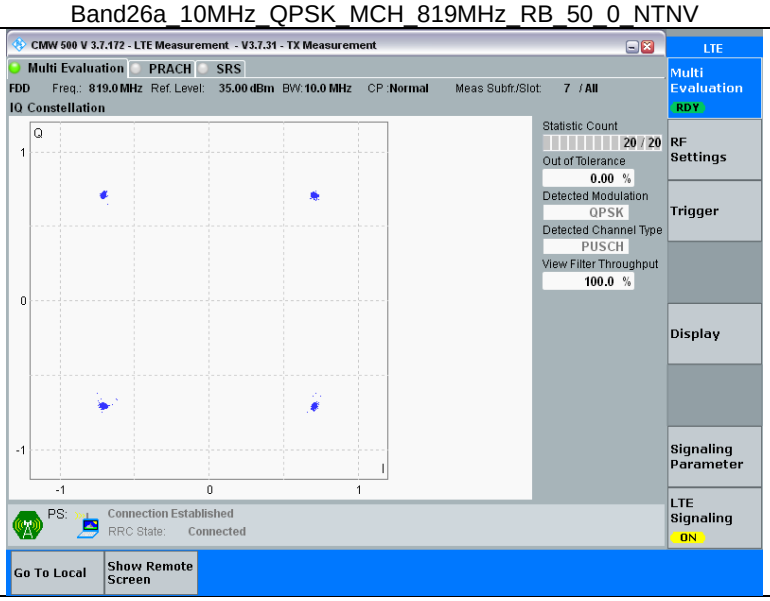
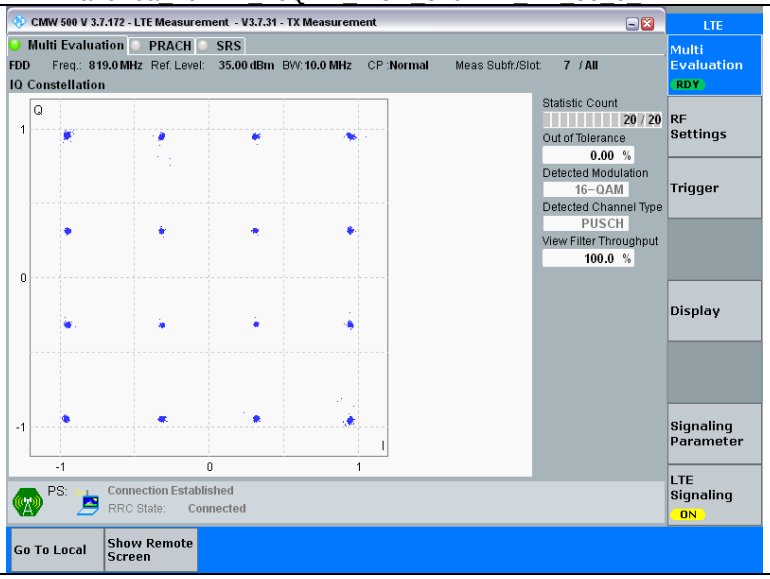
3.2.2 B26a_3MHz

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV

Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV


3.2.3 B26a_5MHz

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV

Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV


3.2.4 B26a_10MHz

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band26a_OBW

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	1.113	/	Pass
		819	6	0	1.116	/	Pass
		823.3	6	0	1.108	/	Pass
	16QAM	814.7	6	0	1.113	/	Pass
		819	6	0	1.109	/	Pass
		823.3	6	0	1.116	/	Pass
3	QPSK	815.5	15	0	2.721	/	Pass
		819	15	0	2.728	/	Pass
		822.5	15	0	2.734	/	Pass
	16QAM	815.5	15	0	2.720	/	Pass
		819	15	0	2.722	/	Pass
		822.5	15	0	2.730	/	Pass
5	QPSK	816.5	25	0	4.551	/	Pass
		819	25	0	4.538	/	Pass
		821.5	25	0	4.548	/	Pass
	16QAM	816.5	25	0	4.548	/	Pass
		819	25	0	4.522	/	Pass
		821.5	25	0	4.551	/	Pass
10	QPSK	819	50	0	9.041	/	Pass
	16QAM	819	50	0	8.998	/	Pass

4.1.2 Band26a_XDB

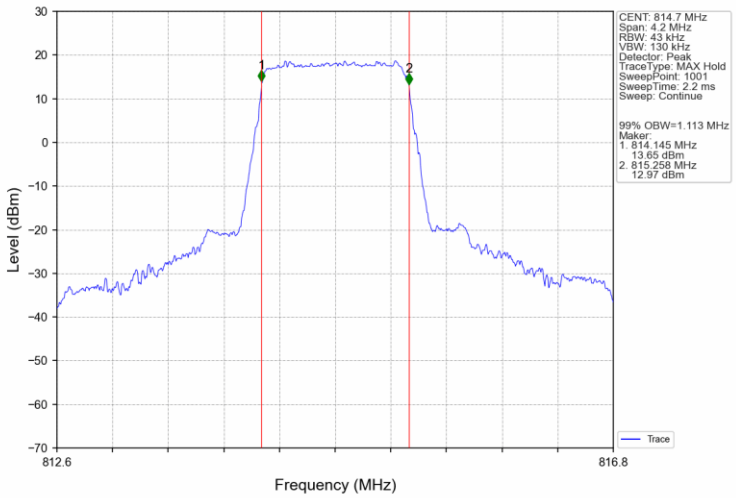
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.301	/	Pass
		819	6	0	1.303	/	Pass
		823.3	6	0	1.300	/	Pass
	16QAM	814.7	6	0	1.302	/	Pass
		819	6	0	1.315	/	Pass
		823.3	6	0	1.309	/	Pass
3	QPSK	815.5	15	0	3.023	/	Pass
		819	15	0	3.044	/	Pass
		822.5	15	0	3.040	/	Pass
	16QAM	815.5	15	0	3.046	/	Pass
		819	15	0	3.045	/	Pass
		822.5	15	0	3.043	/	Pass
5	QPSK	816.5	25	0	4.990	/	Pass
		819	25	0	4.979	/	Pass
		821.5	25	0	5.002	/	Pass
	16QAM	816.5	25	0	4.971	/	Pass
		819	25	0	4.993	/	Pass
		821.5	25	0	5.013	/	Pass
10	QPSK	819	50	0	9.886	/	Pass

	16QAM	819	50	0	9.834	/	Pass

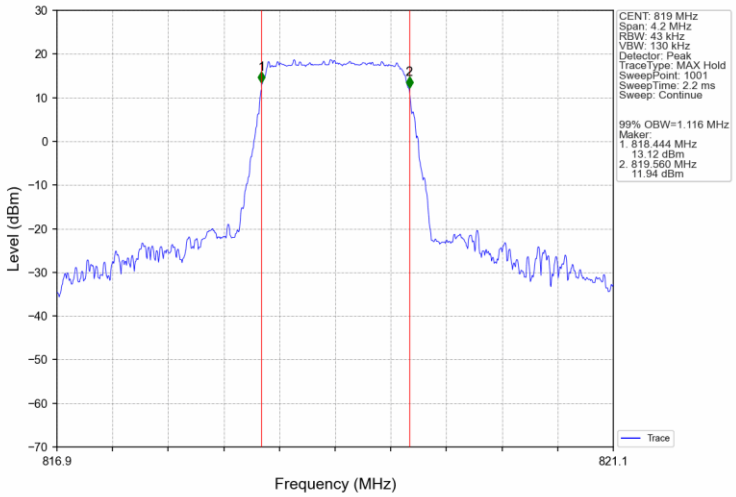
4.2 Test Graph

4.2.1 Band26a_OBW

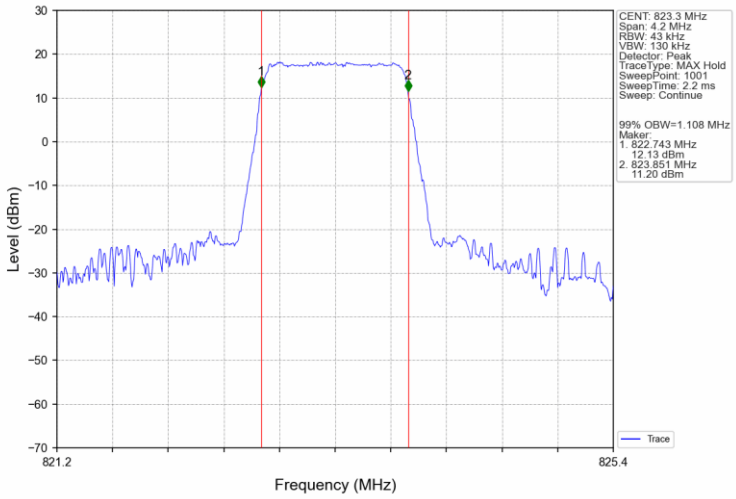
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



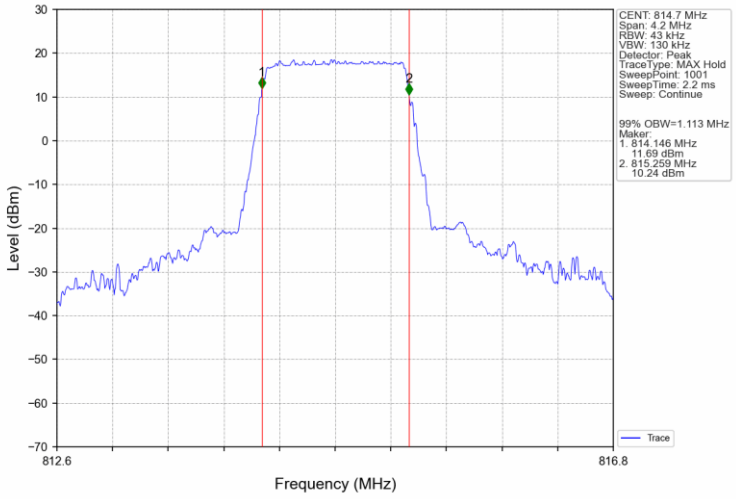
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



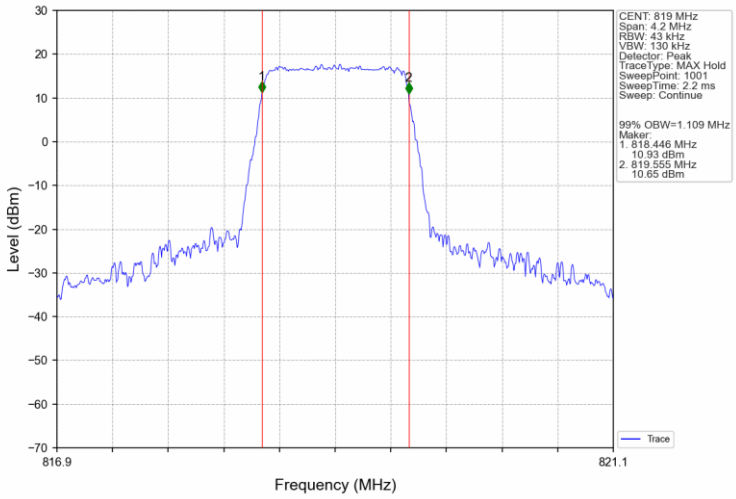
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



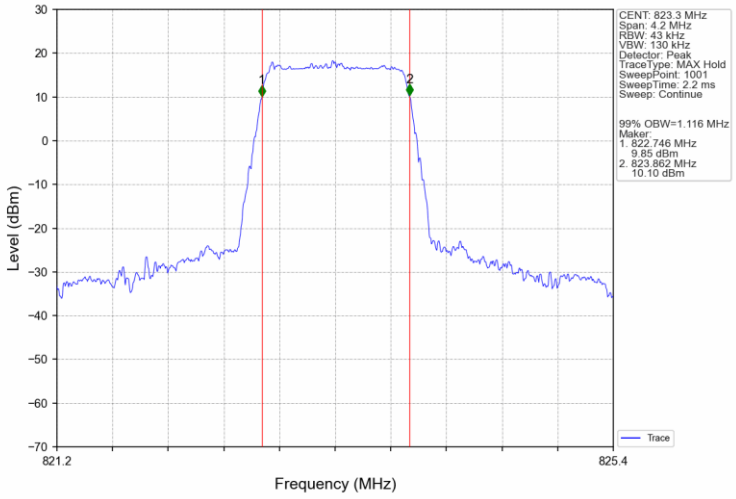
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



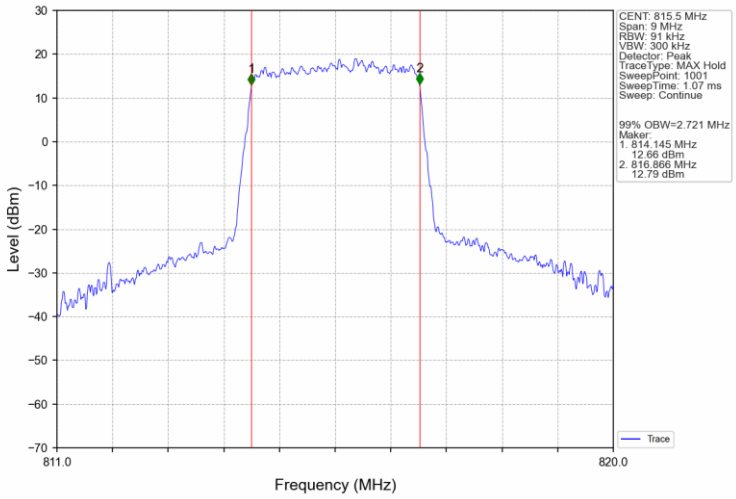
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



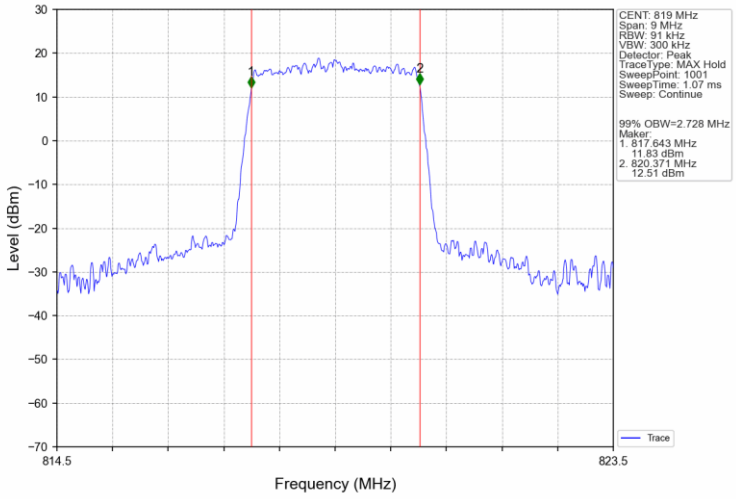
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



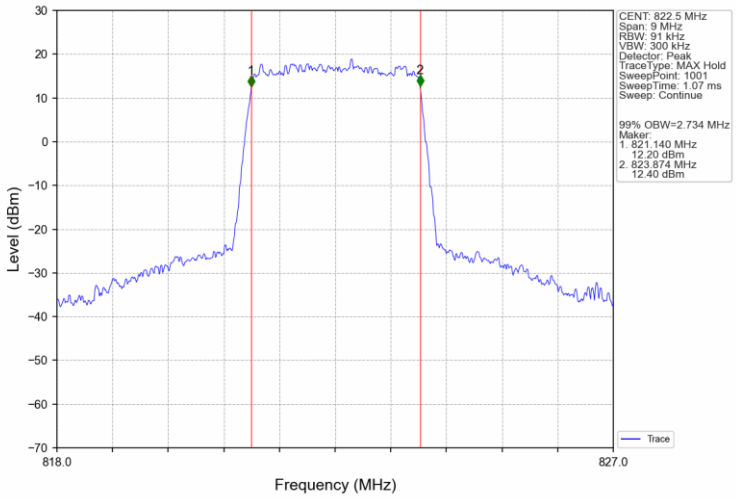
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



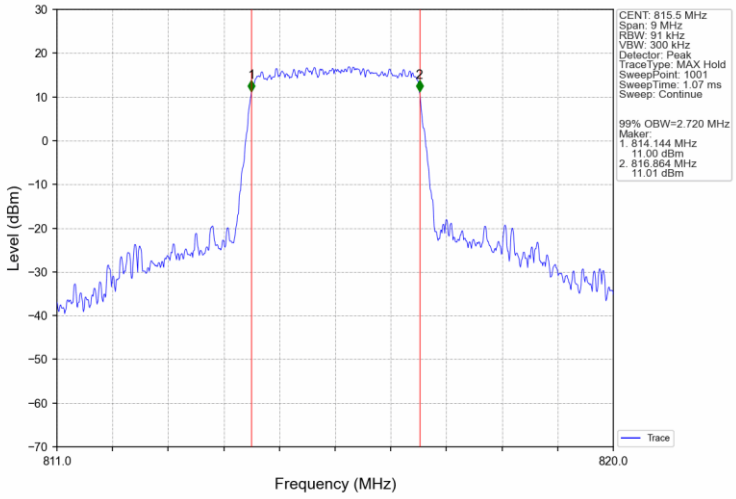
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



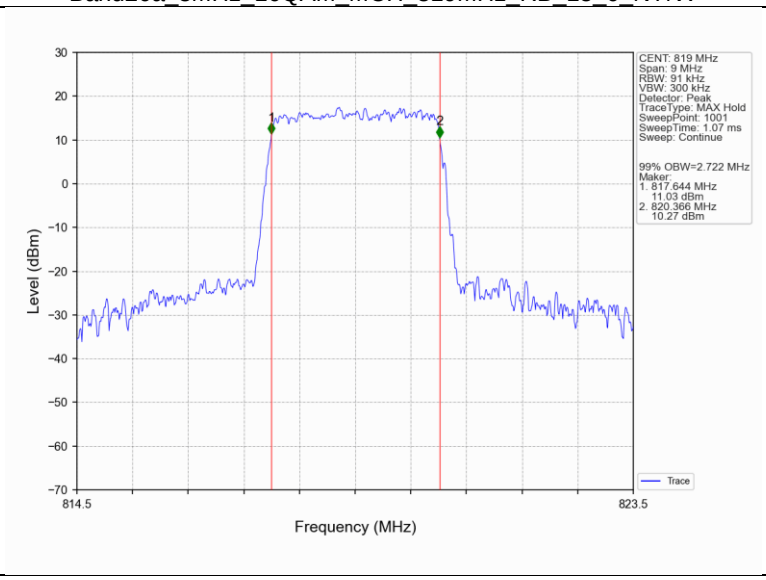
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



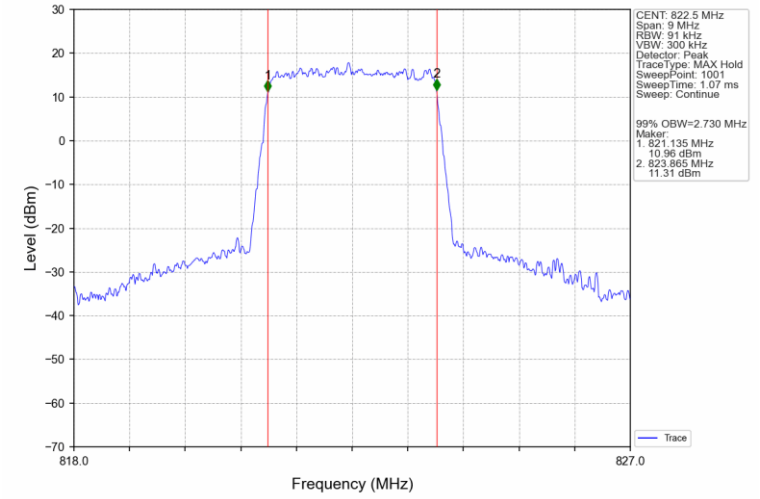
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



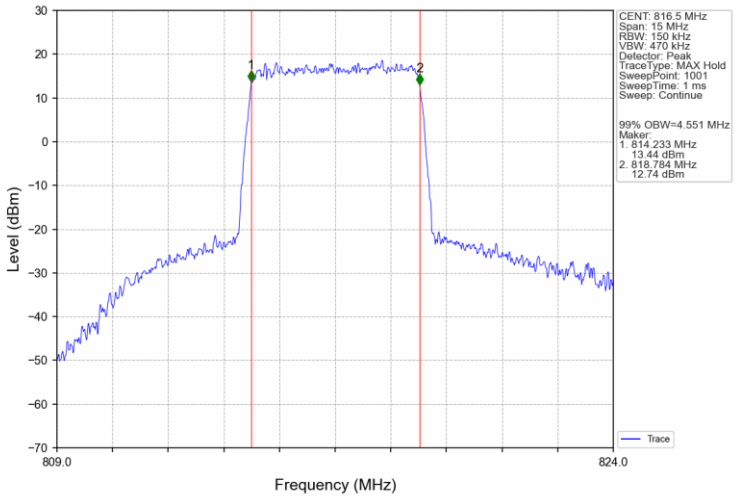
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



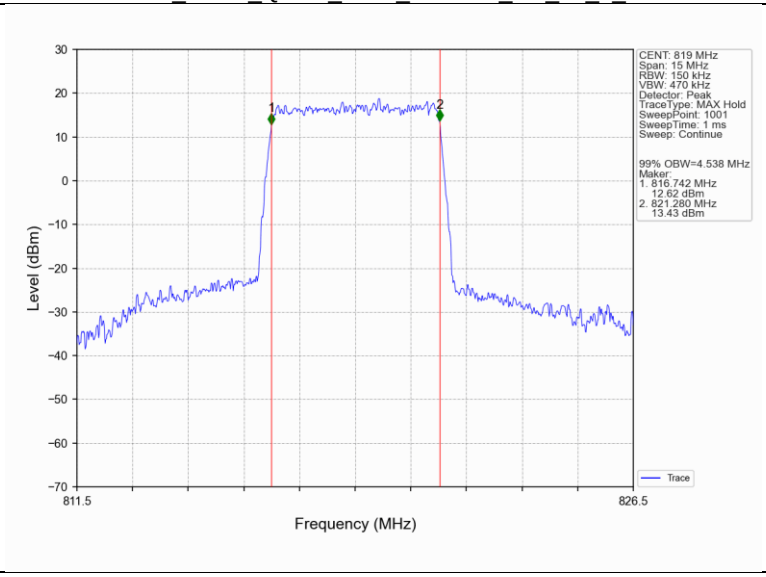
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



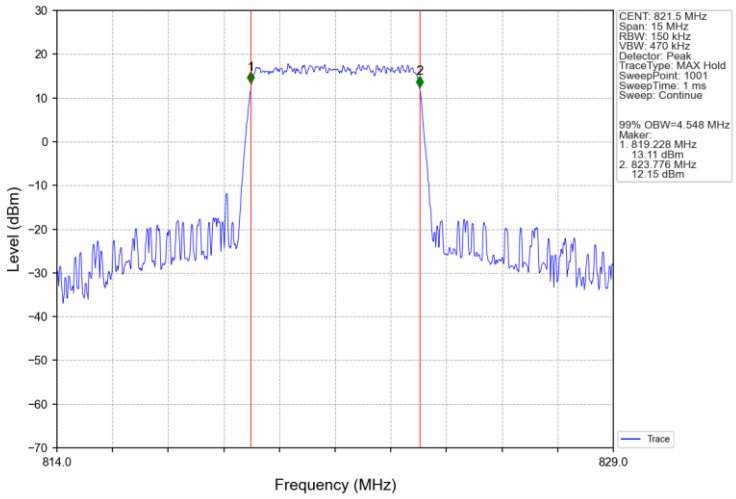
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



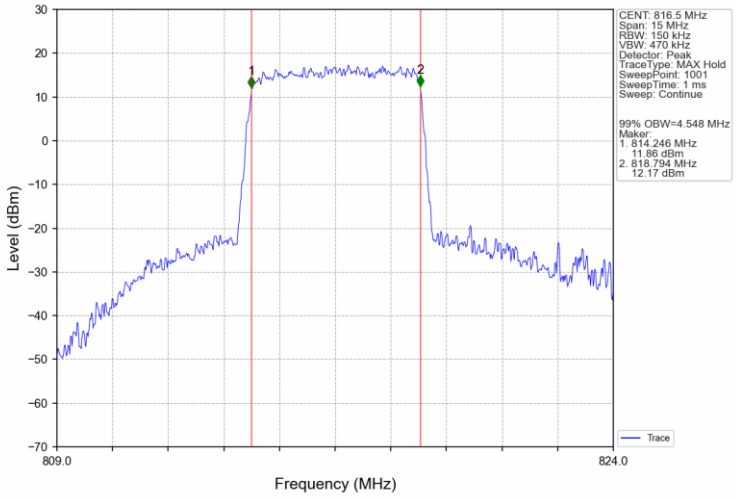
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



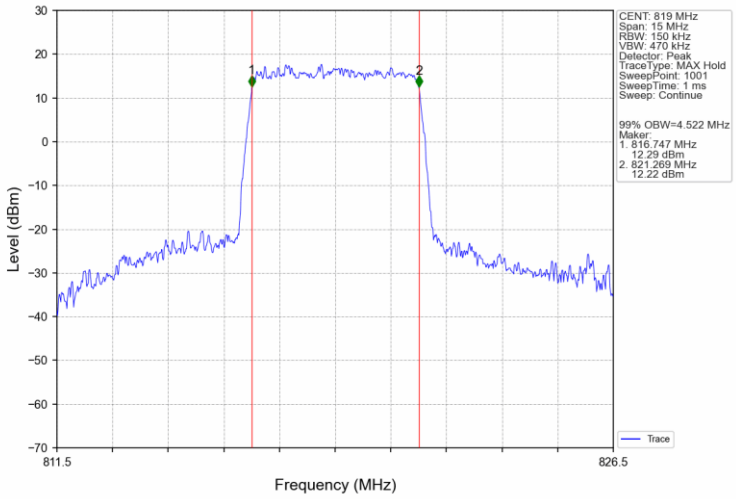
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



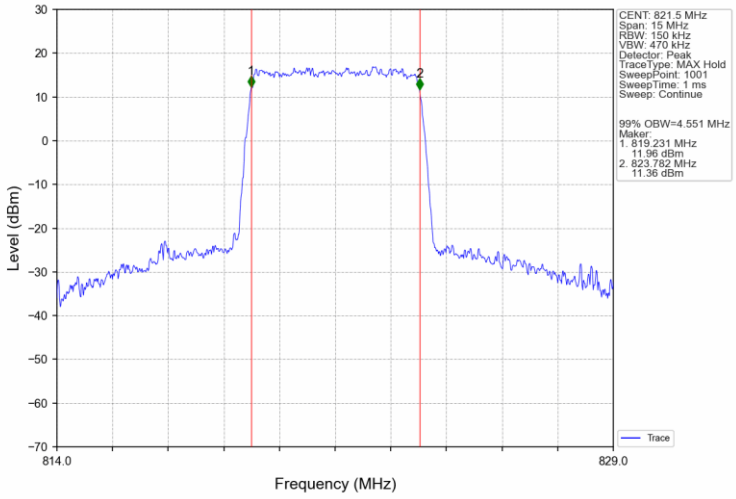
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



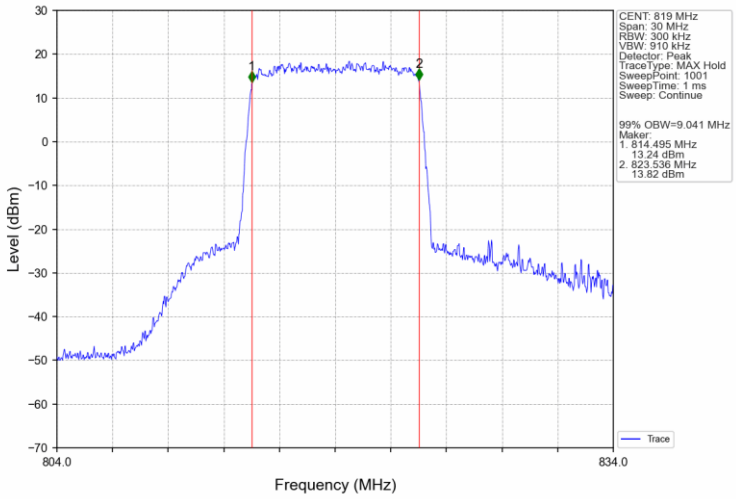
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



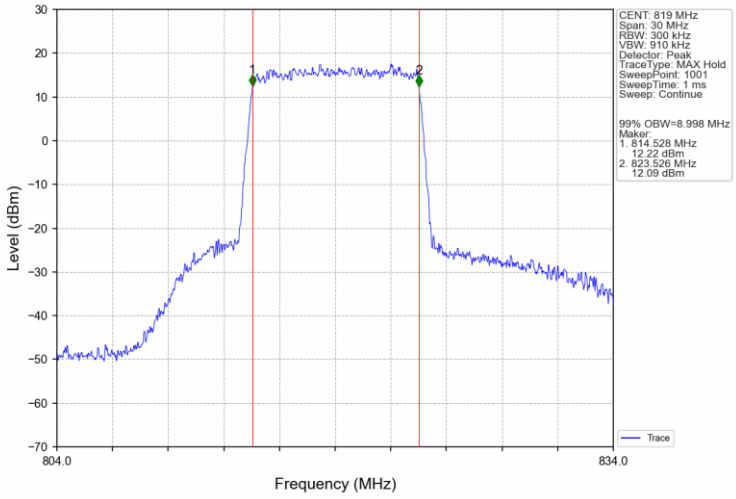
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

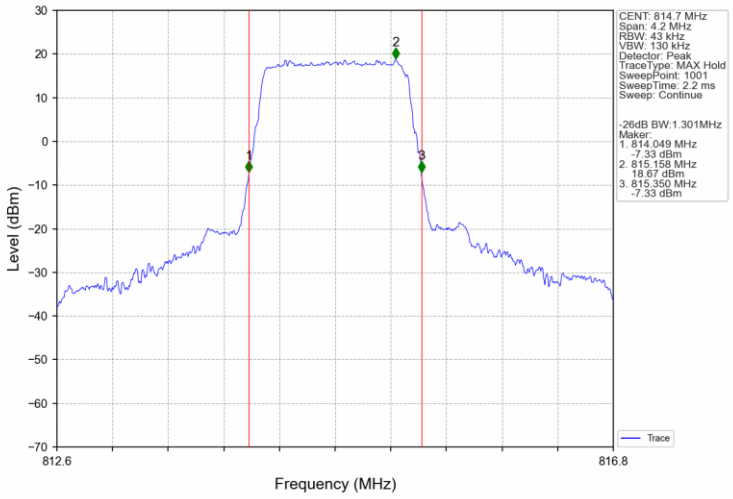


Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

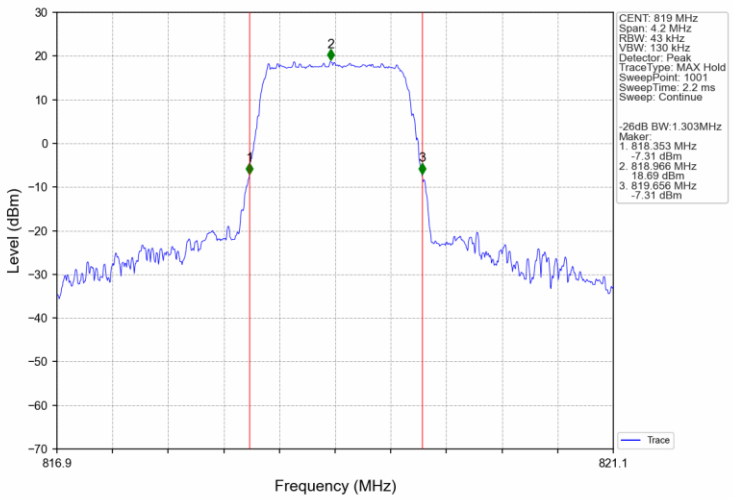


4.2.2 Band26a_XDB

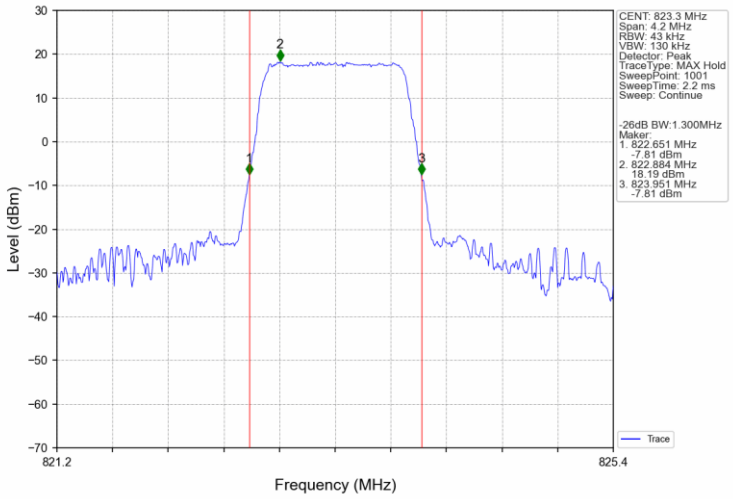
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



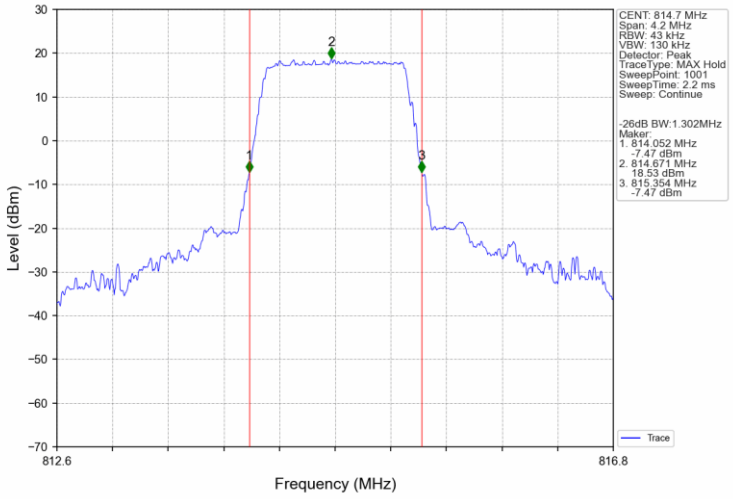
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



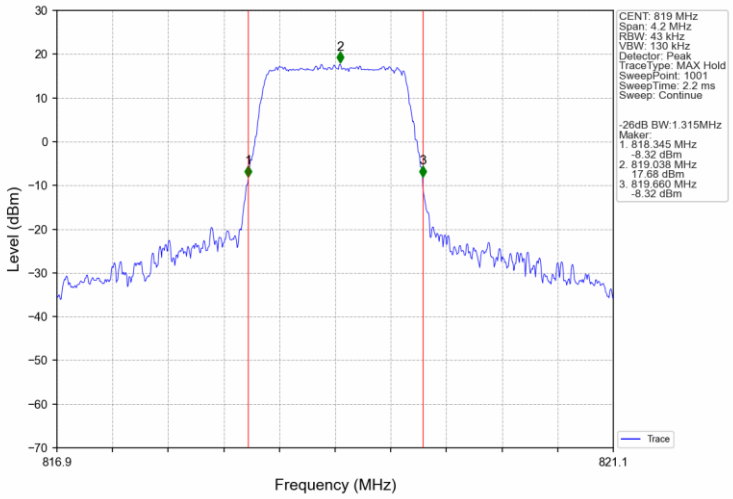
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



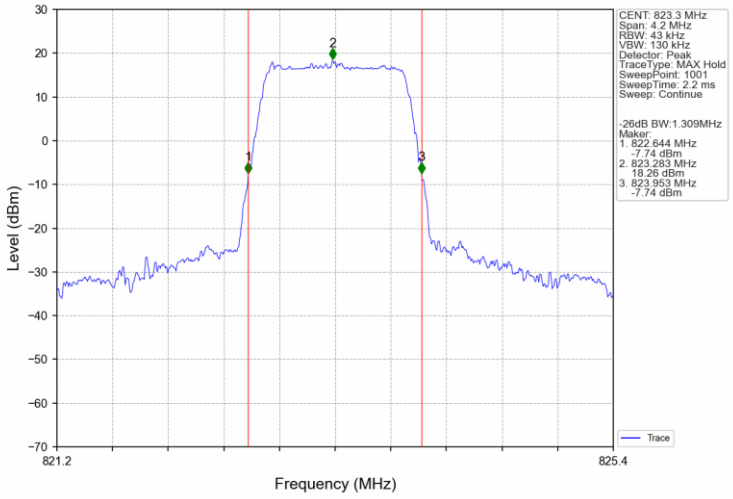
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



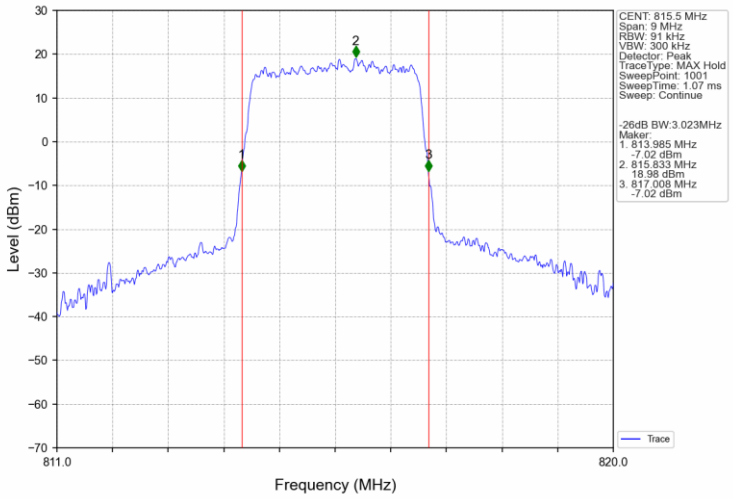
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



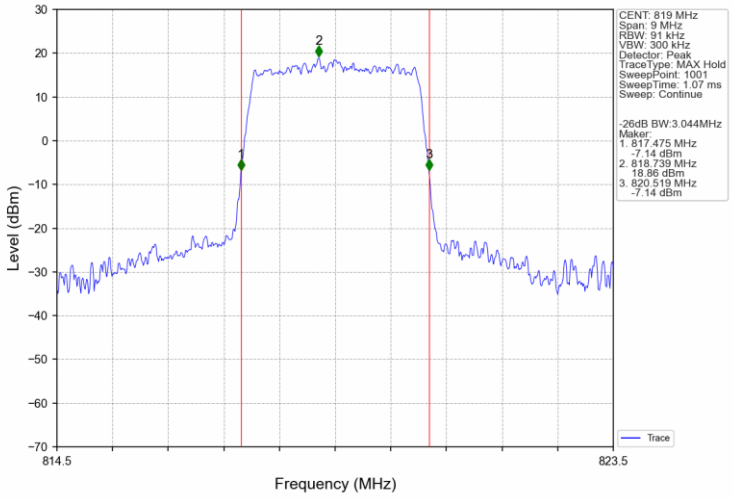
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



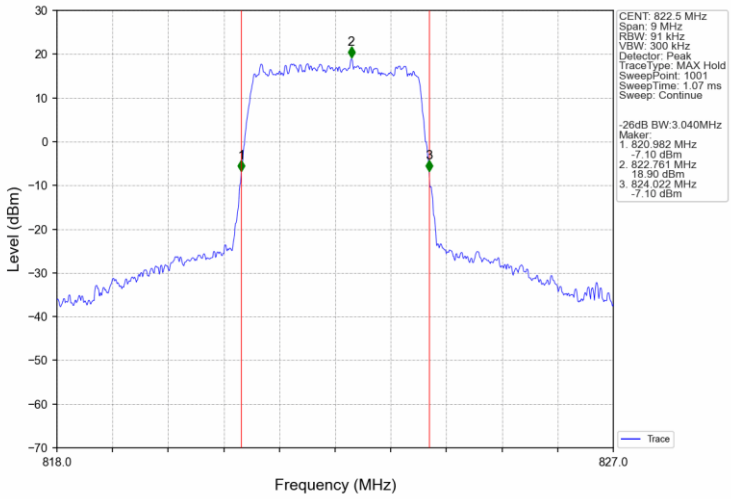
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



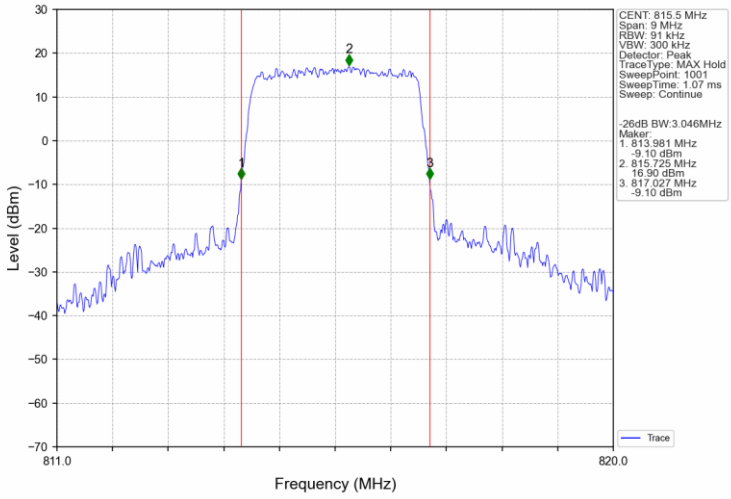
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



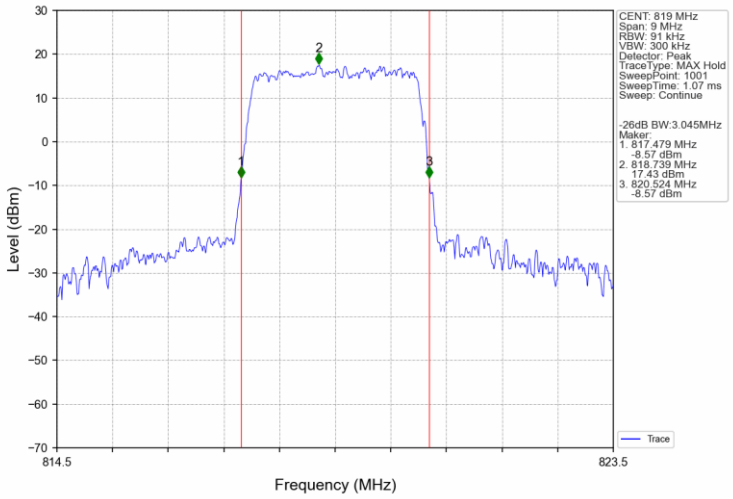
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



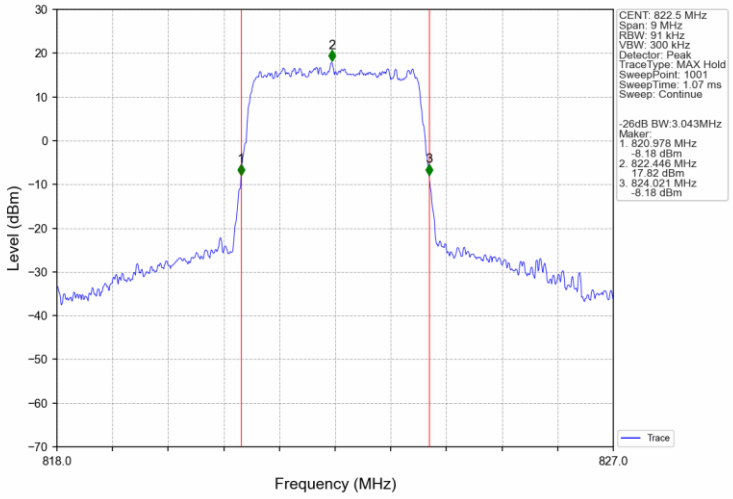
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



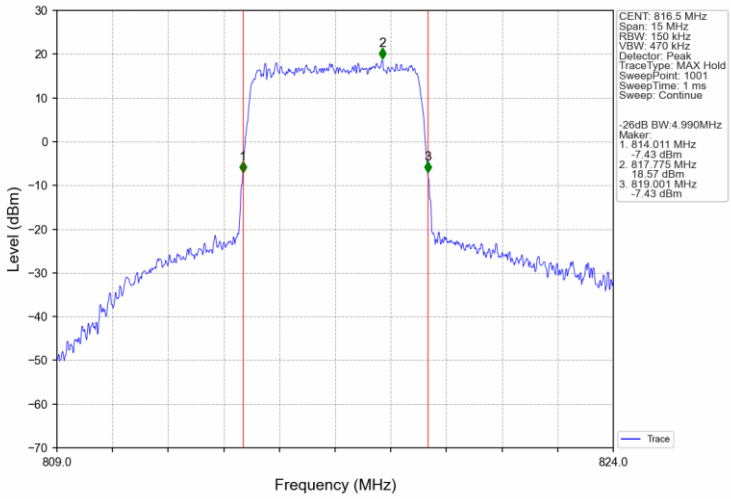
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



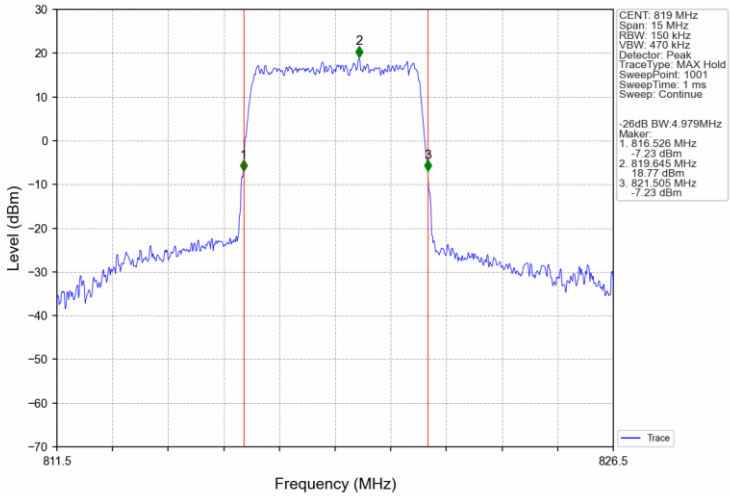
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



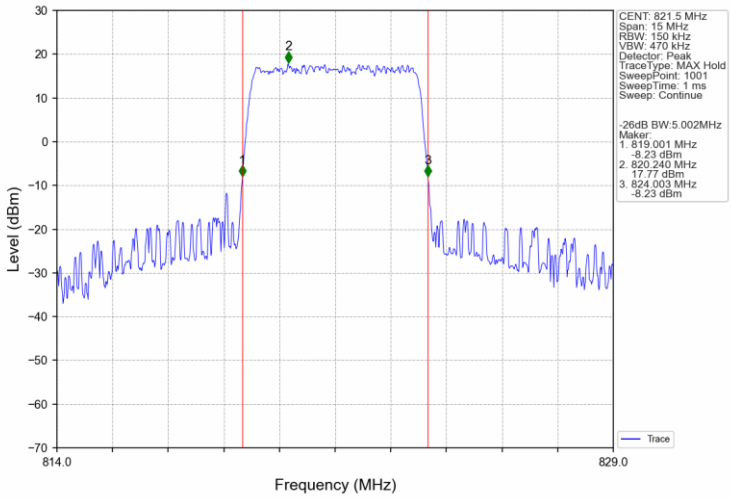
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



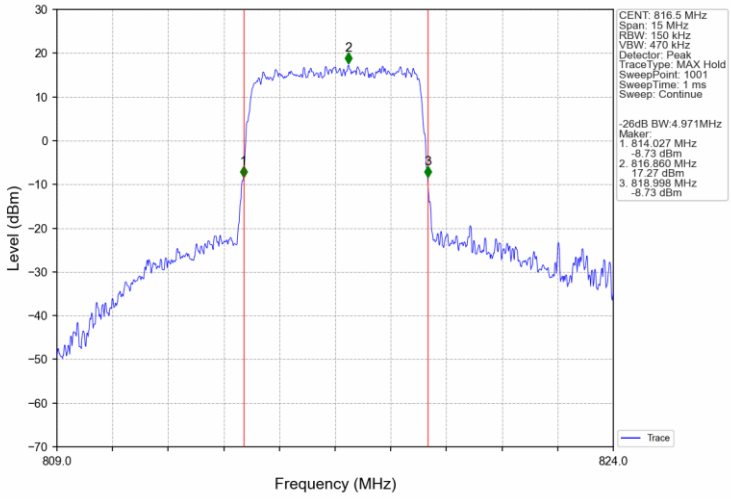
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



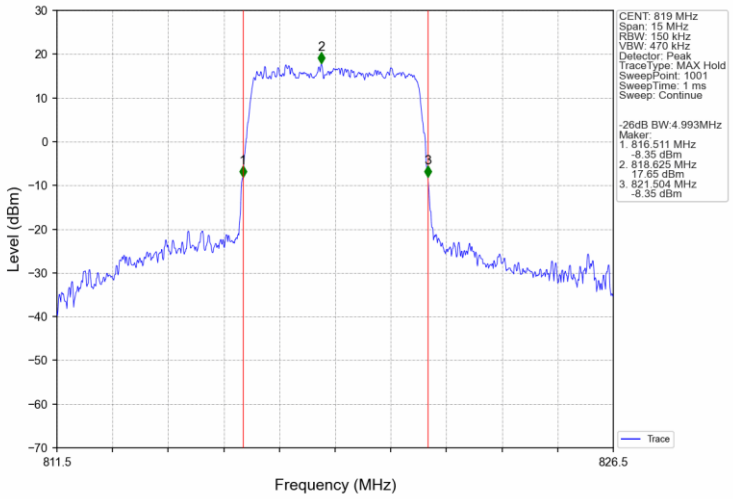
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



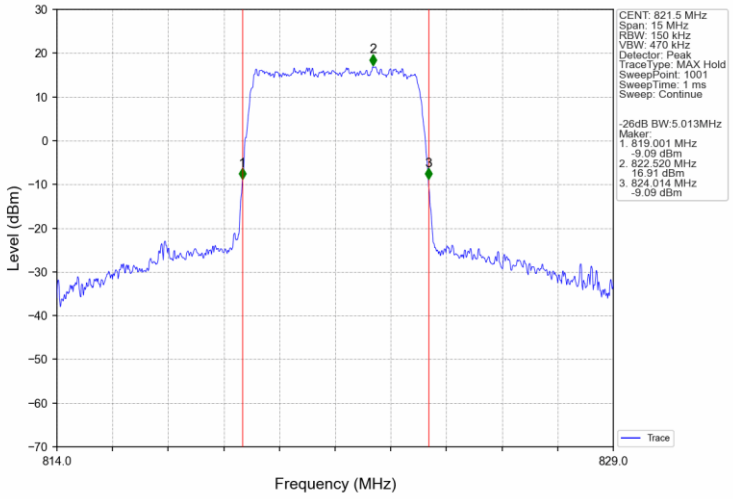
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



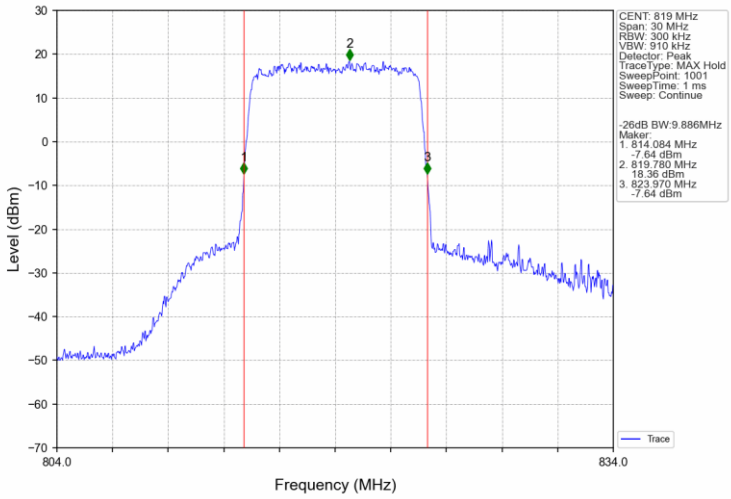
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



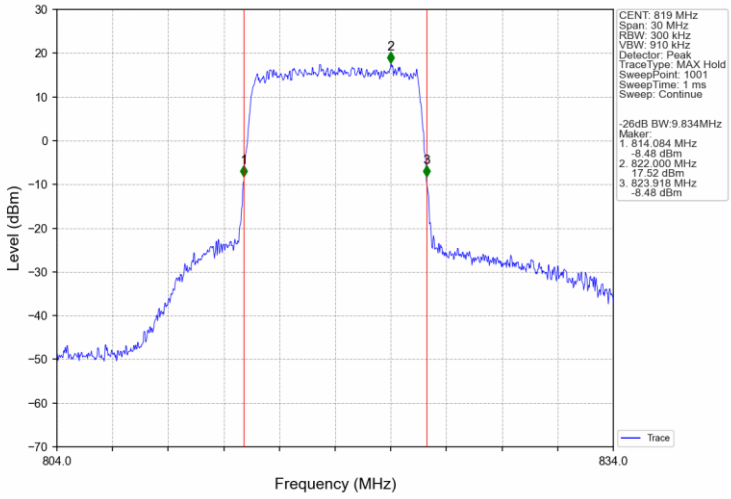
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B26a_1.4MHz

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	5.85	<=13	Pass
	819	6	0	5.60	<=13	Pass
	823.3	6	0	5.85	<=13	Pass
16QAM	814.7	6	0	6.66	<=13	Pass
	819	6	0	6.35	<=13	Pass
	823.3	6	0	6.61	<=13	Pass

5.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	5.77	<=13	Pass
	819	15	0	5.61	<=13	Pass
	822.5	15	0	5.72	<=13	Pass
16QAM	815.5	15	0	6.59	<=13	Pass
	819	15	0	6.47	<=13	Pass
	822.5	15	0	6.60	<=13	Pass

5.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.79	<=13	Pass
	819	25	0	5.74	<=13	Pass
	821.5	25	0	5.78	<=13	Pass
16QAM	816.5	25	0	6.51	<=13	Pass
	819	25	0	6.46	<=13	Pass
	821.5	25	0	6.56	<=13	Pass

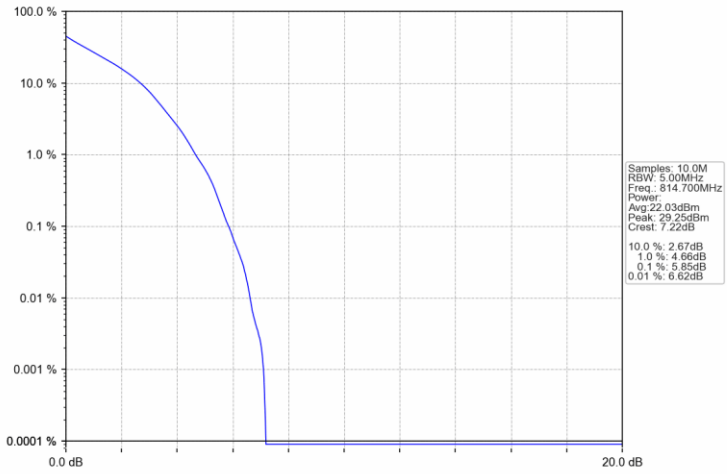
5.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.70	<=13	Pass
16QAM	819	50	0	6.48	<=13	Pass

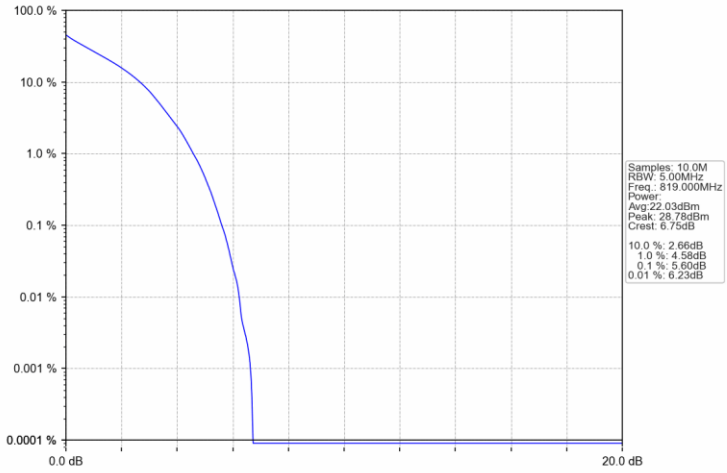
5.2 Test Graph

5.2.1 B26a_1.4MHz

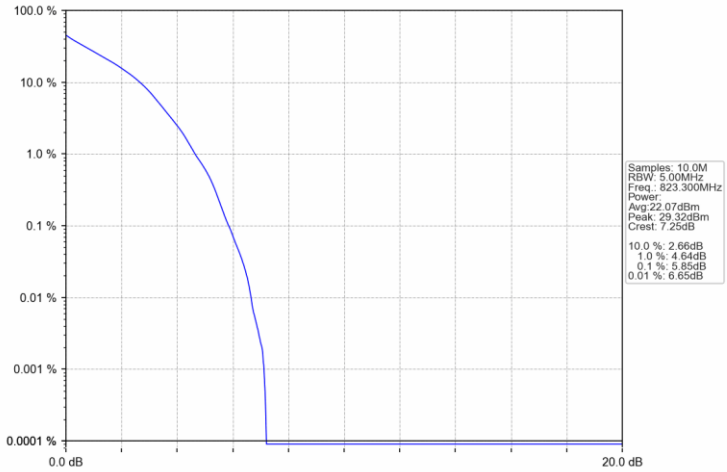
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



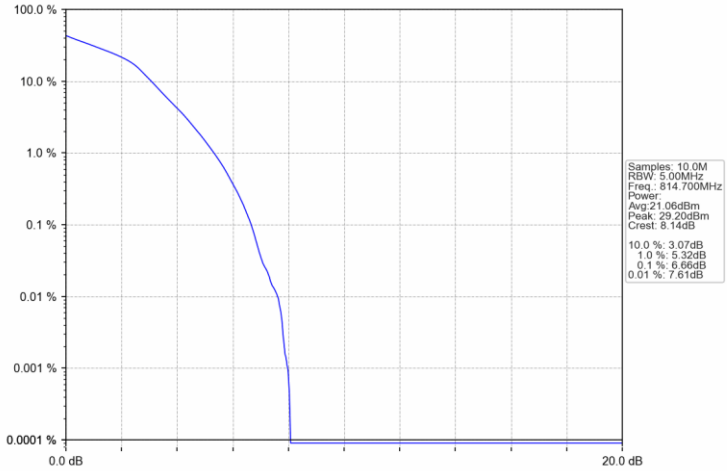
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



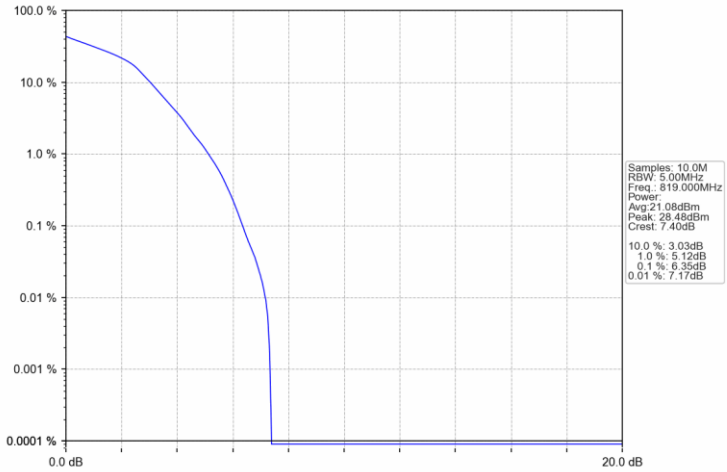
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



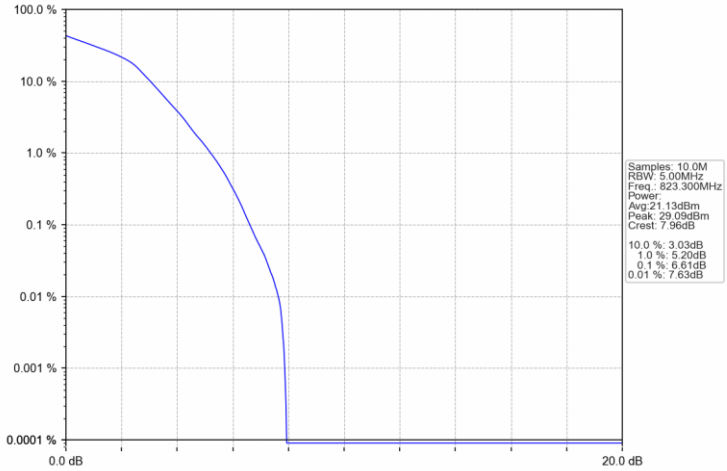
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV

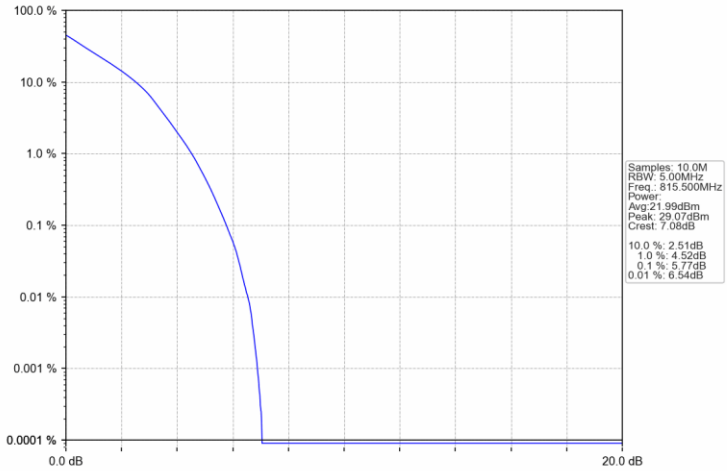


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

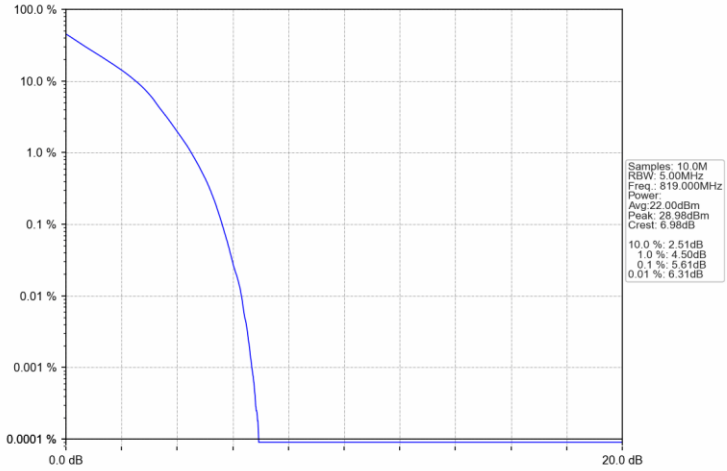


5.2.2 B26a_3MHz

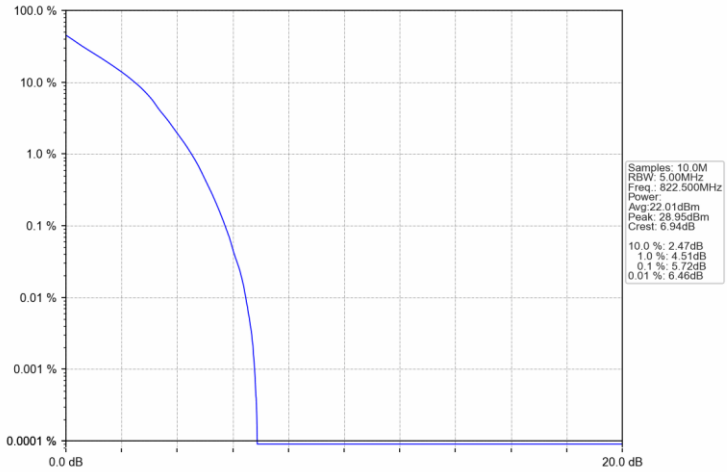
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



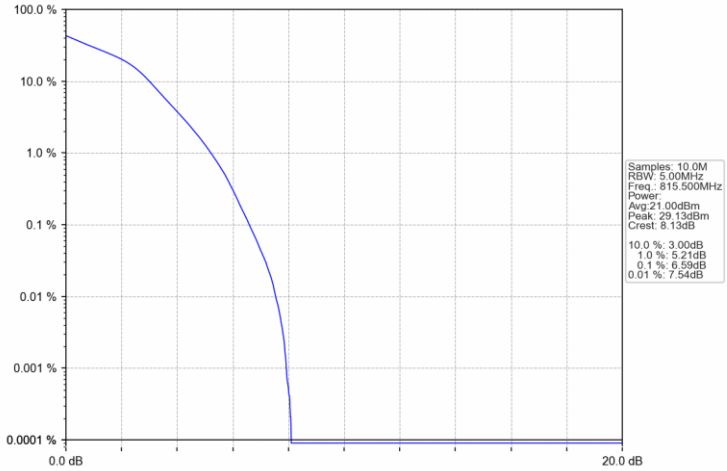
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



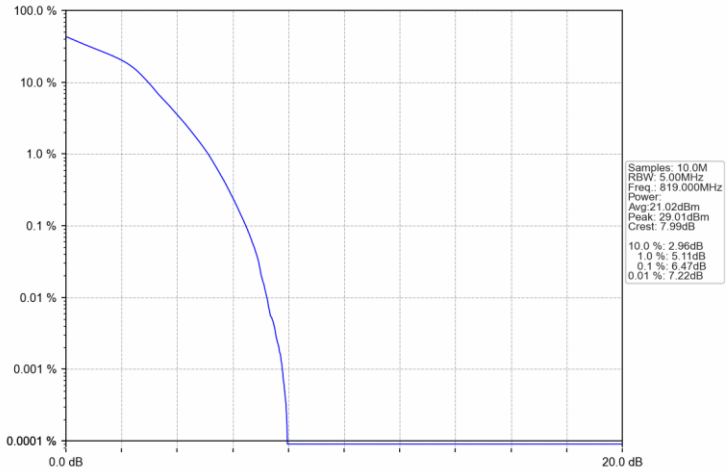
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



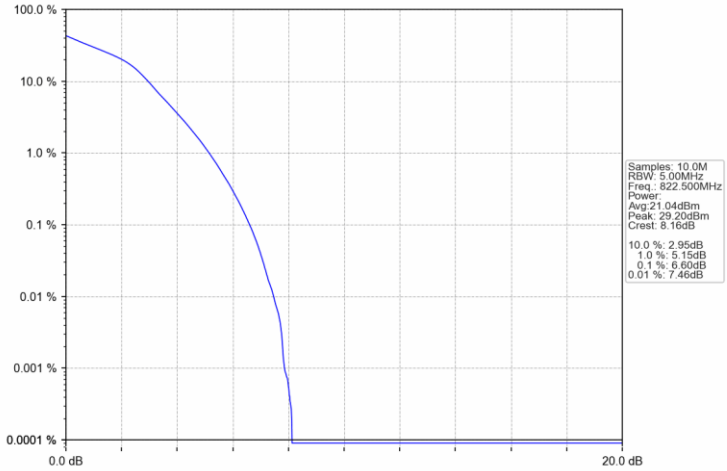
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

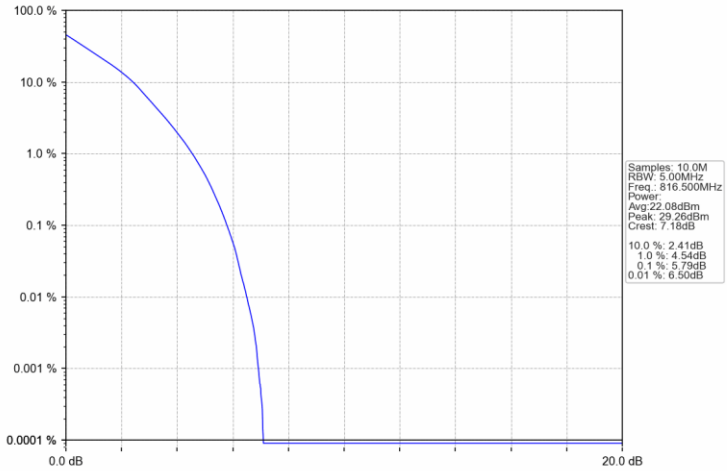


Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV

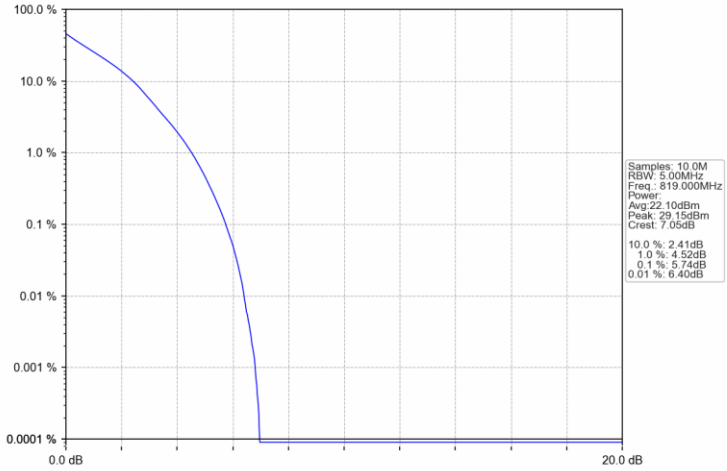


5.2.3 B26a_5MHz

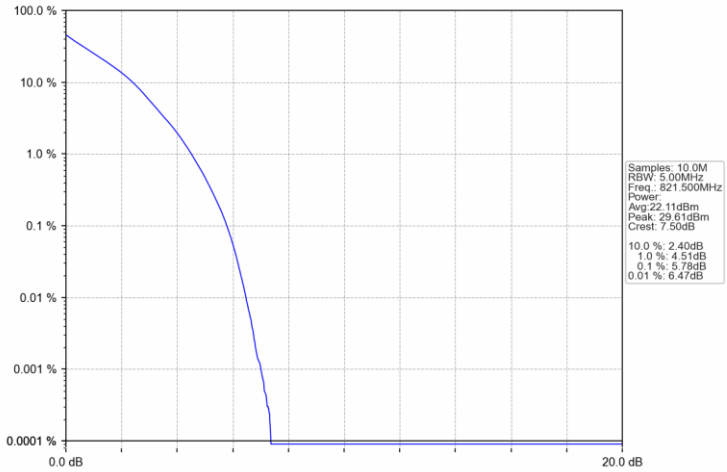
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



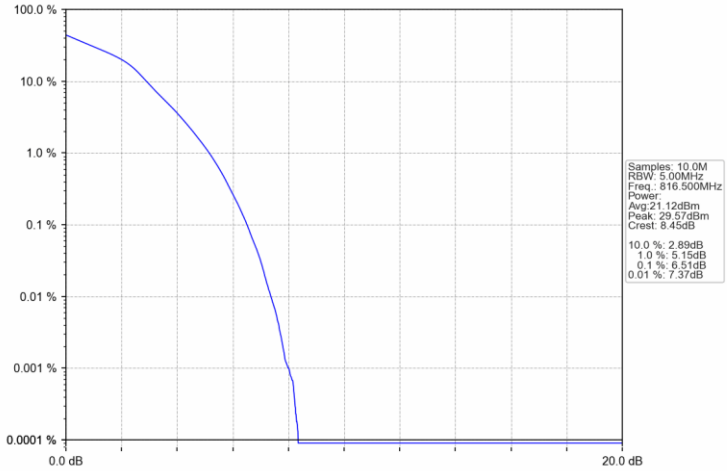
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



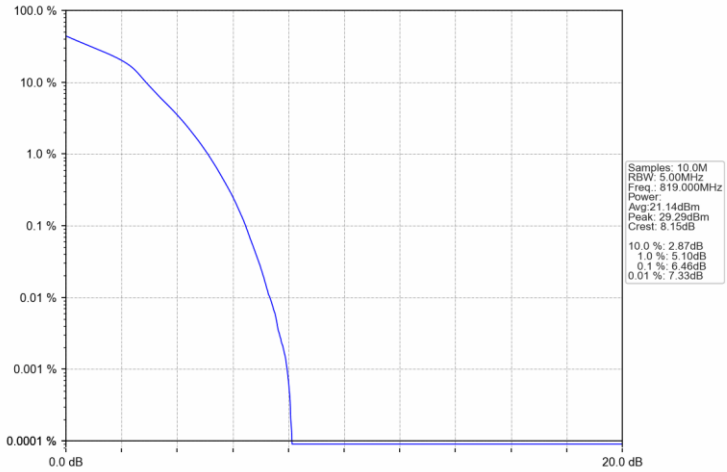
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



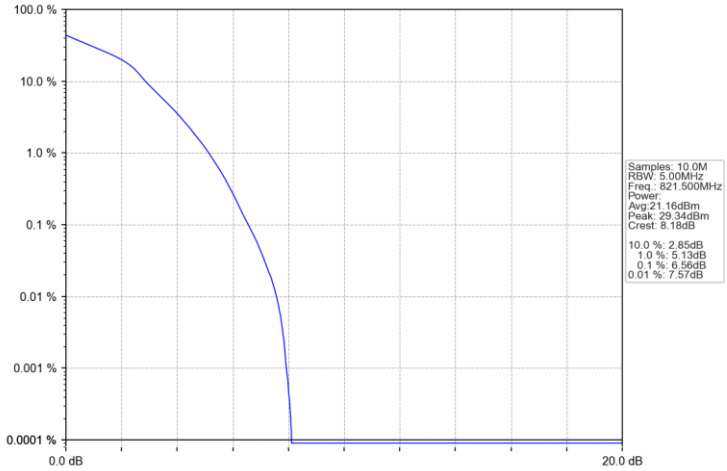
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



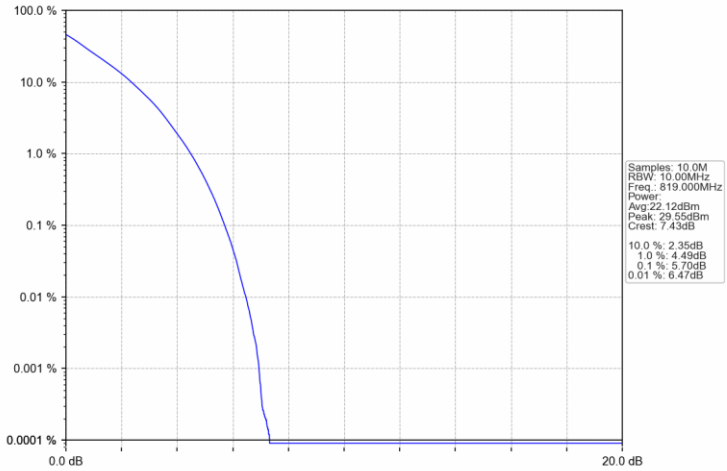
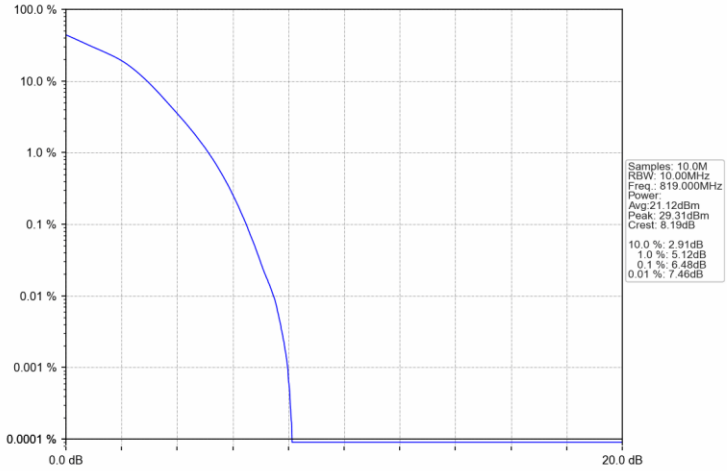
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



5.2.4 B26a_10MHz

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV


6. Spurious Emission

6.1 Test Result

6.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

	819	1	0	Refer To Test Graph	Pass
	821.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

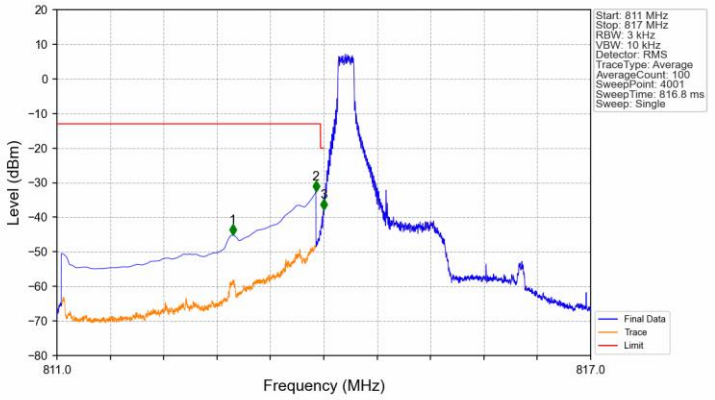
6.1.4 B26a_10MHz

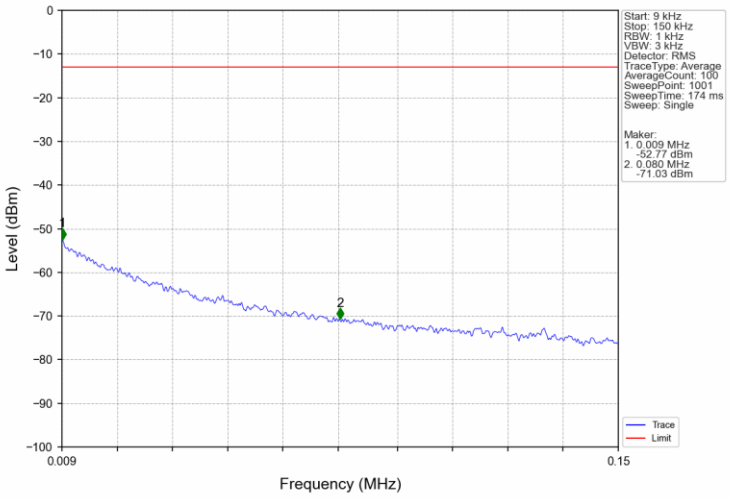
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 B26a_1.4MHz

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.976	-45.14	-13	Pass
813	813.963	0.1	CHP	2	813.912	-32.53	-13	Pass
813.963	814	0.003	/	3	813.997	-37.79	-20	Pass
814	817	0.003	/	/	/	/	/	/

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV