

Appendix Test Data for LTE_band_26a

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	814.7	1	0	24.51	-11.87	10.49	<=50	Pass
			2	24.52	-11.87	10.50	<=50	Pass
			5	24.50	-11.87	10.48	<=50	Pass
		3	0	24.79	-11.87	10.77	<=50	Pass
			2	24.73	-11.87	10.71	<=50	Pass
			3	24.75	-11.87	10.73	<=50	Pass
		6	0	23.78	-11.87	9.76	<=50	Pass
	819	1	0	24.46	-11.87	10.44	<=50	Pass
			2	24.49	-11.87	10.47	<=50	Pass
			5	24.50	-11.87	10.48	<=50	Pass
		3	0	24.72	-11.87	10.70	<=50	Pass
			2	24.73	-11.87	10.71	<=50	Pass
			3	24.77	-11.87	10.75	<=50	Pass
		6	0	23.74	-11.87	9.72	<=50	Pass
	823.3	1	0	24.52	-11.87	10.50	<=50	Pass
			2	24.50	-11.87	10.48	<=50	Pass
			5	24.51	-11.87	10.49	<=50	Pass
		3	0	24.79	-11.87	10.77	<=50	Pass
			2	24.74	-11.87	10.72	<=50	Pass
			3	24.79	-11.87	10.77	<=50	Pass
		6	0	23.85	-11.87	9.83	<=50	Pass
16QAM	814.7	1	0	23.88	-11.87	9.86	<=50	Pass
			2	23.85	-11.87	9.83	<=50	Pass
			5	23.84	-11.87	9.82	<=50	Pass
		3	0	23.90	-11.87	9.88	<=50	Pass
			2	23.89	-11.87	9.87	<=50	Pass
			3	23.94	-11.87	9.92	<=50	Pass
		6	0	23.01	-11.87	8.99	<=50	Pass
	819	1	0	23.88	-11.87	9.86	<=50	Pass
			2	23.94	-11.87	9.92	<=50	Pass
			5	23.90	-11.87	9.88	<=50	Pass
		3	0	23.95	-11.87	9.93	<=50	Pass
			2	23.91	-11.87	9.89	<=50	Pass
			3	24.02	-11.87	10.00	<=50	Pass
		6	0	23.06	-11.87	9.04	<=50	Pass
	823.3	1	0	23.75	-11.87	9.73	<=50	Pass
			2	23.71	-11.87	9.69	<=50	Pass
			5	23.72	-11.87	9.70	<=50	Pass
		3	0	24.20	-11.87	10.18	<=50	Pass
			2	24.16	-11.87	10.14	<=50	Pass
			3	24.21	-11.87	10.19	<=50	Pass
		6	0	23.10	-11.87	9.08	<=50	Pass

1.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	815.5	1	0	24.54	-11.87	10.52	<=50	Pass
			7	24.48	-11.87	10.46	<=50	Pass
			14	24.45	-11.87	10.43	<=50	Pass
		8	0	23.98	-11.87	9.96	<=50	Pass
			4	23.95	-11.87	9.93	<=50	Pass
			7	23.91	-11.87	9.89	<=50	Pass
		15	0	23.97	-11.87	9.95	<=50	Pass
	819	1	0	24.44	-11.87	10.42	<=50	Pass
			7	24.45	-11.87	10.43	<=50	Pass
			14	24.48	-11.87	10.46	<=50	Pass
		8	0	23.92	-11.87	9.90	<=50	Pass
			4	23.92	-11.87	9.90	<=50	Pass
			7	23.96	-11.87	9.94	<=50	Pass
		15	0	24.00	-11.87	9.98	<=50	Pass
	822.5	1	0	24.50	-11.87	10.48	<=50	Pass
			7	24.46	-11.87	10.44	<=50	Pass
			14	24.50	-11.87	10.48	<=50	Pass
		8	0	23.87	-11.87	9.85	<=50	Pass
			4	24.00	-11.87	9.98	<=50	Pass
			7	23.94	-11.87	9.92	<=50	Pass
		15	0	24.01	-11.87	9.99	<=50	Pass
16QAM	815.5	1	0	23.72	-11.87	9.70	<=50	Pass
			7	23.68	-11.87	9.66	<=50	Pass
			14	23.71	-11.87	9.69	<=50	Pass
		8	0	23.23	-11.87	9.21	<=50	Pass
			4	23.24	-11.87	9.22	<=50	Pass
			7	23.21	-11.87	9.19	<=50	Pass
		15	0	23.26	-11.87	9.24	<=50	Pass
	819	1	0	23.85	-11.87	9.83	<=50	Pass
			7	23.84	-11.87	9.82	<=50	Pass
			14	23.93	-11.87	9.91	<=50	Pass
		8	0	23.15	-11.87	9.13	<=50	Pass
			4	23.17	-11.87	9.15	<=50	Pass
			7	23.20	-11.87	9.18	<=50	Pass
		15	0	23.25	-11.87	9.23	<=50	Pass
	822.5	1	0	24.28	-11.87	10.26	<=50	Pass
			7	24.19	-11.87	10.17	<=50	Pass
			14	24.08	-11.87	10.06	<=50	Pass
		8	0	23.27	-11.87	9.25	<=50	Pass
			4	23.40	-11.87	9.38	<=50	Pass
			7	23.41	-11.87	9.39	<=50	Pass
		15	0	23.45	-11.87	9.43	<=50	Pass

1.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	816.5	1	0	24.68	-11.87	10.66	<=50	Pass
			13	24.67	-11.87	10.65	<=50	Pass
			24	24.68	-11.87	10.66	<=50	Pass
		12	0	24.05	-11.87	10.03	<=50	Pass
			6	24.01	-11.87	9.99	<=50	Pass
			13	24.04	-11.87	10.02	<=50	Pass
		25	0	24.10	-11.87	10.08	<=50	Pass
	819	1	0	24.60	-11.87	10.58	<=50	Pass
			13	24.68	-11.87	10.66	<=50	Pass
			24	24.50	-11.87	10.48	<=50	Pass
		12	0	23.79	-11.87	9.77	<=50	Pass
			6	23.82	-11.87	9.80	<=50	Pass
			13	23.80	-11.87	9.78	<=50	Pass
		25	0	23.74	-11.87	9.72	<=50	Pass
	821.5	1	0	24.42	-11.87	10.40	<=50	Pass
			13	24.40	-11.87	10.38	<=50	Pass
			24	24.33	-11.87	10.31	<=50	Pass
		12	0	23.66	-11.87	9.64	<=50	Pass
			6	23.72	-11.87	9.70	<=50	Pass
			13	23.73	-11.87	9.71	<=50	Pass
		25	0	23.74	-11.87	9.72	<=50	Pass
16QAM	816.5	1	0	23.96	-11.87	9.94	<=50	Pass
			13	23.99	-11.87	9.97	<=50	Pass
			24	24.01	-11.87	9.99	<=50	Pass
		12	0	23.28	-11.87	9.26	<=50	Pass
			6	23.27	-11.87	9.25	<=50	Pass
			13	23.31	-11.87	9.29	<=50	Pass
		25	0	23.37	-11.87	9.35	<=50	Pass
	819	1	0	23.71	-11.87	9.69	<=50	Pass
			13	23.84	-11.87	9.82	<=50	Pass
			24	23.87	-11.87	9.85	<=50	Pass
		12	0	22.98	-11.87	8.96	<=50	Pass
			6	23.01	-11.87	8.99	<=50	Pass
			13	23.11	-11.87	9.09	<=50	Pass
		25	0	23.12	-11.87	9.10	<=50	Pass
	821.5	1	0	23.37	-11.87	9.35	<=50	Pass
			13	23.49	-11.87	9.47	<=50	Pass
			24	23.41	-11.87	9.39	<=50	Pass
		12	0	23.02	-11.87	9.00	<=50	Pass
			6	23.02	-11.87	9.00	<=50	Pass
			13	23.03	-11.87	9.01	<=50	Pass
		25	0	23.09	-11.87	9.07	<=50	Pass

1.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	24.68	-11.87	10.66	<=50	Pass
			25	24.62	-11.87	10.60	<=50	Pass
			49	24.73	-11.87	10.71	<=50	Pass
		25	0	24.03	-11.87	10.01	<=50	Pass
			13	24.09	-11.87	10.07	<=50	Pass
			25	24.20	-11.87	10.18	<=50	Pass
		50	0	24.17	-11.87	10.15	<=50	Pass
16QAM	819	1	0	24.04	-11.87	10.02	<=50	Pass
			25	23.98	-11.87	9.96	<=50	Pass
			49	24.12	-11.87	10.10	<=50	Pass
		25	0	23.36	-11.87	9.34	<=50	Pass
			13	23.42	-11.87	9.40	<=50	Pass
			25	23.50	-11.87	9.48	<=50	Pass
		50	0	23.44	-11.87	9.42	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	814.7	6	0	20	LV	-2.446	-0.0030	-2.5 to 2.5	Pass
					NV	-8.283	-0.0102	-2.5 to 2.5	Pass
					HV	-3.376	-0.0041	-2.5 to 2.5	Pass
				-30	NV	-1.917	-0.0024	-2.5 to 2.5	Pass
				-20	NV	0.157	0.0002	-2.5 to 2.5	Pass
				-10	NV	0.772	0.0009	-2.5 to 2.5	Pass
				0	NV	-5.436	-0.0067	-2.5 to 2.5	Pass
				10	NV	-5.636	-0.0069	-2.5 to 2.5	Pass
				30	NV	-5.379	-0.0066	-2.5 to 2.5	Pass
				40	NV	-4.792	-0.0059	-2.5 to 2.5	Pass
				50	NV	0.973	0.0012	-2.5 to 2.5	Pass
	819	6	0	20	LV	-2.732	-0.0033	-2.5 to 2.5	Pass
					NV	0.572	0.0007	-2.5 to 2.5	Pass
					HV	-1.631	-0.0020	-2.5 to 2.5	Pass
				-30	NV	0.215	0.0003	-2.5 to 2.5	Pass
				-20	NV	0.987	0.0012	-2.5 to 2.5	Pass
				-10	NV	-0.186	-0.0002	-2.5 to 2.5	Pass
				0	NV	-6.280	-0.0077	-2.5 to 2.5	Pass
				10	NV	0.114	0.0001	-2.5 to 2.5	Pass
				30	NV	-4.249	-0.0052	-2.5 to 2.5	Pass
				40	NV	-3.219	-0.0039	-2.5 to 2.5	Pass
				50	NV	-2.546	-0.0031	-2.5 to 2.5	Pass
	823.3	6	0	20	LV	-6.938	-0.0084	-2.5 to 2.5	Pass
					NV	-2.360	-0.0029	-2.5 to 2.5	Pass
					HV	-0.443	-0.0005	-2.5 to 2.5	Pass
				-30	NV	-4.578	-0.0056	-2.5 to 2.5	Pass
				-20	NV	1.159	0.0014	-2.5 to 2.5	Pass
				-10	NV	-1.645	-0.0020	-2.5 to 2.5	Pass
				0	NV	1.945	0.0024	-2.5 to 2.5	Pass
				10	NV	2.003	0.0024	-2.5 to 2.5	Pass
				30	NV	-5.951	-0.0072	-2.5 to 2.5	Pass
				40	NV	-3.405	-0.0041	-2.5 to 2.5	Pass
				50	NV	-1.101	-0.0013	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	LV	-0.186	-0.0002	-2.5 to 2.5	Pass
					NV	-1.101	-0.0014	-2.5 to 2.5	Pass
					HV	-1.473	-0.0018	-2.5 to 2.5	Pass
				-30	NV	-0.858	-0.0011	-2.5 to 2.5	Pass
				-20	NV	-0.558	-0.0007	-2.5 to 2.5	Pass
				-10	NV	2.232	0.0027	-2.5 to 2.5	Pass
				0	NV	-3.219	-0.0040	-2.5 to 2.5	Pass
				10	NV	-1.988	-0.0024	-2.5 to 2.5	Pass
				30	NV	2.031	0.0025	-2.5 to 2.5	Pass
				40	NV	-3.033	-0.0037	-2.5 to 2.5	Pass
				50	NV	-3.633	-0.0045	-2.5 to 2.5	Pass
	819	6	0	20	LV	-3.061	-0.0037	-2.5 to 2.5	Pass
					NV	-1.431	-0.0017	-2.5 to 2.5	Pass
					HV	0.730	0.0009	-2.5 to 2.5	Pass
				-30	NV	-3.104	-0.0038	-2.5 to 2.5	Pass
				-20	NV	-6.194	-0.0076	-2.5 to 2.5	Pass
				-10	NV	-1.001	-0.0012	-2.5 to 2.5	Pass

				0	NV	-1.459	-0.0018	-2.5 to 2.5	Pass
				10	NV	-5.565	-0.0068	-2.5 to 2.5	Pass
				30	NV	-5.407	-0.0066	-2.5 to 2.5	Pass
				40	NV	-1.574	-0.0019	-2.5 to 2.5	Pass
				50	NV	-1.531	-0.0019	-2.5 to 2.5	Pass
	823.3	6	0	20	LV	-5.164	-0.0063	-2.5 to 2.5	Pass
					NV	-7.453	-0.0091	-2.5 to 2.5	Pass
					HV	-7.539	-0.0092	-2.5 to 2.5	Pass
				-30	NV	-5.865	-0.0071	-2.5 to 2.5	Pass
				-20	NV	3.076	0.0037	-2.5 to 2.5	Pass
				-10	NV	0.758	0.0009	-2.5 to 2.5	Pass
				0	NV	-3.433	-0.0042	-2.5 to 2.5	Pass
				10	NV	-5.407	-0.0066	-2.5 to 2.5	Pass
				30	NV	-7.281	-0.0088	-2.5 to 2.5	Pass
				40	NV	-2.074	-0.0025	-2.5 to 2.5	Pass
				50	NV	1.845	0.0022	-2.5 to 2.5	Pass

2.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	LV	-2.031	-0.0025	-2.5 to 2.5	Pass
					NV	-3.462	-0.0042	-2.5 to 2.5	Pass
					HV	2.975	0.0036	-2.5 to 2.5	Pass
				-30	NV	-6.938	-0.0085	-2.5 to 2.5	Pass
				-20	NV	-2.575	-0.0032	-2.5 to 2.5	Pass
				-10	NV	-0.944	-0.0012	-2.5 to 2.5	Pass
				0	NV	2.460	0.0030	-2.5 to 2.5	Pass
				10	NV	-1.001	-0.0012	-2.5 to 2.5	Pass
				30	NV	-5.207	-0.0064	-2.5 to 2.5	Pass
				40	NV	1.259	0.0015	-2.5 to 2.5	Pass
	819	15	0	20	LV	-0.401	-0.0005	-2.5 to 2.5	Pass
					NV	0.529	0.0006	-2.5 to 2.5	Pass
					HV	-0.072	-0.0001	-2.5 to 2.5	Pass
				-30	NV	0.114	0.0001	-2.5 to 2.5	Pass
				-20	NV	0.000	0.0000	-2.5 to 2.5	Pass
				-10	NV	-6.037	-0.0074	-2.5 to 2.5	Pass
				0	NV	-4.435	-0.0054	-2.5 to 2.5	Pass
				10	NV	-4.578	-0.0056	-2.5 to 2.5	Pass
				30	NV	-2.103	-0.0026	-2.5 to 2.5	Pass
				40	NV	-3.233	-0.0039	-2.5 to 2.5	Pass
	822.5	15	0	20	LV	-2.275	-0.0028	-2.5 to 2.5	Pass
					NV	-1.802	-0.0022	-2.5 to 2.5	Pass
					HV	-1.516	-0.0018	-2.5 to 2.5	Pass
				-30	NV	-3.920	-0.0048	-2.5 to 2.5	Pass
				-20	NV	-4.435	-0.0054	-2.5 to 2.5	Pass
				-10	NV	2.704	0.0033	-2.5 to 2.5	Pass
				-10	NV	-1.044	-0.0013	-2.5 to 2.5	Pass
				0	NV	0.143	0.0002	-2.5 to 2.5	Pass
				10	NV	-0.715	-0.0009	-2.5 to 2.5	Pass
				30	NV	-3.390	-0.0041	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	NV	-2.561	-0.0031	-2.5 to 2.5	Pass
					NV	-0.272	-0.0003	-2.5 to 2.5	Pass
					HV	-0.515	-0.0006	-2.5 to 2.5	Pass

				-30	NV	-1.016	-0.0012	-2.5 to 2.5	Pass
				-20	NV	-5.994	-0.0074	-2.5 to 2.5	Pass
				-10	NV	-3.104	-0.0038	-2.5 to 2.5	Pass
				0	NV	-3.262	-0.0040	-2.5 to 2.5	Pass
				10	NV	-2.518	-0.0031	-2.5 to 2.5	Pass
				30	NV	-1.230	-0.0015	-2.5 to 2.5	Pass
				40	NV	-0.529	-0.0006	-2.5 to 2.5	Pass
				50	NV	-4.992	-0.0061	-2.5 to 2.5	Pass
	819	15	0	20	LV	-0.315	-0.0004	-2.5 to 2.5	Pass
					NV	-1.144	-0.0014	-2.5 to 2.5	Pass
					HV	-1.945	-0.0024	-2.5 to 2.5	Pass
				-30	NV	-7.052	-0.0086	-2.5 to 2.5	Pass
				-20	NV	-3.591	-0.0044	-2.5 to 2.5	Pass
				-10	NV	-4.821	-0.0059	-2.5 to 2.5	Pass
				0	NV	-0.973	-0.0012	-2.5 to 2.5	Pass
				10	NV	-0.615	-0.0008	-2.5 to 2.5	Pass
				30	NV	-1.545	-0.0019	-2.5 to 2.5	Pass
				40	NV	-5.794	-0.0071	-2.5 to 2.5	Pass
				50	NV	-5.407	-0.0066	-2.5 to 2.5	Pass
	822.5	15	0	20	LV	0.529	0.0006	-2.5 to 2.5	Pass
					NV	-1.874	-0.0023	-2.5 to 2.5	Pass
					HV	0.572	0.0007	-2.5 to 2.5	Pass
				-30	NV	-0.343	-0.0004	-2.5 to 2.5	Pass
				-20	NV	0.186	0.0002	-2.5 to 2.5	Pass
				-10	NV	0.157	0.0002	-2.5 to 2.5	Pass
				0	NV	-0.944	-0.0011	-2.5 to 2.5	Pass
				10	NV	-1.073	-0.0013	-2.5 to 2.5	Pass
				30	NV	-0.186	-0.0002	-2.5 to 2.5	Pass
				40	NV	-6.981	-0.0085	-2.5 to 2.5	Pass
				50	NV	-3.762	-0.0046	-2.5 to 2.5	Pass

2.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	LV	-0.930	-0.0011	-2.5 to 2.5	Pass
					NV	-3.161	-0.0039	-2.5 to 2.5	Pass
					HV	-2.589	-0.0032	-2.5 to 2.5	Pass
				-30	NV	-2.632	-0.0032	-2.5 to 2.5	Pass
				-20	NV	-2.189	-0.0027	-2.5 to 2.5	Pass
				-10	NV	-2.089	-0.0026	-2.5 to 2.5	Pass
				0	NV	0.701	0.0009	-2.5 to 2.5	Pass
				10	NV	-7.954	-0.0097	-2.5 to 2.5	Pass
				30	NV	-2.289	-0.0028	-2.5 to 2.5	Pass
				40	NV	-4.306	-0.0053	-2.5 to 2.5	Pass
				50	NV	-6.051	-0.0074	-2.5 to 2.5	Pass
	819	25	0	20	LV	-5.851	-0.0071	-2.5 to 2.5	Pass
					NV	-2.332	-0.0028	-2.5 to 2.5	Pass
					HV	-1.588	-0.0019	-2.5 to 2.5	Pass
				-30	NV	-0.629	-0.0008	-2.5 to 2.5	Pass
				-20	NV	-2.818	-0.0034	-2.5 to 2.5	Pass
				-10	NV	1.473	0.0018	-2.5 to 2.5	Pass
				0	NV	-0.157	-0.0002	-2.5 to 2.5	Pass
				10	NV	1.545	0.0019	-2.5 to 2.5	Pass
				30	NV	-4.234	-0.0052	-2.5 to 2.5	Pass
				40	NV	-0.072	-0.0001	-2.5 to 2.5	Pass
				50	NV	-0.629	-0.0008	-2.5 to 2.5	Pass

	821.5	25	0	20	LV	-3.362	-0.0041	-2.5 to 2.5	Pass
					NV	-2.747	-0.0033	-2.5 to 2.5	Pass
					HV	-6.881	-0.0084	-2.5 to 2.5	Pass
				-30	NV	0.644	0.0008	-2.5 to 2.5	Pass
				-20	NV	-1.631	-0.0020	-2.5 to 2.5	Pass
				-10	NV	-8.955	-0.0109	-2.5 to 2.5	Pass
				0	NV	-5.193	-0.0063	-2.5 to 2.5	Pass
				10	NV	-9.270	-0.0113	-2.5 to 2.5	Pass
				30	NV	-3.490	-0.0042	-2.5 to 2.5	Pass
				40	NV	-2.489	-0.0030	-2.5 to 2.5	Pass
				50	NV	-2.890	-0.0035	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	LV	-3.018	-0.0037	-2.5 to 2.5	Pass
					NV	3.104	0.0038	-2.5 to 2.5	Pass
					HV	-3.548	-0.0043	-2.5 to 2.5	Pass
				-30	NV	-2.804	-0.0034	-2.5 to 2.5	Pass
				-20	NV	-1.044	-0.0013	-2.5 to 2.5	Pass
				-10	NV	-3.233	-0.0040	-2.5 to 2.5	Pass
				0	NV	-2.017	-0.0025	-2.5 to 2.5	Pass
				10	NV	-3.161	-0.0039	-2.5 to 2.5	Pass
				30	NV	-0.200	-0.0002	-2.5 to 2.5	Pass
				40	NV	-4.349	-0.0053	-2.5 to 2.5	Pass
				50	NV	-8.683	-0.0106	-2.5 to 2.5	Pass
	819	25	0	20	LV	-3.133	-0.0038	-2.5 to 2.5	Pass
					NV	-1.030	-0.0013	-2.5 to 2.5	Pass
					HV	-4.606	-0.0056	-2.5 to 2.5	Pass
				-30	NV	-2.432	-0.0030	-2.5 to 2.5	Pass
				-20	NV	-0.701	-0.0009	-2.5 to 2.5	Pass
				-10	NV	-5.293	-0.0065	-2.5 to 2.5	Pass
				0	NV	0.043	0.0001	-2.5 to 2.5	Pass
				10	NV	1.831	0.0022	-2.5 to 2.5	Pass
				30	NV	-4.106	-0.0050	-2.5 to 2.5	Pass
				40	NV	-2.246	-0.0027	-2.5 to 2.5	Pass
				50	NV	-2.589	-0.0032	-2.5 to 2.5	Pass
	821.5	25	0	20	LV	-4.578	-0.0056	-2.5 to 2.5	Pass
					NV	-4.735	-0.0058	-2.5 to 2.5	Pass
					HV	-2.732	-0.0033	-2.5 to 2.5	Pass
				-30	NV	1.731	0.0021	-2.5 to 2.5	Pass
				-20	NV	-3.462	-0.0042	-2.5 to 2.5	Pass
				-10	NV	-7.253	-0.0088	-2.5 to 2.5	Pass
				0	NV	-1.574	-0.0019	-2.5 to 2.5	Pass
				10	NV	-2.947	-0.0036	-2.5 to 2.5	Pass
				30	NV	-6.537	-0.0080	-2.5 to 2.5	Pass
				40	NV	-1.845	-0.0022	-2.5 to 2.5	Pass
				50	NV	0.257	0.0003	-2.5 to 2.5	Pass

2.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	LV	-4.492	-0.0055	-2.5 to 2.5	Pass
					NV	-4.249	-0.0052	-2.5 to 2.5	Pass
					HV	-2.232	-0.0027	-2.5 to 2.5	Pass
				-30	NV	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	NV	-2.375	-0.0029	-2.5 to 2.5	Pass
				-10	NV	-2.646	-0.0032	-2.5 to 2.5	Pass
				0	NV	-3.347	-0.0041	-2.5 to 2.5	Pass
				10	NV	-4.120	-0.0050	-2.5 to 2.5	Pass

				30	NV	-4.349	-0.0053	-2.5 to 2.5	Pass
				40	NV	-2.203	-0.0027	-2.5 to 2.5	Pass
				50	NV	-1.202	-0.0015	-2.5 to 2.5	Pass
16QAM	819	50	0	20	LV	-3.176	-0.0039	-2.5 to 2.5	Pass
					NV	-3.419	-0.0042	-2.5 to 2.5	Pass
					HV	-4.048	-0.0049	-2.5 to 2.5	Pass
				-30	NV	-1.488	-0.0018	-2.5 to 2.5	Pass
				-20	NV	-3.076	-0.0038	-2.5 to 2.5	Pass
				-10	NV	-2.761	-0.0034	-2.5 to 2.5	Pass
				0	NV	-3.791	-0.0046	-2.5 to 2.5	Pass
				10	NV	-3.920	-0.0048	-2.5 to 2.5	Pass
				30	NV	-2.346	-0.0029	-2.5 to 2.5	Pass
				40	NV	-2.732	-0.0033	-2.5 to 2.5	Pass
				50	NV	-2.604	-0.0032	-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

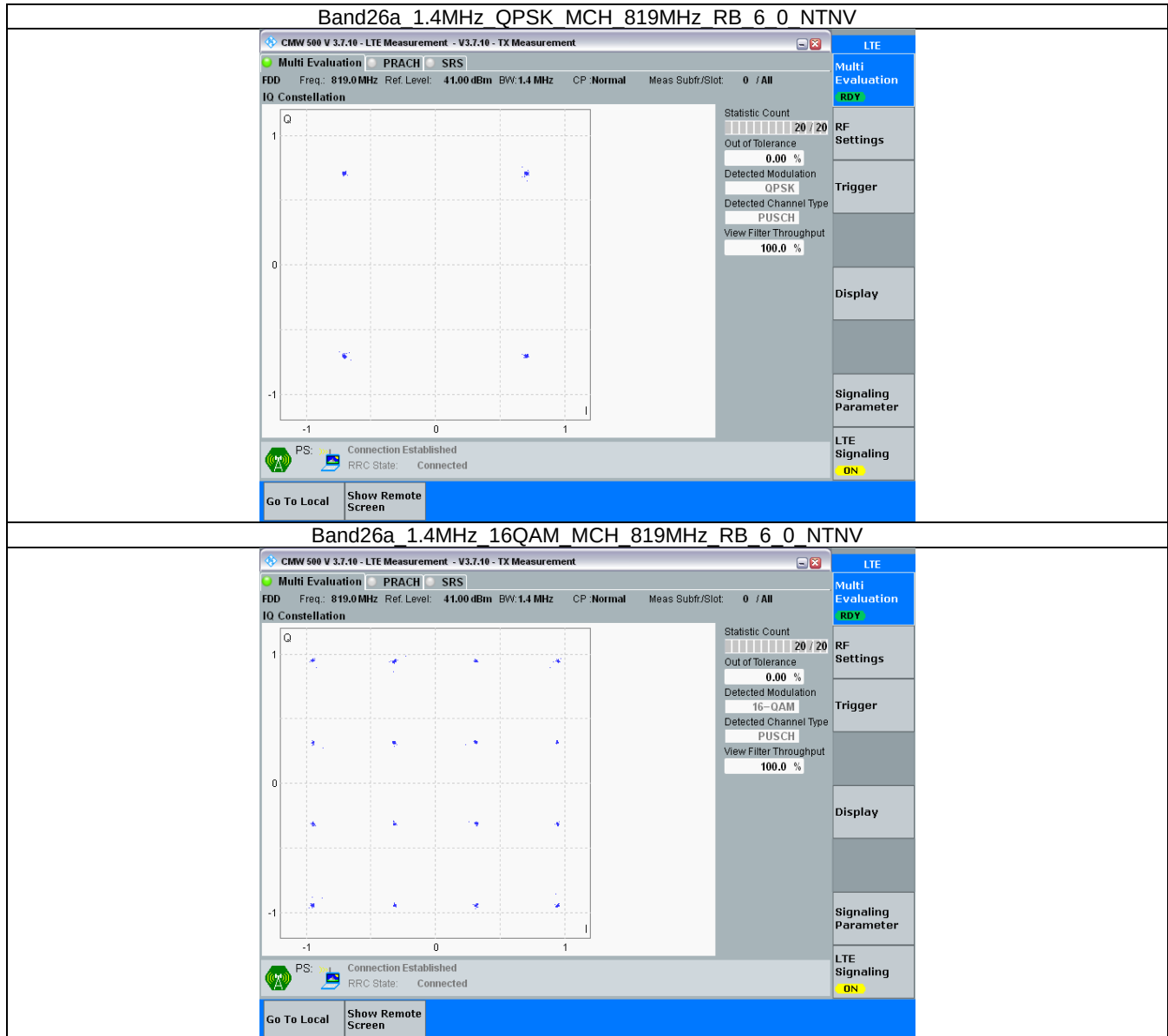
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

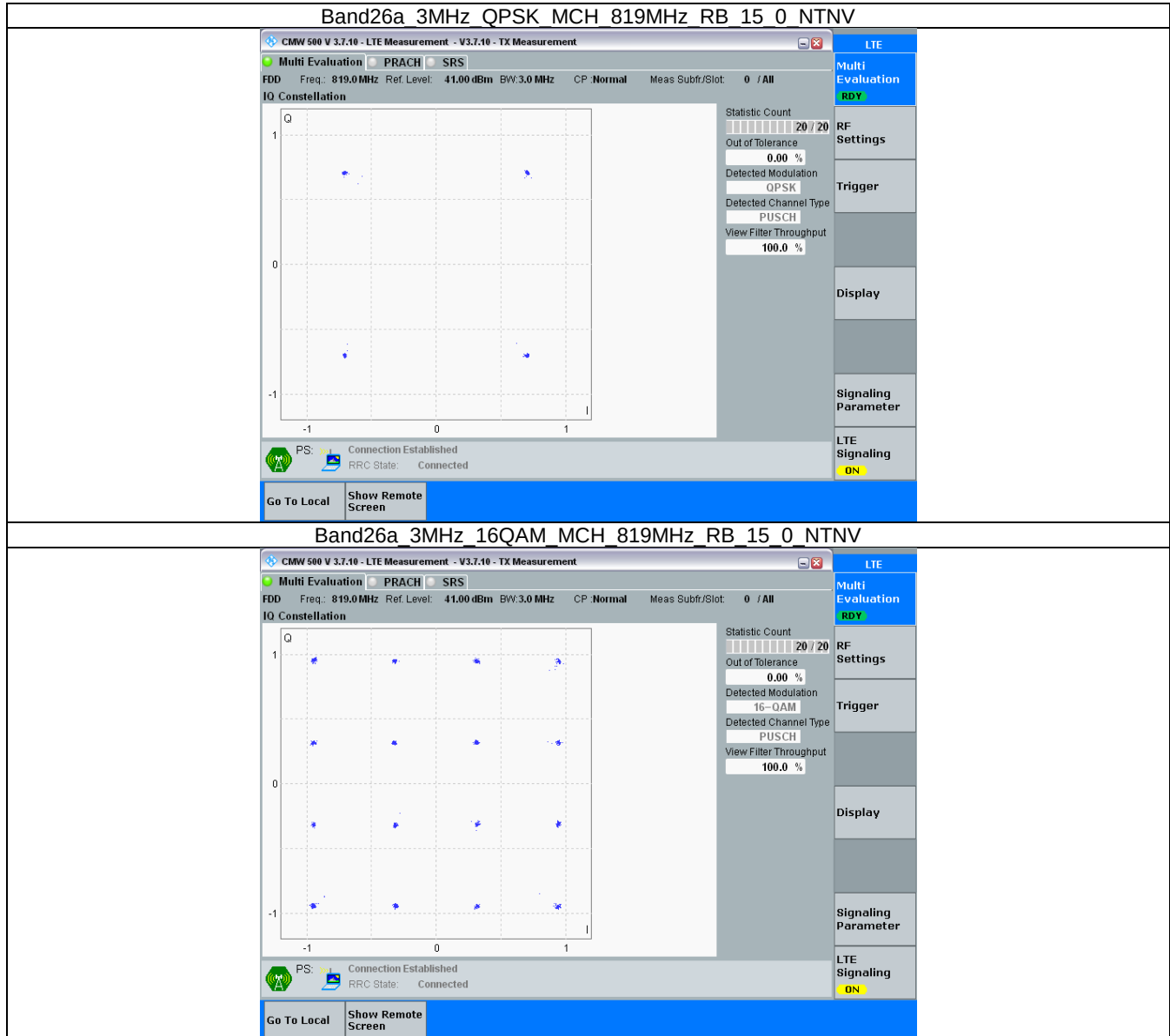
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

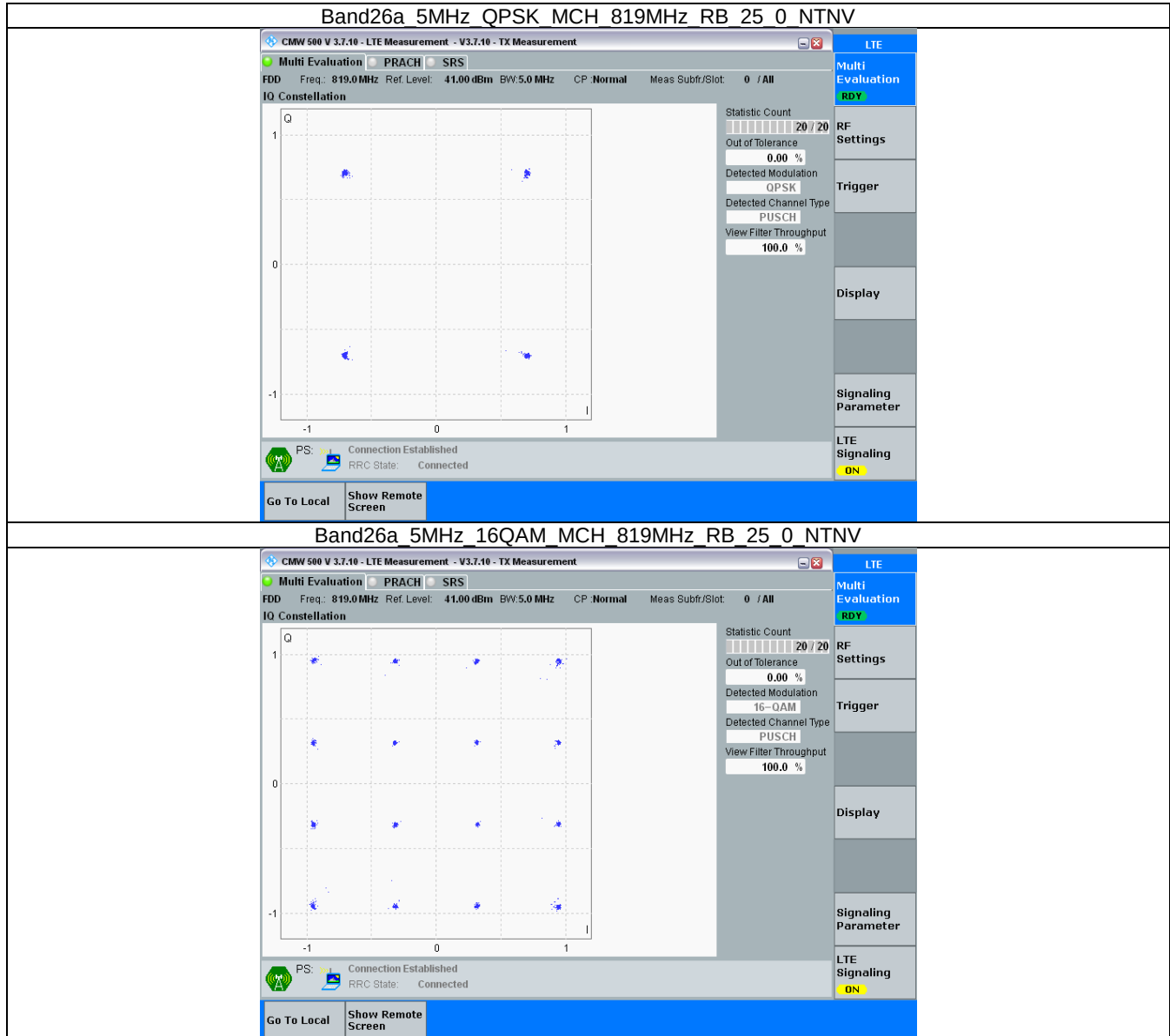
3.2.1 B26a_1.4MHz



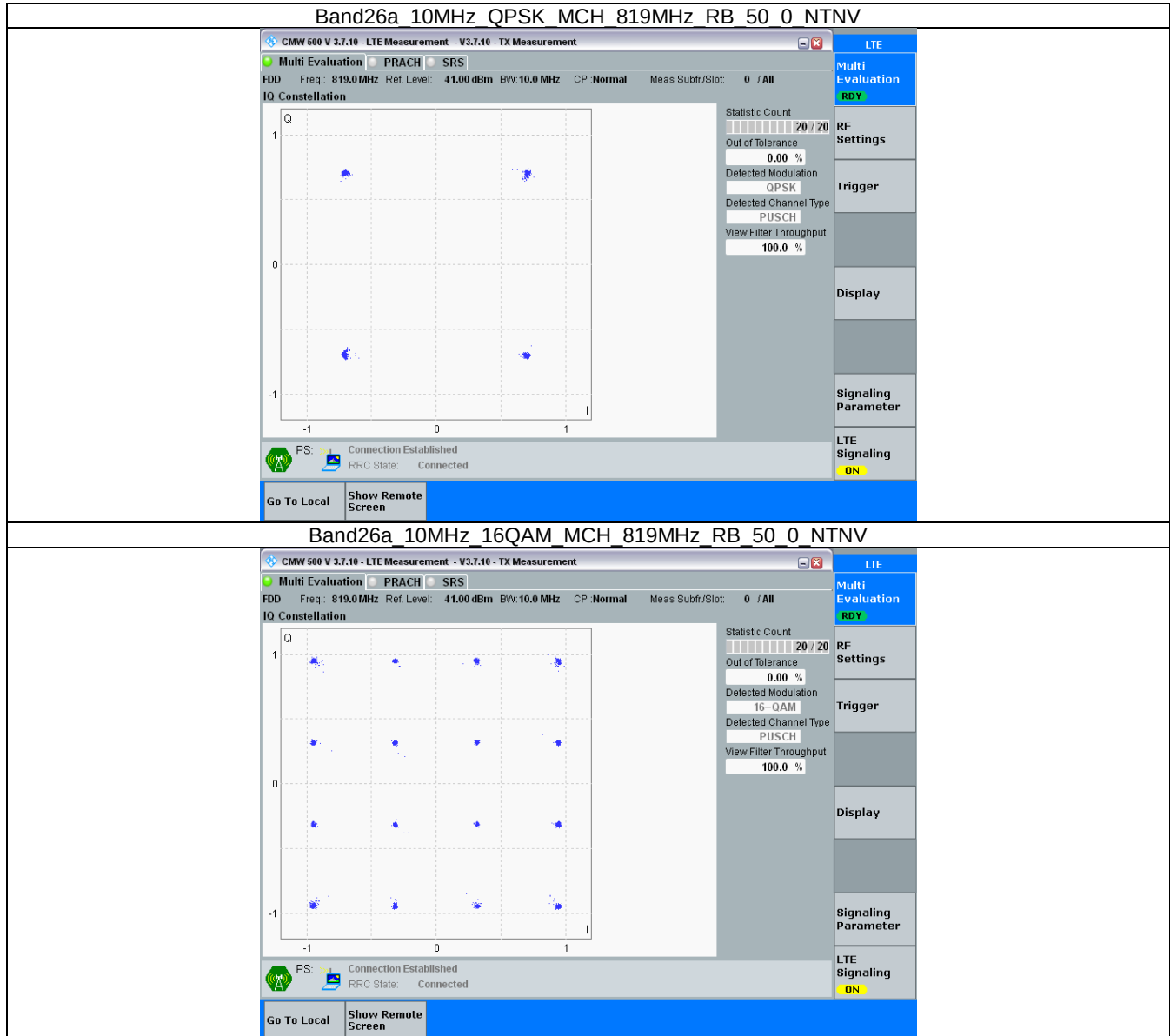
3.2.2 B26a_3MHz



3.2.3 B26a_5MHz



3.2.4 B26a_10MHz



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	1.089	/	Pass
		819	6	0	1.080	/	Pass
		823.3	6	0	1.086	/	Pass
	16QAM	814.7	6	0	1.081	/	Pass
		819	6	0	1.081	/	Pass
		823.3	6	0	1.083	/	Pass
3	QPSK	815.5	15	0	2.681	/	Pass
		819	15	0	2.674	/	Pass
		822.5	15	0	2.674	/	Pass
	16QAM	815.5	15	0	2.675	/	Pass
		819	15	0	2.684	/	Pass
		822.5	15	0	2.676	/	Pass
5	QPSK	816.5	25	0	4.466	/	Pass
		819	25	0	4.480	/	Pass
		821.5	25	0	4.481	/	Pass
	16QAM	816.5	25	0	4.481	/	Pass
		819	25	0	4.481	/	Pass
		821.5	25	0	4.473	/	Pass
10	QPSK	819	50	0	8.960	/	Pass
	16QAM	819	50	0	8.931	/	Pass

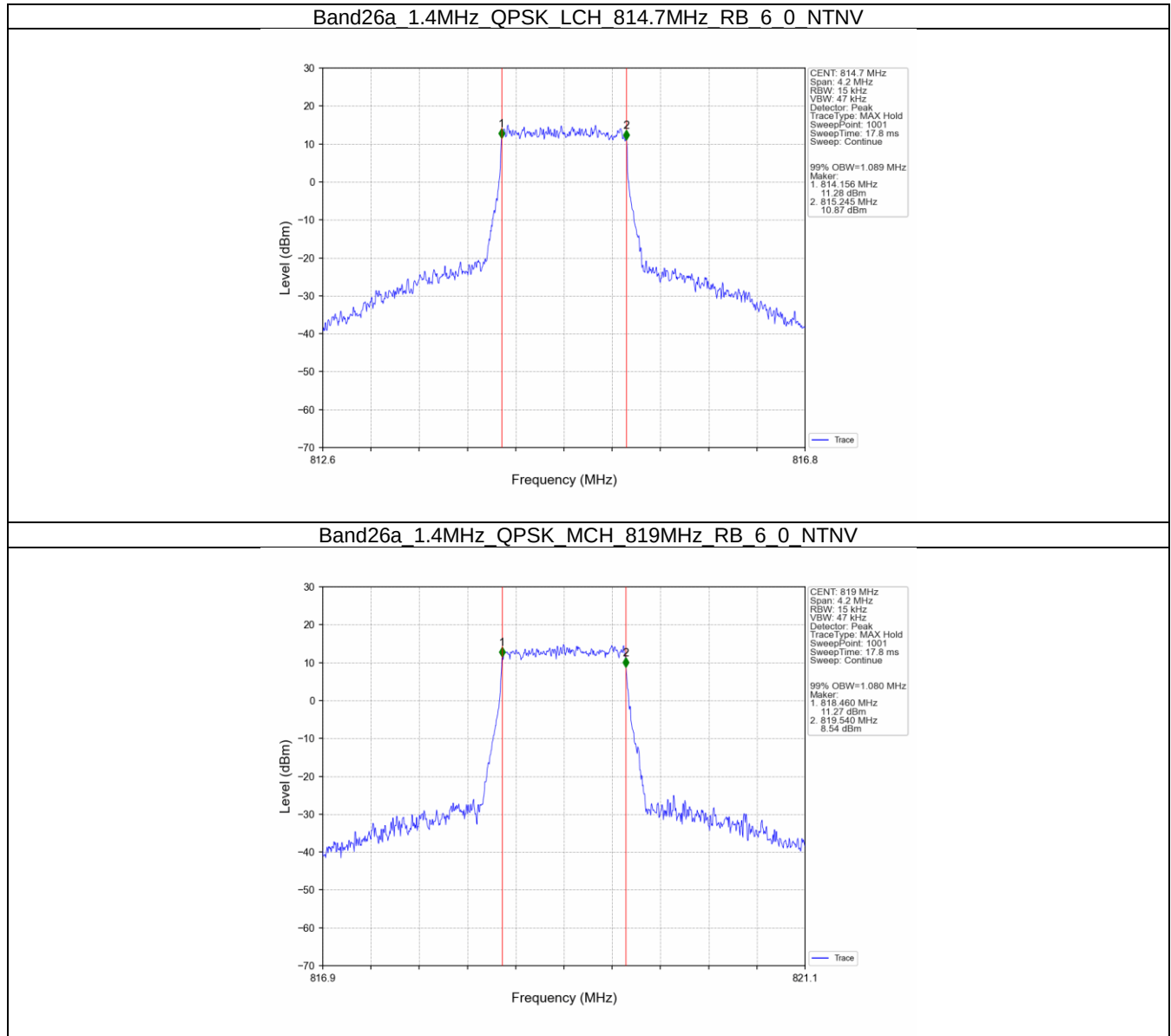
4.1.2 Band26a_XDB

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	1.240	/	Pass
		819	6	0	1.242	/	Pass
		823.3	6	0	1.232	/	Pass
	16QAM	814.7	6	0	1.257	/	Pass
		819	6	0	1.228	/	Pass
		823.3	6	0	1.242	/	Pass
3	QPSK	815.5	15	0	2.919	/	Pass
		819	15	0	2.926	/	Pass
		822.5	15	0	2.893	/	Pass
	16QAM	815.5	15	0	2.903	/	Pass
		819	15	0	2.916	/	Pass
		822.5	15	0	2.945	/	Pass
5	QPSK	816.5	25	0	4.824	/	Pass
		819	25	0	4.819	/	Pass
		821.5	25	0	4.836	/	Pass
	16QAM	816.5	25	0	4.883	/	Pass
		819	25	0	4.833	/	Pass
		821.5	25	0	4.845	/	Pass
10	QPSK	819	50	0	9.600	/	Pass
	16QAM	819	50	0	9.534	/	Pass

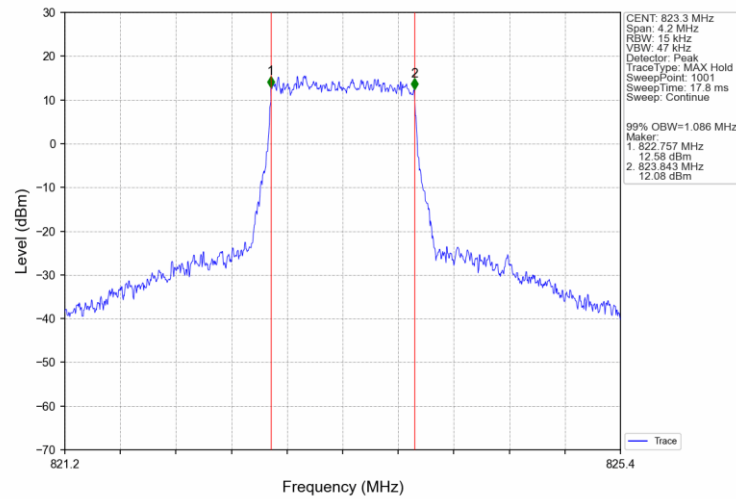


4.2 Test Graph

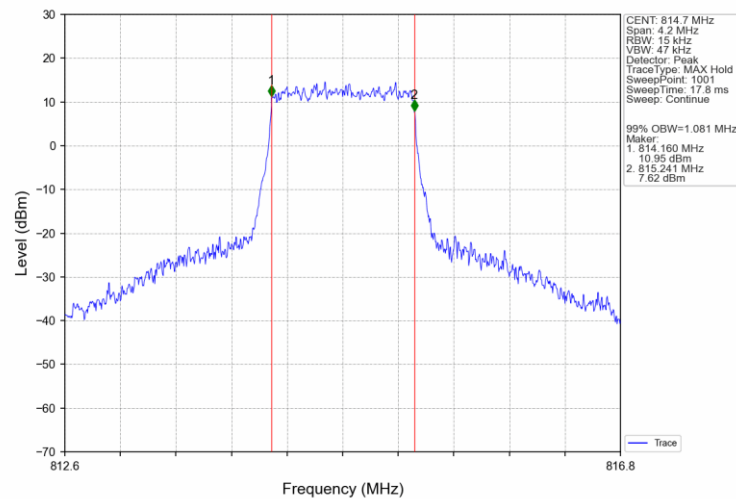
4.2.1 Band26a_OBW



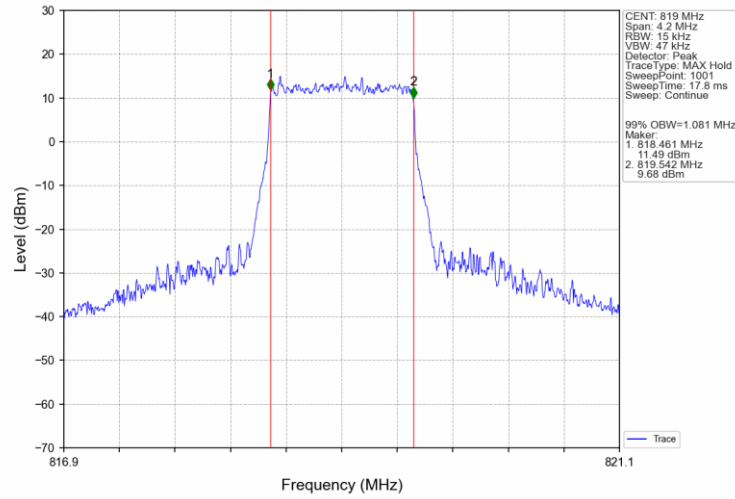
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



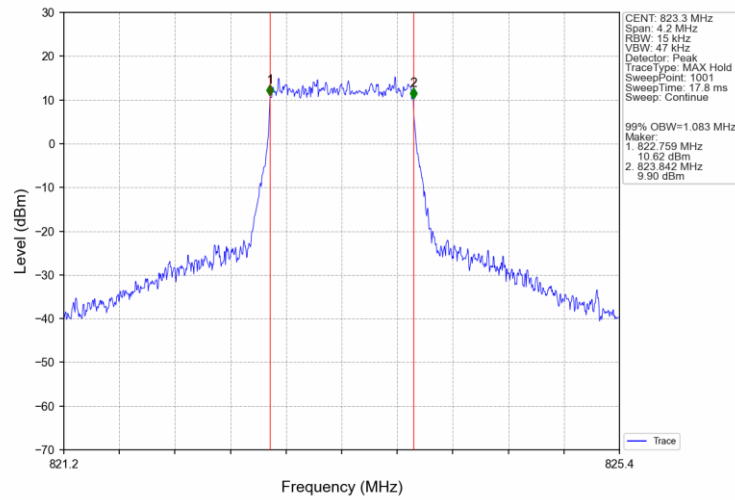
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



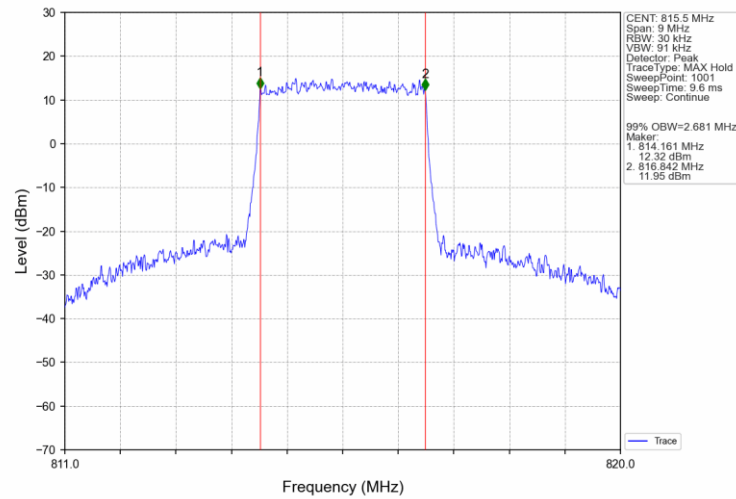
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



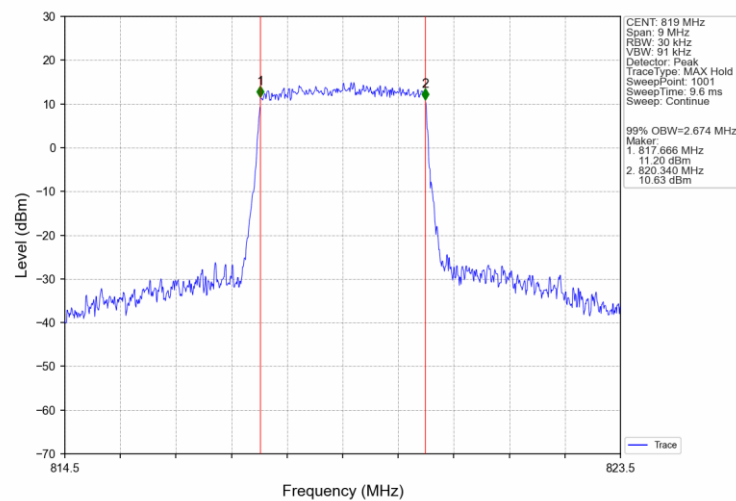
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



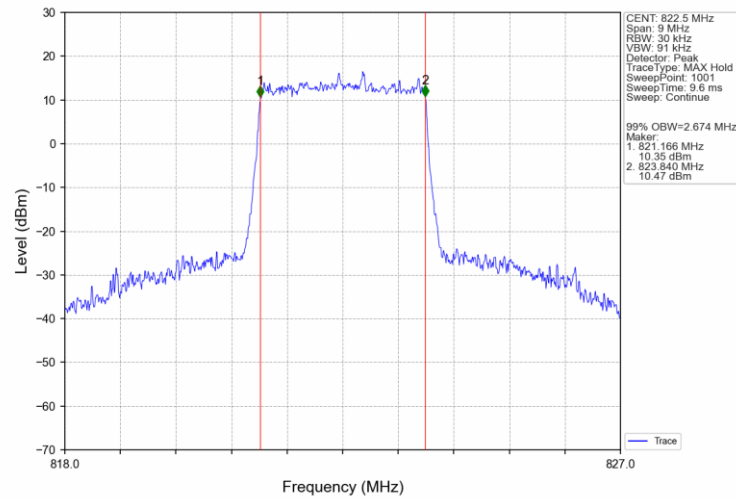
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTV



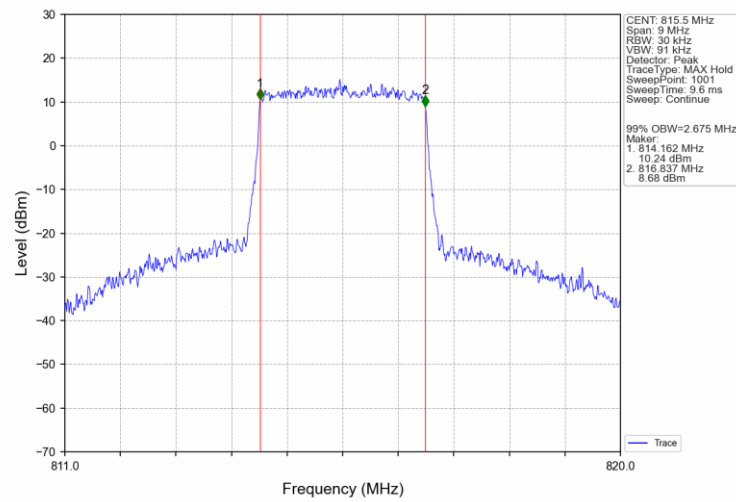
Band26a 3MHz QPSK MCH 819MHz RB 15 0 NTV



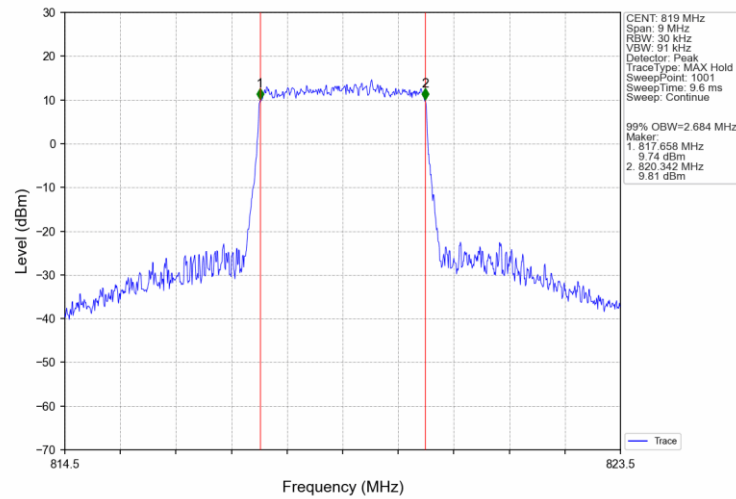
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



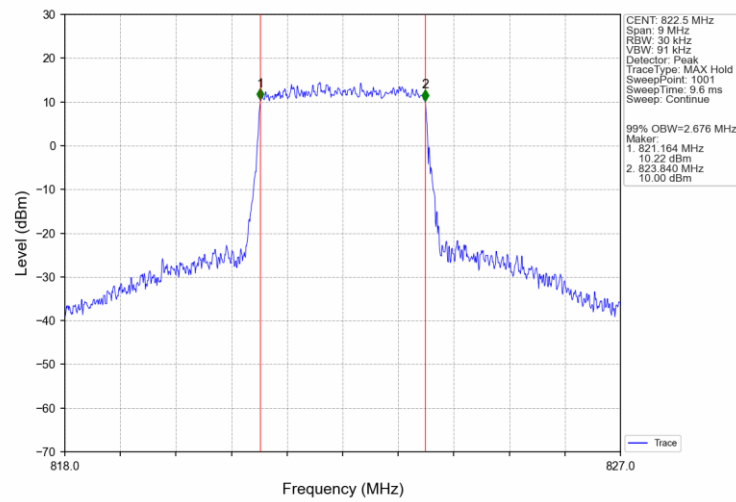
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



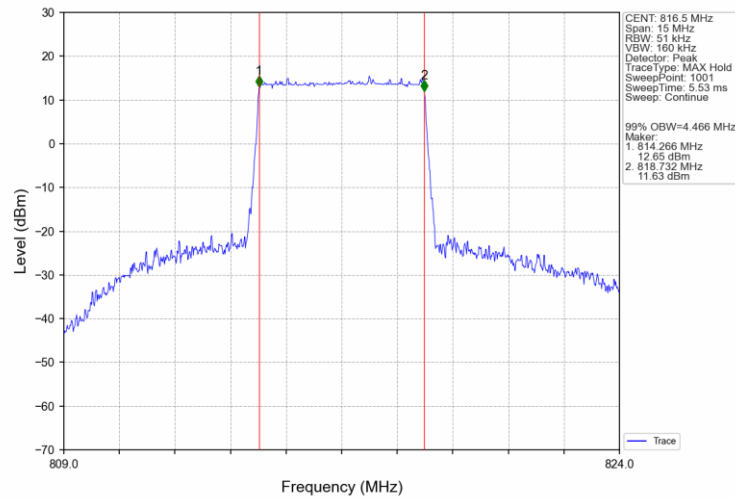
Band26a 3MHz 16QAM MCH 819MHz RB 15 0 NTNV



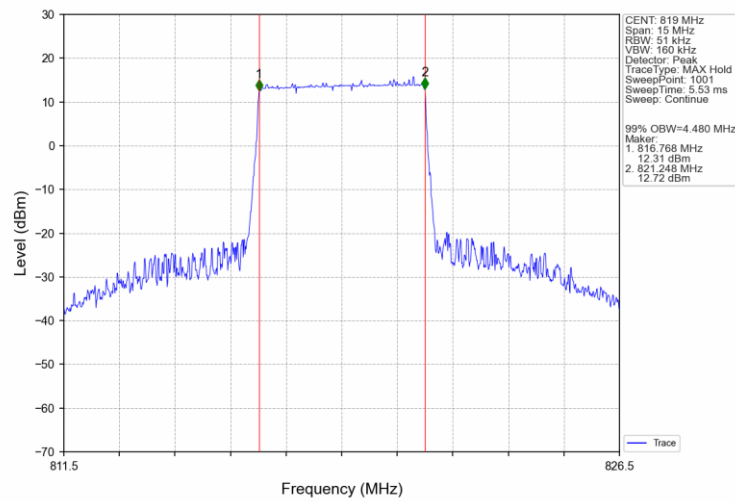
Band26a 3MHz 16QAM HCH 822.5MHz RB 15 0 NTNV



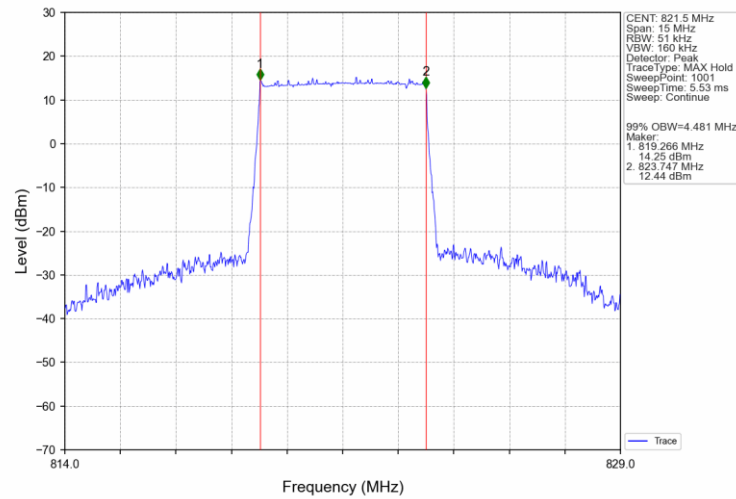
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



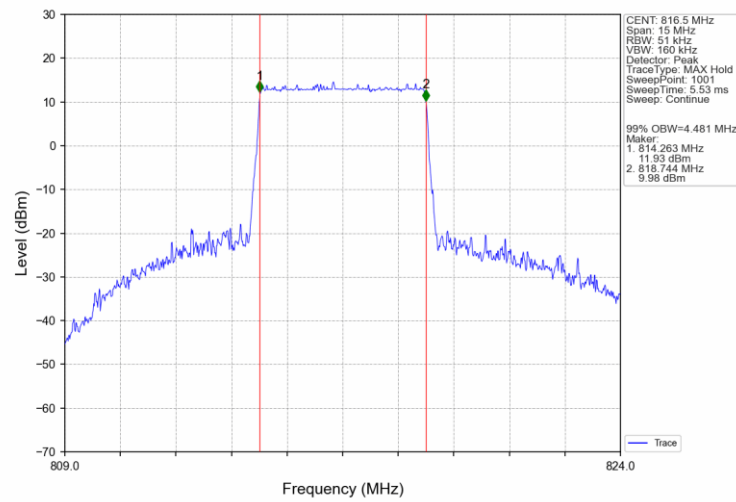
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



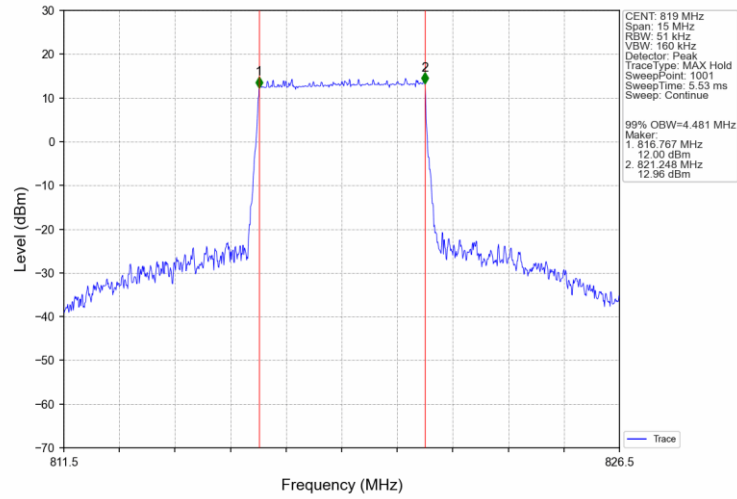
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



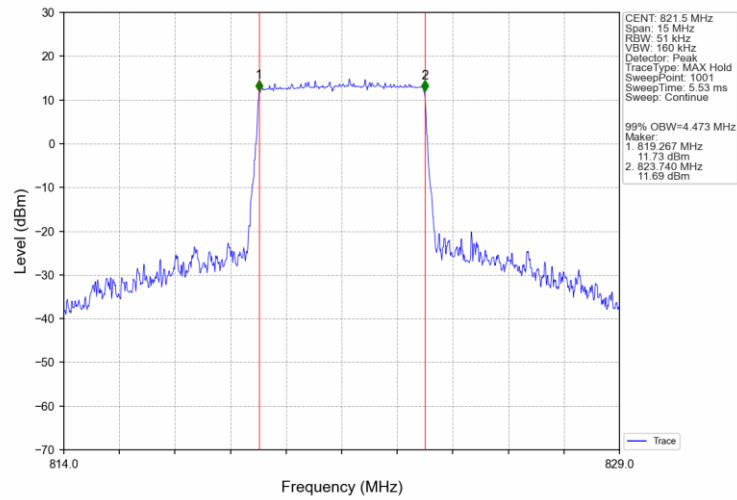
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



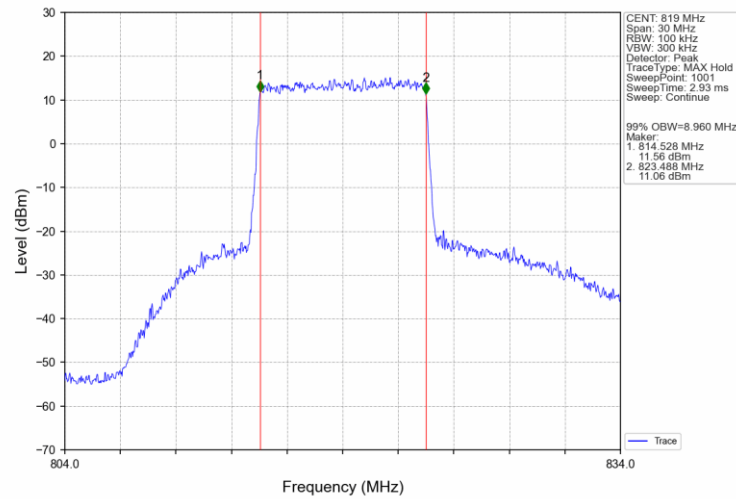
Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV



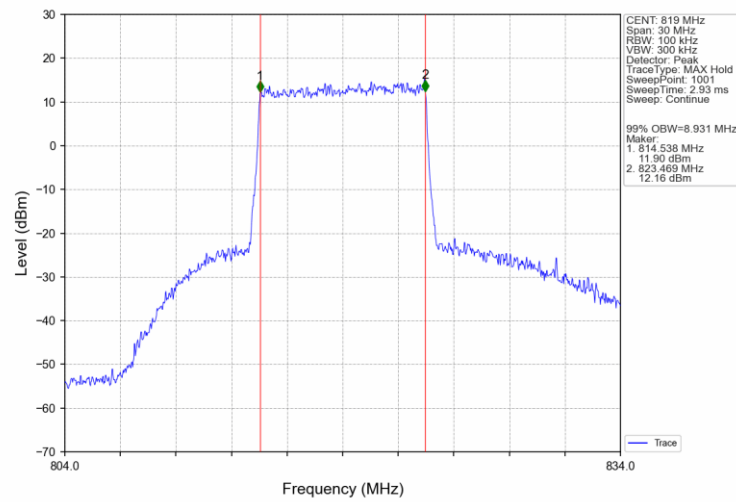
Band26a 5MHz 16QAM HCH 821.5MHz RB 25 0 NTNV



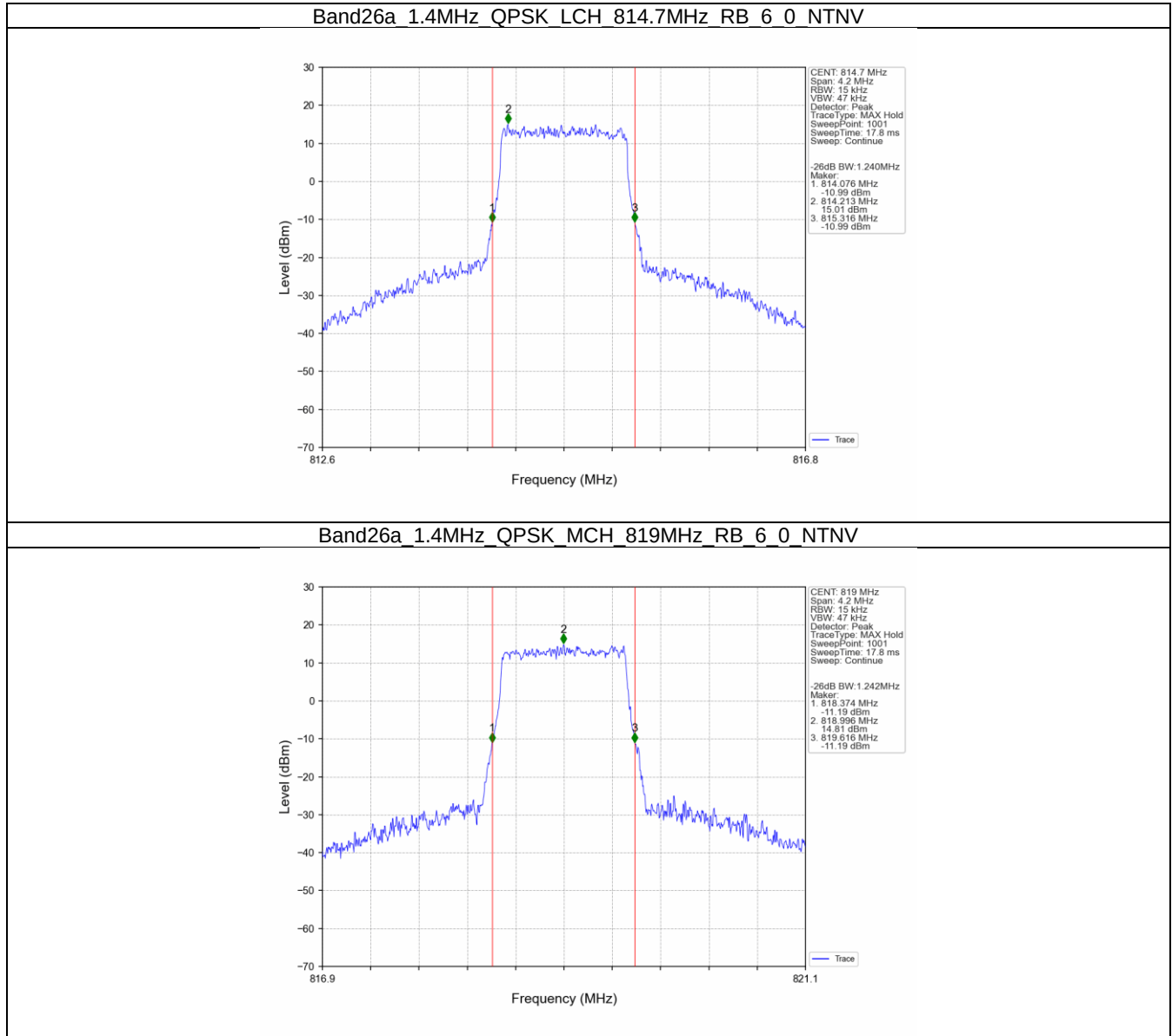
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



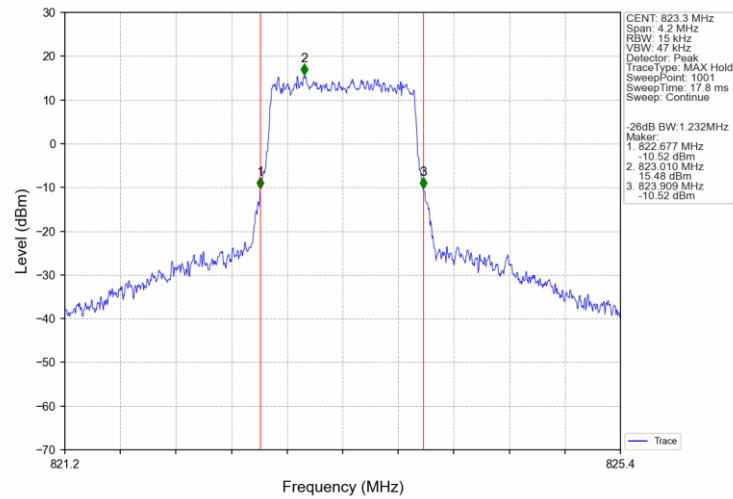
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



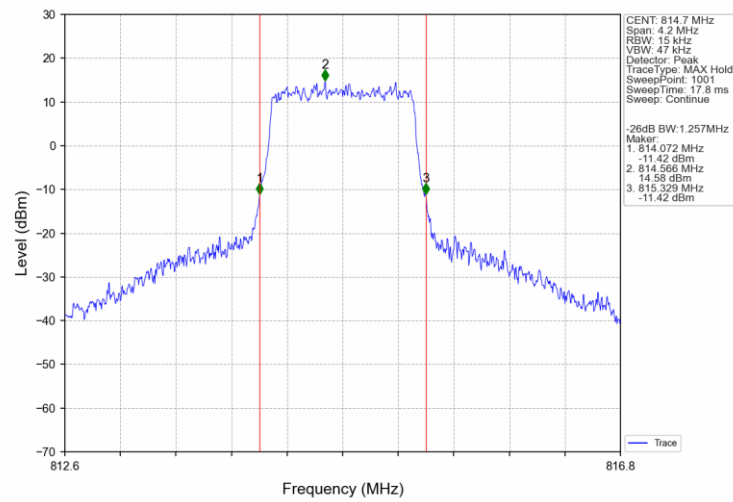
4.2.2 Band26a_XDB



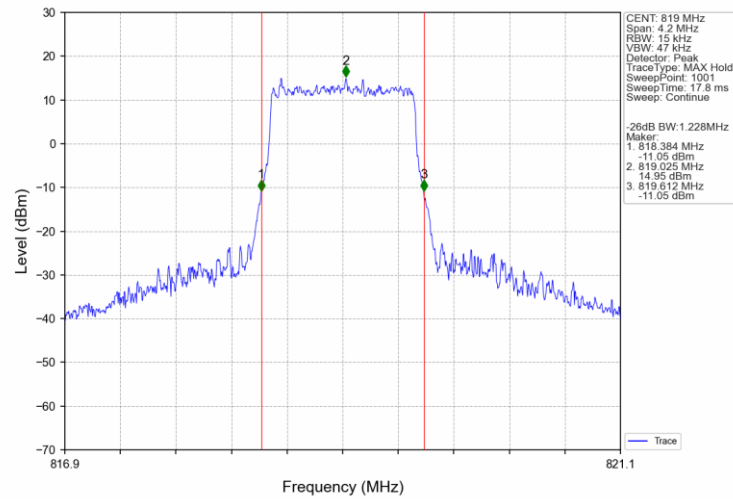
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



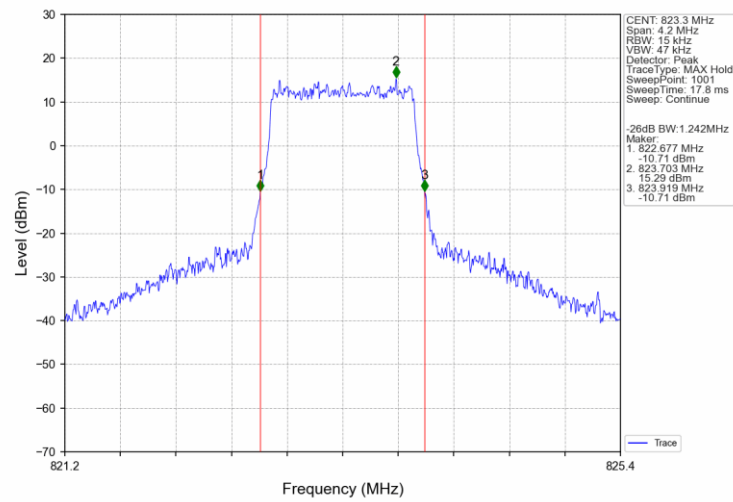
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



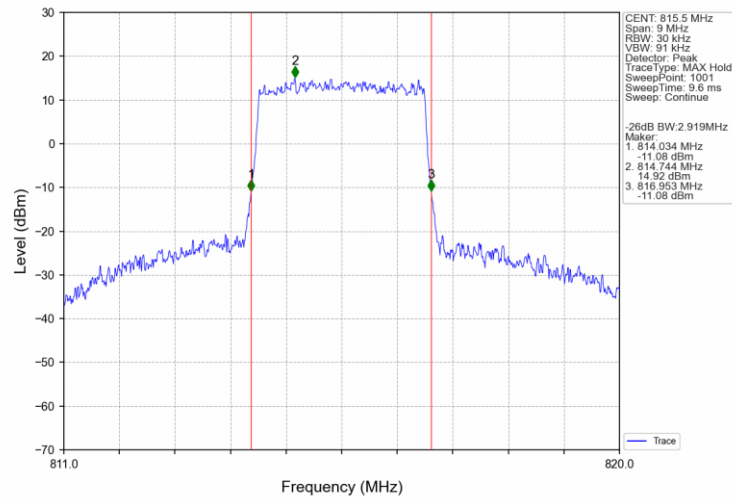
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



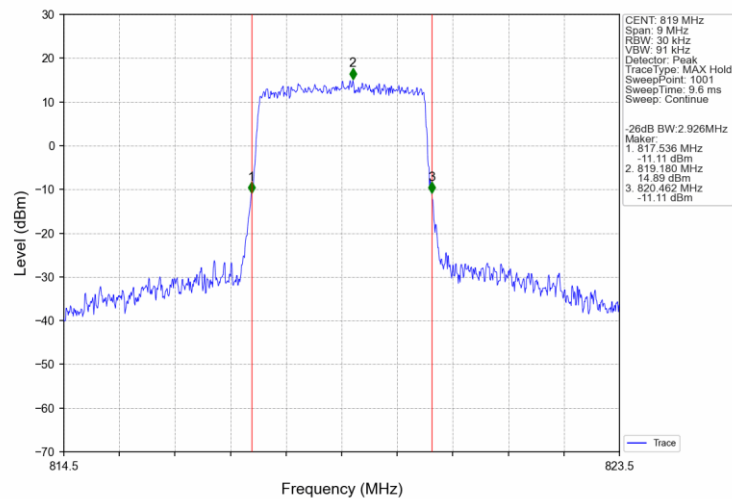
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



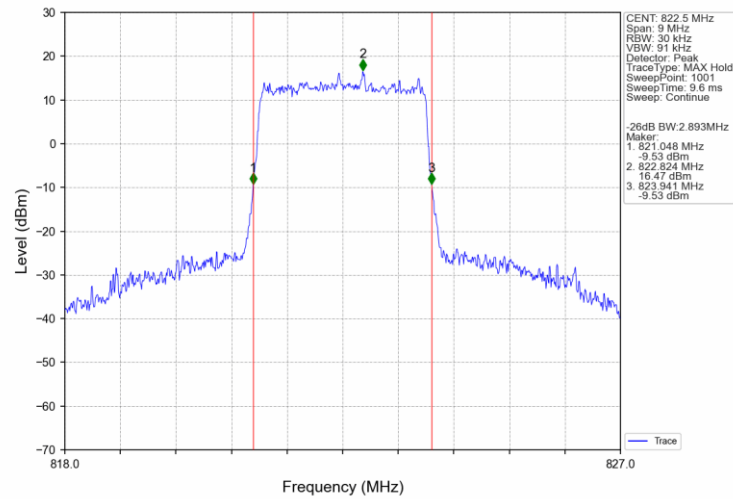
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTV



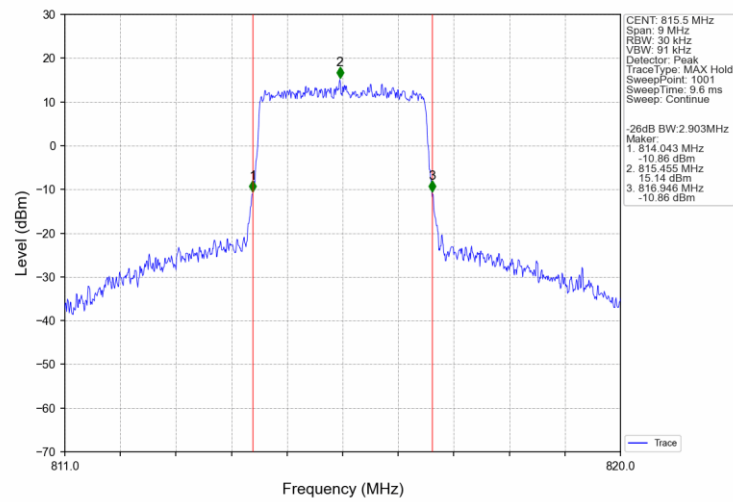
Band26a 3MHz QPSK MCH 819MHz RB 15 0 NTV



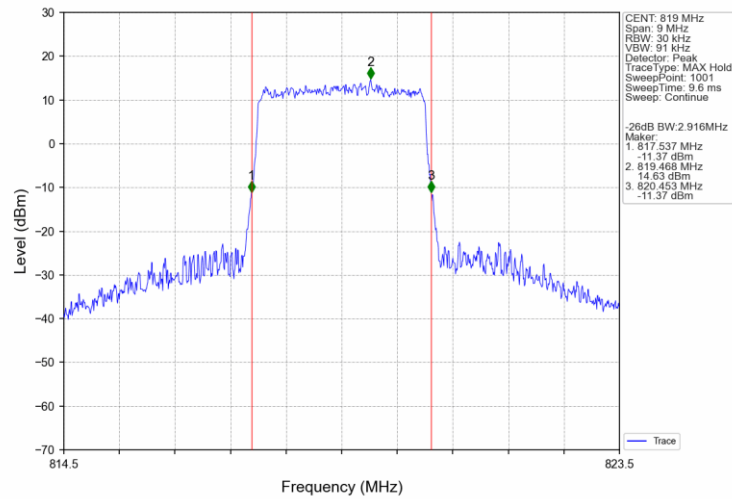
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



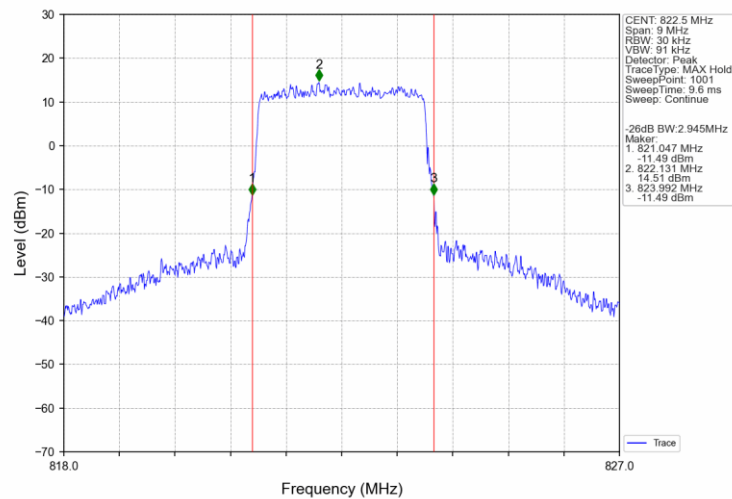
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



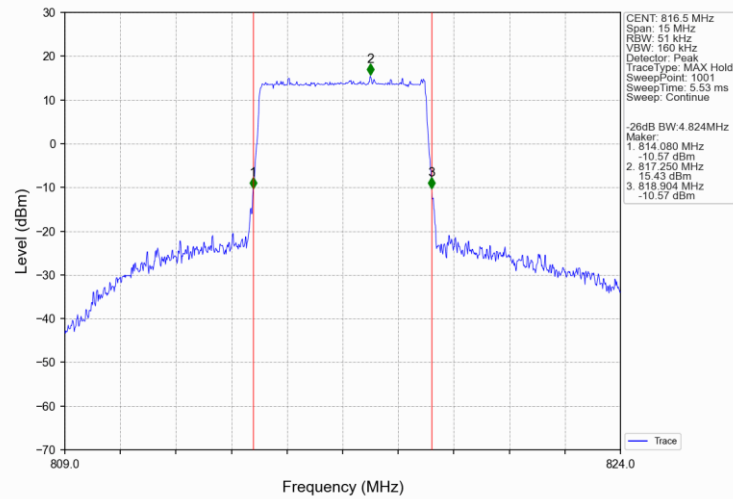
Band26a 3MHz 16QAM MCH 819MHz RB 15 0 NTNV



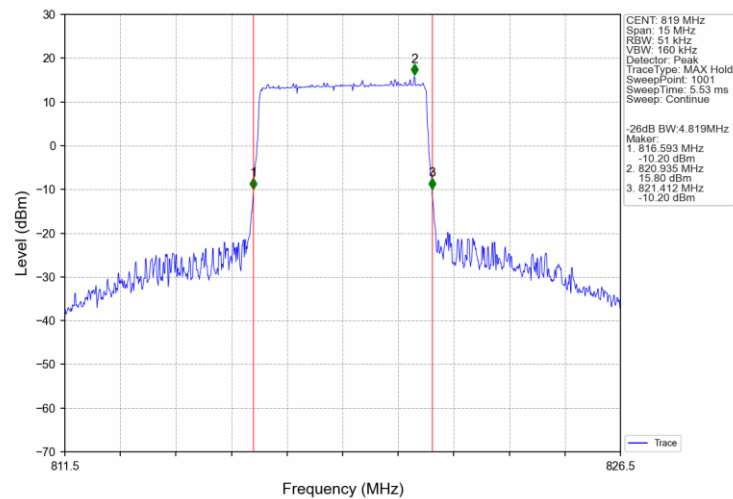
Band26a 3MHz 16QAM HCH 822.5MHz RB 15 0 NTNV



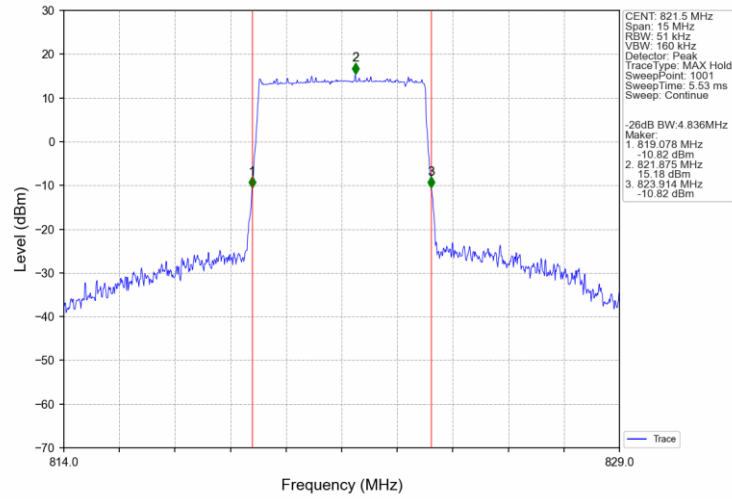
Band26a 5MHz QPSK LCH 816.5MHz RB 25 0 NTV



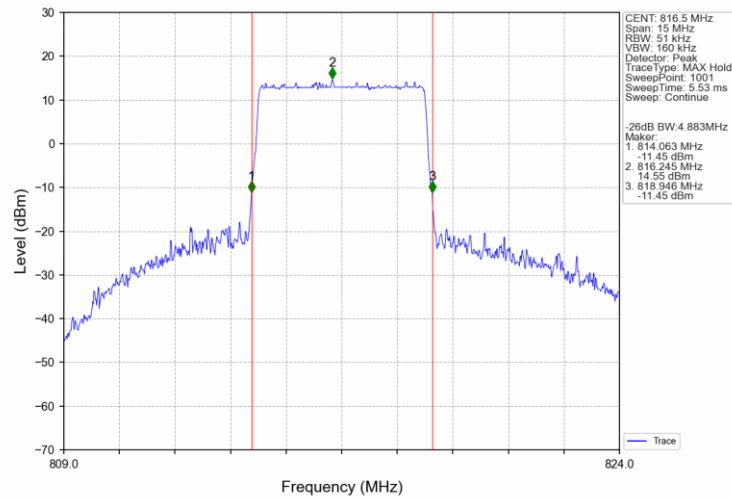
Band26a 5MHz QPSK MCH 819MHz RB 25 0 NTV



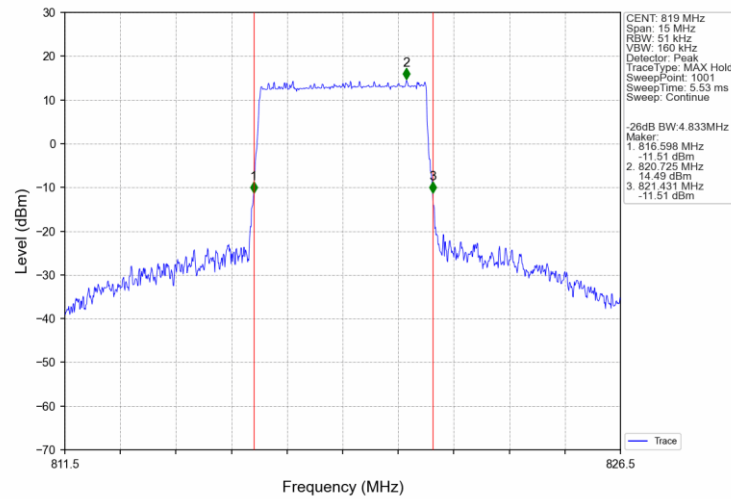
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



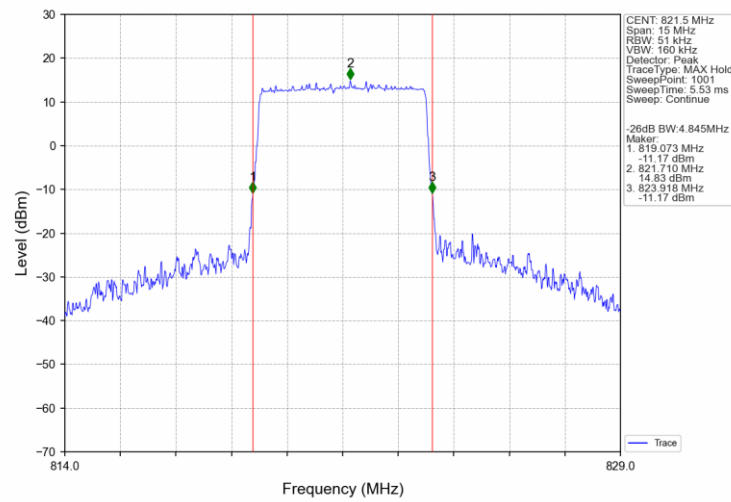
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



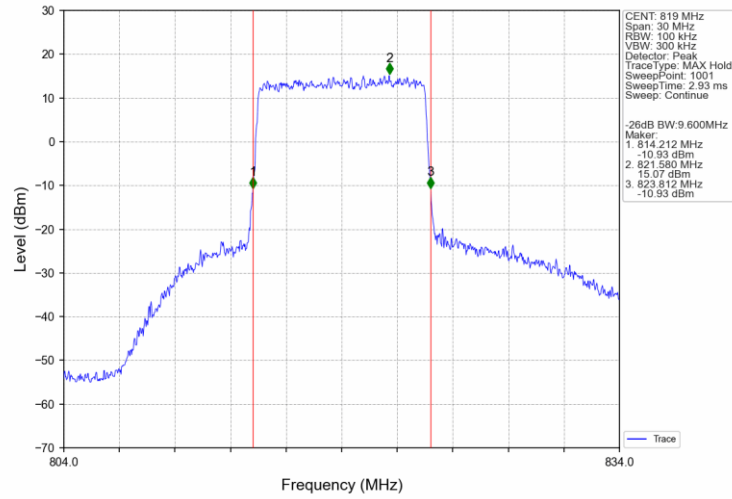
Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV



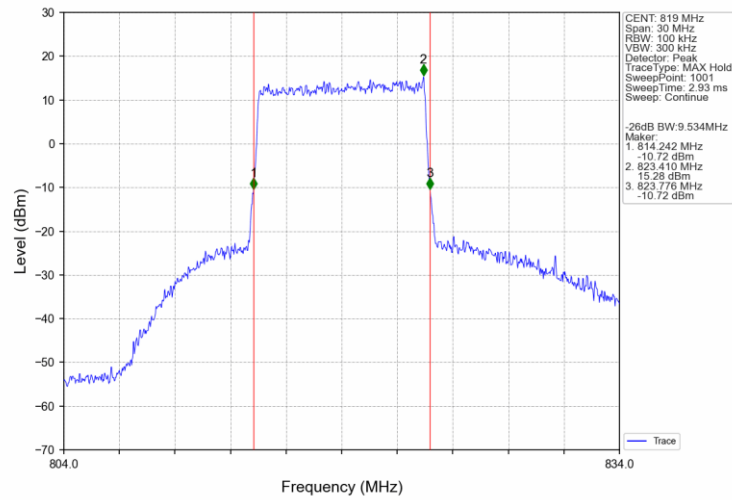
Band26a 5MHz 16QAM HCH 821.5MHz RB 25 0 NTNV



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	4.60	<=13	Pass
	819	6	0	5.32	<=13	Pass
	823.3	6	0	4.95	<=13	Pass
16QAM	814.7	6	0	5.33	<=13	Pass
	819	6	0	6.06	<=13	Pass
	823.3	6	0	5.63	<=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	4.73	<=13	Pass
	819	15	0	5.26	<=13	Pass
	822.5	15	0	5.02	<=13	Pass
16QAM	815.5	15	0	5.40	<=13	Pass
	819	15	0	5.99	<=13	Pass
	822.5	15	0	5.74	<=13	Pass

5.1.3 B26a_5MHz

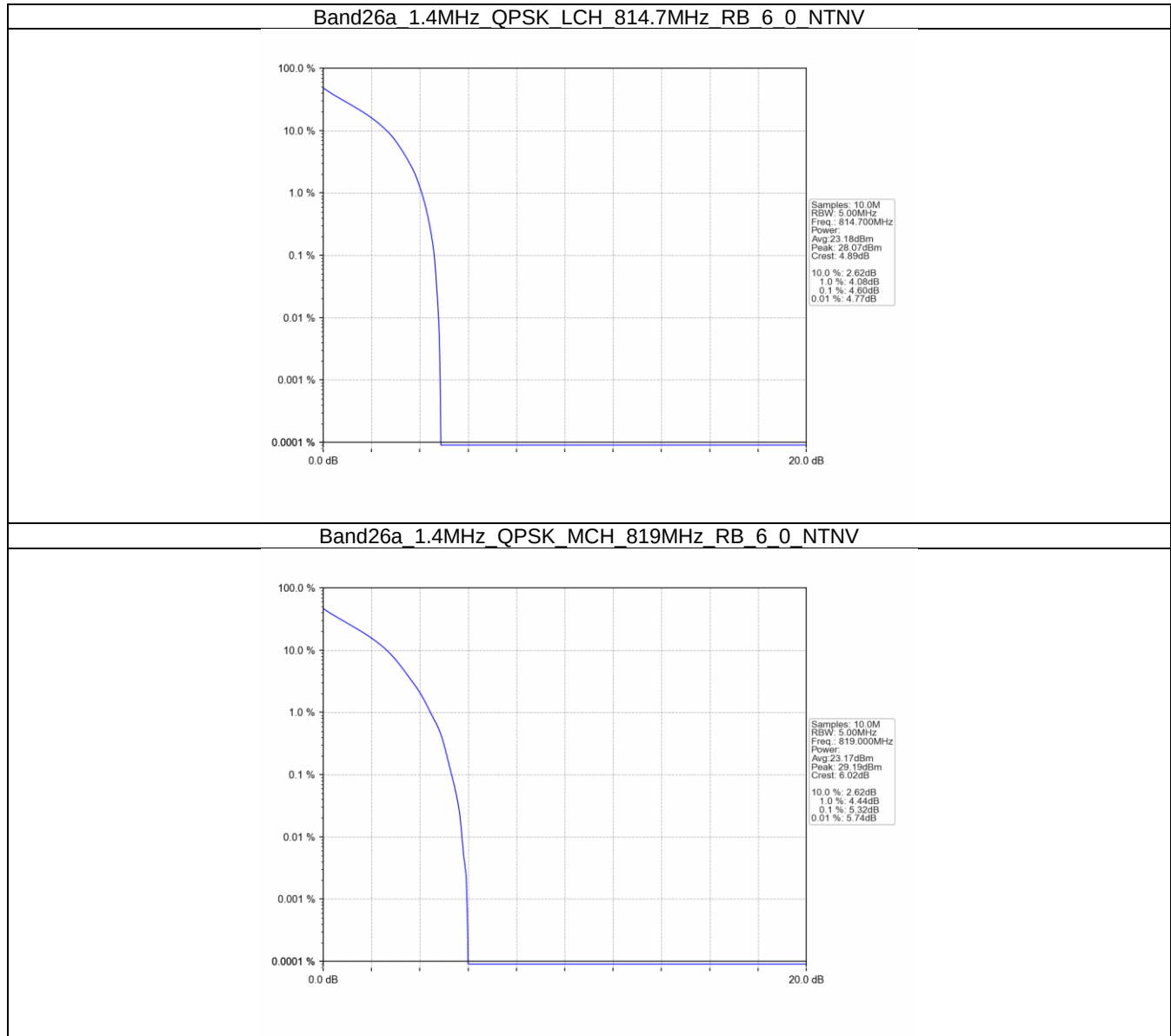
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.13	<=13	Pass
	819	25	0	5.38	<=13	Pass
	821.5	25	0	5.32	<=13	Pass
16QAM	816.5	25	0	5.74	<=13	Pass
	819	25	0	6.01	<=13	Pass
	821.5	25	0	5.94	<=13	Pass

5.1.4 B26a_10MHz

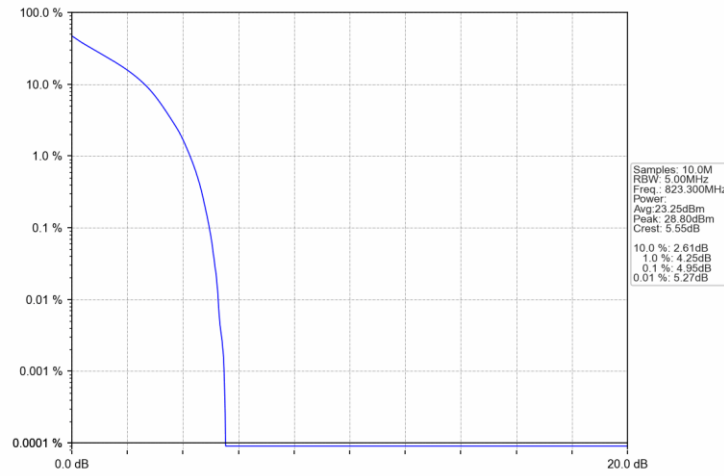
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.19	<=13	Pass
16QAM	819	50	0	5.88	<=13	Pass

5.2 Test Graph

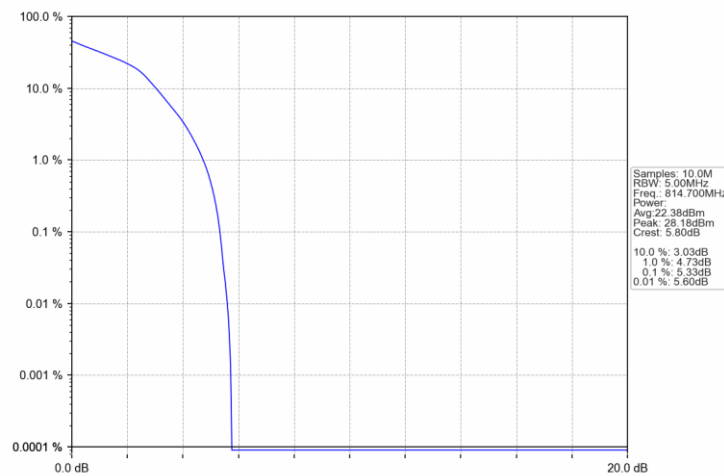
5.2.1 B26a_1.4MHz



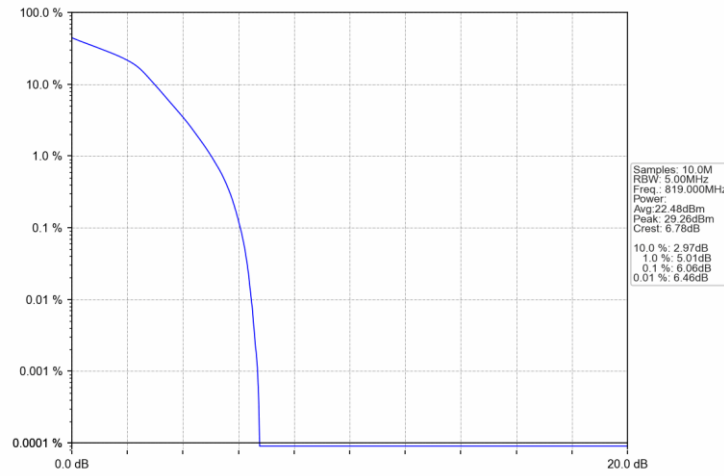
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



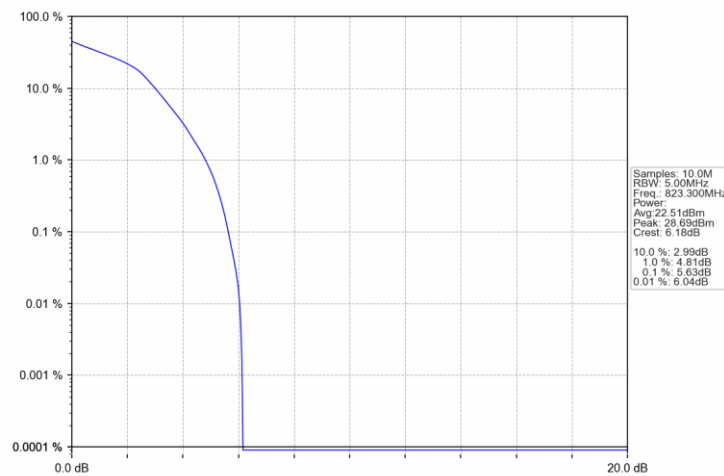
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV

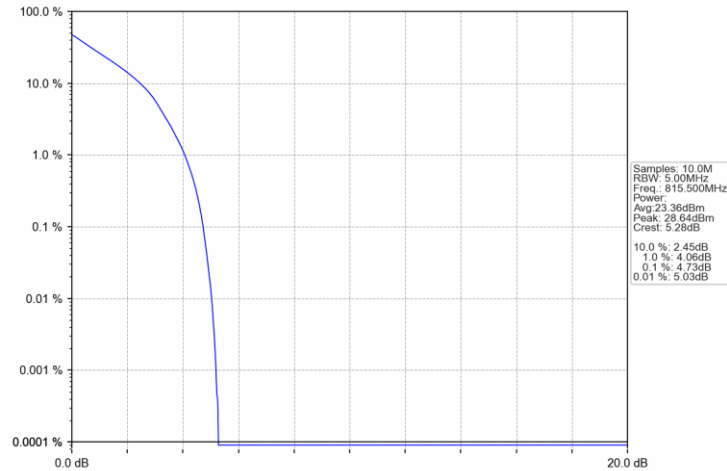


Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV

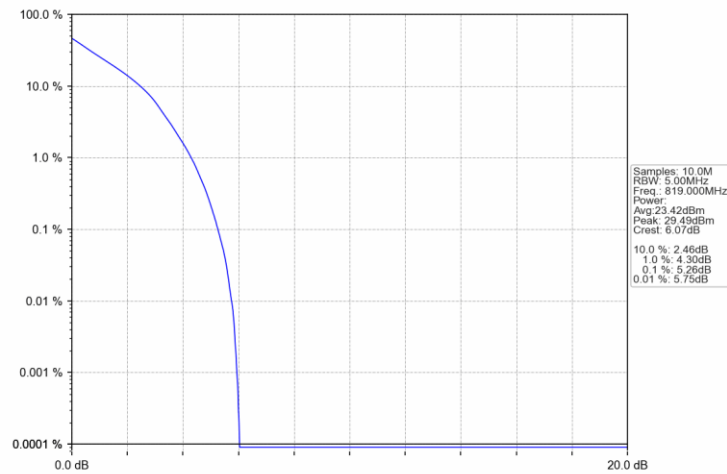


5.2.2 B26a_3MHz

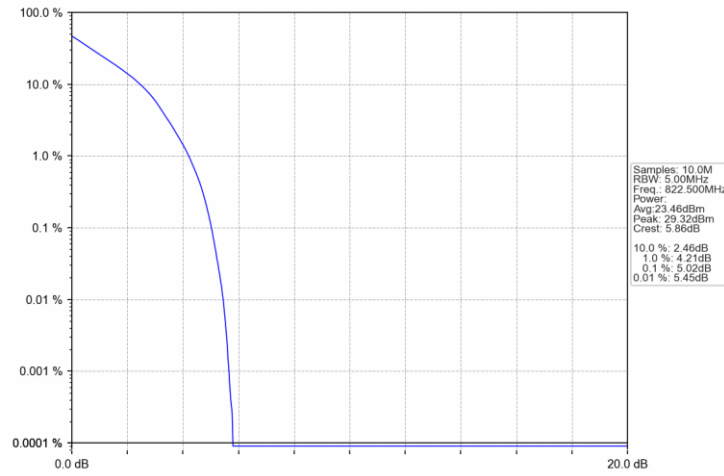
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTNV



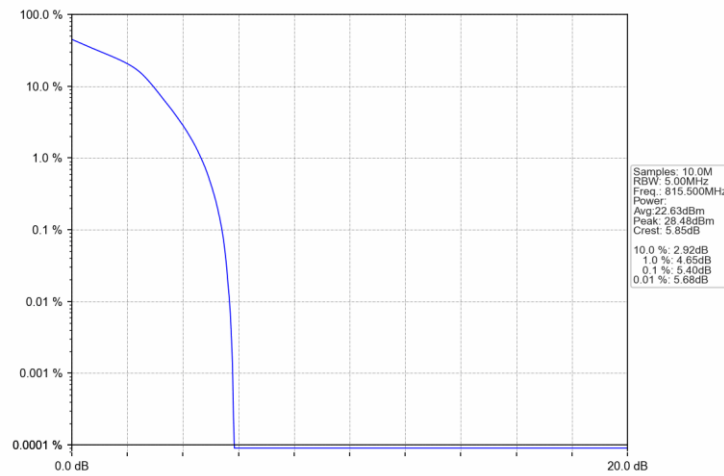
Band26a 3MHz QPSK MCH 819MHz RB 15 0 NTNV



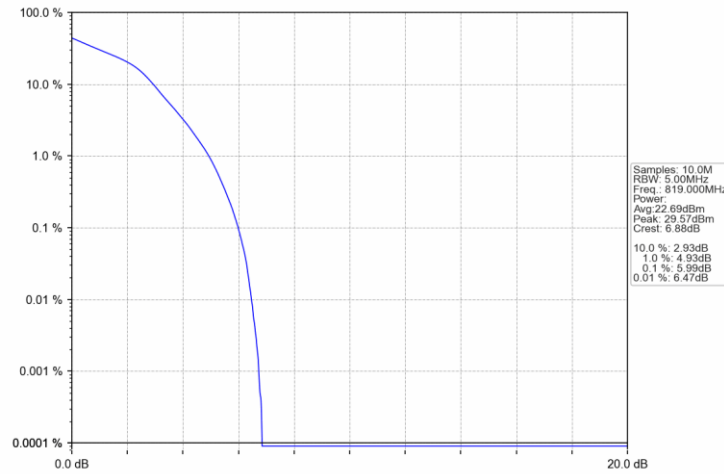
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTN



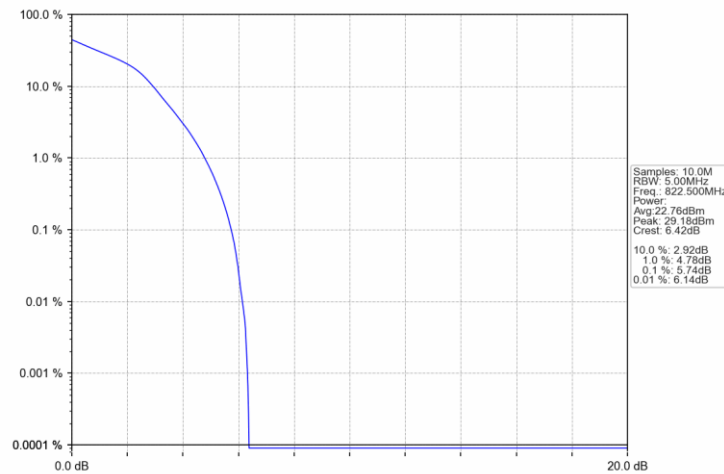
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTN



Band26a 3MHz 16QAM MCH 819MHz RB 15 0 NTNV

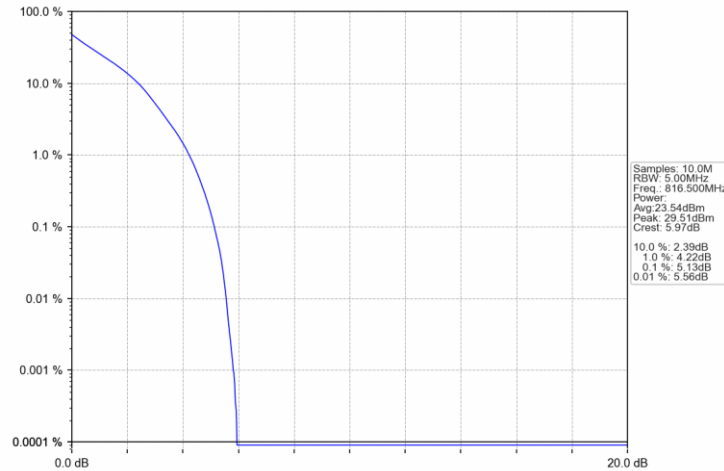


Band26a 3MHz 16QAM HCH 822.5MHz RB 15 0 NTNV

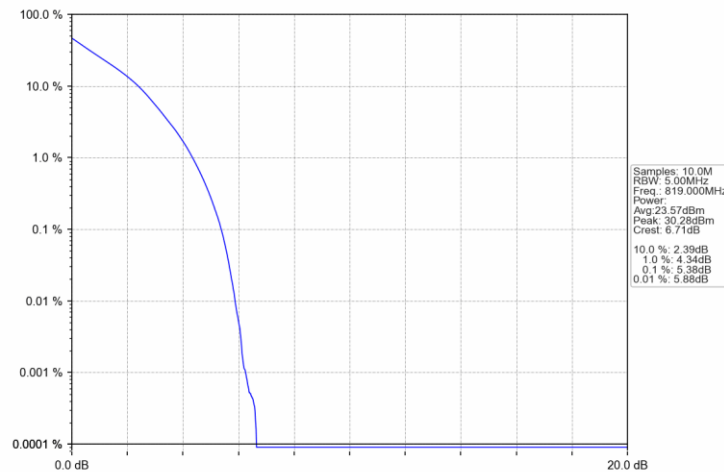


5.2.3 B26a_5MHz

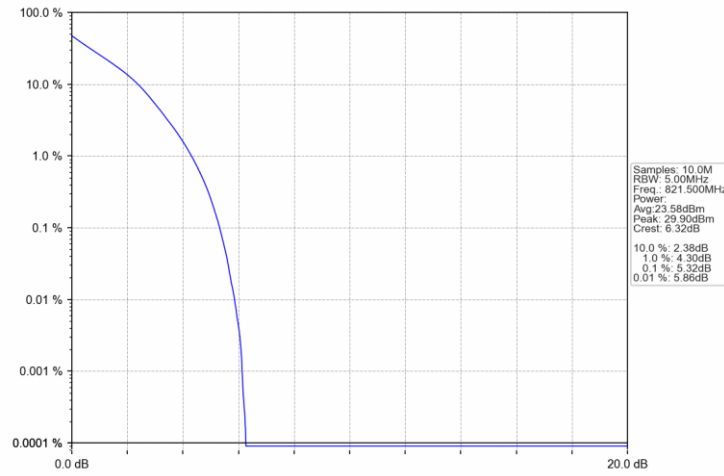
Band26a 5MHz QPSK LCH 816.5MHz RB 25 0 NTNV



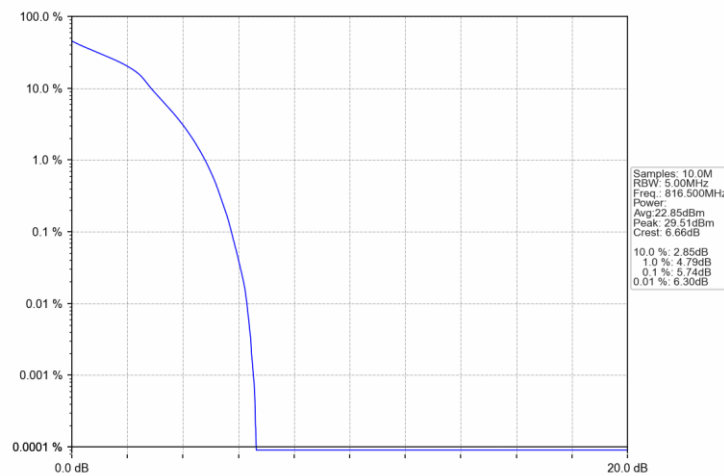
Band26a 5MHz QPSK MCH 819MHz RB 25 0 NTNV



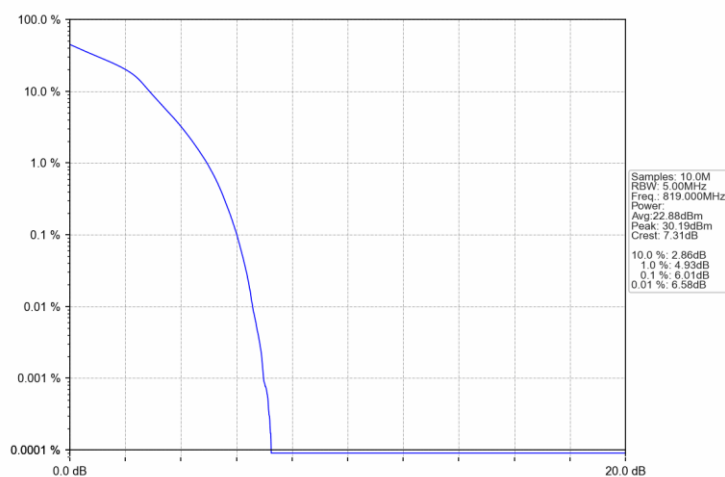
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTN



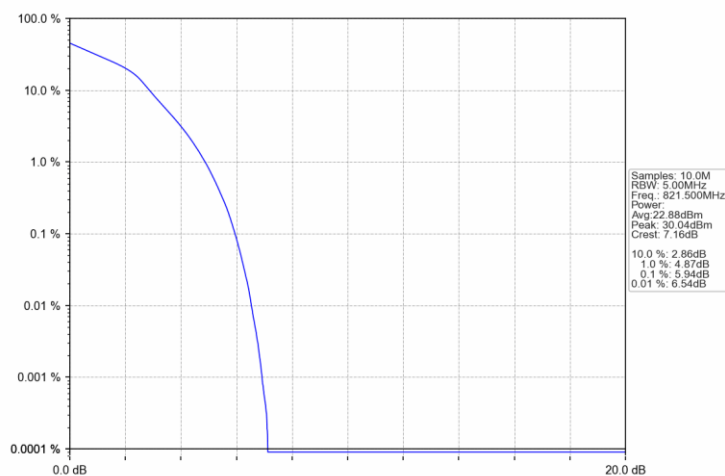
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTN



Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV

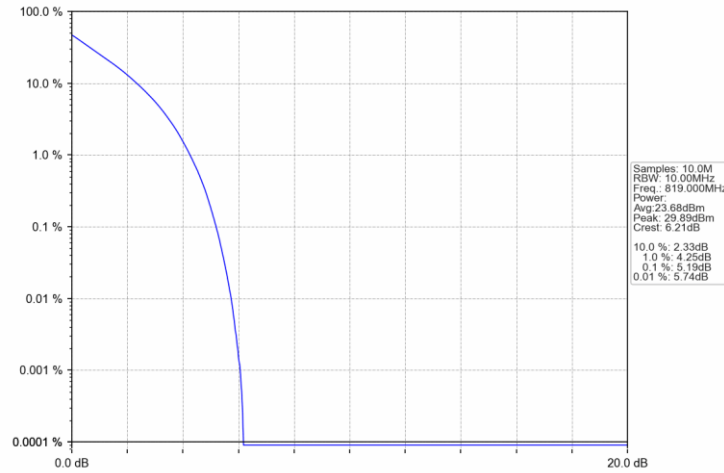


Band26a 5MHz 16QAM HCH 821.5MHz RB 25 0 NTNV

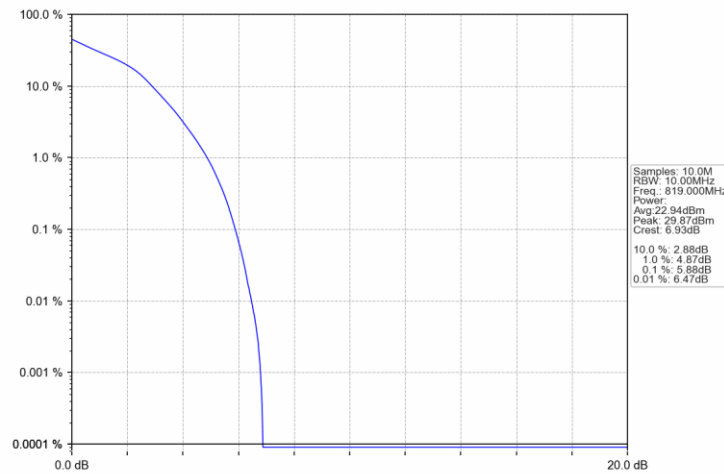


5.2.4 B26a_10MHz

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

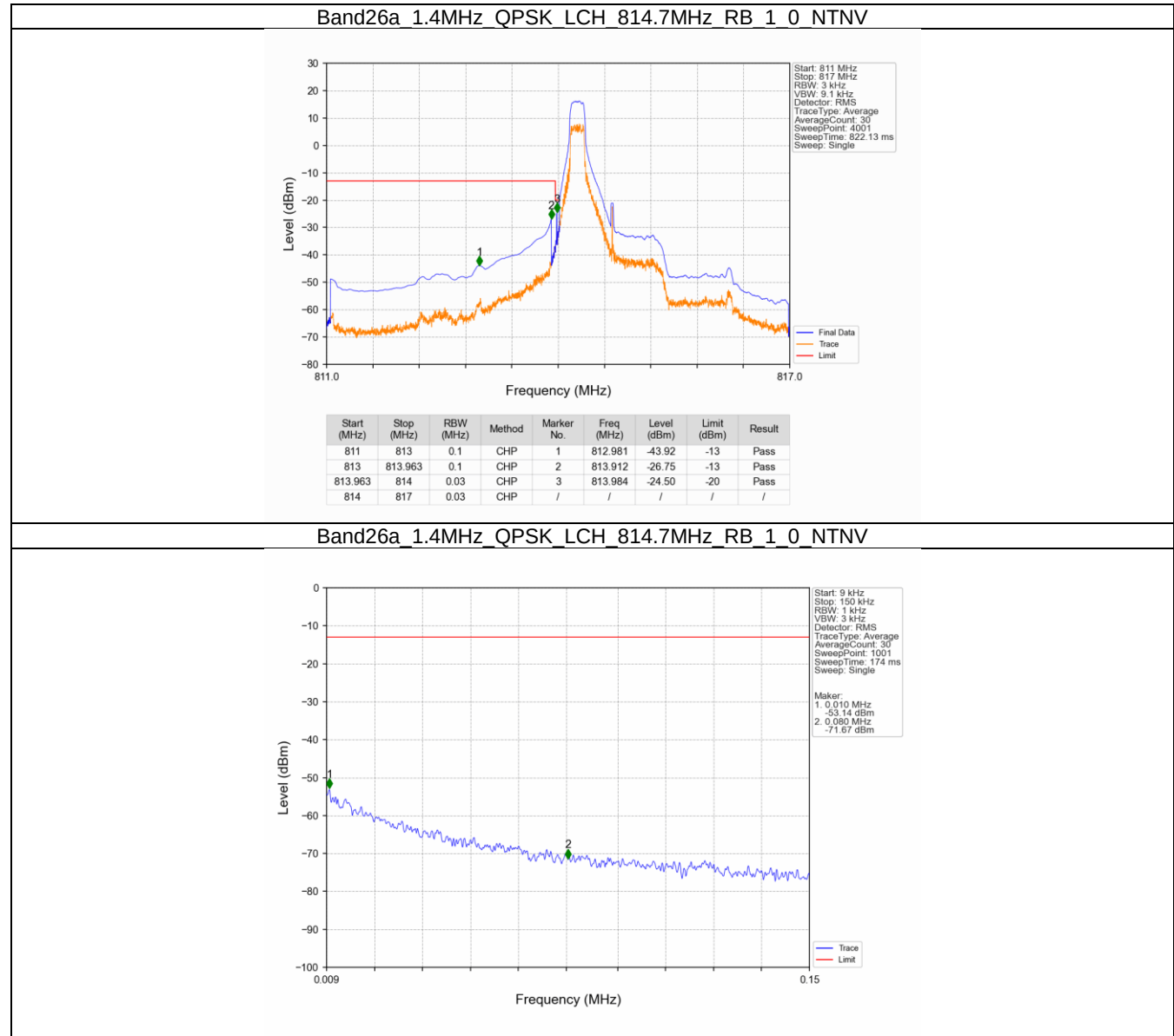
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

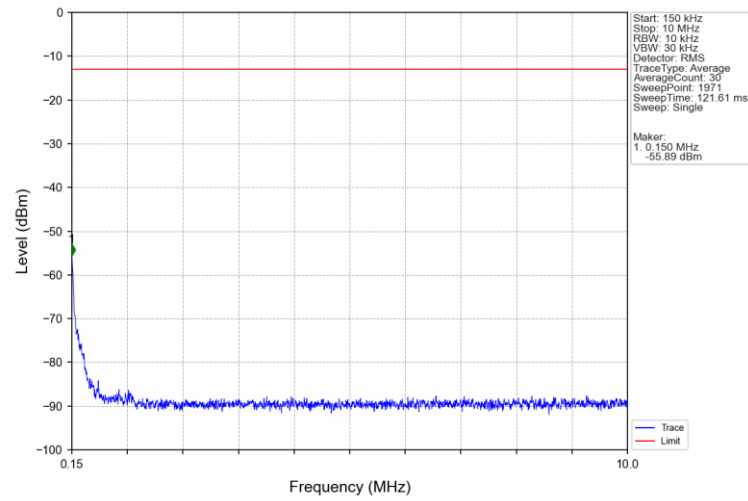
Band: 26a / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	819	1	0	Refer To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

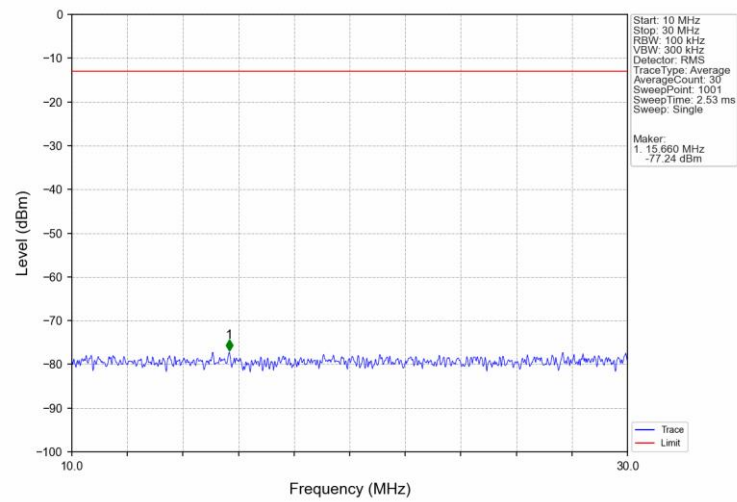
6.2.1 B26a_1.4MHz



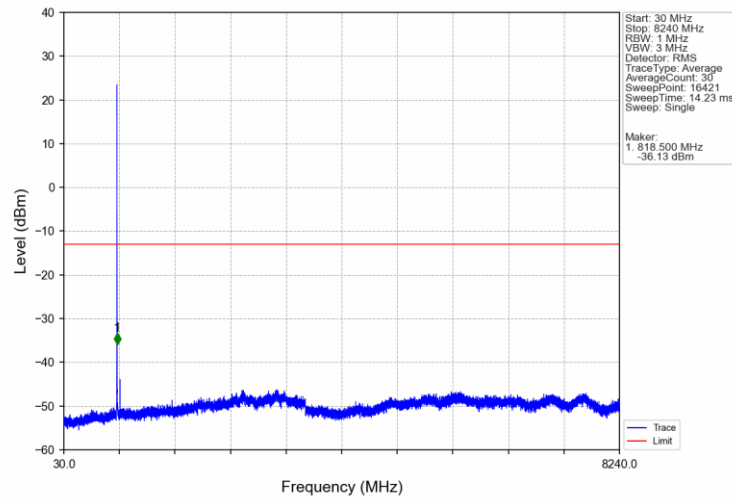
Band26a 1.4MHz QPSK LCH 814.7MHz RB 1 0 NTNV



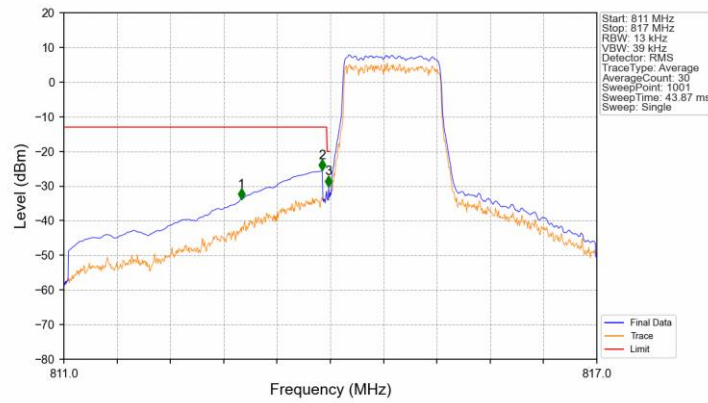
Band26a 1.4MHz QPSK LCH 814.7MHz RB 1 0 NTNV



Band26a 1.4MHz QPSK LCH 814.7MHz RB 1 0 NTNV

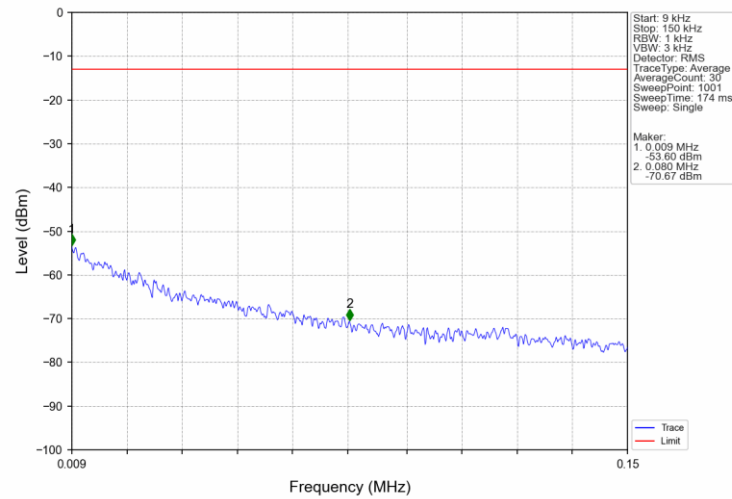


Band26a 1.4MHz QPSK LCH 814.7MHz RB 6 0 NTNV

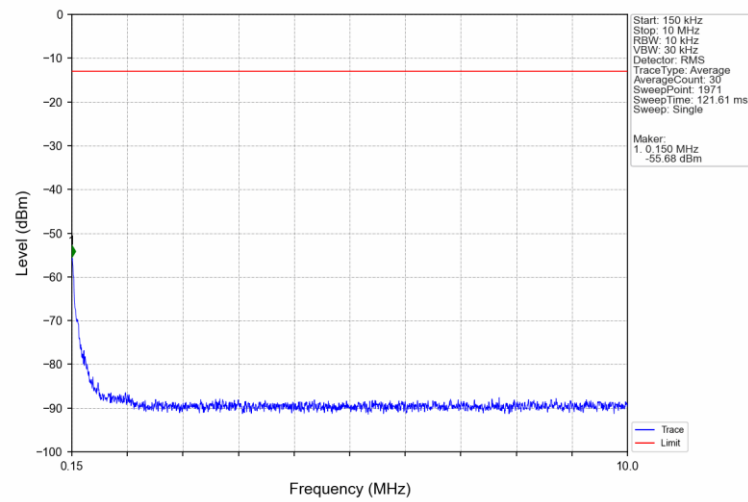


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.998	-33.89	-13	Pass
813	813.963	0.1	CHP	2	813.910	-25.45	-13	Pass
813.963	814	0.03	CHP	3	813.982	-30.13	-20	Pass
814	817	0.03	CHP	/	/	/	/	/

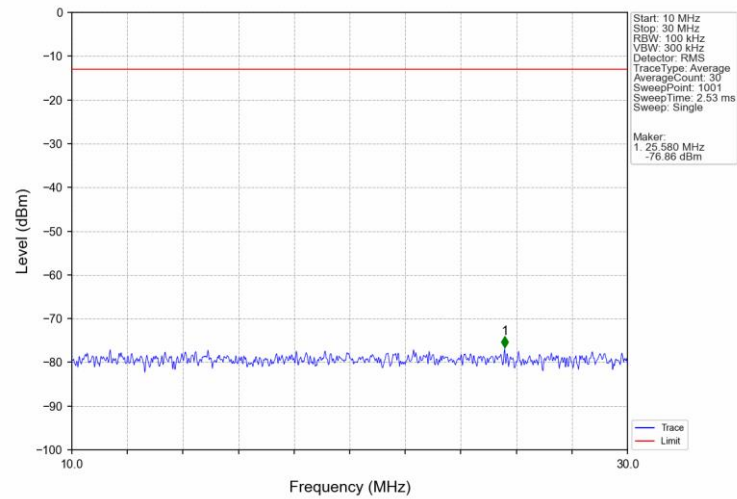
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



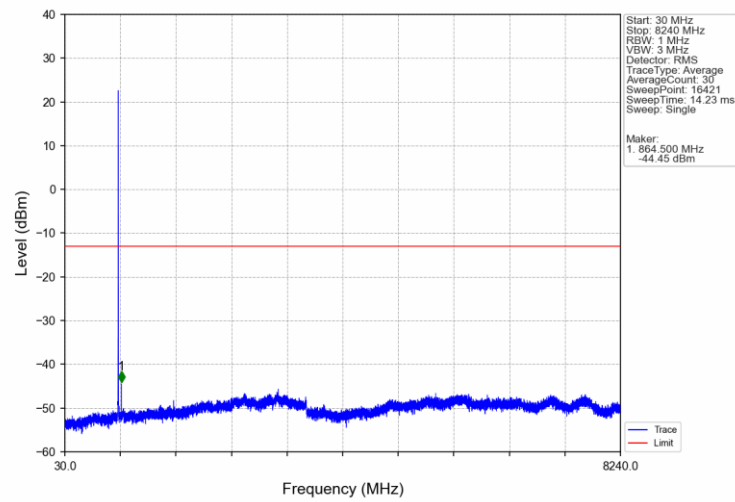
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



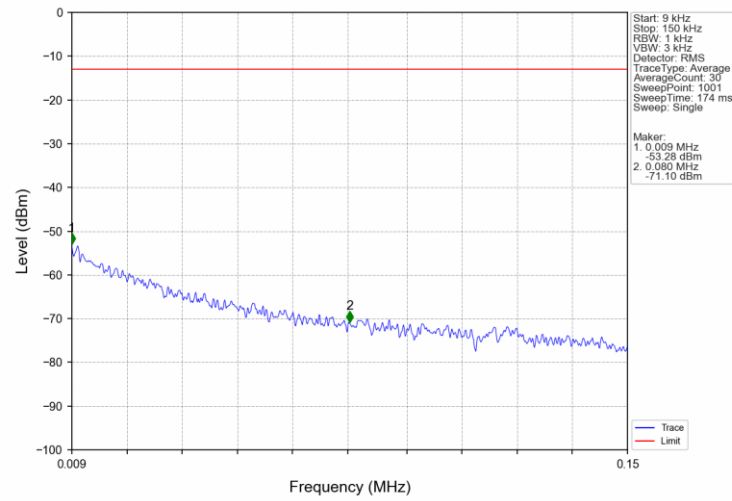
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



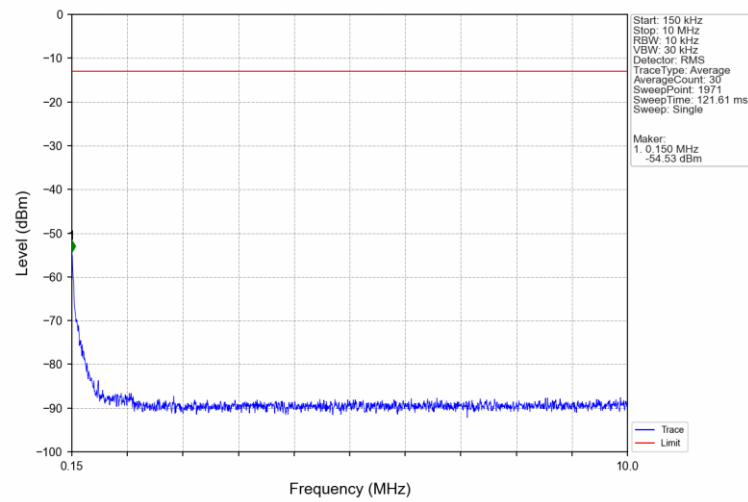
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



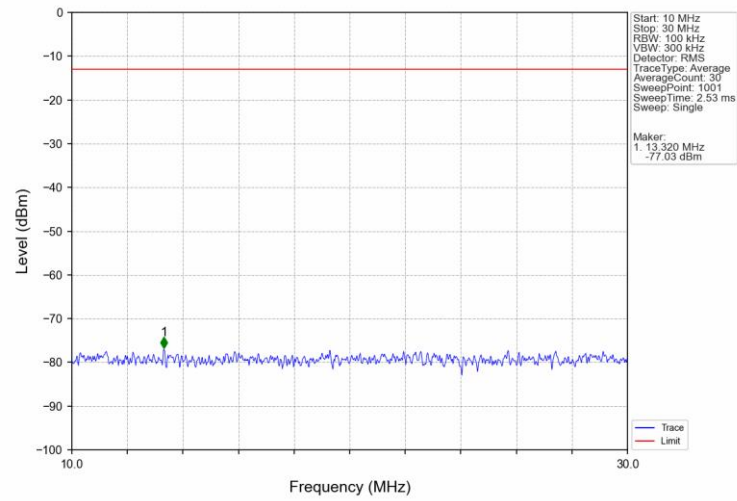
Band26a 1.4MHz QPSK HCH 823.3MHz RB 1 0 NTN



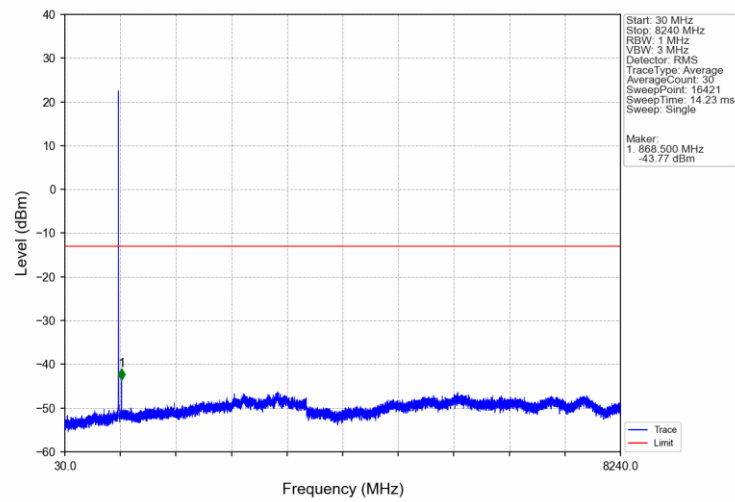
Band26a 1.4MHz QPSK HCH 823.3MHz RB 1 0 NTN



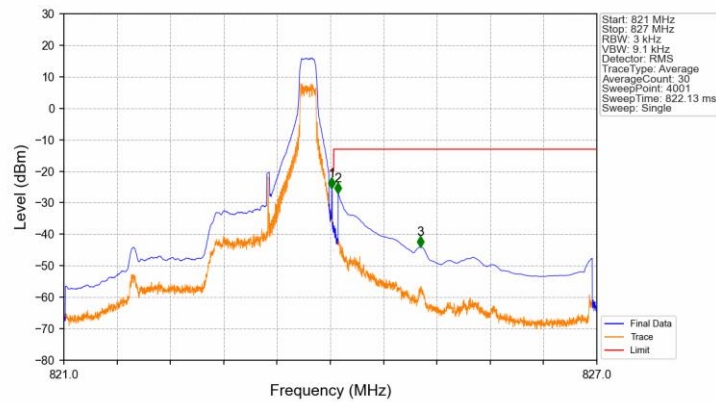
Band26a 1.4MHz QPSK HCH 823.3MHz RB 1 0 NTNV



Band26a 1.4MHz QPSK HCH 823.3MHz RB 1 0 NTNV

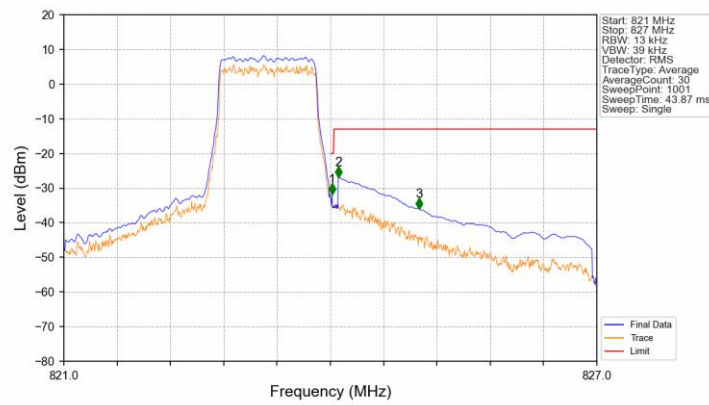


Band26a 1.4MHz QPSK HCH 823.3MHz RB 1 5 NTNV



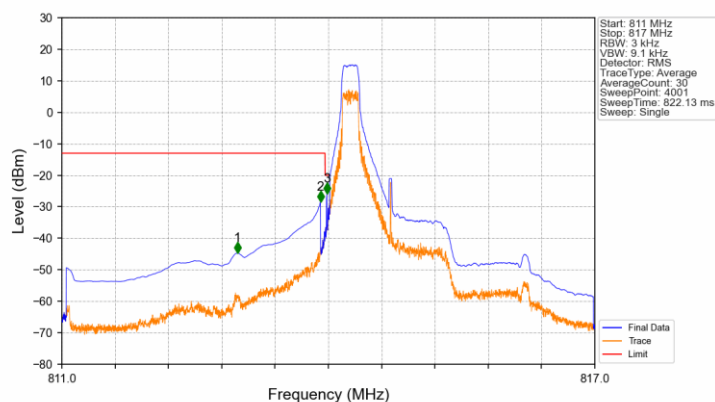
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.03	CHP	/	/	/	/	/
824	824.038	0.03	CHP	1	824.016	-25.46	-20	Pass
824.038	825	0.1	CHP	2	824.088	-26.97	-13	Pass
825	827	0.1	CHP	3	825.014	-44.08	-13	Pass

Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTNV



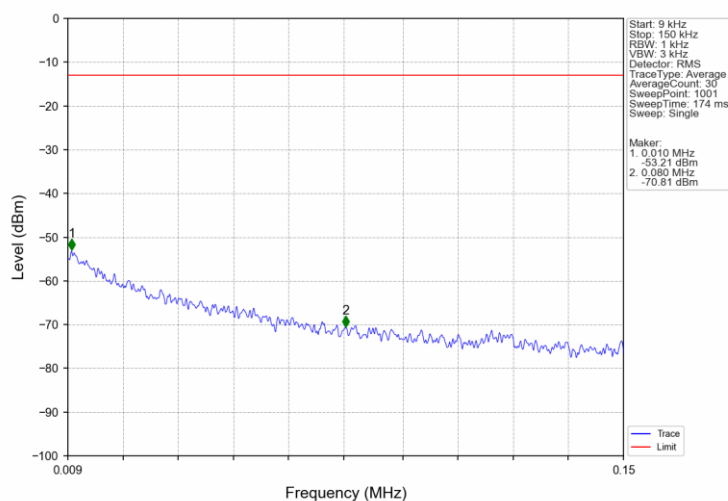
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.03	CHP	/	/	/	/	/
824	824.038	0.03	CHP	1	824.018	-31.85	-20	Pass
824.038	825	0.1	CHP	2	824.090	-26.94	-13	Pass
825	827	0.1	CHP	3	825.002	-36.04	-13	Pass

Band26a 1.4MHz 16QAM LCH 814.7MHz RB 1 0 NTNV

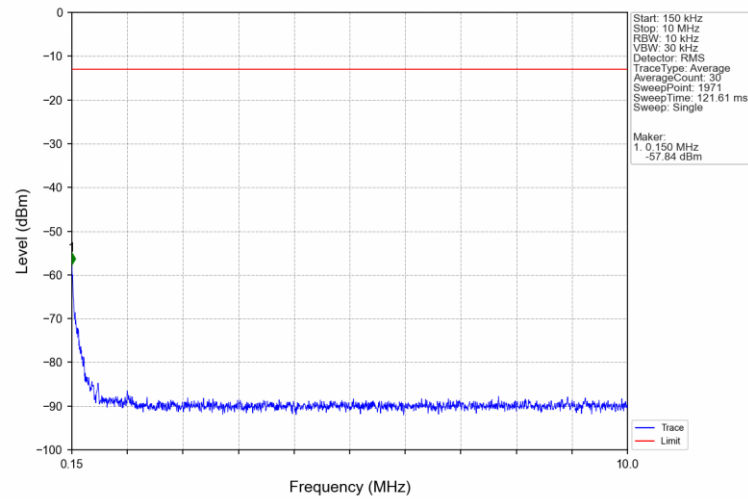


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.977	-44.70	-13	Pass
813	813.963	0.1	CHP	2	813.912	-28.45	-13	Pass
813.963	814	0.03	CHP	3	813.984	-25.93	-20	Pass
814	817	0.03	CHP	/	/	/	/	/

Band26a 1.4MHz 16QAM LCH 814.7MHz RB 1 0 NTNV



Band26a 1.4MHz 16QAM LCH 814.7MHz RB 1 0 NTN



Band26a 1.4MHz 16QAM LCH 814.7MHz RB 1 0 NTN

