

Appendix - LTE_band_26b

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26b_1.4MHz_ERP

Band: 26b / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	19.60	0.68	18.13	<=38.45	Pass
			2	19.72	0.68	18.25	<=38.45	Pass
			5	19.79	0.68	18.32	<=38.45	Pass
		3	0	19.81	0.68	18.34	<=38.45	Pass
			2	19.70	0.68	18.23	<=38.45	Pass
			3	19.80	0.68	18.33	<=38.45	Pass
		6	0	18.79	0.68	17.32	<=38.45	Pass
	836.5	1	0	19.48	0.68	18.01	<=38.45	Pass
			2	19.97	0.68	18.50	<=38.45	Pass
			5	20.00	0.68	18.53	<=38.45	Pass
		3	0	19.87	0.68	18.40	<=38.45	Pass
			2	19.88	0.68	18.41	<=38.45	Pass
			3	19.82	0.68	18.35	<=38.45	Pass
		6	0	18.97	0.68	17.50	<=38.45	Pass
	848.3	1	0	19.89	0.68	18.42	<=38.45	Pass
			2	19.97	0.68	18.50	<=38.45	Pass
			5	19.96	0.68	18.49	<=38.45	Pass
		3	0	19.96	0.68	18.49	<=38.45	Pass
			2	19.94	0.68	18.47	<=38.45	Pass
			3	19.94	0.68	18.47	<=38.45	Pass
		6	0	18.99	0.68	17.52	<=38.45	Pass
16QAM	824.7	1	0	18.84	0.68	17.37	<=38.45	Pass
			2	18.75	0.68	17.28	<=38.45	Pass
			5	18.85	0.68	17.38	<=38.45	Pass
		3	0	18.58	0.68	17.11	<=38.45	Pass
			2	18.58	0.68	17.11	<=38.45	Pass
			3	18.55	0.68	17.08	<=38.45	Pass
		6	0	17.14	0.68	15.67	<=38.45	Pass
	836.5	1	0	18.95	0.68	17.48	<=38.45	Pass
			2	19.46	0.68	17.99	<=38.45	Pass
			5	19.48	0.68	18.01	<=38.45	Pass
		3	0	18.90	0.68	17.43	<=38.45	Pass
			2	18.93	0.68	17.46	<=38.45	Pass
			3	18.89	0.68	17.42	<=38.45	Pass
		6	0	17.64	0.68	16.17	<=38.45	Pass
	848.3	1	0	18.93	0.68	17.46	<=38.45	Pass
			2	18.91	0.68	17.44	<=38.45	Pass
			5	18.99	0.68	17.52	<=38.45	Pass
		3	0	18.62	0.68	17.15	<=38.45	Pass
			2	18.59	0.68	17.12	<=38.45	Pass
			3	18.56	0.68	17.09	<=38.45	Pass
		6	0	17.44	0.68	15.97	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B26b_3MHz_ERP

Band: 26b / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	19.63	0.68	18.16	<=38.45	Pass
			7	19.69	0.68	18.22	<=38.45	Pass
			14	19.26	0.68	17.79	<=38.45	Pass
		8	0	18.77	0.68	17.30	<=38.45	Pass
			4	18.77	0.68	17.30	<=38.45	Pass
			7	18.34	0.68	16.87	<=38.45	Pass
		15	0	18.81	0.68	17.34	<=38.45	Pass
	836.5	1	0	19.53	0.68	18.06	<=38.45	Pass
			7	19.98	0.68	18.51	<=38.45	Pass
			14	20.02	0.68	18.55	<=38.45	Pass
		8	0	18.44	0.68	16.97	<=38.45	Pass
			4	18.84	0.68	17.37	<=38.45	Pass
			7	18.96	0.68	17.49	<=38.45	Pass
		15	0	18.92	0.68	17.45	<=38.45	Pass
	847.5	1	0	19.85	0.68	18.38	<=38.45	Pass
			7	19.88	0.68	18.41	<=38.45	Pass
			14	19.89	0.68	18.42	<=38.45	Pass
		8	0	19.02	0.68	17.55	<=38.45	Pass
			4	18.96	0.68	17.49	<=38.45	Pass
			7	18.94	0.68	17.47	<=38.45	Pass
		15	0	18.91	0.68	17.44	<=38.45	Pass
16QAM	825.5	1	0	18.93	0.68	17.46	<=38.45	Pass
			7	18.91	0.68	17.44	<=38.45	Pass
			14	18.61	0.68	17.14	<=38.45	Pass
		8	0	17.83	0.68	16.36	<=38.45	Pass
			4	17.65	0.68	16.18	<=38.45	Pass
			7	17.61	0.68	16.14	<=38.45	Pass
		15	0	17.34	0.68	15.87	<=38.45	Pass
	836.5	1	0	18.88	0.68	17.41	<=38.45	Pass
			7	19.47	0.68	18.00	<=38.45	Pass
			14	19.48	0.68	18.01	<=38.45	Pass
		8	0	18.18	0.68	16.71	<=38.45	Pass
			4	17.65	0.68	16.18	<=38.45	Pass
			7	17.63	0.68	16.16	<=38.45	Pass
		15	0	17.55	0.68	16.08	<=38.45	Pass
	847.5	1	0	19.54	0.68	18.07	<=38.45	Pass
			7	19.56	0.68	18.09	<=38.45	Pass
			14	19.55	0.68	18.08	<=38.45	Pass
		8	0	18.09	0.68	16.62	<=38.45	Pass
			4	18.06	0.68	16.59	<=38.45	Pass
			7	18.05	0.68	16.58	<=38.45	Pass
		15	0	17.93	0.68	16.46	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B26b_5MHz_ERP

Band: 26b / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	19.76	0.68	18.29	<=38.45	Pass
			13	19.33	0.68	17.86	<=38.45	Pass
			24	19.70	0.68	18.23	<=38.45	Pass

16QAM	836.5	12	0	18.83	0.68	17.36	<=38.45	Pass
			6	18.29	0.68	16.82	<=38.45	Pass
			13	18.57	0.68	17.10	<=38.45	Pass
		25	0	18.50	0.68	17.03	<=38.45	Pass
			0	19.35	0.68	17.88	<=38.45	Pass
			13	19.85	0.68	18.38	<=38.45	Pass
			24	19.90	0.68	18.43	<=38.45	Pass
		12	0	18.39	0.68	16.92	<=38.45	Pass
			6	18.93	0.68	17.46	<=38.45	Pass
			13	18.93	0.68	17.46	<=38.45	Pass
		25	0	18.89	0.68	17.42	<=38.45	Pass
			0	19.49	0.68	18.02	<=38.45	Pass
			13	19.90	0.68	18.43	<=38.45	Pass
	846.5	1	24	19.85	0.68	18.38	<=38.45	Pass
			0	18.49	0.68	17.02	<=38.45	Pass
			6	19.02	0.68	17.55	<=38.45	Pass
		12	13	18.92	0.68	17.45	<=38.45	Pass
			0	18.97	0.68	17.50	<=38.45	Pass
			0	19.32	0.68	17.85	<=38.45	Pass
		1	13	18.83	0.68	17.36	<=38.45	Pass
			24	19.24	0.68	17.77	<=38.45	Pass
			0	18.68	0.68	17.21	<=38.45	Pass
16QAM	826.5	12	6	17.70	0.68	16.23	<=38.45	Pass
			13	17.14	0.68	15.67	<=38.45	Pass
			0	16.97	0.68	15.50	<=38.45	Pass
		25	0	18.62	0.68	17.15	<=38.45	Pass
			13	19.28	0.68	17.81	<=38.45	Pass
			24	19.31	0.68	17.84	<=38.45	Pass
	836.5	12	0	18.04	0.68	16.57	<=38.45	Pass
			6	17.83	0.68	16.36	<=38.45	Pass
			13	17.73	0.68	16.26	<=38.45	Pass
		25	0	17.64	0.68	16.17	<=38.45	Pass
			0	18.08	0.68	16.61	<=38.45	Pass
			13	18.49	0.68	17.02	<=38.45	Pass
		1	24	18.46	0.68	16.99	<=38.45	Pass
			0	17.73	0.68	16.26	<=38.45	Pass
			6	17.93	0.68	16.46	<=38.45	Pass
	846.5	12	13	17.86	0.68	16.39	<=38.45	Pass
			0	17.85	0.68	16.38	<=38.45	Pass
			0					

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B26b_10MHz_ERP

Band: 26b / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	19.75	0.68	18.28	<=38.45	Pass
			25	19.75	0.68	18.28	<=38.45	Pass
			49	19.81	0.68	18.34	<=38.45	Pass
		25	0	18.59	0.68	17.12	<=38.45	Pass
			13	18.78	0.68	17.31	<=38.45	Pass
			25	18.77	0.68	17.30	<=38.45	Pass
	836.5	50	0	18.76	0.68	17.29	<=38.45	Pass
			0	19.78	0.68	18.31	<=38.45	Pass
			25	19.80	0.68	18.33	<=38.45	Pass
		1	49	19.89	0.68	18.42	<=38.45	Pass
			0	18.11	0.68	16.64	<=38.45	Pass
			13	18.93	0.68	17.46	<=38.45	Pass

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Version: 1/00

16QAM	844	50	25	18.92	0.68	17.45	<=38.45	Pass
			0	18.93	0.68	17.46	<=38.45	Pass
		1	0	19.92	0.68	18.45	<=38.45	Pass
			25	19.42	0.68	17.95	<=38.45	Pass
			49	19.94	0.68	18.47	<=38.45	Pass
		25	0	18.95	0.68	17.48	<=38.45	Pass
			13	18.40	0.68	16.93	<=38.45	Pass
			25	19.06	0.68	17.59	<=38.45	Pass
		50	0	18.35	0.68	16.88	<=38.45	Pass
	829	1	0	18.78	0.68	17.31	<=38.45	Pass
			25	18.79	0.68	17.32	<=38.45	Pass
			49	18.82	0.68	17.35	<=38.45	Pass
		25	0	17.92	0.68	16.45	<=38.45	Pass
			13	17.67	0.68	16.20	<=38.45	Pass
			25	17.77	0.68	16.30	<=38.45	Pass
		50	0	17.73	0.68	16.26	<=38.45	Pass
	836.5	1	0	19.92	0.68	18.45	<=38.45	Pass
			25	19.97	0.68	18.50	<=38.45	Pass
			49	20.05	0.68	18.58	<=38.45	Pass
		25	0	18.26	0.68	16.79	<=38.45	Pass
			13	17.76	0.68	16.29	<=38.45	Pass
			25	17.93	0.68	16.46	<=38.45	Pass
		50	0	17.73	0.68	16.26	<=38.45	Pass
	844	1	0	19.80	0.68	18.33	<=38.45	Pass
			25	19.38	0.68	17.91	<=38.45	Pass
			49	19.87	0.68	18.40	<=38.45	Pass
		25	0	18.37	0.68	16.90	<=38.45	Pass
			13	17.16	0.68	15.69	<=38.45	Pass
			25	17.16	0.68	15.69	<=38.45	Pass
		50	0	17.28	0.68	15.81	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.5 B26b_15MHz_ERP

Band: 26b / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	831.5	1	0	19.61	0.68	18.14	<=38.45	Pass
			38	19.73	0.68	18.26	<=38.45	Pass
			74	19.74	0.68	18.27	<=38.45	Pass
		36	0	18.78	0.68	17.31	<=38.45	Pass
			18	18.83	0.68	17.36	<=38.45	Pass
			39	18.11	0.68	16.64	<=38.45	Pass
		75	0	18.86	0.68	17.39	<=38.45	Pass
	836.5	1	0	19.73	0.68	18.26	<=38.45	Pass
			38	19.88	0.68	18.41	<=38.45	Pass
			74	19.38	0.68	17.91	<=38.45	Pass
		36	0	18.86	0.68	17.39	<=38.45	Pass
			18	18.96	0.68	17.49	<=38.45	Pass
			39	18.99	0.68	17.52	<=38.45	Pass
		75	0	18.93	0.68	17.46	<=38.45	Pass
	841.5	1	0	19.25	0.68	17.78	<=38.45	Pass
			38	19.78	0.68	18.31	<=38.45	Pass
			74	19.81	0.68	18.34	<=38.45	Pass
		36	0	18.91	0.68	17.44	<=38.45	Pass
			18	18.95	0.68	17.48	<=38.45	Pass
			39	18.52	0.68	17.05	<=38.45	Pass
		75	0	18.87	0.68	17.40	<=38.45	Pass

16QAM	831.5	1	0	19.33	0.68	17.86	<=38.45	Pass
			38	19.40	0.68	17.93	<=38.45	Pass
			74	19.47	0.68	18.00	<=38.45	Pass
		36	0	18.07	0.68	16.60	<=38.45	Pass
			18	17.75	0.68	16.28	<=38.45	Pass
			39	17.92	0.68	16.45	<=38.45	Pass
		75	0	17.80	0.68	16.33	<=38.45	Pass
	836.5	1	0	19.89	0.68	18.42	<=38.45	Pass
			38	19.96	0.68	18.49	<=38.45	Pass
			74	19.71	0.68	18.24	<=38.45	Pass
		36	0	18.74	0.68	17.27	<=38.45	Pass
			18	17.69	0.68	16.22	<=38.45	Pass
			39	17.63	0.68	16.16	<=38.45	Pass
		75	0	17.59	0.68	16.12	<=38.45	Pass
	841.5	1	0	18.92	0.68	17.45	<=38.45	Pass
			38	19.49	0.68	18.02	<=38.45	Pass
			74	19.60	0.68	18.13	<=38.45	Pass
		36	0	18.69	0.68	17.22	<=38.45	Pass
			18	17.81	0.68	16.34	<=38.45	Pass
			39	17.38	0.68	15.91	<=38.45	Pass
		75	0	17.72	0.68	16.25	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B26b_1.4MHz

Band: 26b / 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	824.7	6	0	20	3.27	-8.283	-0.0100	-2.5 to 2.5	Pass
					3.85	-19.126	-0.0232	-2.5 to 2.5	Pass
					4.43	-34.132	-0.0414	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-14.391	-0.0174	-2.5 to 2.5	Pass
				-10	3.85	-29.769	-0.0361	-2.5 to 2.5	Pass
				0	3.85	-21.086	-0.0256	-2.5 to 2.5	Pass
				10	3.85	-36.521	-0.0443	-2.5 to 2.5	Pass
				30	3.85	-40.383	-0.0490	-2.5 to 2.5	Pass
				40	3.85	-10.028	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-15.163	-0.0184	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-14.749	-0.0176	-2.5 to 2.5	Pass
					3.85	-26.879	-0.0321	-2.5 to 2.5	Pass
					4.43	-28.253	-0.0338	-2.5 to 2.5	Pass
				-30	3.85	-35.462	-0.0424	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-13.576	-0.0162	-2.5 to 2.5	Pass
				0	3.85	-23.332	-0.0279	-2.5 to 2.5	Pass
				10	3.85	12.860	0.0154	-2.5 to 2.5	Pass
				30	3.85	4.420	0.0053	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-12.846	-0.0154	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-27.723	-0.0327	-2.5 to 2.5	Pass
					3.85	-31.514	-0.0371	-2.5 to 2.5	Pass

16QAM	824.7	6	0		4.43	-1.245	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-13.089	-0.0154	-2.5 to 2.5	Pass
				-20	3.85	-16.980	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-17.438	-0.0206	-2.5 to 2.5	Pass
				0	3.85	-18.382	-0.0217	-2.5 to 2.5	Pass
				10	3.85	-12.088	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-10.772	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-26.593	-0.0313	-2.5 to 2.5	Pass
				50	3.85	0.830	0.0010	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-26.007	-0.0315	-2.5 to 2.5	Pass
					3.85	-34.876	-0.0423	-2.5 to 2.5	Pass
					4.43	-41.957	-0.0509	-2.5 to 2.5	Pass
				-30	3.85	1.502	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.545	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-29.740	-0.0361	-2.5 to 2.5	Pass
				0	3.85	-20.099	-0.0244	-2.5 to 2.5	Pass
				10	3.85	-22.917	-0.0278	-2.5 to 2.5	Pass
				30	3.85	-26.679	-0.0323	-2.5 to 2.5	Pass
				40	3.85	-31.199	-0.0378	-2.5 to 2.5	Pass
				50	3.85	-36.063	-0.0437	-2.5 to 2.5	Pass
				20	3.27	-25.220	-0.0301	-2.5 to 2.5	Pass
					3.85	-33.660	-0.0402	-2.5 to 2.5	Pass
					4.43	-41.585	-0.0497	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-23.060	-0.0276	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				30	3.85	4.120	0.0049	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.260	0.0027	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-19.441	-0.0229	-2.5 to 2.5	Pass
					3.85	-41.070	-0.0484	-2.5 to 2.5	Pass
					4.43	-12.474	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-31.285	-0.0369	-2.5 to 2.5	Pass
				-20	3.85	-46.091	-0.0543	-2.5 to 2.5	Pass
				-10	3.85	-16.608	-0.0196	-2.5 to 2.5	Pass
				0	3.85	-48.609	-0.0573	-2.5 to 2.5	Pass
				10	3.85	-25.449	-0.0300	-2.5 to 2.5	Pass
				30	3.85	-35.191	-0.0415	-2.5 to 2.5	Pass
				40	3.85	-45.633	-0.0538	-2.5 to 2.5	Pass
				50	3.85	-10.285	-0.0121	-2.5 to 2.5	Pass

2.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-5.121	-0.0062	-2.5 to 2.5	Pass
					3.85	-13.833	-0.0168	-2.5 to 2.5	Pass
					4.43	-26.836	-0.0325	-2.5 to 2.5	Pass
				-30	3.85	-44.661	-0.0541	-2.5 to 2.5	Pass
				-20	3.85	-8.941	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	14.048	0.0170	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				10	3.85	-12.674	-0.0154	-2.5 to 2.5	Pass
				30	3.85	-42.501	-0.0515	-2.5 to 2.5	Pass
				40	3.85	-22.717	-0.0275	-2.5 to 2.5	Pass

	836.5	15	0	50	3.85	-19.598	-0.0237	-2.5 to 2.5	Pass
				20	3.27	-9.155	-0.0109	-2.5 to 2.5	Pass
					3.85	-22.287	-0.0266	-2.5 to 2.5	Pass
					4.43	-48.122	-0.0575	-2.5 to 2.5	Pass
				-30	3.85	-13.833	-0.0165	-2.5 to 2.5	Pass
				-20	3.85	-17.595	-0.0210	-2.5 to 2.5	Pass
				-10	3.85	-24.462	-0.0292	-2.5 to 2.5	Pass
				0	3.85	15.578	0.0186	-2.5 to 2.5	Pass
				10	3.85	9.885	0.0118	-2.5 to 2.5	Pass
				30	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
	847.5	15	0	40	3.85	-6.809	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-14.420	-0.0172	-2.5 to 2.5	Pass
				20	3.27	35.019	0.0413	-2.5 to 2.5	Pass
					3.85	46.134	0.0544	-2.5 to 2.5	Pass
					4.43	31.343	0.0370	-2.5 to 2.5	Pass
				-30	3.85	32.001	0.0378	-2.5 to 2.5	Pass
				-20	3.85	8.755	0.0103	-2.5 to 2.5	Pass
				-10	3.85	33.245	0.0392	-2.5 to 2.5	Pass
				0	3.85	41.156	0.0486	-2.5 to 2.5	Pass
				10	3.85	6.123	0.0072	-2.5 to 2.5	Pass
16QAM	825.5	15	0	30	3.85	25.721	0.0303	-2.5 to 2.5	Pass
				40	3.85	40.841	0.0482	-2.5 to 2.5	Pass
				50	3.85	11.859	0.0140	-2.5 to 2.5	Pass
				20	3.27	3.247	0.0039	-2.5 to 2.5	Pass
					3.85	-2.546	-0.0031	-2.5 to 2.5	Pass
					4.43	-9.785	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-32.058	-0.0388	-2.5 to 2.5	Pass
				-20	3.85	-36.607	-0.0443	-2.5 to 2.5	Pass
				-10	3.85	-37.251	-0.0451	-2.5 to 2.5	Pass
				0	3.85	-39.668	-0.0481	-2.5 to 2.5	Pass
	836.5	15	0	10	3.85	-41.785	-0.0506	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-5.279	-0.0064	-2.5 to 2.5	Pass
				20	3.27	-19.898	-0.0238	-2.5 to 2.5	Pass
					3.85	-27.065	-0.0324	-2.5 to 2.5	Pass
					4.43	-33.774	-0.0404	-2.5 to 2.5	Pass
				-30	3.85	-36.850	-0.0441	-2.5 to 2.5	Pass
				-20	3.85	-38.967	-0.0466	-2.5 to 2.5	Pass
				-10	3.85	-43.974	-0.0526	-2.5 to 2.5	Pass
	847.5	15	0	0	3.85	-11.487	-0.0137	-2.5 to 2.5	Pass
				10	3.85	34.418	0.0411	-2.5 to 2.5	Pass
				30	3.85	40.541	0.0485	-2.5 to 2.5	Pass
				40	3.85	13.103	0.0157	-2.5 to 2.5	Pass
				50	3.85	32.787	0.0392	-2.5 to 2.5	Pass
				20	3.27	27.051	0.0319	-2.5 to 2.5	Pass
					3.85	24.204	0.0286	-2.5 to 2.5	Pass
					4.43	22.445	0.0265	-2.5 to 2.5	Pass
				-30	3.85	41.928	0.0495	-2.5 to 2.5	Pass
				-20	3.85	8.826	0.0104	-2.5 to 2.5	Pass
				-10	3.85	22.531	0.0266	-2.5 to 2.5	Pass
				0	3.85	36.120	0.0426	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				30	3.85	16.708	0.0197	-2.5 to 2.5	Pass
				40	3.85	35.977	0.0425	-2.5 to 2.5	Pass
				50	3.85	7.482	0.0088	-2.5 to 2.5	Pass

2.1.3 B26b_5MHz

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Version: 1/00

Band: 26b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-2.675	-0.0032	-2.5 to 2.5	Pass
					3.85	5.250	0.0064	-2.5 to 2.5	Pass
					4.43	17.323	0.0210	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.640	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	8.111	0.0098	-2.5 to 2.5	Pass
				10	3.85	16.122	0.0195	-2.5 to 2.5	Pass
				30	3.85	24.362	0.0295	-2.5 to 2.5	Pass
				40	3.85	29.411	0.0356	-2.5 to 2.5	Pass
				50	3.85	37.022	0.0448	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	8.326	0.0100	-2.5 to 2.5	Pass
					3.85	19.069	0.0228	-2.5 to 2.5	Pass
					4.43	25.792	0.0308	-2.5 to 2.5	Pass
				-30	3.85	18.640	0.0223	-2.5 to 2.5	Pass
				-20	3.85	15.793	0.0189	-2.5 to 2.5	Pass
				-10	3.85	14.548	0.0174	-2.5 to 2.5	Pass
				0	3.85	8.512	0.0102	-2.5 to 2.5	Pass
				10	3.85	10.986	0.0131	-2.5 to 2.5	Pass
				30	3.85	13.103	0.0157	-2.5 to 2.5	Pass
				40	3.85	17.238	0.0206	-2.5 to 2.5	Pass
				50	3.85	18.296	0.0219	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	6.323	0.0075	-2.5 to 2.5	Pass
					3.85	9.756	0.0115	-2.5 to 2.5	Pass
					4.43	24.233	0.0286	-2.5 to 2.5	Pass
				-30	3.85	25.449	0.0301	-2.5 to 2.5	Pass
				-20	3.85	21.758	0.0257	-2.5 to 2.5	Pass
				-10	3.85	-21.386	-0.0253	-2.5 to 2.5	Pass
				0	3.85	-20.800	-0.0246	-2.5 to 2.5	Pass
				10	3.85	-36.392	-0.0430	-2.5 to 2.5	Pass
				30	3.85	-33.345	-0.0394	-2.5 to 2.5	Pass
				40	3.85	-43.287	-0.0511	-2.5 to 2.5	Pass
				50	3.85	-44.231	-0.0523	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	38.753	0.0469	-2.5 to 2.5	Pass
					3.85	39.883	0.0483	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	4.063	0.0049	-2.5 to 2.5	Pass
				-20	3.85	15.821	0.0191	-2.5 to 2.5	Pass
				-10	3.85	27.580	0.0334	-2.5 to 2.5	Pass
				0	3.85	37.122	0.0449	-2.5 to 2.5	Pass
				10	3.85	5.794	0.0070	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0015	-2.5 to 2.5	Pass
				40	3.85	-18.826	-0.0228	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	20.328	0.0243	-2.5 to 2.5	Pass
					3.85	21.315	0.0255	-2.5 to 2.5	Pass
					4.43	0.844	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				-20	3.85	15.407	0.0184	-2.5 to 2.5	Pass
				-10	3.85	28.138	0.0336	-2.5 to 2.5	Pass
				0	3.85	41.099	0.0491	-2.5 to 2.5	Pass
				10	3.85	47.350	0.0566	-2.5 to 2.5	Pass
				30	3.85	5.608	0.0067	-2.5 to 2.5	Pass
				40	3.85	14.520	0.0174	-2.5 to 2.5	Pass
				50	3.85	22.244	0.0266	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-34.161	-0.0404	-2.5 to 2.5	Pass

					3.85	-21.615	-0.0255	-2.5 to 2.5	Pass
					4.43	-44.818	-0.0529	-2.5 to 2.5	Pass
				-30	3.85	-11.687	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-27.208	-0.0321	-2.5 to 2.5	Pass
				-10	3.85	-38.996	-0.0461	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				10	3.85	-12.646	-0.0149	-2.5 to 2.5	Pass
				30	3.85	-20.871	-0.0247	-2.5 to 2.5	Pass
				40	3.85	-30.913	-0.0365	-2.5 to 2.5	Pass
				50	3.85	-45.290	-0.0535	-2.5 to 2.5	Pass

2.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	0.830	0.0010	-2.5 to 2.5	Pass
					3.85	-9.484	-0.0114	-2.5 to 2.5	Pass
					4.43	-25.177	-0.0304	-2.5 to 2.5	Pass
				-30	3.85	-38.681	-0.0467	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	27.609	0.0333	-2.5 to 2.5	Pass
				0	3.85	29.526	0.0356	-2.5 to 2.5	Pass
				10	3.85	13.919	0.0168	-2.5 to 2.5	Pass
				30	3.85	16.766	0.0202	-2.5 to 2.5	Pass
				40	3.85	28.868	0.0348	-2.5 to 2.5	Pass
				50	3.85	8.469	0.0102	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	4.921	0.0059	-2.5 to 2.5	Pass
					3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
					4.43	2.375	0.0028	-2.5 to 2.5	Pass
				-30	3.85	21.930	0.0262	-2.5 to 2.5	Pass
				-20	3.85	26.650	0.0319	-2.5 to 2.5	Pass
				-10	3.85	41.800	0.0500	-2.5 to 2.5	Pass
				0	3.85	17.166	0.0205	-2.5 to 2.5	Pass
				10	3.85	31.385	0.0375	-2.5 to 2.5	Pass
				30	3.85	40.870	0.0489	-2.5 to 2.5	Pass
				40	3.85	4.950	0.0059	-2.5 to 2.5	Pass
				50	3.85	15.922	0.0190	-2.5 to 2.5	Pass
	844	50	0	20	3.27	5.450	0.0065	-2.5 to 2.5	Pass
					3.85	15.435	0.0183	-2.5 to 2.5	Pass
					4.43	20.900	0.0248	-2.5 to 2.5	Pass
				-30	3.85	26.422	0.0313	-2.5 to 2.5	Pass
				-20	3.85	18.525	0.0219	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0016	-2.5 to 2.5	Pass
				0	3.85	14.834	0.0176	-2.5 to 2.5	Pass
				10	3.85	25.320	0.0300	-2.5 to 2.5	Pass
				30	3.85	37.065	0.0439	-2.5 to 2.5	Pass
				40	3.85	44.475	0.0527	-2.5 to 2.5	Pass
				50	3.85	4.163	0.0049	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	36.035	0.0435	-2.5 to 2.5	Pass
					3.85	38.795	0.0468	-2.5 to 2.5	Pass
					4.43	39.525	0.0477	-2.5 to 2.5	Pass
				-30	3.85	40.498	0.0489	-2.5 to 2.5	Pass
				-20	3.85	29.211	0.0352	-2.5 to 2.5	Pass
				-10	3.85	21.100	0.0255	-2.5 to 2.5	Pass
				0	3.85	5.293	0.0064	-2.5 to 2.5	Pass
				10	3.85	36.979	0.0446	-2.5 to 2.5	Pass
				30	3.85	17.095	0.0206	-2.5 to 2.5	Pass

	836.5	50	0	40	3.85	40.398	0.0487	-2.5 to 2.5	Pass
				50	3.85	15.578	0.0188	-2.5 to 2.5	Pass
				20	3.27	28.467	0.0340	-2.5 to 2.5	Pass
					3.85	36.178	0.0432	-2.5 to 2.5	Pass
					4.43	3.405	0.0041	-2.5 to 2.5	Pass
				-30	3.85	-9.842	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	7.439	0.0089	-2.5 to 2.5	Pass
				-10	3.85	34.132	0.0408	-2.5 to 2.5	Pass
				0	3.85	8.597	0.0103	-2.5 to 2.5	Pass
				10	3.85	25.120	0.0300	-2.5 to 2.5	Pass
	844	50	0	30	3.85	41.628	0.0498	-2.5 to 2.5	Pass
				40	3.85	6.337	0.0076	-2.5 to 2.5	Pass
				50	3.85	21.930	0.0262	-2.5 to 2.5	Pass
				20	3.27	6.537	0.0077	-2.5 to 2.5	Pass
					3.85	10.486	0.0124	-2.5 to 2.5	Pass
					4.43	21.915	0.0260	-2.5 to 2.5	Pass
				-30	3.85	40.083	0.0475	-2.5 to 2.5	Pass
				-20	3.85	8.655	0.0103	-2.5 to 2.5	Pass
				-10	3.85	25.849	0.0306	-2.5 to 2.5	Pass
				0	3.85	12.145	0.0144	-2.5 to 2.5	Pass
				10	3.85	20.142	0.0239	-2.5 to 2.5	Pass
				30	3.85	-29.411	-0.0348	-2.5 to 2.5	Pass
				40	3.85	-28.596	-0.0339	-2.5 to 2.5	Pass
				50	3.85	-19.598	-0.0232	-2.5 to 2.5	Pass

2.1.5 B26b_15MHz

Band: 26b / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	831.5	75	0	20	3.27	-28.896	-0.0348	-2.5 to 2.5	Pass
					3.85	-29.955	-0.0360	-2.5 to 2.5	Pass
					4.43	-24.390	-0.0293	-2.5 to 2.5	Pass
				-30	3.85	-24.247	-0.0292	-2.5 to 2.5	Pass
				-20	3.85	-14.305	-0.0172	-2.5 to 2.5	Pass
				-10	3.85	-26.507	-0.0319	-2.5 to 2.5	Pass
				0	3.85	-14.749	-0.0177	-2.5 to 2.5	Pass
				10	3.85	27.552	0.0331	-2.5 to 2.5	Pass
				30	3.85	24.548	0.0295	-2.5 to 2.5	Pass
				40	3.85	16.294	0.0196	-2.5 to 2.5	Pass
	836.5	75	0	50	3.85	22.459	0.0270	-2.5 to 2.5	Pass
				20	3.27	2.131	0.0025	-2.5 to 2.5	Pass
					3.85	17.009	0.0203	-2.5 to 2.5	Pass
					4.43	25.992	0.0311	-2.5 to 2.5	Pass
				-30	3.85	34.590	0.0414	-2.5 to 2.5	Pass
				-20	3.85	40.326	0.0482	-2.5 to 2.5	Pass
				-10	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				0	3.85	1.817	0.0022	-2.5 to 2.5	Pass
				10	3.85	10.557	0.0126	-2.5 to 2.5	Pass
				30	3.85	-13.132	-0.0157	-2.5 to 2.5	Pass
	841.5	75	0	40	3.85	-11.487	-0.0137	-2.5 to 2.5	Pass
				50	3.85	2.317	0.0028	-2.5 to 2.5	Pass
				20	3.27	10.371	0.0123	-2.5 to 2.5	Pass
					3.85	13.118	0.0156	-2.5 to 2.5	Pass
					4.43	18.110	0.0215	-2.5 to 2.5	Pass
				-30	3.85	21.386	0.0254	-2.5 to 2.5	Pass
				-20	3.85	26.021	0.0309	-2.5 to 2.5	Pass
				-10	3.85	26.407	0.0314	-2.5 to 2.5	Pass

16QAM				0	3.85	32.158	0.0382	-2.5 to 2.5	Pass
				10	3.85	32.344	0.0384	-2.5 to 2.5	Pass
				30	3.85	36.178	0.0430	-2.5 to 2.5	Pass
				40	3.85	37.365	0.0444	-2.5 to 2.5	Pass
				50	3.85	41.413	0.0492	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	11.001	0.0132	-2.5 to 2.5	Pass
					3.85	19.498	0.0234	-2.5 to 2.5	Pass
					4.43	19.970	0.0240	-2.5 to 2.5	Pass
				-30	3.85	14.806	0.0178	-2.5 to 2.5	Pass
				-20	3.85	2.904	0.0035	-2.5 to 2.5	Pass
				-10	3.85	26.078	0.0314	-2.5 to 2.5	Pass
				0	3.85	1.559	0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0056	-2.5 to 2.5	Pass
				30	3.85	23.117	0.0278	-2.5 to 2.5	Pass
				40	3.85	10.571	0.0127	-2.5 to 2.5	Pass
				50	3.85	45.362	0.0546	-2.5 to 2.5	Pass
	836.5	75	0	20	3.27	15.335	0.0183	-2.5 to 2.5	Pass
					3.85	23.575	0.0282	-2.5 to 2.5	Pass
					4.43	37.150	0.0444	-2.5 to 2.5	Pass
				-30	3.85	10.099	0.0121	-2.5 to 2.5	Pass
				-20	3.85	24.748	0.0296	-2.5 to 2.5	Pass
				-10	3.85	38.981	0.0466	-2.5 to 2.5	Pass
				0	3.85	3.748	0.0045	-2.5 to 2.5	Pass
				10	3.85	14.949	0.0179	-2.5 to 2.5	Pass
				30	3.85	27.208	0.0325	-2.5 to 2.5	Pass
				40	3.85	37.050	0.0443	-2.5 to 2.5	Pass
				50	3.85	14.462	0.0173	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	12.960	0.0154	-2.5 to 2.5	Pass
					3.85	15.950	0.0190	-2.5 to 2.5	Pass
					4.43	-26.007	-0.0309	-2.5 to 2.5	Pass
				-30	3.85	-26.536	-0.0315	-2.5 to 2.5	Pass
				-20	3.85	-32.229	-0.0383	-2.5 to 2.5	Pass
				-10	3.85	-33.603	-0.0399	-2.5 to 2.5	Pass
				0	3.85	-24.834	-0.0295	-2.5 to 2.5	Pass
				10	3.85	-20.356	-0.0242	-2.5 to 2.5	Pass
				30	3.85	-24.691	-0.0293	-2.5 to 2.5	Pass
				40	3.85	-13.704	-0.0163	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTNV				
Modulation	Frequency	RB Allocation	Modulation Characteristics	Verdict

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Tel: +86-755-23146130

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

Version: 1/00

	(MHz)	Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B26b_10MHz

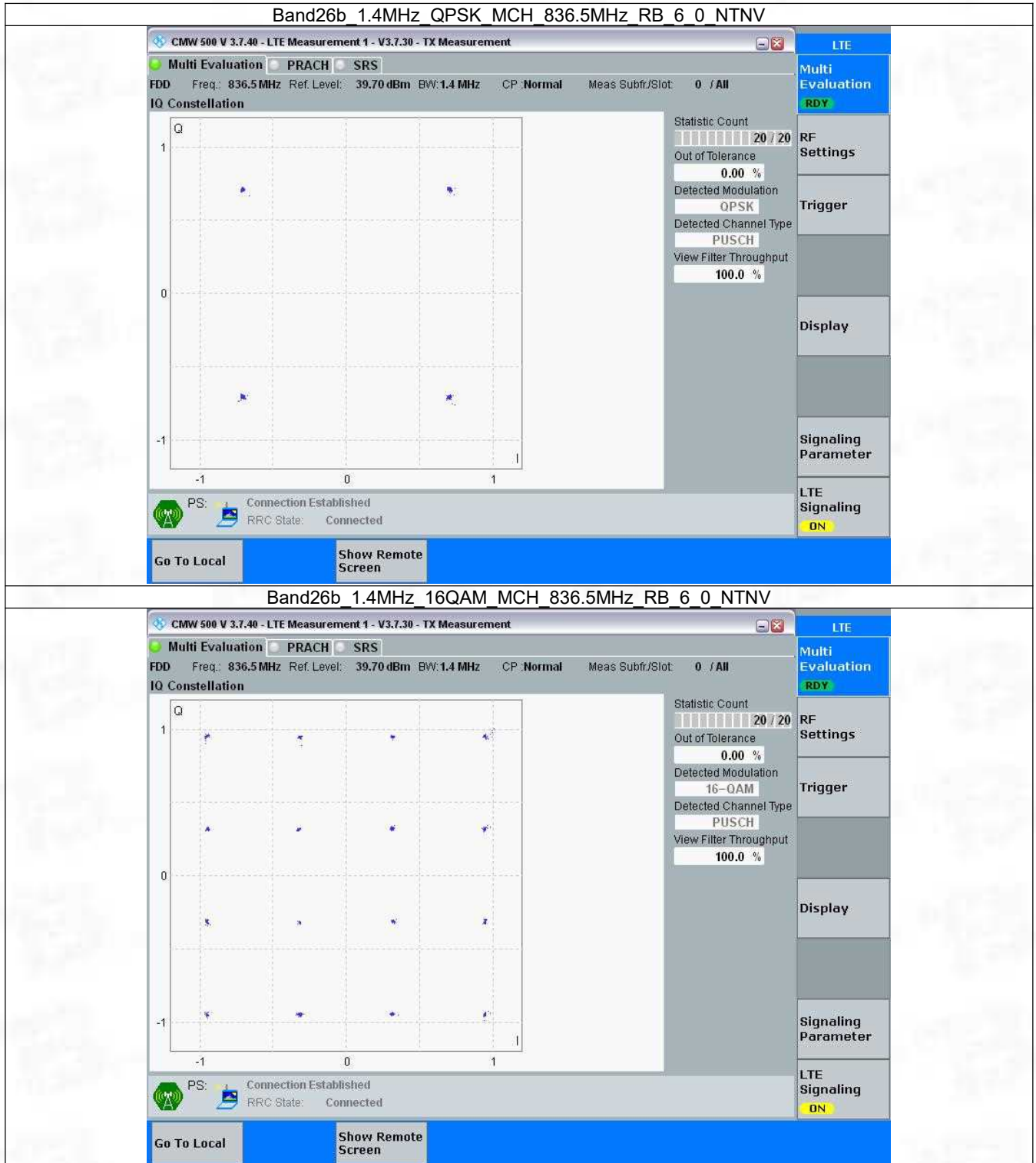
Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.1.5 B26b_15MHz

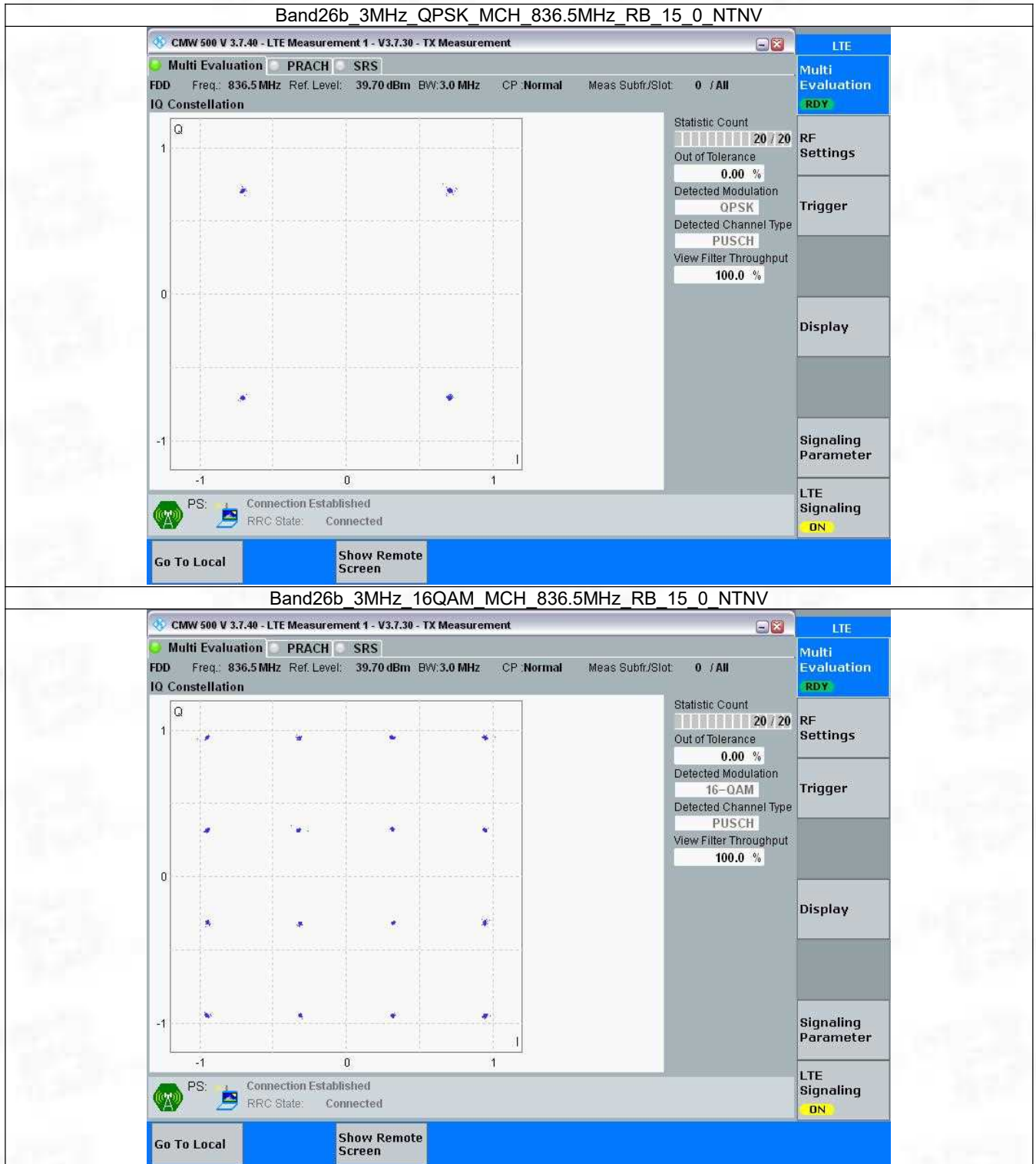
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	75	0	Refer To Test Graph		Pass
16QAM	836.5	75	0	Refer To Test Graph		Pass

3.2 Test Graph

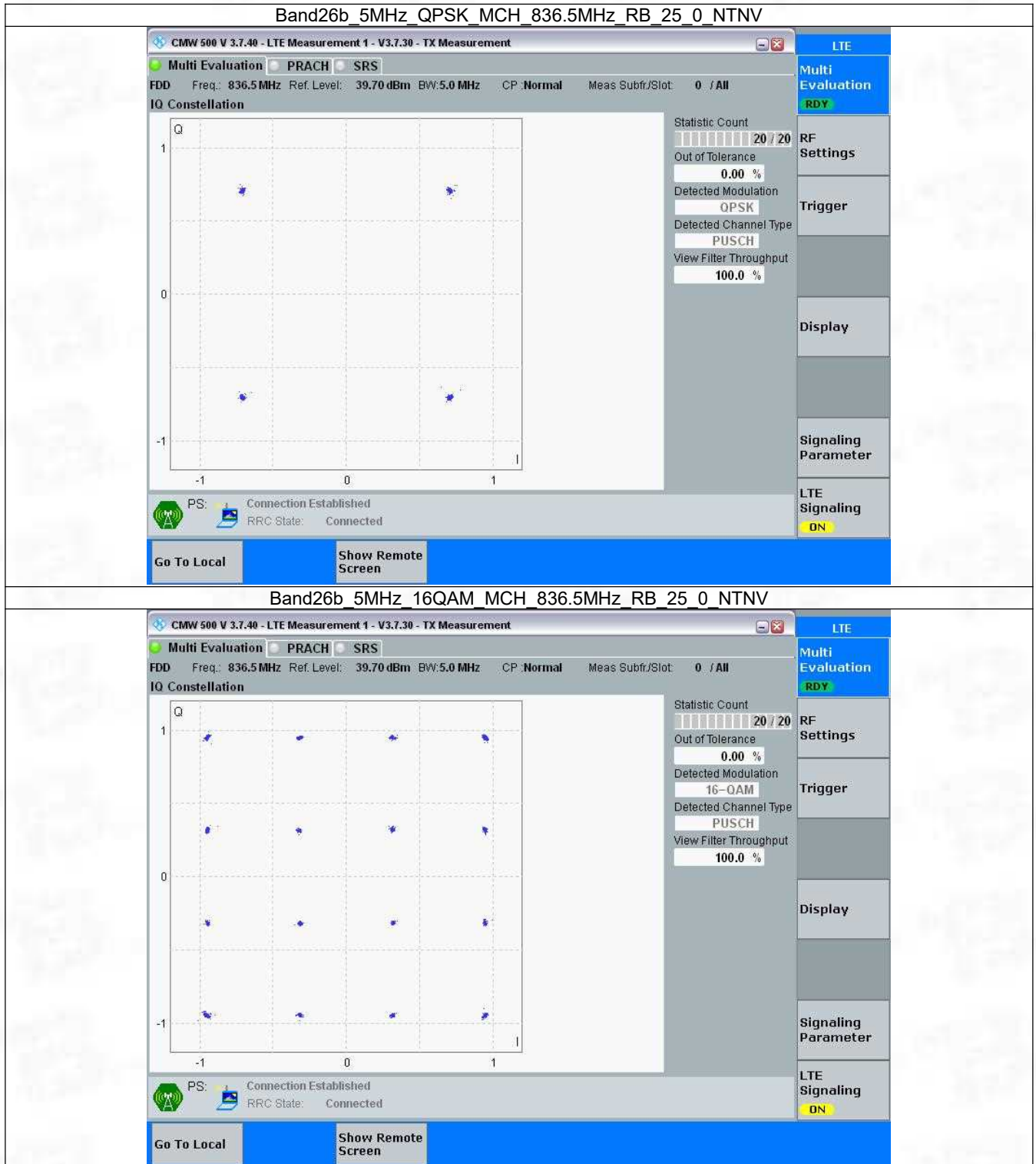
3.2.1 B26b_1.4MHz



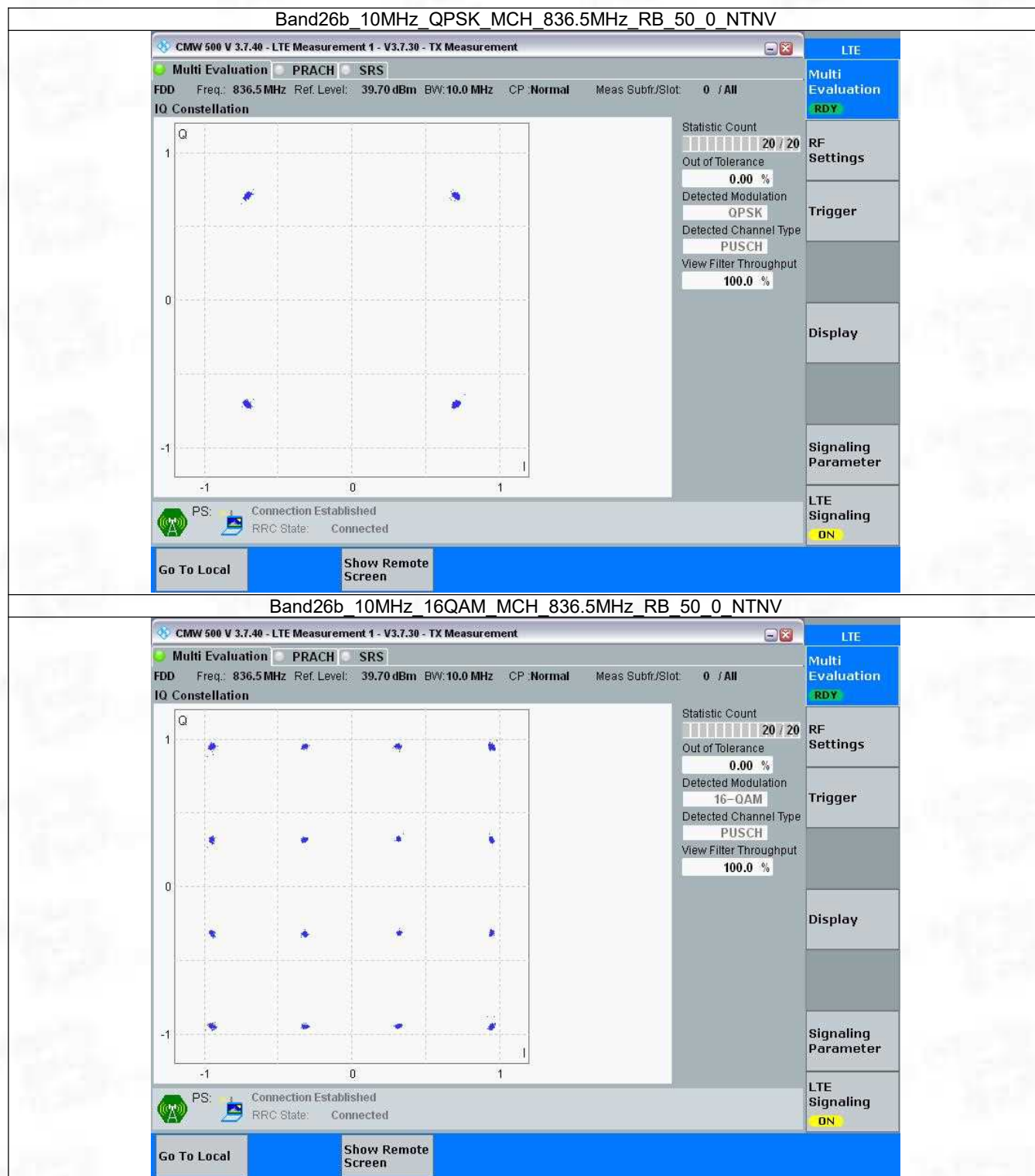
3.2.2 B26b_3MHz



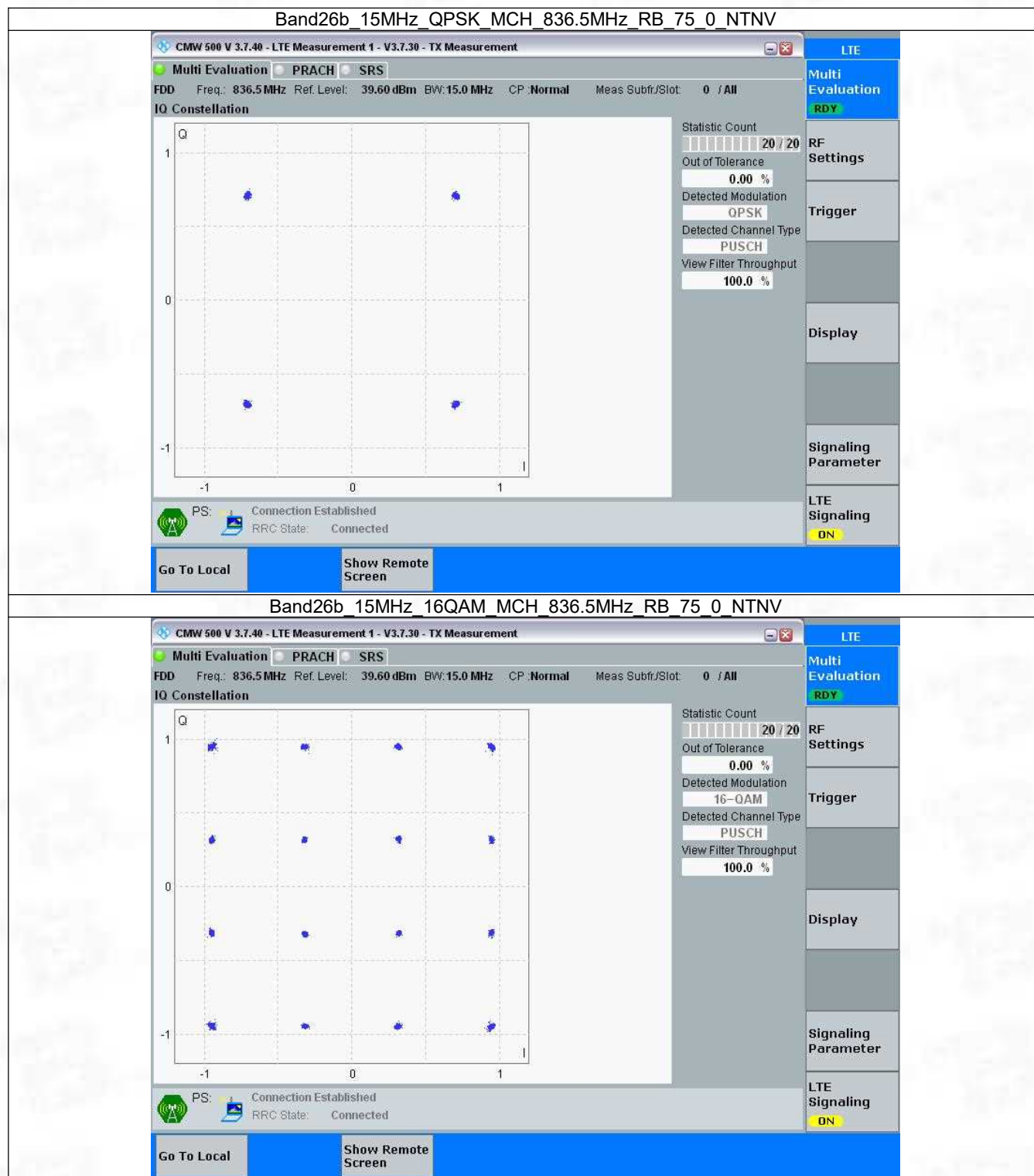
3.2.3 B26b_5MHz



3.2.4 B26b_10MHz



3.2.5 B26b_15MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band26b_OBW

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.103	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.122	/	Pass
	16QAM	824.7	6	0	1.110	/	Pass
		836.5	6	0	1.117	/	Pass
		848.3	6	0	1.115	/	Pass
3	QPSK	825.5	15	0	2.759	/	Pass
		836.5	15	0	2.745	/	Pass
		847.5	15	0	2.759	/	Pass
	16QAM	825.5	15	0	2.755	/	Pass
		836.5	15	0	2.754	/	Pass
		847.5	15	0	2.761	/	Pass
5	QPSK	826.5	25	0	4.571	/	Pass
		836.5	25	0	4.548	/	Pass
		846.5	25	0	4.545	/	Pass
	16QAM	826.5	25	0	4.556	/	Pass
		836.5	25	0	4.568	/	Pass
		846.5	25	0	4.579	/	Pass
10	QPSK	829	50	0	9.049	/	Pass
		836.5	50	0	9.067	/	Pass
		844	50	0	9.091	/	Pass
	16QAM	829	50	0	9.056	/	Pass
		836.5	50	0	9.066	/	Pass
		844	50	0	9.099	/	Pass
15	QPSK	831.5	75	0	13.620	/	Pass
		836.5	75	0	13.587	/	Pass
		841.5	75	0	13.550	/	Pass
	16QAM	831.5	75	0	13.642	/	Pass
		836.5	75	0	13.602	/	Pass
		841.5	75	0	13.629	/	Pass

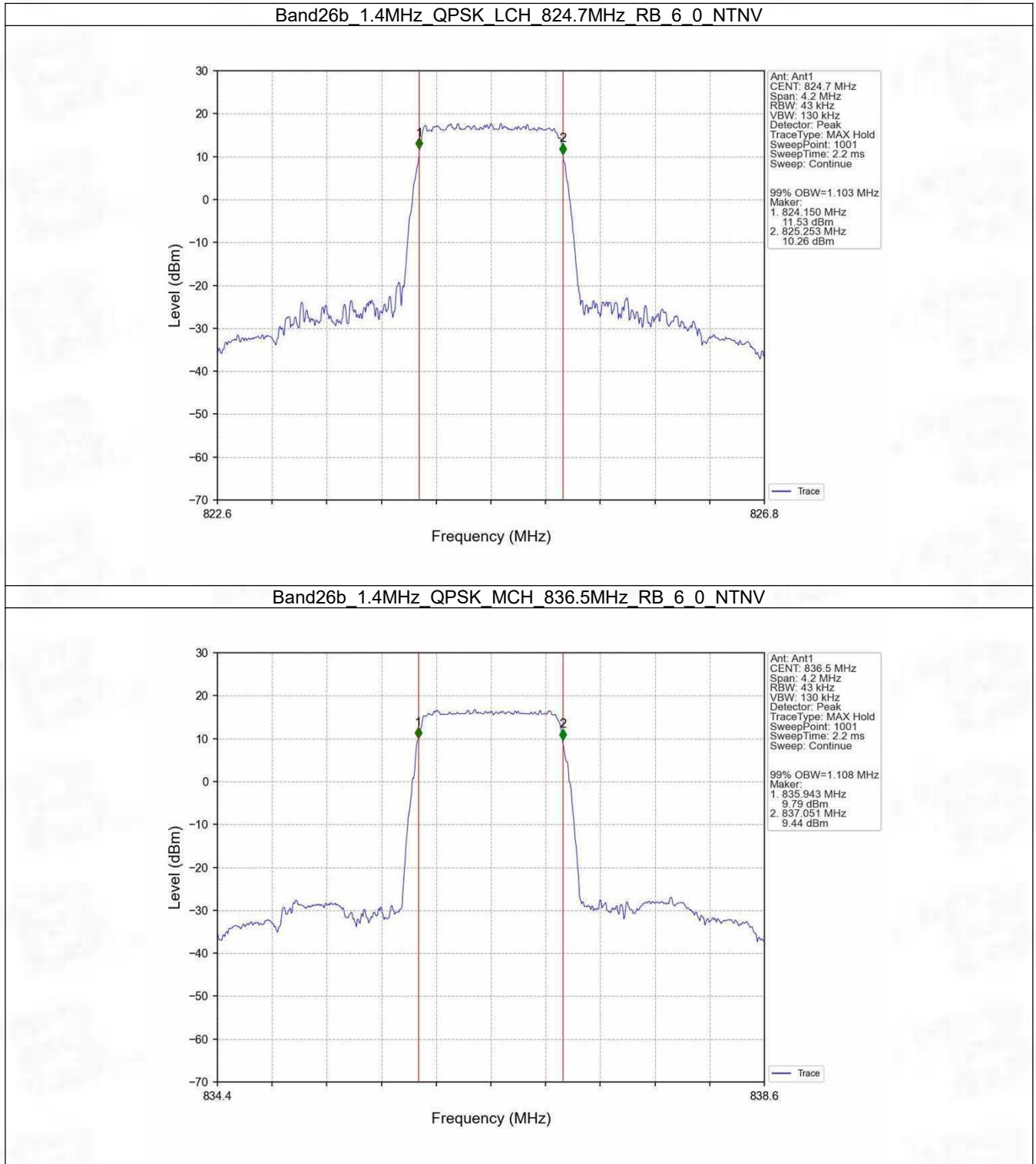
4.1.2 Band26b_XDB

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.270	/	Pass
		836.5	6	0	1.274	/	Pass
		848.3	6	0	1.272	/	Pass
	16QAM	824.7	6	0	1.267	/	Pass
		836.5	6	0	1.276	/	Pass
		848.3	6	0	1.283	/	Pass
3	QPSK	825.5	15	0	3.100	/	Pass
		836.5	15	0	3.102	/	Pass
		847.5	15	0	3.101	/	Pass

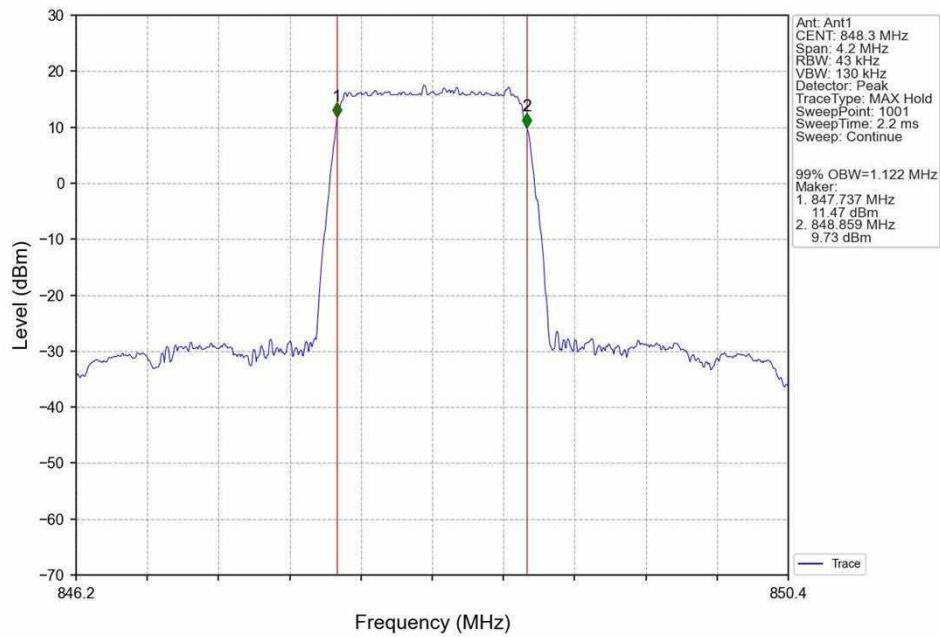
	16QAM	825.5	15	0	3.089	/	Pass
		836.5	15	0	3.068	/	Pass
		847.5	15	0	3.087	/	Pass
5	QPSK	826.5	25	0	5.063	/	Pass
		836.5	25	0	5.062	/	Pass
		846.5	25	0	5.045	/	Pass
	16QAM	826.5	25	0	5.029	/	Pass
		836.5	25	0	5.077	/	Pass
		846.5	25	0	5.073	/	Pass
10	QPSK	829	50	0	10.051	/	Pass
		836.5	50	0	10.070	/	Pass
		844	50	0	10.045	/	Pass
	16QAM	829	50	0	10.025	/	Pass
		836.5	50	0	10.055	/	Pass
		844	50	0	10.044	/	Pass
15	QPSK	831.5	75	0	15.197	/	Pass
		836.5	75	0	15.214	/	Pass
		841.5	75	0	15.091	/	Pass
	16QAM	831.5	75	0	15.225	/	Pass
		836.5	75	0	15.219	/	Pass
		841.5	75	0	15.161	/	Pass

4.2 Test Graph

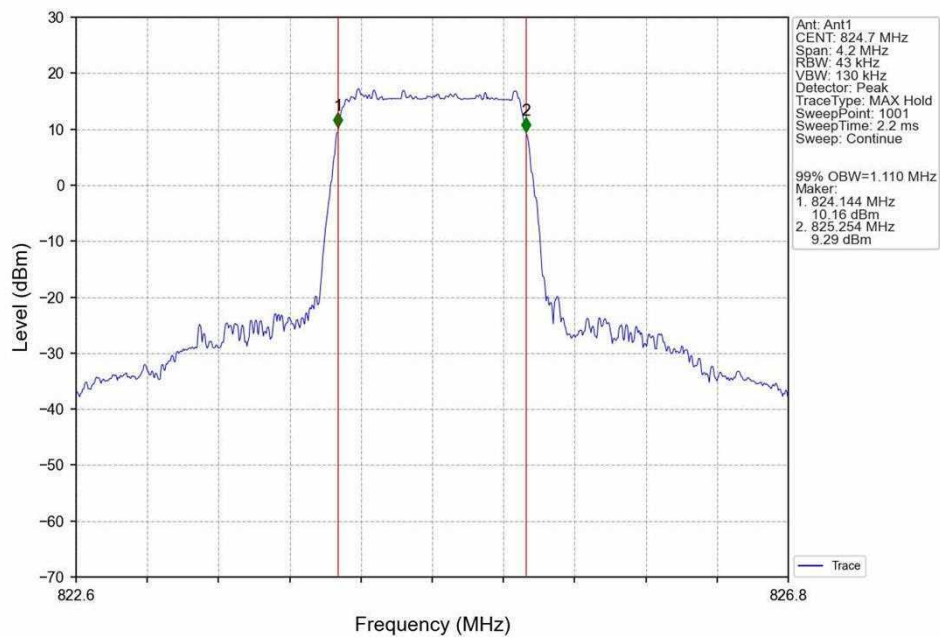
4.2.1 Band26b_OBW



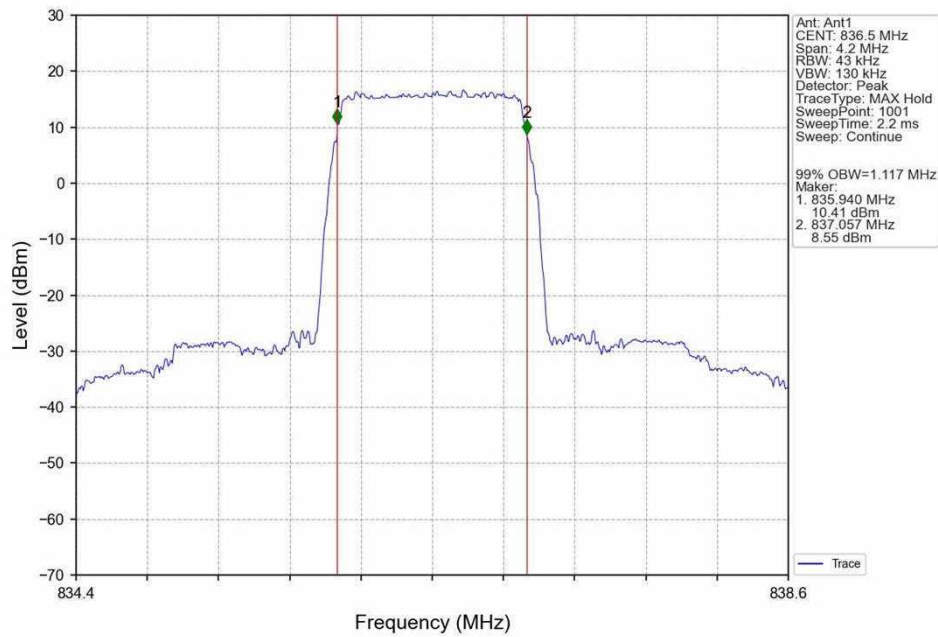
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



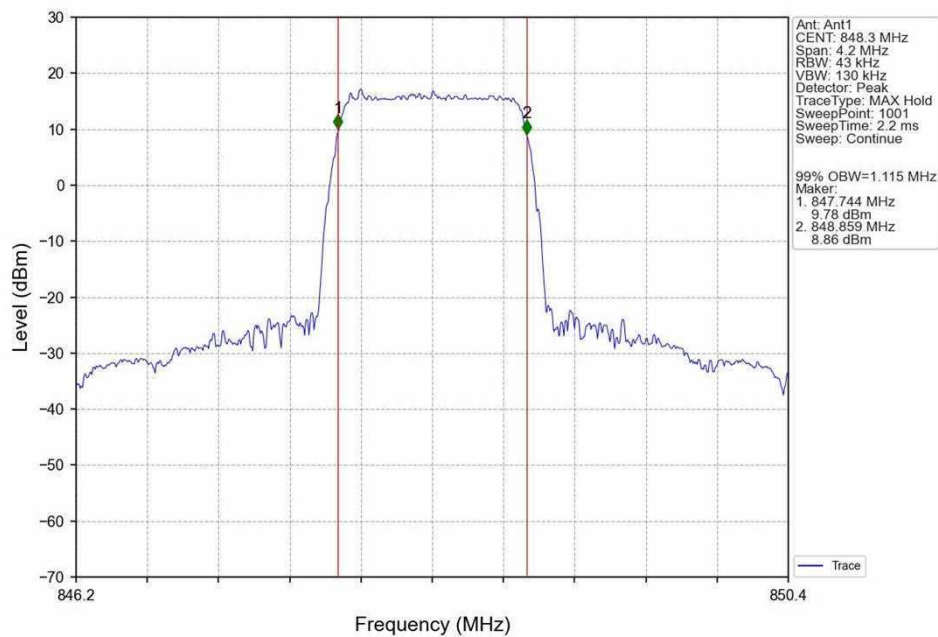
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



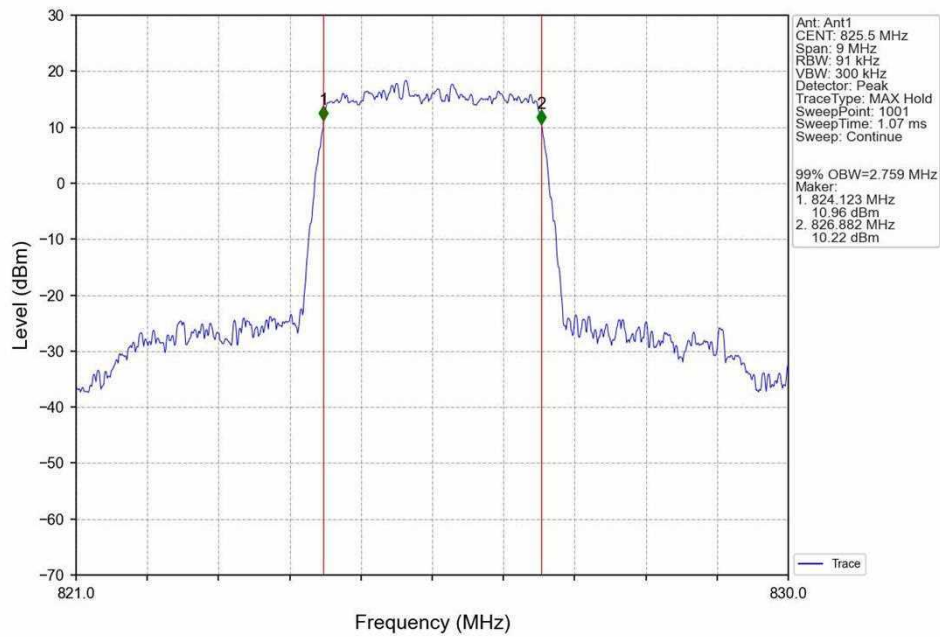
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



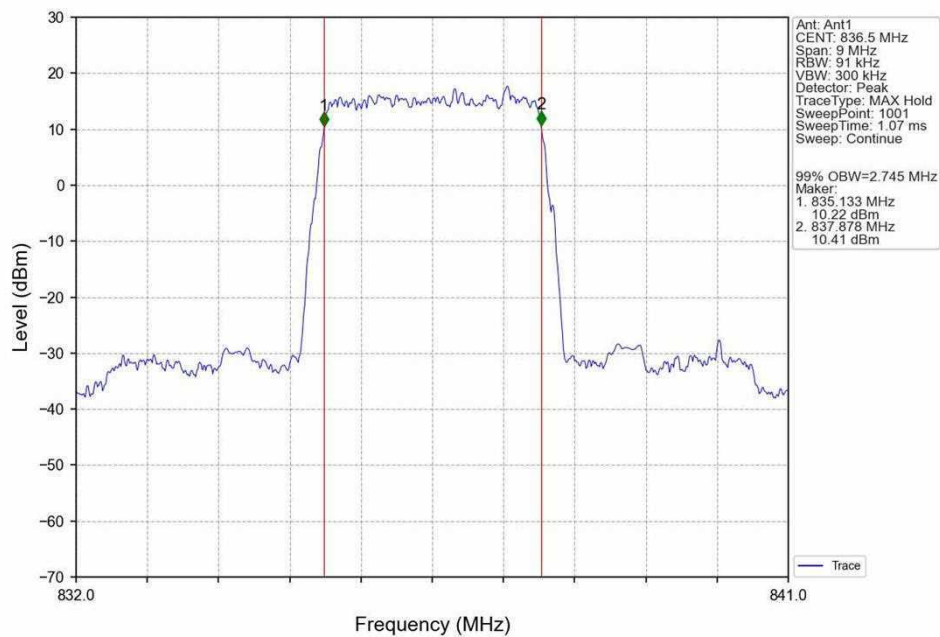
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



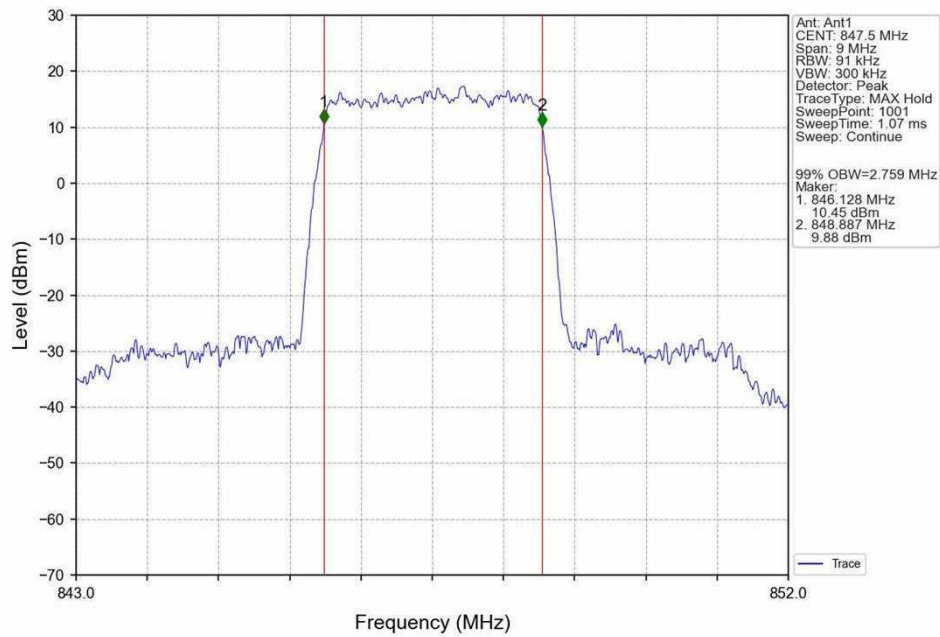
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



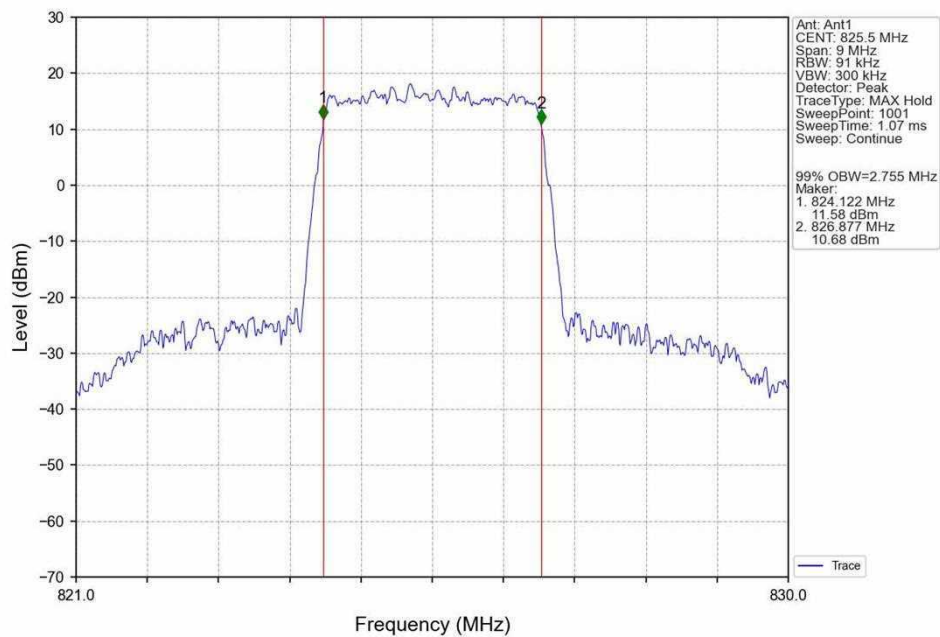
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



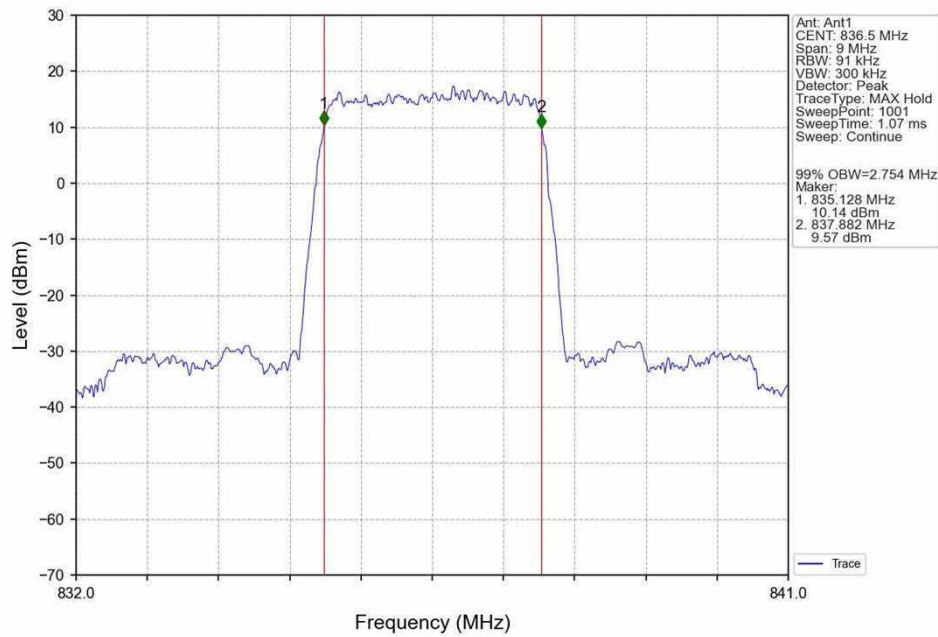
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



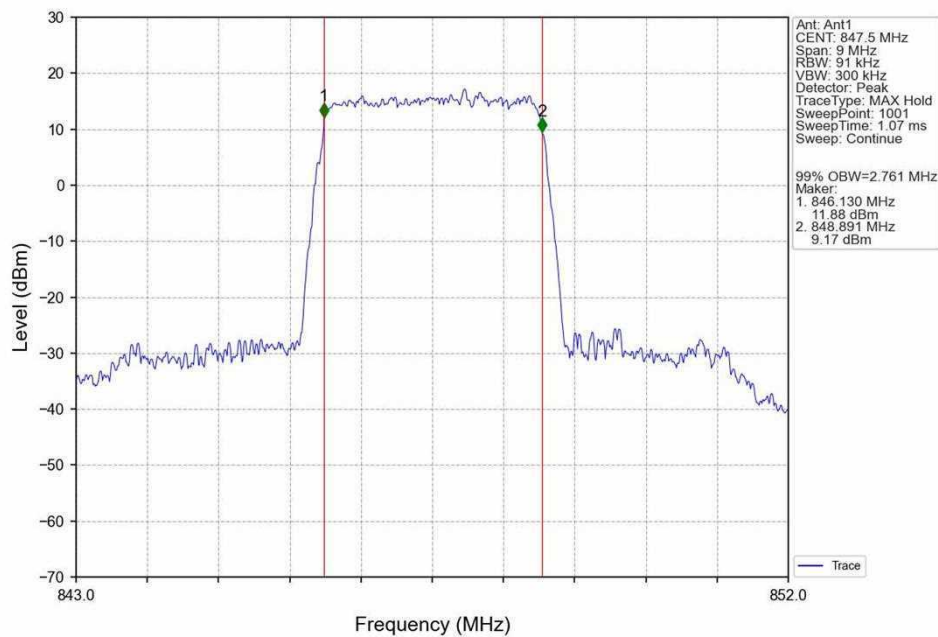
Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



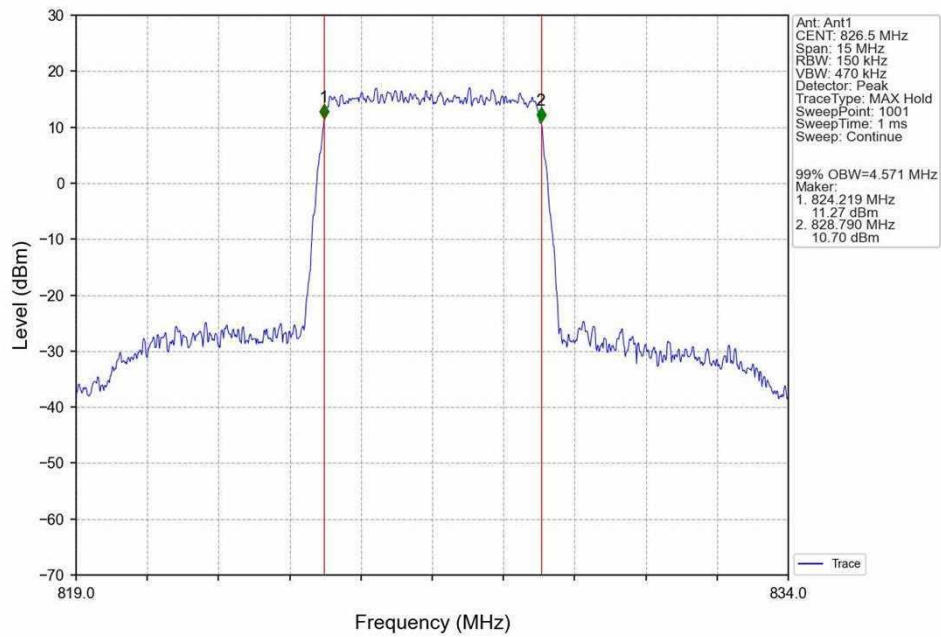
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



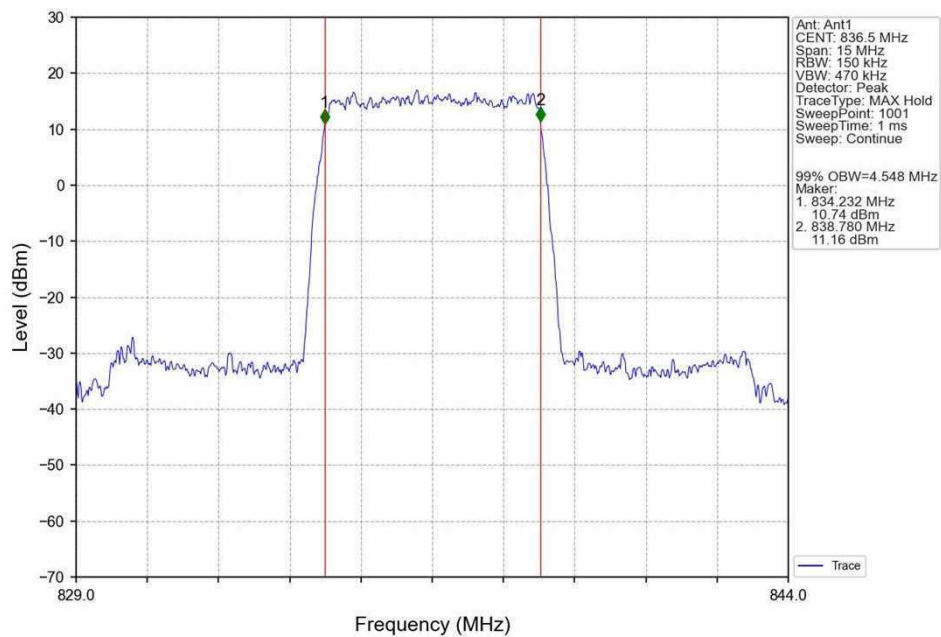
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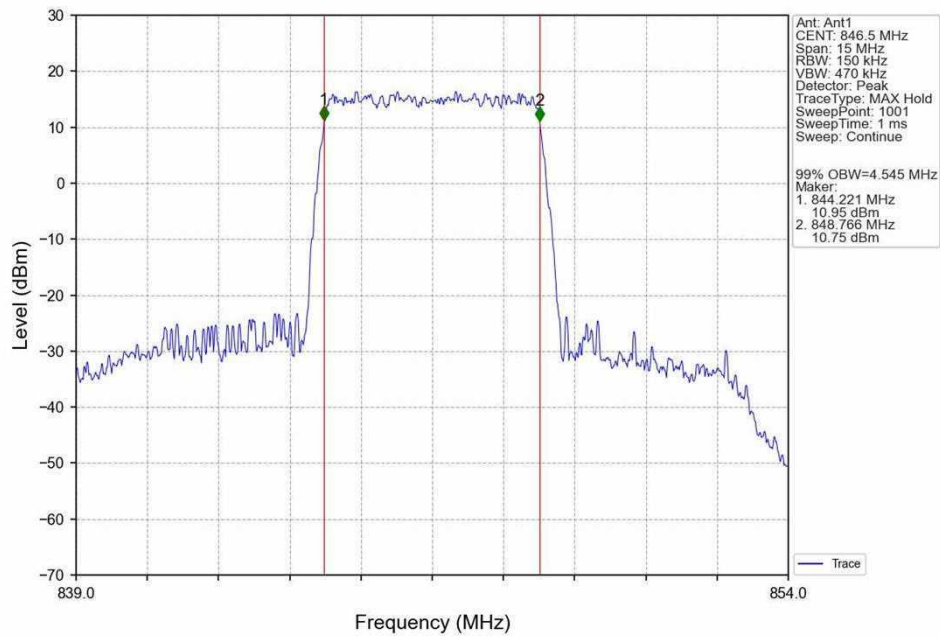
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



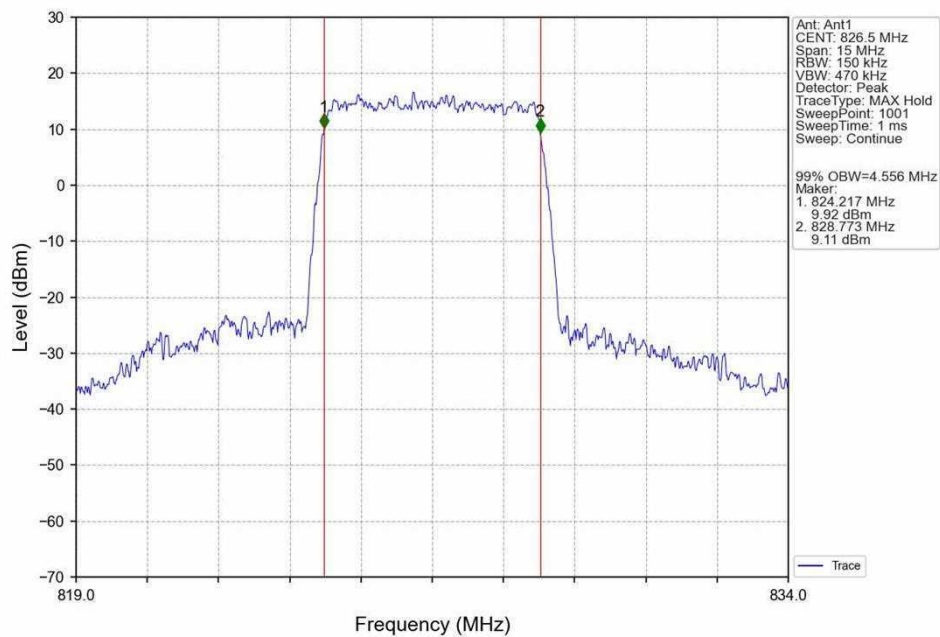
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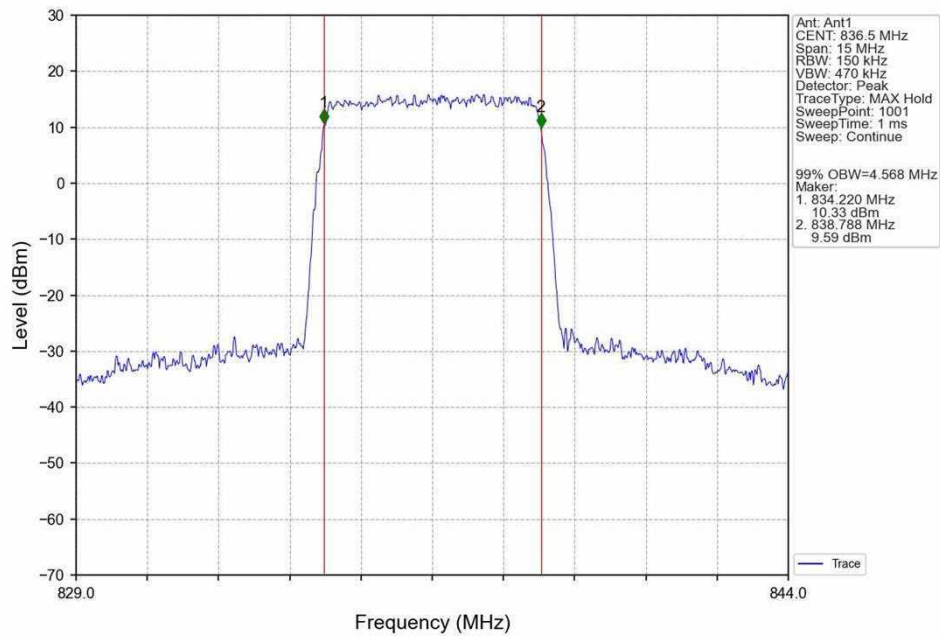
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



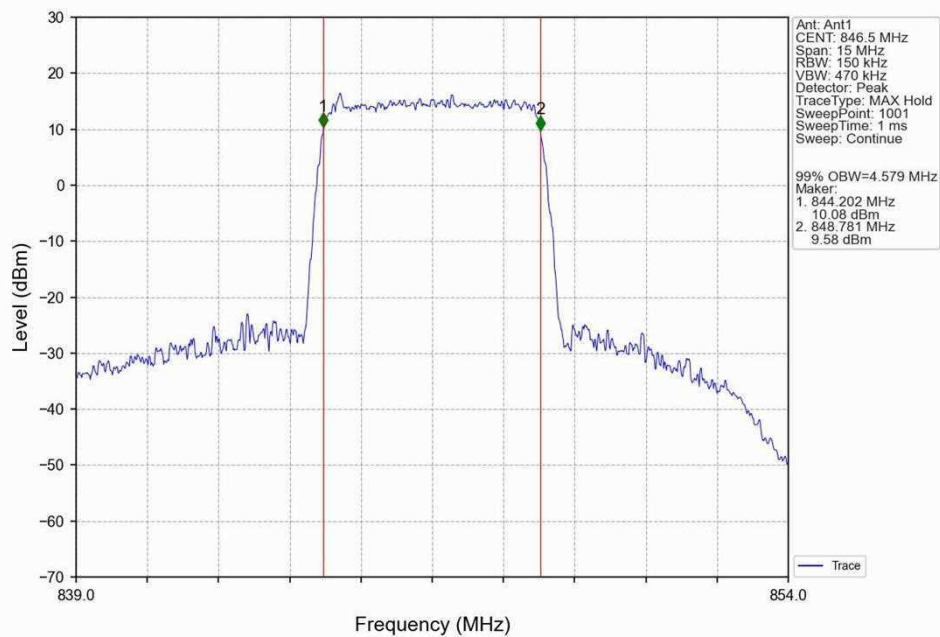
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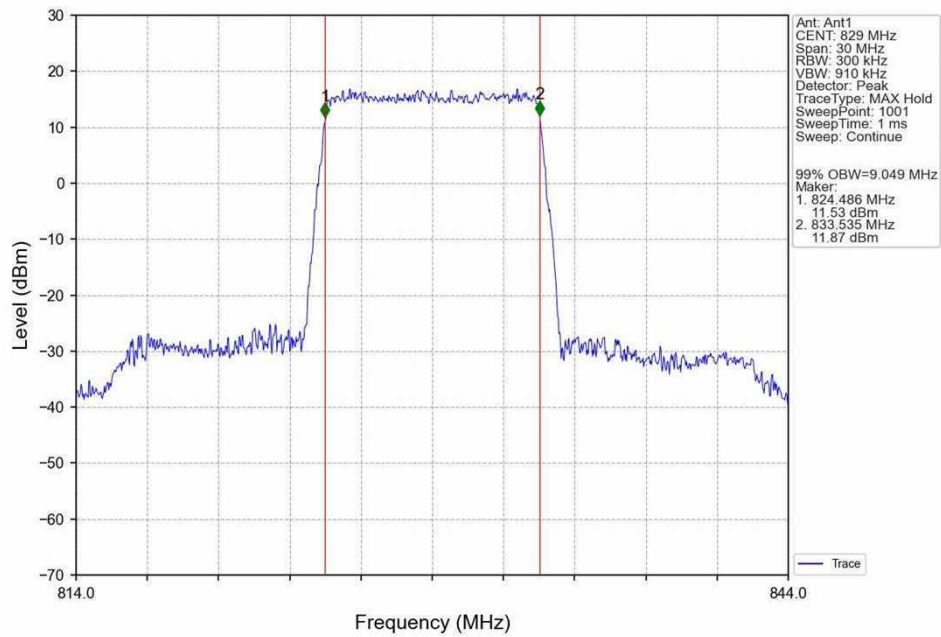
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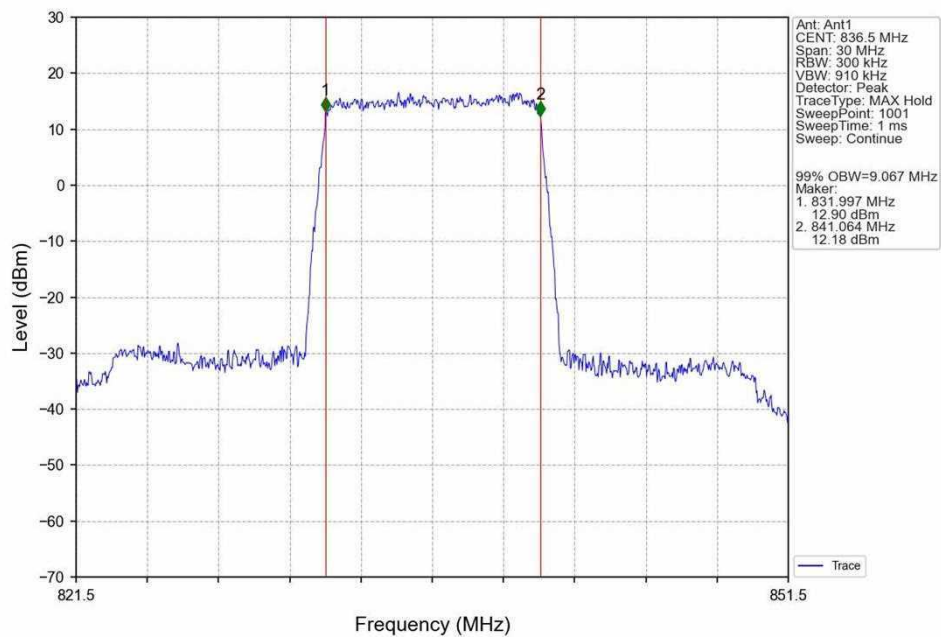
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



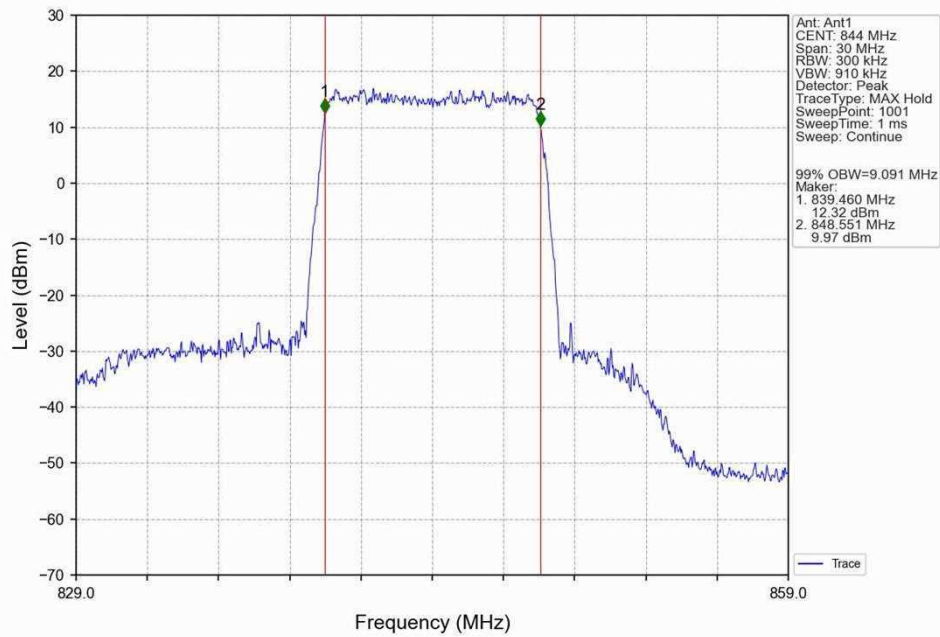
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



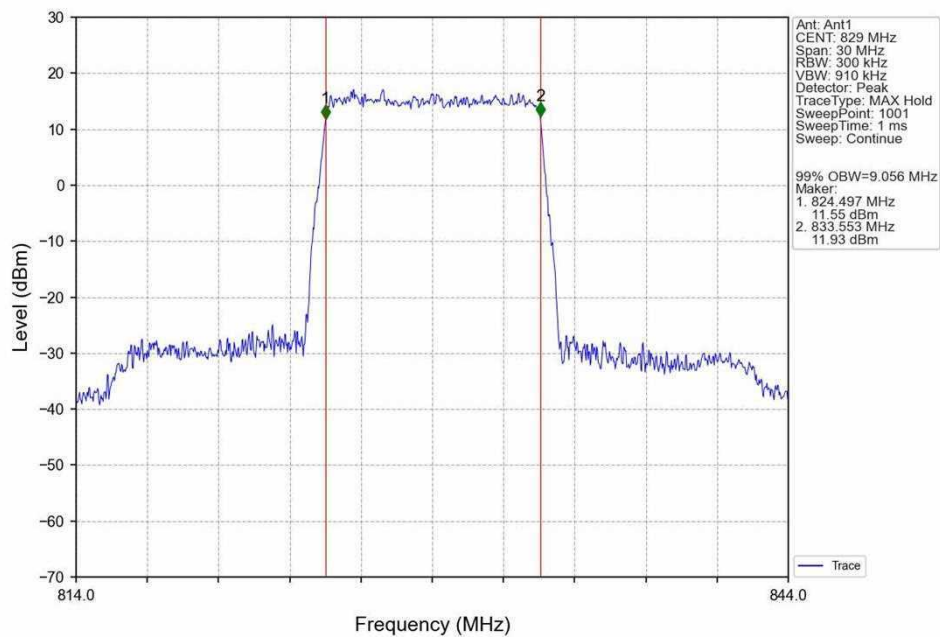
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



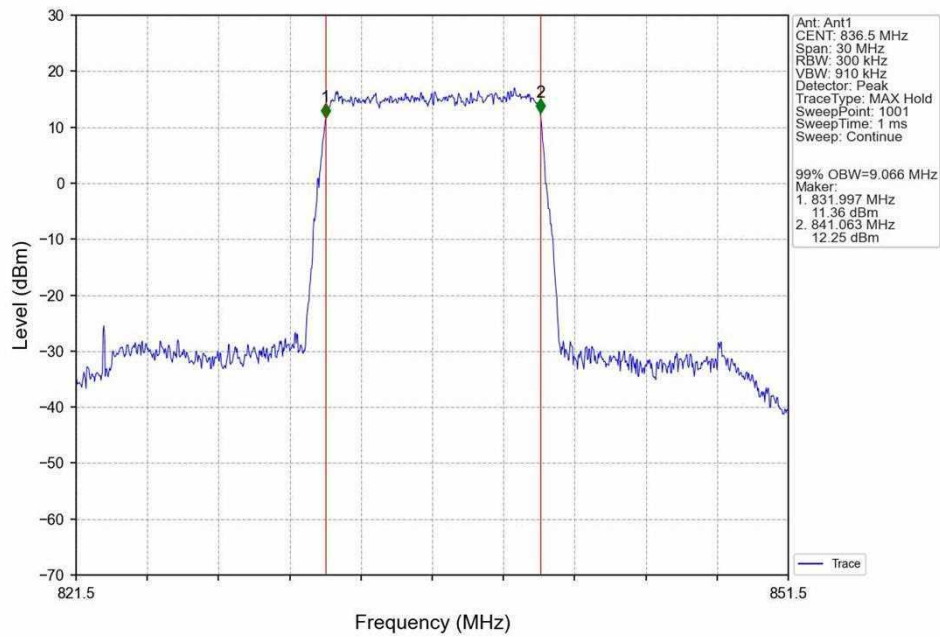
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



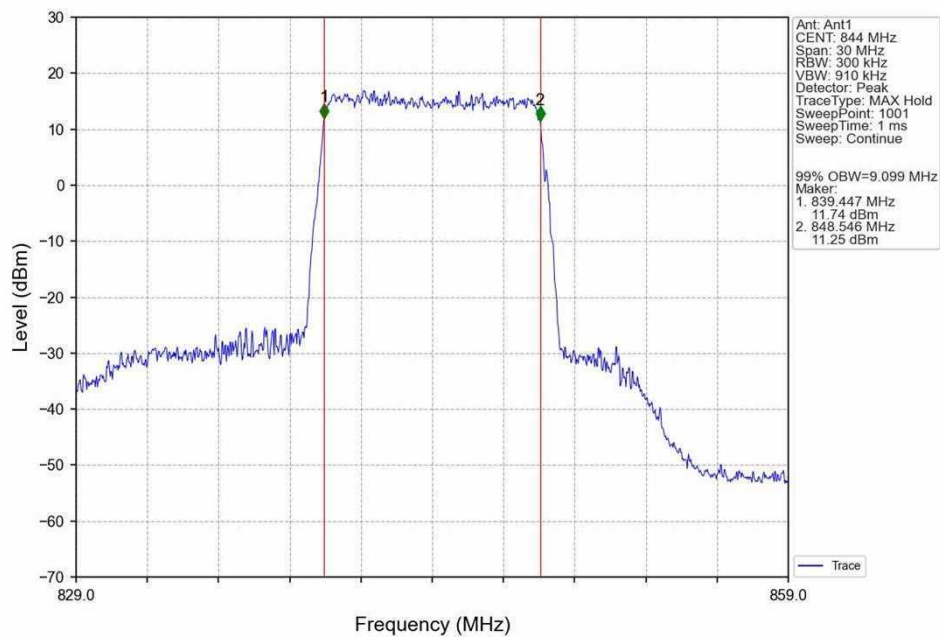
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



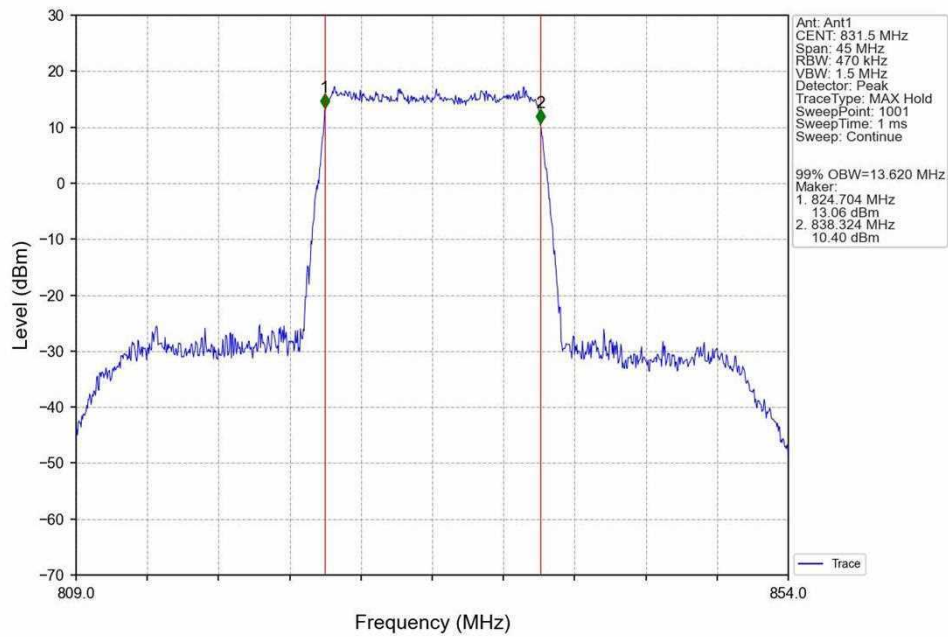
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



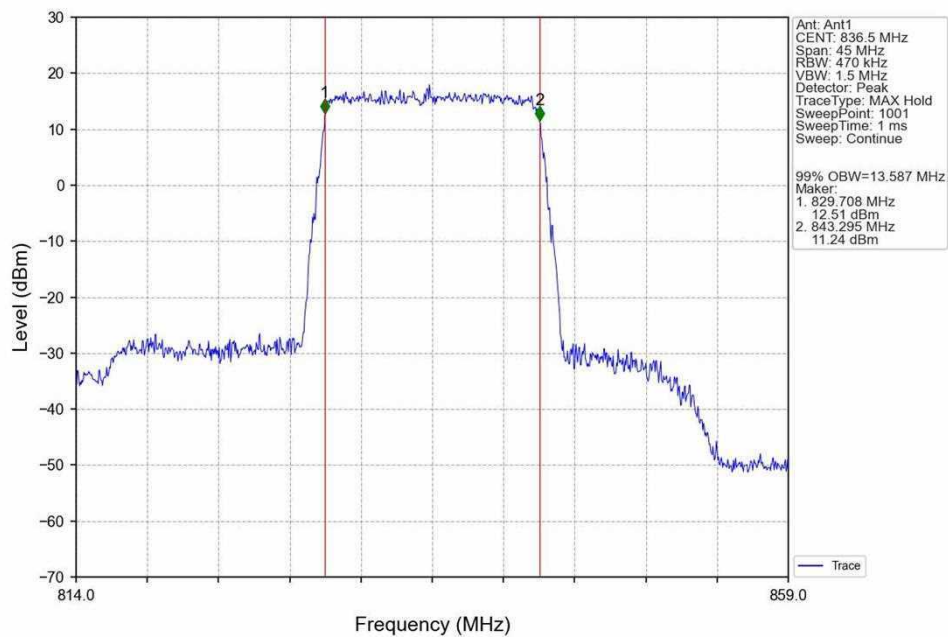
Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



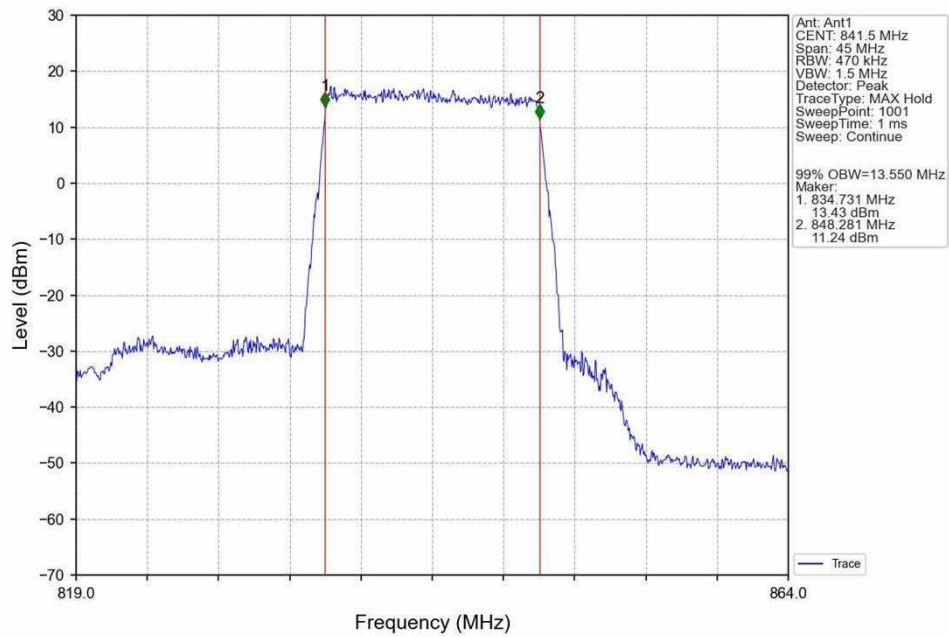
Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



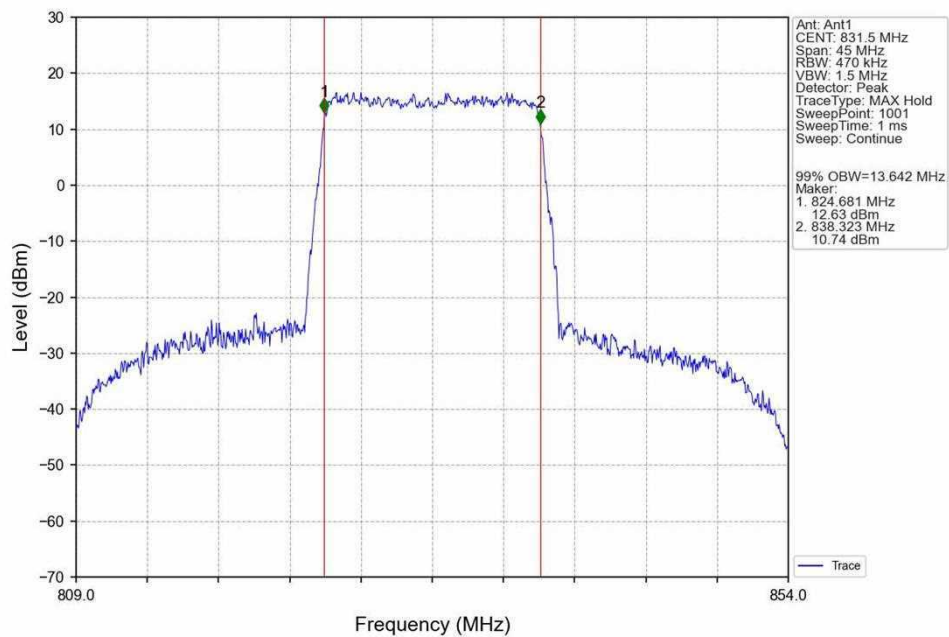
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV



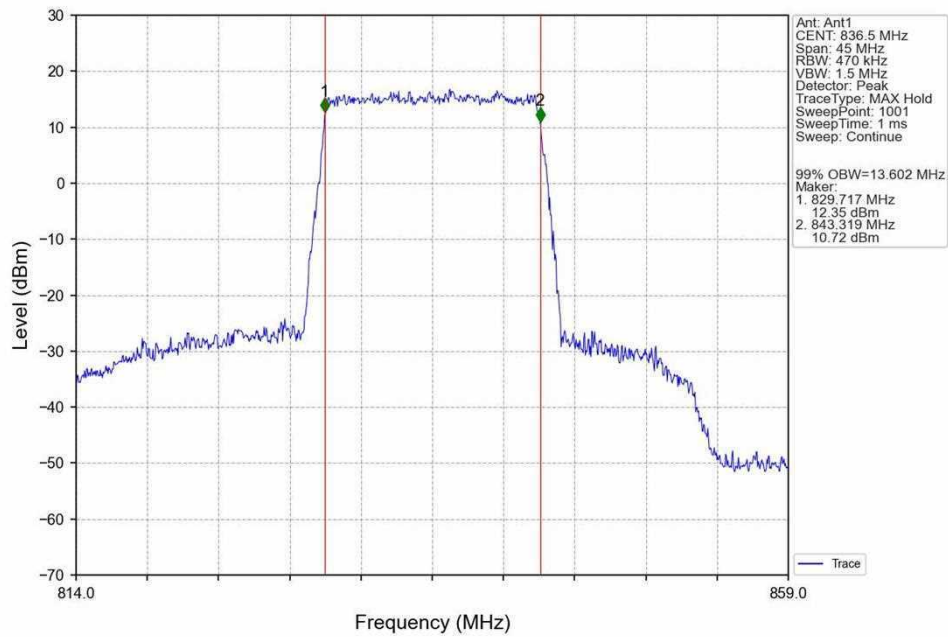
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



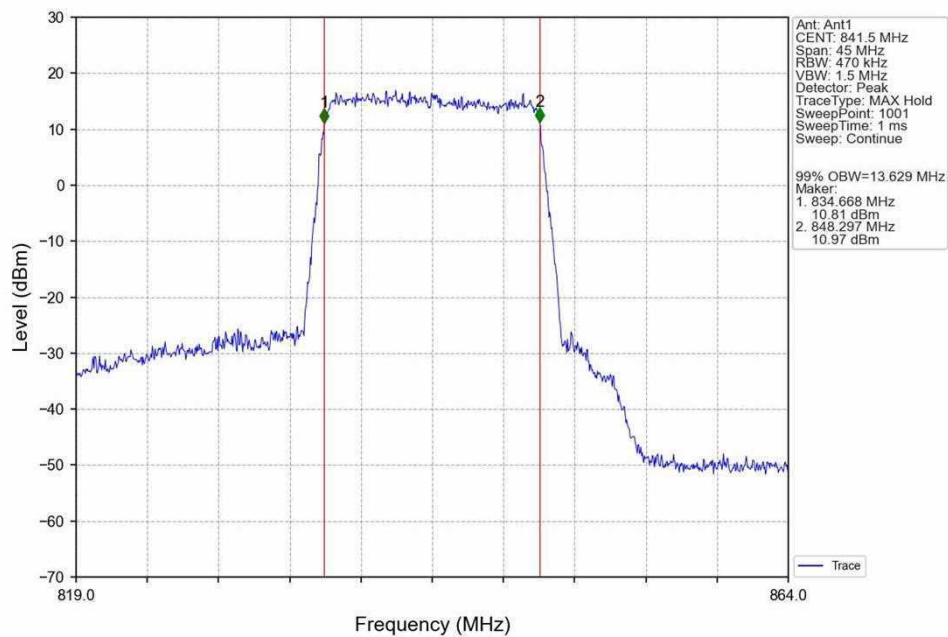
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



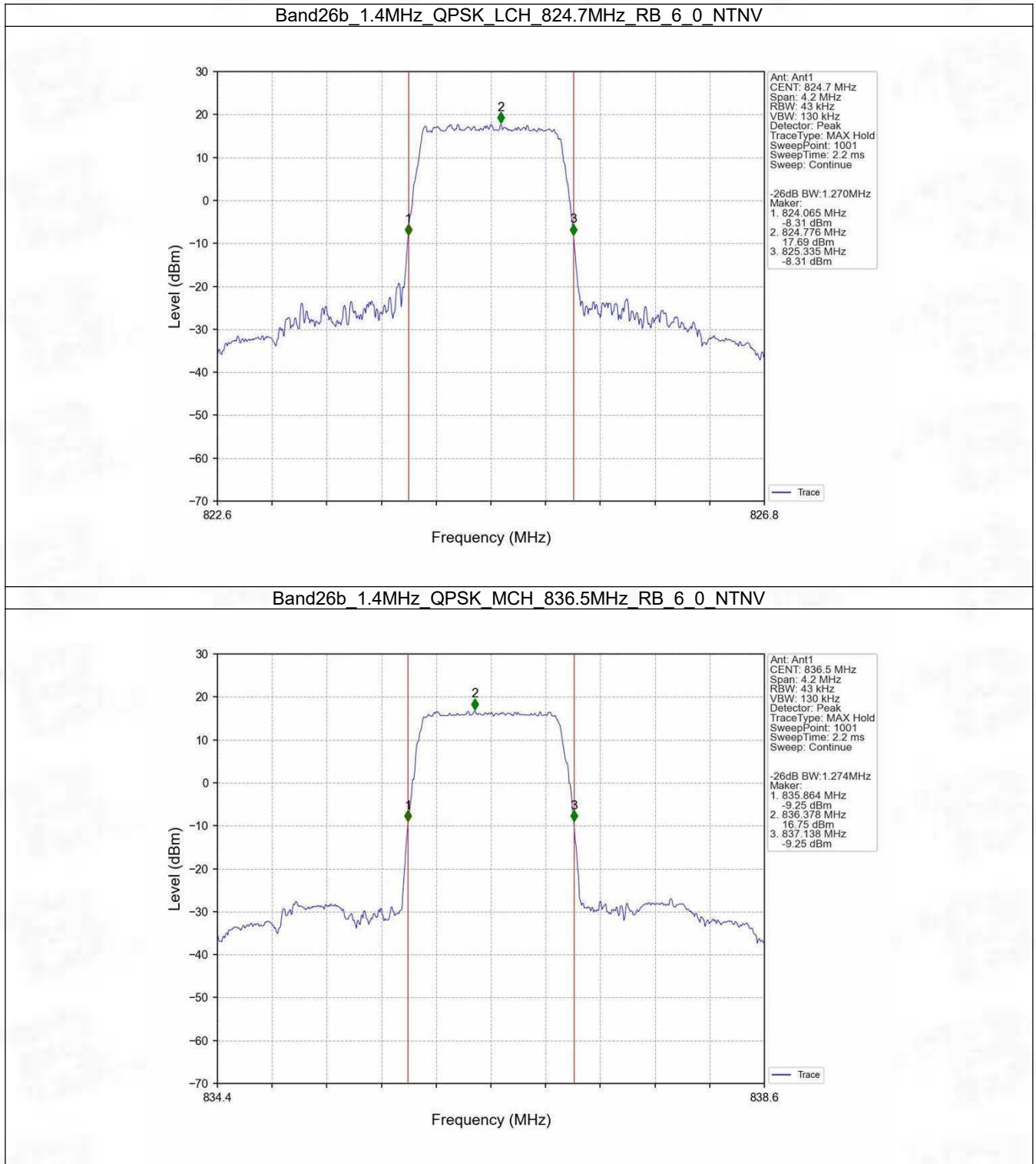
Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



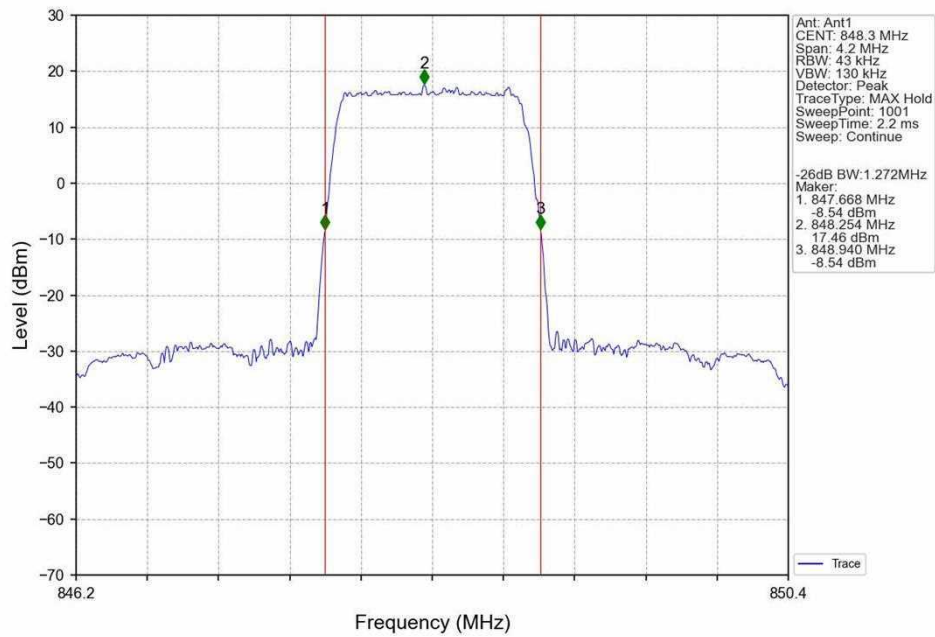
Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



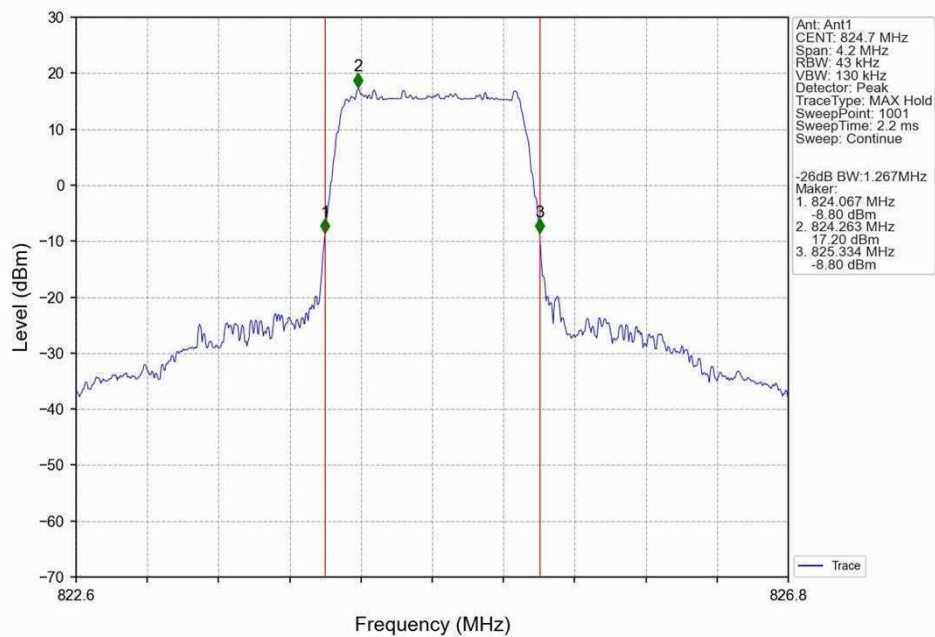
4.2.2 Band26b_XDB



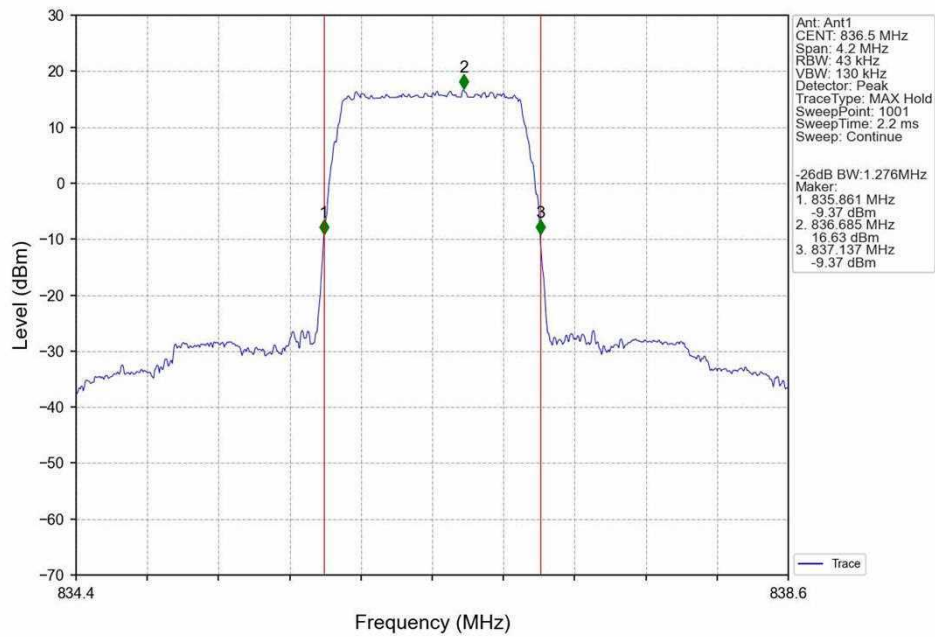
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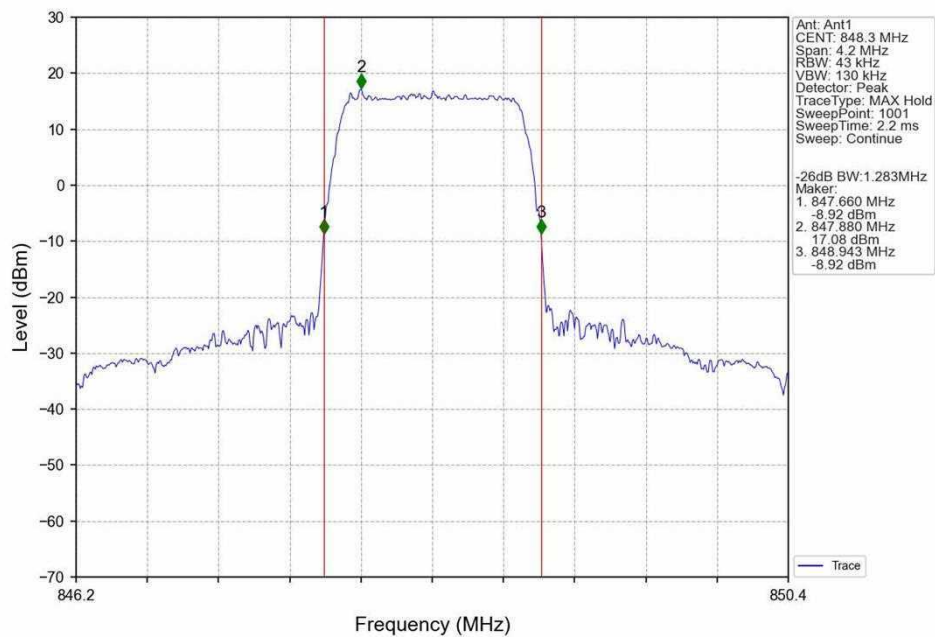
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



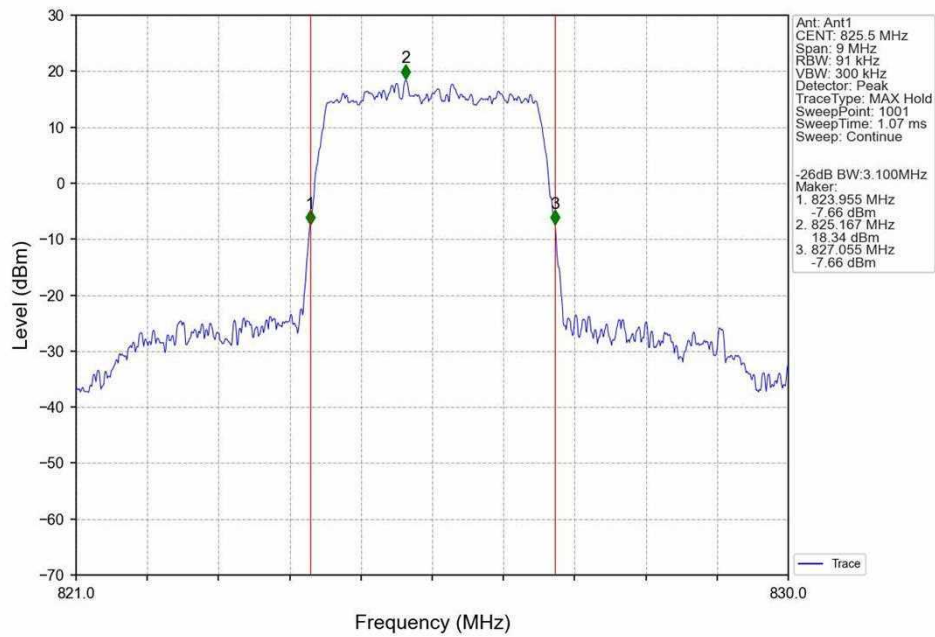
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



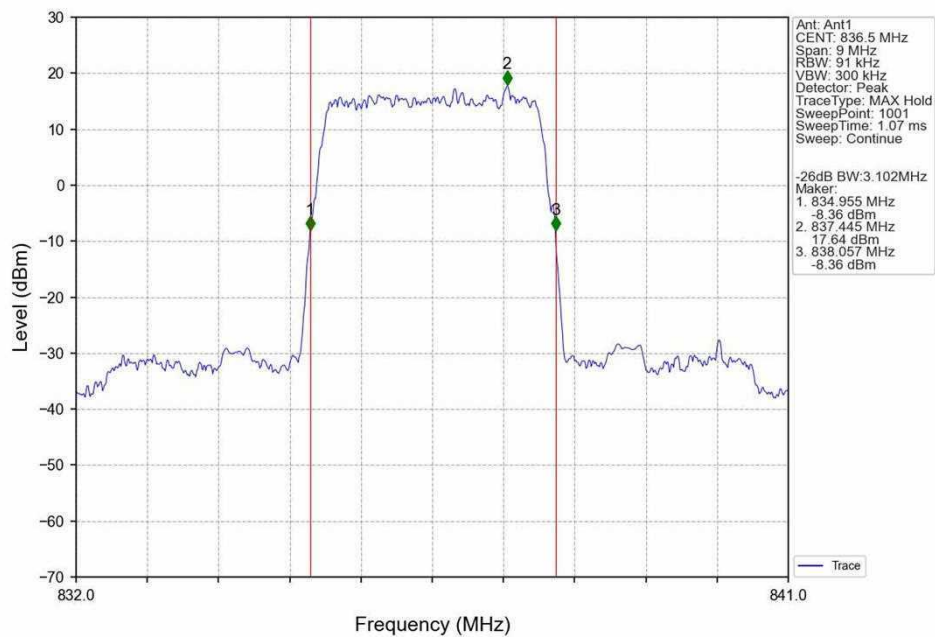
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



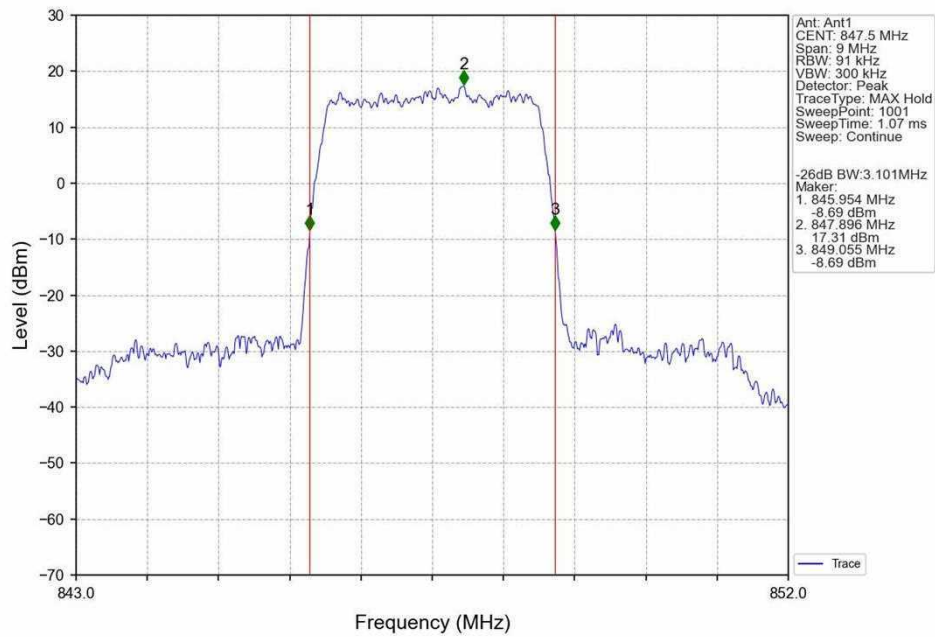
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



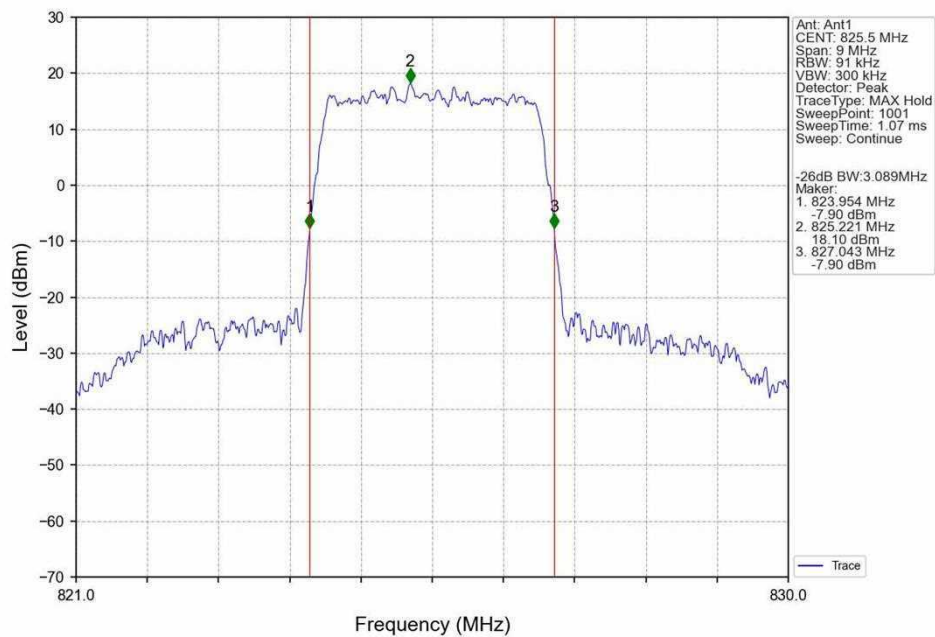
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



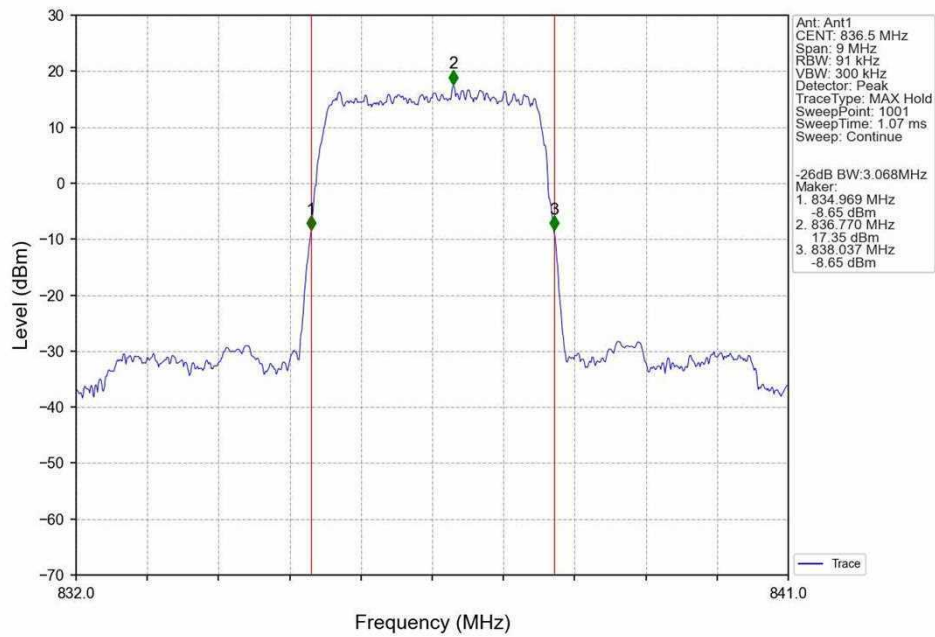
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



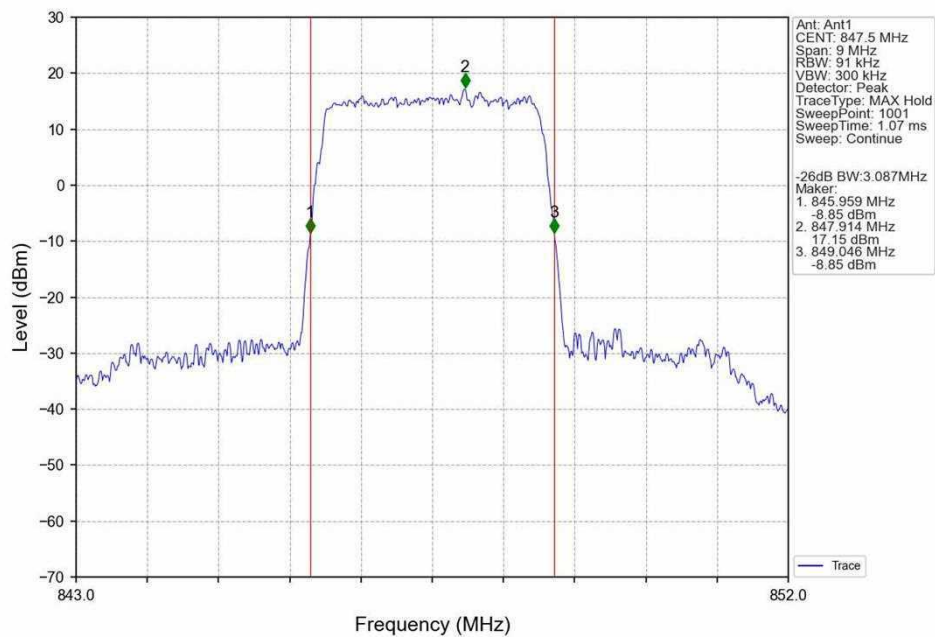
Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



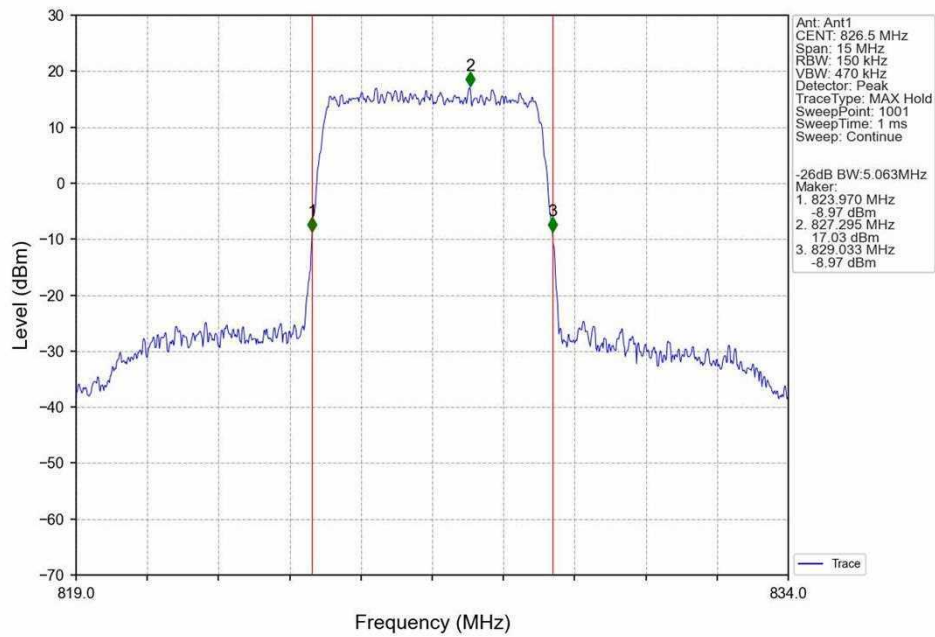
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



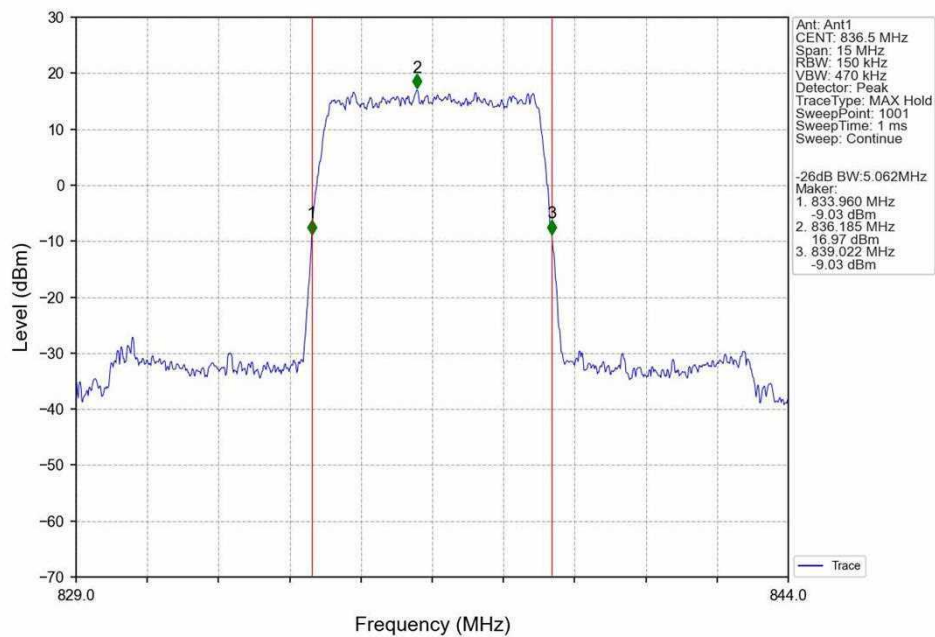
Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



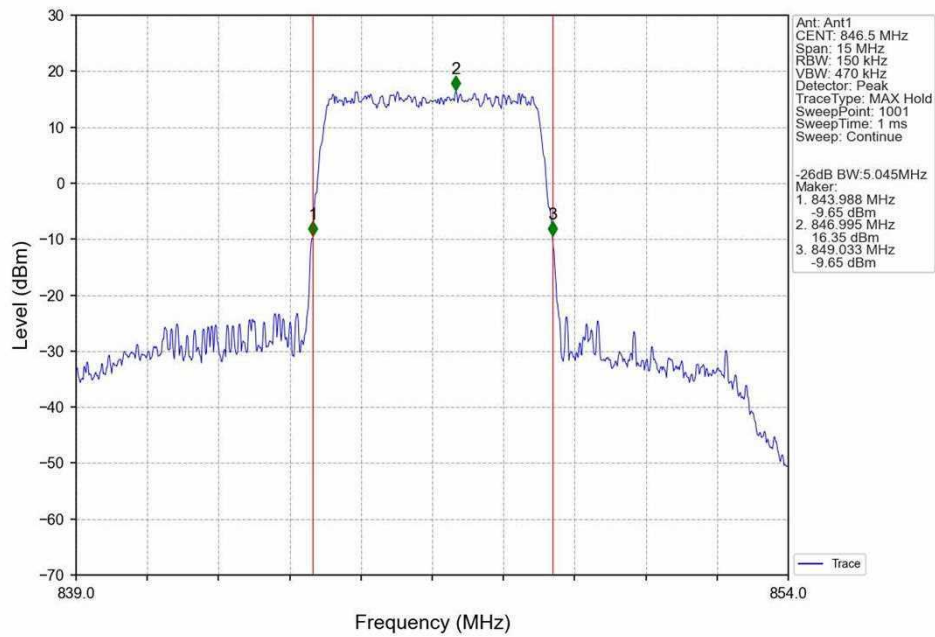
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



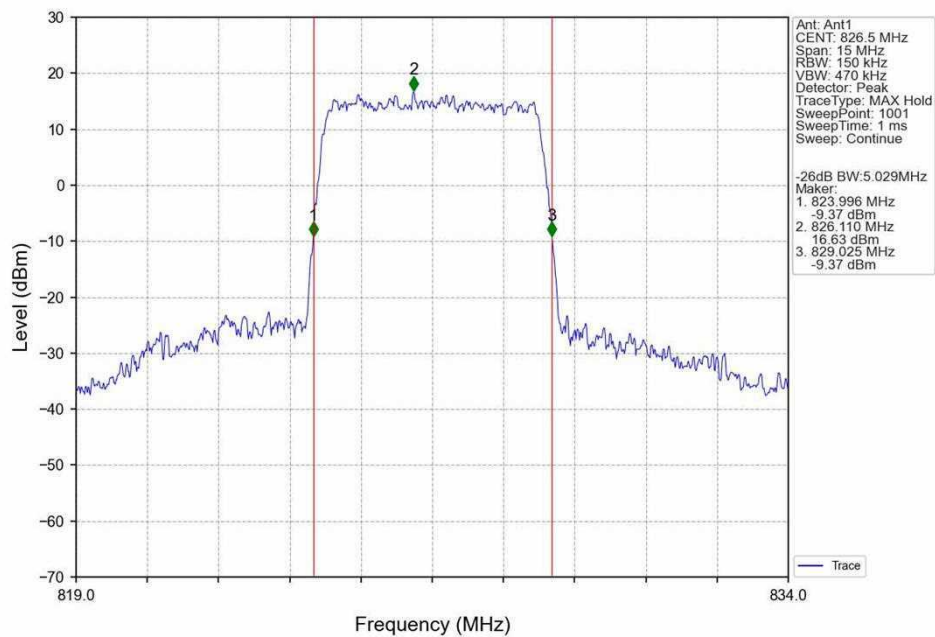
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



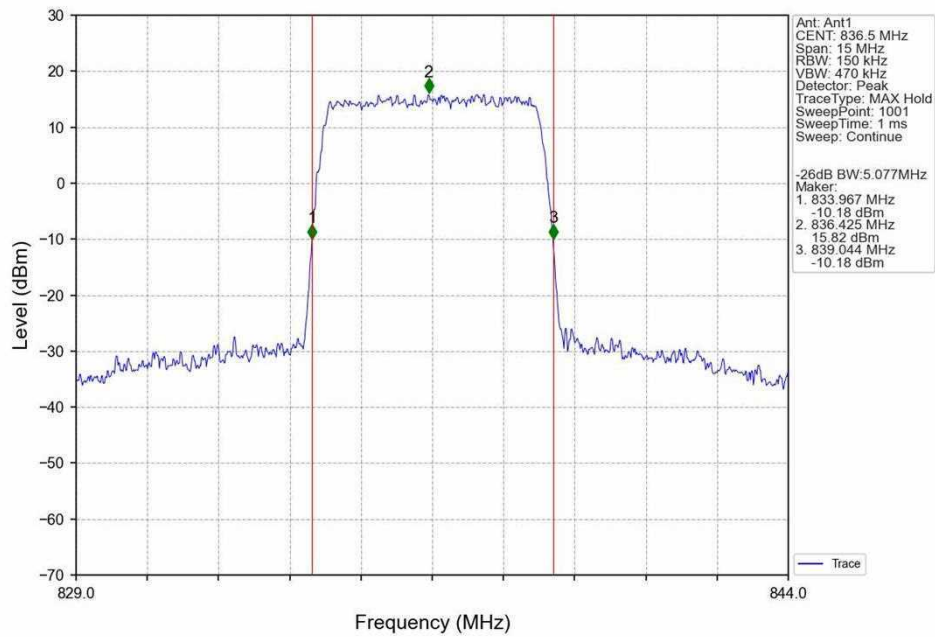
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



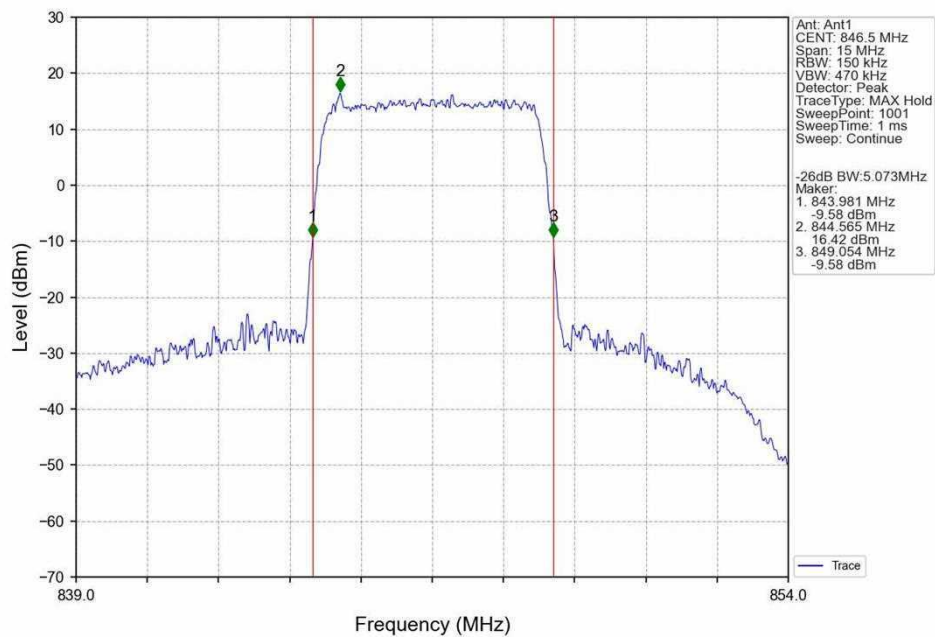
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



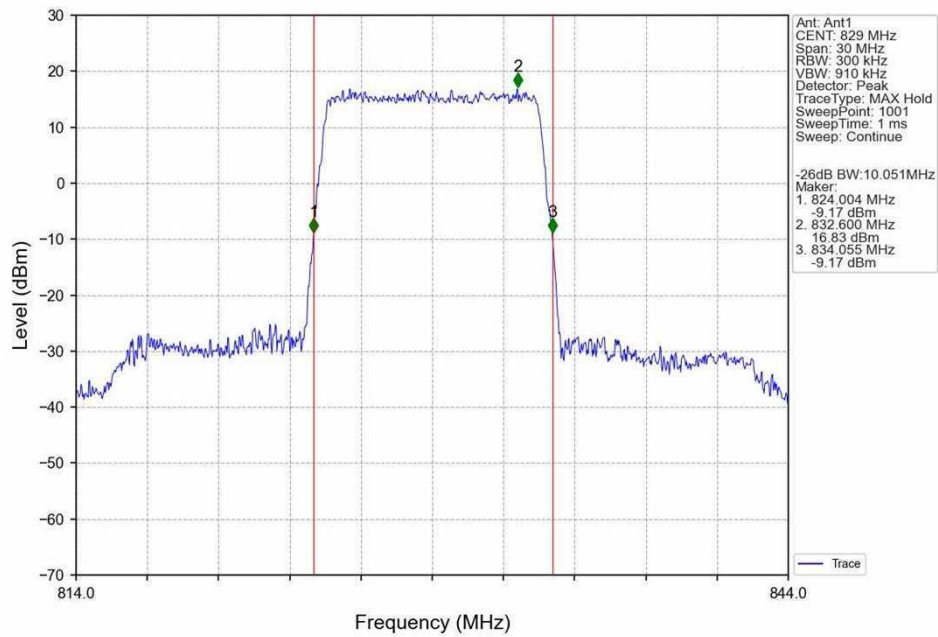
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



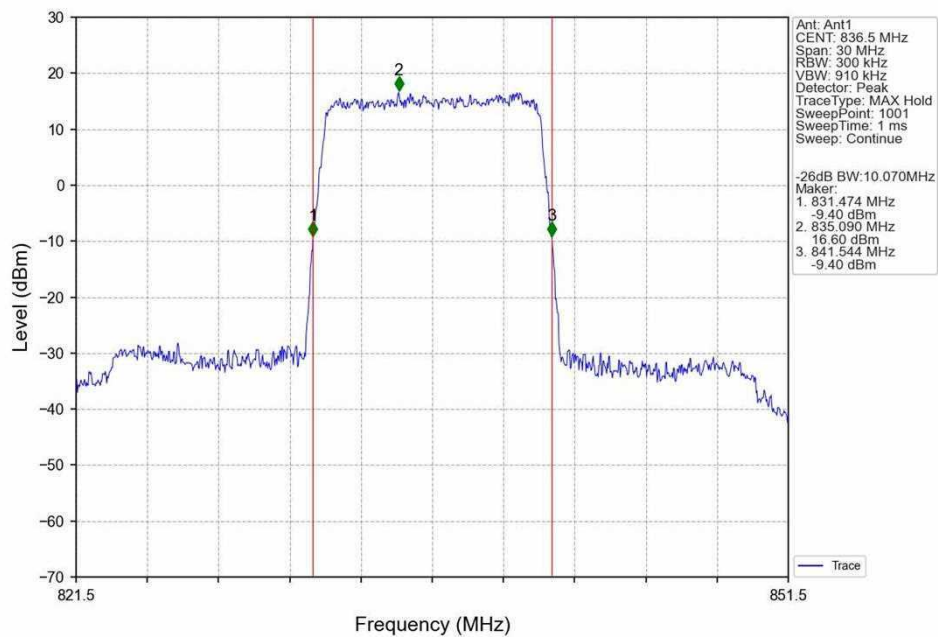
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



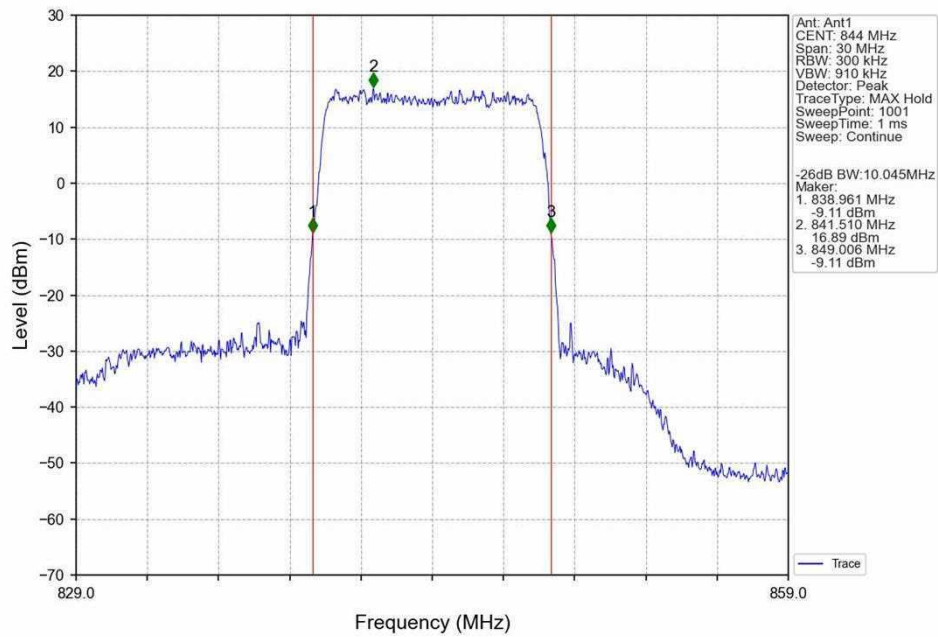
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



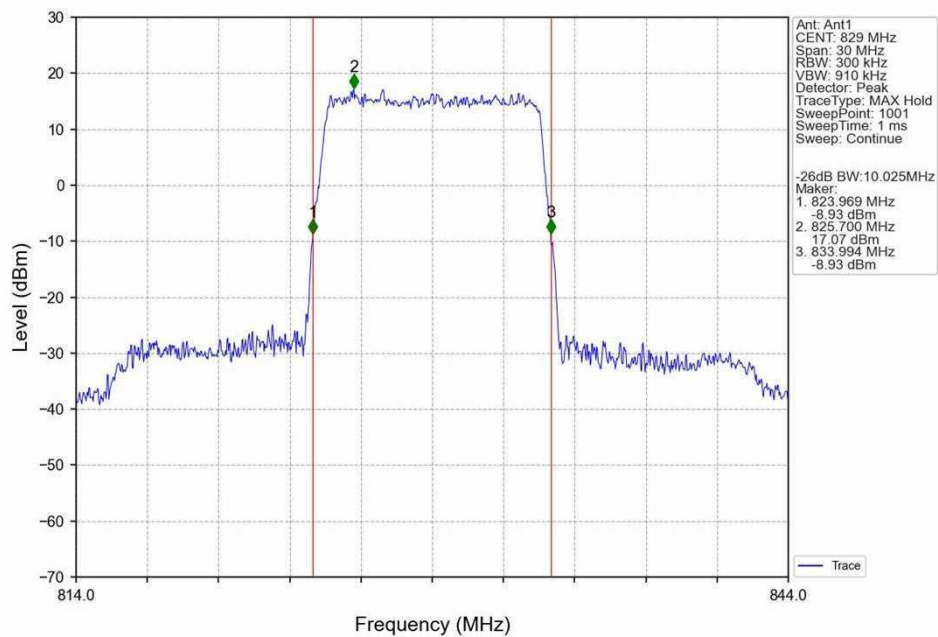
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



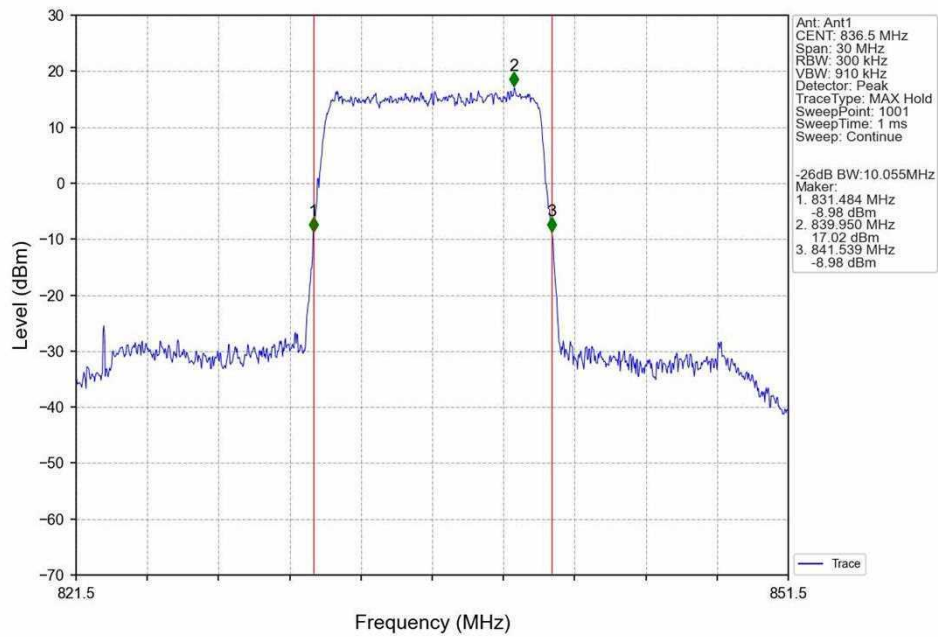
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



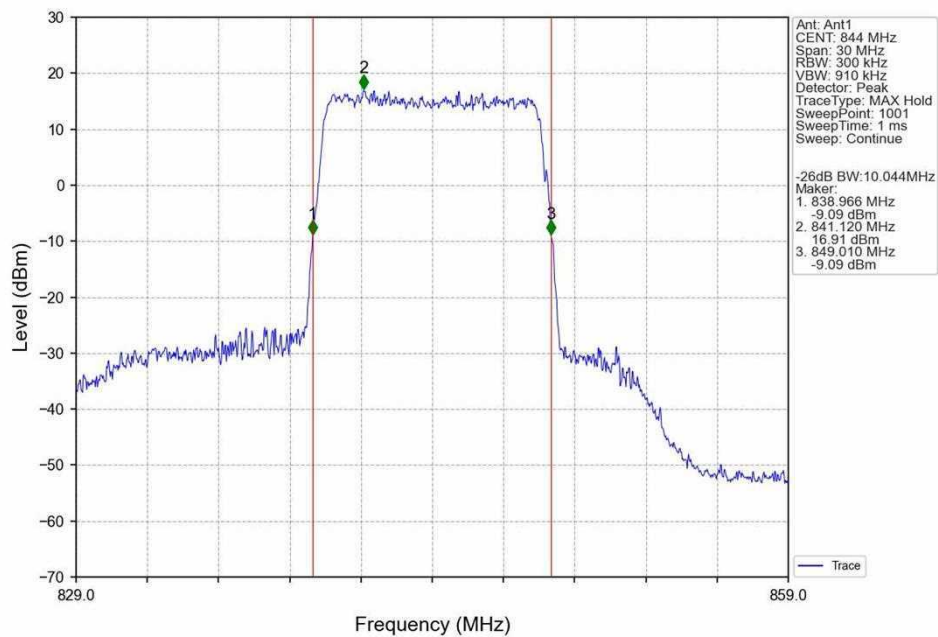
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



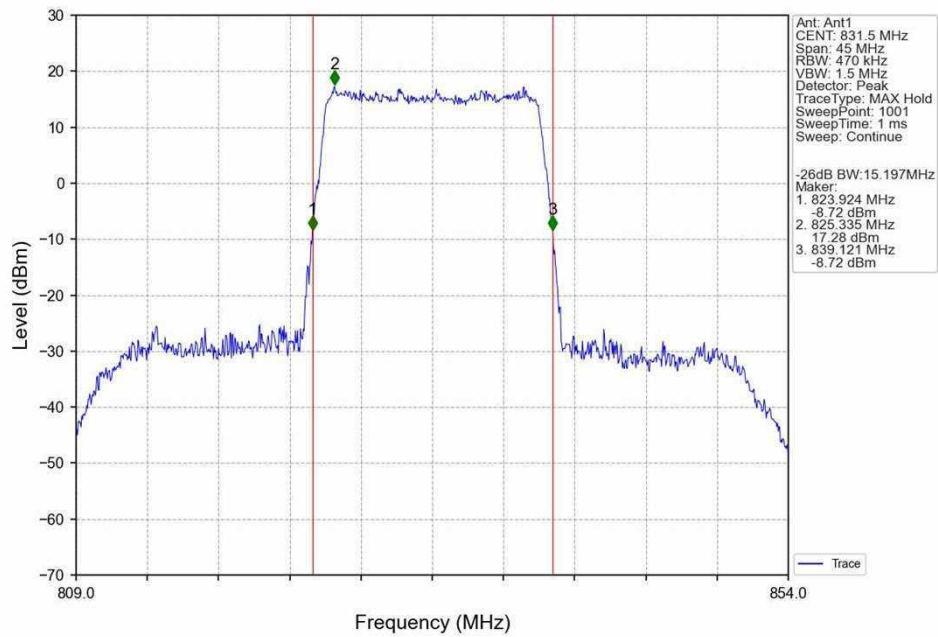
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



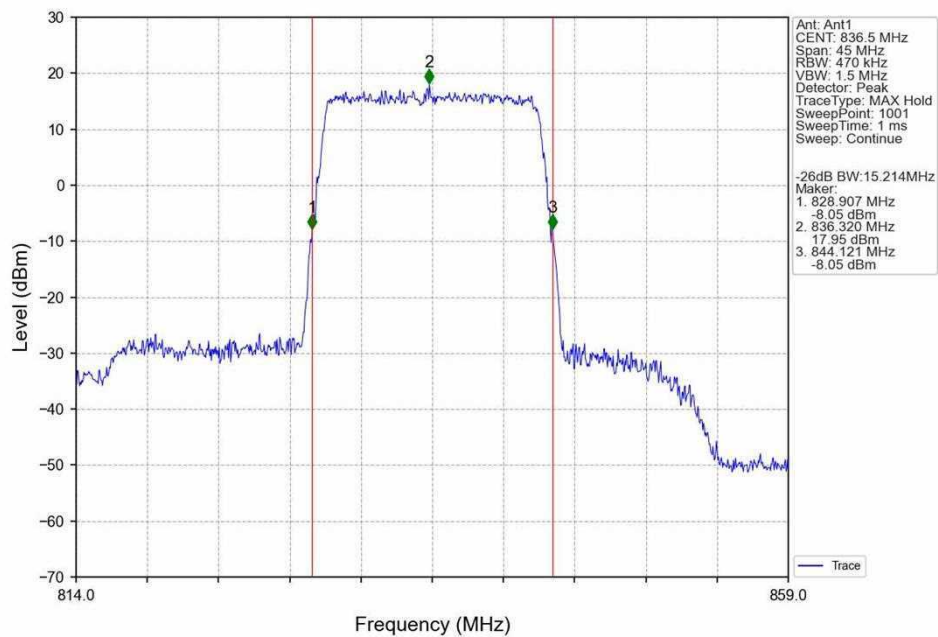
Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



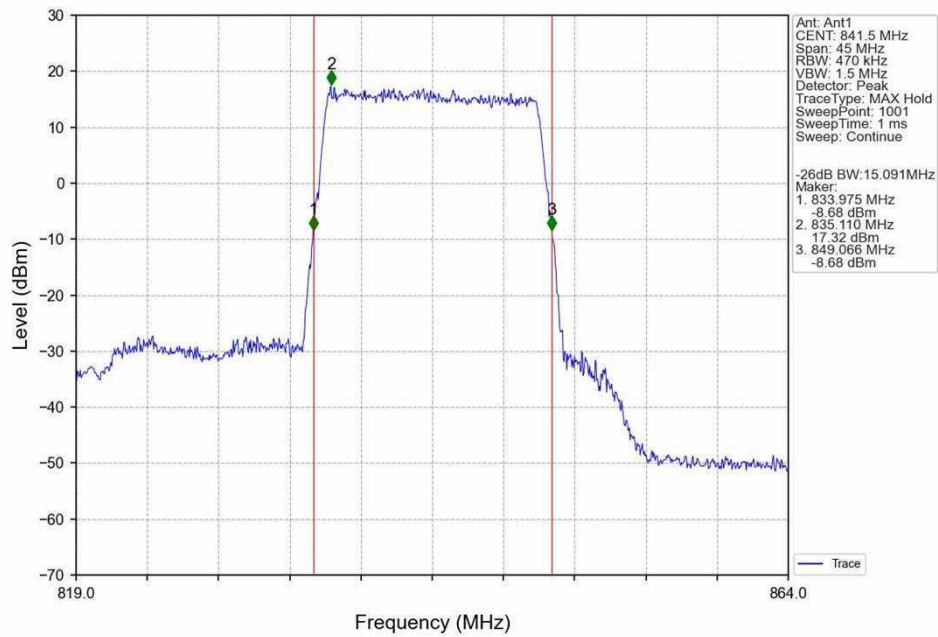
Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



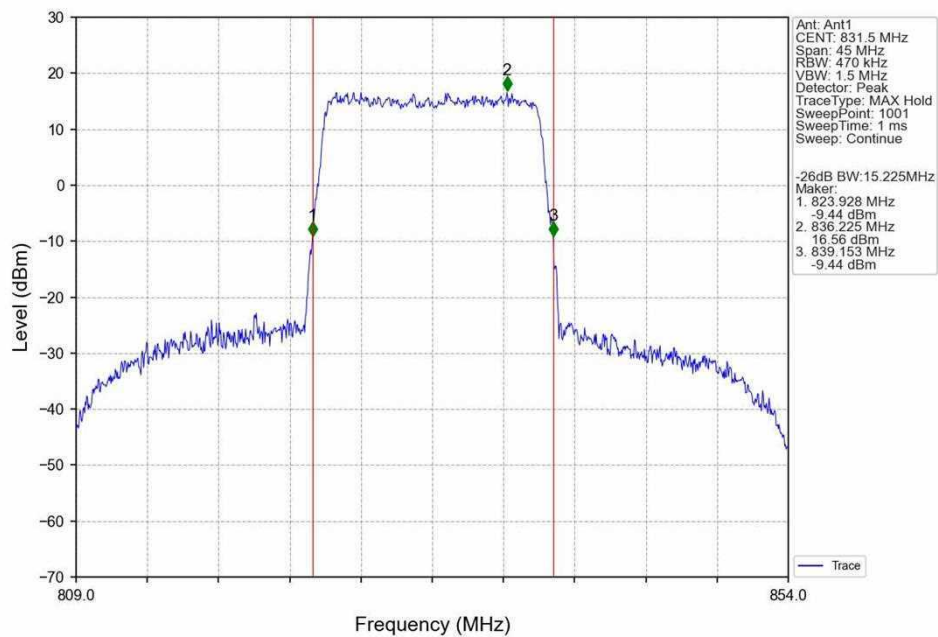
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV



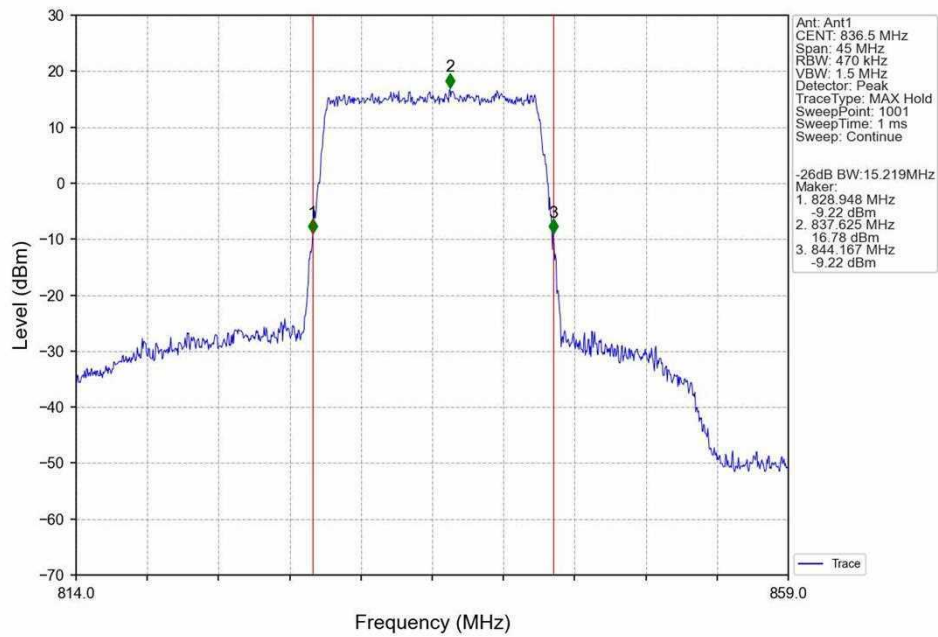
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



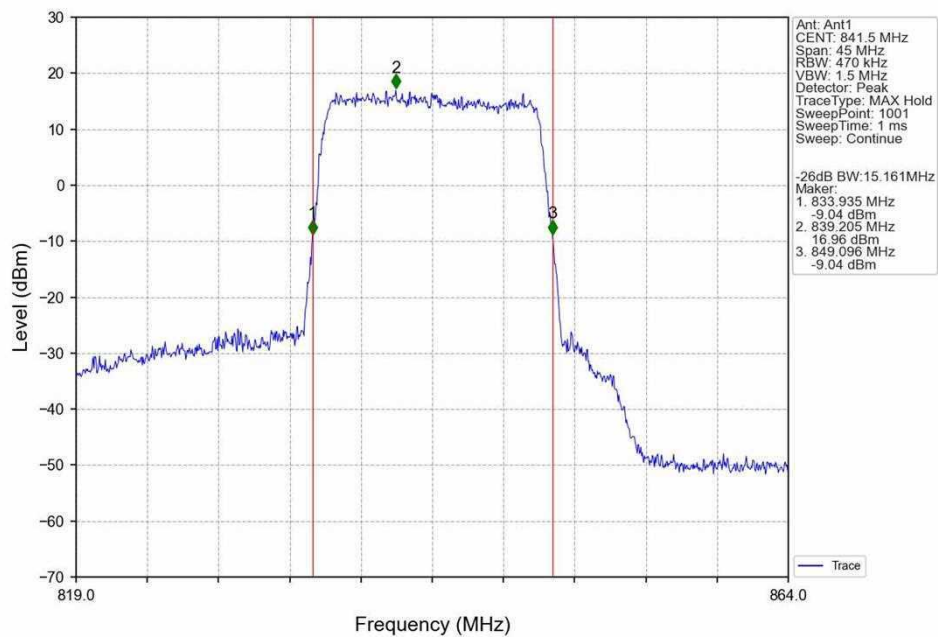
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.26	<=13	Pass
	836.5	6	0	5.58	<=13	Pass
	848.3	6	0	5.34	<=13	Pass
16QAM	824.7	6	0	5.96	<=13	Pass
	836.5	6	0	6.34	<=13	Pass
	848.3	6	0	6.04	<=13	Pass

5.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.27	<=13	Pass
	836.5	15	0	5.56	<=13	Pass
	847.5	15	0	5.52	<=13	Pass
16QAM	825.5	15	0	5.26	<=13	Pass
	836.5	15	0	5.56	<=13	Pass
	847.5	15	0	5.47	<=13	Pass

5.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.48	<=13	Pass
	836.5	25	0	5.66	<=13	Pass
	846.5	25	0	5.63	<=13	Pass
16QAM	826.5	25	0	6.21	<=13	Pass
	836.5	25	0	6.31	<=13	Pass
	846.5	25	0	6.22	<=13	Pass

5.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.62	<=13	Pass
	836.5	50	0	5.64	<=13	Pass
	844	50	0	5.68	<=13	Pass
16QAM	829	50	0	5.61	<=13	Pass
	836.5	50	0	5.63	<=13	Pass

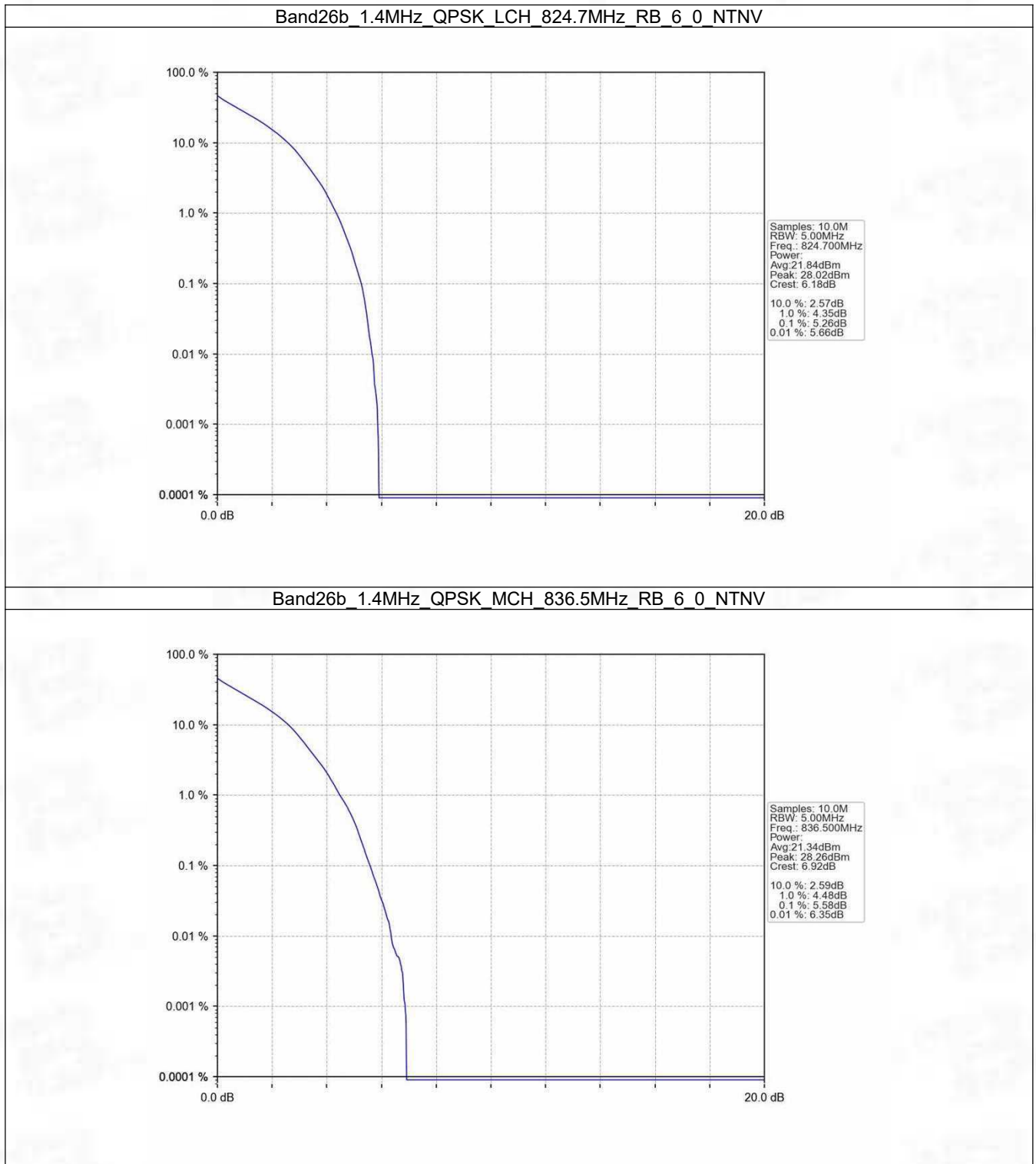
	844	50	0	5.69	<=13	Pass
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5.1.5 B26b_15MHz

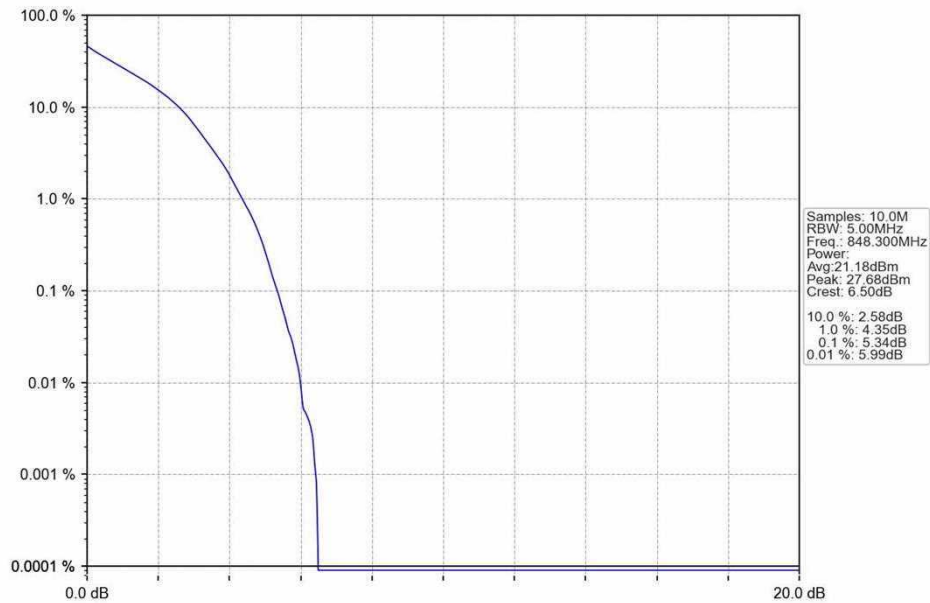
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	5.96	<=13	Pass
	836.5	75	0	5.83	<=13	Pass
	841.5	75	0	5.93	<=13	Pass
16QAM	831.5	75	0	6.33	<=13	Pass
	836.5	75	0	6.25	<=13	Pass
	841.5	75	0	6.33	<=13	Pass

5.2 Test Graph

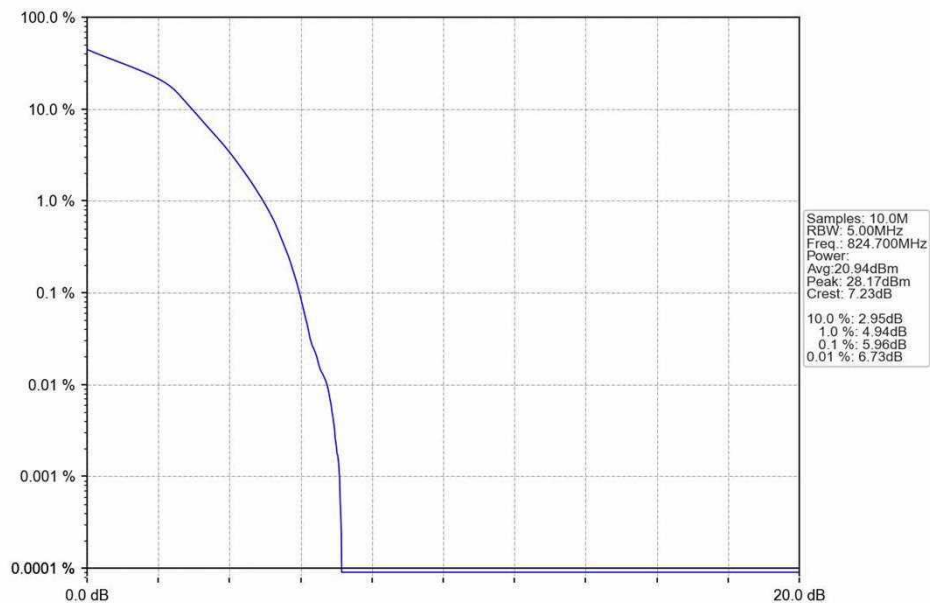
5.2.1 B26b_1.4MHz



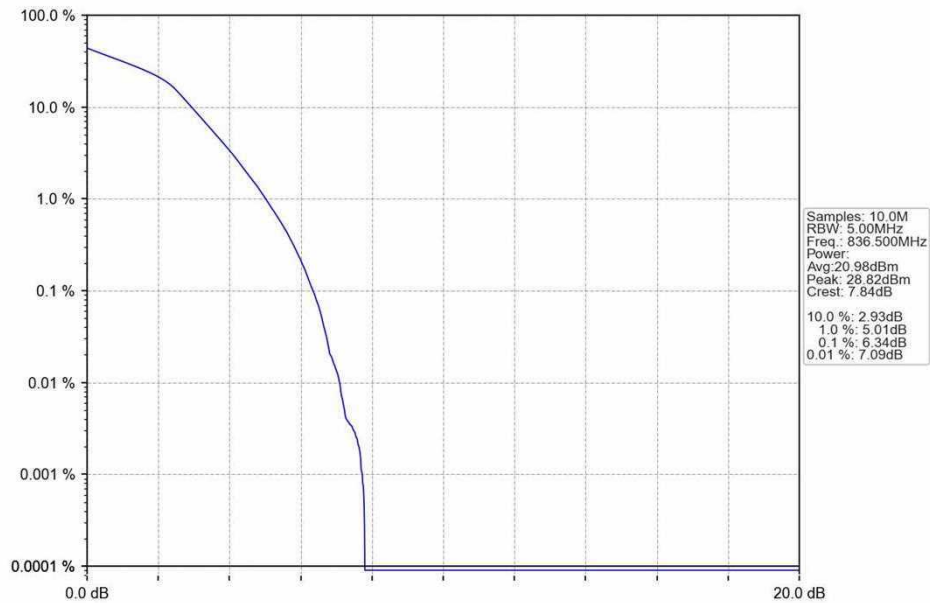
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



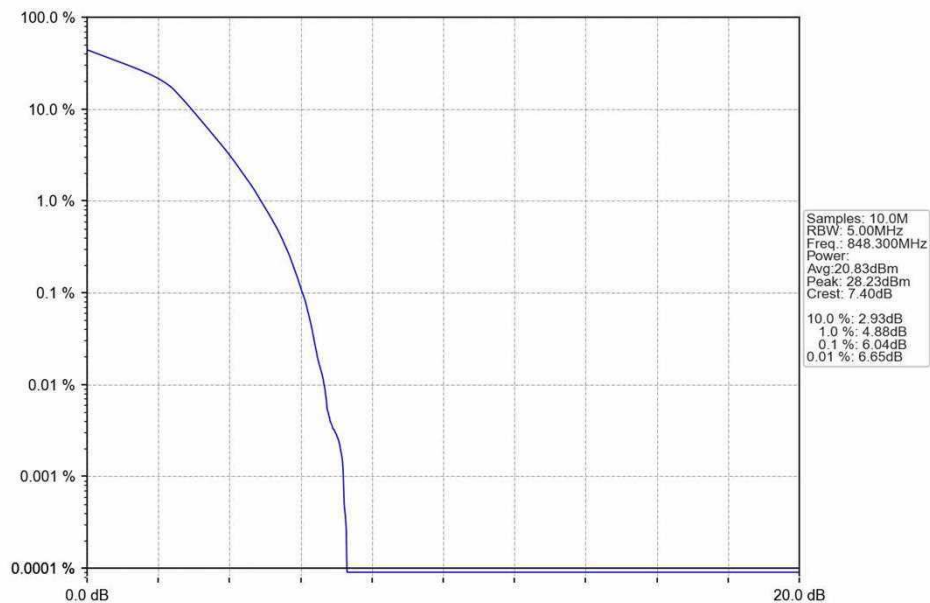
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



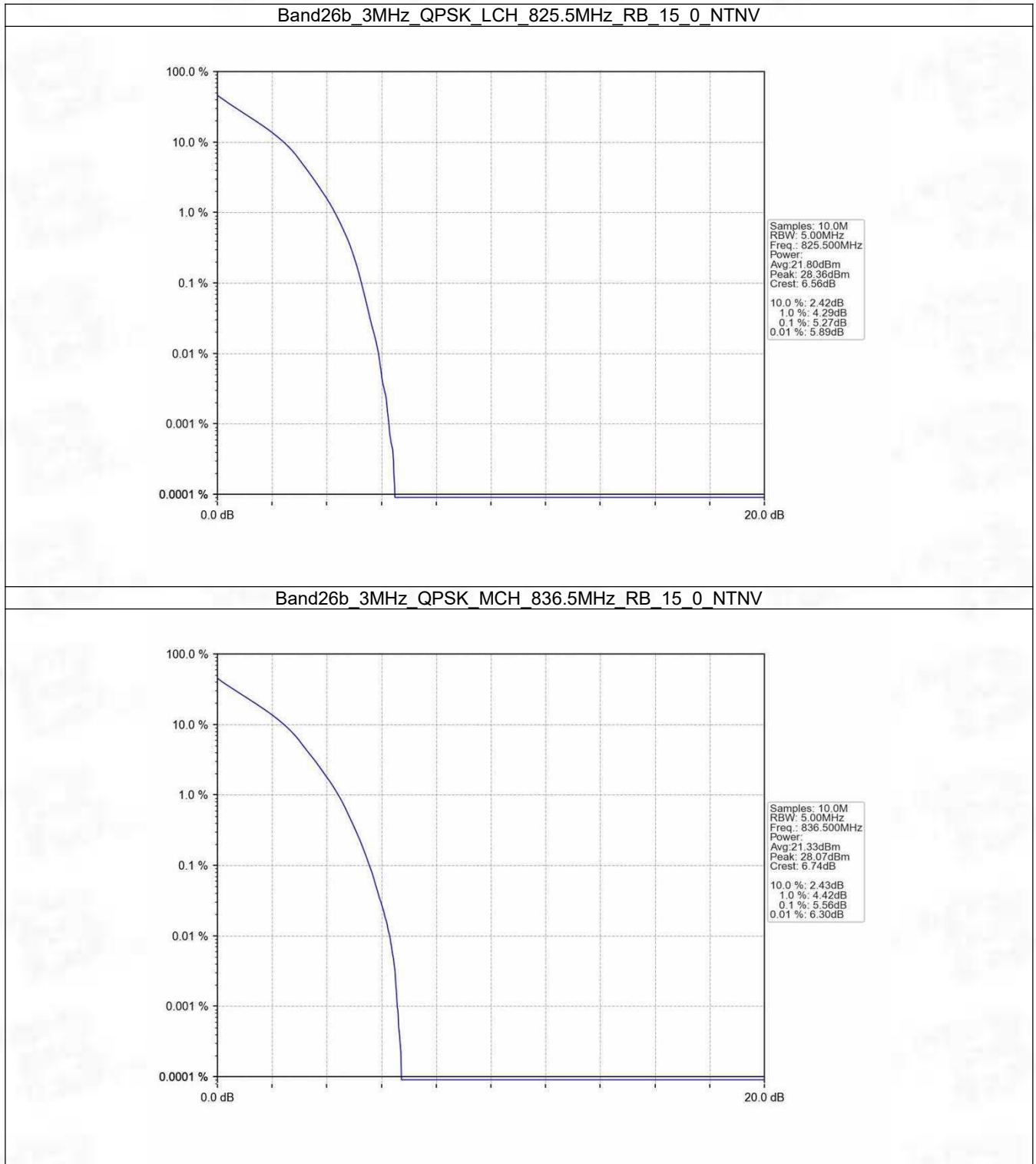
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



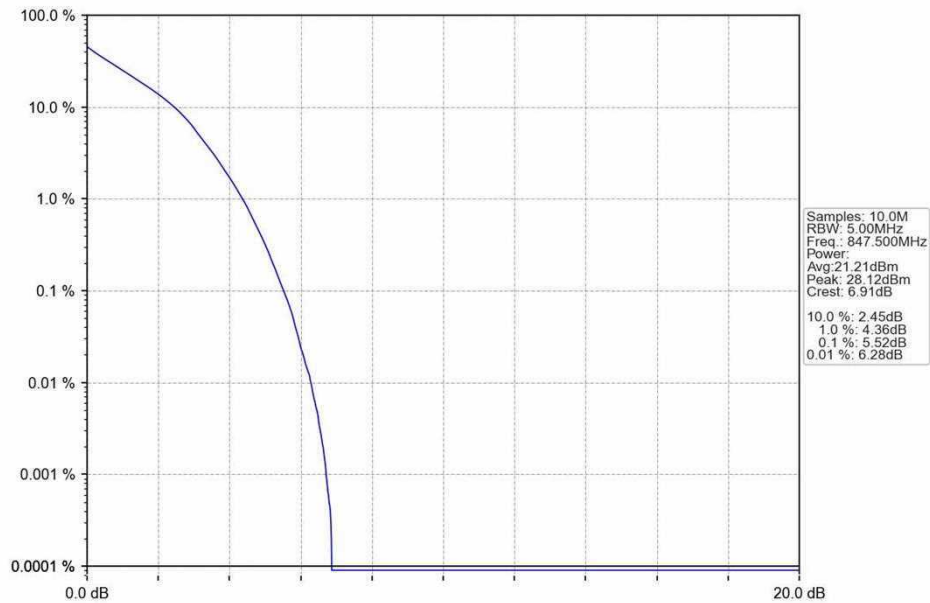
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



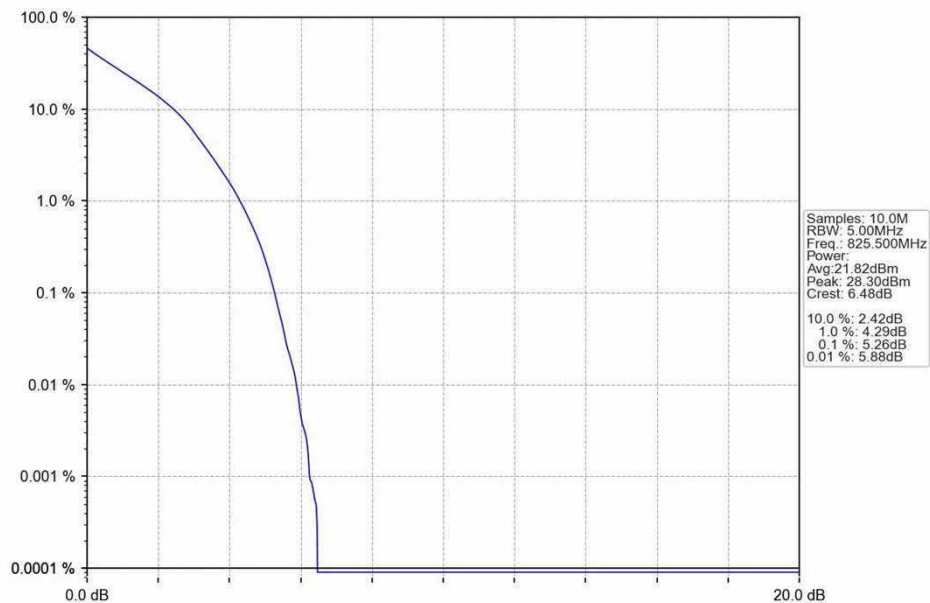
5.2.2 B26b_3MHz



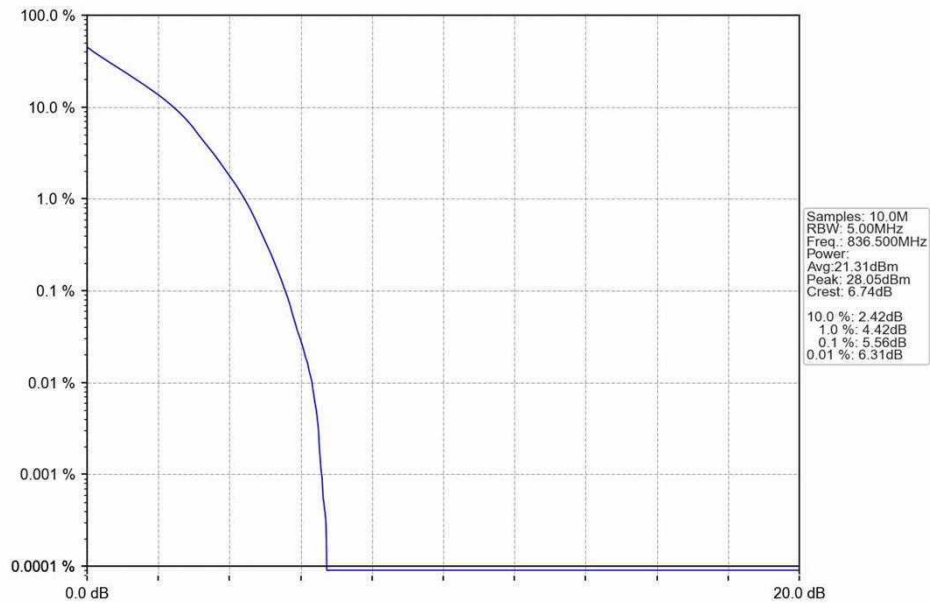
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



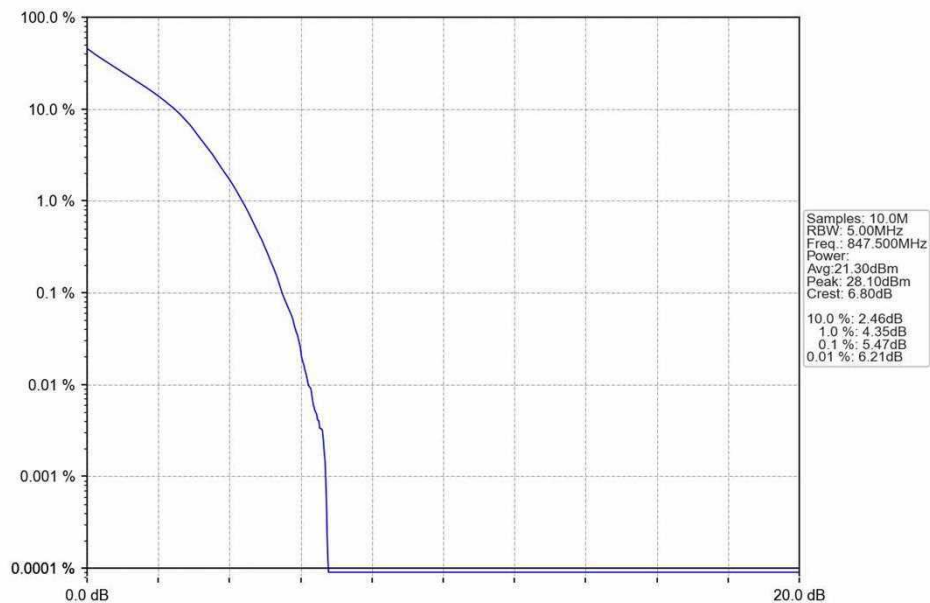
Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



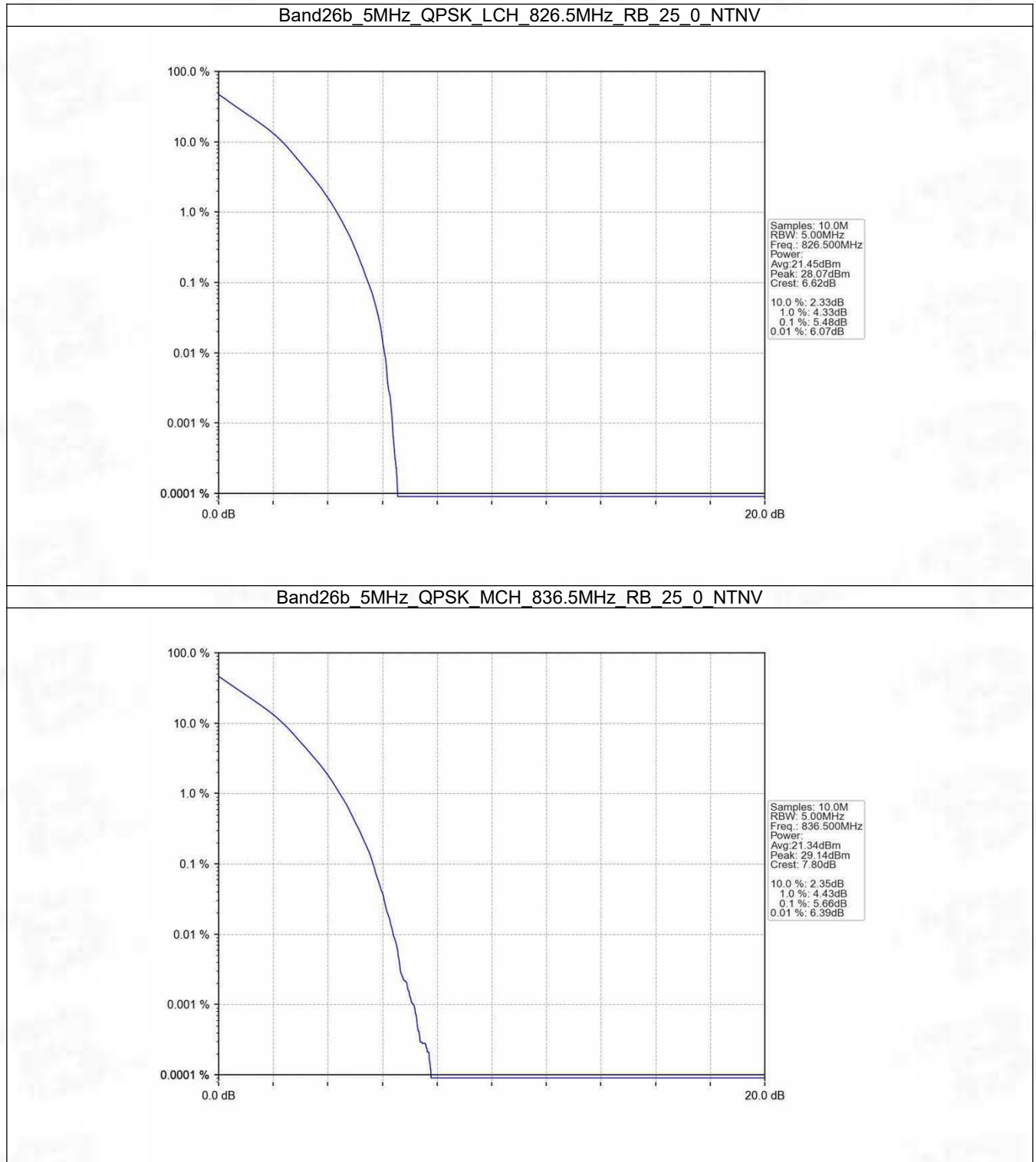
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



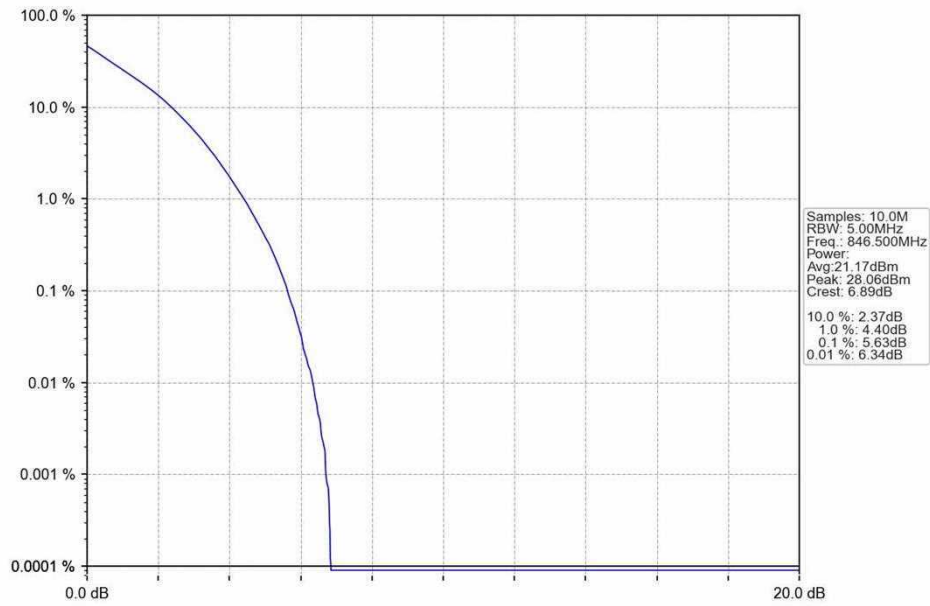
Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



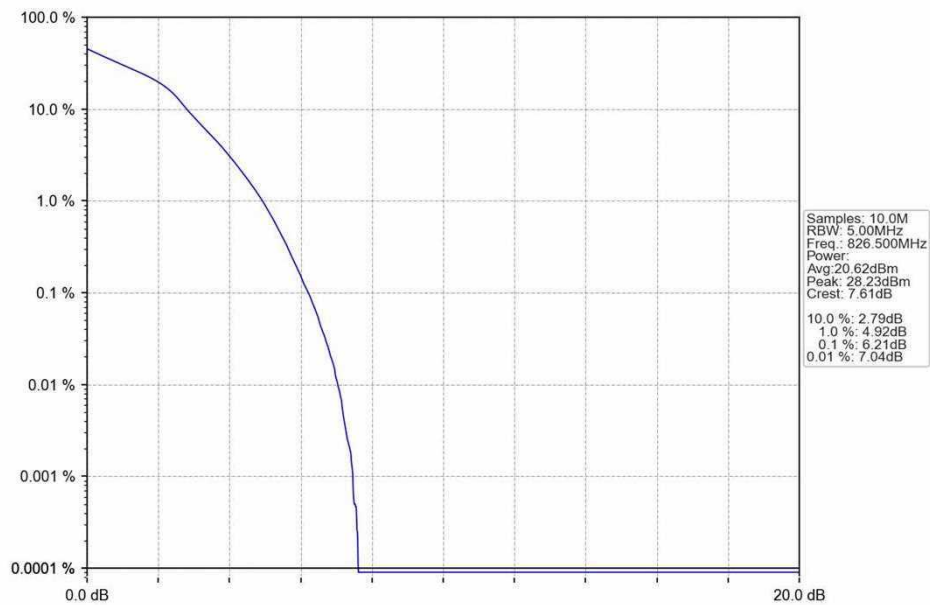
5.2.3 B26b_5MHz



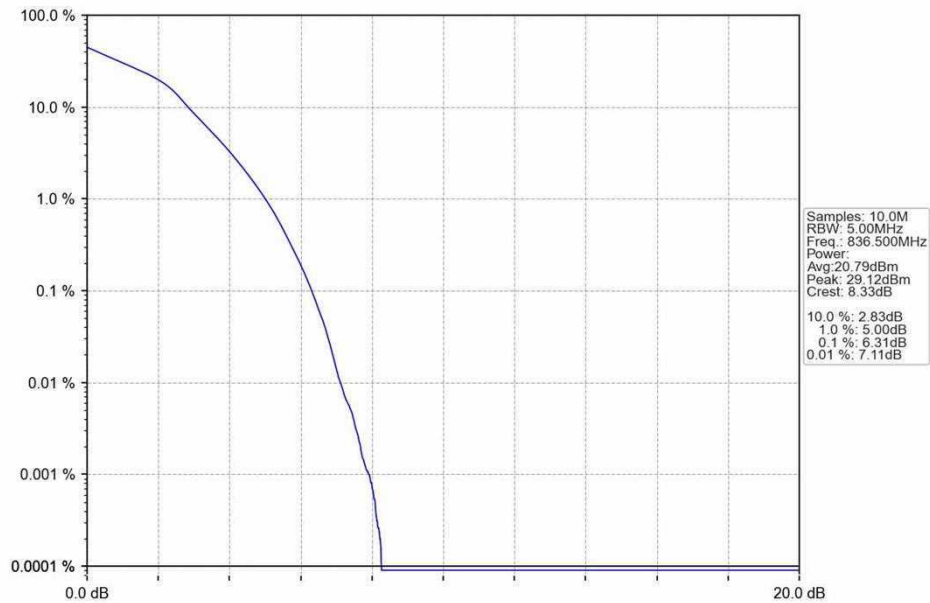
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



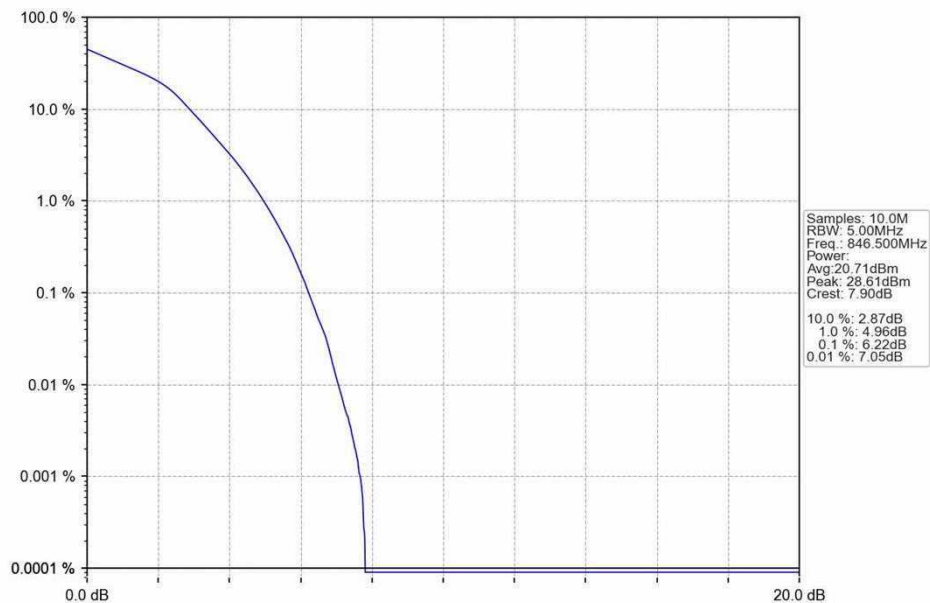
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



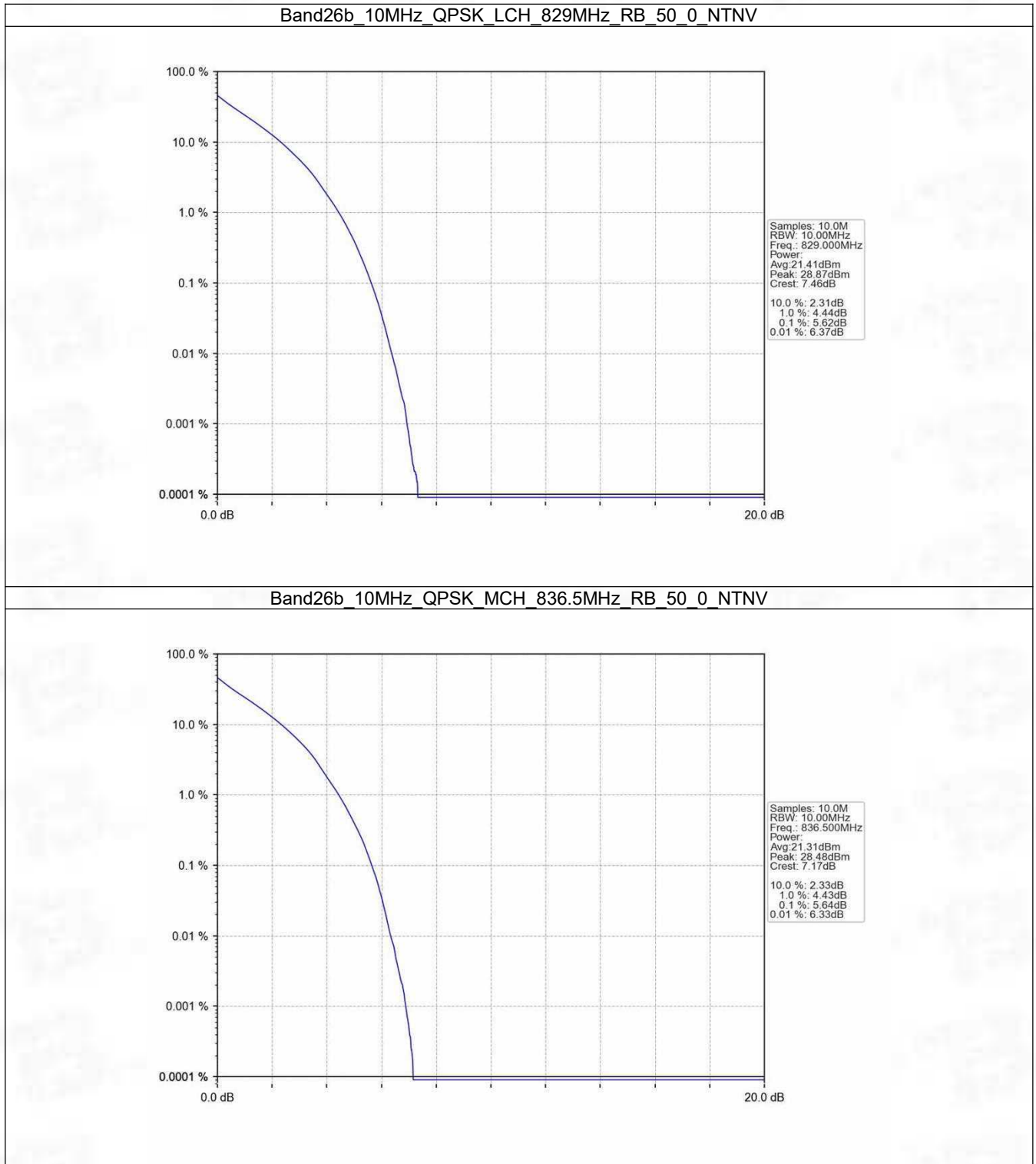
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



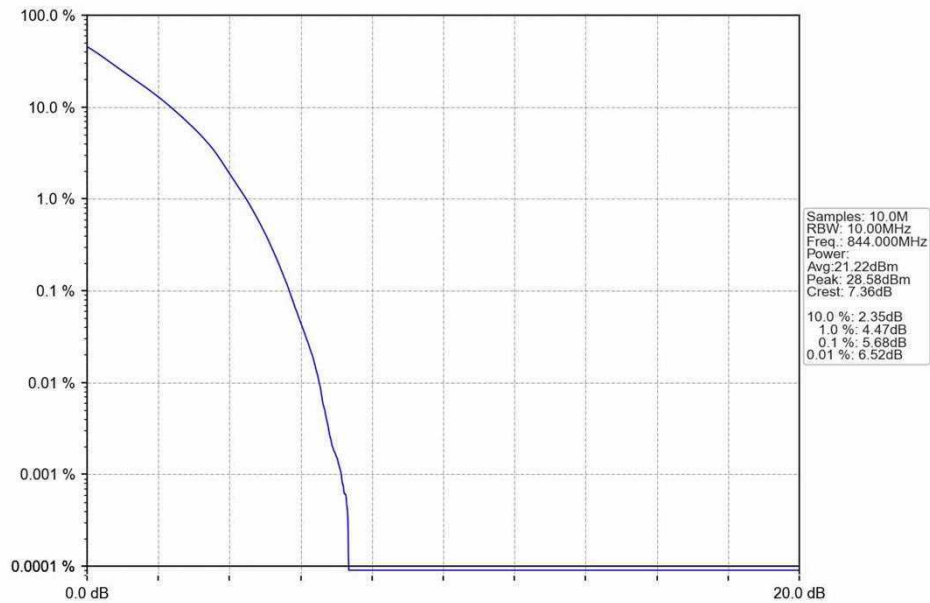
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



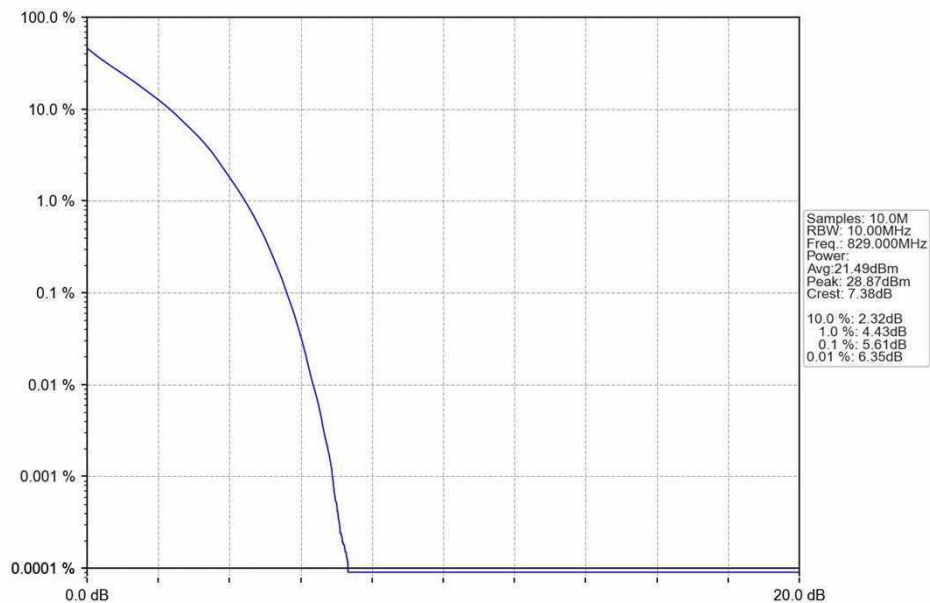
5.2.4 B26b_10MHz



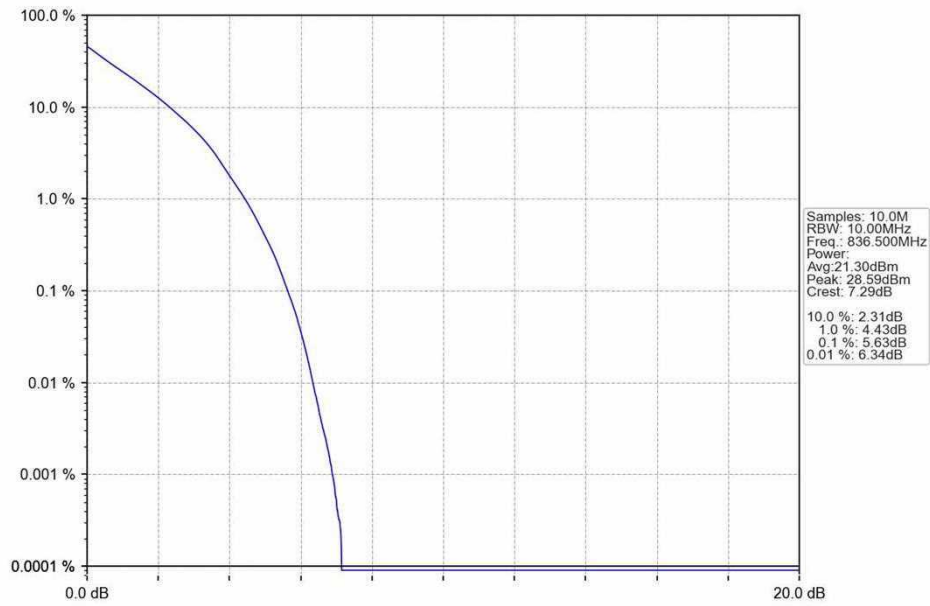
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



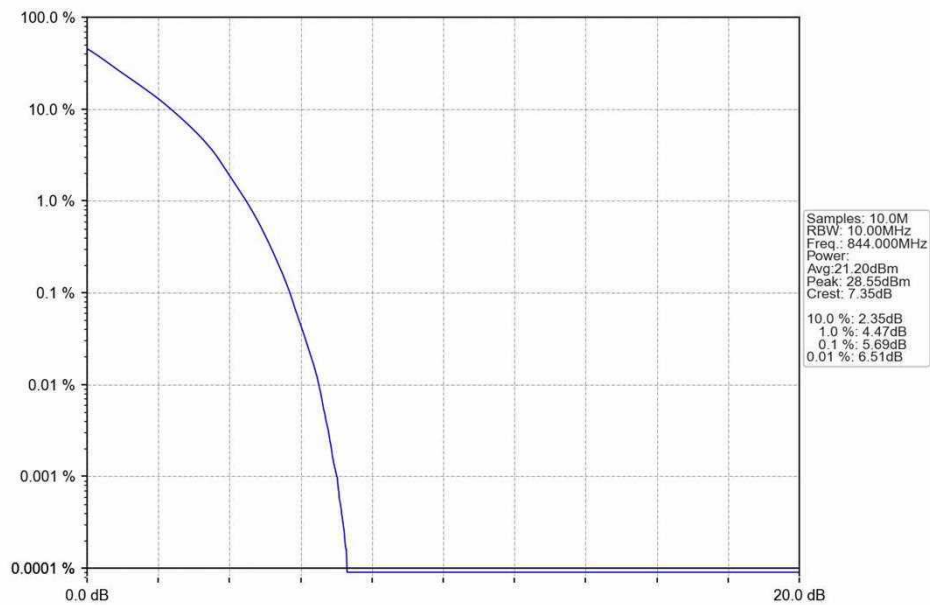
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



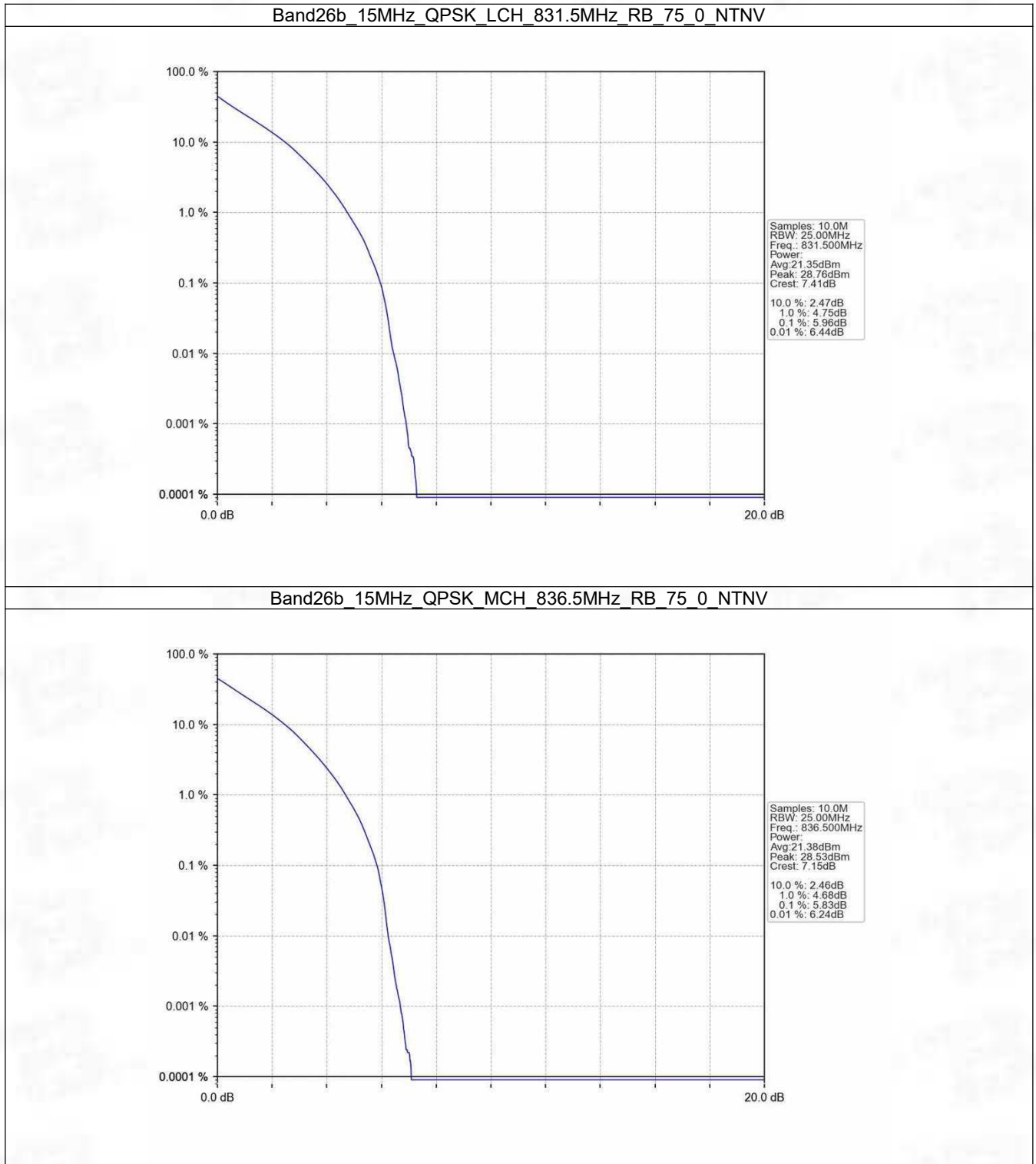
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



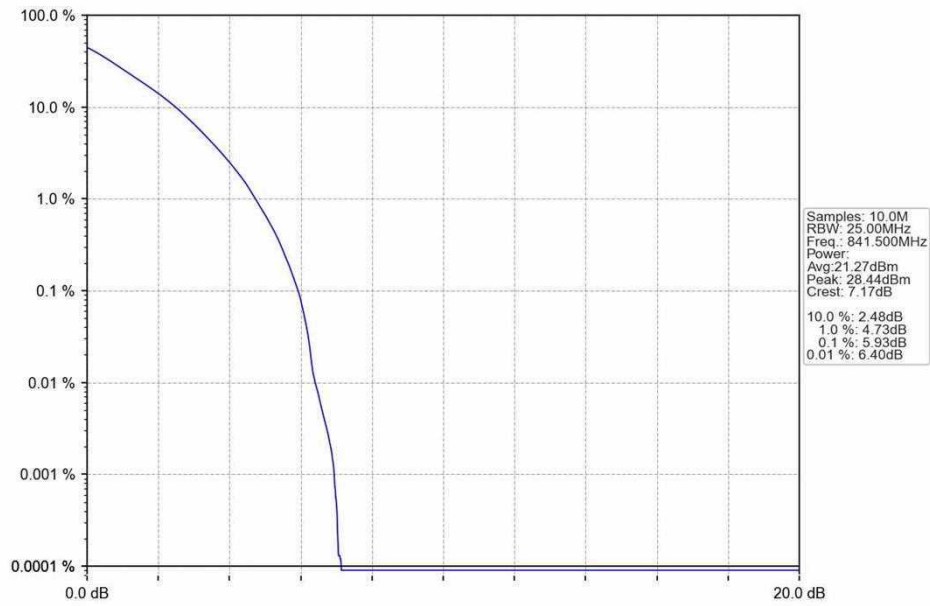
Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



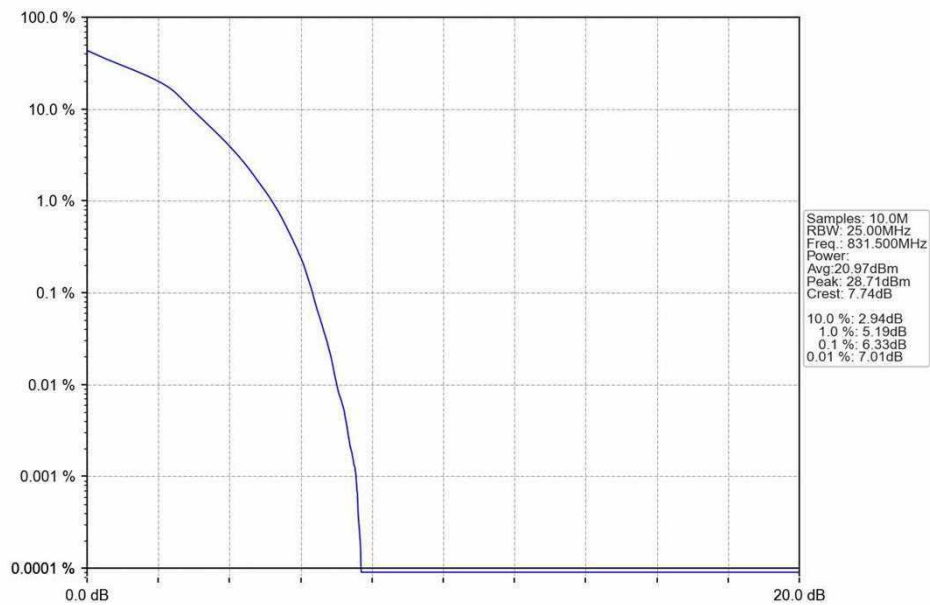
5.2.5 B26b_15MHz



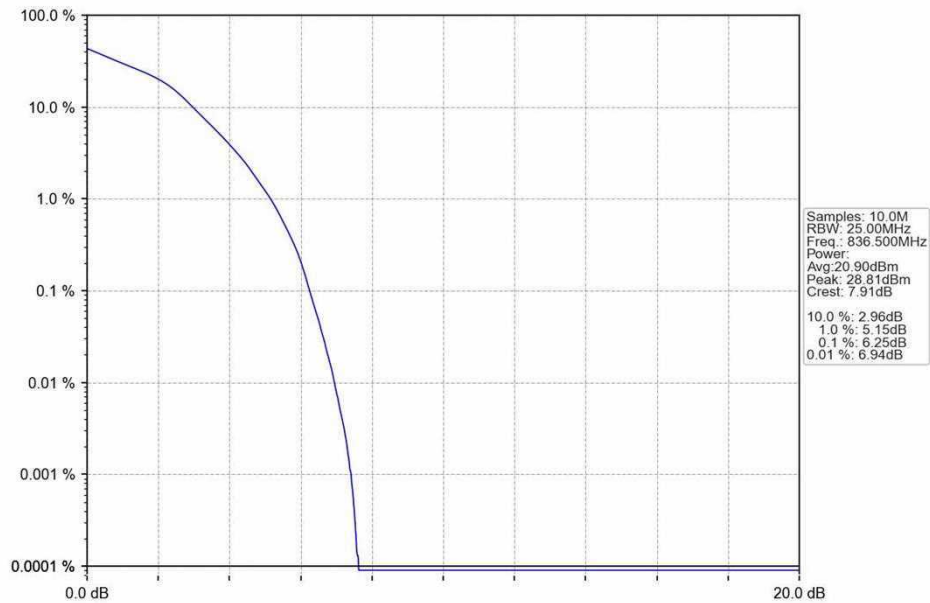
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



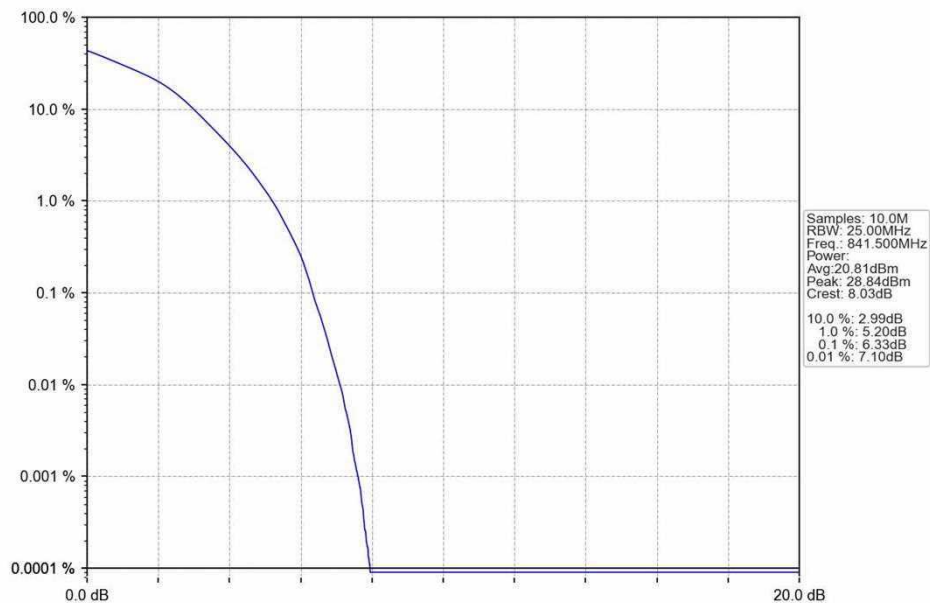
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass

	836.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B26b_10MHz

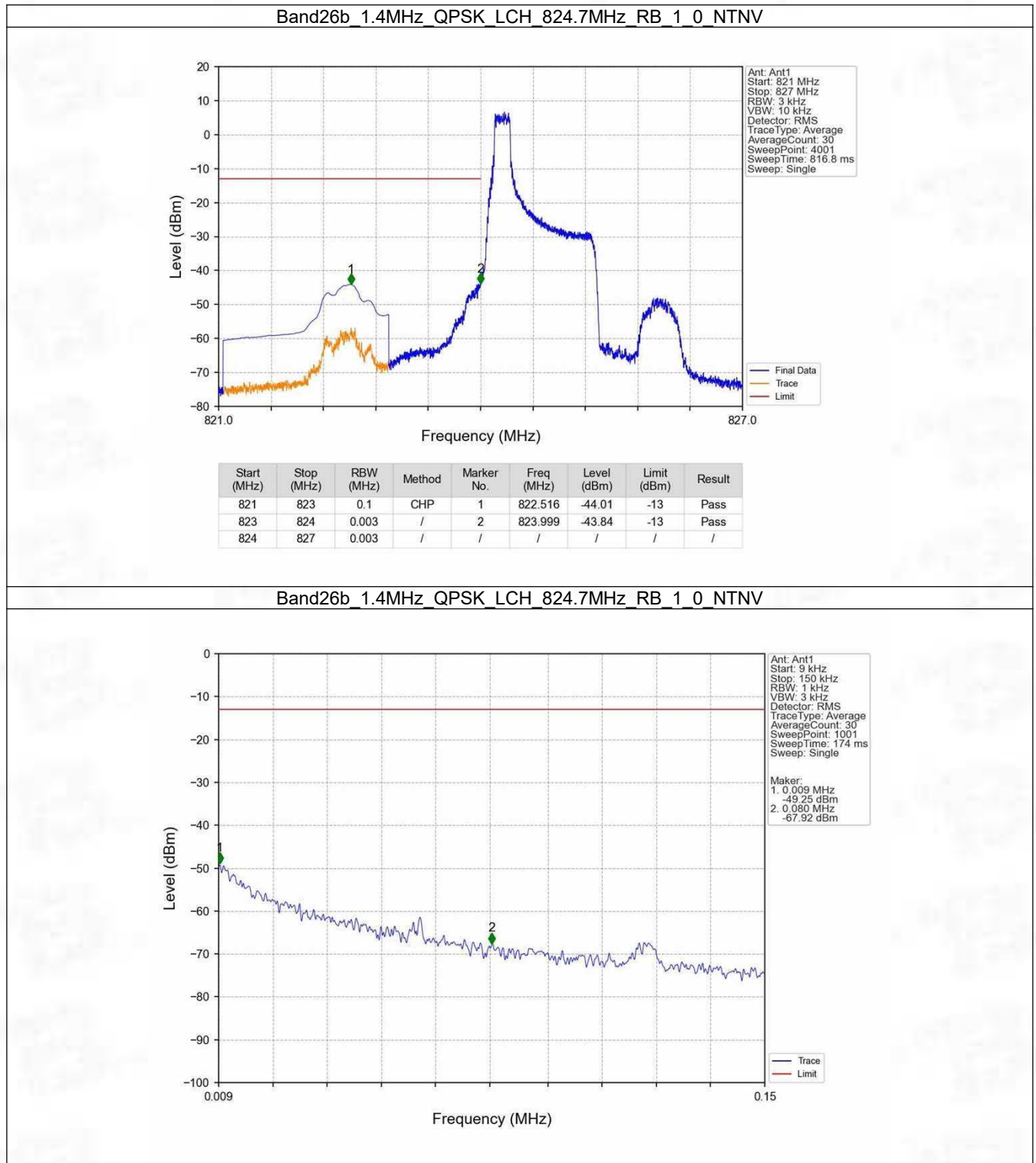
Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B26b_15MHz

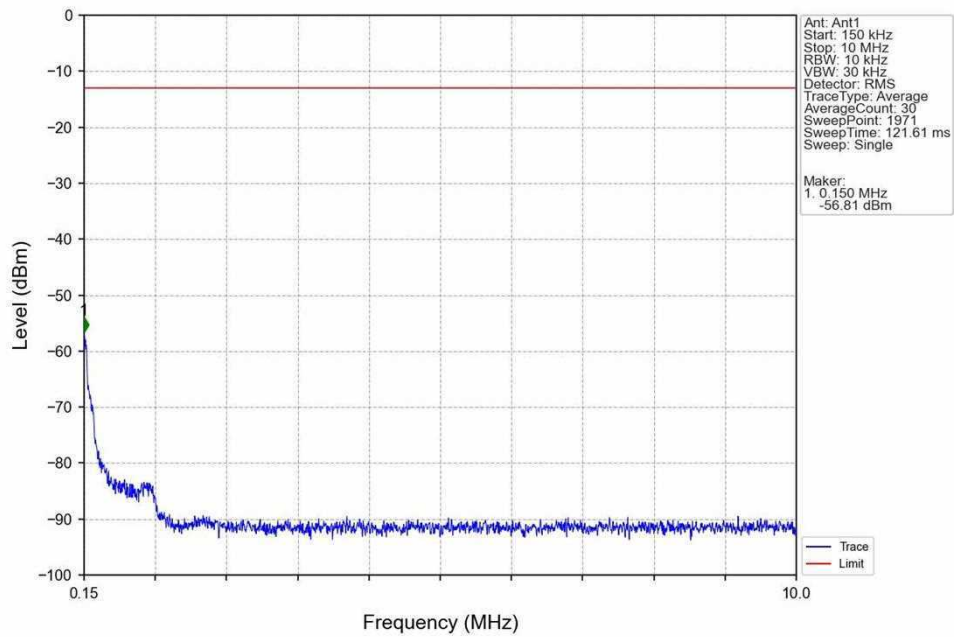
Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	831.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.2 Test Graph

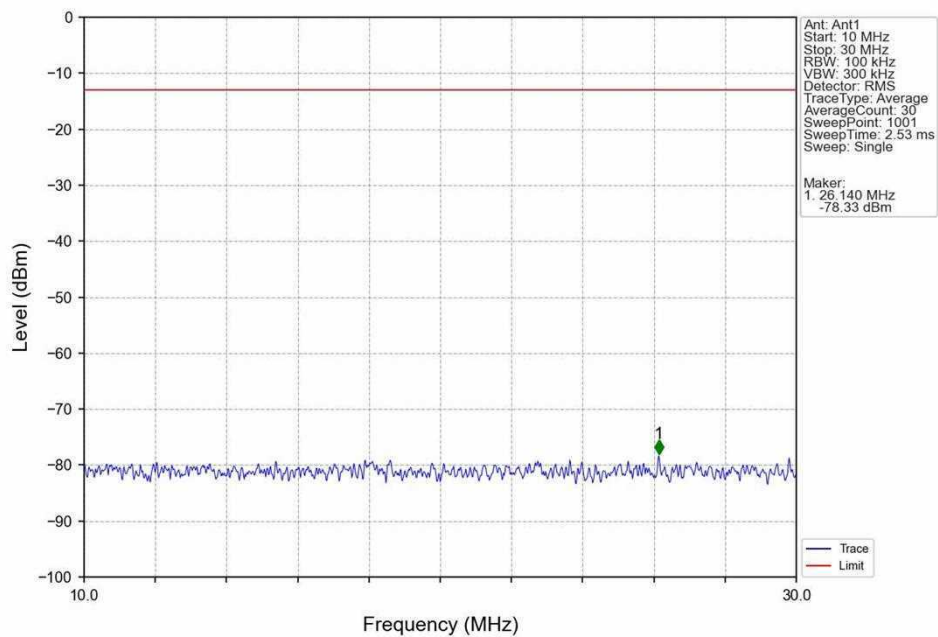
6.2.1 B26b_1.4MHz



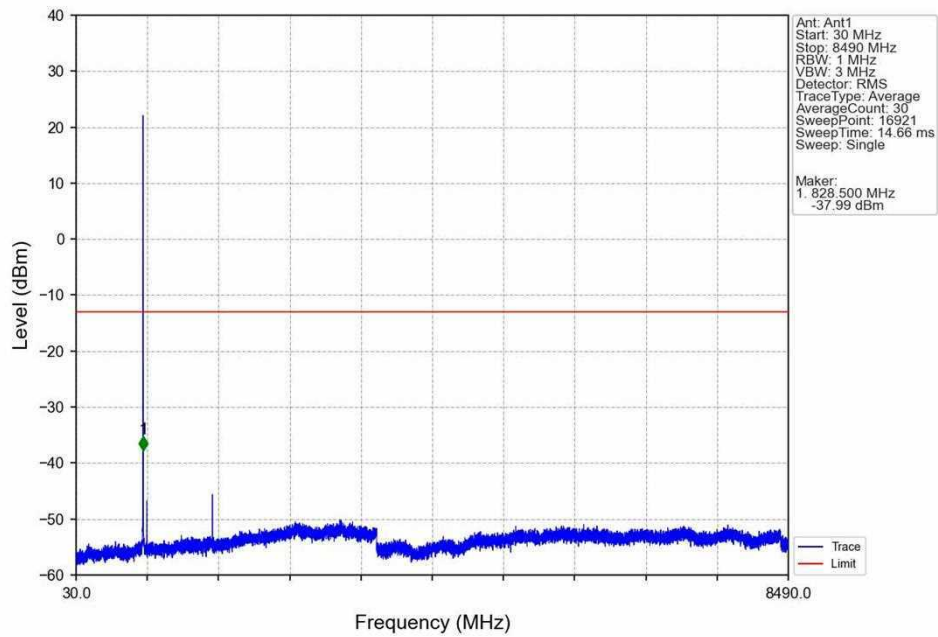
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



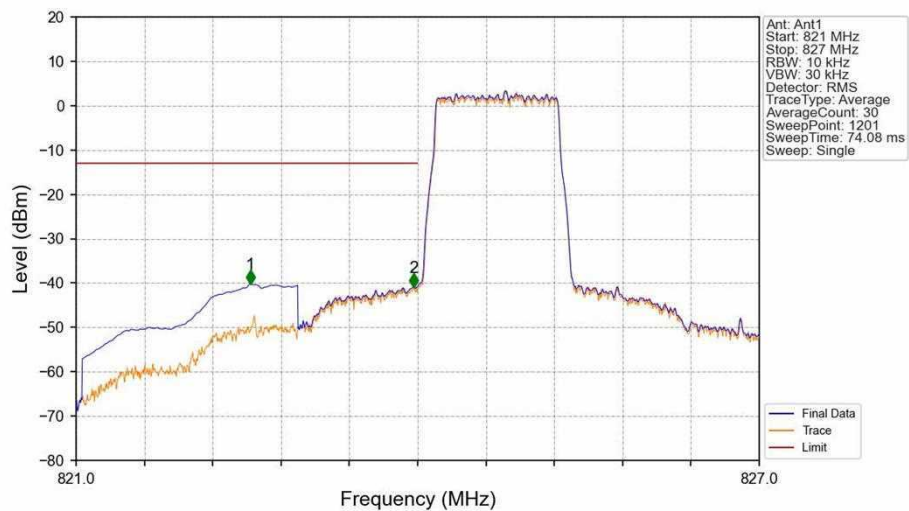
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

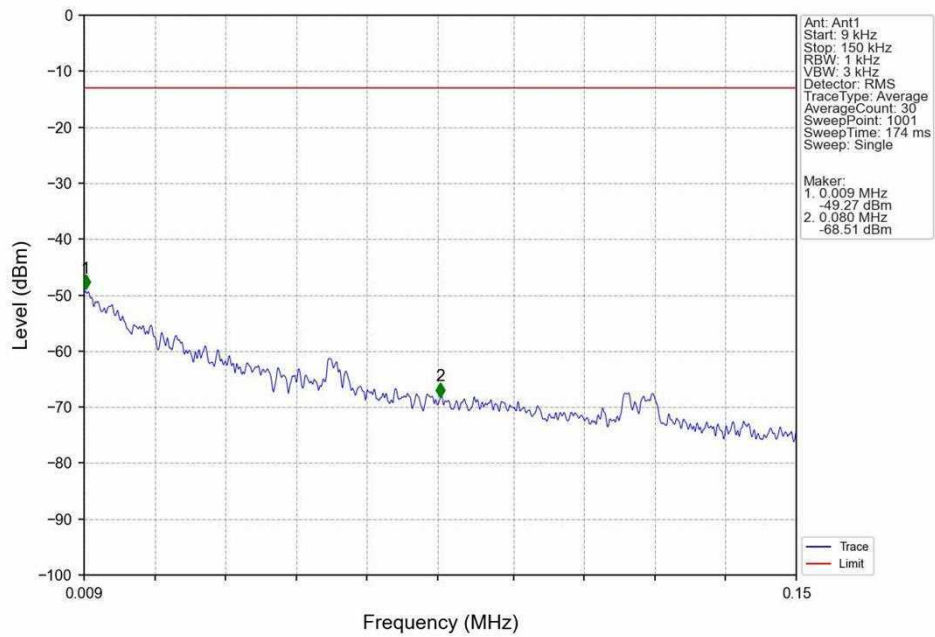


Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

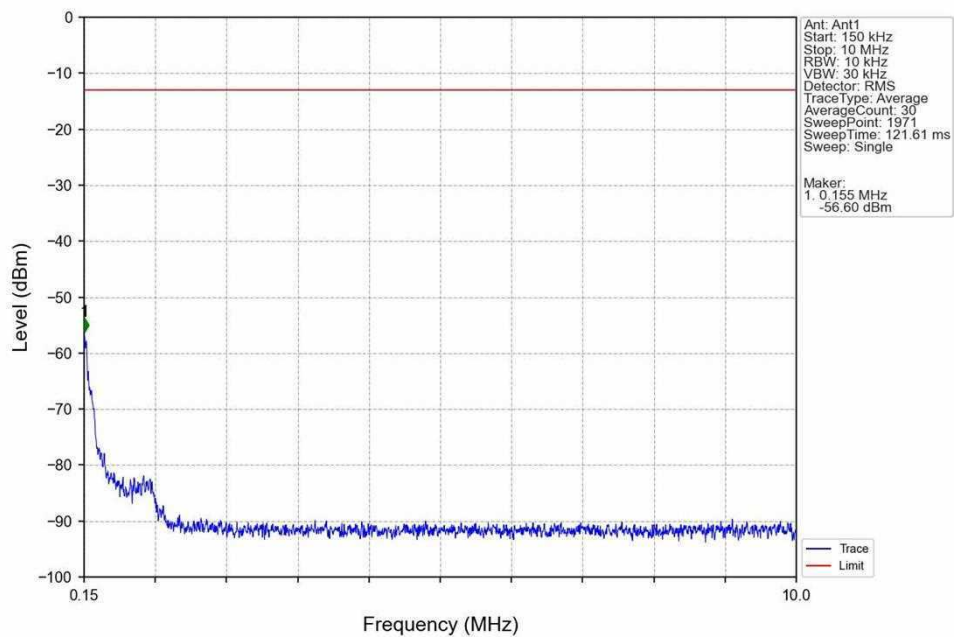


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.530	-40.21	-13	Pass
823	824	0.013	CHP	2	823.965	-40.90	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

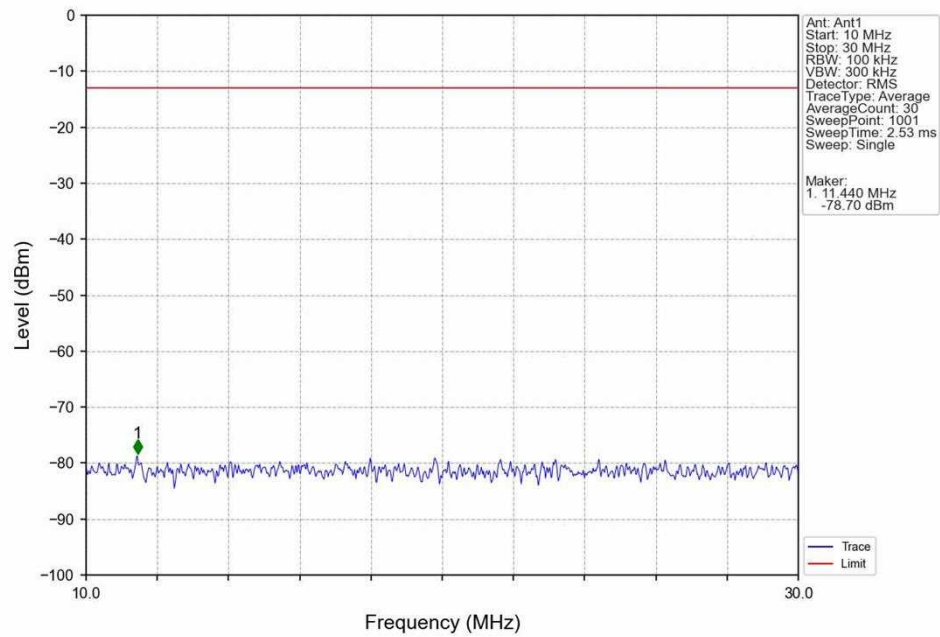
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



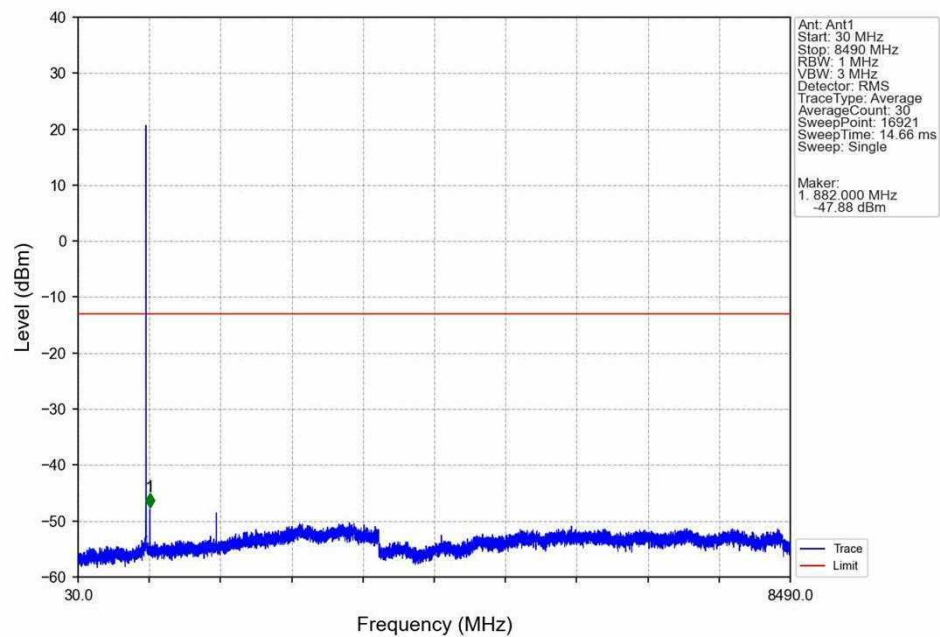
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



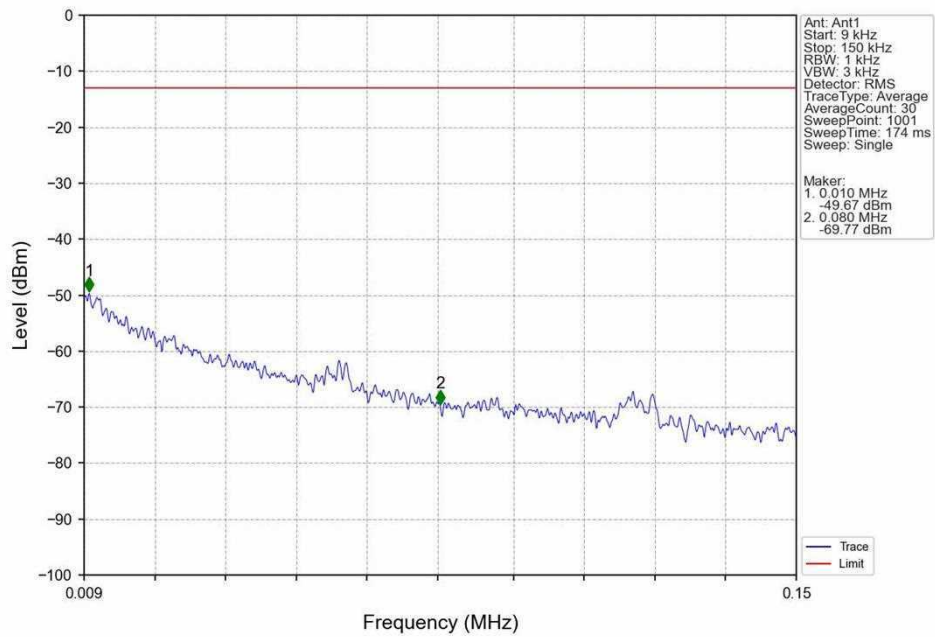
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



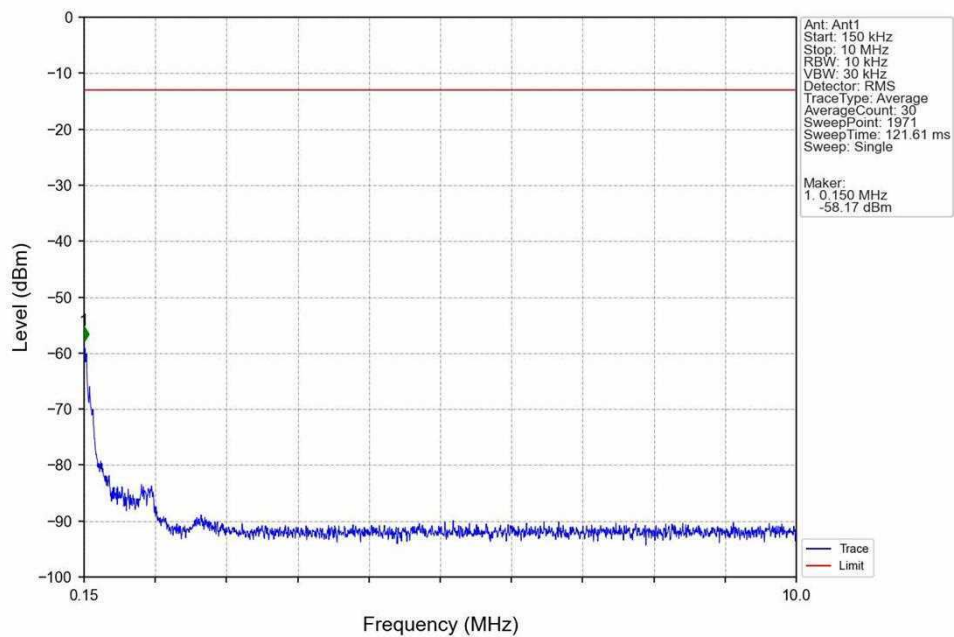
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



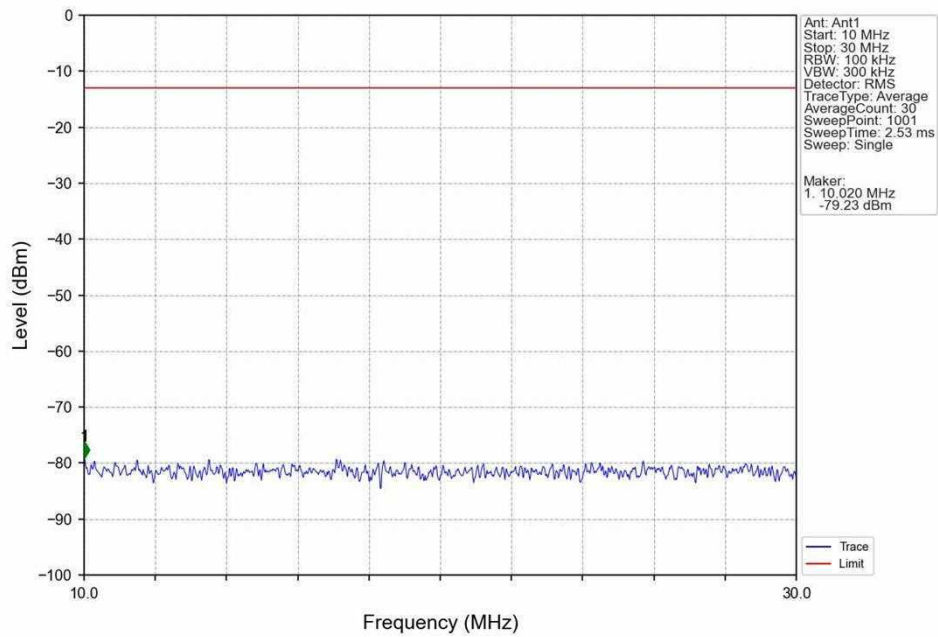
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

