

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	22.65	<=50	Pass
			2	22.71	<=50	Pass
			5	22.59	<=50	Pass
		3	0	22.62	<=50	Pass
			2	22.63	<=50	Pass
			3	22.59	<=50	Pass
		6	0	21.64	<=50	Pass
	819	1	0	22.56	<=50	Pass
			2	22.67	<=50	Pass
			5	22.52	<=50	Pass
		3	0	22.61	<=50	Pass
			2	22.69	<=50	Pass
			3	22.65	<=50	Pass
		6	0	21.56	<=50	Pass
	823.3	1	0	22.50	<=50	Pass
			2	22.60	<=50	Pass
			5	22.53	<=50	Pass
		3	0	22.59	<=50	Pass
			2	22.67	<=50	Pass
			3	22.61	<=50	Pass
		6	0	21.58	<=50	Pass
16QAM	814.7	1	0	21.46	<=50	Pass
			2	21.56	<=50	Pass
			5	21.44	<=50	Pass
		3	0	21.74	<=50	Pass
			2	21.74	<=50	Pass
			3	21.70	<=50	Pass
		6	0	20.58	<=50	Pass
	819	1	0	21.52	<=50	Pass
			2	21.64	<=50	Pass
			5	21.60	<=50	Pass
		3	0	21.67	<=50	Pass
			2	21.68	<=50	Pass
			3	21.67	<=50	Pass
		6	0	20.52	<=50	Pass
	823.3	1	0	21.70	<=50	Pass
			2	21.80	<=50	Pass
			5	21.69	<=50	Pass
		3	0	21.61	<=50	Pass
			2	21.65	<=50	Pass
			3	21.62	<=50	Pass
		6	0	20.61	<=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	22.82	<=50	Pass
			7	22.89	<=50	Pass
			14	22.70	<=50	Pass
		8	0	21.69	<=50	Pass
			4	21.71	<=50	Pass
			7	21.68	<=50	Pass
		15	0	21.63	<=50	Pass
	819	1	0	22.63	<=50	Pass
			7	22.75	<=50	Pass
			14	22.58	<=50	Pass
		8	0	21.63	<=50	Pass
			4	21.66	<=50	Pass
			7	21.60	<=50	Pass
		15	0	21.61	<=50	Pass
	822.5	1	0	22.65	<=50	Pass
			7	22.72	<=50	Pass
			14	22.56	<=50	Pass
		8	0	21.58	<=50	Pass
			4	21.63	<=50	Pass
			7	21.56	<=50	Pass
		15	0	21.61	<=50	Pass
16QAM	815.5	1	0	21.67	<=50	Pass
			7	21.78	<=50	Pass
			14	21.62	<=50	Pass
		8	0	20.69	<=50	Pass
			4	20.74	<=50	Pass
			7	20.68	<=50	Pass
		15	0	20.66	<=50	Pass
	819	1	0	21.79	<=50	Pass
			7	21.94	<=50	Pass
			14	21.77	<=50	Pass
		8	0	20.60	<=50	Pass
			4	20.66	<=50	Pass
			7	20.62	<=50	Pass
		15	0	20.63	<=50	Pass
	822.5	1	0	22.20	<=50	Pass
			7	22.27	<=50	Pass
			14	22.17	<=50	Pass
		8	0	20.76	<=50	Pass
			4	20.83	<=50	Pass
			7	20.78	<=50	Pass
		15	0	20.70	<=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	22.67	<=50	Pass
			13	22.69	<=50	Pass
			24	22.55	<=50	Pass
		12	0	21.63	<=50	Pass
			6	21.68	<=50	Pass
			13	21.61	<=50	Pass
		25	0	21.62	<=50	Pass

16QAM	819	1	0	22.56	<=50	Pass
			13	22.67	<=50	Pass
			24	22.51	<=50	Pass
		12	0	21.57	<=50	Pass
			6	21.67	<=50	Pass
			13	21.60	<=50	Pass
	821.5	25	0	21.61	<=50	Pass
			0	22.54	<=50	Pass
			13	22.65	<=50	Pass
		1	24	22.51	<=50	Pass
			0	21.61	<=50	Pass
			6	21.66	<=50	Pass
		12	13	21.64	<=50	Pass
			0	21.59	<=50	Pass
			0	21.59	<=50	Pass
16QAM	816.5	1	0	21.61	<=50	Pass
			13	21.70	<=50	Pass
			24	21.65	<=50	Pass
		12	0	20.55	<=50	Pass
			6	20.64	<=50	Pass
			13	20.59	<=50	Pass
	819	25	0	20.61	<=50	Pass
			0	21.71	<=50	Pass
			13	21.90	<=50	Pass
		1	24	21.78	<=50	Pass
			0	20.61	<=50	Pass
			6	20.72	<=50	Pass
		12	13	20.64	<=50	Pass
			0	20.63	<=50	Pass
			0	20.63	<=50	Pass
16QAM	821.5	1	0	21.40	<=50	Pass
			13	21.52	<=50	Pass
			24	21.43	<=50	Pass
		12	0	20.62	<=50	Pass
			6	20.69	<=50	Pass
			13	20.59	<=50	Pass
	819	25	0	20.68	<=50	Pass
			0	20.68	<=50	Pass
			0	20.68	<=50	Pass
		1	0	20.68	<=50	Pass
			0	20.68	<=50	Pass
			0	20.68	<=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	22.84	<=50	Pass
			25	22.92	<=50	Pass
			49	22.70	<=50	Pass
		25	0	21.72	<=50	Pass
			13	21.76	<=50	Pass
			25	21.77	<=50	Pass
16QAM	819	50	0	21.78	<=50	Pass
			0	22.09	<=50	Pass
			25	22.32	<=50	Pass
		1	49	22.24	<=50	Pass
			0	20.76	<=50	Pass
			13	20.82	<=50	Pass
		25	25	20.82	<=50	Pass
			0	20.76	<=50	Pass
			0	20.76	<=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	-5.579	-0.0068	-2.5 to 2.5	Pass
					3.85	3.147	0.0039	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-4.892	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.875	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-3.719	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-5.965	-0.0073	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-7.381	-0.0090	-2.5 to 2.5	Pass
					3.85	-7.339	-0.0090	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-9.842	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-6.394	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-6.437	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-5.722	-0.0070	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-7.839	-0.0095	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0042	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-5.593	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-7.381	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-5.322	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-10.242	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-4.621	-0.0056	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	-0.973	-0.0012	-2.5 to 2.5	Pass
					3.85	-6.037	-0.0074	-2.5 to 2.5	Pass
					4.43	0.086	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-9.842	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-6.051	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-7.582	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-2.646	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-9.727	-0.0119	-2.5 to 2.5	Pass
				50	3.85	-3.519	-0.0043	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-3.805	-0.0046	-2.5 to 2.5	Pass
					3.85	-2.632	-0.0032	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-7.010	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-8.612	-0.0105	-2.5 to 2.5	Pass

				-10	3.85	-4.592	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-5.479	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-8.240	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-9.055	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-10.014	-0.0122	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-6.924	-0.0084	-2.5 to 2.5	Pass
					3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
					4.43	-10.500	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-6.351	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-3.848	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-9.613	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-7.610	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-8.168	-0.0099	-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	-6.981	-0.0086	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.130	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.532	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-6.366	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-7.153	-0.0088	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-8.311	-0.0101	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0068	-2.5 to 2.5	Pass
					4.43	-7.138	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-8.054	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-7.195	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-5.693	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-4.821	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-5.035	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-11.716	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-7.811	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-4.077	-0.0050	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-9.499	-0.0115	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0043	-2.5 to 2.5	Pass
					4.43	-6.723	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-6.208	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-4.005	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-10.858	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-1.531	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0079	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	-3.262	-0.0040	-2.5 to 2.5	Pass
					3.85	-10.829	-0.0133	-2.5 to 2.5	Pass

					4.43	-6.523	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-6.323	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-8.512	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-6.695	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-7.997	-0.0098	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-8.841	-0.0108	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-6.909	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-7.625	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-11.916	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-7.339	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-9.284	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-10.428	-0.0127	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-4.120	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.280	-0.0076	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-9.227	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-4.406	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-11.902	-0.0145	-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	-5.836	-0.0071	-2.5 to 2.5	Pass
					3.85	-4.992	-0.0061	-2.5 to 2.5	Pass
					4.43	-5.736	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-2.403	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-9.198	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-2.933	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-5.021	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0083	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-9.012	-0.0110	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-6.609	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-8.655	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-7.796	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-6.051	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-7.296	-0.0089	-2.5 to 2.5	Pass

16QAM	821.5	25	0	50	3.85	-8.225	-0.0100	-2.5 to 2.5	Pass
				20	3.27	-6.266	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0064	-2.5 to 2.5	Pass
					4.43	-7.610	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-6.294	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-2.532	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-5.236	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-7.668	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-5.050	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0027	-2.5 to 2.5	Pass
	816.5	25	0	20	3.27	-2.017	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.103	-0.0026	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.008	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-5.364	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-7.424	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-3.576	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-4.635	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0090	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-7.052	-0.0086	-2.5 to 2.5	Pass
					3.85	-7.482	-0.0091	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-8.183	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-5.937	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-4.849	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-9.456	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-9.956	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-7.210	-0.0088	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-1.516	-0.0018	-2.5 to 2.5	Pass
					3.85	-6.351	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-5.322	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-5.779	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-5.808	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0056	-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	-8.883	-0.0108	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0078	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0061	-2.5 to 2.5	Pass

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BTF Testing Lab (Shenzhen) Co., Ltd.

Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

Version: 1/00

16QAM	819	50	0	10	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-7.739	-0.0094	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-4.778	-0.0058	-2.5 to 2.5	Pass
				20	3.27	-5.794	-0.0071	-2.5 to 2.5	Pass
					3.85	-8.569	-0.0105	-2.5 to 2.5	Pass
					4.43	-9.012	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-6.781	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-6.409	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-8.783	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-7.696	-0.0094	-2.5 to 2.5	Pass
				40	3.85	-6.838	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-5.879	-0.0072	-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

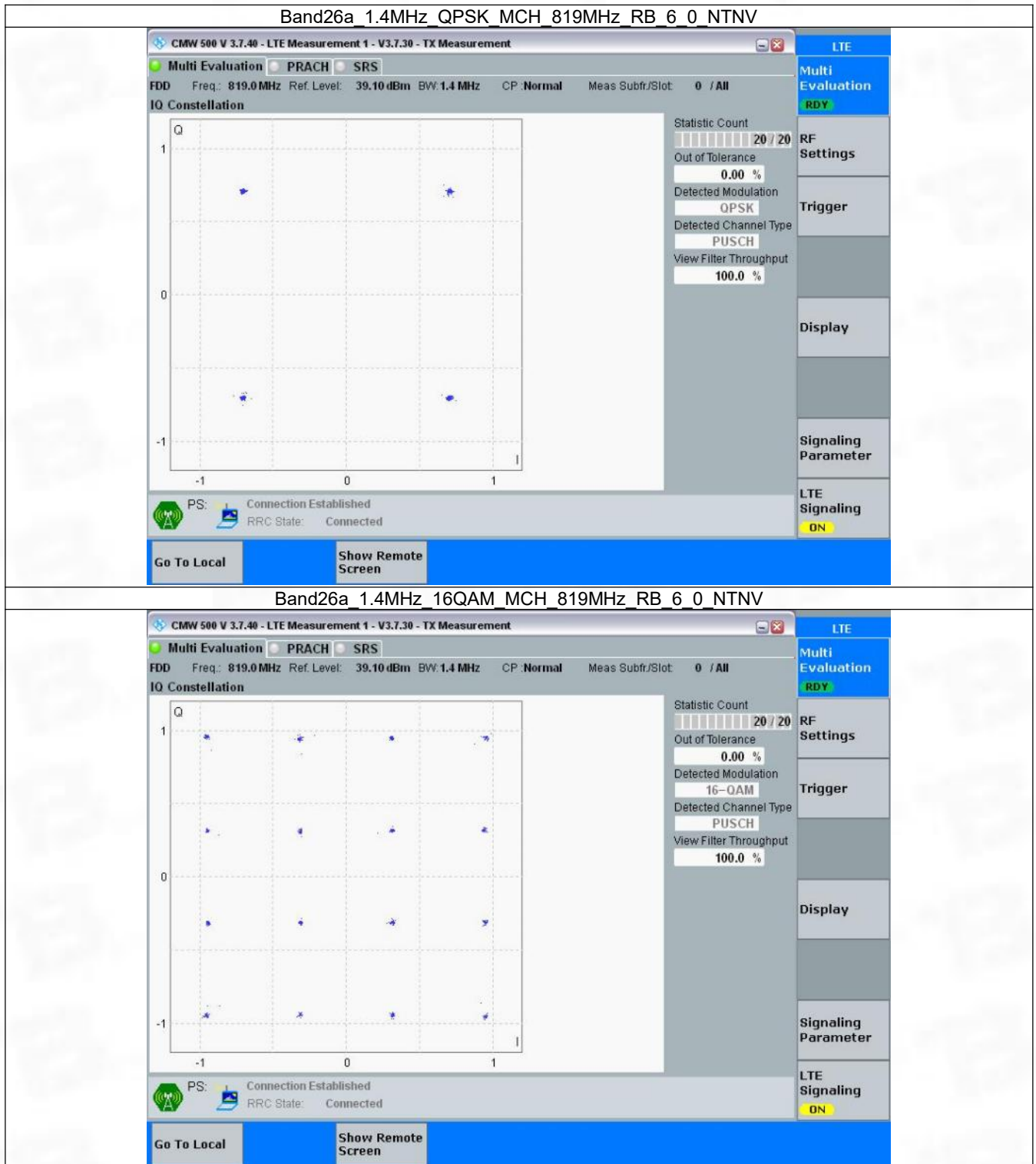
Band: 26a / Bandwidth: 5MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

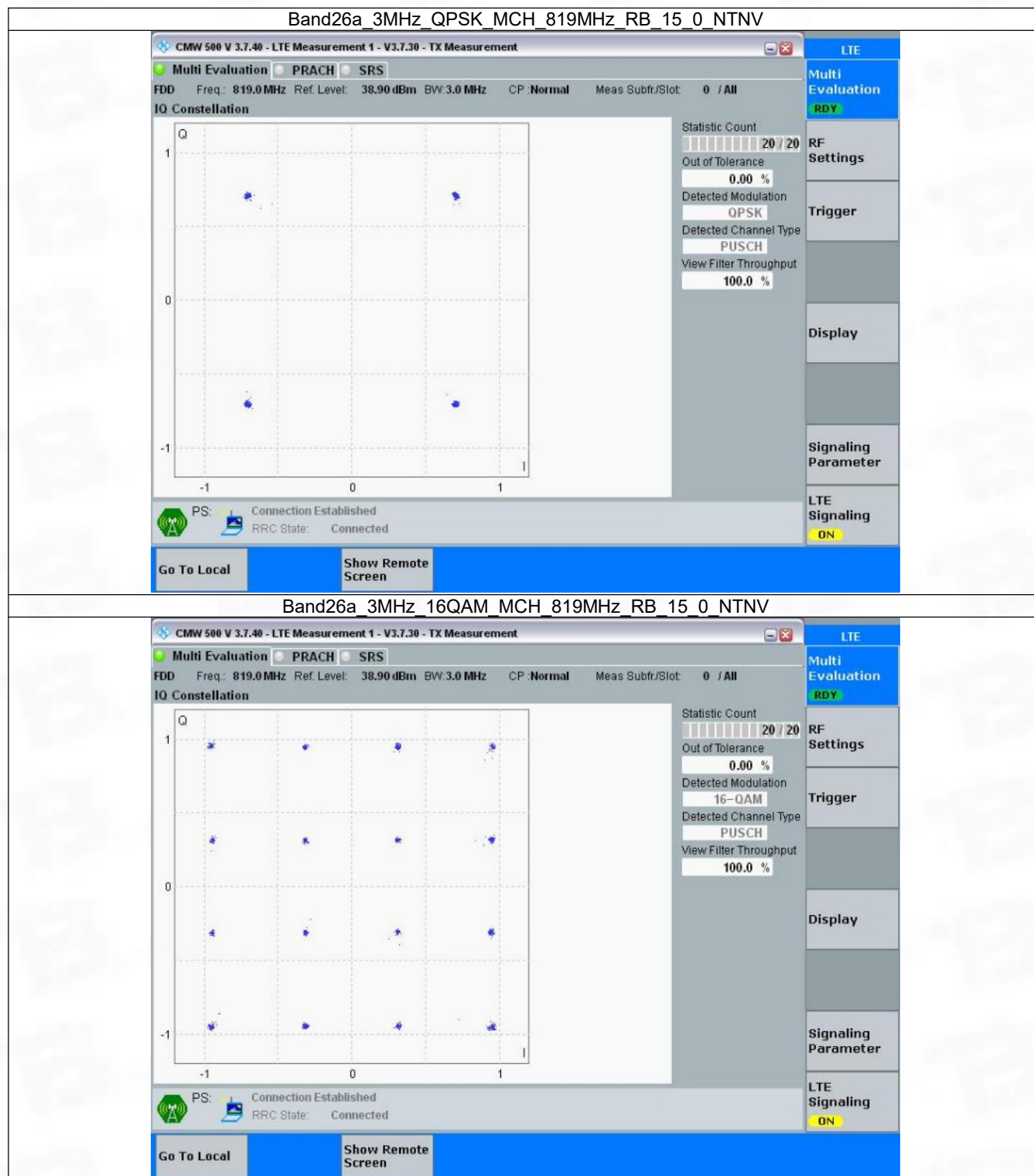
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

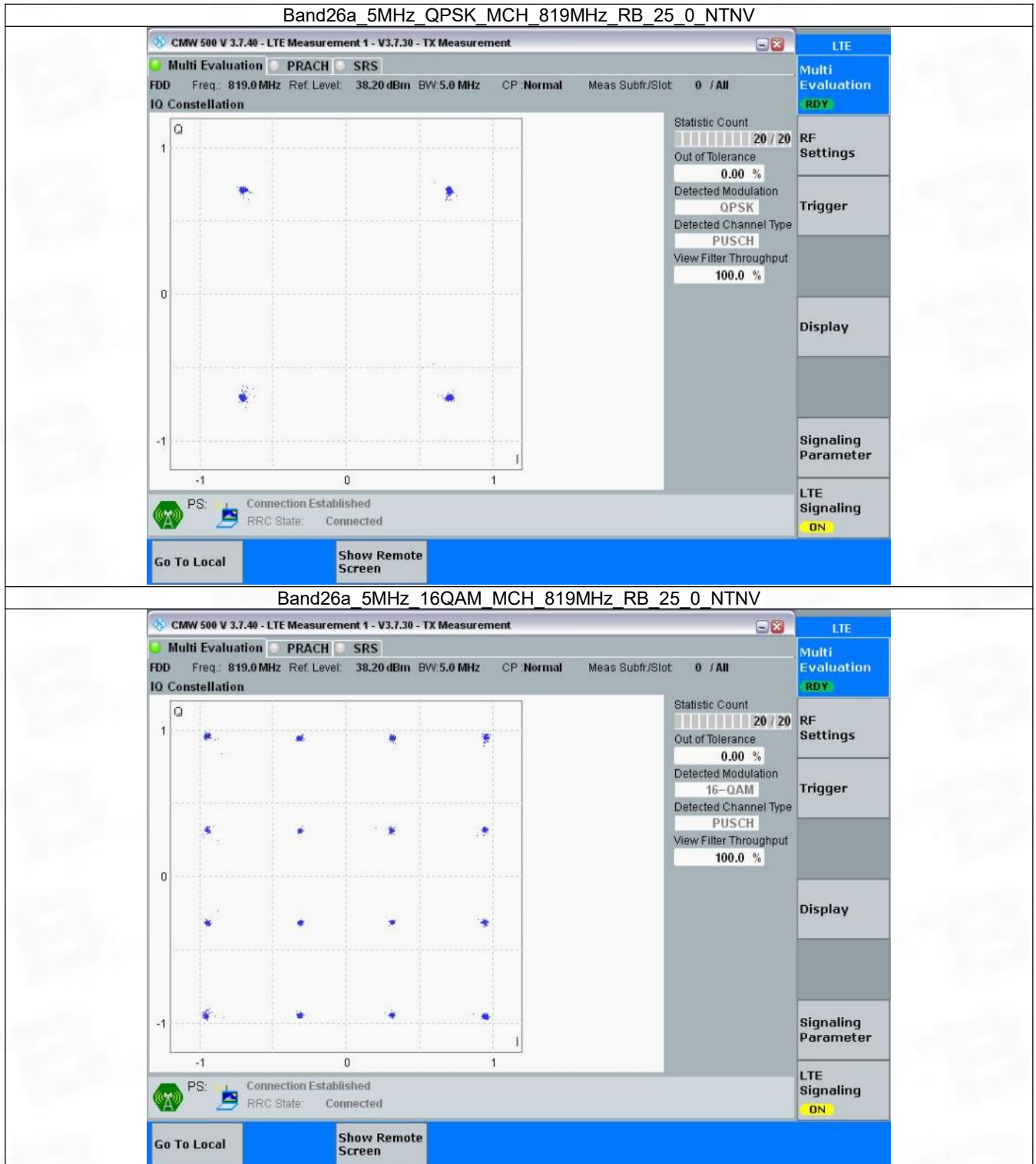
3.2.1 B26a_1.4MHz



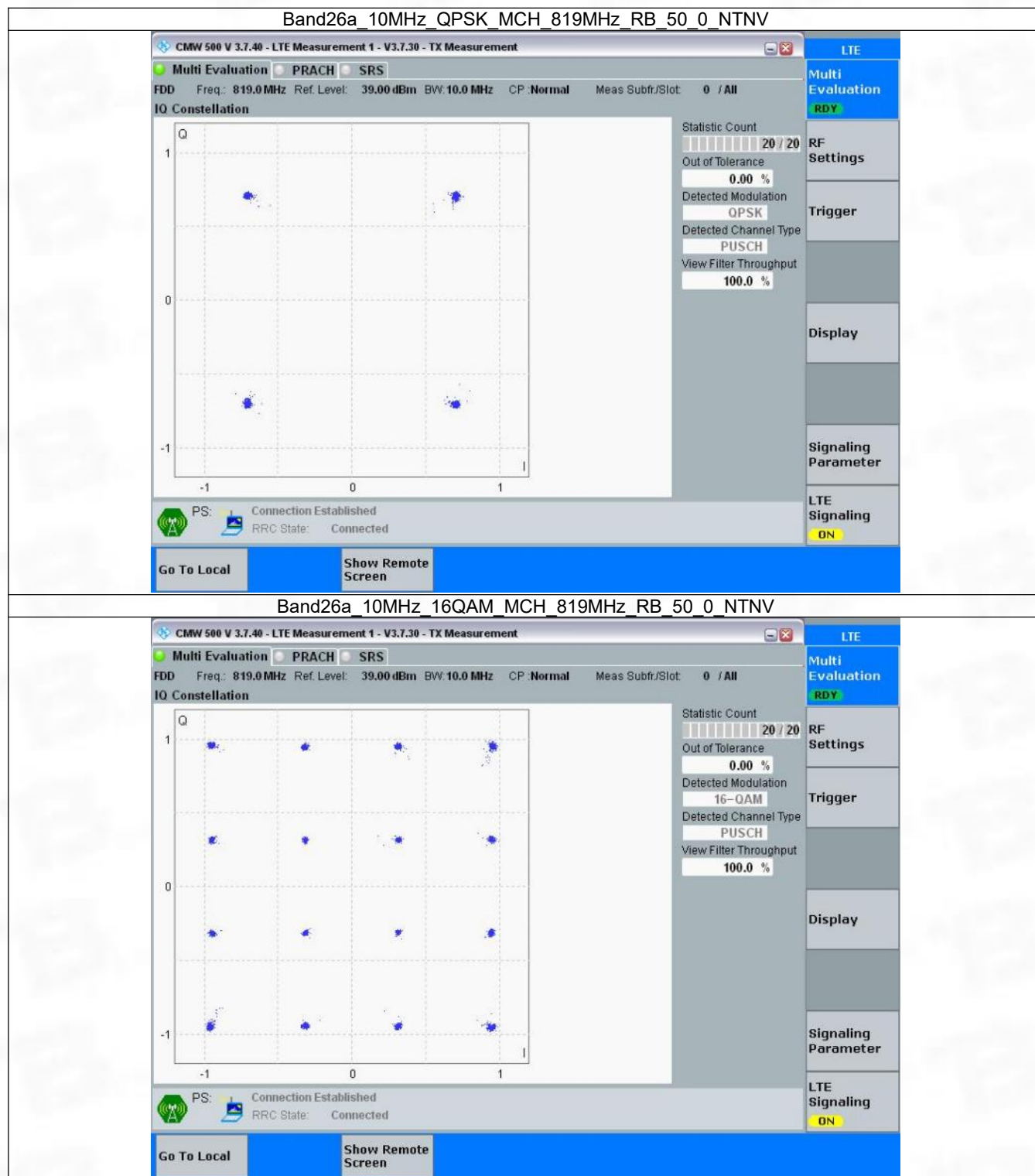
3.2.2 B26a_3MHz



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	1.111	/	Pass
		819	6	0	1.124	/	Pass
		823.3	6	0	1.116	/	Pass
	16QAM	814.7	6	0	1.120	/	Pass
		819	6	0	1.108	/	Pass
		823.3	6	0	1.113	/	Pass
3	QPSK	815.5	15	0	2.737	/	Pass
		819	15	0	2.717	/	Pass
		822.5	15	0	2.729	/	Pass
	16QAM	815.5	15	0	2.723	/	Pass
		819	15	0	2.722	/	Pass
		822.5	15	0	2.721	/	Pass
5	QPSK	816.5	25	0	4.554	/	Pass
		819	25	0	4.543	/	Pass
		821.5	25	0	4.553	/	Pass
	16QAM	816.5	25	0	4.552	/	Pass
		819	25	0	4.546	/	Pass
		821.5	25	0	4.534	/	Pass
10	QPSK	819	50	0	9.063	/	Pass
	16QAM	819	50	0	9.068	/	Pass

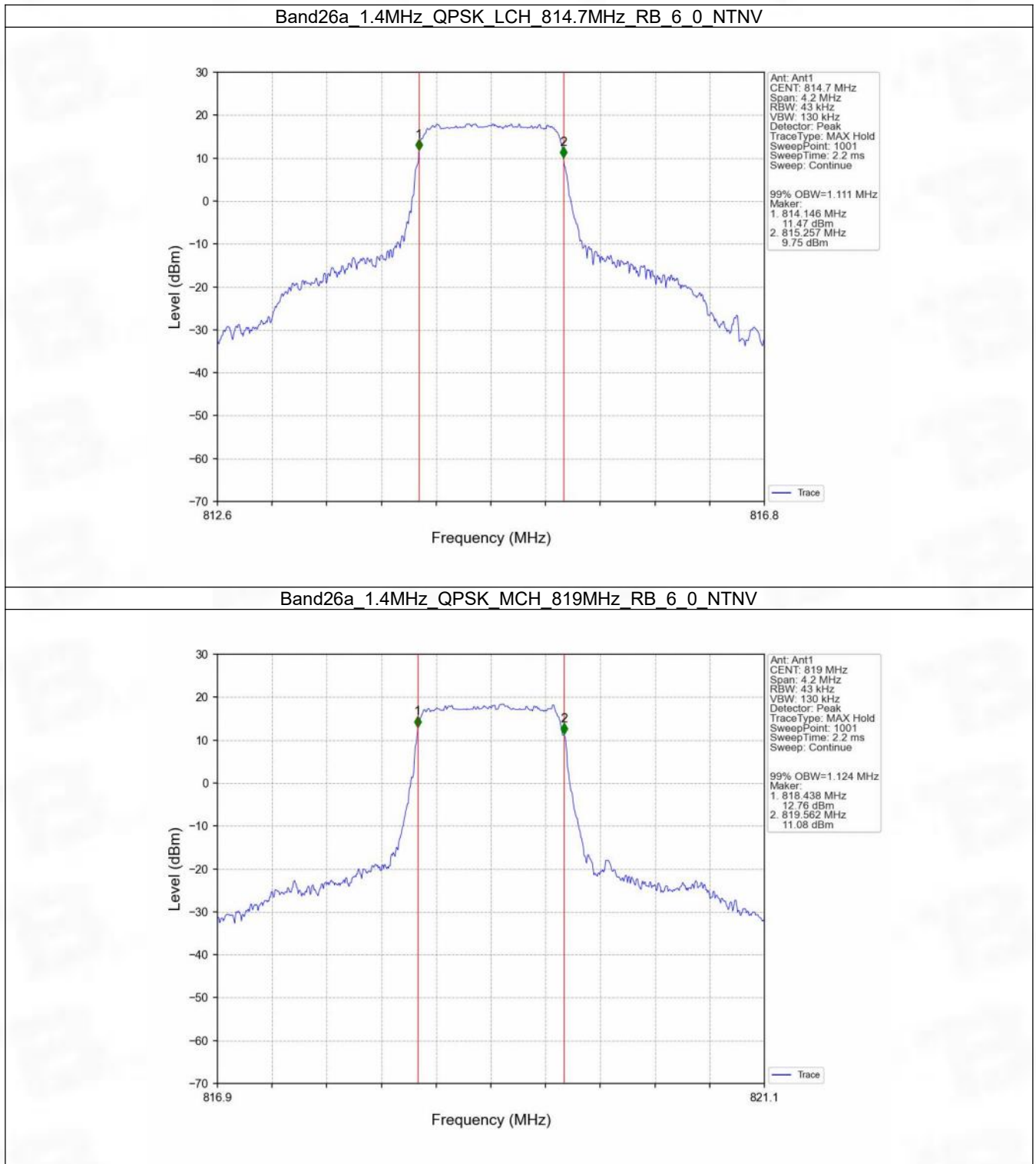
4.1.2 Band26a_XDB

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	1.340	/	Pass
		819	6	0	1.312	/	Pass
		823.3	6	0	1.304	/	Pass
	16QAM	814.7	6	0	1.338	/	Pass
		819	6	0	1.322	/	Pass
		823.3	6	0	1.319	/	Pass
3	QPSK	815.5	15	0	2.996	/	Pass
		819	15	0	2.983	/	Pass
		822.5	15	0	2.996	/	Pass
	16QAM	815.5	15	0	2.996	/	Pass
		819	15	0	3.061	/	Pass
		822.5	15	0	2.971	/	Pass
5	QPSK	816.5	25	0	5.026	/	Pass
		819	25	0	5.014	/	Pass
		821.5	25	0	4.993	/	Pass
	16QAM	816.5	25	0	5.028	/	Pass
		819	25	0	5.016	/	Pass
		821.5	25	0	5.016	/	Pass
10	QPSK	819	50	0	9.913	/	Pass

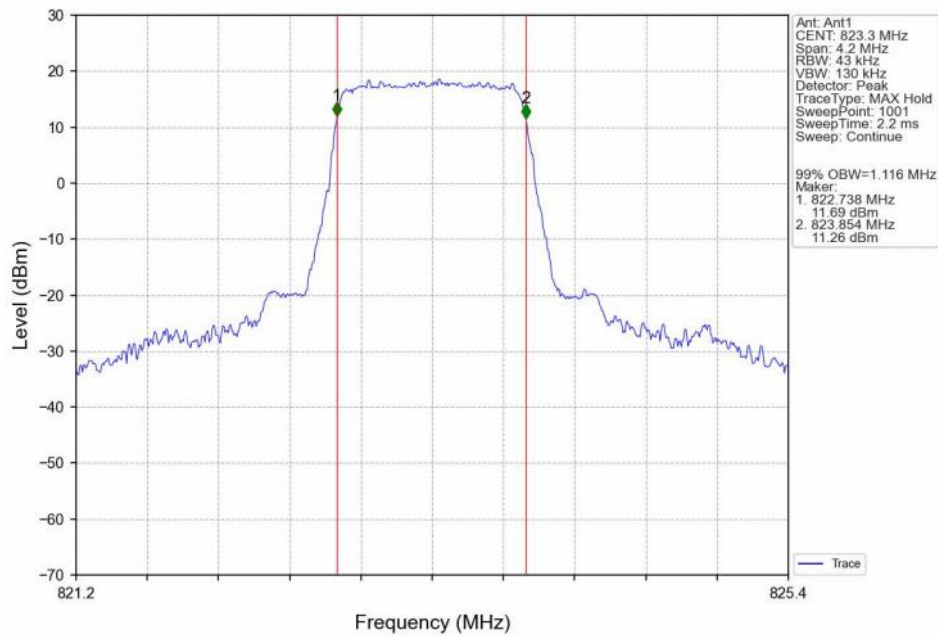
	16QAM	819	50	0	10.149	/	Pass
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4.2 Test Graph

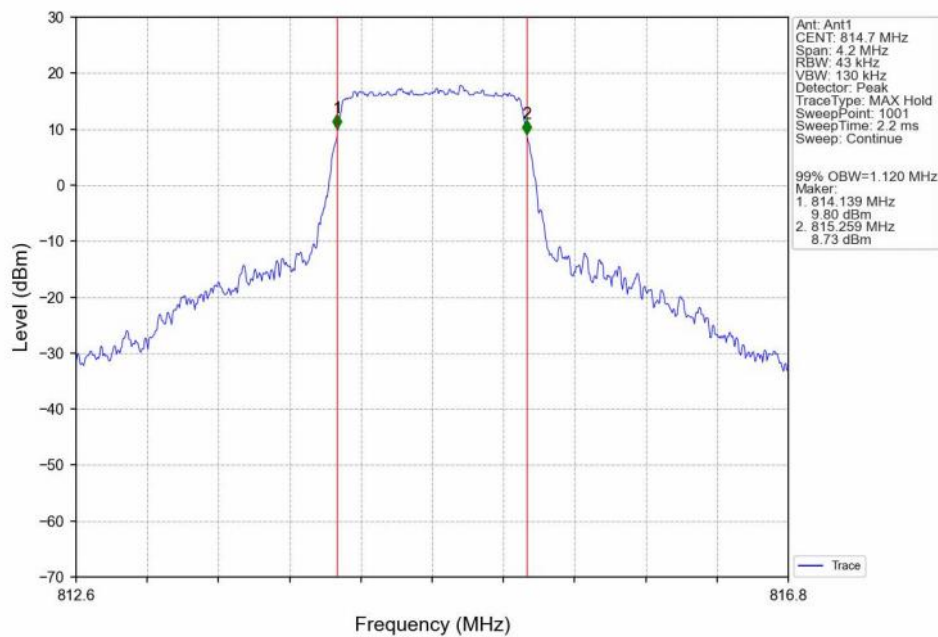
4.2.1 Band26a_OBW



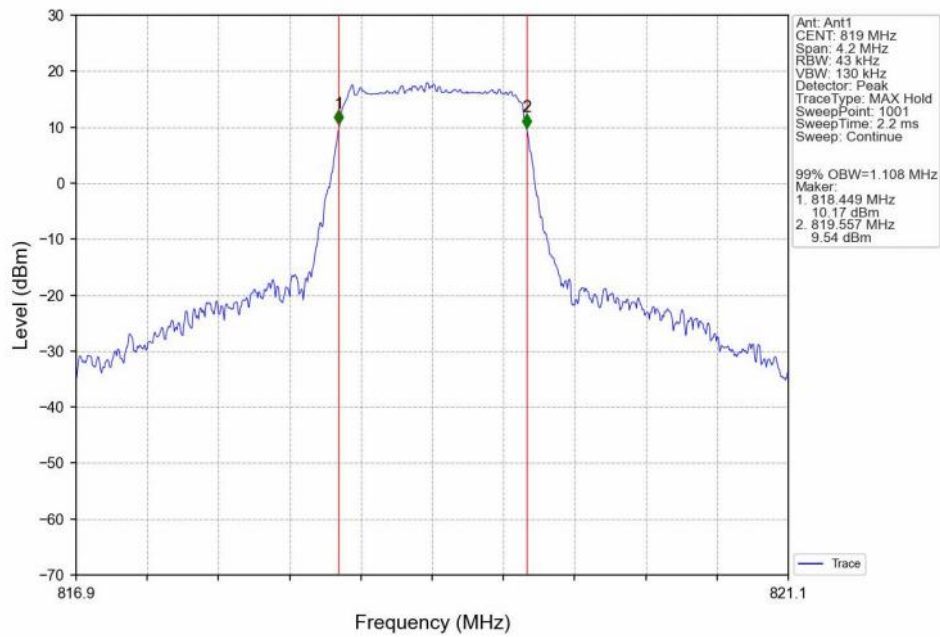
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



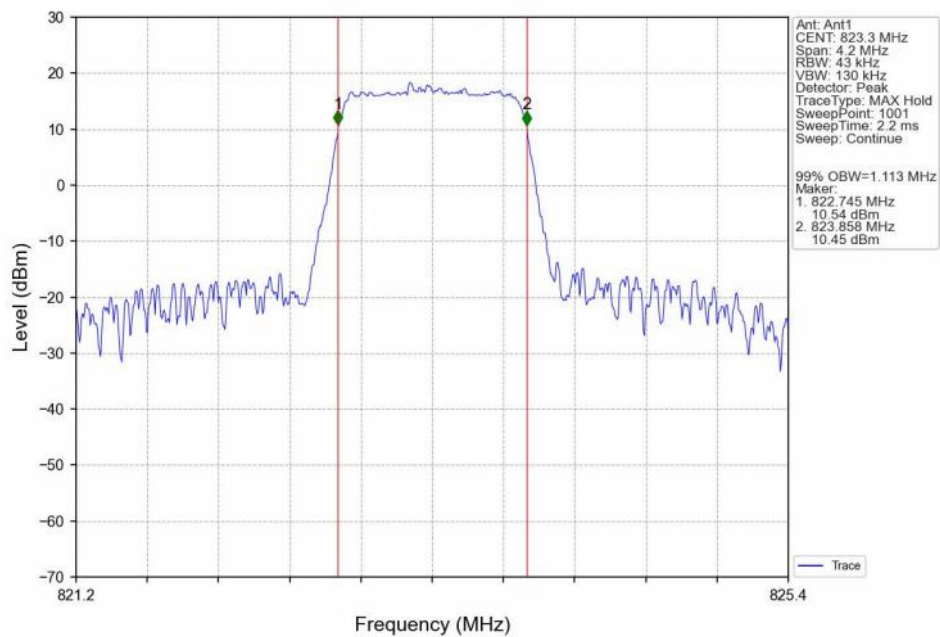
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



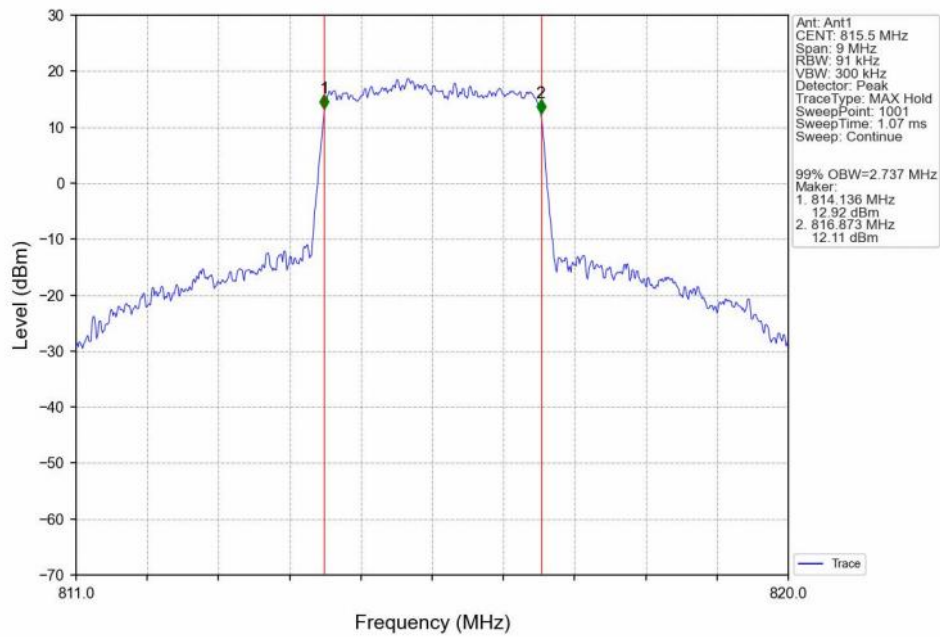
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



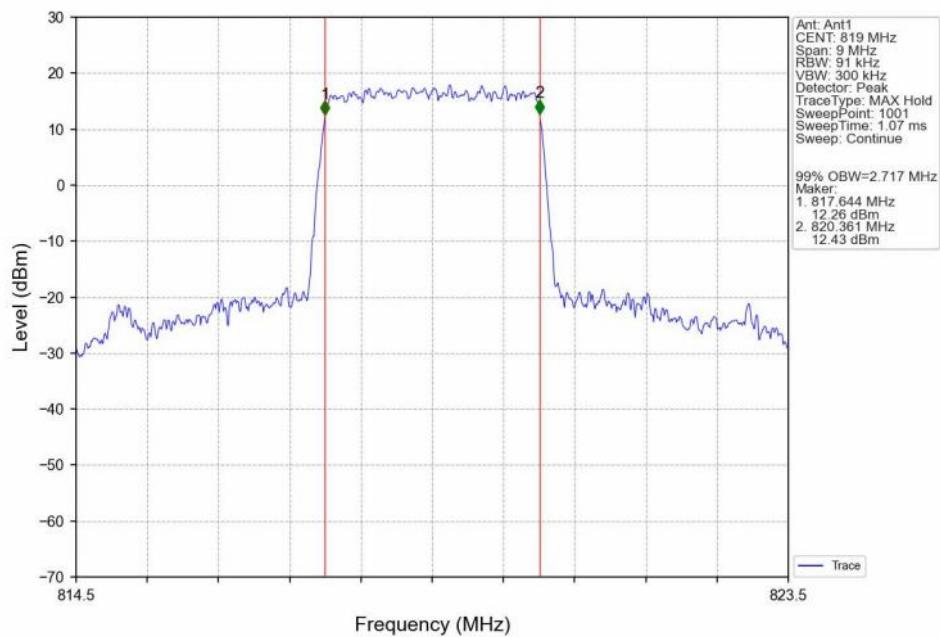
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



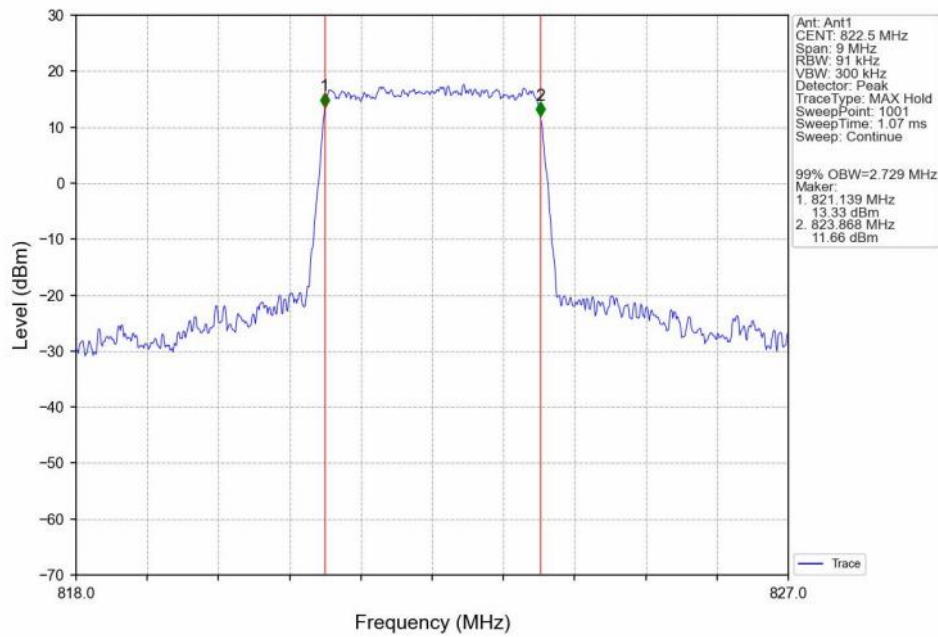
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



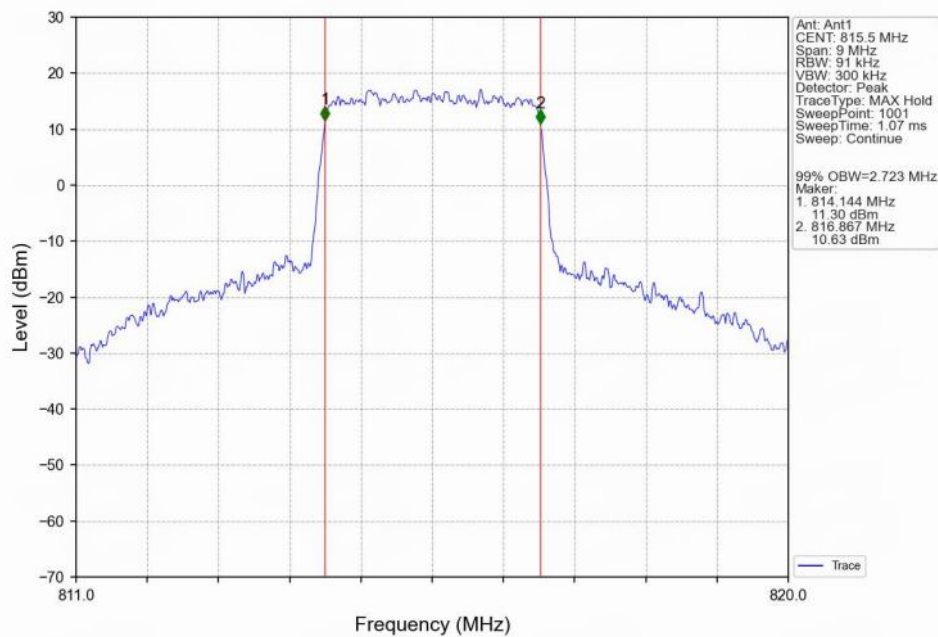
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



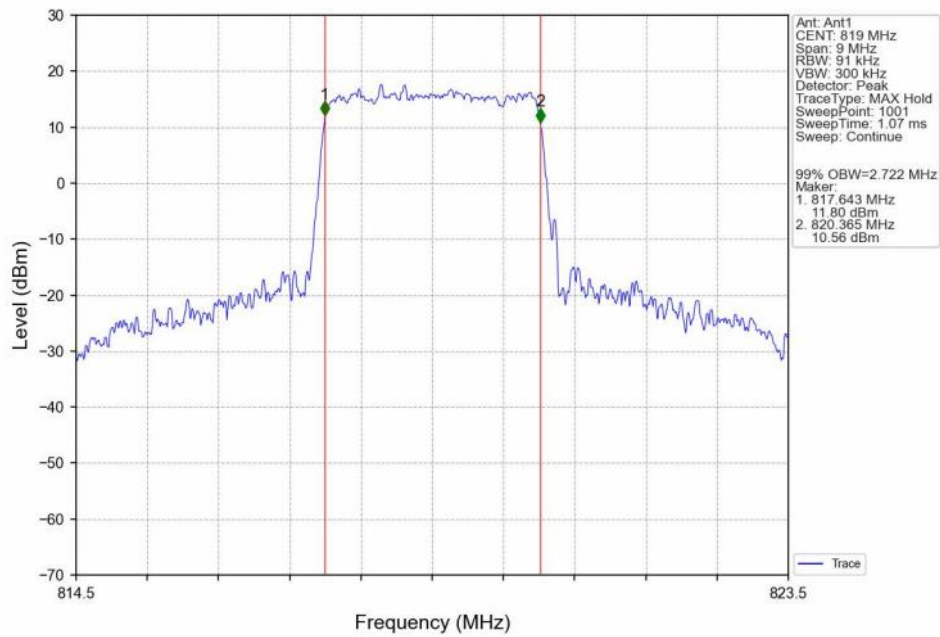
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



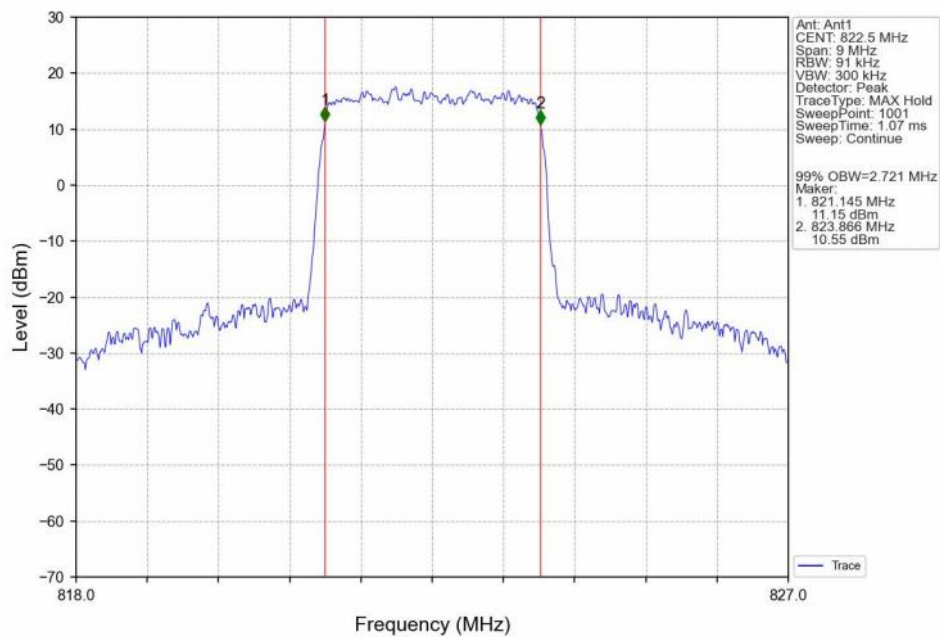
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



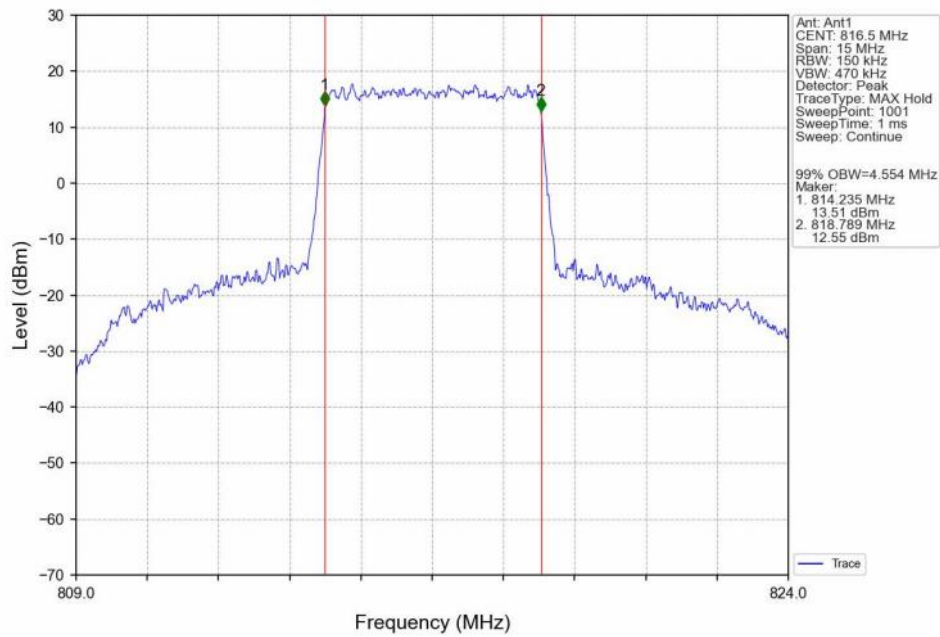
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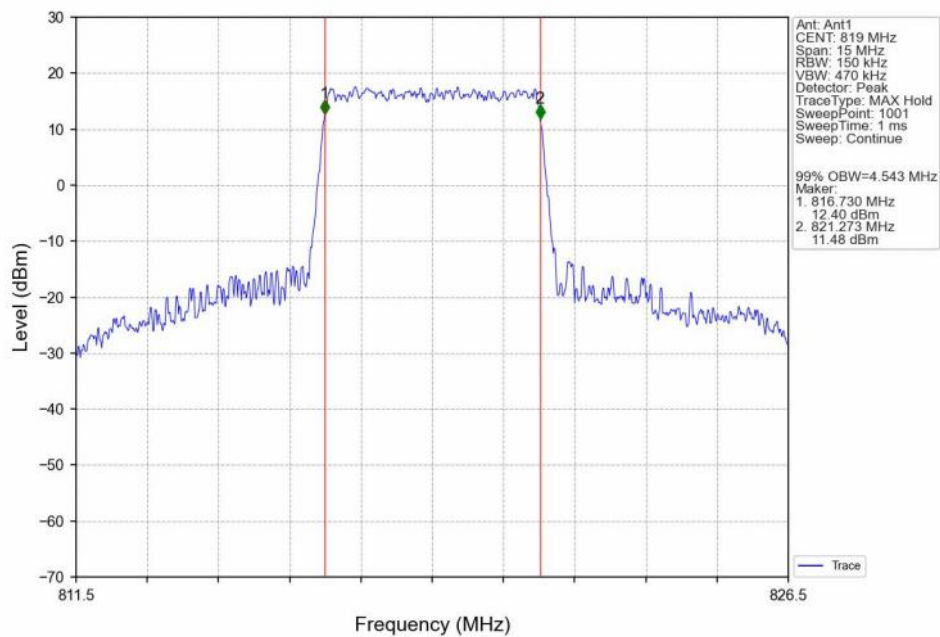
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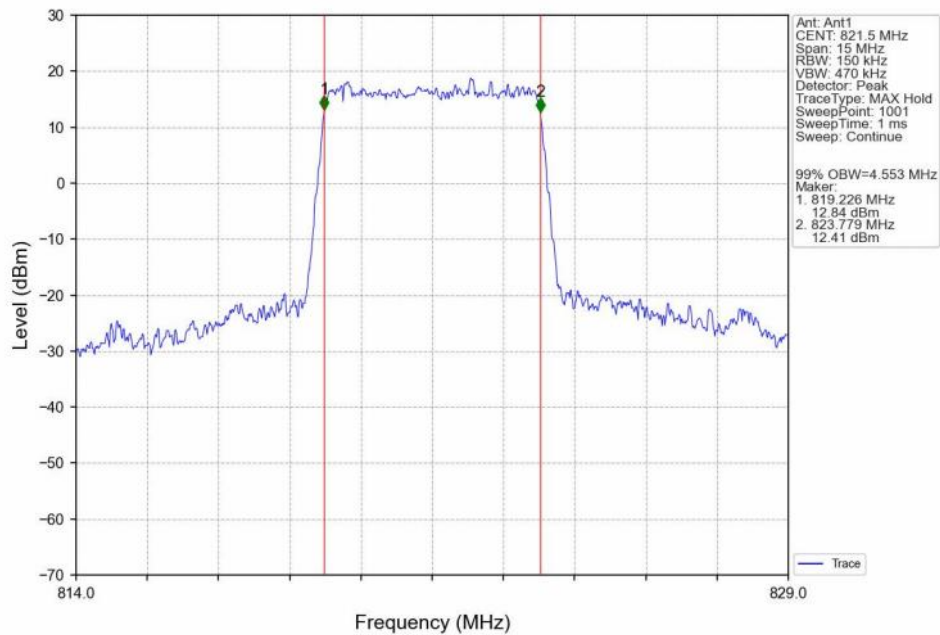
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



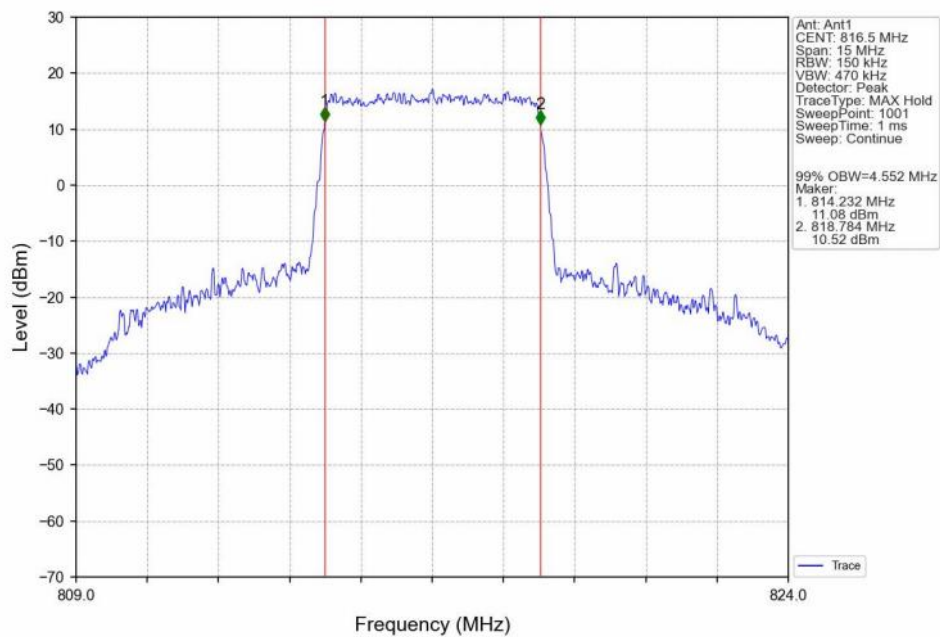
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



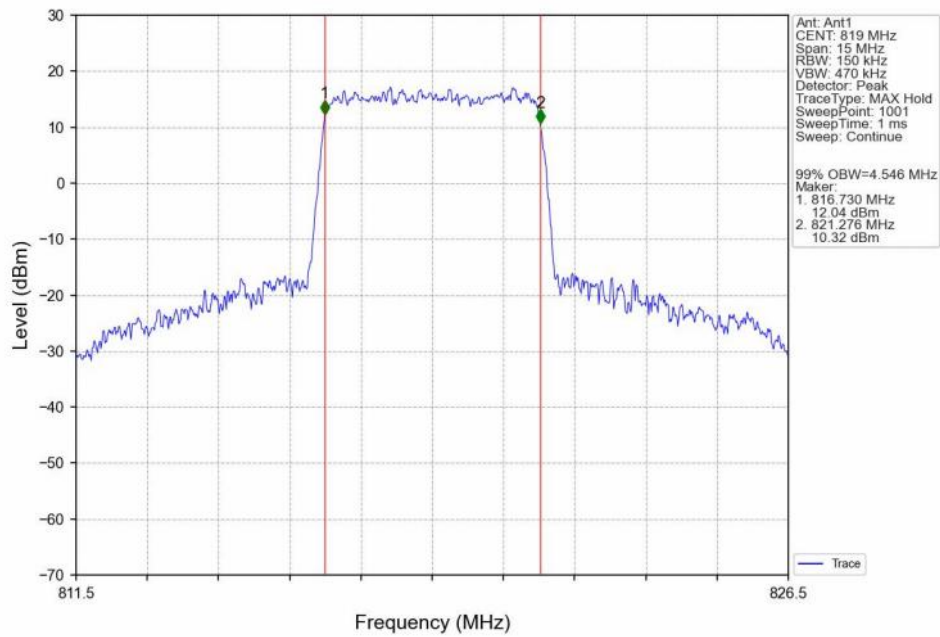
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



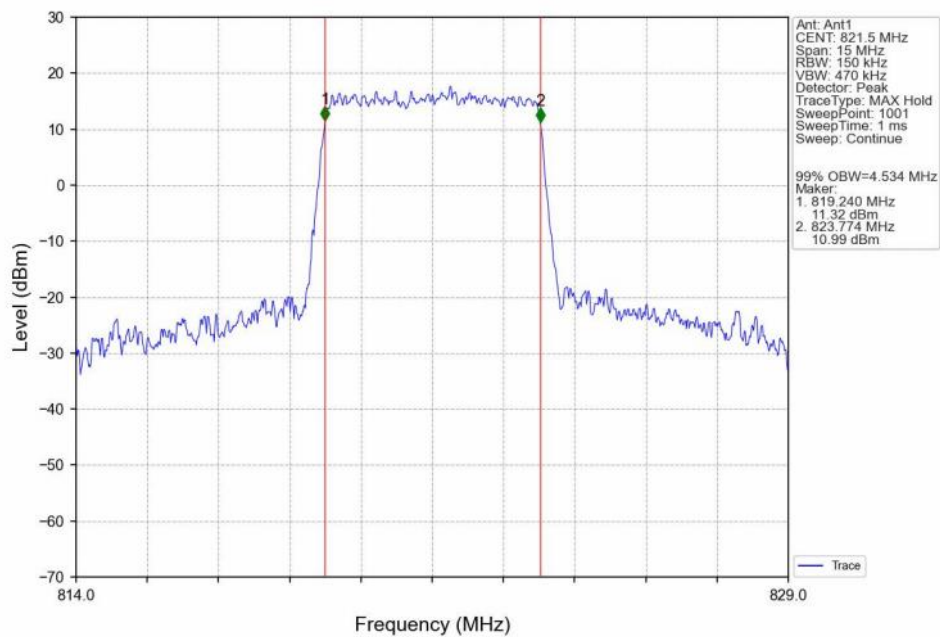
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



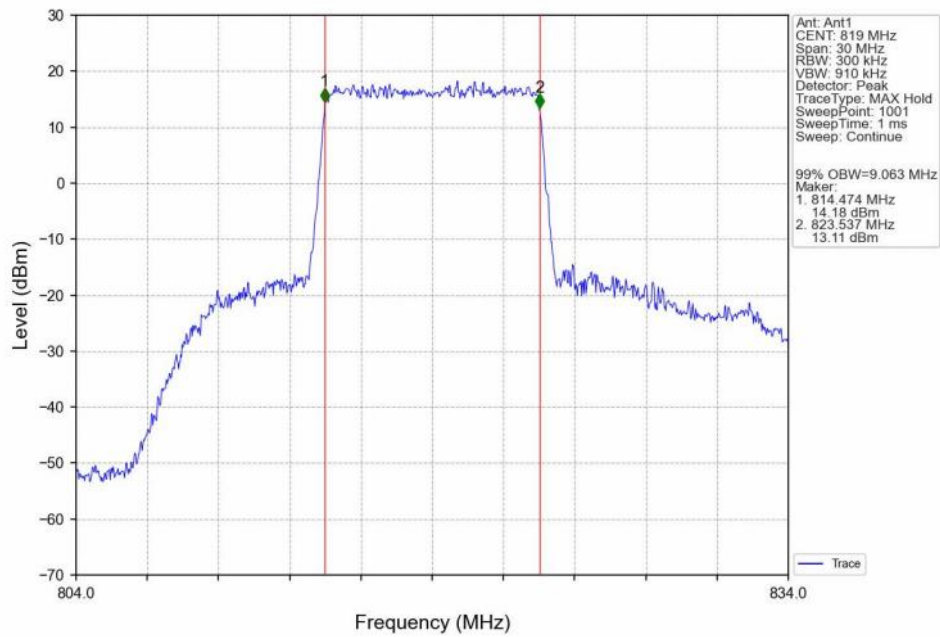
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



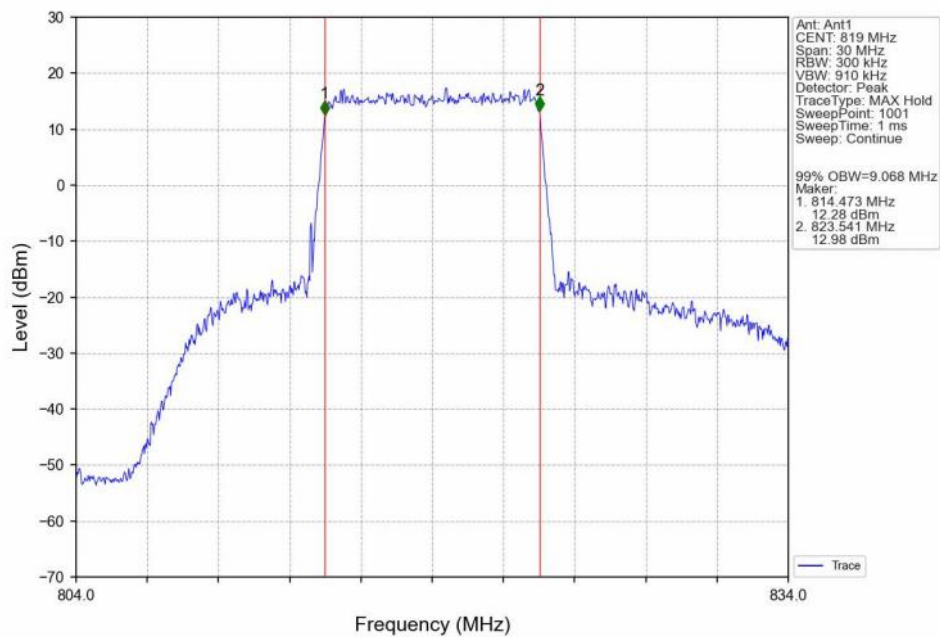
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



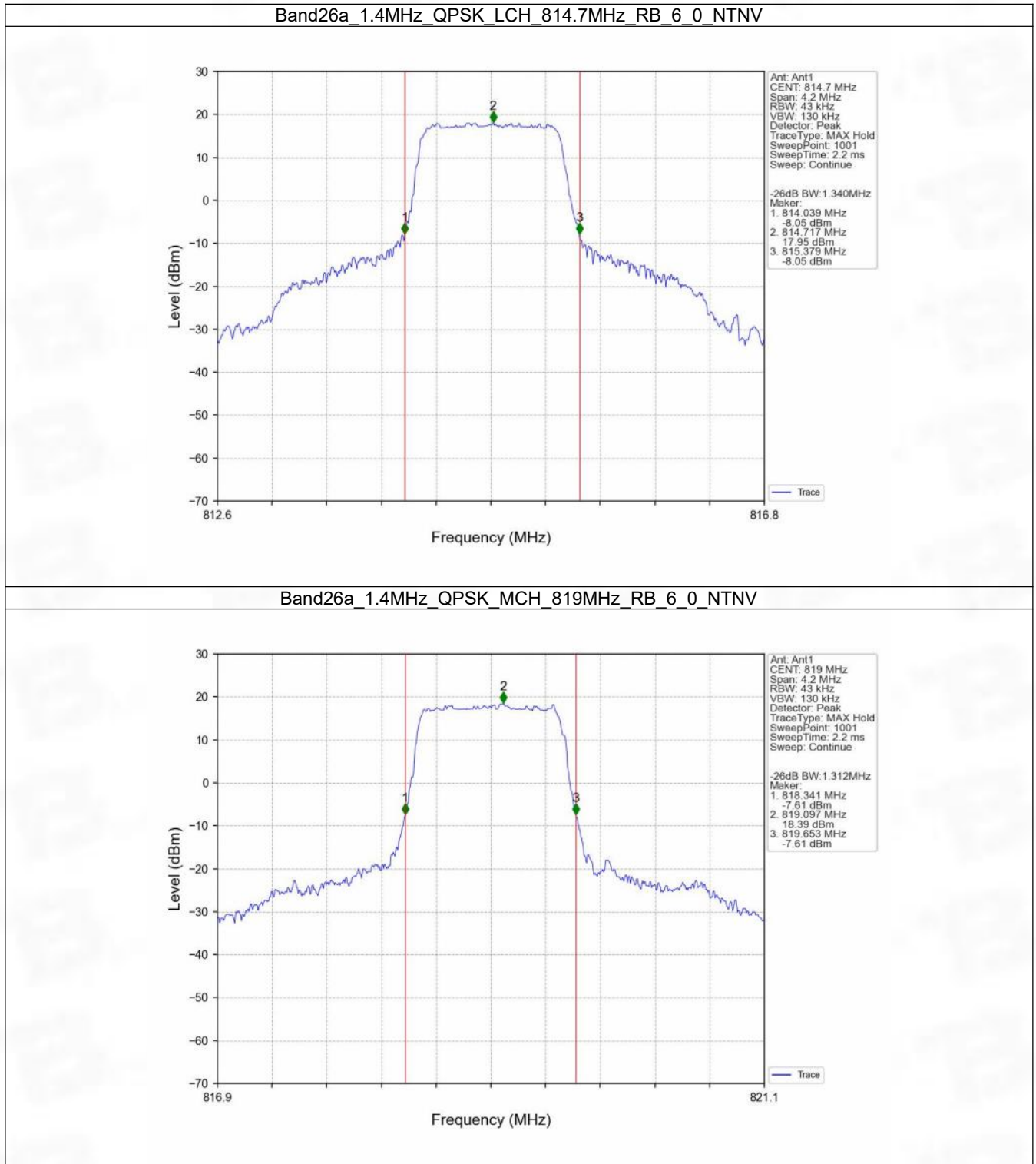
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



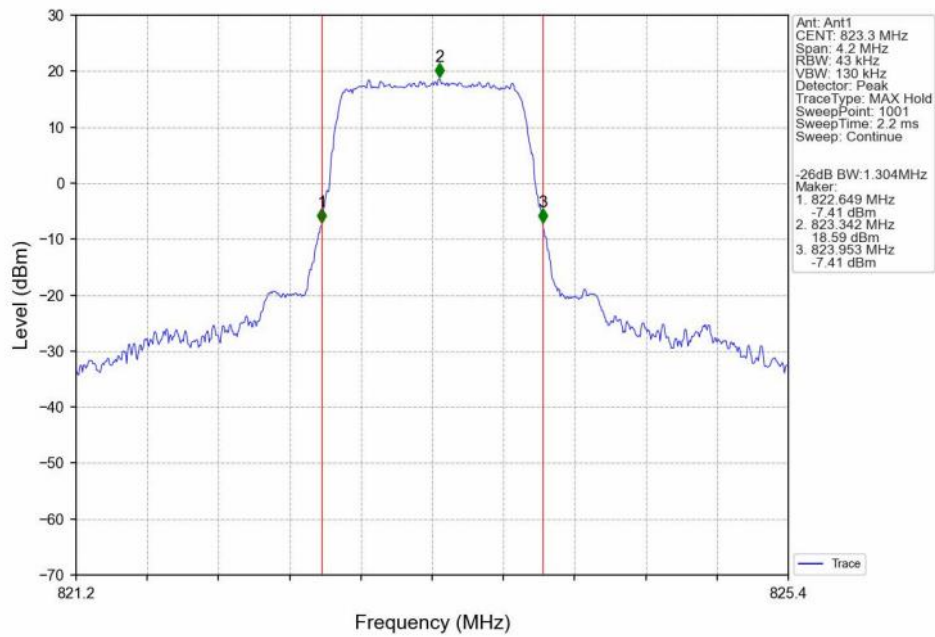
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



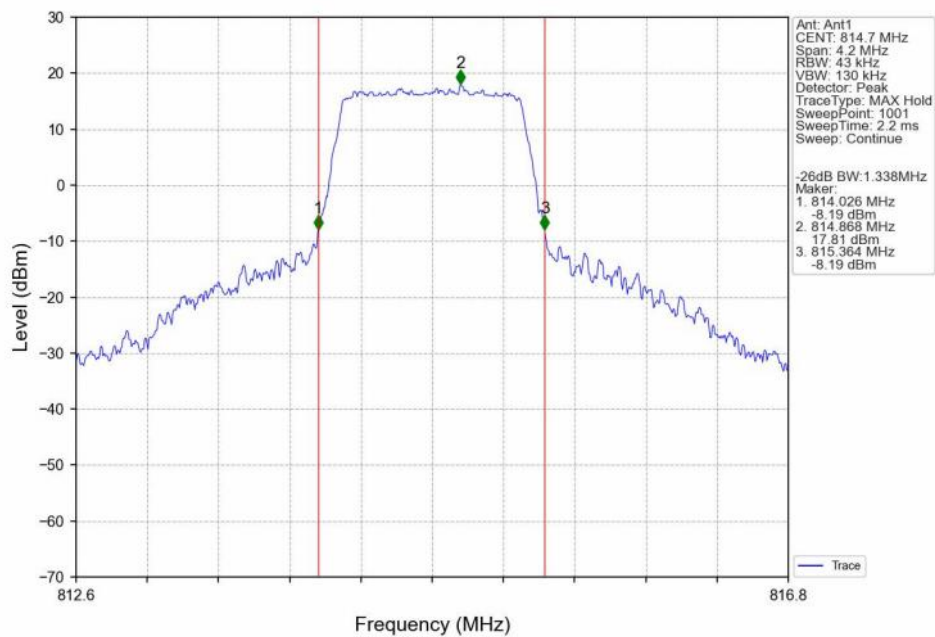
4.2.2 Band26a_XDB



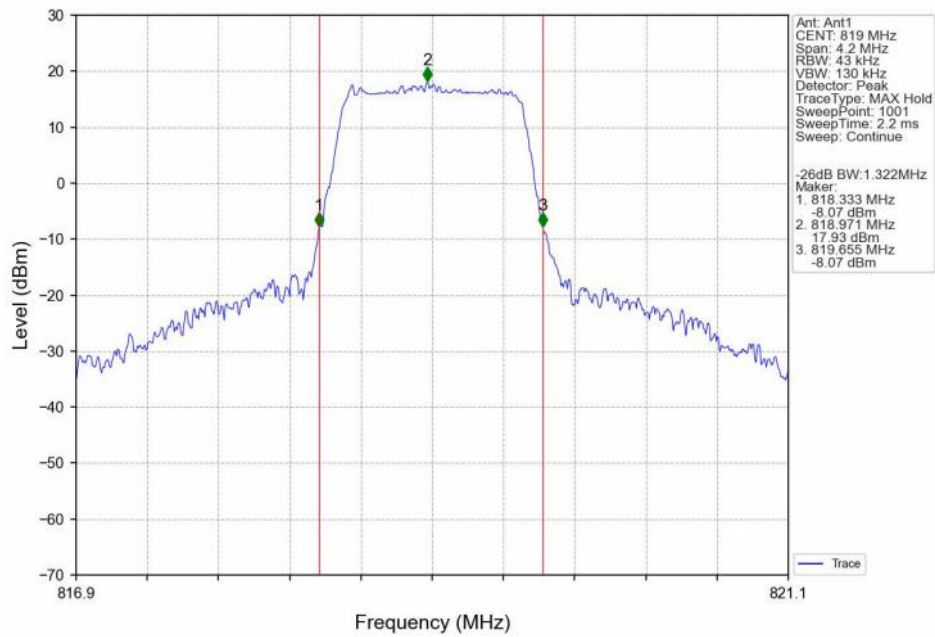
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



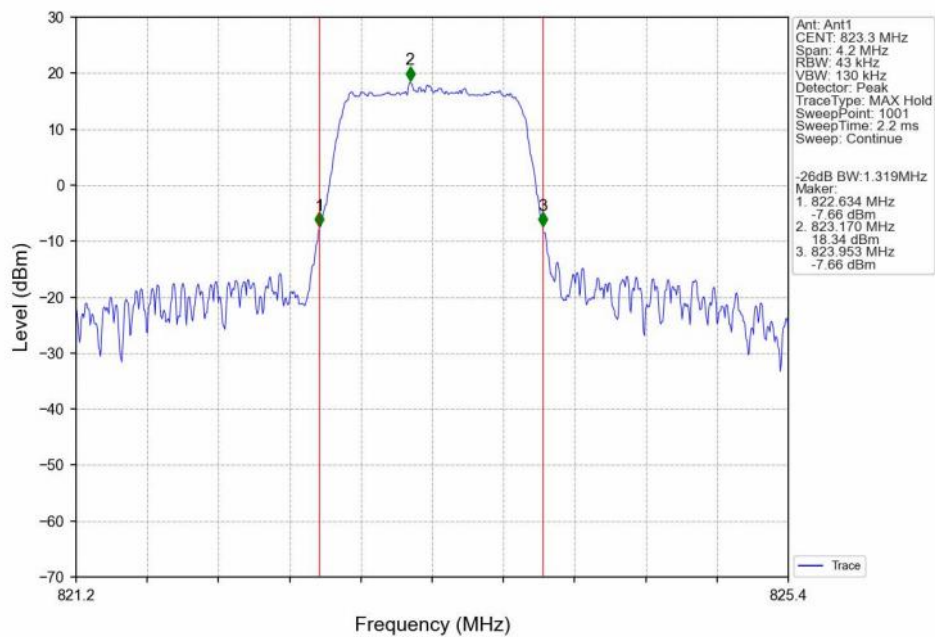
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



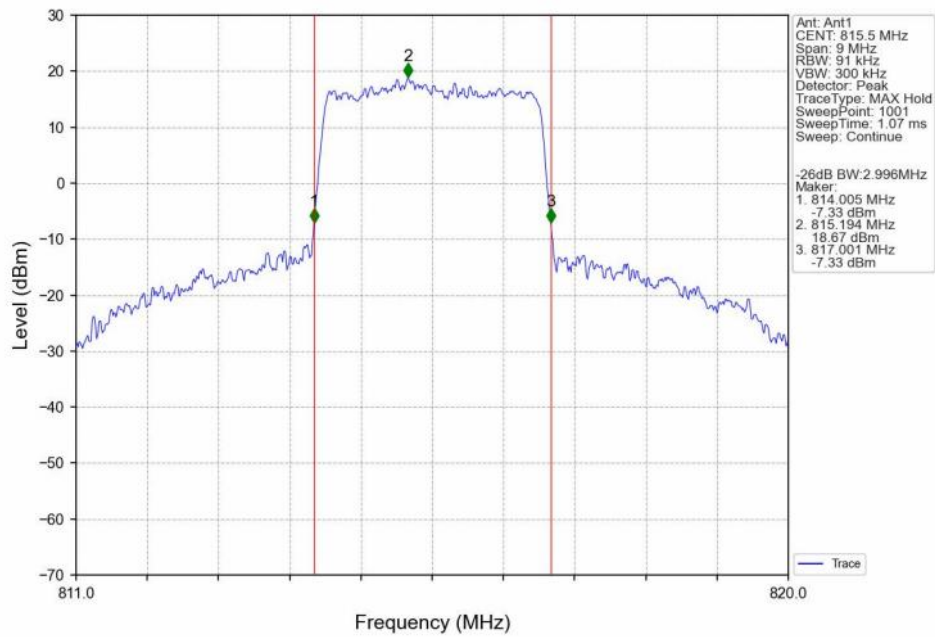
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



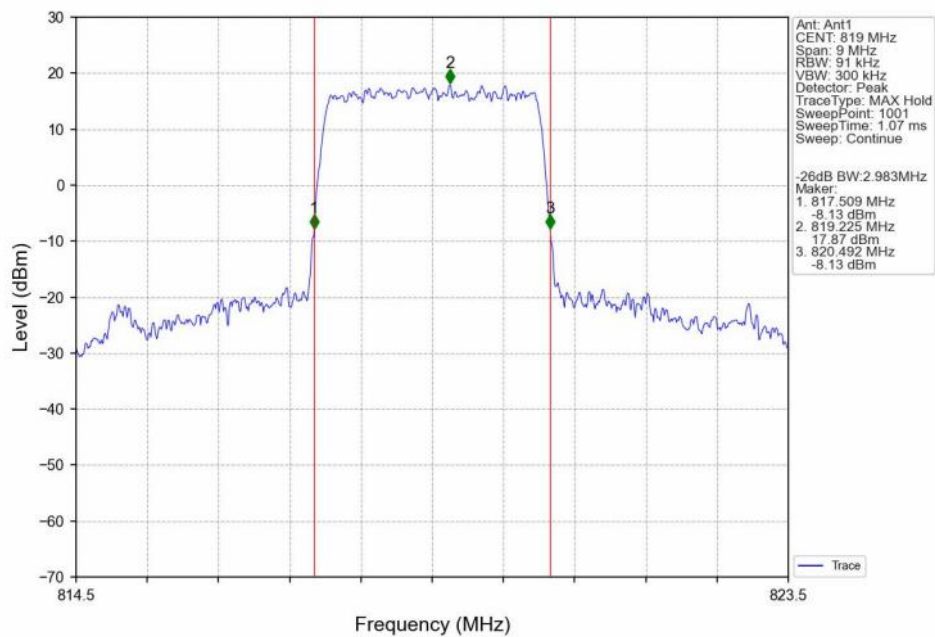
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



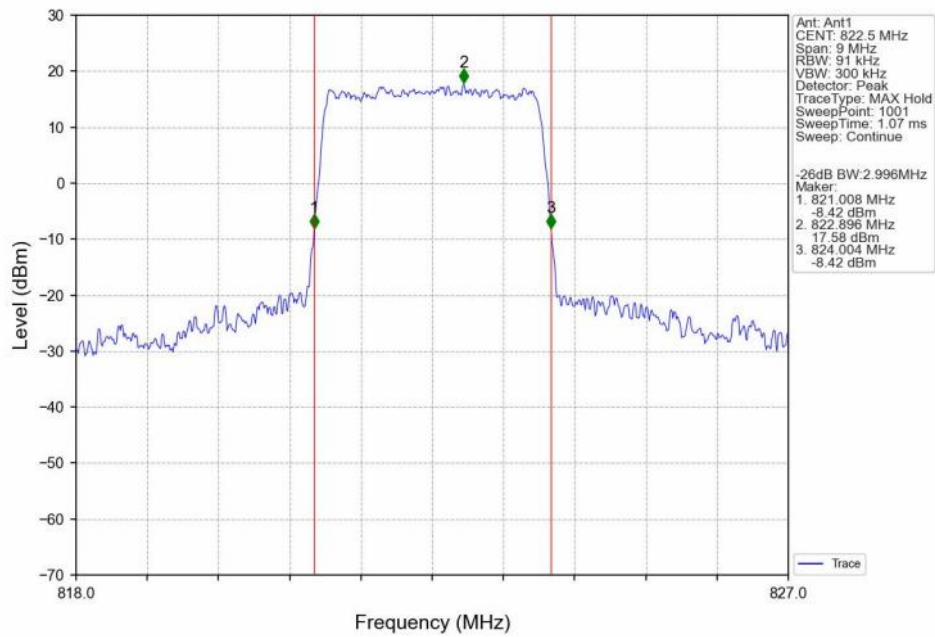
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



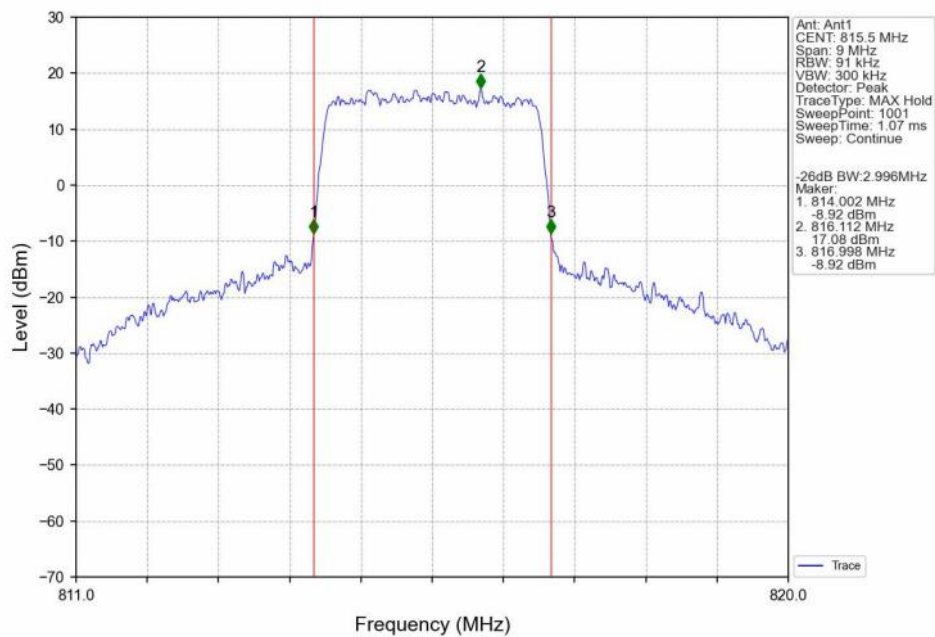
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



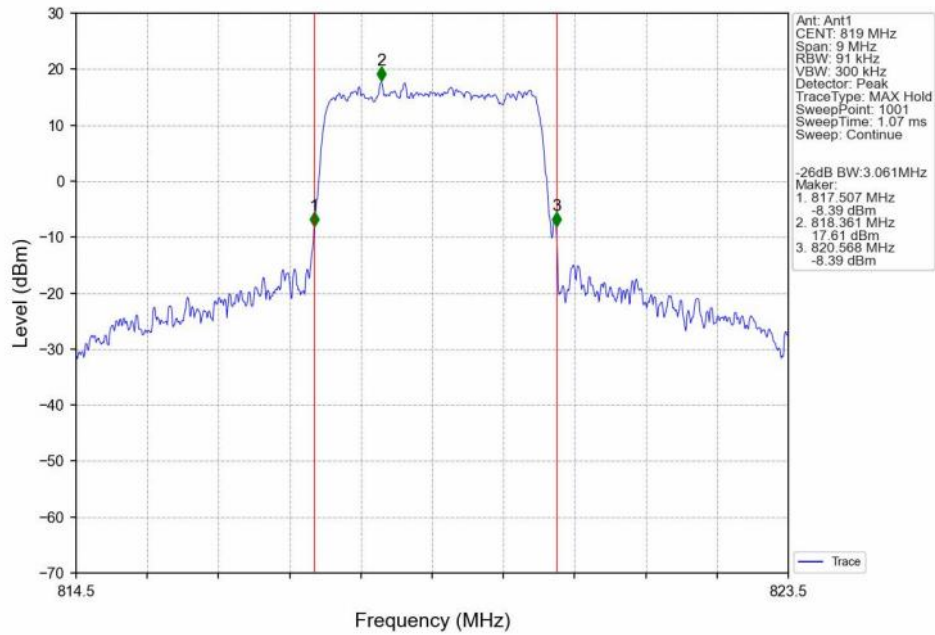
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



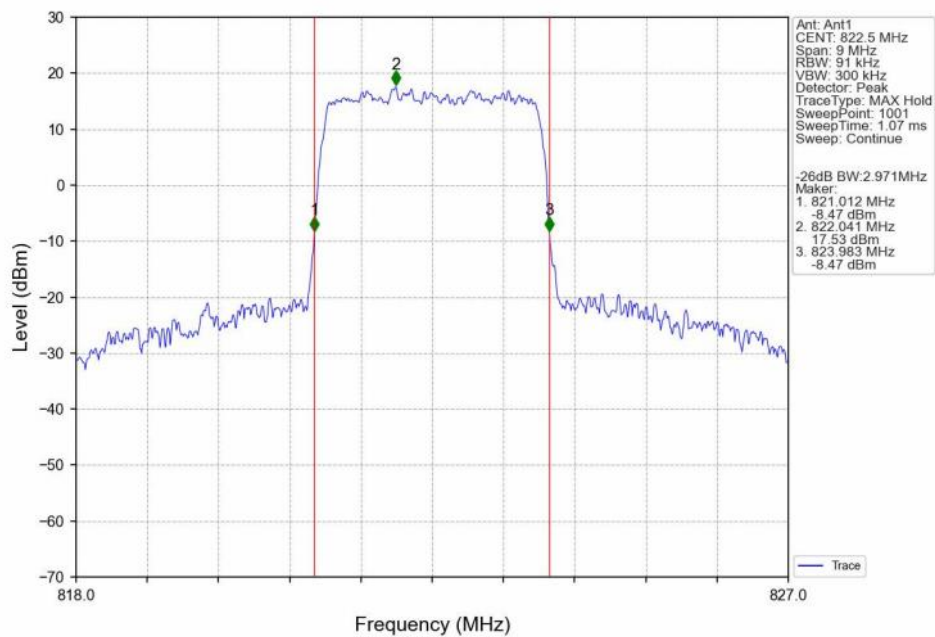
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



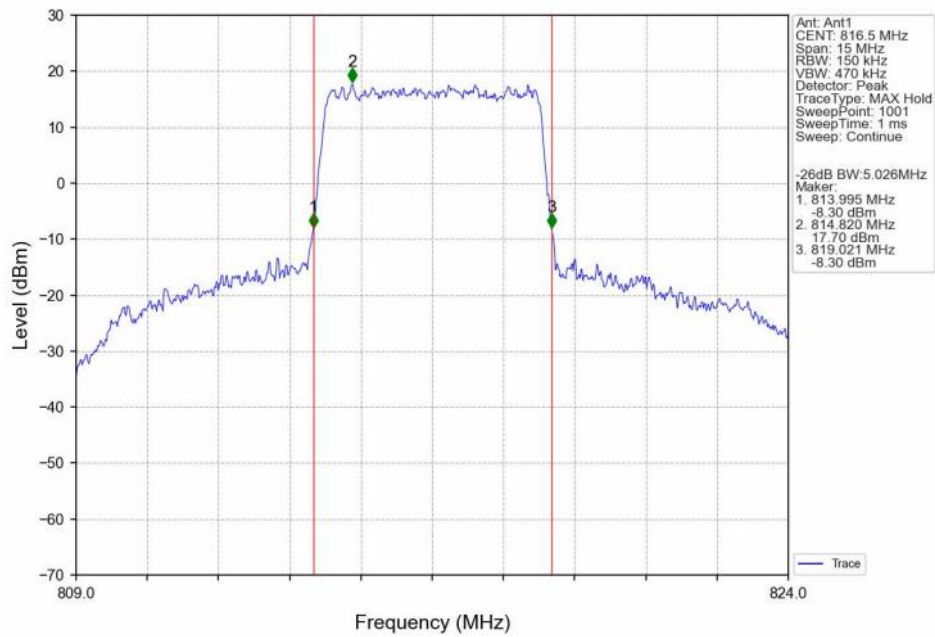
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



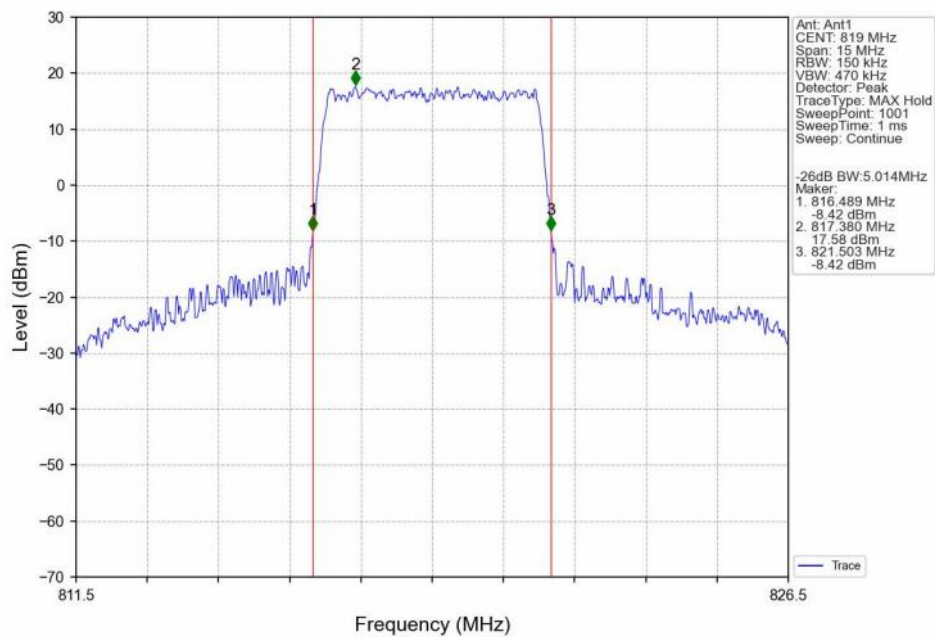
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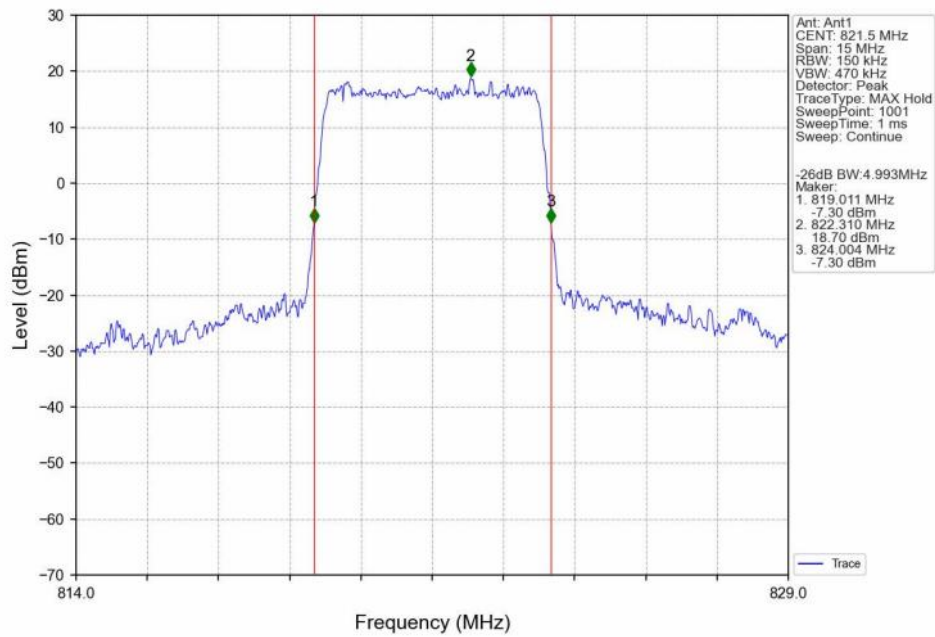
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



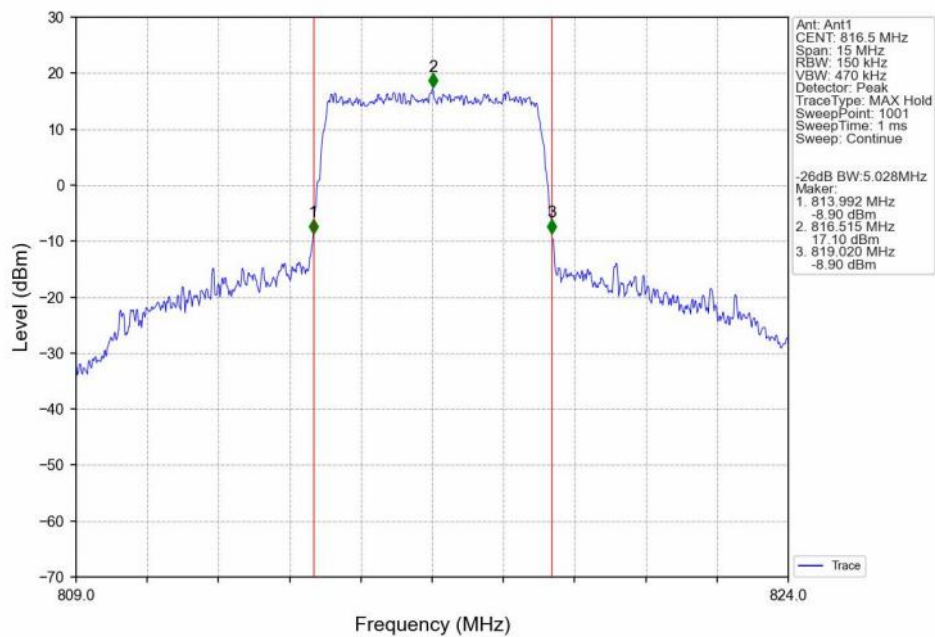
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



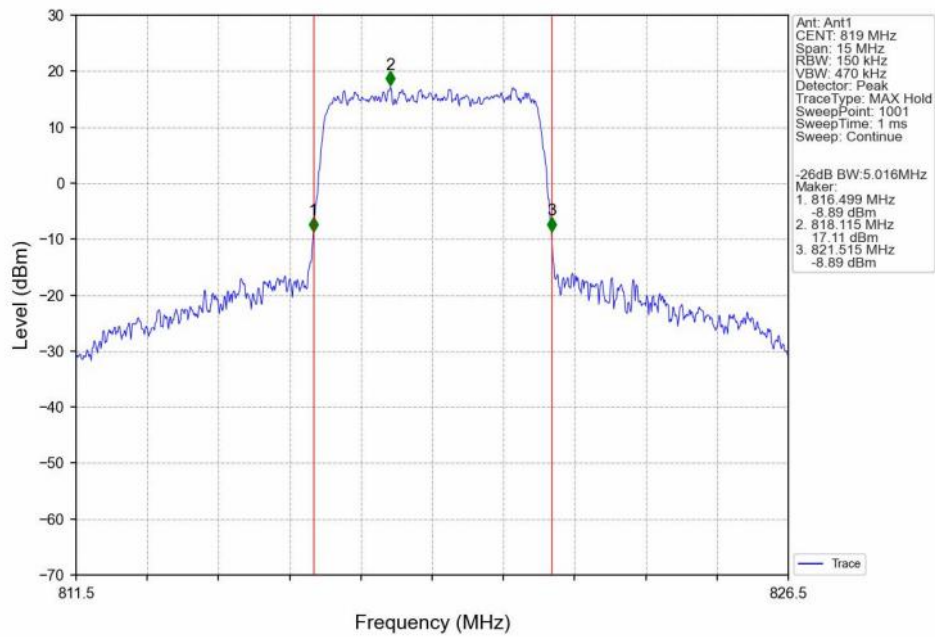
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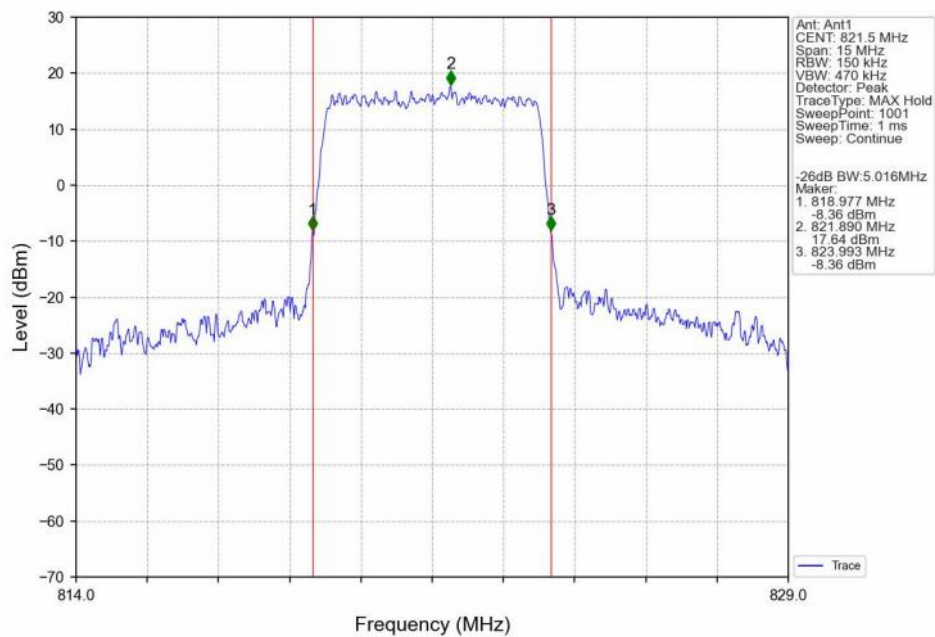
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



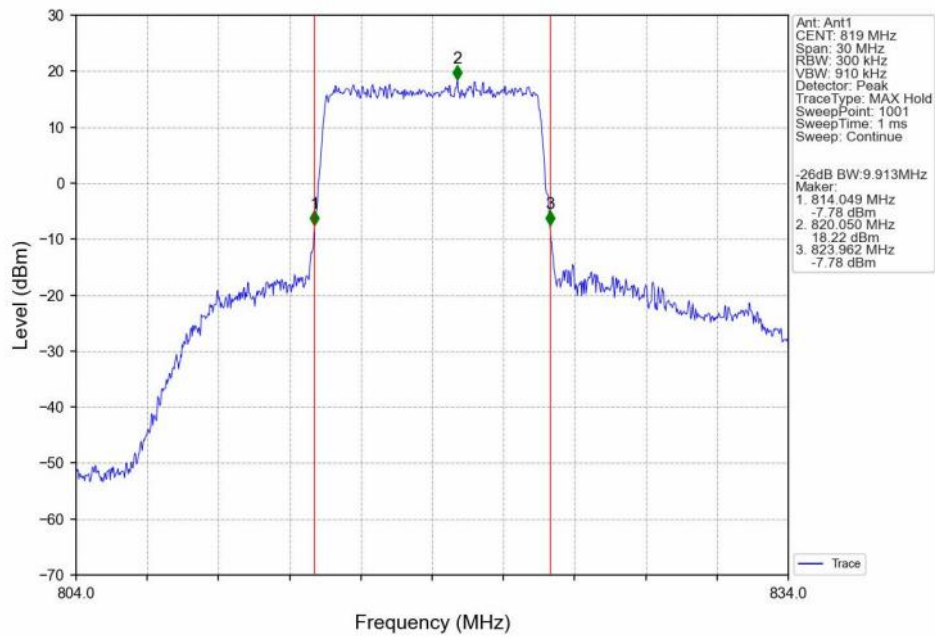
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



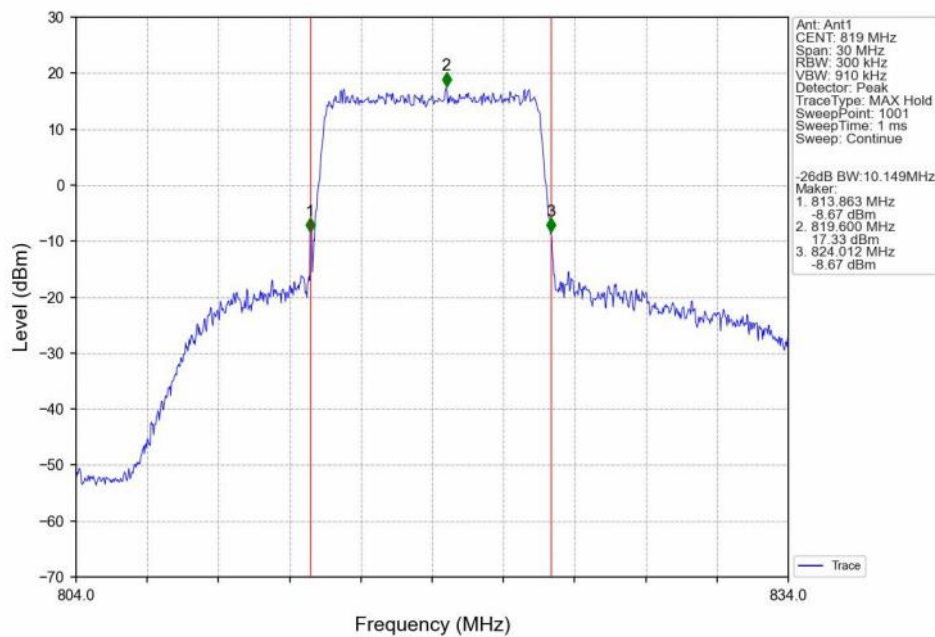
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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	3.98	≤ 13	Pass
	819	6	0	5.00	≤ 13	Pass
	823.3	6	0	5.49	≤ 13	Pass
16QAM	814.7	6	0	4.92	≤ 13	Pass
	819	6	0	5.87	≤ 13	Pass
	823.3	6	0	6.36	≤ 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	4.29	≤ 13	Pass
	819	15	0	5.12	≤ 13	Pass
	822.5	15	0	5.64	≤ 13	Pass
16QAM	815.5	15	0	5.17	≤ 13	Pass
	819	15	0	6.01	≤ 13	Pass
	822.5	15	0	6.44	≤ 13	Pass

5.1.3 B26a_5MHz

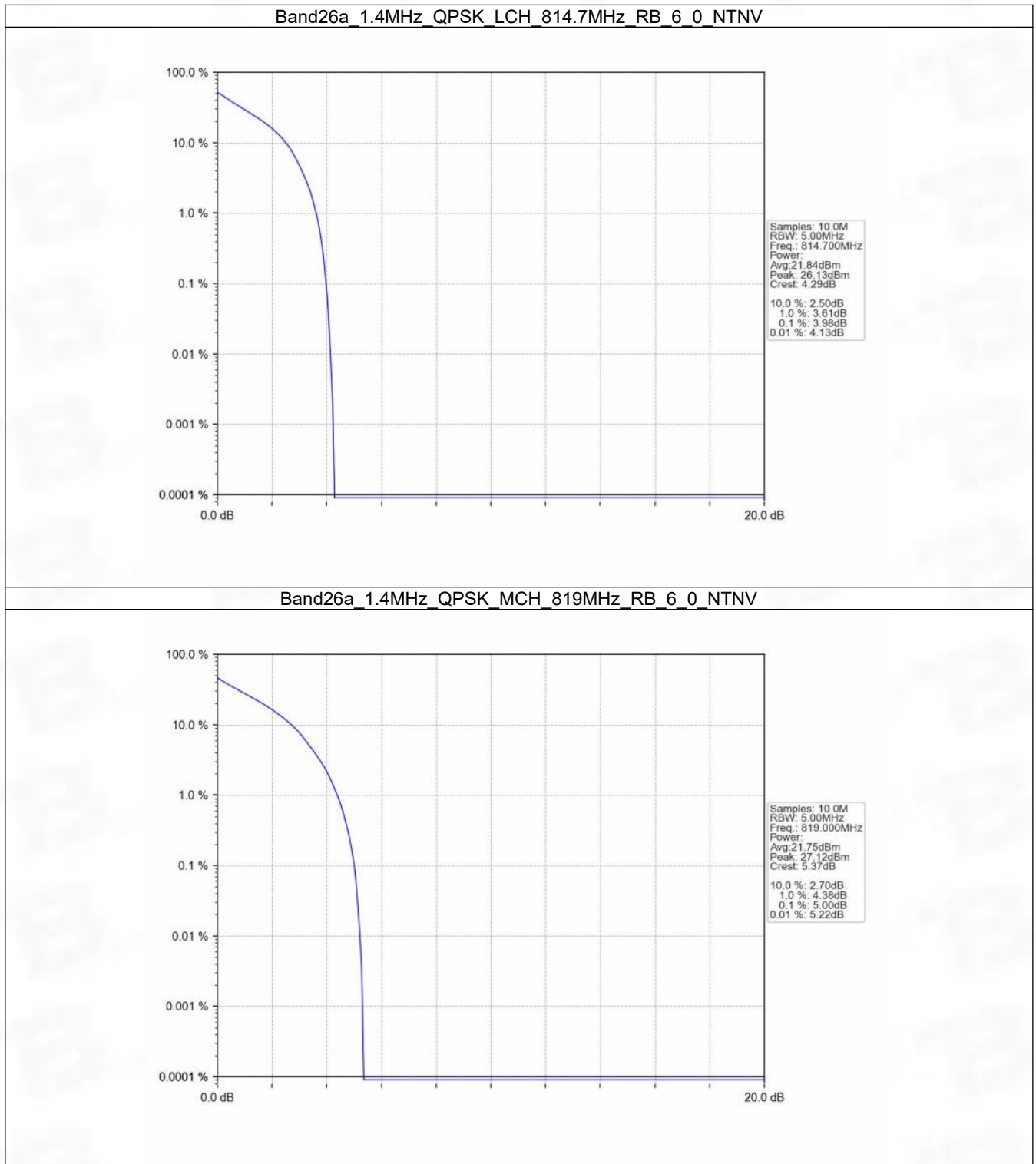
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	4.88	≤ 13	Pass
	819	25	0	5.36	≤ 13	Pass
	821.5	25	0	5.68	≤ 13	Pass
16QAM	816.5	25	0	5.65	≤ 13	Pass
	819	25	0	6.09	≤ 13	Pass
	821.5	25	0	6.40	≤ 13	Pass

5.1.4 B26a_10MHz

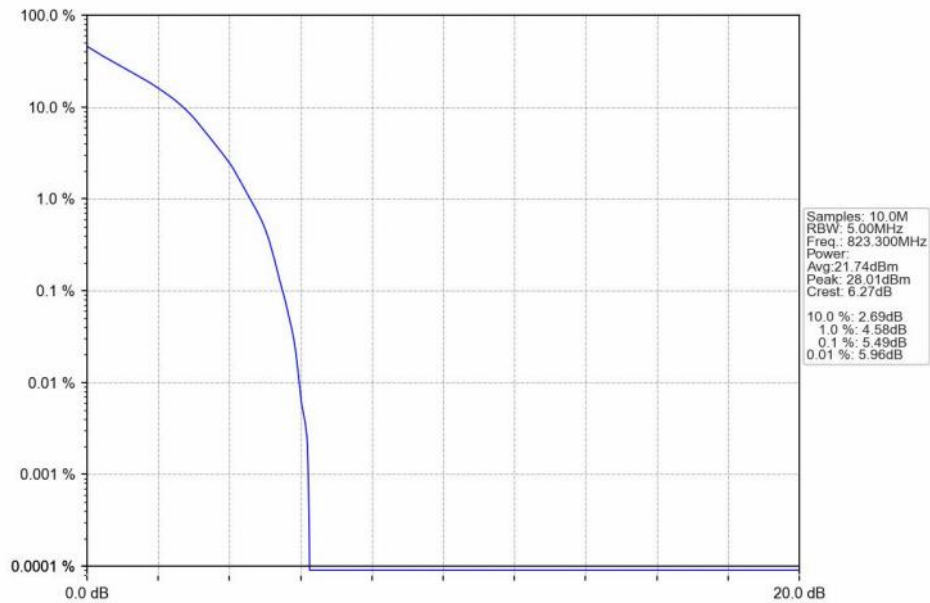
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.27	≤ 13	Pass
16QAM	819	50	0	6.08	≤ 13	Pass

5.2 Test Graph

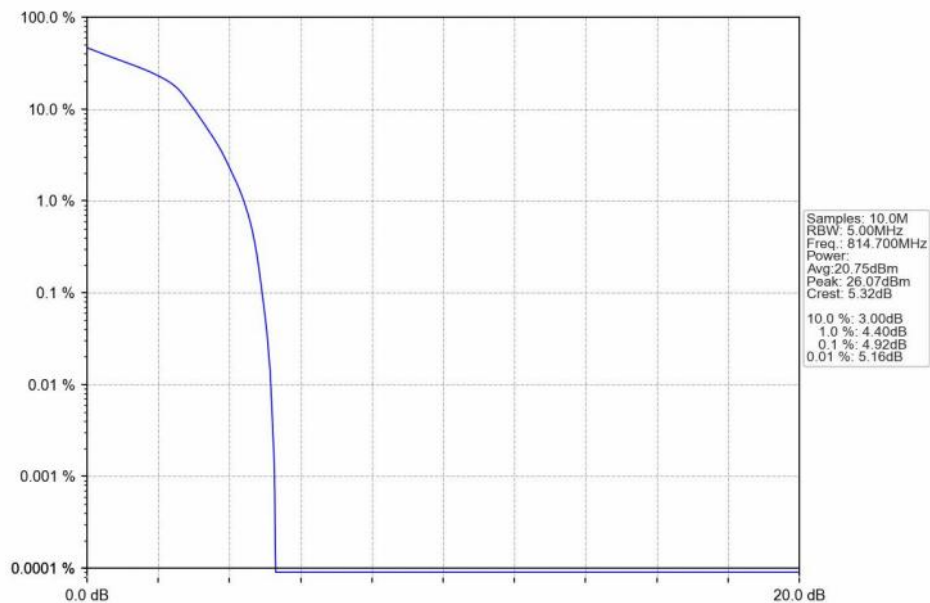
5.2.1 B26a_1.4MHz



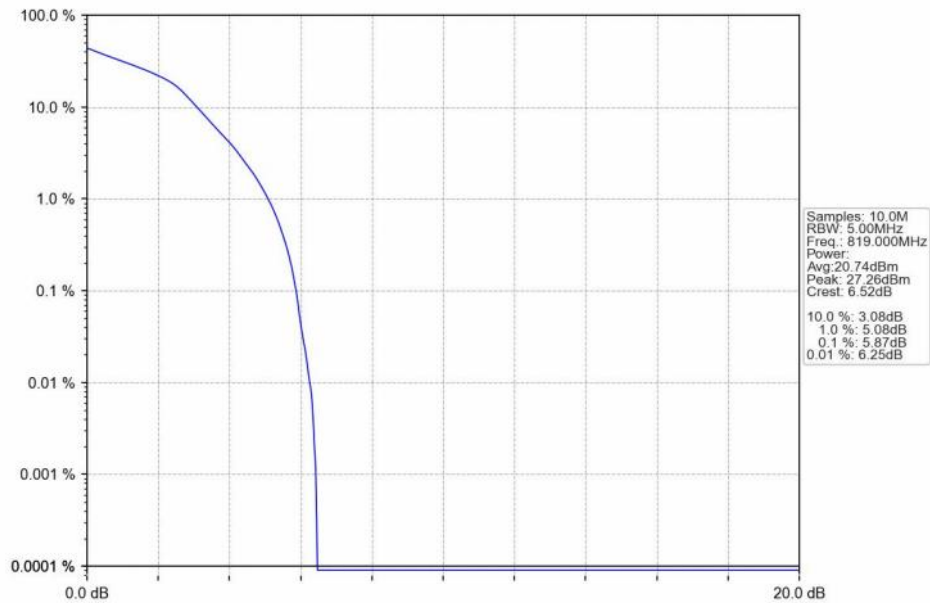
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



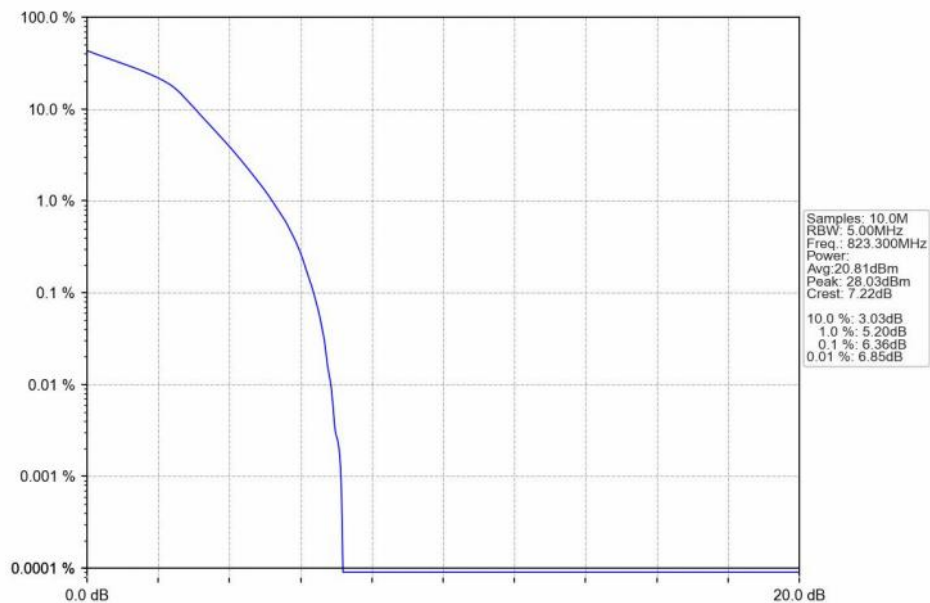
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



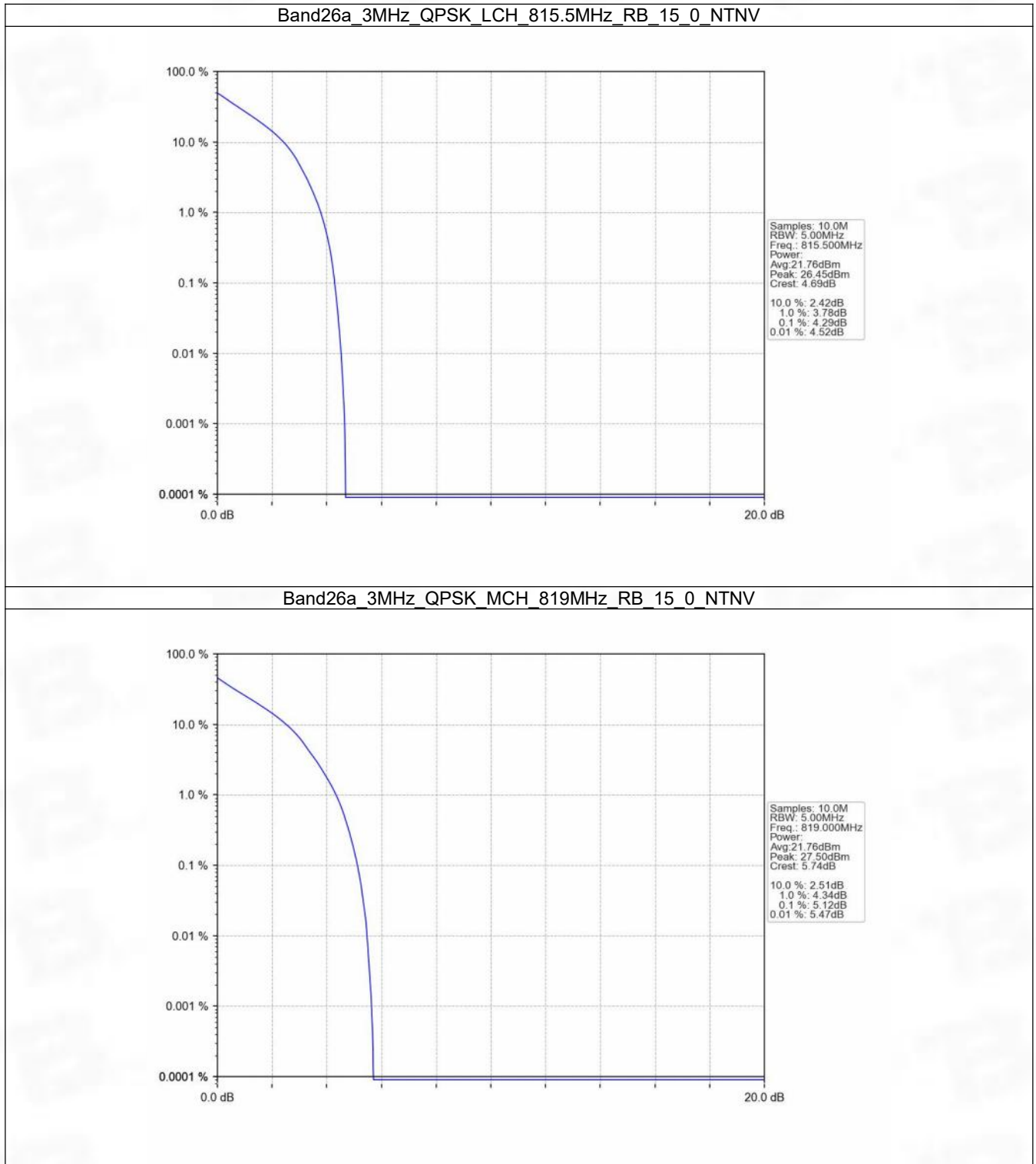
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



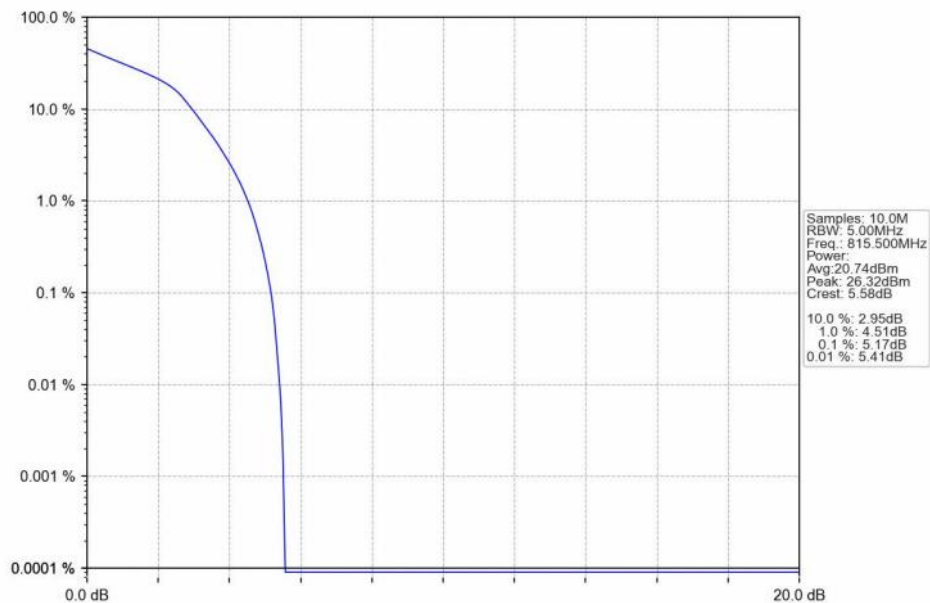
5.2.2 B26a_3MHz



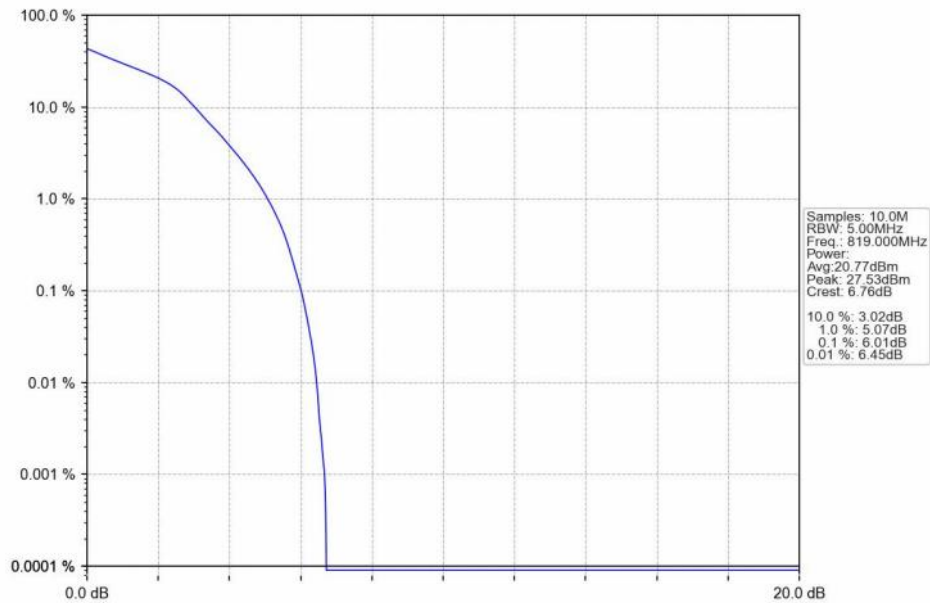
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



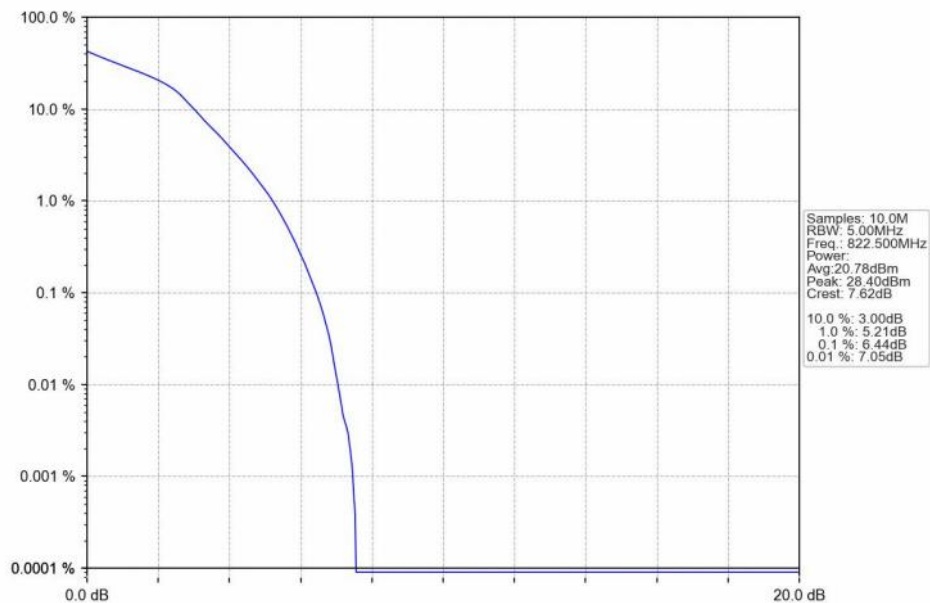
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



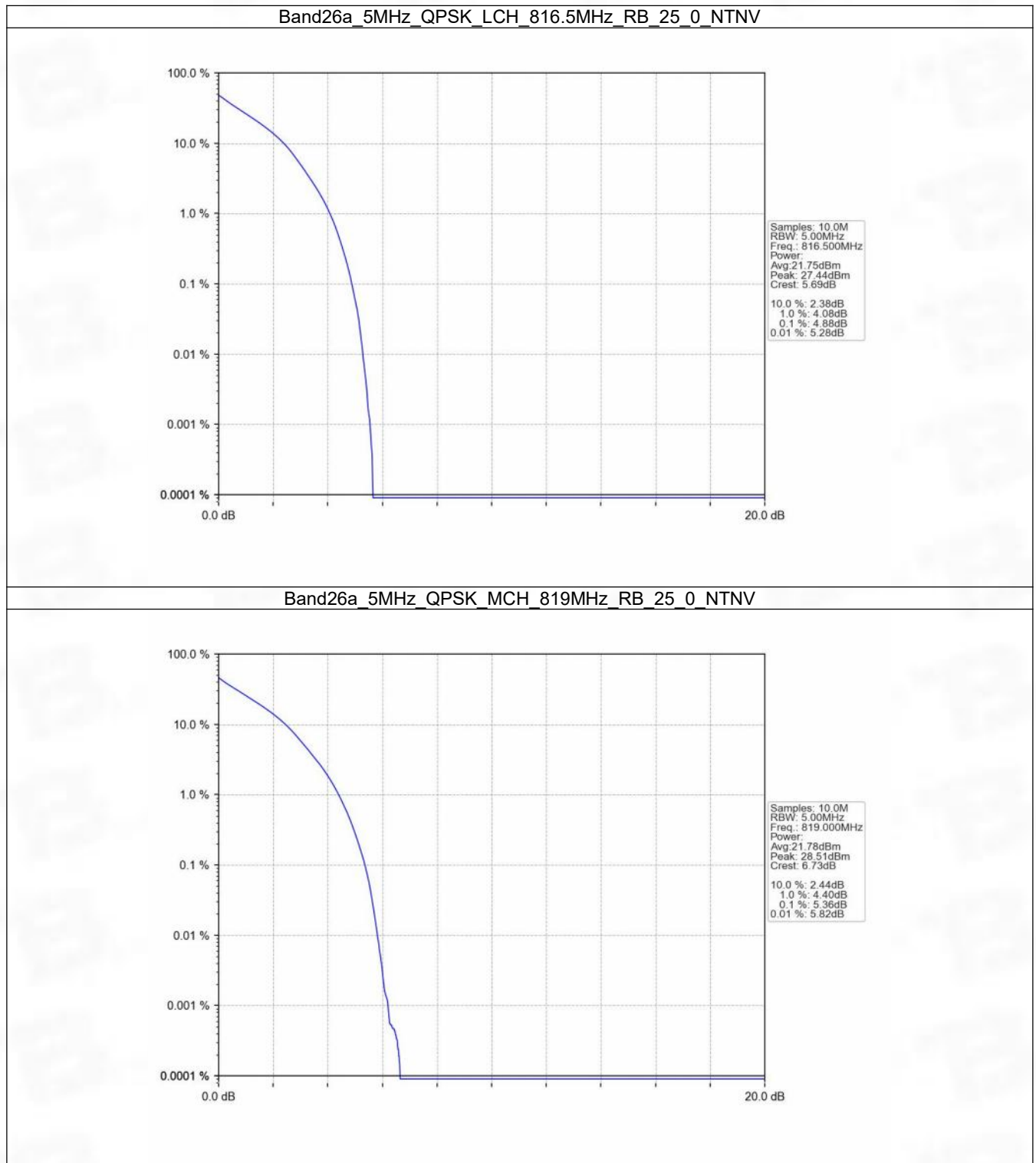
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



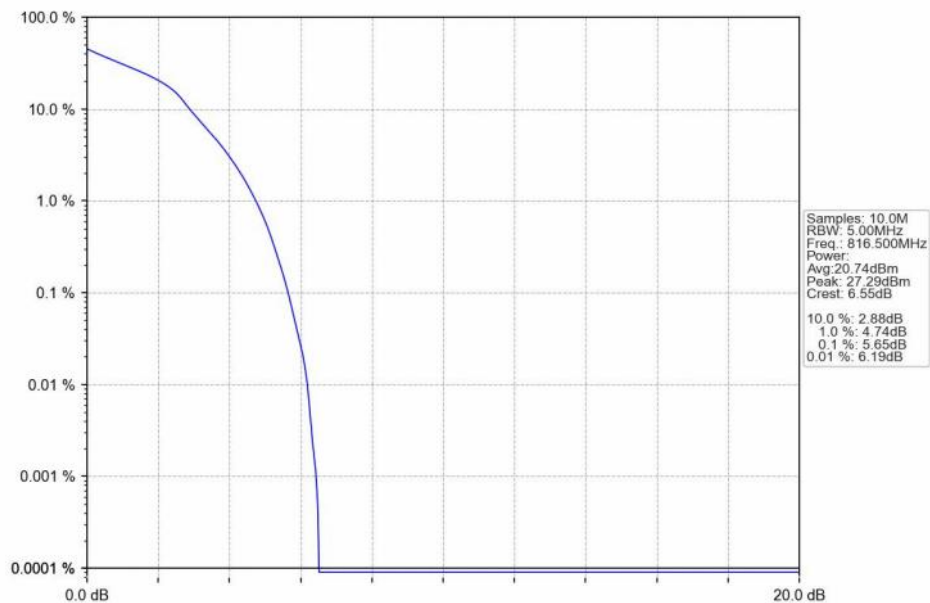
5.2.3 B26a_5MHz



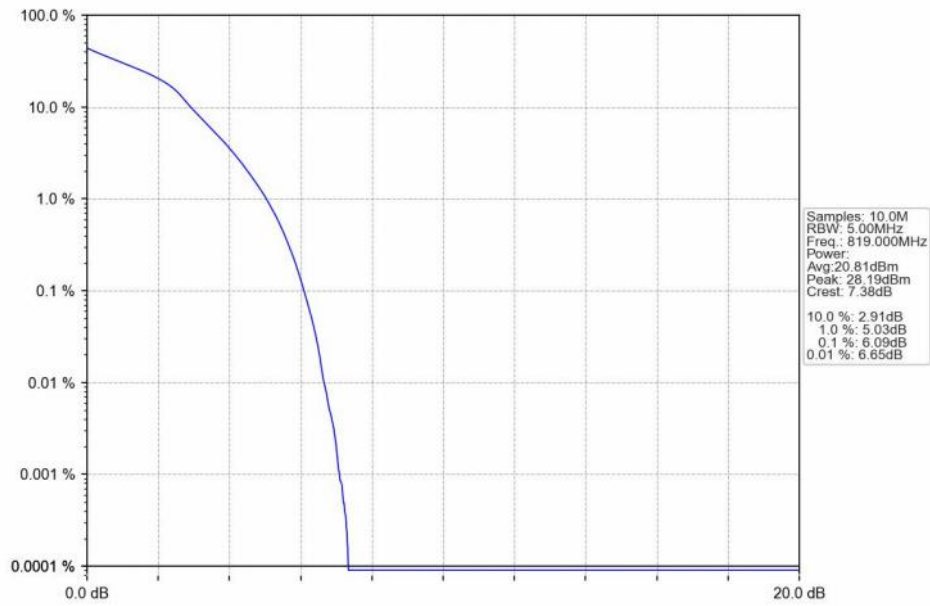
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



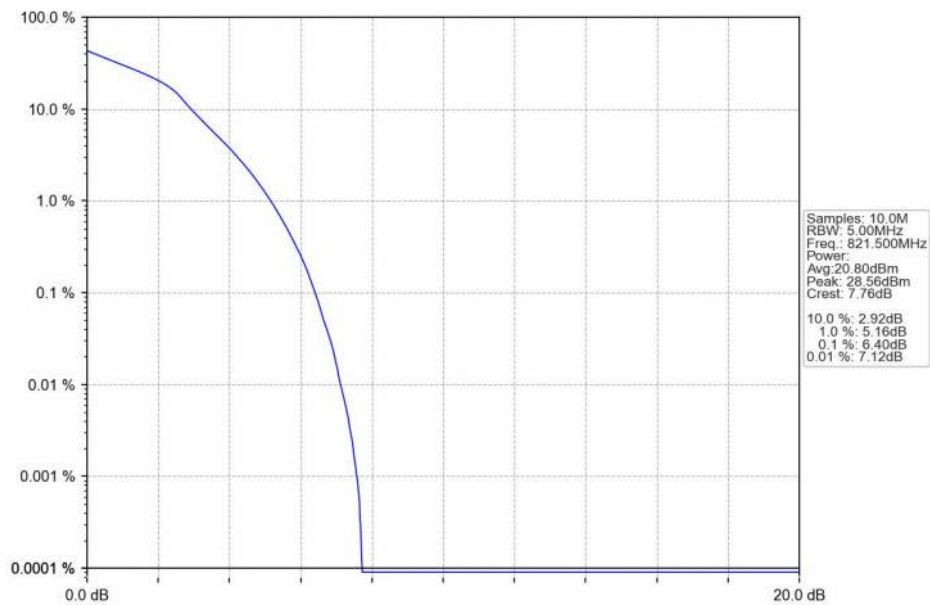
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



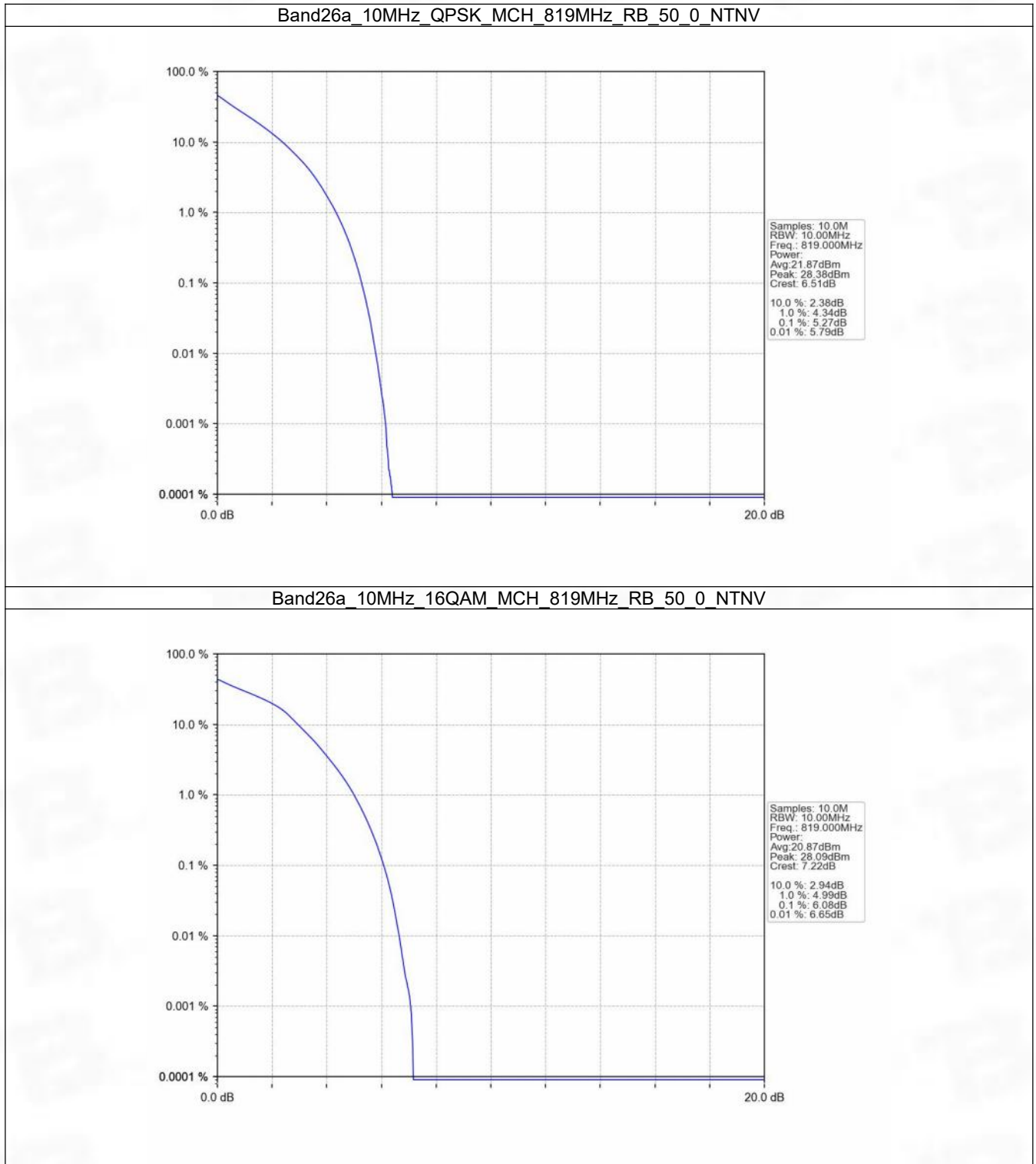
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



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

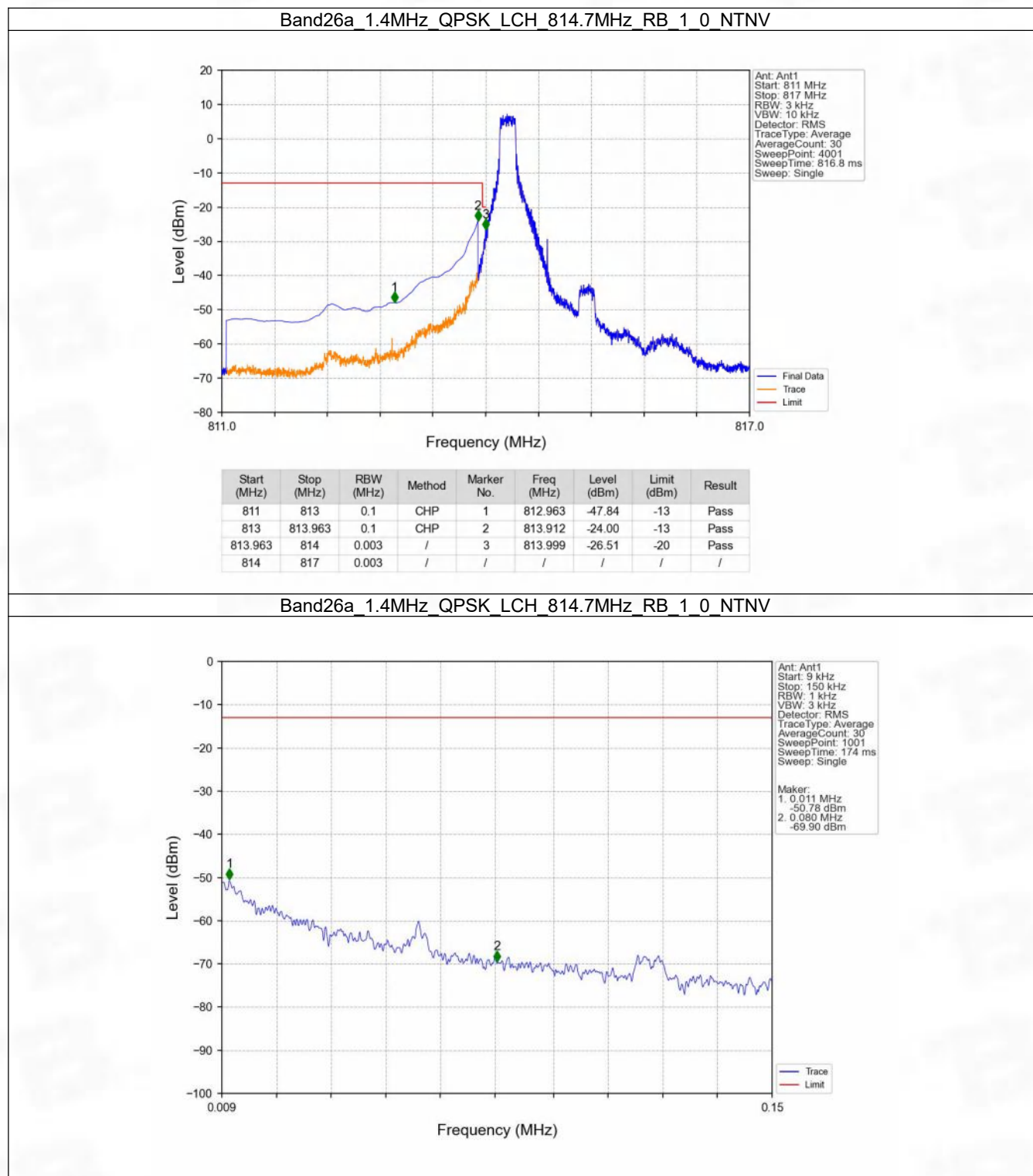
		25	0	Refer To Test Graph	Pass
	819	1	0	Refer To Test Graph	Pass
	821.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B26a_10MHz

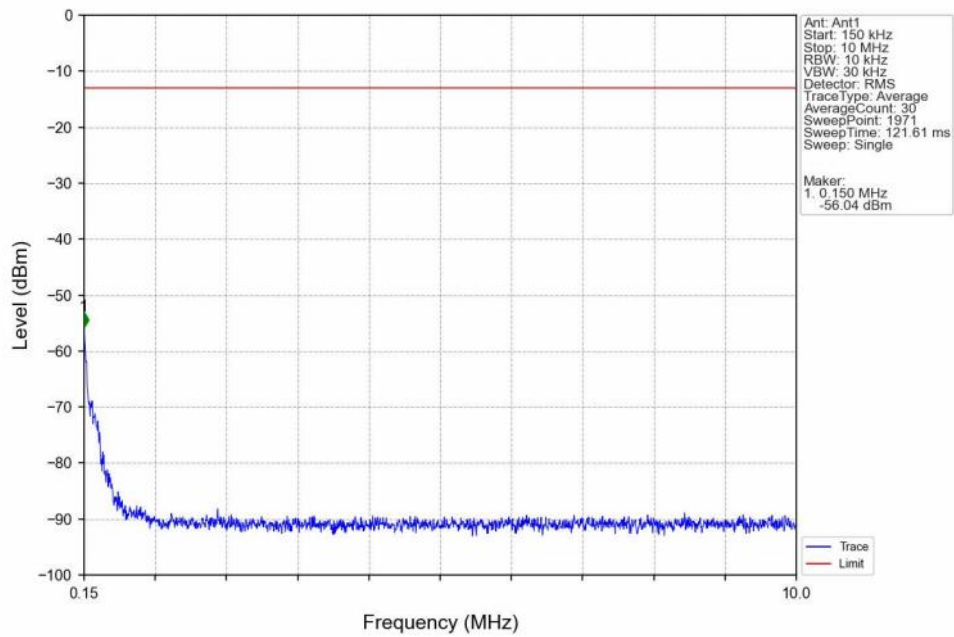
Band: 26a / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	819	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	819	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	819	1	0	Refer To Test Graph	Pass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

