

Appendix - LTE_band_5

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / 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	22.16	-1.34	18.67	<=38.45	Pass	
			2	22.17	-1.34	18.68	<=38.45	Pass	
			5	22.18	-1.34	18.69	<=38.45	Pass	
		3	0	22.12	-1.34	18.63	<=38.45	Pass	
			2	22.15	-1.34	18.66	<=38.45	Pass	
			3	22.09	-1.34	18.60	<=38.45	Pass	
		6	0	21.18	-1.34	17.69	<=38.45	Pass	
		836.5	1	0	22.11	-1.34	18.62	<=38.45	Pass
				2	22.29	-1.34	18.80	<=38.45	Pass
	5			22.34	-1.34	18.85	<=38.45	Pass	
	3		0	22.24	-1.34	18.75	<=38.45	Pass	
			2	22.26	-1.34	18.77	<=38.45	Pass	
			3	22.27	-1.34	18.78	<=38.45	Pass	
	6		0	21.73	-1.34	18.24	<=38.45	Pass	
	848.3		1	0	22.19	-1.34	18.70	<=38.45	Pass
				2	22.37	-1.34	18.88	<=38.45	Pass
		5		22.33	-1.34	18.84	<=38.45	Pass	
		3	0	22.26	-1.34	18.77	<=38.45	Pass	
			2	22.42	-1.34	18.93	<=38.45	Pass	
			3	22.39	-1.34	18.90	<=38.45	Pass	
		6	0	21.26	-1.34	17.77	<=38.45	Pass	
16QAM		824.7	1	0	21.15	-1.34	17.66	<=38.45	Pass
				2	21.19	-1.34	17.70	<=38.45	Pass
	5			21.12	-1.34	17.63	<=38.45	Pass	
	3		0	20.89	-1.34	17.40	<=38.45	Pass	
			2	20.85	-1.34	17.36	<=38.45	Pass	
			3	20.92	-1.34	17.43	<=38.45	Pass	
	6		0	20.15	-1.34	16.66	<=38.45	Pass	
	836.5	1	0	21.96	-1.34	18.47	<=38.45	Pass	
			2	22.29	-1.34	18.80	<=38.45	Pass	
			5	22.30	-1.34	18.81	<=38.45	Pass	
		3	0	21.63	-1.34	18.14	<=38.45	Pass	
			2	21.63	-1.34	18.14	<=38.45	Pass	
			3	21.66	-1.34	18.17	<=38.45	Pass	
		6	0	20.97	-1.34	17.48	<=38.45	Pass	
	848.3	1	0	21.86	-1.34	18.37	<=38.45	Pass	
			2	21.82	-1.34	18.33	<=38.45	Pass	
			5	21.83	-1.34	18.34	<=38.45	Pass	
		3	0	21.10	-1.34	17.61	<=38.45	Pass	
			2	21.18	-1.34	17.69	<=38.45	Pass	
			3	21.20	-1.34	17.71	<=38.45	Pass	
		6	0	20.72	-1.34	17.23	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B5_3MHz_ERP

Band: 5 / 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	22.19	-1.34	18.70	<=38.45	Pass	
			7	22.18	-1.34	18.69	<=38.45	Pass	
			14	22.21	-1.34	18.72	<=38.45	Pass	
		8	0	21.18	-1.34	17.69	<=38.45	Pass	
			4	21.25	-1.34	17.76	<=38.45	Pass	
			7	21.20	-1.34	17.71	<=38.45	Pass	
		15	0	21.17	-1.34	17.68	<=38.45	Pass	
		836.5	1	0	22.15	-1.34	18.66	<=38.45	Pass
				7	22.24	-1.34	18.75	<=38.45	Pass
	14			22.25	-1.34	18.76	<=38.45	Pass	
	8		0	21.27	-1.34	17.78	<=38.45	Pass	
			4	21.69	-1.34	18.20	<=38.45	Pass	
			7	21.55	-1.34	18.06	<=38.45	Pass	
	15	0	21.67	-1.34	18.18	<=38.45	Pass		
	847.5	1	0	22.23	-1.34	18.74	<=38.45	Pass	
			7	22.24	-1.34	18.75	<=38.45	Pass	
			14	22.31	-1.34	18.82	<=38.45	Pass	
		8	0	21.33	-1.34	17.84	<=38.45	Pass	
			4	21.32	-1.34	17.83	<=38.45	Pass	
			7	21.35	-1.34	17.86	<=38.45	Pass	
		15	0	21.35	-1.34	17.86	<=38.45	Pass	
16QAM		825.5	1	0	21.20	-1.34	17.71	<=38.45	Pass
				7	21.21	-1.34	17.72	<=38.45	Pass
	14			21.13	-1.34	17.64	<=38.45	Pass	
	8		0	20.29	-1.34	16.80	<=38.45	Pass	
			4	20.26	-1.34	16.77	<=38.45	Pass	
			7	20.81	-1.34	17.32	<=38.45	Pass	
	15		0	20.11	-1.34	16.62	<=38.45	Pass	
	836.5		1	0	22.55	-1.34	19.06	<=38.45	Pass
				7	22.91	-1.34	19.42	<=38.45	Pass
		14		22.92	-1.34	19.43	<=38.45	Pass	
		8	0	20.29	-1.34	16.80	<=38.45	Pass	
			4	20.81	-1.34	17.32	<=38.45	Pass	
			7	20.78	-1.34	17.29	<=38.45	Pass	
	15	0	20.67	-1.34	17.18	<=38.45	Pass		
	847.5	1	0	22.02	-1.34	18.53	<=38.45	Pass	
			7	22.00	-1.34	18.51	<=38.45	Pass	
			14	21.99	-1.34	18.50	<=38.45	Pass	
		8	0	20.49	-1.34	17.00	<=38.45	Pass	
			4	20.44	-1.34	16.95	<=38.45	Pass	
			7	20.93	-1.34	17.44	<=38.45	Pass	
		15	0	20.35	-1.34	16.86	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B5_5MHz_ERP

Band: 5 / 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	21.99	-1.34	18.50	<=38.45	Pass
			13	22.05	-1.34	18.56	<=38.45	Pass
			24	22.06	-1.34	18.57	<=38.45	Pass
		12	0	21.15	-1.34	17.66	<=38.45	Pass
			6	21.17	-1.34	17.68	<=38.45	Pass
			13	21.21	-1.34	17.72	<=38.45	Pass

16QAM	836.5	1	25	0	21.20	-1.34	17.71	<=38.45	Pass
			1	0	22.22	-1.34	18.73	<=38.45	Pass
				13	22.24	-1.34	18.75	<=38.45	Pass
				24	22.24	-1.34	18.75	<=38.45	Pass
		12	12	0	21.25	-1.34	17.76	<=38.45	Pass
				6	21.65	-1.34	18.16	<=38.45	Pass
				13	21.70	-1.34	18.21	<=38.45	Pass
		25	25	0	21.72	-1.34	18.23	<=38.45	Pass
				0	22.20	-1.34	18.71	<=38.45	Pass
				13	22.17	-1.34	18.68	<=38.45	Pass
16QAM	846.5	1	1	24	22.25	-1.34	18.76	<=38.45	Pass
				0	21.21	-1.34	17.72	<=38.45	Pass
				6	21.34	-1.34	17.85	<=38.45	Pass
		12	12	13	21.27	-1.34	17.78	<=38.45	Pass
				0	21.25	-1.34	17.76	<=38.45	Pass
		25	25	0	21.64	-1.34	18.15	<=38.45	Pass
				13	21.68	-1.34	18.19	<=38.45	Pass
				24	21.66	-1.34	18.17	<=38.45	Pass
		12	12	0	20.08	-1.34	16.59	<=38.45	Pass
				6	20.61	-1.34	17.12	<=38.45	Pass
				13	20.66	-1.34	17.17	<=38.45	Pass
	836.5	1	1	0	20.68	-1.34	17.19	<=38.45	Pass
				0	21.63	-1.34	18.14	<=38.45	Pass
				13	22.05	-1.34	18.56	<=38.45	Pass
		12	12	24	21.59	-1.34	18.10	<=38.45	Pass
				0	20.05	-1.34	16.56	<=38.45	Pass
				6	20.83	-1.34	17.34	<=38.45	Pass
		25	25	13	20.79	-1.34	17.30	<=38.45	Pass
				0	20.76	-1.34	17.27	<=38.45	Pass
		1	1	0	20.80	-1.34	17.31	<=38.45	Pass
				13	20.85	-1.34	17.36	<=38.45	Pass
				24	20.86	-1.34	17.37	<=38.45	Pass
16QAM	846.5	12	12	0	20.24	-1.34	16.75	<=38.45	Pass
				6	20.19	-1.34	16.70	<=38.45	Pass
				13	20.16	-1.34	16.67	<=38.45	Pass
		25	25	0	20.31	-1.34	16.82	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.13	-1.34	18.64	<=38.45	Pass
			25	22.16	-1.34	18.67	<=38.45	Pass
			49	22.22	-1.34	18.73	<=38.45	Pass
		25	0	21.23	-1.34	17.74	<=38.45	Pass
			13	21.17	-1.34	17.68	<=38.45	Pass
			25	21.20	-1.34	17.71	<=38.45	Pass
		50	0	21.10	-1.34	17.61	<=38.45	Pass
			0	22.08	-1.34	18.59	<=38.45	Pass
			25	22.13	-1.34	18.64	<=38.45	Pass
	836.5	1	49	22.25	-1.34	18.76	<=38.45	Pass
			0	21.24	-1.34	17.75	<=38.45	Pass
			13	21.68	-1.34	18.19	<=38.45	Pass
		25	25	21.22	-1.34	17.73	<=38.45	Pass
			0	21.71	-1.34	18.22	<=38.45	Pass
			0	22.28	-1.34	18.79	<=38.45	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>

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16QAM		25	25	22.30	-1.34	18.81	<=38.45	Pass
			49	22.40	-1.34	18.91	<=38.45	Pass
			0	21.66	-1.34	18.17	<=38.45	Pass
			13	21.23	-1.34	17.74	<=38.45	Pass
			25	21.25	-1.34	17.76	<=38.45	Pass
	50	0	21.23	-1.34	17.74	<=38.45	Pass	Pass
			22.10	-1.34	18.61	<=38.45	Pass	Pass
			22.10	-1.34	18.61	<=38.45	Pass	Pass
			22.08	-1.34	18.59	<=38.45	Pass	Pass
			20.68	-1.34	17.19	<=38.45	Pass	Pass
	829	1	20.62	-1.34	17.13	<=38.45	Pass	Pass
			20.67	-1.34	17.18	<=38.45	Pass	Pass
			20.62	-1.34	17.13	<=38.45	Pass	Pass
			21.19	-1.34	17.70	<=38.45	Pass	Pass
			21.62	-1.34	18.13	<=38.45	Pass	Pass
	836.5	1	21.73	-1.34	18.24	<=38.45	Pass	Pass
			20.36	-1.34	16.87	<=38.45	Pass	Pass
			20.91	-1.34	17.42	<=38.45	Pass	Pass
			20.86	-1.34	17.37	<=38.45	Pass	Pass
			20.78	-1.34	17.29	<=38.45	Pass	Pass
	844	1	21.81	-1.34	18.32	<=38.45	Pass	Pass
			21.90	-1.34	18.41	<=38.45	Pass	Pass
			21.96	-1.34	18.47	<=38.45	Pass	Pass
			20.76	-1.34	17.27	<=38.45	Pass	Pass
			20.28	-1.34	16.79	<=38.45	Pass	Pass
		25	20.31	-1.34	16.82	<=38.45	Pass	Pass
			20.31	-1.34	16.82	<=38.45	Pass	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / 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	-9.785	-0.0119	-2.5 to 2.5	Pass
					3.85	-42.529	-0.0516	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-12.617	-0.0153	-2.5 to 2.5	Pass
				-20	3.85	-36.678	-0.0445	-2.5 to 2.5	Pass
				-10	3.85	-23.417	-0.0284	-2.5 to 2.5	Pass
				0	3.85	-42.386	-0.0514	-2.5 to 2.5	Pass
				10	3.85	-15.936	-0.0193	-2.5 to 2.5	Pass
				30	3.85	-44.303	-0.0537	-2.5 to 2.5	Pass
				40	3.85	-26.150	-0.0317	-2.5 to 2.5	Pass
				50	3.85	-45.347	-0.0550	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	12.002	0.0143	-2.5 to 2.5	Pass
					3.85	2.289	0.0027	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-23.532	-0.0281	-2.5 to 2.5	Pass
				-20	3.85	-36.249	-0.0433	-2.5 to 2.5	Pass
				-10	3.85	5.536	0.0066	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0049	-2.5 to 2.5	Pass

	848.3	6	0	10	3.85	-14.377	-0.0172	-2.5 to 2.5	Pass
				30	3.85	-24.619	-0.0294	-2.5 to 2.5	Pass
				40	3.85	-28.725	-0.0343	-2.5 to 2.5	Pass
				50	3.85	-32.902	-0.0393	-2.5 to 2.5	Pass
				20	3.27	-27.008	-0.0318	-2.5 to 2.5	Pass
					3.85	-35.133	-0.0414	-2.5 to 2.5	Pass
					4.43	-20.957	-0.0247	-2.5 to 2.5	Pass
				-30	3.85	-17.824	-0.0210	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-15.907	-0.0188	-2.5 to 2.5	Pass
				0	3.85	-26.221	-0.0309	-2.5 to 2.5	Pass
				10	3.85	-22.974	-0.0271	-2.5 to 2.5	Pass
				30	3.85	-11.201	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-41.256	-0.0486	-2.5 to 2.5	Pass
				50	3.85	-26.221	-0.0309	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-36.492	-0.0442	-2.5 to 2.5	Pass
					3.85	-10.071	-0.0122	-2.5 to 2.5	Pass
					4.43	-30.999	-0.0376	-2.5 to 2.5	Pass
				-30	3.85	-13.261	-0.0161	-2.5 to 2.5	Pass
				-20	3.85	-45.075	-0.0547	-2.5 to 2.5	Pass
				-10	3.85	-42.815	-0.0519	-2.5 to 2.5	Pass
				0	3.85	-30.370	-0.0368	-2.5 to 2.5	Pass
				10	3.85	-13.118	-0.0159	-2.5 to 2.5	Pass
				30	3.85	-41.041	-0.0498	-2.5 to 2.5	Pass
				40	3.85	-17.781	-0.0216	-2.5 to 2.5	Pass
	836.5	6	0	50	3.85	-22.888	-0.0278	-2.5 to 2.5	Pass
				20	3.27	-34.132	-0.0408	-2.5 to 2.5	Pass
					3.85	-38.066	-0.0455	-2.5 to 2.5	Pass
					4.43	-43.931	-0.0525	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.85	4.406	0.0053	-2.5 to 2.5	Pass
				-10	3.85	7.739	0.0093	-2.5 to 2.5	Pass
				0	3.85	3.548	0.0042	-2.5 to 2.5	Pass
				10	3.85	-7.267	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-11.158	-0.0133	-2.5 to 2.5	Pass
	848.3	6	0	40	3.85	-26.436	-0.0316	-2.5 to 2.5	Pass
				50	3.85	-45.848	-0.0548	-2.5 to 2.5	Pass
				20	3.27	0.315	0.0004	-2.5 to 2.5	Pass
					3.85	-22.917	-0.0270	-2.5 to 2.5	Pass
					4.43	-42.028	-0.0495	-2.5 to 2.5	Pass
				-30	3.85	-7.296	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-21.343	-0.0252	-2.5 to 2.5	Pass
				-10	3.85	-35.276	-0.0416	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-21.443	-0.0253	-2.5 to 2.5	Pass
				30	3.85	-37.966	-0.0448	-2.5 to 2.5	Pass
				40	3.85	-4.349	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-18.525	-0.0218	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / 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	20.800	0.0252	-2.5 to 2.5	Pass
					3.85	6.781	0.0082	-2.5 to 2.5	Pass
					4.43	-10.715	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-26.093	-0.0316	-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>

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				-20	3.85	-38.981	-0.0472	-2.5 to 2.5	Pass
				-10	3.85	-12.116	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-21.758	-0.0264	-2.5 to 2.5	Pass
				10	3.85	-23.918	-0.0290	-2.5 to 2.5	Pass
				30	3.85	-29.655	-0.0359	-2.5 to 2.5	Pass
				40	3.85	-35.949	-0.0435	-2.5 to 2.5	Pass
				50	3.85	-45.276	-0.0548	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	9.971	0.0119	-2.5 to 2.5	Pass
					3.85	3.390	0.0041	-2.5 to 2.5	Pass
					4.43	-7.596	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-6.266	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.722	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-10.829	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-15.993	-0.0191	-2.5 to 2.5	Pass
				40	3.85	-20.499	-0.0245	-2.5 to 2.5	Pass
				50	3.85	-25.606	-0.0306	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	4.578	0.0054	-2.5 to 2.5	Pass
					3.85	-5.264	-0.0062	-2.5 to 2.5	Pass
					4.43	-13.089	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-17.881	-0.0211	-2.5 to 2.5	Pass
				-20	3.85	-24.233	-0.0286	-2.5 to 2.5	Pass
				-10	3.85	-34.161	-0.0403	-2.5 to 2.5	Pass
				0	3.85	-42.615	-0.0503	-2.5 to 2.5	Pass
				10	3.85	3.991	0.0047	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0061	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-1.817	-0.0022	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0003	-2.5 to 2.5	Pass
					4.43	5.393	0.0065	-2.5 to 2.5	Pass
				-30	3.85	13.890	0.0168	-2.5 to 2.5	Pass
				-20	3.85	11.172	0.0135	-2.5 to 2.5	Pass
				-10	3.85	6.166	0.0075	-2.5 to 2.5	Pass
				0	3.85	3.147	0.0038	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.608	-0.0068	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-29.955	-0.0358	-2.5 to 2.5	Pass
					3.85	-25.692	-0.0307	-2.5 to 2.5	Pass
					4.43	-22.759	-0.0272	-2.5 to 2.5	Pass
				-30	3.85	-21.787	-0.0260	-2.5 to 2.5	Pass
				-20	3.85	-16.022	-0.0192	-2.5 to 2.5	Pass
				-10	3.85	-12.546	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-13.075	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-12.875	-0.0154	-2.5 to 2.5	Pass
				30	3.85	-14.591	-0.0174	-2.5 to 2.5	Pass
				40	3.85	-13.890	-0.0166	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-13.990	-0.0165	-2.5 to 2.5	Pass
					3.85	-11.945	-0.0141	-2.5 to 2.5	Pass
					4.43	-11.816	-0.0139	-2.5 to 2.5	Pass
				-30	3.85	-8.655	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-7.653	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-8.426	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-7.124	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-9.027	-0.0107	-2.5 to 2.5	Pass

				30	3.85	-6.680	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0079	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / 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	-25.477	-0.0308	-2.5 to 2.5	Pass
					3.85	-24.691	-0.0299	-2.5 to 2.5	Pass
					4.43	2.418	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-21.930	-0.0265	-2.5 to 2.5	Pass
				-20	3.85	-20.242	-0.0245	-2.5 to 2.5	Pass
				-10	3.85	-11.015	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-40.183	-0.0486	-2.5 to 2.5	Pass
				10	3.85	-16.136	-0.0195	-2.5 to 2.5	Pass
				30	3.85	-36.206	-0.0438	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-16.794	-0.0203	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	3.533	0.0042	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0038	-2.5 to 2.5	Pass
					4.43	-7.010	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-10.514	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-14.706	-0.0176	-2.5 to 2.5	Pass
				-10	3.85	-19.097	-0.0228	-2.5 to 2.5	Pass
				0	3.85	-21.615	-0.0258	-2.5 to 2.5	Pass
				10	3.85	-23.017	-0.0275	-2.5 to 2.5	Pass
				30	3.85	-25.506	-0.0305	-2.5 to 2.5	Pass
				40	3.85	-27.566	-0.0330	-2.5 to 2.5	Pass
				50	3.85	-30.928	-0.0370	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0041	-2.5 to 2.5	Pass
					4.43	-6.766	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-11.773	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-13.475	-0.0159	-2.5 to 2.5	Pass
				0	3.85	-14.405	-0.0170	-2.5 to 2.5	Pass
				10	3.85	-16.766	-0.0198	-2.5 to 2.5	Pass
				30	3.85	-17.967	-0.0212	-2.5 to 2.5	Pass
				40	3.85	-20.285	-0.0240	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-28.353	-0.0343	-2.5 to 2.5	Pass
					3.85	-33.760	-0.0408	-2.5 to 2.5	Pass
					4.43	-38.781	-0.0469	-2.5 to 2.5	Pass
				-30	3.85	-44.804	-0.0542	-2.5 to 2.5	Pass
				-20	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-8.483	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-14.663	-0.0177	-2.5 to 2.5	Pass
				10	3.85	-18.368	-0.0222	-2.5 to 2.5	Pass
				30	3.85	-22.645	-0.0274	-2.5 to 2.5	Pass
				40	3.85	-27.351	-0.0331	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-30.313	-0.0362	-2.5 to 2.5	Pass
					3.85	-28.696	-0.0343	-2.5 to 2.5	Pass
					4.43	-26.522	-0.0317	-2.5 to 2.5	Pass
				-30	3.85	-26.979	-0.0323	-2.5 to 2.5	Pass
				-20	3.85	-26.093	-0.0312	-2.5 to 2.5	Pass

				-10	3.85	-22.588	-0.0270	-2.5 to 2.5	Pass
				0	3.85	-23.732	-0.0284	-2.5 to 2.5	Pass
				10	3.85	-24.462	-0.0292	-2.5 to 2.5	Pass
				30	3.85	-22.702	-0.0271	-2.5 to 2.5	Pass
				40	3.85	-19.870	-0.0238	-2.5 to 2.5	Pass
				50	3.85	-19.441	-0.0232	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-23.389	-0.0276	-2.5 to 2.5	Pass
					3.85	-20.871	-0.0247	-2.5 to 2.5	Pass
					4.43	-17.438	-0.0206	-2.5 to 2.5	Pass
				-30	3.85	-18.511	-0.0219	-2.5 to 2.5	Pass
				-20	3.85	-19.441	-0.0230	-2.5 to 2.5	Pass
				-10	3.85	-17.567	-0.0208	-2.5 to 2.5	Pass
				0	3.85	-16.508	-0.0195	-2.5 to 2.5	Pass
				10	3.85	-14.205	-0.0168	-2.5 to 2.5	Pass
				30	3.85	-15.206	-0.0180	-2.5 to 2.5	Pass
				40	3.85	-13.375	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-13.819	-0.0163	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / 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	-25.477	-0.0307	-2.5 to 2.5	Pass
					3.85	-43.516	-0.0525	-2.5 to 2.5	Pass
					4.43	-41.699	-0.0503	-2.5 to 2.5	Pass
				-30	3.85	-23.704	-0.0286	-2.5 to 2.5	Pass
				-20	3.85	1.702	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-14.048	-0.0169	-2.5 to 2.5	Pass
				0	3.85	-26.608	-0.0321	-2.5 to 2.5	Pass
				10	3.85	-34.547	-0.0417	-2.5 to 2.5	Pass
				30	3.85	-41.027	-0.0495	-2.5 to 2.5	Pass
				40	3.85	-42.315	-0.0510	-2.5 to 2.5	Pass
				50	3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	17.595	0.0210	-2.5 to 2.5	Pass
					3.85	16.036	0.0192	-2.5 to 2.5	Pass
					4.43	12.403	0.0148	-2.5 to 2.5	Pass
				-30	3.85	6.709	0.0080	-2.5 to 2.5	Pass
				-20	3.85	4.649	0.0056	-2.5 to 2.5	Pass
				-10	3.85	3.462	0.0041	-2.5 to 2.5	Pass
				0	3.85	3.161	0.0038	-2.5 to 2.5	Pass
				10	3.85	1.917	0.0023	-2.5 to 2.5	Pass
				30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
	844	50	0	20	3.27	8.125	0.0096	-2.5 to 2.5	Pass
					3.85	5.779	0.0068	-2.5 to 2.5	Pass
					4.43	4.191	0.0050	-2.5 to 2.5	Pass
				-30	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-5.121	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-5.879	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-7.668	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-10.014	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-9.241	-0.0109	-2.5 to 2.5	Pass
				50	3.85	-12.946	-0.0153	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-4.563	-0.0055	-2.5 to 2.5	Pass
					3.85	9.341	0.0113	-2.5 to 2.5	Pass

					4.43	21.987	0.0265	-2.5 to 2.5	Pass
				-30	3.85	28.453	0.0343	-2.5 to 2.5	Pass
				-20	3.85	33.031	0.0398	-2.5 to 2.5	Pass
				-10	3.85	37.193	0.0449	-2.5 to 2.5	Pass
				0	3.85	43.144	0.0520	-2.5 to 2.5	Pass
				10	3.85	-2.518	-0.0030	-2.5 to 2.5	Pass
				30	3.85	1.702	0.0021	-2.5 to 2.5	Pass
				40	3.85	6.781	0.0082	-2.5 to 2.5	Pass
				50	3.85	11.573	0.0140	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-3.204	-0.0038	-2.5 to 2.5	Pass
					3.85	-5.250	-0.0063	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-8.397	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-8.512	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-7.524	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-8.512	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-8.154	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-10.557	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-12.574	-0.0150	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-15.907	-0.0188	-2.5 to 2.5	Pass
					3.85	-16.723	-0.0198	-2.5 to 2.5	Pass
					4.43	-18.940	-0.0224	-2.5 to 2.5	Pass
				-30	3.85	-21.572	-0.0256	-2.5 to 2.5	Pass
				-20	3.85	-22.302	-0.0264	-2.5 to 2.5	Pass
				-10	3.85	-25.549	-0.0303	-2.5 to 2.5	Pass
				0	3.85	-26.407	-0.0313	-2.5 to 2.5	Pass
				10	3.85	-25.921	-0.0307	-2.5 to 2.5	Pass
				30	3.85	-25.377	-0.0301	-2.5 to 2.5	Pass
				40	3.85	-28.024	-0.0332	-2.5 to 2.5	Pass
				50	3.85	-36.993	-0.0438	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / 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 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		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 B5_5MHz

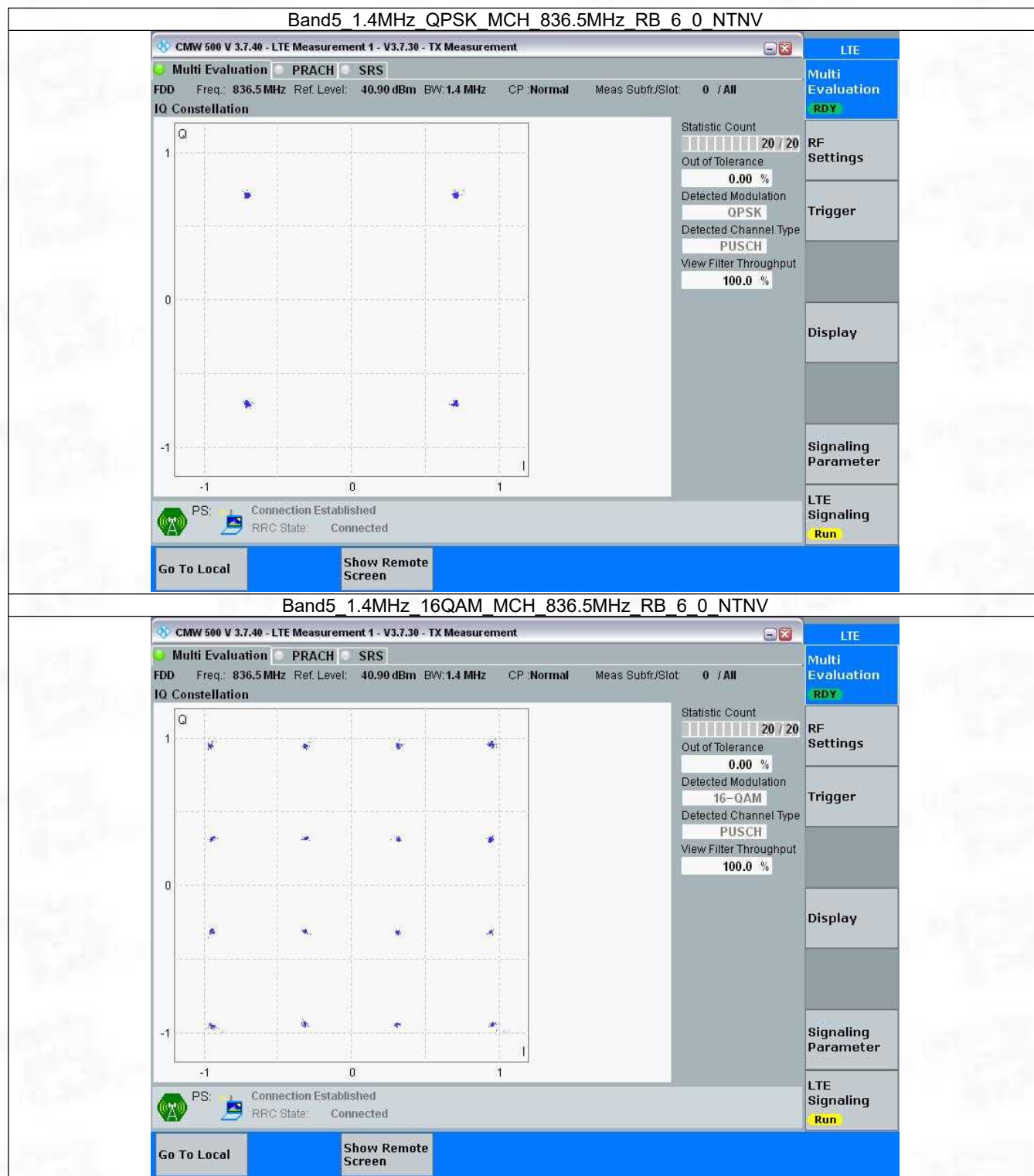
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

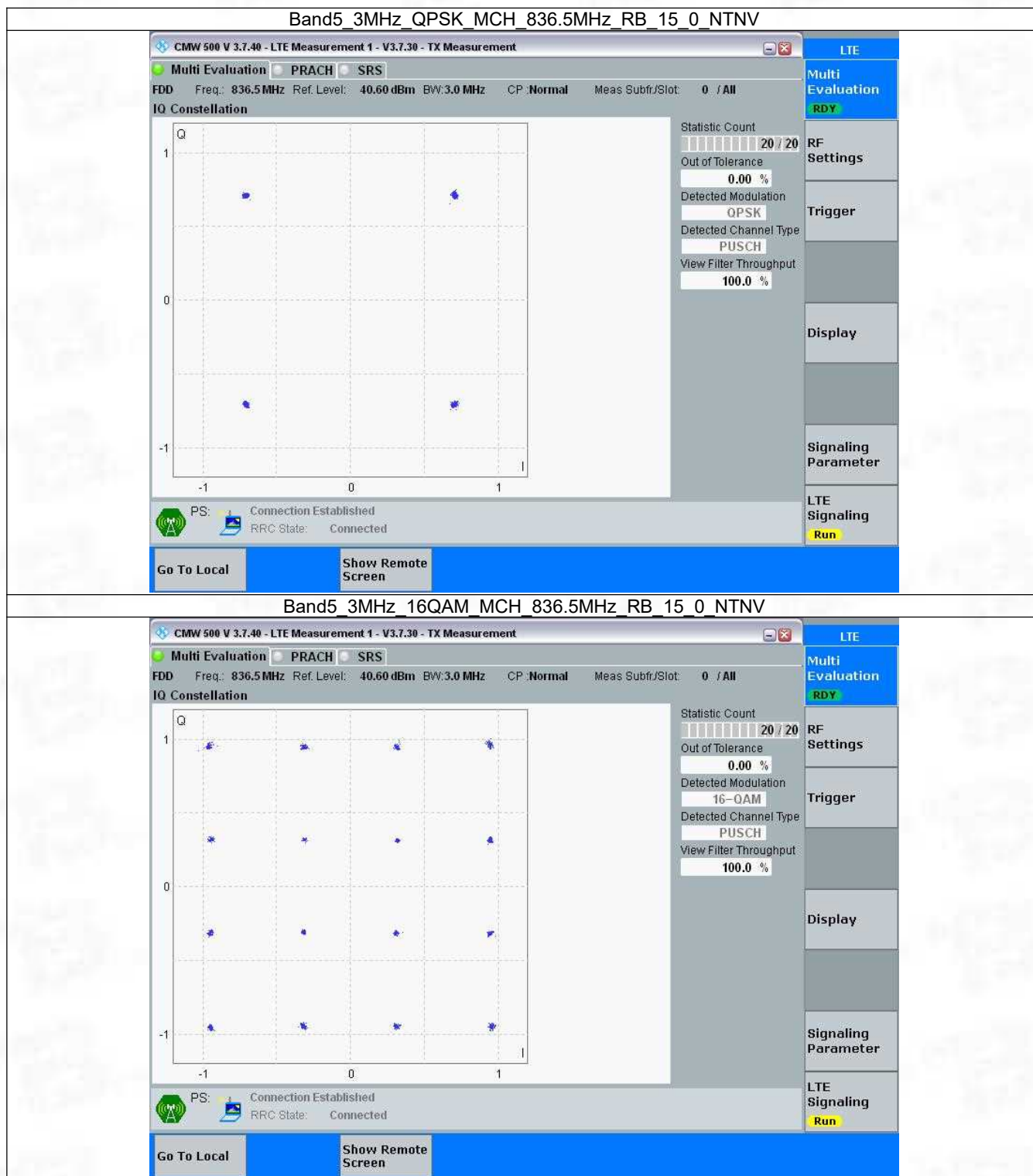
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

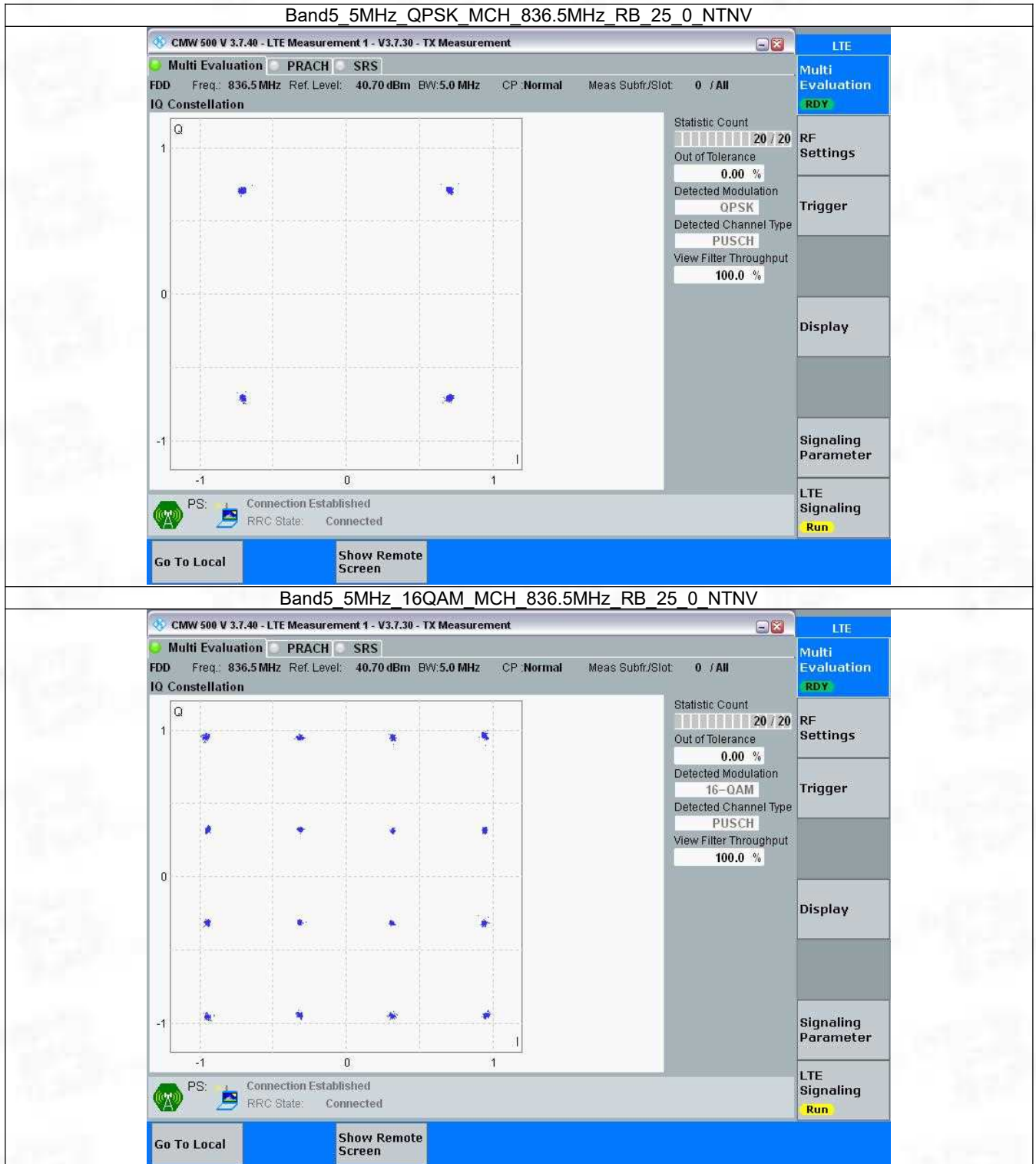
3.2.1 B5_1.4MHz



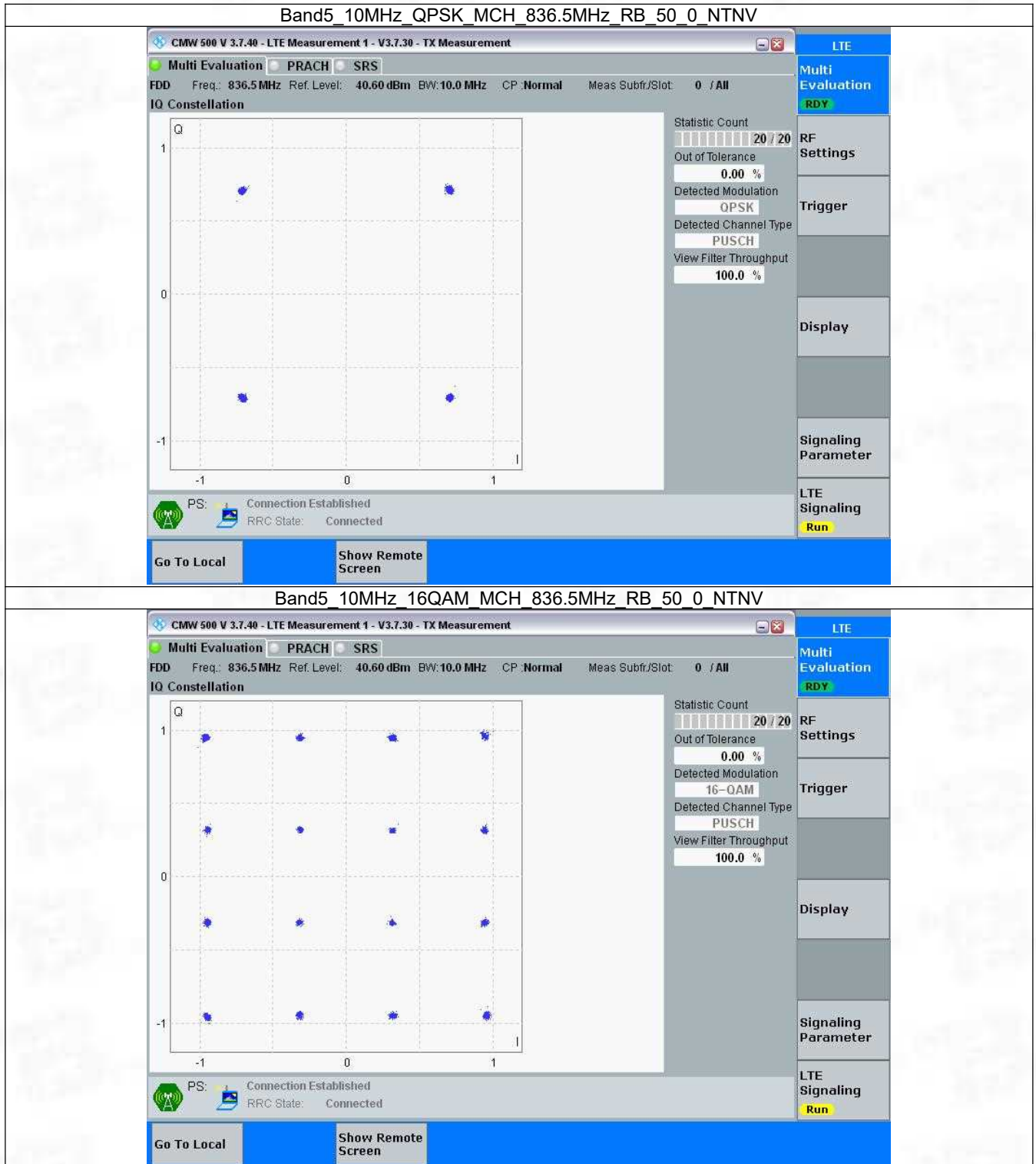
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.120	/	Pass
		836.5	6	0	1.109	/	Pass
		848.3	6	0	1.106	/	Pass
	16QAM	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.107	/	Pass
		848.3	6	0	1.116	/	Pass
3	QPSK	825.5	15	0	2.768	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.748	/	Pass
	16QAM	825.5	15	0	2.768	/	Pass
		836.5	15	0	2.759	/	Pass
		847.5	15	0	2.757	/	Pass
5	QPSK	826.5	25	0	4.588	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.540	/	Pass
	16QAM	826.5	25	0	4.538	/	Pass
		836.5	25	0	4.575	/	Pass
		846.5	25	0	4.562	/	Pass
10	QPSK	829	50	0	9.062	/	Pass
		836.5	50	0	9.040	/	Pass
		844	50	0	9.068	/	Pass
	16QAM	829	50	0	9.048	/	Pass
		836.5	50	0	9.053	/	Pass
		844	50	0	9.029	/	Pass

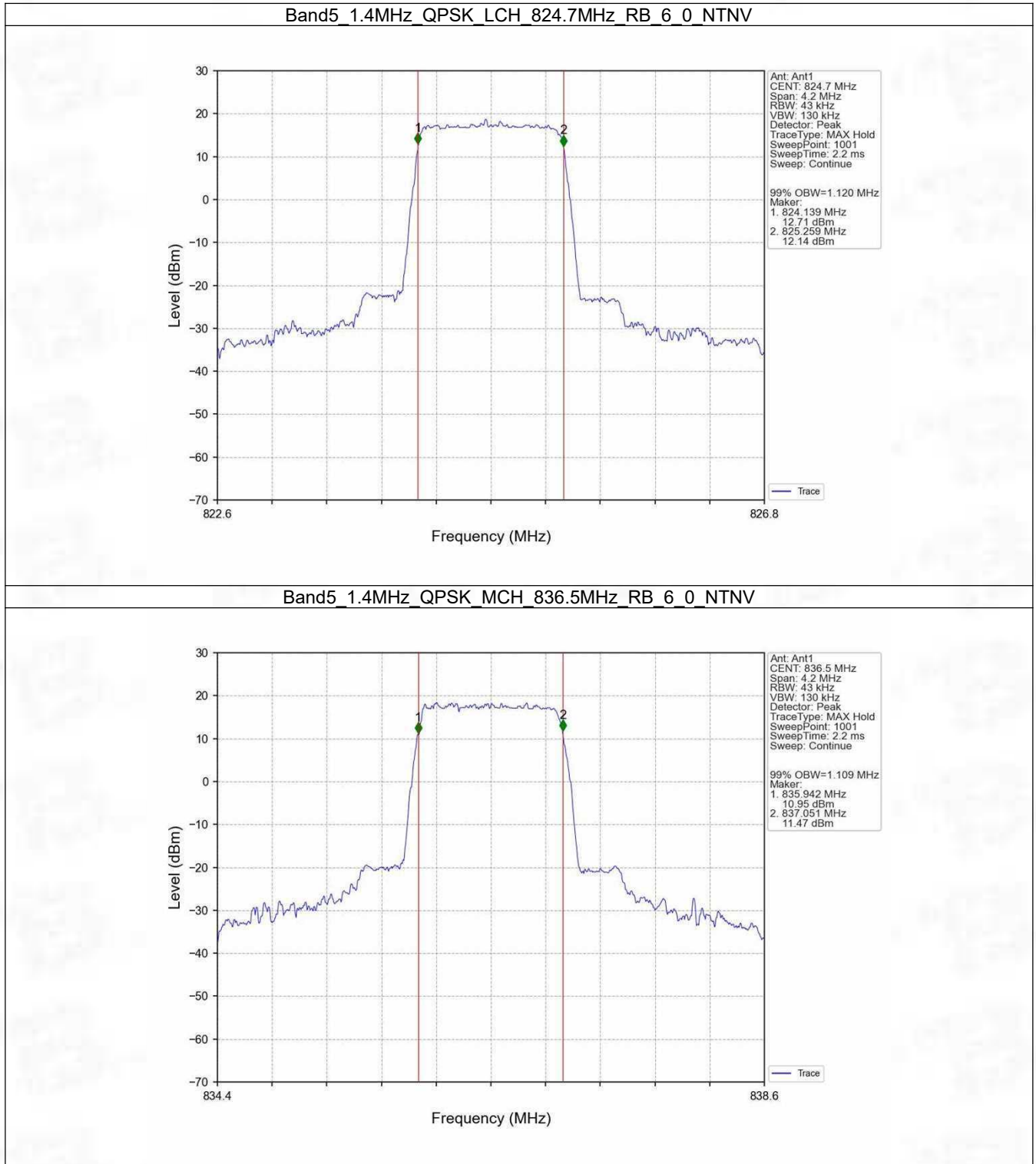
4.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.267	/	Pass
		836.5	6	0	1.268	/	Pass
		848.3	6	0	1.273	/	Pass
	16QAM	824.7	6	0	1.278	/	Pass
		836.5	6	0	1.267	/	Pass
		848.3	6	0	1.276	/	Pass
3	QPSK	825.5	15	0	3.097	/	Pass
		836.5	15	0	3.078	/	Pass
		847.5	15	0	3.046	/	Pass
	16QAM	825.5	15	0	3.094	/	Pass
		836.5	15	0	3.087	/	Pass
		847.5	15	0	3.099	/	Pass
5	QPSK	826.5	25	0	5.068	/	Pass
		836.5	25	0	5.043	/	Pass
		846.5	25	0	5.011	/	Pass

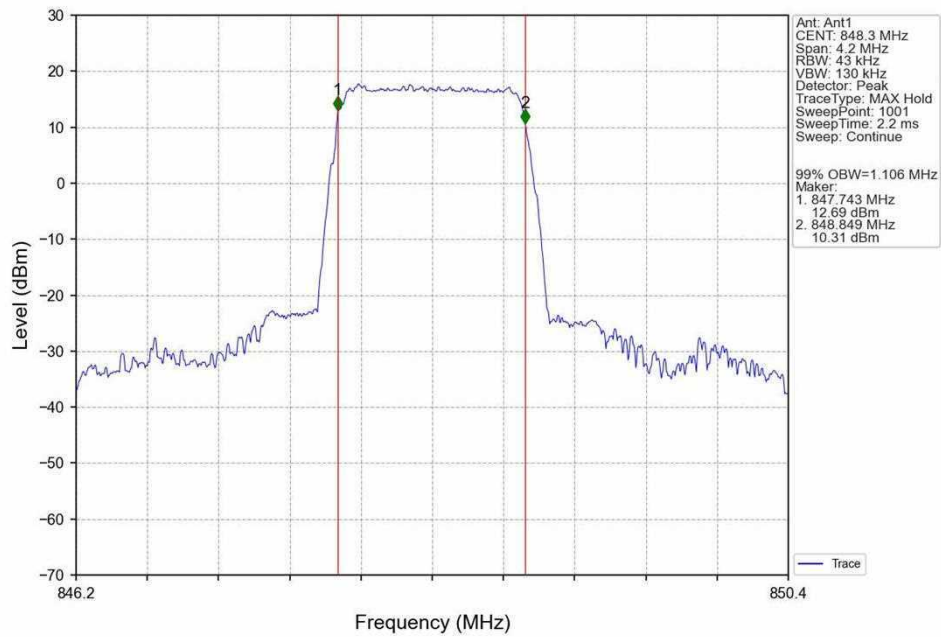
10	16QAM	826.5	25	0	5.041	/	Pass
		836.5	25	0	5.077	/	Pass
		846.5	25	0	5.062	/	Pass
	QPSK	829	50	0	9.988	/	Pass
		836.5	50	0	10.055	/	Pass
		844	50	0	10.065	/	Pass
	16QAM	829	50	0	10.080	/	Pass
		836.5	50	0	10.006	/	Pass
		844	50	0	9.999	/	Pass

4.2 Test Graph

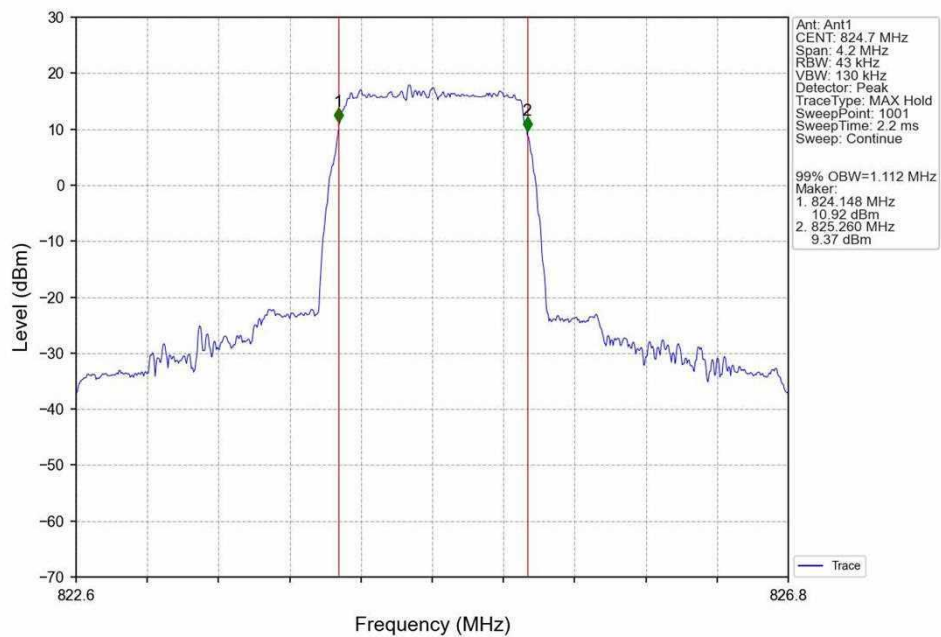
4.2.1 Band5_OBW



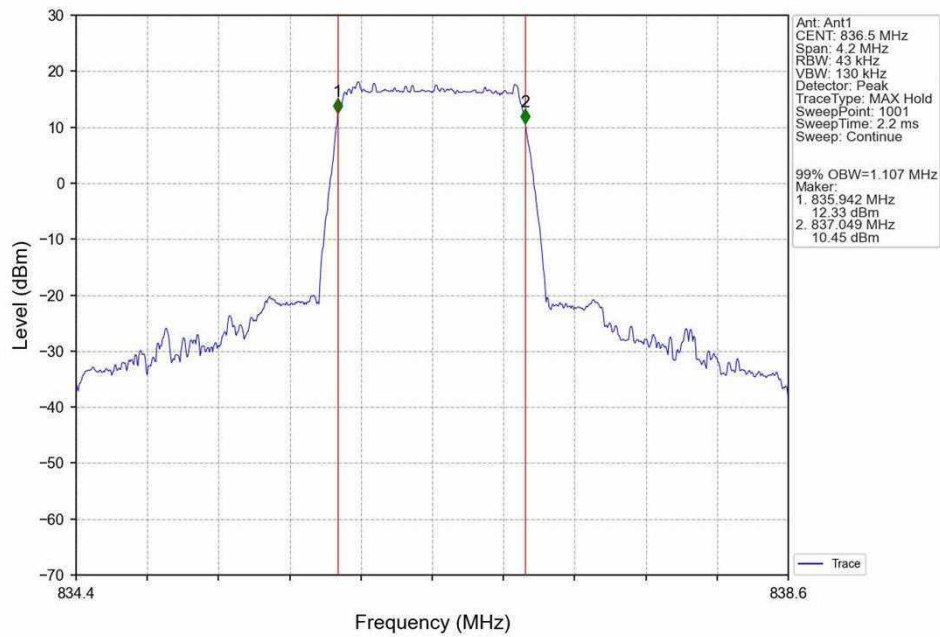
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



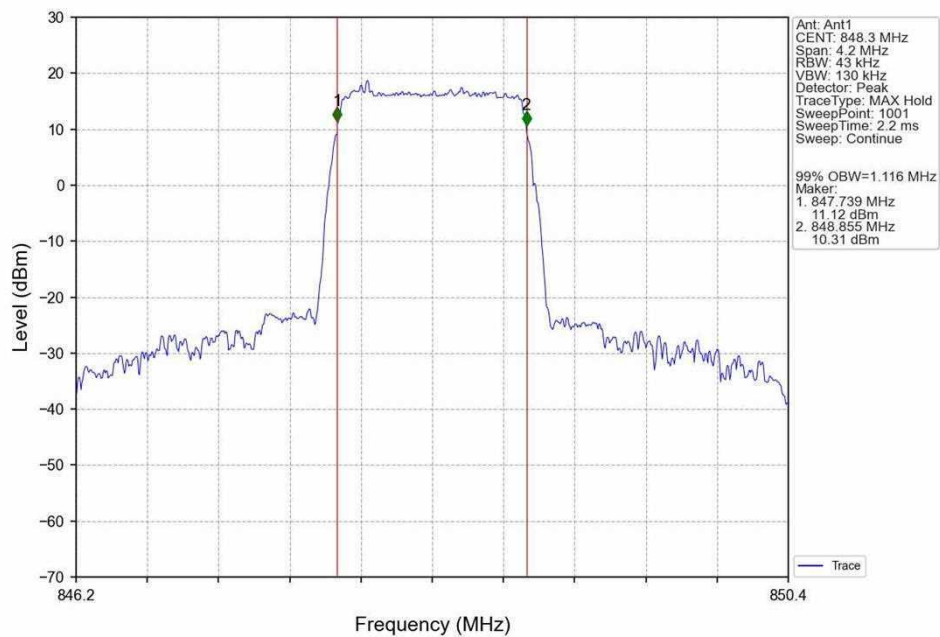
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



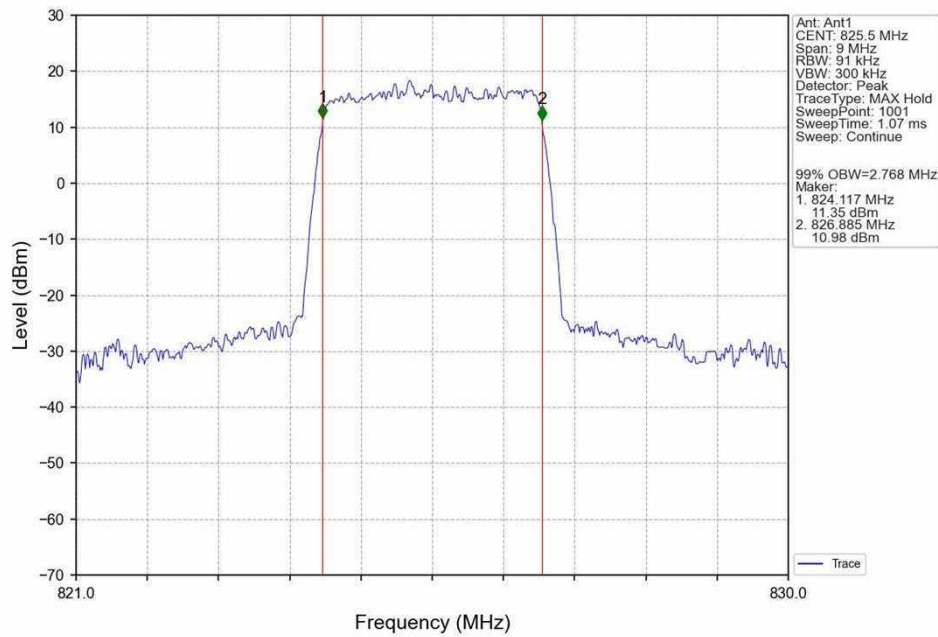
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



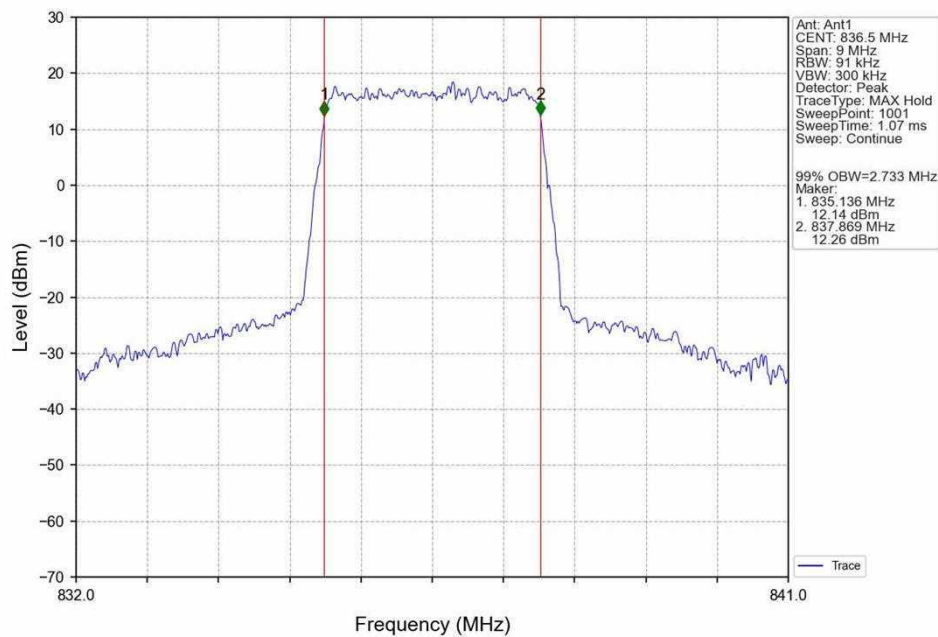
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



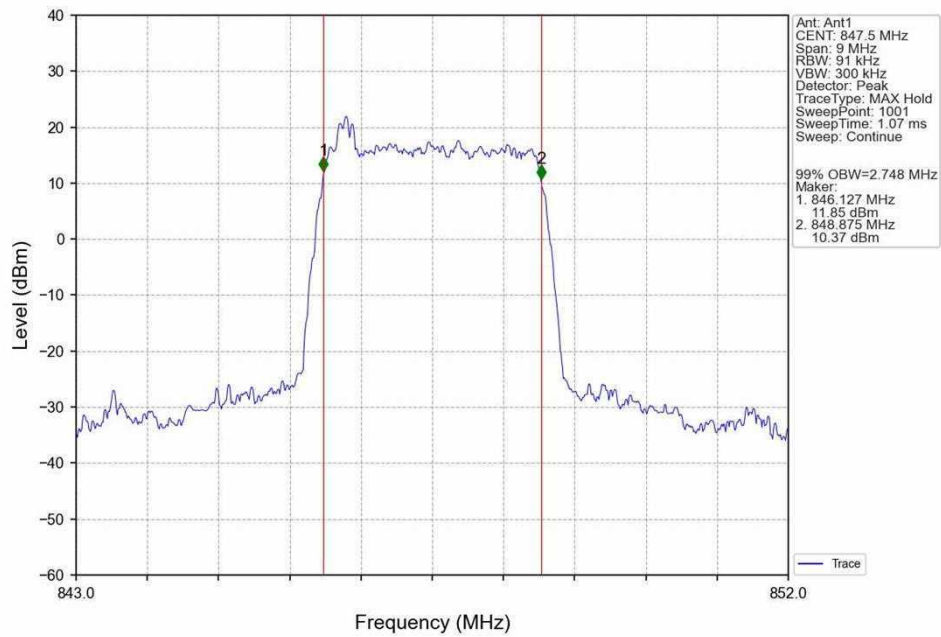
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



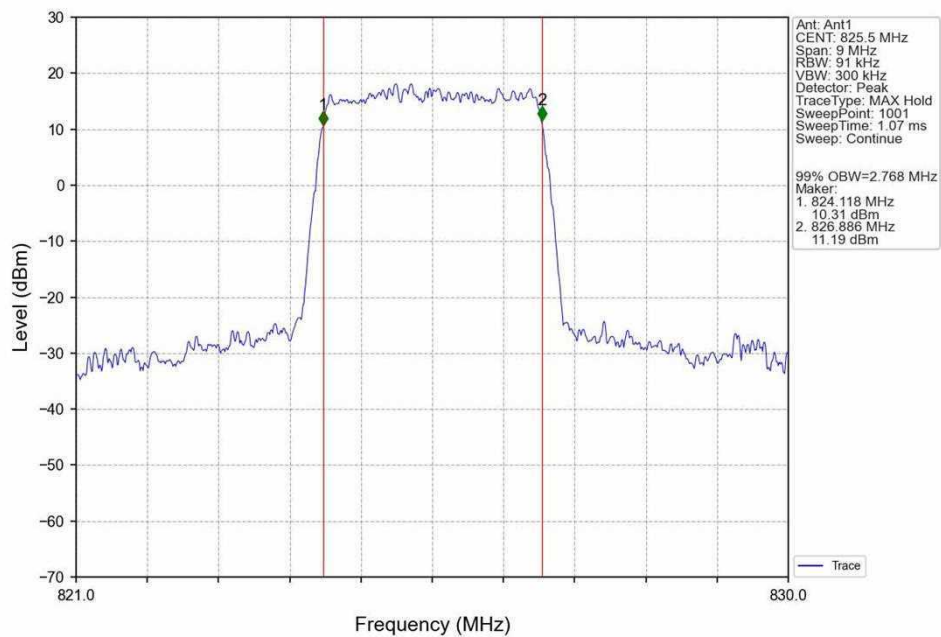
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



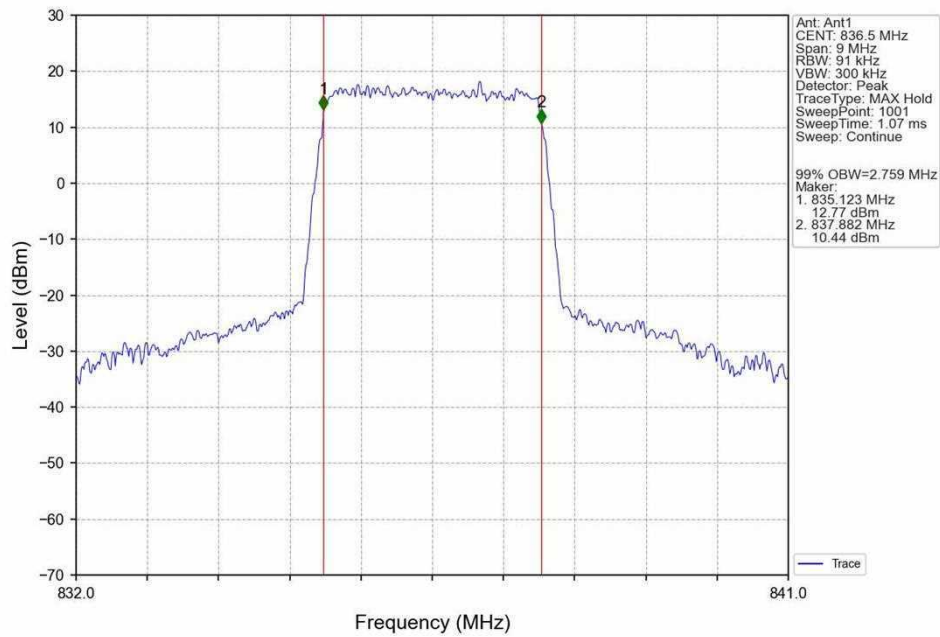
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



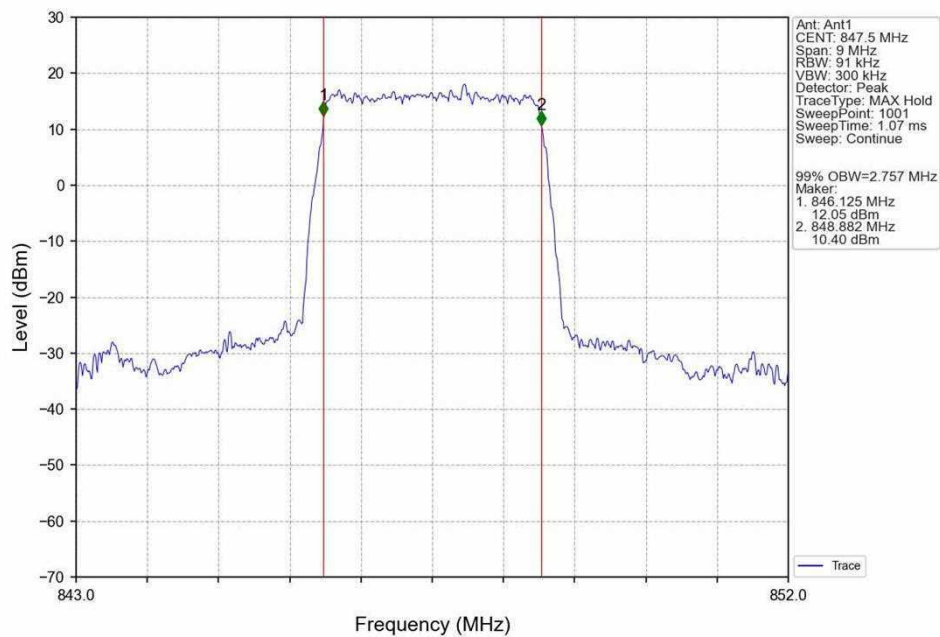
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



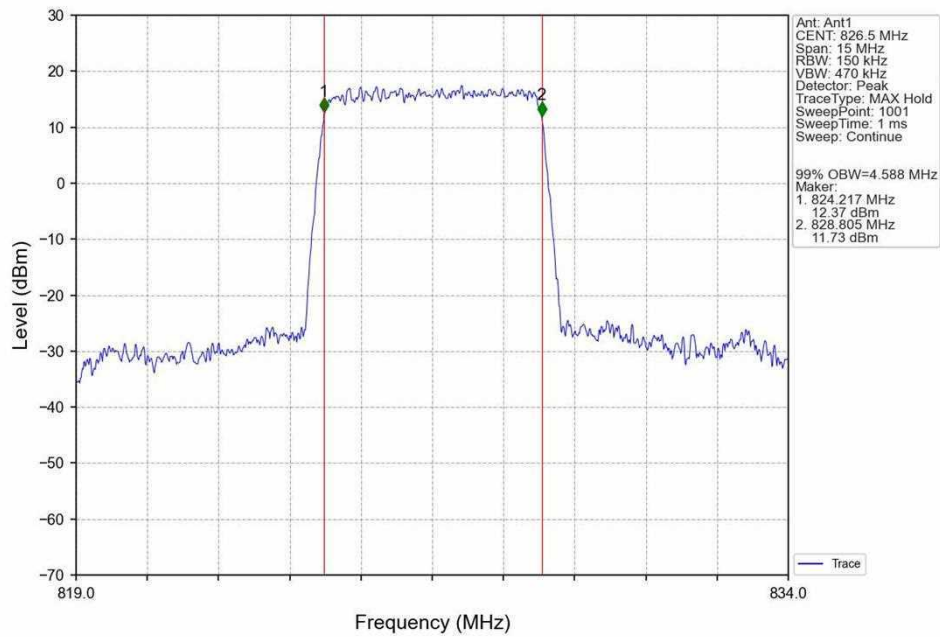
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



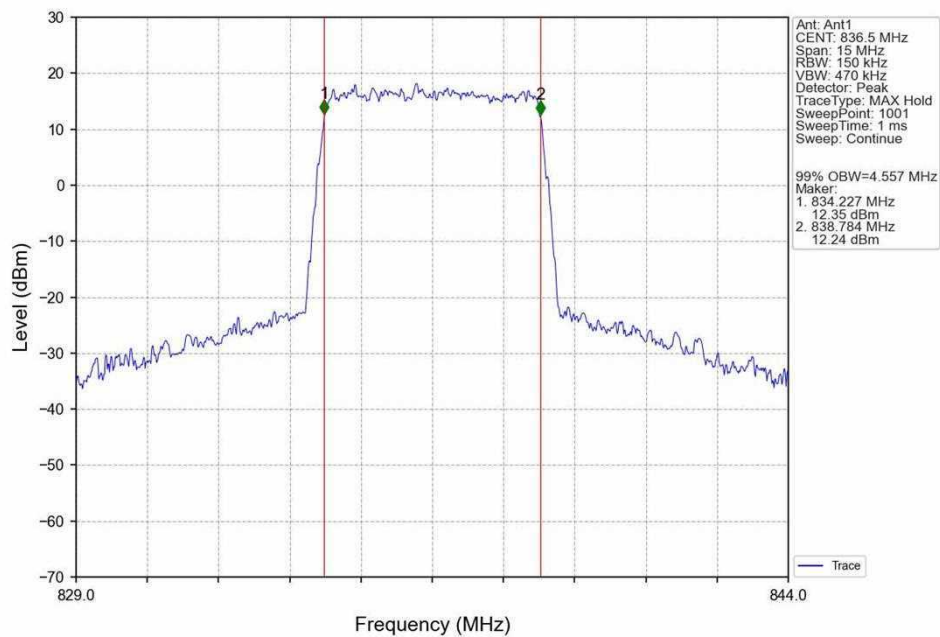
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



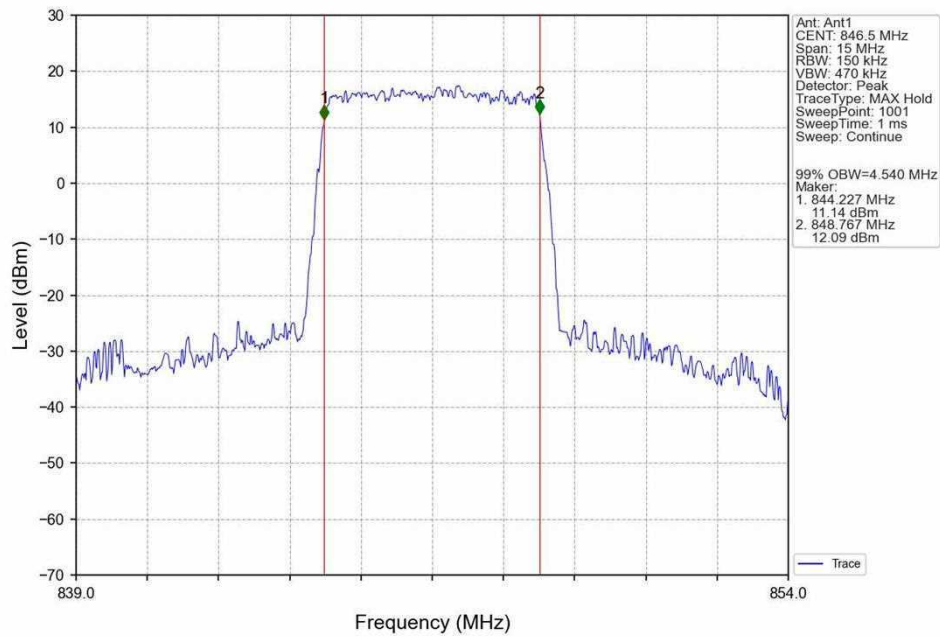
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



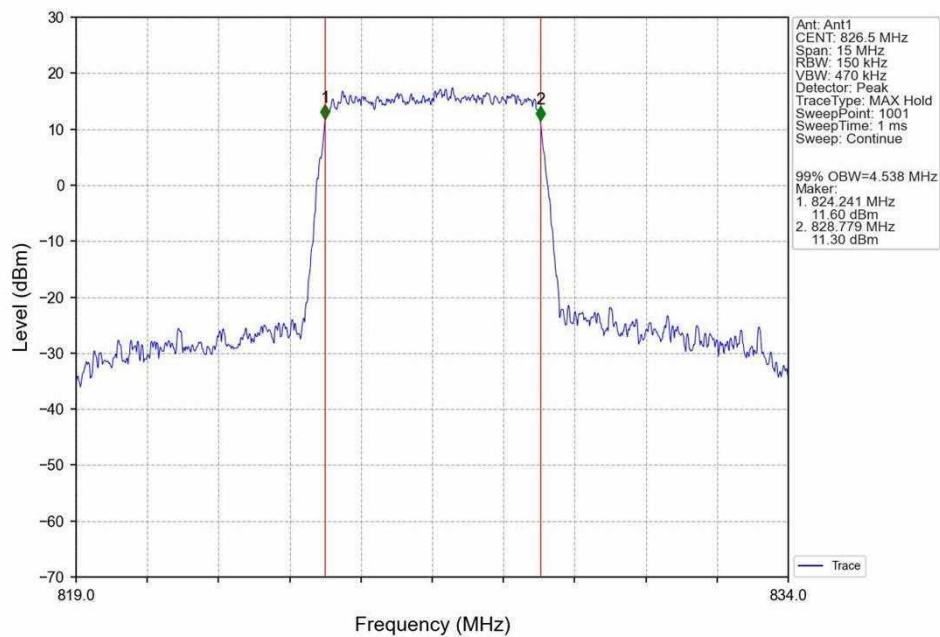
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



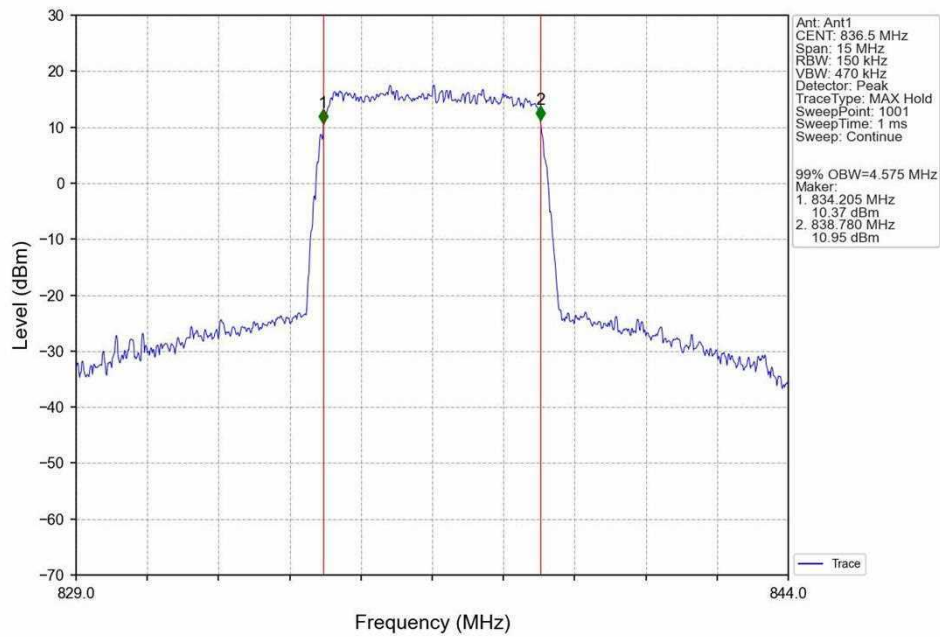
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



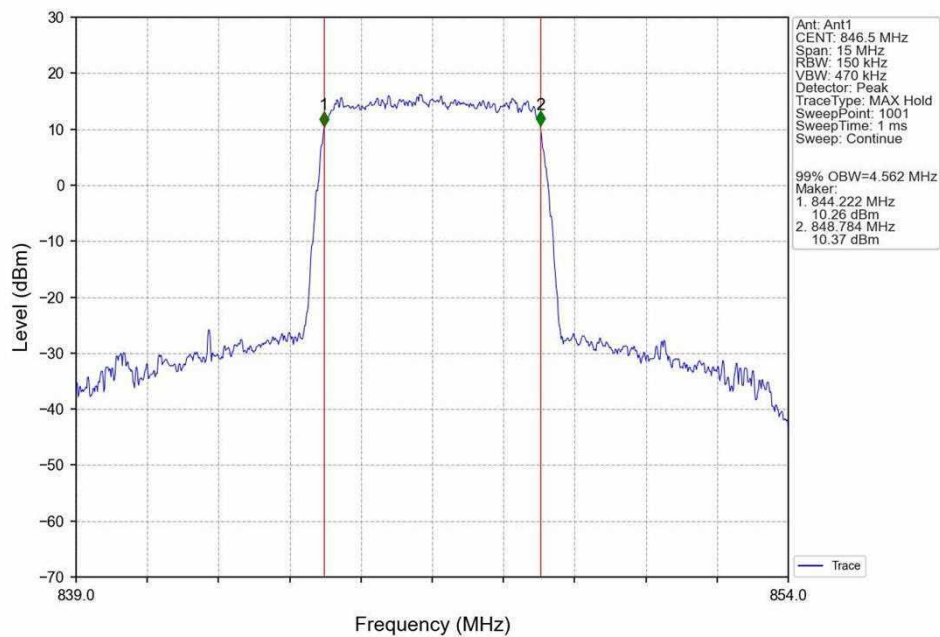
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



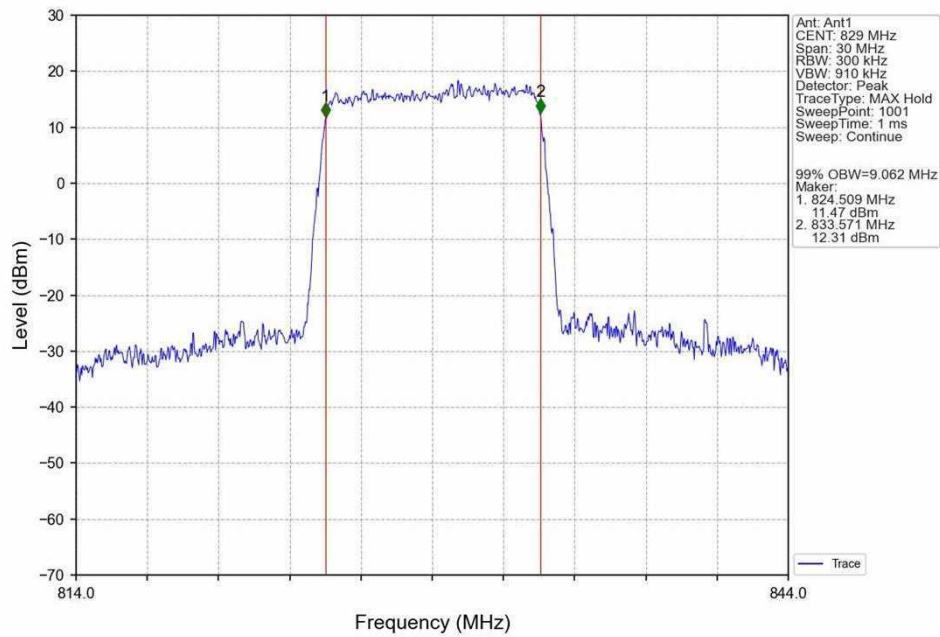
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



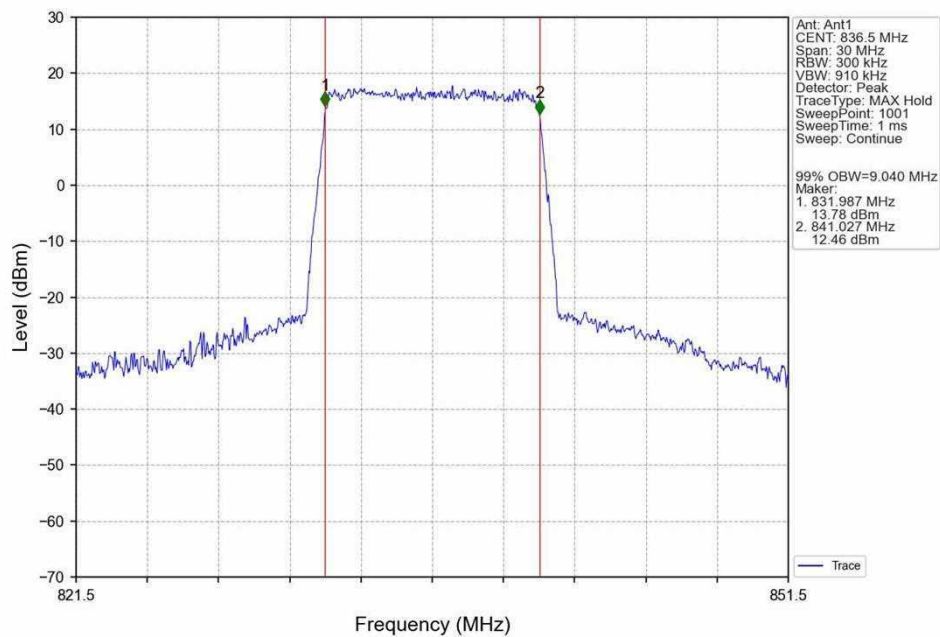
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



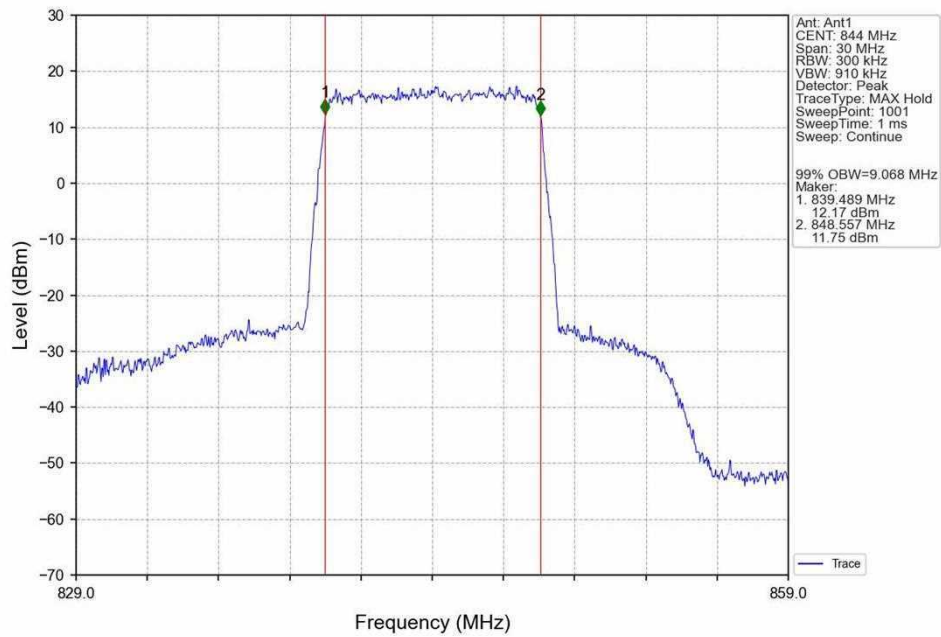
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



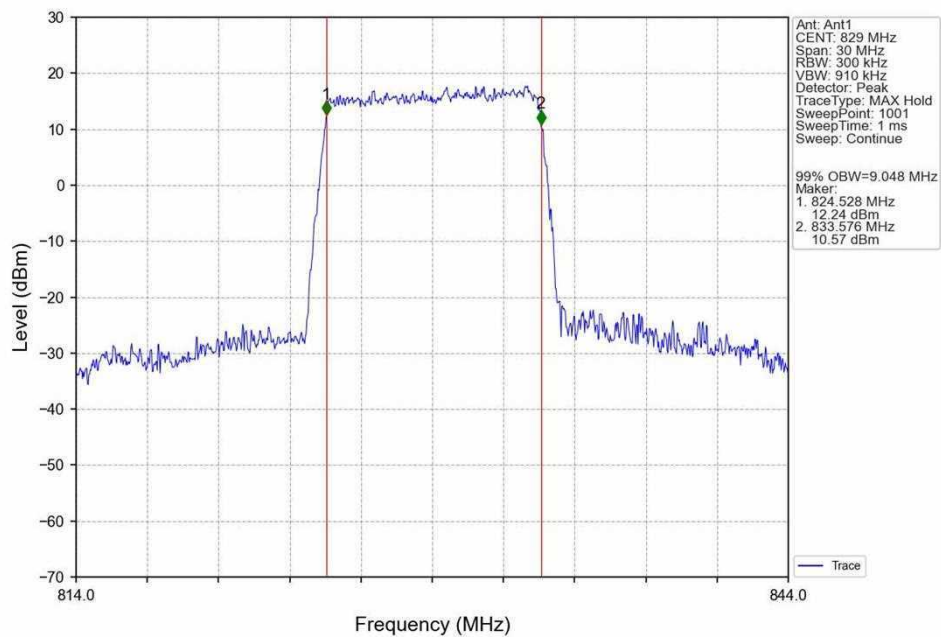
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



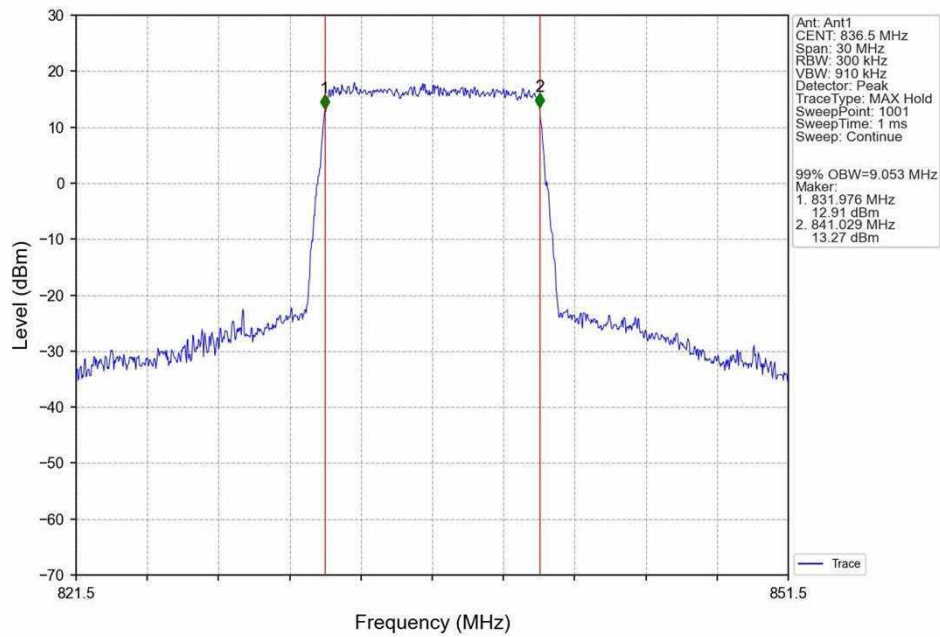
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



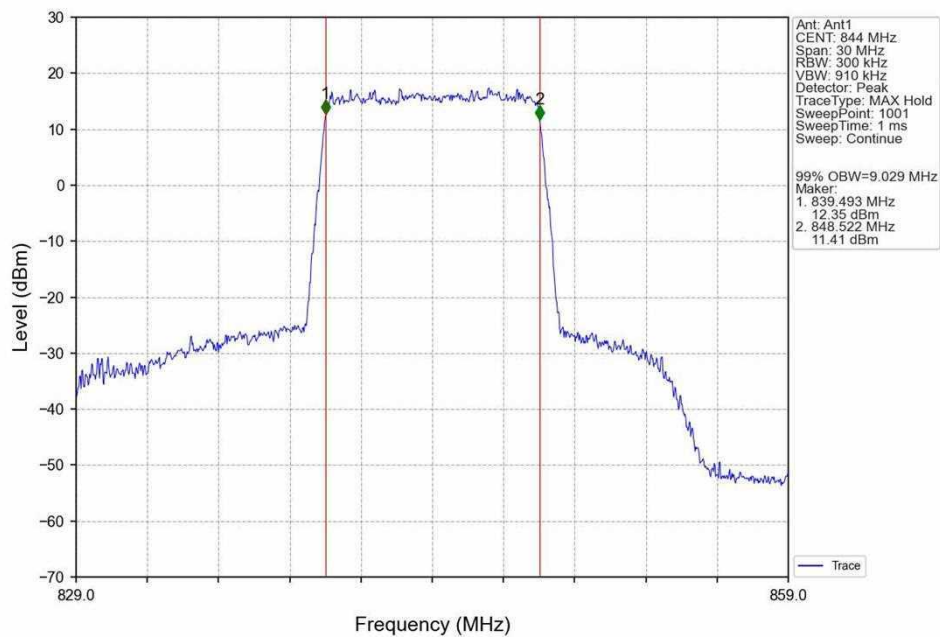
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



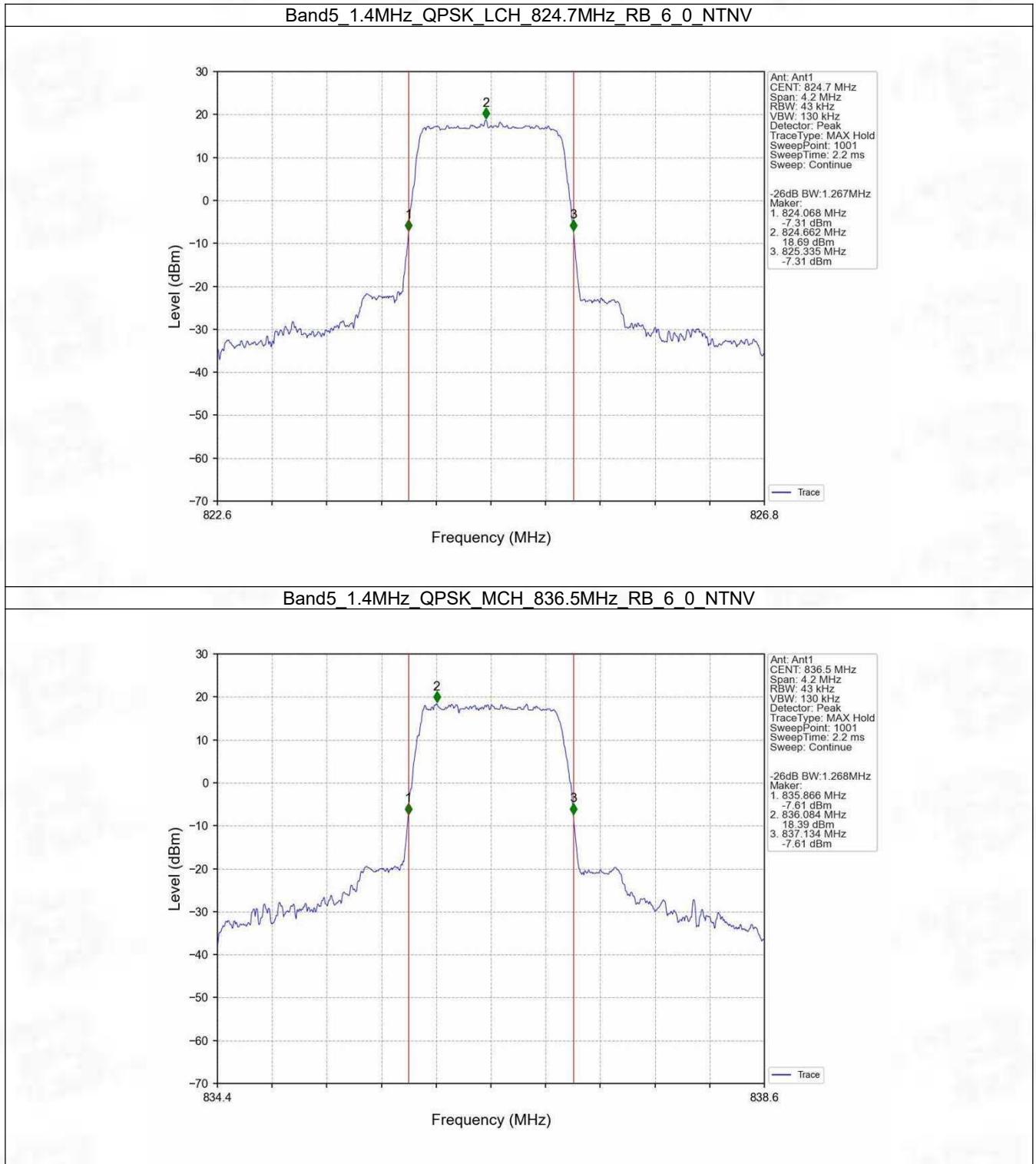
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



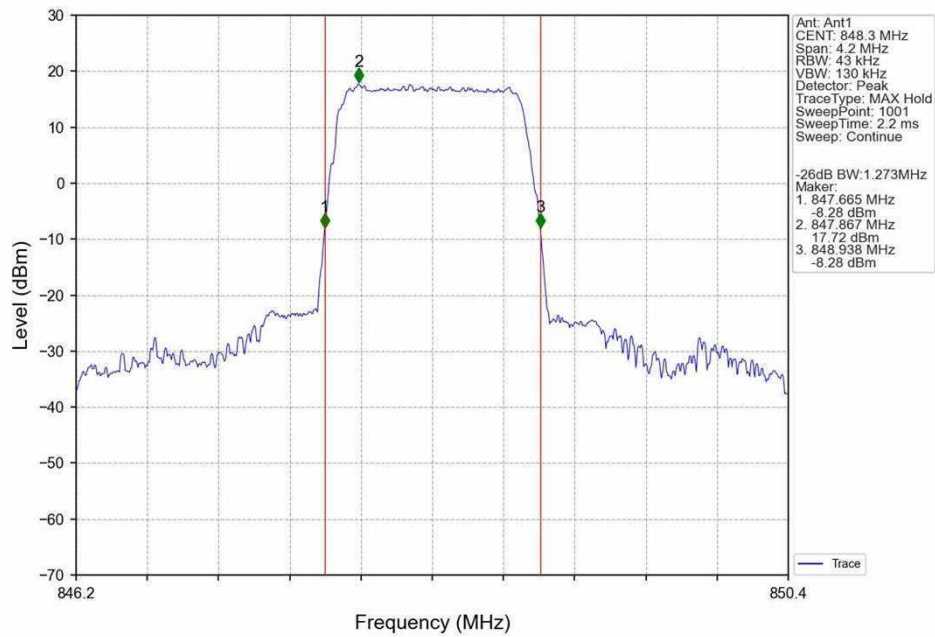
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



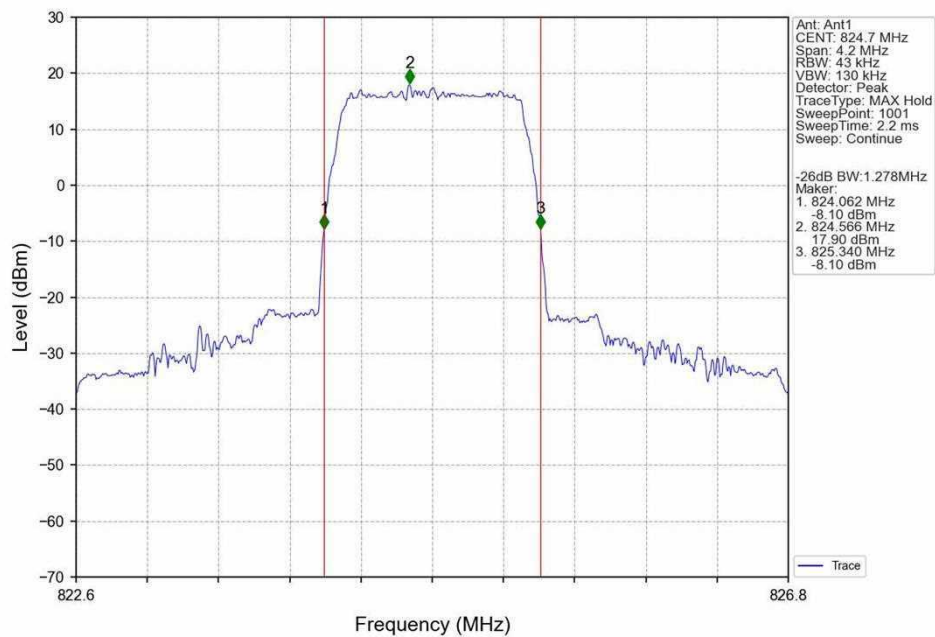
4.2.2 Band5_XDB



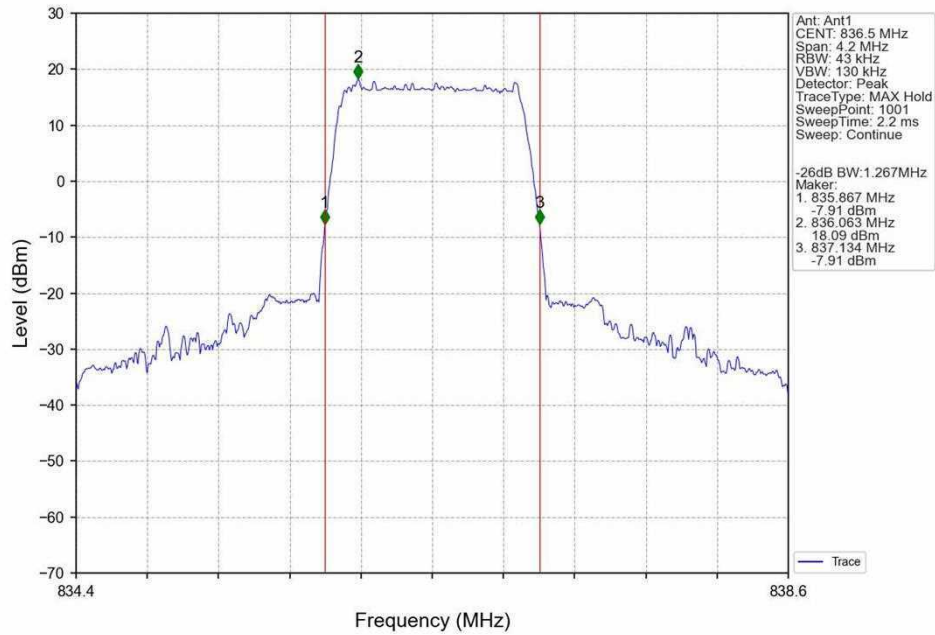
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



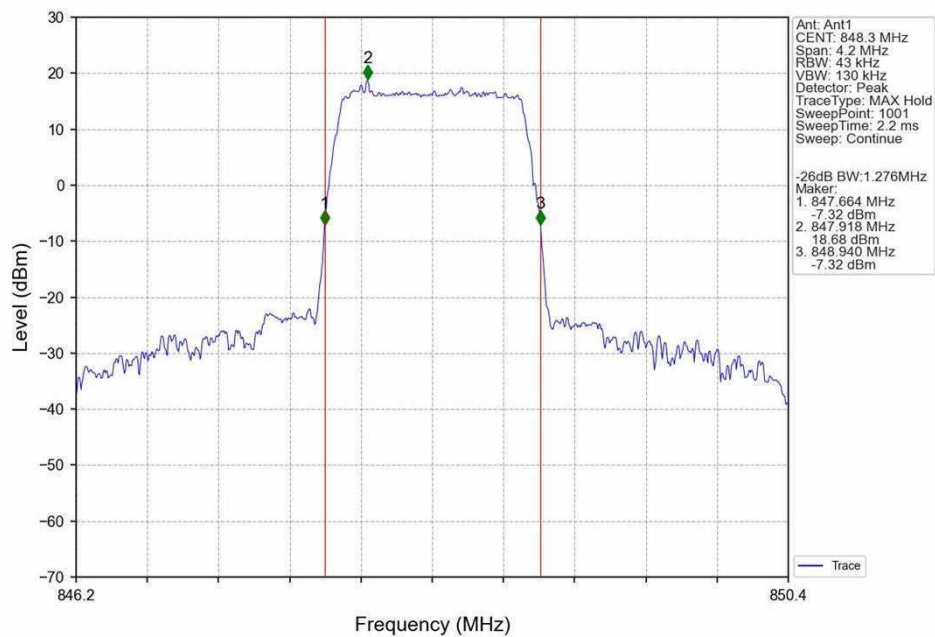
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



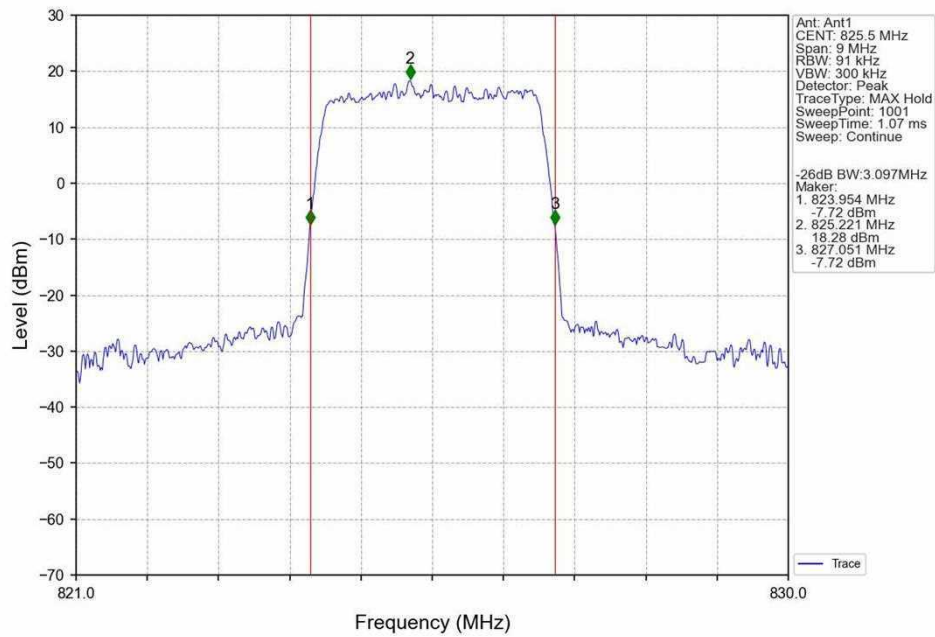
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



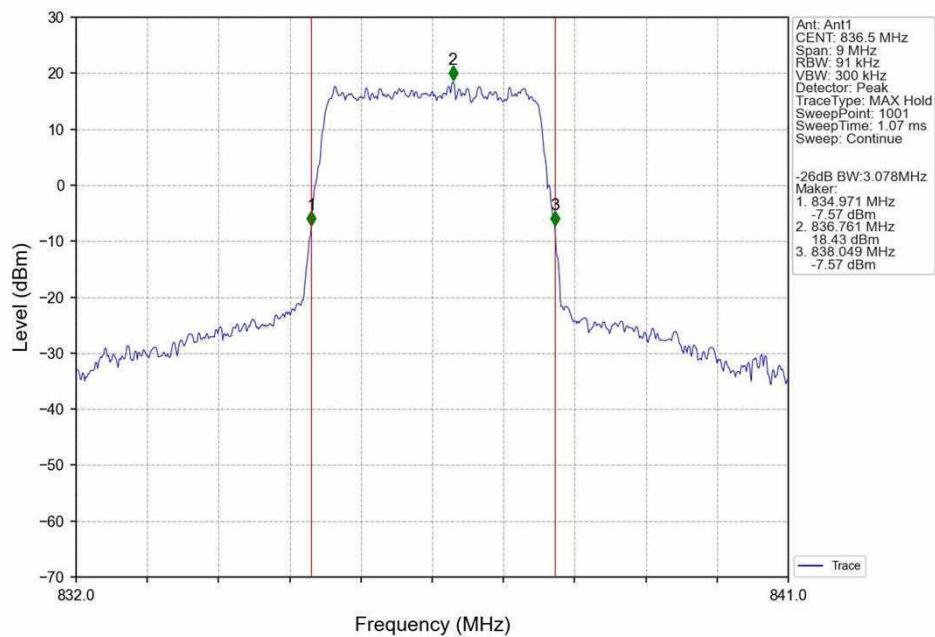
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



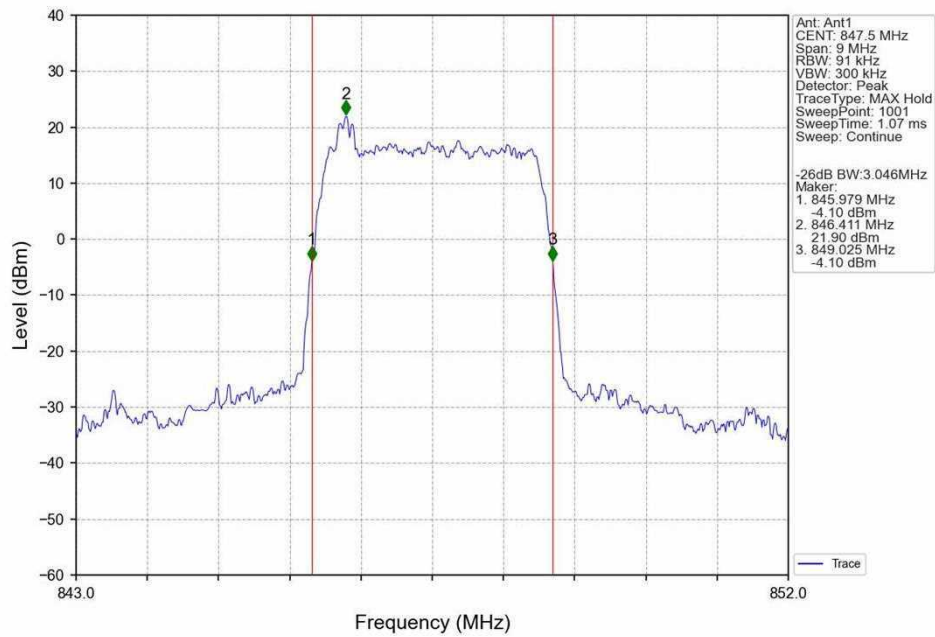
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



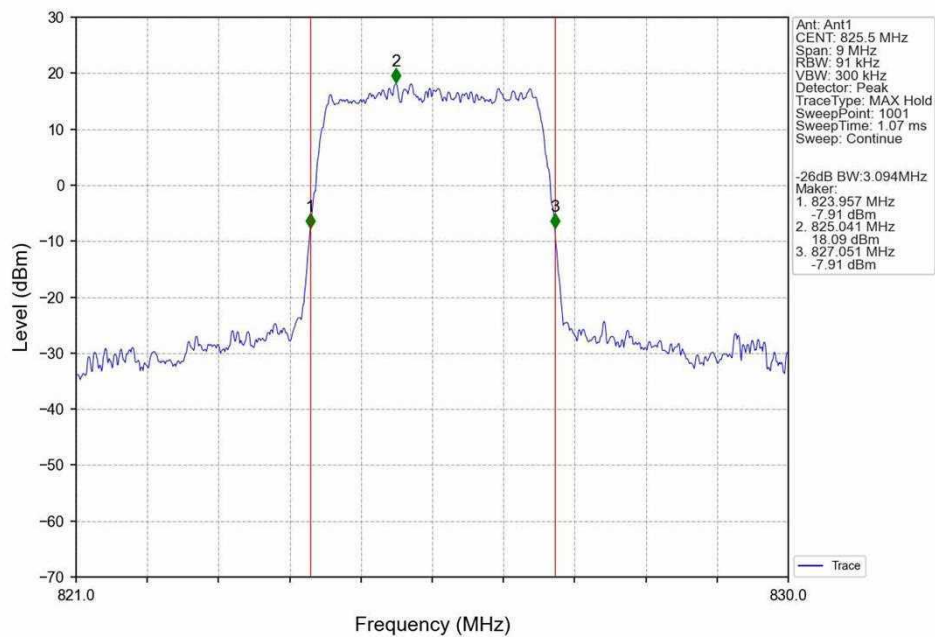
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



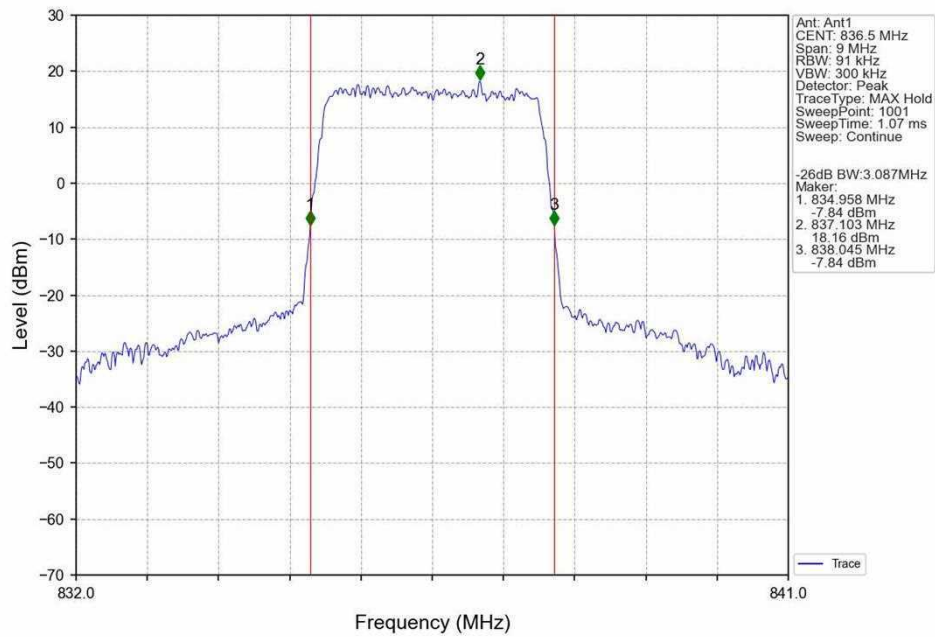
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



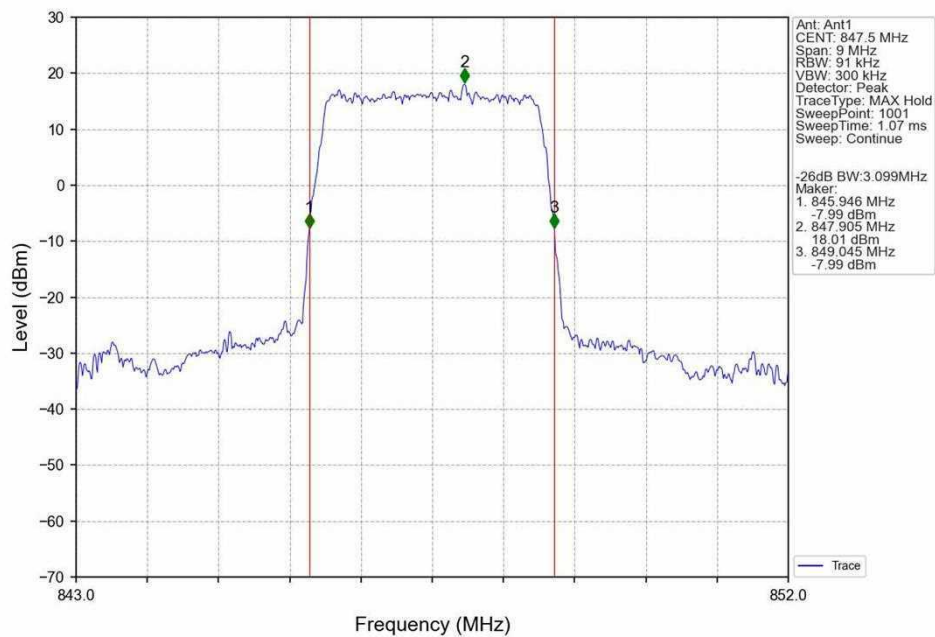
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



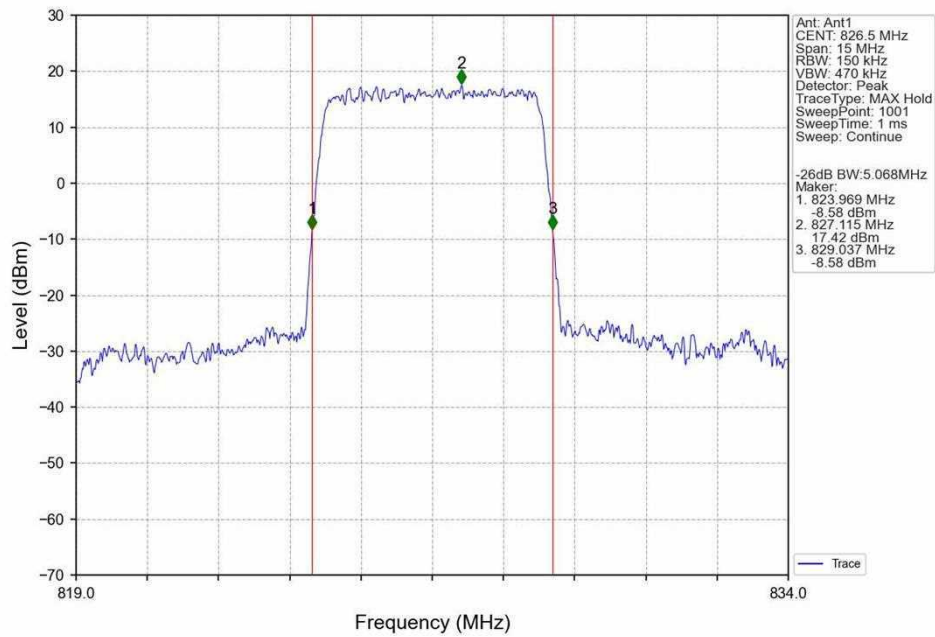
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



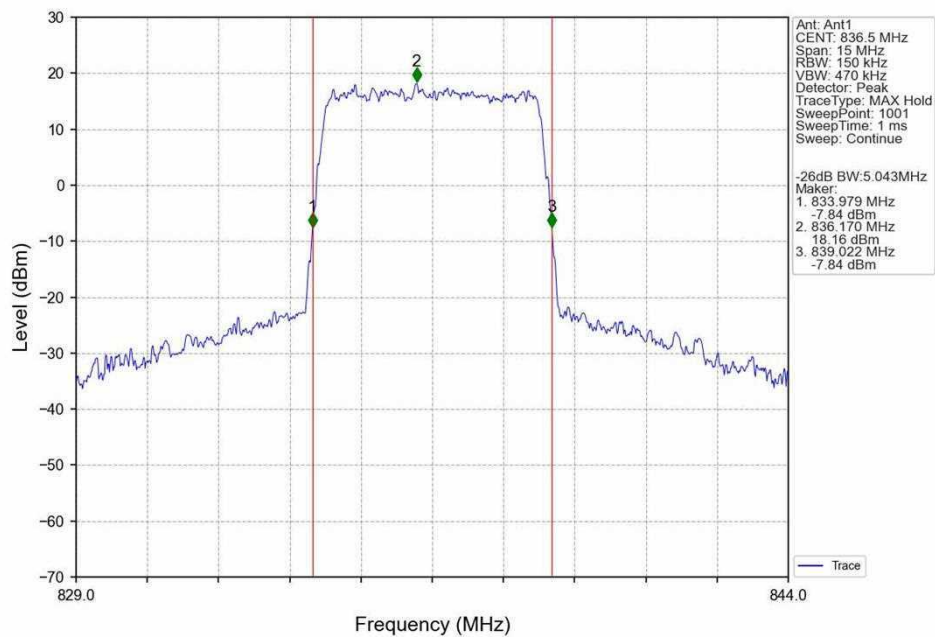
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



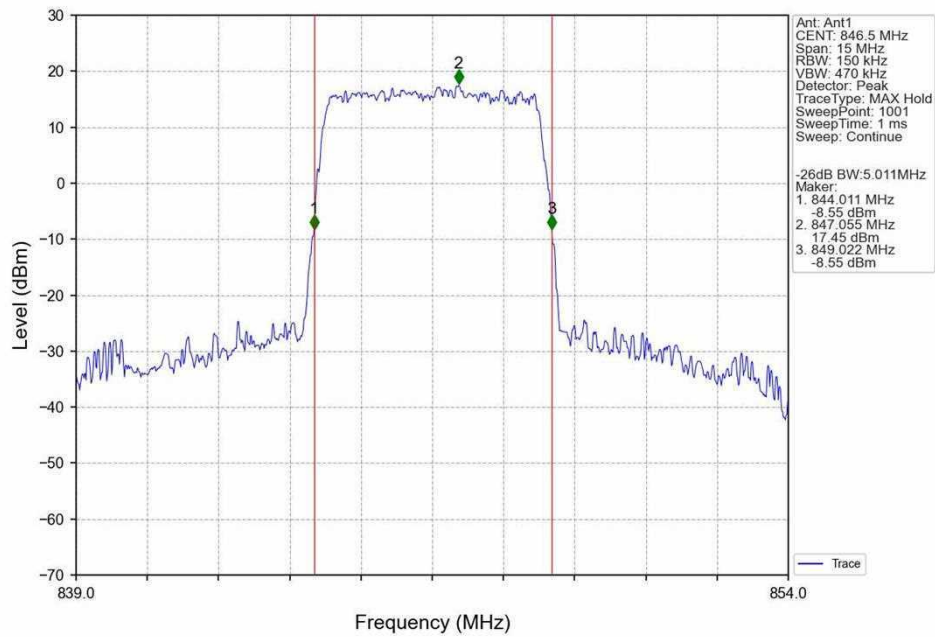
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



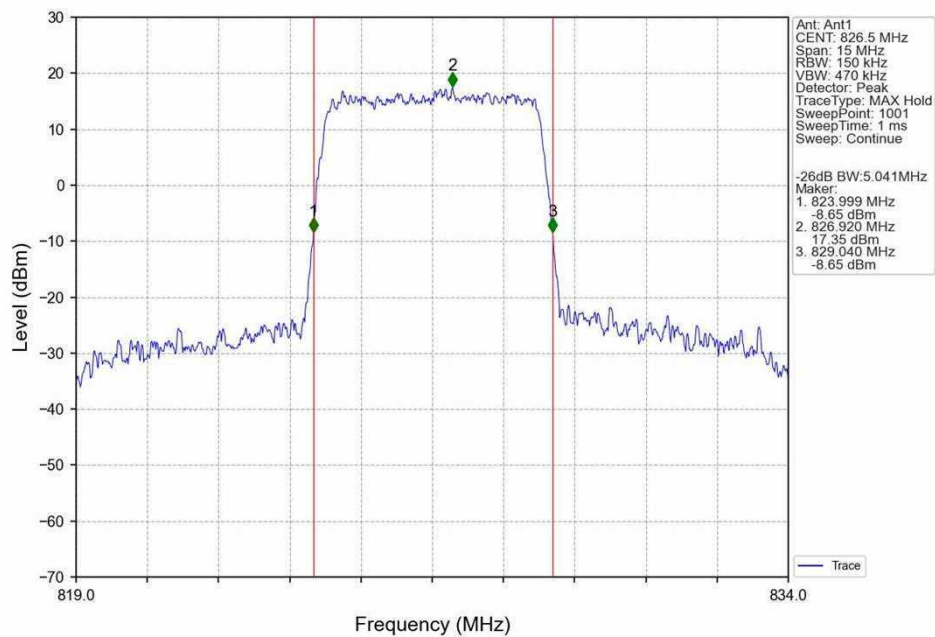
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



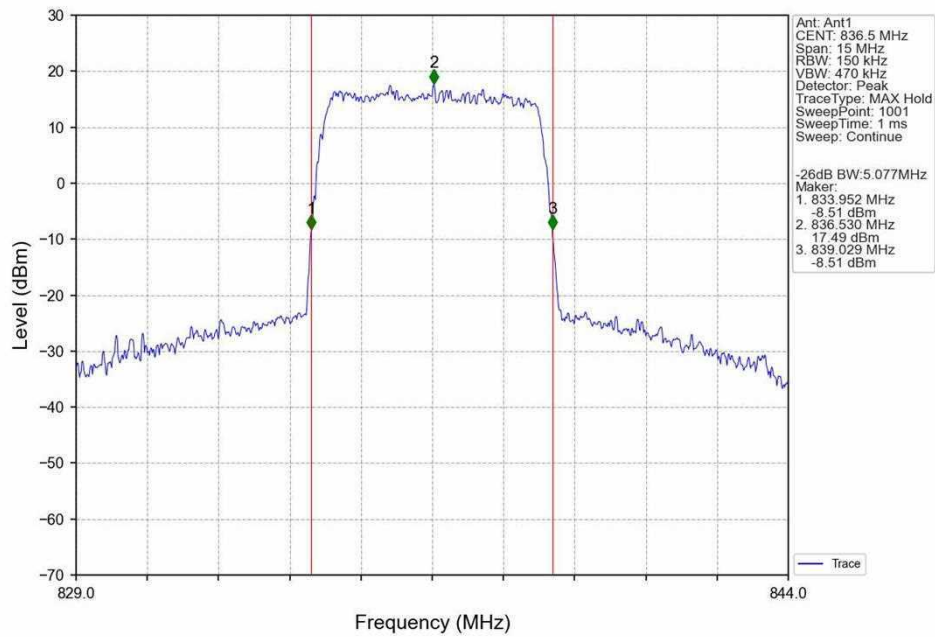
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



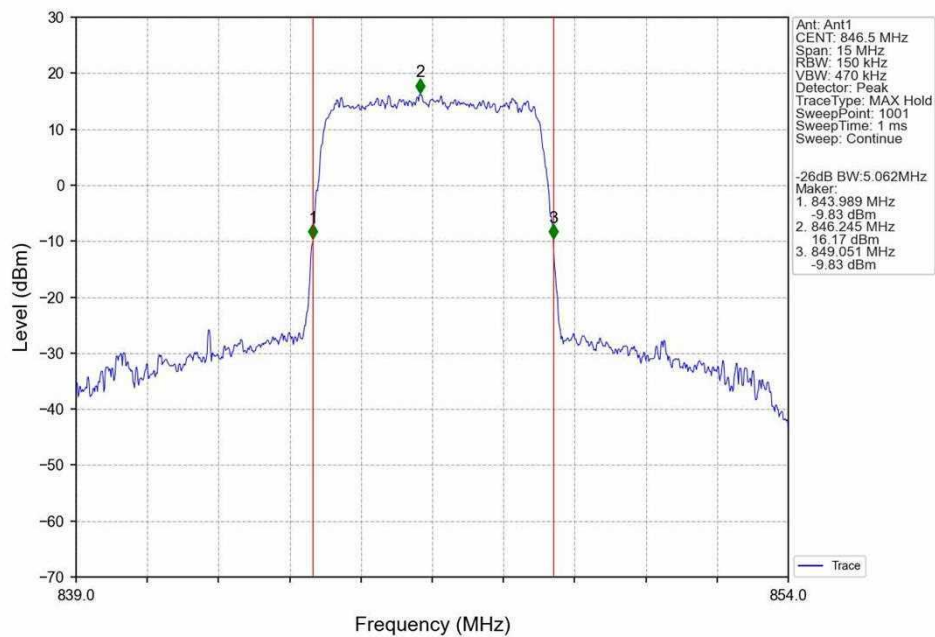
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



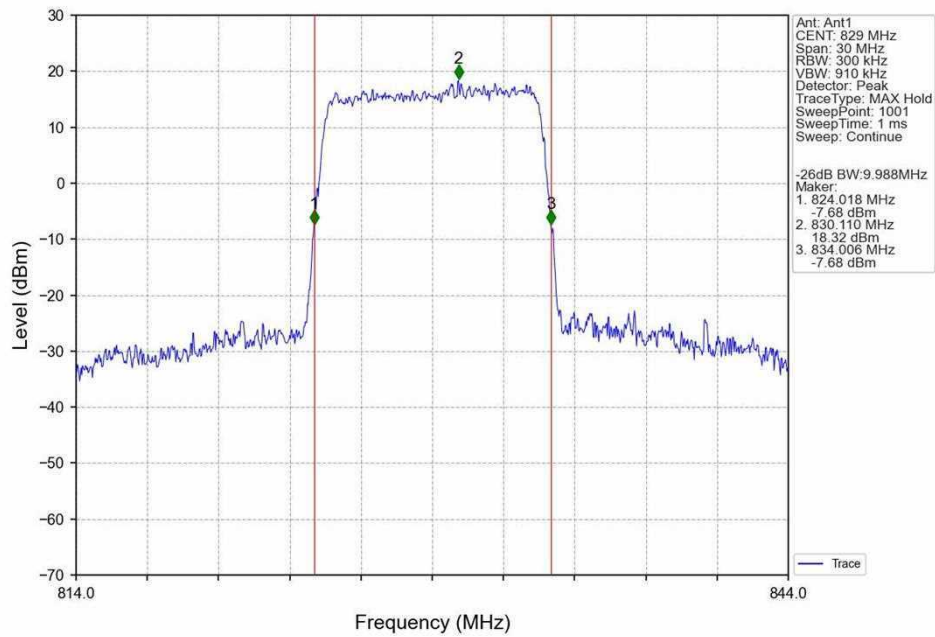
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



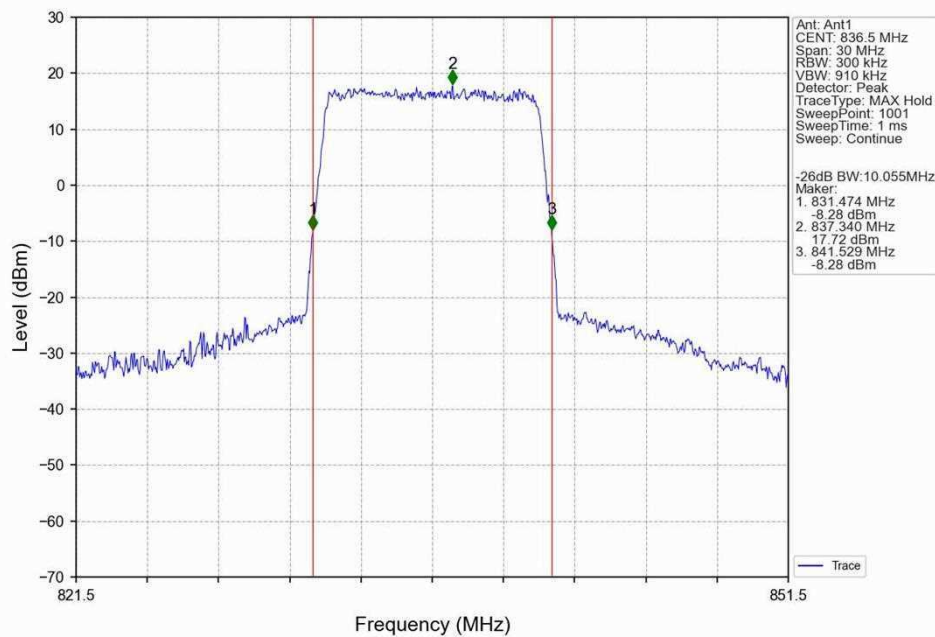
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



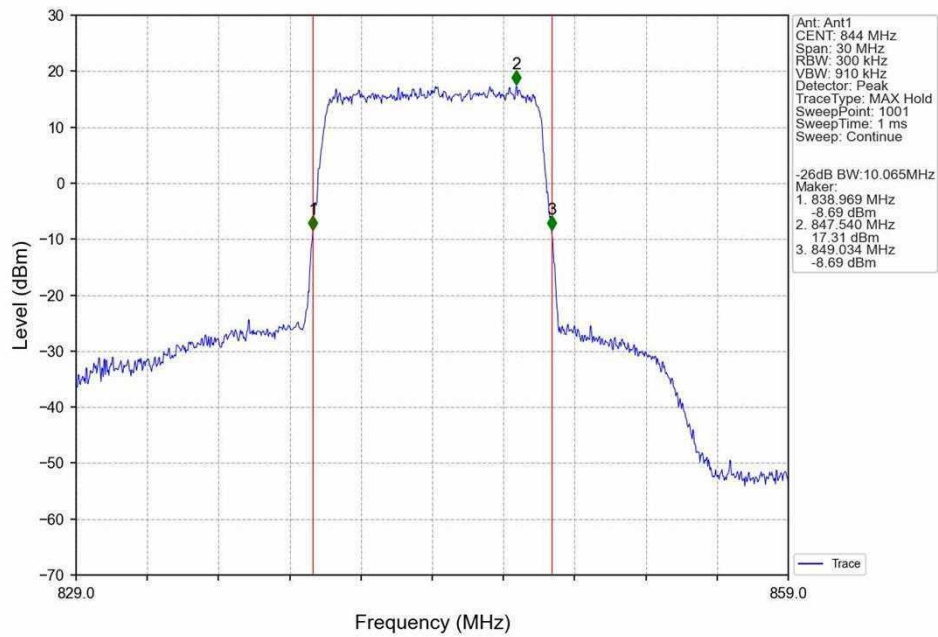
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



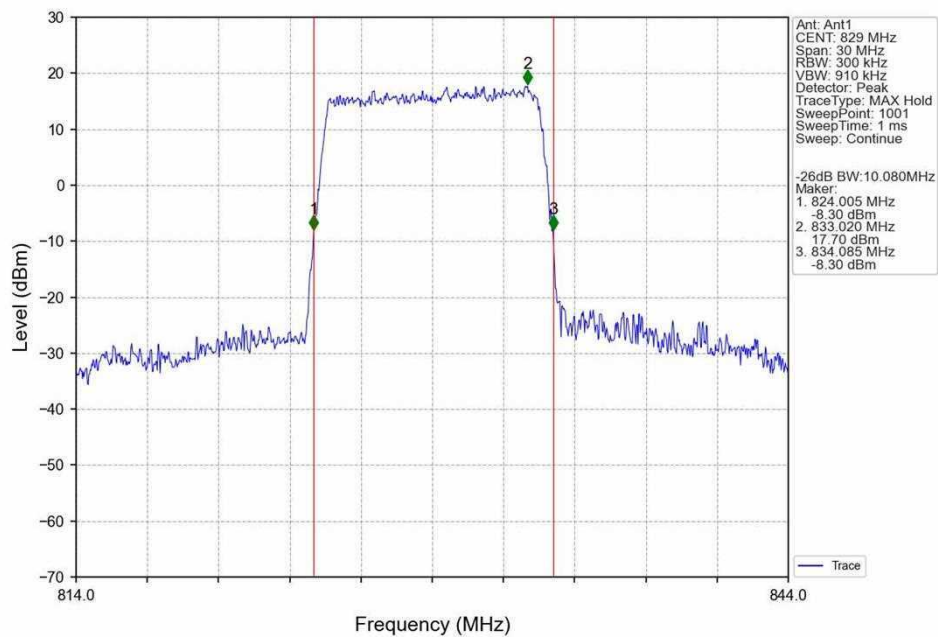
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



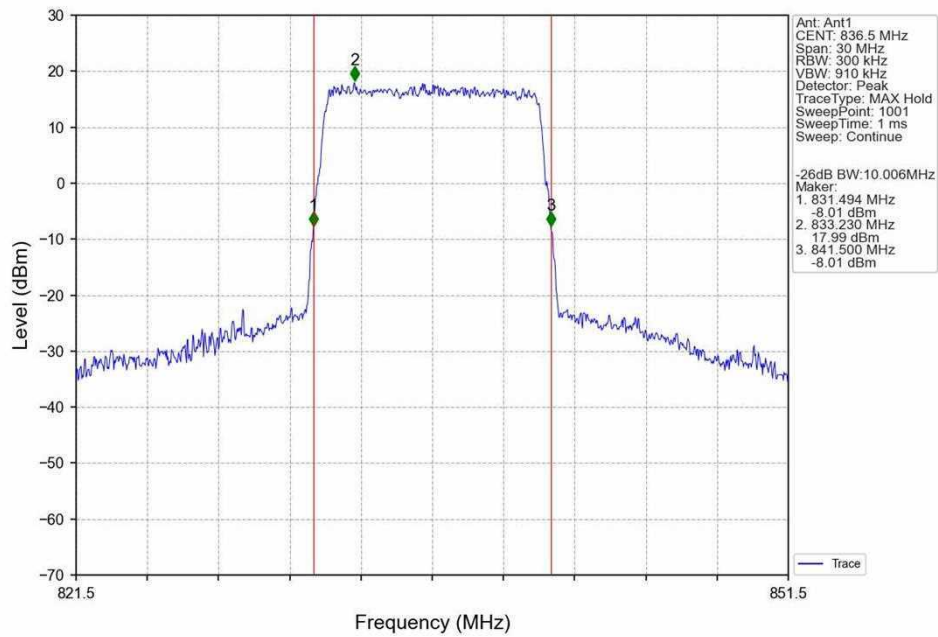
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



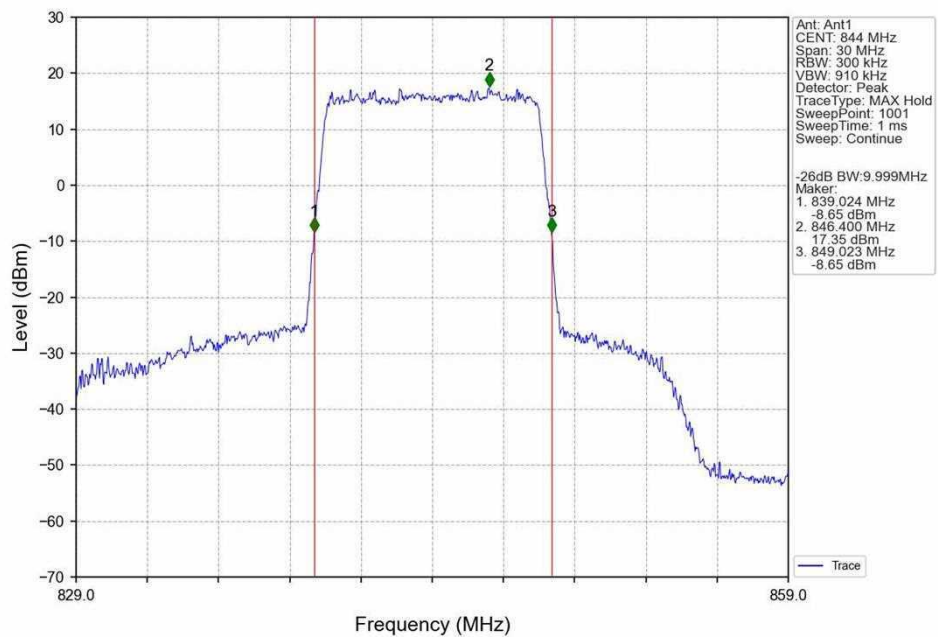
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.76	<=13	Pass
	836.5	6	0	5.67	<=13	Pass
	848.3	6	0	5.75	<=13	Pass
16QAM	824.7	6	0	6.48	<=13	Pass
	836.5	6	0	6.54	<=13	Pass
	848.3	6	0	6.40	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.82	<=13	Pass
	836.5	15	0	5.74	<=13	Pass
	847.5	15	0	5.69	<=13	Pass
16QAM	825.5	15	0	6.60	<=13	Pass
	836.5	15	0	6.54	<=13	Pass
	847.5	15	0	6.57	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.64	<=13	Pass
	836.5	25	0	5.70	<=13	Pass
	846.5	25	0	5.69	<=13	Pass
16QAM	826.5	25	0	5.63	<=13	Pass
	836.5	25	0	5.70	<=13	Pass
	846.5	25	0	5.68	<=13	Pass

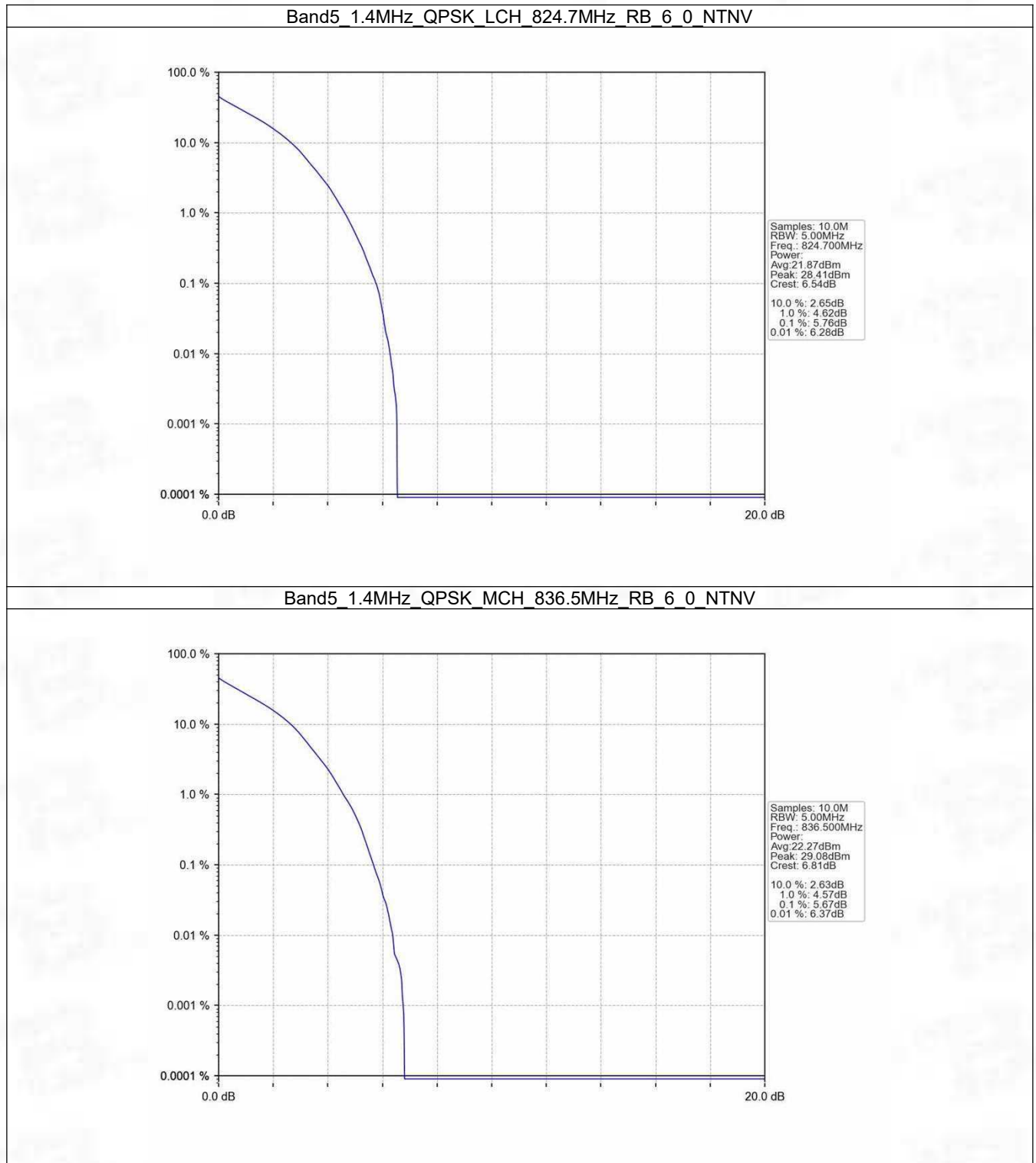
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.65	<=13	Pass
	836.5	50	0	5.69	<=13	Pass
	844	50	0	5.78	<=13	Pass
16QAM	829	50	0	6.28	<=13	Pass
	836.5	50	0	6.47	<=13	Pass

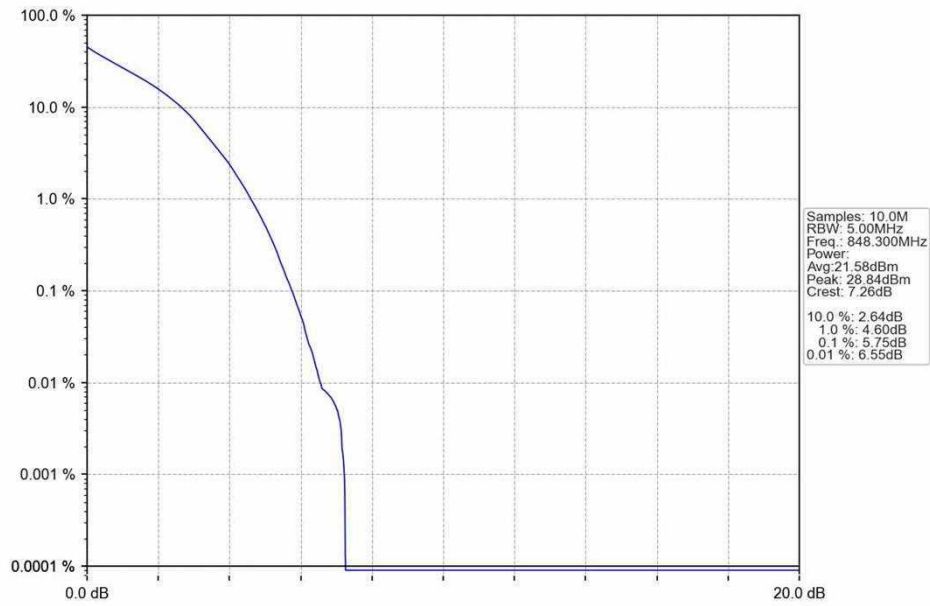
	844	50	0	6.56	<=13	Pass
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5.2 Test Graph

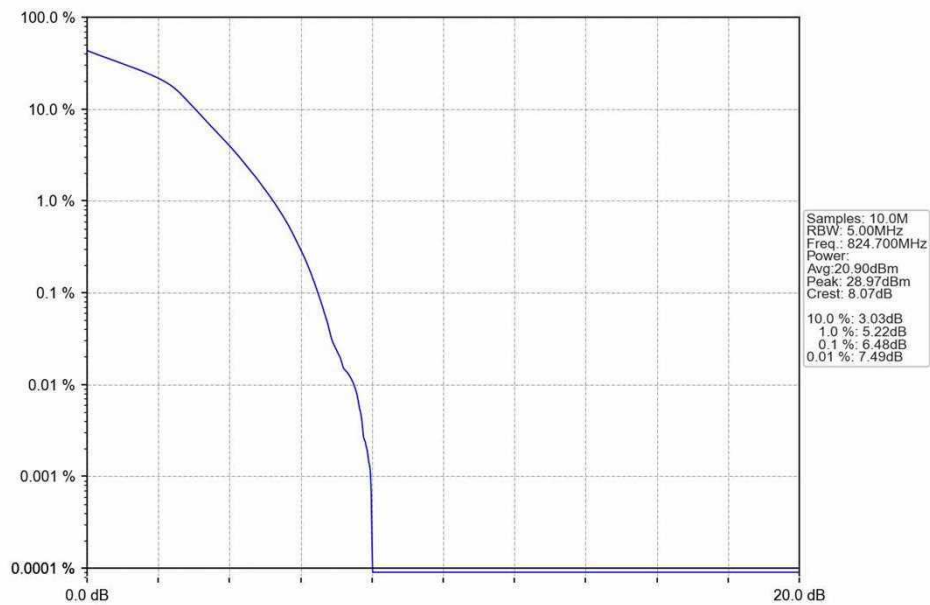
5.2.1 B5_1.4MHz



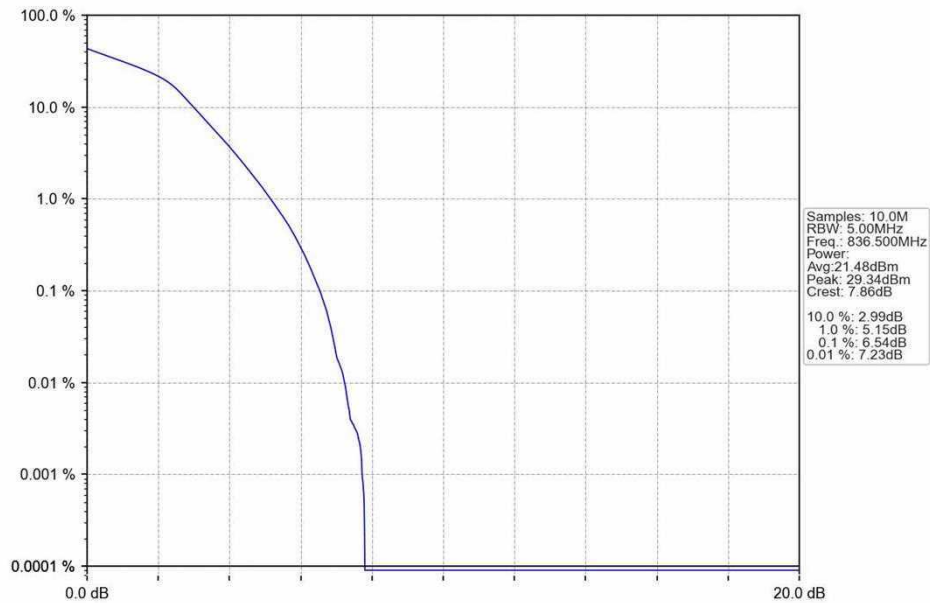
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



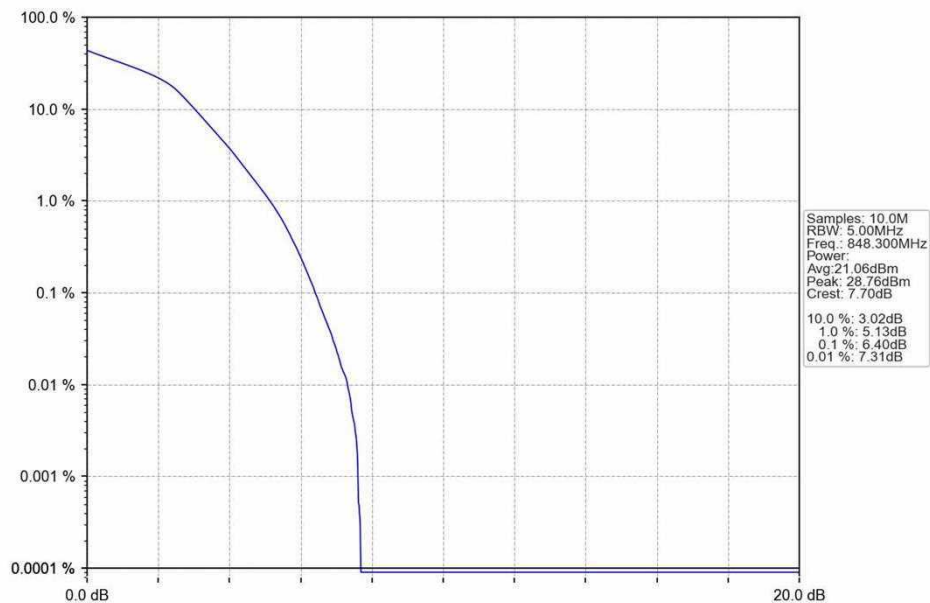
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



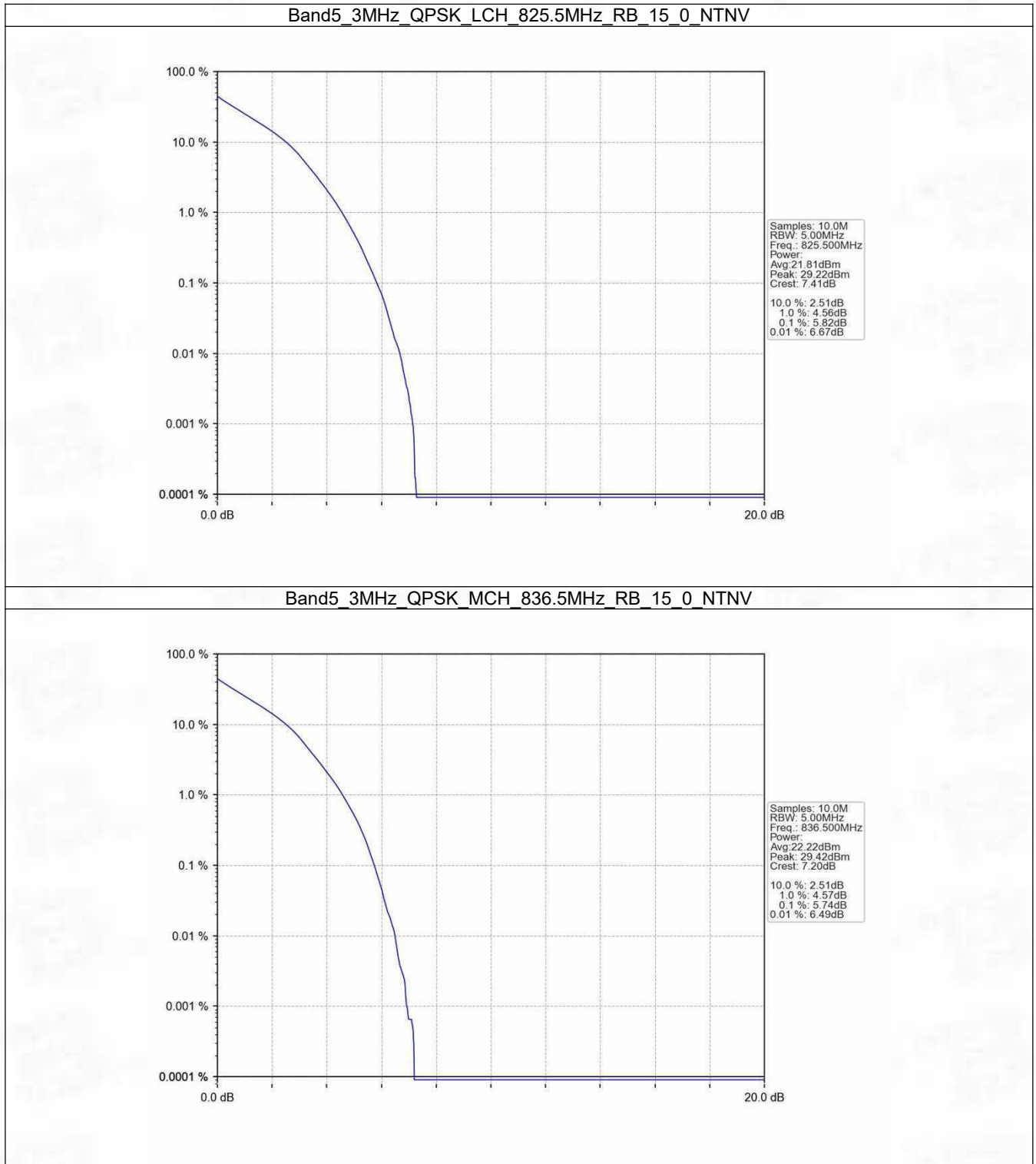
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



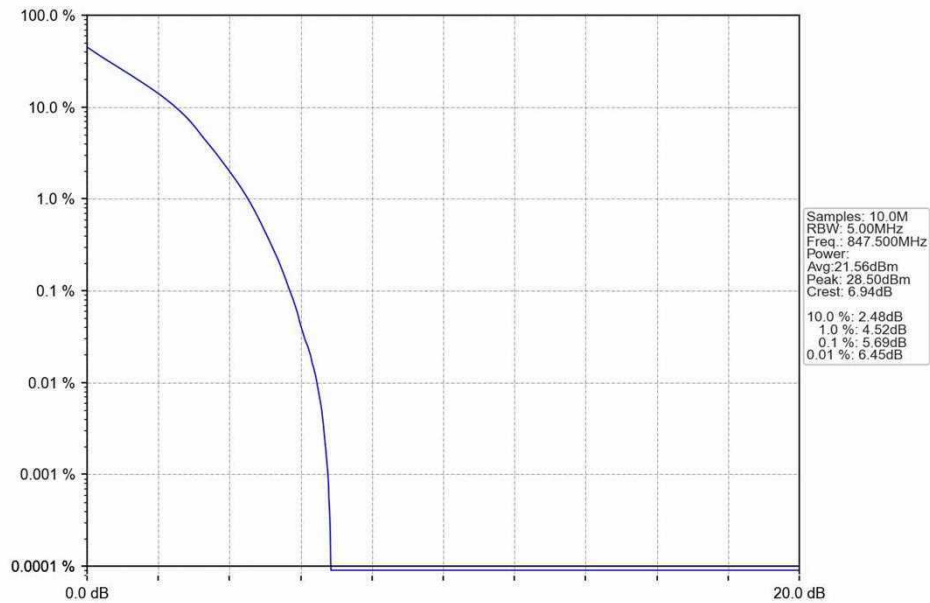
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



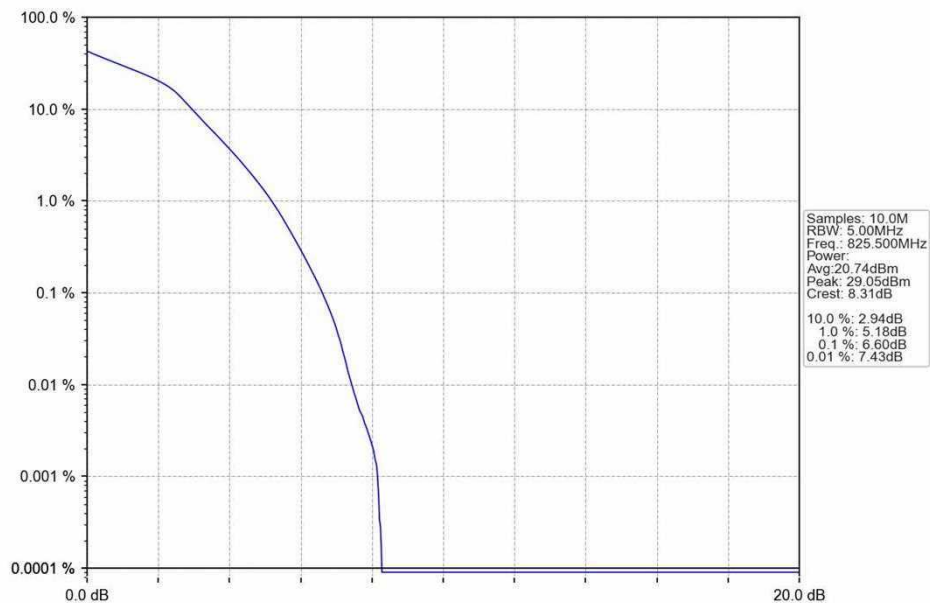
5.2.2 B5_3MHz



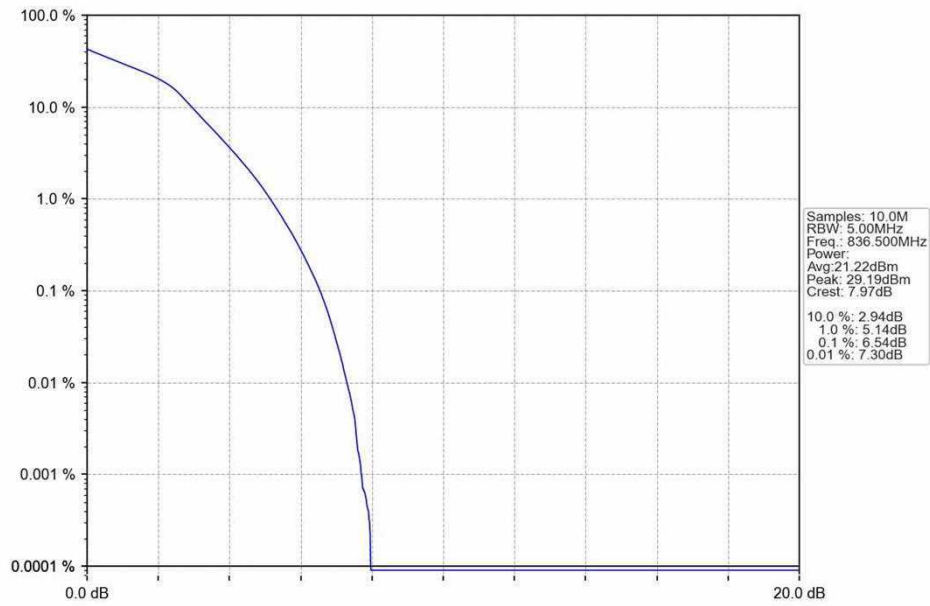
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



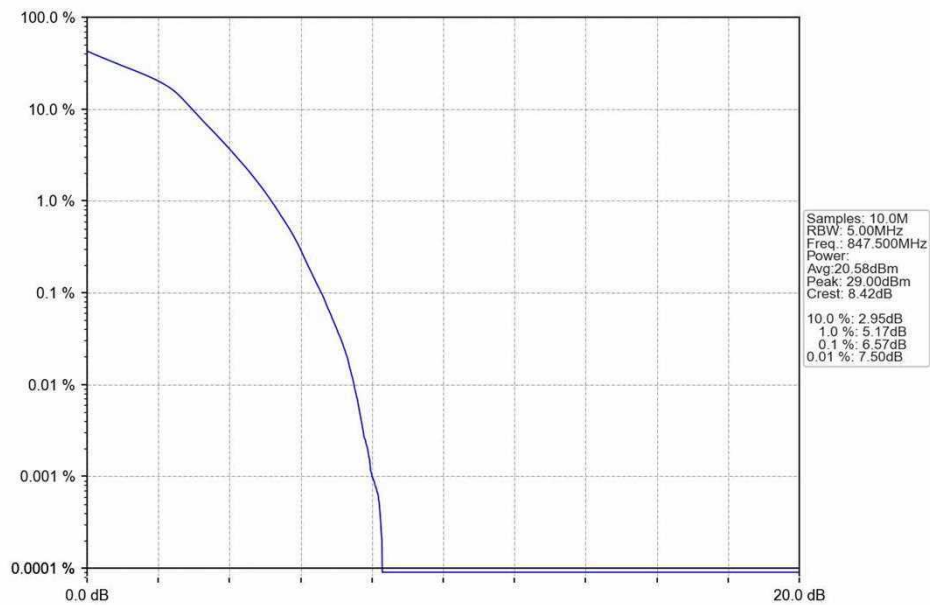
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



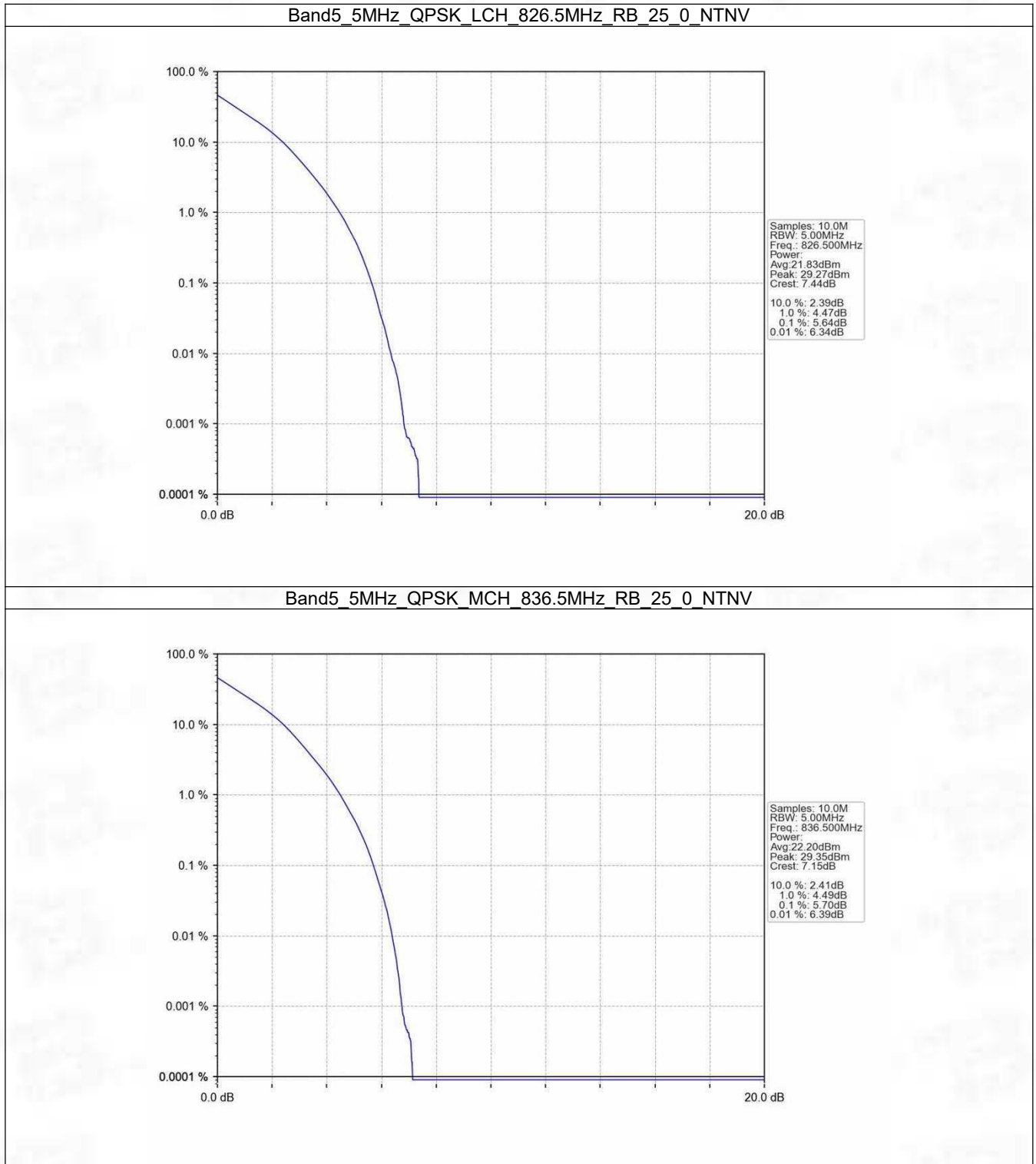
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



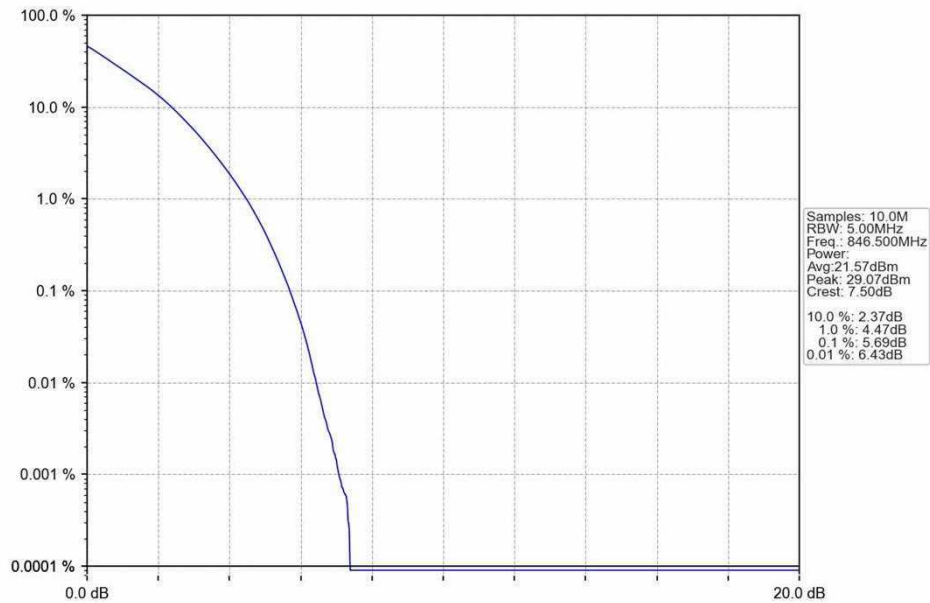
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



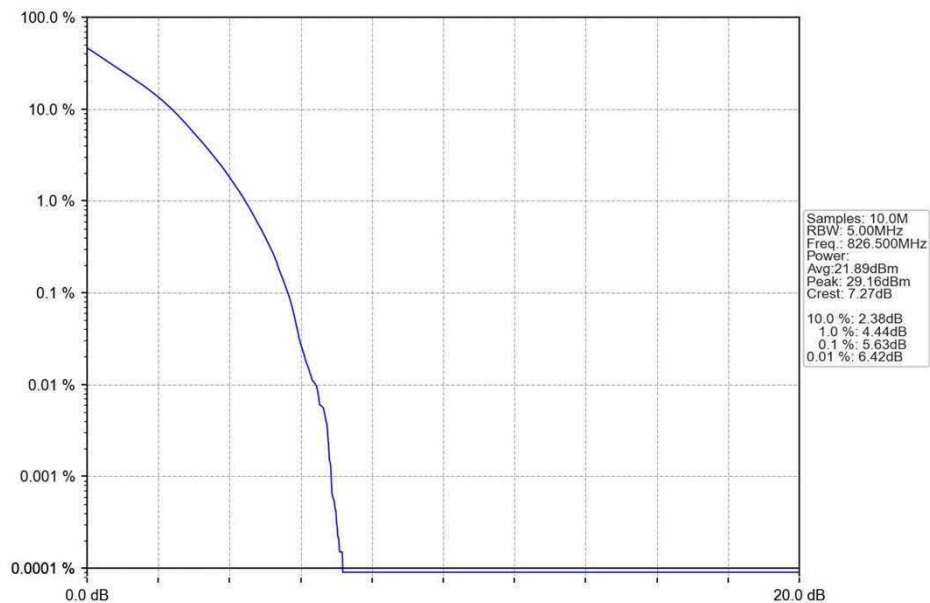
5.2.3 B5_5MHz



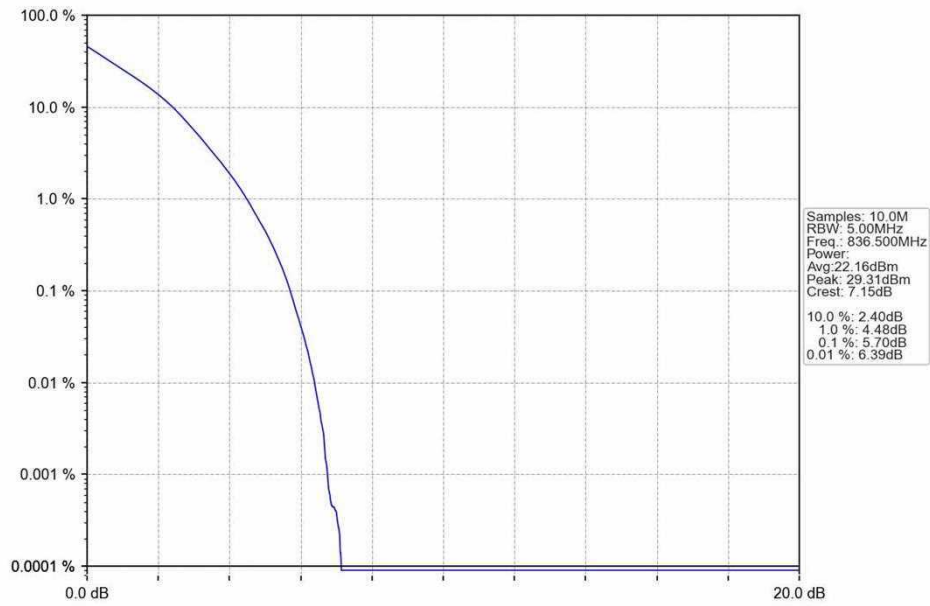
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



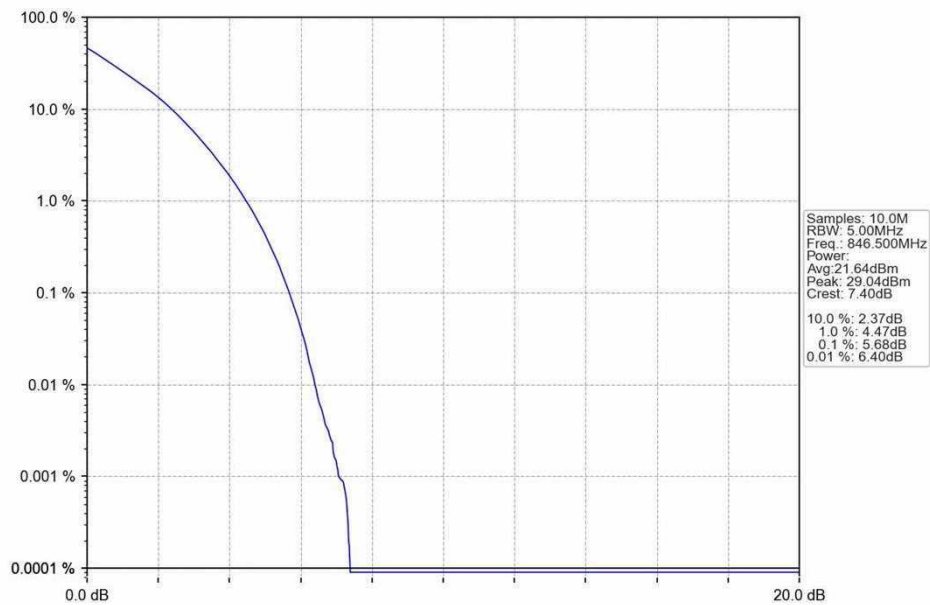
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



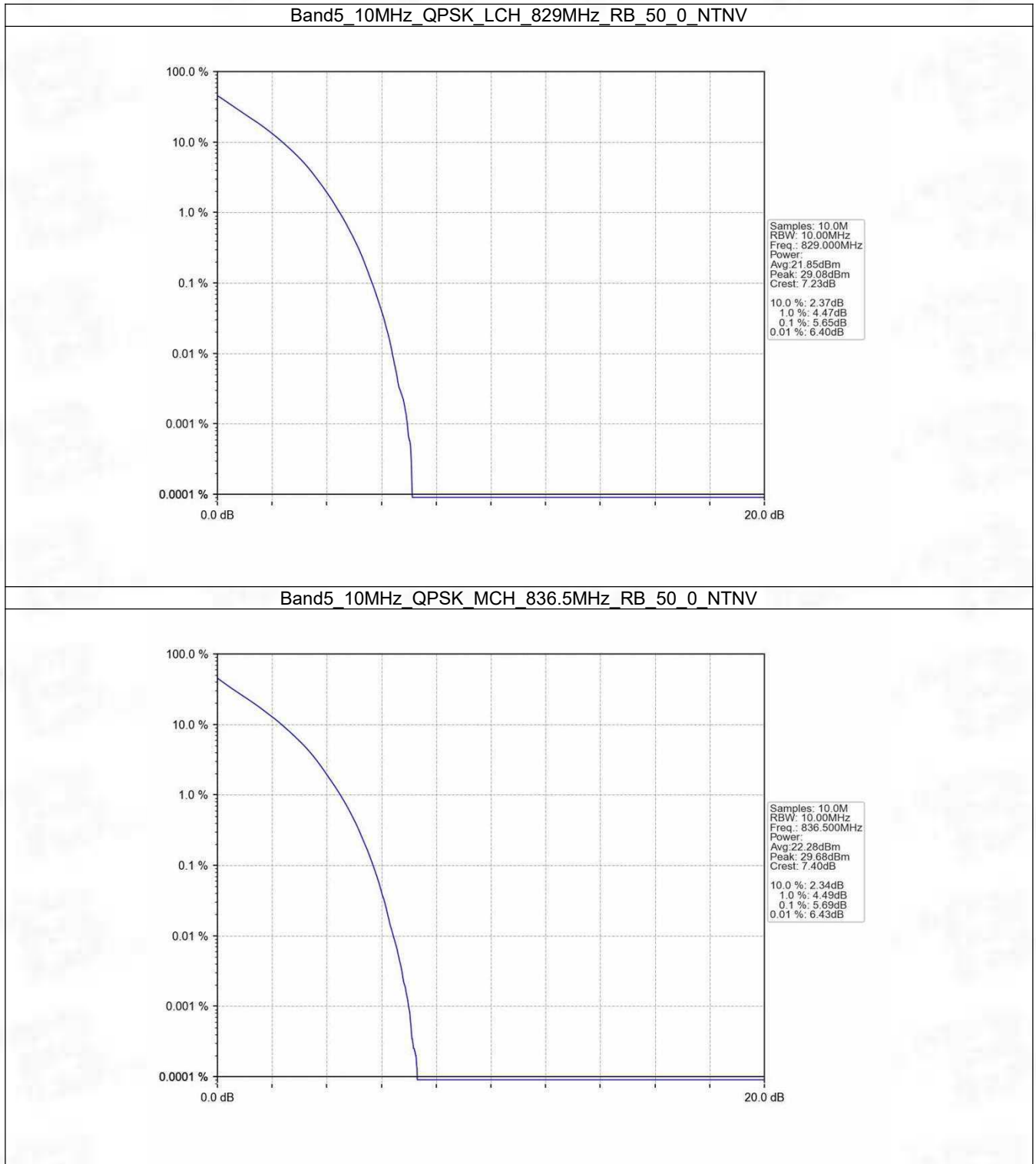
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



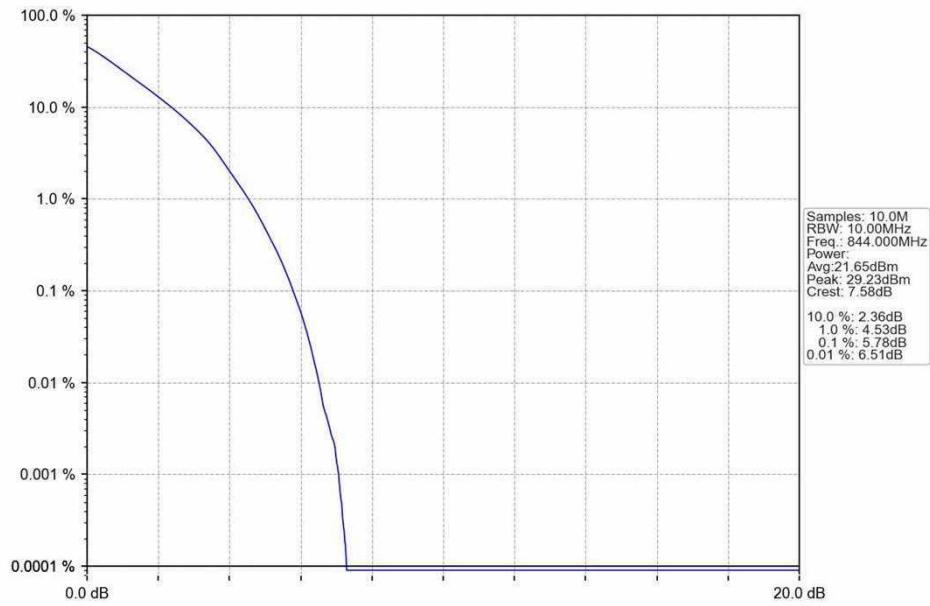
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



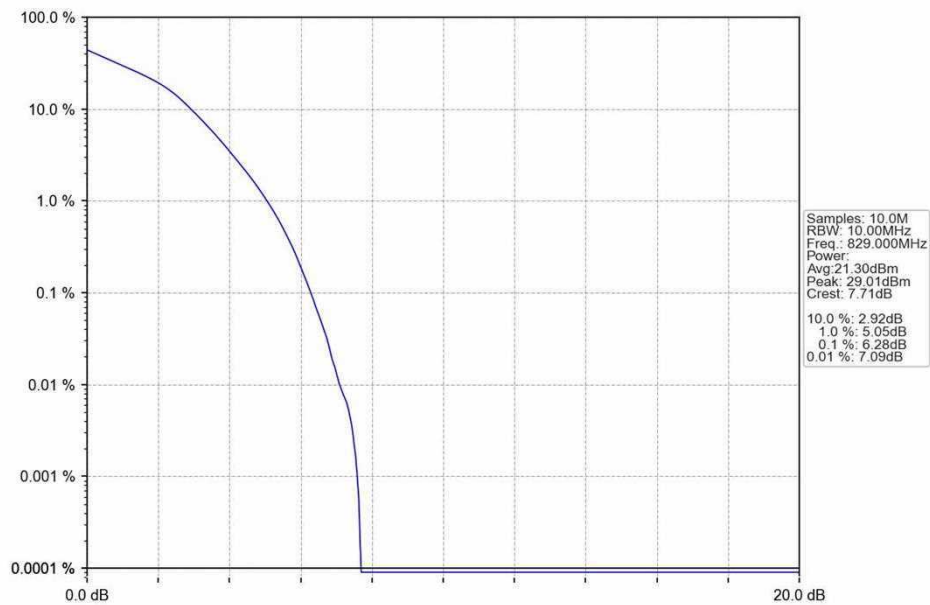
5.2.4 B5_10MHz



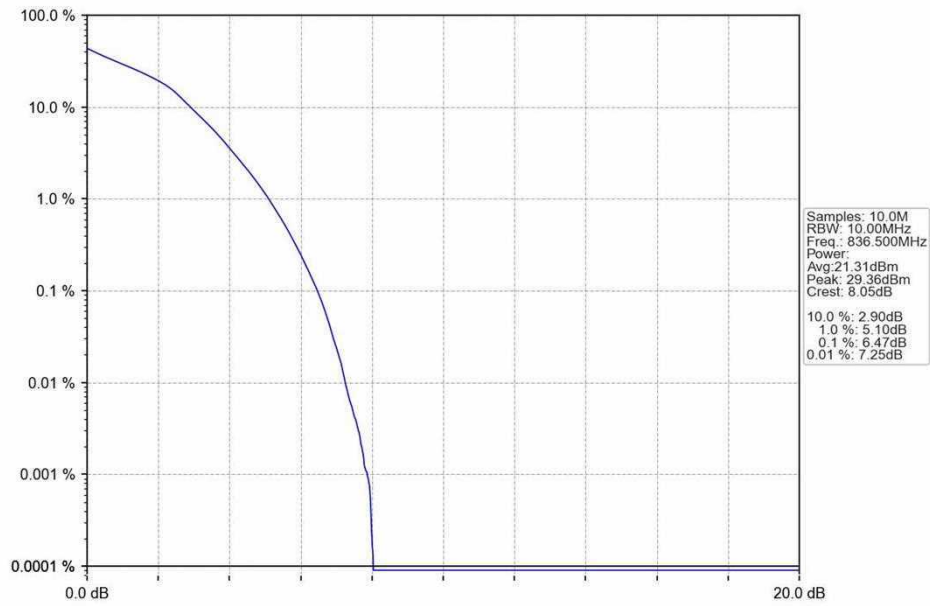
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



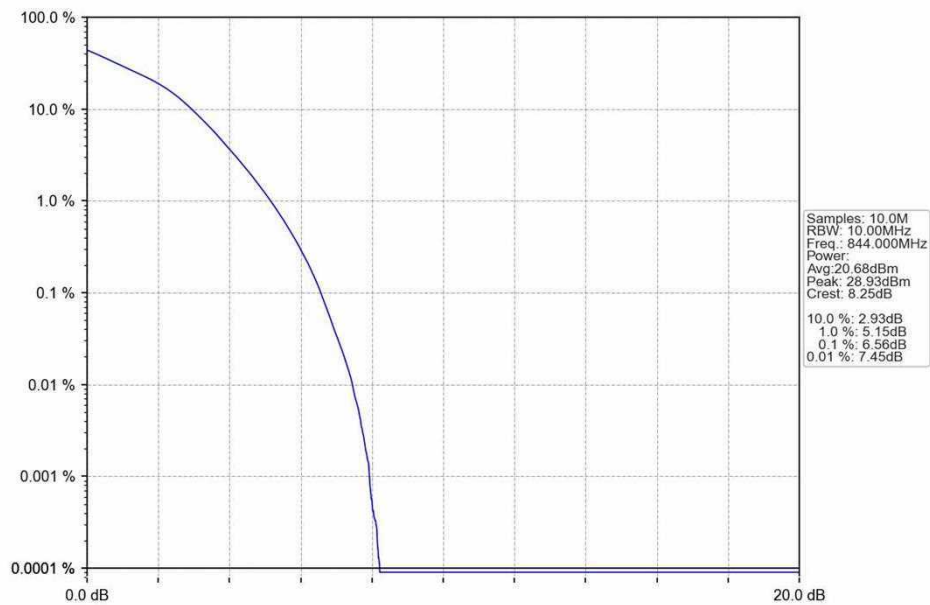
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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

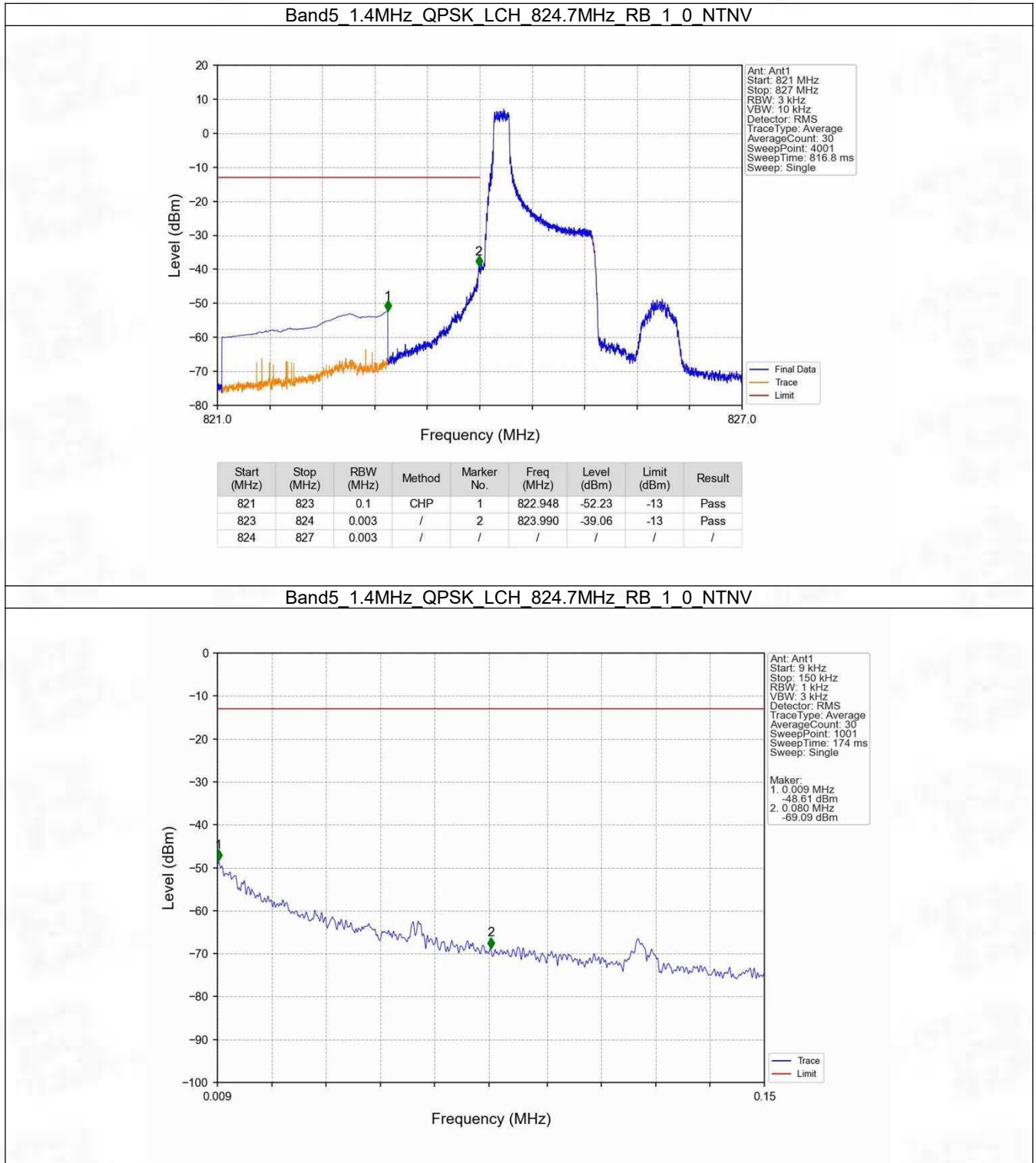
	836.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

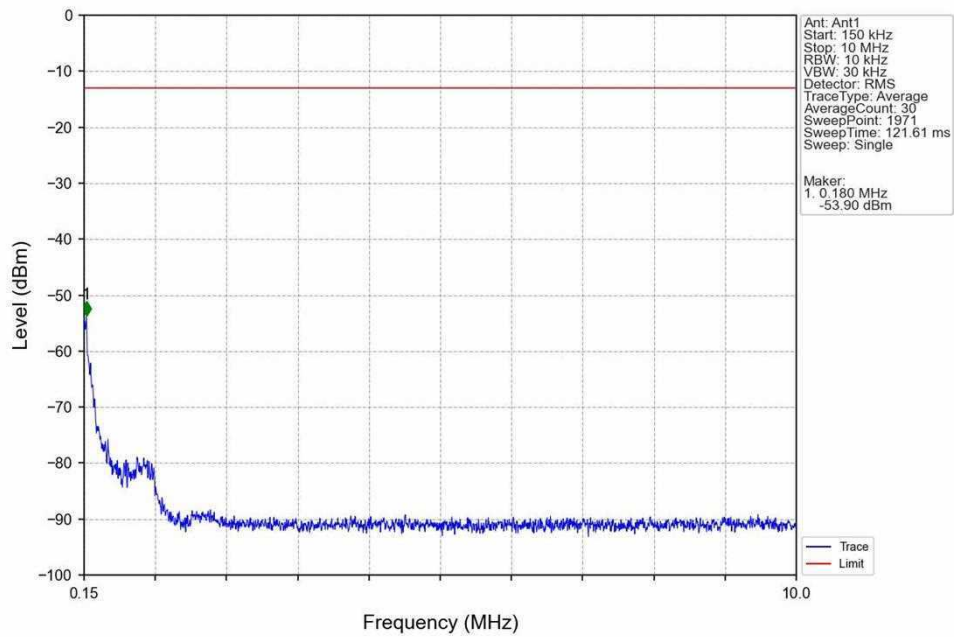
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	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

6.2 Test Graph

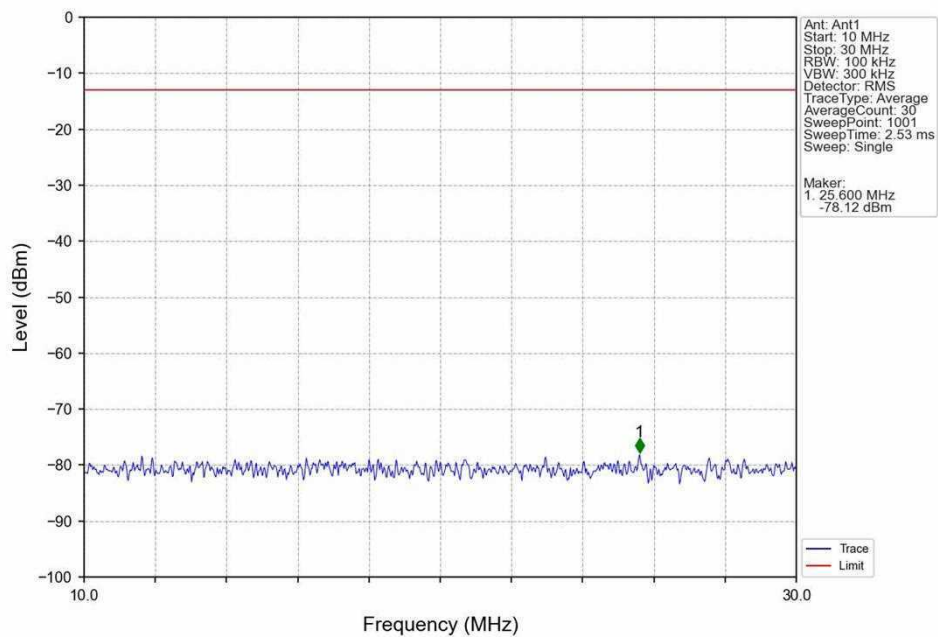
6.2.1 B5_1.4MHz



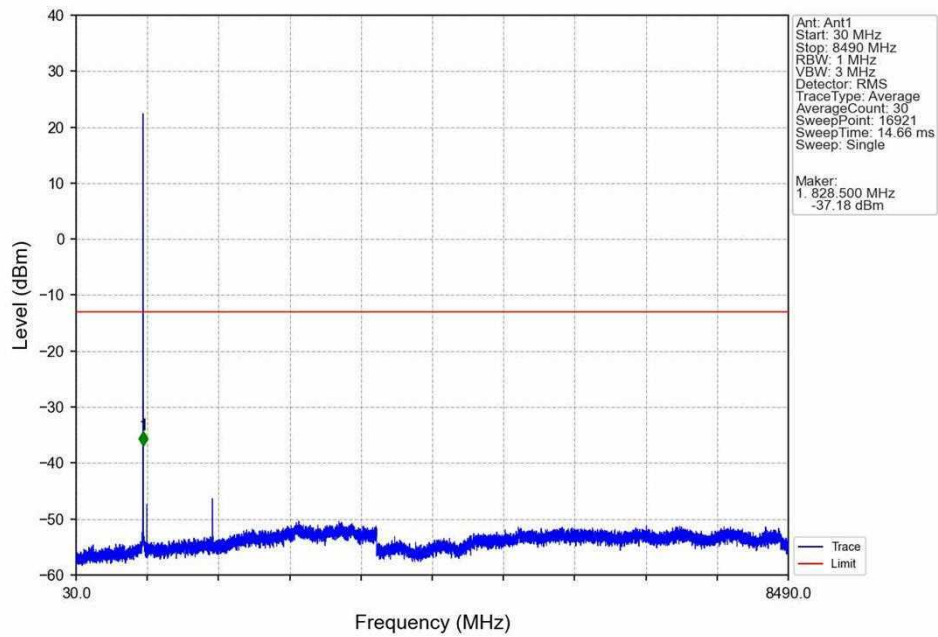
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



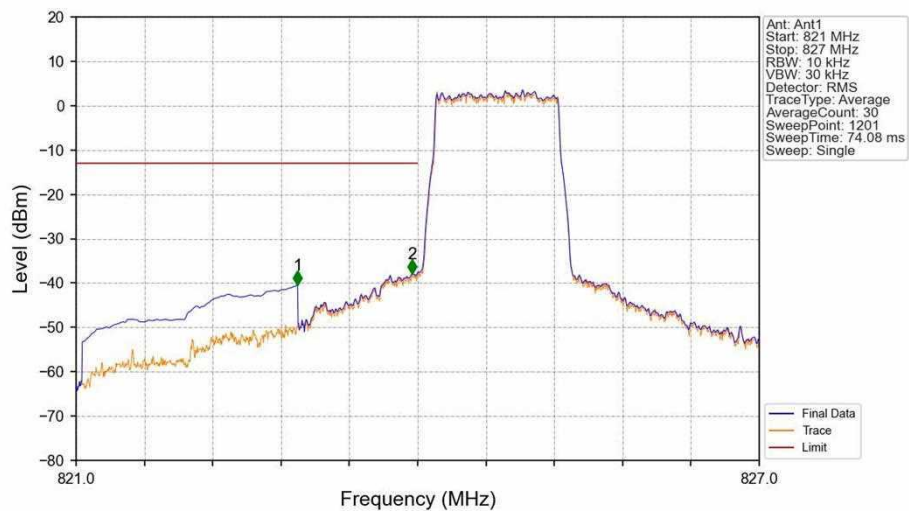
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

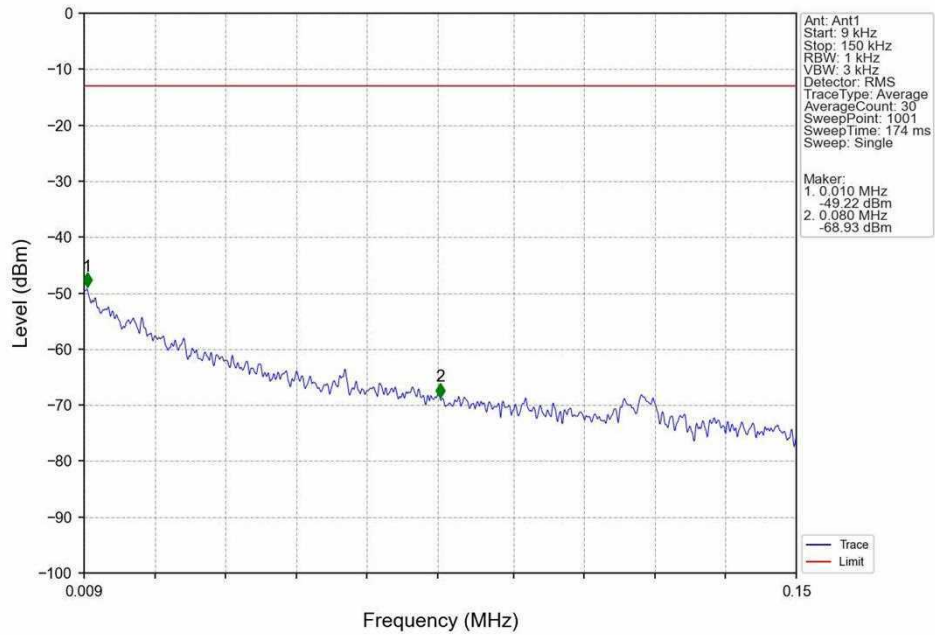


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-40.40	-13	Pass
823	824	0.013	CHP	2	823.950	-37.87	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

