

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	814.7	1	0	23.57	-11.23	10.19	<=38.45	Pass
			2	23.41	-11.23	10.03	<=38.45	Pass
			5	23.58	-11.23	10.20	<=38.45	Pass
		3	0	22.97	-11.23	9.59	<=38.45	Pass
			2	22.96	-11.23	9.58	<=38.45	Pass
			3	22.99	-11.23	9.61	<=38.45	Pass
		6	0	21.07	-11.23	7.69	<=38.45	Pass
	819	1	0	23.42	-11.23	10.04	<=38.45	Pass
			2	23.51	-11.23	10.13	<=38.45	Pass
			5	23.52	-11.23	10.14	<=38.45	Pass
		3	0	23.04	-11.23	9.66	<=38.45	Pass
			2	22.98	-11.23	9.60	<=38.45	Pass
			3	22.93	-11.23	9.55	<=38.45	Pass
		6	0	20.92	-11.23	7.54	<=38.45	Pass
	823.3	1	0	23.38	-11.23	10.00	<=38.45	Pass
			2	23.45	-11.23	10.07	<=38.45	Pass
			5	23.28	-11.23	9.90	<=38.45	Pass
		3	0	22.92	-11.23	9.54	<=38.45	Pass
			2	22.87	-11.23	9.49	<=38.45	Pass
			3	23.03	-11.23	9.65	<=38.45	Pass
		6	0	20.94	-11.23	7.56	<=38.45	Pass
16QAM	814.7	1	0	22.63	-11.23	9.25	<=38.45	Pass
			2	23.21	-11.23	9.83	<=38.45	Pass
			5	23.49	-11.23	10.11	<=38.45	Pass
		3	0	22.18	-11.23	8.80	<=38.45	Pass
			2	22.07	-11.23	8.69	<=38.45	Pass
			3	22.04	-11.23	8.66	<=38.45	Pass
		6	0	21.13	-11.23	7.75	<=38.45	Pass
	819	1	0	23.16	-11.23	9.78	<=38.45	Pass
			2	23.35	-11.23	9.97	<=38.45	Pass
			5	22.57	-11.23	9.19	<=38.45	Pass
		3	0	21.95	-11.23	8.57	<=38.45	Pass
			2	21.96	-11.23	8.58	<=38.45	Pass
			3	22.06	-11.23	8.68	<=38.45	Pass
		6	0	21.10	-11.23	7.72	<=38.45	Pass
	823.3	1	0	22.50	-11.23	9.12	<=38.45	Pass
			2	23.11	-11.23	9.73	<=38.45	Pass
			5	22.48	-11.23	9.10	<=38.45	Pass
		3	0	22.11	-11.23	8.73	<=38.45	Pass
			2	21.91	-11.23	8.53	<=38.45	Pass
			3	21.99	-11.23	8.61	<=38.45	Pass
		6	0	21.04	-11.23	7.66	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B26a_3MHz_ERP

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	23.55	-11.23	10.17	<=38.45	Pass
			7	23.58	-11.23	10.20	<=38.45	Pass
			14	23.64	-11.23	10.26	<=38.45	Pass
		8	0	21.01	-11.23	7.63	<=38.45	Pass
			4	21.08	-11.23	7.70	<=38.45	Pass
			7	20.94	-11.23	7.56	<=38.45	Pass
		15	0	21.10	-11.23	7.72	<=38.45	Pass
	819	1	0	23.58	-11.23	10.20	<=38.45	Pass
			7	23.58	-11.23	10.20	<=38.45	Pass
			14	23.57	-11.23	10.19	<=38.45	Pass
		8	0	20.98	-11.23	7.60	<=38.45	Pass
			4	20.98	-11.23	7.60	<=38.45	Pass
			7	20.97	-11.23	7.59	<=38.45	Pass
		15	0	21.05	-11.23	7.67	<=38.45	Pass
	822.5	1	0	23.43	-11.23	10.05	<=38.45	Pass
			7	23.41	-11.23	10.03	<=38.45	Pass
			14	23.54	-11.23	10.16	<=38.45	Pass
		8	0	20.97	-11.23	7.59	<=38.45	Pass
			4	20.92	-11.23	7.54	<=38.45	Pass
			7	21.06	-11.23	7.68	<=38.45	Pass
		15	0	21.07	-11.23	7.69	<=38.45	Pass
16QAM	815.5	1	0	24.04	-11.23	10.66	<=38.45	Pass
			7	22.61	-11.23	9.23	<=38.45	Pass
			14	23.27	-11.23	9.89	<=38.45	Pass
		8	0	21.21	-11.23	7.83	<=38.45	Pass
			4	21.29	-11.23	7.91	<=38.45	Pass
			7	21.22	-11.23	7.84	<=38.45	Pass
		15	0	21.17	-11.23	7.79	<=38.45	Pass
	819	1	0	23.46	-11.23	10.08	<=38.45	Pass
			7	22.58	-11.23	9.20	<=38.45	Pass
			14	23.25	-11.23	9.87	<=38.45	Pass
		8	0	21.16	-11.23	7.78	<=38.45	Pass
			4	21.25	-11.23	7.87	<=38.45	Pass
			7	21.23	-11.23	7.85	<=38.45	Pass
		15	0	21.14	-11.23	7.76	<=38.45	Pass
	822.5	1	0	23.11	-11.23	9.73	<=38.45	Pass
			7	23.10	-11.23	9.72	<=38.45	Pass
			14	22.51	-11.23	9.13	<=38.45	Pass
		8	0	21.28	-11.23	7.90	<=38.45	Pass
			4	21.16	-11.23	7.78	<=38.45	Pass
			7	21.27	-11.23	7.89	<=38.45	Pass
		15	0	21.17	-11.23	7.79	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B26a_5MHz_ERP

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	23.36	-11.23	9.98	<=38.45	Pass
			13	23.44	-11.23	10.06	<=38.45	Pass
			24	23.51	-11.23	10.13	<=38.45	Pass
		12	0	21.08	-11.23	7.70	<=38.45	Pass
			6	21.01	-11.23	7.63	<=38.45	Pass

16QAM	819	25	13	21.09	-11.23	7.71	<=38.45	Pass
			0	20.97	-11.23	7.59	<=38.45	Pass
	819	1	0	23.52	-11.23	10.14	<=38.45	Pass
			13	23.51	-11.23	10.13	<=38.45	Pass
			24	23.30	-11.23	9.92	<=38.45	Pass
		12	0	21.05	-11.23	7.67	<=38.45	Pass
			6	21.01	-11.23	7.63	<=38.45	Pass
			13	20.92	-11.23	7.54	<=38.45	Pass
		25	0	20.99	-11.23	7.61	<=38.45	Pass
	821.5	1	0	23.42	-11.23	10.04	<=38.45	Pass
			13	23.50	-11.23	10.12	<=38.45	Pass
			24	23.49	-11.23	10.11	<=38.45	Pass
		12	0	20.99	-11.23	7.61	<=38.45	Pass
			6	20.91	-11.23	7.53	<=38.45	Pass
			13	21.00	-11.23	7.62	<=38.45	Pass
		25	0	21.01	-11.23	7.63	<=38.45	Pass
	816.5	1	0	22.26	-11.23	8.88	<=38.45	Pass
			13	22.82	-11.23	9.44	<=38.45	Pass
			24	22.74	-11.23	9.36	<=38.45	Pass
		12	0	21.12	-11.23	7.74	<=38.45	Pass
			6	21.14	-11.23	7.76	<=38.45	Pass
			13	21.11	-11.23	7.73	<=38.45	Pass
		25	0	21.11	-11.23	7.73	<=38.45	Pass
		1	0	22.83	-11.23	9.45	<=38.45	Pass
			13	22.12	-11.23	8.74	<=38.45	Pass
			24	22.95	-11.23	9.57	<=38.45	Pass
		12	0	21.07	-11.23	7.69	<=38.45	Pass
			6	21.13	-11.23	7.75	<=38.45	Pass
			13	21.10	-11.23	7.72	<=38.45	Pass
		25	0	21.21	-11.23	7.83	<=38.45	Pass
		1	0	23.02	-11.23	9.64	<=38.45	Pass
			13	22.79	-11.23	9.41	<=38.45	Pass
			24	22.17	-11.23	8.79	<=38.45	Pass
	821.5	12	0	20.97	-11.23	7.59	<=38.45	Pass
			6	21.05	-11.23	7.67	<=38.45	Pass
			13	21.05	-11.23	7.67	<=38.45	Pass
		25	0	21.04	-11.23	7.66	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B26a_10MHz_ERP

Band: 26a / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	23.43	-11.23	10.05	<=38.45	Pass
			25	23.37	-11.23	9.99	<=38.45	Pass
			49	23.41	-11.23	10.03	<=38.45	Pass
		25	0	21.58	-11.23	8.20	<=38.45	Pass
			13	21.41	-11.23	8.03	<=38.45	Pass
			25	21.48	-11.23	8.10	<=38.45	Pass
		50	0	21.53	-11.23	8.15	<=38.45	Pass
16QAM	819	1	0	23.51	-11.23	10.13	<=38.45	Pass
			25	23.87	-11.23	10.49	<=38.45	Pass
			49	22.76	-11.23	9.38	<=38.45	Pass
		25	0	21.59	-11.23	8.21	<=38.45	Pass
			13	21.63	-11.23	8.25	<=38.45	Pass
			25	21.71	-11.23	8.33	<=38.45	Pass
		50	0	21.58	-11.23	8.20	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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	24.018	0.0295	-2.5 to 2.5	Pass
					3.85	36.807	0.0452	-2.5 to 2.5	Pass
					4.43	42.057	0.0516	-2.5 to 2.5	Pass
				-30	3.85	43.902	0.0539	-2.5 to 2.5	Pass
				-20	3.85	45.161	0.0554	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0017	-2.5 to 2.5	Pass
				10	3.85	4.277	0.0052	-2.5 to 2.5	Pass
				30	3.85	5.808	0.0071	-2.5 to 2.5	Pass
				40	3.85	6.523	0.0080	-2.5 to 2.5	Pass
				50	3.85	8.626	0.0106	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-7.396	-0.0090	-2.5 to 2.5	Pass
					3.85	-11.745	-0.0143	-2.5 to 2.5	Pass
					4.43	-23.189	-0.0283	-2.5 to 2.5	Pass
				-30	3.85	-36.135	-0.0441	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-13.504	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-24.819	-0.0303	-2.5 to 2.5	Pass
				10	3.85	-34.432	-0.0420	-2.5 to 2.5	Pass
				30	3.85	-41.270	-0.0504	-2.5 to 2.5	Pass
				40	3.85	-5.193	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-12.374	-0.0151	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-1.717	-0.0021	-2.5 to 2.5	Pass
					3.85	-10.629	-0.0129	-2.5 to 2.5	Pass
					4.43	-31.185	-0.0379	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-33.360	-0.0405	-2.5 to 2.5	Pass
				-10	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-20.056	-0.0244	-2.5 to 2.5	Pass
				10	3.85	-35.863	-0.0436	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-16.408	-0.0199	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	1.388	0.0017	-2.5 to 2.5	Pass
					3.85	9.971	0.0122	-2.5 to 2.5	Pass
					4.43	13.447	0.0165	-2.5 to 2.5	Pass
				-30	3.85	16.365	0.0201	-2.5 to 2.5	Pass
				-20	3.85	18.897	0.0232	-2.5 to 2.5	Pass
				-10	3.85	20.685	0.0254	-2.5 to 2.5	Pass
				0	3.85	23.589	0.0290	-2.5 to 2.5	Pass
				10	3.85	25.349	0.0311	-2.5 to 2.5	Pass
				30	3.85	27.895	0.0342	-2.5 to 2.5	Pass
				40	3.85	30.069	0.0369	-2.5 to 2.5	Pass
				50	3.85	31.328	0.0385	-2.5 to 2.5	Pass
	819	6	0	20	3.27	12.145	0.0148	-2.5 to 2.5	Pass

					3.85	17.796	0.0217	-2.5 to 2.5	Pass
					4.43	14.548	0.0178	-2.5 to 2.5	Pass
				-30	3.85	7.839	0.0096	-2.5 to 2.5	Pass
				-20	3.85	3.204	0.0039	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-17.209	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-19.412	-0.0237	-2.5 to 2.5	Pass
				40	3.85	-21.558	-0.0263	-2.5 to 2.5	Pass
				50	3.85	-21.901	-0.0267	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-5.493	-0.0067	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-11.659	-0.0142	-2.5 to 2.5	Pass
				-20	3.85	-15.965	-0.0194	-2.5 to 2.5	Pass
				-10	3.85	-19.727	-0.0240	-2.5 to 2.5	Pass
				0	3.85	-24.161	-0.0293	-2.5 to 2.5	Pass
				10	3.85	-29.054	-0.0353	-2.5 to 2.5	Pass
				30	3.85	-33.317	-0.0405	-2.5 to 2.5	Pass
				40	3.85	-36.707	-0.0446	-2.5 to 2.5	Pass
				50	3.85	-38.853	-0.0472	-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	21.887	0.0268	-2.5 to 2.5	Pass
					3.85	35.634	0.0437	-2.5 to 2.5	Pass
					4.43	33.889	0.0416	-2.5 to 2.5	Pass
				-30	3.85	29.626	0.0363	-2.5 to 2.5	Pass
				-20	3.85	24.734	0.0303	-2.5 to 2.5	Pass
				-10	3.85	19.712	0.0242	-2.5 to 2.5	Pass
				0	3.85	14.963	0.0183	-2.5 to 2.5	Pass
				10	3.85	10.786	0.0132	-2.5 to 2.5	Pass
				30	3.85	4.864	0.0060	-2.5 to 2.5	Pass
				40	3.85	1.488	0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.661	-0.0033	-2.5 to 2.5	Pass
	819	15	0	20	3.27	1.860	0.0023	-2.5 to 2.5	Pass
					3.85	10.929	0.0133	-2.5 to 2.5	Pass
					4.43	11.773	0.0144	-2.5 to 2.5	Pass
				-30	3.85	12.732	0.0155	-2.5 to 2.5	Pass
				-20	3.85	12.231	0.0149	-2.5 to 2.5	Pass
				-10	3.85	12.689	0.0155	-2.5 to 2.5	Pass
				0	3.85	12.875	0.0157	-2.5 to 2.5	Pass
				10	3.85	10.443	0.0128	-2.5 to 2.5	Pass
				30	3.85	9.341	0.0114	-2.5 to 2.5	Pass
				40	3.85	10.686	0.0130	-2.5 to 2.5	Pass
				50	3.85	10.228	0.0125	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	3.591	0.0044	-2.5 to 2.5	Pass
					3.85	8.168	0.0099	-2.5 to 2.5	Pass
					4.43	4.191	0.0051	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.920	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-8.254	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-13.747	-0.0167	-2.5 to 2.5	Pass
				10	3.85	-14.992	-0.0182	-2.5 to 2.5	Pass
				30	3.85	-16.837	-0.0205	-2.5 to 2.5	Pass

16QAM	815.5	15	0	40	3.85	-19.627	-0.0239	-2.5 to 2.5	Pass
				50	3.85	-23.217	-0.0282	-2.5 to 2.5	Pass
				20	3.27	-0.973	-0.0012	-2.5 to 2.5	Pass
					3.85	8.869	0.0109	-2.5 to 2.5	Pass
					4.43	9.584	0.0118	-2.5 to 2.5	Pass
				-30	3.85	7.639	0.0094	-2.5 to 2.5	Pass
				-20	3.85	5.937	0.0073	-2.5 to 2.5	Pass
				-10	3.85	4.349	0.0053	-2.5 to 2.5	Pass
				0	3.85	3.018	0.0037	-2.5 to 2.5	Pass
				10	3.85	1.988	0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0047	-2.5 to 2.5	Pass
	819	15	0	50	3.85	-5.622	-0.0069	-2.5 to 2.5	Pass
				20	3.27	-0.143	-0.0002	-2.5 to 2.5	Pass
					3.85	5.851	0.0071	-2.5 to 2.5	Pass
					4.43	7.324	0.0089	-2.5 to 2.5	Pass
				-30	3.85	5.407	0.0066	-2.5 to 2.5	Pass
				-20	3.85	2.089	0.0026	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-5.422	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-5.221	-0.0064	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	2.031	0.0025	-2.5 to 2.5	Pass
					3.85	9.899	0.0120	-2.5 to 2.5	Pass
					4.43	11.845	0.0144	-2.5 to 2.5	Pass
				-30	3.85	11.930	0.0145	-2.5 to 2.5	Pass
				-20	3.85	9.971	0.0121	-2.5 to 2.5	Pass
				-10	3.85	8.140	0.0099	-2.5 to 2.5	Pass
				0	3.85	5.522	0.0067	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.831	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.247	-0.0039	-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	-18.139	-0.0222	-2.5 to 2.5	Pass
					3.85	-23.274	-0.0285	-2.5 to 2.5	Pass
					4.43	-36.278	-0.0444	-2.5 to 2.5	Pass
				-30	3.85	-41.757	-0.0511	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-36.464	-0.0447	-2.5 to 2.5	Pass
				0	3.85	-35.076	-0.0430	-2.5 to 2.5	Pass
				10	3.85	-17.123	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-30.284	-0.0371	-2.5 to 2.5	Pass
				40	3.85	-32.830	-0.0402	-2.5 to 2.5	Pass
				50	3.85	-5.536	-0.0068	-2.5 to 2.5	Pass
	819	25	0	20	3.27	6.552	0.0080	-2.5 to 2.5	Pass
					3.85	12.317	0.0150	-2.5 to 2.5	Pass
					4.43	12.560	0.0153	-2.5 to 2.5	Pass
				-30	3.85	12.145	0.0148	-2.5 to 2.5	Pass
				-20	3.85	8.683	0.0106	-2.5 to 2.5	Pass
				-10	3.85	6.766	0.0083	-2.5 to 2.5	Pass

				0	3.85	6.037	0.0074	-2.5 to 2.5	Pass
				10	3.85	7.224	0.0088	-2.5 to 2.5	Pass
				30	3.85	6.566	0.0080	-2.5 to 2.5	Pass
				40	3.85	4.964	0.0061	-2.5 to 2.5	Pass
				50	3.85	4.377	0.0053	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	6.680	0.0081	-2.5 to 2.5	Pass
					3.85	12.531	0.0153	-2.5 to 2.5	Pass
					4.43	11.487	0.0140	-2.5 to 2.5	Pass
				-30	3.85	8.469	0.0103	-2.5 to 2.5	Pass
				-20	3.85	3.934	0.0048	-2.5 to 2.5	Pass
				-10	3.85	1.974	0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-3.204	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.704	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
	816.5	25	0	20	3.27	1.774	0.0022	-2.5 to 2.5	Pass
					3.85	7.210	0.0088	-2.5 to 2.5	Pass
					4.43	5.836	0.0071	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.678	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-9.456	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-12.302	-0.0151	-2.5 to 2.5	Pass
				10	3.85	-17.123	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-20.728	-0.0254	-2.5 to 2.5	Pass
				40	3.85	-24.261	-0.0297	-2.5 to 2.5	Pass
				50	3.85	-28.138	-0.0345	-2.5 to 2.5	Pass
16QAM	819	25	0	20	3.27	9.313	0.0114	-2.5 to 2.5	Pass
					3.85	15.221	0.0186	-2.5 to 2.5	Pass
					4.43	15.950	0.0195	-2.5 to 2.5	Pass
				-30	3.85	16.022	0.0196	-2.5 to 2.5	Pass
				-20	3.85	14.920	0.0182	-2.5 to 2.5	Pass
				-10	3.85	11.959	0.0146	-2.5 to 2.5	Pass
				0	3.85	10.529	0.0129	-2.5 to 2.5	Pass
				10	3.85	11.072	0.0135	-2.5 to 2.5	Pass
				30	3.85	9.542	0.0117	-2.5 to 2.5	Pass
				40	3.85	8.540	0.0104	-2.5 to 2.5	Pass
				50	3.85	8.011	0.0098	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-1.330	-0.0016	-2.5 to 2.5	Pass
					3.85	7.539	0.0092	-2.5 to 2.5	Pass
					4.43	7.410	0.0090	-2.5 to 2.5	Pass
				-30	3.85	6.924	0.0084	-2.5 to 2.5	Pass
				-20	3.85	5.693	0.0069	-2.5 to 2.5	Pass
				-10	3.85	2.947	0.0036	-2.5 to 2.5	Pass
				0	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-5.736	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-6.952	-0.0085	-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	6.852	0.0084	-2.5 to 2.5	Pass
					3.85	16.465	0.0201	-2.5 to 2.5	Pass
					4.43	16.737	0.0204	-2.5 to 2.5	Pass

16QAM	819	50	0	-30	3.85	15.750	0.0192	-2.5 to 2.5	Pass
				-20	3.85	14.663	0.0179	-2.5 to 2.5	Pass
				-10	3.85	10.414	0.0127	-2.5 to 2.5	Pass
				0	3.85	7.396	0.0090	-2.5 to 2.5	Pass
				10	3.85	4.921	0.0060	-2.5 to 2.5	Pass
				30	3.85	3.304	0.0040	-2.5 to 2.5	Pass
				40	3.85	2.589	0.0032	-2.5 to 2.5	Pass
				50	3.85	1.330	0.0016	-2.5 to 2.5	Pass
				20	3.27	10.128	0.0124	-2.5 to 2.5	Pass
					3.85	17.123	0.0209	-2.5 to 2.5	Pass
					4.43	14.520	0.0177	-2.5 to 2.5	Pass
				-30	3.85	10.571	0.0129	-2.5 to 2.5	Pass
				-20	3.85	7.296	0.0089	-2.5 to 2.5	Pass
				-10	3.85	2.975	0.0036	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.574	0.0019	-2.5 to 2.5	Pass
				30	3.85	2.804	0.0034	-2.5 to 2.5	Pass
				40	3.85	4.292	0.0052	-2.5 to 2.5	Pass
				50	3.85	4.048	0.0049	-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

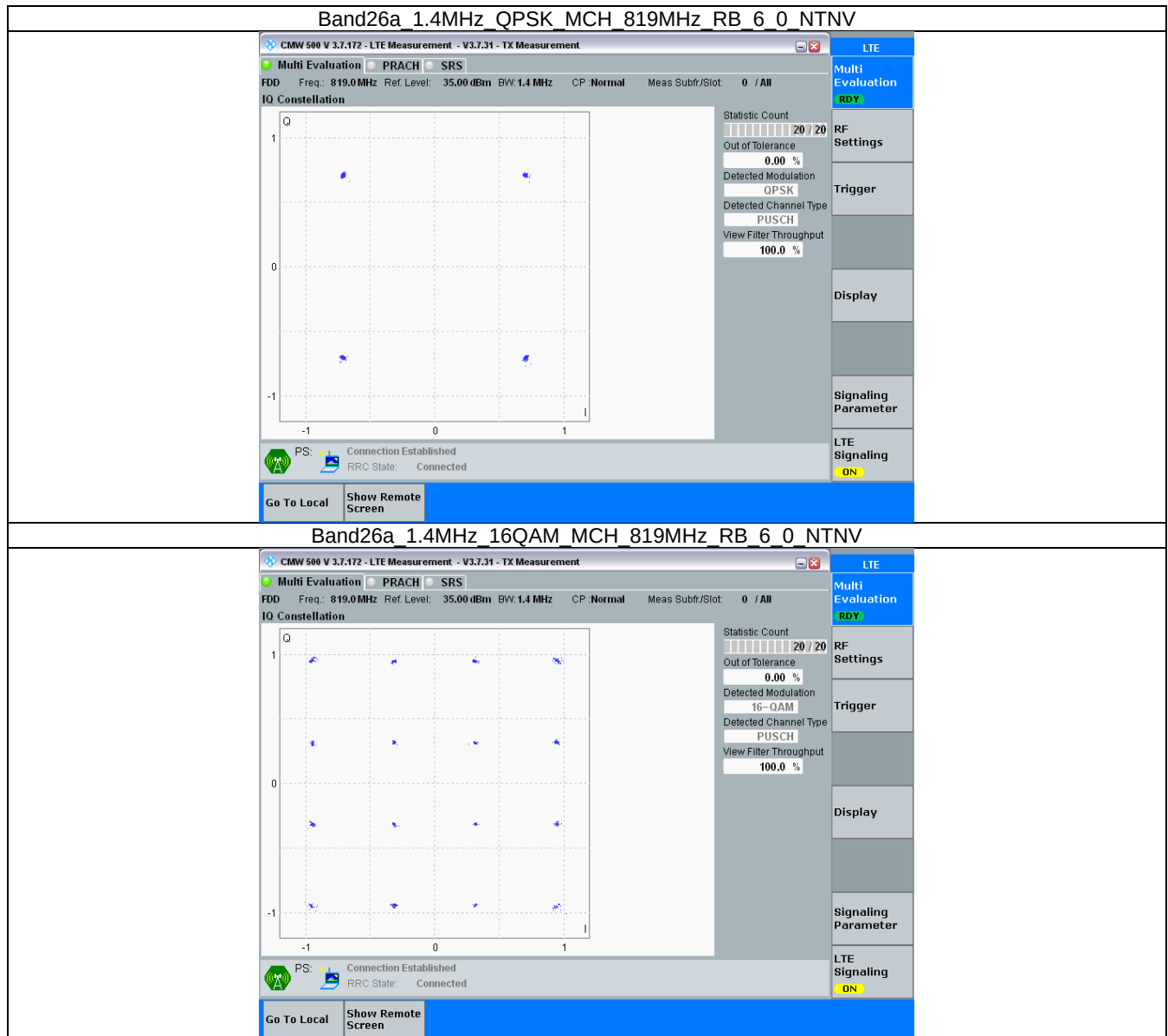
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	



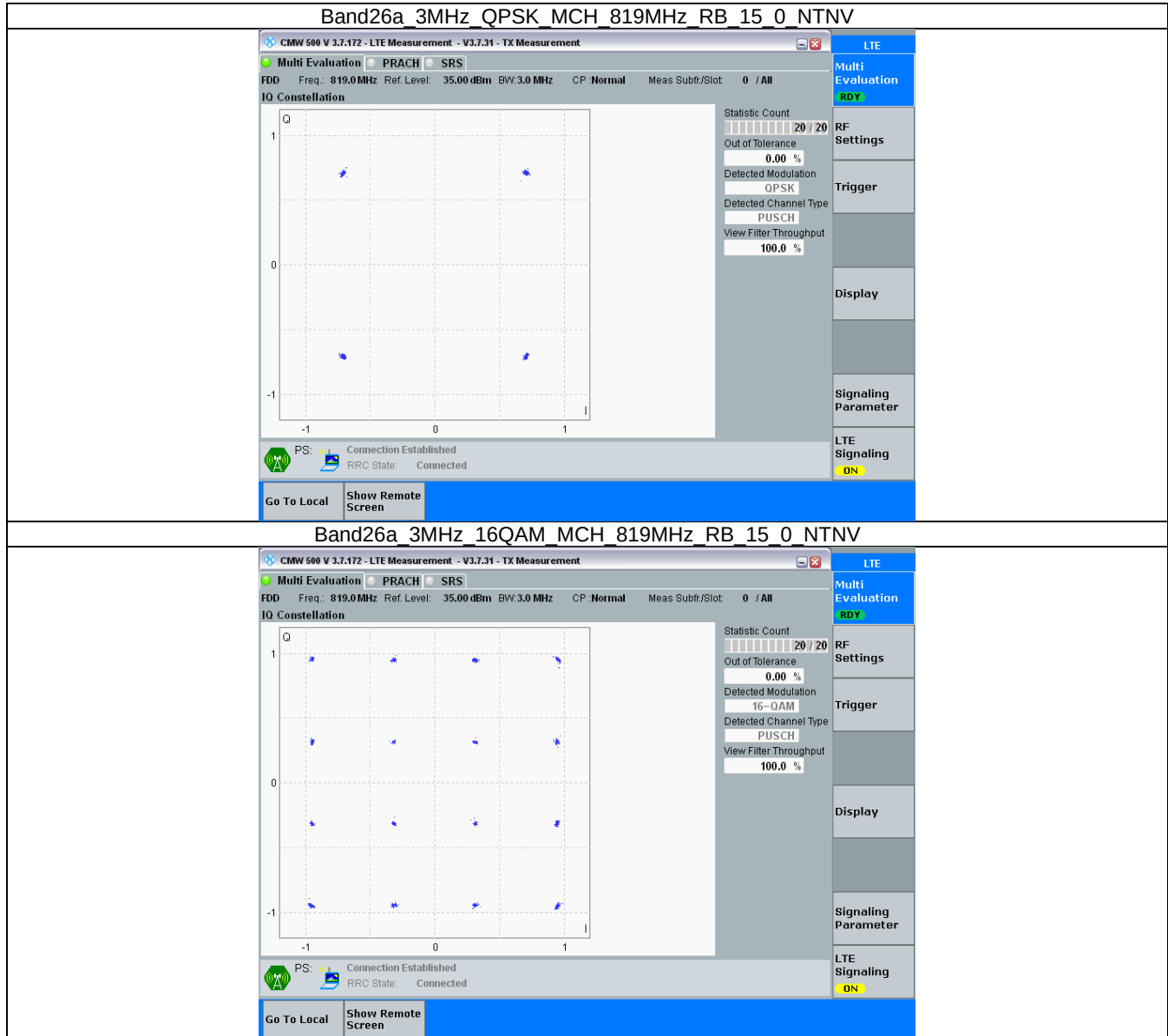
QPSK	819	50	0	Refer To Test Graph	Pass
16QAM	819	50	0	Refer To Test Graph	Pass

3.2 Test Graph

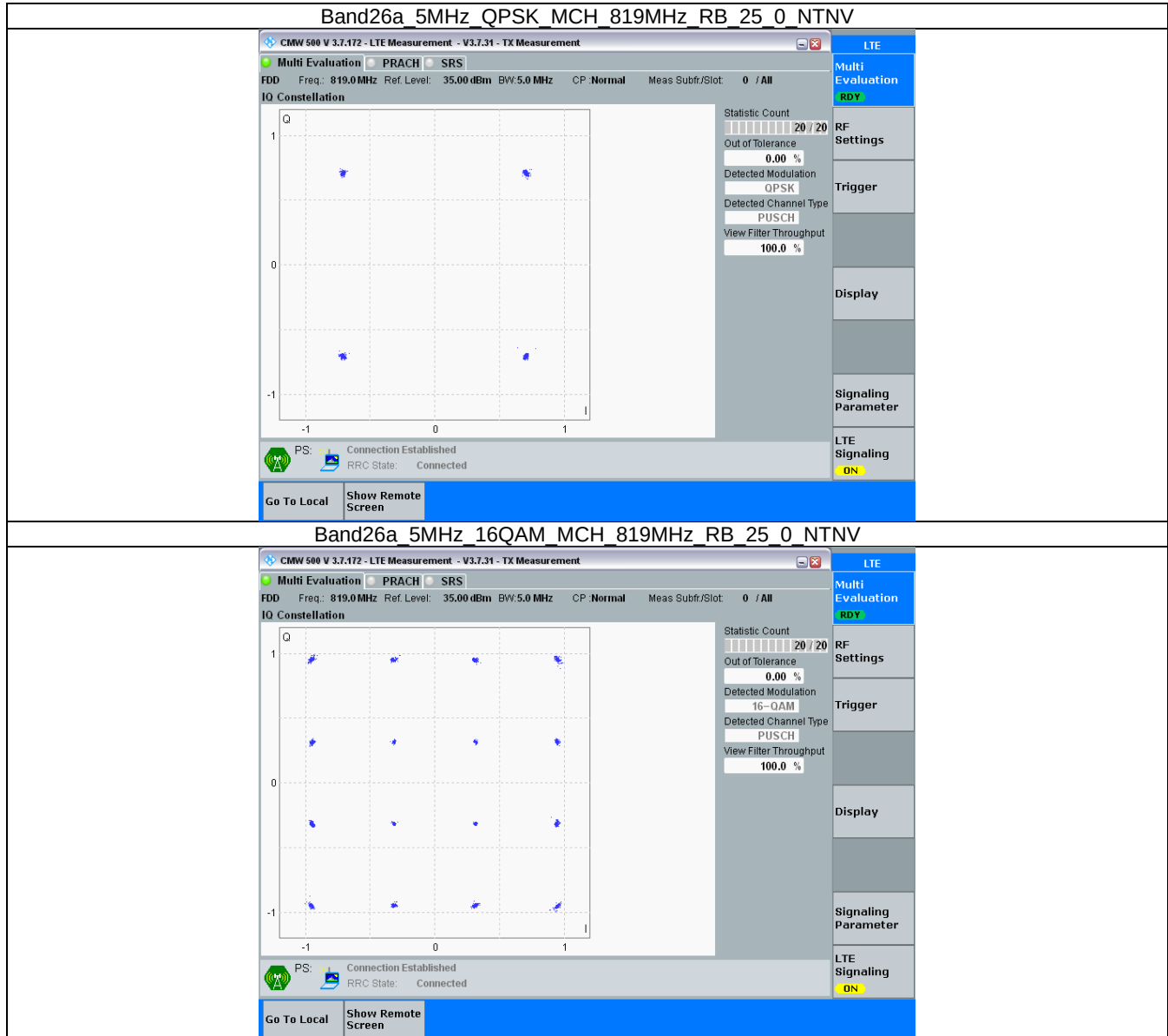
3.2.1 B26a_1.4MHz



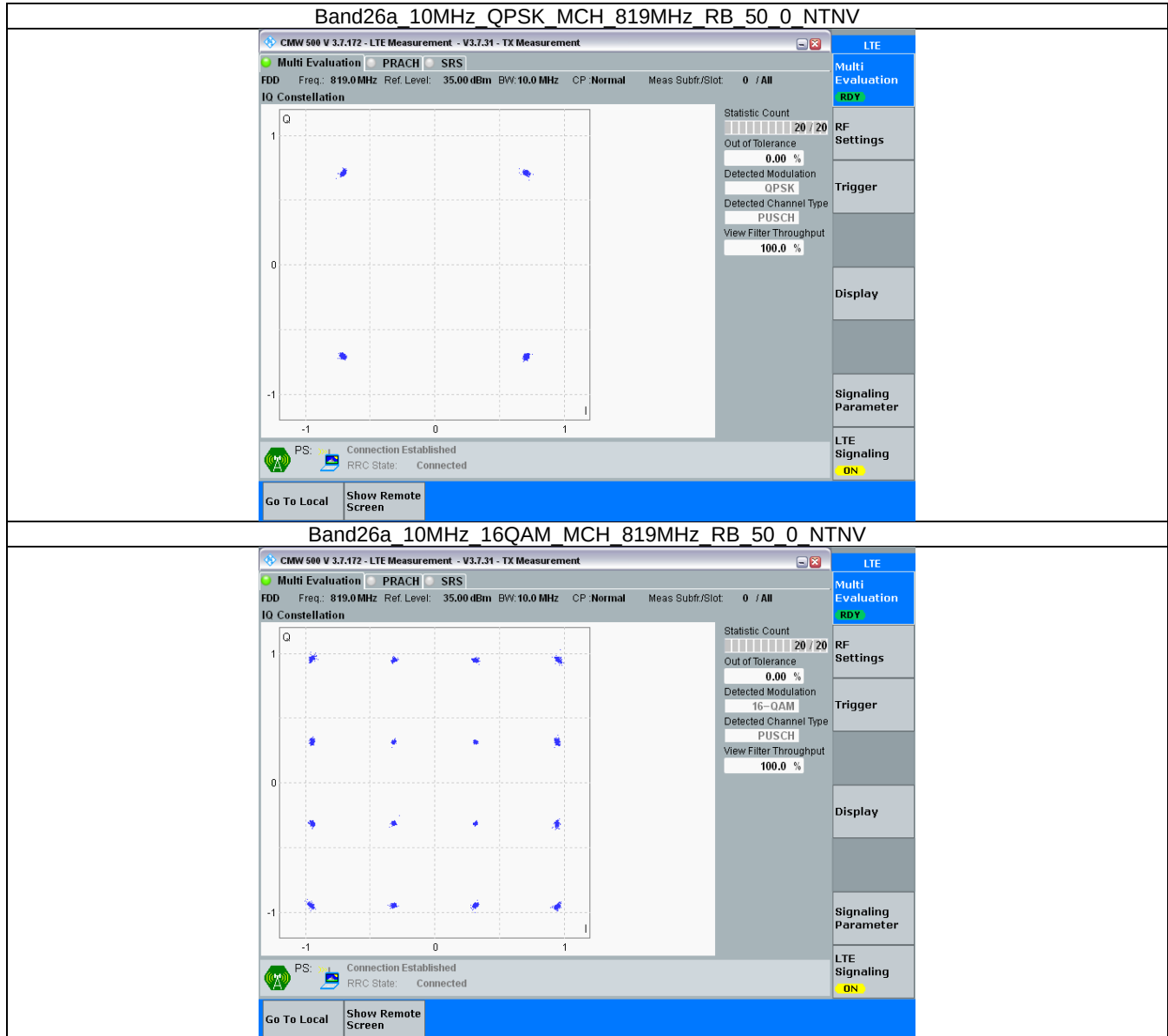
3.2.2 B26a_3MHz



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	1.108	/	Pass
		819	6	0	1.101	/	Pass
		823.3	6	0	1.104	/	Pass
	16QAM	814.7	6	0	1.119	/	Pass
		819	6	0	1.121	/	Pass
		823.3	6	0	1.102	/	Pass
3	QPSK	815.5	15	0	2.748	/	Pass
		819	15	0	2.745	/	Pass
		822.5	15	0	2.766	/	Pass
	16QAM	815.5	15	0	2.742	/	Pass
		819	15	0	2.769	/	Pass
		822.5	15	0	2.760	/	Pass
5	QPSK	816.5	25	0	4.553	/	Pass
		819	25	0	4.549	/	Pass
		821.5	25	0	4.548	/	Pass
	16QAM	816.5	25	0	4.585	/	Pass
		819	25	0	4.542	/	Pass
		821.5	25	0	4.542	/	Pass
10	QPSK	819	50	0	9.053	/	Pass
	16QAM	819	50	0	9.050	/	Pass

4.1.2 Band26a_XDB

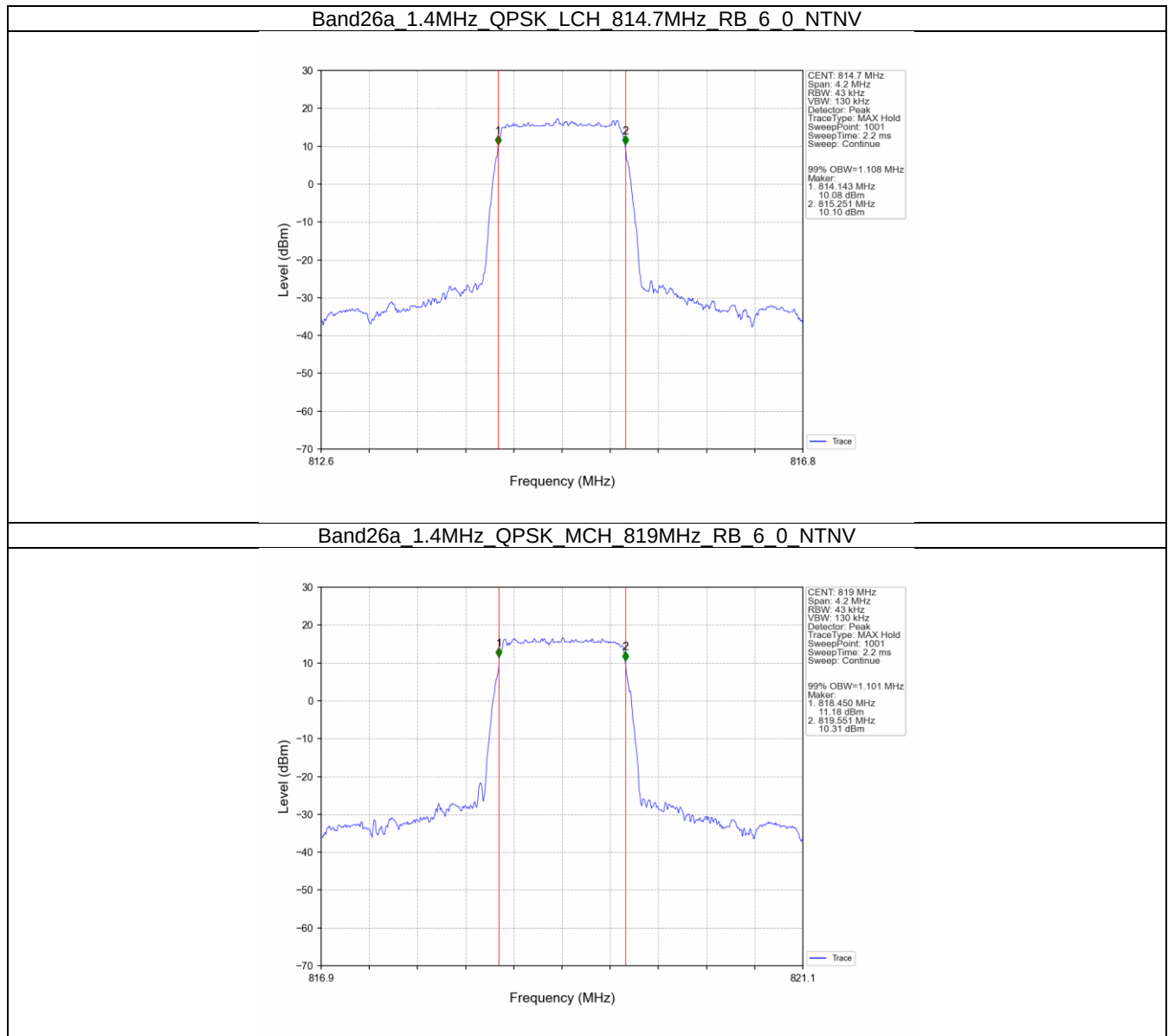
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.271	/	Pass
		819	6	0	1.269	/	Pass
		823.3	6	0	1.270	/	Pass
	16QAM	814.7	6	0	1.275	/	Pass
		819	6	0	1.275	/	Pass
		823.3	6	0	1.264	/	Pass
3	QPSK	815.5	15	0	3.093	/	Pass
		819	15	0	3.101	/	Pass
		822.5	15	0	3.103	/	Pass
	16QAM	815.5	15	0	3.076	/	Pass
		819	15	0	3.090	/	Pass
		822.5	15	0	3.112	/	Pass
5	QPSK	816.5	25	0	5.056	/	Pass
		819	25	0	5.080	/	Pass
		821.5	25	0	5.072	/	Pass
	16QAM	816.5	25	0	5.104	/	Pass
		819	25	0	5.038	/	Pass
		821.5	25	0	5.042	/	Pass
10	QPSK	819	50	0	9.971	/	Pass



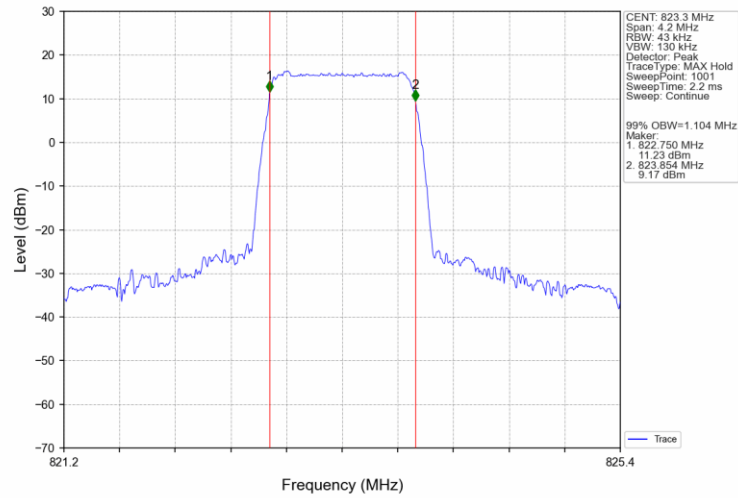
	16QAM	819	50	0	10.026	/	Pass
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4.2 Test Graph

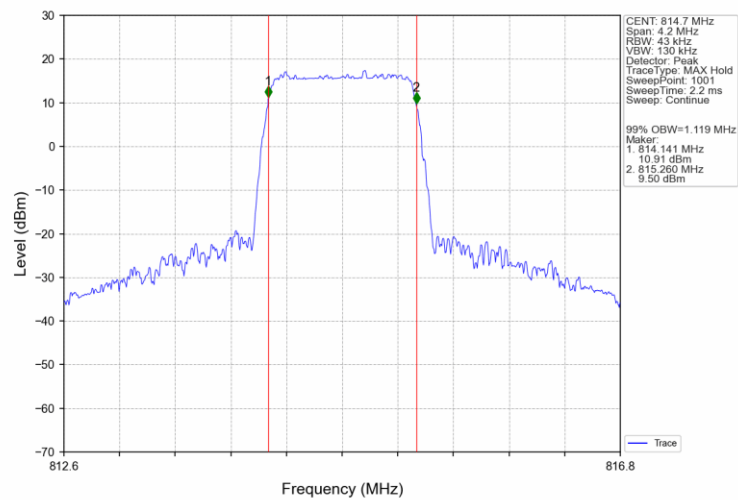
4.2.1 Band26a_OBW



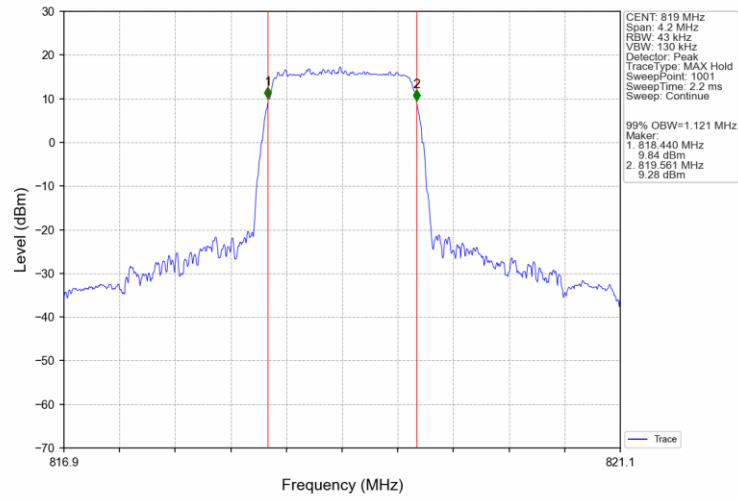
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



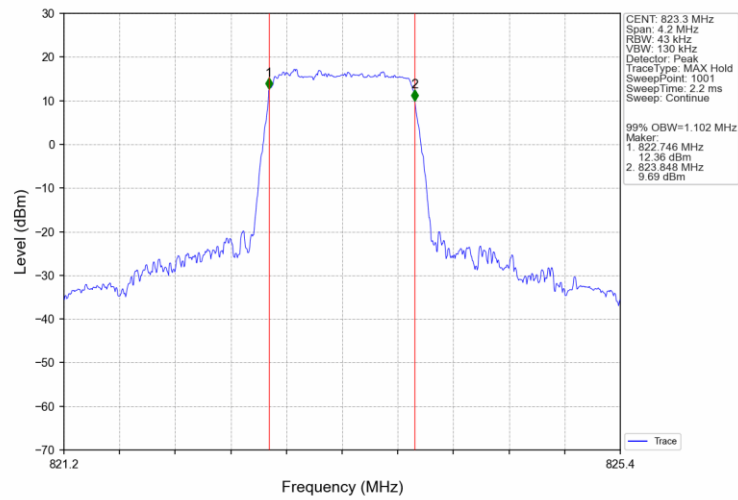
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



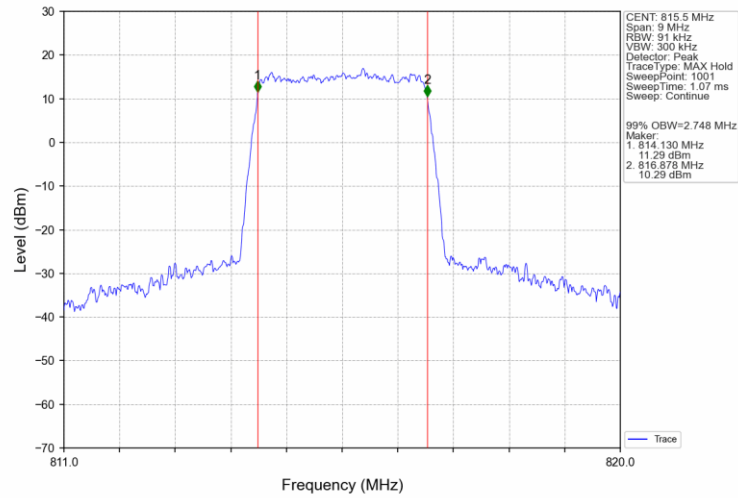
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTN



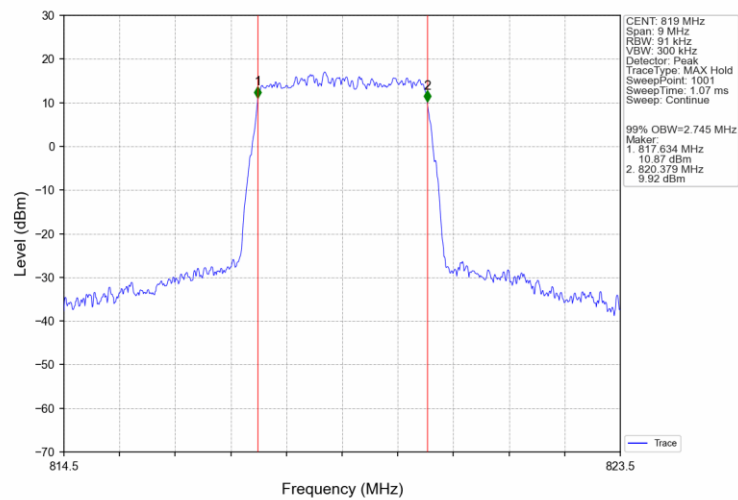
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTN



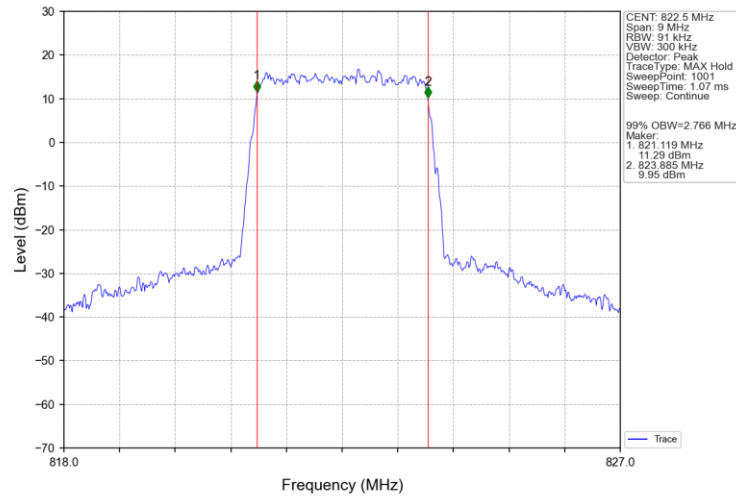
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



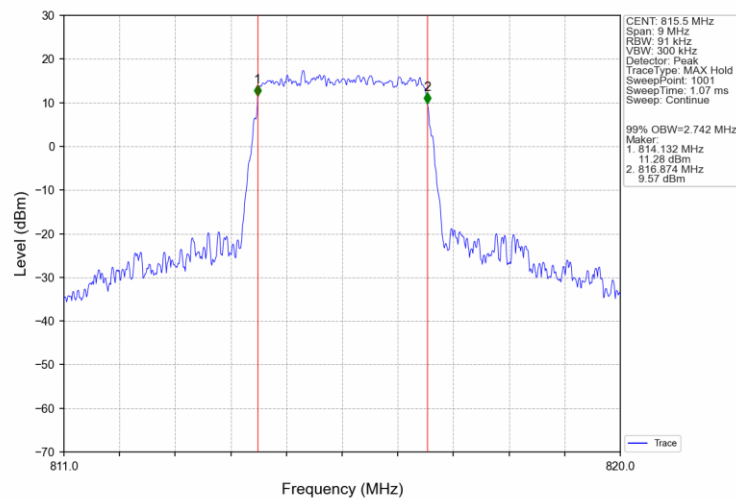
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



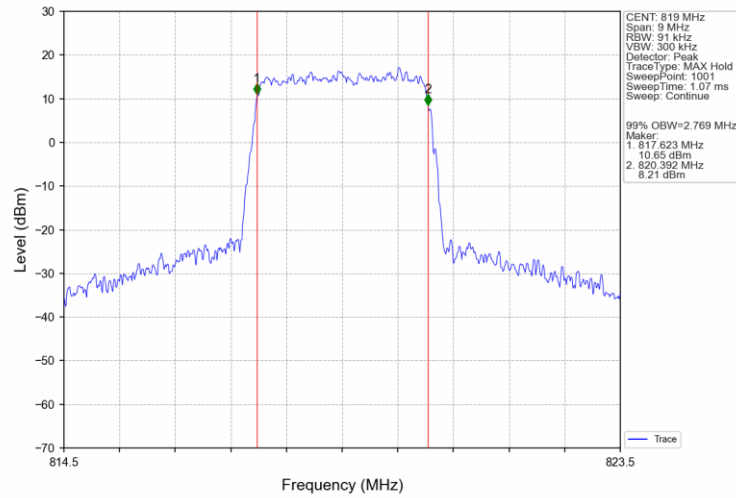
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



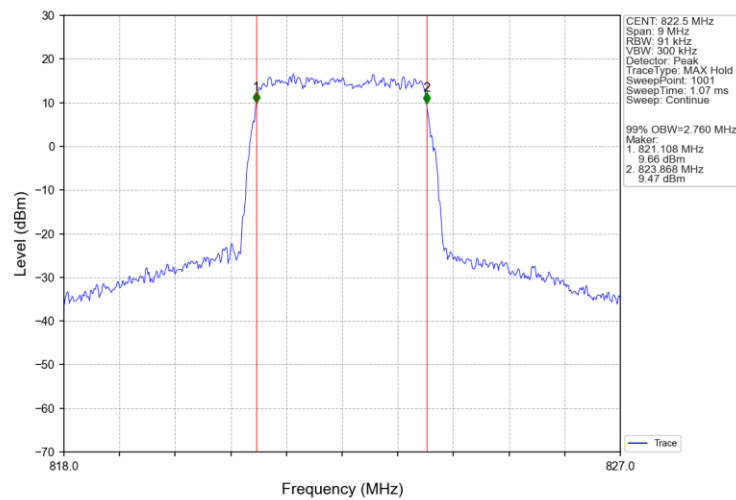
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



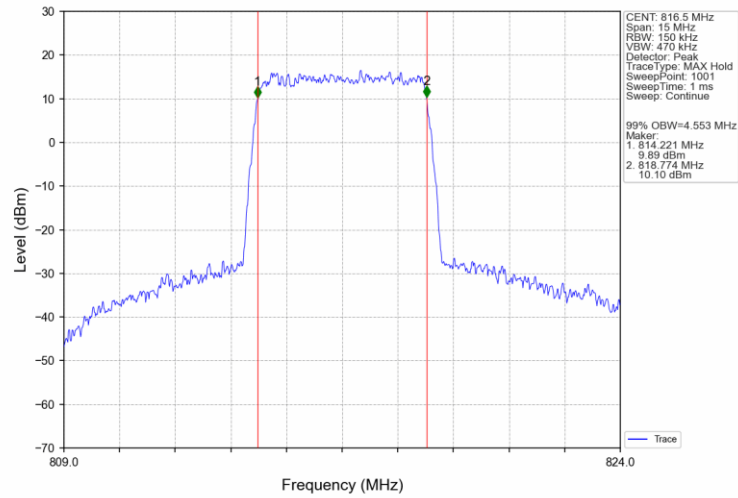
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



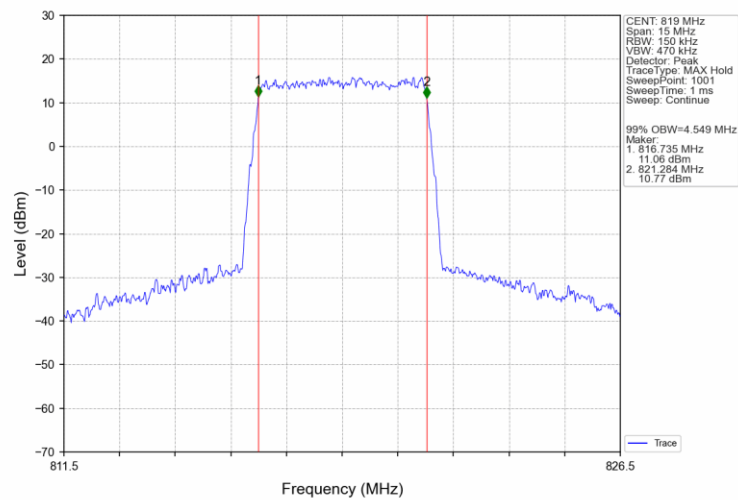
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



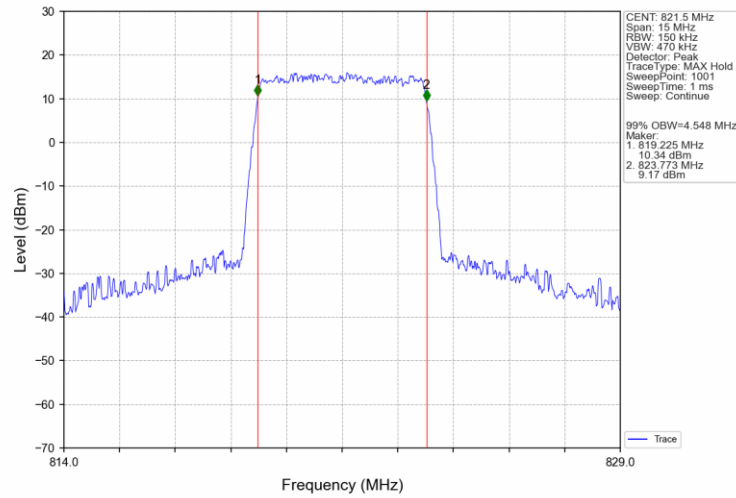
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



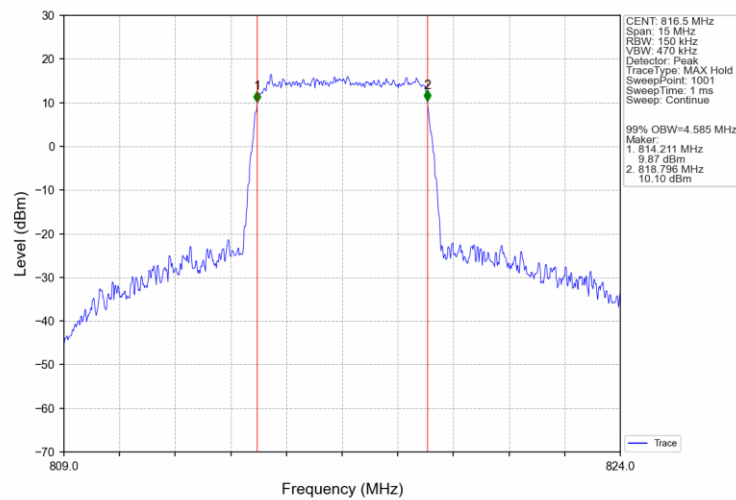
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



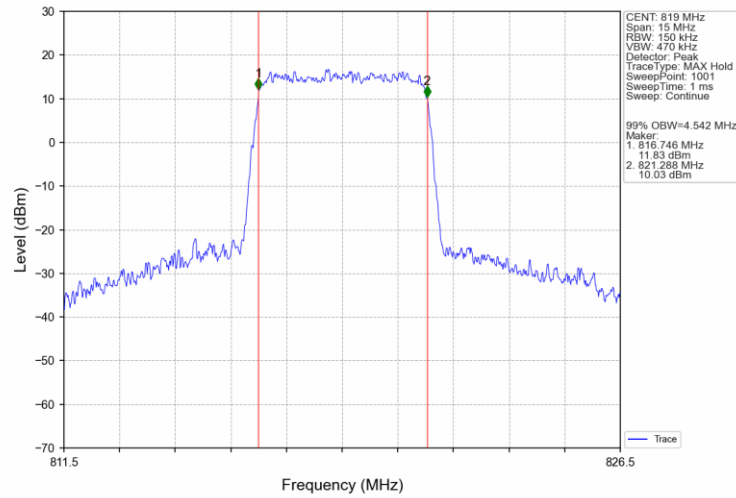
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



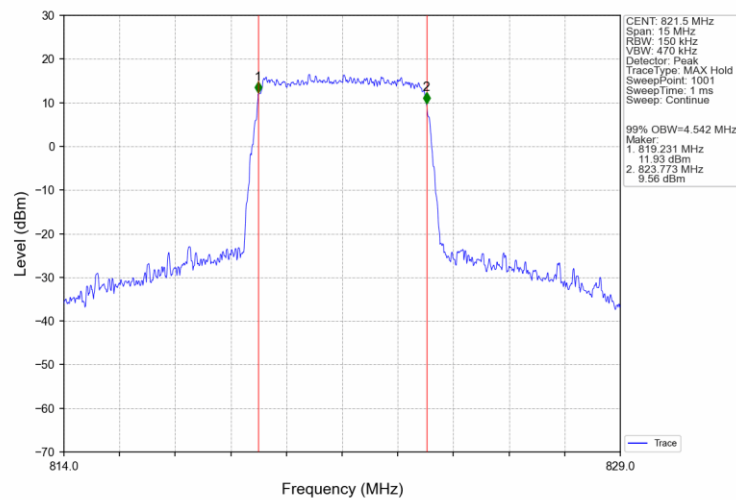
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



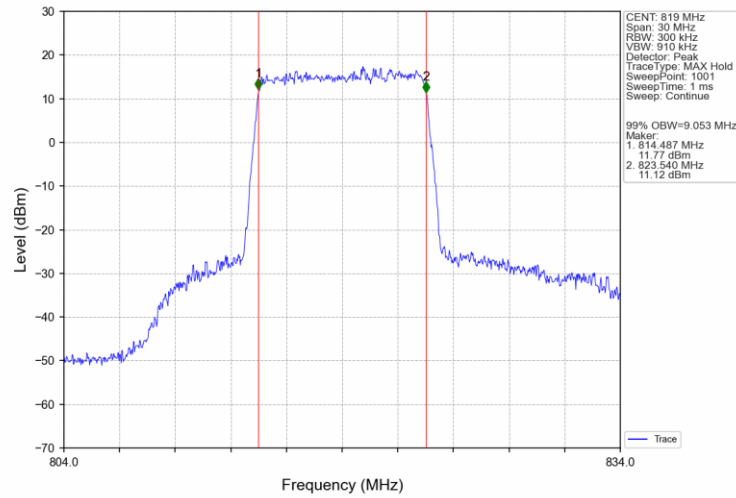
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



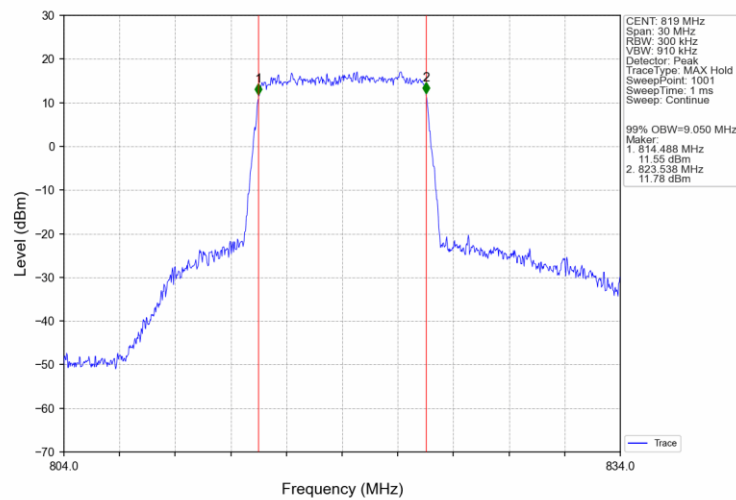
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



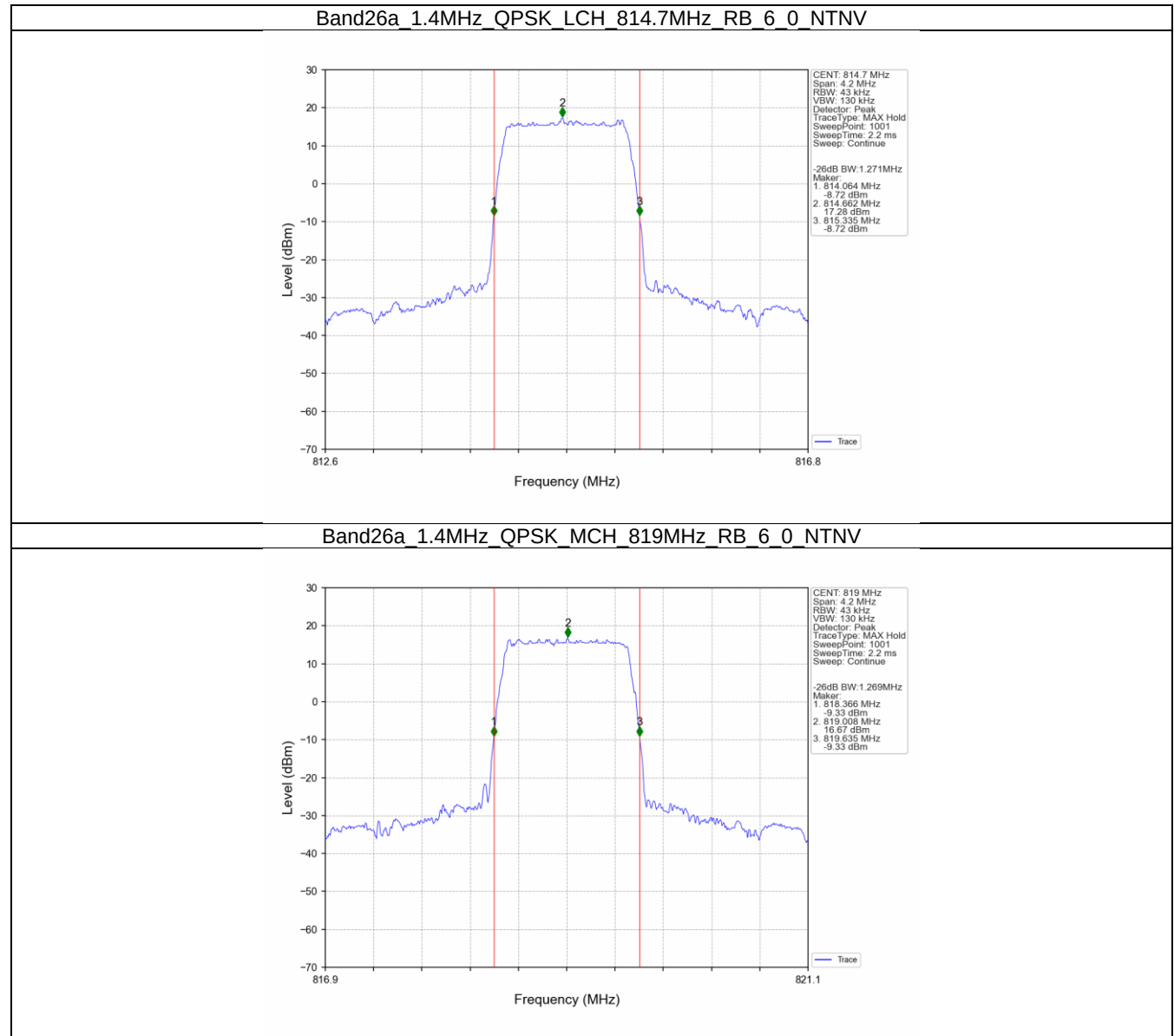
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



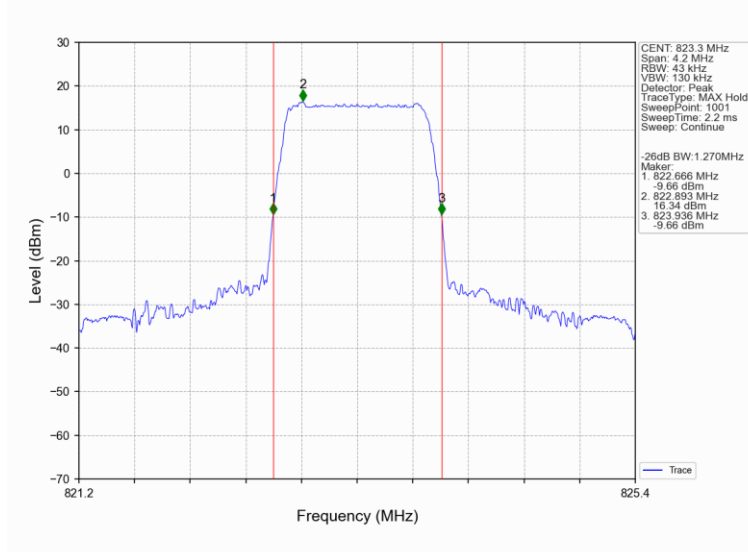
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



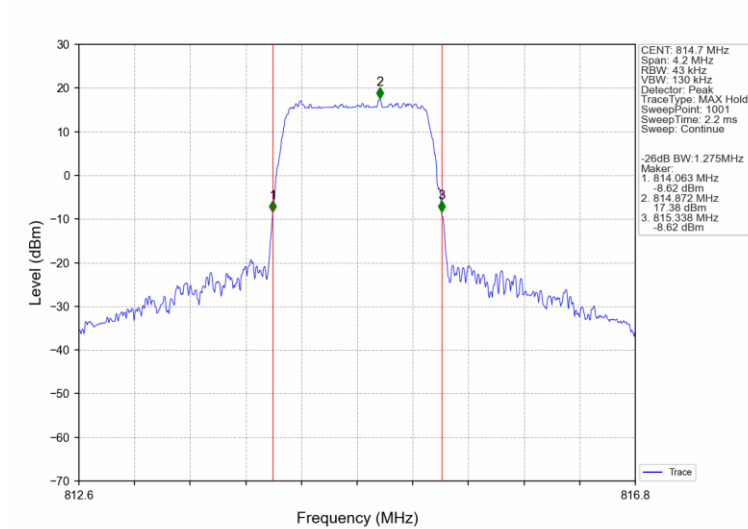
4.2.2 Band26a_XDB



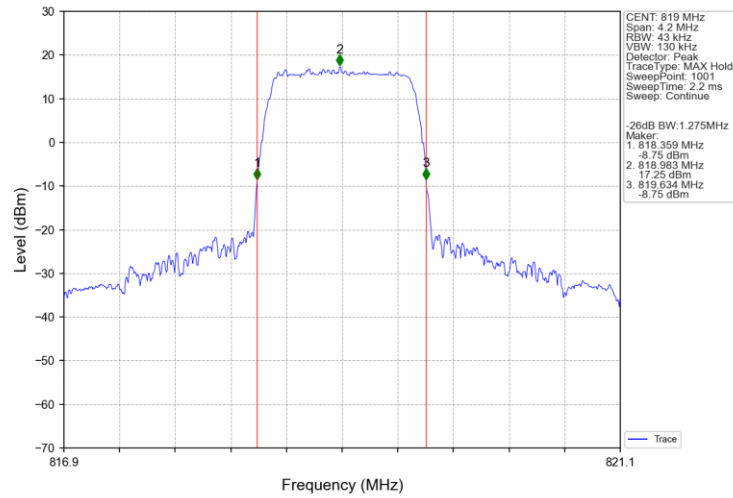
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



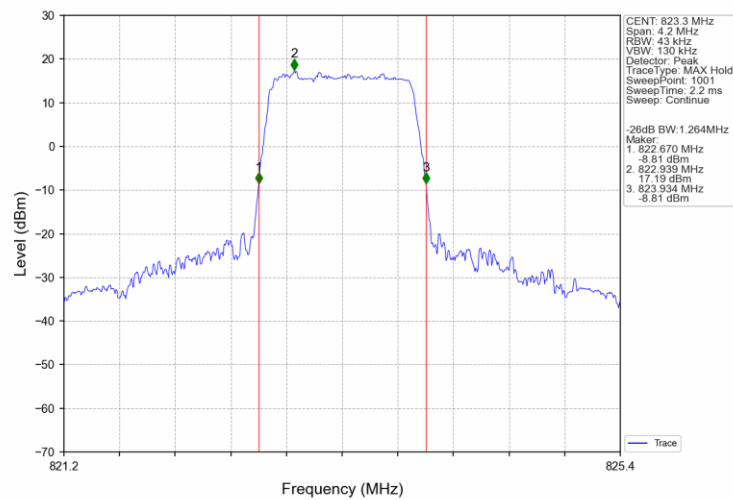
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



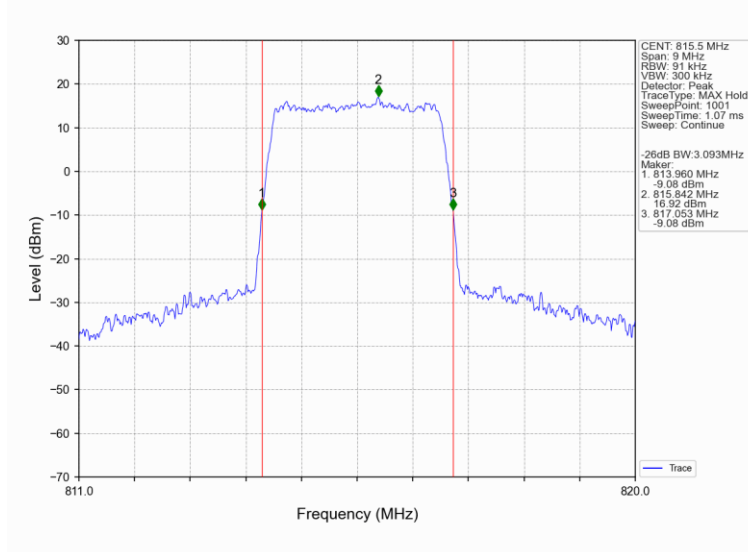
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTN



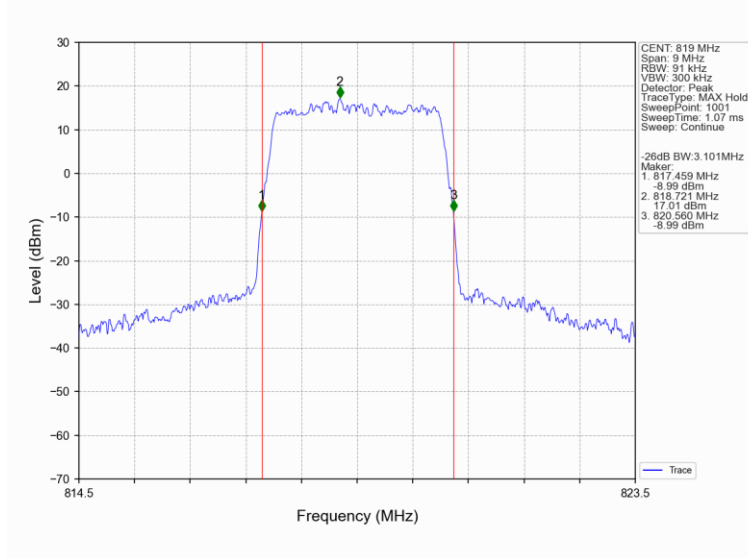
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTN



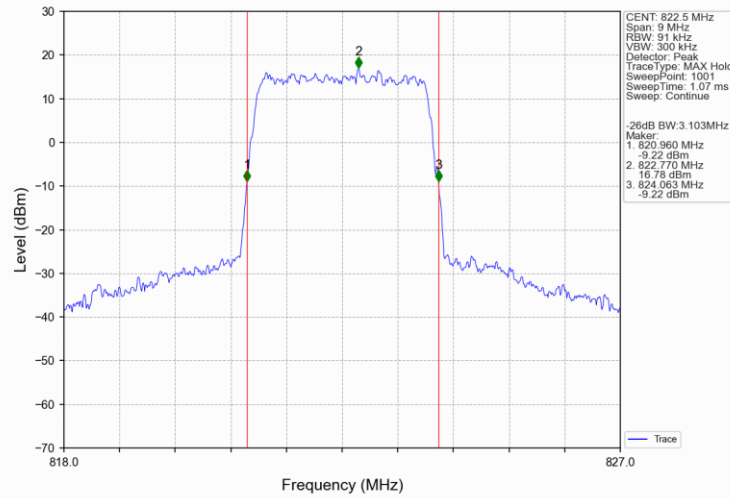
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



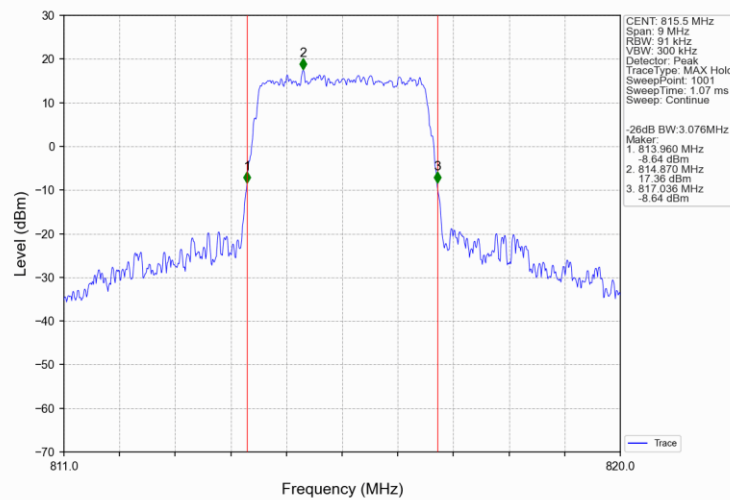
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



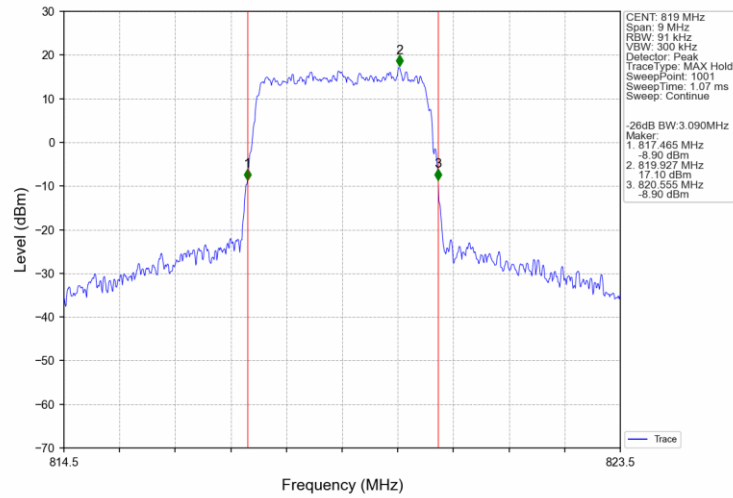
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



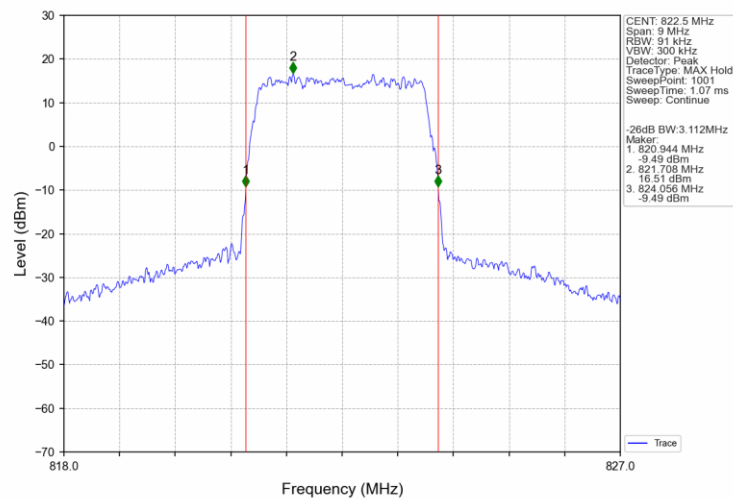
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



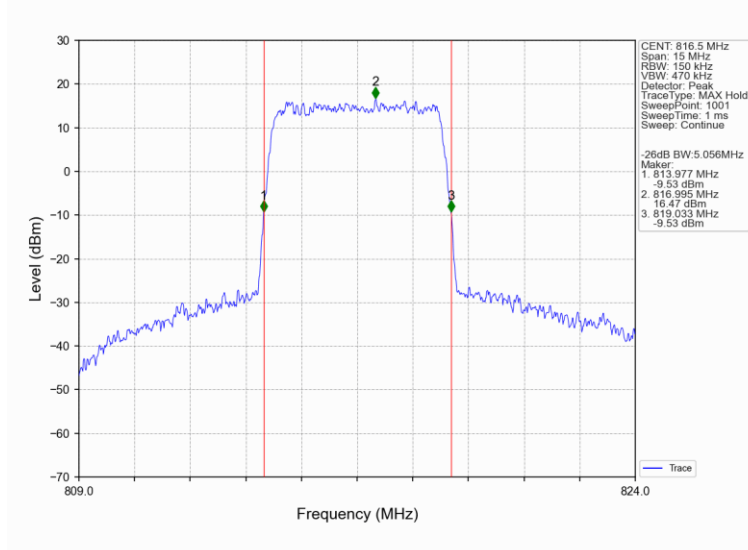
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



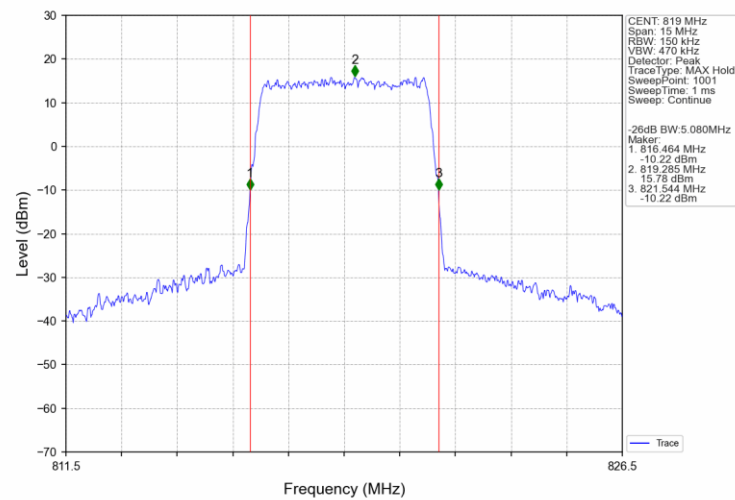
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



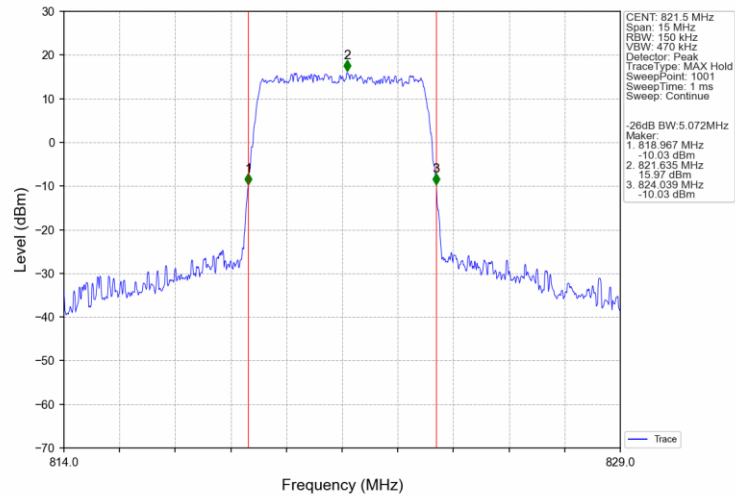
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



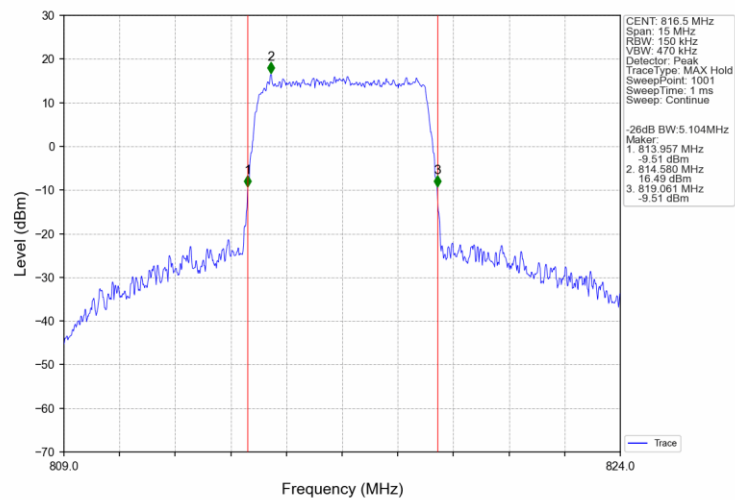
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



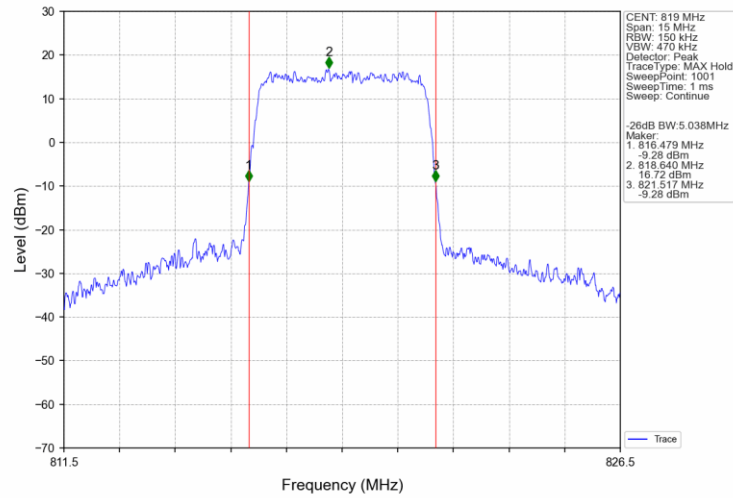
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



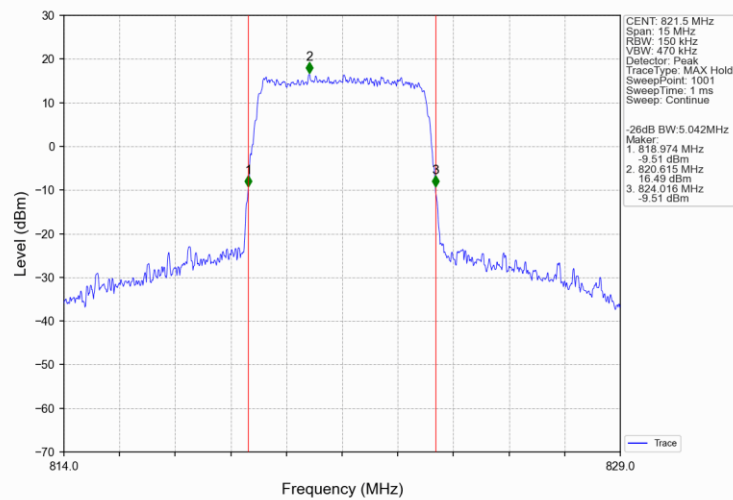
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



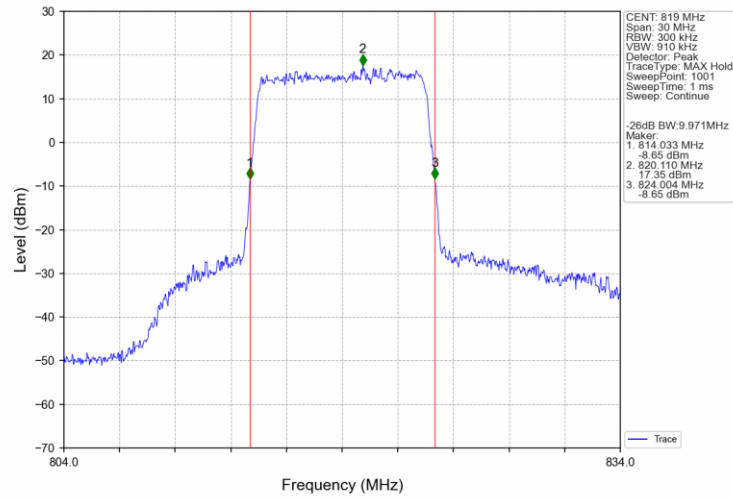
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



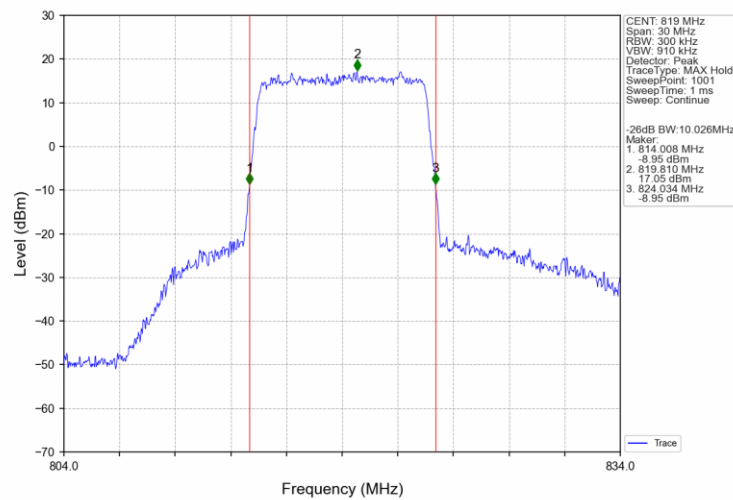
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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 / NTN						
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	5.87	≤ 13	Pass
	823.3	6	0	5.89	≤ 13	Pass
16QAM	814.7	6	0	6.37	≤ 13	Pass
	819	6	0	6.45	≤ 13	Pass
	823.3	6	0	5.88	≤ 13	Pass

5.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	5.85	≤ 13	Pass
	819	15	0	5.83	≤ 13	Pass
	822.5	15	0	5.97	≤ 13	Pass
16QAM	815.5	15	0	6.54	≤ 13	Pass
	819	15	0	6.53	≤ 13	Pass
	822.5	15	0	6.57	≤ 13	Pass

5.1.3 B26a_5MHz

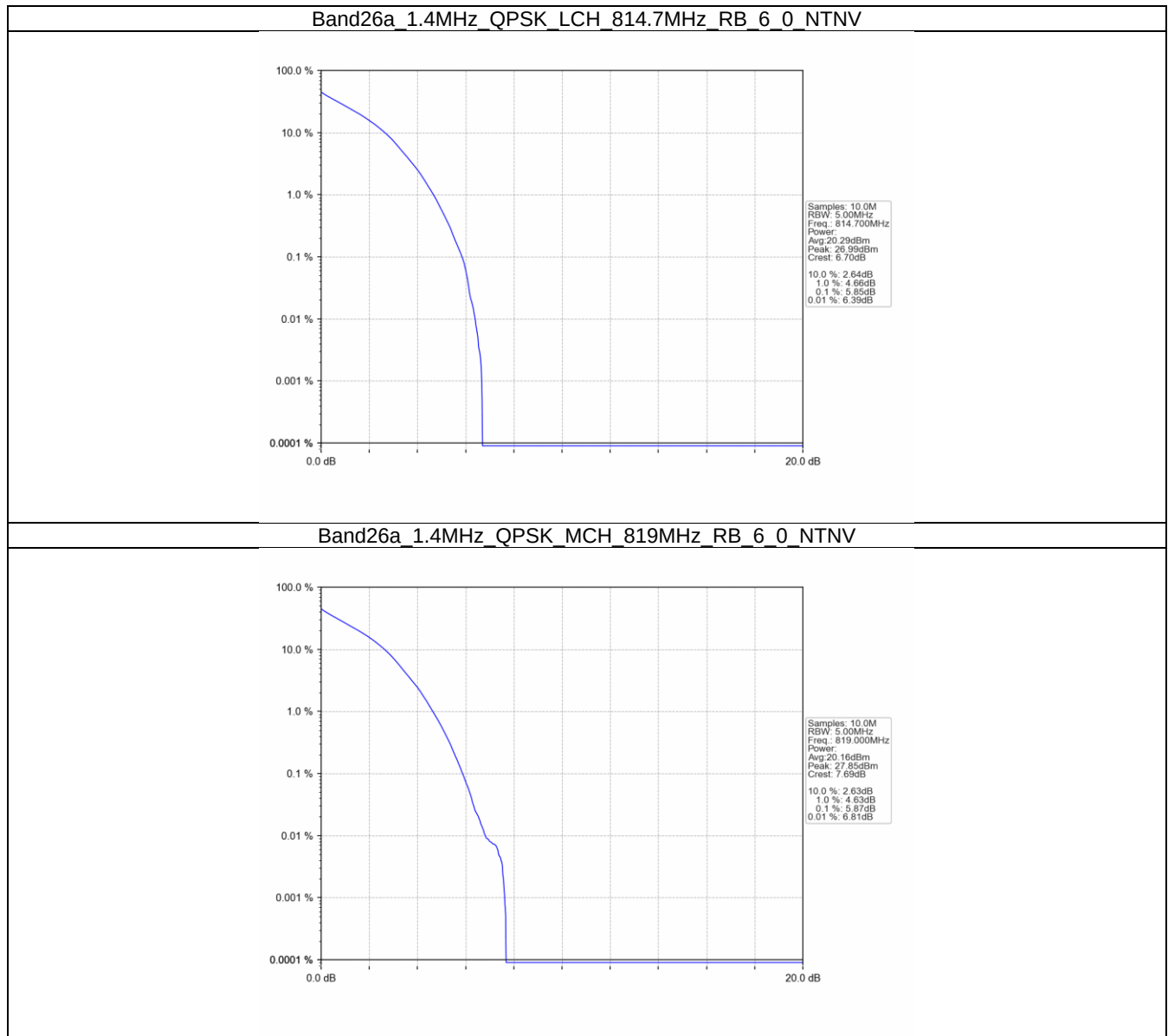
Band: 26a / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.84	≤ 13	Pass
	819	25	0	5.80	≤ 13	Pass
	821.5	25	0	5.85	≤ 13	Pass
16QAM	816.5	25	0	6.44	≤ 13	Pass
	819	25	0	6.44	≤ 13	Pass
	821.5	25	0	6.53	≤ 13	Pass

5.1.4 B26a_10MHz

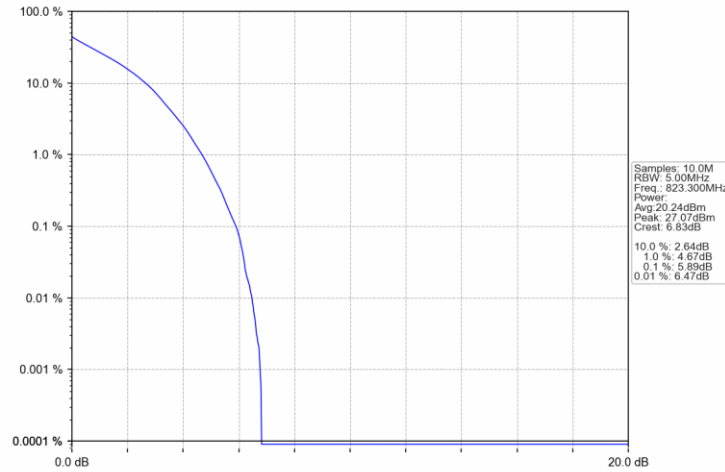
Band: 26a / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.78	≤ 13	Pass
16QAM	819	50	0	6.41	≤ 13	Pass

5.2 Test Graph

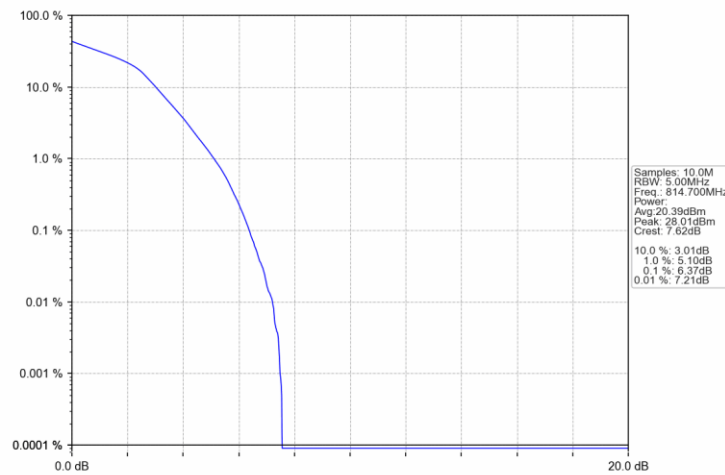
5.2.1 B26a_1.4MHz



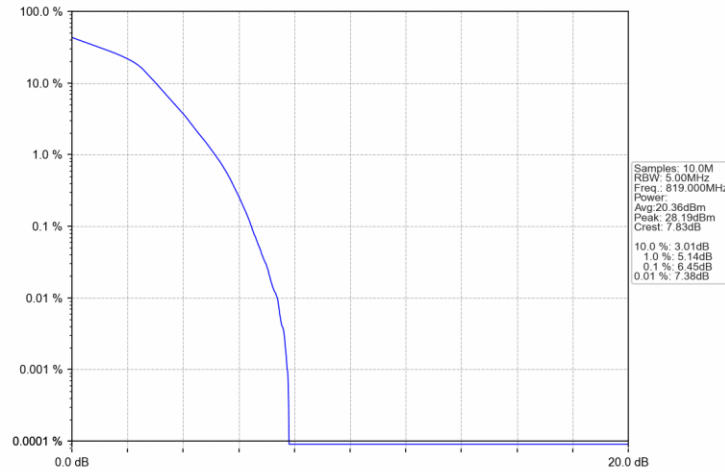
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



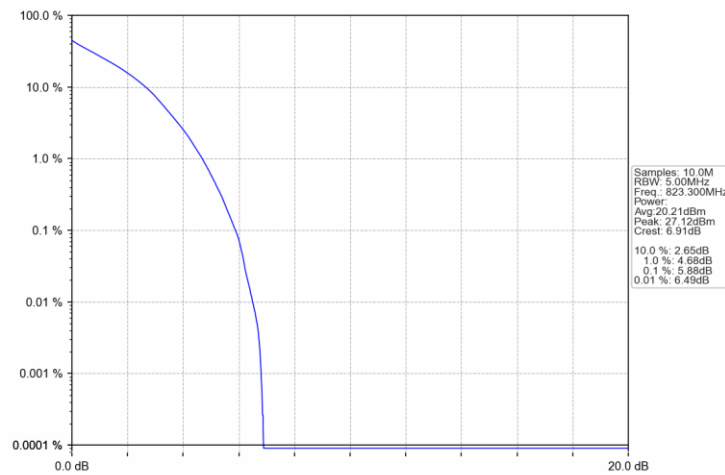
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV

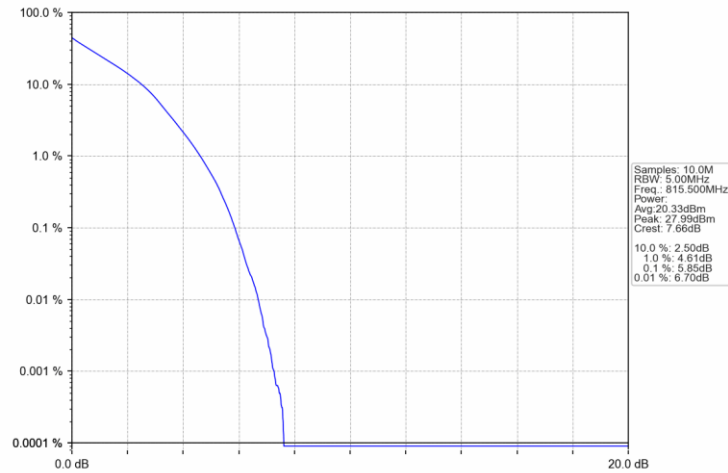


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

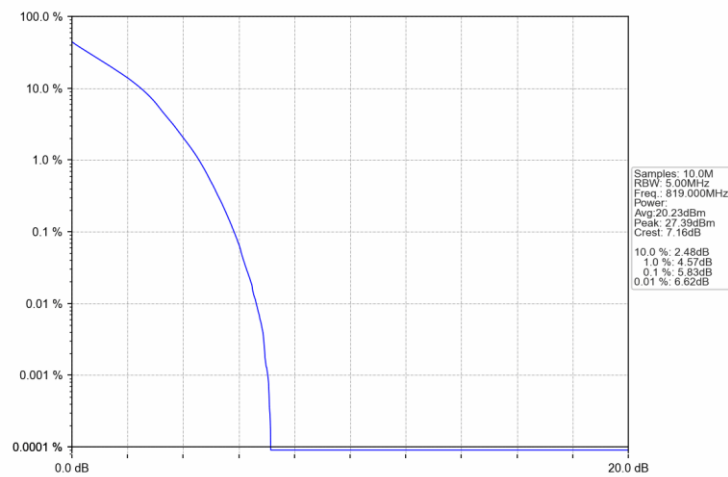


5.2.2 B26a_3MHz

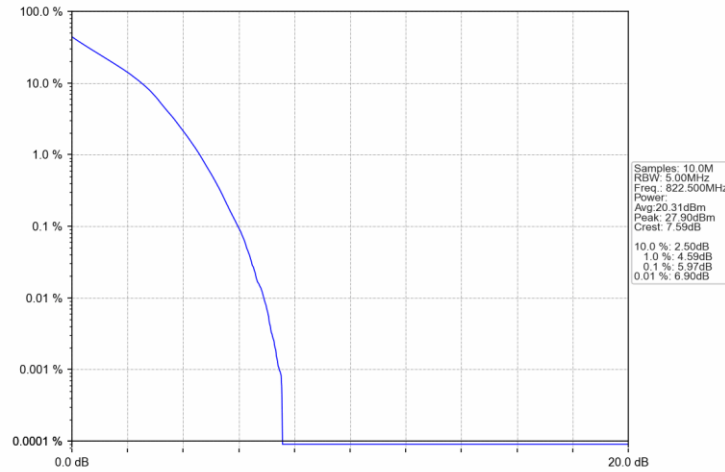
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



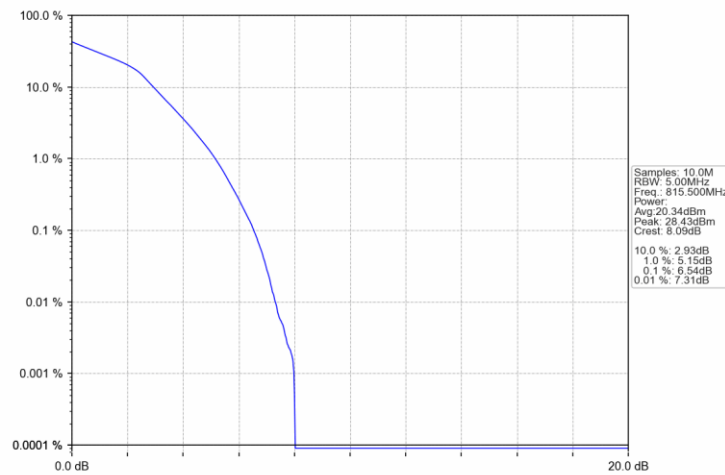
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



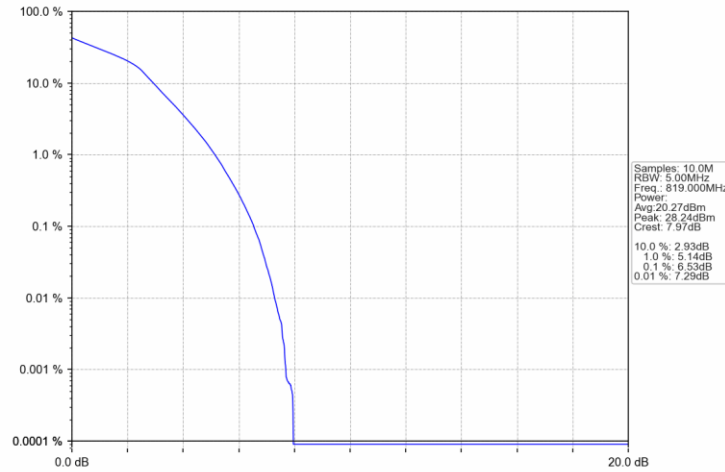
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



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

