

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	814.7	1	0	25.17	-2.4	20.62	<=50	Pass
			2	25.13	-2.4	20.58	<=50	Pass
			5	25.15	-2.4	20.60	<=50	Pass
		3	0	25.01	-2.4	20.46	<=50	Pass
			2	25.06	-2.4	20.51	<=50	Pass
			3	25.04	-2.4	20.49	<=50	Pass
		6	0	23.45	-2.4	18.90	<=50	Pass
	819	1	0	25.09	-2.4	20.54	<=50	Pass
			2	25.14	-2.4	20.59	<=50	Pass
			5	25.09	-2.4	20.54	<=50	Pass
		3	0	24.98	-2.4	20.43	<=50	Pass
			2	25.00	-2.4	20.45	<=50	Pass
			3	25.03	-2.4	20.48	<=50	Pass
		6	0	23.01	-2.4	18.46	<=50	Pass
	823.3	1	0	25.06	-2.4	20.51	<=50	Pass
			2	25.03	-2.4	20.48	<=50	Pass
			5	25.01	-2.4	20.46	<=50	Pass
		3	0	25.09	-2.4	20.54	<=50	Pass
			2	25.06	-2.4	20.51	<=50	Pass
			3	25.10	-2.4	20.55	<=50	Pass
		6	0	23.41	-2.4	18.86	<=50	Pass
16QAM	814.7	1	0	23.41	-2.4	18.86	<=50	Pass
			2	23.35	-2.4	18.80	<=50	Pass
			5	23.26	-2.4	18.71	<=50	Pass
		3	0	23.58	-2.4	19.03	<=50	Pass
			2	23.60	-2.4	19.05	<=50	Pass
			3	23.59	-2.4	19.04	<=50	Pass
		6	0	23.68	-2.4	19.13	<=50	Pass
	819	1	0	23.74	-2.4	19.19	<=50	Pass
			2	23.56	-2.4	19.01	<=50	Pass
			5	23.61	-2.4	19.06	<=50	Pass
		3	0	23.89	-2.4	19.34	<=50	Pass
			2	23.86	-2.4	19.31	<=50	Pass
			3	23.93	-2.4	19.38	<=50	Pass
		6	0	23.11	-2.4	18.56	<=50	Pass
	823.3	1	0	24.21	-2.4	19.66	<=50	Pass
			2	24.07	-2.4	19.52	<=50	Pass
			5	24.02	-2.4	19.47	<=50	Pass
		3	0	24.13	-2.4	19.58	<=50	Pass
			2	24.10	-2.4	19.55	<=50	Pass
			3	23.88	-2.4	19.33	<=50	Pass
		6	0	23.74	-2.4	19.19	<=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	25.09	-2.4	20.54	<=50	Pass
			7	24.99	-2.4	20.44	<=50	Pass
			14	24.93	-2.4	20.38	<=50	Pass
		8	0	23.52	-2.4	18.97	<=50	Pass
			4	23.49	-2.4	18.94	<=50	Pass
			7	23.47	-2.4	18.92	<=50	Pass
		15	0	23.44	-2.4	18.89	<=50	Pass
	819	1	0	25.23	-2.4	20.68	<=50	Pass
			7	25.17	-2.4	20.62	<=50	Pass
			14	25.21	-2.4	20.66	<=50	Pass
		8	0	23.02	-2.4	18.47	<=50	Pass
			4	22.97	-2.4	18.42	<=50	Pass
			7	22.91	-2.4	18.36	<=50	Pass
		15	0	22.97	-2.4	18.42	<=50	Pass
	822.5	1	0	25.10	-2.4	20.55	<=50	Pass
			7	25.12	-2.4	20.57	<=50	Pass
			14	25.19	-2.4	20.64	<=50	Pass
		8	0	23.12	-2.4	18.57	<=50	Pass
			4	23.53	-2.4	18.98	<=50	Pass
			7	23.53	-2.4	18.98	<=50	Pass
		15	0	23.46	-2.4	18.91	<=50	Pass
16QAM	815.5	1	0	23.08	-2.4	18.53	<=50	Pass
			7	23.08	-2.4	18.53	<=50	Pass
			14	23.17	-2.4	18.62	<=50	Pass
		8	0	23.55	-2.4	19.00	<=50	Pass
			4	23.59	-2.4	19.04	<=50	Pass
			7	23.73	-2.4	19.18	<=50	Pass
		15	0	23.40	-2.4	18.85	<=50	Pass
	819	1	0	23.43	-2.4	18.88	<=50	Pass
			7	23.34	-2.4	18.79	<=50	Pass
			14	23.67	-2.4	19.12	<=50	Pass
		8	0	23.14	-2.4	18.59	<=50	Pass
			4	23.20	-2.4	18.65	<=50	Pass
			7	23.09	-2.4	18.54	<=50	Pass
		15	0	22.98	-2.4	18.43	<=50	Pass
	822.5	1	0	23.38	-2.4	18.83	<=50	Pass
			7	23.82	-2.4	19.27	<=50	Pass
			14	23.81	-2.4	19.26	<=50	Pass
		8	0	23.11	-2.4	18.56	<=50	Pass
			4	23.55	-2.4	19.00	<=50	Pass
			7	23.58	-2.4	19.03	<=50	Pass
		15	0	23.59	-2.4	19.04	<=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	24.90	-2.4	20.35	<=50	Pass
			13	24.79	-2.4	20.24	<=50	Pass
			24	24.93	-2.4	20.38	<=50	Pass
		12	0	23.45	-2.4	18.90	<=50	Pass
			6	23.54	-2.4	18.99	<=50	Pass
			13	23.51	-2.4	18.96	<=50	Pass
		25	0	23.47	-2.4	18.92	<=50	Pass
	819	1	0	25.05	-2.4	20.50	<=50	Pass
			13	24.98	-2.4	20.43	<=50	Pass
			24	24.91	-2.4	20.36	<=50	Pass
		12	0	23.48	-2.4	18.93	<=50	Pass
			6	23.01	-2.4	18.46	<=50	Pass
			13	23.08	-2.4	18.53	<=50	Pass
		25	0	22.99	-2.4	18.44	<=50	Pass
	821.5	1	0	25.03	-2.4	20.48	<=50	Pass
			13	24.99	-2.4	20.44	<=50	Pass
			24	25.02	-2.4	20.47	<=50	Pass
		12	0	23.13	-2.4	18.58	<=50	Pass
			6	23.04	-2.4	18.49	<=50	Pass
			13	23.55	-2.4	19.00	<=50	Pass
		25	0	22.97	-2.4	18.42	<=50	Pass
16QAM	816.5	1	0	22.83	-2.4	18.28	<=50	Pass
			13	23.06	-2.4	18.51	<=50	Pass
			24	23.07	-2.4	18.52	<=50	Pass
		12	0	23.39	-2.4	18.84	<=50	Pass
			6	23.45	-2.4	18.90	<=50	Pass
			13	23.51	-2.4	18.96	<=50	Pass
		25	0	23.45	-2.4	18.90	<=50	Pass
	819	1	0	23.42	-2.4	18.87	<=50	Pass
			13	23.41	-2.4	18.86	<=50	Pass
			24	23.44	-2.4	18.89	<=50	Pass
		12	0	23.56	-2.4	19.01	<=50	Pass
			6	23.14	-2.4	18.59	<=50	Pass
			13	23.18	-2.4	18.63	<=50	Pass
		25	0	23.16	-2.4	18.61	<=50	Pass
	821.5	1	0	23.65	-2.4	19.10	<=50	Pass
			13	23.51	-2.4	18.96	<=50	Pass
			24	23.96	-2.4	19.41	<=50	Pass
		12	0	22.90	-2.4	18.35	<=50	Pass
			6	22.91	-2.4	18.36	<=50	Pass
			13	23.35	-2.4	18.80	<=50	Pass
		25	0	22.97	-2.4	18.42	<=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	24.99	-2.4	20.44	<=50	Pass
			25	25.00	-2.4	20.45	<=50	Pass
			49	25.03	-2.4	20.48	<=50	Pass
		25	0	23.46	-2.4	18.91	<=50	Pass
			13	22.98	-2.4	18.43	<=50	Pass
			25	23.14	-2.4	18.59	<=50	Pass
		50	0	22.88	-2.4	18.33	<=50	Pass
16QAM	819	1	0	23.11	-2.4	18.56	<=50	Pass
			25	22.88	-2.4	18.33	<=50	Pass
			49	23.43	-2.4	18.88	<=50	Pass
		25	0	23.50	-2.4	18.95	<=50	Pass
			13	22.99	-2.4	18.44	<=50	Pass
			25	22.93	-2.4	18.38	<=50	Pass
		50	0	22.96	-2.4	18.41	<=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	3.15	-7.467	-0.0092	-2.5 to 2.5	Pass
					3.70	-21.243	-0.0261	-2.5 to 2.5	Pass
					4.26	-48.537	-0.0596	-2.5 to 2.5	Pass
				-30	3.70	-5.765	-0.0071	-2.5 to 2.5	Pass
				-20	3.70	-39.639	-0.0487	-2.5 to 2.5	Pass
				-10	3.70	-17.967	-0.0221	-2.5 to 2.5	Pass
				0	3.70	-35.563	-0.0437	-2.5 to 2.5	Pass
				10	3.70	-46.263	-0.0568	-2.5 to 2.5	Pass
				30	3.70	-3.219	-0.0040	-2.5 to 2.5	Pass
				40	3.70	-6.423	-0.0079	-2.5 to 2.5	Pass
				50	3.70	-15.664	-0.0192	-2.5 to 2.5	Pass
	819	6	0	20	3.15	34.289	0.0419	-2.5 to 2.5	Pass
					3.70	8.941	0.0109	-2.5 to 2.5	Pass
					4.26	-0.558	-0.0007	-2.5 to 2.5	Pass
				-30	3.70	-5.350	-0.0065	-2.5 to 2.5	Pass
				-20	3.70	-0.815	-0.0010	-2.5 to 2.5	Pass
				-10	3.70	-0.529	-0.0006	-2.5 to 2.5	Pass
				0	3.70	1.616	0.0020	-2.5 to 2.5	Pass
				10	3.70	5.221	0.0064	-2.5 to 2.5	Pass
				30	3.70	6.108	0.0075	-2.5 to 2.5	Pass
				40	3.70	5.836	0.0071	-2.5 to 2.5	Pass
				50	3.70	11.172	0.0136	-2.5 to 2.5	Pass
	823.3	6	0	20	3.15	-20.342	-0.0247	-2.5 to 2.5	Pass
					3.70	-10.257	-0.0125	-2.5 to 2.5	Pass
					4.26	-27.580	-0.0335	-2.5 to 2.5	Pass
				-30	3.70	-3.262	-0.0040	-2.5 to 2.5	Pass
				-20	3.70	-8.669	-0.0105	-2.5 to 2.5	Pass
				-10	3.70	-31.543	-0.0383	-2.5 to 2.5	Pass
				0	3.70	-35.548	-0.0432	-2.5 to 2.5	Pass
				10	3.70	-29.311	-0.0356	-2.5 to 2.5	Pass
				30	3.70	-16.851	-0.0205	-2.5 to 2.5	Pass
				40	3.70	-2.360	-0.0029	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.15	-21.157	-0.0260	-2.5 to 2.5	Pass
					3.70	-25.091	-0.0308	-2.5 to 2.5	Pass
					4.26	-23.417	-0.0287	-2.5 to 2.5	Pass
				-30	3.70	-26.836	-0.0329	-2.5 to 2.5	Pass
				-20	3.70	-33.932	-0.0416	-2.5 to 2.5	Pass
				-10	3.70	-36.006	-0.0442	-2.5 to 2.5	Pass
				0	3.70	-35.748	-0.0439	-2.5 to 2.5	Pass
				10	3.70	-37.293	-0.0458	-2.5 to 2.5	Pass
				30	3.70	-43.831	-0.0538	-2.5 to 2.5	Pass
				40	3.70	-43.702	-0.0536	-2.5 to 2.5	Pass
	819	6	0	20	3.15	1.888	0.0023	-2.5 to 2.5	Pass
					3.70	9.842	0.0120	-2.5 to 2.5	Pass
					4.26	10.686	0.0130	-2.5 to 2.5	Pass
				-30	3.70	15.249	0.0186	-2.5 to 2.5	Pass
				-20	3.70	17.495	0.0214	-2.5 to 2.5	Pass
				-10	3.70	17.781	0.0217	-2.5 to 2.5	Pass

				0	3.70	19.155	0.0234	-2.5 to 2.5	Pass
				10	3.70	18.954	0.0231	-2.5 to 2.5	Pass
				30	3.70	22.731	0.0278	-2.5 to 2.5	Pass
				40	3.70	23.804	0.0291	-2.5 to 2.5	Pass
				50	3.70	23.375	0.0285	-2.5 to 2.5	Pass
	823.3	6	0	20	3.15	-45.261	-0.0550	-2.5 to 2.5	Pass
					3.70	-9.584	-0.0116	-2.5 to 2.5	Pass
					4.26	-21.772	-0.0264	-2.5 to 2.5	Pass
				-30	3.70	-36.550	-0.0444	-2.5 to 2.5	Pass
				-20	3.70	-1.345	-0.0016	-2.5 to 2.5	Pass
				-10	3.70	-18.582	-0.0226	-2.5 to 2.5	Pass
				0	3.70	-31.943	-0.0388	-2.5 to 2.5	Pass
				10	3.70	-41.542	-0.0505	-2.5 to 2.5	Pass
				30	3.70	-5.093	-0.0062	-2.5 to 2.5	Pass
				40	3.70	-12.589	-0.0153	-2.5 to 2.5	Pass
				50	3.70	-18.883	-0.0229	-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	3.15	12.360	0.0152	-2.5 to 2.5	Pass
					3.70	-11.773	-0.0144	-2.5 to 2.5	Pass
					4.26	-32.659	-0.0400	-2.5 to 2.5	Pass
				-30	3.70	-43.073	-0.0528	-2.5 to 2.5	Pass
				-20	3.70	-43.144	-0.0529	-2.5 to 2.5	Pass
				-10	3.70	1.974	0.0024	-2.5 to 2.5	Pass
				0	3.70	0.701	0.0009	-2.5 to 2.5	Pass
				10	3.70	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.70	-2.303	-0.0028	-2.5 to 2.5	Pass
				40	3.70	-3.762	-0.0046	-2.5 to 2.5	Pass
				50	3.70	-11.072	-0.0136	-2.5 to 2.5	Pass
	819	15	0	20	3.15	20.814	0.0254	-2.5 to 2.5	Pass
					3.70	-14.420	-0.0176	-2.5 to 2.5	Pass
					4.26	-29.440	-0.0359	-2.5 to 2.5	Pass
				-30	3.70	-35.906	-0.0438	-2.5 to 2.5	Pass
				-20	3.70	-37.994	-0.0464	-2.5 to 2.5	Pass
				-10	3.70	-41.227	-0.0503	-2.5 to 2.5	Pass
				0	3.70	-39.625	-0.0484	-2.5 to 2.5	Pass
				10	3.70	-37.193	-0.0454	-2.5 to 2.5	Pass
				30	3.70	-36.950	-0.0451	-2.5 to 2.5	Pass
				40	3.70	-35.019	-0.0428	-2.5 to 2.5	Pass
				50	3.70	-36.936	-0.0451	-2.5 to 2.5	Pass
	822.5	15	0	20	3.15	9.871	0.0120	-2.5 to 2.5	Pass
					3.70	-32.516	-0.0395	-2.5 to 2.5	Pass
					4.26	-22.244	-0.0270	-2.5 to 2.5	Pass
				-30	3.70	-32.887	-0.0400	-2.5 to 2.5	Pass
				-20	3.70	-8.497	-0.0103	-2.5 to 2.5	Pass
				-10	3.70	-28.682	-0.0349	-2.5 to 2.5	Pass
				0	3.70	-40.984	-0.0498	-2.5 to 2.5	Pass
				10	3.70	-6.938	-0.0084	-2.5 to 2.5	Pass
				30	3.70	-13.447	-0.0163	-2.5 to 2.5	Pass
				40	3.70	-21.830	-0.0265	-2.5 to 2.5	Pass
				50	3.70	-30.384	-0.0369	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.15	-16.222	-0.0199	-2.5 to 2.5	Pass
					3.70	-7.854	-0.0096	-2.5 to 2.5	Pass
					4.26	3.047	0.0037	-2.5 to 2.5	Pass

				-30	3.70	7.768	0.0095	-2.5 to 2.5	Pass
				-20	3.70	7.510	0.0092	-2.5 to 2.5	Pass
				-10	3.70	7.882	0.0097	-2.5 to 2.5	Pass
				0	3.70	6.166	0.0076	-2.5 to 2.5	Pass
				10	3.70	-5.078	-0.0062	-2.5 to 2.5	Pass
				30	3.70	-6.466	-0.0079	-2.5 to 2.5	Pass
				40	3.70	-3.891	-0.0048	-2.5 to 2.5	Pass
				50	3.70	-1.431	-0.0018	-2.5 to 2.5	Pass
	819	15	0	20	3.15	-35.405	-0.0432	-2.5 to 2.5	Pass
					3.70	-25.406	-0.0310	-2.5 to 2.5	Pass
					4.26	-29.511	-0.0360	-2.5 to 2.5	Pass
				-30	3.70	-24.061	-0.0294	-2.5 to 2.5	Pass
				-20	3.70	-21.715	-0.0265	-2.5 to 2.5	Pass
				-10	3.70	-14.405	-0.0176	-2.5 to 2.5	Pass
				0	3.70	-17.695	-0.0216	-2.5 to 2.5	Pass
				10	3.70	-13.905	-0.0170	-2.5 to 2.5	Pass
				30	3.70	-13.804	-0.0169	-2.5 to 2.5	Pass
				40	3.70	-17.352	-0.0212	-2.5 to 2.5	Pass
				50	3.70	-16.837	-0.0206	-2.5 to 2.5	Pass
	822.5	15	0	20	3.15	-42.644	-0.0518	-2.5 to 2.5	Pass
					3.70	-32.687	-0.0397	-2.5 to 2.5	Pass
					4.26	-31.900	-0.0388	-2.5 to 2.5	Pass
				-30	3.70	-35.677	-0.0434	-2.5 to 2.5	Pass
				-20	3.70	-33.989	-0.0413	-2.5 to 2.5	Pass
				-10	3.70	-36.736	-0.0447	-2.5 to 2.5	Pass
				0	3.70	-41.585	-0.0506	-2.5 to 2.5	Pass
				10	3.70	-44.317	-0.0539	-2.5 to 2.5	Pass
				30	3.70	0.615	0.0007	-2.5 to 2.5	Pass
				40	3.70	-3.161	-0.0038	-2.5 to 2.5	Pass
				50	3.70	-9.584	-0.0117	-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	3.15	9.656	0.0118	-2.5 to 2.5	Pass
					3.70	-18.253	-0.0224	-2.5 to 2.5	Pass
					4.26	-4.735	-0.0058	-2.5 to 2.5	Pass
				-30	3.70	-13.433	-0.0165	-2.5 to 2.5	Pass
				-20	3.70	-18.439	-0.0226	-2.5 to 2.5	Pass
				-10	3.70	-21.143	-0.0259	-2.5 to 2.5	Pass
				0	3.70	-20.084	-0.0246	-2.5 to 2.5	Pass
				10	3.70	-19.526	-0.0239	-2.5 to 2.5	Pass
				30	3.70	-24.476	-0.0300	-2.5 to 2.5	Pass
				40	3.70	-23.417	-0.0287	-2.5 to 2.5	Pass
				50	3.70	-19.856	-0.0243	-2.5 to 2.5	Pass
	819	25	0	20	3.15	23.332	0.0285	-2.5 to 2.5	Pass
					3.70	-16.952	-0.0207	-2.5 to 2.5	Pass
					4.26	-33.817	-0.0413	-2.5 to 2.5	Pass
				-30	3.70	-41.771	-0.0510	-2.5 to 2.5	Pass
				-20	3.70	3.648	0.0045	-2.5 to 2.5	Pass
				-10	3.70	3.648	0.0045	-2.5 to 2.5	Pass
				0	3.70	8.426	0.0103	-2.5 to 2.5	Pass
				10	3.70	8.869	0.0108	-2.5 to 2.5	Pass
				30	3.70	9.985	0.0122	-2.5 to 2.5	Pass
				40	3.70	14.377	0.0176	-2.5 to 2.5	Pass
				50	3.70	14.405	0.0176	-2.5 to 2.5	Pass

	821.5	25	0	20	3.15	13.447	0.0164	-2.5 to 2.5	Pass
					3.70	-31.543	-0.0384	-2.5 to 2.5	Pass
					4.26	-21.958	-0.0267	-2.5 to 2.5	Pass
				-30	3.70	-44.546	-0.0542	-2.5 to 2.5	Pass
				-20	3.70	-7.911	-0.0096	-2.5 to 2.5	Pass
				-10	3.70	-16.866	-0.0205	-2.5 to 2.5	Pass
				0	3.70	-26.336	-0.0321	-2.5 to 2.5	Pass
				10	3.70	-31.743	-0.0386	-2.5 to 2.5	Pass
				30	3.70	-30.742	-0.0374	-2.5 to 2.5	Pass
				40	3.70	-32.158	-0.0391	-2.5 to 2.5	Pass
				50	3.70	-36.106	-0.0440	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.15	-17.910	-0.0219	-2.5 to 2.5	Pass
					3.70	-10.114	-0.0124	-2.5 to 2.5	Pass
					4.26	-2.561	-0.0031	-2.5 to 2.5	Pass
				-30	3.70	-4.349	-0.0053	-2.5 to 2.5	Pass
				-20	3.70	-2.947	-0.0036	-2.5 to 2.5	Pass
				-10	3.70	-2.675	-0.0033	-2.5 to 2.5	Pass
				0	3.70	-1.144	-0.0014	-2.5 to 2.5	Pass
				10	3.70	0.601	0.0007	-2.5 to 2.5	Pass
				30	3.70	3.791	0.0046	-2.5 to 2.5	Pass
				40	3.70	4.992	0.0061	-2.5 to 2.5	Pass
				50	3.70	5.050	0.0062	-2.5 to 2.5	Pass
	819	25	0	20	3.15	12.059	0.0147	-2.5 to 2.5	Pass
					3.70	19.341	0.0236	-2.5 to 2.5	Pass
					4.26	22.531	0.0275	-2.5 to 2.5	Pass
				-30	3.70	24.891	0.0304	-2.5 to 2.5	Pass
				-20	3.70	33.188	0.0405	-2.5 to 2.5	Pass
				-10	3.70	40.712	0.0497	-2.5 to 2.5	Pass
				0	3.70	39.124	0.0478	-2.5 to 2.5	Pass
				10	3.70	38.052	0.0465	-2.5 to 2.5	Pass
				30	3.70	39.639	0.0484	-2.5 to 2.5	Pass
				40	3.70	41.170	0.0503	-2.5 to 2.5	Pass
				50	3.70	41.556	0.0507	-2.5 to 2.5	Pass
	821.5	25	0	20	3.15	-38.452	-0.0468	-2.5 to 2.5	Pass
					3.70	-31.257	-0.0380	-2.5 to 2.5	Pass
					4.26	-32.630	-0.0397	-2.5 to 2.5	Pass
				-30	3.70	-29.025	-0.0353	-2.5 to 2.5	Pass
				-20	3.70	-25.520	-0.0311	-2.5 to 2.5	Pass
				-10	3.70	-26.150	-0.0318	-2.5 to 2.5	Pass
				0	3.70	-29.840	-0.0363	-2.5 to 2.5	Pass
				10	3.70	-28.567	-0.0348	-2.5 to 2.5	Pass
				30	3.70	-30.398	-0.0370	-2.5 to 2.5	Pass
				40	3.70	-23.489	-0.0286	-2.5 to 2.5	Pass
				50	3.70	-28.152	-0.0343	-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	3.15	16.723	0.0204	-2.5 to 2.5	Pass
					3.70	-34.060	-0.0416	-2.5 to 2.5	Pass
					4.26	-35.634	-0.0435	-2.5 to 2.5	Pass
				-30	3.70	-2.761	-0.0034	-2.5 to 2.5	Pass
				-20	3.70	-12.074	-0.0147	-2.5 to 2.5	Pass
				-10	3.70	-19.526	-0.0238	-2.5 to 2.5	Pass
				0	3.70	-22.359	-0.0273	-2.5 to 2.5	Pass
				10	3.70	-22.616	-0.0276	-2.5 to 2.5	Pass

				30	3.70	-22.702	-0.0277	-2.5 to 2.5	Pass
				40	3.70	-23.904	-0.0292	-2.5 to 2.5	Pass
				50	3.70	-26.407	-0.0322	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.15	-20.857	-0.0255	-2.5 to 2.5	Pass
					3.70	-14.176	-0.0173	-2.5 to 2.5	Pass
					4.26	-10.686	-0.0130	-2.5 to 2.5	Pass
				-30	3.70	-12.031	-0.0147	-2.5 to 2.5	Pass
				-20	3.70	-6.680	-0.0082	-2.5 to 2.5	Pass
				-10	3.70	-7.782	-0.0095	-2.5 to 2.5	Pass
				0	3.70	-6.452	-0.0079	-2.5 to 2.5	Pass
				10	3.70	-12.517	-0.0153	-2.5 to 2.5	Pass
				30	3.70	-13.132	-0.0160	-2.5 to 2.5	Pass
				40	3.70	-8.726	-0.0107	-2.5 to 2.5	Pass
				50	3.70	-7.267	-0.0089	-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

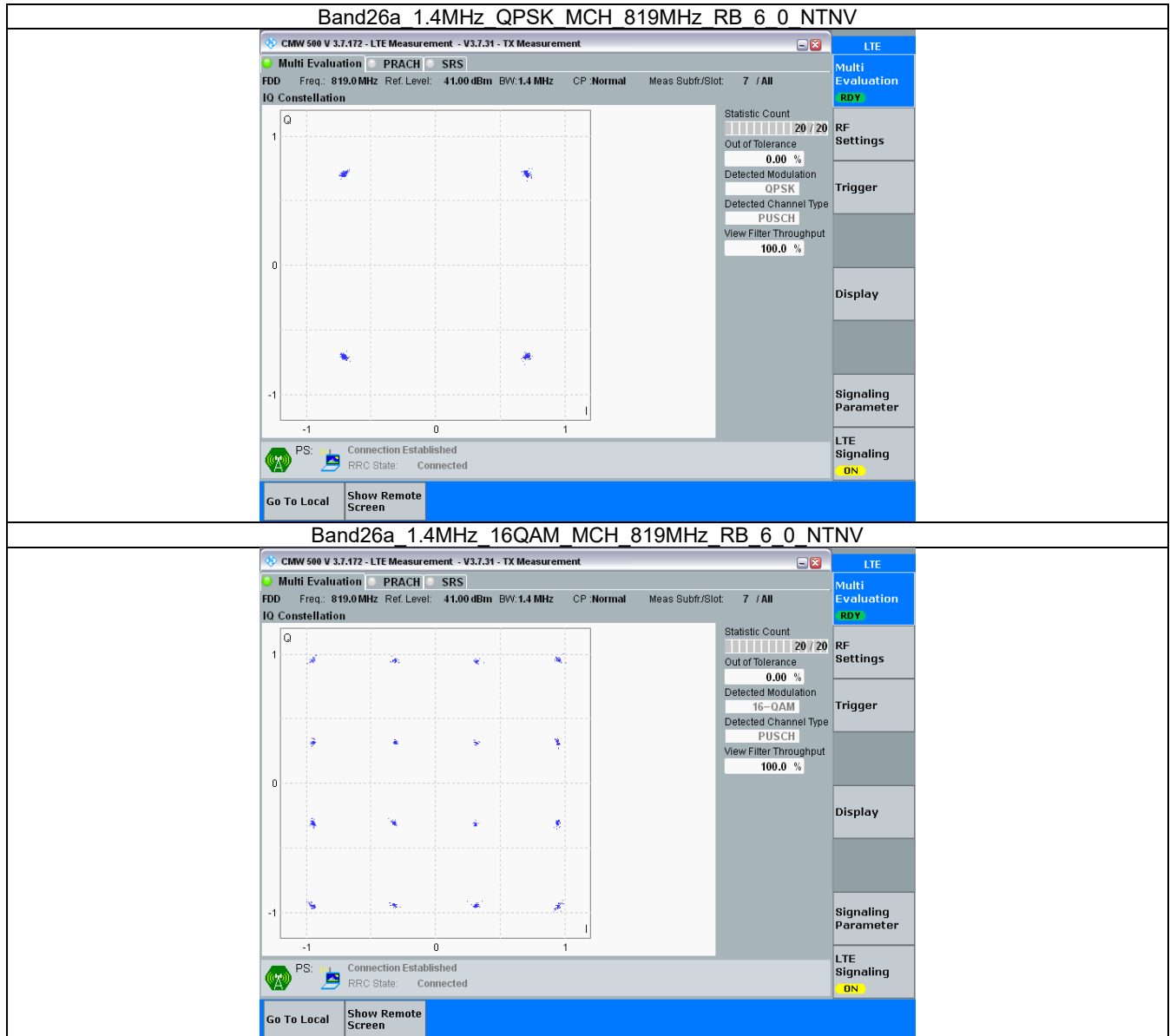
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

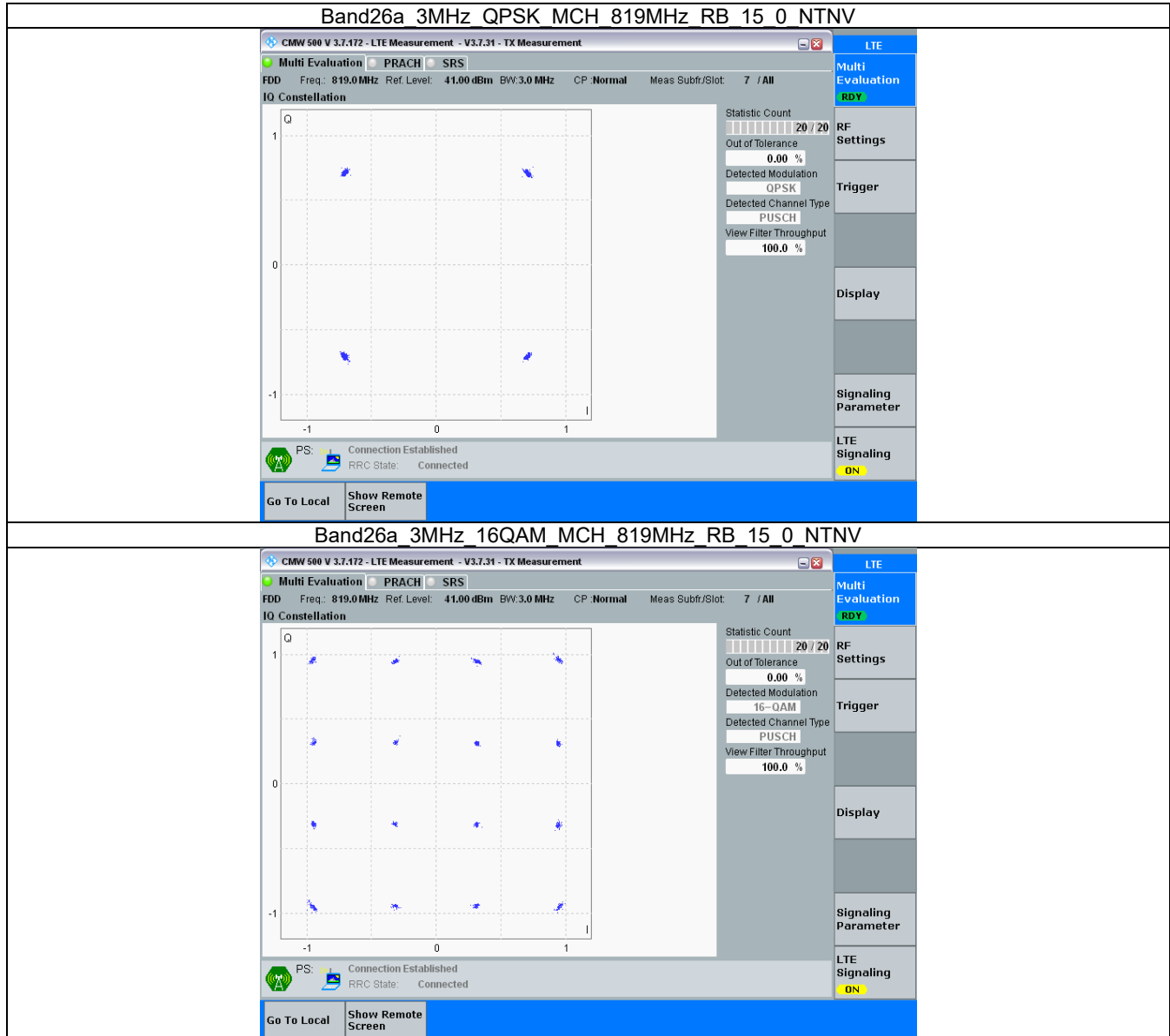
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

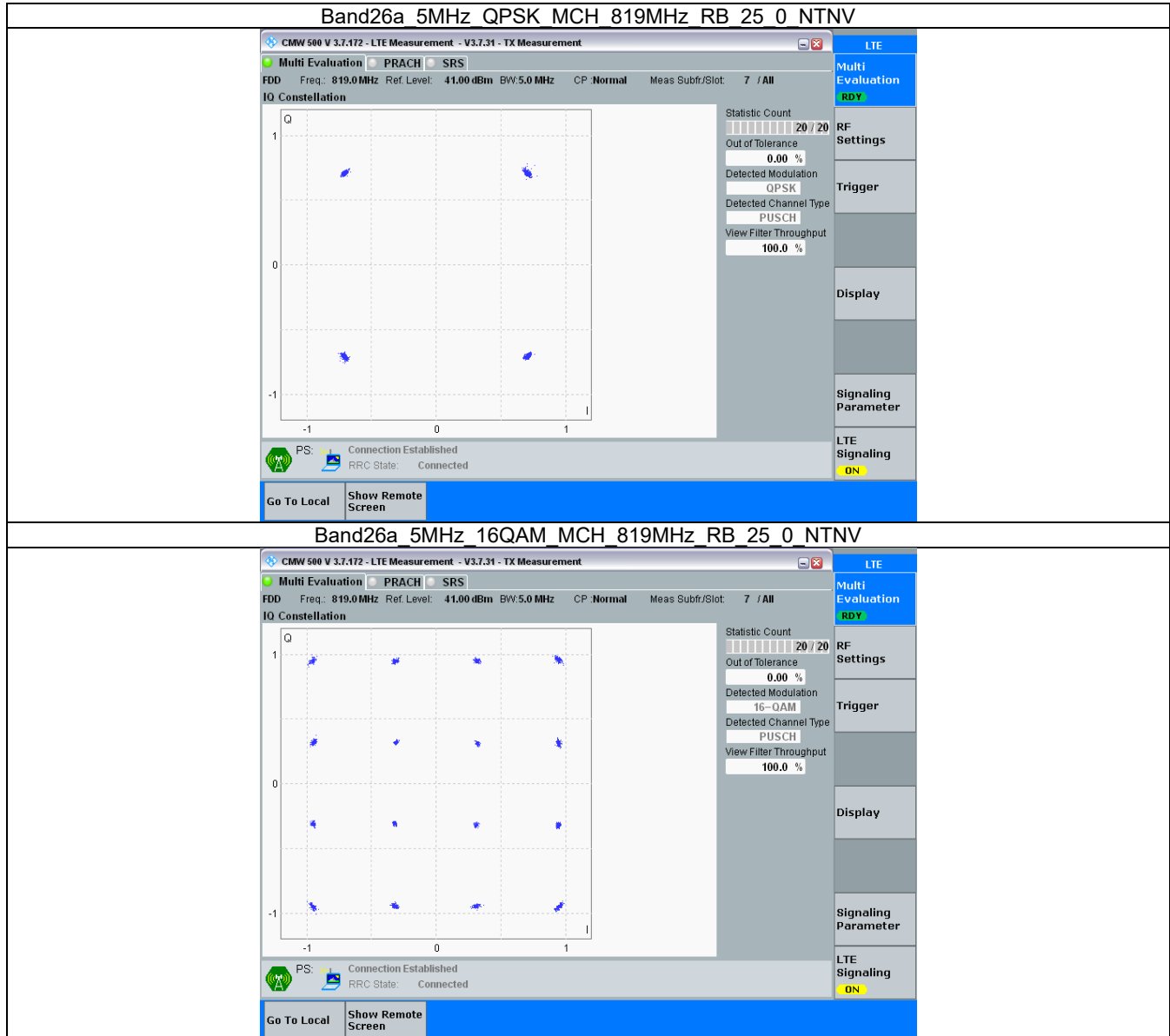
3.2.1 B26a_1.4MHz



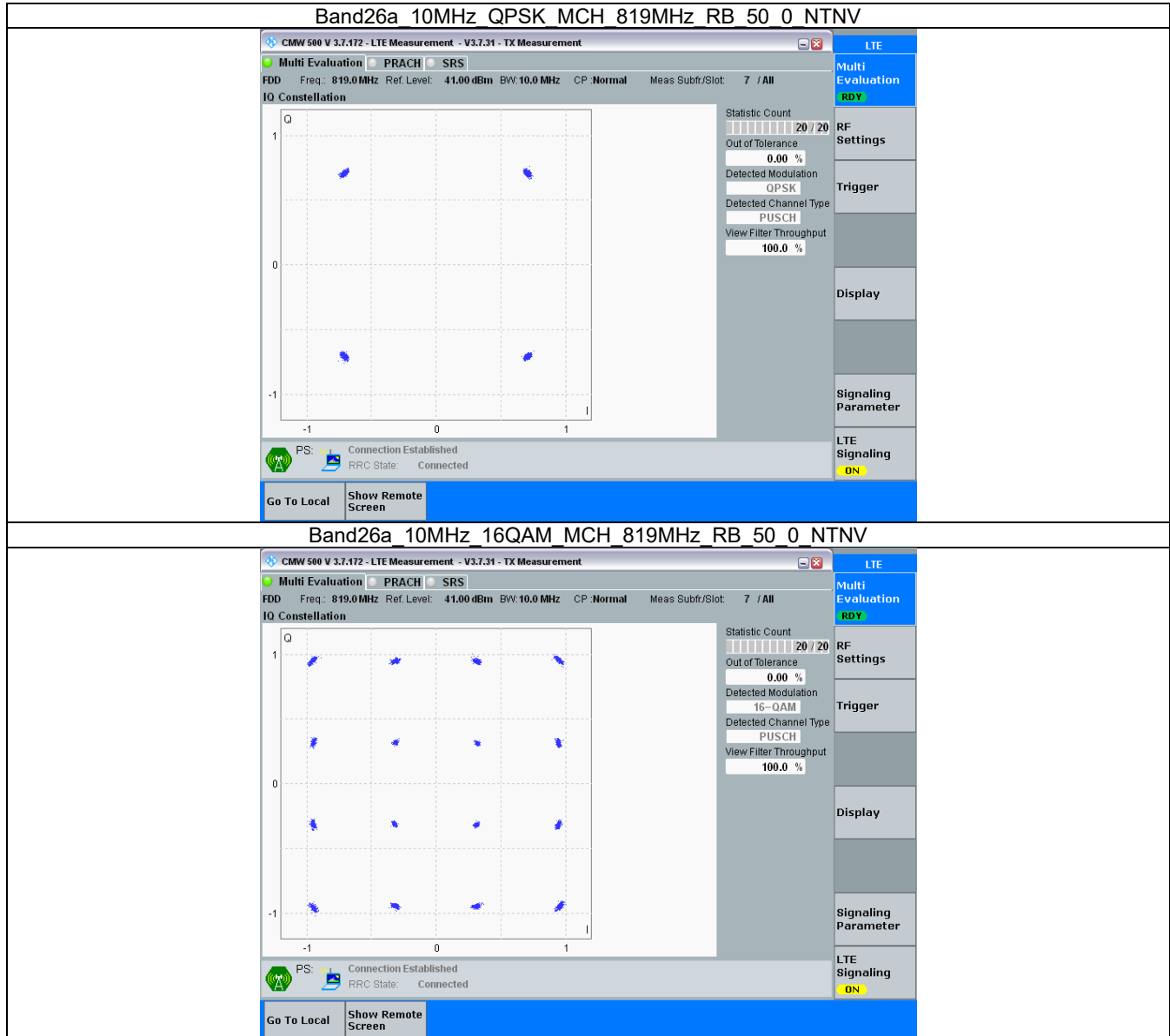
3.2.2 B26a_3MHz



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	1.114	/	Pass
		819	6	0	1.108	/	Pass
		823.3	6	0	1.111	/	Pass
	16QAM	814.7	6	0	1.106	/	Pass
		819	6	0	1.118	/	Pass
		823.3	6	0	1.116	/	Pass
3	QPSK	815.5	15	0	2.768	/	Pass
		819	15	0	2.758	/	Pass
		822.5	15	0	2.750	/	Pass
	16QAM	815.5	15	0	2.775	/	Pass
		819	15	0	2.760	/	Pass
		822.5	15	0	2.742	/	Pass
5	QPSK	816.5	25	0	4.559	/	Pass
		819	25	0	4.539	/	Pass
		821.5	25	0	4.546	/	Pass
	16QAM	816.5	25	0	4.543	/	Pass
		819	25	0	4.563	/	Pass
		821.5	25	0	4.569	/	Pass
10	QPSK	819	50	0	9.054	/	Pass
	16QAM	819	50	0	9.026	/	Pass

4.1.2 Band26a_XDB

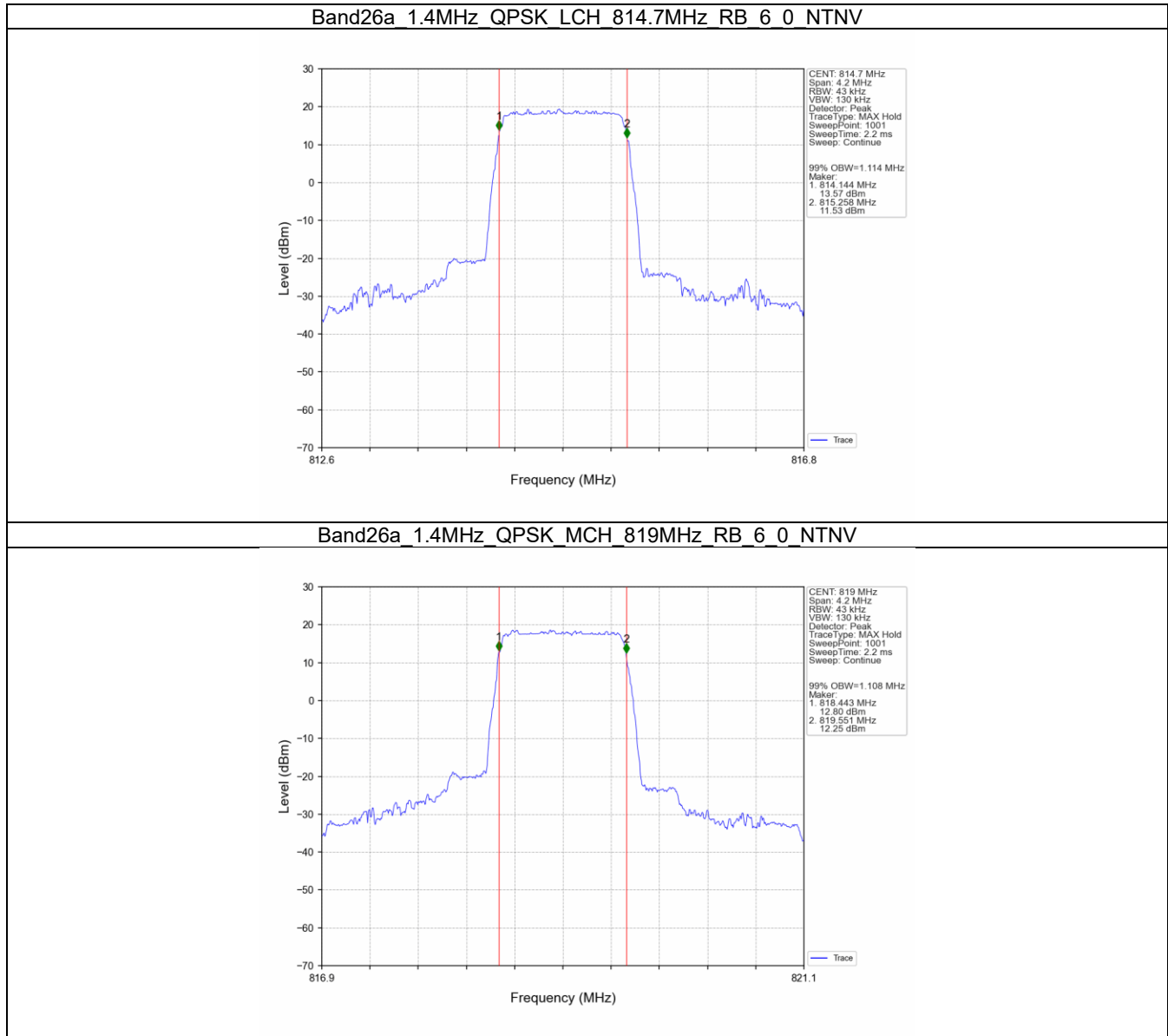
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.276	/	Pass
		819	6	0	1.277	/	Pass
		823.3	6	0	1.280	/	Pass
	16QAM	814.7	6	0	1.274	/	Pass
		819	6	0	1.265	/	Pass
		823.3	6	0	1.277	/	Pass
3	QPSK	815.5	15	0	3.091	/	Pass
		819	15	0	3.086	/	Pass
		822.5	15	0	3.006	/	Pass
	16QAM	815.5	15	0	3.096	/	Pass
		819	15	0	3.092	/	Pass
		822.5	15	0	3.093	/	Pass
5	QPSK	816.5	25	0	5.038	/	Pass
		819	25	0	5.034	/	Pass
		821.5	25	0	5.084	/	Pass
	16QAM	816.5	25	0	5.053	/	Pass
		819	25	0	5.052	/	Pass
		821.5	25	0	5.043	/	Pass
10	QPSK	819	50	0	10.060	/	Pass



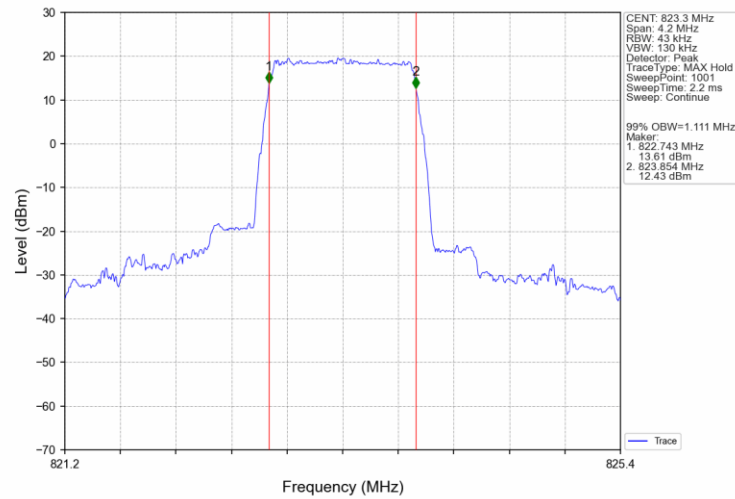
	16QAM	819	50	0	10.048	/	Pass
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4.2 Test Graph

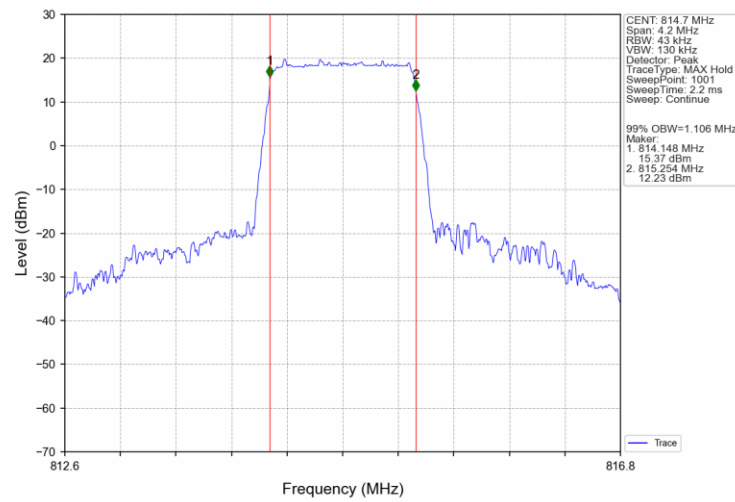
4.2.1 Band26a_OBW



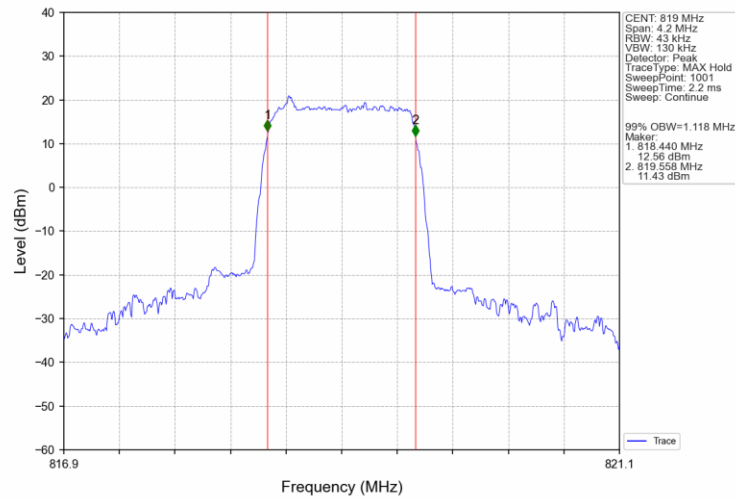
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



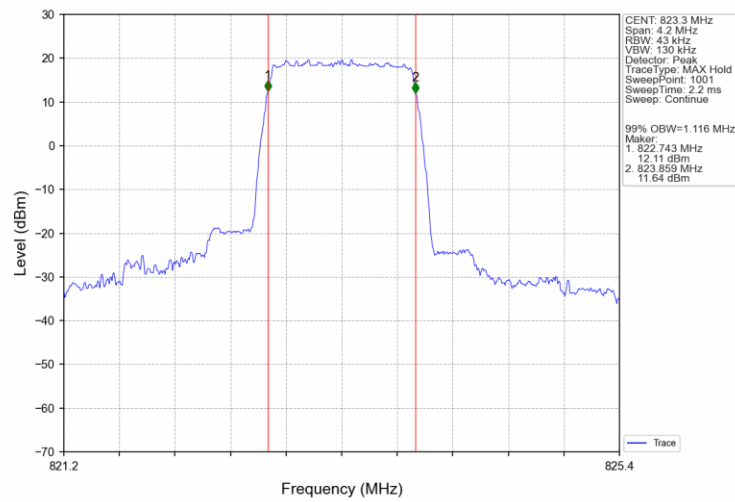
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



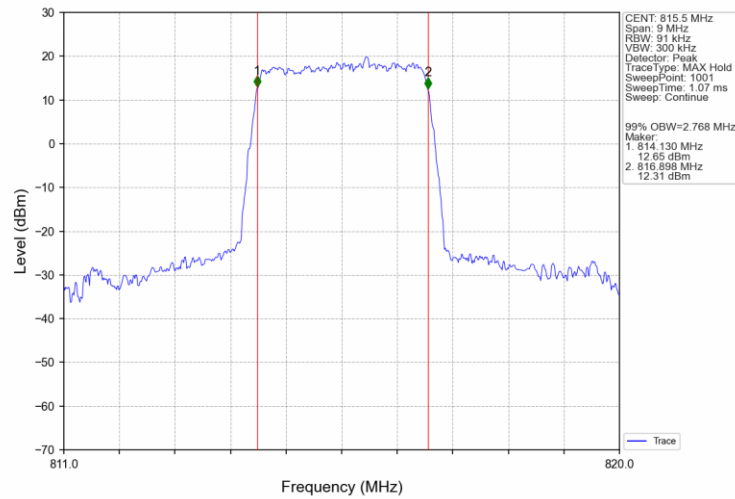
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



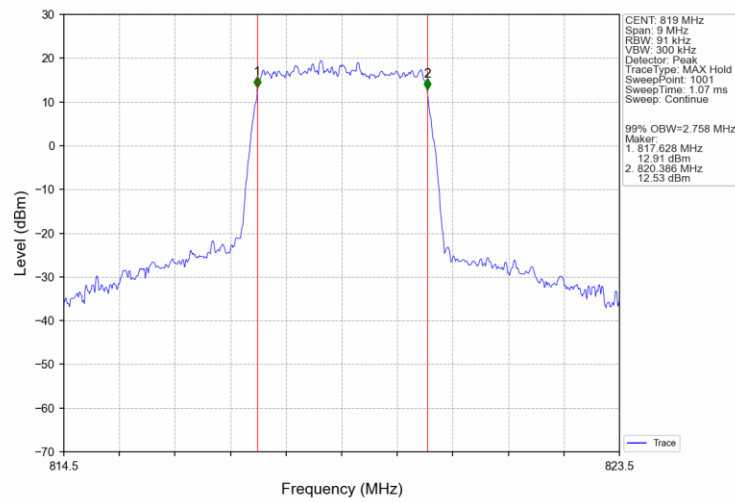
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



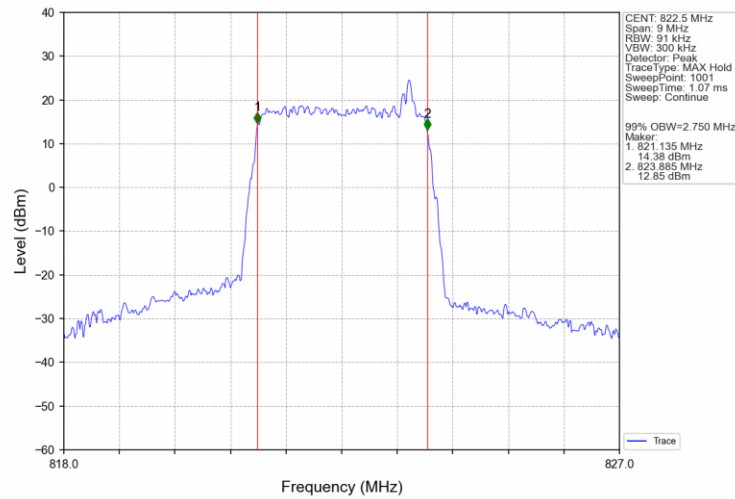
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTNV



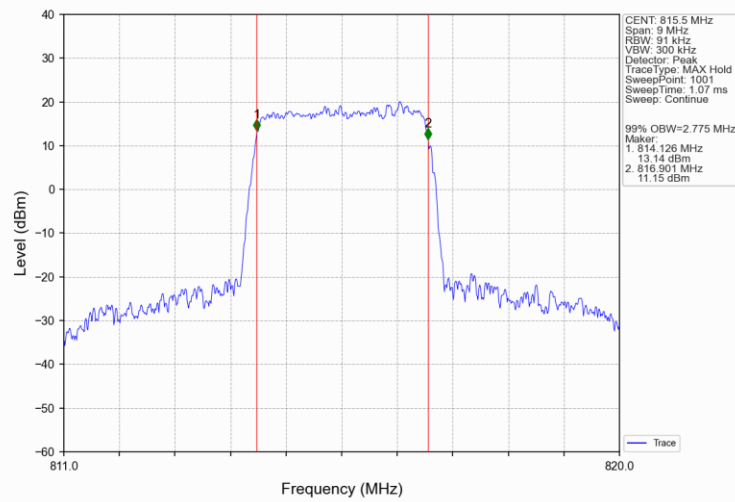
Band26a 3MHz QPSK MCH 819MHz RB 15 0 NTNV



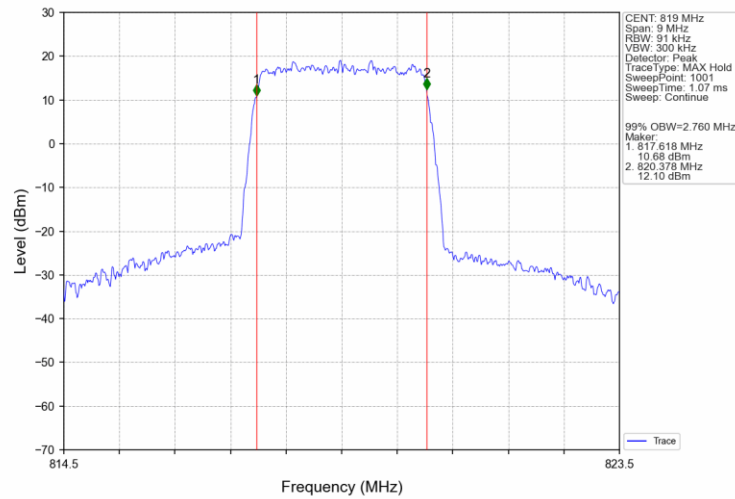
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



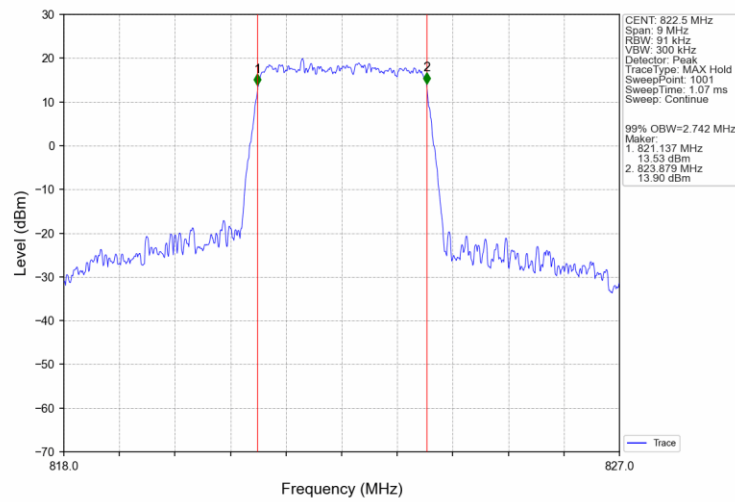
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



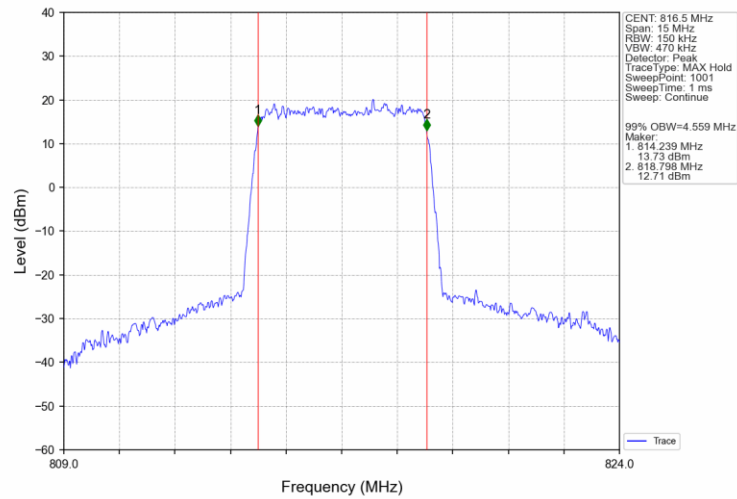
Band26a 3MHz 16QAM MCH 819MHz RB 15 0 NTNV



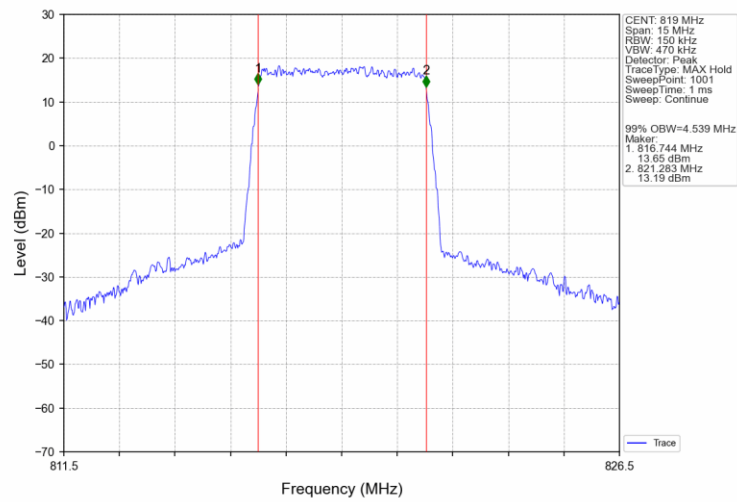
Band26a 3MHz 16QAM HCH 822.5MHz RB 15 0 NTNV



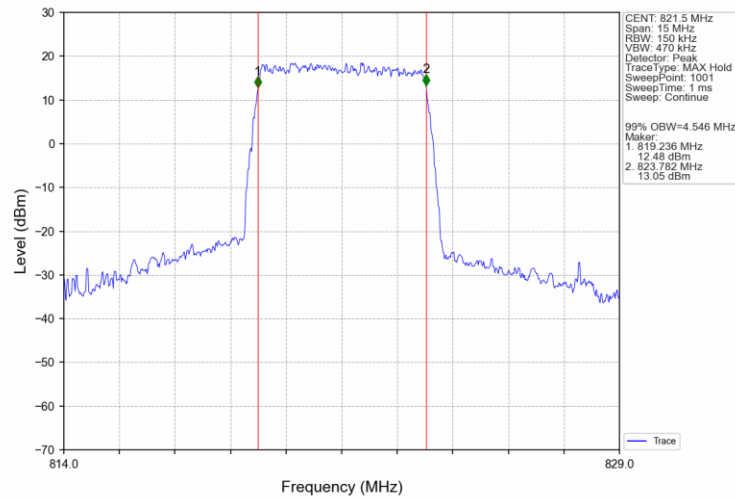
Band26a 5MHz QPSK LCH 816.5MHz RB 25 0 NTNV



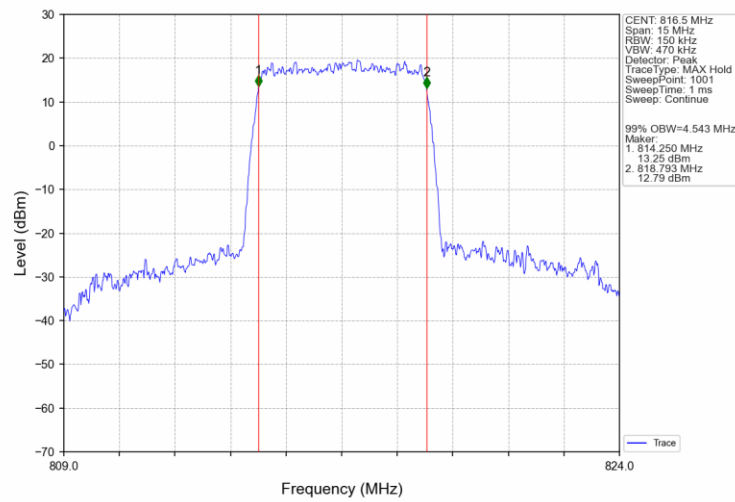
Band26a 5MHz QPSK MCH 819MHz RB 25 0 NTNV



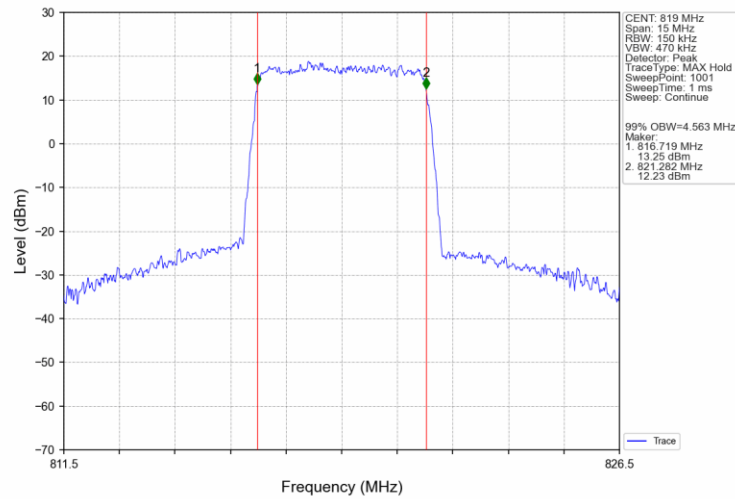
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



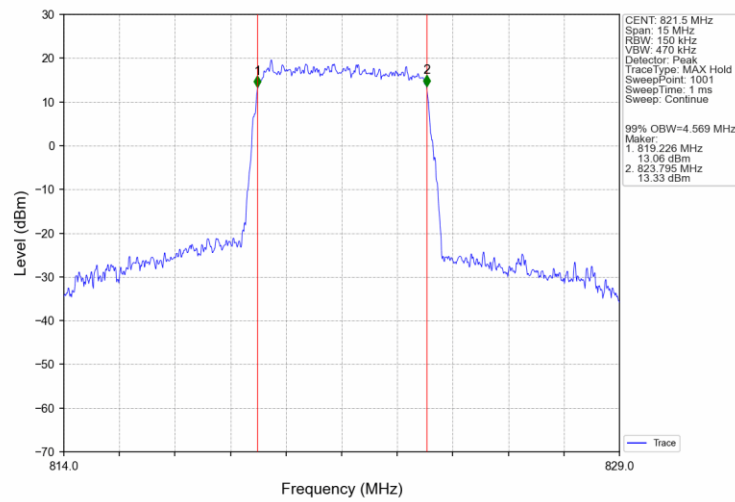
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



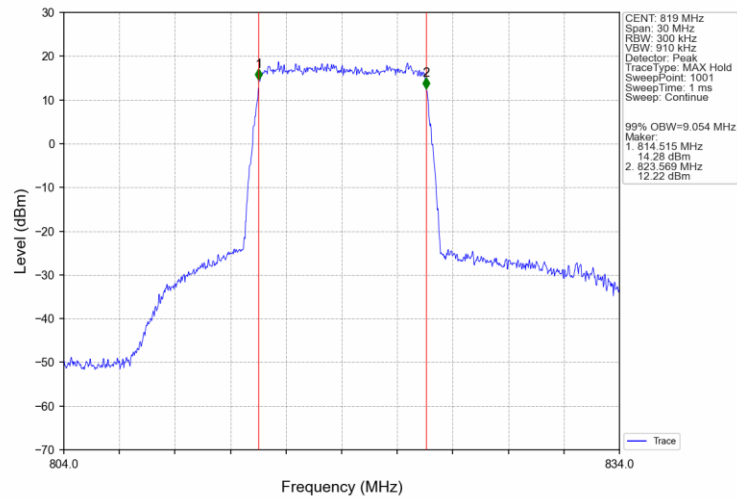
Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV



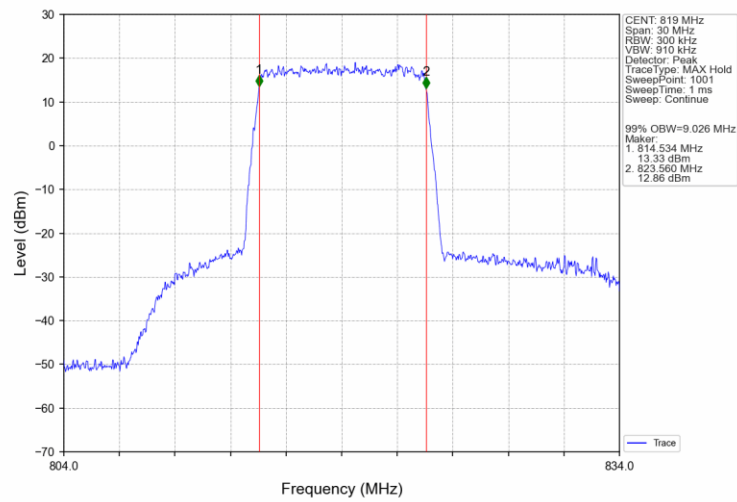
Band26a 5MHz 16QAM HCH 821.5MHz RB 25 0 NTNV



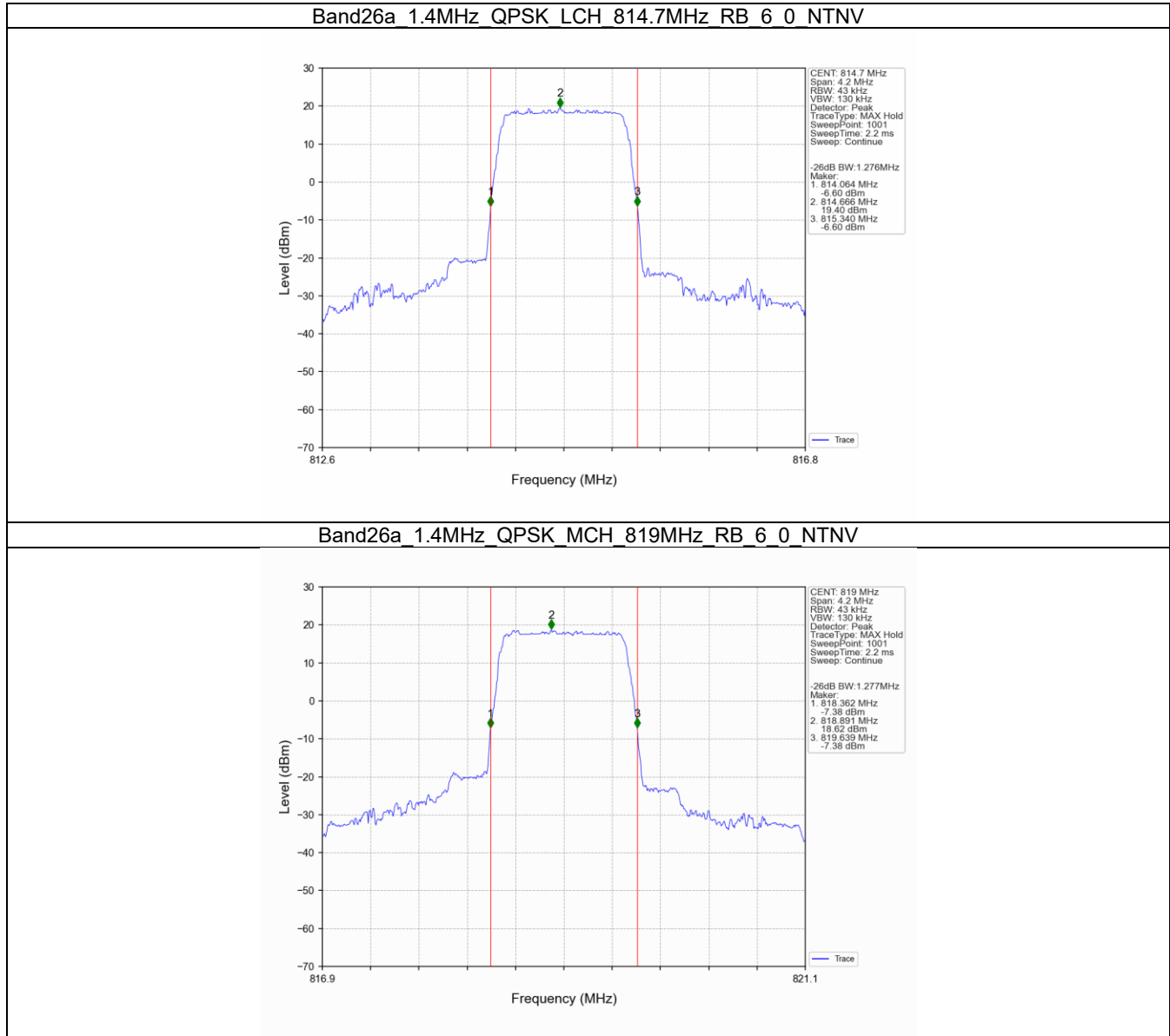
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



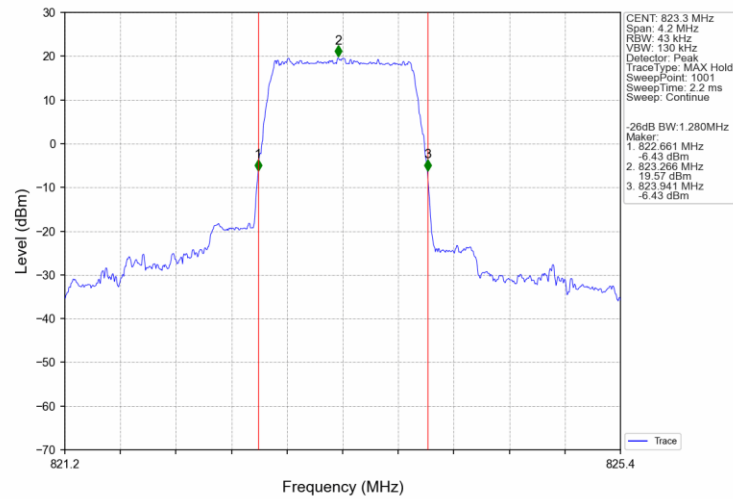
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



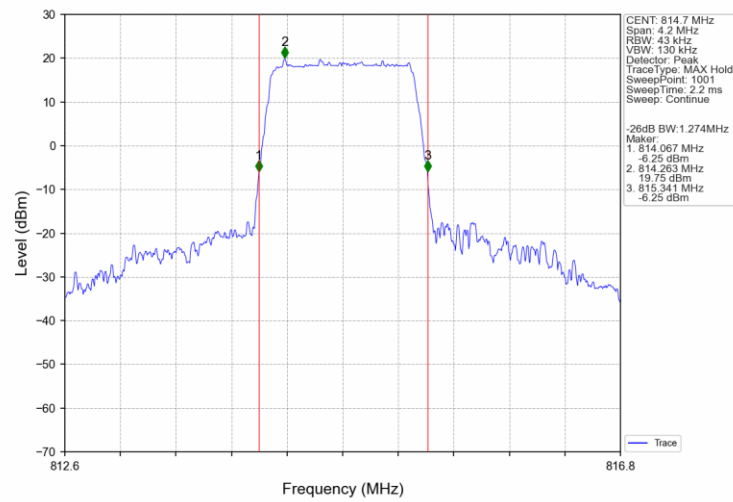
4.2.2 Band26a_XDB



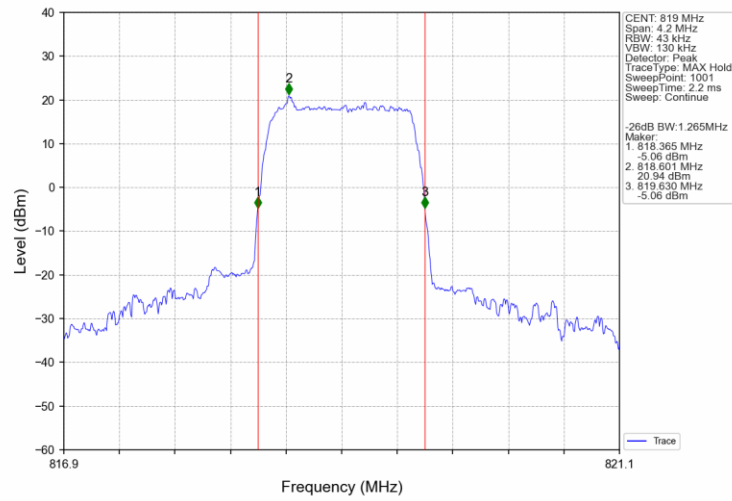
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



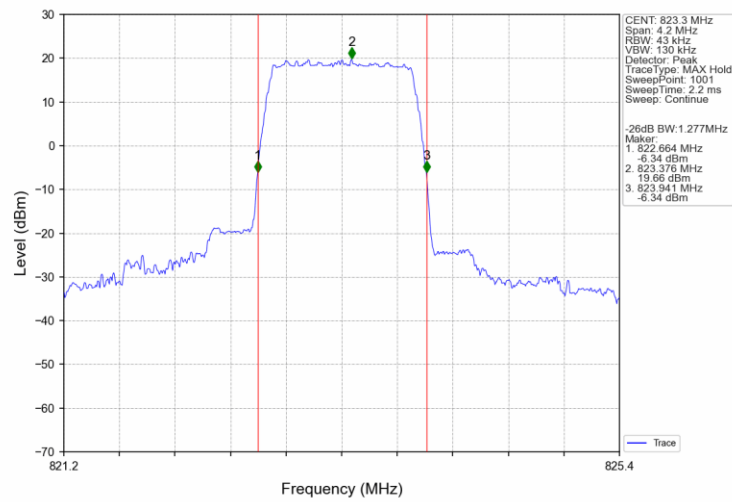
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



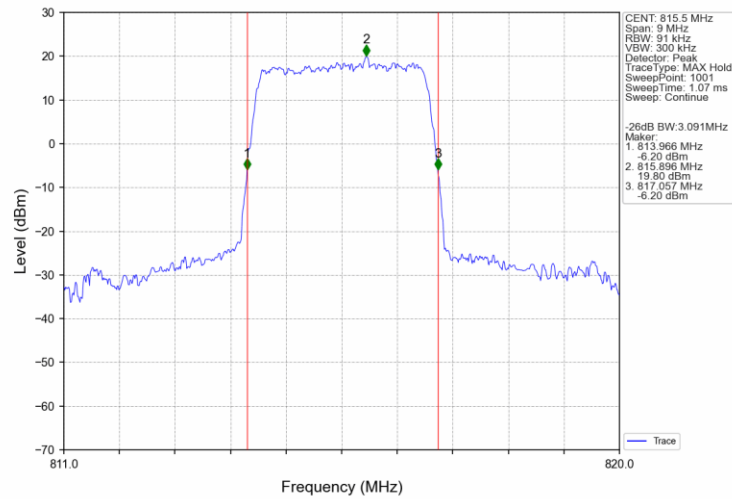
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



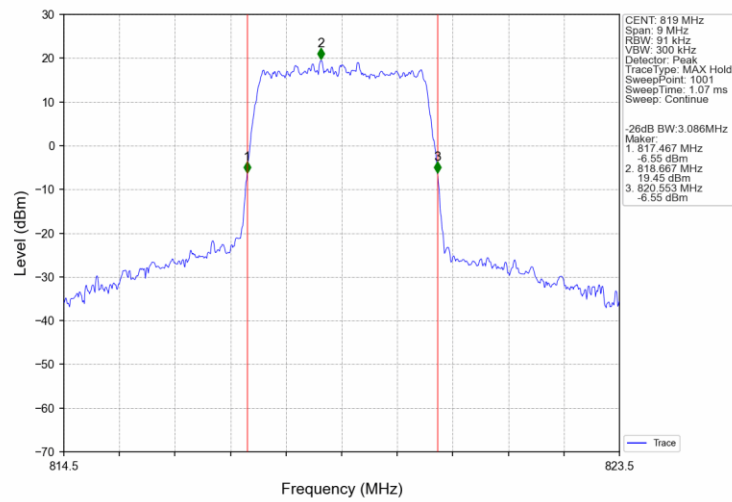
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



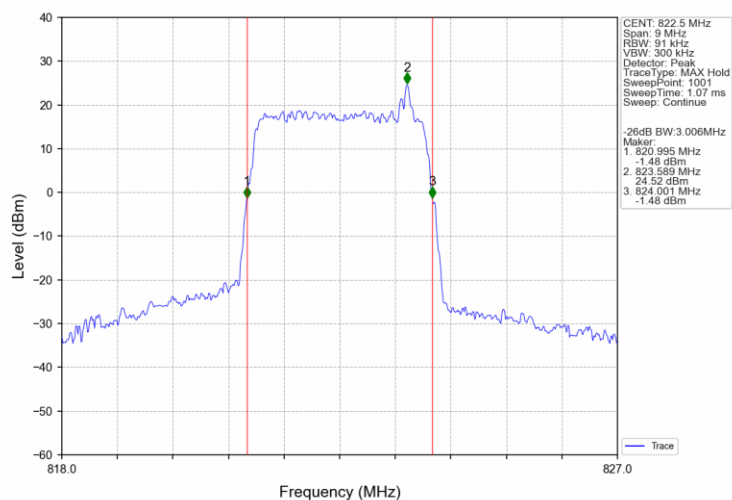
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTNV



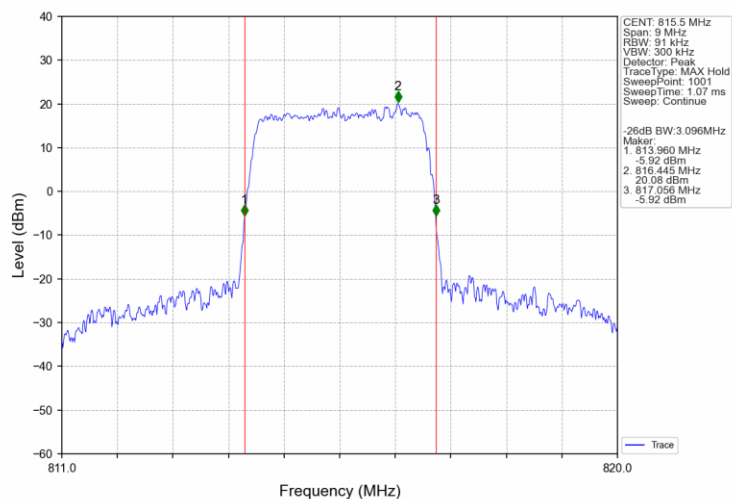
Band26a 3MHz QPSK MCH 819MHz RB 15 0 NTNV



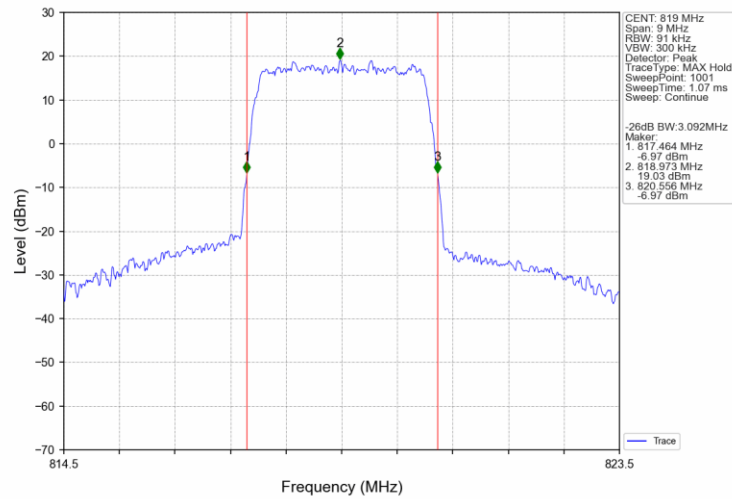
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



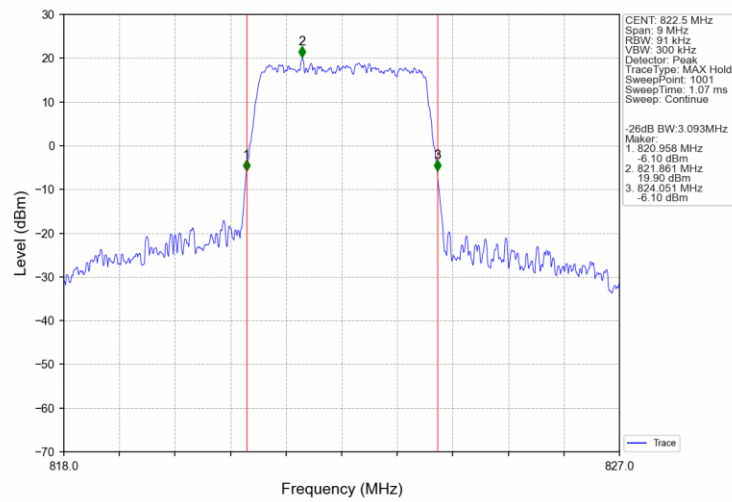
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



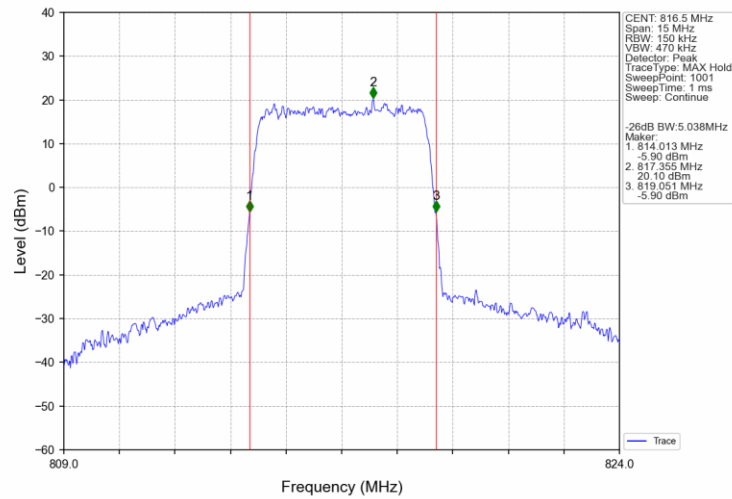
Band26a 3MHz 16QAM MCH 819MHz RB 15 0 NTNV



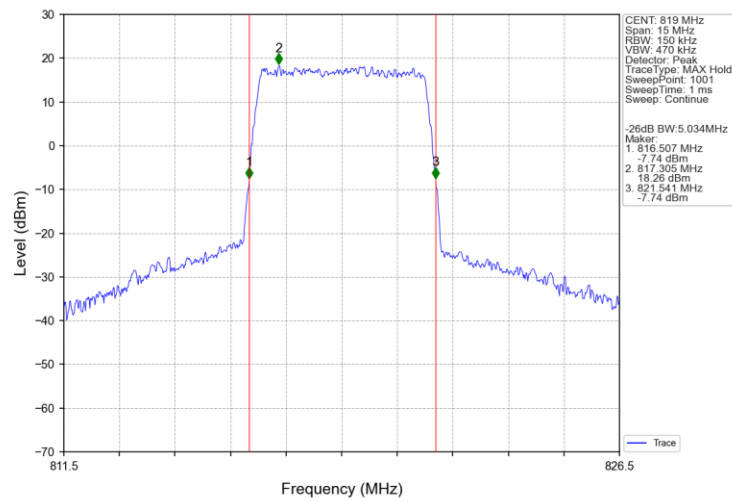
Band26a 3MHz 16QAM HCH 822.5MHz RB 15 0 NTNV



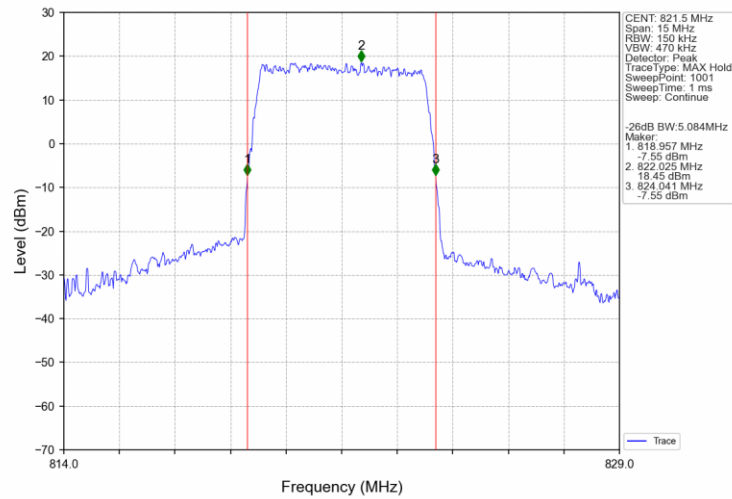
Band26a 5MHz QPSK LCH 816.5MHz RB 25 0 NTNV



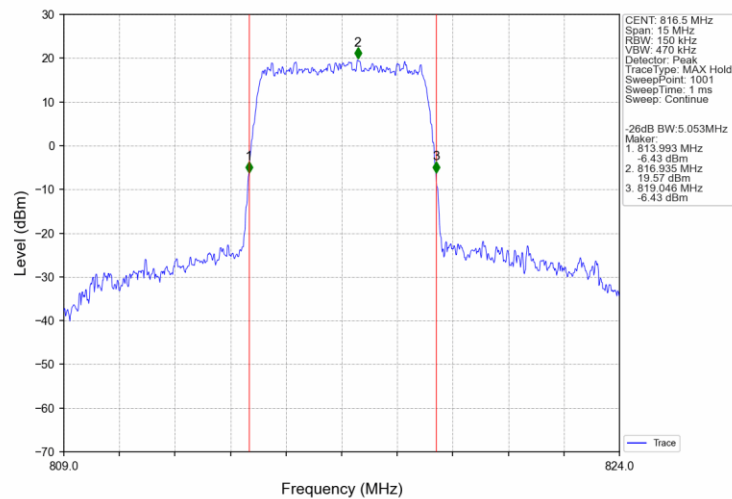
Band26a 5MHz QPSK MCH 819MHz RB 25 0 NTNV



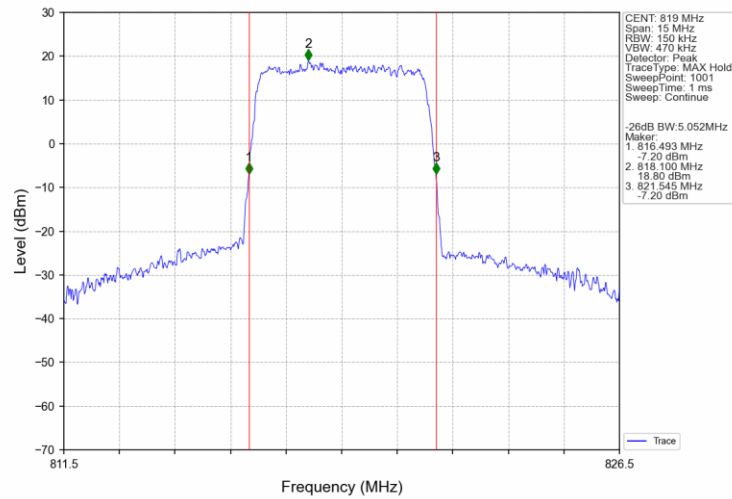
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



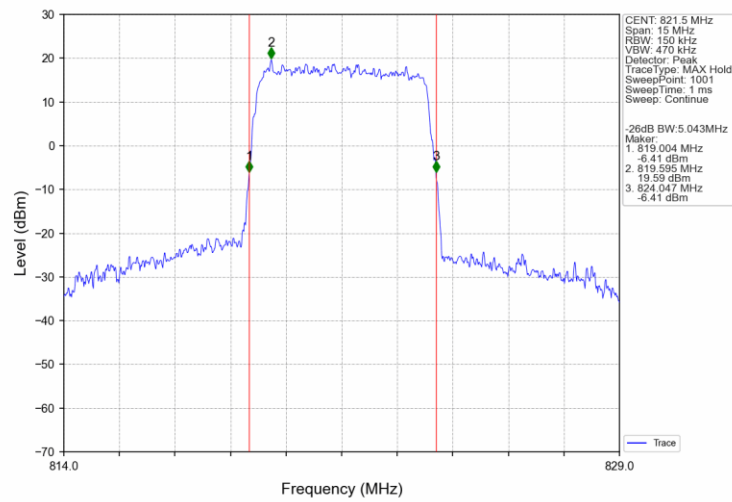
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



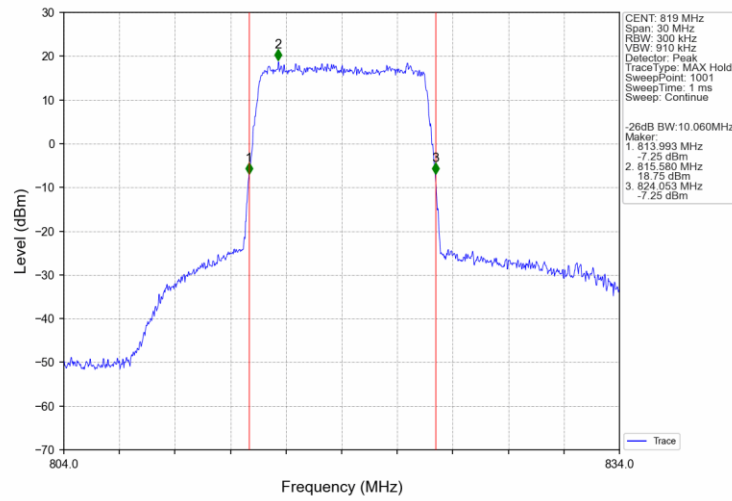
Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV



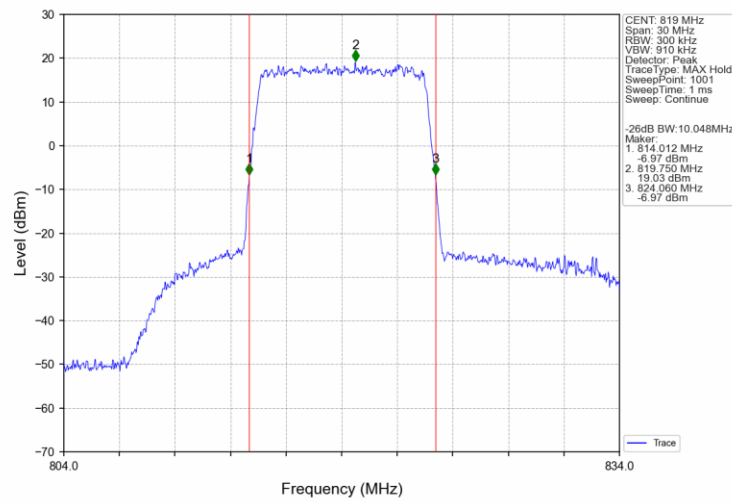
Band26a 5MHz 16QAM HCH 821.5MHz RB 25 0 NTNV



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	5.72	<=13	Pass
	819	6	0	5.81	<=13	Pass
	823.3	6	0	5.76	<=13	Pass
16QAM	814.7	6	0	6.18	<=13	Pass
	819	6	0	6.55	<=13	Pass
	823.3	6	0	6.33	<=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	5.80	<=13	Pass
	819	15	0	5.84	<=13	Pass
	822.5	15	0	5.72	<=13	Pass
16QAM	815.5	15	0	6.39	<=13	Pass
	819	15	0	6.53	<=13	Pass
	822.5	15	0	6.44	<=13	Pass

5.1.3 B26a_5MHz

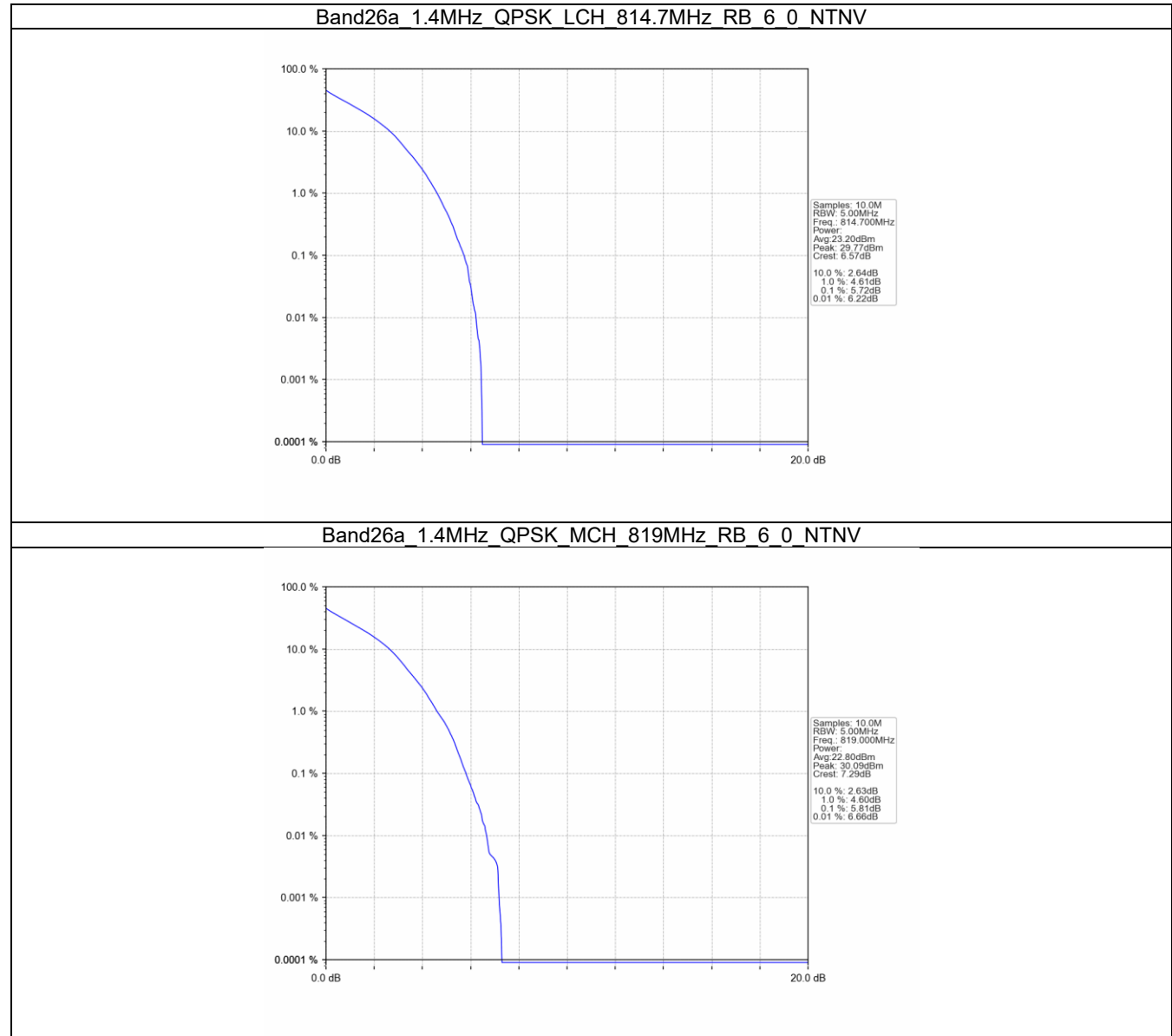
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.74	<=13	Pass
	819	25	0	5.77	<=13	Pass
	821.5	25	0	5.83	<=13	Pass
16QAM	816.5	25	0	6.31	<=13	Pass
	819	25	0	6.50	<=13	Pass
	821.5	25	0	6.47	<=13	Pass

5.1.4 B26a_10MHz

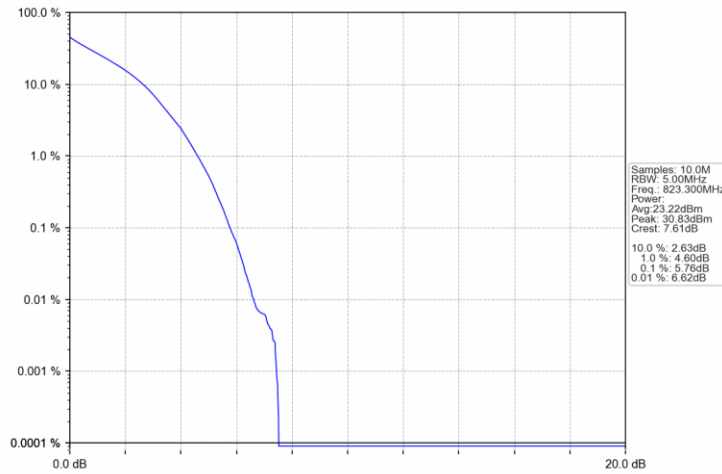
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.77	<=13	Pass
16QAM	819	50	0	6.42	<=13	Pass

5.2 Test Graph

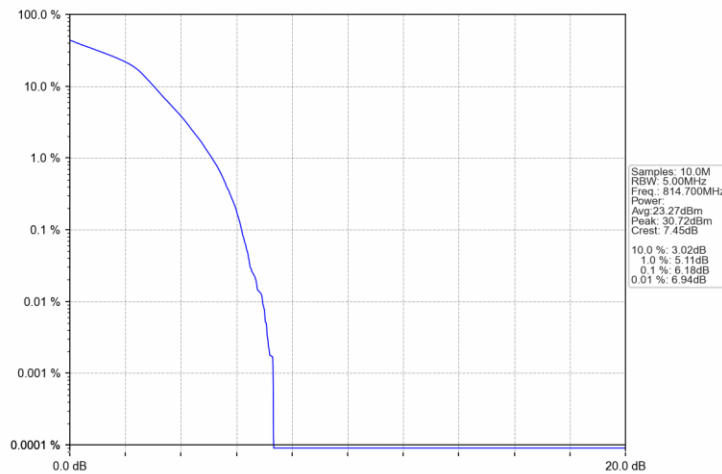
5.2.1 B26a_1.4MHz



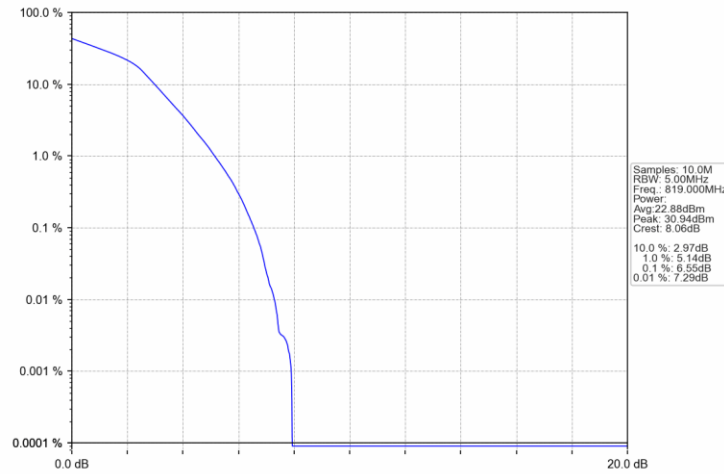
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



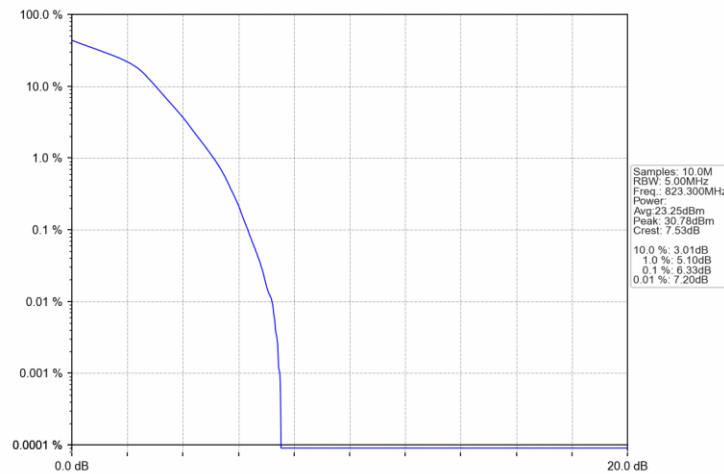
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



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

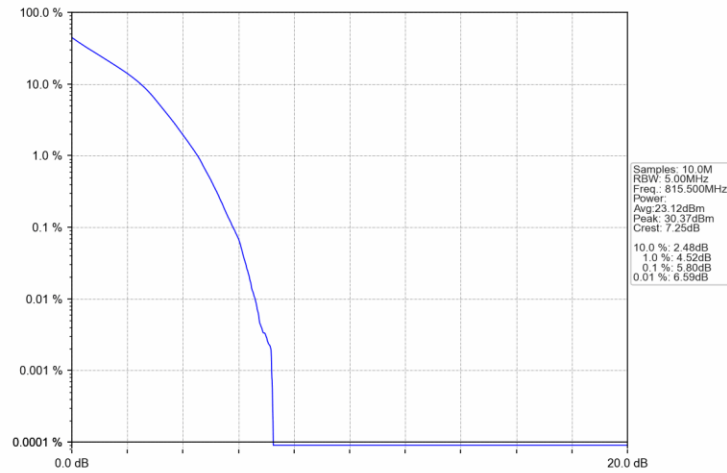


Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV

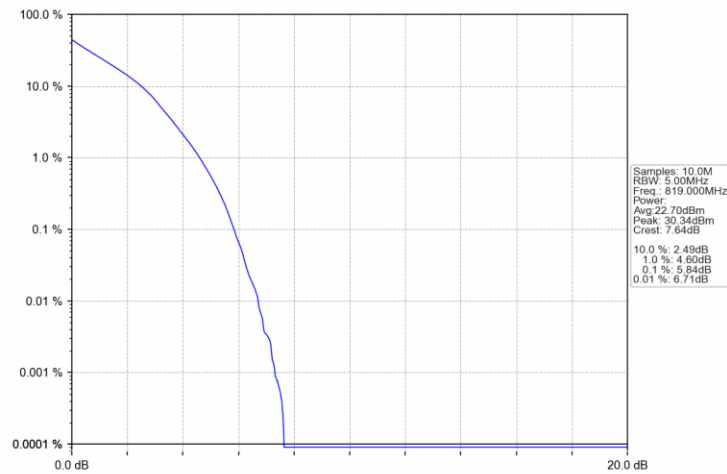


5.2.2 B26a_3MHz

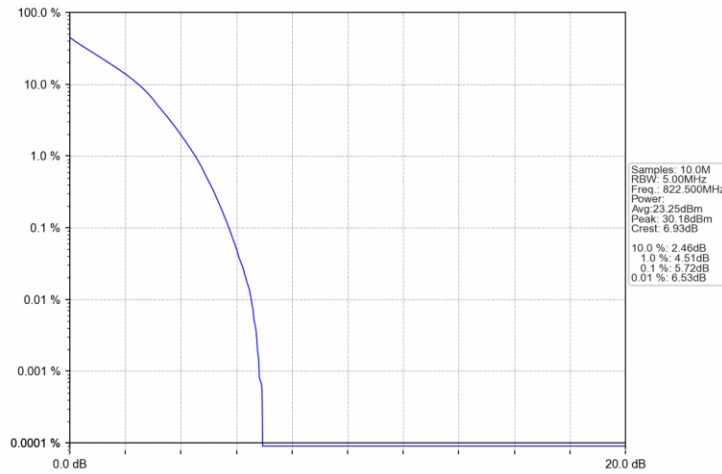
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTV



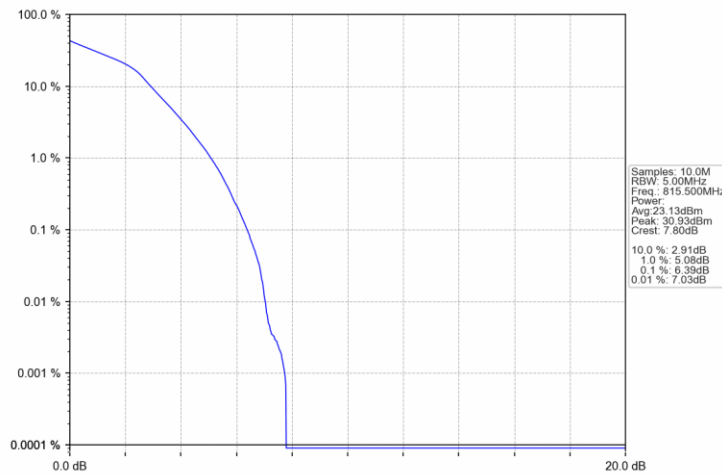
Band26a 3MHz QPSK MCH 819MHz RB 15 0 NTV



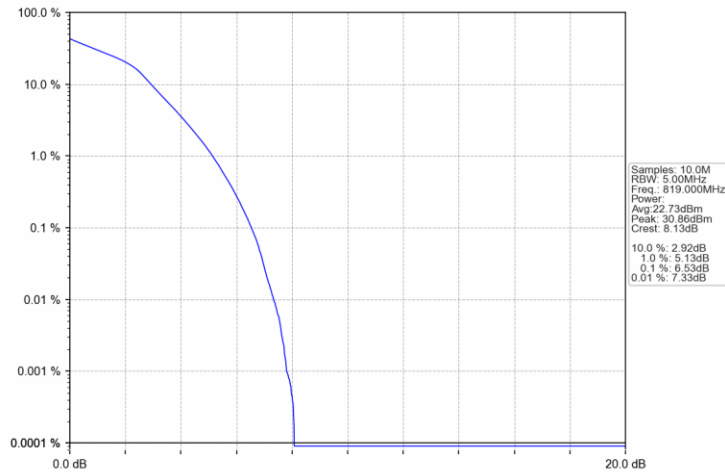
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



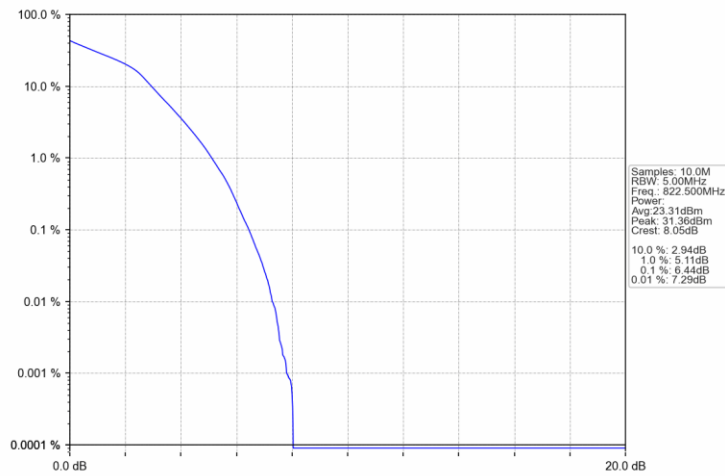
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



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

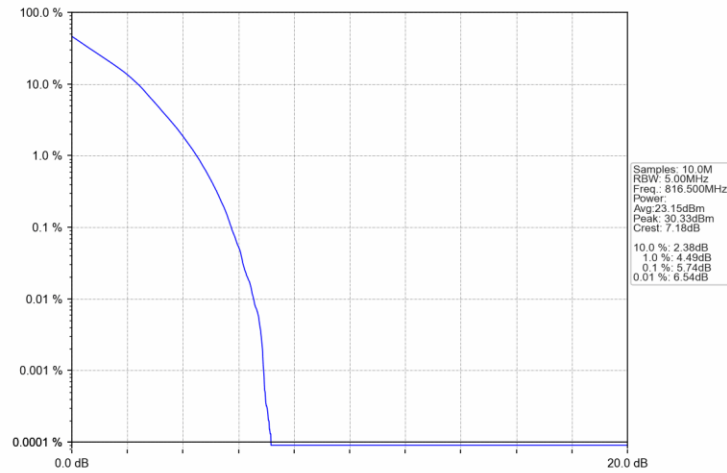


Band26a 3MHz 16QAM HCH 822.5MHz RB 15 0 NTNV

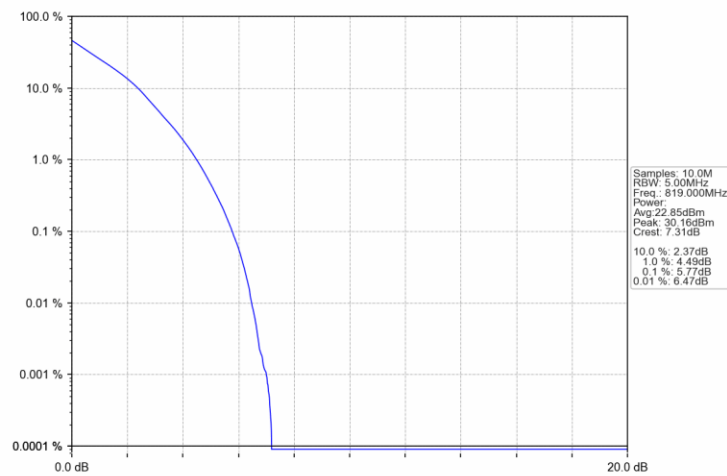


5.2.3 B26a_5MHz

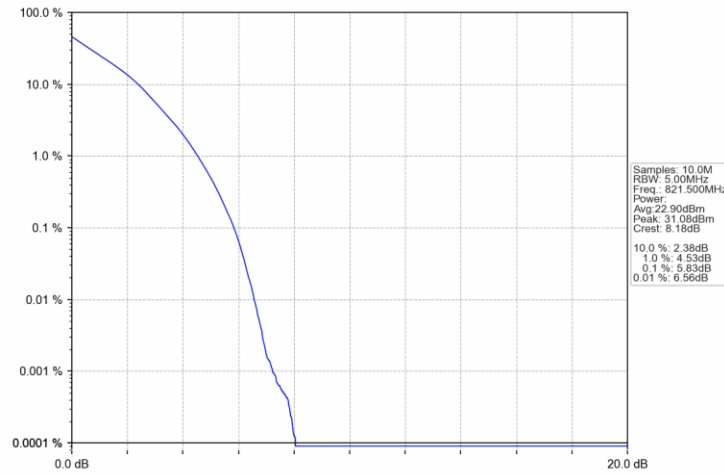
Band26a 5MHz QPSK LCH 816.5MHz RB 25 0 NTV



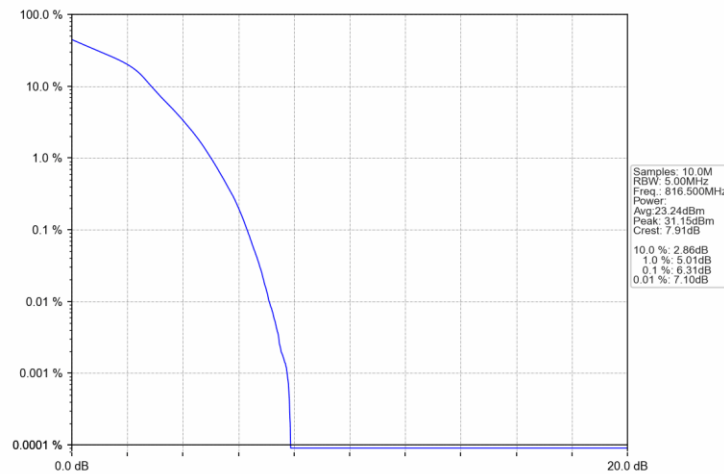
Band26a 5MHz QPSK MCH 819MHz RB 25 0 NTV



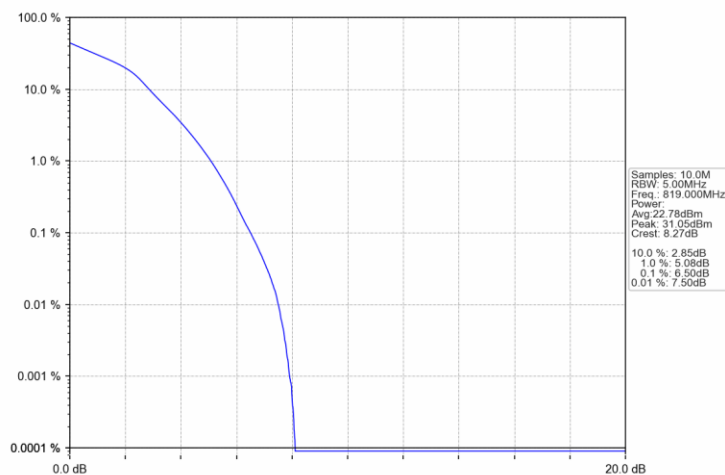
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



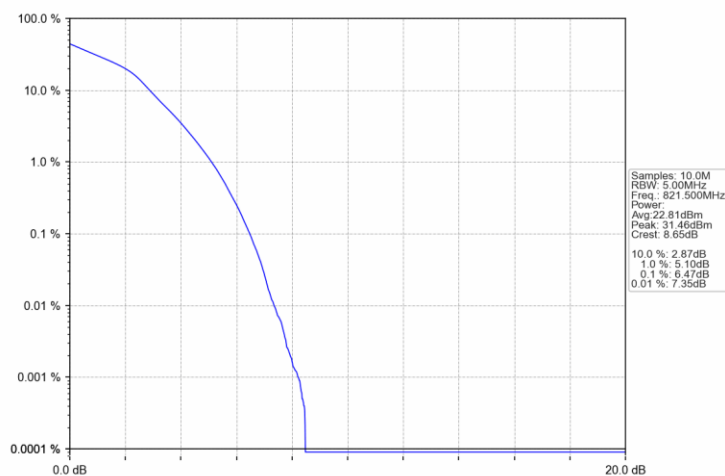
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



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

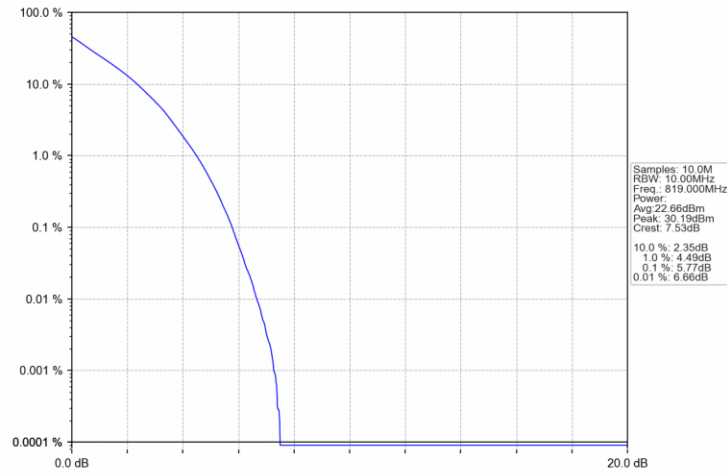


Band26a 5MHz 16QAM HCH 821.5MHz RB 25 0 NTNV

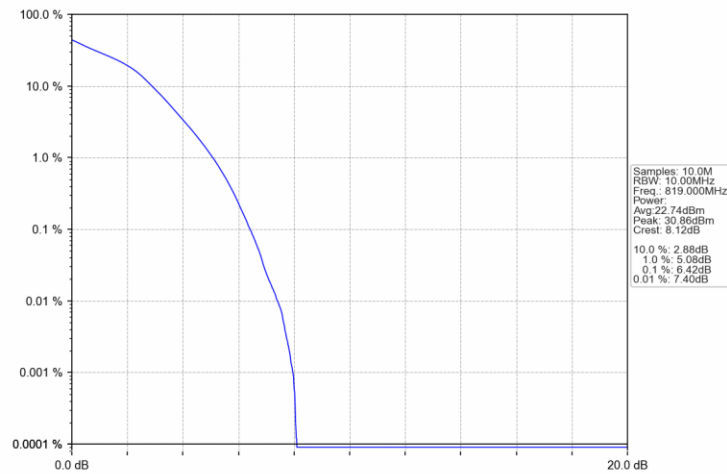


5.2.4 B26a_10MHz

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B26a_1.4MHz

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

6.1.2 B26a_3MHz

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

6.1.3 B26a_5MHz

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

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

6.1.4 B26a_10MHz

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