

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	23.12	-4.27	16.70	<=50	Pass
			2	23.22	-4.27	16.80	<=50	Pass
			5	23.07	-4.27	16.65	<=50	Pass
		3	0	23.22	-4.27	16.80	<=50	Pass
			2	23.24	-4.27	16.82	<=50	Pass
			3	23.22	-4.27	16.80	<=50	Pass
		6	0	22.08	-4.27	15.66	<=50	Pass
	819	1	0	23.06	-4.27	16.64	<=50	Pass
			2	23.10	-4.27	16.68	<=50	Pass
			5	23.02	-4.27	16.60	<=50	Pass
		3	0	23.22	-4.27	16.80	<=50	Pass
			2	23.18	-4.27	16.76	<=50	Pass
			3	23.21	-4.27	16.79	<=50	Pass
		6	0	22.06	-4.27	15.64	<=50	Pass
	823.3	1	0	22.98	-4.27	16.56	<=50	Pass
			2	23.06	-4.27	16.64	<=50	Pass
			5	23.00	-4.27	16.58	<=50	Pass
		3	0	23.16	-4.27	16.74	<=50	Pass
			2	23.15	-4.27	16.73	<=50	Pass
			3	23.14	-4.27	16.72	<=50	Pass
		6	0	22.02	-4.27	15.60	<=50	Pass
16QAM	814.7	1	0	22.13	-4.27	15.71	<=50	Pass
			2	22.15	-4.27	15.73	<=50	Pass
			5	22.12	-4.27	15.70	<=50	Pass
		3	0	22.39	-4.27	15.97	<=50	Pass
			2	22.18	-4.27	15.76	<=50	Pass
			3	22.27	-4.27	15.85	<=50	Pass
		6	0	21.16	-4.27	14.74	<=50	Pass
	819	1	0	22.26	-4.27	15.84	<=50	Pass
			2	22.18	-4.27	15.76	<=50	Pass
			5	22.07	-4.27	15.65	<=50	Pass
		3	0	22.20	-4.27	15.78	<=50	Pass
			2	22.26	-4.27	15.84	<=50	Pass
			3	22.42	-4.27	16.00	<=50	Pass
		6	0	21.14	-4.27	14.72	<=50	Pass
	823.3	1	0	22.10	-4.27	15.68	<=50	Pass
			2	22.15	-4.27	15.73	<=50	Pass
			5	22.19	-4.27	15.77	<=50	Pass
		3	0	22.40	-4.27	15.98	<=50	Pass
			2	22.17	-4.27	15.75	<=50	Pass
			3	22.24	-4.27	15.82	<=50	Pass
		6	0	21.16	-4.27	14.74	<=50	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B26a_3MHz_ERP

Band: 26a / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	815.5	1	0	23.14	-4.27	16.72	<=50	Pass
			7	23.27	-4.27	16.85	<=50	Pass
			14	23.07	-4.27	16.65	<=50	Pass
		8	0	22.10	-4.27	15.68	<=50	Pass
			4	22.12	-4.27	15.70	<=50	Pass
			7	22.11	-4.27	15.69	<=50	Pass
		15	0	22.09	-4.27	15.67	<=50	Pass
	819	1	0	23.12	-4.27	16.70	<=50	Pass
			7	23.20	-4.27	16.78	<=50	Pass
			14	23.01	-4.27	16.59	<=50	Pass
		8	0	22.09	-4.27	15.67	<=50	Pass
			4	22.09	-4.27	15.67	<=50	Pass
			7	22.06	-4.27	15.64	<=50	Pass
		15	0	22.12	-4.27	15.70	<=50	Pass
	822.5	1	0	22.99	-4.27	16.57	<=50	Pass
			7	23.20	-4.27	16.78	<=50	Pass
			14	23.14	-4.27	16.72	<=50	Pass
		8	0	22.04	-4.27	15.62	<=50	Pass
			4	22.08	-4.27	15.66	<=50	Pass
			7	22.06	-4.27	15.64	<=50	Pass
		15	0	22.10	-4.27	15.68	<=50	Pass
16QAM	815.5	1	0	22.71	-4.27	16.29	<=50	Pass
			7	22.46	-4.27	16.04	<=50	Pass
			14	22.17	-4.27	15.75	<=50	Pass
		8	0	21.28	-4.27	14.86	<=50	Pass
			4	21.18	-4.27	14.76	<=50	Pass
			7	21.27	-4.27	14.85	<=50	Pass
		15	0	21.26	-4.27	14.84	<=50	Pass
	819	1	0	22.18	-4.27	15.76	<=50	Pass
			7	22.86	-4.27	16.44	<=50	Pass
			14	22.33	-4.27	15.91	<=50	Pass
		8	0	21.28	-4.27	14.86	<=50	Pass
			4	21.40	-4.27	14.98	<=50	Pass
			7	21.13	-4.27	14.71	<=50	Pass
		15	0	21.29	-4.27	14.87	<=50	Pass
	822.5	1	0	22.30	-4.27	15.88	<=50	Pass
			7	22.28	-4.27	15.86	<=50	Pass
			14	22.71	-4.27	16.29	<=50	Pass
		8	0	21.16	-4.27	14.74	<=50	Pass
			4	21.24	-4.27	14.82	<=50	Pass
			7	21.32	-4.27	14.90	<=50	Pass
		15	0	21.18	-4.27	14.76	<=50	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	816.5	1	0	22.96	-4.27	16.54	<=50	Pass
			13	23.14	-4.27	16.72	<=50	Pass
			24	22.99	-4.27	16.57	<=50	Pass
		12	0	22.05	-4.27	15.63	<=50	Pass
			6	22.14	-4.27	15.72	<=50	Pass
			13	22.04	-4.27	15.62	<=50	Pass
		25	0	22.07	-4.27	15.65	<=50	Pass
	819	1	0	23.00	-4.27	16.58	<=50	Pass
			13	23.11	-4.27	16.69	<=50	Pass
			24	22.98	-4.27	16.56	<=50	Pass
		12	0	22.11	-4.27	15.69	<=50	Pass
			6	22.11	-4.27	15.69	<=50	Pass
			13	21.96	-4.27	15.54	<=50	Pass
		25	0	22.06	-4.27	15.64	<=50	Pass
	821.5	1	0	22.95	-4.27	16.53	<=50	Pass
			13	23.05	-4.27	16.63	<=50	Pass
			24	22.96	-4.27	16.54	<=50	Pass
		12	0	22.16	-4.27	15.74	<=50	Pass
			6	22.09	-4.27	15.67	<=50	Pass
			13	21.98	-4.27	15.56	<=50	Pass
		25	0	22.07	-4.27	15.65	<=50	Pass
16QAM	816.5	1	0	21.86	-4.27	15.44	<=50	Pass
			13	22.43	-4.27	16.01	<=50	Pass
			24	22.12	-4.27	15.70	<=50	Pass
		12	0	21.11	-4.27	14.69	<=50	Pass
			6	21.26	-4.27	14.84	<=50	Pass
			13	21.06	-4.27	14.64	<=50	Pass
		25	0	21.14	-4.27	14.72	<=50	Pass
	819	1	0	22.13	-4.27	15.71	<=50	Pass
			13	21.98	-4.27	15.56	<=50	Pass
			24	22.28	-4.27	15.86	<=50	Pass
		12	0	21.17	-4.27	14.75	<=50	Pass
			6	21.22	-4.27	14.80	<=50	Pass
			13	21.08	-4.27	14.66	<=50	Pass
		25	0	21.19	-4.27	14.77	<=50	Pass
	821.5	1	0	22.25	-4.27	15.83	<=50	Pass
			13	22.20	-4.27	15.78	<=50	Pass
			24	21.84	-4.27	15.42	<=50	Pass
		12	0	21.26	-4.27	14.84	<=50	Pass
			6	21.19	-4.27	14.77	<=50	Pass
			13	21.03	-4.27	14.61	<=50	Pass
		25	0	21.18	-4.27	14.76	<=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	22.99	-4.27	16.57	<=50	Pass
			25	23.14	-4.27	16.72	<=50	Pass
			49	22.95	-4.27	16.53	<=50	Pass
		25	0	22.14	-4.27	15.72	<=50	Pass
			13	22.07	-4.27	15.65	<=50	Pass
			25	21.94	-4.27	15.52	<=50	Pass
		50	0	22.04	-4.27	15.62	<=50	Pass
			0	22.04	-4.27	15.62	<=50	Pass
			0	22.04	-4.27	15.62	<=50	Pass
16QAM	819	1	0	22.04	-4.27	15.62	<=50	Pass
			25	22.78	-4.27	16.36	<=50	Pass
			49	22.23	-4.27	15.81	<=50	Pass
		25	0	21.35	-4.27	14.93	<=50	Pass
			13	21.23	-4.27	14.81	<=50	Pass
			25	21.09	-4.27	14.67	<=50	Pass
		50	0	21.22	-4.27	14.80	<=50	Pass
			0	21.22	-4.27	14.80	<=50	Pass
			0	21.22	-4.27	14.80	<=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	-6.537	-0.0080	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0061	-2.5 to 2.5	Pass
					4.43	-1.001	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-9.398	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-5.708	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-8.411	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-10.757	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0075	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-0.916	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0051	-2.5 to 2.5	Pass
					4.43	-5.236	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-7.825	-0.0096	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.824	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-7.596	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0045	-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	-5.193	-0.0063	-2.5 to 2.5	Pass
					4.43	-8.054	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-5.093	-0.0062	-2.5 to 2.5	Pass

16QAM				-10	3.85	-8.183	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-7.467	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-11.086	-0.0135	-2.5 to 2.5	Pass
	814.7	6	0	50	3.85	-5.050	-0.0061	-2.5 to 2.5	Pass
				20	3.27	1.216	0.0015	-2.5 to 2.5	Pass
					3.85	-7.768	-0.0095	-2.5 to 2.5	Pass
					4.43	-7.610	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-14.720	-0.0181	-2.5 to 2.5	Pass
				-20	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-10.929	-0.0134	-2.5 to 2.5	Pass
				0	3.85	-10.958	-0.0135	-2.5 to 2.5	Pass
				10	3.85	-5.322	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-6.981	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-13.204	-0.0162	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-4.535	-0.0055	-2.5 to 2.5	Pass
					3.85	-5.164	-0.0063	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.220	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-2.646	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-15.192	-0.0185	-2.5 to 2.5	Pass
				40	3.85	-6.938	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-6.108	-0.0075	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-4.091	-0.0050	-2.5 to 2.5	Pass
					3.85	-7.825	-0.0095	-2.5 to 2.5	Pass
					4.43	-7.396	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-7.668	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-6.595	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-9.270	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-2.933	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.960	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0103	-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	-15.006	-0.0184	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0056	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-7.668	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-9.112	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-8.655	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-9.155	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-10.614	-0.0130	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-8.640	-0.0105	-2.5 to 2.5	Pass
					3.85	-4.663	-0.0057	-2.5 to 2.5	Pass

	822.5	15	0		4.43	-6.952	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-8.755	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-8.225	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-7.496	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-9.298	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-4.206	-0.0051	-2.5 to 2.5	Pass
				20	3.27	-6.266	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0065	-2.5 to 2.5	Pass
					4.43	-9.284	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-8.211	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-7.482	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-8.984	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-6.080	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-6.223	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-11.330	-0.0138	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	-3.648	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.795	-0.0083	-2.5 to 2.5	Pass
					4.43	-4.592	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-6.208	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-6.781	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-6.666	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-7.625	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-6.709	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-11.086	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-7.010	-0.0086	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-3.033	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.103	-0.0026	-2.5 to 2.5	Pass
					4.43	-11.330	-0.0138	-2.5 to 2.5	Pass
				-30	3.85	-11.272	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-4.778	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-8.469	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-7.453	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-5.379	-0.0066	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-5.937	-0.0072	-2.5 to 2.5	Pass
					3.85	-13.990	-0.0170	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-7.625	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-10.443	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-12.302	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-8.883	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-5.465	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-9.441	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-12.445	-0.0151	-2.5 to 2.5	Pass
				50	3.85	-7.381	-0.0090	-2.5 to 2.5	Pass

2.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	816.5	25	0	20	3.27	-11.029	-0.0135	-2.5 to 2.5	Pass
					3.85	-7.539	-0.0092	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-8.640	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.578	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0037	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-7.639	-0.0093	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0066	-2.5 to 2.5	Pass
					4.43	-4.249	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-6.509	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-6.037	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-1.602	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.107	-0.0062	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-5.021	-0.0061	-2.5 to 2.5	Pass
					3.85	-6.294	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-8.268	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-9.141	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-8.225	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-9.413	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0058	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.27	-4.363	-0.0053	-2.5 to 2.5	Pass
					3.85	-6.151	-0.0075	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-3.791	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-7.896	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-6.380	-0.0078	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	-8.140	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-9.456	-0.0116	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-4.549	-0.0056	-2.5 to 2.5	Pass
					3.85	-5.937	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.334	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-5.794	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-6.137	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-8.798	-0.0107	-2.5 to 2.5	Pass
				30	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0055	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-5.422	-0.0066	-2.5 to 2.5	Pass
					3.85	-10.414	-0.0127	-2.5 to 2.5	Pass
					4.43	-1.087	-0.0013	-2.5 to 2.5	Pass

				-30	3.85	-7.710	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-3.862	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-5.708	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-6.251	-0.0076	-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	-4.678	-0.0057	-2.5 to 2.5	Pass
					3.85	-4.148	-0.0051	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-7.753	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-5.980	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-3.877	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-5.150	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-1.845	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0060	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.27	-6.723	-0.0082	-2.5 to 2.5	Pass
					3.85	-10.285	-0.0126	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-7.682	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-3.390	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-4.535	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-6.309	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-6.137	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-4.292	-0.0052	-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	Pass
16QAM	819	15	0	Refer To Test Graph	Pass

3.1.3 B26a_5MHz

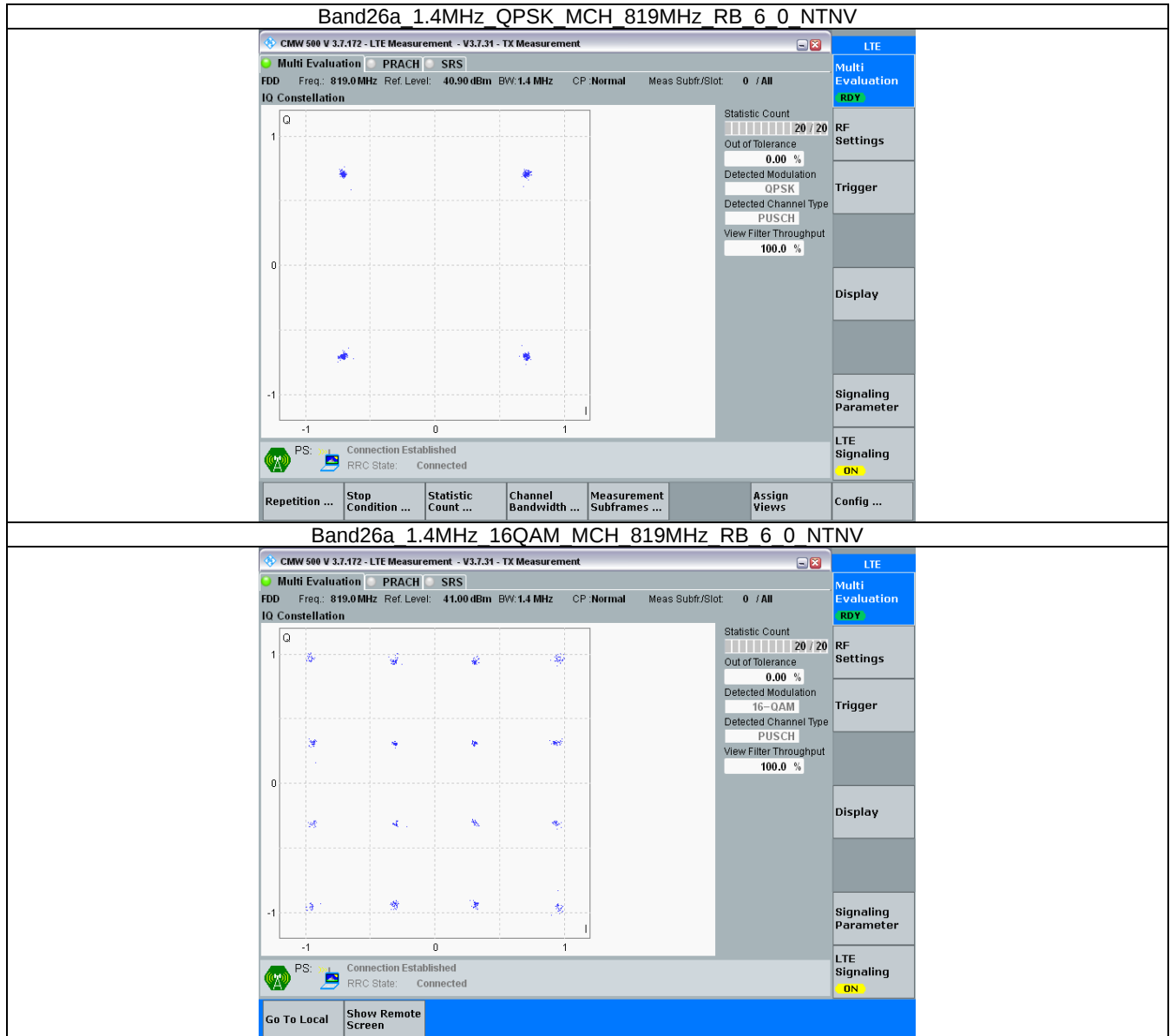
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

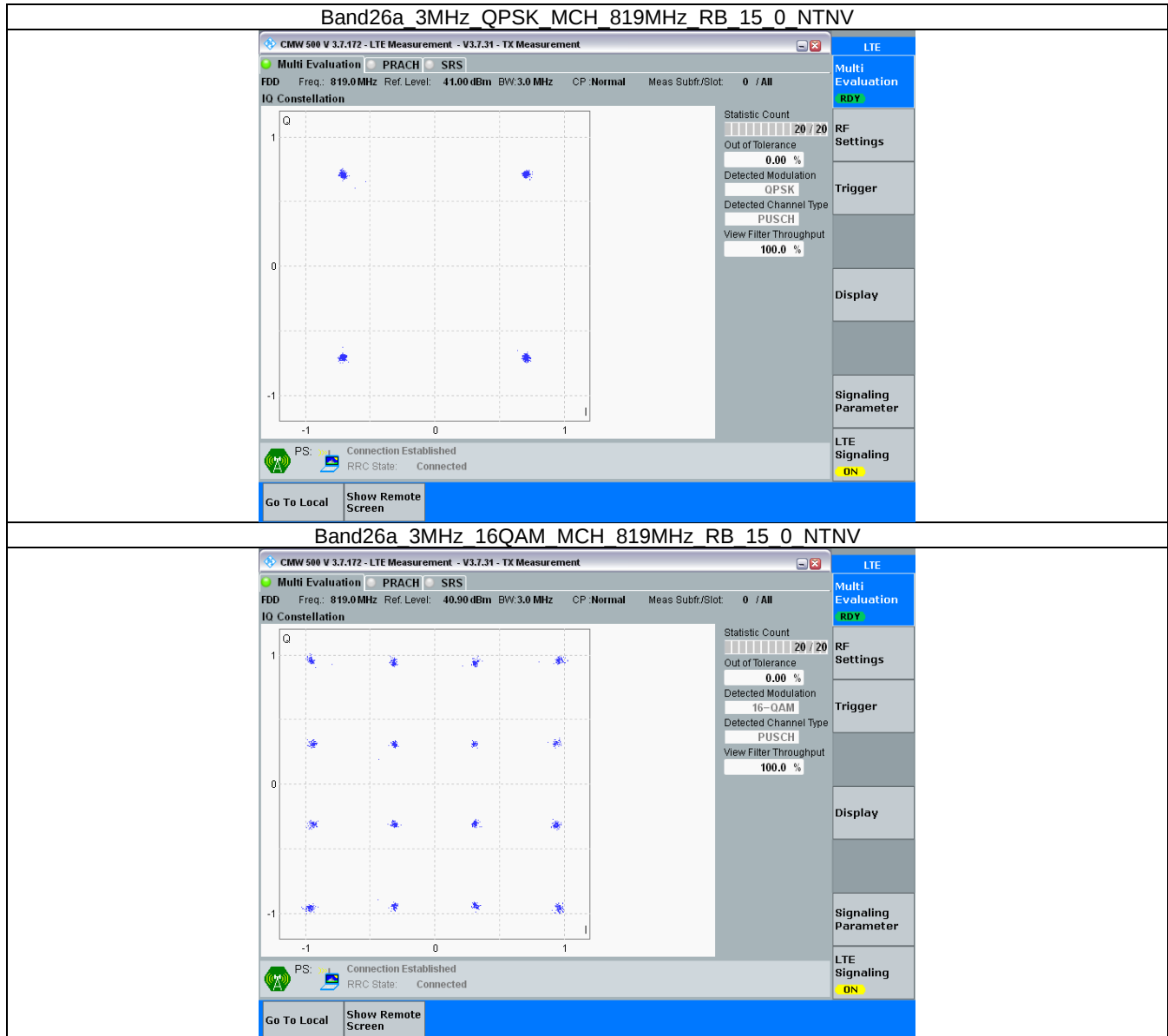
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

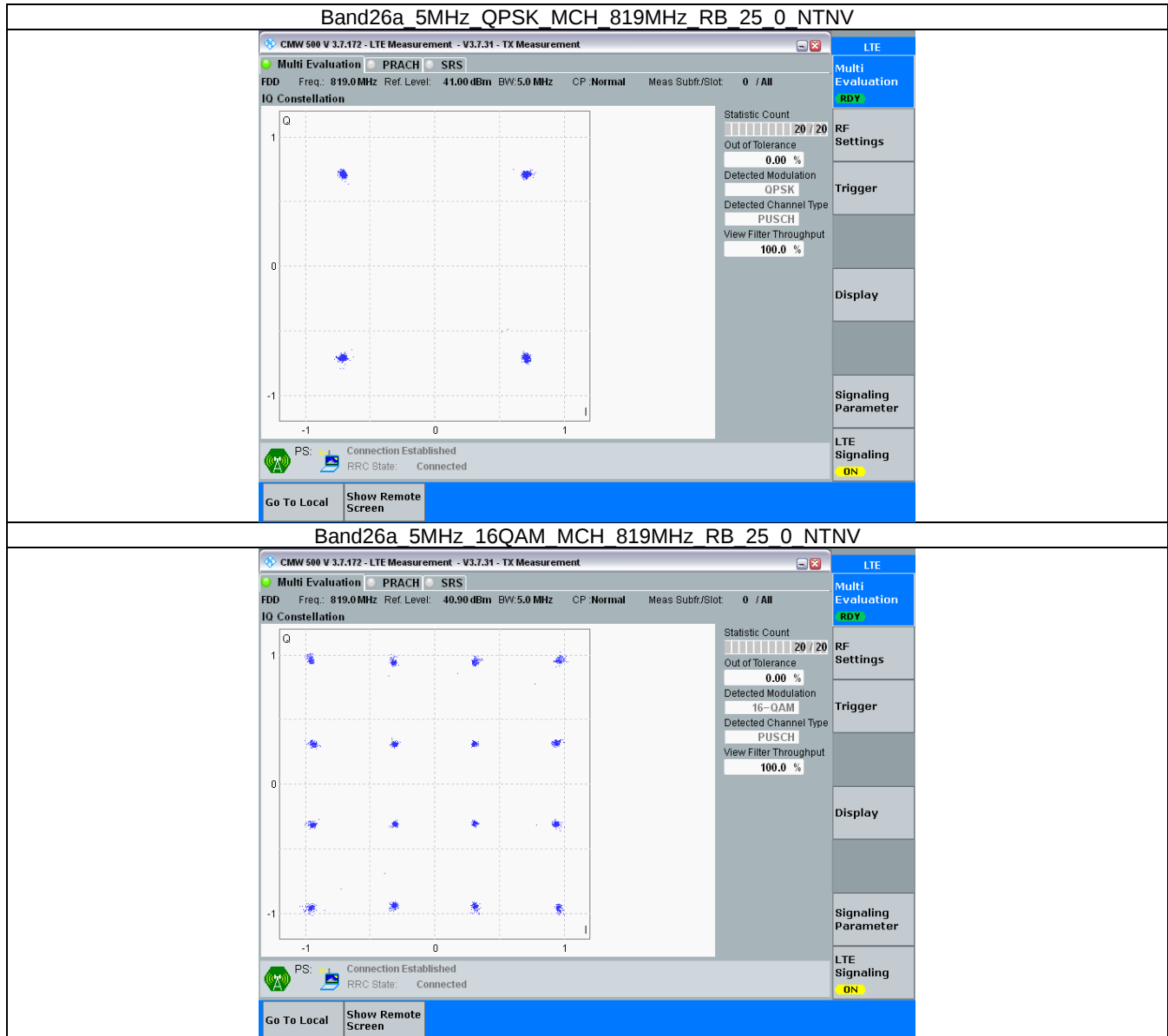
3.2.1 B26a_1.4MHz



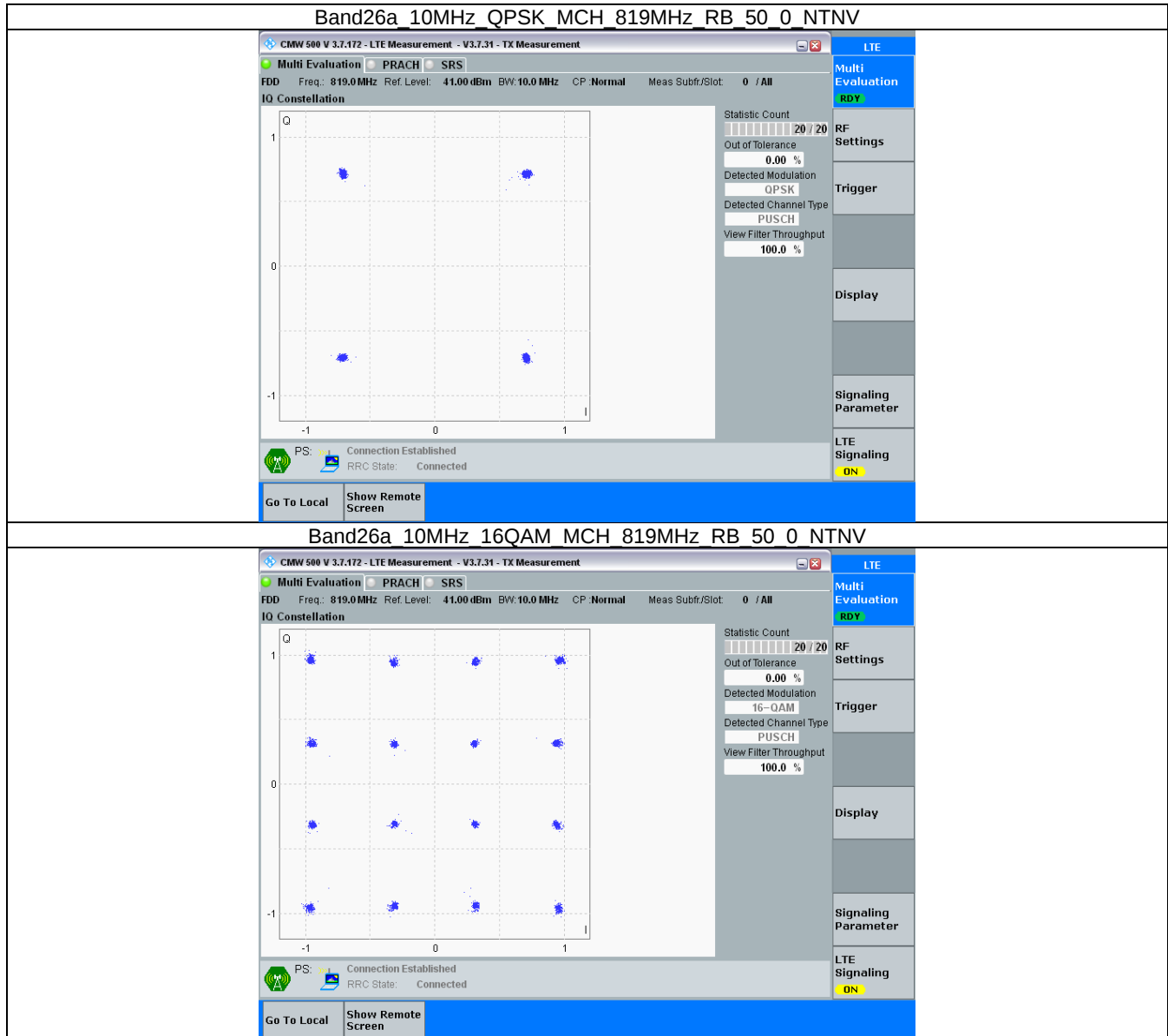
3.2.2 B26a_3MHz



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	1.114	/	Pass
		819	6	0	1.117	/	Pass
		823.3	6	0	1.105	/	Pass
	16QAM	814.7	6	0	1.118	/	Pass
		819	6	0	1.106	/	Pass
		823.3	6	0	1.107	/	Pass
3	QPSK	815.5	15	0	2.723	/	Pass
		819	15	0	2.736	/	Pass
		822.5	15	0	2.742	/	Pass
	16QAM	815.5	15	0	2.722	/	Pass
		819	15	0	2.713	/	Pass
		822.5	15	0	2.727	/	Pass
5	QPSK	816.5	25	0	4.542	/	Pass
		819	25	0	4.526	/	Pass
		821.5	25	0	4.549	/	Pass
	16QAM	816.5	25	0	4.518	/	Pass
		819	25	0	4.546	/	Pass
		821.5	25	0	4.576	/	Pass
10	QPSK	819	50	0	9.046	/	Pass
	16QAM	819	50	0	9.039	/	Pass

4.1.2 Band26a_XDB

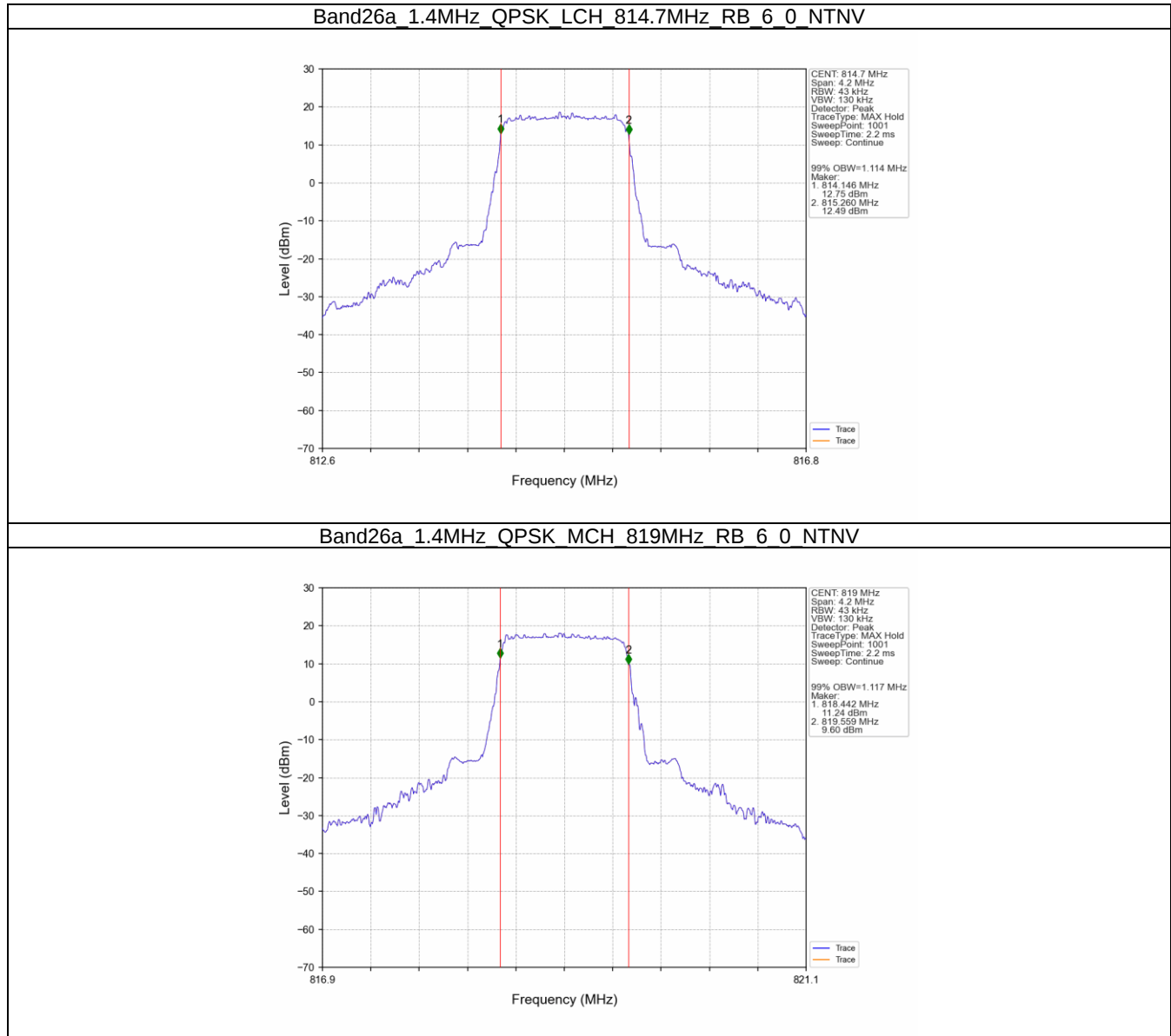
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.306	/	Pass
		819	6	0	1.346	/	Pass
		823.3	6	0	1.322	/	Pass
	16QAM	814.7	6	0	1.335	/	Pass
		819	6	0	1.308	/	Pass
		823.3	6	0	1.303	/	Pass
3	QPSK	815.5	15	0	2.990	/	Pass
		819	15	0	2.998	/	Pass
		822.5	15	0	2.998	/	Pass
	16QAM	815.5	15	0	2.999	/	Pass
		819	15	0	2.974	/	Pass
		822.5	15	0	3.009	/	Pass
5	QPSK	816.5	25	0	5.006	/	Pass
		819	25	0	5.015	/	Pass
		821.5	25	0	4.986	/	Pass
	16QAM	816.5	25	0	5.011	/	Pass
		819	25	0	5.037	/	Pass
		821.5	25	0	5.049	/	Pass
10	QPSK	819	50	0	9.899	/	Pass



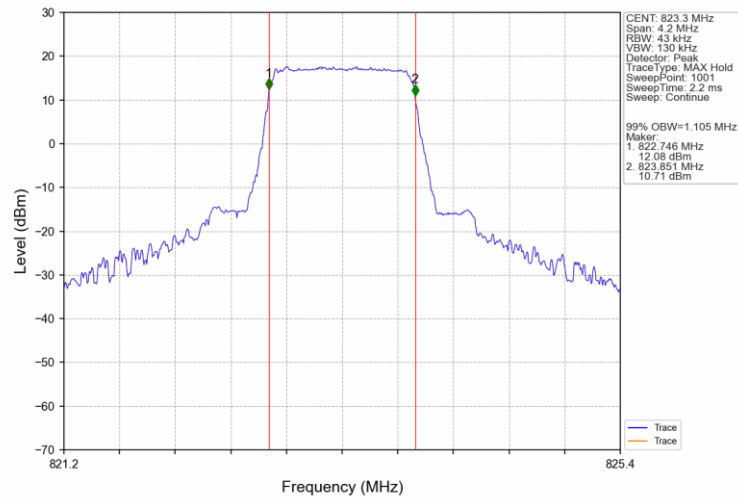
	16QAM	819	50	0	9.858	/	Pass
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4.2 Test Graph

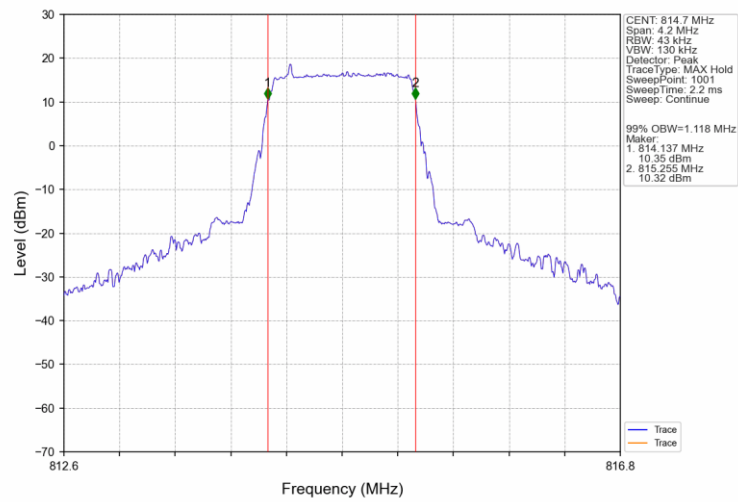
4.2.1 Band26a_OBW



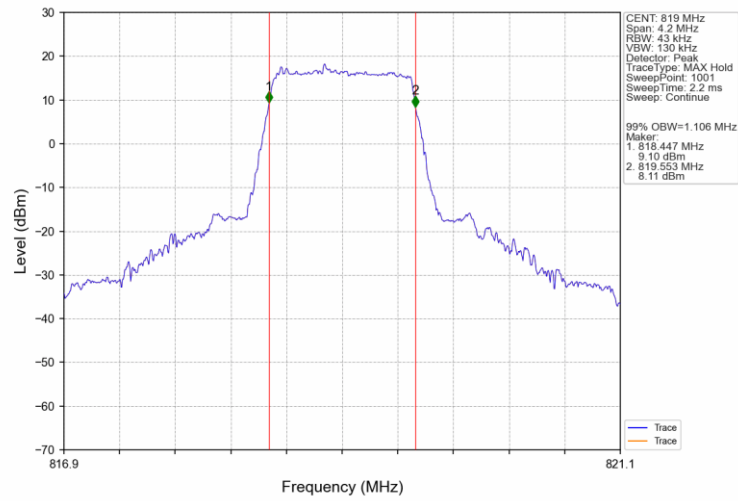
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



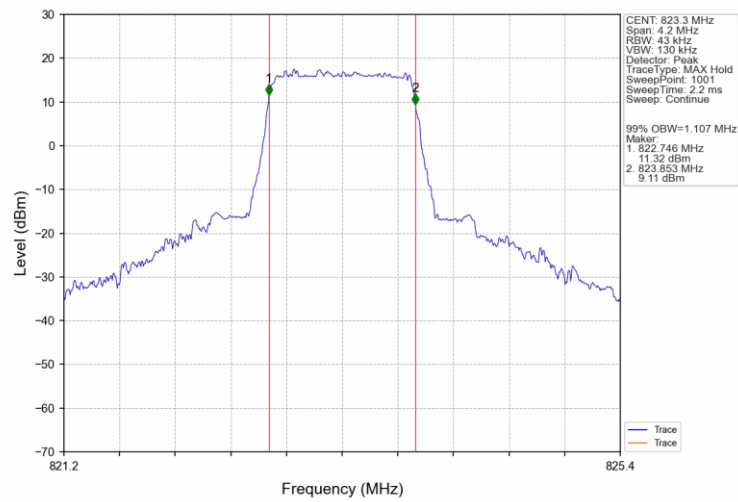
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



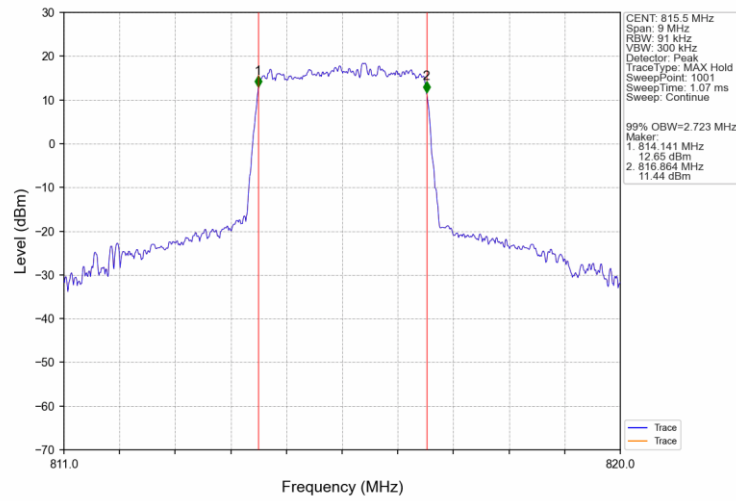
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



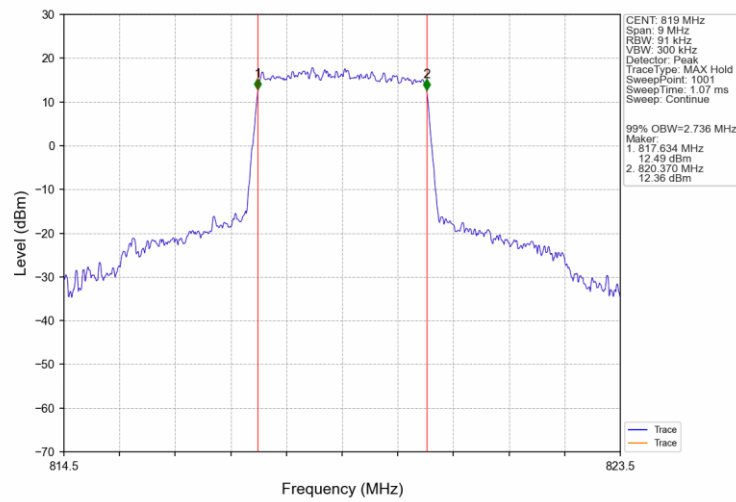
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



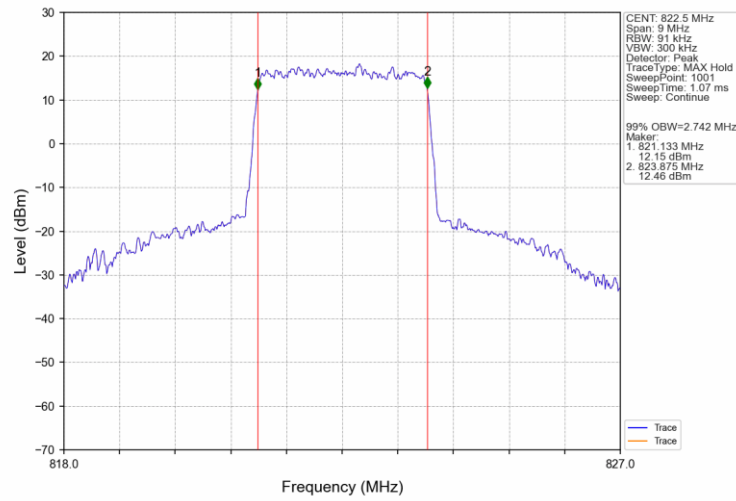
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



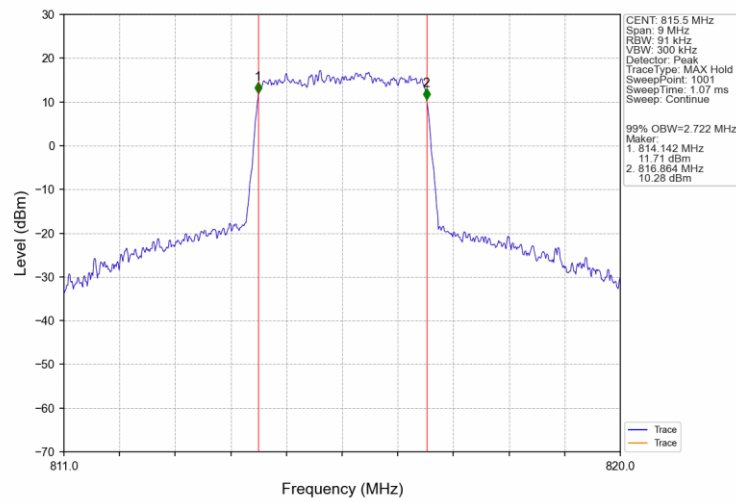
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



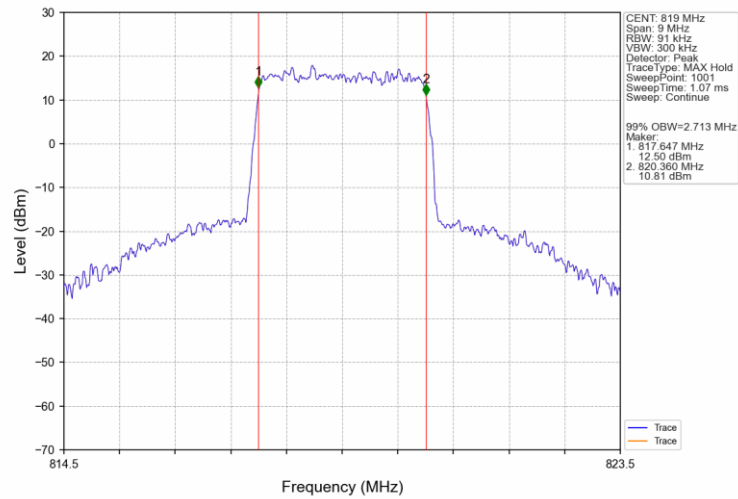
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



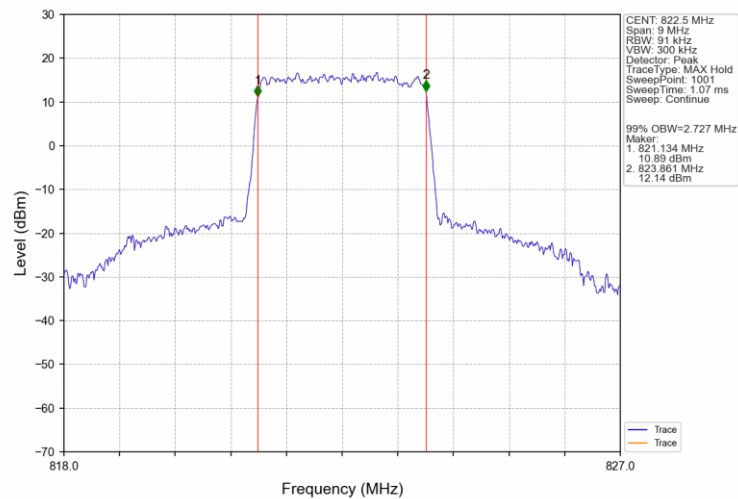
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



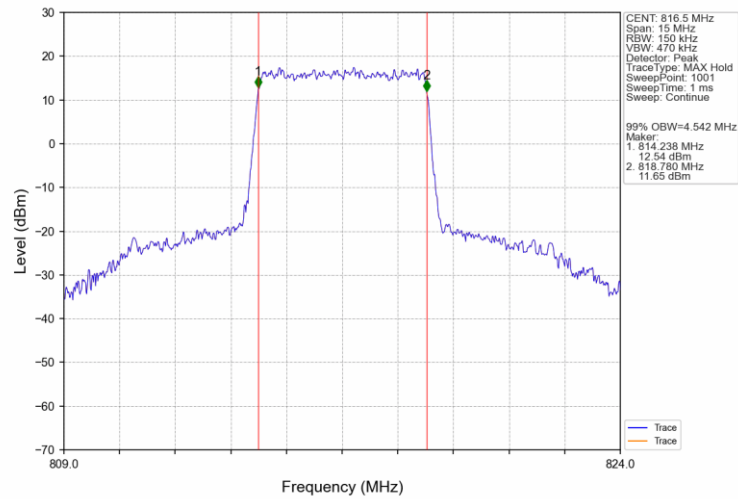
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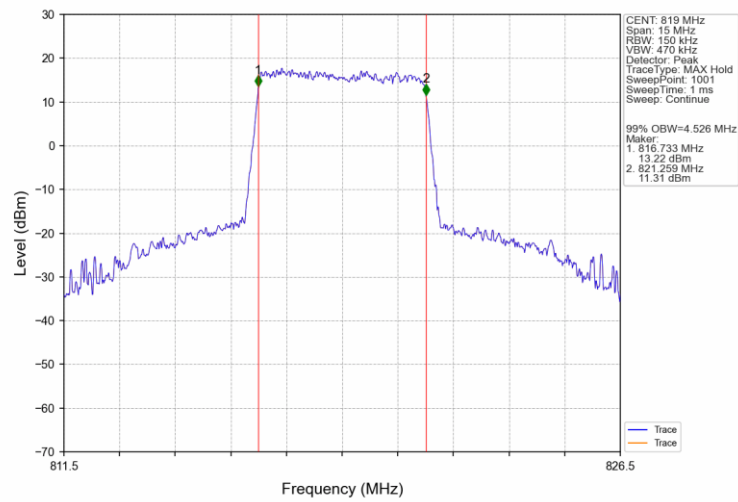
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



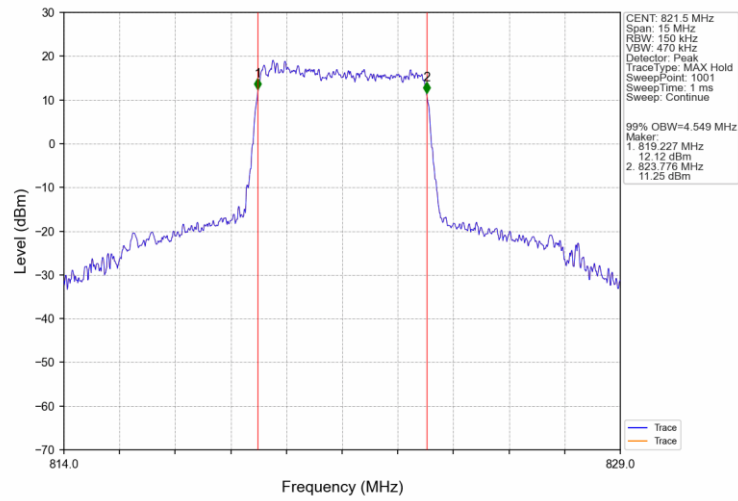
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



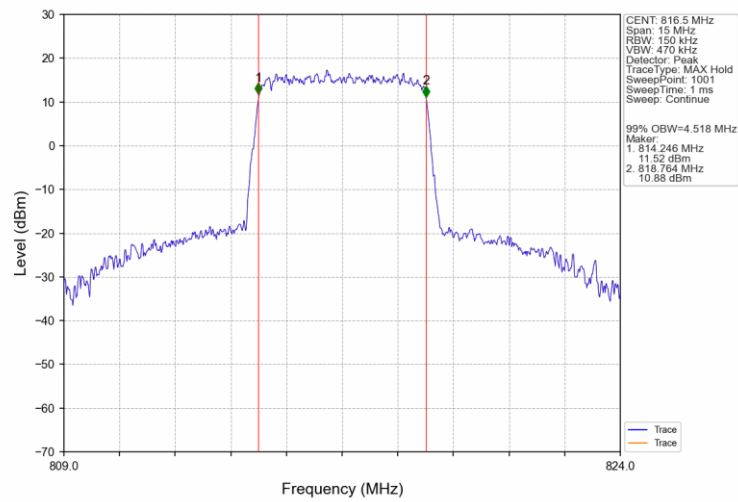
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



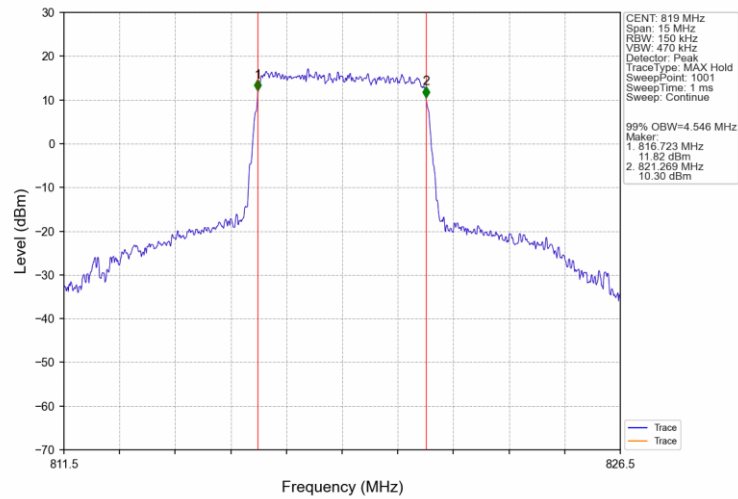
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



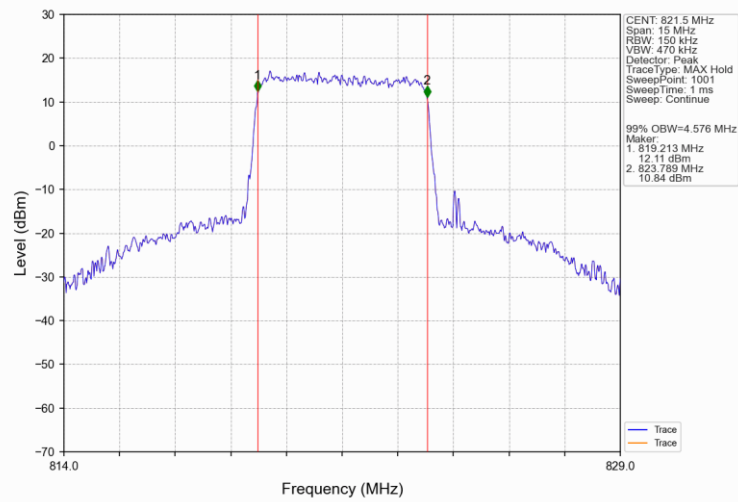
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



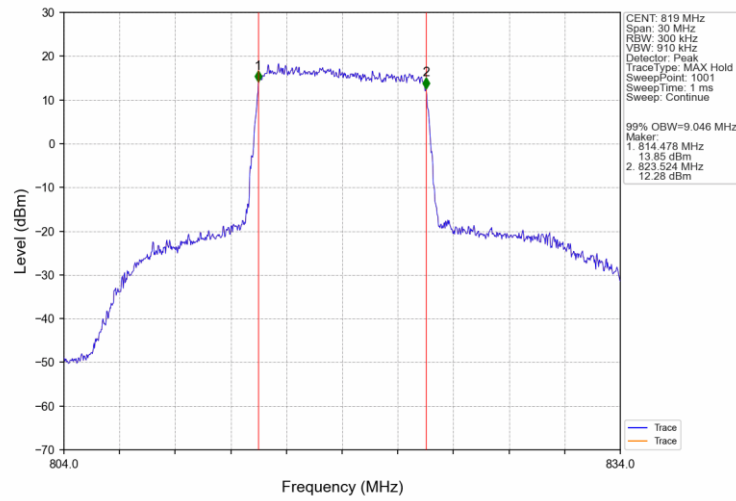
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



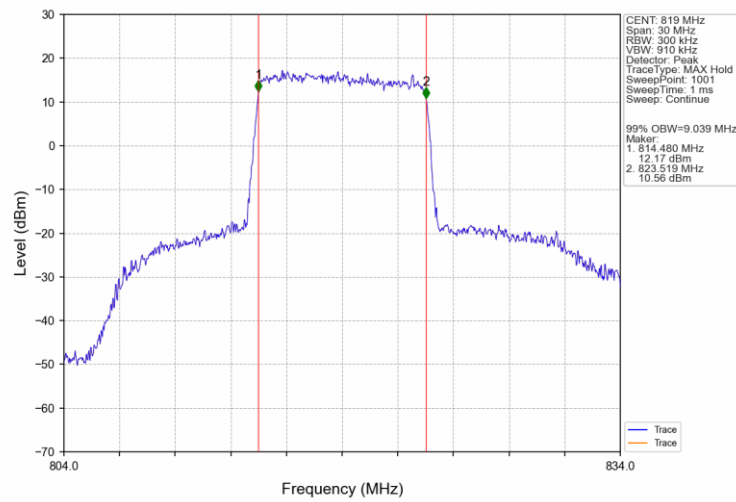
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



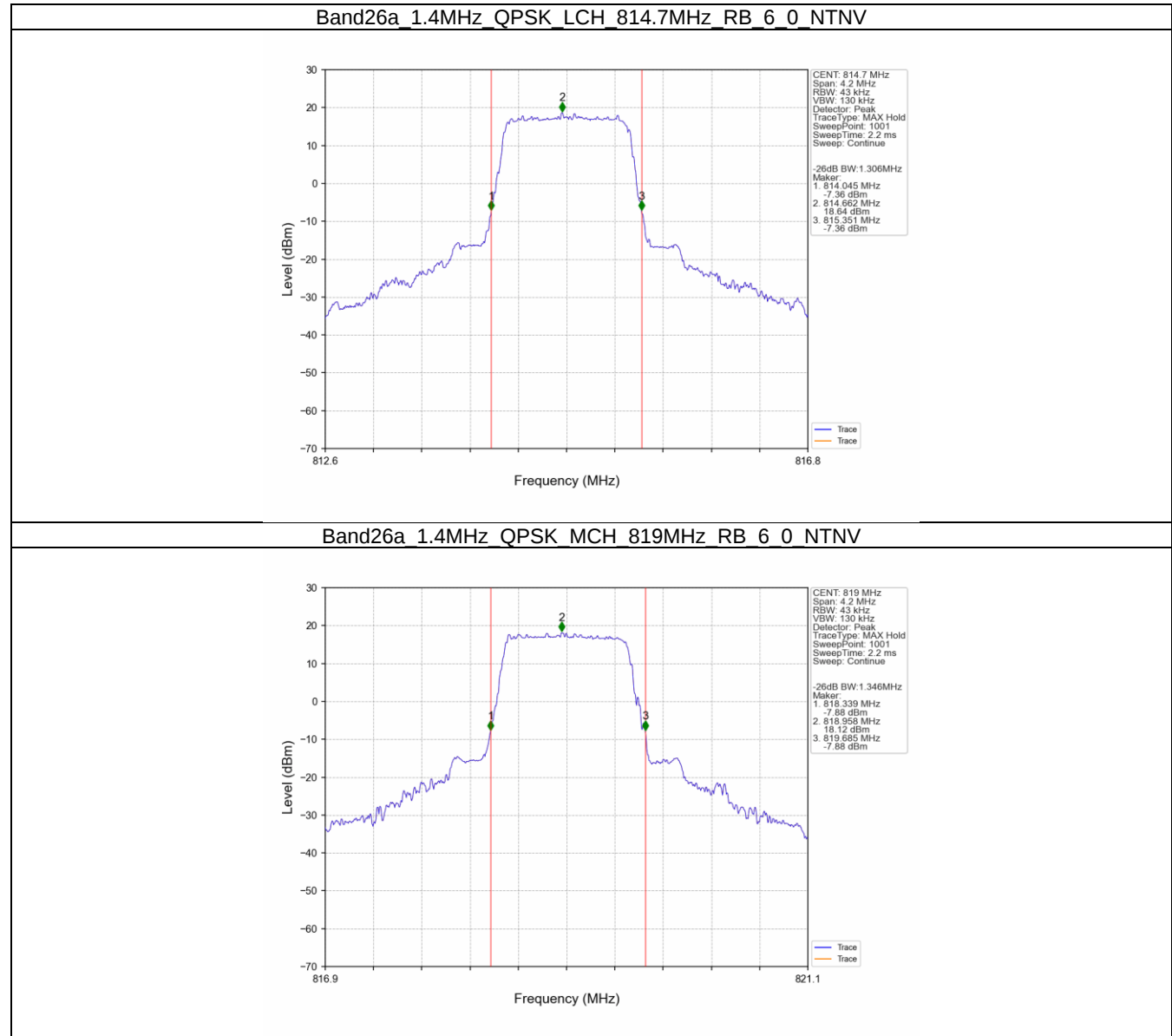
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



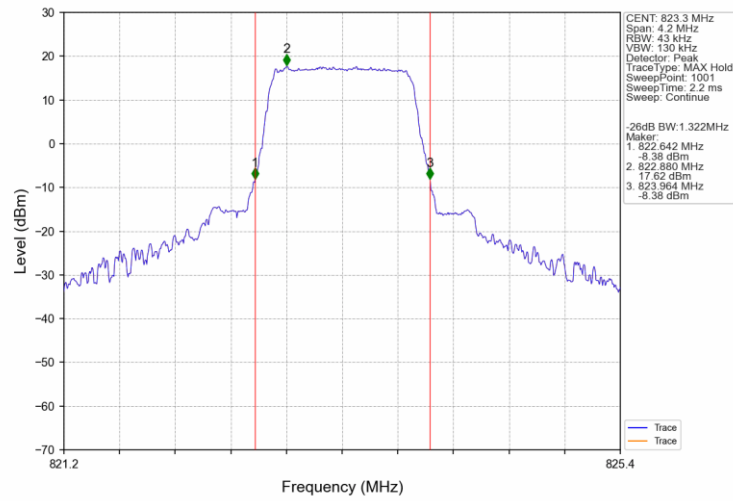
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



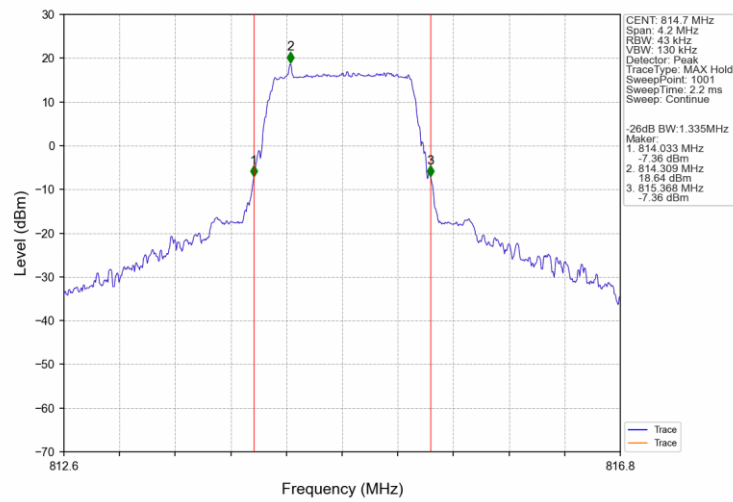
4.2.2 Band26a_XDB



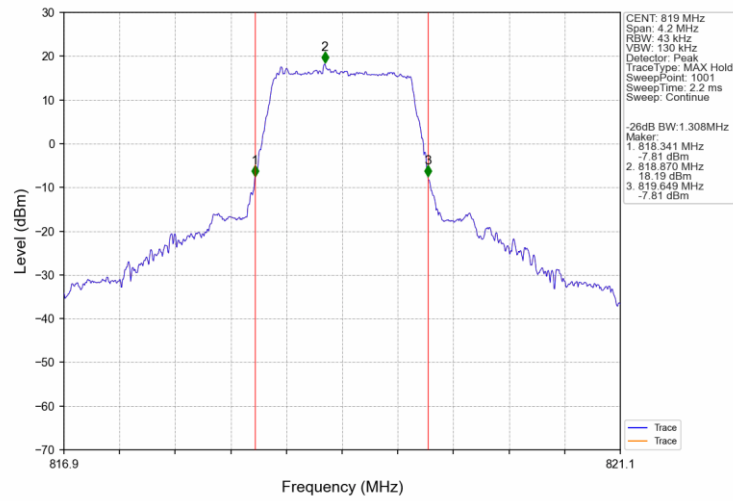
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



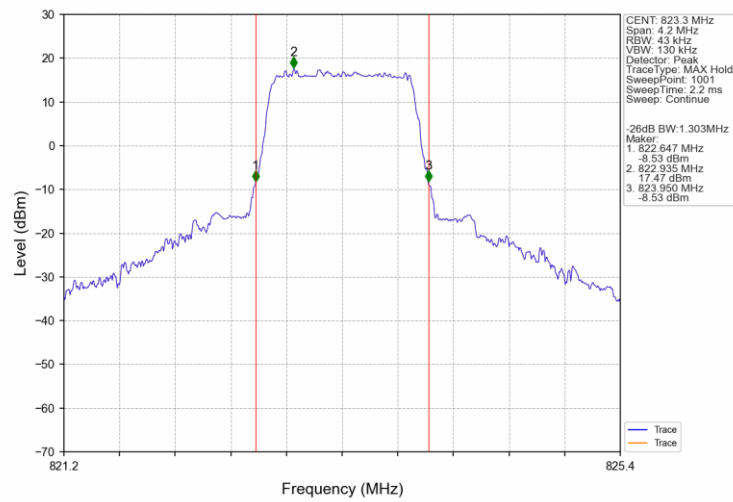
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



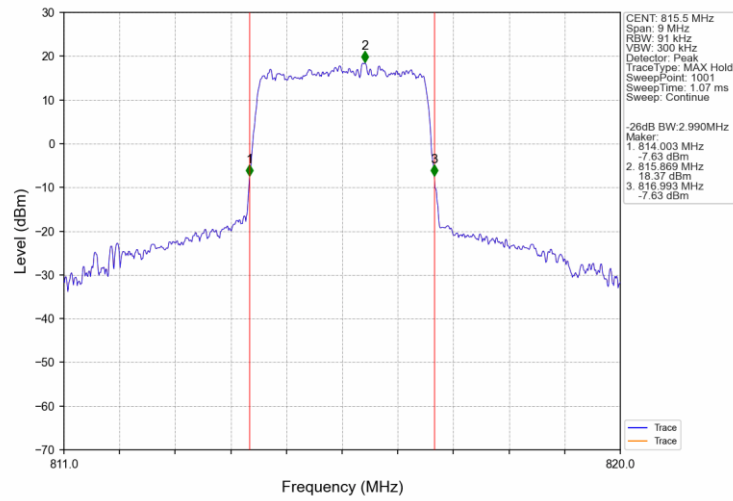
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



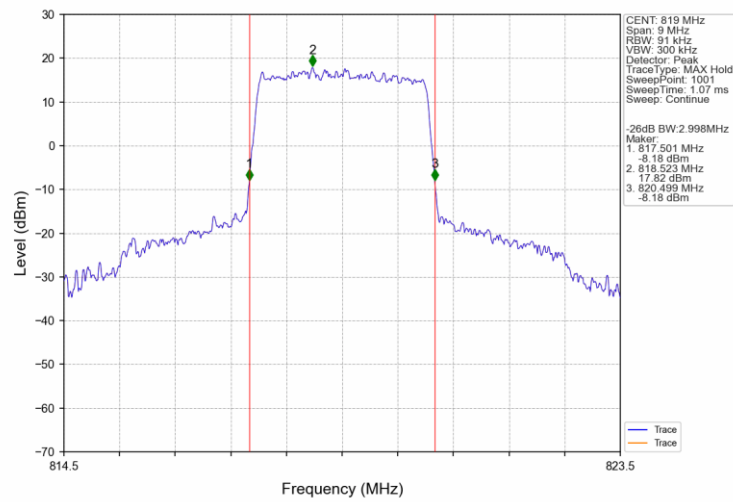
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



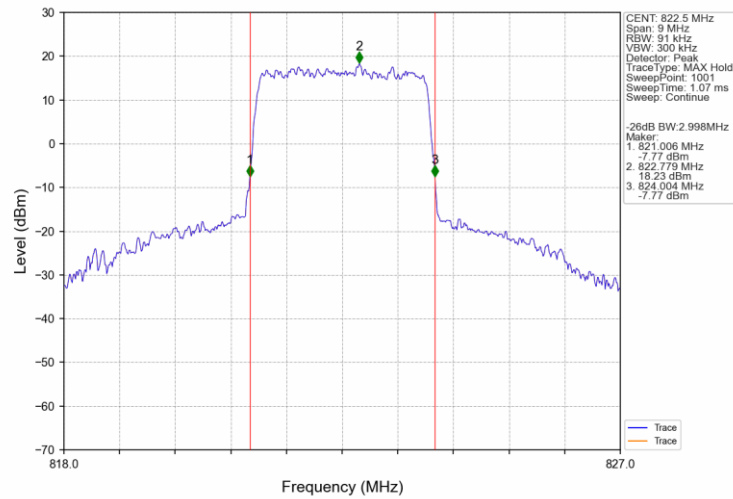
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



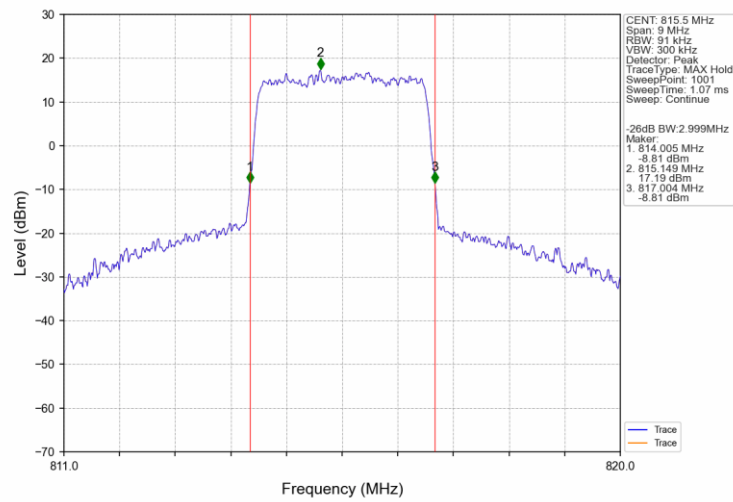
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



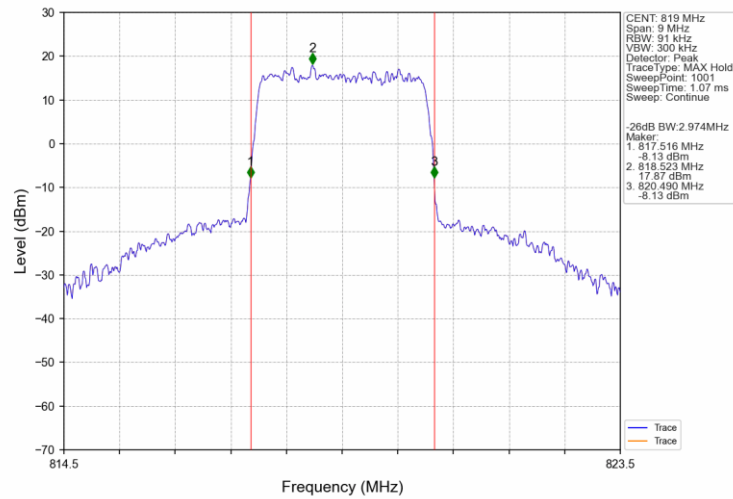
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



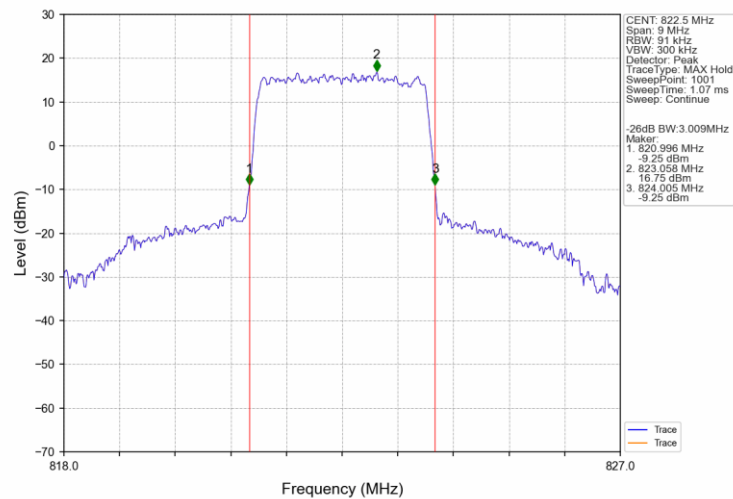
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



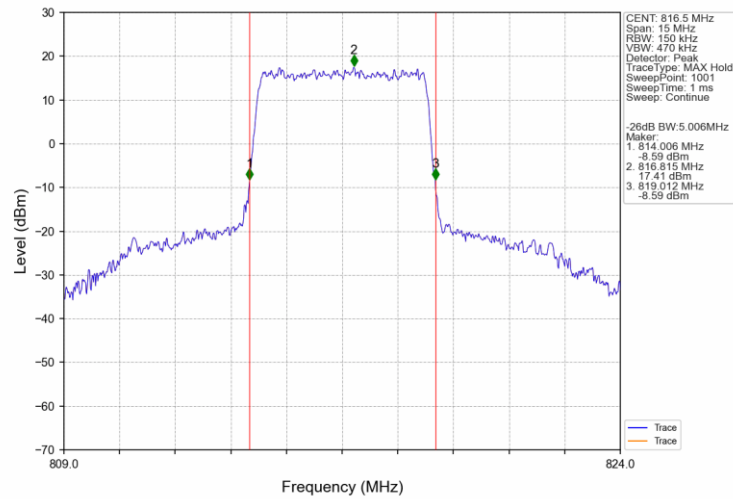
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



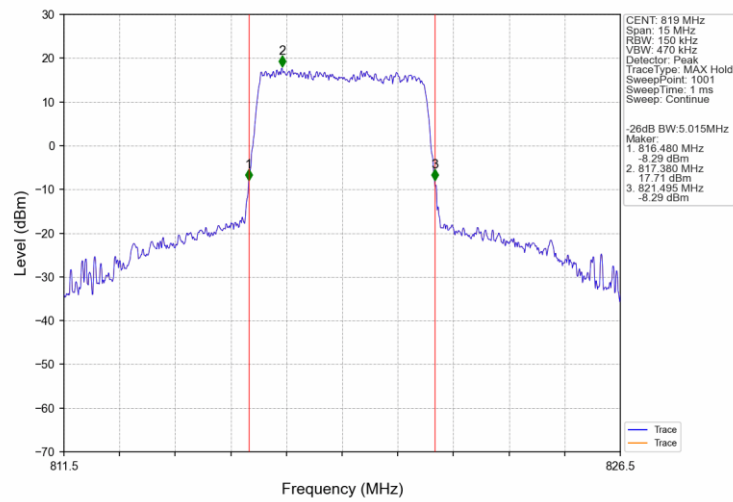
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



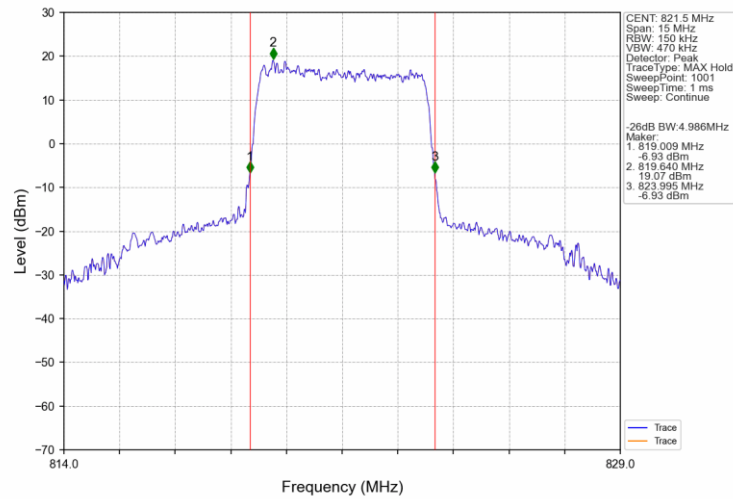
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



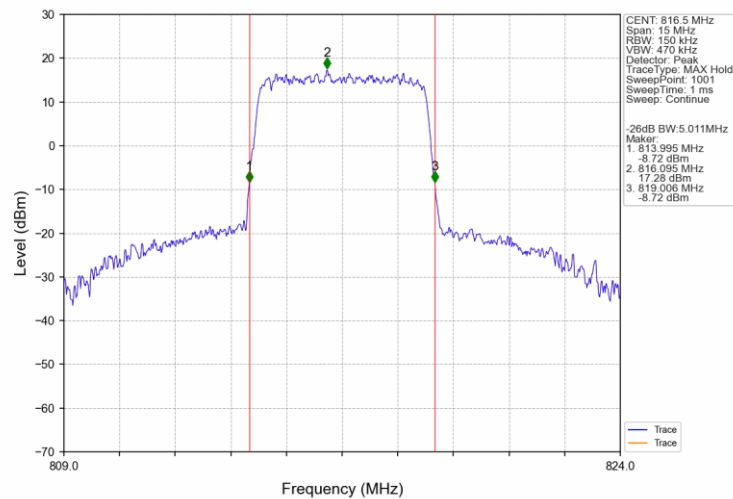
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



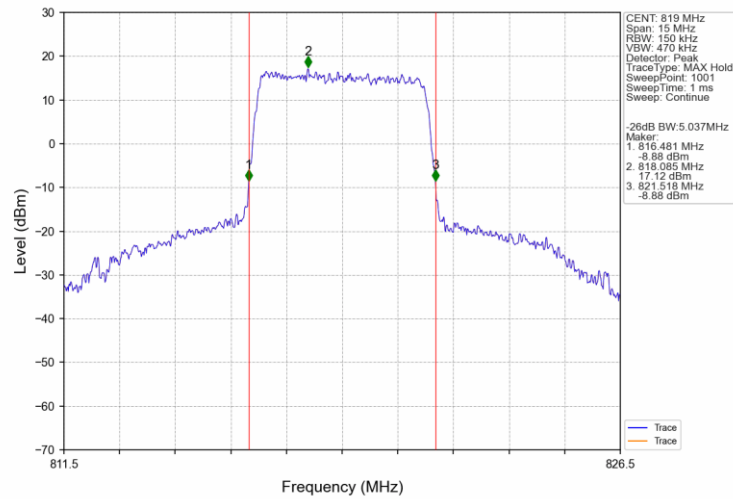
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



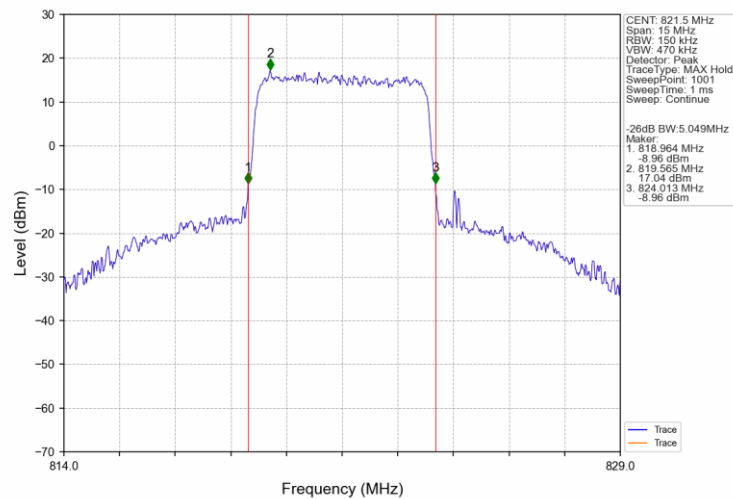
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



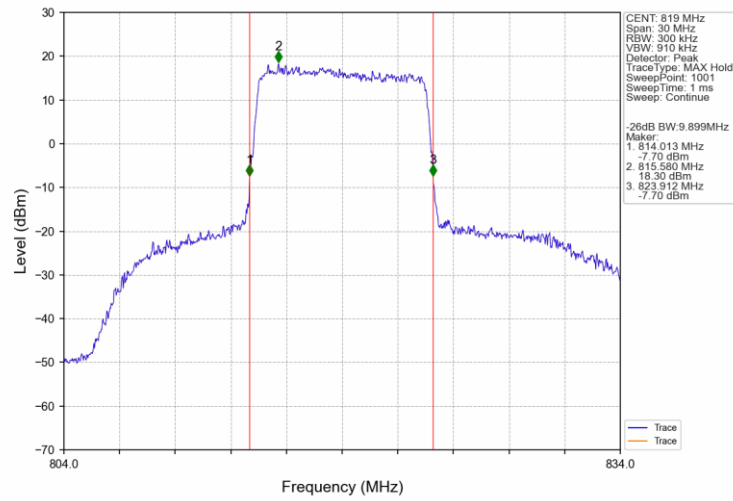
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



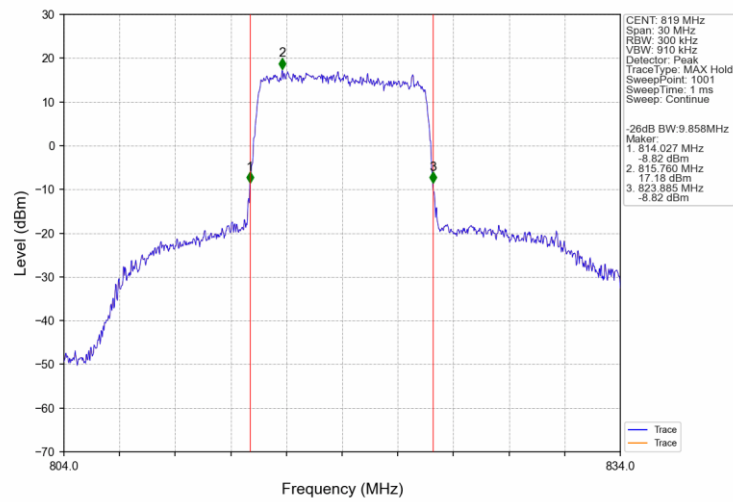
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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	5.69	<=13	Pass
	819	6	0	6.20	<=13	Pass
	823.3	6	0	6.08	<=13	Pass
16QAM	814.7	6	0	6.52	<=13	Pass
	819	6	0	6.99	<=13	Pass
	823.3	6	0	6.89	<=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	5.85	<=13	Pass
	819	15	0	6.15	<=13	Pass
	822.5	15	0	6.20	<=13	Pass
16QAM	815.5	15	0	6.69	<=13	Pass
	819	15	0	7.02	<=13	Pass
	822.5	15	0	7.01	<=13	Pass

5.1.3 B26a_5MHz

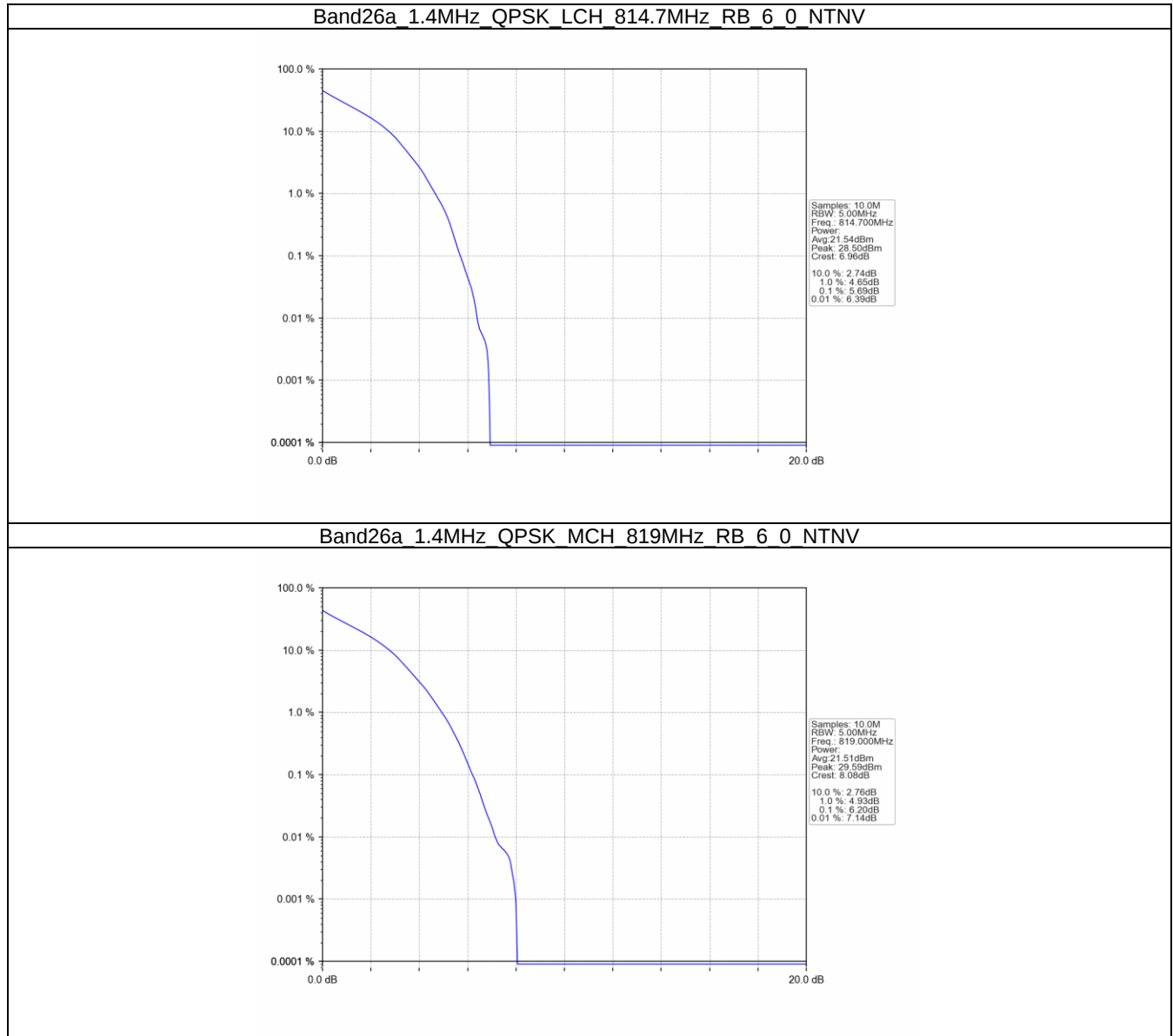
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.97	<=13	Pass
	819	25	0	6.17	<=13	Pass
	821.5	25	0	6.21	<=13	Pass
16QAM	816.5	25	0	6.70	<=13	Pass
	819	25	0	6.92	<=13	Pass
	821.5	25	0	6.95	<=13	Pass

5.1.4 B26a_10MHz

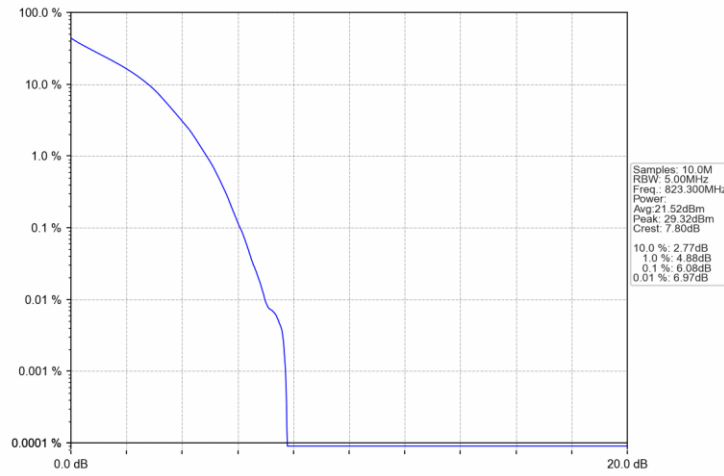
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.94	<=13	Pass
16QAM	819	50	0	6.75	<=13	Pass

5.2 Test Graph

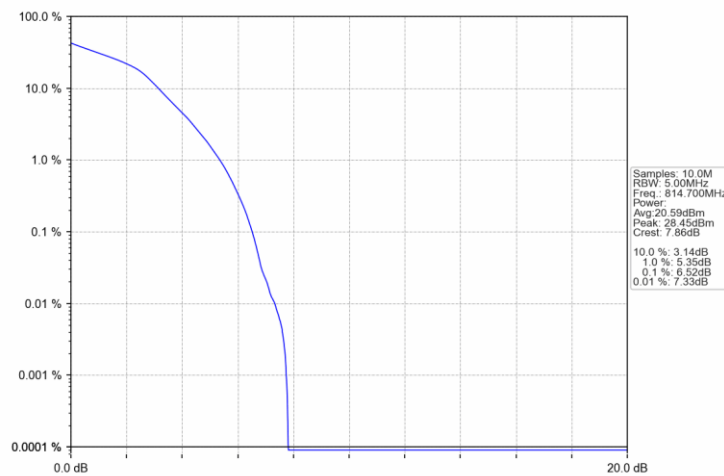
5.2.1 B26a_1.4MHz



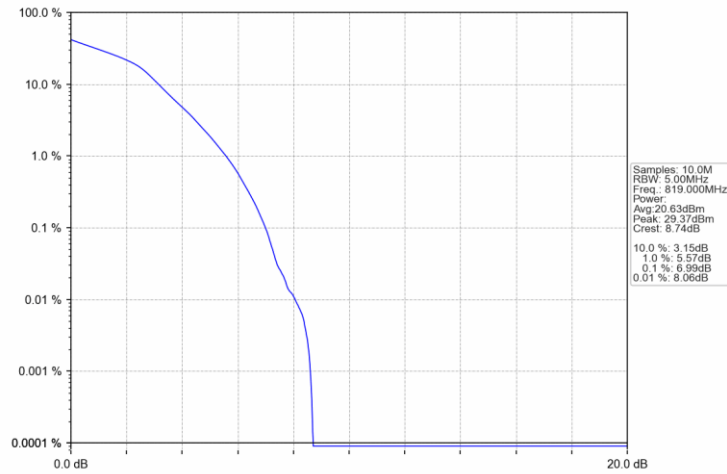
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



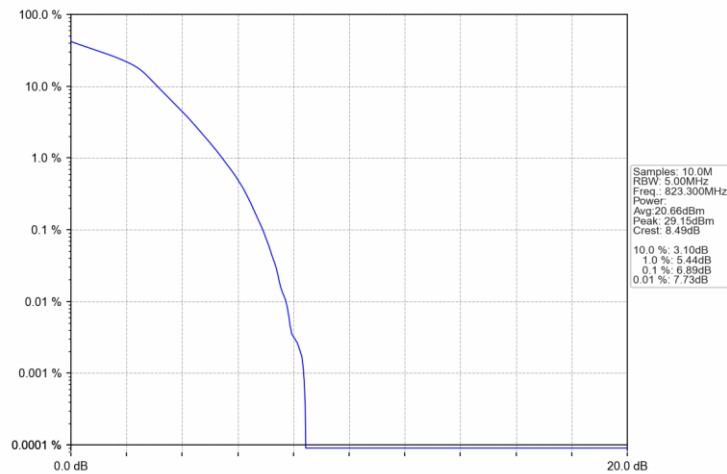
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV

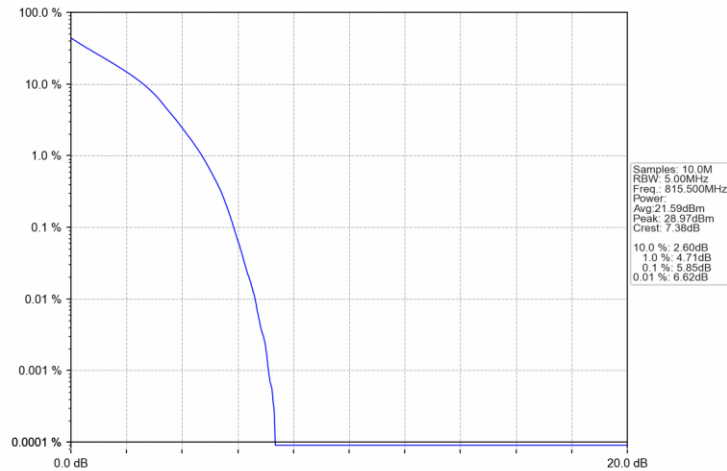


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

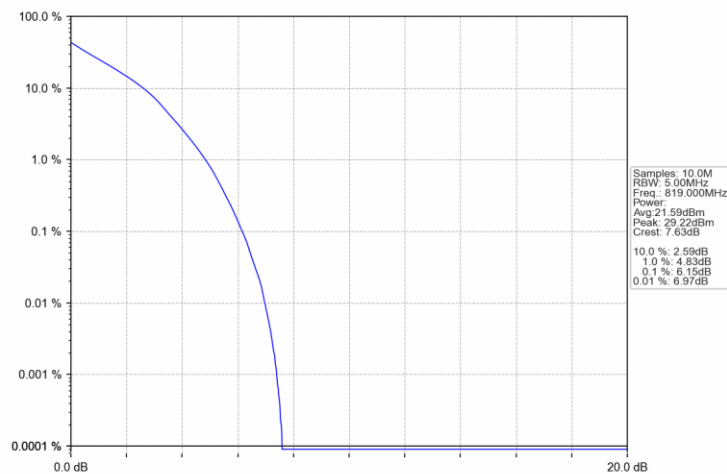


5.2.2 B26a_3MHz

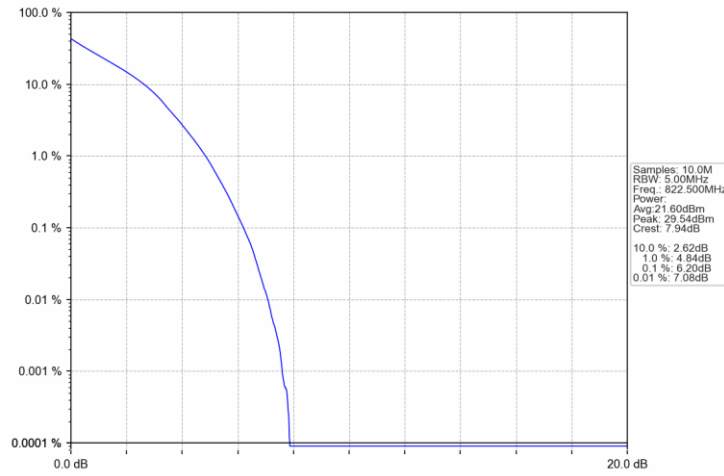
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



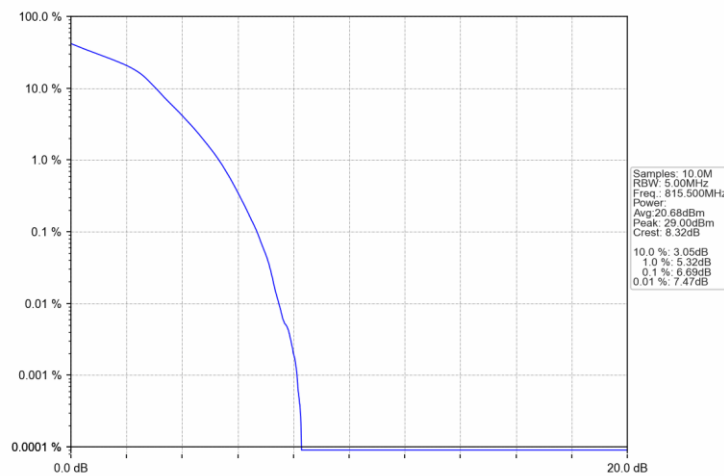
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



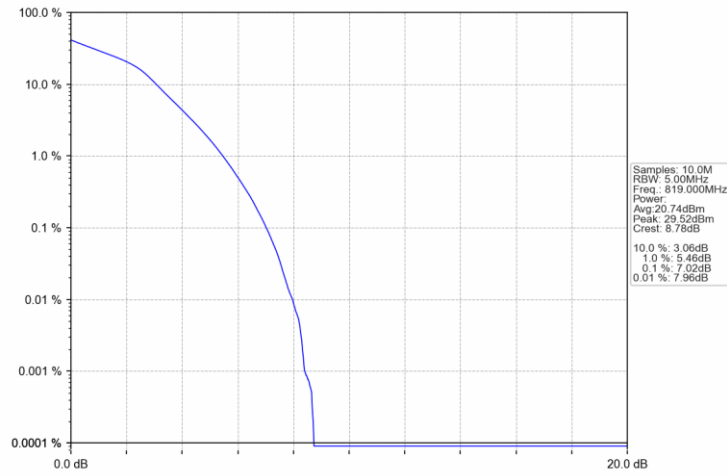
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



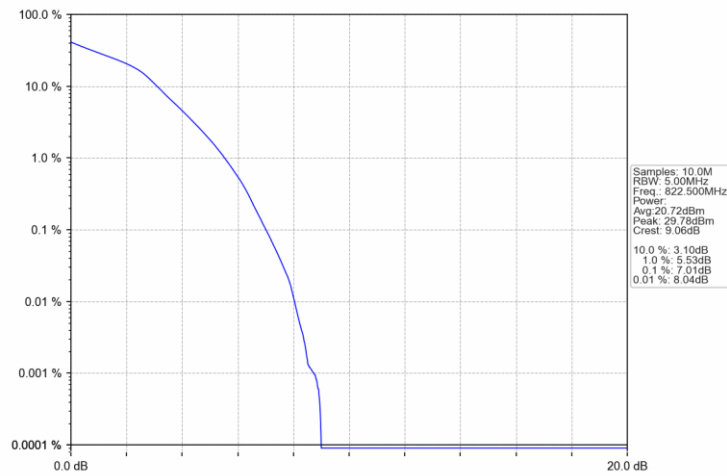
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

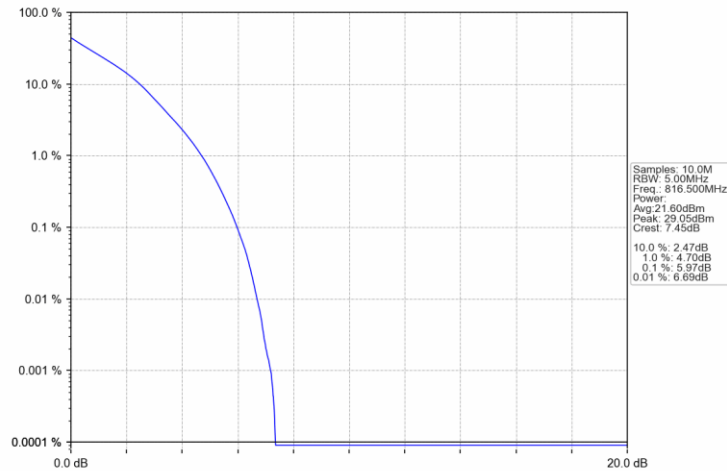


Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



5.2.3 B26a_5MHz

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV

