

Appendix - LTE_band_26a

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	22.18	<=50	Pass
			2	22.23	<=50	Pass
			5	22.21	<=50	Pass
		3	0	22.16	<=50	Pass
			2	22.15	<=50	Pass
			3	22.21	<=50	Pass
		6	0	21.19	<=50	Pass
	819	1	0	22.22	<=50	Pass
			2	22.28	<=50	Pass
			5	22.26	<=50	Pass
		3	0	22.21	<=50	Pass
			2	22.15	<=50	Pass
			3	22.24	<=50	Pass
		6	0	21.17	<=50	Pass
	823.3	1	0	22.16	<=50	Pass
			2	22.19	<=50	Pass
			5	22.20	<=50	Pass
		3	0	22.16	<=50	Pass
			2	22.16	<=50	Pass
			3	22.13	<=50	Pass
		6	0	21.18	<=50	Pass
16QAM	814.7	1	0	21.18	<=50	Pass
			2	21.18	<=50	Pass
			5	21.25	<=50	Pass
		3	0	20.93	<=50	Pass
			2	20.86	<=50	Pass
			3	20.82	<=50	Pass
		6	0	20.31	<=50	Pass
	819	1	0	21.97	<=50	Pass
			2	21.99	<=50	Pass
			5	22.13	<=50	Pass
		3	0	21.08	<=50	Pass
			2	21.12	<=50	Pass
			3	21.03	<=50	Pass
		6	0	20.32	<=50	Pass
	823.3	1	0	21.12	<=50	Pass
			2	21.18	<=50	Pass
			5	21.18	<=50	Pass
		3	0	21.00	<=50	Pass
			2	20.93	<=50	Pass
			3	20.94	<=50	Pass
		6	0	20.24	<=50	Pass

1.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	22.27	<=50	Pass
			7	22.18	<=50	Pass
			14	22.12	<=50	Pass
		8	0	21.17	<=50	Pass
			4	21.19	<=50	Pass
			7	21.55	<=50	Pass
		15	0	21.14	<=50	Pass
	819	1	0	22.19	<=50	Pass
			7	22.22	<=50	Pass
			14	22.28	<=50	Pass
		8	0	21.16	<=50	Pass
			4	21.16	<=50	Pass
			7	21.13	<=50	Pass
		15	0	21.08	<=50	Pass
	822.5	1	0	22.03	<=50	Pass
			7	22.14	<=50	Pass
			14	22.05	<=50	Pass
		8	0	21.19	<=50	Pass
			4	21.23	<=50	Pass
			7	21.24	<=50	Pass
		15	0	21.22	<=50	Pass
16QAM	815.5	1	0	21.47	<=50	Pass
			7	21.43	<=50	Pass
			14	21.78	<=50	Pass
		8	0	20.34	<=50	Pass
			4	20.32	<=50	Pass
			7	20.72	<=50	Pass
		15	0	20.23	<=50	Pass
	819	1	0	22.36	<=50	Pass
			7	21.97	<=50	Pass
			14	22.01	<=50	Pass
		8	0	20.32	<=50	Pass
			4	20.25	<=50	Pass
			7	20.19	<=50	Pass
		15	0	20.25	<=50	Pass
	822.5	1	0	21.98	<=50	Pass
			7	22.02	<=50	Pass
			14	21.99	<=50	Pass
		8	0	20.48	<=50	Pass
			4	20.36	<=50	Pass
			7	20.46	<=50	Pass
		15	0	20.30	<=50	Pass

1.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	22.14	<=50	Pass
			13	22.09	<=50	Pass
			24	22.08	<=50	Pass
		12	0	21.06	<=50	Pass
			6	21.46	<=50	Pass
			13	21.44	<=50	Pass
		25	0	21.56	<=50	Pass

16QAM	819	1	0	22.04	<=50	Pass
			13	22.08	<=50	Pass
			24	22.09	<=50	Pass
		12	0	21.48	<=50	Pass
			6	21.04	<=50	Pass
			13	21.08	<=50	Pass
	821.5	25	0	21.01	<=50	Pass
			0	21.97	<=50	Pass
			13	21.96	<=50	Pass
		1	24	22.03	<=50	Pass
			0	21.20	<=50	Pass
			6	21.18	<=50	Pass
		12	13	21.12	<=50	Pass
			0	21.18	<=50	Pass
			25	21.18	<=50	Pass
16QAM	816.5	1	0	21.31	<=50	Pass
			13	21.66	<=50	Pass
			24	21.32	<=50	Pass
		12	0	20.00	<=50	Pass
			6	20.43	<=50	Pass
			13	20.45	<=50	Pass
	819	25	0	20.52	<=50	Pass
			0	20.94	<=50	Pass
			13	20.56	<=50	Pass
		1	24	20.54	<=50	Pass
			0	20.50	<=50	Pass
			6	20.06	<=50	Pass
		12	13	20.12	<=50	Pass
			0	20.16	<=50	Pass
			25	20.16	<=50	Pass
16QAM	821.5	1	0	21.49	<=50	Pass
			13	21.57	<=50	Pass
			24	21.63	<=50	Pass
		12	0	20.16	<=50	Pass
			6	20.17	<=50	Pass
			13	20.11	<=50	Pass
		25	0	20.25	<=50	Pass
			0	20.25	<=50	Pass
			25	20.25	<=50	Pass

1.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	21.99	<=50	Pass
			25	21.98	<=50	Pass
			49	22.04	<=50	Pass
		25	0	21.42	<=50	Pass
			13	21.06	<=50	Pass
			25	21.15	<=50	Pass
16QAM	819	50	0	21.07	<=50	Pass
			0	21.27	<=50	Pass
			25	21.24	<=50	Pass
		1	49	21.27	<=50	Pass
			0	20.75	<=50	Pass
			13	20.33	<=50	Pass
		25	25	20.36	<=50	Pass
			0	20.20	<=50	Pass
			0	20.20	<=50	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	814.7	6	0	20	3.27	17.610	0.0216	-2.5 to 2.5	Pass
					3.85	3.405	0.0042	-2.5 to 2.5	Pass
					4.43	-9.584	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-20.370	-0.0250	-2.5 to 2.5	Pass
				-20	3.85	-29.140	-0.0358	-2.5 to 2.5	Pass
				-10	3.85	-32.029	-0.0393	-2.5 to 2.5	Pass
				0	3.85	-38.066	-0.0467	-2.5 to 2.5	Pass
				10	3.85	-37.308	-0.0458	-2.5 to 2.5	Pass
				30	3.85	-38.481	-0.0472	-2.5 to 2.5	Pass
				40	3.85	-35.620	-0.0437	-2.5 to 2.5	Pass
				50	3.85	-38.180	-0.0469	-2.5 to 2.5	Pass
	819	6	0	20	3.27	18.482	0.0226	-2.5 to 2.5	Pass
					3.85	7.811	0.0095	-2.5 to 2.5	Pass
					4.43	-8.268	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-20.199	-0.0247	-2.5 to 2.5	Pass
				-20	3.85	-27.180	-0.0332	-2.5 to 2.5	Pass
				-10	3.85	-32.830	-0.0401	-2.5 to 2.5	Pass
				0	3.85	-33.903	-0.0414	-2.5 to 2.5	Pass
				10	3.85	-39.854	-0.0487	-2.5 to 2.5	Pass
				30	3.85	-7.224	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	11.745	0.0143	-2.5 to 2.5	Pass
					3.85	-8.826	-0.0107	-2.5 to 2.5	Pass
					4.43	-34.533	-0.0419	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-17.223	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-34.204	-0.0415	-2.5 to 2.5	Pass
				0	3.85	-16.651	-0.0202	-2.5 to 2.5	Pass
				10	3.85	-5.865	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-11.015	-0.0134	-2.5 to 2.5	Pass
				40	3.85	-18.253	-0.0222	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	-35.548	-0.0436	-2.5 to 2.5	Pass
					3.85	-25.148	-0.0309	-2.5 to 2.5	Pass
					4.43	-15.407	-0.0189	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	2.561	0.0031	-2.5 to 2.5	Pass
				-10	3.85	5.150	0.0063	-2.5 to 2.5	Pass
				0	3.85	6.981	0.0086	-2.5 to 2.5	Pass
				10	3.85	12.946	0.0159	-2.5 to 2.5	Pass
				30	3.85	20.728	0.0254	-2.5 to 2.5	Pass
				40	3.85	24.133	0.0296	-2.5 to 2.5	Pass
				50	3.85	25.706	0.0316	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-3.691	-0.0045	-2.5 to 2.5	Pass
					3.85	2.303	0.0028	-2.5 to 2.5	Pass
					4.43	6.866	0.0084	-2.5 to 2.5	Pass
				-30	3.85	15.435	0.0188	-2.5 to 2.5	Pass
				-20	3.85	20.199	0.0247	-2.5 to 2.5	Pass

				-10	3.85	21.572	0.0263	-2.5 to 2.5	Pass
				0	3.85	22.759	0.0278	-2.5 to 2.5	Pass
				10	3.85	24.748	0.0302	-2.5 to 2.5	Pass
				30	3.85	19.169	0.0234	-2.5 to 2.5	Pass
				40	3.85	24.991	0.0305	-2.5 to 2.5	Pass
				50	3.85	25.449	0.0311	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-27.666	-0.0336	-2.5 to 2.5	Pass
					3.85	-19.999	-0.0243	-2.5 to 2.5	Pass
					4.43	-15.049	-0.0183	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-6.266	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.360	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0050	-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	-3.219	-0.0039	-2.5 to 2.5	Pass
					3.85	-17.982	-0.0221	-2.5 to 2.5	Pass
					4.43	-20.313	-0.0249	-2.5 to 2.5	Pass
				-30	3.85	-9.627	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-32.272	-0.0396	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-16.179	-0.0198	-2.5 to 2.5	Pass
				10	3.85	-27.165	-0.0333	-2.5 to 2.5	Pass
				30	3.85	-34.776	-0.0426	-2.5 to 2.5	Pass
				40	3.85	-41.900	-0.0514	-2.5 to 2.5	Pass
				50	3.85	-48.966	-0.0600	-2.5 to 2.5	Pass
	819	15	0	20	3.27	13.404	0.0164	-2.5 to 2.5	Pass
					3.85	2.418	0.0030	-2.5 to 2.5	Pass
					4.43	-10.500	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-21.386	-0.0261	-2.5 to 2.5	Pass
				-20	3.85	-29.783	-0.0364	-2.5 to 2.5	Pass
				-10	3.85	-30.870	-0.0377	-2.5 to 2.5	Pass
				0	3.85	-39.196	-0.0479	-2.5 to 2.5	Pass
				10	3.85	-42.715	-0.0522	-2.5 to 2.5	Pass
				30	3.85	-48.323	-0.0590	-2.5 to 2.5	Pass
				40	3.85	-47.393	-0.0579	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	12.088	0.0147	-2.5 to 2.5	Pass
					3.85	-7.453	-0.0091	-2.5 to 2.5	Pass
					4.43	-30.398	-0.0370	-2.5 to 2.5	Pass
				-30	3.85	-7.195	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-23.618	-0.0287	-2.5 to 2.5	Pass
				-10	3.85	-34.904	-0.0424	-2.5 to 2.5	Pass
				0	3.85	-41.385	-0.0503	-2.5 to 2.5	Pass
				10	3.85	-27.523	-0.0335	-2.5 to 2.5	Pass
				30	3.85	-13.061	-0.0159	-2.5 to 2.5	Pass
				40	3.85	-20.070	-0.0244	-2.5 to 2.5	Pass
				50	3.85	-20.700	-0.0252	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	6.766	0.0083	-2.5 to 2.5	Pass
					3.85	42.243	0.0518	-2.5 to 2.5	Pass

					4.43	15.607	0.0191	-2.5 to 2.5	Pass
				-30	3.85	34.704	0.0426	-2.5 to 2.5	Pass
				-20	3.85	7.868	0.0096	-2.5 to 2.5	Pass
				-10	3.85	22.588	0.0277	-2.5 to 2.5	Pass
				0	3.85	32.630	0.0400	-2.5 to 2.5	Pass
				10	3.85	43.745	0.0536	-2.5 to 2.5	Pass
				30	3.85	7.482	0.0092	-2.5 to 2.5	Pass
				40	3.85	19.341	0.0237	-2.5 to 2.5	Pass
				50	3.85	27.795	0.0341	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-4.706	-0.0057	-2.5 to 2.5	Pass
					3.85	6.509	0.0079	-2.5 to 2.5	Pass
					4.43	16.479	0.0201	-2.5 to 2.5	Pass
				-30	3.85	23.546	0.0287	-2.5 to 2.5	Pass
				-20	3.85	30.255	0.0369	-2.5 to 2.5	Pass
				-10	3.85	36.035	0.0440	-2.5 to 2.5	Pass
				0	3.85	44.246	0.0540	-2.5 to 2.5	Pass
				10	3.85	7.253	0.0089	-2.5 to 2.5	Pass
				30	3.85	17.381	0.0212	-2.5 to 2.5	Pass
				40	3.85	19.927	0.0243	-2.5 to 2.5	Pass
				50	3.85	24.991	0.0305	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-23.847	-0.0290	-2.5 to 2.5	Pass
					3.85	-14.834	-0.0180	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-2.346	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	5.093	0.0062	-2.5 to 2.5	Pass
				-10	3.85	9.427	0.0115	-2.5 to 2.5	Pass
				0	3.85	17.180	0.0209	-2.5 to 2.5	Pass
				10	3.85	20.442	0.0249	-2.5 to 2.5	Pass
				30	3.85	22.416	0.0273	-2.5 to 2.5	Pass
				40	3.85	25.792	0.0314	-2.5 to 2.5	Pass
				50	3.85	27.852	0.0339	-2.5 to 2.5	Pass

2.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	3.27	-18.497	-0.0227	-2.5 to 2.5	Pass
					3.85	-35.205	-0.0431	-2.5 to 2.5	Pass
					4.43	-29.254	-0.0358	-2.5 to 2.5	Pass
				-30	3.85	-42.501	-0.0521	-2.5 to 2.5	Pass
				-20	3.85	-42.272	-0.0518	-2.5 to 2.5	Pass
				-10	3.85	-26.350	-0.0323	-2.5 to 2.5	Pass
				0	3.85	-3.891	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-25.635	-0.0314	-2.5 to 2.5	Pass
				30	3.85	-40.412	-0.0495	-2.5 to 2.5	Pass
				40	3.85	-25.191	-0.0309	-2.5 to 2.5	Pass
	50	3.85	-14.505	-0.0178	-2.5 to 2.5	Pass			
	819	25	0	20	3.27	14.834	0.0181	-2.5 to 2.5	Pass
					3.85	7.625	0.0093	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-18.067	-0.0221	-2.5 to 2.5	Pass
				-20	3.85	-27.308	-0.0333	-2.5 to 2.5	Pass
				-10	3.85	-35.605	-0.0435	-2.5 to 2.5	Pass
				0	3.85	-40.827	-0.0498	-2.5 to 2.5	Pass
				10	3.85	-44.918	-0.0548	-2.5 to 2.5	Pass
				30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-7.539	-0.0092	-2.5 to 2.5	Pass

16QAM	821.5	25	0	50	3.85	-9.942	-0.0121	-2.5 to 2.5	Pass
				20	3.27	15.178	0.0185	-2.5 to 2.5	Pass
					3.85	5.708	0.0069	-2.5 to 2.5	Pass
					4.43	-10.428	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-40.898	-0.0498	-2.5 to 2.5	Pass
				-20	3.85	-12.774	-0.0155	-2.5 to 2.5	Pass
				-10	3.85	-25.592	-0.0312	-2.5 to 2.5	Pass
				0	3.85	-35.062	-0.0427	-2.5 to 2.5	Pass
				10	3.85	-43.745	-0.0533	-2.5 to 2.5	Pass
				30	3.85	-4.921	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-11.230	-0.0137	-2.5 to 2.5	Pass
				50	3.85	-18.783	-0.0229	-2.5 to 2.5	Pass
	816.5	25	0	20	3.27	-28.524	-0.0349	-2.5 to 2.5	Pass
					3.85	-6.094	-0.0075	-2.5 to 2.5	Pass
					4.43	-23.861	-0.0292	-2.5 to 2.5	Pass
				-30	3.85	-16.522	-0.0202	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-36.049	-0.0442	-2.5 to 2.5	Pass
				0	3.85	-13.175	-0.0161	-2.5 to 2.5	Pass
				10	3.85	-36.206	-0.0443	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-17.667	-0.0216	-2.5 to 2.5	Pass
				50	3.85	-32.115	-0.0393	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-11.044	-0.0135	-2.5 to 2.5	Pass
					3.85	-17.409	-0.0213	-2.5 to 2.5	Pass
					4.43	-22.416	-0.0274	-2.5 to 2.5	Pass
				-30	3.85	-24.762	-0.0302	-2.5 to 2.5	Pass
				-20	3.85	-28.396	-0.0347	-2.5 to 2.5	Pass
				-10	3.85	-31.013	-0.0379	-2.5 to 2.5	Pass
				0	3.85	-36.020	-0.0440	-2.5 to 2.5	Pass
				10	3.85	-40.641	-0.0496	-2.5 to 2.5	Pass
				30	3.85	-43.015	-0.0525	-2.5 to 2.5	Pass
				40	3.85	-44.317	-0.0541	-2.5 to 2.5	Pass
				50	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-27.637	-0.0336	-2.5 to 2.5	Pass
					3.85	-37.322	-0.0454	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-2.704	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-34.275	-0.0417	-2.5 to 2.5	Pass
				-10	3.85	-8.769	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-26.050	-0.0317	-2.5 to 2.5	Pass
				10	3.85	-41.184	-0.0501	-2.5 to 2.5	Pass
				30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-10.829	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-20.785	-0.0253	-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	24.405	0.0298	-2.5 to 2.5	Pass
					3.85	14.334	0.0175	-2.5 to 2.5	Pass
					4.43	5.193	0.0063	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.881	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-10.600	-0.0129	-2.5 to 2.5	Pass
				0	3.85	-13.833	-0.0169	-2.5 to 2.5	Pass

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Version: 1/00

16QAM	819	50	0	10	3.85	-16.980	-0.0207	-2.5 to 2.5	Pass
				30	3.85	-18.854	-0.0230	-2.5 to 2.5	Pass
				40	3.85	-19.126	-0.0234	-2.5 to 2.5	Pass
				50	3.85	-21.243	-0.0259	-2.5 to 2.5	Pass
				20	3.27	-20.499	-0.0250	-2.5 to 2.5	Pass
					3.85	-9.956	-0.0122	-2.5 to 2.5	Pass
					4.43	0.172	0.0002	-2.5 to 2.5	Pass
				-30	3.85	6.537	0.0080	-2.5 to 2.5	Pass
				-20	3.85	11.702	0.0143	-2.5 to 2.5	Pass
				-10	3.85	17.881	0.0218	-2.5 to 2.5	Pass
				0	3.85	15.707	0.0192	-2.5 to 2.5	Pass
				10	3.85	18.640	0.0228	-2.5 to 2.5	Pass
				30	3.85	24.261	0.0296	-2.5 to 2.5	Pass
				40	3.85	31.600	0.0386	-2.5 to 2.5	Pass
				50	3.85	32.444	0.0396	-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

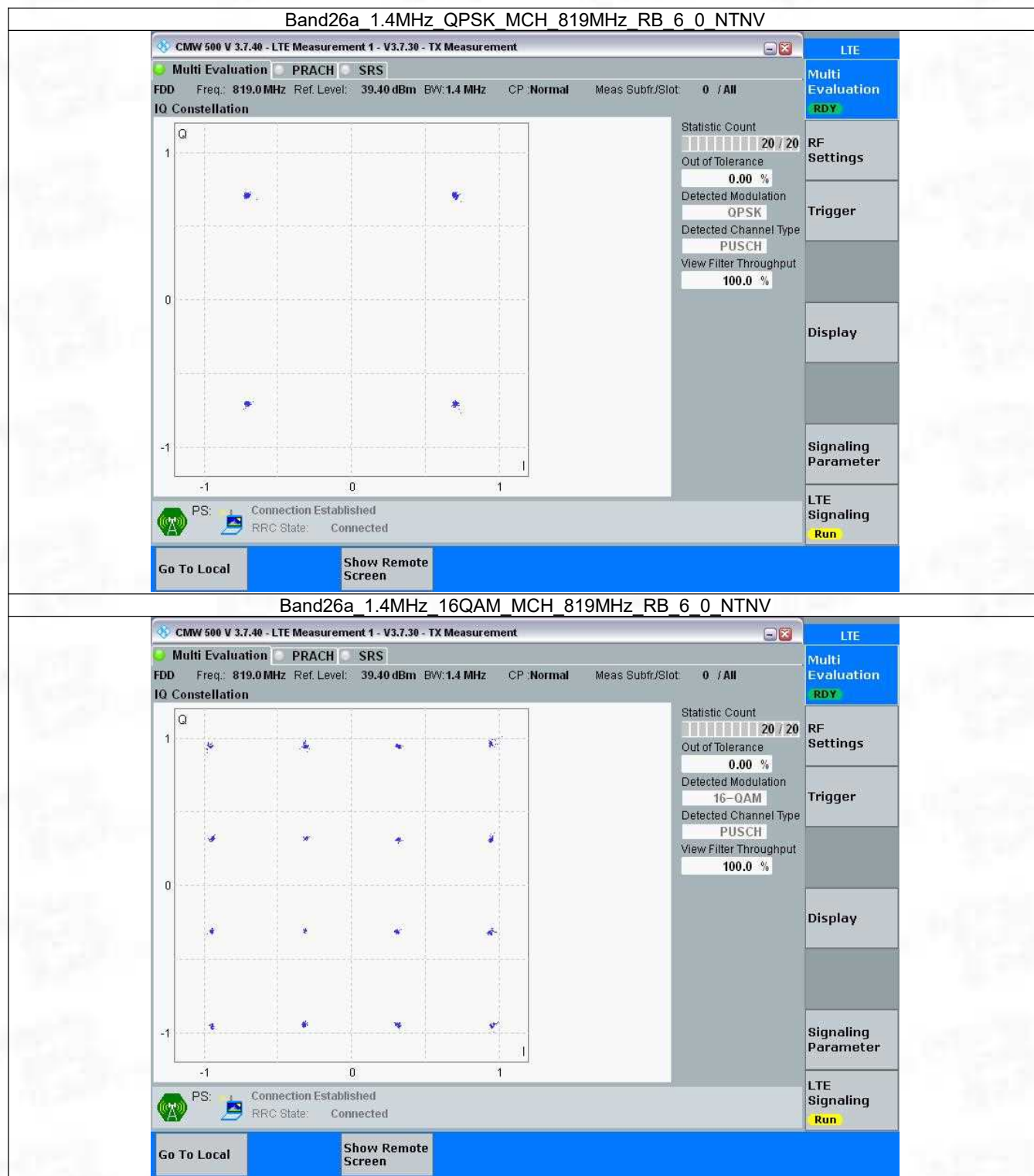
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

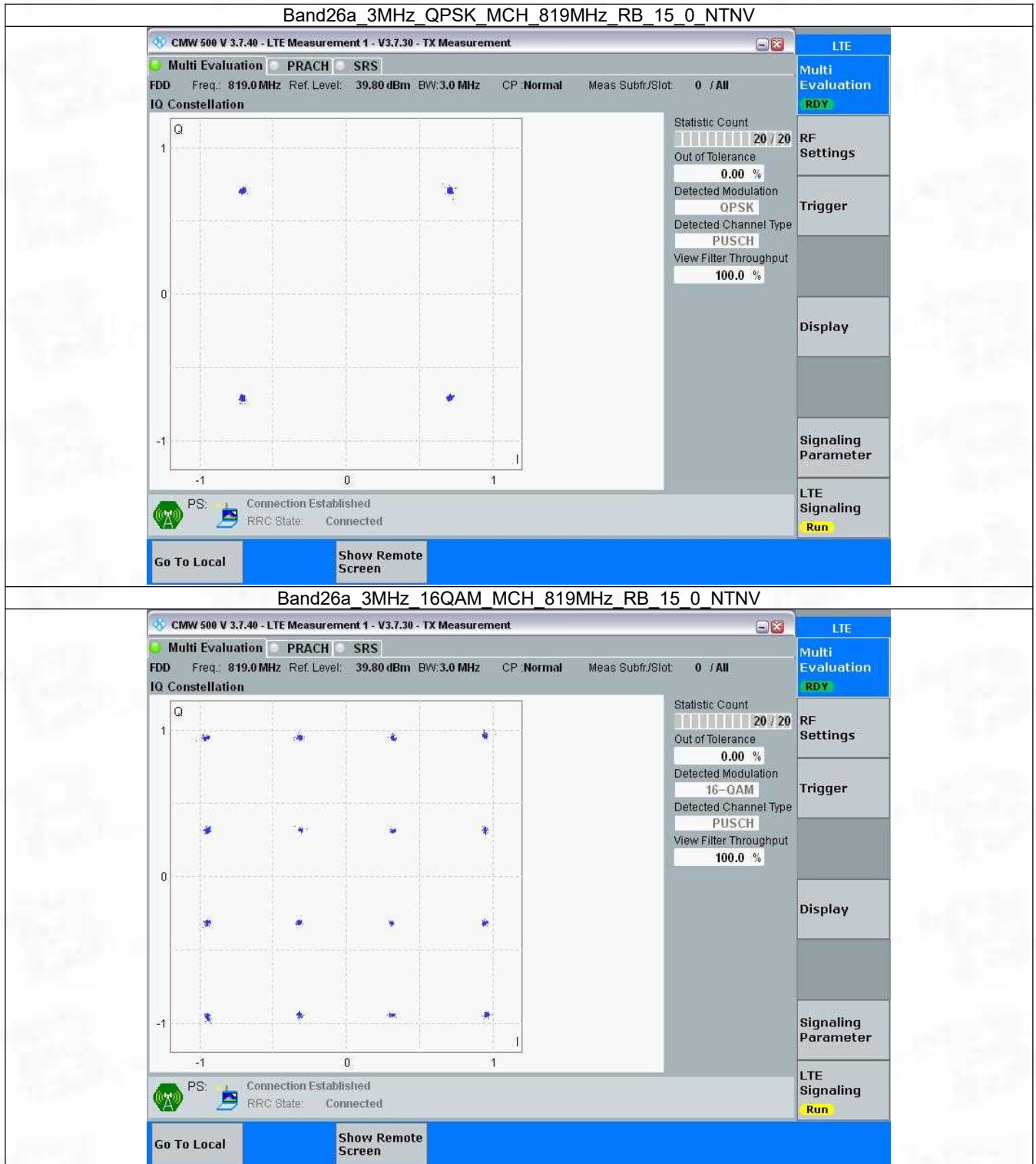
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

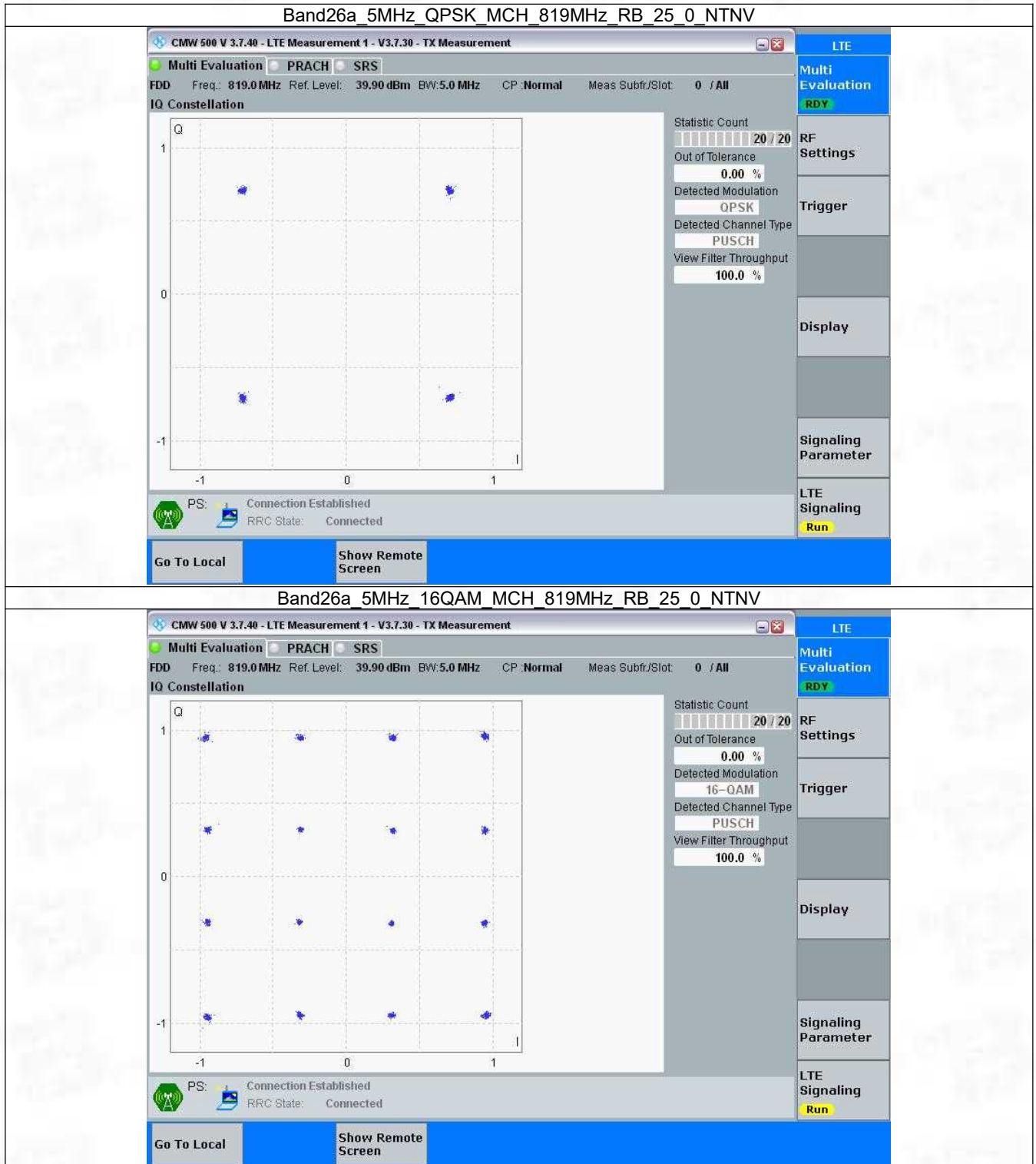
3.2.1 B26a_1.4MHz



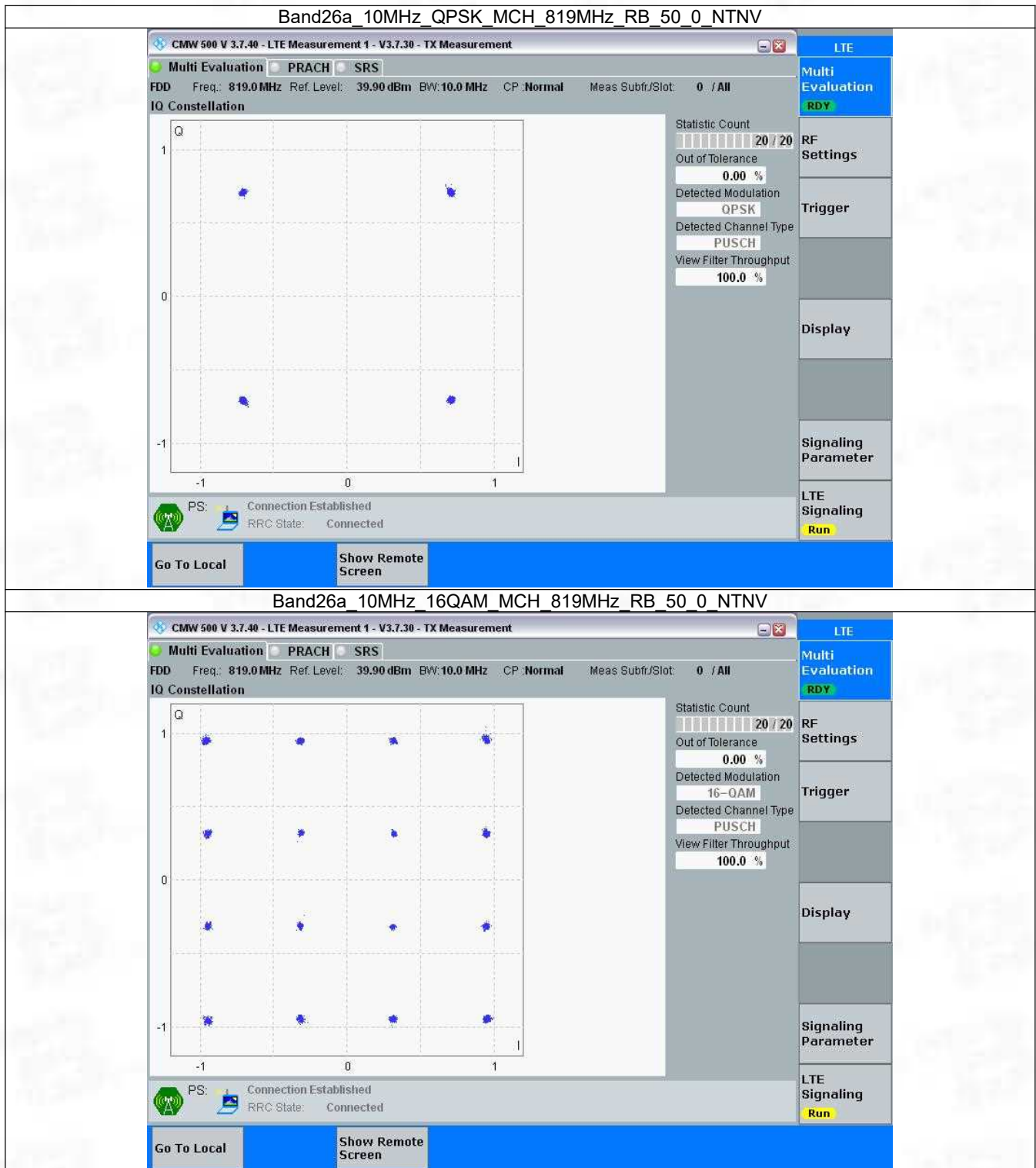
3.2.2 B26a_3MHz



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	1.118	/	Pass
		819	6	0	1.109	/	Pass
		823.3	6	0	1.100	/	Pass
	16QAM	814.7	6	0	1.118	/	Pass
		819	6	0	1.113	/	Pass
		823.3	6	0	1.102	/	Pass
3	QPSK	815.5	15	0	2.750	/	Pass
		819	15	0	2.754	/	Pass
		822.5	15	0	2.763	/	Pass
	16QAM	815.5	15	0	2.752	/	Pass
		819	15	0	2.750	/	Pass
		822.5	15	0	2.748	/	Pass
5	QPSK	816.5	25	0	4.550	/	Pass
		819	25	0	4.561	/	Pass
		821.5	25	0	4.543	/	Pass
	16QAM	816.5	25	0	4.558	/	Pass
		819	25	0	4.530	/	Pass
		821.5	25	0	4.555	/	Pass
10	QPSK	819	50	0	9.068	/	Pass
	16QAM	819	50	0	9.061	/	Pass

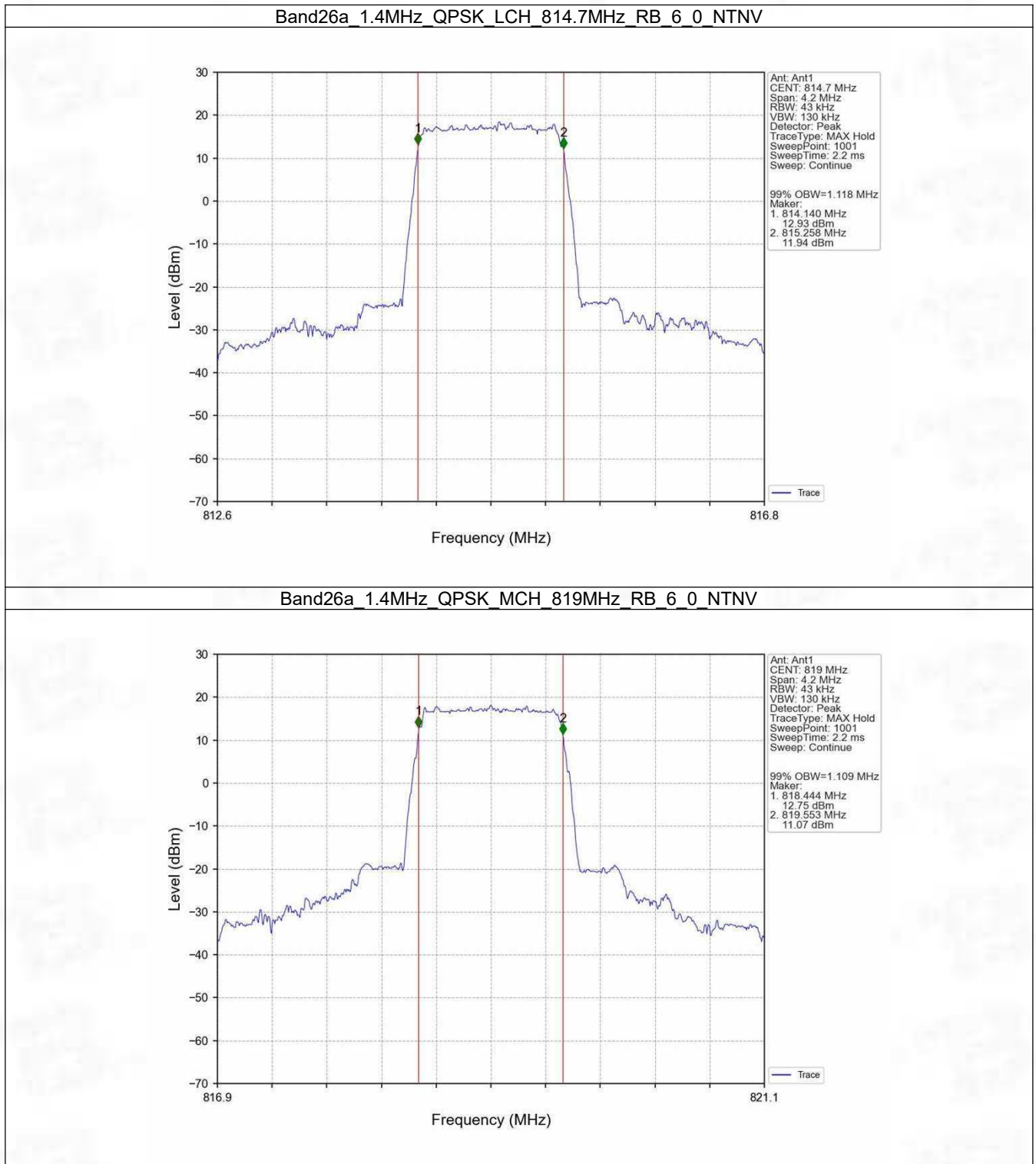
4.1.2 Band26a_XDB

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	1.268	/	Pass
		819	6	0	1.276	/	Pass
		823.3	6	0	1.269	/	Pass
	16QAM	814.7	6	0	1.275	/	Pass
		819	6	0	1.272	/	Pass
		823.3	6	0	1.271	/	Pass
3	QPSK	815.5	15	0	3.104	/	Pass
		819	15	0	3.102	/	Pass
		822.5	15	0	3.087	/	Pass
	16QAM	815.5	15	0	3.079	/	Pass
		819	15	0	3.122	/	Pass
		822.5	15	0	3.100	/	Pass
5	QPSK	816.5	25	0	5.040	/	Pass
		819	25	0	5.040	/	Pass
		821.5	25	0	5.055	/	Pass
	16QAM	816.5	25	0	5.047	/	Pass
		819	25	0	5.036	/	Pass
		821.5	25	0	5.044	/	Pass
10	QPSK	819	50	0	10.037	/	Pass

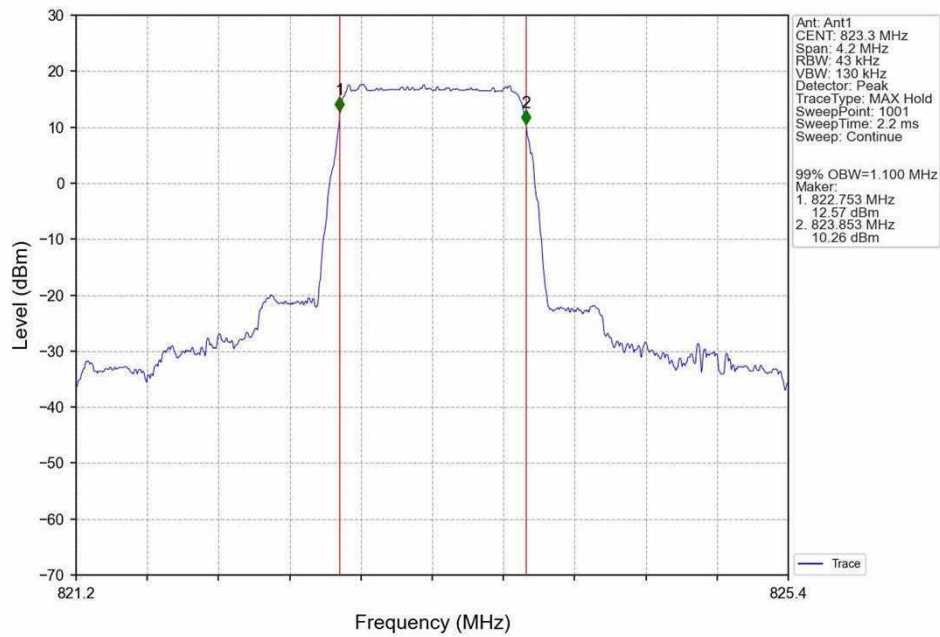
	16QAM	819	50	0	10.020	/	Pass
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4.2 Test Graph

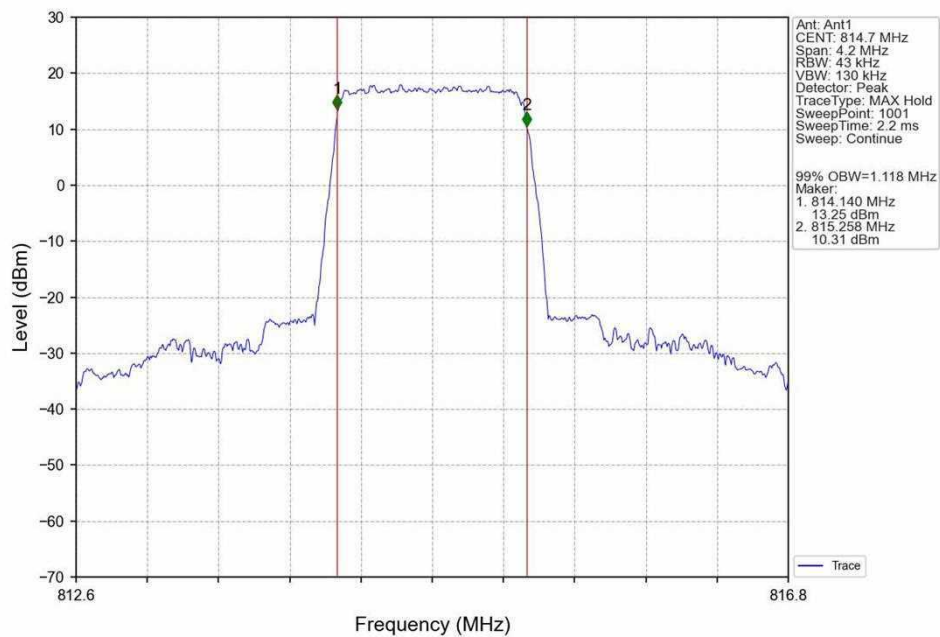
4.2.1 Band26a_OBW



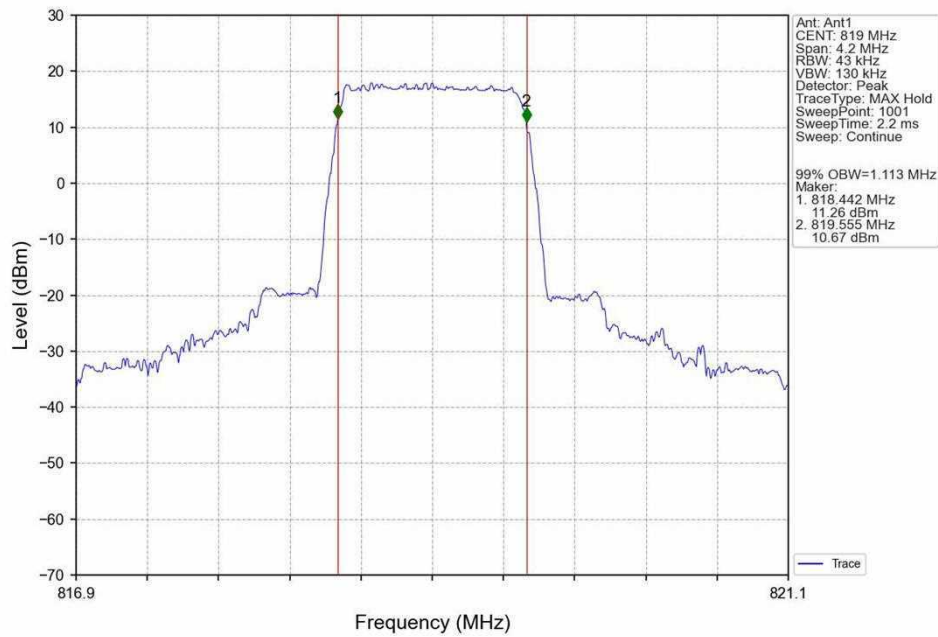
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



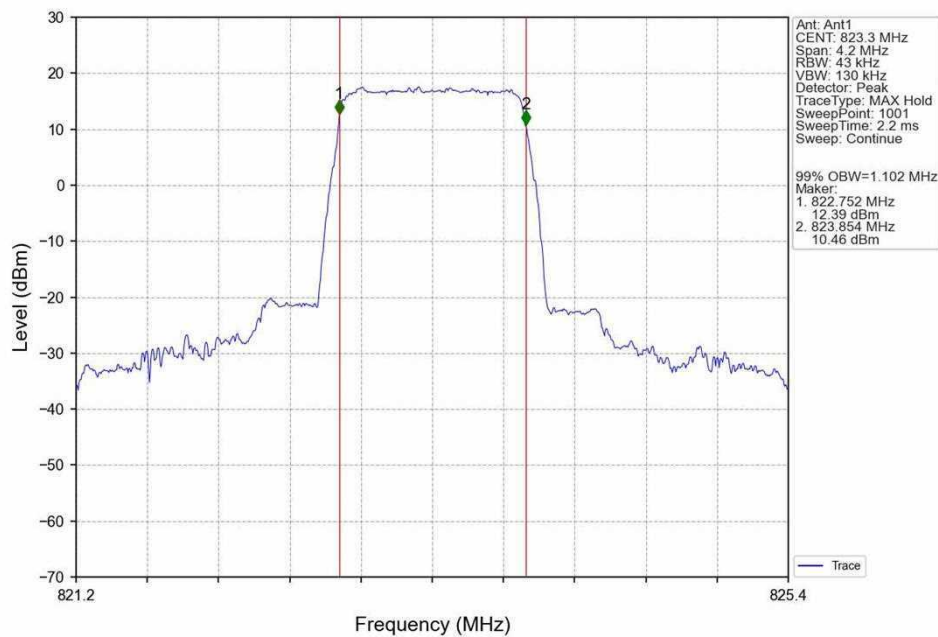
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



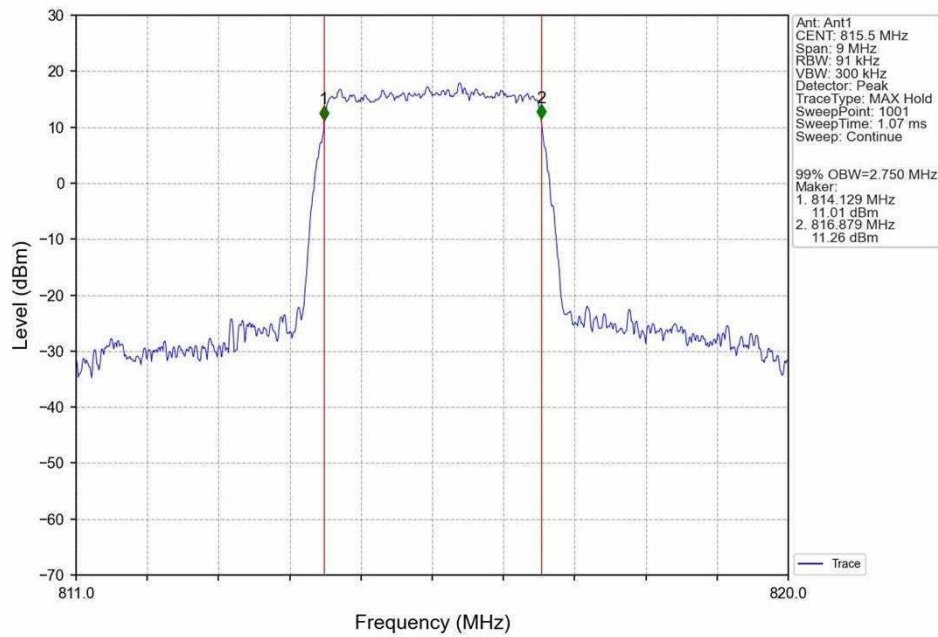
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



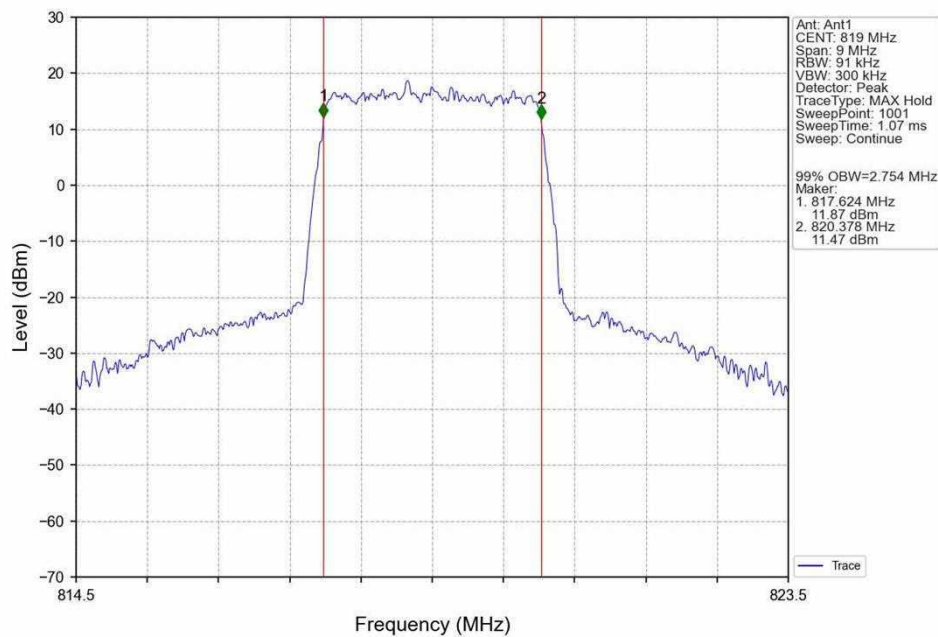
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



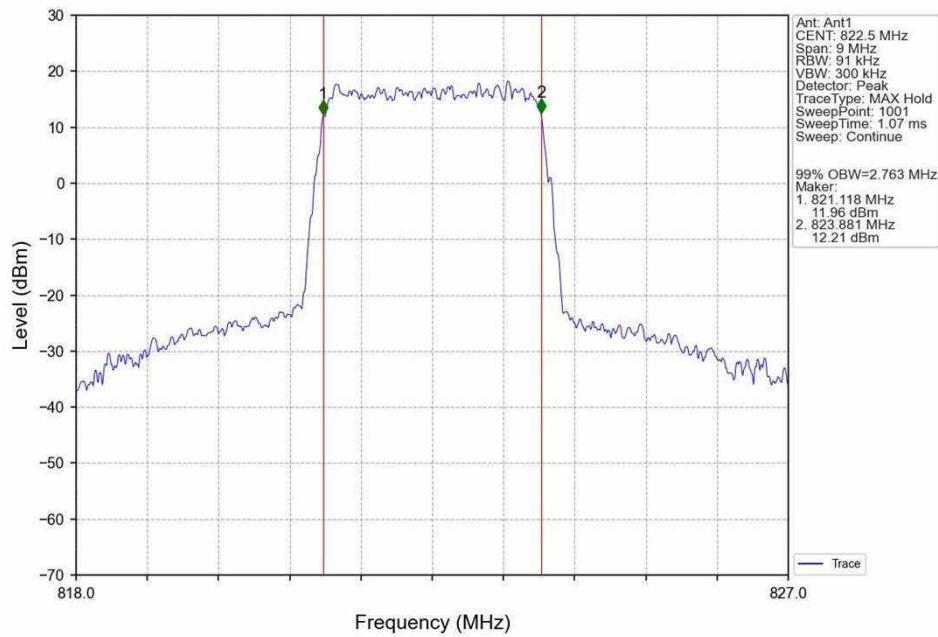
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



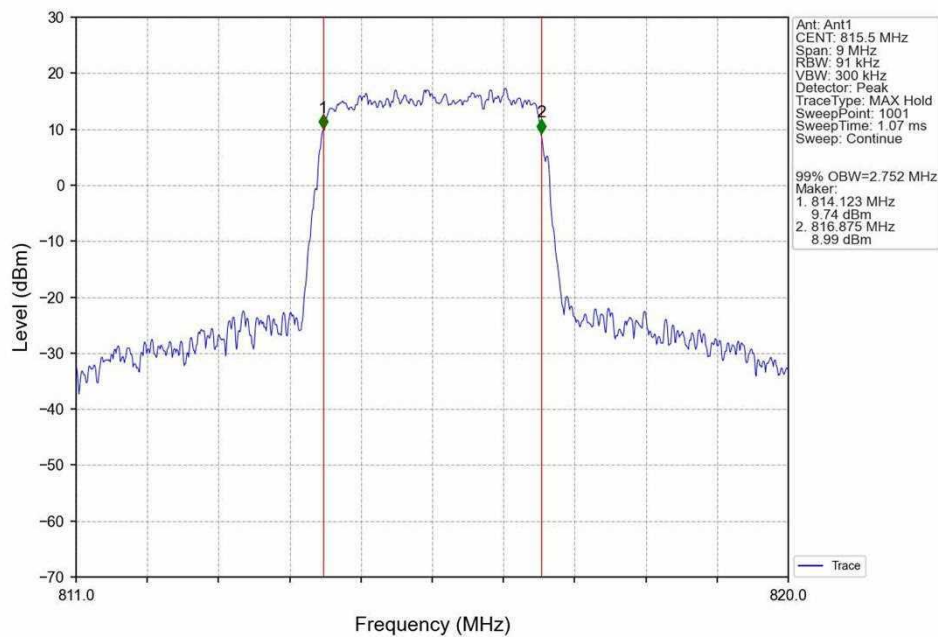
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



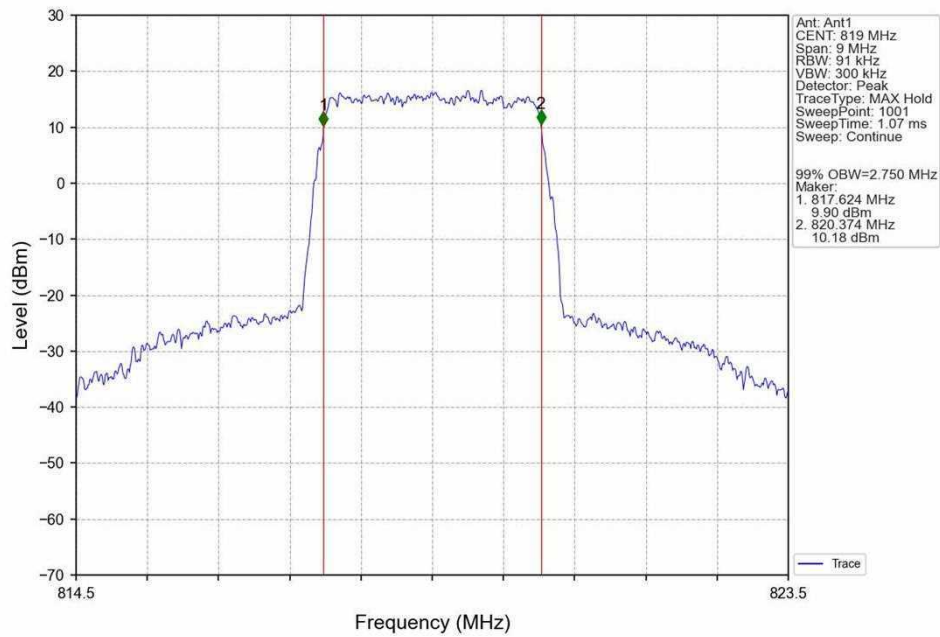
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



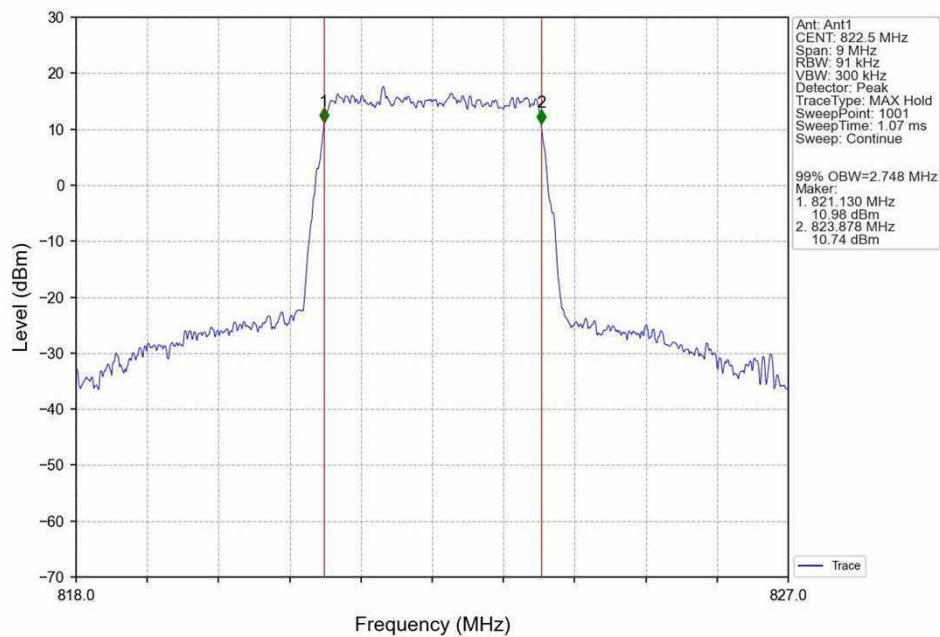
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



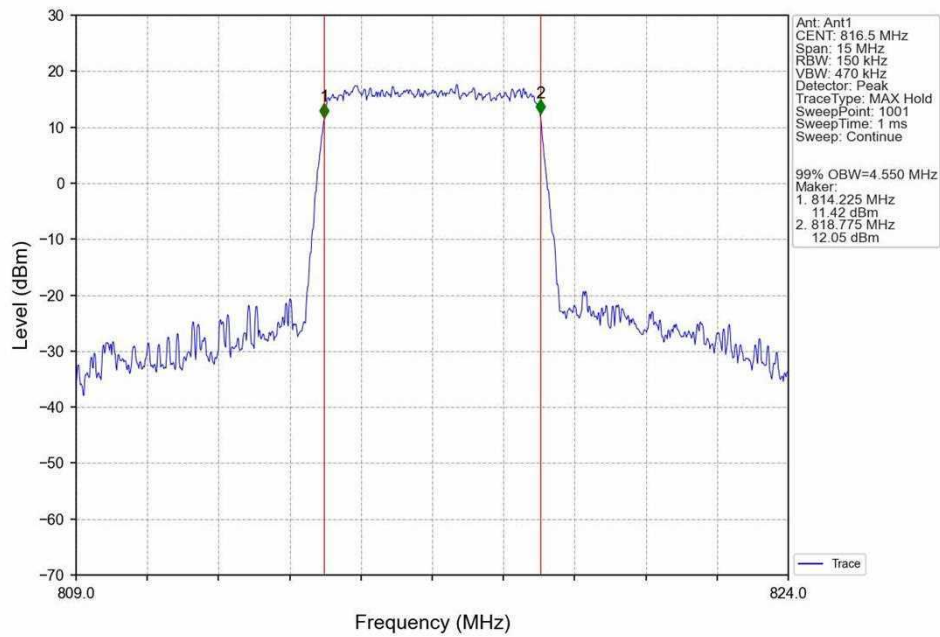
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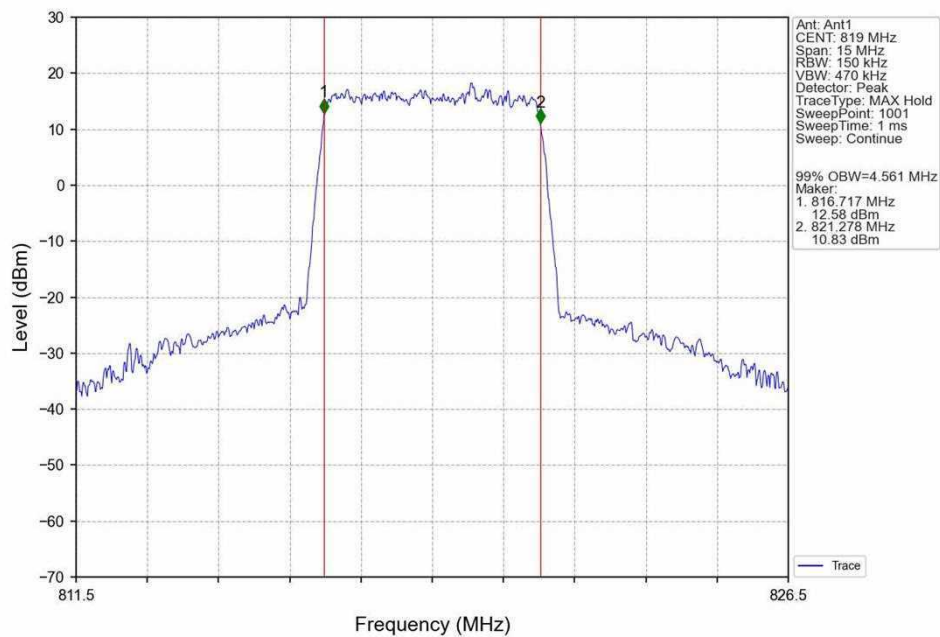
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



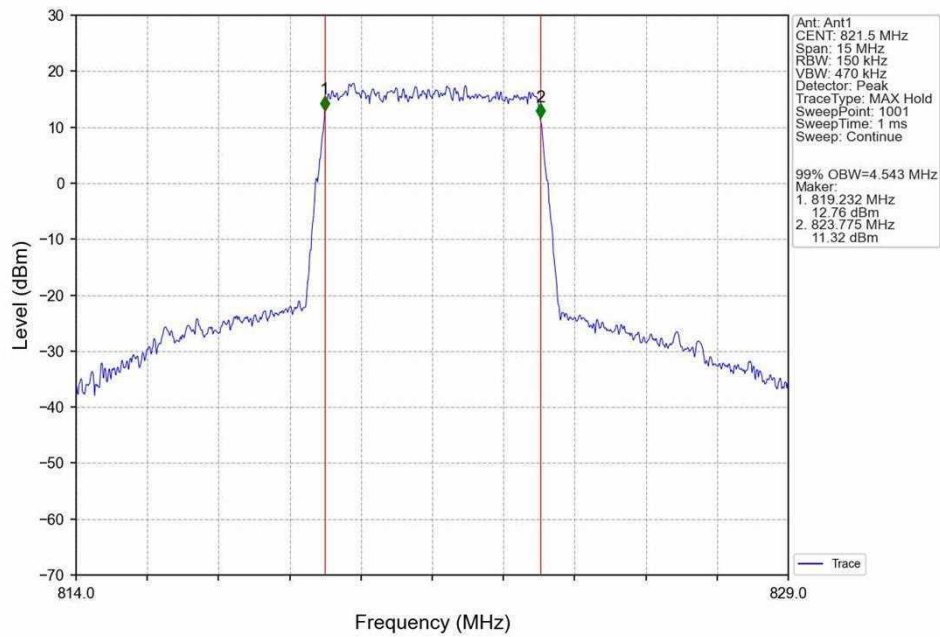
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



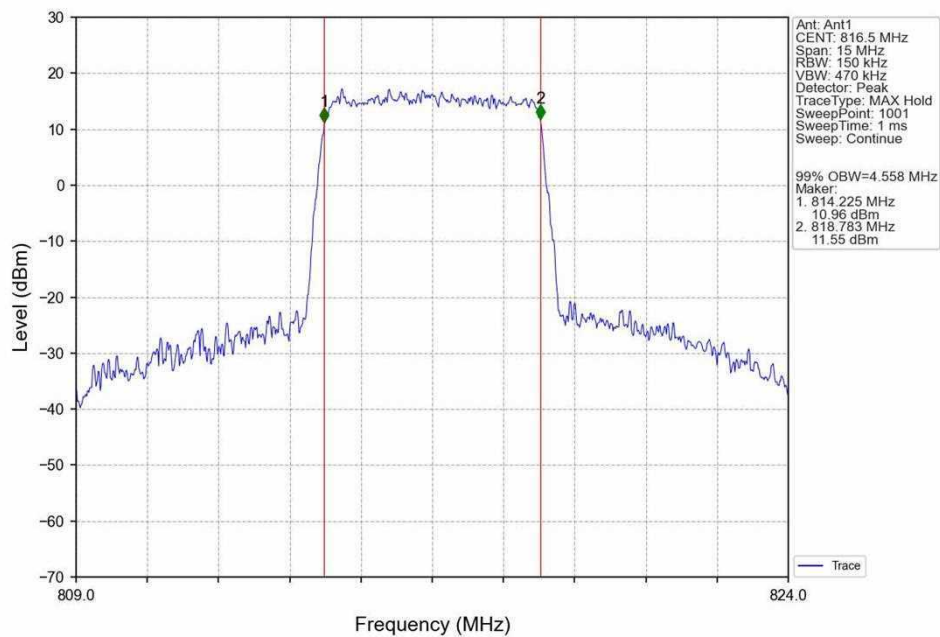
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



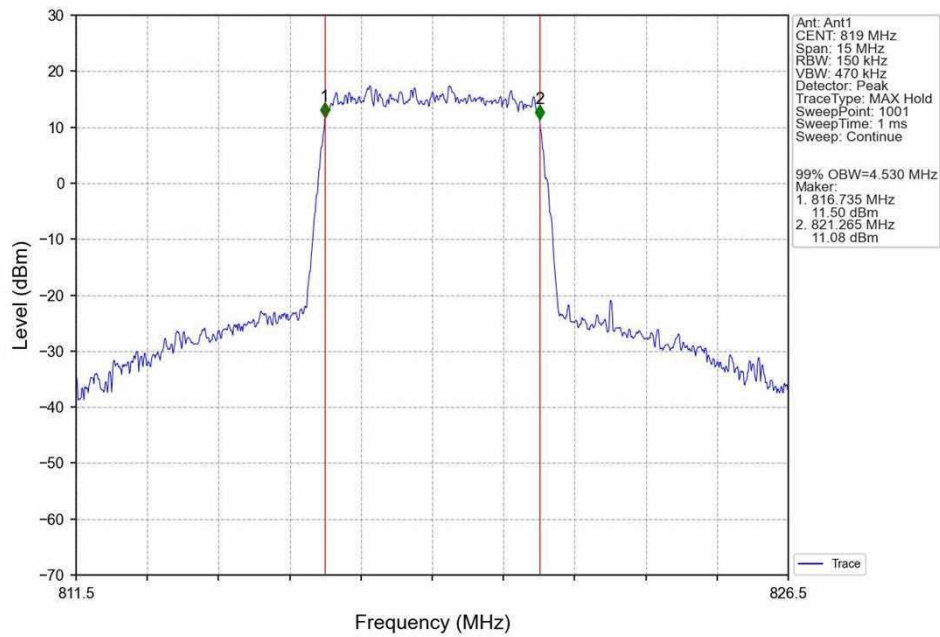
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



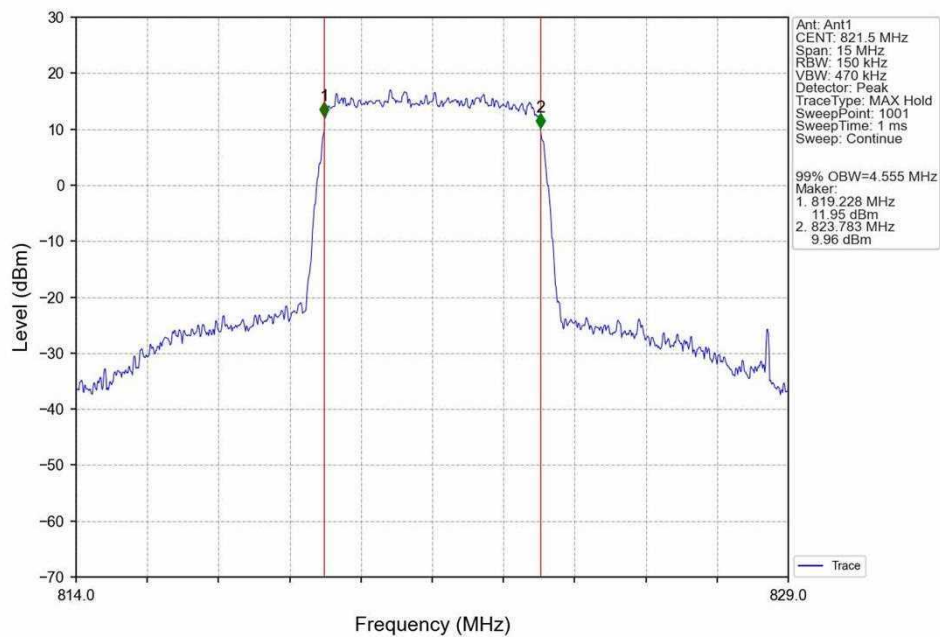
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



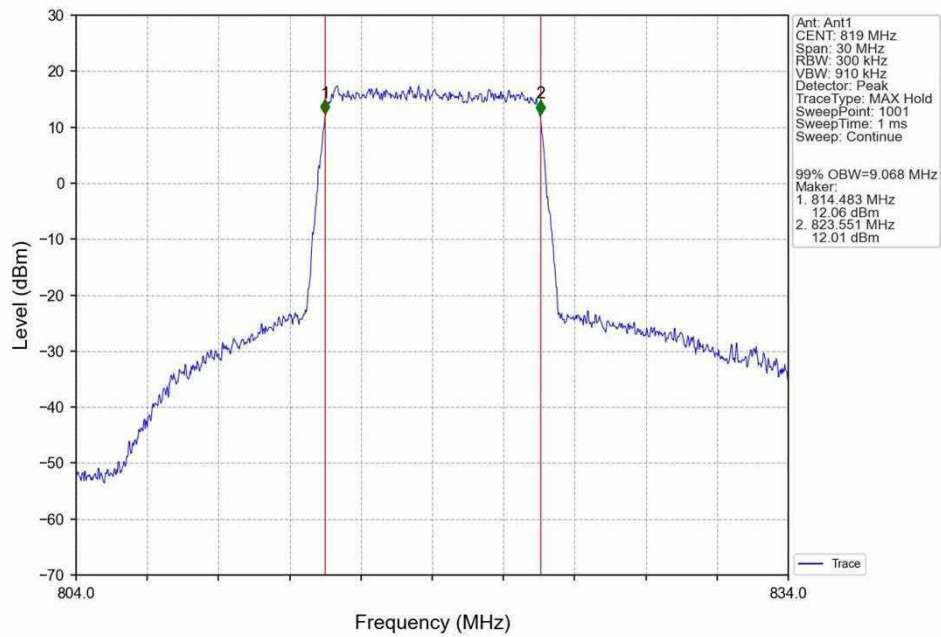
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



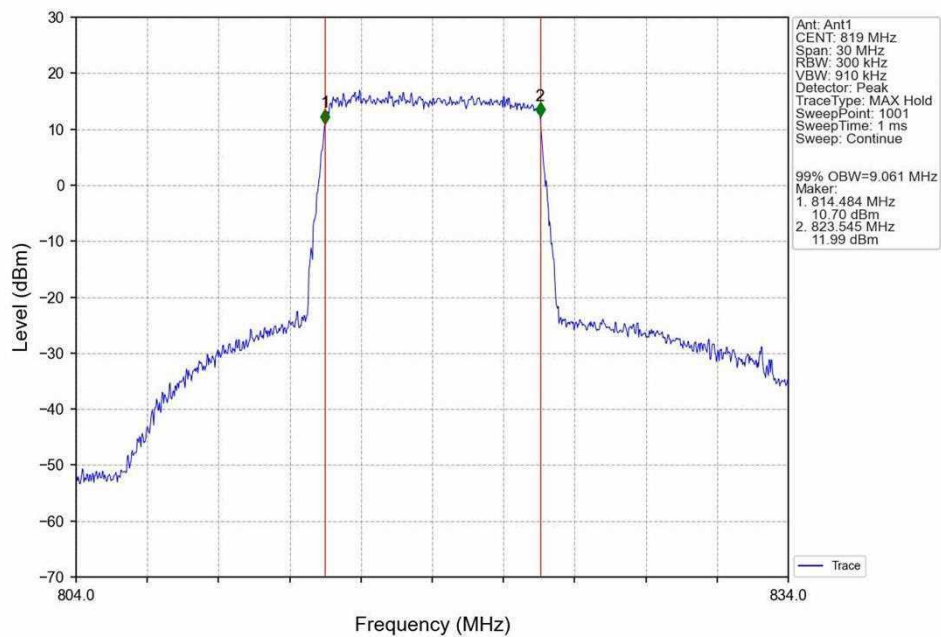
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



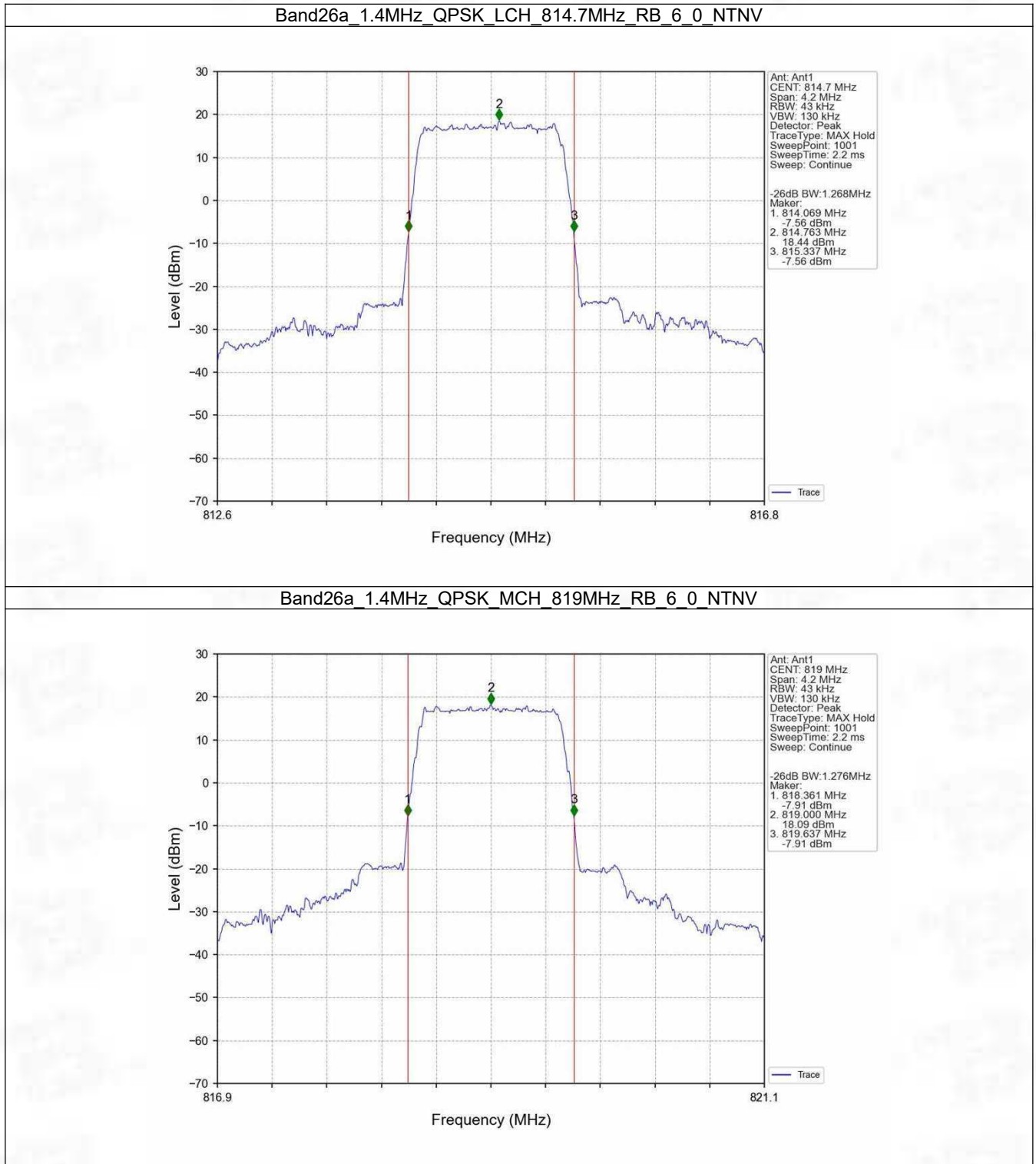
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



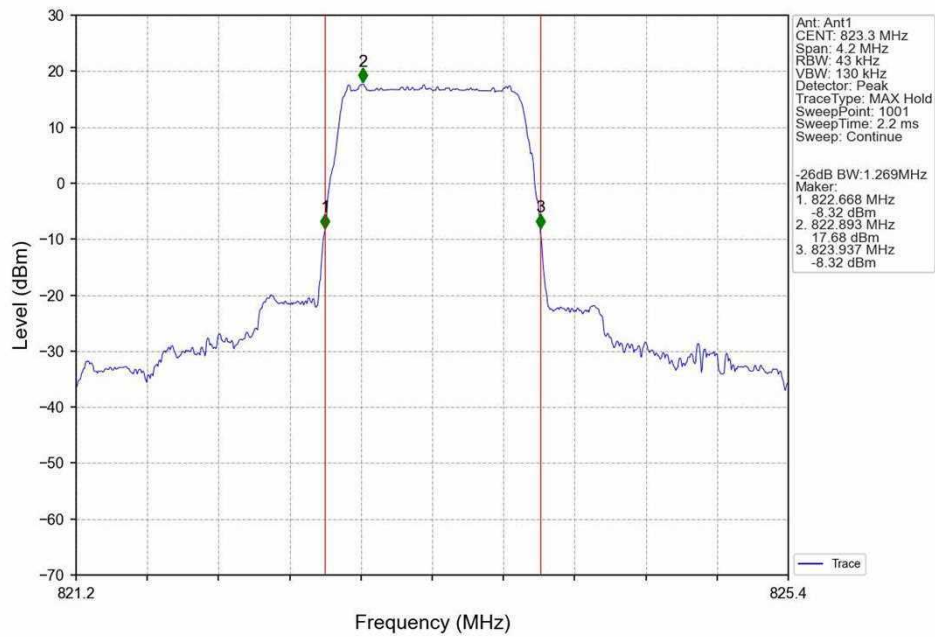
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



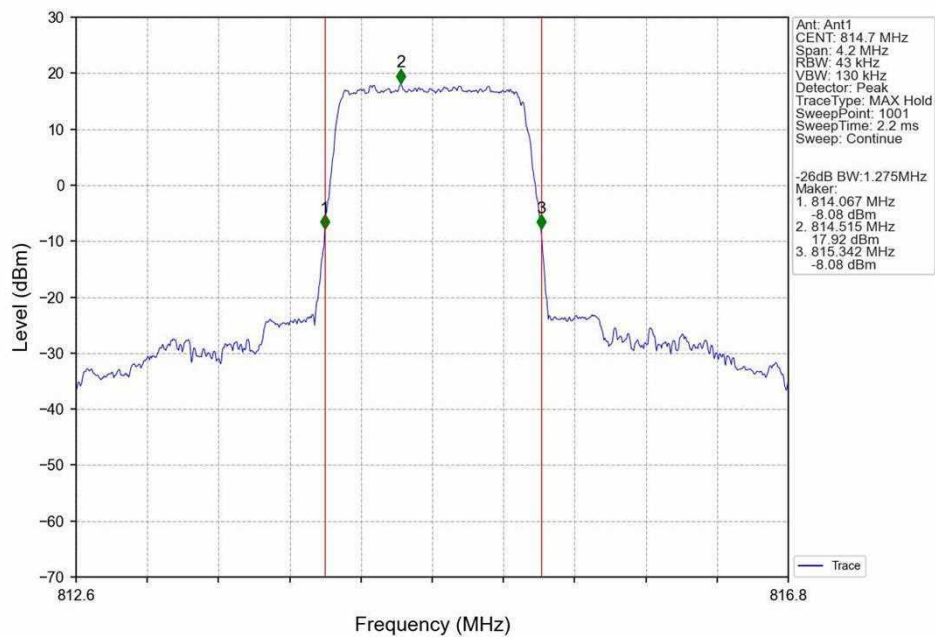
4.2.2 Band26a_XDB



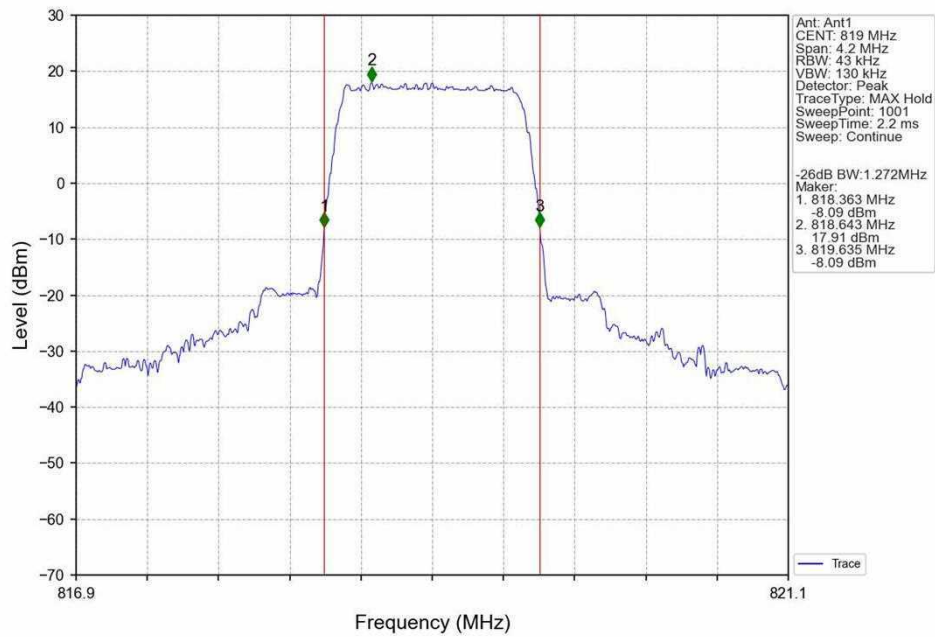
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



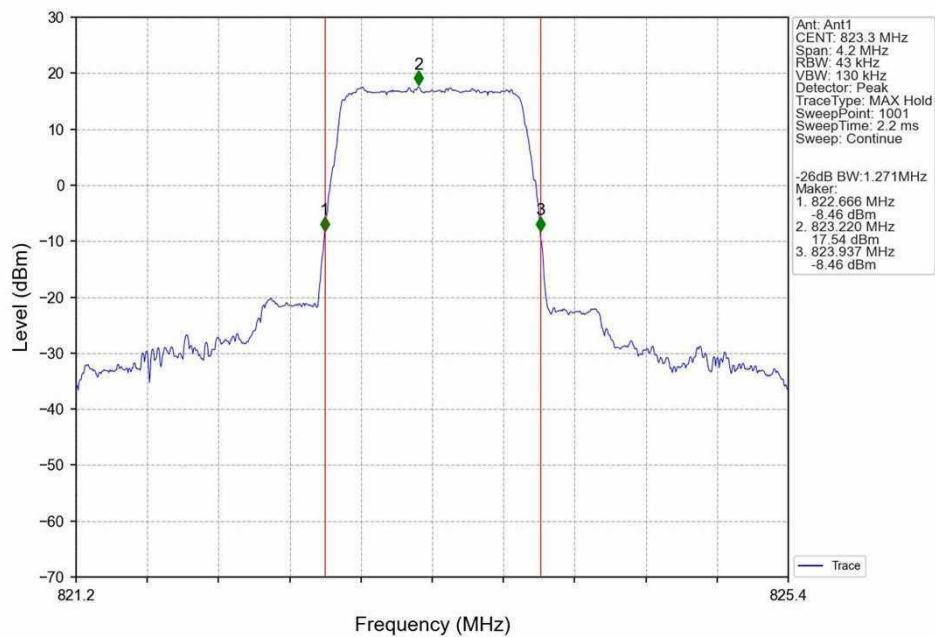
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



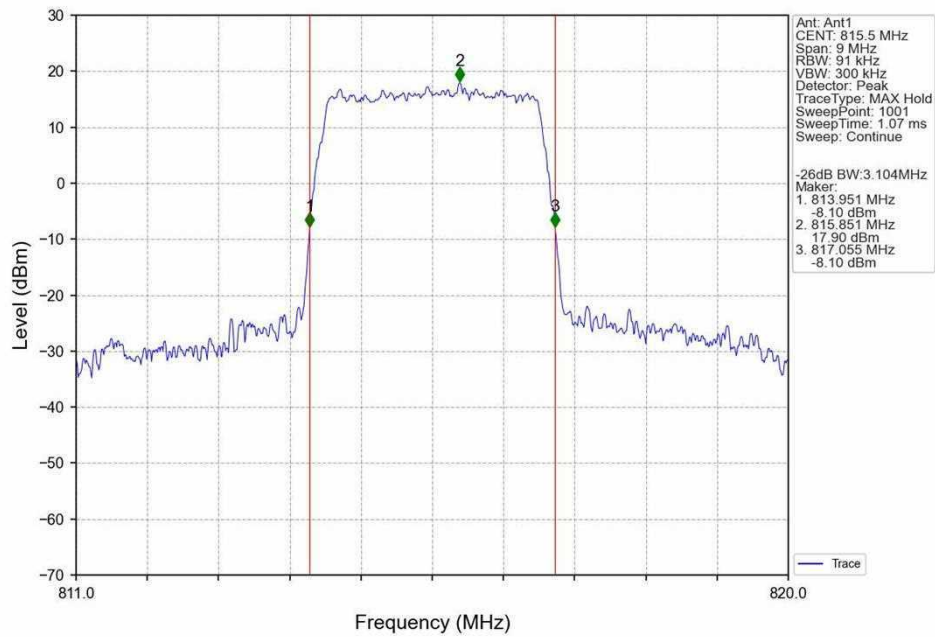
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



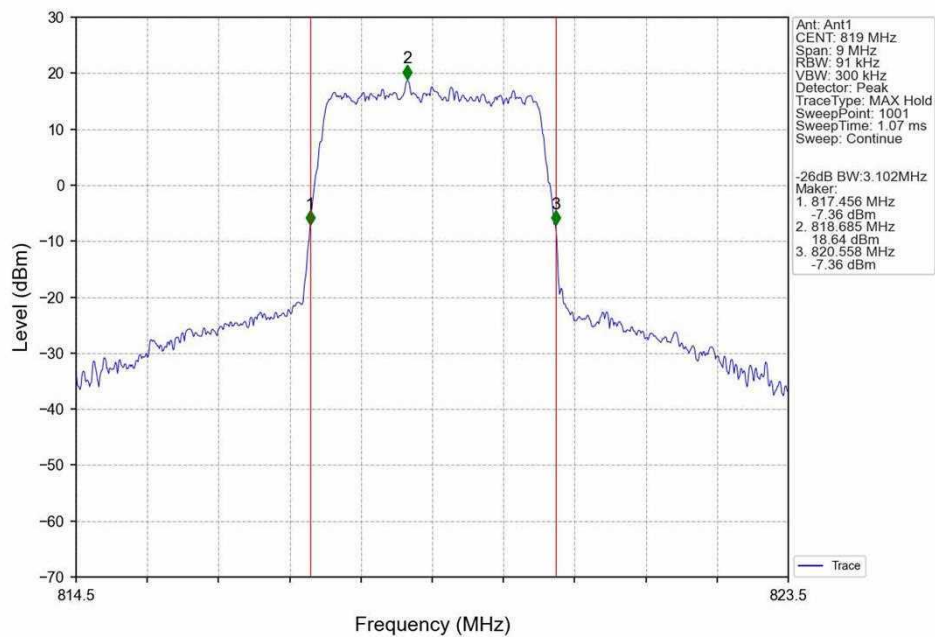
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



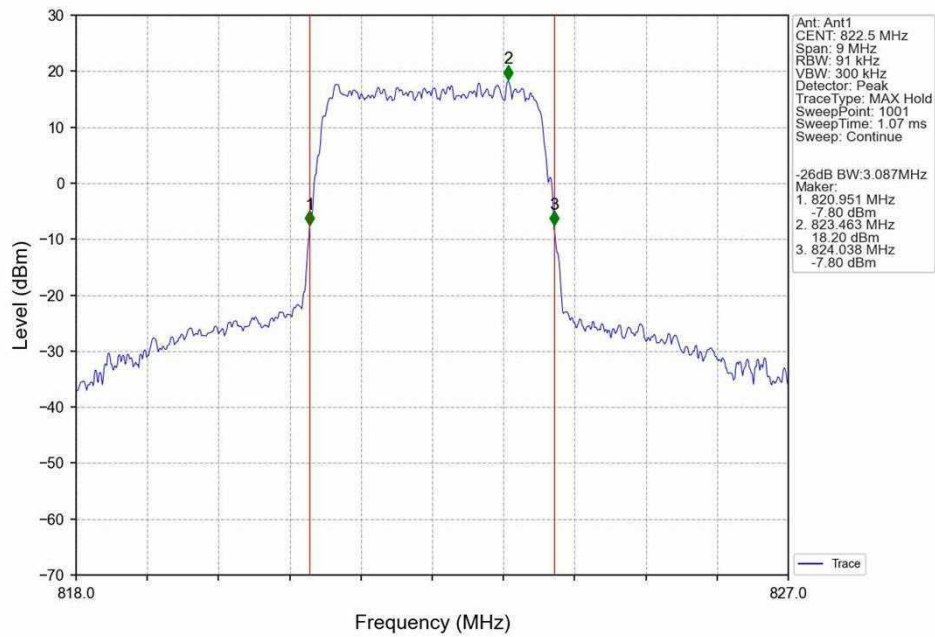
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



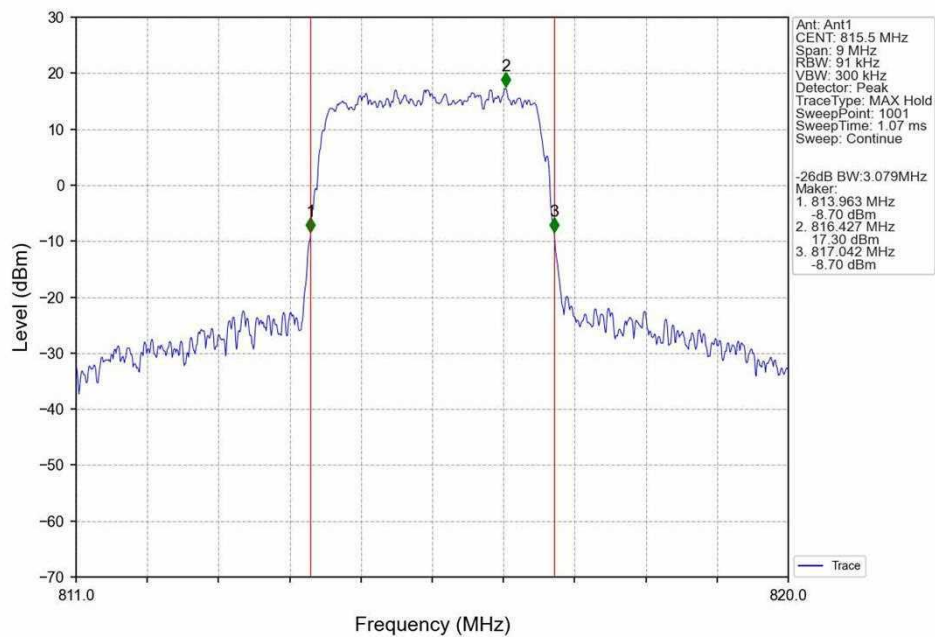
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



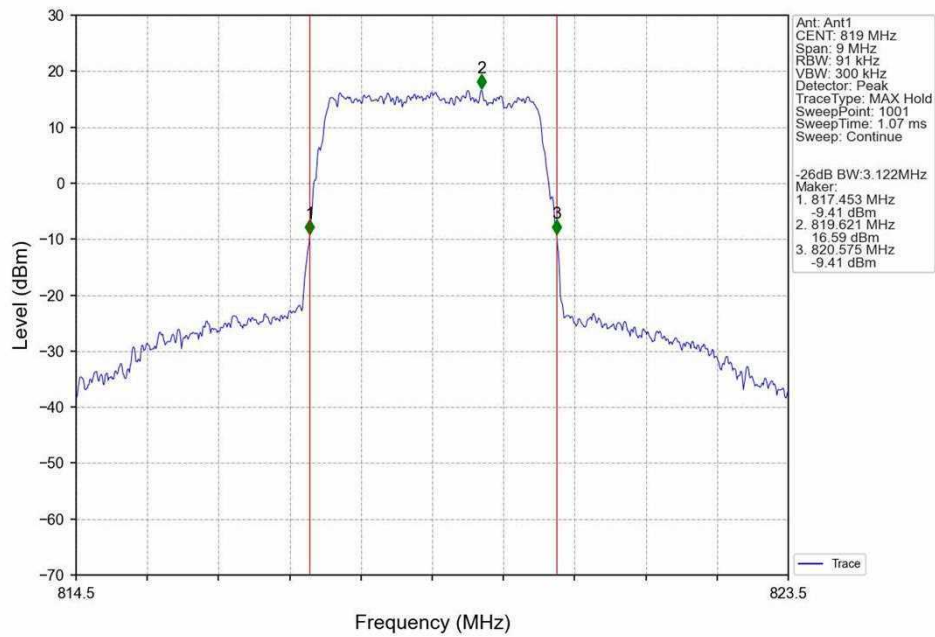
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



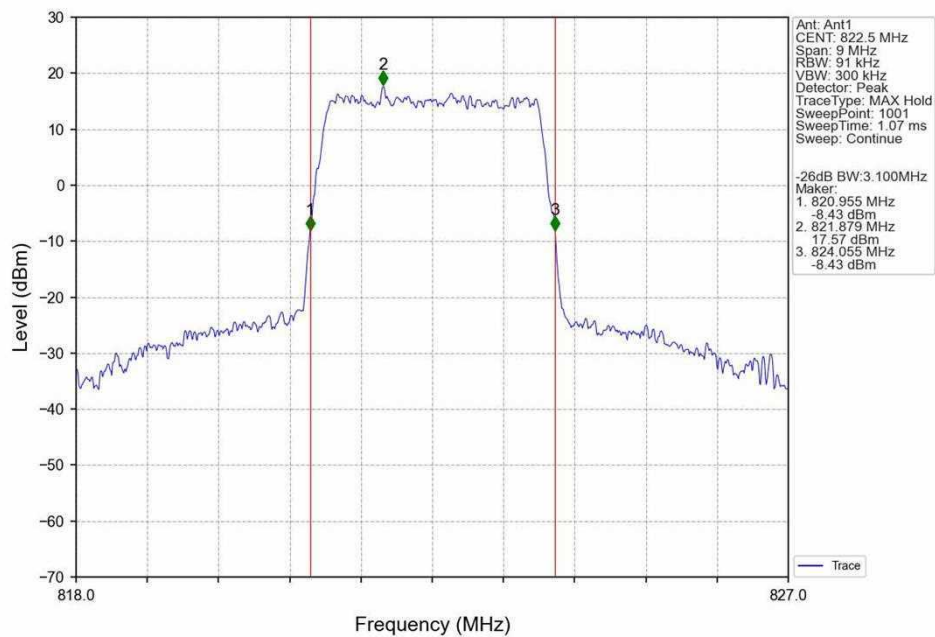
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



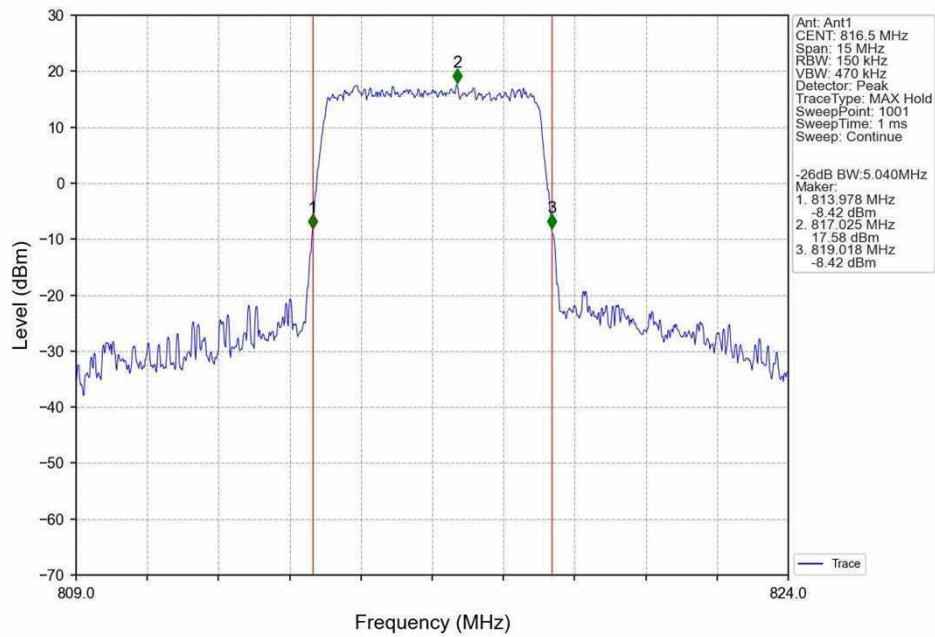
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



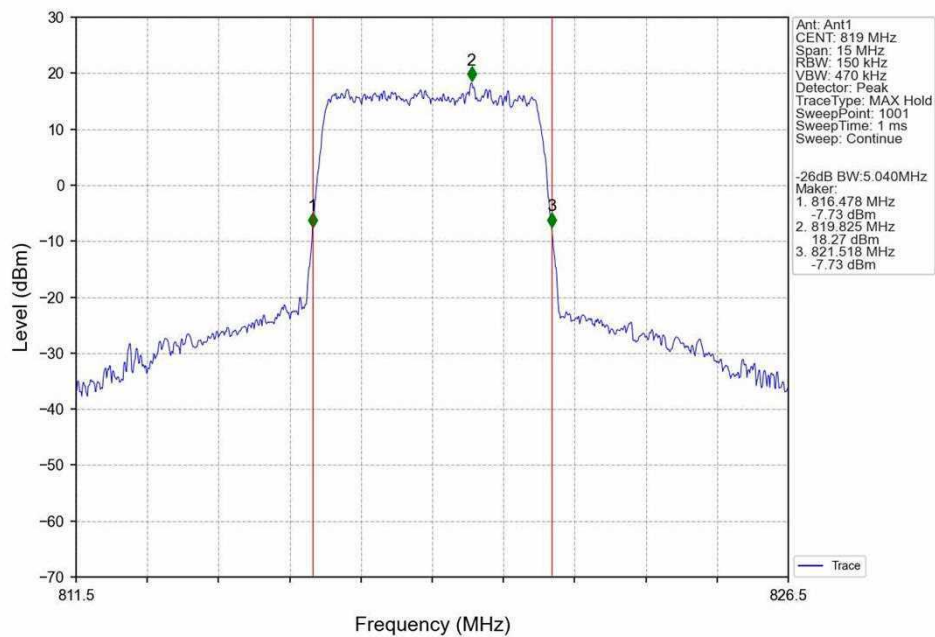
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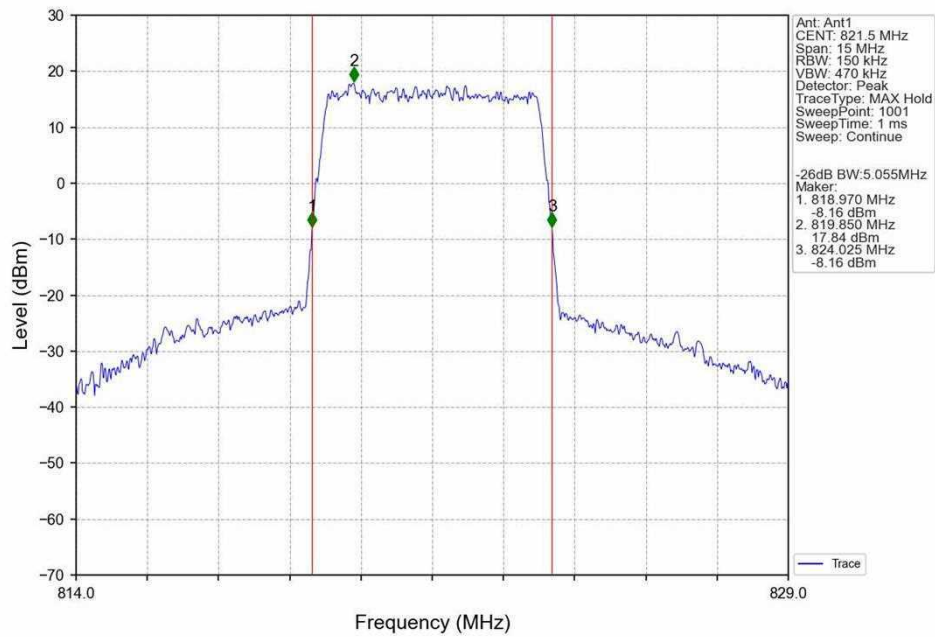
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



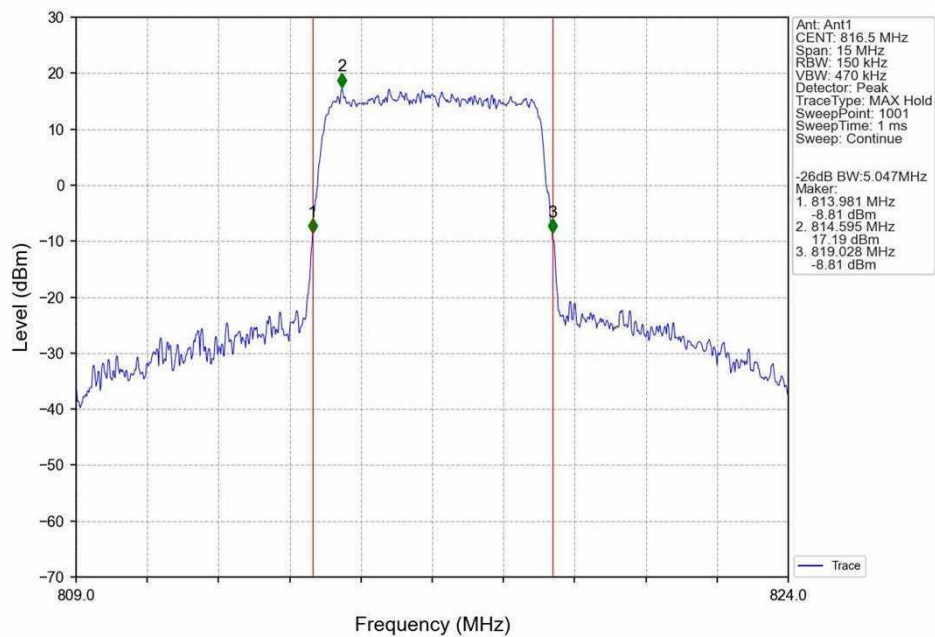
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



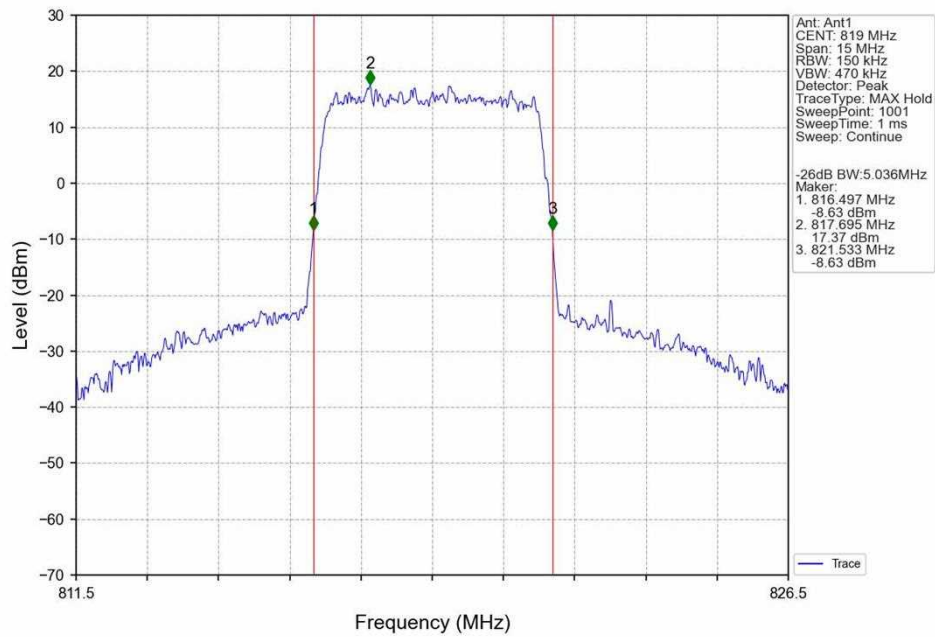
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



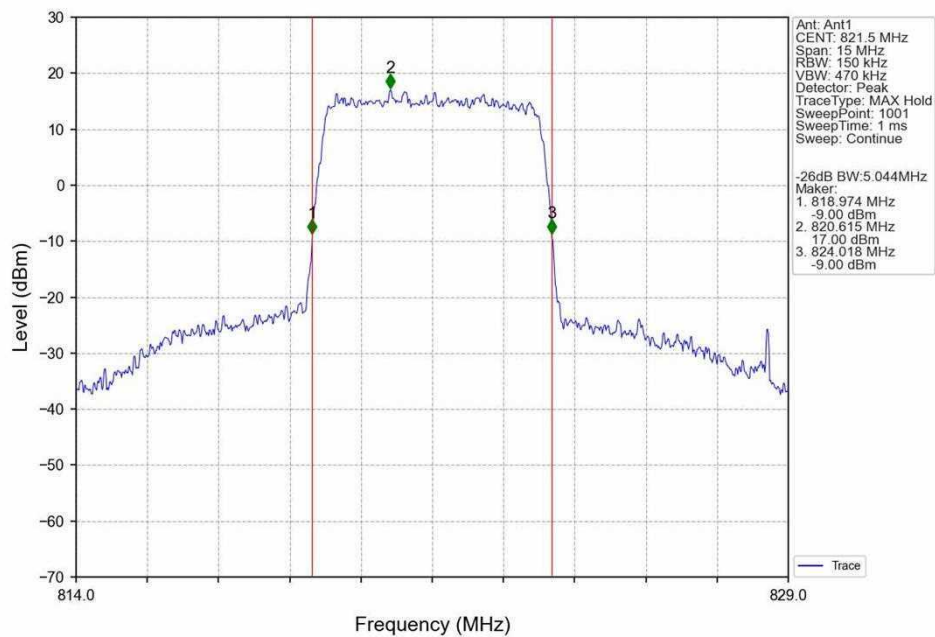
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



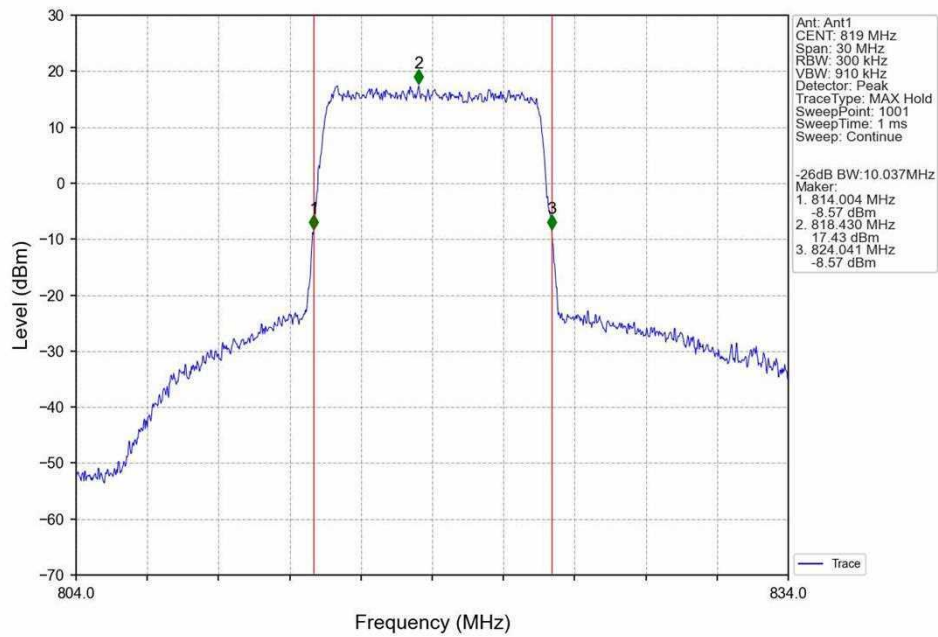
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



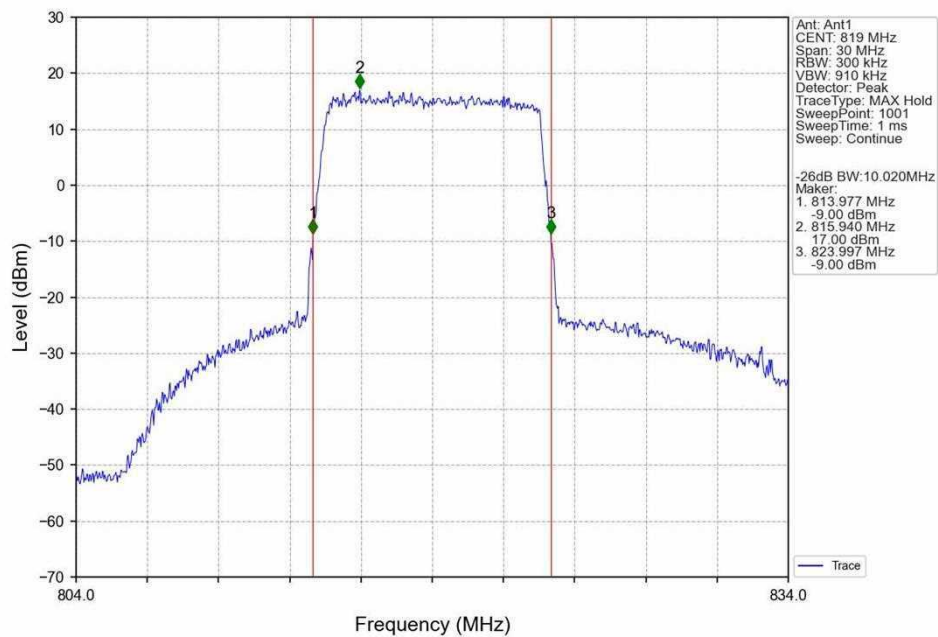
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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	5.46	≤ 13	Pass
	819	6	0	5.77	≤ 13	Pass
	823.3	6	0	5.88	≤ 13	Pass
16QAM	814.7	6	0	6.19	≤ 13	Pass
	819	6	0	6.68	≤ 13	Pass
	823.3	6	0	6.60	≤ 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	5.58	≤ 13	Pass
	819	15	0	5.84	≤ 13	Pass
	822.5	15	0	5.85	≤ 13	Pass
16QAM	815.5	15	0	6.38	≤ 13	Pass
	819	15	0	6.62	≤ 13	Pass
	822.5	15	0	6.69	≤ 13	Pass

5.1.3 B26a_5MHz

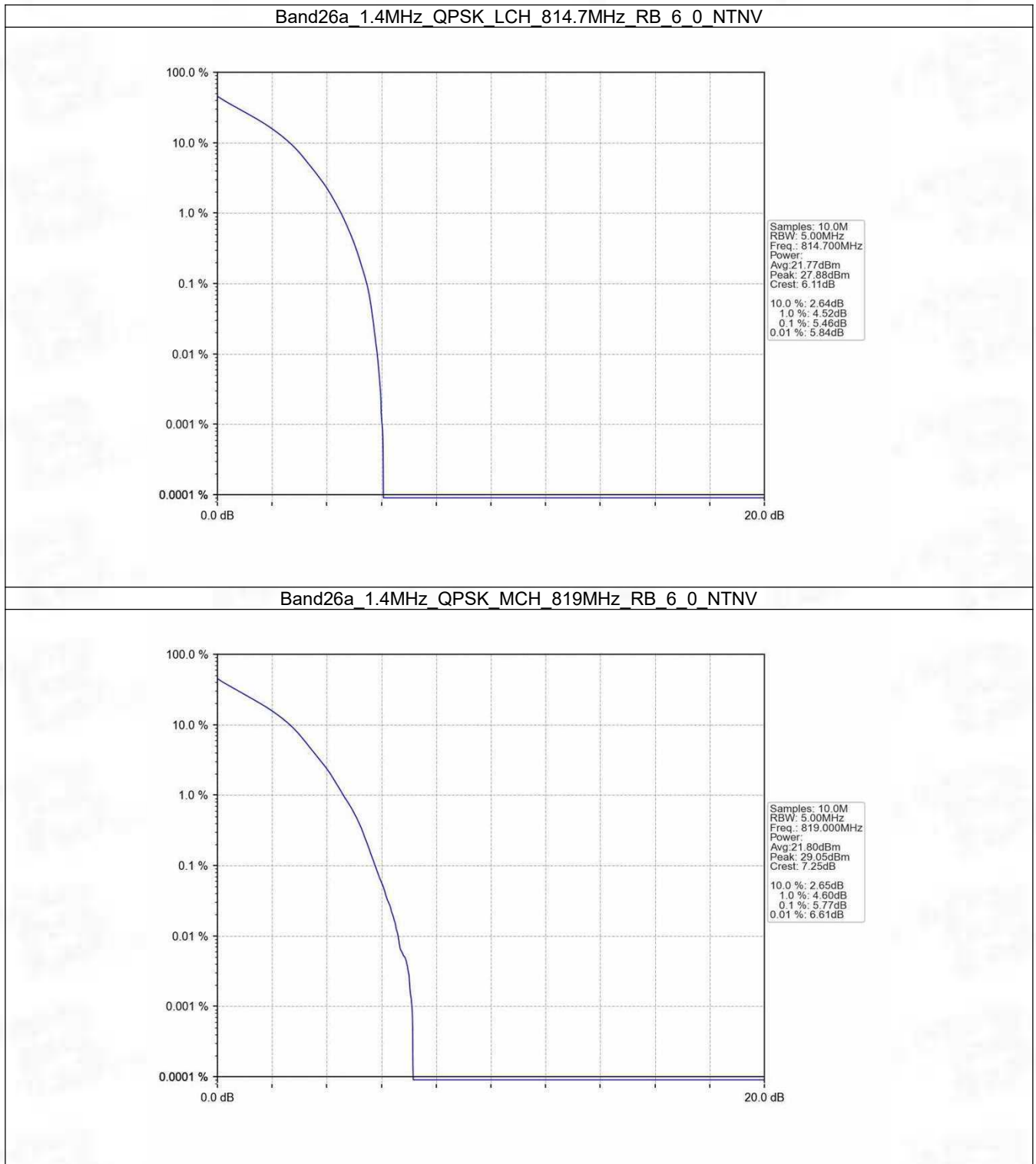
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.57	≤ 13	Pass
	819	25	0	5.74	≤ 13	Pass
	821.5	25	0	5.82	≤ 13	Pass
16QAM	816.5	25	0	5.53	≤ 13	Pass
	819	25	0	5.74	≤ 13	Pass
	821.5	25	0	5.82	≤ 13	Pass

5.1.4 B26a_10MHz

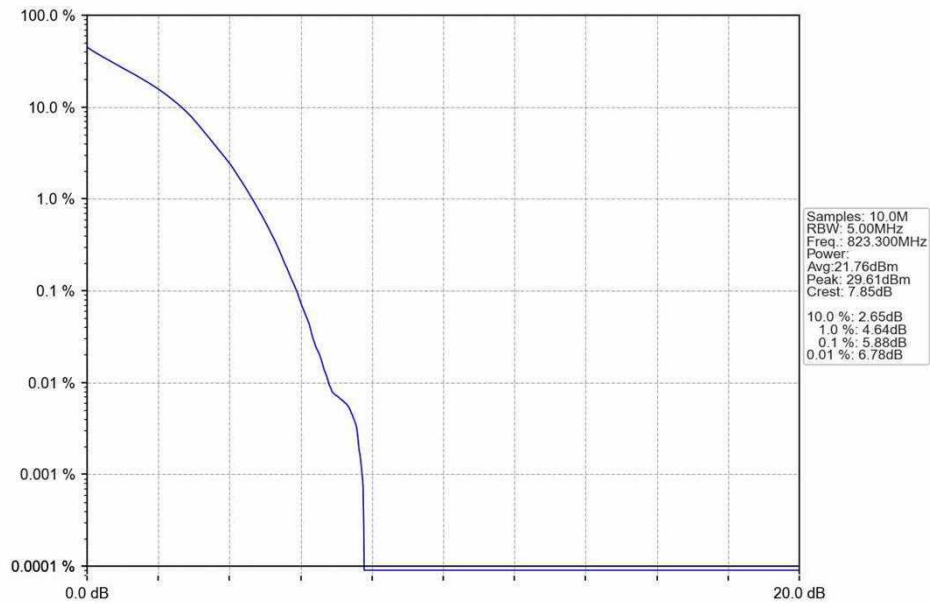
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.75	≤ 13	Pass
16QAM	819	50	0	6.48	≤ 13	Pass

5.2 Test Graph

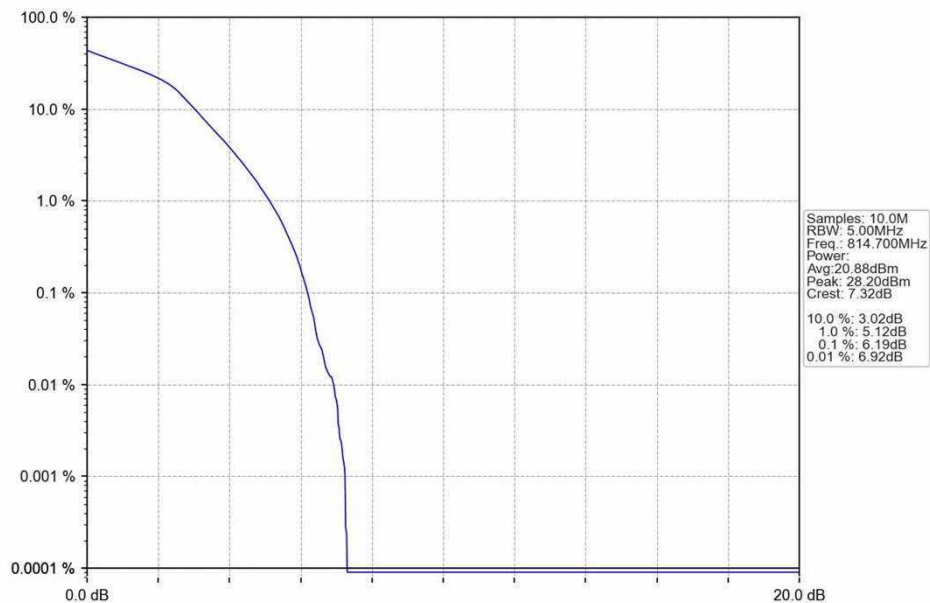
5.2.1 B26a_1.4MHz



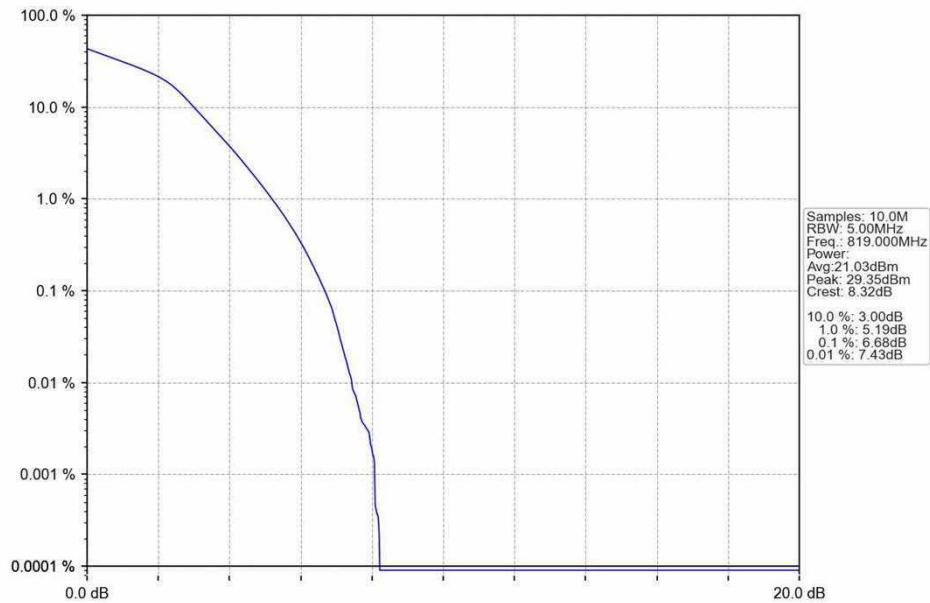
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



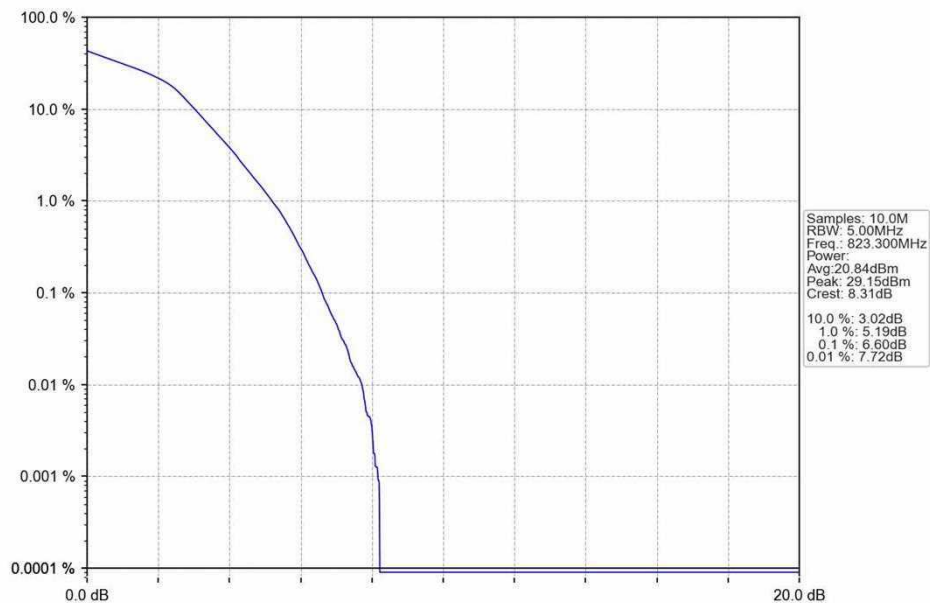
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



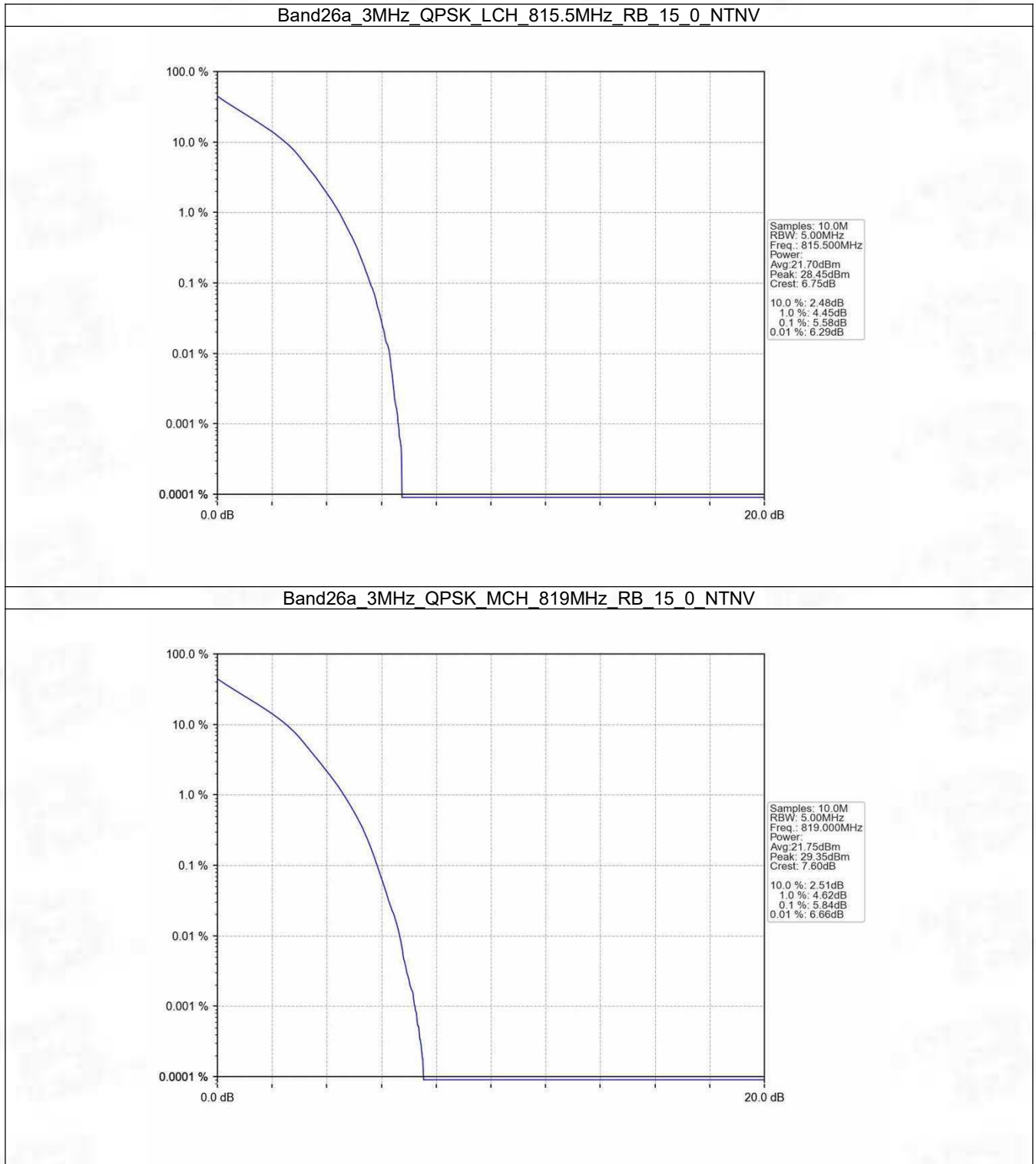
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



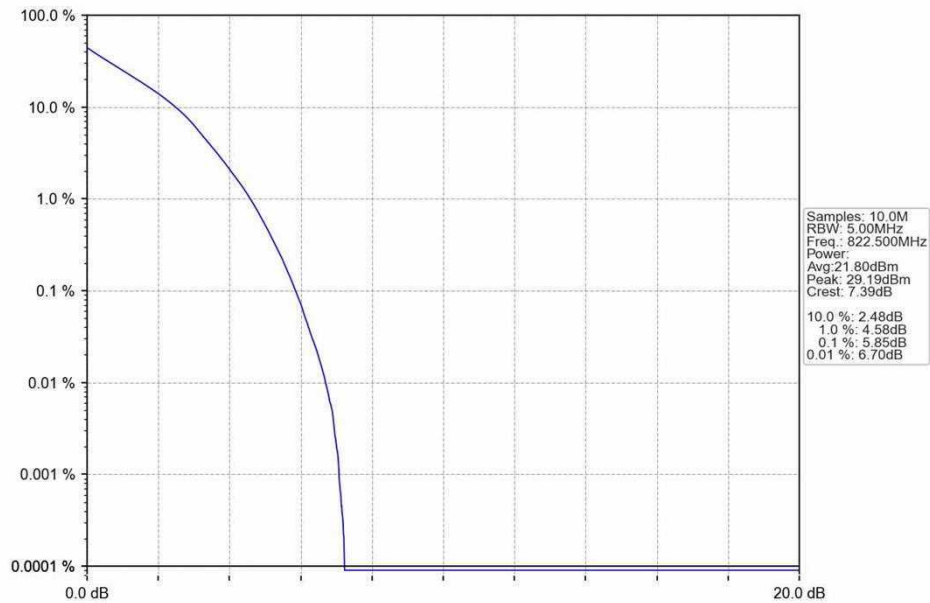
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



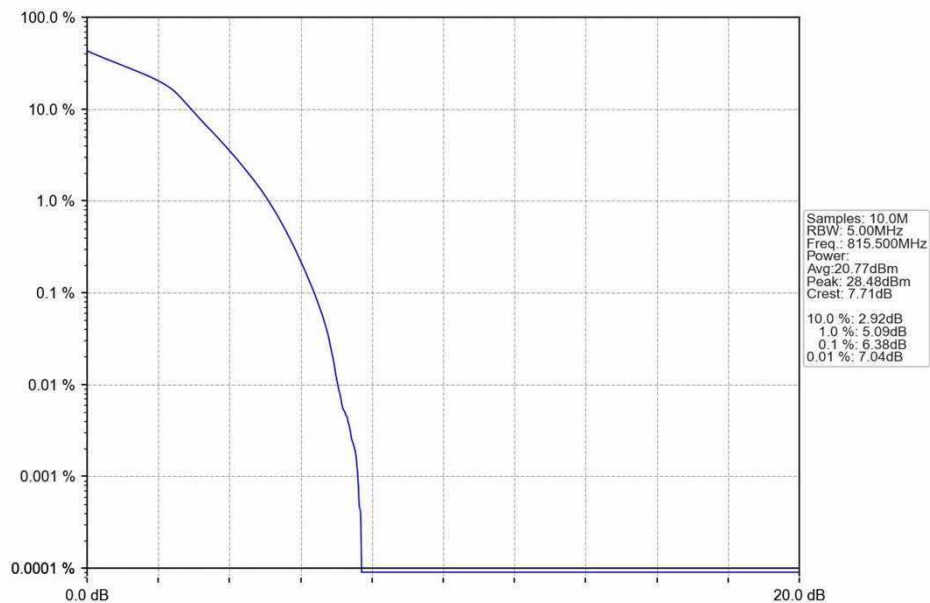
5.2.2 B26a_3MHz



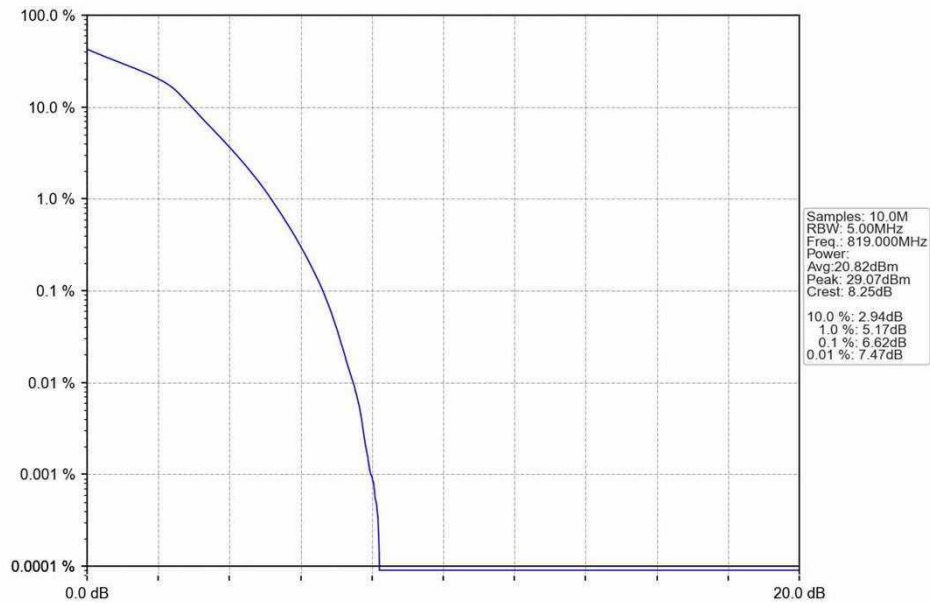
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



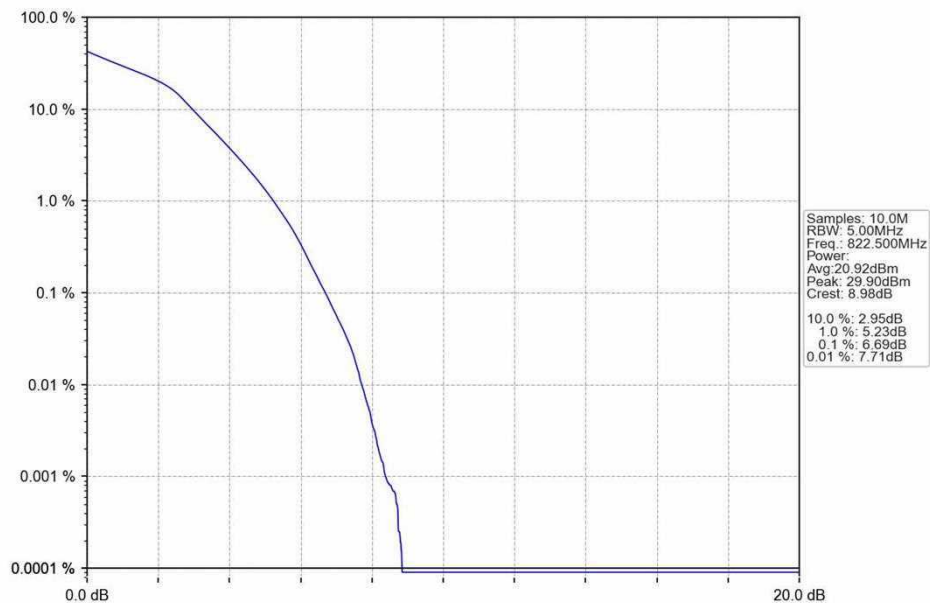
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



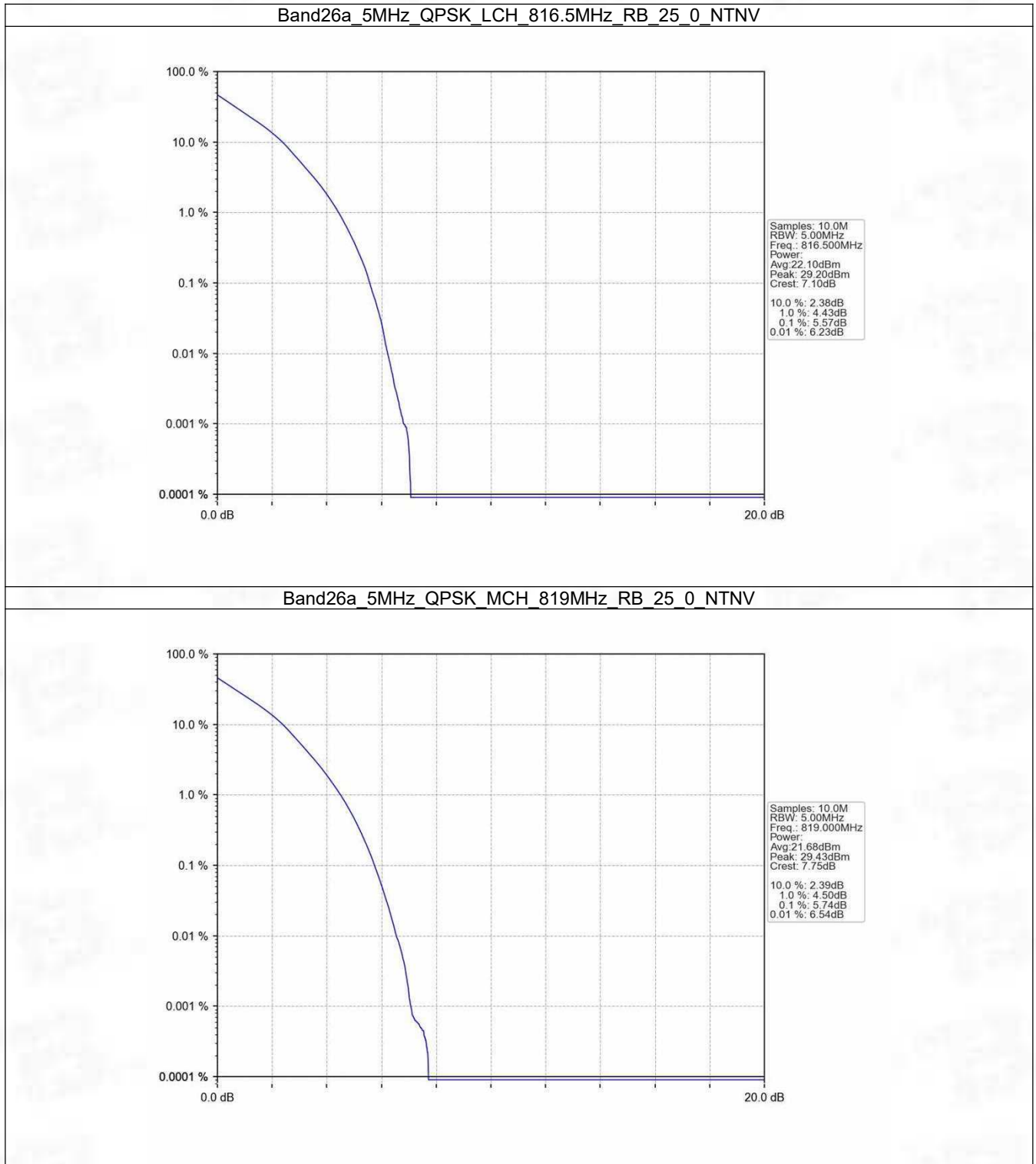
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



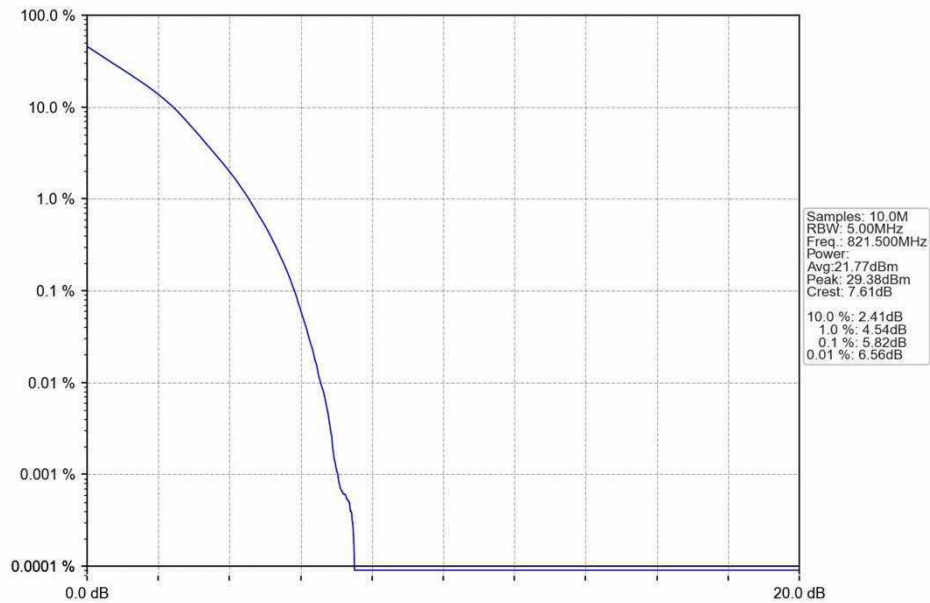
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



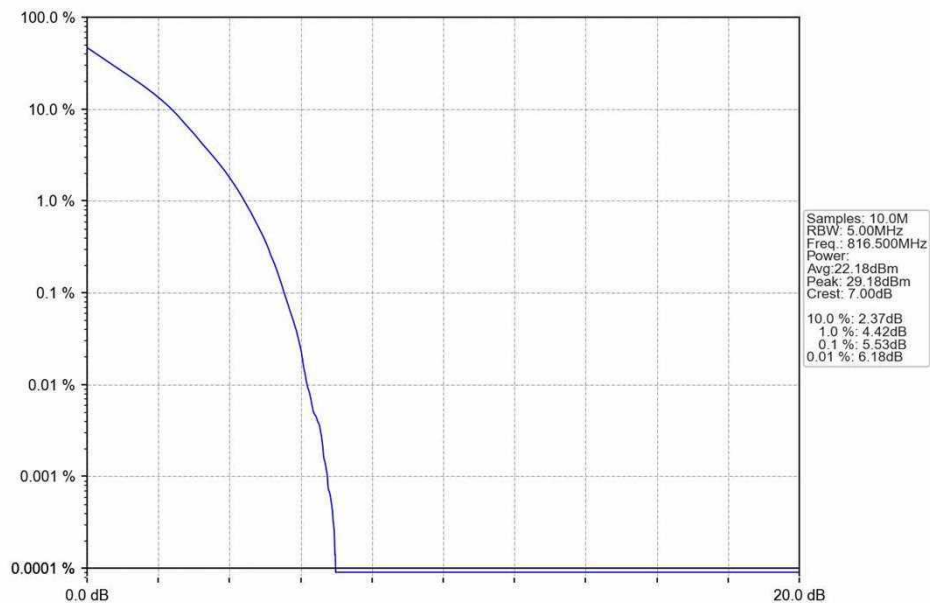
5.2.3 B26a_5MHz



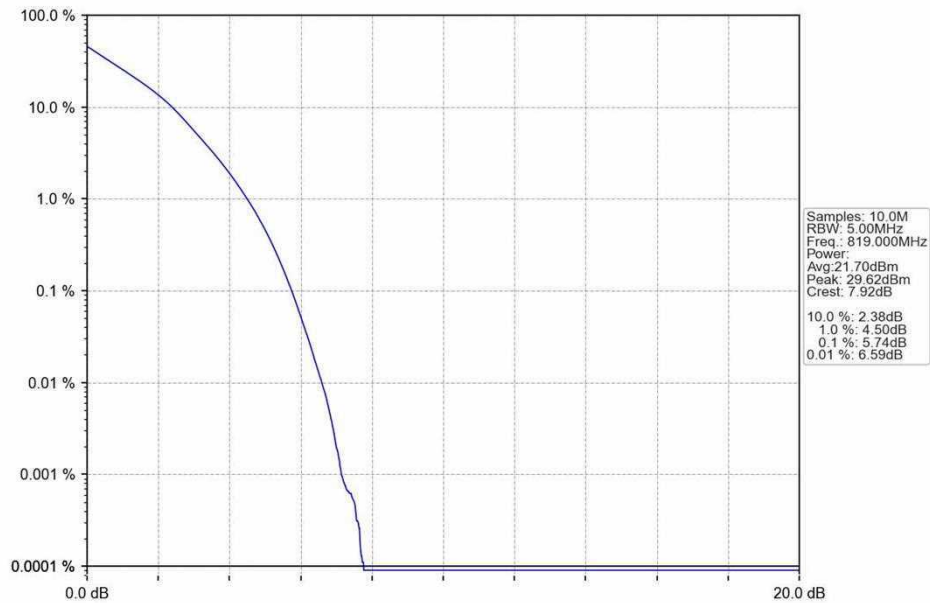
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



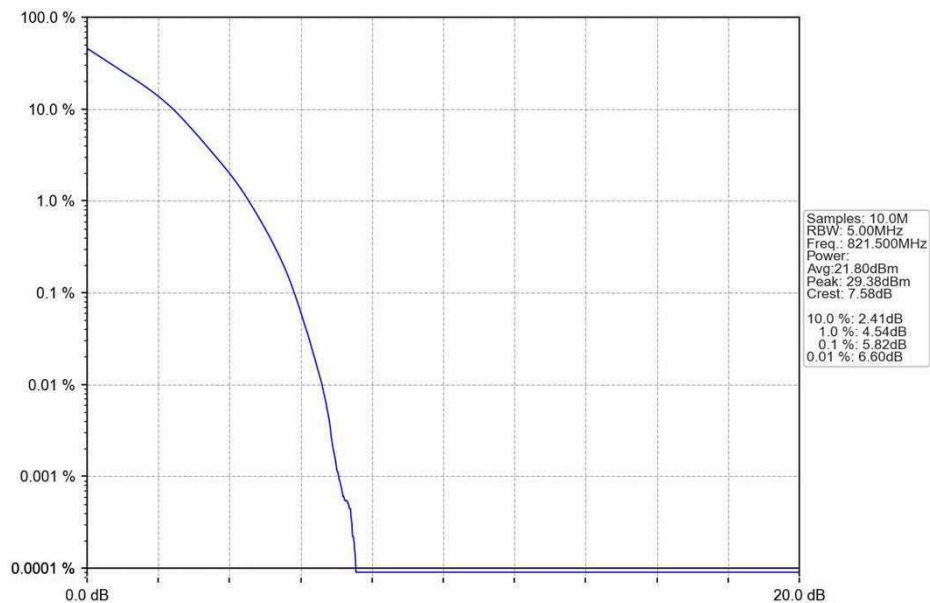
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



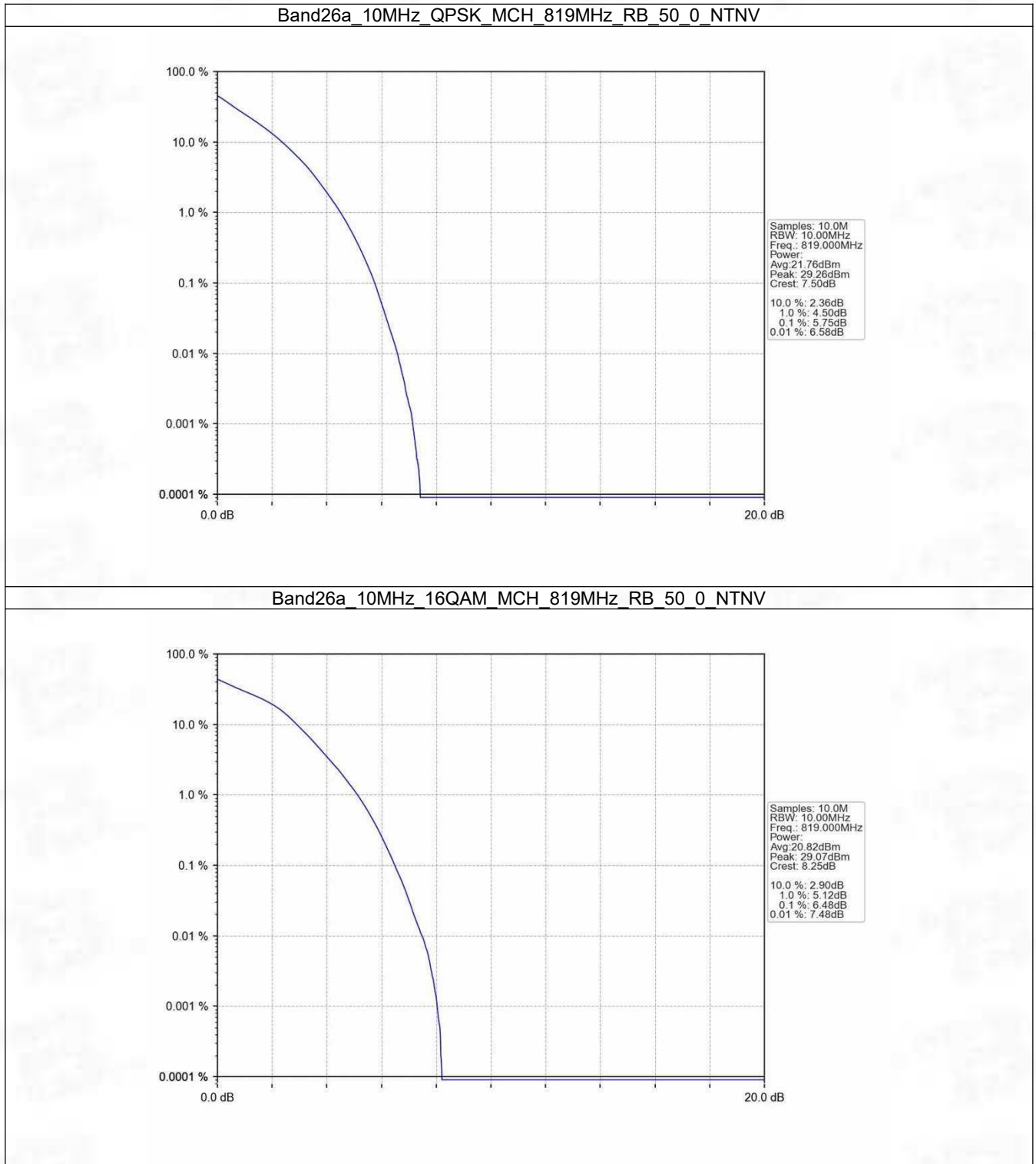
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



5.2.4 B26a_10MHz



6. Spurious Emission

6.1 Test Result

6.1.1 B26a_1.4MHz

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

6.1.2 B26a_3MHz

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

6.1.3 B26a_5MHz

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

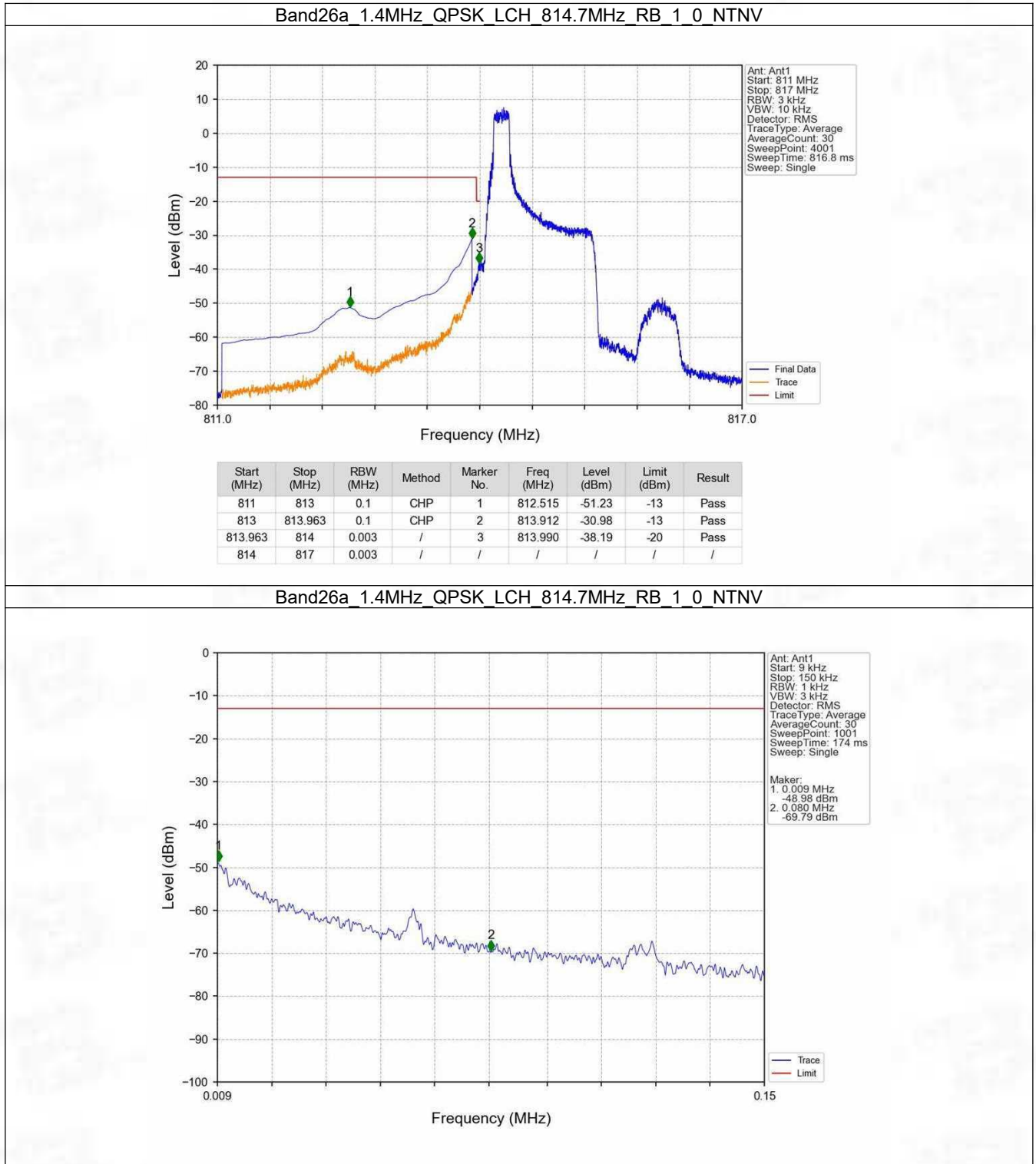
		25	0	Refer To Test Graph	Pass
	819	1	0	Refer To Test Graph	Pass
	821.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B26a_10MHz

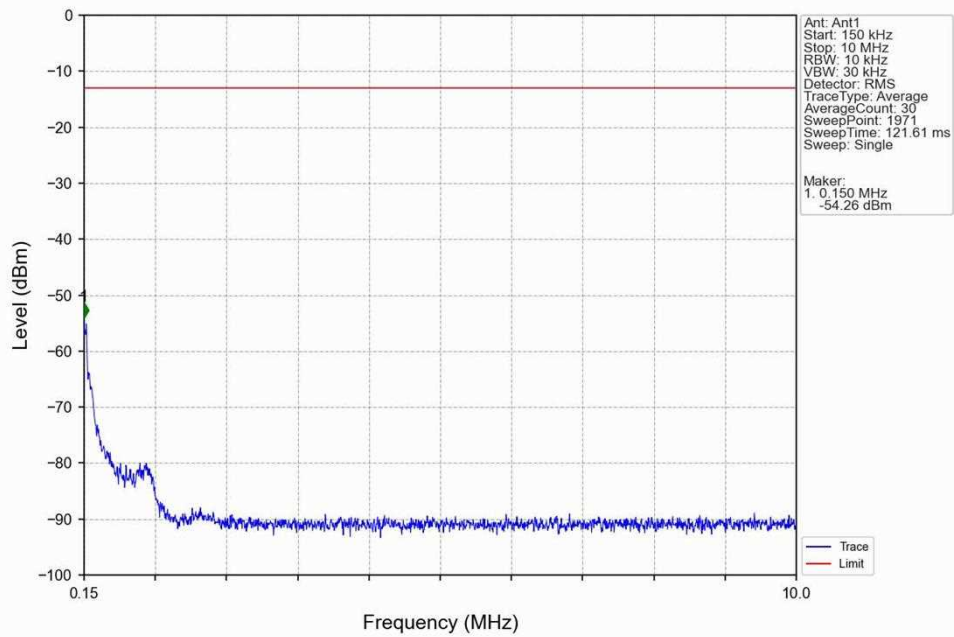
Band: 26a / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	819	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	819	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	819	1	0	Refer To Test Graph	Pass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

6.2 Test Graph

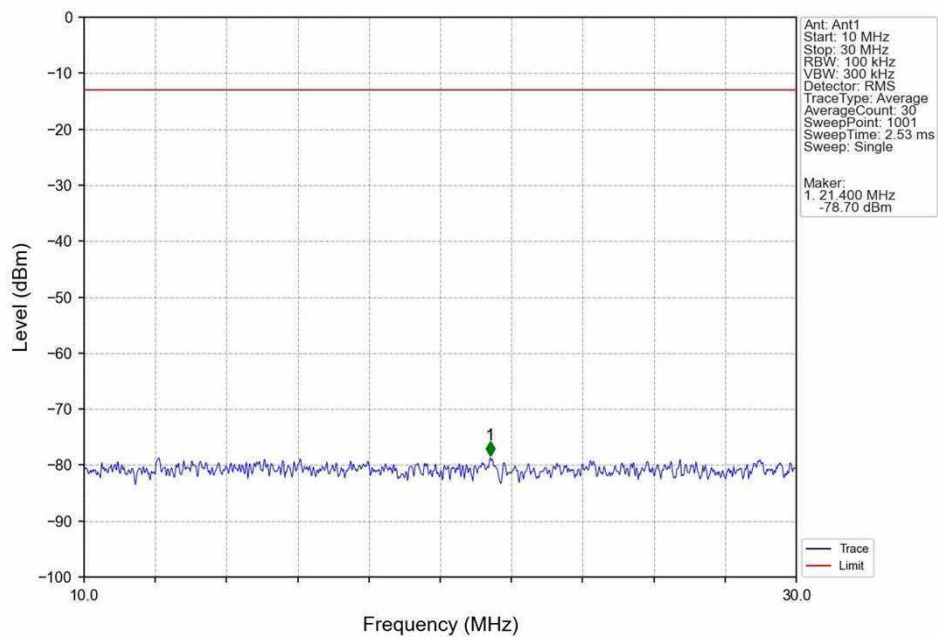
6.2.1 B26a_1.4MHz



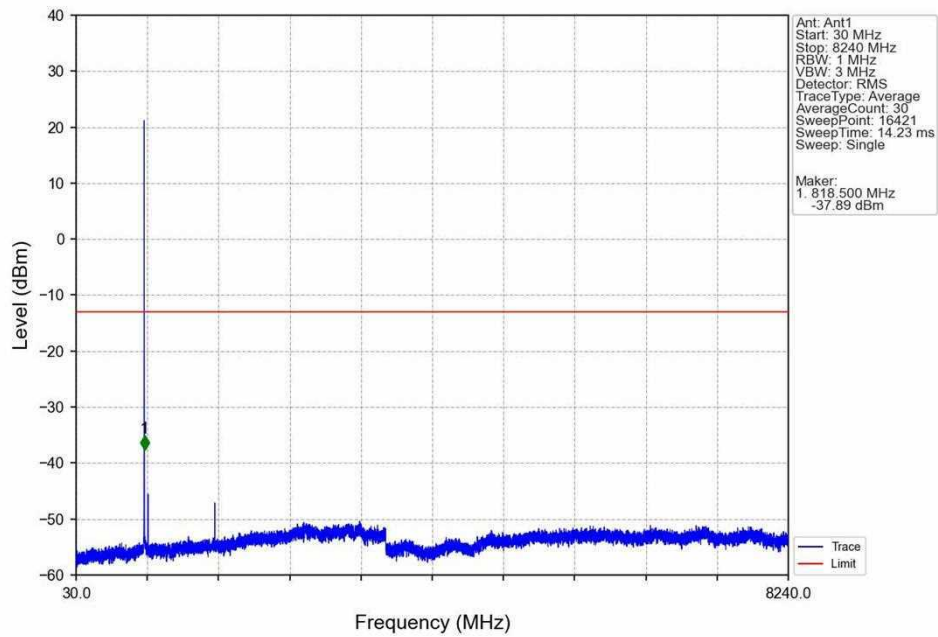
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV



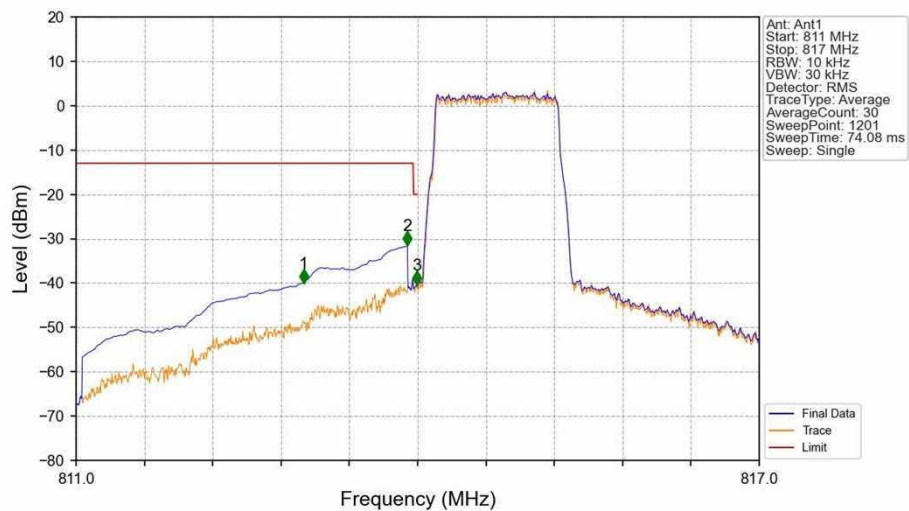
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

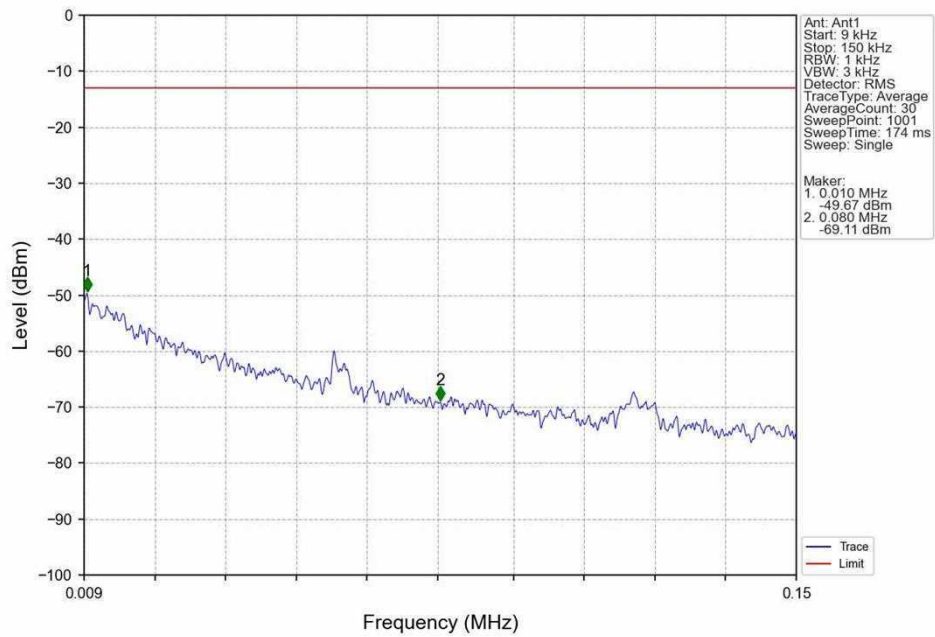


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	813.000	-39.97	-13	Pass
813	813.963	0.1	CHP	2	813.910	-31.57	-13	Pass
813.963	814	0.013	CHP	3	813.990	-40.46	-20	Pass
814	817	0.013	CHP	/	/	/	/	/

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV

