



Annex for LTE Band 5

Test Report No.: CTL2405163031-WF

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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	22.66	0.94	21.45	<=38.45	Pass
			2	22.62	0.94	21.41	<=38.45	Pass
			5	22.52	0.94	21.31	<=38.45	Pass
		3	0	22.54	0.94	21.33	<=38.45	Pass
			2	22.72	0.94	21.51	<=38.45	Pass
			3	22.61	0.94	21.40	<=38.45	Pass
		6	0	21.80	0.94	20.59	<=38.45	Pass
	836.5	1	0	22.74	0.94	21.53	<=38.45	Pass
			2	22.71	0.94	21.50	<=38.45	Pass
			5	22.67	0.94	21.46	<=38.45	Pass
		3	0	22.61	0.94	21.40	<=38.45	Pass
			2	22.60	0.94	21.39	<=38.45	Pass
			3	22.63	0.94	21.42	<=38.45	Pass
		6	0	21.62	0.94	20.41	<=38.45	Pass
	848.3	1	0	22.72	0.94	21.51	<=38.45	Pass
			2	22.73	0.94	21.52	<=38.45	Pass
			5	22.44	0.94	21.23	<=38.45	Pass
		3	0	22.51	0.94	21.30	<=38.45	Pass
			2	22.59	0.94	21.38	<=38.45	Pass
			3	22.49	0.94	21.28	<=38.45	Pass
		6	0	21.62	0.94	20.41	<=38.45	Pass
16QAM	824.7	1	0	21.40	0.94	20.19	<=38.45	Pass
			2	21.44	0.94	20.23	<=38.45	Pass
			5	21.76	0.94	20.55	<=38.45	Pass
		3	0	21.60	0.94	20.39	<=38.45	Pass
			2	21.69	0.94	20.48	<=38.45	Pass
			3	21.62	0.94	20.41	<=38.45	Pass
		6	0	20.39	0.94	19.18	<=38.45	Pass
	836.5	1	0	22.02	0.94	20.81	<=38.45	Pass
			2	22.19	0.94	20.98	<=38.45	Pass
			5	22.03	0.94	20.82	<=38.45	Pass
		3	0	21.66	0.94	20.45	<=38.45	Pass
			2	21.89	0.94	20.68	<=38.45	Pass
			3	21.85	0.94	20.64	<=38.45	Pass
		6	0	20.36	0.94	19.15	<=38.45	Pass
	848.3	1	0	21.21	0.94	20.00	<=38.45	Pass
			2	21.22	0.94	20.01	<=38.45	Pass
			5	21.49	0.94	20.28	<=38.45	Pass
		3	0	21.64	0.94	20.43	<=38.45	Pass
			2	21.59	0.94	20.38	<=38.45	Pass
			3	21.55	0.94	20.34	<=38.45	Pass
		6	0	20.62	0.94	19.41	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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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	22.63	0.94	21.42	<=38.45	Pass
			7	22.66	0.94	21.45	<=38.45	Pass
			14	22.56	0.94	21.35	<=38.45	Pass
		8	0	21.71	0.94	20.50	<=38.45	Pass
			4	21.63	0.94	20.42	<=38.45	Pass
			7	21.59	0.94	20.38	<=38.45	Pass
		15	0	21.77	0.94	20.56	<=38.45	Pass
	836.5	1	0	22.62	0.94	21.41	<=38.45	Pass
			7	22.93	0.94	21.72	<=38.45	Pass
			14	22.56	0.94	21.35	<=38.45	Pass
		8	0	21.70	0.94	20.49	<=38.45	Pass
			4	21.70	0.94	20.49	<=38.45	Pass
			7	21.71	0.94	20.50	<=38.45	Pass
		15	0	21.54	0.94	20.33	<=38.45	Pass
	847.5	1	0	22.53	0.94	21.32	<=38.45	Pass
			7	22.69	0.94	21.48	<=38.45	Pass
			14	22.42	0.94	21.21	<=38.45	Pass
		8	0	21.64	0.94	20.43	<=38.45	Pass
			4	21.63	0.94	20.42	<=38.45	Pass
			7	21.57	0.94	20.36	<=38.45	Pass
		15	0	21.59	0.94	20.38	<=38.45	Pass
16QAM	825.5	1	0	22.03	0.94	20.82	<=38.45	Pass
			7	21.97	0.94	20.76	<=38.45	Pass
			14	21.95	0.94	20.74	<=38.45	Pass
		8	0	20.82	0.94	19.61	<=38.45	Pass
			4	20.55	0.94	19.34	<=38.45	Pass
			7	20.73	0.94	19.52	<=38.45	Pass
		15	0	20.62	0.94	19.41	<=38.45	Pass
	836.5	1	0	21.45	0.94	20.24	<=38.45	Pass
			7	21.63	0.94	20.42	<=38.45	Pass
			14	21.42	0.94	20.21	<=38.45	Pass
		8	0	20.51	0.94	19.30	<=38.45	Pass
			4	20.62	0.94	19.41	<=38.45	Pass
			7	20.63	0.94	19.42	<=38.45	Pass
		15	0	20.65	0.94	19.44	<=38.45	Pass
	847.5	1	0	22.12	0.94	20.91	<=38.45	Pass
			7	22.29	0.94	21.08	<=38.45	Pass
			14	21.94	0.94	20.73	<=38.45	Pass
		8	0	20.70	0.94	19.49	<=38.45	Pass
			4	20.27	0.94	19.06	<=38.45	Pass
			7	20.24	0.94	19.03	<=38.45	Pass
		15	0	20.32	0.94	19.11	<=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	22.60	0.94	21.39	<=38.45	Pass
			13	22.74	0.94	21.53	<=38.45	Pass
			24	22.69	0.94	21.48	<=38.45	Pass

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		12	0	21.60	0.94	20.39	<=38.45	Pass			
			6	21.65	0.94	20.44	<=38.45	Pass			
			13	21.77	0.94	20.56	<=38.45	Pass			
		25	0	21.61	0.94	20.40	<=38.45	Pass			
			836.5	1	0	22.46	0.94	21.25	<=38.45	Pass	
					13	22.76	0.94	21.55	<=38.45	Pass	
		24			22.49	0.94	21.28	<=38.45	Pass		
		12		0	21.60	0.94	20.39	<=38.45	Pass		
				6	21.69	0.94	20.48	<=38.45	Pass		
				13	21.66	0.94	20.45	<=38.45	Pass		
		25	0	21.63	0.94	20.42	<=38.45	Pass			
		846.5	1	0	22.41	0.94	21.20	<=38.45	Pass		
	13			22.46	0.94	21.25	<=38.45	Pass			
	24			22.33	0.94	21.12	<=38.45	Pass			
	12		0	21.69	0.94	20.48	<=38.45	Pass			
			6	21.57	0.94	20.36	<=38.45	Pass			
			13	21.54	0.94	20.33	<=38.45	Pass			
	25		0	21.59	0.94	20.38	<=38.45	Pass			
			16QAM	826.5	1	0	20.93	0.94	19.72	<=38.45	Pass
						13	20.88	0.94	19.67	<=38.45	Pass
	24	21.66				0.94	20.45	<=38.45	Pass		
	12	0			20.47	0.94	19.26	<=38.45	Pass		
		6			20.52	0.94	19.31	<=38.45	Pass		
		13			20.79	0.94	19.58	<=38.45	Pass		
25	0	20.69			0.94	19.48	<=38.45	Pass			
836.5	1	0			21.30	0.94	20.09	<=38.45	Pass		
		13			21.56	0.94	20.35	<=38.45	Pass		
		24		21.40	0.94	20.19	<=38.45	Pass			
	12	0		20.43	0.94	19.22	<=38.45	Pass			
		6		20.41	0.94	19.20	<=38.45	Pass			
		13		20.38	0.94	19.17	<=38.45	Pass			
25	0	20.51		0.94	19.30	<=38.45	Pass				
846.5	1	0		21.84	0.94	20.63	<=38.45	Pass			
		13		21.87	0.94	20.66	<=38.45	Pass			
		24		21.61	0.94	20.40	<=38.45	Pass			
	12	0		20.65	0.94	19.44	<=38.45	Pass			
		6		20.40	0.94	19.19	<=38.45	Pass			
		13		20.35	0.94	19.14	<=38.45	Pass			
	25	0		20.64	0.94	19.43	<=38.45	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15											

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	22.74	0.94	21.53	<=38.45	Pass
			25	23.01	0.94	21.80	<=38.45	Pass
			49	22.76	0.94	21.55	<=38.45	Pass
		25	0	21.99	0.94	20.78	<=38.45	Pass
			13	22.08	0.94	20.87	<=38.45	Pass
			25	21.95	0.94	20.74	<=38.45	Pass
		50	0	21.99	0.94	20.78	<=38.45	Pass
			0	22.88	0.94	21.67	<=38.45	Pass
			25	23.13	0.94	21.92	<=38.45	Pass
	836.5	1	49	22.66	0.94	21.45	<=38.45	Pass
			0	22.66	0.94	21.45	<=38.45	Pass
			0	22.66	0.94	21.45	<=38.45	Pass

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16QAM	844	25	0	21.89	0.94	20.68	<=38.45	Pass
			13	21.99	0.94	20.78	<=38.45	Pass
			25	21.86	0.94	20.65	<=38.45	Pass
		50	0	21.88	0.94	20.67	<=38.45	Pass
		1	0	22.59	0.94	21.38	<=38.45	Pass
			25	22.91	0.94	21.70	<=38.45	Pass
			49	22.65	0.94	21.44	<=38.45	Pass
		25	0	21.85	0.94	20.64	<=38.45	Pass
			13	21.96	0.94	20.75	<=38.45	Pass
			25	21.86	0.94	20.65	<=38.45	Pass
	829	1	0	21.93	0.94	20.72	<=38.45	Pass
			25	21.90	0.94	20.69	<=38.45	Pass
			49	22.61	0.94	21.40	<=38.45	Pass
		25	0	21.76	0.94	20.55	<=38.45	Pass
			0	20.48	0.94	19.27	<=38.45	Pass
			13	20.71	0.94	19.50	<=38.45	Pass
			25	20.65	0.94	19.44	<=38.45	Pass
		50	0	20.63	0.94	19.42	<=38.45	Pass
	836.5	1	0	20.60	0.94	19.39	<=38.45	Pass
			0	21.08	0.94	19.87	<=38.45	Pass
			25	22.04	0.94	20.83	<=38.45	Pass
		25	49	21.24	0.94	20.03	<=38.45	Pass
			0	20.53	0.94	19.32	<=38.45	Pass
			13	20.49	0.94	19.28	<=38.45	Pass
			25	20.70	0.94	19.49	<=38.45	Pass
		50	0	20.60	0.94	19.39	<=38.45	Pass
	844	1	0	22.06	0.94	20.85	<=38.45	Pass
			25	22.12	0.94	20.91	<=38.45	Pass
			49	22.23	0.94	21.02	<=38.45	Pass
		25	0	20.49	0.94	19.28	<=38.45	Pass
			13	20.70	0.94	19.49	<=38.45	Pass
			25	20.45	0.94	19.24	<=38.45	Pass
		50	0	20.48	0.94	19.27	<=38.45	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	-1.373	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.360	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0031	-2.5 to 2.5	Pass

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16QAM	836.5	6	0	20	3.27	-1.116	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.944	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.515	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.772	0.0009	-2.5 to 2.5	Pass
	824.7	6	0	20	3.27	-1.416	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.059	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.775	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.774	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	0.300	0.0004	-2.5 to 2.5	Pass
					3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.087	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.830	-0.0010	-2.5 to 2.5	Pass
					3.85	0.143	0.0002	-2.5 to 2.5	Pass
					4.43	0.372	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.544	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0016	-2.5 to 2.5	Pass

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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	0.501	0.0006	-2.5 to 2.5	Pass
					3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.701	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.202	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.815	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-3.119	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.616	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0025	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-1.001	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.529	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0003	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.458	-0.0005	-2.5 to 2.5	Pass
					3.85	0.100	0.0001	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass

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	847.5	15	0	40	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				20	3.27	-2.933	-0.0035	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.203	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.303	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.329	-0.0004	-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	-1.574	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.815	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.372	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.302	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-1.631	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.329	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass

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				-20	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.401	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
					4.43	0.844	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.358	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				50	3.85	1.187	0.0014	-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	0.057	0.0001	-2.5 to 2.5	Pass
					3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-0.672	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass

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	844	50	0	50	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				20	3.27	0.072	0.0001	-2.5 to 2.5	Pass
					3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.287	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-0.587	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
					4.43	0.157	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.472	0.0006	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-1.202	-0.0014	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.658	0.0008	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.801	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTN				
Modulation	Frequency	RB Allocation	Modulation Characteristics	Verdict

FCCID: 2BCUE-P8GLOBAL

	(MHz)	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 / NTNV						
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

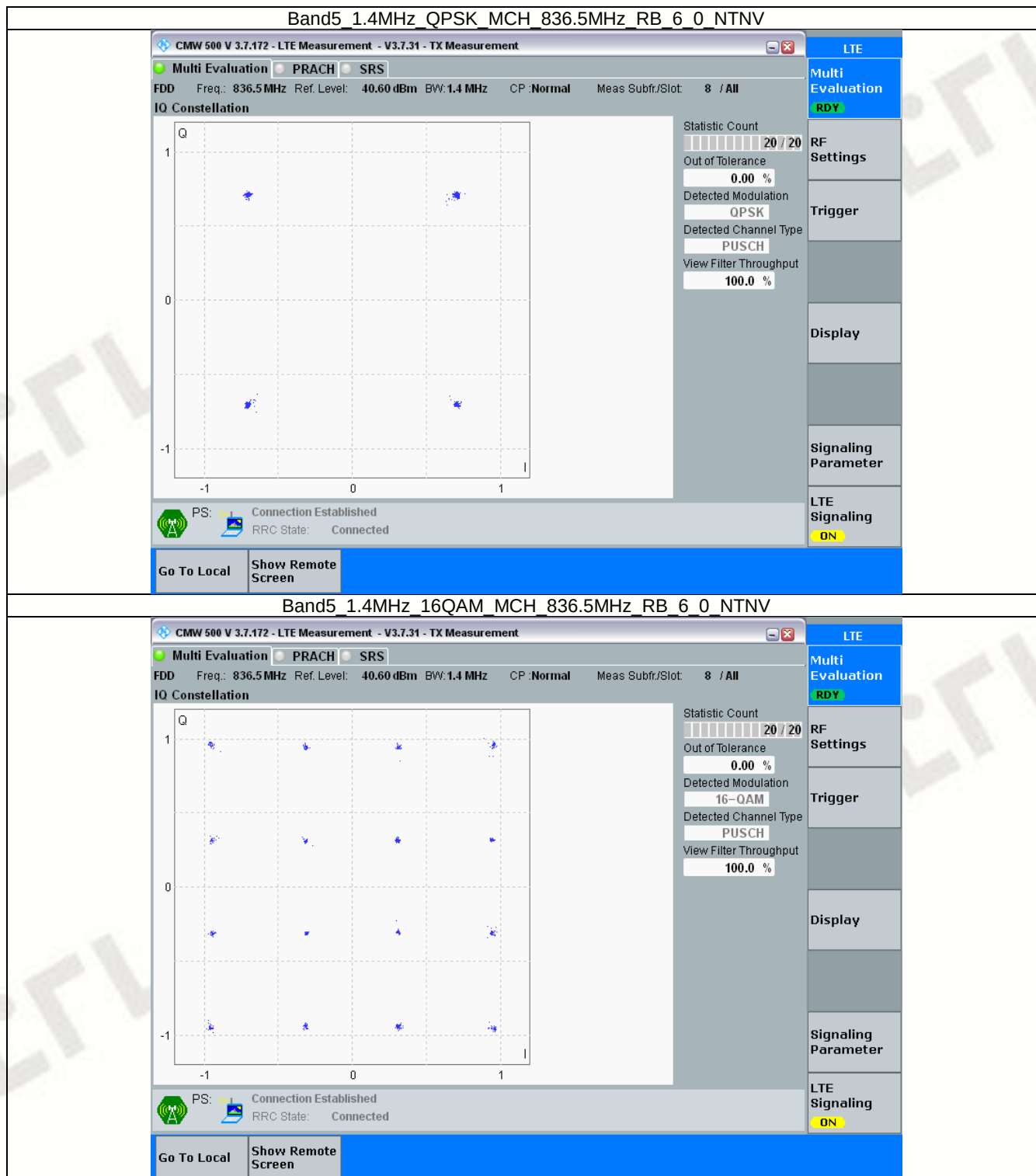
3.1.4 B5_10MHz

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

FCCID: 2BCUE-P8GLOBAL

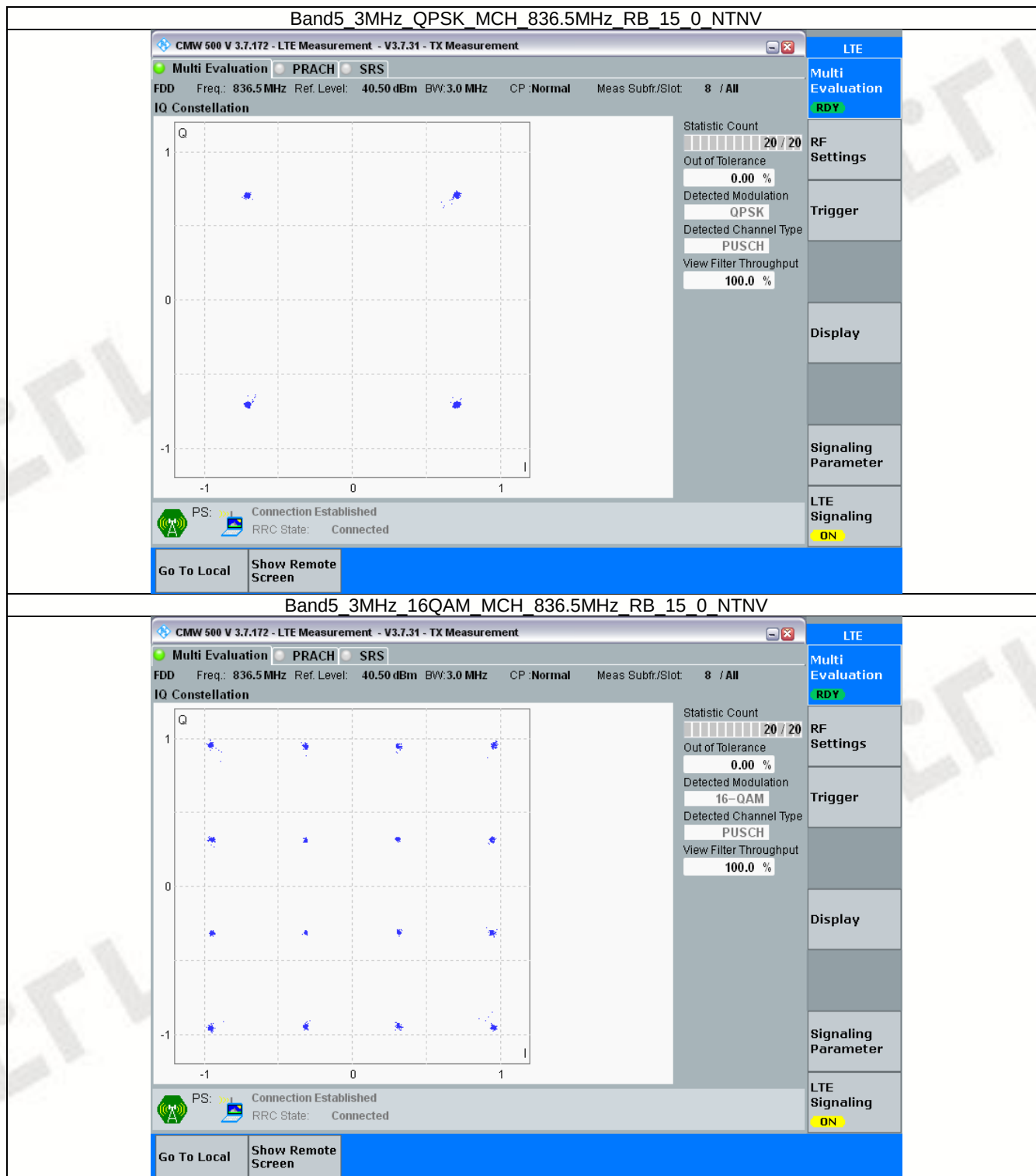
3.2 Test Graph

3.2.1 B5_1.4MHz



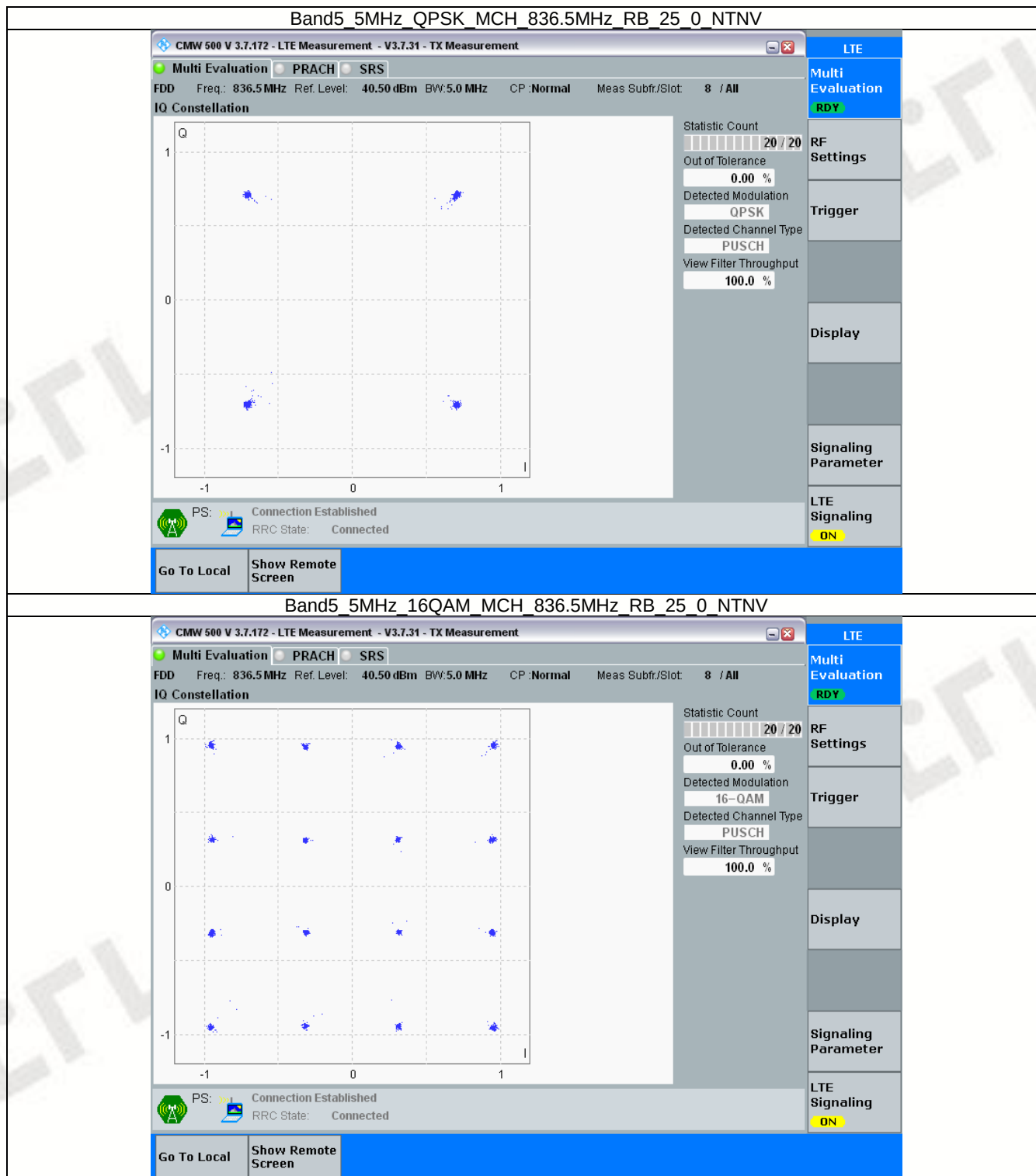
FCCID: 2BCUE-P8GLOBAL

3.2.2 B5_3MHz



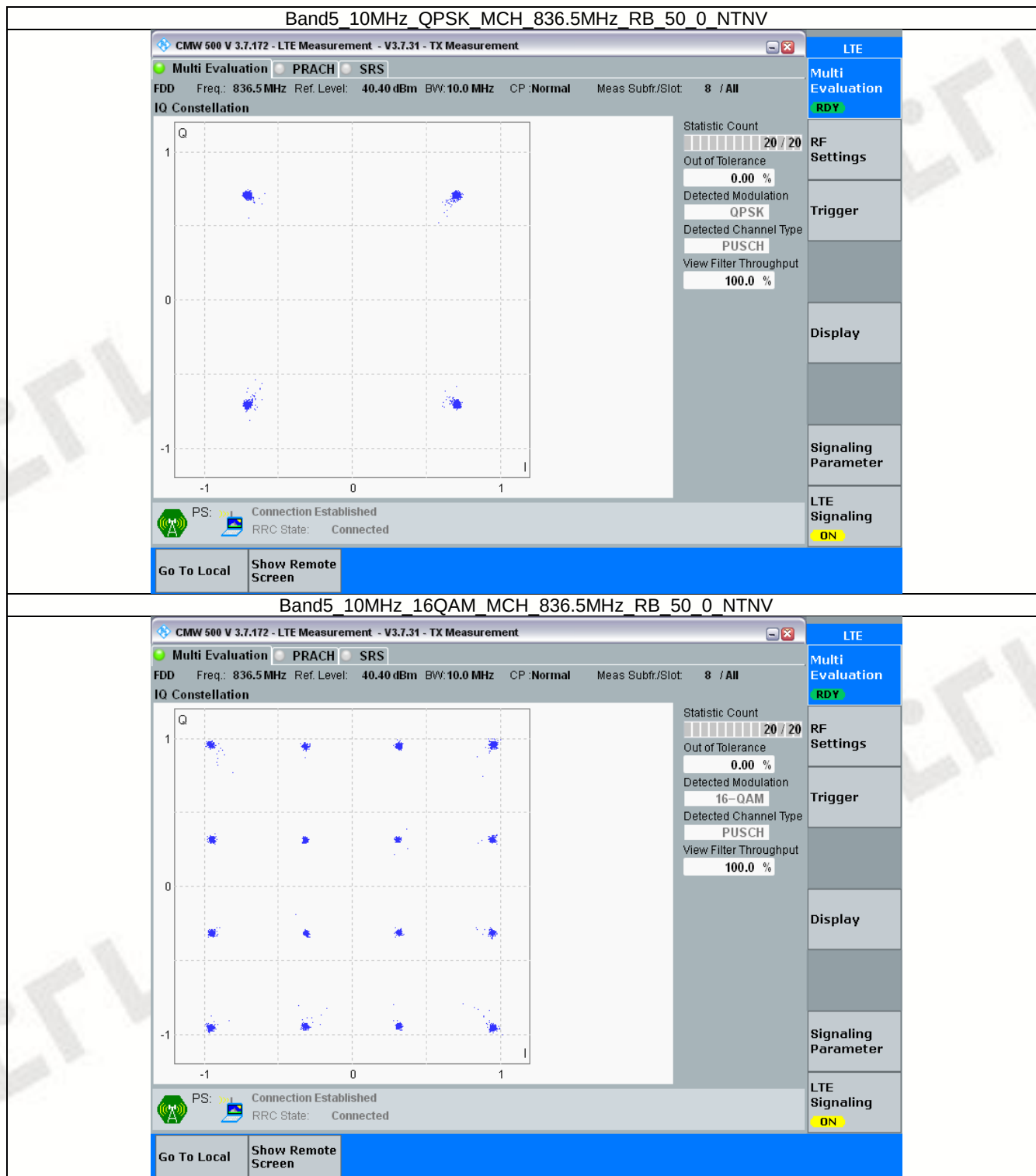
FCCID: 2BCUE-P8GLOBAL

3.2.3 B5_5MHz



FCCID: 2BCUE-P8GLOBAL

3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.122	/	Pass
		836.5	6	0	1.109	/	Pass
		848.3	6	0	1.117	/	Pass
	16QAM	824.7	6	0	1.112	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.118	/	Pass
3	QPSK	825.5	15	0	2.745	/	Pass
		836.5	15	0	2.744	/	Pass
		847.5	15	0	2.755	/	Pass
	16QAM	825.5	15	0	2.734	/	Pass
		836.5	15	0	2.741	/	Pass
		847.5	15	0	2.736	/	Pass
5	QPSK	826.5	25	0	4.575	/	Pass
		836.5	25	0	4.555	/	Pass
		846.5	25	0	4.545	/	Pass
	16QAM	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.552	/	Pass
		846.5	25	0	4.565	/	Pass
10	QPSK	829	50	0	9.030	/	Pass
		836.5	50	0	9.061	/	Pass
		844	50	0	9.007	/	Pass
	16QAM	829	50	0	9.035	/	Pass
		836.5	50	0	9.058	/	Pass
		844	50	0	9.005	/	Pass

4.1.2 Band5_XDB

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.310	/	Pass
		836.5	6	0	1.333	/	Pass
		848.3	6	0	1.325	/	Pass
	16QAM	824.7	6	0	1.324	/	Pass
		836.5	6	0	1.304	/	Pass
		848.3	6	0	1.317	/	Pass
3	QPSK	825.5	15	0	3.067	/	Pass
		836.5	15	0	3.031	/	Pass
		847.5	15	0	3.045	/	Pass
	16QAM	825.5	15	0	3.065	/	Pass
		836.5	15	0	3.040	/	Pass
		847.5	15	0	3.066	/	Pass
5	QPSK	826.5	25	0	5.078	/	Pass

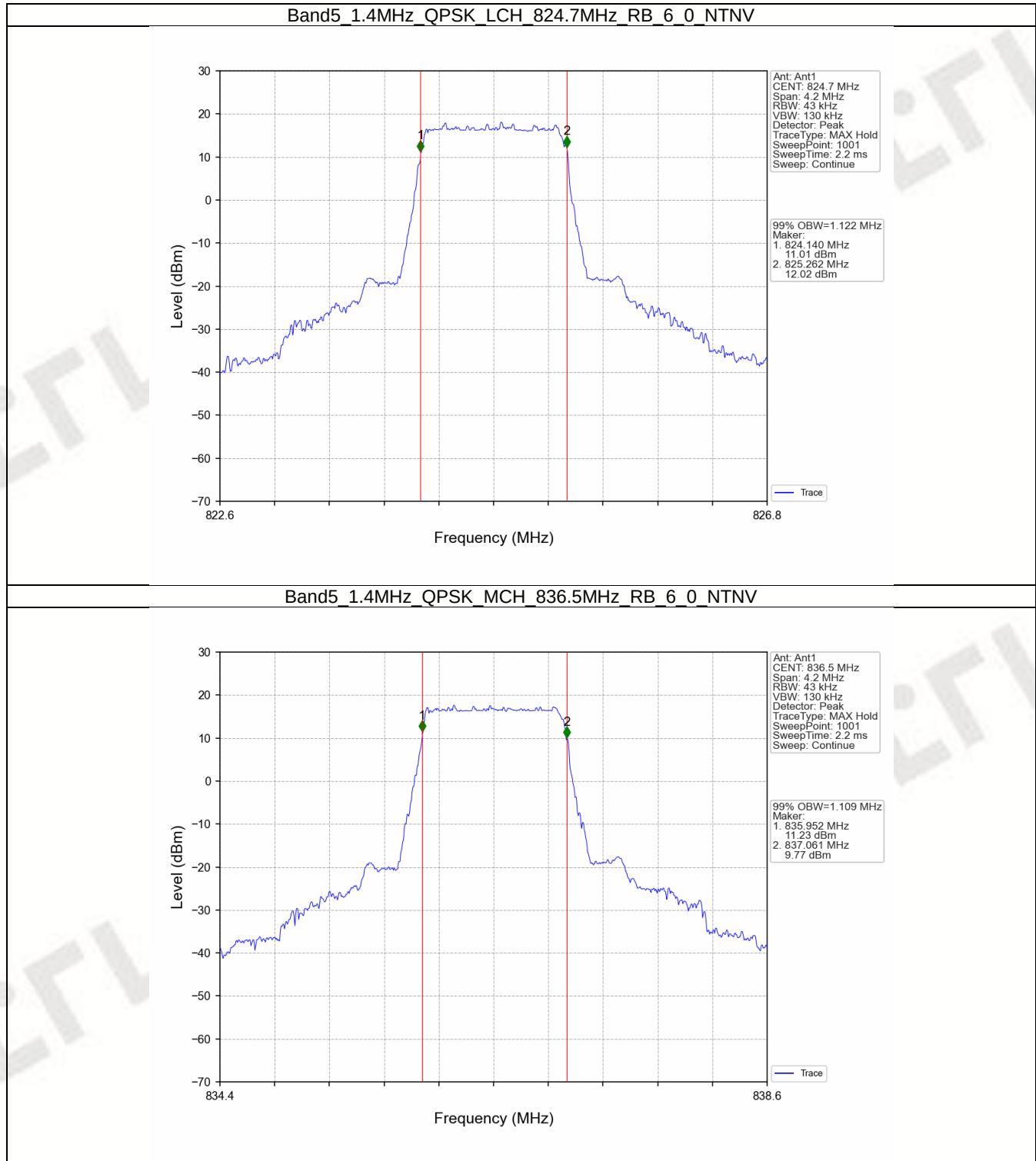
FCCID: 2BCUE-P8GLOBAL

	16QAM	836.5	25	0	5.079	/	Pass
		846.5	25	0	5.108	/	Pass
		826.5	25	0	5.091	/	Pass
		836.5	25	0	5.144	/	Pass
		846.5	25	0	5.058	/	Pass
10	QPSK	829	50	0	10.105	/	Pass
		836.5	50	0	10.045	/	Pass
		844	50	0	10.006	/	Pass
	16QAM	829	50	0	10.058	/	Pass
		836.5	50	0	10.004	/	Pass
		844	50	0	9.911	/	Pass

FCCID: 2BCUE-P8GLOBAL

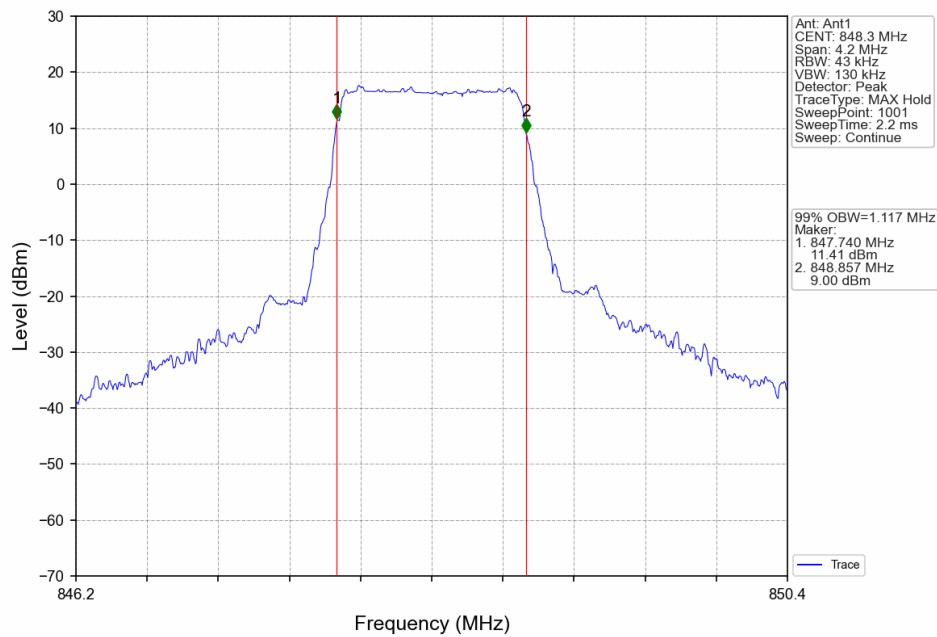
4.2 Test Graph

4.2.1 Band5_OBW

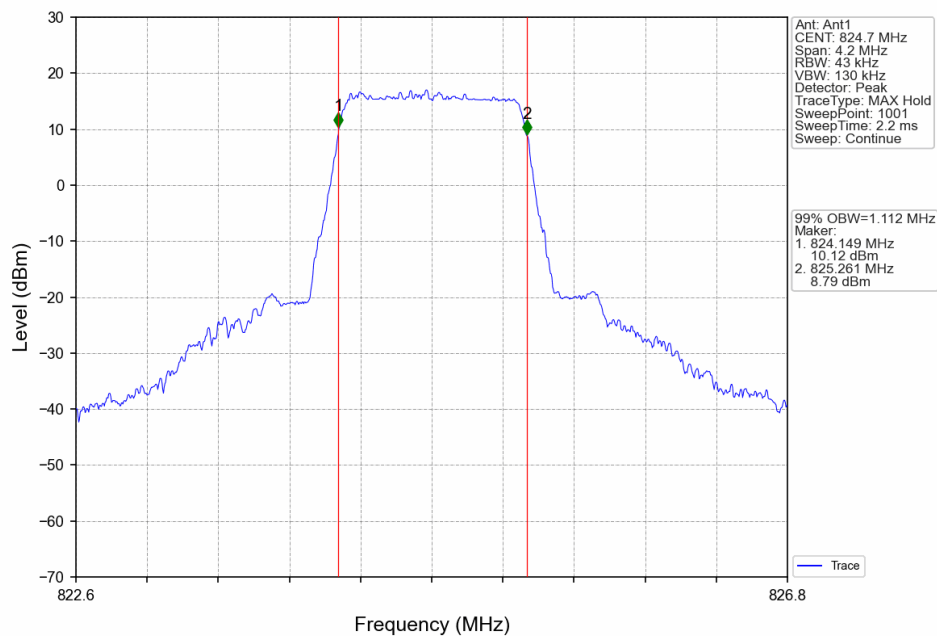


FCCID: 2BCUE-P8GLOBAL

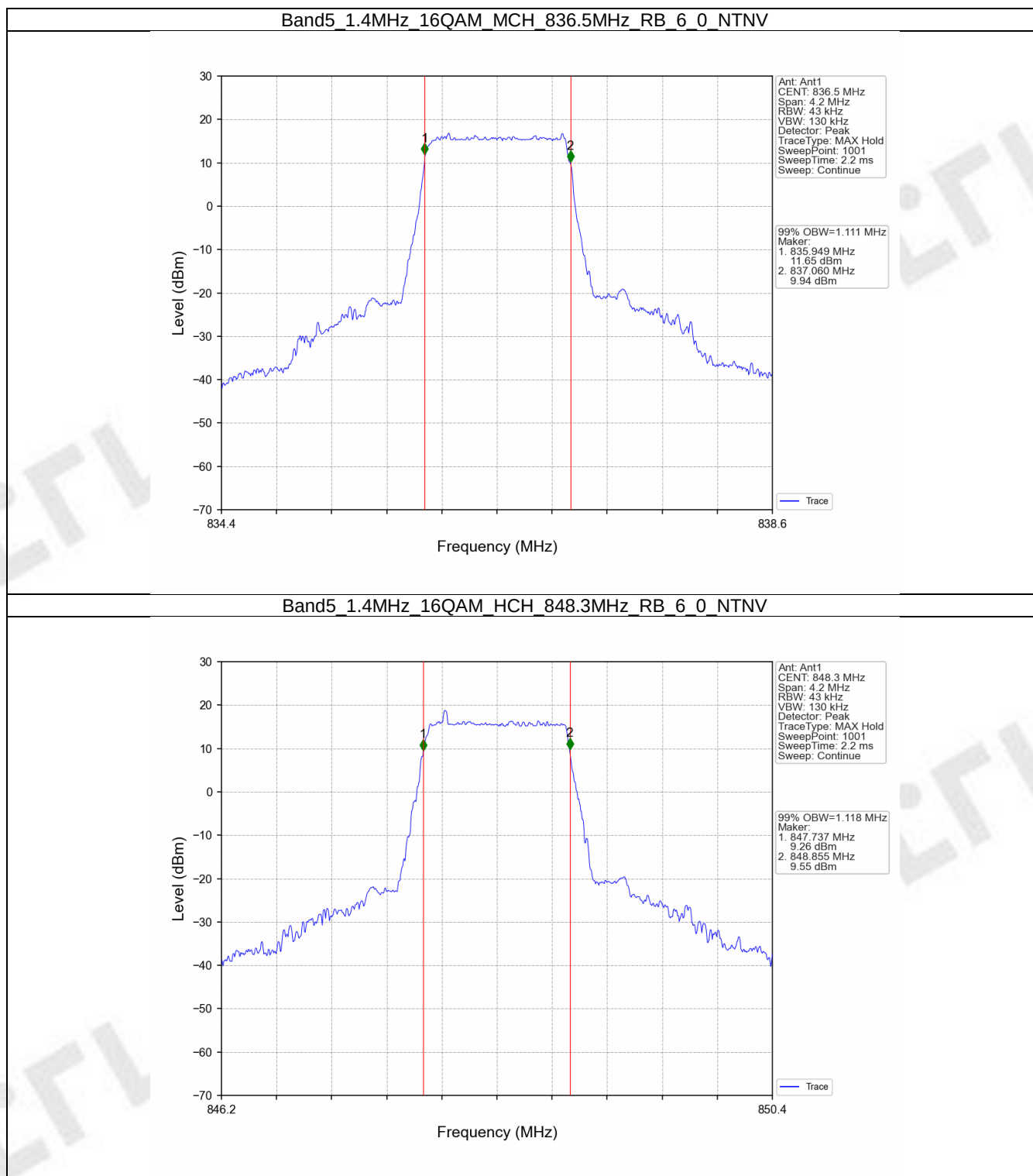
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

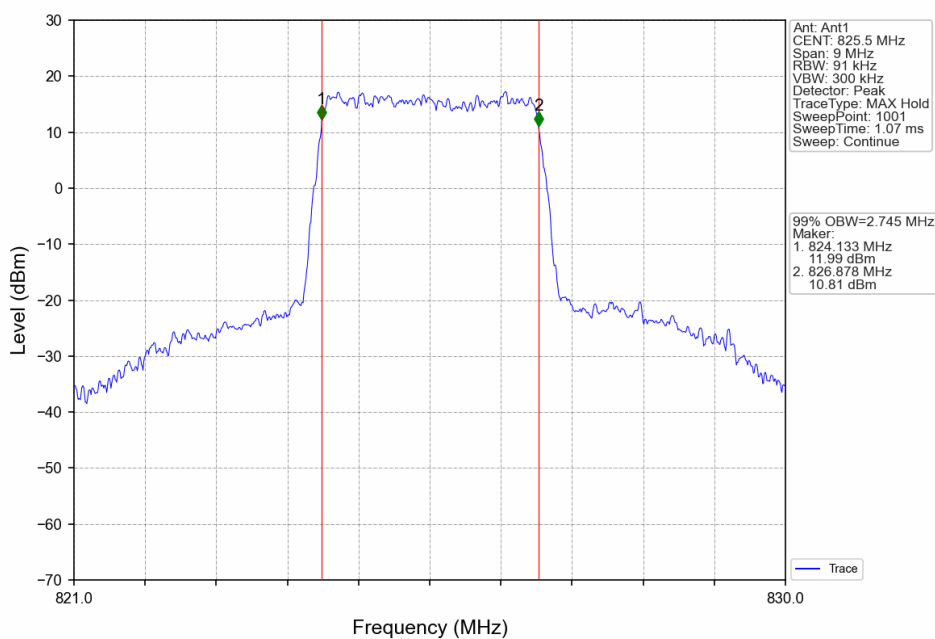


FCCID: 2BCUE-P8GLOBAL

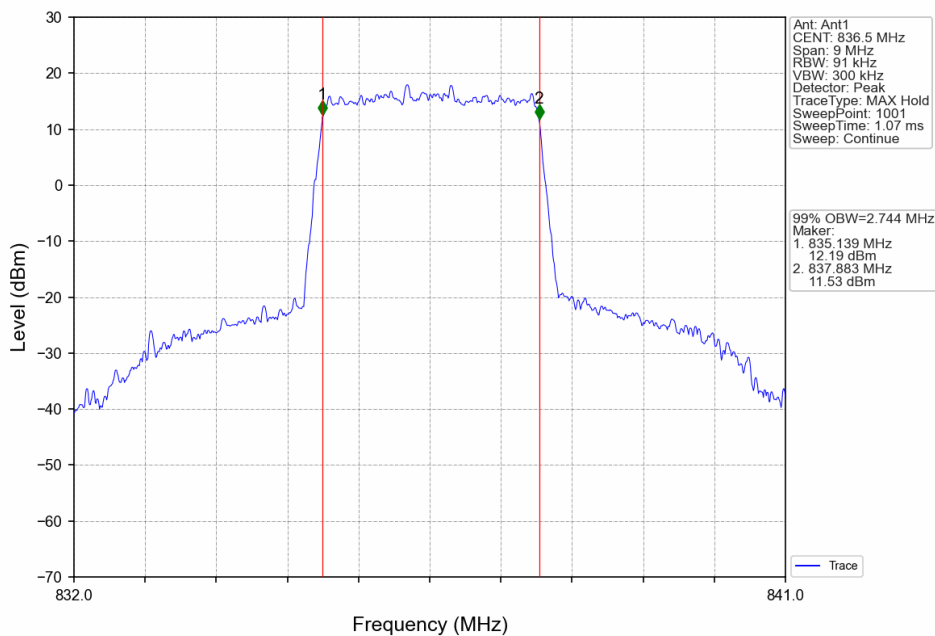


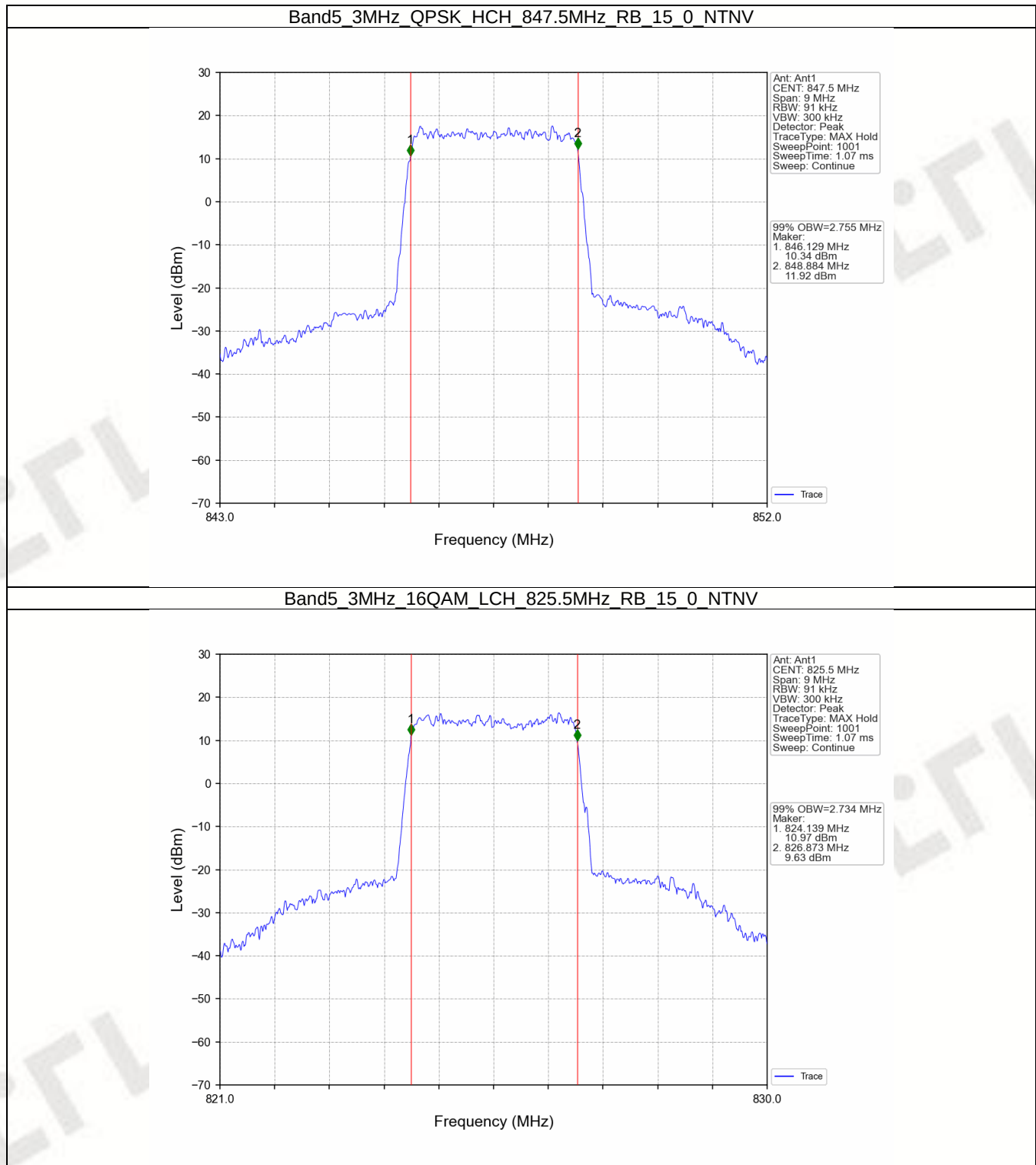
FCCID: 2BCUE-P8GLOBAL

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

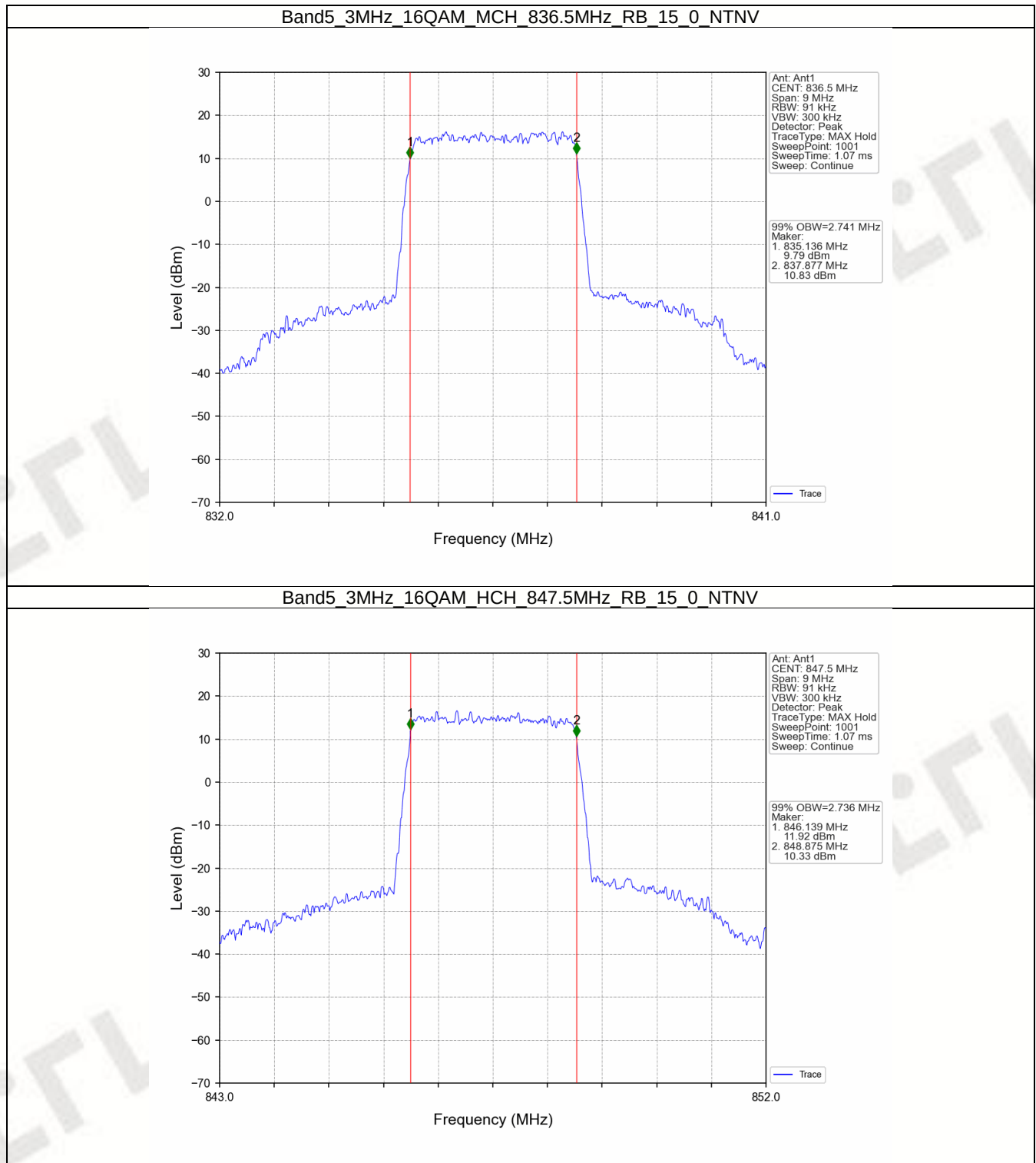


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

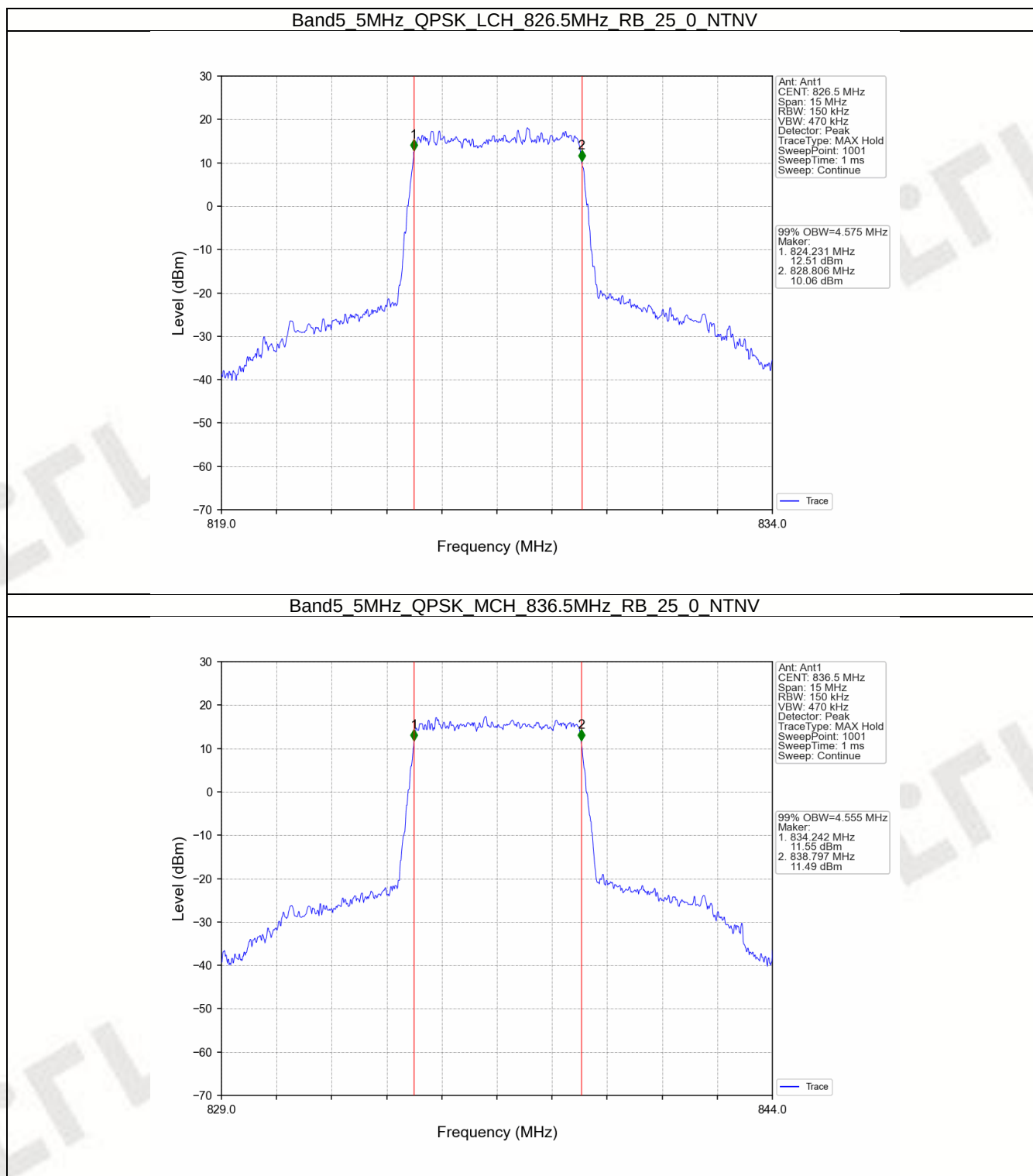




FCCID: 2BCUE-P8GLOBAL

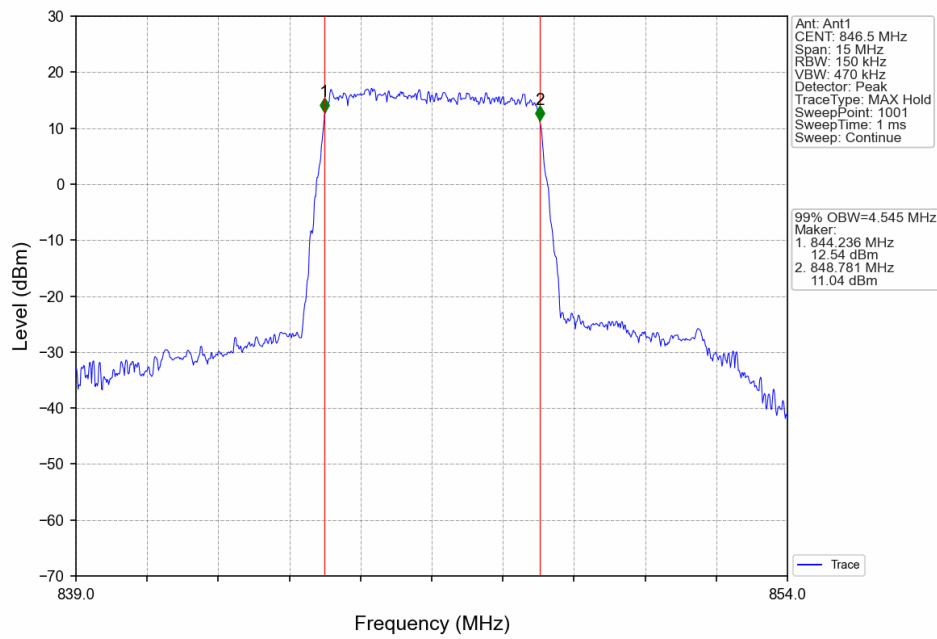


FCCID: 2BCUE-P8GLOBAL

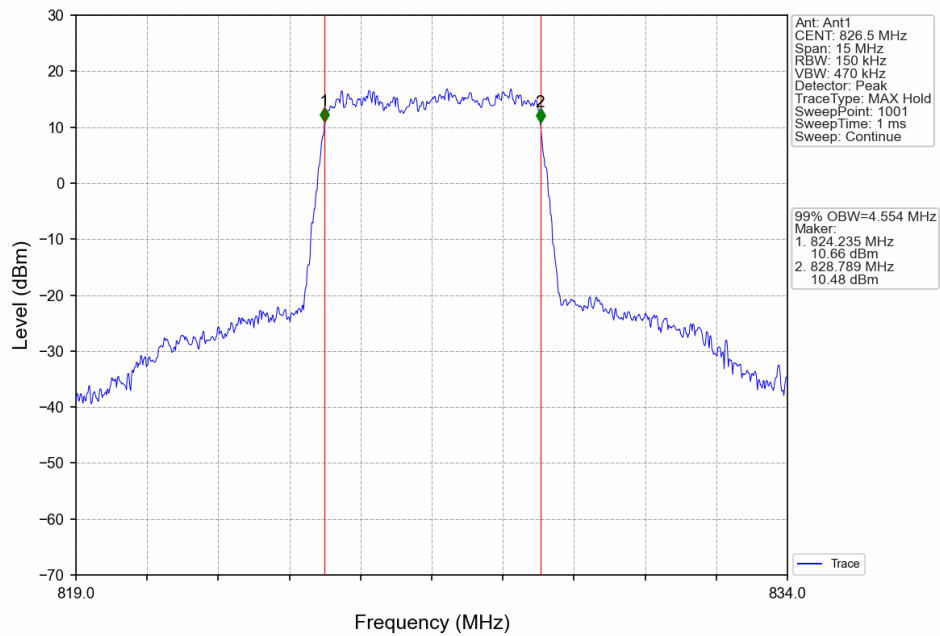


FCCID: 2BCUE-P8GLOBAL

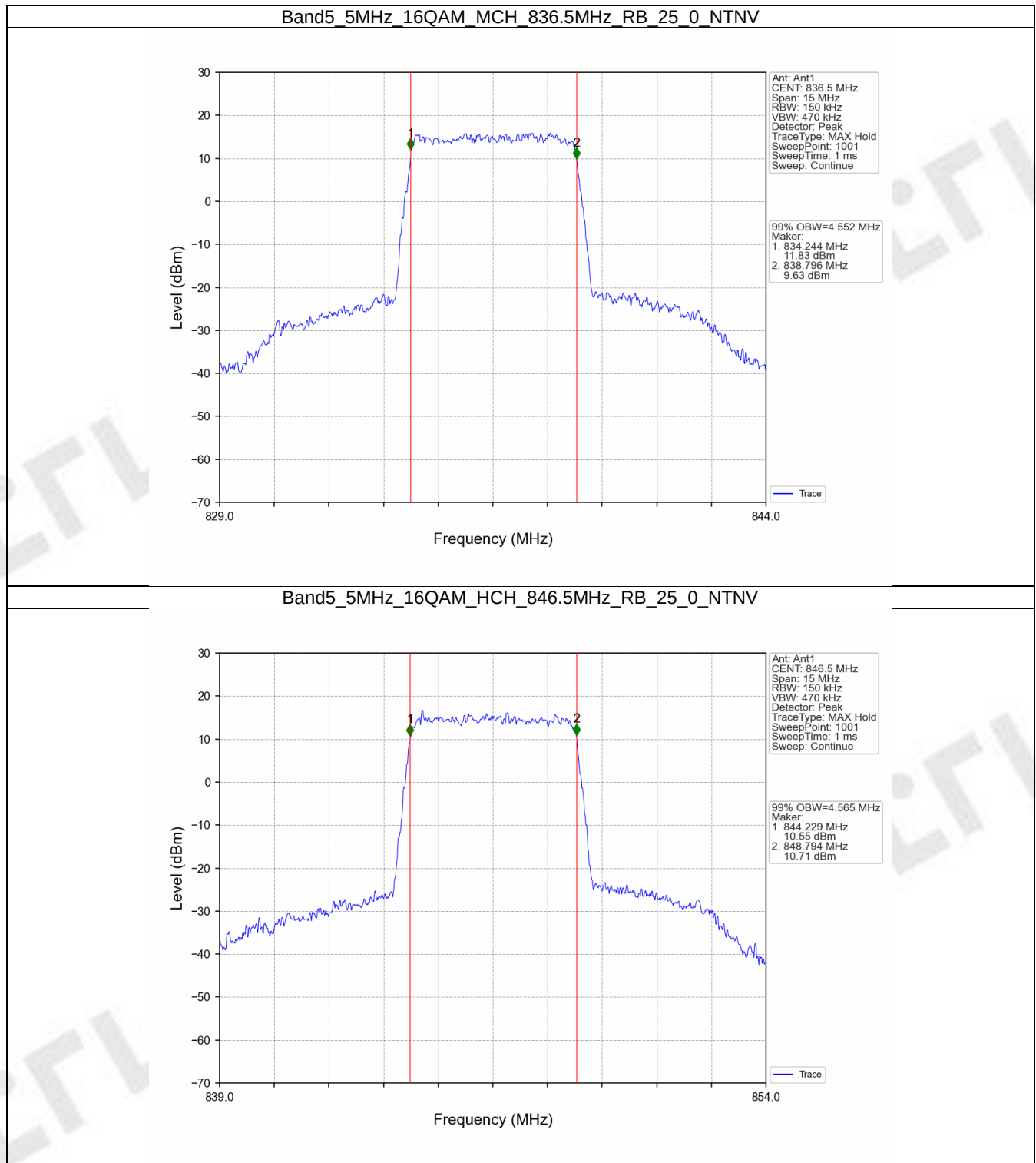
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

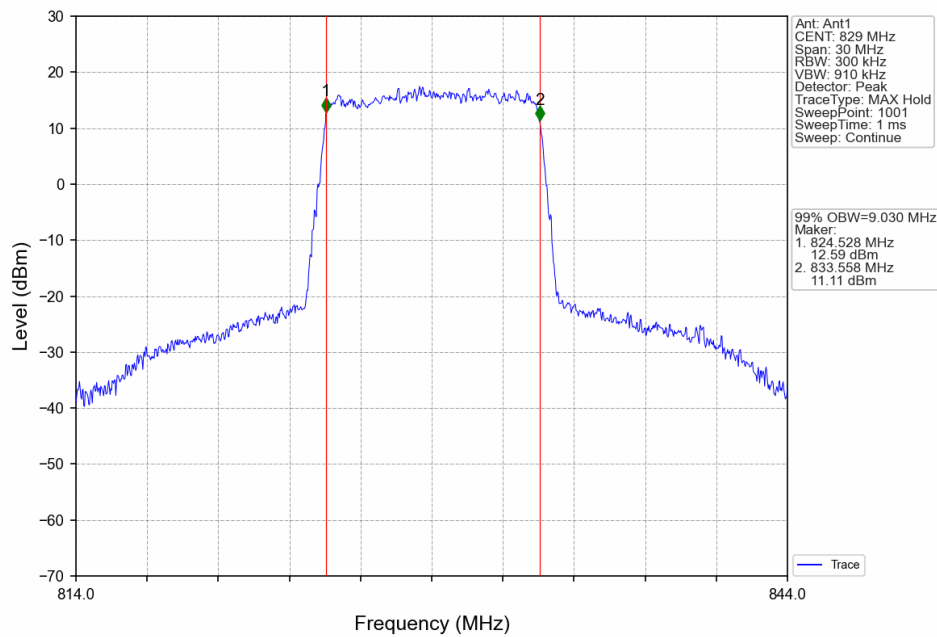


FCCID: 2BCUE-P8GLOBAL

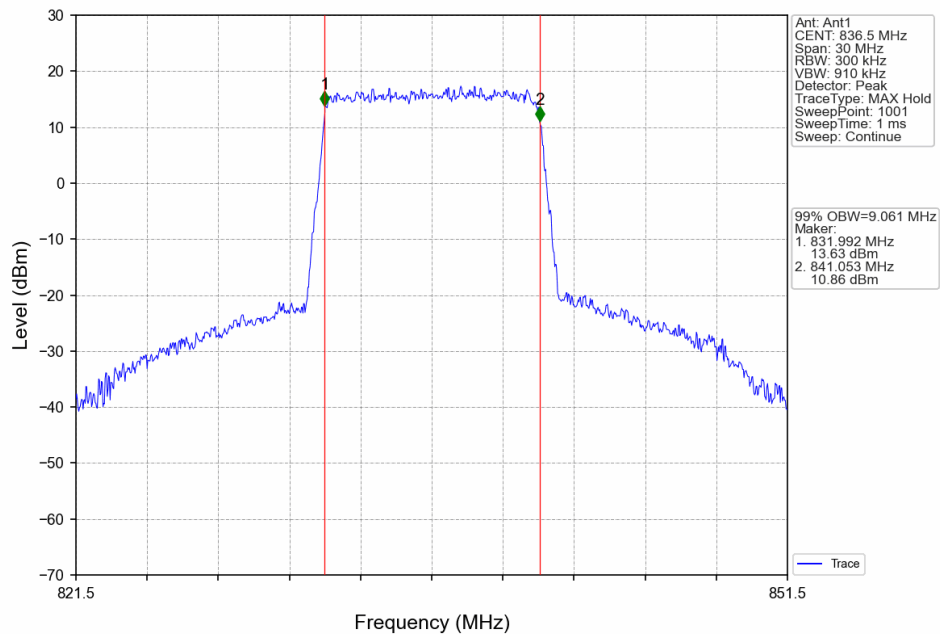


FCCID: 2BCUE-P8GLOBAL

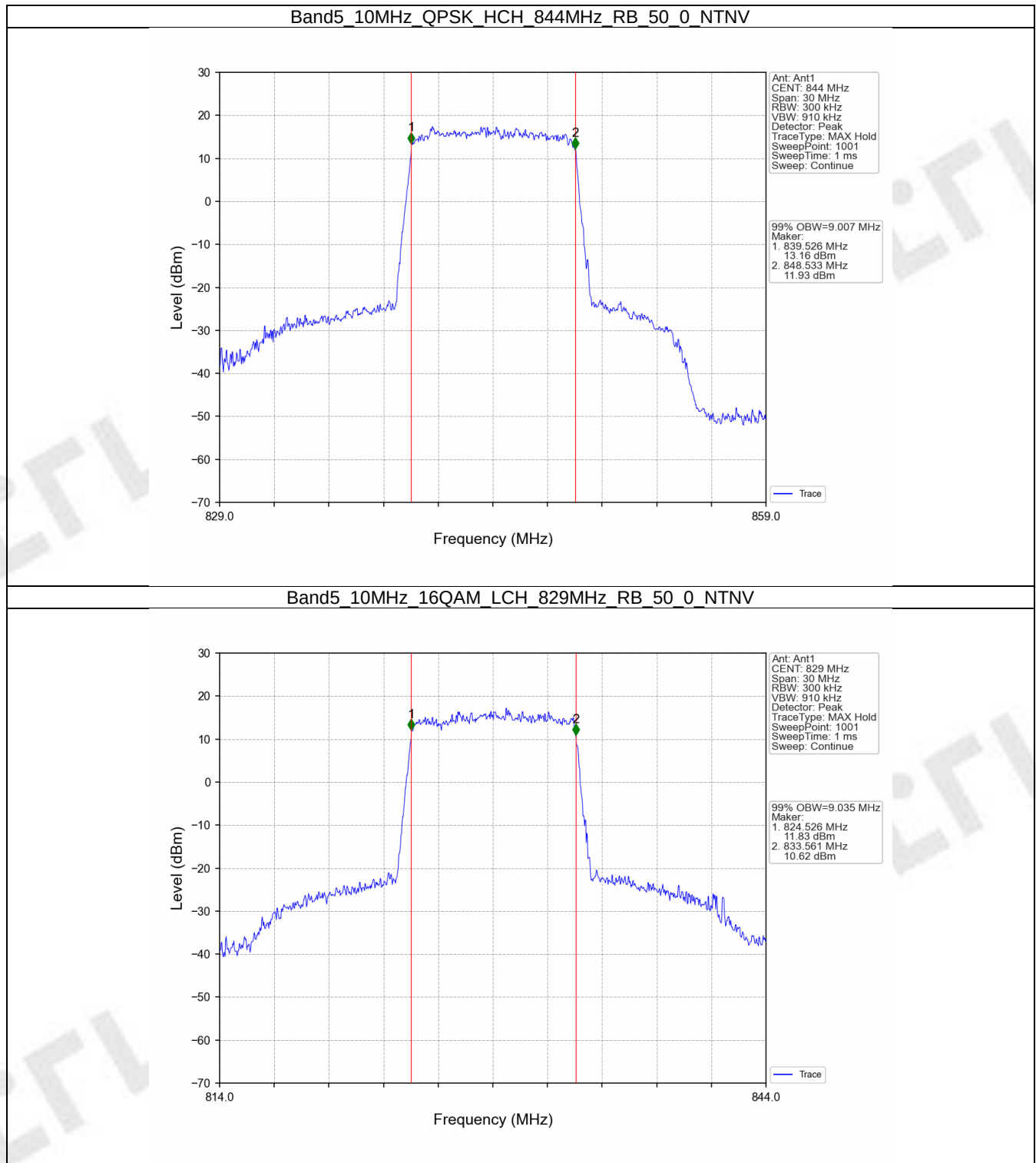
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



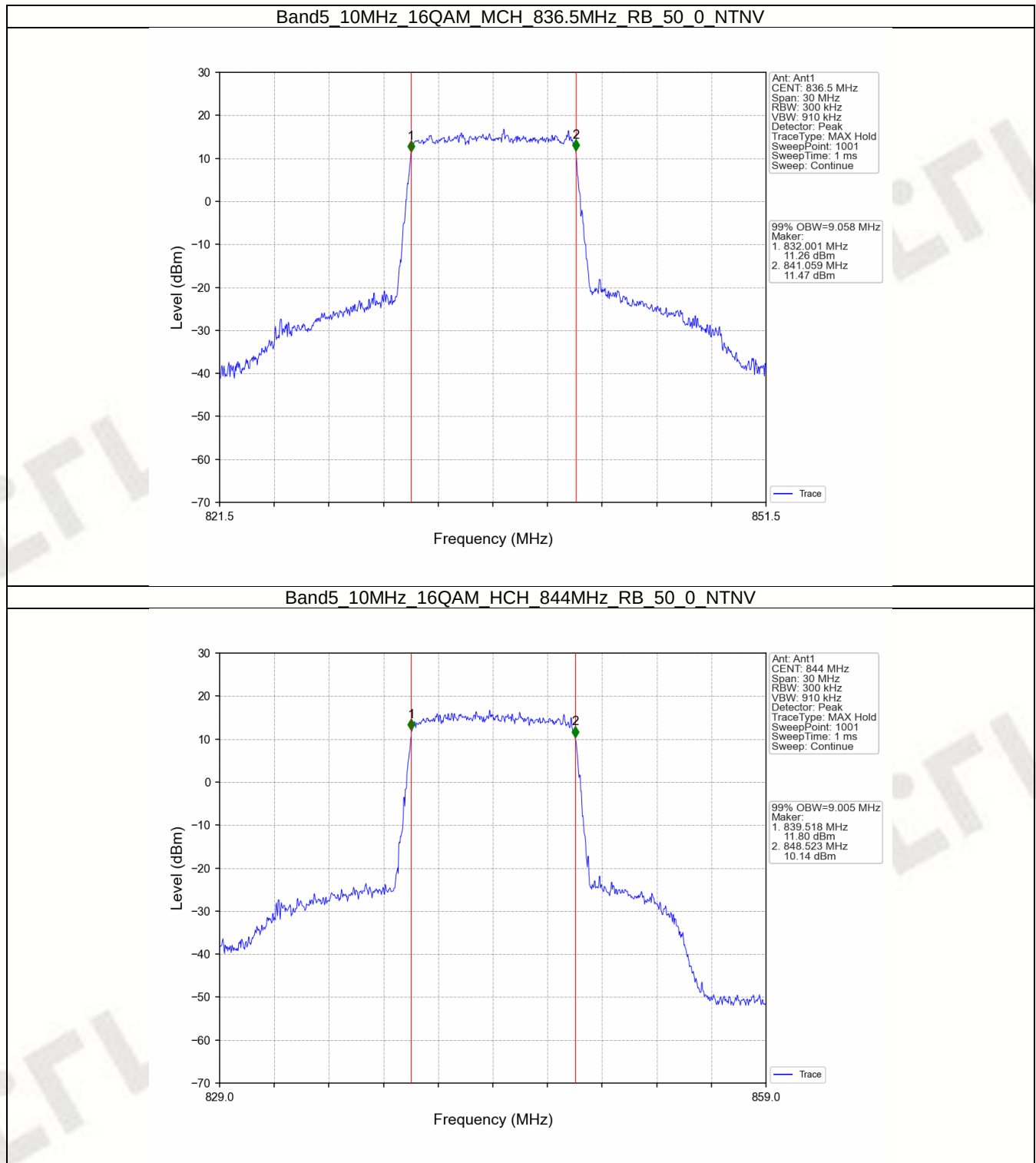
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



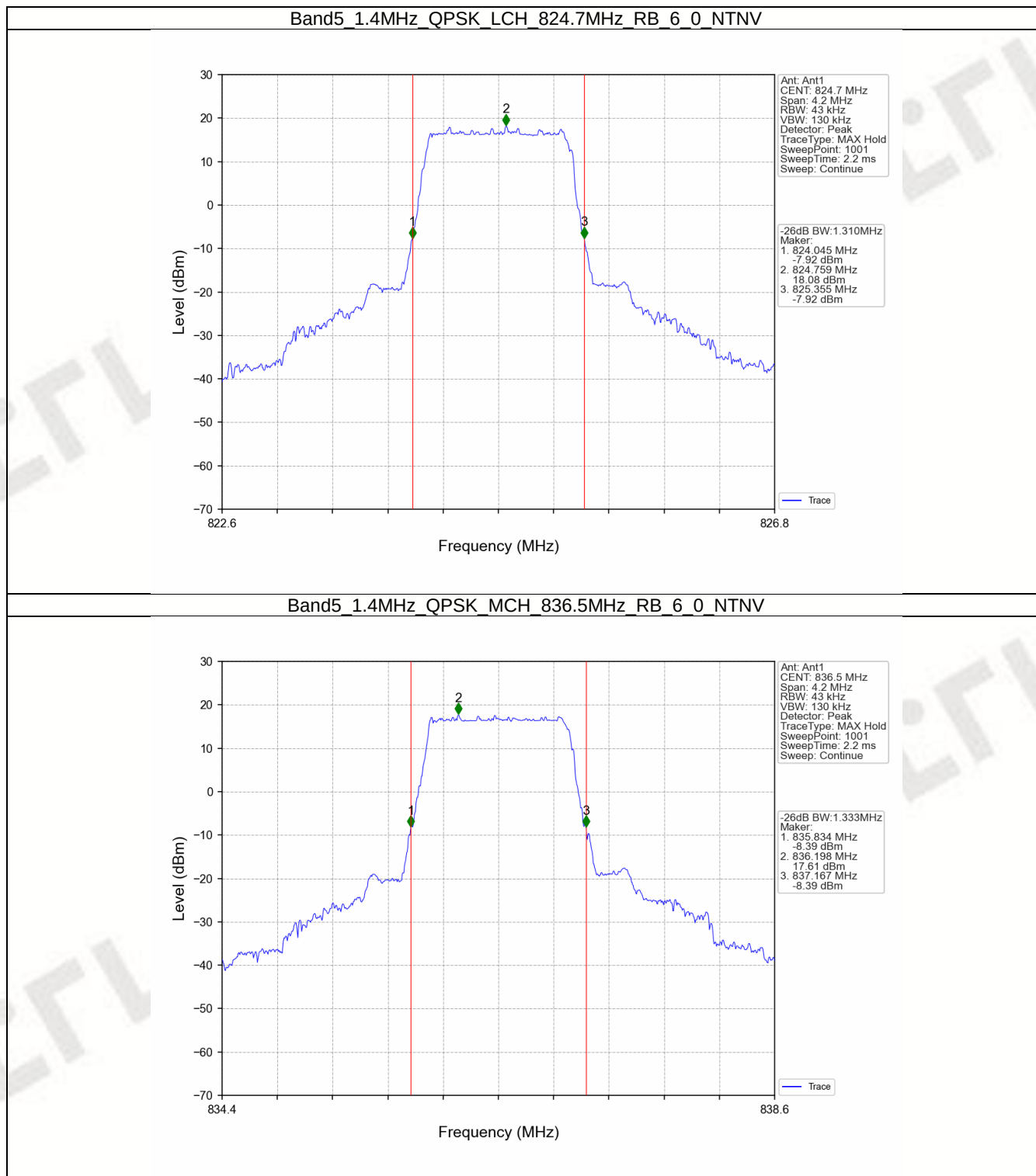
FCCID: 2BCUE-P8GLOBAL



FCCID: 2BCUE-P8GLOBAL

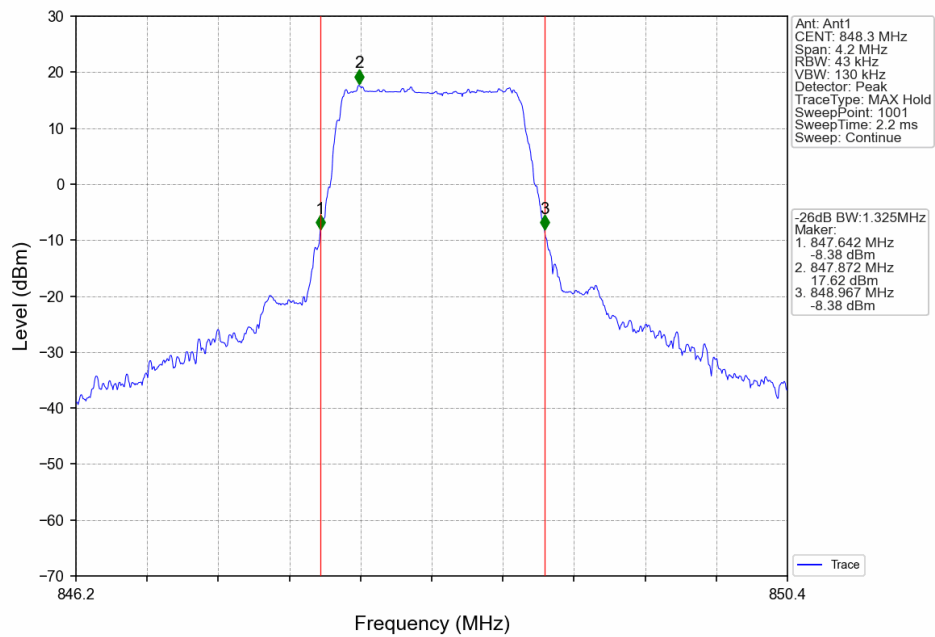


4.2.2 Band5_XDB

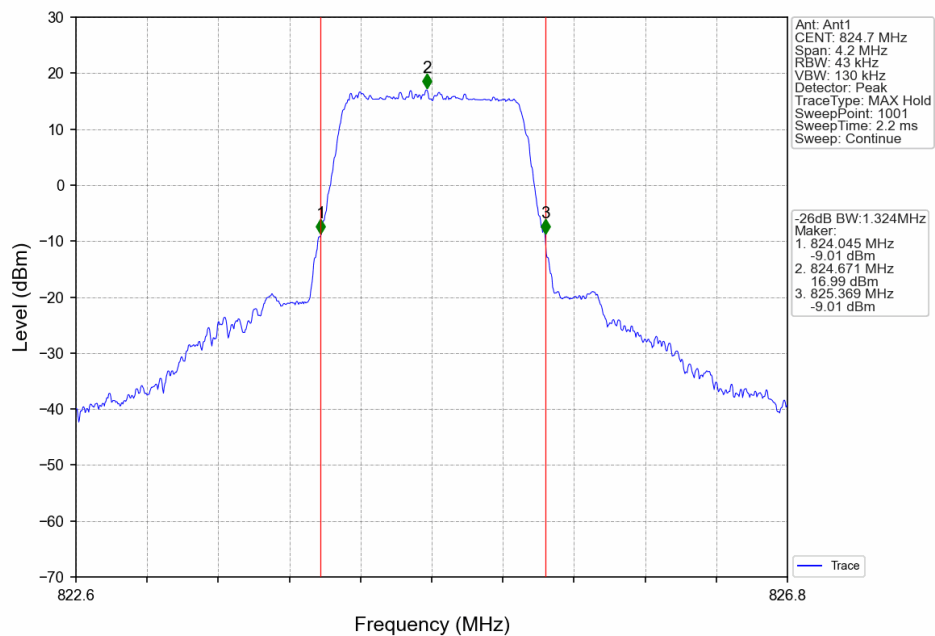


FCCID: 2BCUE-P8GLOBAL

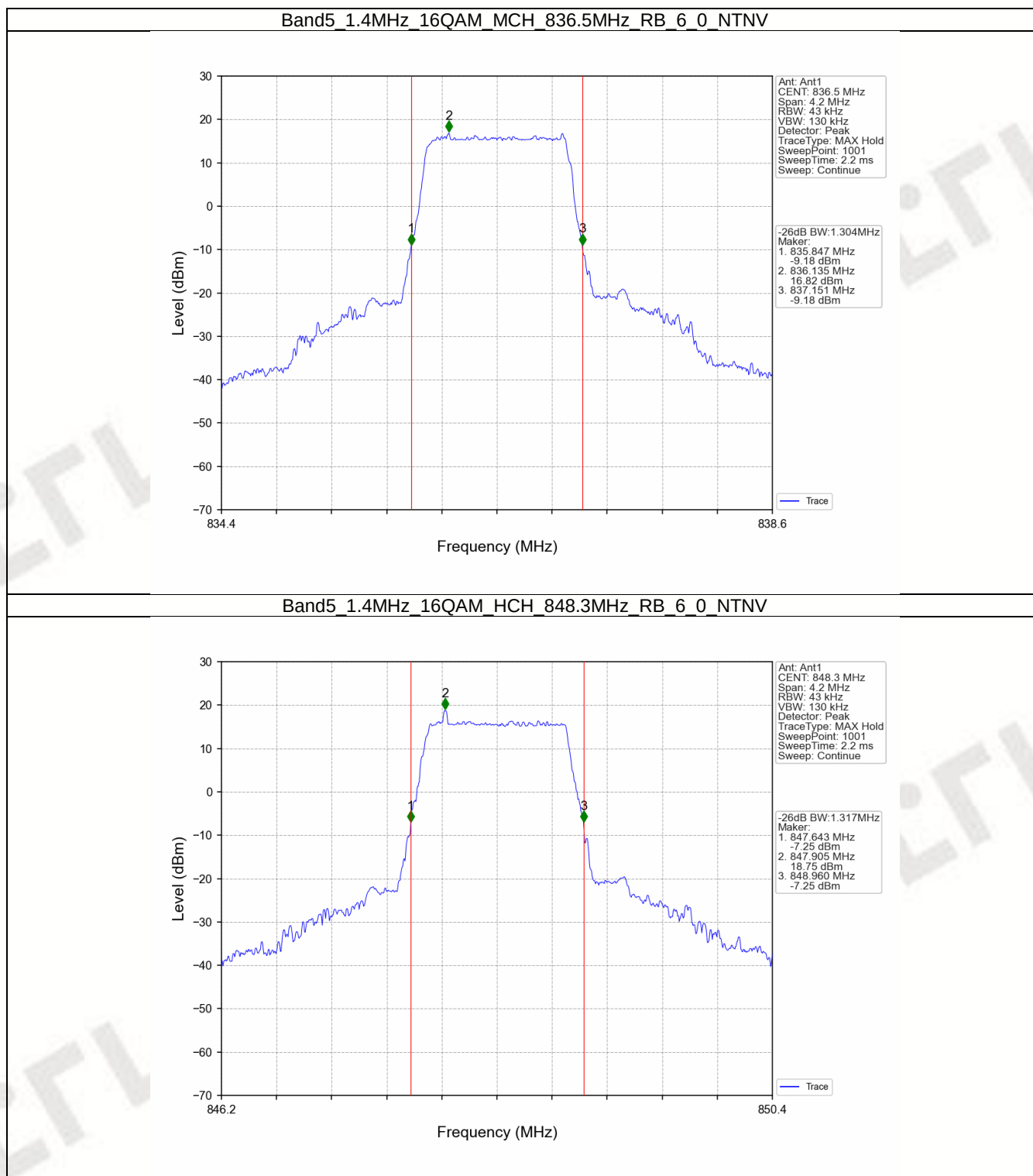
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

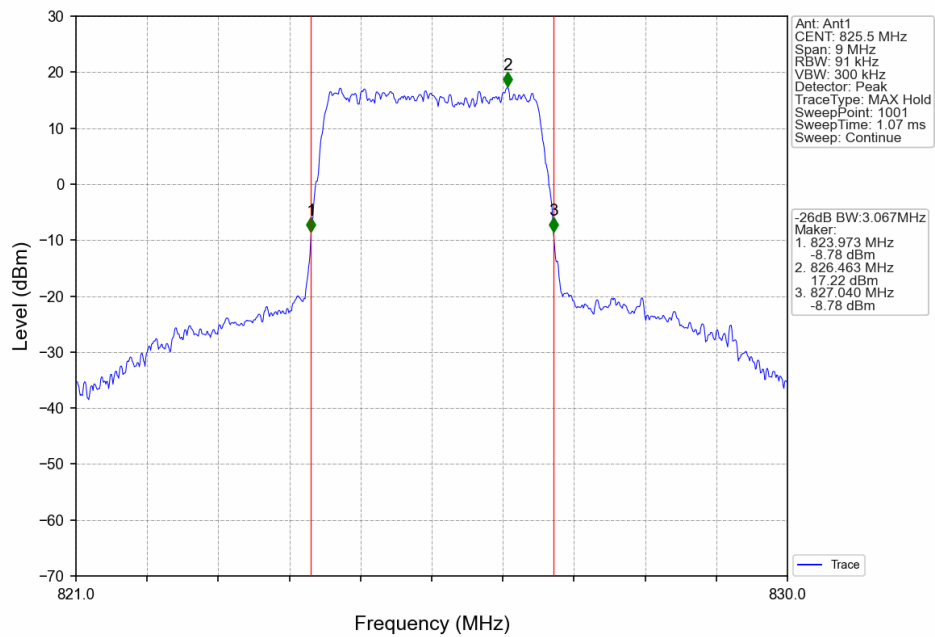


FCCID: 2BCUE-P8GLOBAL

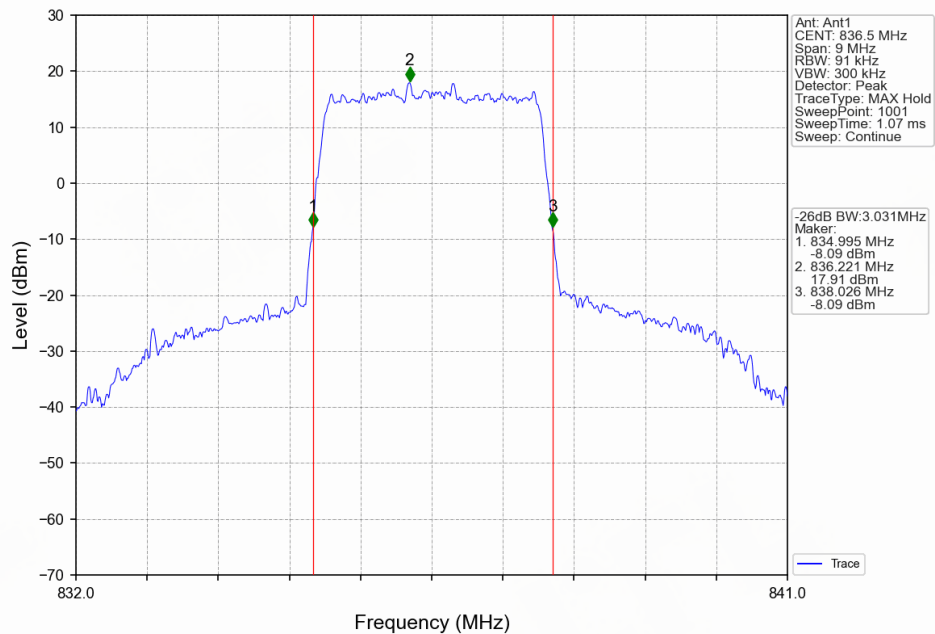


FCCID: 2BCUE-P8GLOBAL

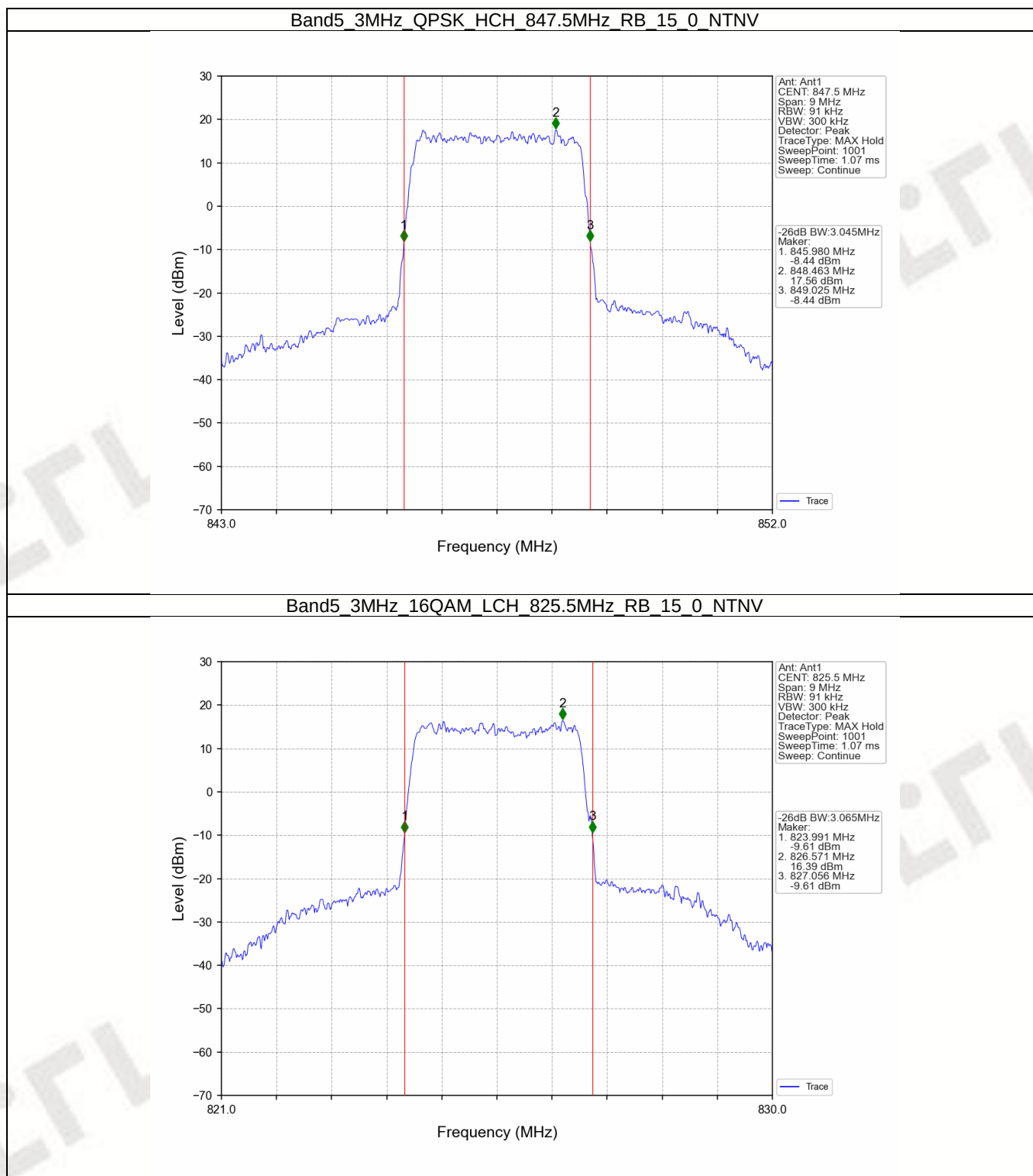
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



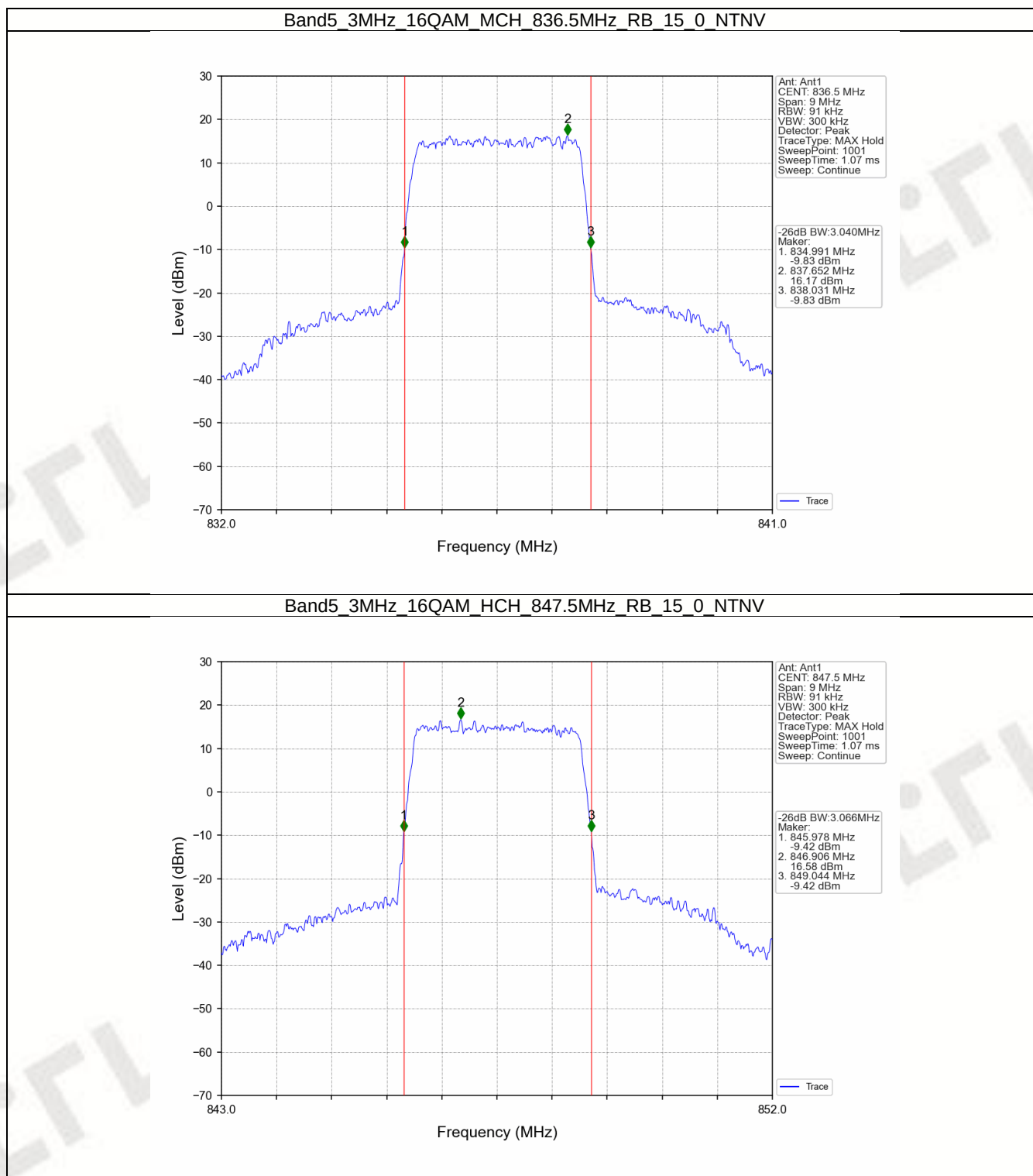
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



FCCID: 2BCUE-P8GLOBAL

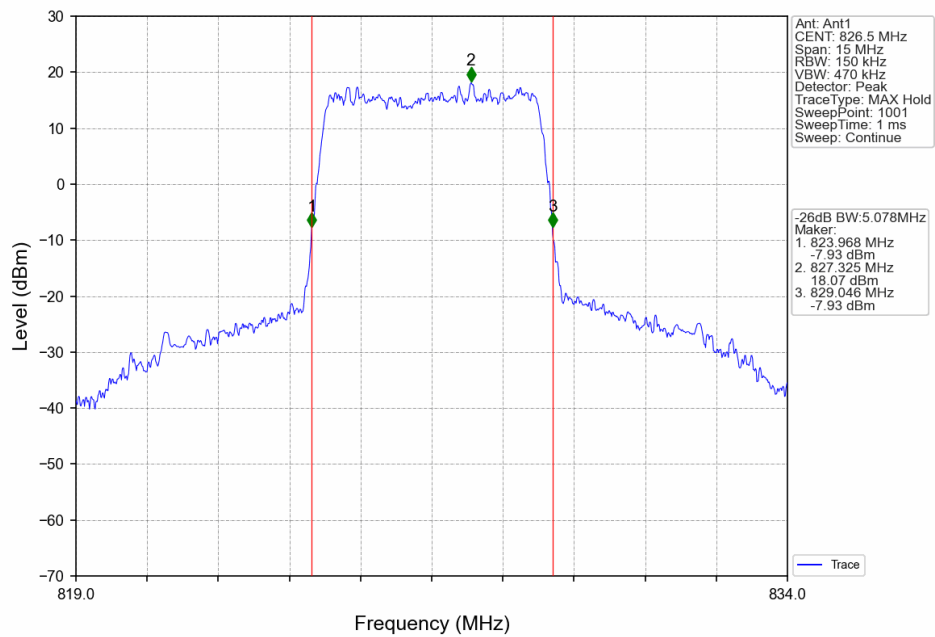


FCCID: 2BCUE-P8GLOBAL

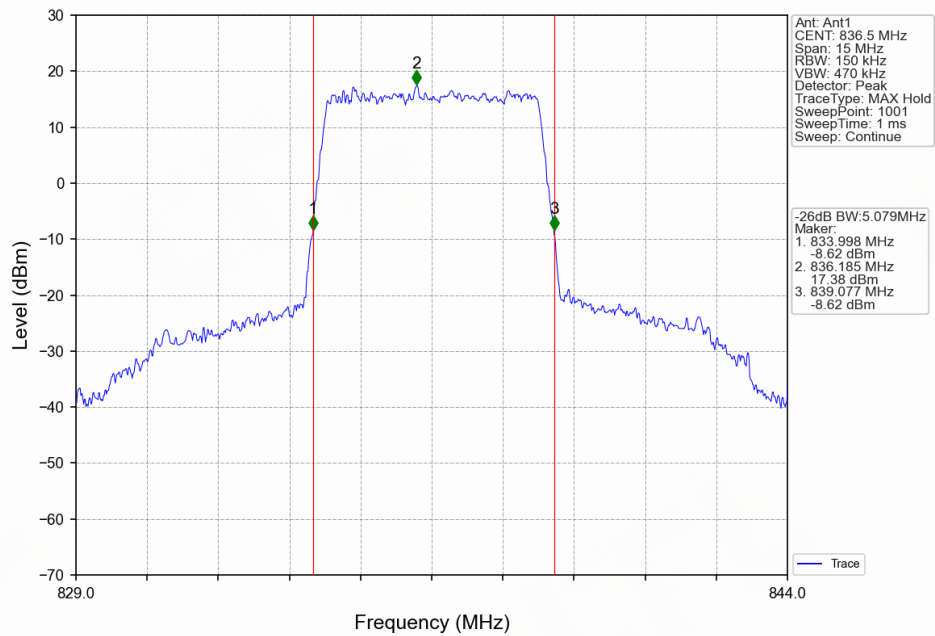


FCCID: 2BCUE-P8GLOBAL

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

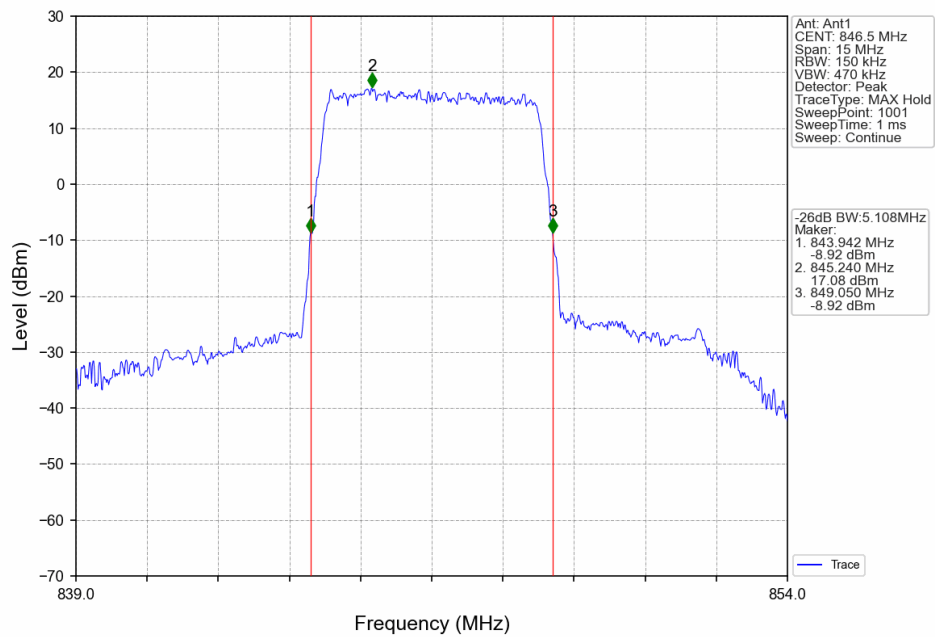


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

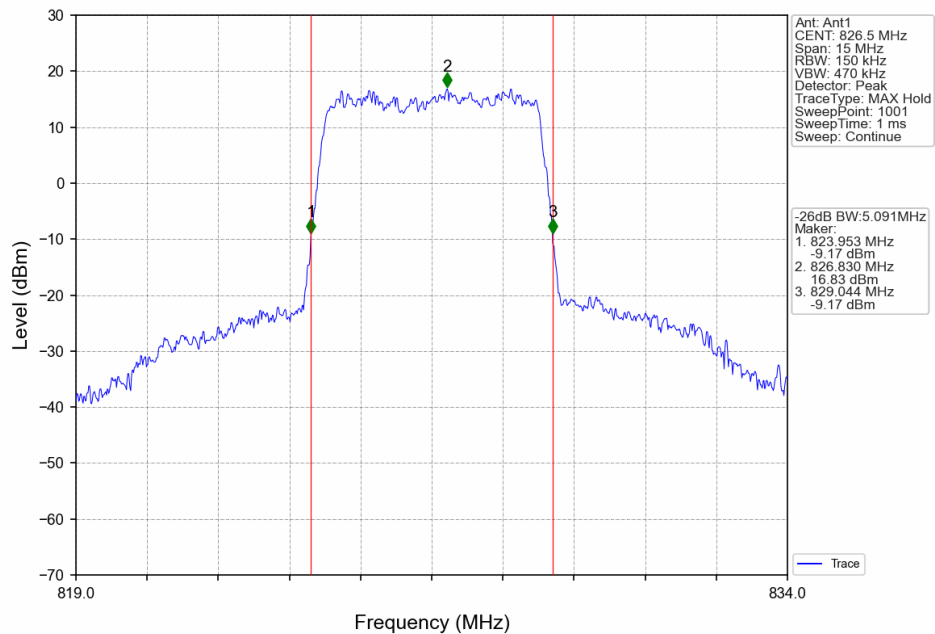


FCCID: 2BCUE-P8GLOBAL

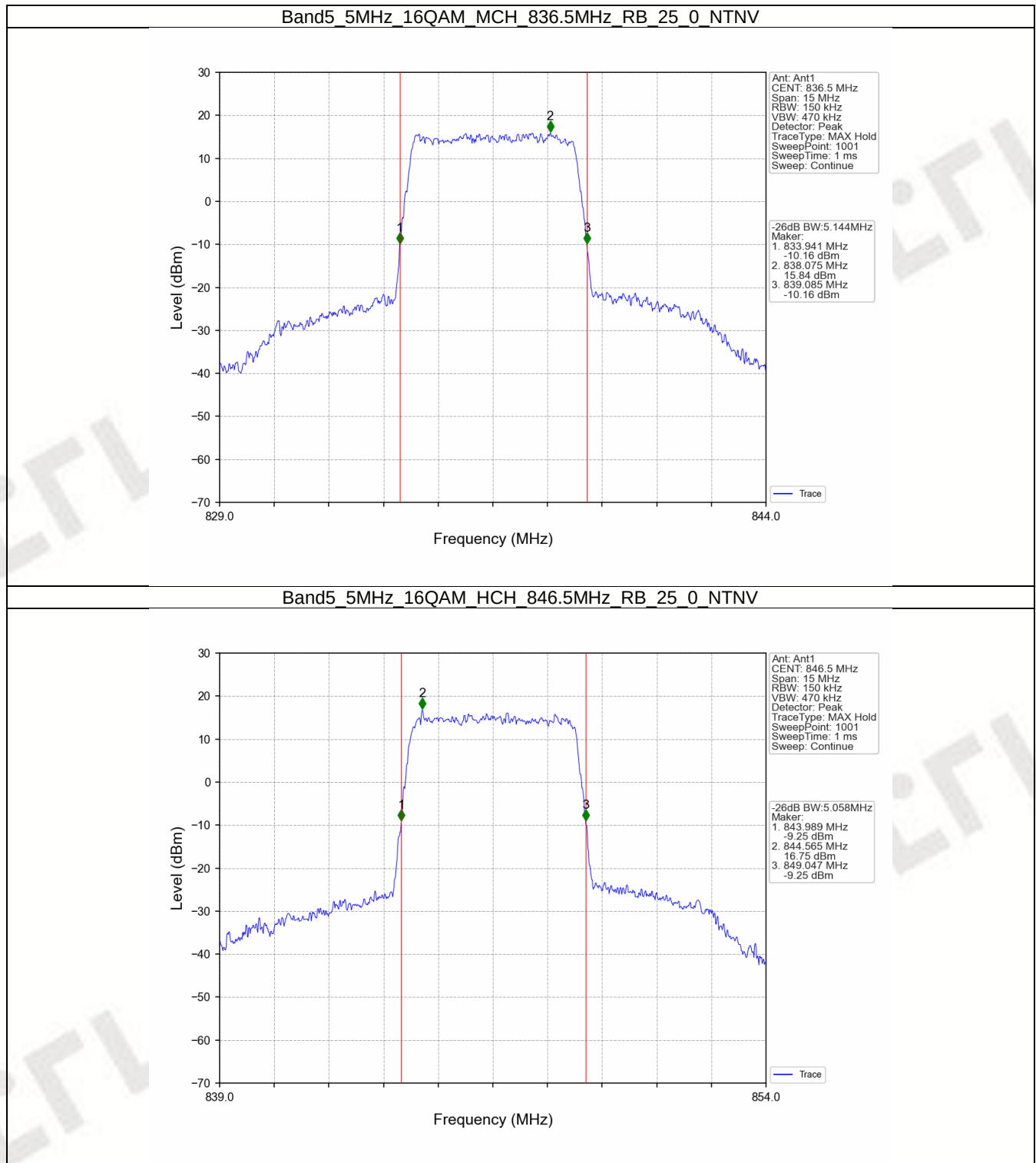
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

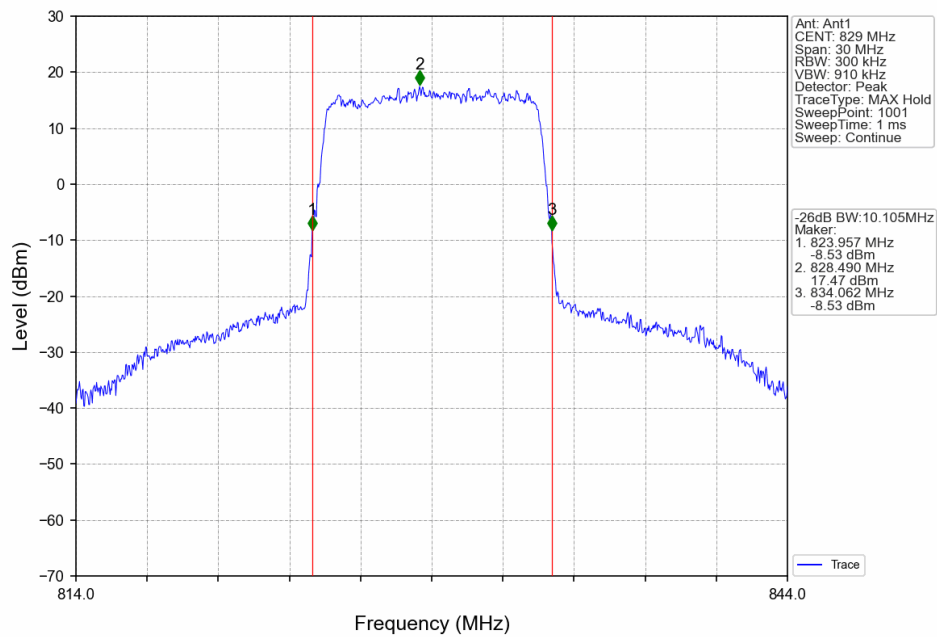


FCCID: 2BCUE-P8GLOBAL

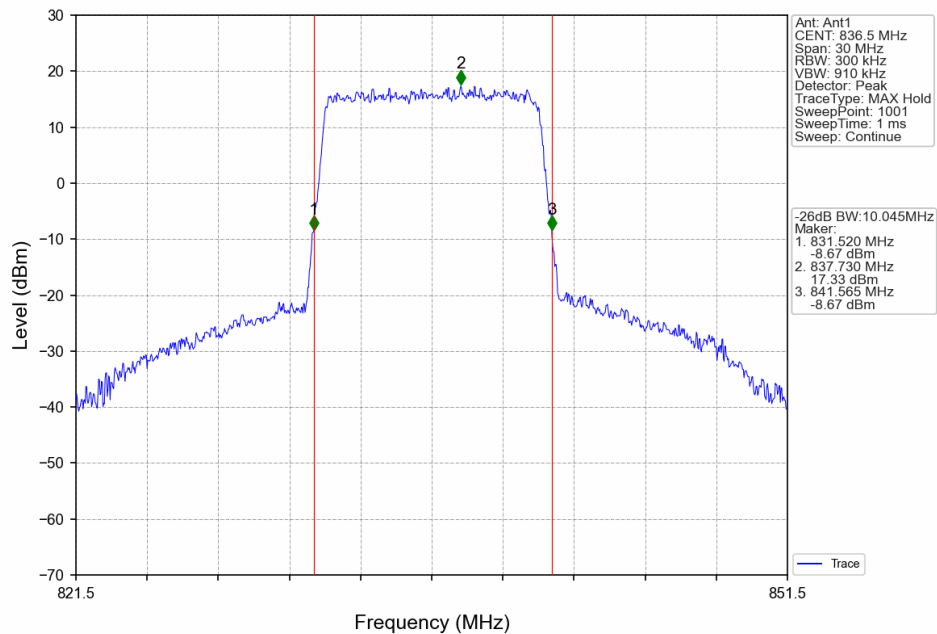


FCCID: 2BCUE-P8GLOBAL

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

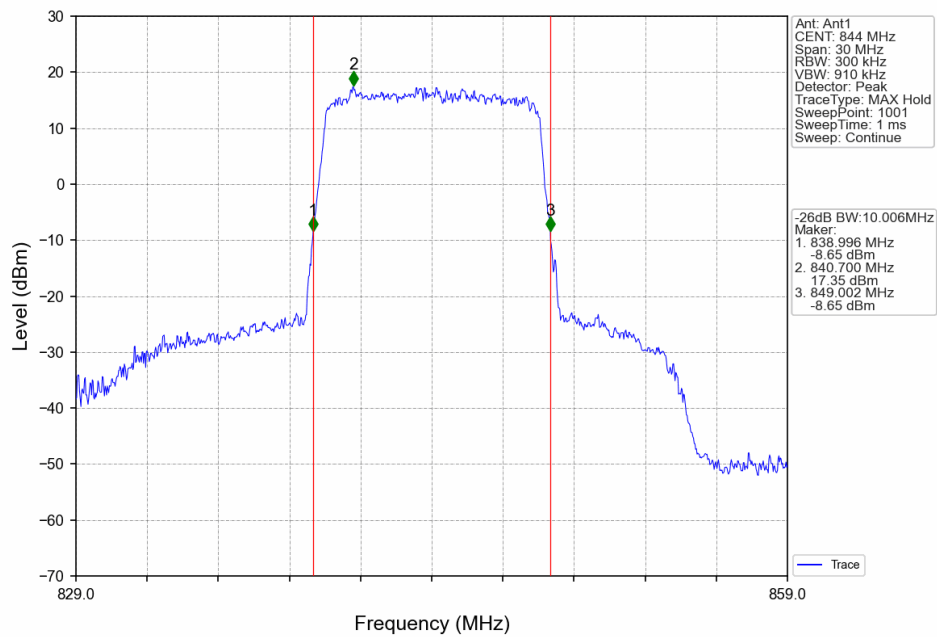


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

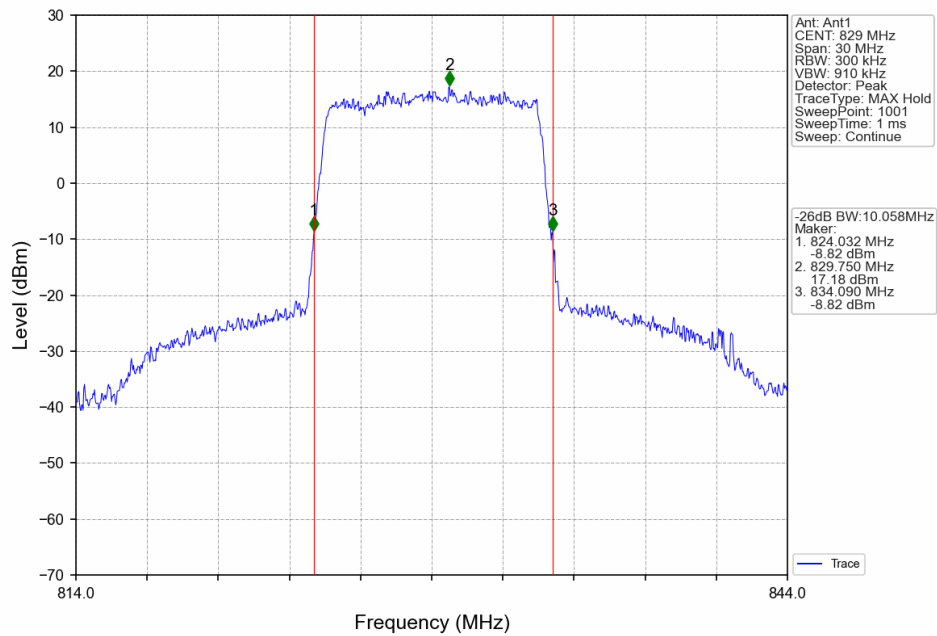


FCCID: 2BCUE-P8GLOBAL

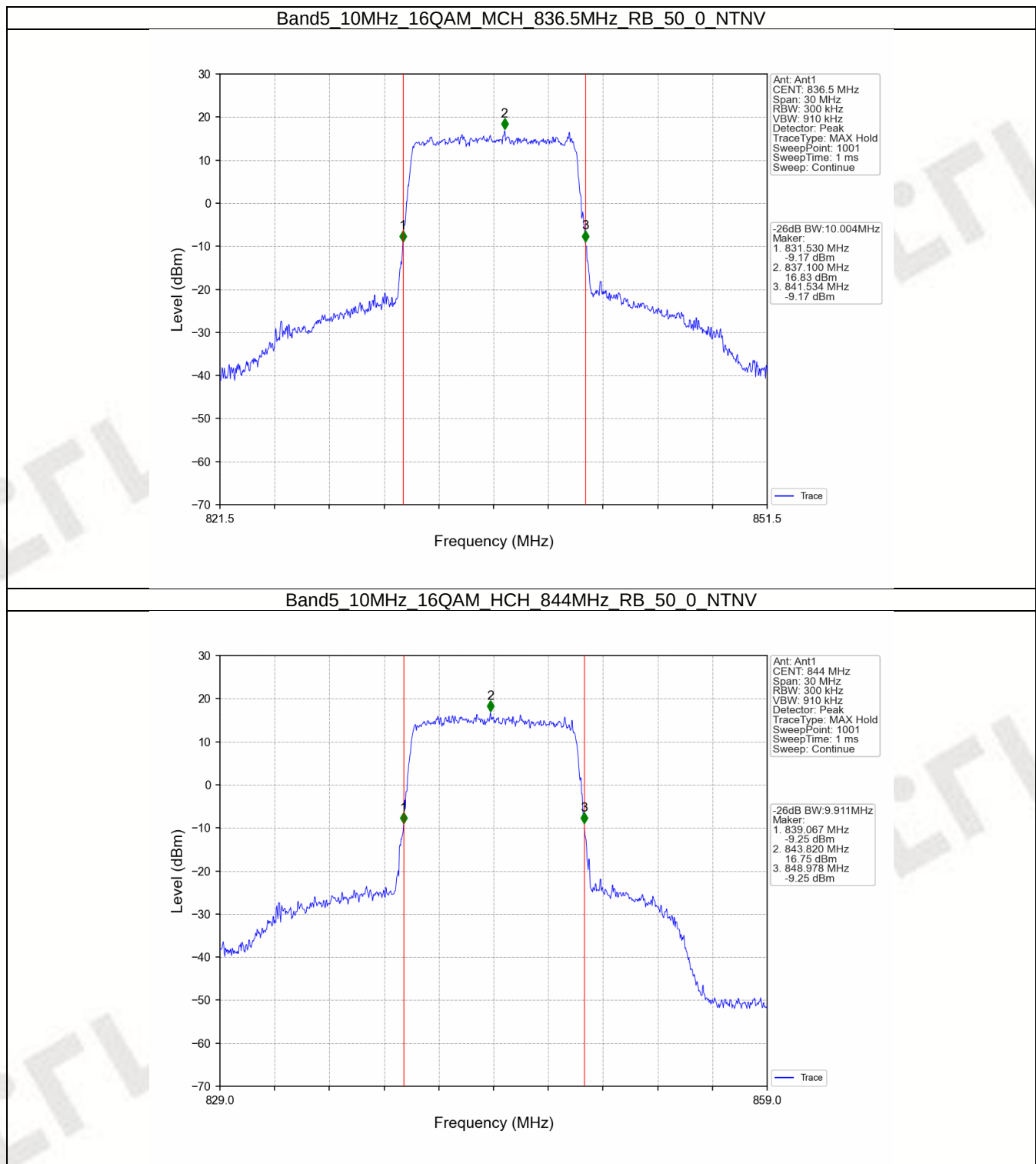
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



FCCID: 2BCUE-P8GLOBAL



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	5.47	<=13	Pass
	836.5	6	0	5.49	<=13	Pass
	848.3	6	0	5.38	<=13	Pass
16QAM	824.7	6	0	6.34	<=13	Pass
	836.5	6	0	6.41	<=13	Pass
	848.3	6	0	6.27	<=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	5.64	<=13	Pass
	836.5	15	0	5.56	<=13	Pass
	847.5	15	0	5.37	<=13	Pass
16QAM	825.5	15	0	6.49	<=13	Pass
	836.5	15	0	6.42	<=13	Pass
	847.5	15	0	6.22	<=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	5.54	<=13	Pass
	836.5	25	0	5.44	<=13	Pass
	846.5	25	0	5.33	<=13	Pass
16QAM	826.5	25	0	6.34	<=13	Pass
	836.5	25	0	6.26	<=13	Pass
	846.5	25	0	6.17	<=13	Pass

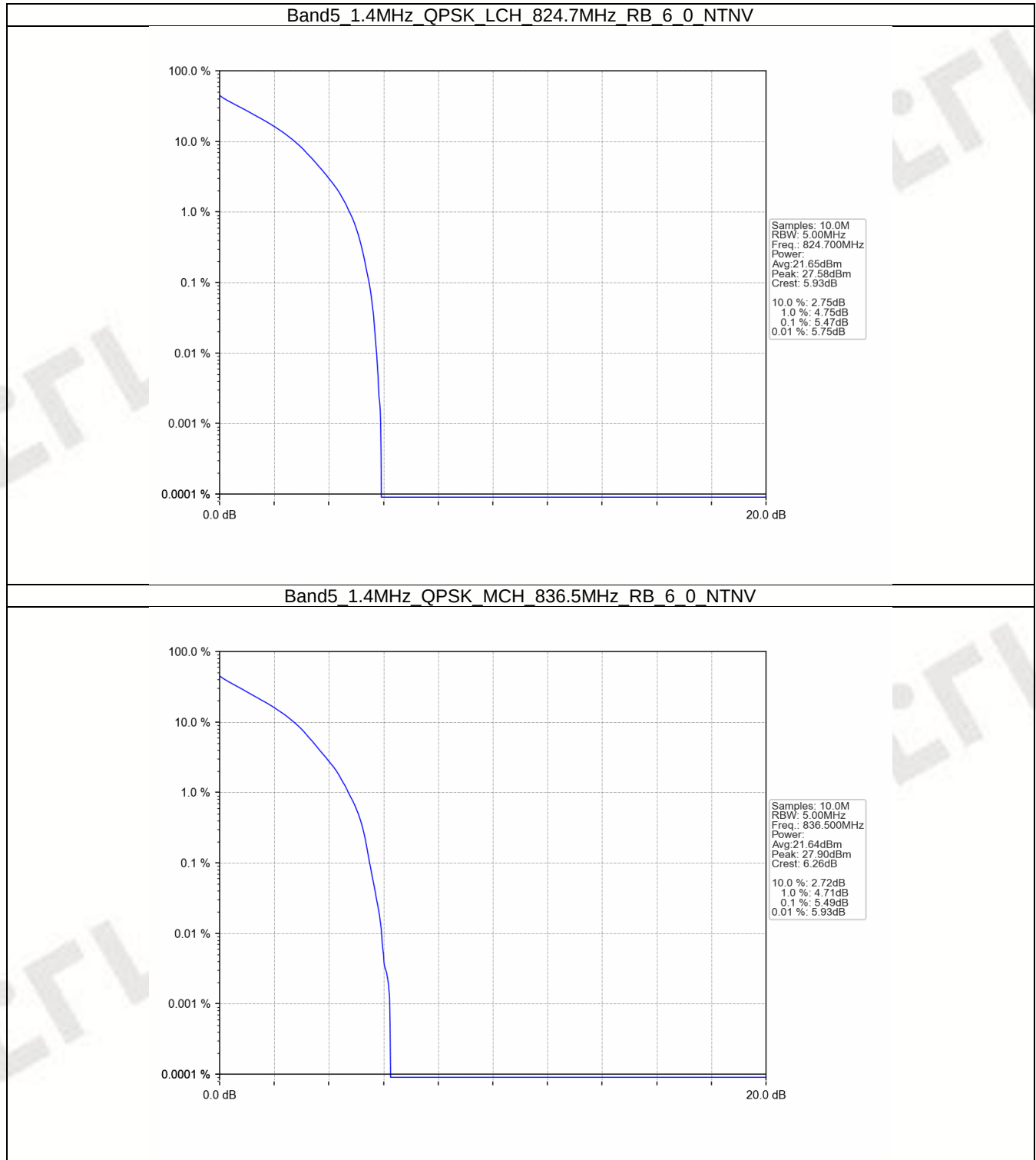
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.36	<=13	Pass
	836.5	50	0	5.43	<=13	Pass
	844	50	0	5.28	<=13	Pass
16QAM	829	50	0	6.21	<=13	Pass
	836.5	50	0	6.27	<=13	Pass
	844	50	0	6.15	<=13	Pass

FCCID: 2BCUE-P8GLOBAL

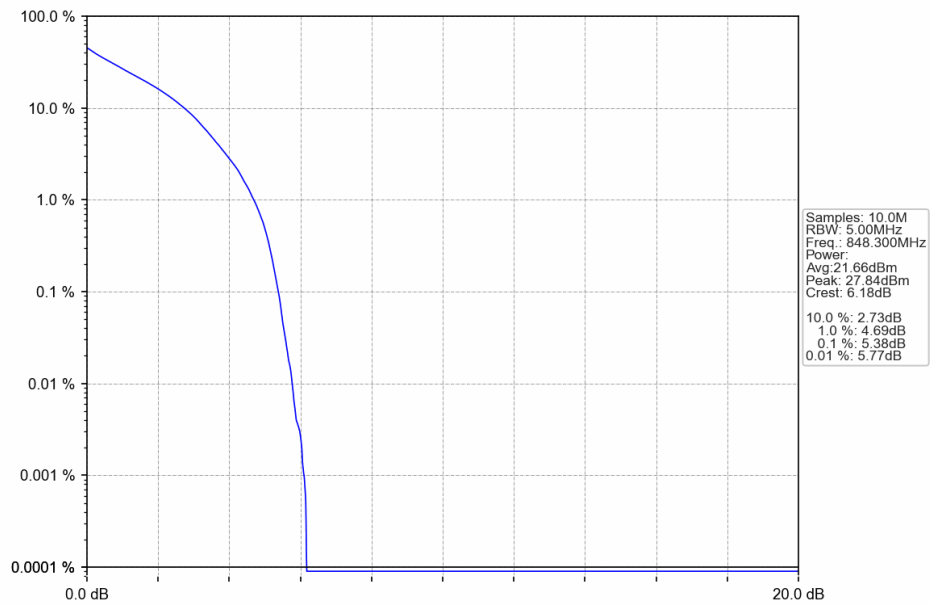
5.2 Test Graph

5.2.1 B5_1.4MHz

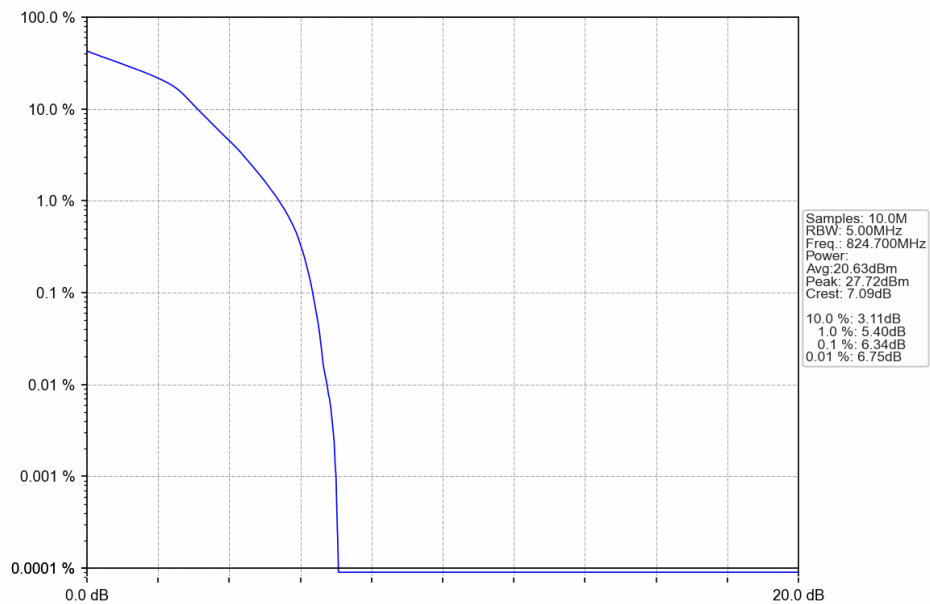


FCCID: 2BCUE-P8GLOBAL

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

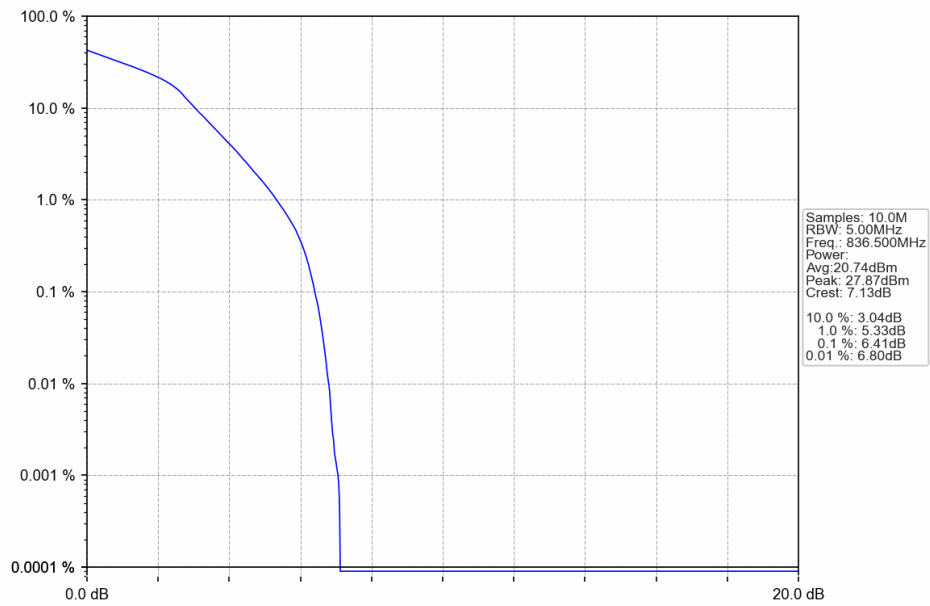


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

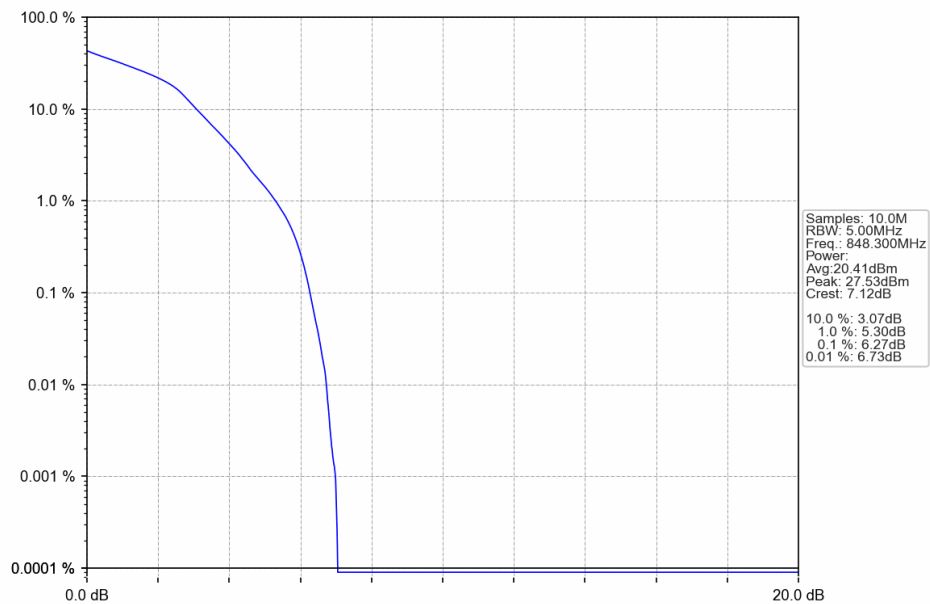


FCCID: 2BCUE-P8GLOBAL

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

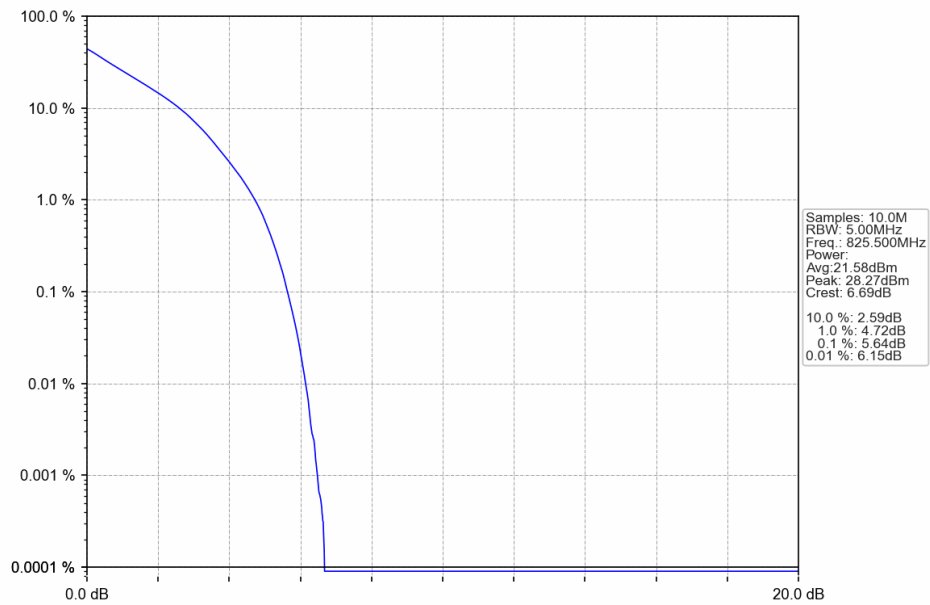


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

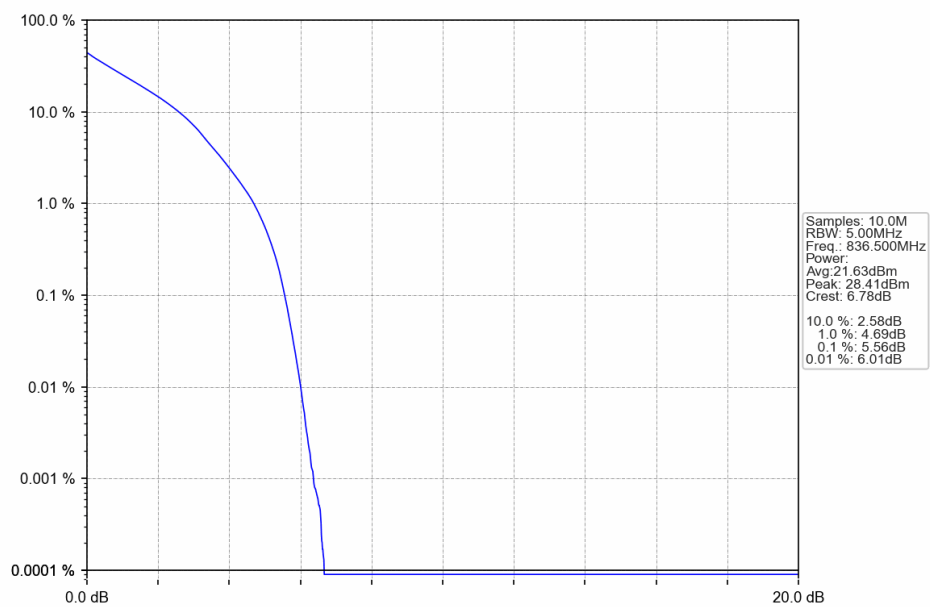


5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

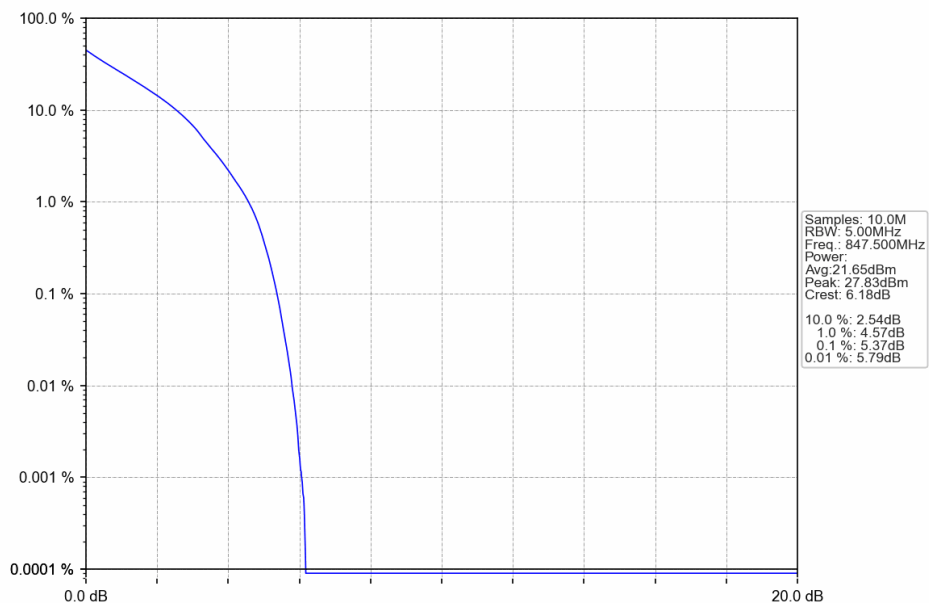


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

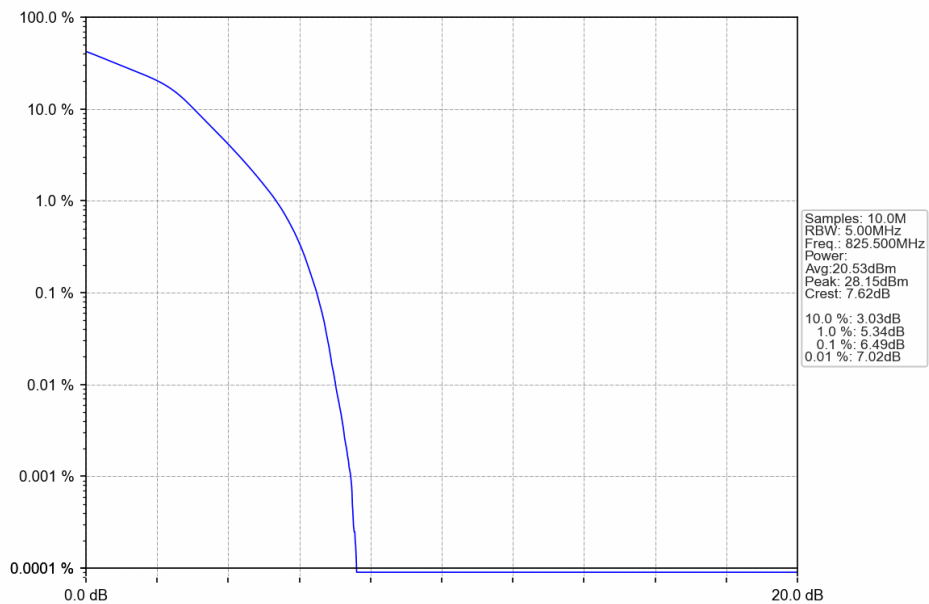


FCCID: 2BCUE-P8GLOBAL

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

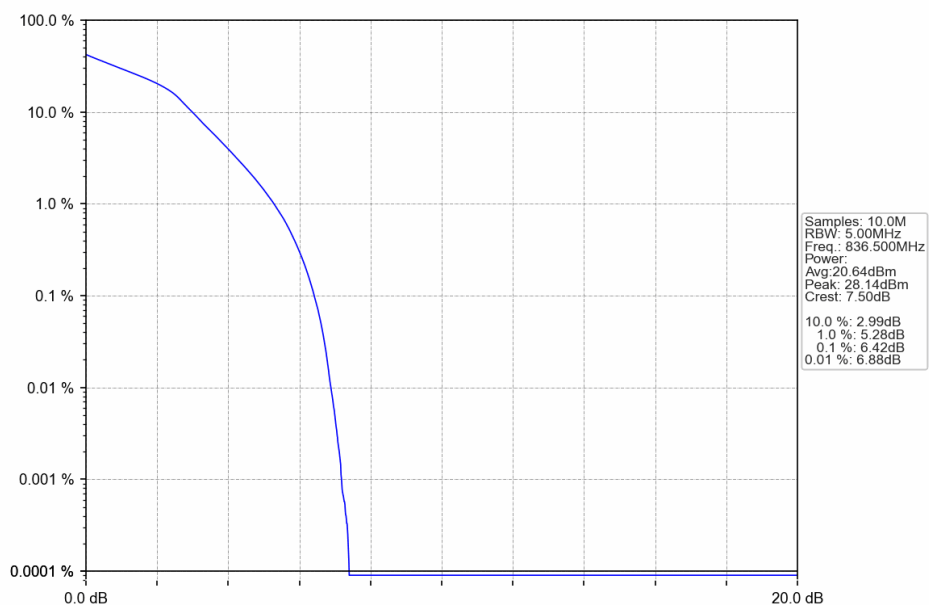


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

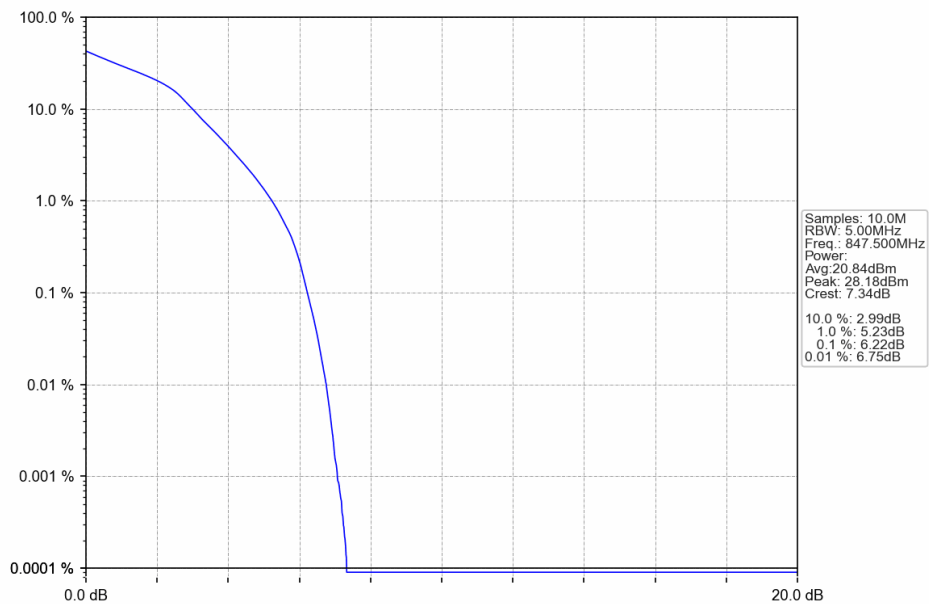


FCCID: 2BCUE-P8GLOBAL

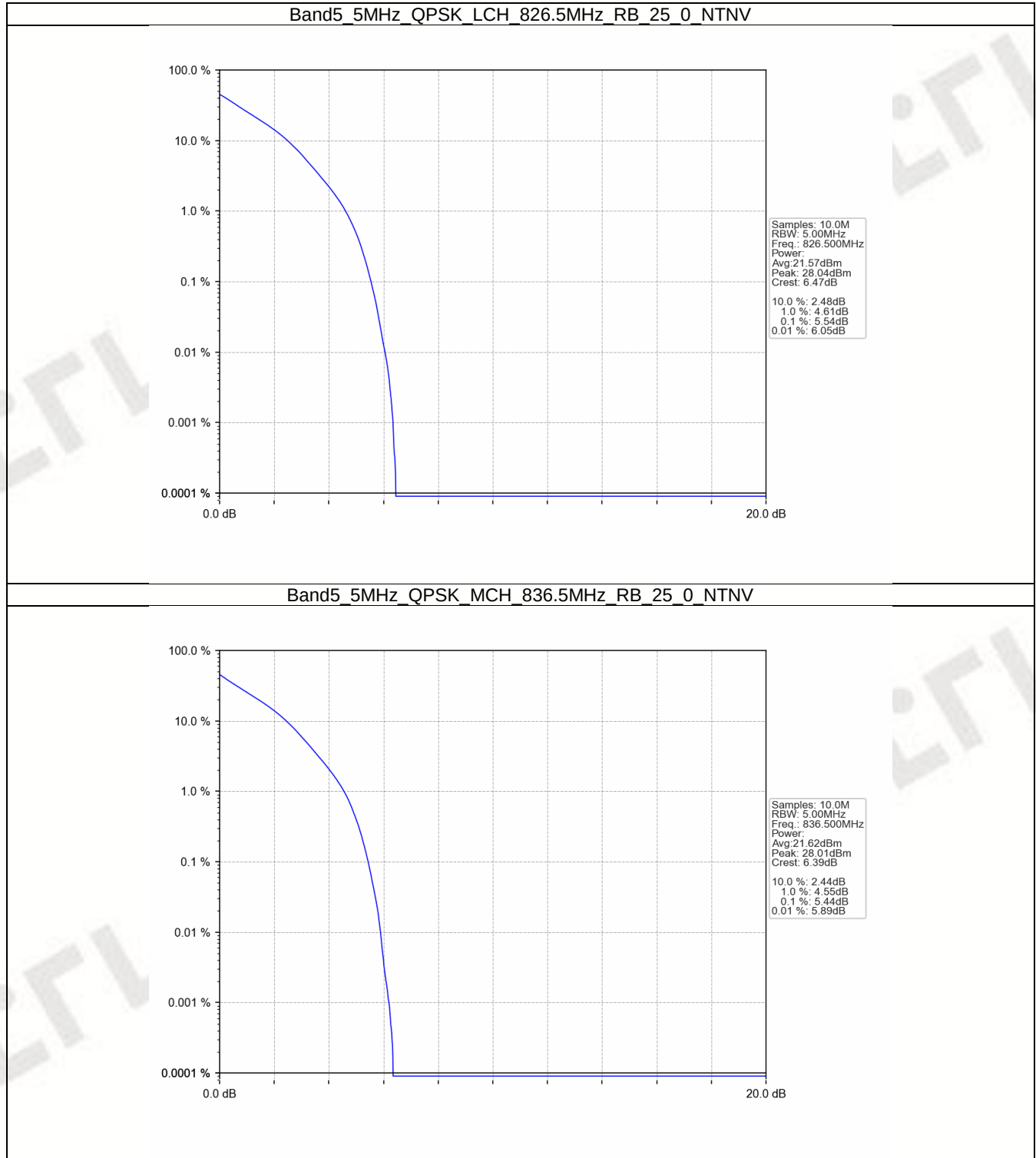
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

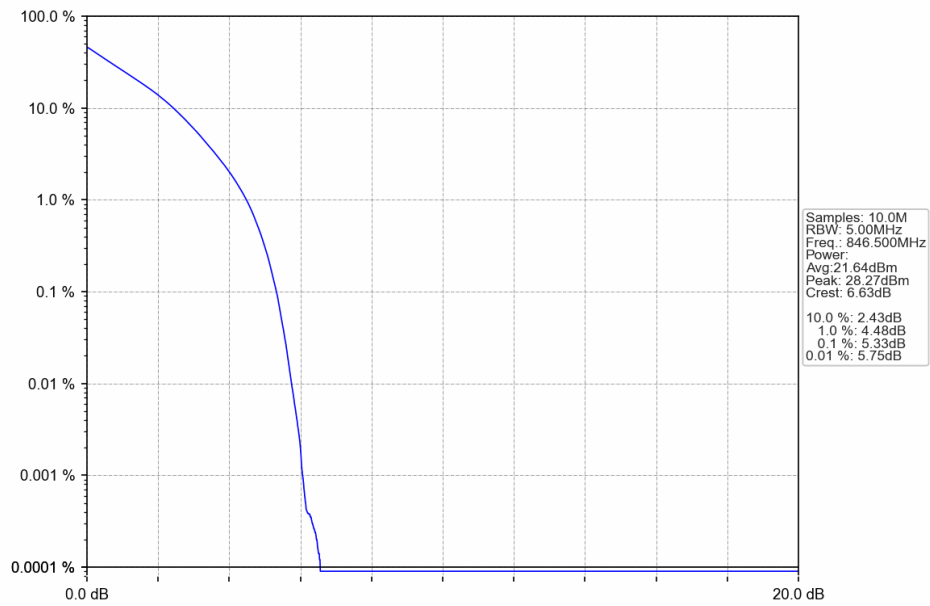


5.2.3 B5_5MHz

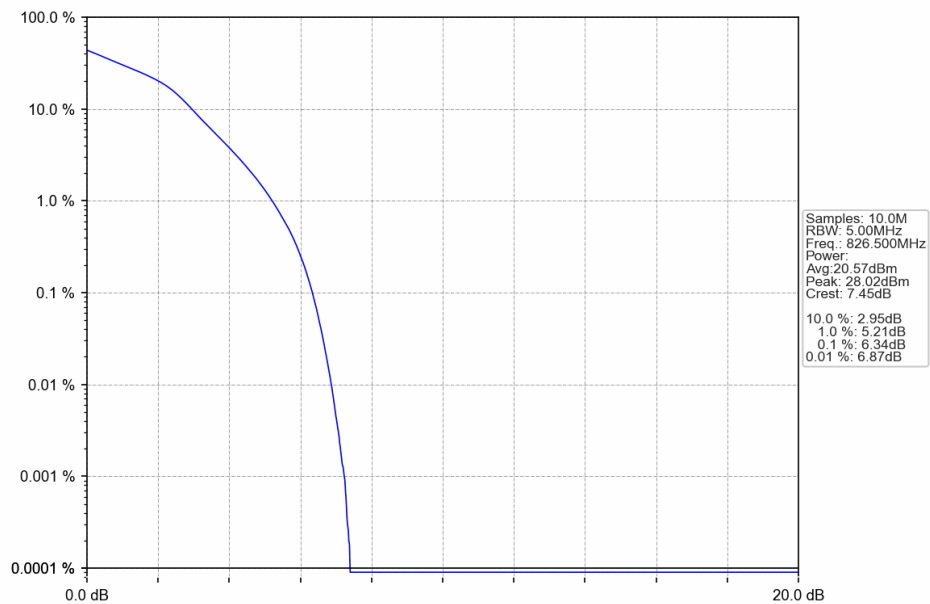


FCCID: 2BCUE-P8GLOBAL

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

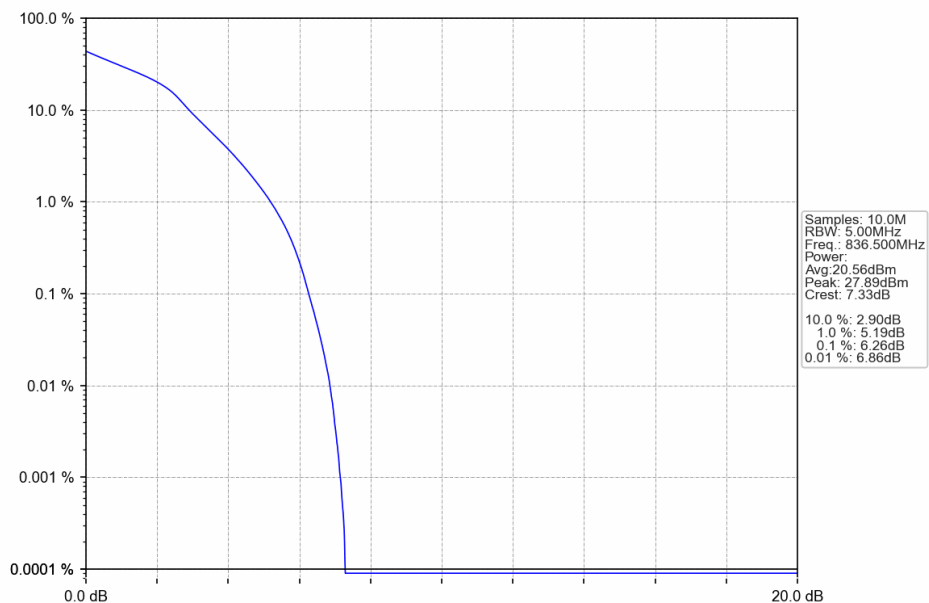


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

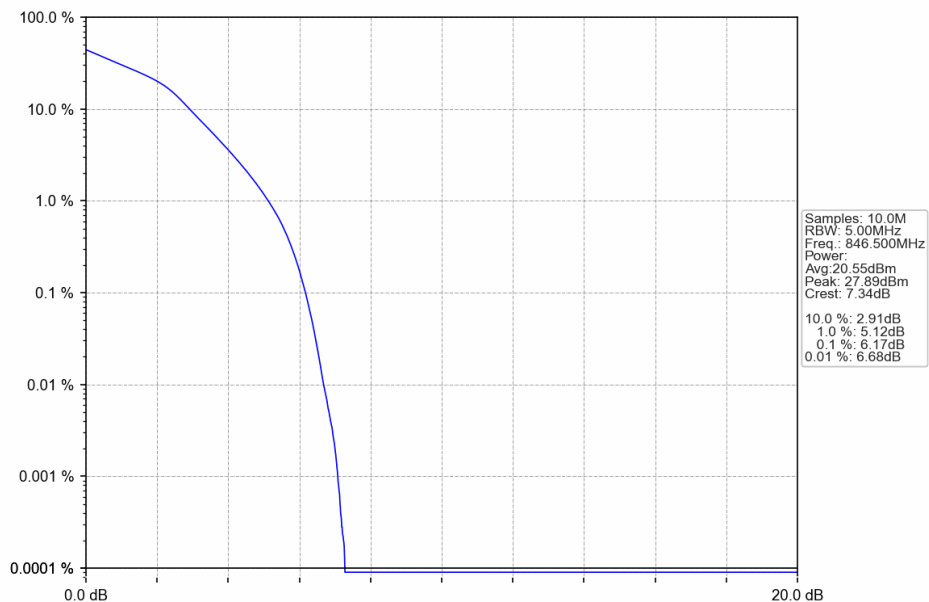


FCCID: 2BCUE-P8GLOBAL

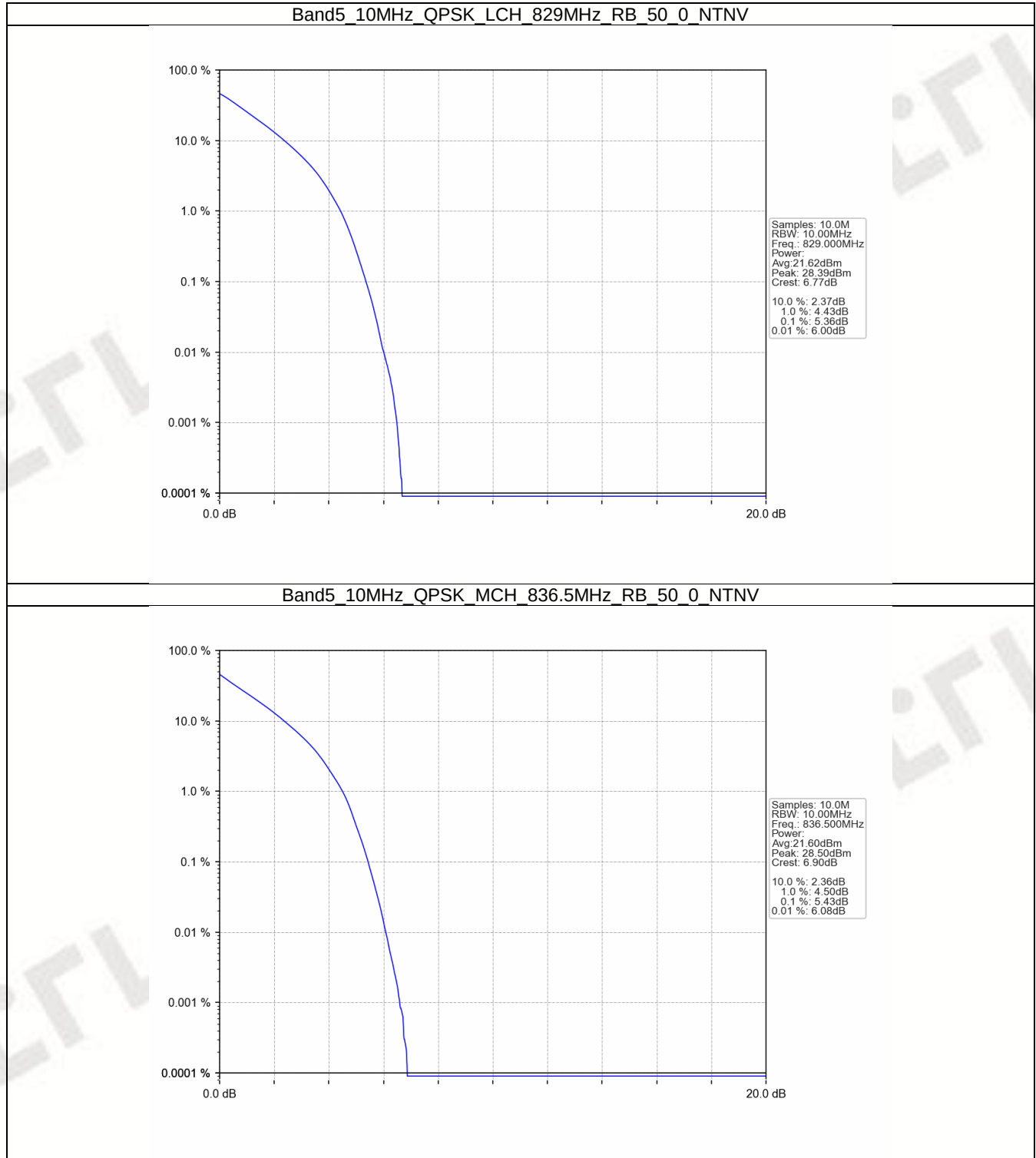
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

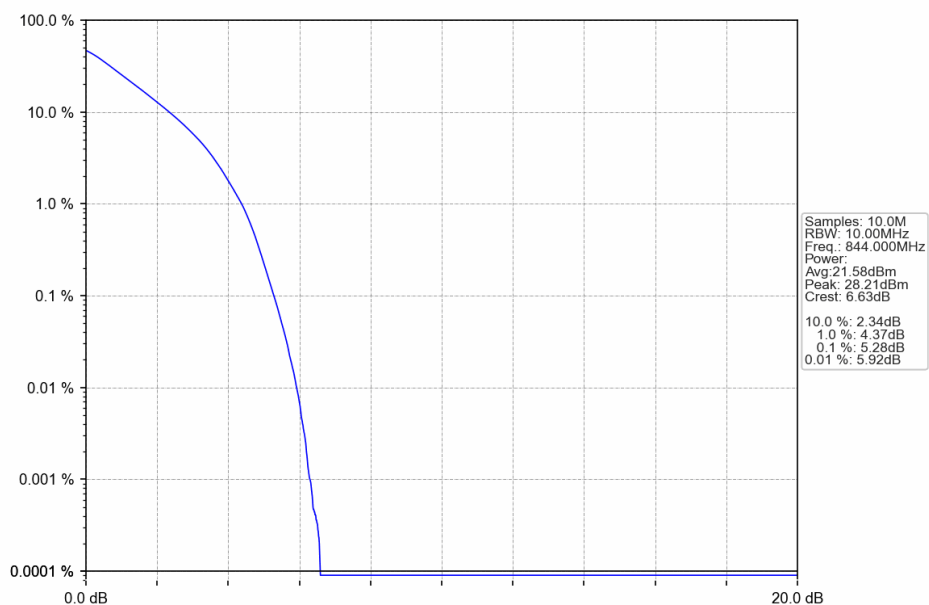


5.2.4 B5_10MHz

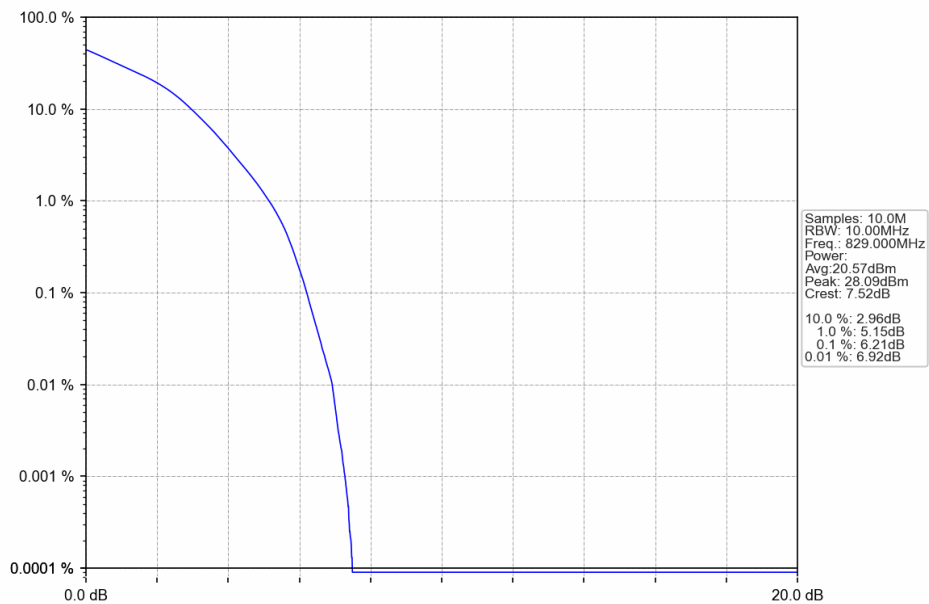


FCCID: 2BCUE-P8GLOBAL

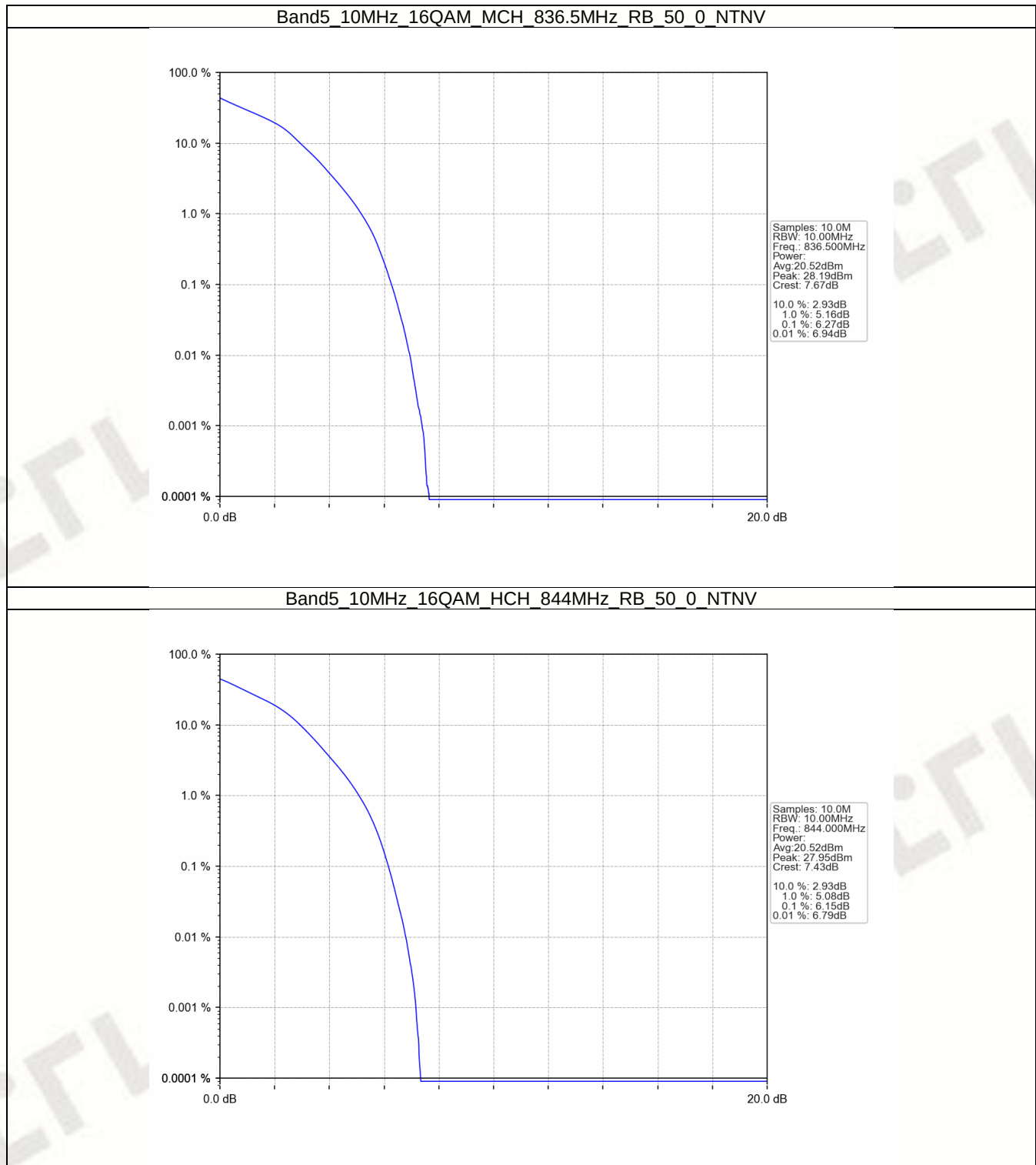
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



FCCID: 2BCUE-P8GLOBAL



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
			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
			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
			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
			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
			0	Refer To Test Graph	Pass

FCCID: 2BCUE-P8GLOBAL

16QAM	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

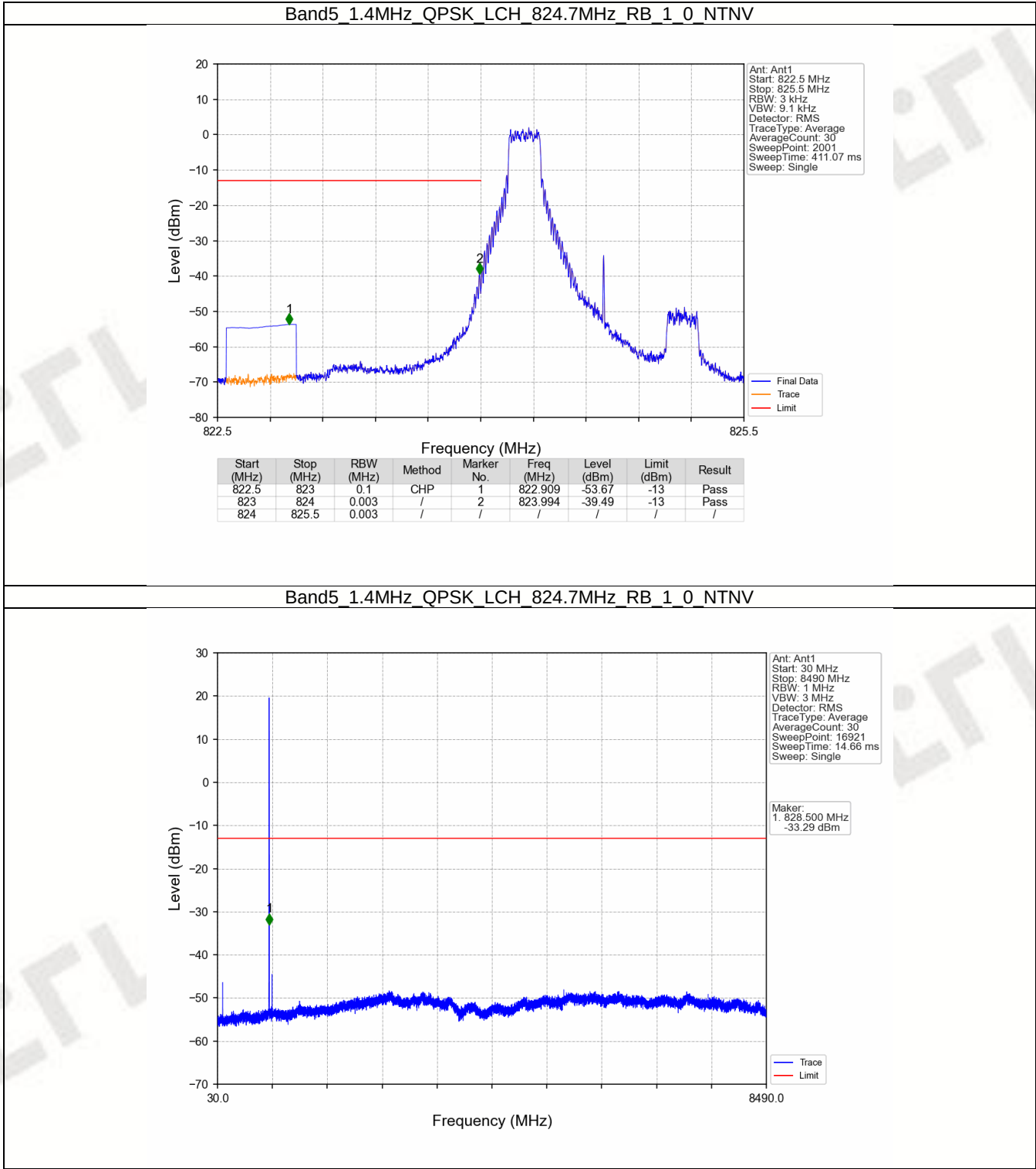
6.1.4 B5_10MHz

Band: 5 / 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

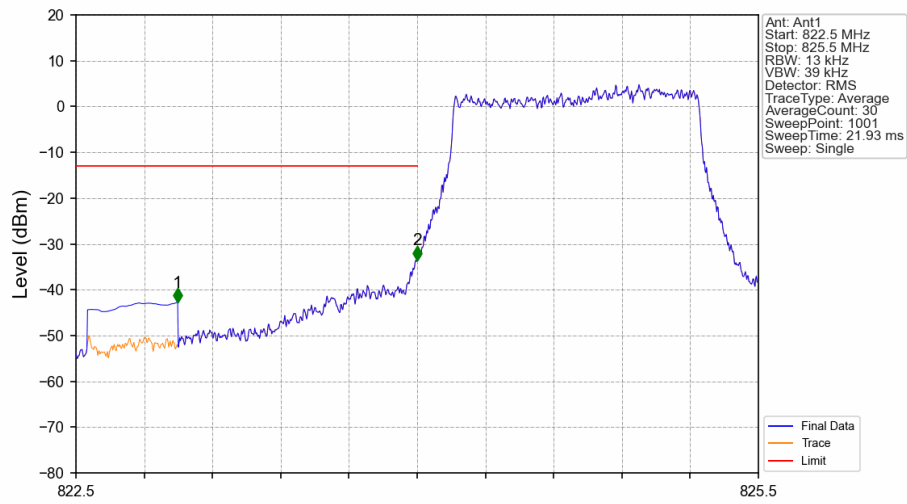
FCCID: 2BCUE-P8GLOBAL

6.2 Test Graph

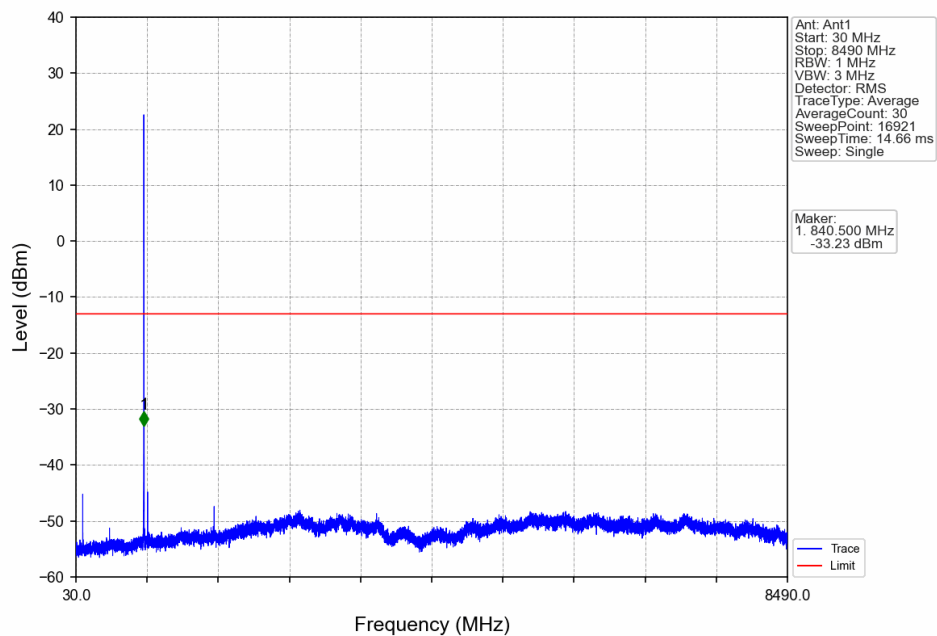
6.2.1 B5_1.4MHz



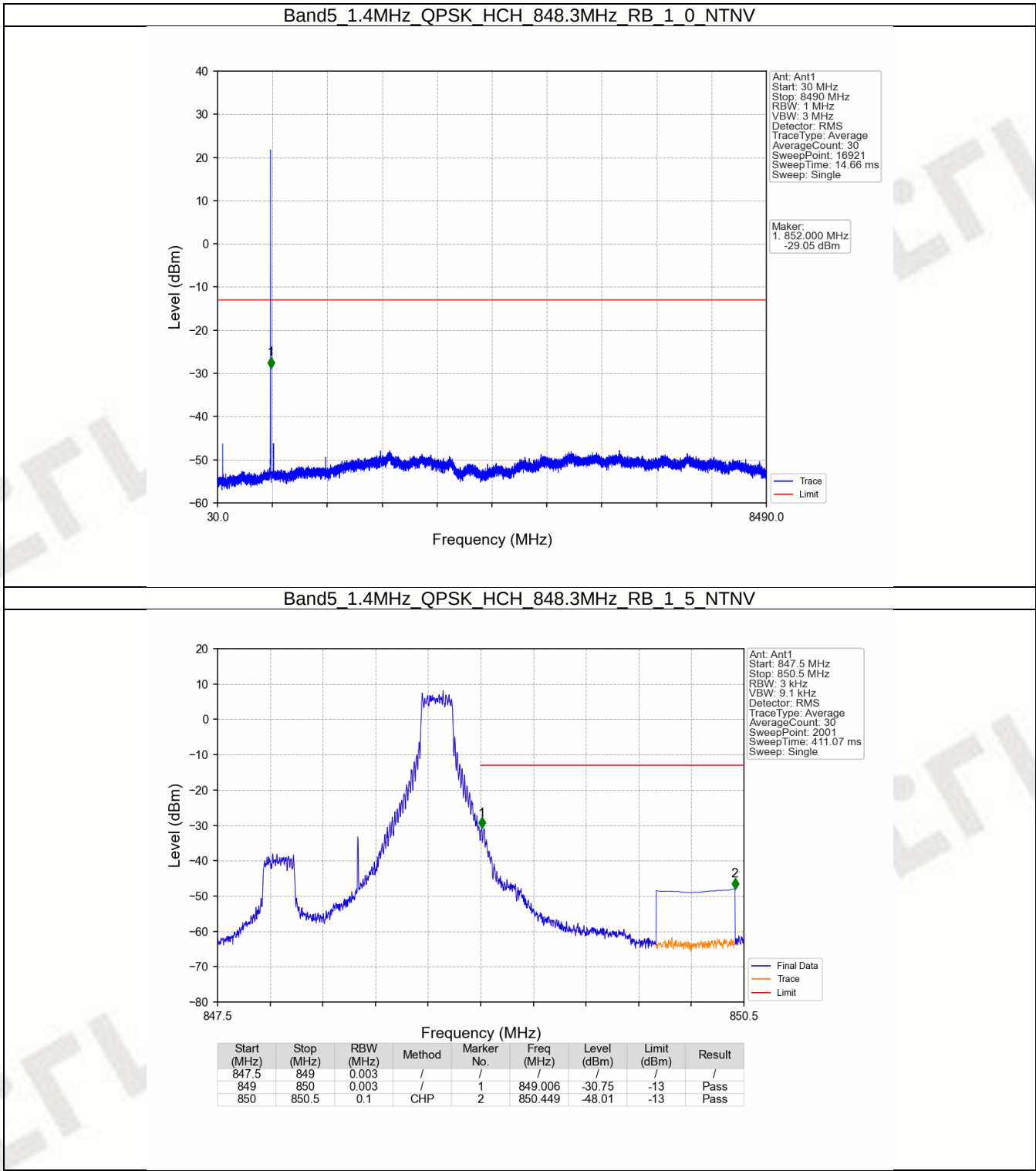
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



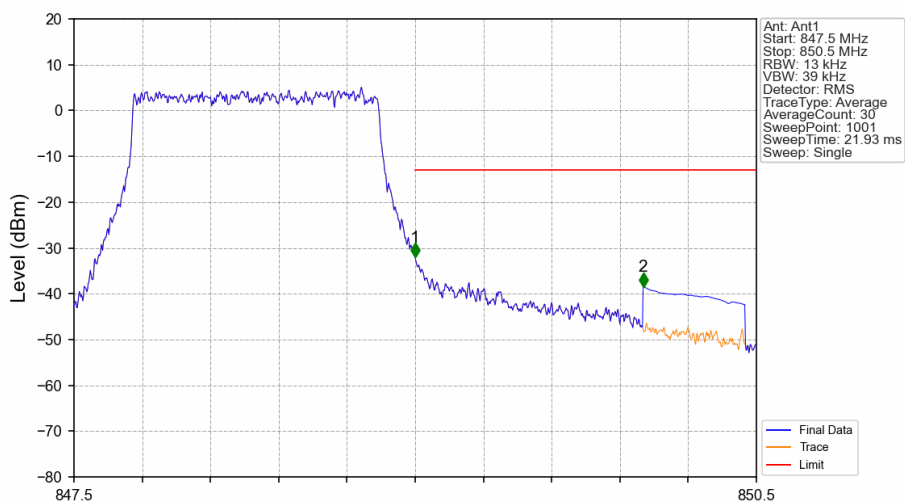
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



FCCID: 2BCUE-P8GLOBAL

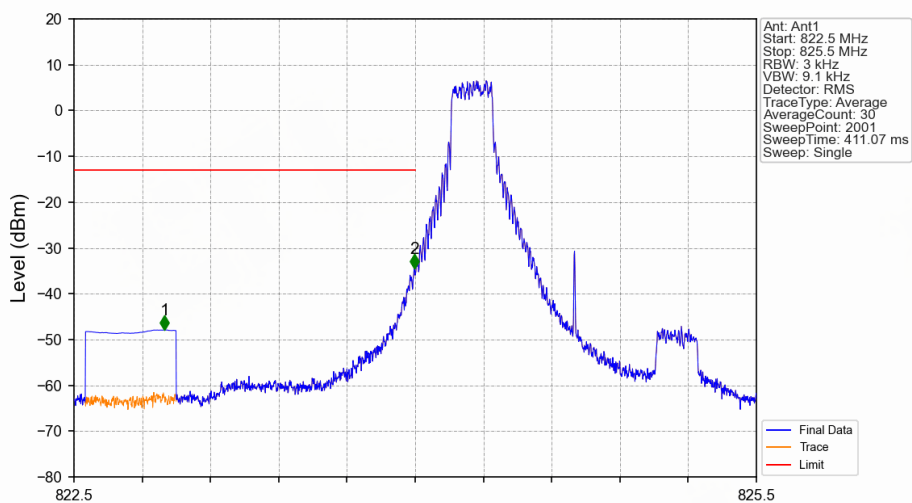


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



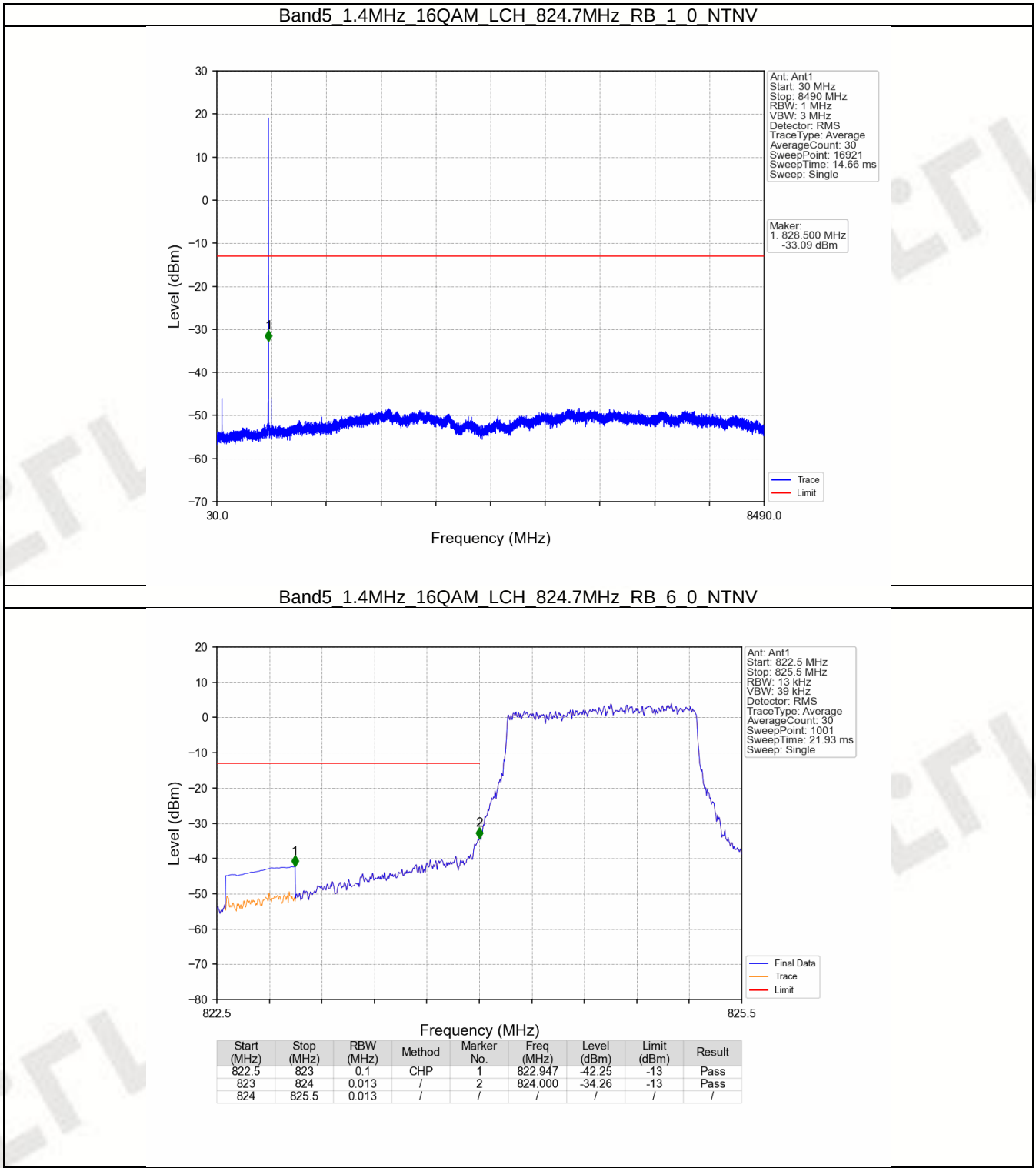
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.000	-32.03	-13	Pass
850	850.5	0.1	CHP	2	850.002	-38.46	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



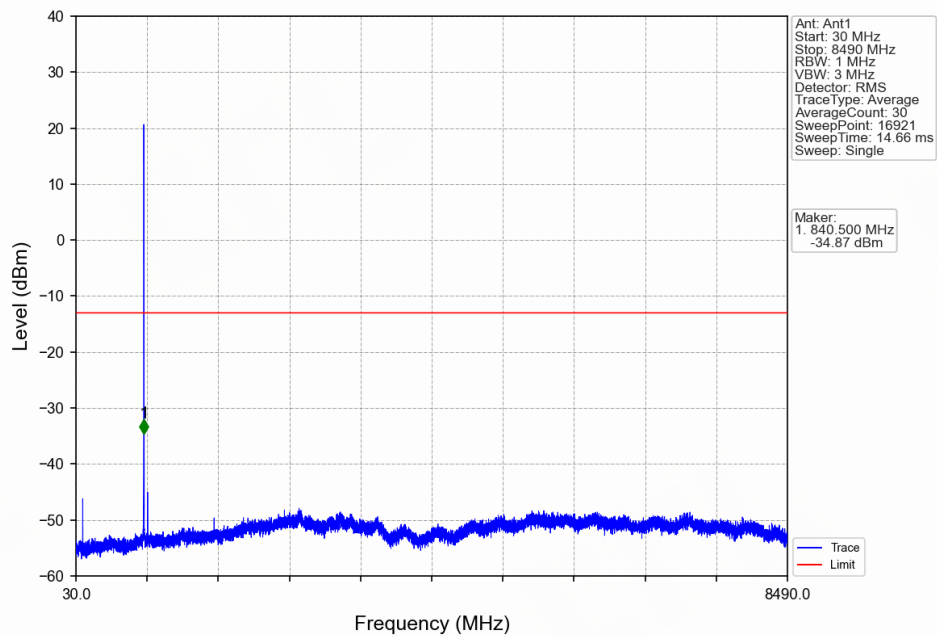
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.898	-47.90	-13	Pass
823	824	0.003	/	2	823.995	-34.53	-13	Pass
824	825.5	0.003	/	/	/	/	/	/

FCCID: 2BCUE-P8GLOBAL



FCCID: 2BCUE-P8GLOBAL

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

