

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	22.23	<=50	Pass
			2	22.27	<=50	Pass
			5	22.26	<=50	Pass
		3	0	22.21	<=50	Pass
			2	22.27	<=50	Pass
			3	22.24	<=50	Pass
		6	0	21.16	<=50	Pass
	819	1	0	22.22	<=50	Pass
			2	22.21	<=50	Pass
			5	22.25	<=50	Pass
		3	0	22.15	<=50	Pass
			2	22.18	<=50	Pass
			3	22.18	<=50	Pass
		6	0	21.11	<=50	Pass
	823.3	1	0	22.29	<=50	Pass
			2	22.26	<=50	Pass
			5	22.23	<=50	Pass
		3	0	22.17	<=50	Pass
			2	22.17	<=50	Pass
			3	22.12	<=50	Pass
		6	0	21.23	<=50	Pass
16QAM	814.7	1	0	21.48	<=50	Pass
			2	21.22	<=50	Pass
			5	21.24	<=50	Pass
		3	0	20.84	<=50	Pass
			2	20.85	<=50	Pass
			3	20.86	<=50	Pass
		6	0	20.29	<=50	Pass
	819	1	0	21.22	<=50	Pass
			2	21.24	<=50	Pass
			5	21.25	<=50	Pass
		3	0	20.85	<=50	Pass
			2	20.83	<=50	Pass
			3	20.81	<=50	Pass
		6	0	20.28	<=50	Pass
	823.3	1	0	21.81	<=50	Pass
			2	21.83	<=50	Pass
			5	21.80	<=50	Pass
		3	0	21.16	<=50	Pass
			2	21.18	<=50	Pass
			3	21.21	<=50	Pass
		6	0	20.44	<=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	22.30	<=50	Pass
			7	22.21	<=50	Pass
			14	22.24	<=50	Pass
		8	0	21.12	<=50	Pass
			4	21.09	<=50	Pass
			7	21.19	<=50	Pass
		15	0	21.17	<=50	Pass
	819	1	0	22.13	<=50	Pass
			7	22.18	<=50	Pass
			14	22.30	<=50	Pass
		8	0	21.22	<=50	Pass
			4	21.19	<=50	Pass
			7	21.17	<=50	Pass
		15	0	21.16	<=50	Pass
	822.5	1	0	22.10	<=50	Pass
			7	22.03	<=50	Pass
			14	22.08	<=50	Pass
		8	0	21.14	<=50	Pass
			4	21.16	<=50	Pass
			7	21.15	<=50	Pass
		15	0	21.16	<=50	Pass
16QAM	815.5	1	0	21.49	<=50	Pass
			7	21.43	<=50	Pass
			14	21.45	<=50	Pass
		8	0	20.31	<=50	Pass
			4	20.30	<=50	Pass
			7	20.39	<=50	Pass
		15	0	20.16	<=50	Pass
	819	1	0	22.48	<=50	Pass
			7	22.55	<=50	Pass
			14	22.50	<=50	Pass
		8	0	20.21	<=50	Pass
			4	20.24	<=50	Pass
			7	20.18	<=50	Pass
		15	0	20.17	<=50	Pass
	822.5	1	0	21.69	<=50	Pass
			7	21.67	<=50	Pass
			14	21.70	<=50	Pass
		8	0	20.42	<=50	Pass
			4	20.47	<=50	Pass
			7	20.53	<=50	Pass
		15	0	20.29	<=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	22.01	<=50	Pass
			13	21.99	<=50	Pass
			24	22.02	<=50	Pass
		12	0	21.17	<=50	Pass
			6	21.07	<=50	Pass
			13	21.01	<=50	Pass
		25	0	21.18	<=50	Pass

16QAM	819	1	0	22.17	<=50	Pass
			13	22.20	<=50	Pass
			24	22.20	<=50	Pass
		12	0	21.11	<=50	Pass
			6	21.19	<=50	Pass
			13	21.18	<=50	Pass
		25	0	21.25	<=50	Pass
	821.5	1	0	22.07	<=50	Pass
			13	22.14	<=50	Pass
			24	22.07	<=50	Pass
		12	0	21.19	<=50	Pass
			6	21.22	<=50	Pass
			13	21.17	<=50	Pass
		25	0	21.20	<=50	Pass
	816.5	1	0	21.62	<=50	Pass
			13	21.63	<=50	Pass
			24	21.62	<=50	Pass
		12	0	20.04	<=50	Pass
			6	20.08	<=50	Pass
			13	20.03	<=50	Pass
		25	0	20.18	<=50	Pass
	819	1	0	21.72	<=50	Pass
			13	21.74	<=50	Pass
			24	21.77	<=50	Pass
		12	0	20.21	<=50	Pass
			6	20.36	<=50	Pass
			13	20.14	<=50	Pass
		25	0	20.20	<=50	Pass
	821.5	1	0	20.72	<=50	Pass
			13	20.68	<=50	Pass
			24	20.67	<=50	Pass
		12	0	20.32	<=50	Pass
			6	20.32	<=50	Pass
			13	20.26	<=50	Pass
		25	0	20.34	<=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	22.10	<=50	Pass
			25	22.12	<=50	Pass
			49	22.09	<=50	Pass
		25	0	21.06	<=50	Pass
			13	21.17	<=50	Pass
			25	21.08	<=50	Pass
		50	0	21.14	<=50	Pass
16QAM	819	1	0	22.31	<=50	Pass
			25	22.40	<=50	Pass
			49	22.35	<=50	Pass
		25	0	20.27	<=50	Pass
			13	20.32	<=50	Pass
			25	20.35	<=50	Pass
		50	0	20.23	<=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	6.137	0.0075	-2.5 to 2.5	Pass
					3.85	-7.153	-0.0088	-2.5 to 2.5	Pass
					4.43	-20.027	-0.0246	-2.5 to 2.5	Pass
				-30	3.85	-32.444	-0.0398	-2.5 to 2.5	Pass
				-20	3.85	-39.597	-0.0486	-2.5 to 2.5	Pass
				-10	3.85	-44.975	-0.0552	-2.5 to 2.5	Pass
				0	3.85	-6.094	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-9.556	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-14.520	-0.0178	-2.5 to 2.5	Pass
				40	3.85	-16.809	-0.0206	-2.5 to 2.5	Pass
				50	3.85	-17.095	-0.0210	-2.5 to 2.5	Pass
	819	6	0	20	3.27	7.067	0.0086	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0028	-2.5 to 2.5	Pass
					4.43	-8.111	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-17.610	-0.0215	-2.5 to 2.5	Pass
				-20	3.85	-27.494	-0.0336	-2.5 to 2.5	Pass
				-10	3.85	-30.470	-0.0372	-2.5 to 2.5	Pass
				0	3.85	-34.375	-0.0420	-2.5 to 2.5	Pass
				10	3.85	-39.783	-0.0486	-2.5 to 2.5	Pass
				30	3.85	-42.830	-0.0523	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-4.706	-0.0057	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	7.238	0.0088	-2.5 to 2.5	Pass
					3.85	-5.579	-0.0068	-2.5 to 2.5	Pass
					4.43	-20.657	-0.0251	-2.5 to 2.5	Pass
				-30	3.85	-29.283	-0.0356	-2.5 to 2.5	Pass
				-20	3.85	-39.024	-0.0474	-2.5 to 2.5	Pass
				-10	3.85	-46.091	-0.0560	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-9.584	-0.0116	-2.5 to 2.5	Pass
				40	3.85	-14.277	-0.0173	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	-17.653	-0.0217	-2.5 to 2.5	Pass
					3.85	-11.101	-0.0136	-2.5 to 2.5	Pass
					4.43	-3.777	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.633	0.0045	-2.5 to 2.5	Pass
				-10	3.85	6.552	0.0080	-2.5 to 2.5	Pass
				0	3.85	11.101	0.0136	-2.5 to 2.5	Pass
				10	3.85	12.975	0.0159	-2.5 to 2.5	Pass
				30	3.85	14.920	0.0183	-2.5 to 2.5	Pass
				40	3.85	15.478	0.0190	-2.5 to 2.5	Pass
				50	3.85	17.037	0.0209	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-6.666	-0.0081	-2.5 to 2.5	Pass
					3.85	1.016	0.0012	-2.5 to 2.5	Pass
					4.43	3.734	0.0046	-2.5 to 2.5	Pass
				-30	3.85	5.422	0.0066	-2.5 to 2.5	Pass
				-20	3.85	10.228	0.0125	-2.5 to 2.5	Pass

				-10	3.85	10.171	0.0124	-2.5 to 2.5	Pass
				0	3.85	10.514	0.0128	-2.5 to 2.5	Pass
				10	3.85	13.304	0.0162	-2.5 to 2.5	Pass
				30	3.85	15.378	0.0188	-2.5 to 2.5	Pass
				40	3.85	15.278	0.0187	-2.5 to 2.5	Pass
				50	3.85	15.950	0.0195	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-16.980	-0.0206	-2.5 to 2.5	Pass
					3.85	-15.321	-0.0186	-2.5 to 2.5	Pass
					4.43	-10.543	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-3.877	-0.0047	-2.5 to 2.5	Pass
				0	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.858	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.103	0.0026	-2.5 to 2.5	Pass
				40	3.85	2.875	0.0035	-2.5 to 2.5	Pass
				50	3.85	3.076	0.0037	-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	6.108	0.0075	-2.5 to 2.5	Pass
					3.85	-27.838	-0.0341	-2.5 to 2.5	Pass
					4.43	-10.114	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-30.355	-0.0372	-2.5 to 2.5	Pass
				-20	3.85	-44.918	-0.0551	-2.5 to 2.5	Pass
				-10	3.85	-16.322	-0.0200	-2.5 to 2.5	Pass
				0	3.85	-26.078	-0.0320	-2.5 to 2.5	Pass
				10	3.85	-33.417	-0.0410	-2.5 to 2.5	Pass
				30	3.85	-36.120	-0.0443	-2.5 to 2.5	Pass
				40	3.85	-39.639	-0.0486	-2.5 to 2.5	Pass
				50	3.85	-46.420	-0.0569	-2.5 to 2.5	Pass
	819	15	0	20	3.27	6.595	0.0081	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0064	-2.5 to 2.5	Pass
					4.43	-16.580	-0.0202	-2.5 to 2.5	Pass
				-30	3.85	-26.350	-0.0322	-2.5 to 2.5	Pass
				-20	3.85	-31.185	-0.0381	-2.5 to 2.5	Pass
				-10	3.85	-38.524	-0.0470	-2.5 to 2.5	Pass
				0	3.85	-41.227	-0.0503	-2.5 to 2.5	Pass
				10	3.85	-43.259	-0.0528	-2.5 to 2.5	Pass
				30	3.85	-46.191	-0.0564	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	-3.748	-0.0046	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	5.436	0.0066	-2.5 to 2.5	Pass
					3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
					4.43	-18.711	-0.0227	-2.5 to 2.5	Pass
				-30	3.85	-28.811	-0.0350	-2.5 to 2.5	Pass
				-20	3.85	-37.007	-0.0450	-2.5 to 2.5	Pass
				-10	3.85	4.678	0.0057	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-6.280	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-10.200	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-16.422	-0.0200	-2.5 to 2.5	Pass
				50	3.85	-17.953	-0.0218	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	1.645	0.0020	-2.5 to 2.5	Pass
					3.85	5.279	0.0065	-2.5 to 2.5	Pass

					4.43	11.144	0.0137	-2.5 to 2.5	Pass
				-30	3.85	15.407	0.0189	-2.5 to 2.5	Pass
				-20	3.85	19.956	0.0245	-2.5 to 2.5	Pass
				-10	3.85	22.430	0.0275	-2.5 to 2.5	Pass
				0	3.85	25.163	0.0309	-2.5 to 2.5	Pass
				10	3.85	29.697	0.0364	-2.5 to 2.5	Pass
				30	3.85	27.194	0.0333	-2.5 to 2.5	Pass
				40	3.85	30.971	0.0380	-2.5 to 2.5	Pass
	819	15	0	50	3.85	32.930	0.0404	-2.5 to 2.5	Pass
				20	3.27	-10.443	-0.0128	-2.5 to 2.5	Pass
					3.85	-5.822	-0.0071	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.945	0.0024	-2.5 to 2.5	Pass
				-20	3.85	4.778	0.0058	-2.5 to 2.5	Pass
				-10	3.85	7.954	0.0097	-2.5 to 2.5	Pass
				0	3.85	8.669	0.0106	-2.5 to 2.5	Pass
				10	3.85	6.652	0.0081	-2.5 to 2.5	Pass
				30	3.85	8.240	0.0101	-2.5 to 2.5	Pass
				40	3.85	9.727	0.0119	-2.5 to 2.5	Pass
				50	3.85	9.956	0.0122	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-23.303	-0.0283	-2.5 to 2.5	Pass
					3.85	-19.298	-0.0235	-2.5 to 2.5	Pass
					4.43	-15.206	-0.0185	-2.5 to 2.5	Pass
				-30	3.85	-12.574	-0.0153	-2.5 to 2.5	Pass
				-20	3.85	-10.042	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-6.952	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-4.721	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.216	-0.0015	-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	1.988	0.0024	-2.5 to 2.5	Pass
					3.85	-37.866	-0.0464	-2.5 to 2.5	Pass
					4.43	-24.405	-0.0299	-2.5 to 2.5	Pass
				-30	3.85	-10.214	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-26.722	-0.0327	-2.5 to 2.5	Pass
				-10	3.85	-39.597	-0.0485	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-13.490	-0.0165	-2.5 to 2.5	Pass
				40	3.85	-18.439	-0.0226	-2.5 to 2.5	Pass
				50	3.85	-21.315	-0.0261	-2.5 to 2.5	Pass
	819	25	0	20	3.27	7.324	0.0089	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
					4.43	-12.717	-0.0155	-2.5 to 2.5	Pass
				-30	3.85	-24.261	-0.0296	-2.5 to 2.5	Pass
				-20	3.85	-33.159	-0.0405	-2.5 to 2.5	Pass
				-10	3.85	-39.711	-0.0485	-2.5 to 2.5	Pass
				0	3.85	-44.303	-0.0541	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.103	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-5.651	-0.0069	-2.5 to 2.5	Pass

16QAM	821.5	25	0	50	3.85	-9.885	-0.0121	-2.5 to 2.5	Pass
				20	3.27	10.843	0.0132	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
					4.43	-14.520	-0.0177	-2.5 to 2.5	Pass
				-30	3.85	-25.892	-0.0315	-2.5 to 2.5	Pass
				-20	3.85	-35.849	-0.0436	-2.5 to 2.5	Pass
				-10	3.85	-43.874	-0.0534	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-11.659	-0.0142	-2.5 to 2.5	Pass
				50	3.85	-14.591	-0.0178	-2.5 to 2.5	Pass
	816.5	25	0	20	3.27	-25.420	-0.0311	-2.5 to 2.5	Pass
					3.85	-20.213	-0.0248	-2.5 to 2.5	Pass
					4.43	-16.565	-0.0203	-2.5 to 2.5	Pass
				-30	3.85	-12.960	-0.0159	-2.5 to 2.5	Pass
				-20	3.85	-7.782	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-4.621	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-2.918	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.917	0.0023	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-10.071	-0.0123	-2.5 to 2.5	Pass
					3.85	-4.163	-0.0051	-2.5 to 2.5	Pass
					4.43	0.229	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				-20	3.85	7.482	0.0091	-2.5 to 2.5	Pass
				-10	3.85	11.787	0.0144	-2.5 to 2.5	Pass
				0	3.85	14.091	0.0172	-2.5 to 2.5	Pass
				10	3.85	20.857	0.0255	-2.5 to 2.5	Pass
				30	3.85	22.759	0.0278	-2.5 to 2.5	Pass
				40	3.85	22.616	0.0276	-2.5 to 2.5	Pass
				50	3.85	23.346	0.0285	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-16.723	-0.0204	-2.5 to 2.5	Pass
					3.85	-12.388	-0.0151	-2.5 to 2.5	Pass
					4.43	-9.999	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-5.593	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0054	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.860	0.0023	-2.5 to 2.5	Pass
				30	3.85	1.960	0.0024	-2.5 to 2.5	Pass
				40	3.85	2.990	0.0036	-2.5 to 2.5	Pass
				50	3.85	2.532	0.0031	-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	-30.127	-0.0368	-2.5 to 2.5	Pass
					3.85	-27.881	-0.0340	-2.5 to 2.5	Pass
					4.43	-17.238	-0.0210	-2.5 to 2.5	Pass
				-30	3.85	-28.868	-0.0352	-2.5 to 2.5	Pass
				-20	3.85	-26.364	-0.0322	-2.5 to 2.5	Pass
				-10	3.85	-19.569	-0.0239	-2.5 to 2.5	Pass
				0	3.85	-20.027	-0.0245	-2.5 to 2.5	Pass

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Version: 1/00

16QAM	819	50	0	10	3.85	-14.219	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-16.937	-0.0207	-2.5 to 2.5	Pass
				40	3.85	-10.500	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-41.513	-0.0507	-2.5 to 2.5	Pass
				20	3.27	-26.193	-0.0320	-2.5 to 2.5	Pass
					3.85	-43.488	-0.0531	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-20.914	-0.0255	-2.5 to 2.5	Pass
				-20	3.85	-36.078	-0.0441	-2.5 to 2.5	Pass
				-10	3.85	-35.205	-0.0430	-2.5 to 2.5	Pass
				0	3.85	-10.400	-0.0127	-2.5 to 2.5	Pass
				10	3.85	-22.144	-0.0270	-2.5 to 2.5	Pass
				30	3.85	-28.553	-0.0349	-2.5 to 2.5	Pass
				40	3.85	-26.679	-0.0326	-2.5 to 2.5	Pass
				50	3.85	-7.925	-0.0097	-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

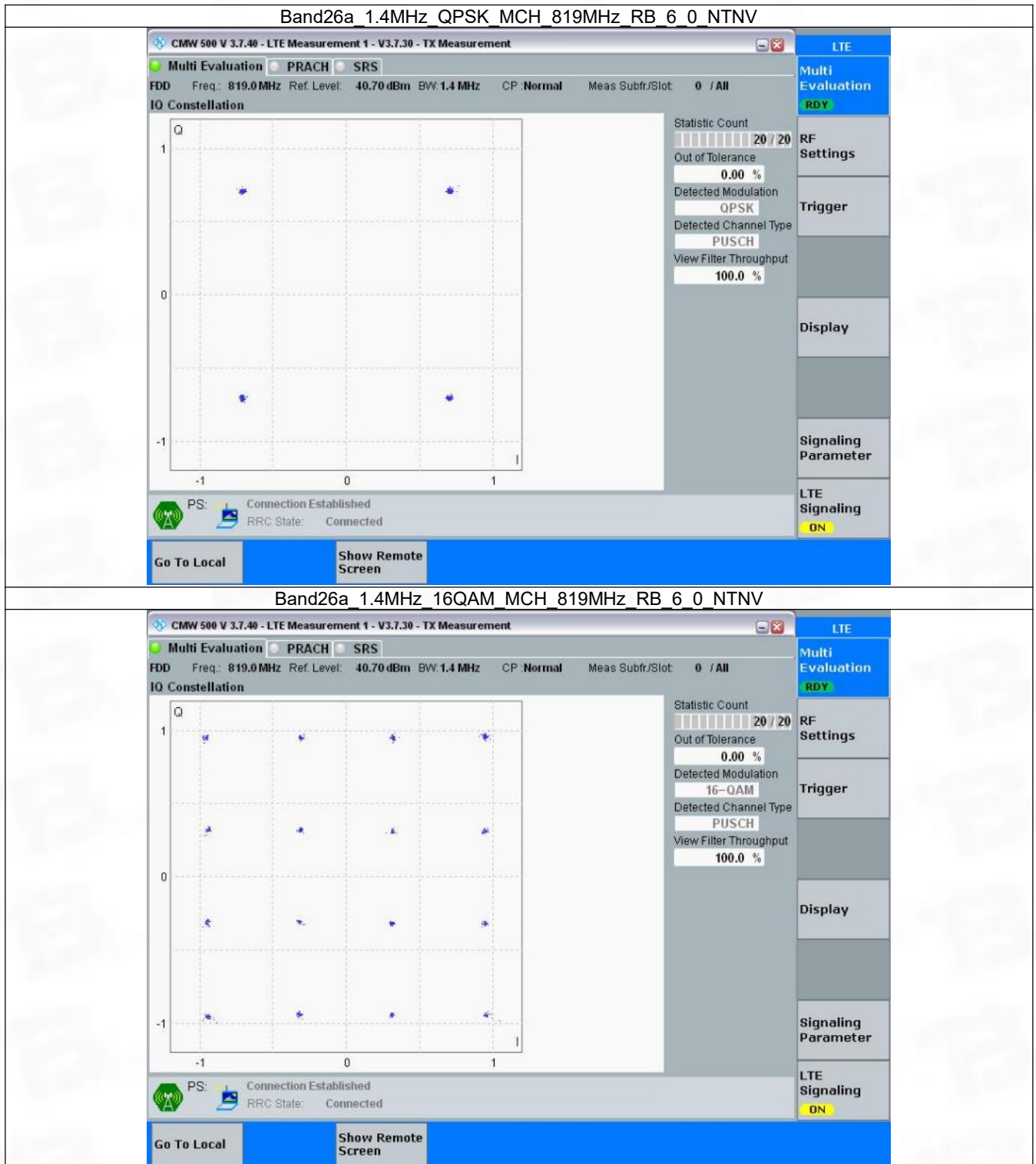
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

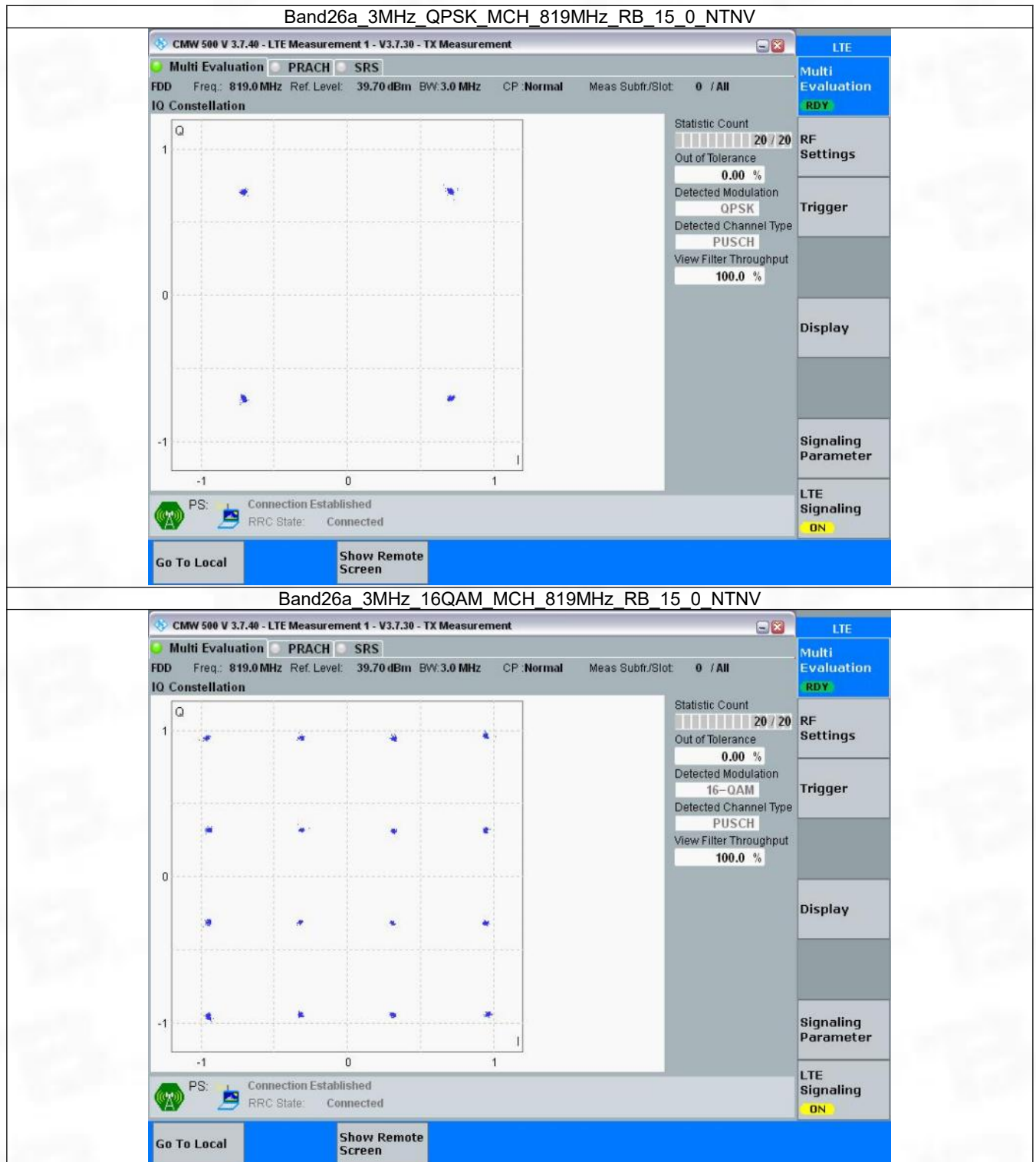
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

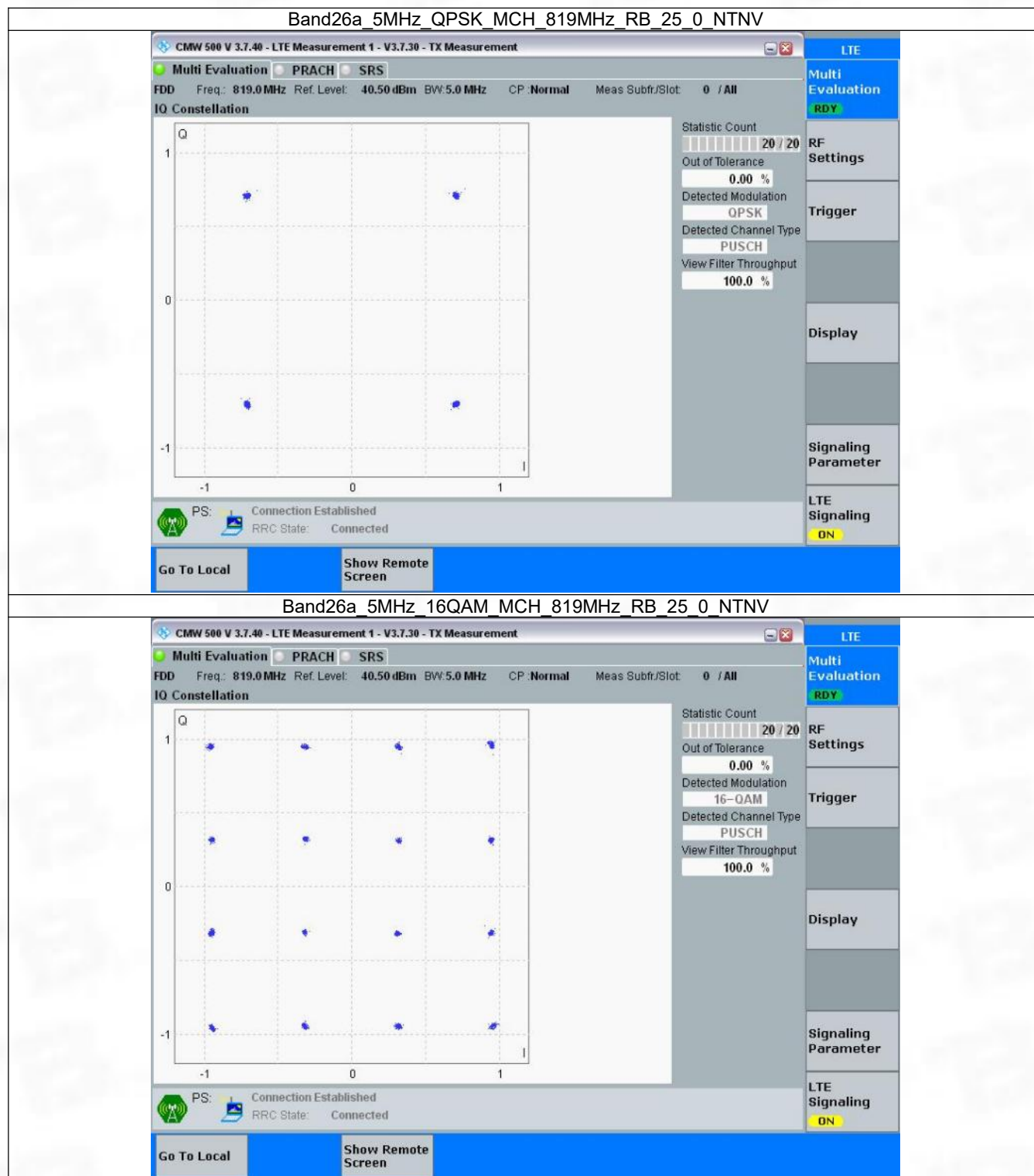
3.2.1 B26a_1.4MHz



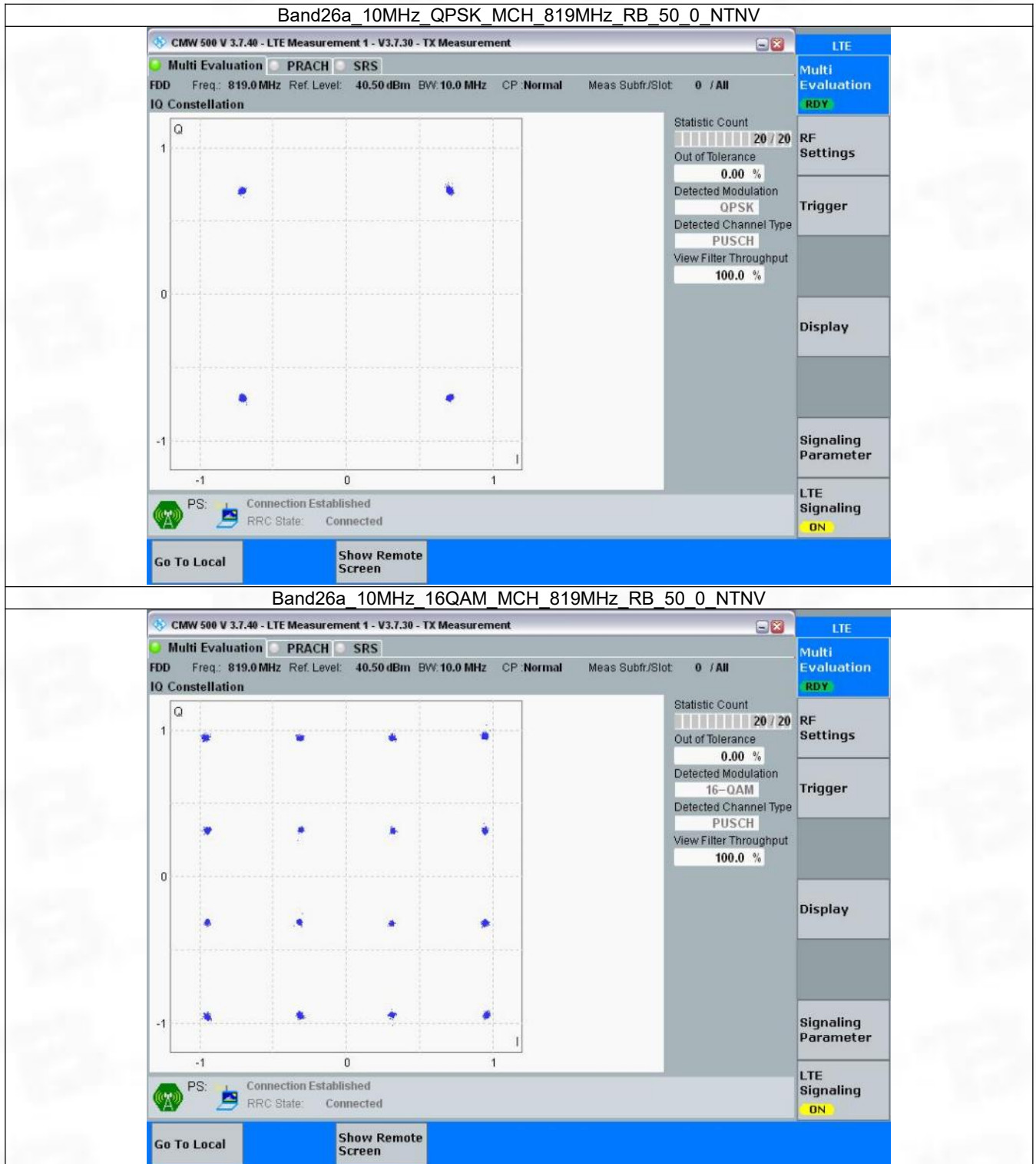
3.2.2 B26a_3MHz



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	1.119	/	Pass
		819	6	0	1.107	/	Pass
		823.3	6	0	1.109	/	Pass
	16QAM	814.7	6	0	1.116	/	Pass
		819	6	0	1.105	/	Pass
		823.3	6	0	1.119	/	Pass
3	QPSK	815.5	15	0	2.752	/	Pass
		819	15	0	2.763	/	Pass
		822.5	15	0	2.761	/	Pass
	16QAM	815.5	15	0	2.748	/	Pass
		819	15	0	2.751	/	Pass
		822.5	15	0	2.762	/	Pass
5	QPSK	816.5	25	0	4.546	/	Pass
		819	25	0	4.554	/	Pass
		821.5	25	0	4.549	/	Pass
	16QAM	816.5	25	0	4.542	/	Pass
		819	25	0	4.550	/	Pass
		821.5	25	0	4.565	/	Pass
10	QPSK	819	50	0	9.037	/	Pass
	16QAM	819	50	0	9.040	/	Pass

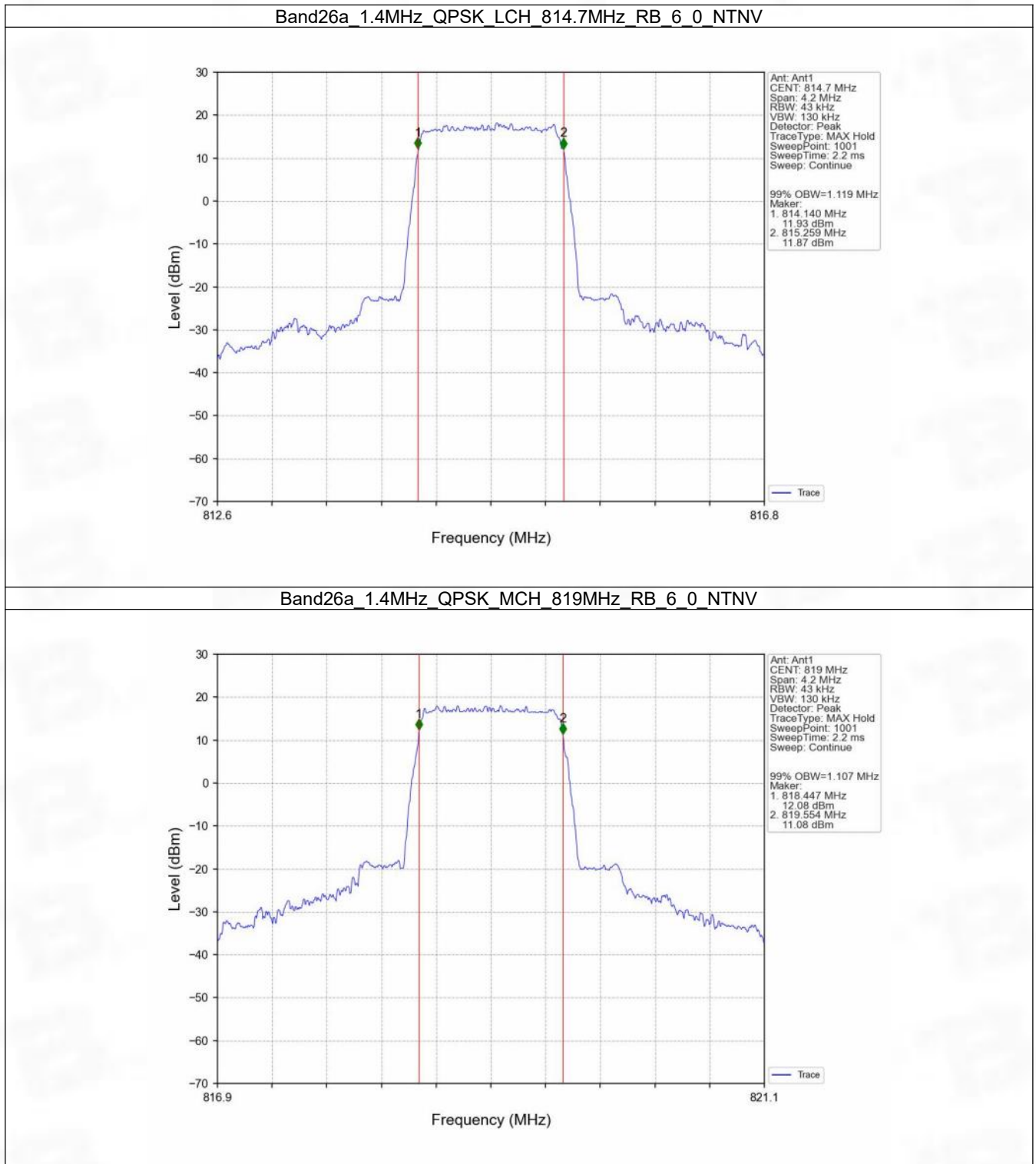
4.1.2 Band26a_XDB

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	1.278	/	Pass
		823.3	6	0	1.274	/	Pass
	16QAM	814.7	6	0	1.279	/	Pass
		819	6	0	1.269	/	Pass
		823.3	6	0	1.277	/	Pass
3	QPSK	815.5	15	0	3.081	/	Pass
		819	15	0	3.086	/	Pass
		822.5	15	0	3.108	/	Pass
	16QAM	815.5	15	0	3.099	/	Pass
		819	15	0	3.099	/	Pass
		822.5	15	0	3.099	/	Pass
5	QPSK	816.5	25	0	5.087	/	Pass
		819	25	0	5.068	/	Pass
		821.5	25	0	5.076	/	Pass
	16QAM	816.5	25	0	5.065	/	Pass
		819	25	0	5.086	/	Pass
		821.5	25	0	5.081	/	Pass
10	QPSK	819	50	0	10.002	/	Pass

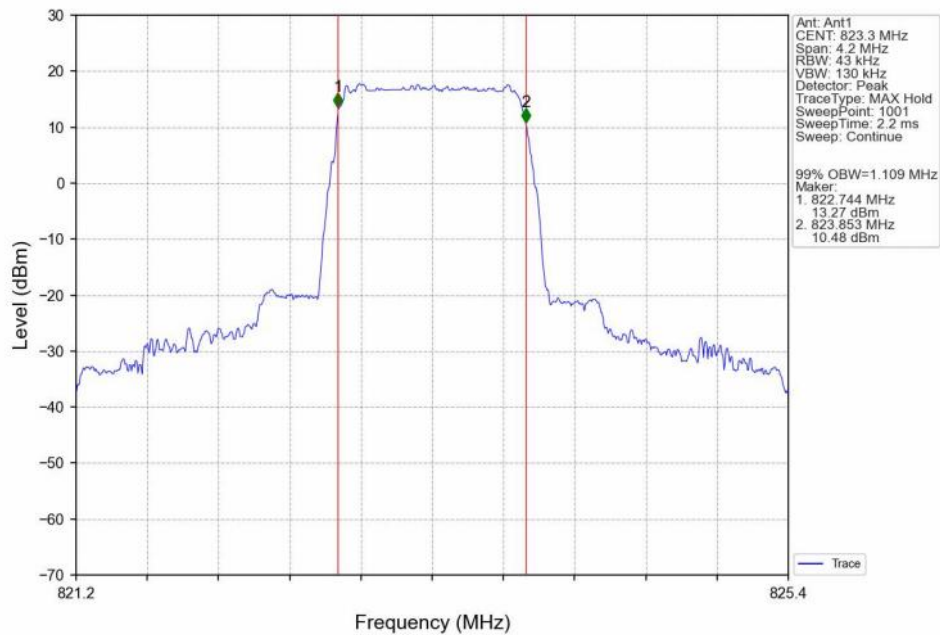
	16QAM	819	50	0	10.059	/	Pass
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4.2 Test Graph

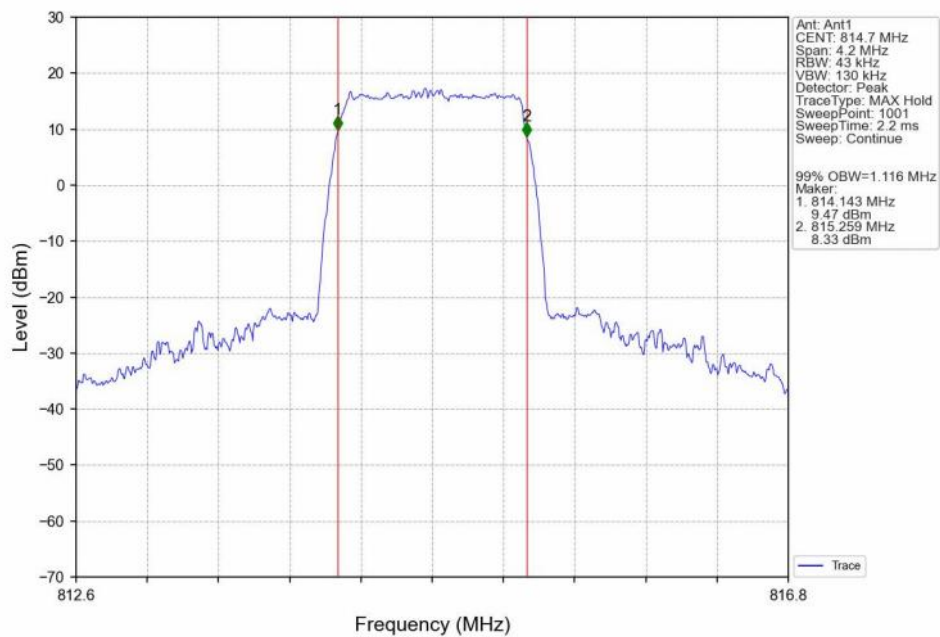
4.2.1 Band26a_OBW



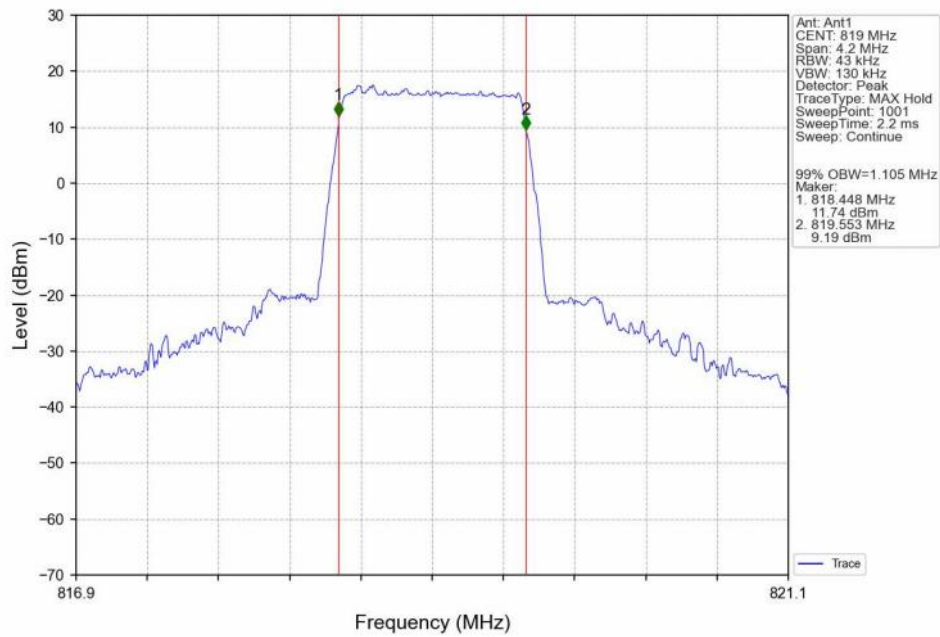
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



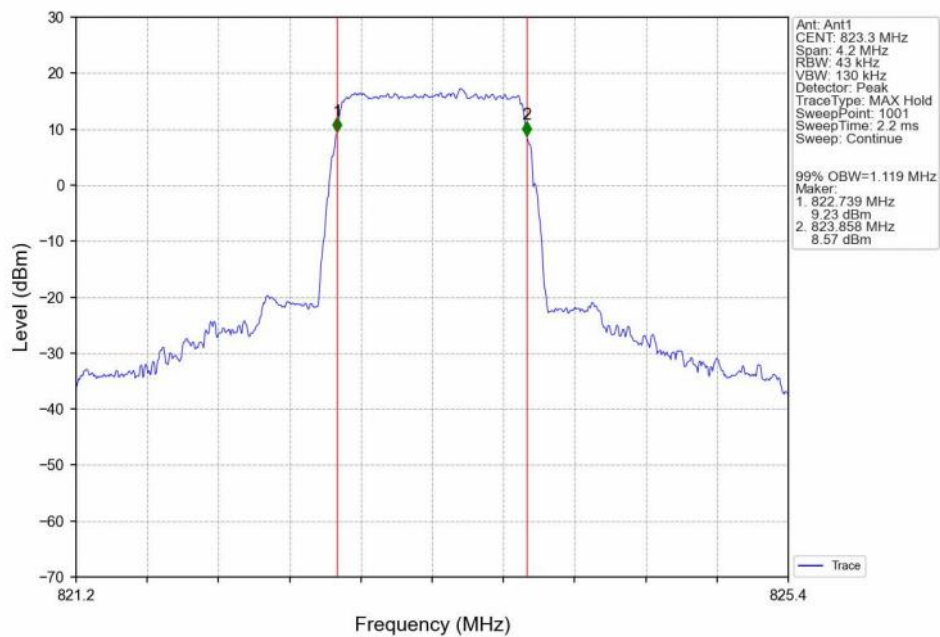
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



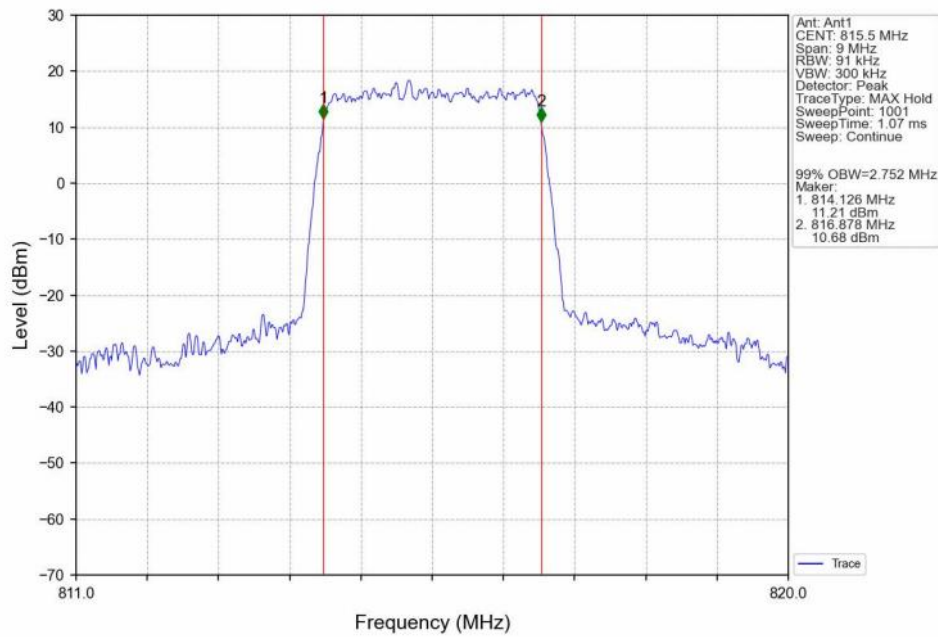
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



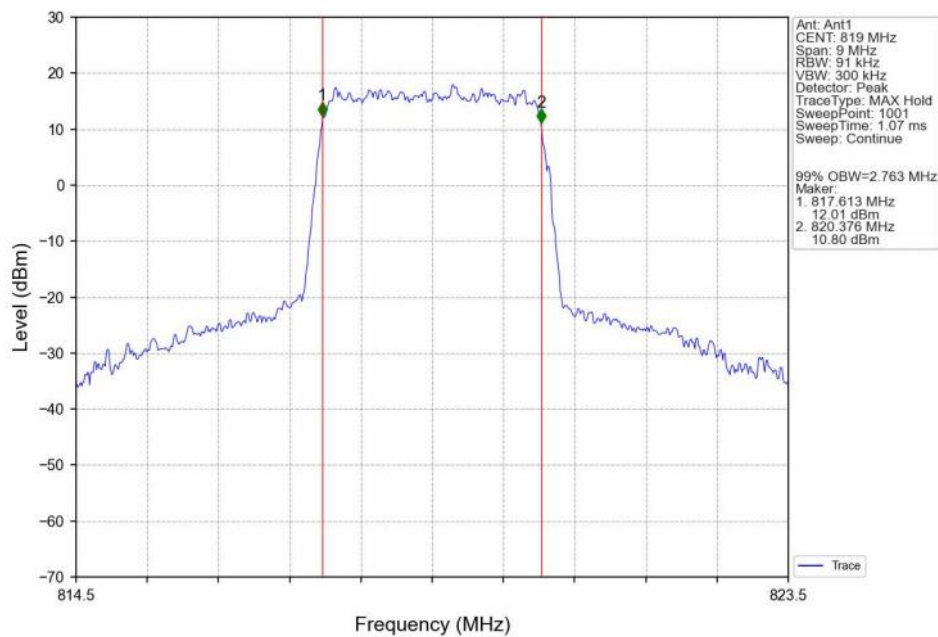
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



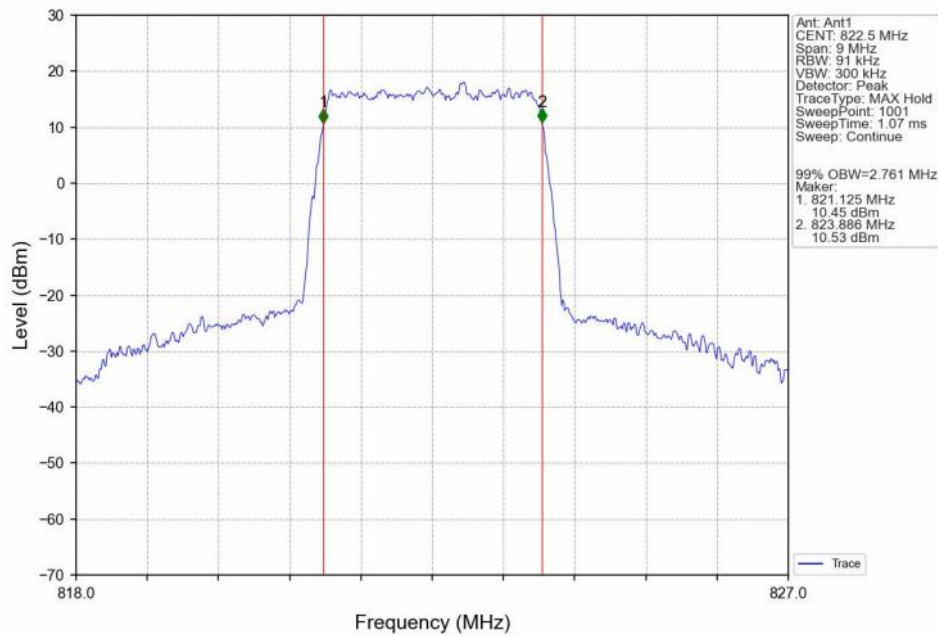
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



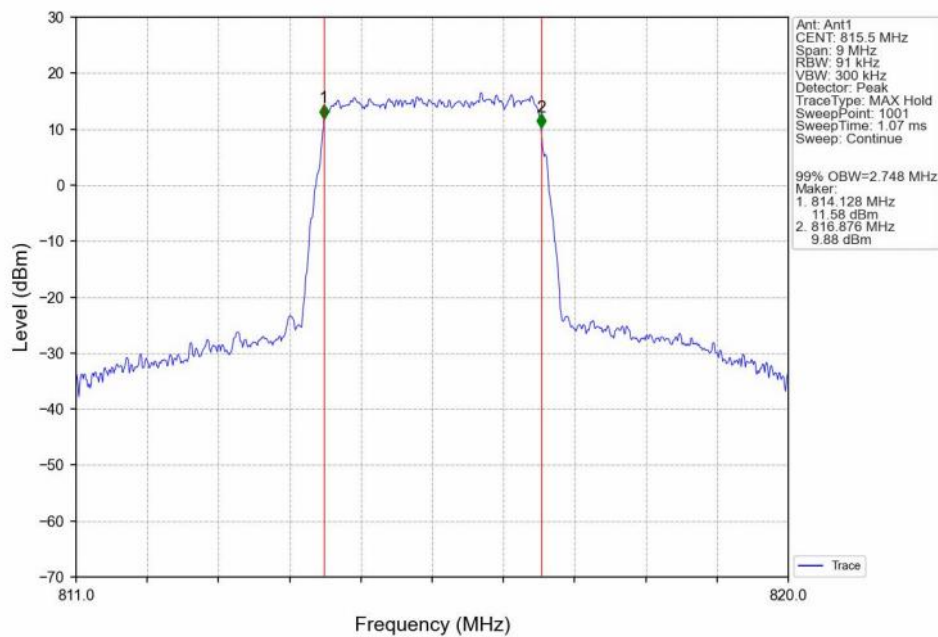
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



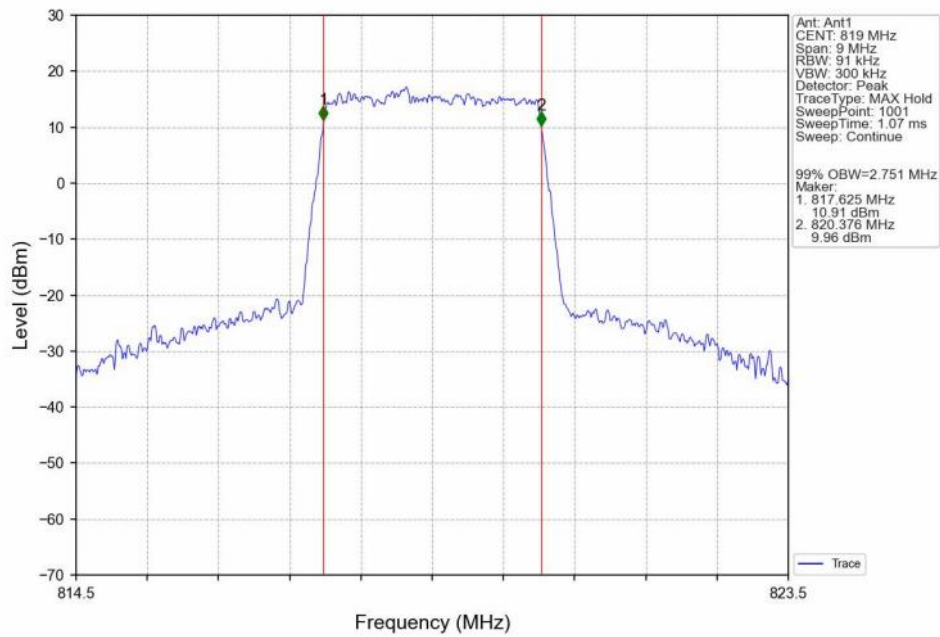
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



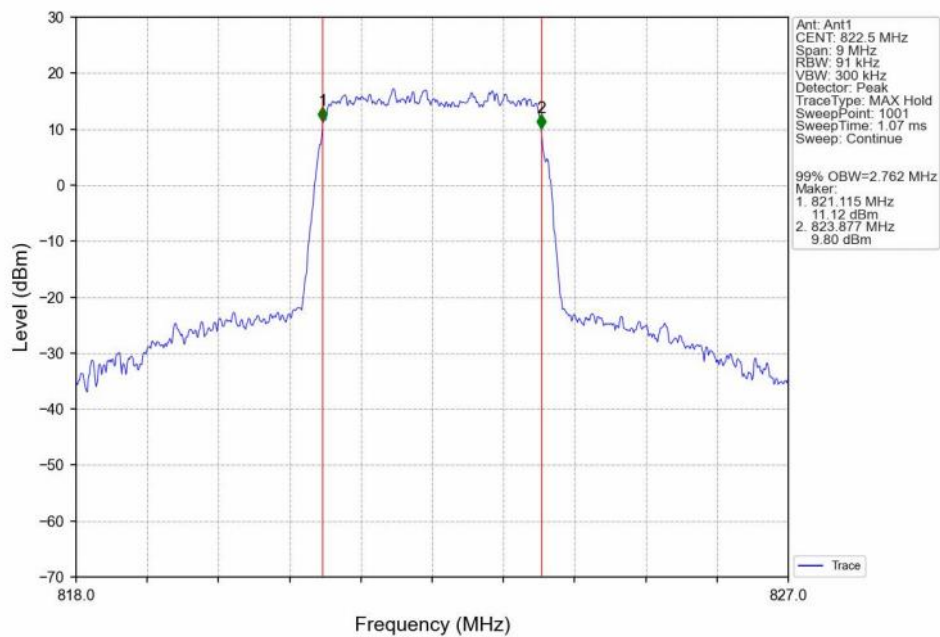
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



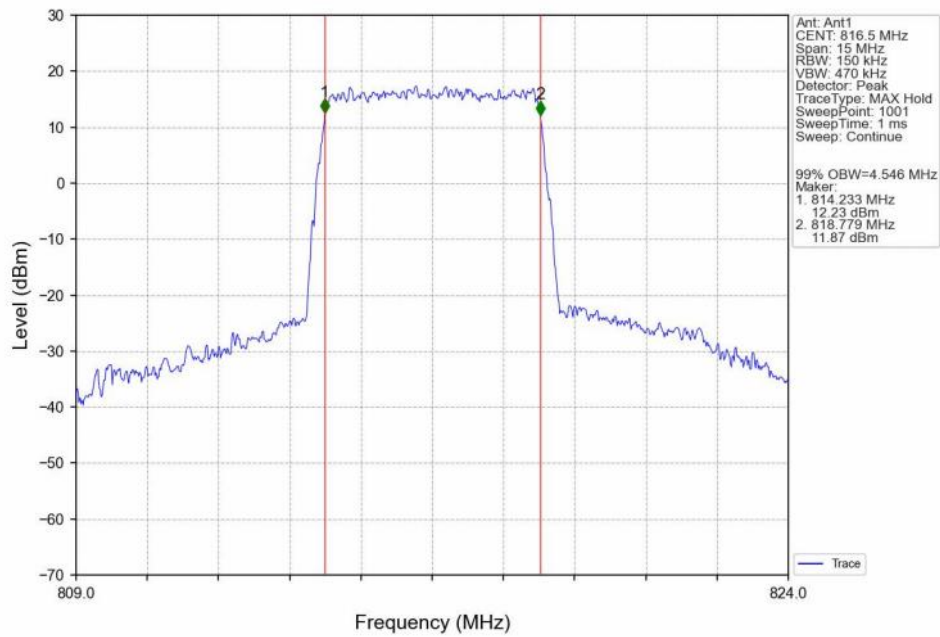
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



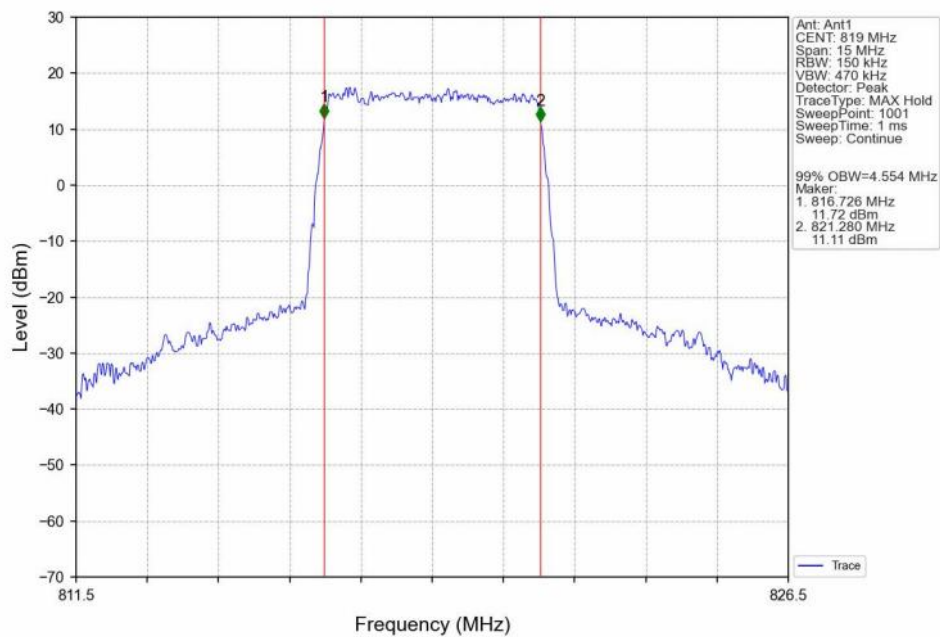
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



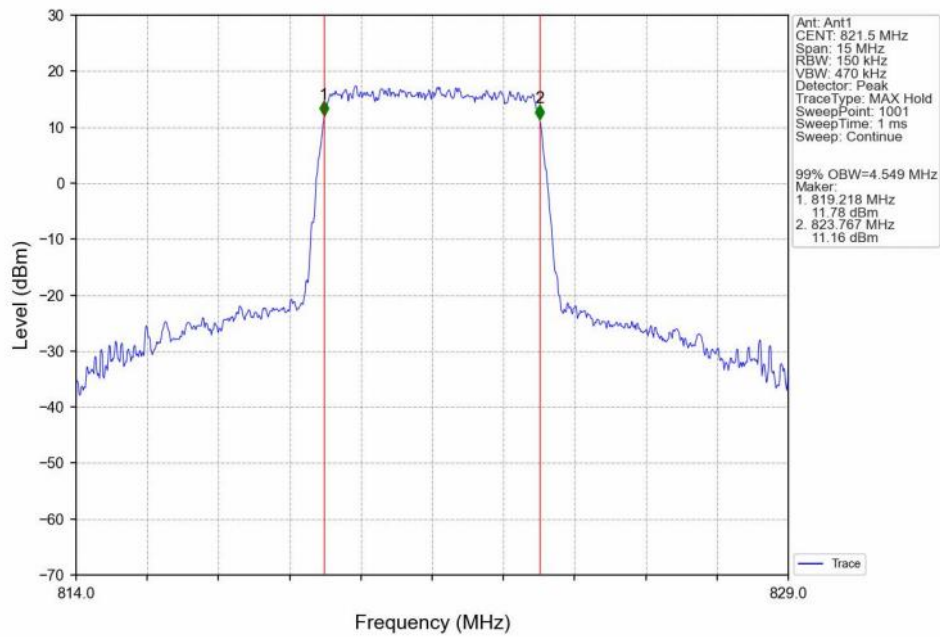
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



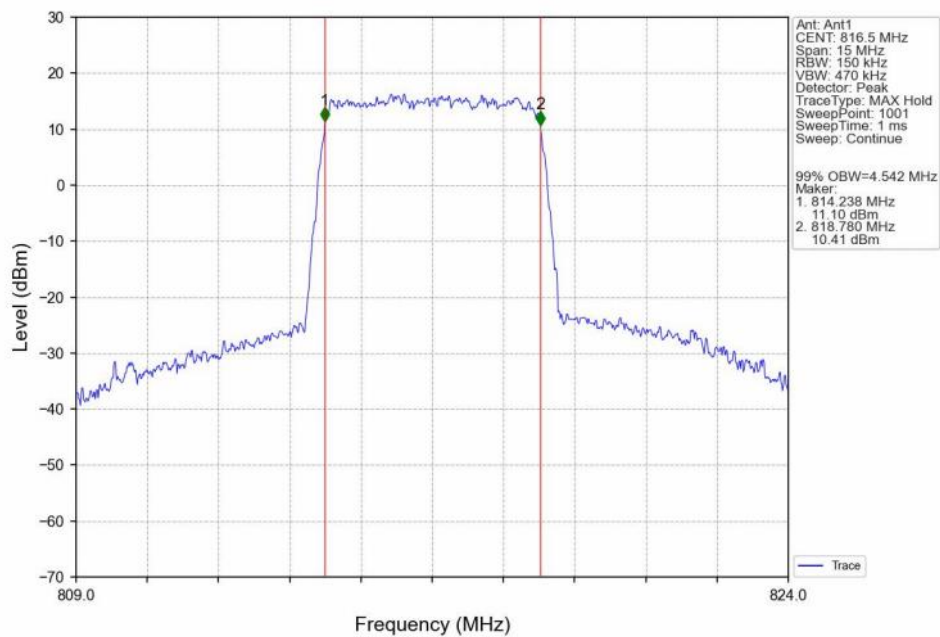
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



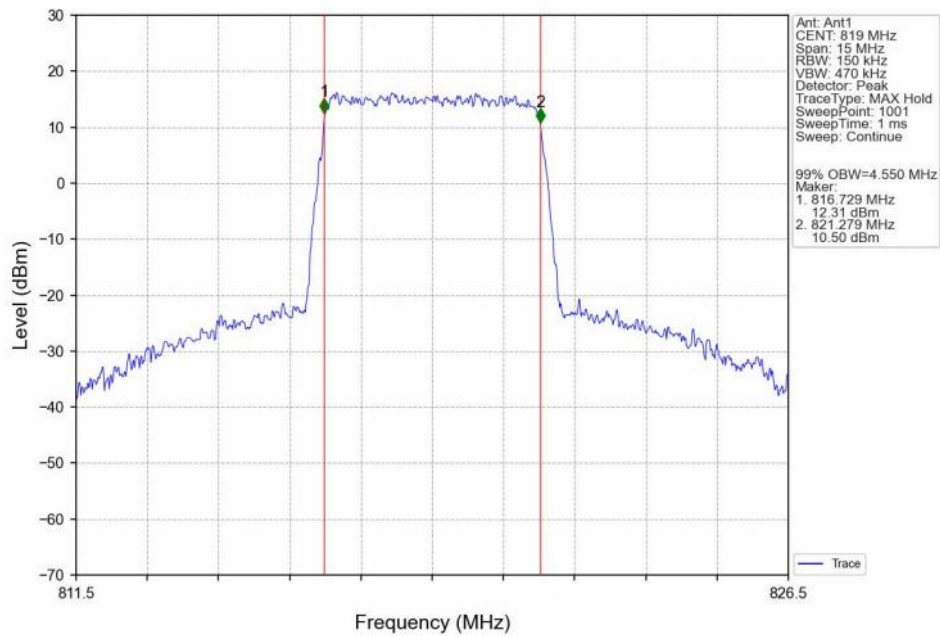
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



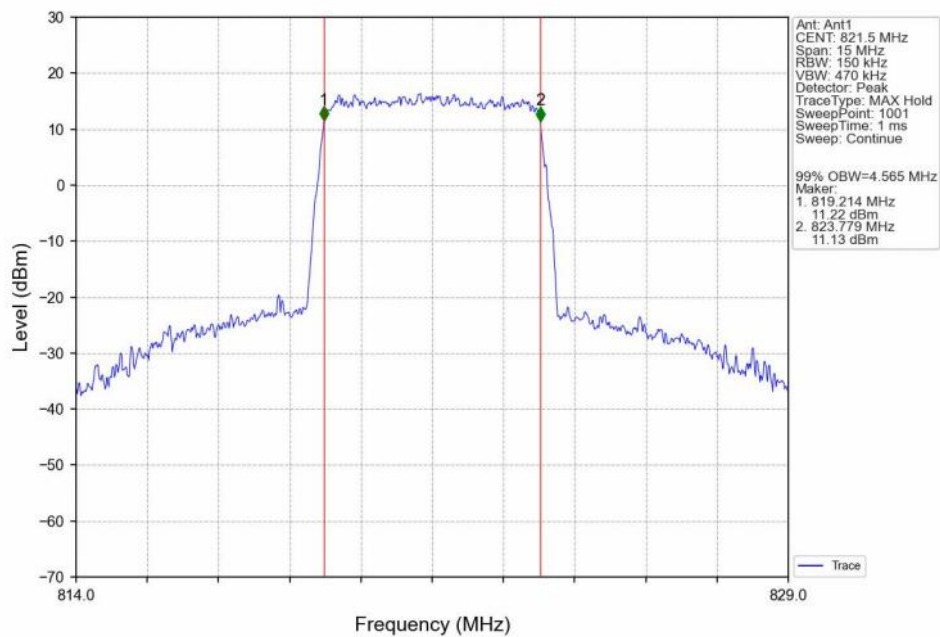
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



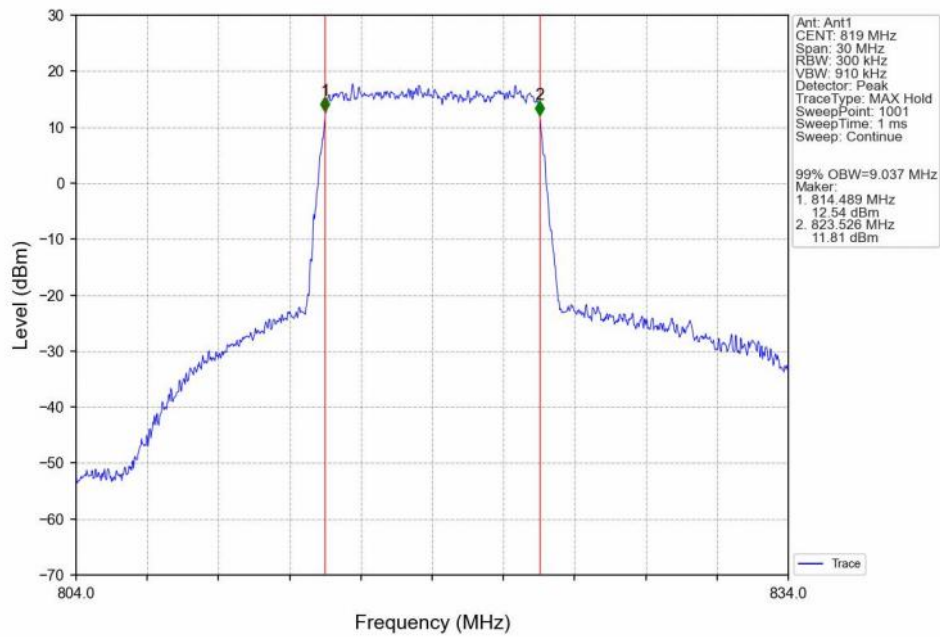
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



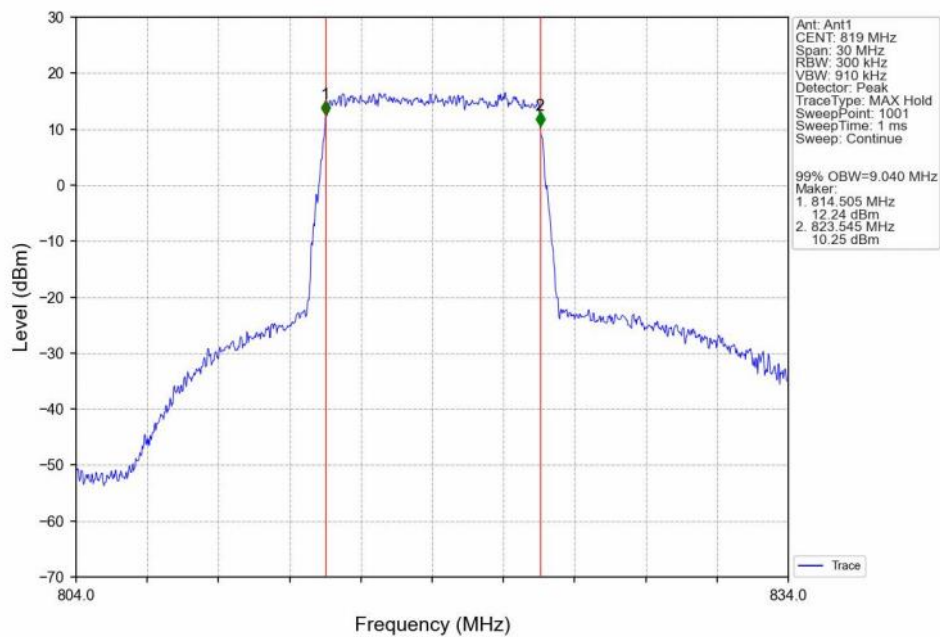
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



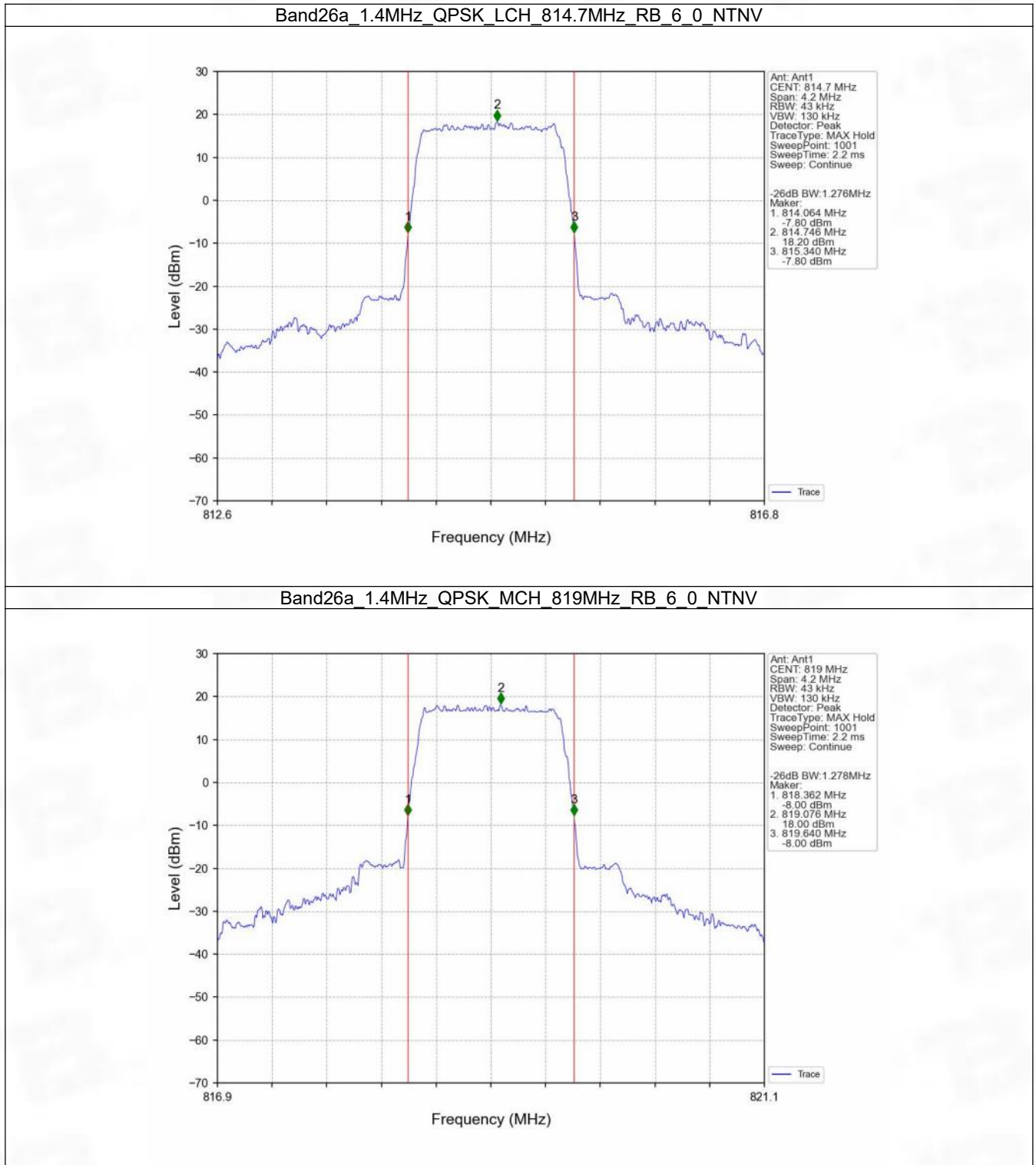
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



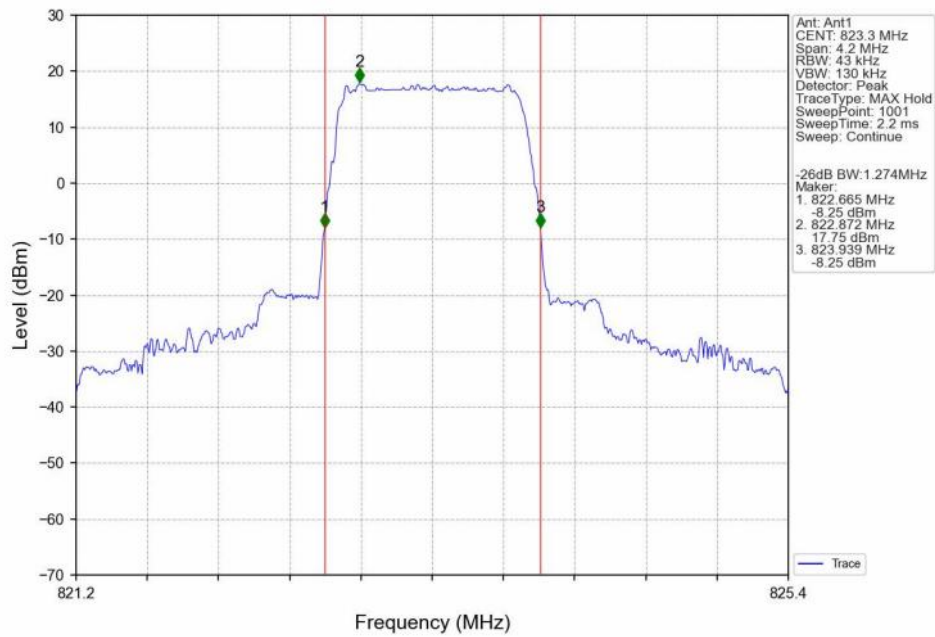
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



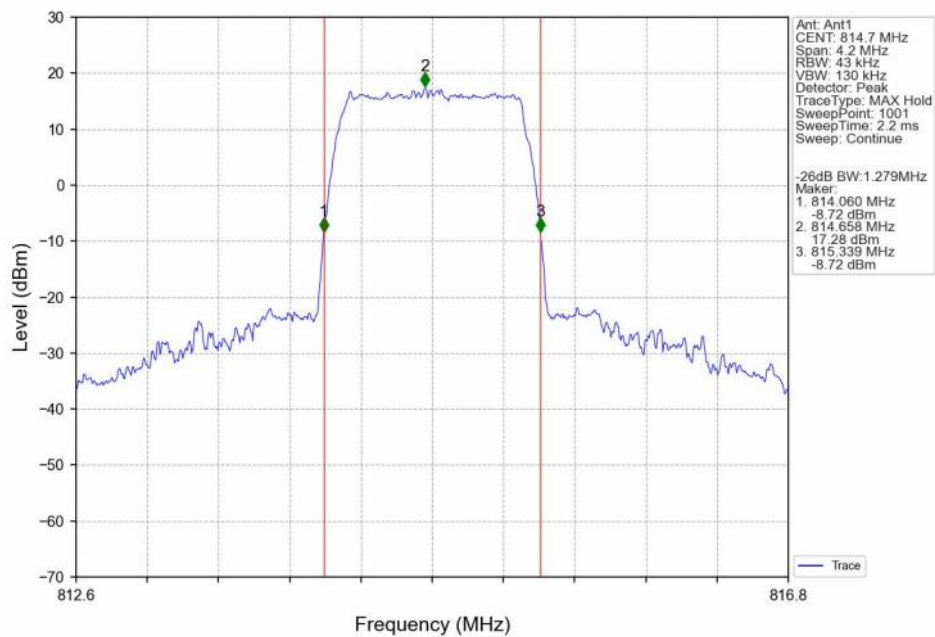
4.2.2 Band26a_XDB



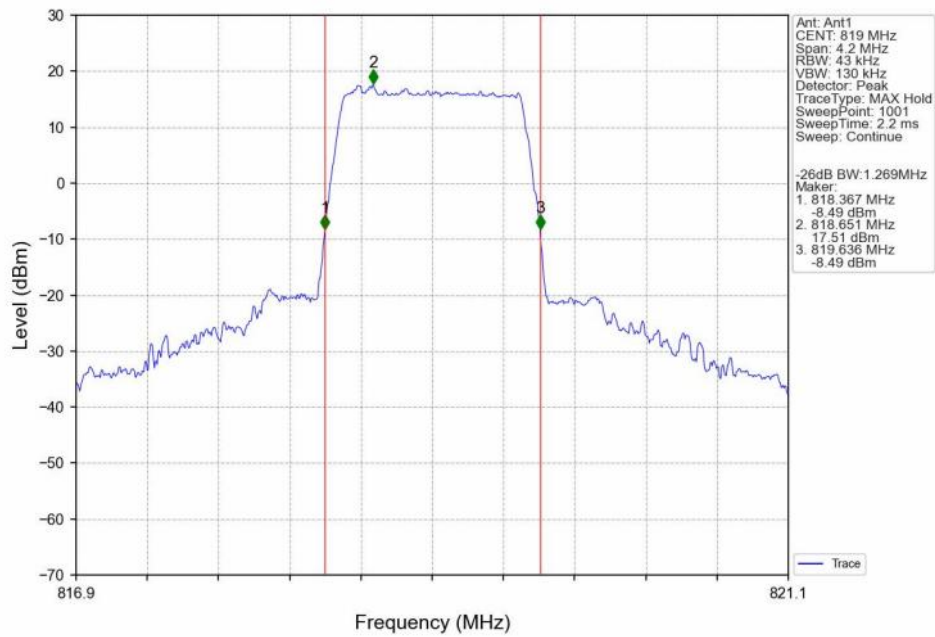
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



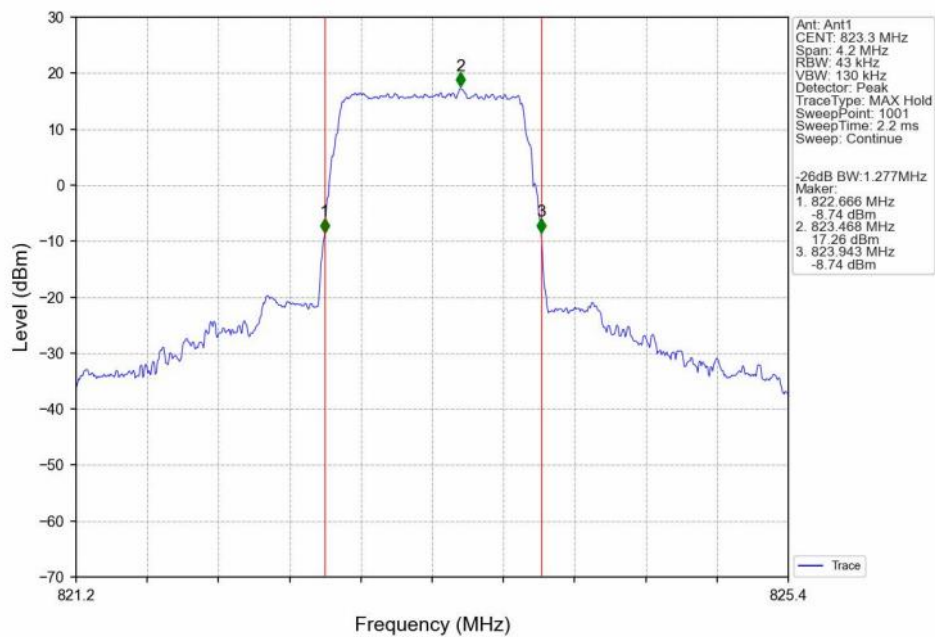
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



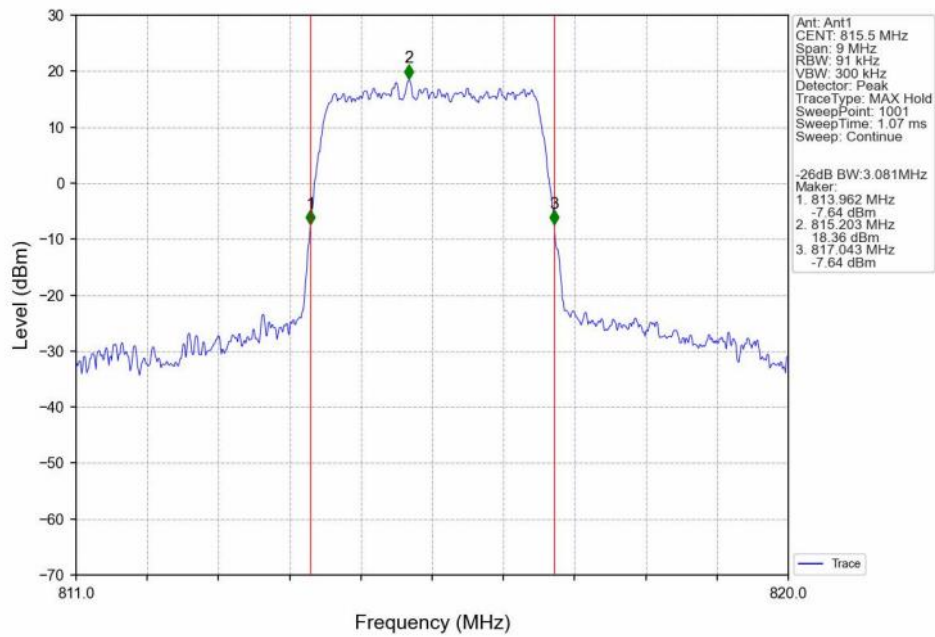
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



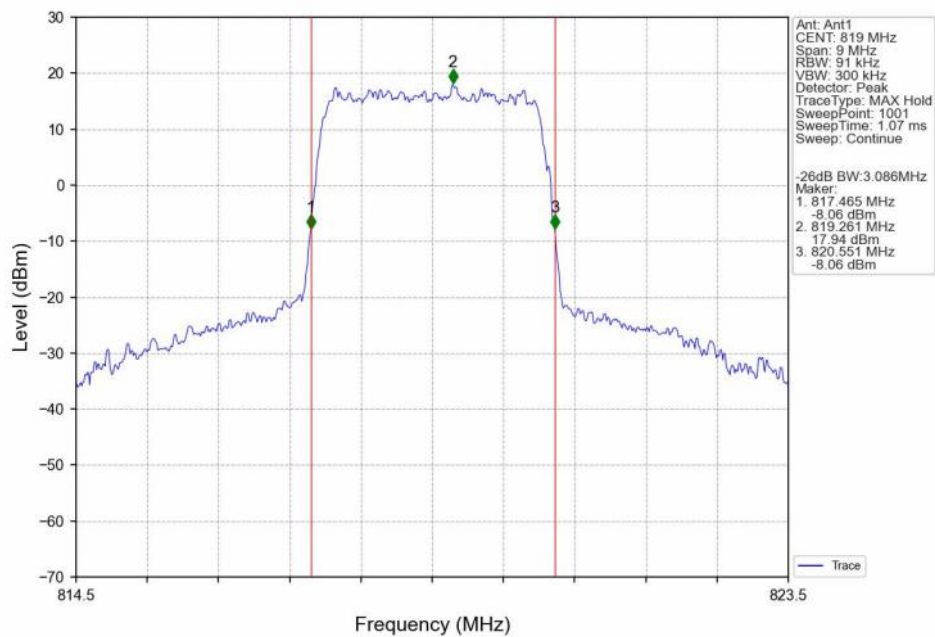
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



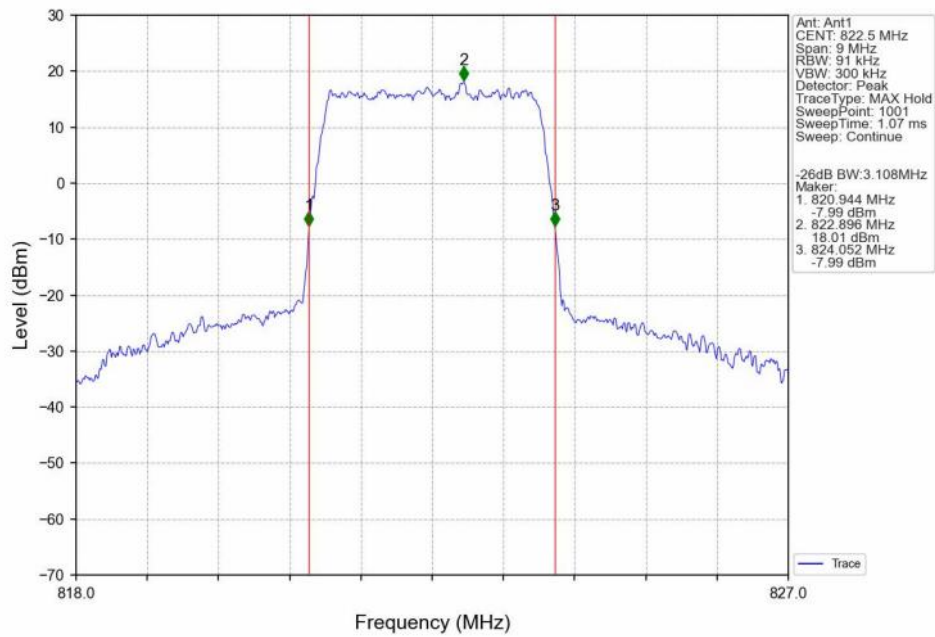
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



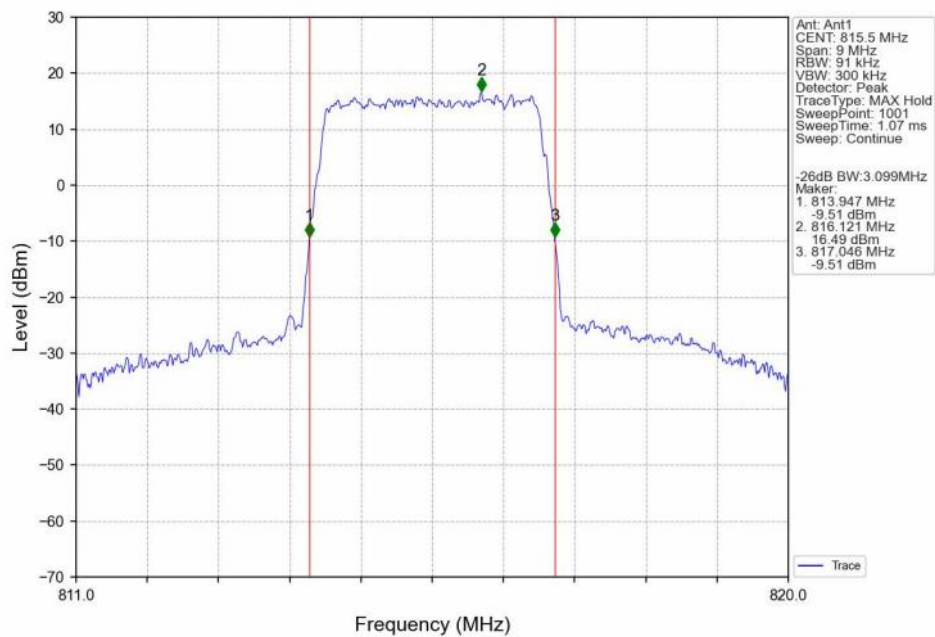
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



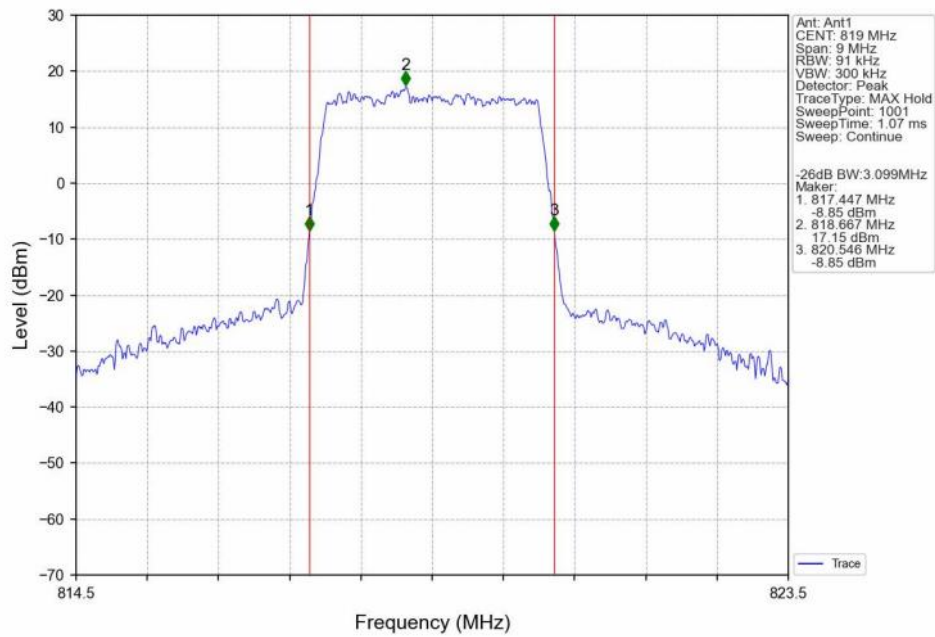
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



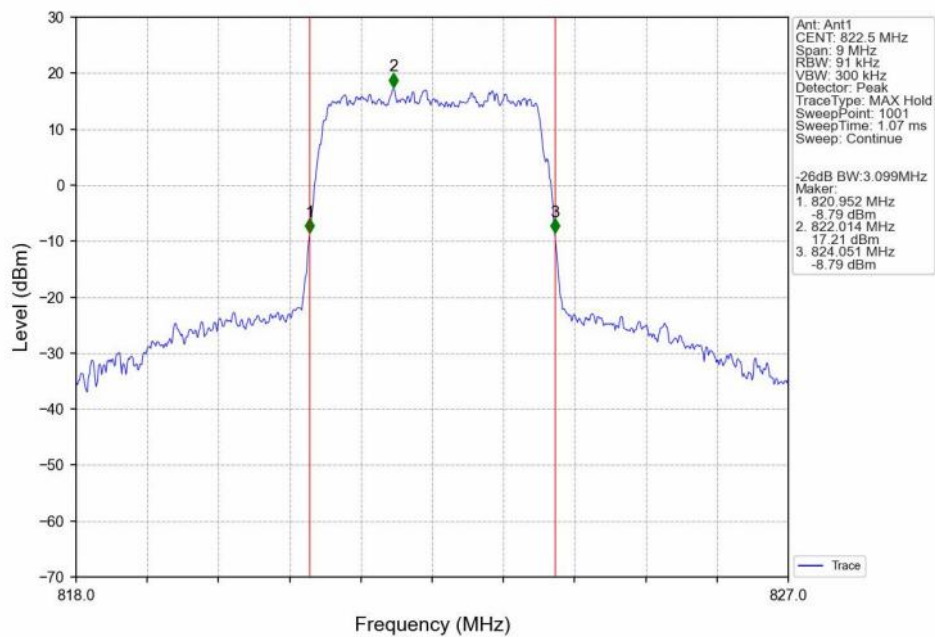
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



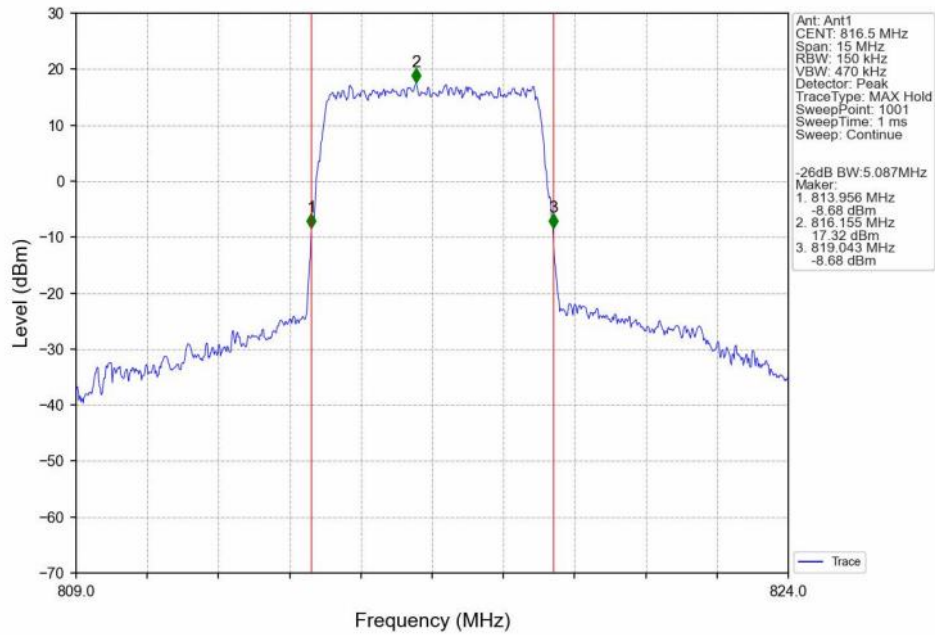
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



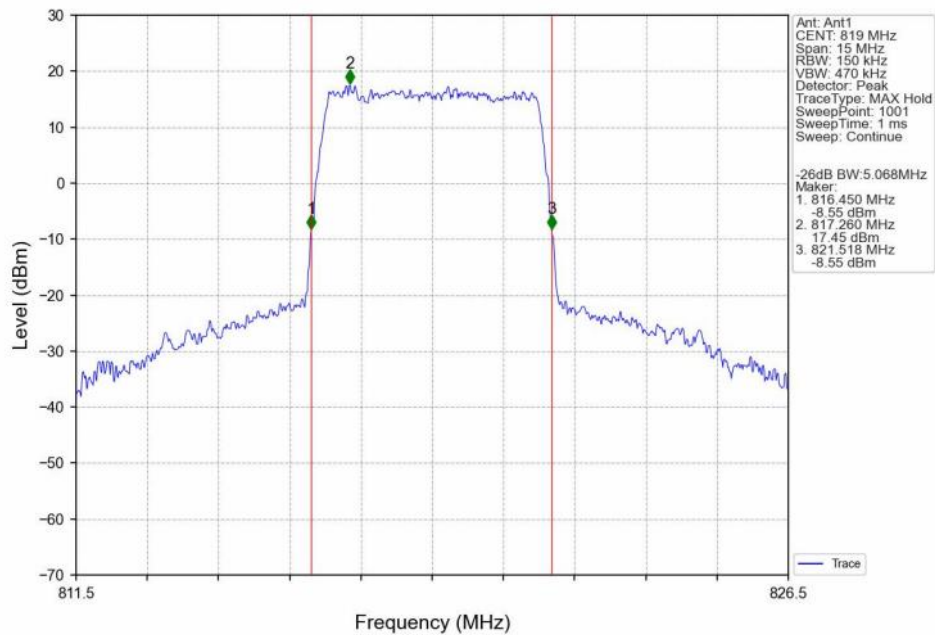
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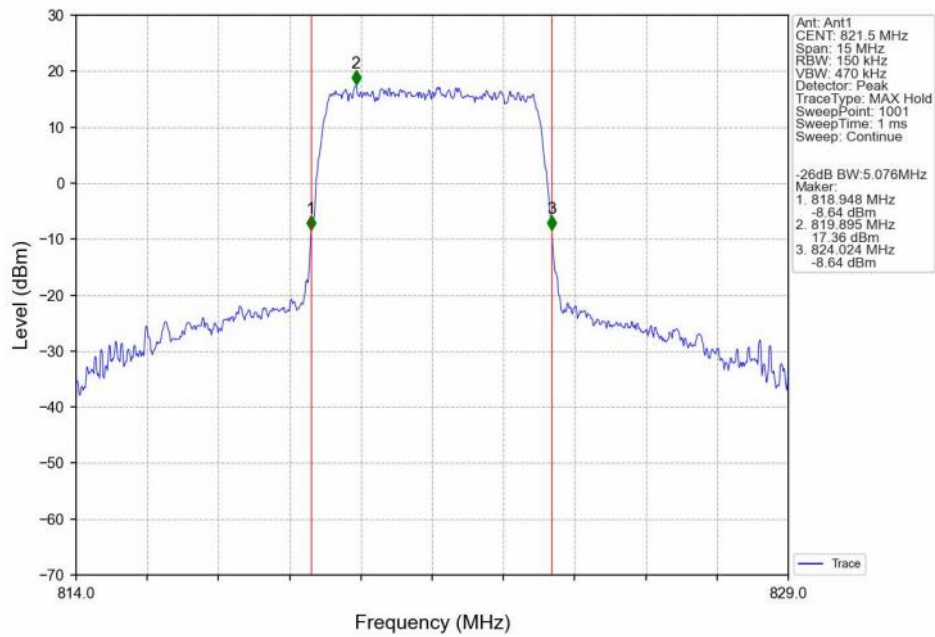
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



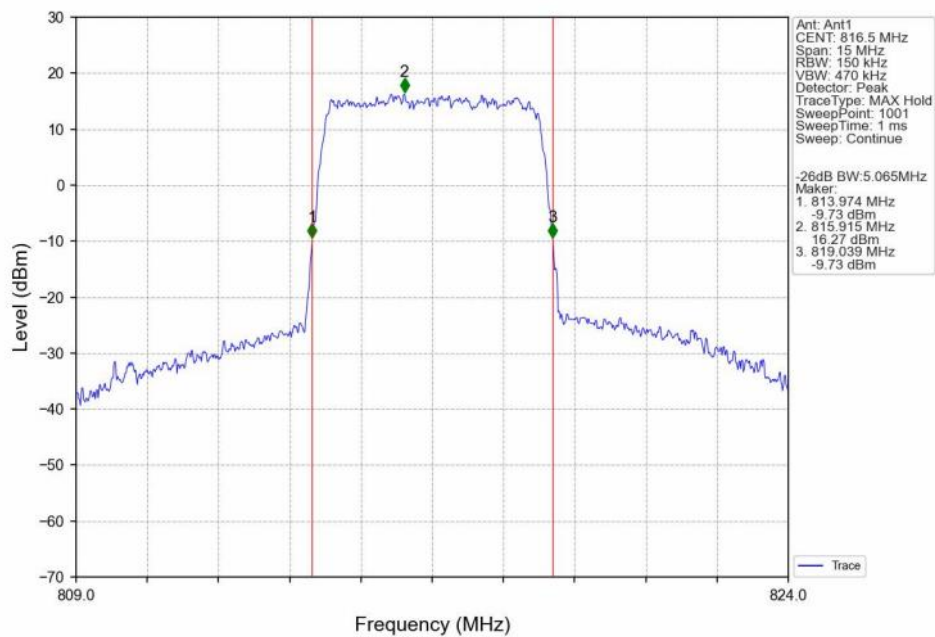
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



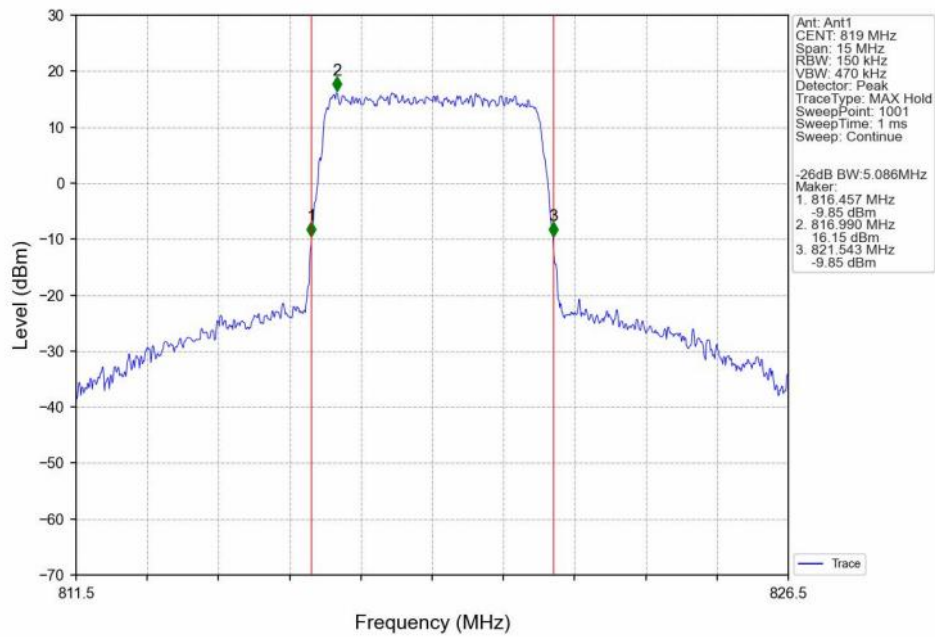
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



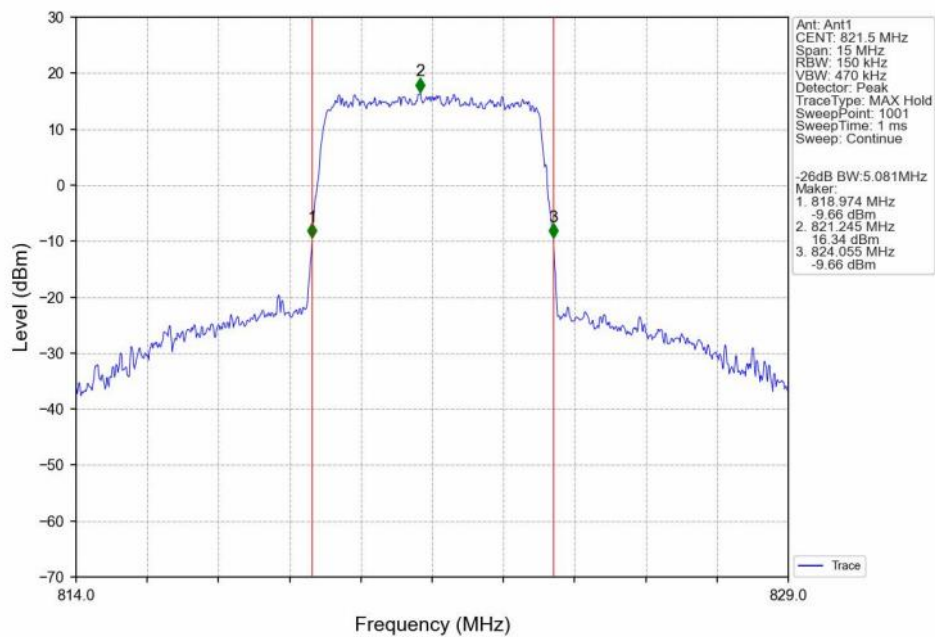
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



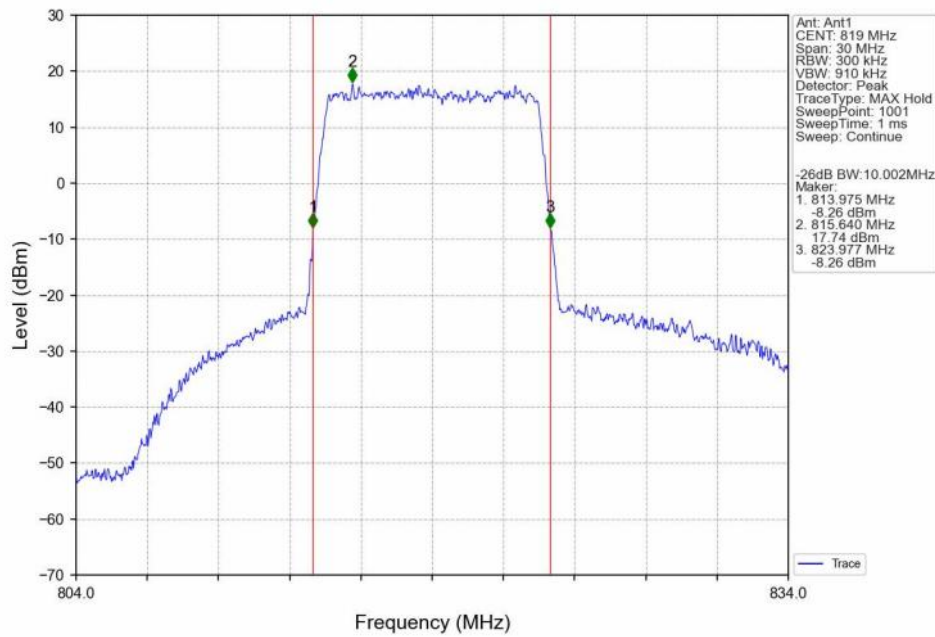
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



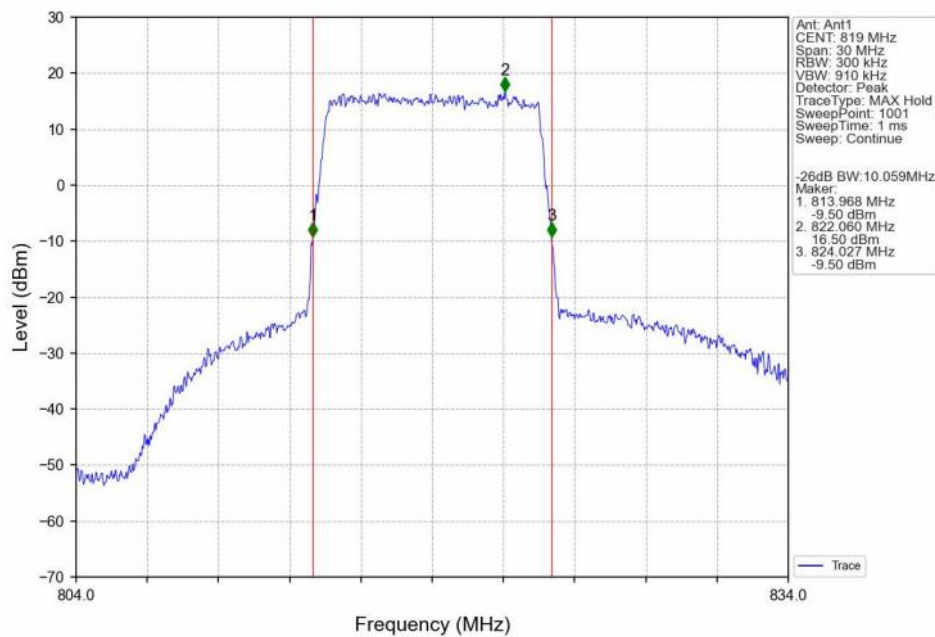
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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	5.52	<=13	Pass
	819	6	0	5.76	<=13	Pass
	823.3	6	0	5.88	<=13	Pass
16QAM	814.7	6	0	6.25	<=13	Pass
	819	6	0	6.63	<=13	Pass
	823.3	6	0	6.58	<=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	5.57	<=13	Pass
	819	15	0	5.79	<=13	Pass
	822.5	15	0	5.92	<=13	Pass
16QAM	815.5	15	0	6.41	<=13	Pass
	819	15	0	6.62	<=13	Pass
	822.5	15	0	6.69	<=13	Pass

5.1.3 B26a_5MHz

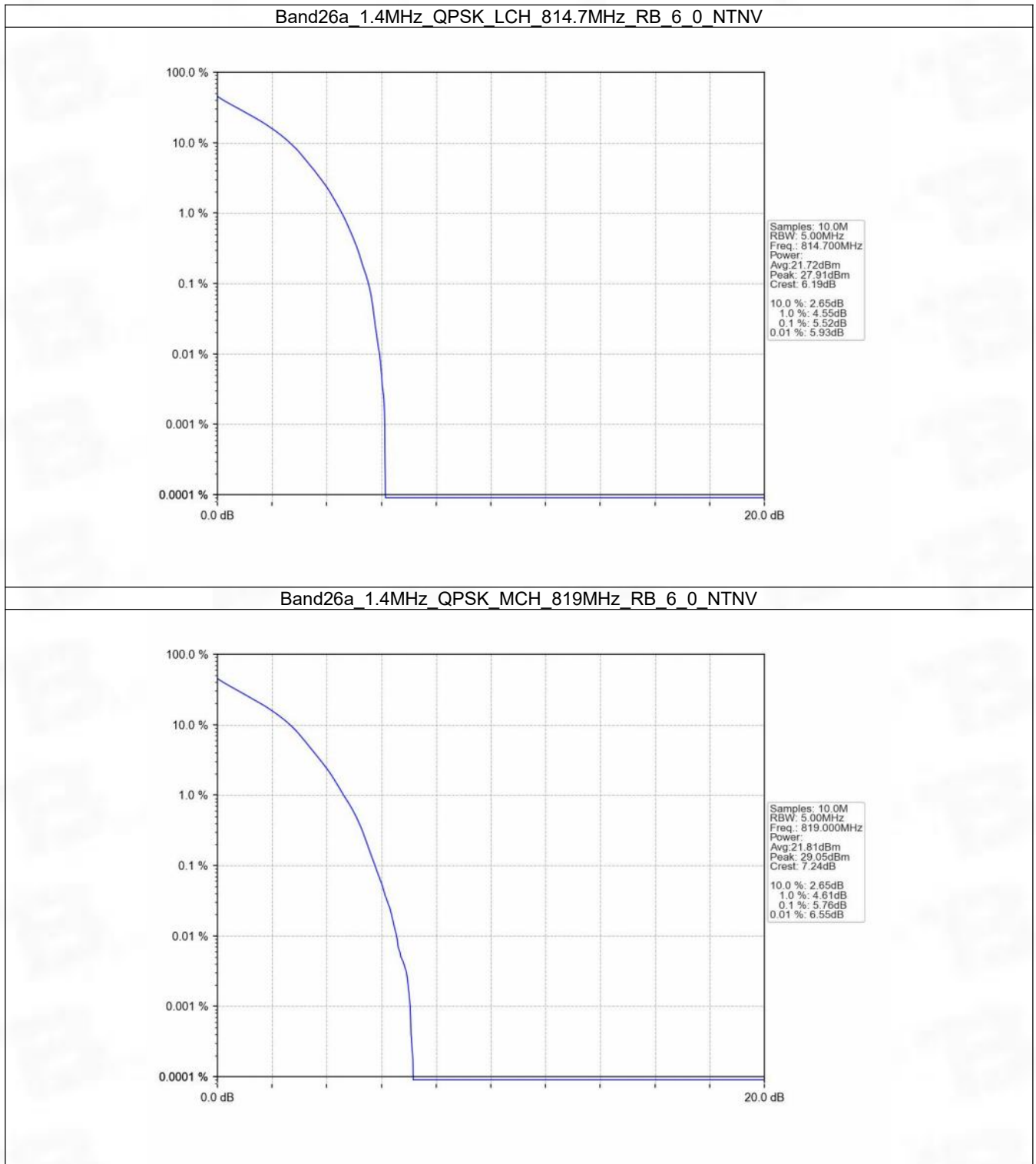
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.66	<=13	Pass
	819	25	0	5.85	<=13	Pass
	821.5	25	0	5.84	<=13	Pass
16QAM	816.5	25	0	6.46	<=13	Pass
	819	25	0	6.55	<=13	Pass
	821.5	25	0	6.55	<=13	Pass

5.1.4 B26a_10MHz

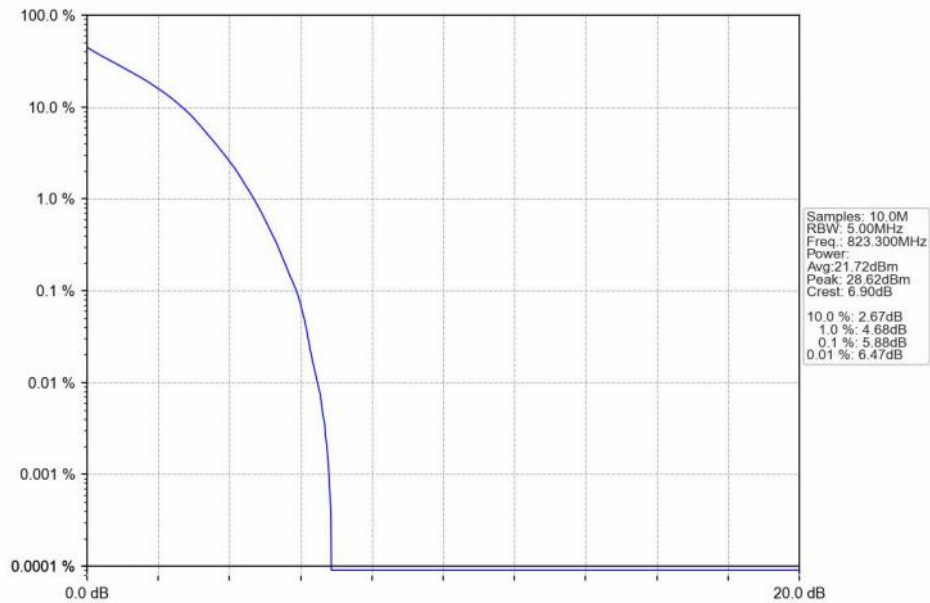
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.80	<=13	Pass
16QAM	819	50	0	6.50	<=13	Pass

5.2 Test Graph

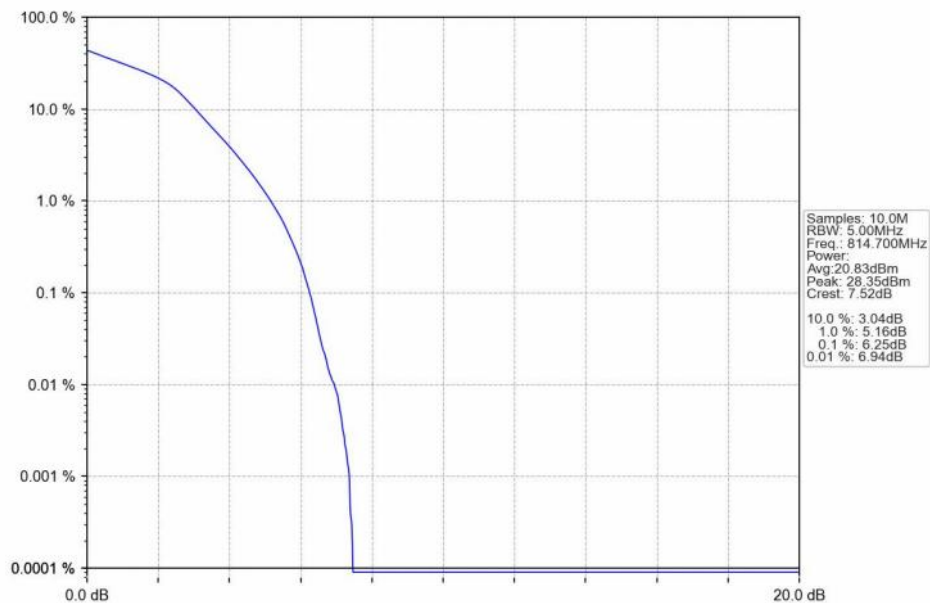
5.2.1 B26a_1.4MHz



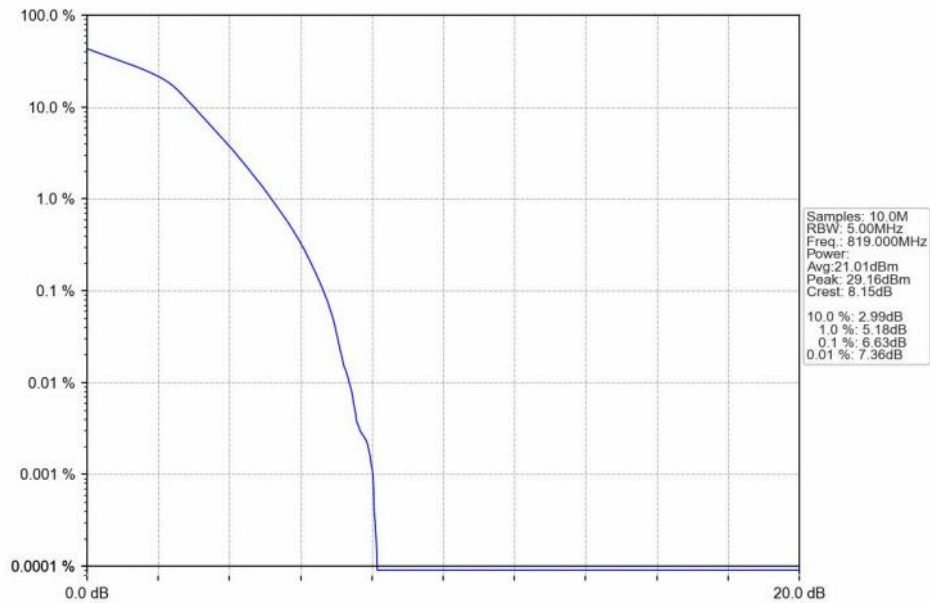
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



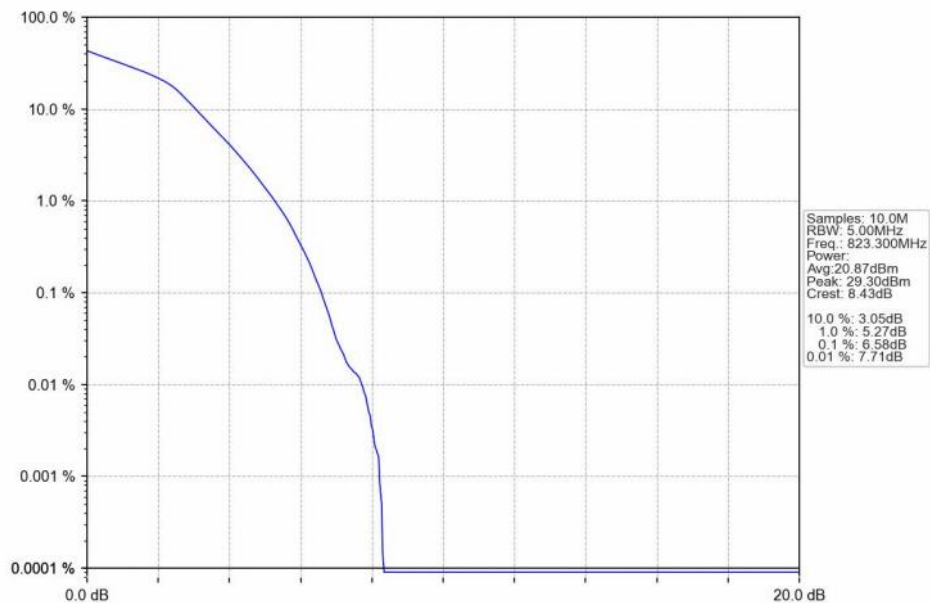
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



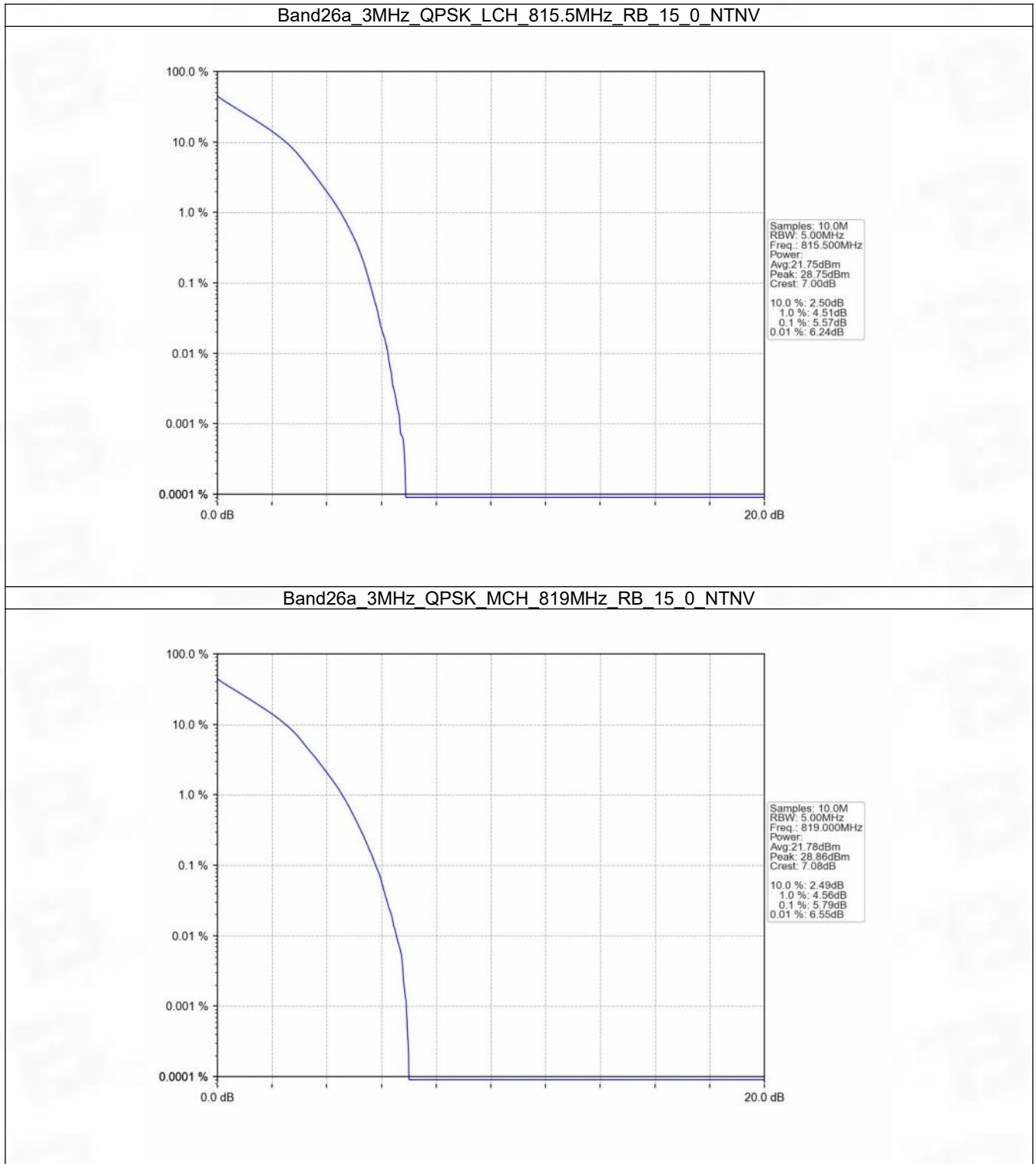
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



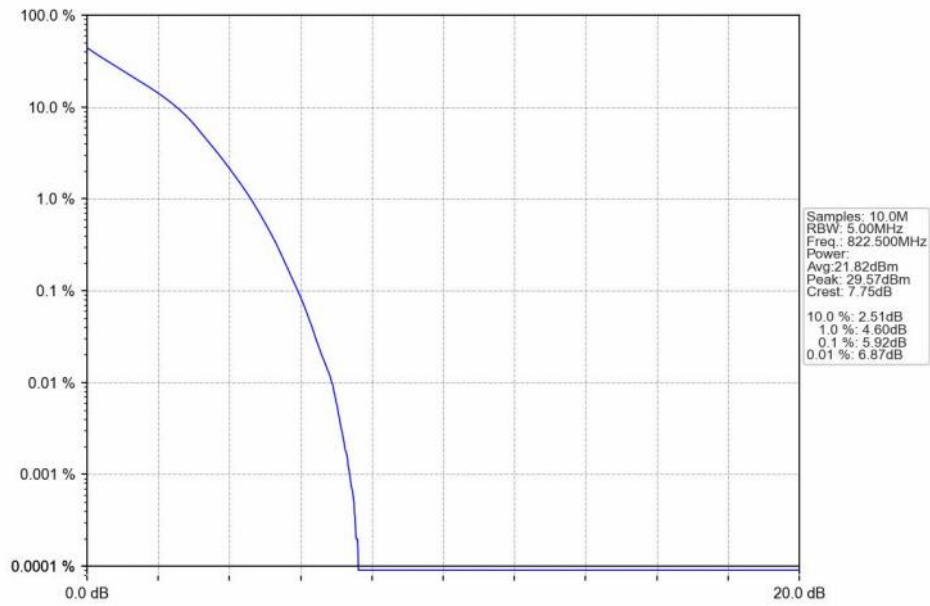
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



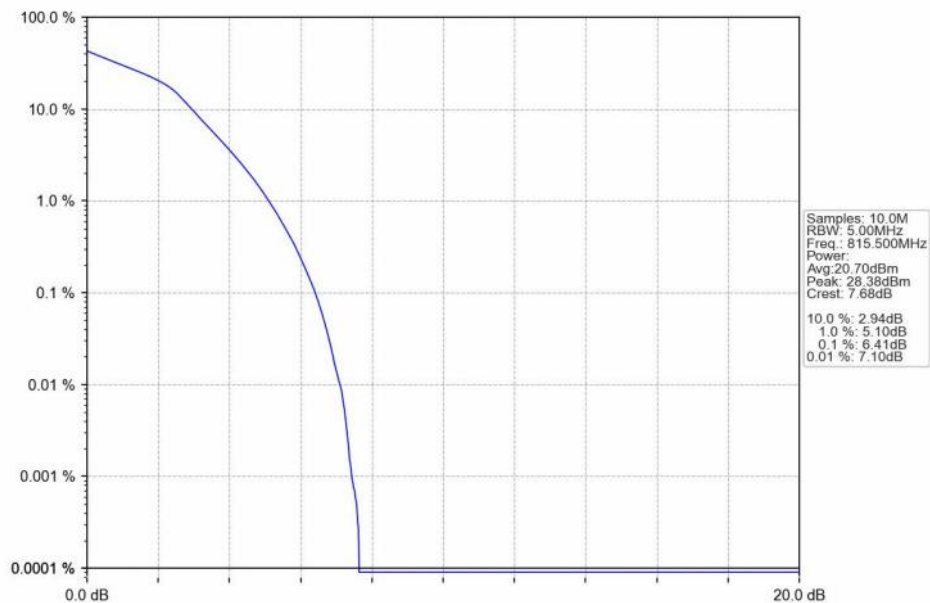
5.2.2 B26a_3MHz



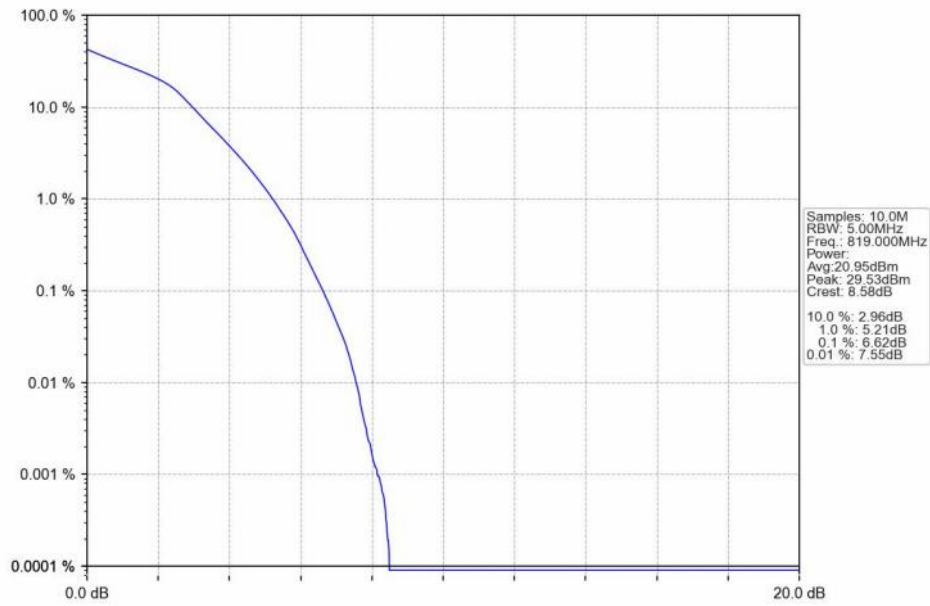
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



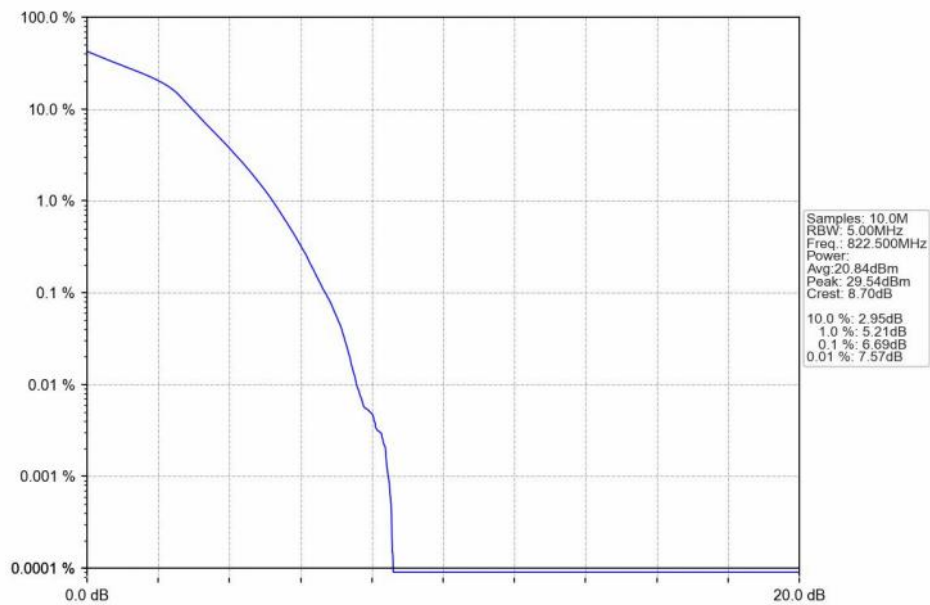
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



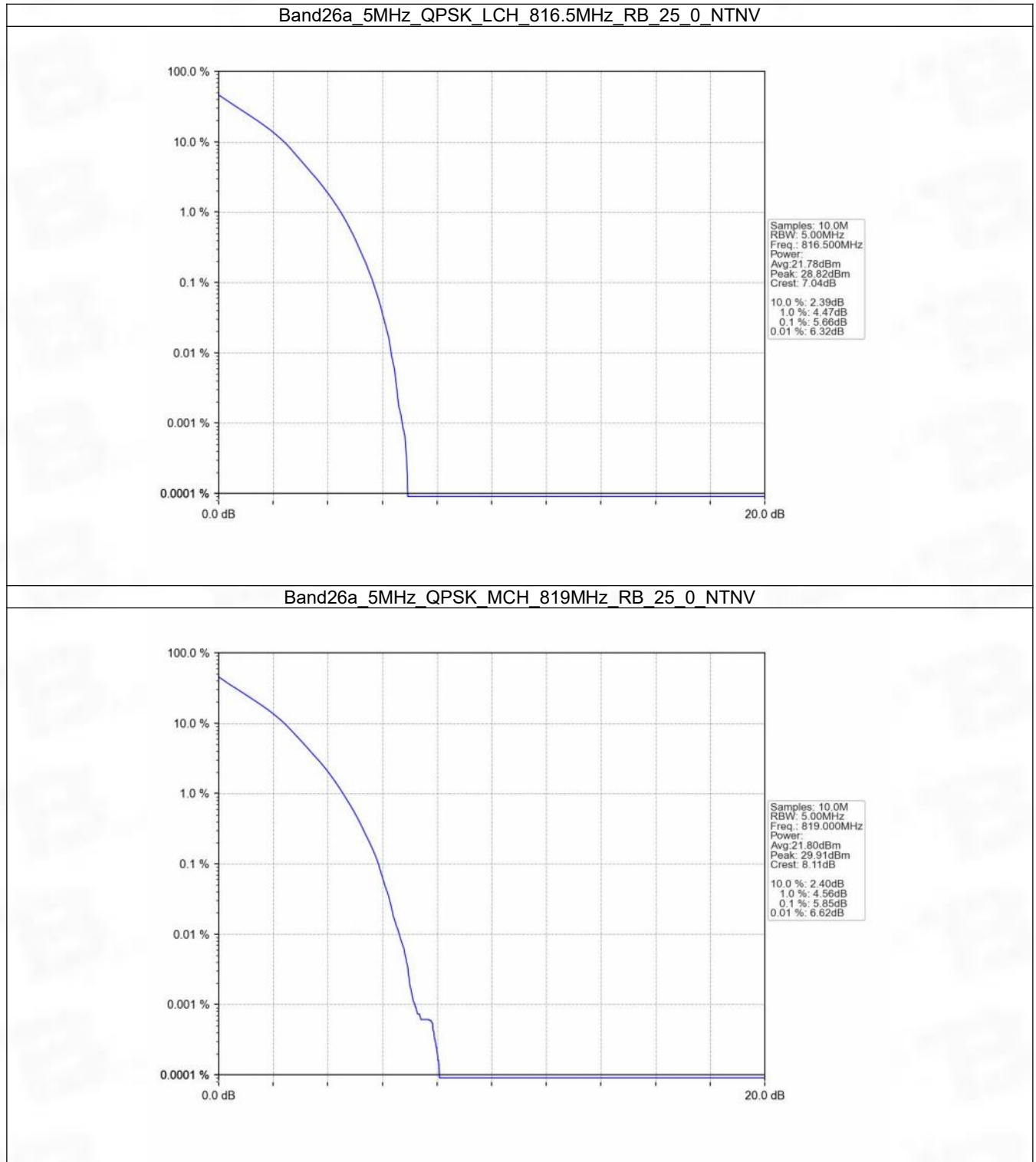
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



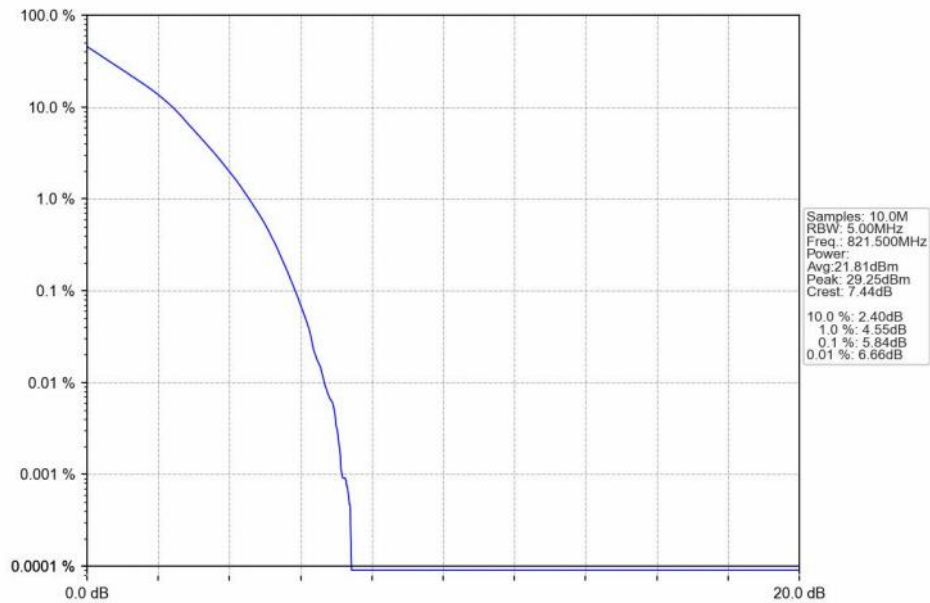
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



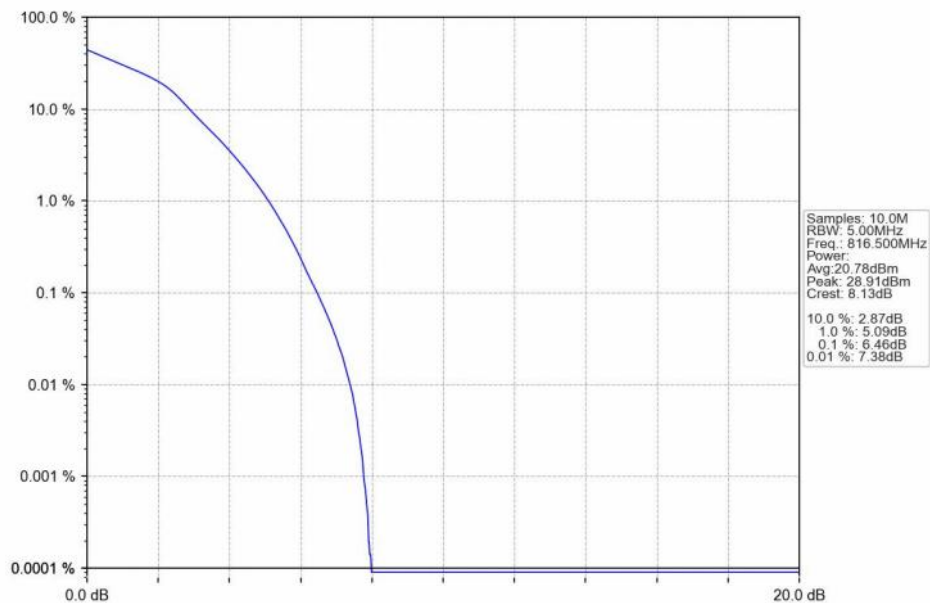
5.2.3 B26a_5MHz



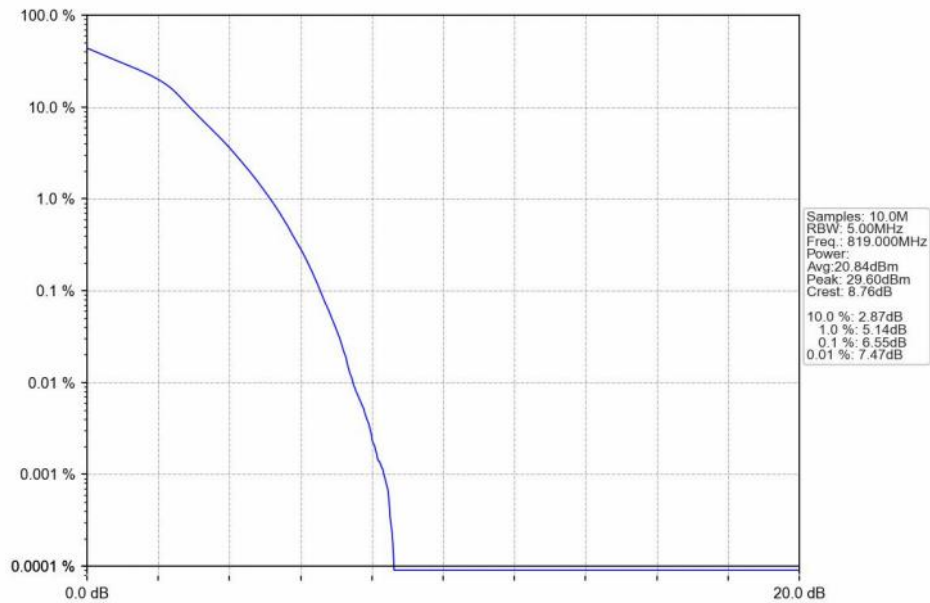
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



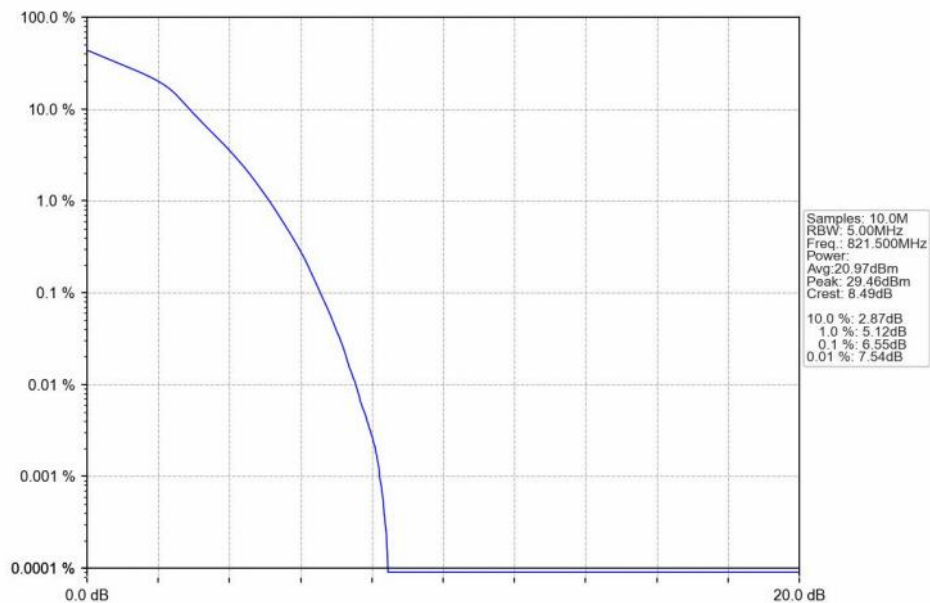
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



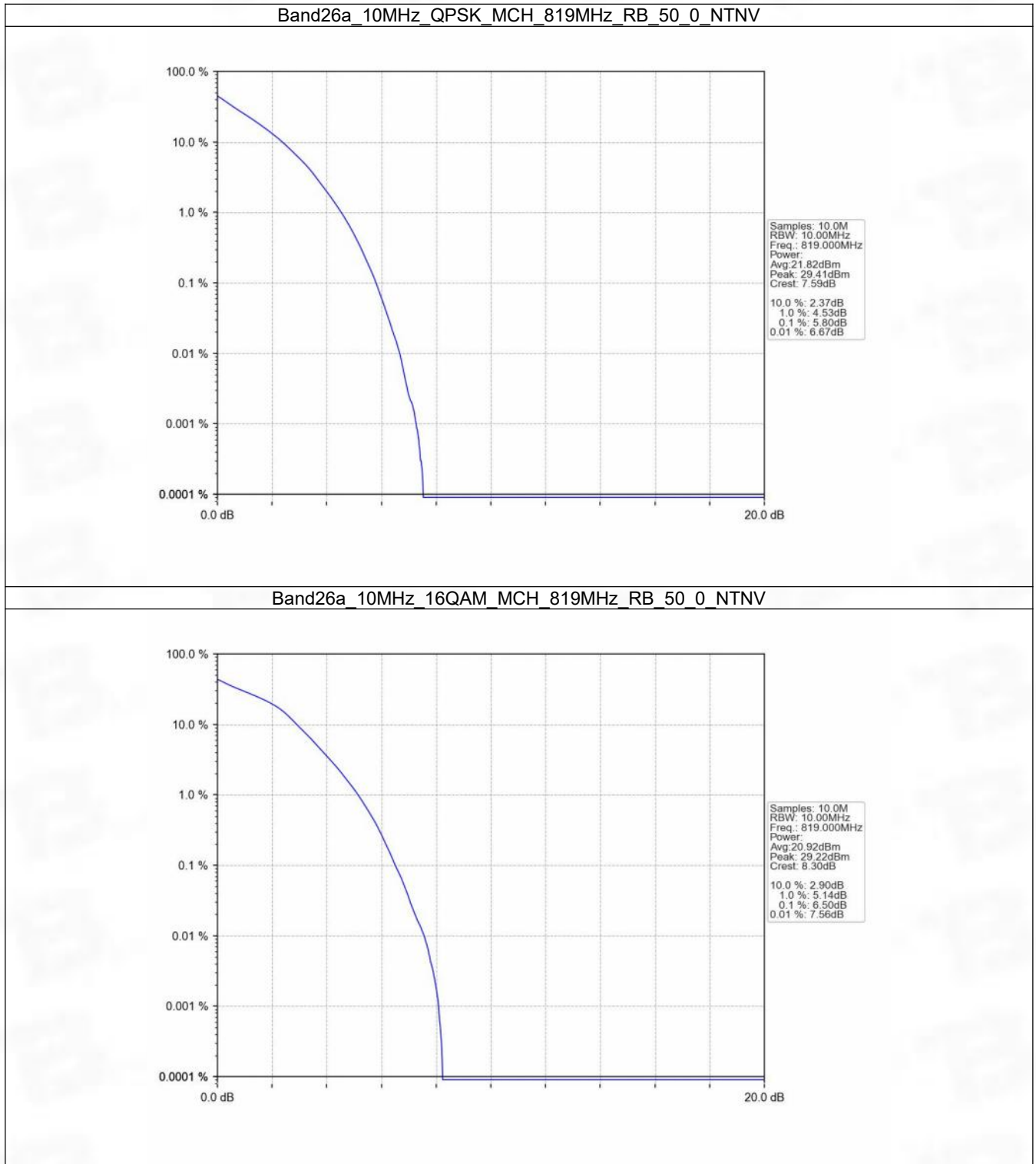
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



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 / 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

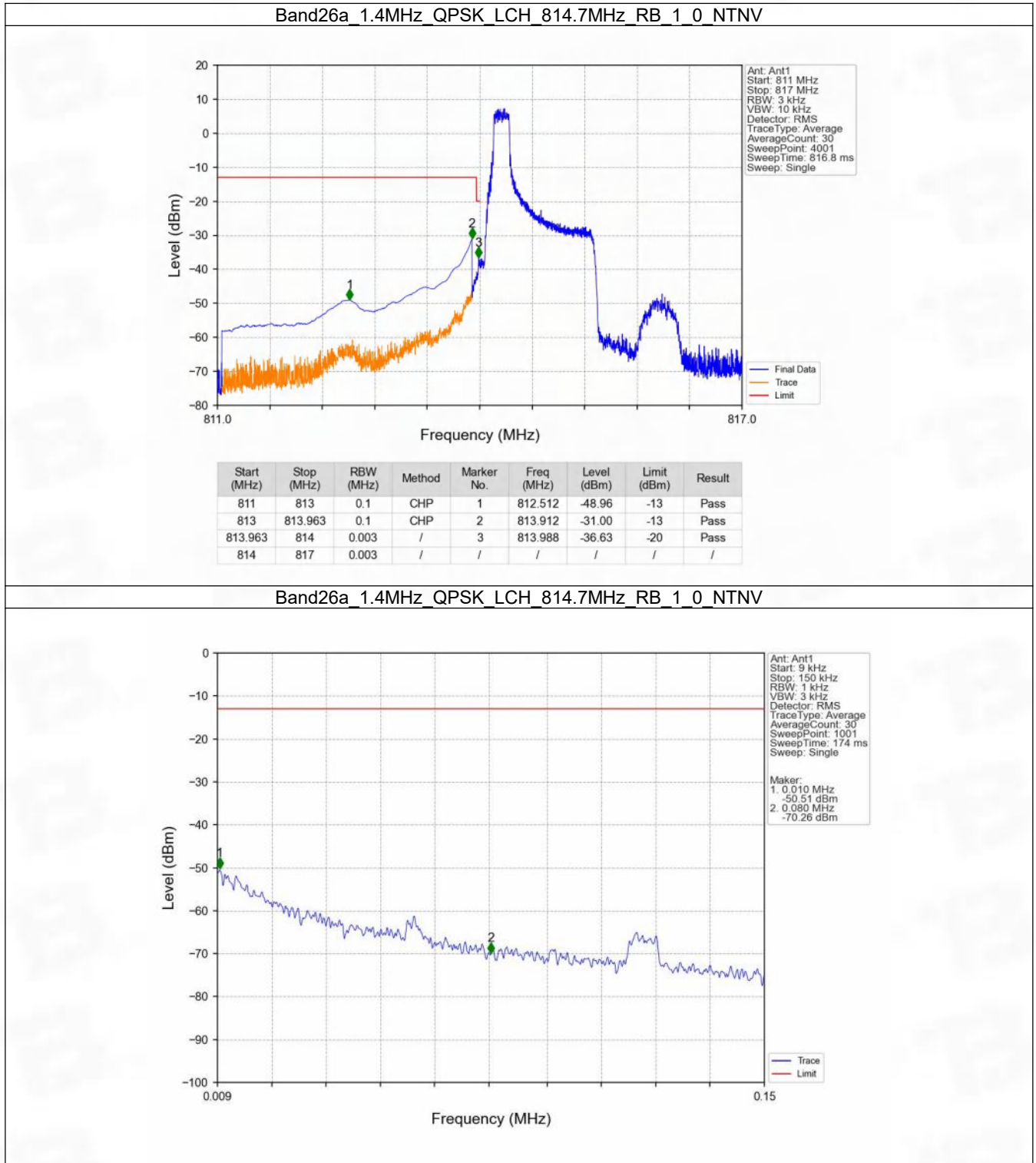
		25	0	Refer To Test Graph	Pass
	819	1	0	Refer To Test Graph	Pass
	821.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B26a_10MHz

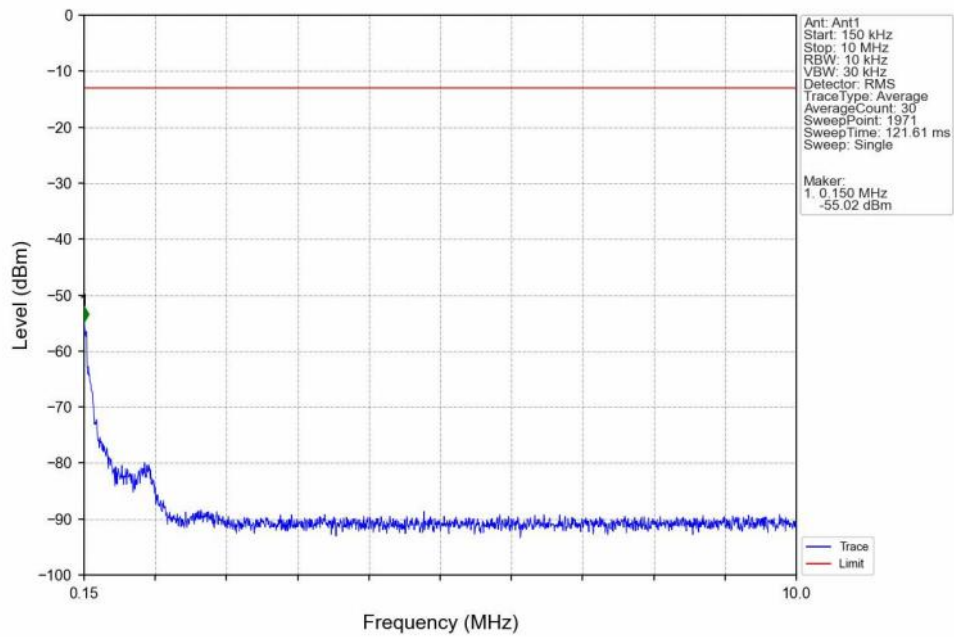
Band: 26a / Bandwidth: 10MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	819	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	819	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	819	1	0	Refer To Test Graph	Pass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

