

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	22.02	-9.22	10.65	<=50	Pass
			2	22.23	-9.22	10.86	<=50	Pass
			5	21.24	-9.22	9.87	<=50	Pass
		3	0	21.10	-9.22	9.73	<=50	Pass
			2	21.21	-9.22	9.84	<=50	Pass
			3	21.22	-9.22	9.85	<=50	Pass
		6	0	21.10	-9.22	9.73	<=50	Pass
	819	1	0	22.11	-9.22	10.74	<=50	Pass
			2	22.16	-9.22	10.79	<=50	Pass
			5	22.27	-9.22	10.90	<=50	Pass
		3	0	22.20	-9.22	10.83	<=50	Pass
			2	22.27	-9.22	10.90	<=50	Pass
			3	22.18	-9.22	10.81	<=50	Pass
		6	0	21.60	-9.22	10.23	<=50	Pass
	823.3	1	0	22.20	-9.22	10.83	<=50	Pass
			2	22.24	-9.22	10.87	<=50	Pass
			5	21.29	-9.22	9.92	<=50	Pass
		3	0	21.20	-9.22	9.83	<=50	Pass
			2	21.22	-9.22	9.85	<=50	Pass
			3	21.22	-9.22	9.85	<=50	Pass
		6	0	21.27	-9.22	9.90	<=50	Pass
16QAM	814.7	1	0	21.22	-9.22	9.85	<=50	Pass
			2	21.19	-9.22	9.82	<=50	Pass
			5	21.21	-9.22	9.84	<=50	Pass
		3	0	21.05	-9.22	9.68	<=50	Pass
			2	21.20	-9.22	9.83	<=50	Pass
			3	21.23	-9.22	9.86	<=50	Pass
		6	0	20.72	-9.22	9.35	<=50	Pass
	819	1	0	22.52	-9.22	11.15	<=50	Pass
			2	21.67	-9.22	10.30	<=50	Pass
			5	22.50	-9.22	11.13	<=50	Pass
		3	0	21.50	-9.22	10.13	<=50	Pass
			2	21.62	-9.22	10.25	<=50	Pass
			3	21.53	-9.22	10.16	<=50	Pass
		6	0	20.83	-9.22	9.46	<=50	Pass
	823.3	1	0	21.20	-9.22	9.83	<=50	Pass
			2	21.36	-9.22	9.99	<=50	Pass
			5	21.25	-9.22	9.88	<=50	Pass
		3	0	21.25	-9.22	9.88	<=50	Pass
			2	21.01	-9.22	9.64	<=50	Pass
			3	21.09	-9.22	9.72	<=50	Pass
		6	0	20.87	-9.22	9.50	<=50	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	22.10	-9.22	10.73	<=50	Pass
			7	22.18	-9.22	10.81	<=50	Pass
			14	22.27	-9.22	10.90	<=50	Pass
		8	0	21.12	-9.22	9.75	<=50	Pass
			4	21.17	-9.22	9.80	<=50	Pass
			7	21.21	-9.22	9.84	<=50	Pass
		15	0	21.11	-9.22	9.74	<=50	Pass
	819	1	0	22.11	-9.22	10.74	<=50	Pass
			7	22.10	-9.22	10.73	<=50	Pass
			14	22.16	-9.22	10.79	<=50	Pass
		8	0	21.59	-9.22	10.22	<=50	Pass
			4	21.64	-9.22	10.27	<=50	Pass
			7	21.63	-9.22	10.26	<=50	Pass
		15	0	21.60	-9.22	10.23	<=50	Pass
	822.5	1	0	22.14	-9.22	10.77	<=50	Pass
			7	22.16	-9.22	10.79	<=50	Pass
			14	22.13	-9.22	10.76	<=50	Pass
		8	0	21.72	-9.22	10.35	<=50	Pass
			4	21.26	-9.22	9.89	<=50	Pass
			7	21.11	-9.22	9.74	<=50	Pass
		15	0	21.24	-9.22	9.87	<=50	Pass
16QAM	815.5	1	0	21.97	-9.22	10.60	<=50	Pass
			7	21.35	-9.22	9.98	<=50	Pass
			14	21.96	-9.22	10.59	<=50	Pass
		8	0	20.79	-9.22	9.42	<=50	Pass
			4	20.84	-9.22	9.47	<=50	Pass
			7	20.98	-9.22	9.61	<=50	Pass
		15	0	20.68	-9.22	9.31	<=50	Pass
	819	1	0	21.70	-9.22	10.33	<=50	Pass
			7	22.91	-9.22	11.54	<=50	Pass
			14	21.89	-9.22	10.52	<=50	Pass
		8	0	20.92	-9.22	9.55	<=50	Pass
			4	20.72	-9.22	9.35	<=50	Pass
			7	20.76	-9.22	9.39	<=50	Pass
		15	0	20.60	-9.22	9.23	<=50	Pass
	822.5	1	0	21.69	-9.22	10.32	<=50	Pass
			7	22.06	-9.22	10.69	<=50	Pass
			14	22.37	-9.22	11.00	<=50	Pass
		8	0	20.75	-9.22	9.38	<=50	Pass
			4	21.01	-9.22	9.64	<=50	Pass
			7	20.76	-9.22	9.39	<=50	Pass
		15	0	20.71	-9.22	9.34	<=50	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	22.01	-9.22	10.64	<=50	Pass
			13	22.11	-9.22	10.74	<=50	Pass
			24	22.11	-9.22	10.74	<=50	Pass
		12	0	21.24	-9.22	9.87	<=50	Pass
			6	21.21	-9.22	9.84	<=50	Pass
			13	21.08	-9.22	9.71	<=50	Pass
		25	0	21.09	-9.22	9.72	<=50	Pass
			0	22.12	-9.22	10.75	<=50	Pass
			0	22.03	-9.22	10.66	<=50	Pass
	819	1	13	22.03	-9.22	10.66	<=50	Pass
			24	22.20	-9.22	10.83	<=50	Pass
			0	21.24	-9.22	9.87	<=50	Pass
		12	6	21.60	-9.22	10.23	<=50	Pass
			13	21.72	-9.22	10.35	<=50	Pass
			0	21.63	-9.22	10.26	<=50	Pass
		25	0	21.63	-9.22	10.26	<=50	Pass
			0	22.16	-9.22	10.79	<=50	Pass
			13	22.05	-9.22	10.68	<=50	Pass
16QAM	816.5	1	24	22.11	-9.22	10.74	<=50	Pass
			0	21.73	-9.22	10.36	<=50	Pass
			6	21.58	-9.22	10.21	<=50	Pass
		12	13	21.16	-9.22	9.79	<=50	Pass
			0	21.59	-9.22	10.22	<=50	Pass
			0	21.48	-9.22	10.11	<=50	Pass
		25	13	21.59	-9.22	10.22	<=50	Pass
			24	21.16	-9.22	9.79	<=50	Pass
			0	20.70	-9.22	9.33	<=50	Pass
	819	12	6	20.63	-9.22	9.26	<=50	Pass
			13	20.57	-9.22	9.20	<=50	Pass
			0	20.67	-9.22	9.30	<=50	Pass
		25	0	20.81	-9.22	9.44	<=50	Pass
			13	22.16	-9.22	10.79	<=50	Pass
			24	22.09	-9.22	10.72	<=50	Pass
		1	0	20.62	-9.22	9.25	<=50	Pass
			6	20.73	-9.22	9.36	<=50	Pass
			13	20.69	-9.22	9.32	<=50	Pass
	821.5	12	0	20.69	-9.22	9.32	<=50	Pass
			0	20.72	-9.22	9.35	<=50	Pass
			0	22.03	-9.22	10.66	<=50	Pass
		1	13	21.11	-9.22	9.74	<=50	Pass
			24	21.70	-9.22	10.33	<=50	Pass
			0	20.68	-9.22	9.31	<=50	Pass
		12	6	20.61	-9.22	9.24	<=50	Pass
			13	20.71	-9.22	9.34	<=50	Pass
			0	20.69	-9.22	9.32	<=50	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B26a_10MHz_ERP

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	22.22	-9.22	10.85	<=50	Pass
			25	22.16	-9.22	10.79	<=50	Pass
			49	22.21	-9.22	10.84	<=50	Pass
		25	0	21.28	-9.22	9.91	<=50	Pass
			13	21.66	-9.22	10.29	<=50	Pass
			25	21.62	-9.22	10.25	<=50	Pass
		50	0	21.63	-9.22	10.26	<=50	Pass
			0	22.04	-9.22	10.67	<=50	Pass
			0	22.13	-9.22	10.76	<=50	Pass
16QAM	819	1	0	22.04	-9.22	10.67	<=50	Pass
			25	22.13	-9.22	10.76	<=50	Pass
			49	21.10	-9.22	9.73	<=50	Pass
		25	0	20.66	-9.22	9.29	<=50	Pass
			13	20.69	-9.22	9.32	<=50	Pass
			25	20.82	-9.22	9.45	<=50	Pass
		50	0	20.59	-9.22	9.22	<=50	Pass
			0	20.59	-9.22	9.22	<=50	Pass
			0	20.59	-9.22	9.22	<=50	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	-24.047	-0.0295	-2.5 to 2.5	Pass
					3.85	-10.185	-0.0125	-2.5 to 2.5	Pass
					4.43	23.575	0.0289	-2.5 to 2.5	Pass
				-30	3.85	-3.533	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	17.595	0.0216	-2.5 to 2.5	Pass
				-10	3.85	28.224	0.0346	-2.5 to 2.5	Pass
				0	3.85	36.235	0.0445	-2.5 to 2.5	Pass
				10	3.85	43.316	0.0532	-2.5 to 2.5	Pass
				30	3.85	6.409	0.0079	-2.5 to 2.5	Pass
				40	3.85	15.135	0.0186	-2.5 to 2.5	Pass
				50	3.85	18.525	0.0227	-2.5 to 2.5	Pass
	819	6	0	20	3.27	9.513	0.0116	-2.5 to 2.5	Pass
					3.85	-13.175	-0.0161	-2.5 to 2.5	Pass
					4.43	-8.011	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0024	-2.5 to 2.5	Pass
				-10	3.85	3.805	0.0046	-2.5 to 2.5	Pass
				0	3.85	6.952	0.0085	-2.5 to 2.5	Pass
				10	3.85	9.756	0.0119	-2.5 to 2.5	Pass
				30	3.85	12.932	0.0158	-2.5 to 2.5	Pass
				40	3.85	14.906	0.0182	-2.5 to 2.5	Pass
				50	3.85	17.009	0.0208	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	11.601	0.0141	-2.5 to 2.5	Pass
					3.85	-32.344	-0.0393	-2.5 to 2.5	Pass
					4.43	-27.409	-0.0333	-2.5 to 2.5	Pass
				-30	3.85	-16.794	-0.0204	-2.5 to 2.5	Pass
				-20	3.85	-41.928	-0.0509	-2.5 to 2.5	Pass
				-10	3.85	-15.721	-0.0191	-2.5 to 2.5	Pass
				-10	3.85	-15.721	-0.0191	-2.5 to 2.5	Pass



16QAM				0	3.85	-34.647	-0.0421	-2.5 to 2.5	Pass
				10	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-18.525	-0.0225	-2.5 to 2.5	Pass
				40	3.85	-28.138	-0.0342	-2.5 to 2.5	Pass
				50	3.85	-37.065	-0.0450	-2.5 to 2.5	Pass
	814.7	6	0	20	3.27	-18.067	-0.0222	-2.5 to 2.5	Pass
					3.85	-46.892	-0.0576	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-13.175	-0.0162	-2.5 to 2.5	Pass
				-10	3.85	-20.986	-0.0258	-2.5 to 2.5	Pass
				0	3.85	-23.289	-0.0286	-2.5 to 2.5	Pass
				10	3.85	-28.853	-0.0354	-2.5 to 2.5	Pass
				30	3.85	-32.601	-0.0400	-2.5 to 2.5	Pass
				40	3.85	-35.563	-0.0437	-2.5 to 2.5	Pass
				50	3.85	-36.535	-0.0448	-2.5 to 2.5	Pass
	819	6	0	20	3.27	20.199	0.0247	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
					4.43	-7.653	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-6.938	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-8.855	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-10.214	-0.0125	-2.5 to 2.5	Pass
				10	3.85	-9.041	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-9.227	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-8.512	-0.0104	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-8.655	-0.0106	-2.5 to 2.5	Pass
					3.85	-8.655	-0.0106	-2.5 to 2.5	Pass
					4.43	-10.028	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				-20	3.85	7.939	0.0096	-2.5 to 2.5	Pass
				-10	3.85	9.413	0.0114	-2.5 to 2.5	Pass
				0	3.85	15.435	0.0187	-2.5 to 2.5	Pass
				10	3.85	18.425	0.0224	-2.5 to 2.5	Pass
				30	3.85	23.246	0.0282	-2.5 to 2.5	Pass
				40	3.85	28.825	0.0350	-2.5 to 2.5	Pass
				50	3.85	29.712	0.0361	-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	8.454	0.0104	-2.5 to 2.5	Pass
					3.85	-31.114	-0.0382	-2.5 to 2.5	Pass
					4.43	-46.463	-0.0570	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-12.159	-0.0149	-2.5 to 2.5	Pass
				-10	3.85	-18.826	-0.0231	-2.5 to 2.5	Pass
				0	3.85	-23.804	-0.0292	-2.5 to 2.5	Pass
				10	3.85	-27.437	-0.0336	-2.5 to 2.5	Pass
				30	3.85	-28.410	-0.0348	-2.5 to 2.5	Pass
				40	3.85	-28.725	-0.0352	-2.5 to 2.5	Pass
				50	3.85	-31.013	-0.0380	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-31.986	-0.0391	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
					4.43	9.685	0.0118	-2.5 to 2.5	Pass



				-30	3.85	20.256	0.0247	-2.5 to 2.5	Pass
				-20	3.85	27.137	0.0331	-2.5 to 2.5	Pass
				-10	3.85	31.071	0.0379	-2.5 to 2.5	Pass
				0	3.85	36.221	0.0442	-2.5 to 2.5	Pass
				10	3.85	41.242	0.0504	-2.5 to 2.5	Pass
				30	3.85	44.532	0.0544	-2.5 to 2.5	Pass
				40	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				50	3.85	3.891	0.0048	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-40.898	-0.0497	-2.5 to 2.5	Pass
					3.85	-9.642	-0.0117	-2.5 to 2.5	Pass
					4.43	9.670	0.0118	-2.5 to 2.5	Pass
				-30	3.85	22.988	0.0279	-2.5 to 2.5	Pass
				-20	3.85	35.906	0.0437	-2.5 to 2.5	Pass
				-10	3.85	43.516	0.0529	-2.5 to 2.5	Pass
				0	3.85	4.749	0.0058	-2.5 to 2.5	Pass
				10	3.85	11.816	0.0144	-2.5 to 2.5	Pass
				30	3.85	17.495	0.0213	-2.5 to 2.5	Pass
				40	3.85	19.670	0.0239	-2.5 to 2.5	Pass
				50	3.85	31.700	0.0385	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	-2.046	-0.0025	-2.5 to 2.5	Pass
					3.85	-24.748	-0.0303	-2.5 to 2.5	Pass
					4.43	-18.625	-0.0228	-2.5 to 2.5	Pass
				-30	3.85	-13.275	-0.0163	-2.5 to 2.5	Pass
				-20	3.85	-6.194	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				0	3.85	4.377	0.0054	-2.5 to 2.5	Pass
				10	3.85	8.082	0.0099	-2.5 to 2.5	Pass
				30	3.85	10.200	0.0125	-2.5 to 2.5	Pass
				40	3.85	15.078	0.0185	-2.5 to 2.5	Pass
				50	3.85	17.152	0.0210	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-34.103	-0.0416	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0018	-2.5 to 2.5	Pass
					4.43	12.031	0.0147	-2.5 to 2.5	Pass
				-30	3.85	20.242	0.0247	-2.5 to 2.5	Pass
				-20	3.85	32.473	0.0396	-2.5 to 2.5	Pass
				-10	3.85	40.698	0.0497	-2.5 to 2.5	Pass
				0	3.85	43.702	0.0534	-2.5 to 2.5	Pass
				10	3.85	3.133	0.0038	-2.5 to 2.5	Pass
				30	3.85	8.855	0.0108	-2.5 to 2.5	Pass
				40	3.85	11.501	0.0140	-2.5 to 2.5	Pass
				50	3.85	17.338	0.0212	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-24.962	-0.0303	-2.5 to 2.5	Pass
					3.85	-34.318	-0.0417	-2.5 to 2.5	Pass
					4.43	-19.984	-0.0243	-2.5 to 2.5	Pass
				-30	3.85	-11.845	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-4.320	-0.0053	-2.5 to 2.5	Pass
				0	3.85	1.531	0.0019	-2.5 to 2.5	Pass
				10	3.85	6.065	0.0074	-2.5 to 2.5	Pass
				30	3.85	6.552	0.0080	-2.5 to 2.5	Pass
				40	3.85	8.984	0.0109	-2.5 to 2.5	Pass
				50	3.85	10.543	0.0128	-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	-25.234	-0.0309	-2.5 to 2.5	Pass
					3.85	-9.928	-0.0122	-2.5 to 2.5	Pass
					4.43	22.144	0.0271	-2.5 to 2.5	Pass
				-30	3.85	36.979	0.0453	-2.5 to 2.5	Pass
				-20	3.85	6.967	0.0085	-2.5 to 2.5	Pass
				-10	3.85	9.971	0.0122	-2.5 to 2.5	Pass
				0	3.85	14.105	0.0173	-2.5 to 2.5	Pass
				10	3.85	17.338	0.0212	-2.5 to 2.5	Pass
				30	3.85	18.725	0.0229	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-29.612	-0.0362	-2.5 to 2.5	Pass
					3.85	-10.972	-0.0134	-2.5 to 2.5	Pass
					4.43	6.480	0.0079	-2.5 to 2.5	Pass
				-30	3.85	18.411	0.0225	-2.5 to 2.5	Pass
				-20	3.85	32.258	0.0394	-2.5 to 2.5	Pass
				-10	3.85	41.685	0.0509	-2.5 to 2.5	Pass
				0	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				10	3.85	6.452	0.0079	-2.5 to 2.5	Pass
				30	3.85	12.589	0.0154	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-29.683	-0.0361	-2.5 to 2.5	Pass
					3.85	1.001	0.0012	-2.5 to 2.5	Pass
					4.43	27.566	0.0336	-2.5 to 2.5	Pass
				-30	3.85	15.206	0.0185	-2.5 to 2.5	Pass
				-20	3.85	16.193	0.0197	-2.5 to 2.5	Pass
				-10	3.85	24.548	0.0299	-2.5 to 2.5	Pass
				0	3.85	36.821	0.0448	-2.5 to 2.5	Pass
				10	3.85	46.034	0.0560	-2.5 to 2.5	Pass
				30	3.85	4.606	0.0056	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.27	-12.646	-0.0155	-2.5 to 2.5	Pass
					3.85	-35.276	-0.0432	-2.5 to 2.5	Pass
					4.43	-33.746	-0.0413	-2.5 to 2.5	Pass
				-30	3.85	-33.774	-0.0414	-2.5 to 2.5	Pass
				-20	3.85	-36.693	-0.0449	-2.5 to 2.5	Pass
				-10	3.85	-38.109	-0.0467	-2.5 to 2.5	Pass
				0	3.85	-36.850	-0.0451	-2.5 to 2.5	Pass
				10	3.85	-41.370	-0.0507	-2.5 to 2.5	Pass
				30	3.85	-41.471	-0.0508	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-23.689	-0.0289	-2.5 to 2.5	Pass
					3.85	-16.551	-0.0202	-2.5 to 2.5	Pass
					4.43	-5.035	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.020	0.0049	-2.5 to 2.5	Pass
				0	3.85	8.054	0.0098	-2.5 to 2.5	Pass
				10	3.85	12.074	0.0147	-2.5 to 2.5	Pass
				30	3.85	12.388	0.0151	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-19.255	-0.0234	-2.5 to 2.5	Pass
					3.85	-42.315	-0.0515	-2.5 to 2.5	Pass
					4.43	-37.379	-0.0455	-2.5 to 2.5	Pass
				-30	3.85	-32.787	-0.0399	-2.5 to 2.5	Pass



				-20	3.85	-33.159	-0.0404	-2.5 to 2.5	Pass
				-10	3.85	-33.517	-0.0408	-2.5 to 2.5	Pass
				0	3.85	-37.408	-0.0455	-2.5 to 2.5	Pass
				10	3.85	-36.893	-0.0449	-2.5 to 2.5	Pass
				30	3.85	-37.522	-0.0457	-2.5 to 2.5	Pass
				40	3.85	-39.668	-0.0483	-2.5 to 2.5	Pass
				50	3.85	-40.398	-0.0492	-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	-26.751	-0.0327	-2.5 to 2.5	Pass
					3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
					4.43	24.319	0.0297	-2.5 to 2.5	Pass
				-30	3.85	37.222	0.0454	-2.5 to 2.5	Pass
				-20	3.85	27.909	0.0341	-2.5 to 2.5	Pass
				-10	3.85	9.198	0.0112	-2.5 to 2.5	Pass
				0	3.85	18.625	0.0227	-2.5 to 2.5	Pass
				10	3.85	25.263	0.0308	-2.5 to 2.5	Pass
				30	3.85	28.396	0.0347	-2.5 to 2.5	Pass
				40	3.85	33.588	0.0410	-2.5 to 2.5	Pass
				50	3.85	37.823	0.0462	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.27	-24.347	-0.0297	-2.5 to 2.5	Pass
					3.85	-21.157	-0.0258	-2.5 to 2.5	Pass
					4.43	-4.735	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				-10	3.85	6.537	0.0080	-2.5 to 2.5	Pass
				0	3.85	6.881	0.0084	-2.5 to 2.5	Pass
				10	3.85	8.783	0.0107	-2.5 to 2.5	Pass
				30	3.85	6.738	0.0082	-2.5 to 2.5	Pass
				40	3.85	9.027	0.0110	-2.5 to 2.5	Pass
				50	3.85	17.939	0.0219	-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	
		Size	Offset	Result	Limit
QPSK	819	6	0	Refer To Test Graph	
16QAM	819	6	0	Refer To Test Graph	

3.1.2 B26a_3MHz

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



16QAM	819	15	0	Refer To Test Graph	Pass
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3.1.3 B26a_5MHz

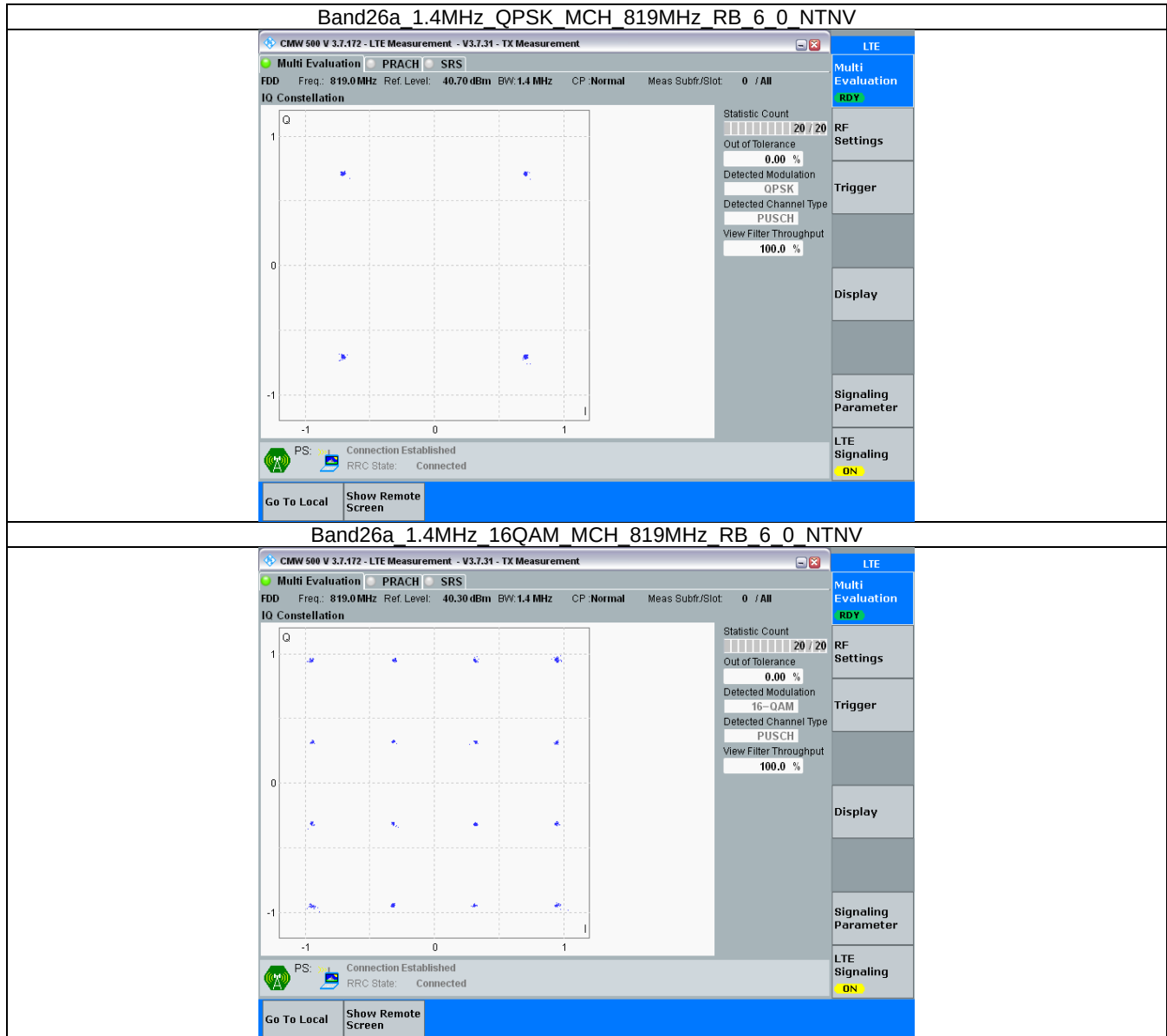
Band: 26a / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

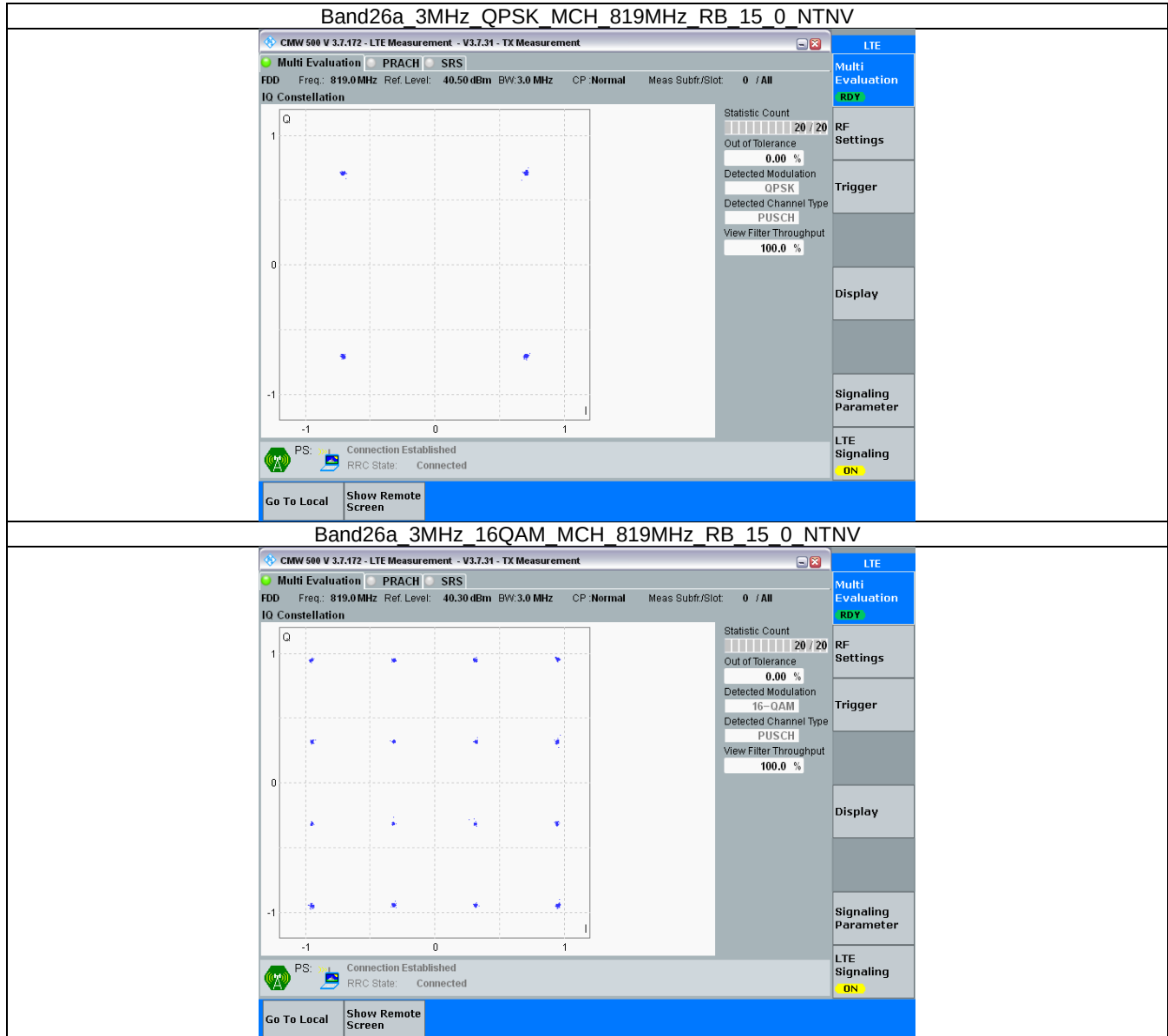
Band: 26a / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

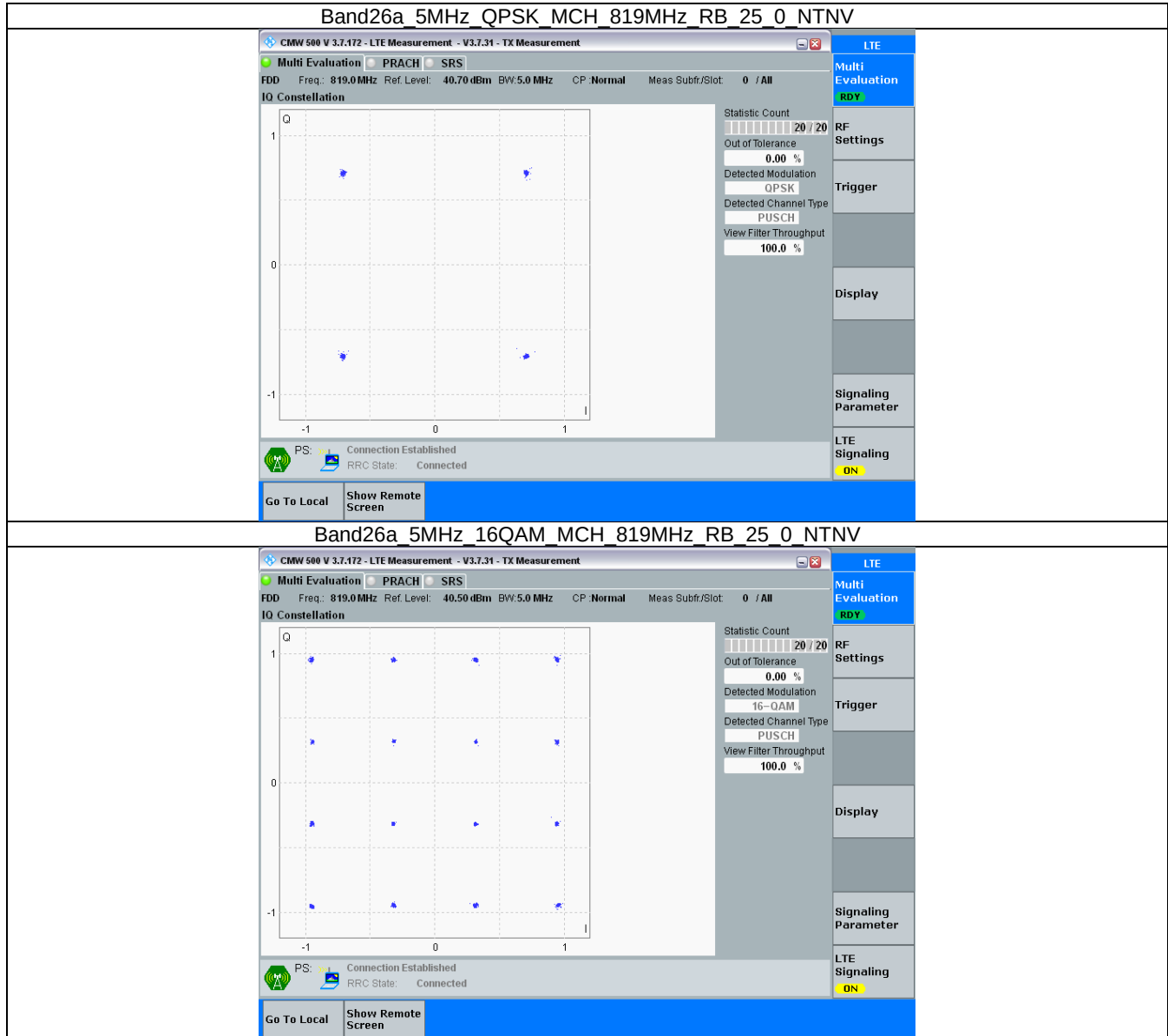
3.2.1 B26a_1.4MHz



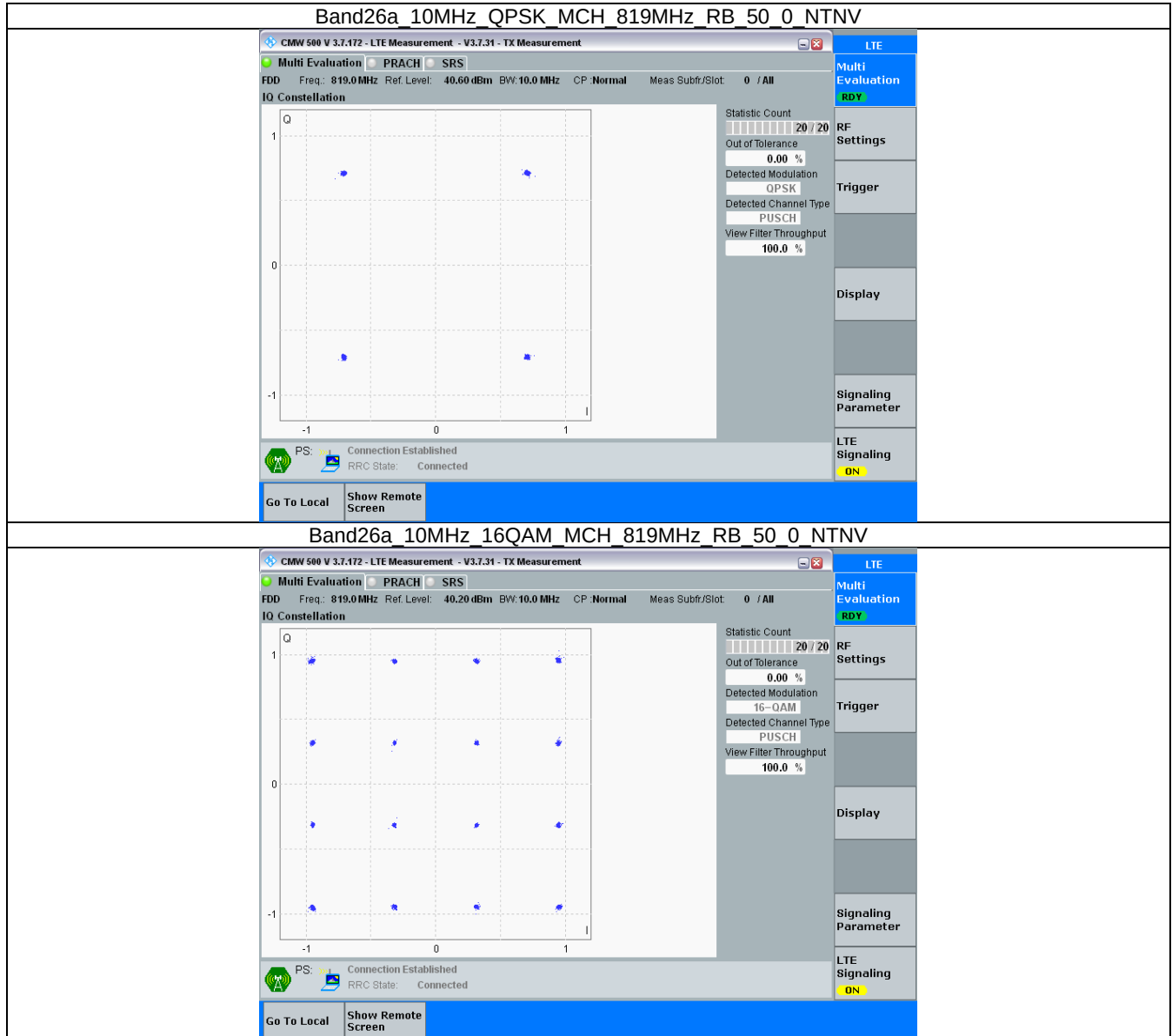
3.2.2 B26a_3MHz



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	1.114	/	Pass
		819	6	0	1.104	/	Pass
		823.3	6	0	1.108	/	Pass
	16QAM	814.7	6	0	1.115	/	Pass
		819	6	0	1.118	/	Pass
		823.3	6	0	1.116	/	Pass
3	QPSK	815.5	15	0	2.760	/	Pass
		819	15	0	2.754	/	Pass
		822.5	15	0	2.747	/	Pass
	16QAM	815.5	15	0	2.751	/	Pass
		819	15	0	2.762	/	Pass
		822.5	15	0	2.759	/	Pass
5	QPSK	816.5	25	0	4.552	/	Pass
		819	25	0	4.536	/	Pass
		821.5	25	0	4.553	/	Pass
	16QAM	816.5	25	0	4.568	/	Pass
		819	25	0	4.527	/	Pass
		821.5	25	0	4.555	/	Pass
10	QPSK	819	50	0	9.071	/	Pass
	16QAM	819	50	0	9.017	/	Pass

4.1.2 Band26a_XDB

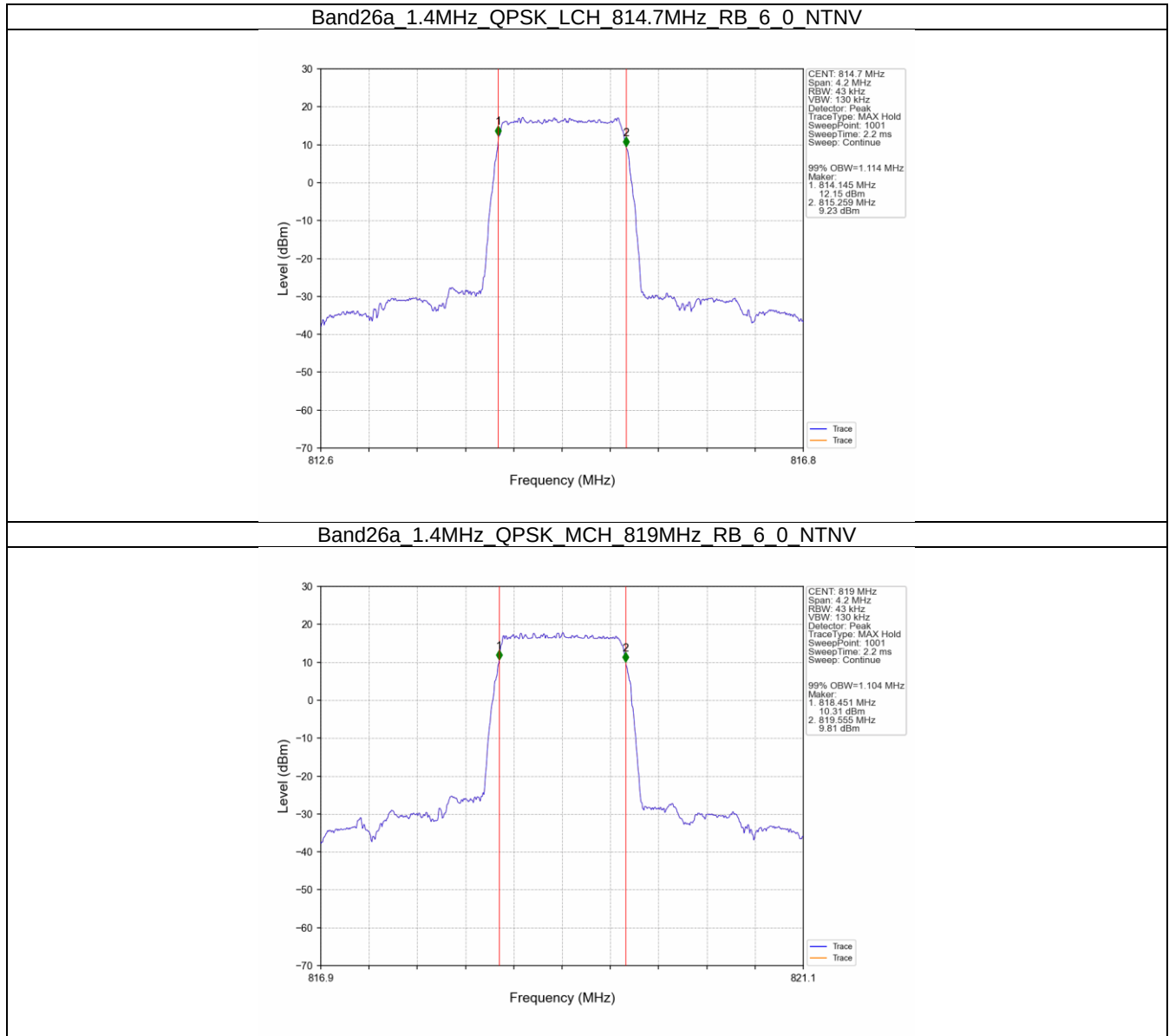
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.276	/	Pass
		819	6	0	1.271	/	Pass
		823.3	6	0	1.270	/	Pass
	16QAM	814.7	6	0	1.268	/	Pass
		819	6	0	1.275	/	Pass
		823.3	6	0	1.278	/	Pass
3	QPSK	815.5	15	0	3.116	/	Pass
		819	15	0	3.109	/	Pass
		822.5	15	0	3.102	/	Pass
	16QAM	815.5	15	0	3.095	/	Pass
		819	15	0	3.099	/	Pass
		822.5	15	0	3.099	/	Pass
5	QPSK	816.5	25	0	5.066	/	Pass
		819	25	0	5.075	/	Pass
		821.5	25	0	5.072	/	Pass
	16QAM	816.5	25	0	5.078	/	Pass
		819	25	0	5.040	/	Pass
		821.5	25	0	5.071	/	Pass
10	QPSK	819	50	0	10.049	/	Pass



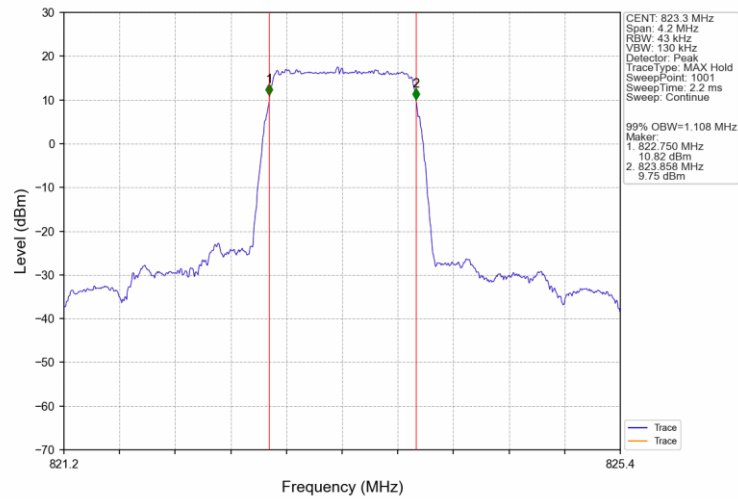
	16QAM	819	50	0	10.039	/	Pass
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4.2 Test Graph

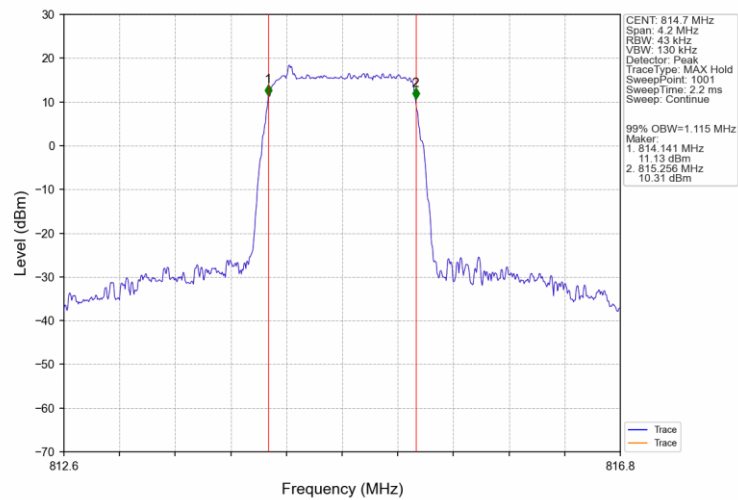
4.2.1 Band26a_OBW



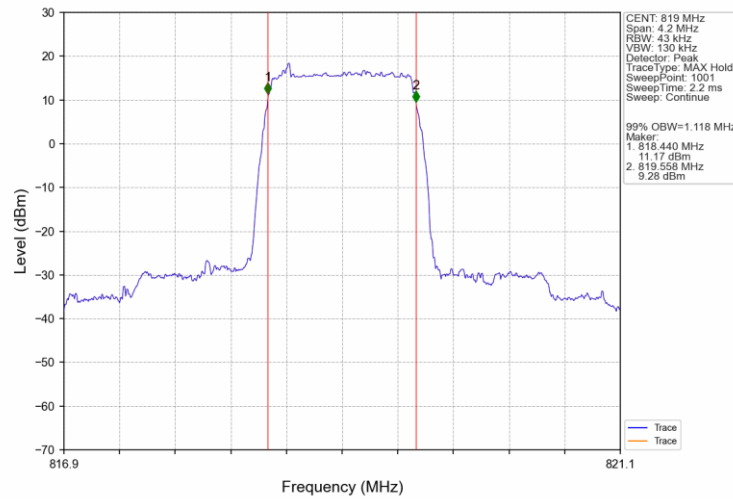
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



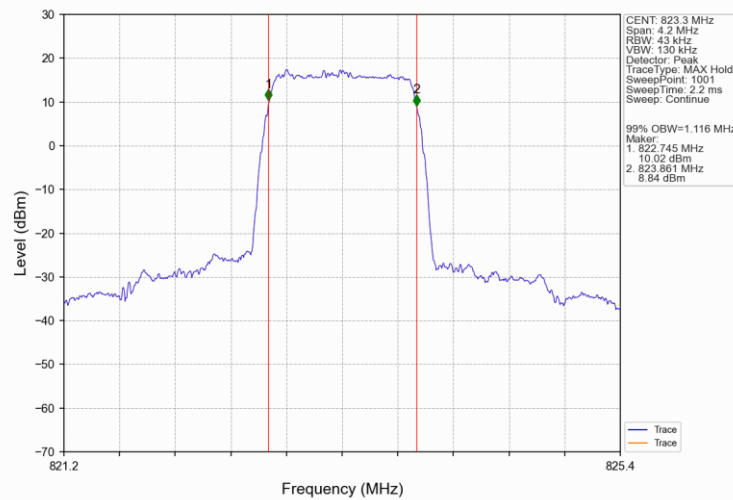
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



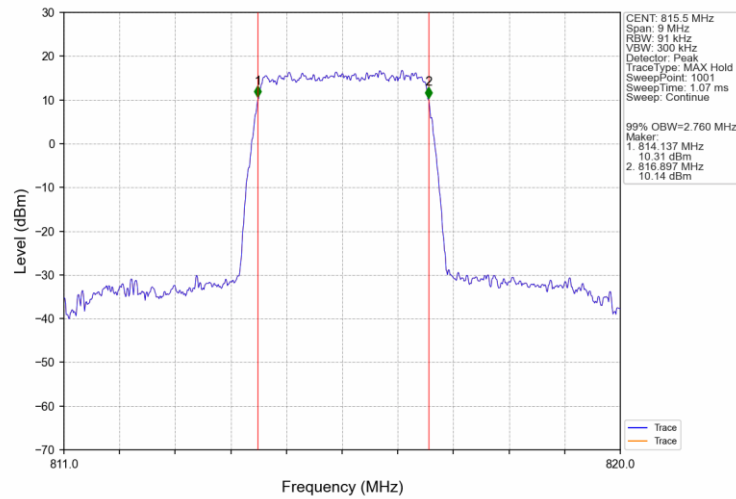
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



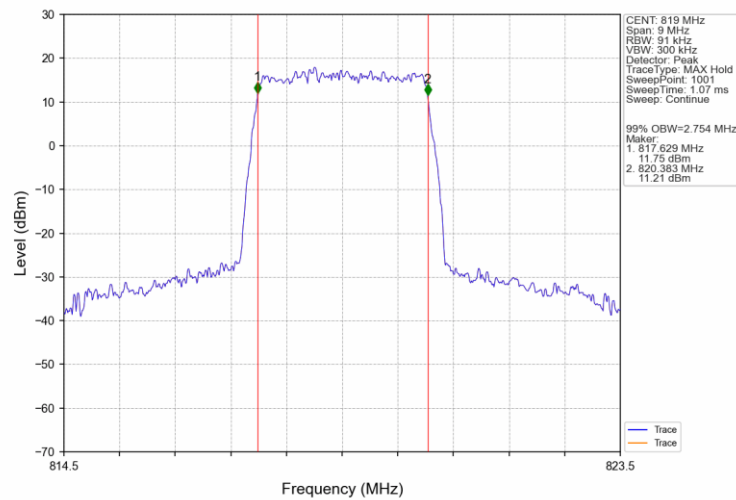
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



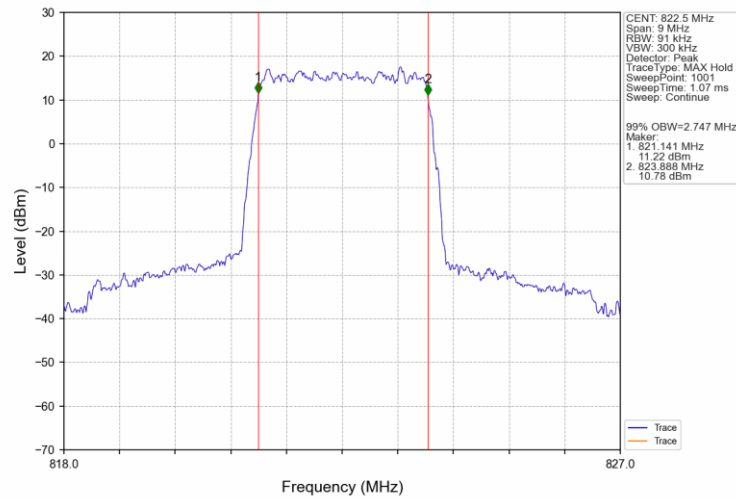
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



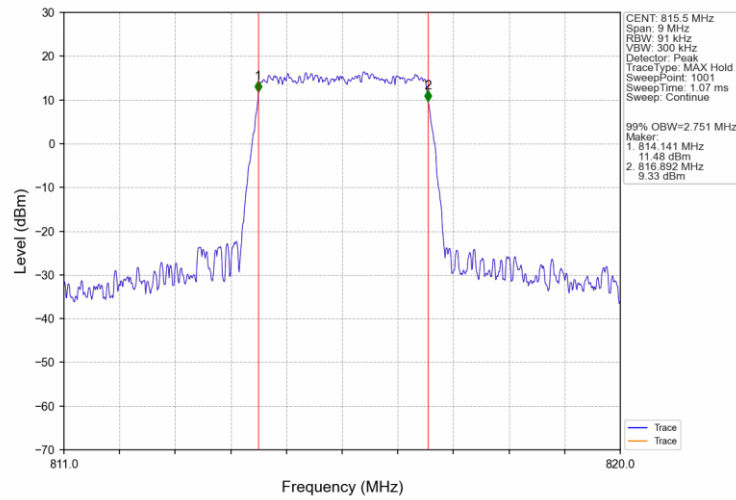
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV

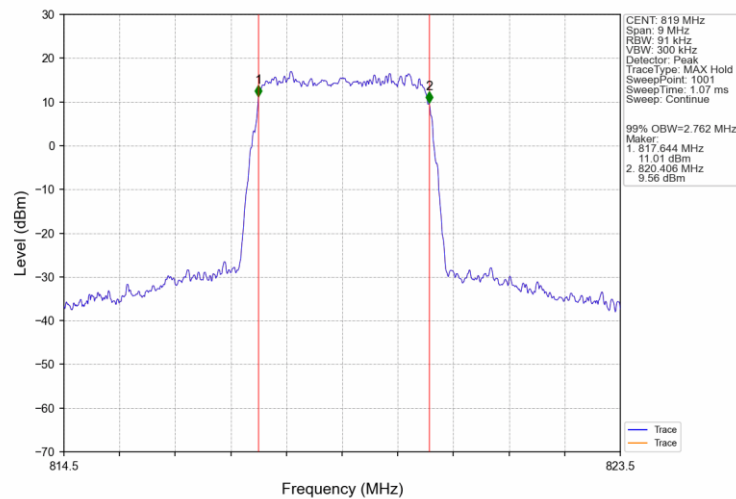


Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

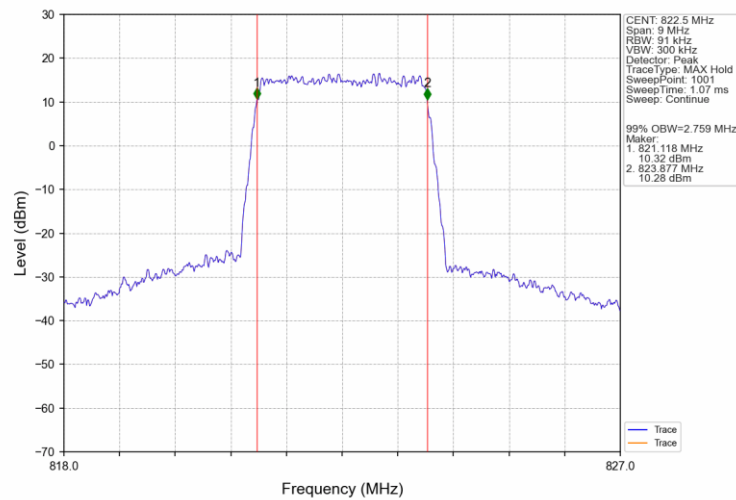




Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

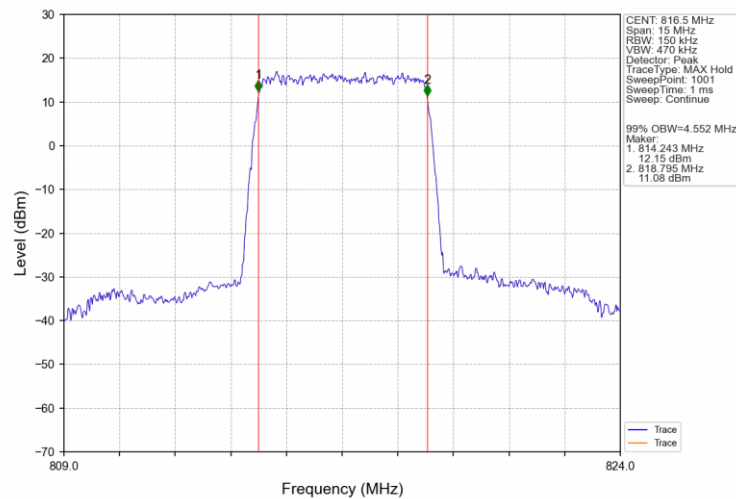


Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV

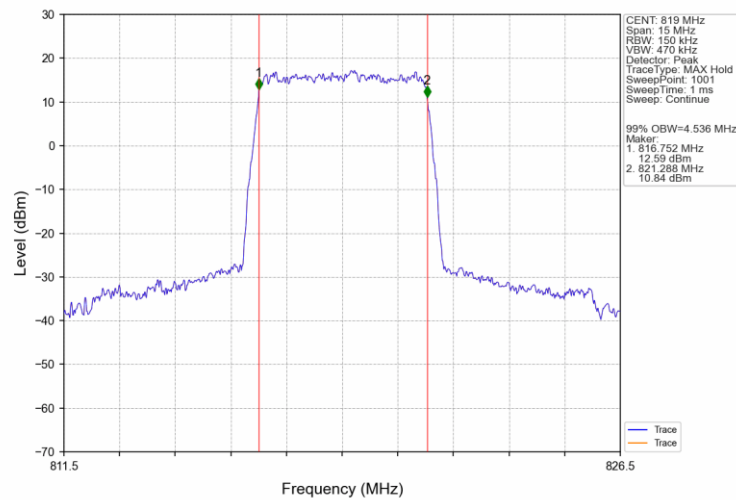




Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

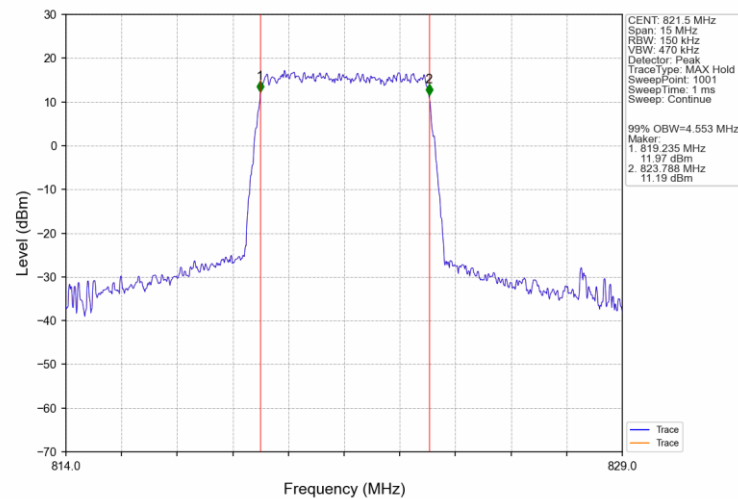


Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV

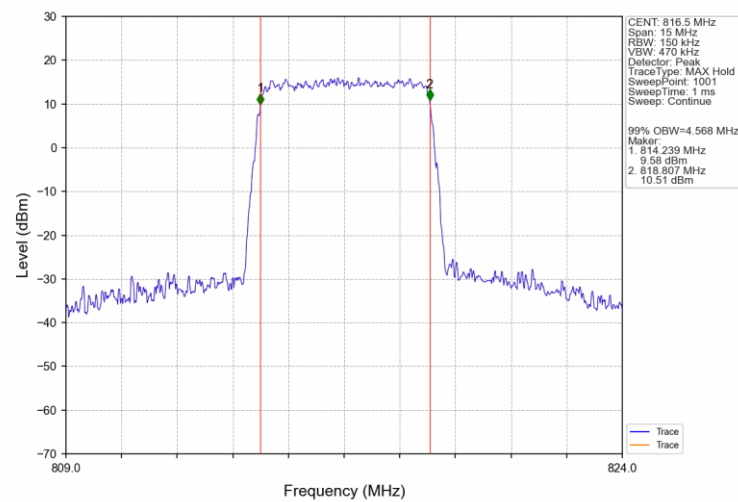




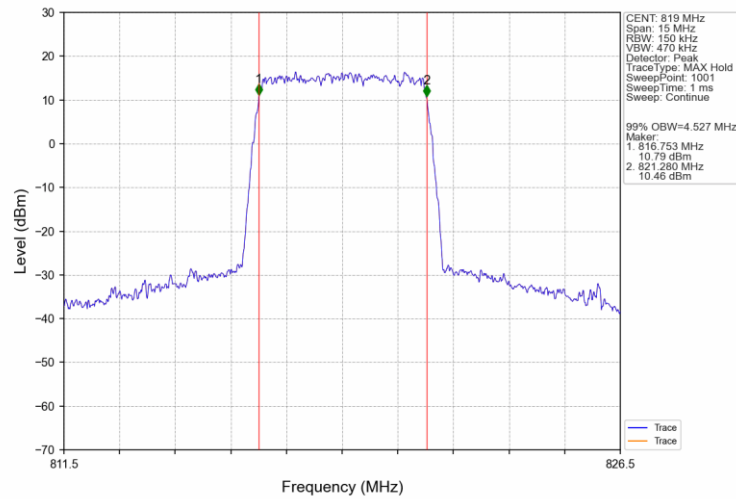
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



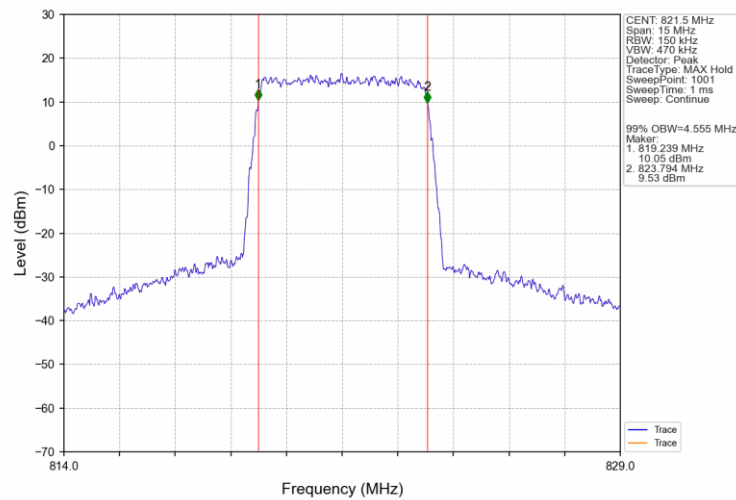
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



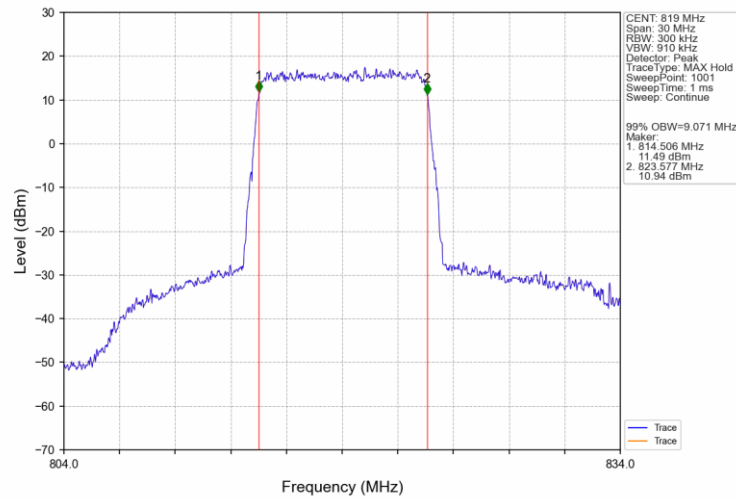
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



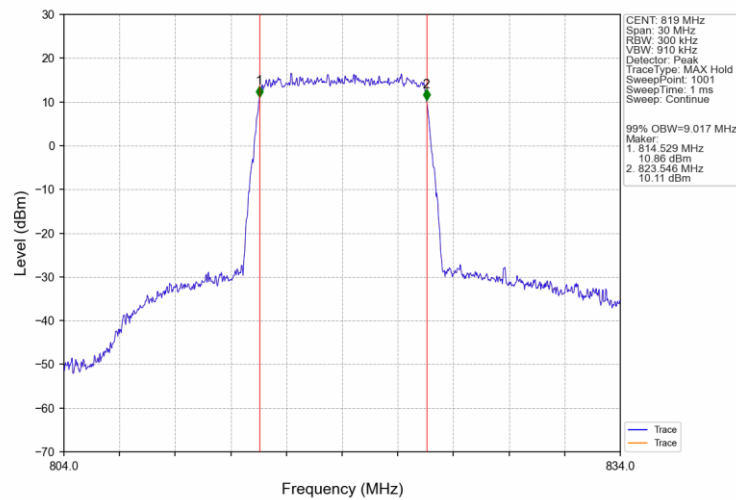
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



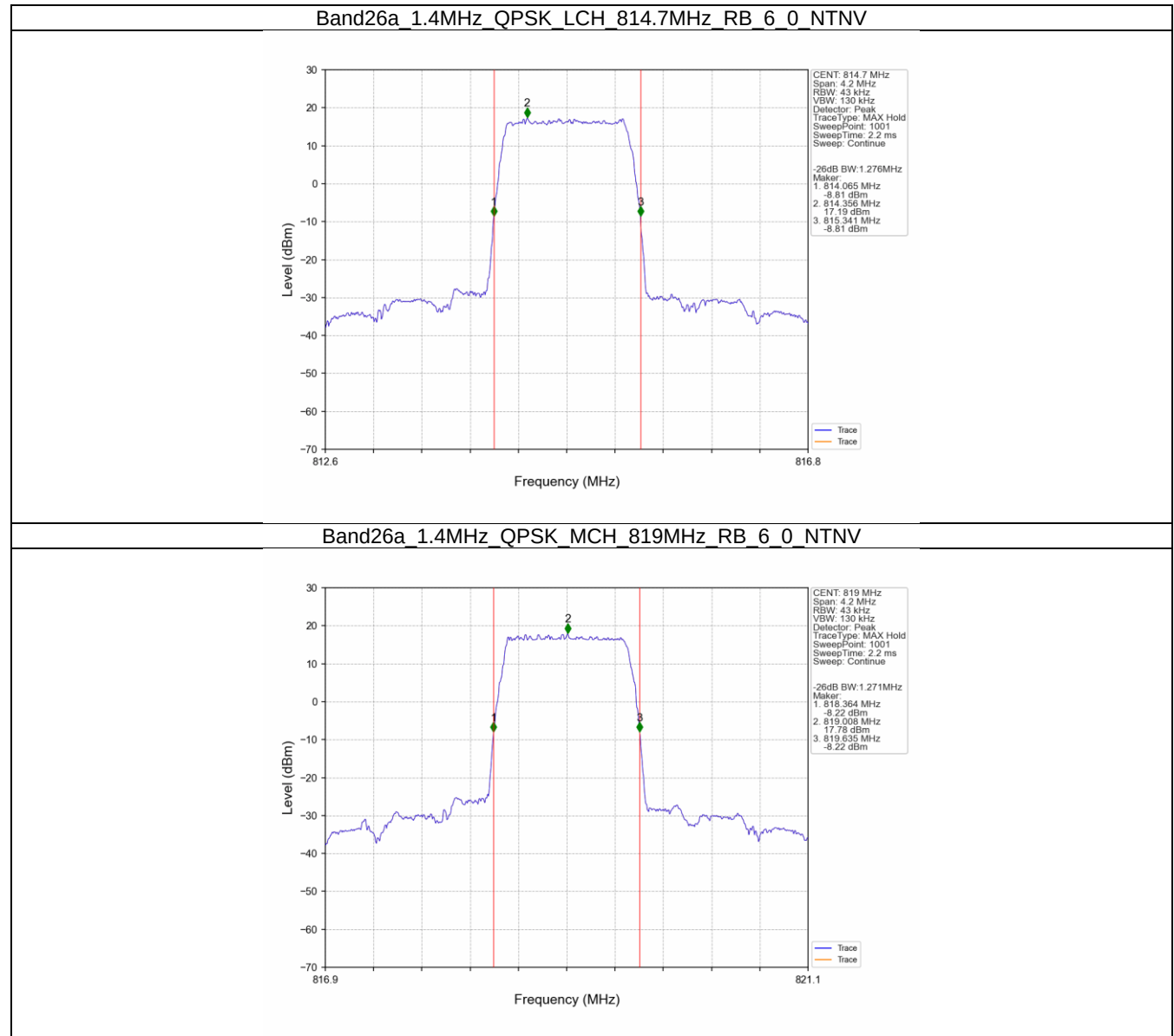
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



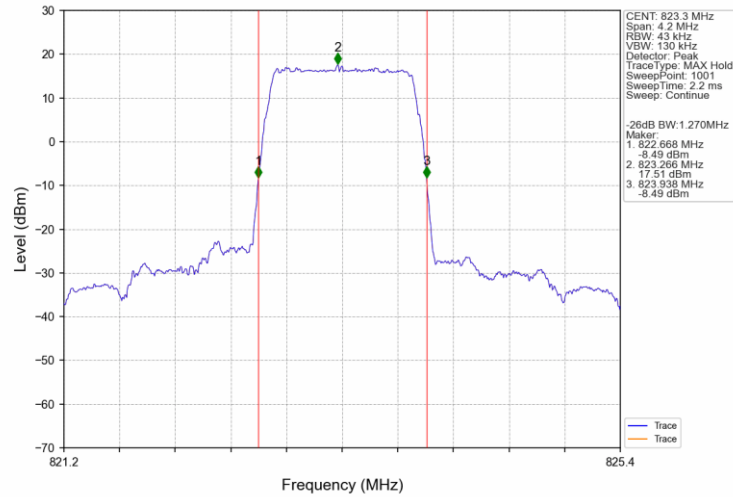
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



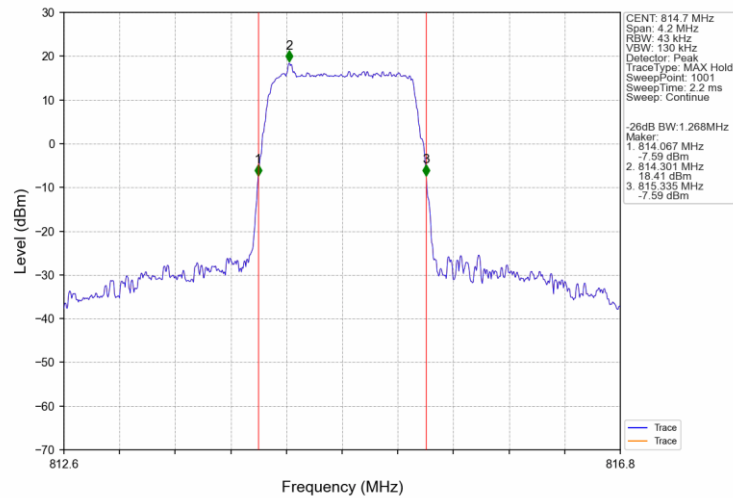
4.2.2 Band26a_XDB



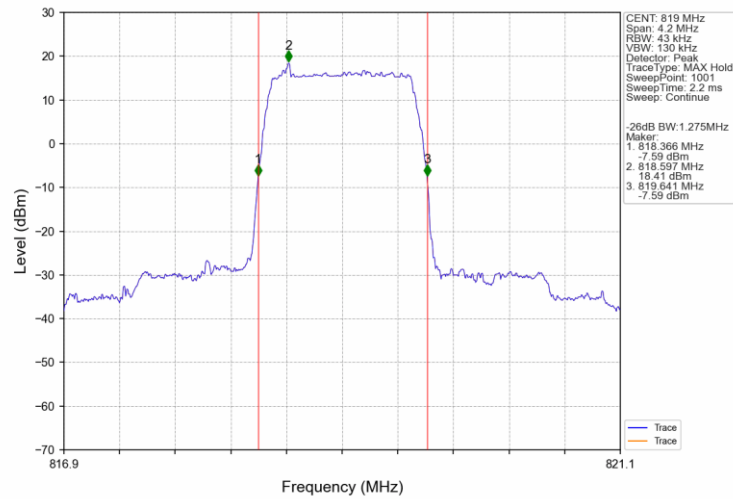
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



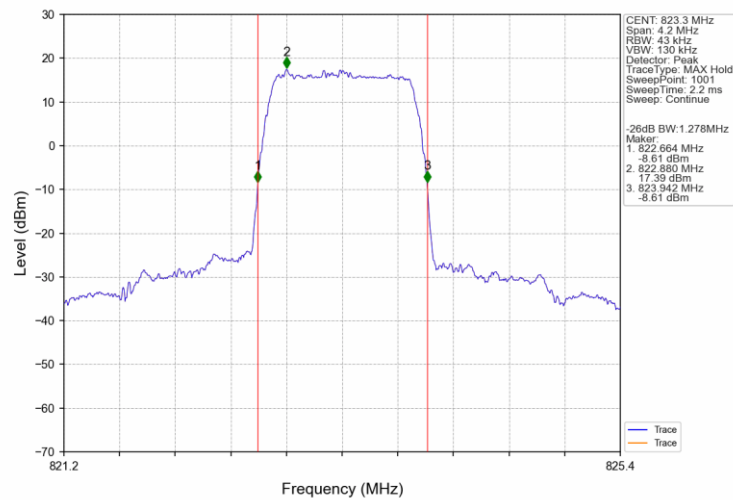
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



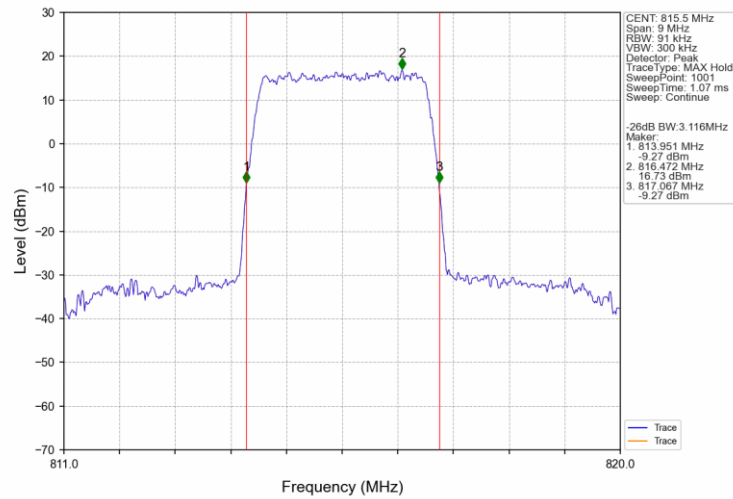
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



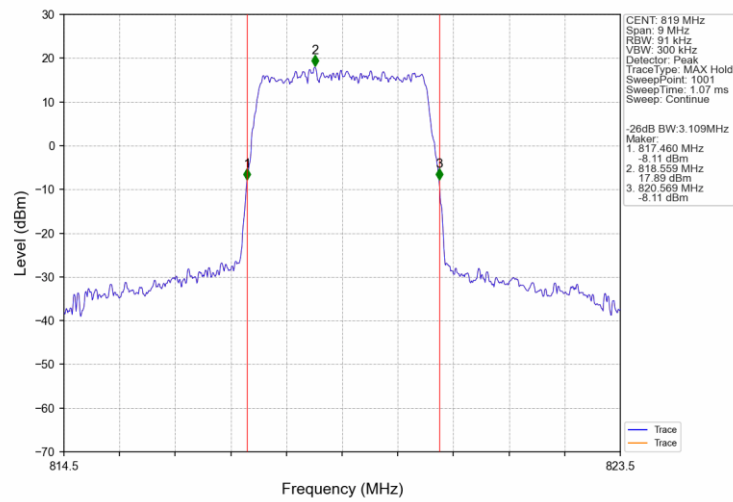
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



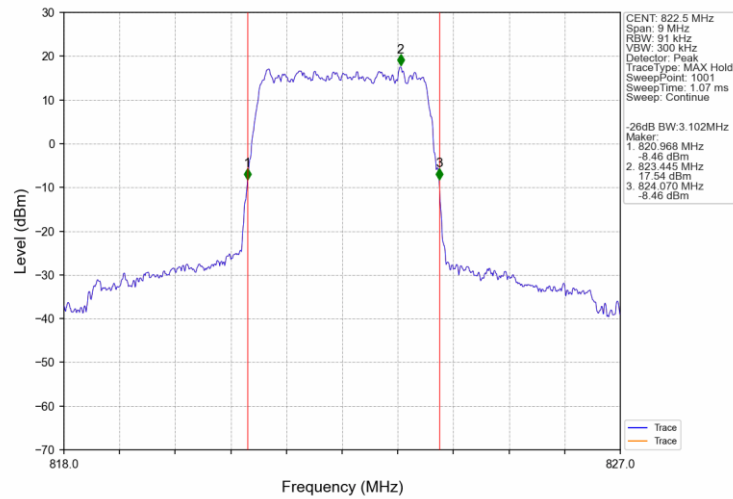
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



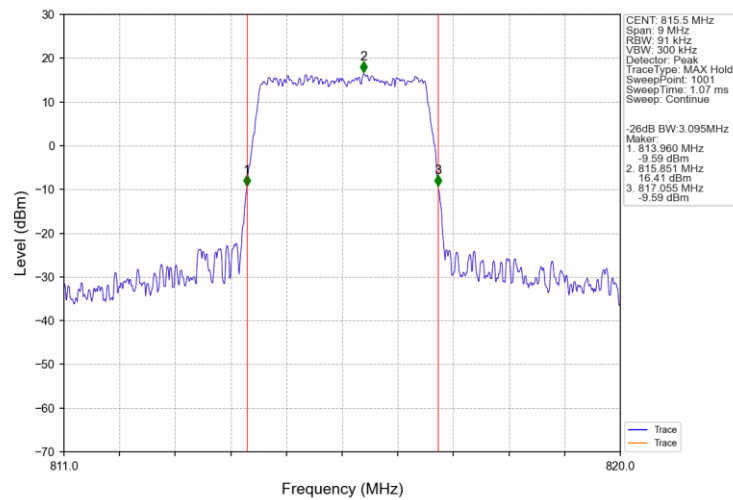
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



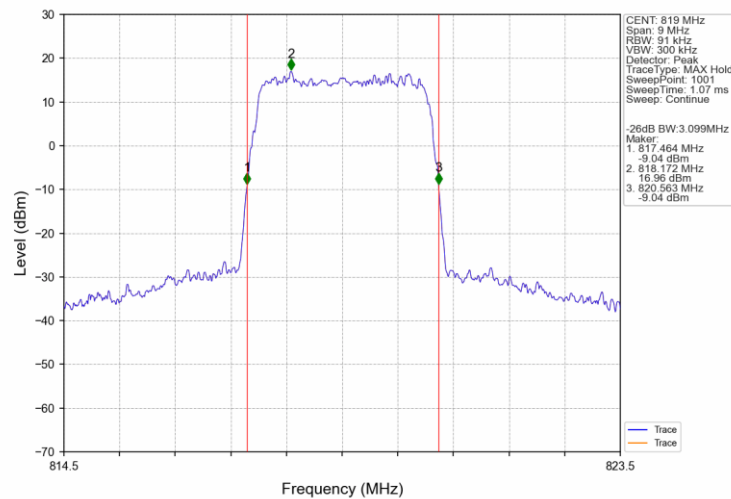
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



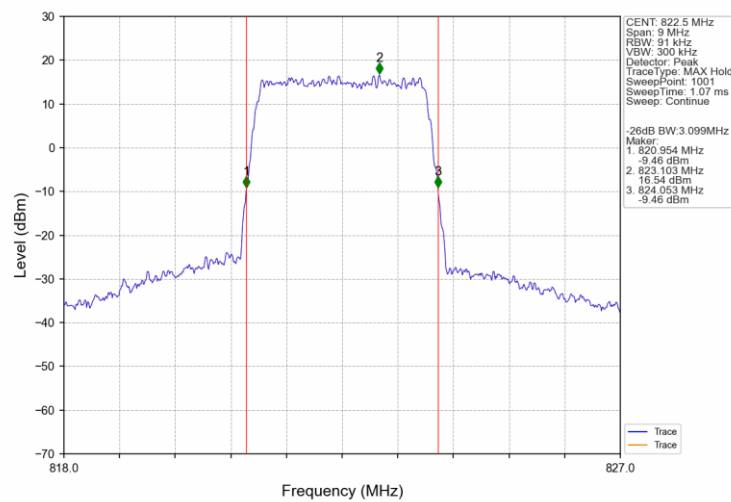
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



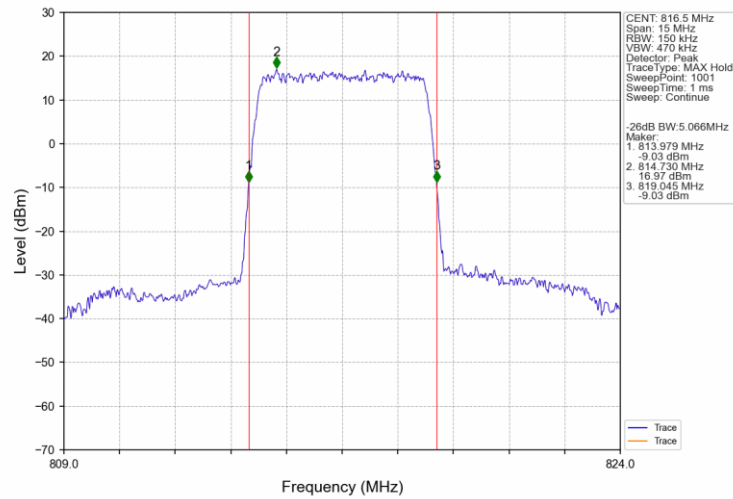
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



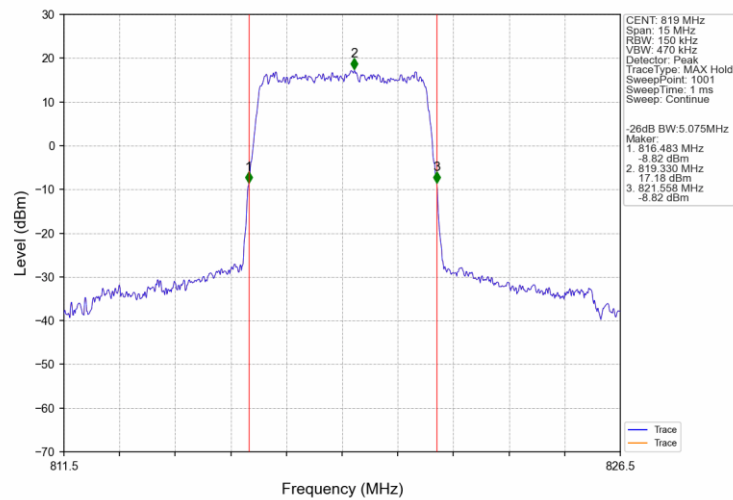
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



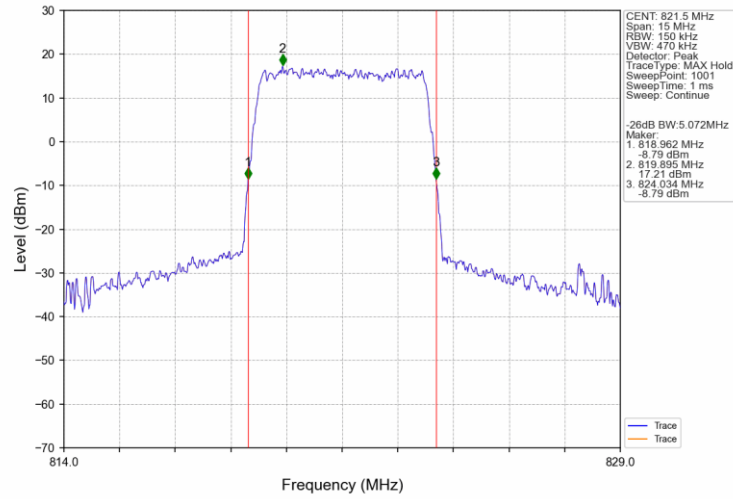
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



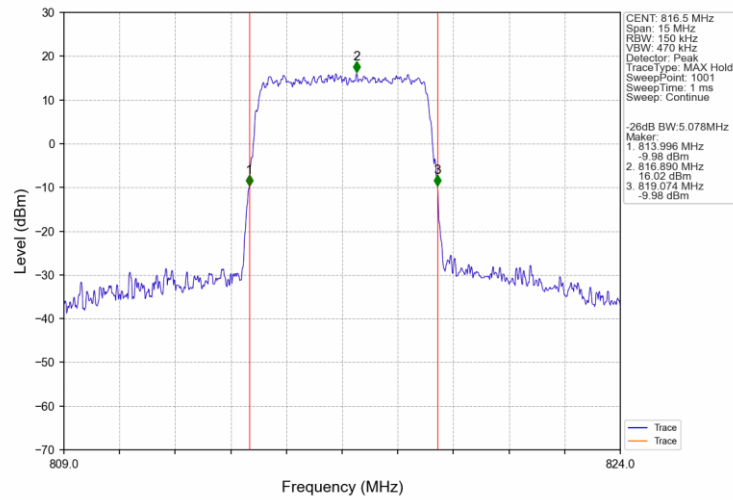
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



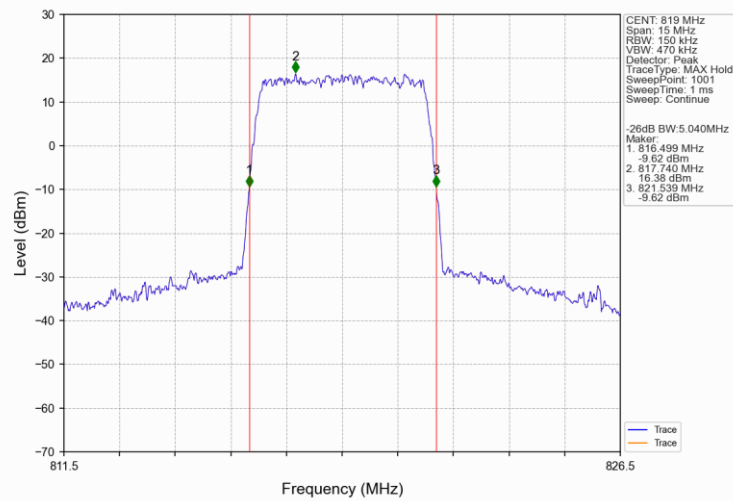
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



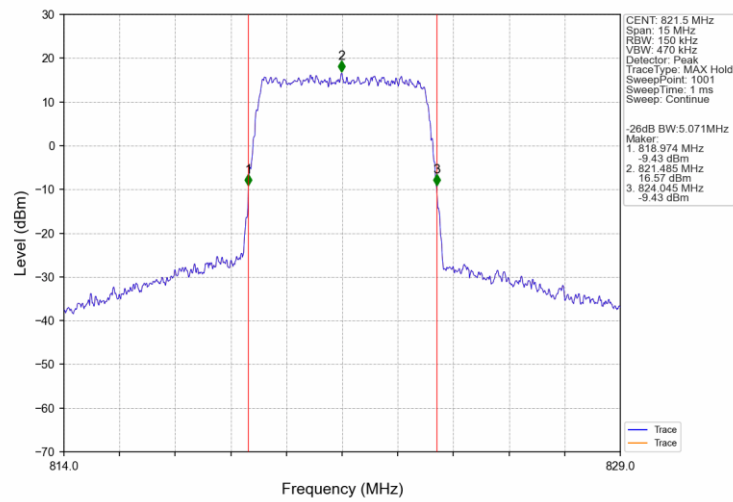
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



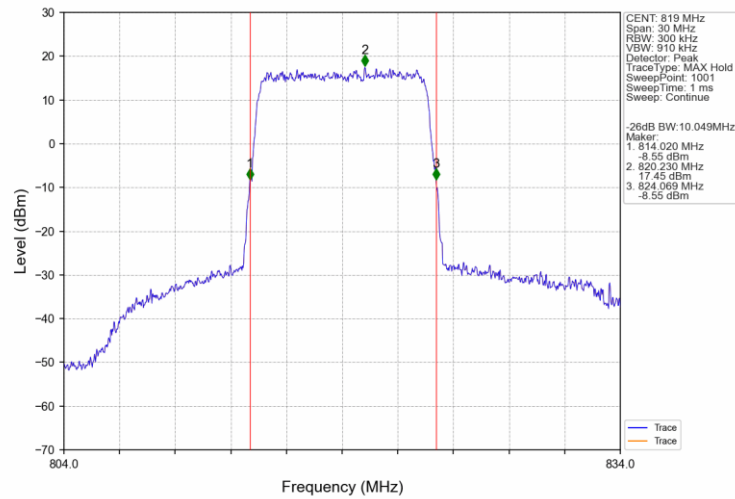
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



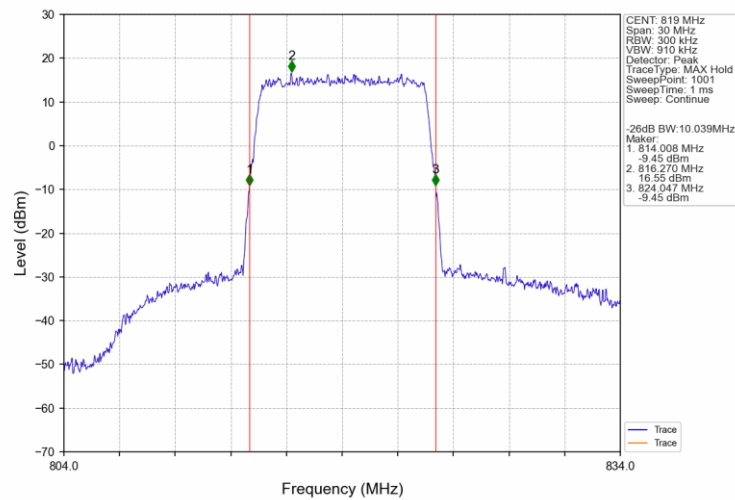
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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	5.76	<=13	Pass
	819	6	0	5.80	<=13	Pass
	823.3	6	0	5.99	<=13	Pass
16QAM	814.7	6	0	6.41	<=13	Pass
	819	6	0	6.55	<=13	Pass
	823.3	6	0	6.74	<=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	5.81	<=13	Pass
	819	15	0	5.82	<=13	Pass
	822.5	15	0	5.90	<=13	Pass
16QAM	815.5	15	0	6.47	<=13	Pass
	819	15	0	6.65	<=13	Pass
	822.5	15	0	6.66	<=13	Pass

5.1.3 B26a_5MHz

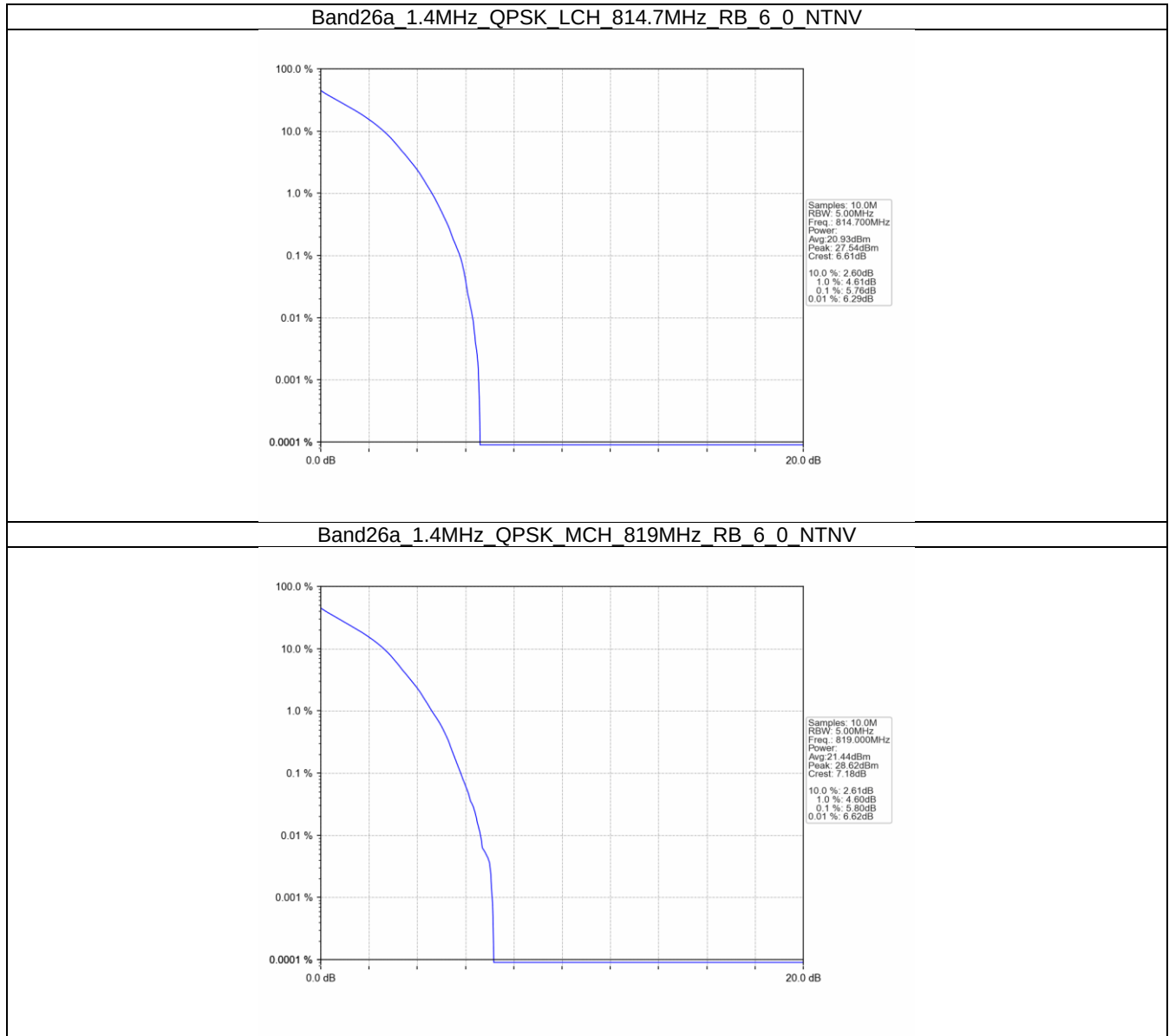
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.80	<=13	Pass
	819	25	0	5.76	<=13	Pass
	821.5	25	0	5.88	<=13	Pass
16QAM	816.5	25	0	6.47	<=13	Pass
	819	25	0	6.48	<=13	Pass
	821.5	25	0	6.63	<=13	Pass

5.1.4 B26a_10MHz

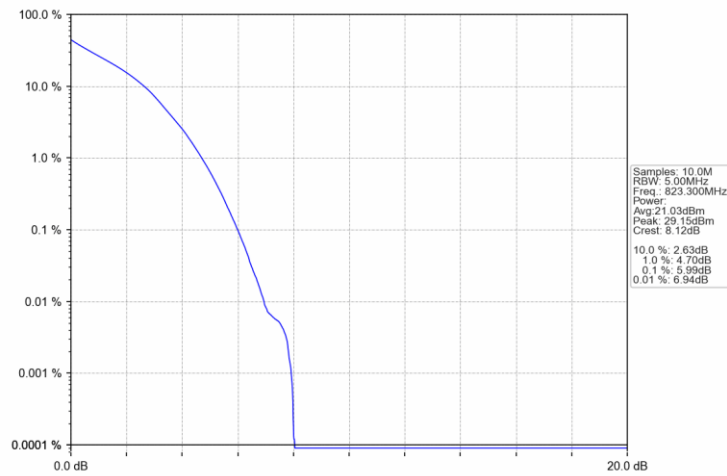
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.76	<=13	Pass
16QAM	819	50	0	6.48	<=13	Pass

5.2 Test Graph

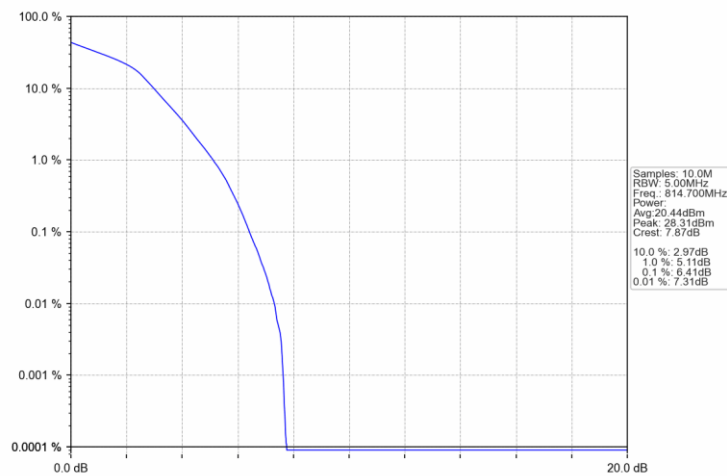
5.2.1 B26a_1.4MHz



Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN

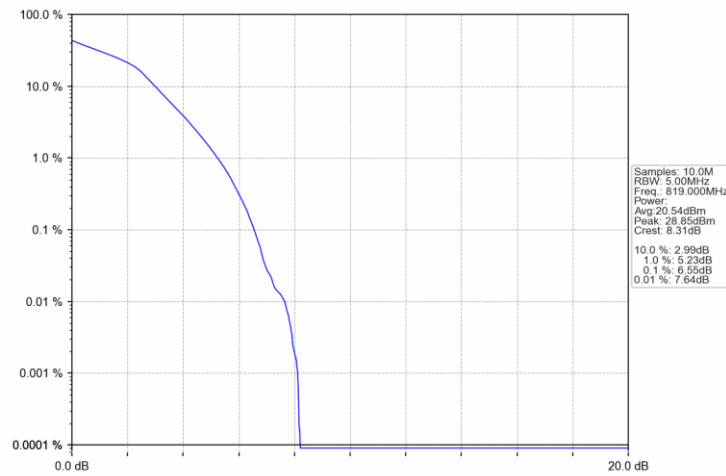


Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN

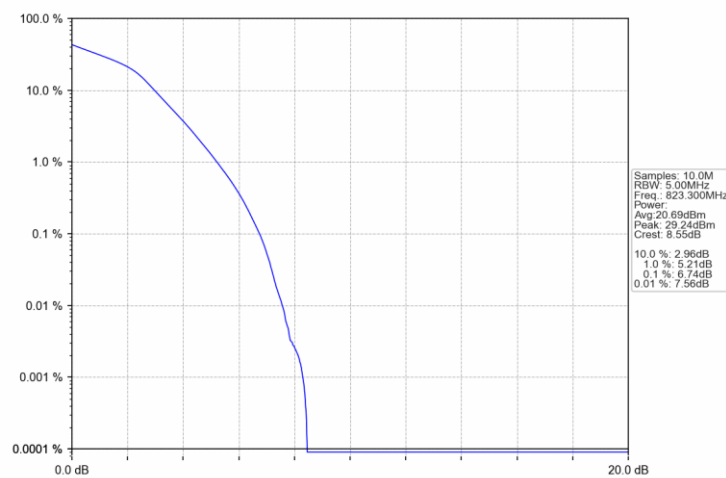




Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV

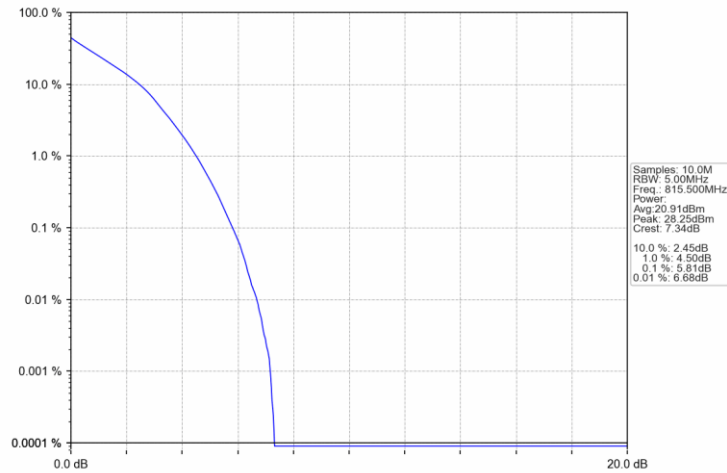


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

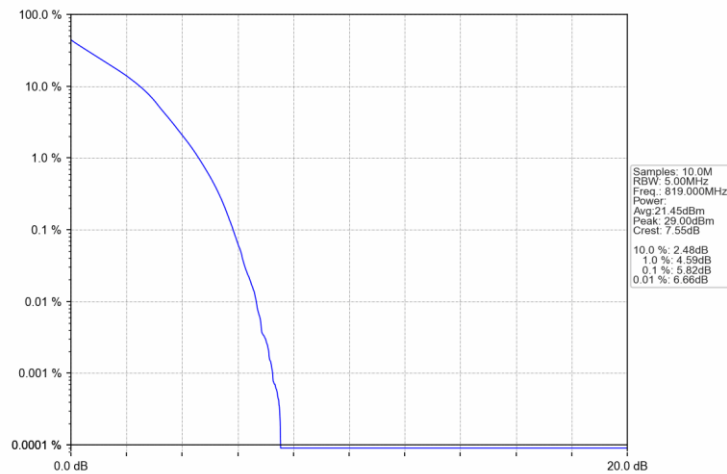


5.2.2 B26a_3MHz

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

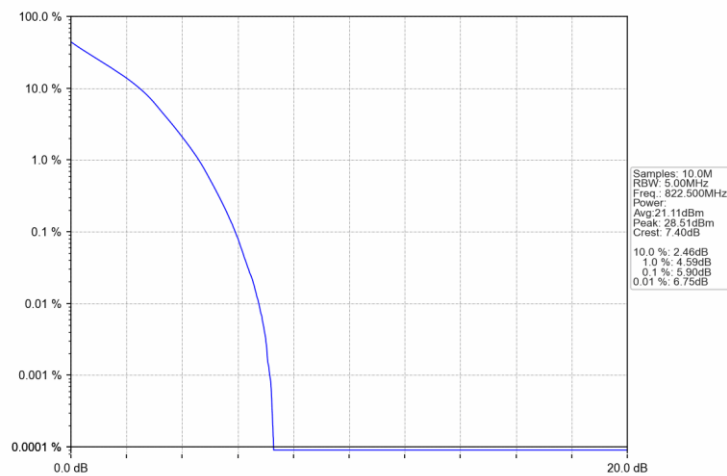


Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV

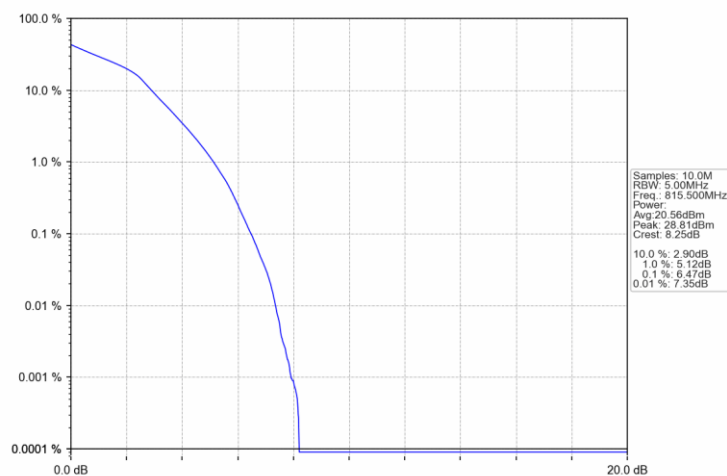




Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV

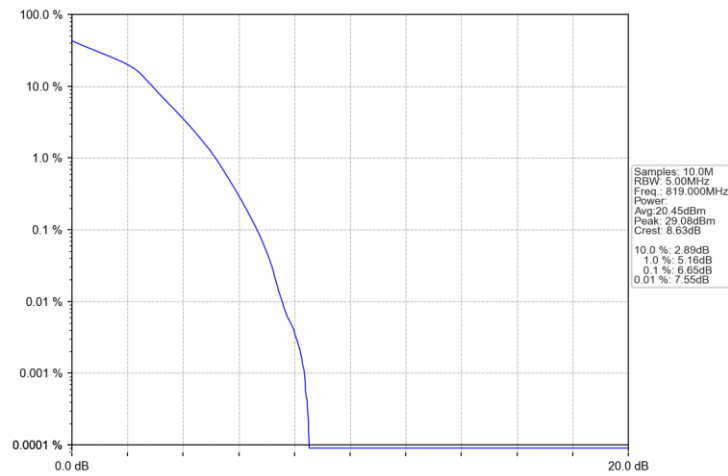


Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

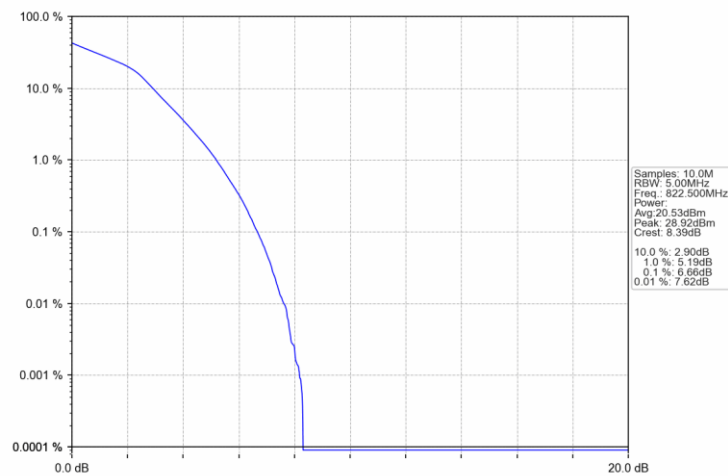




Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

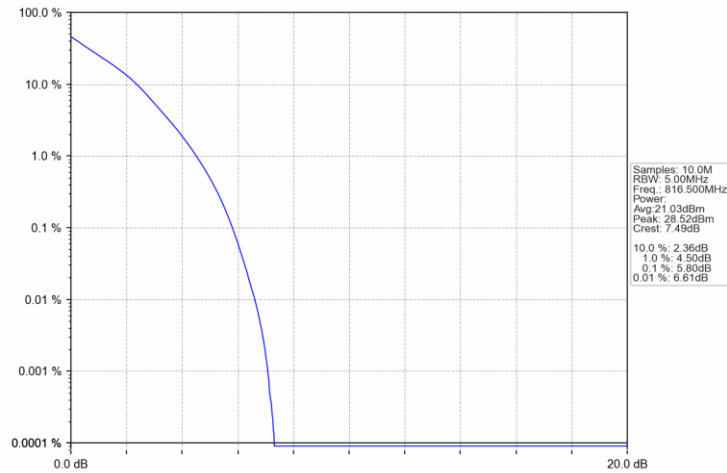


Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



5.2.3 B26a_5MHz

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV

