

1. Effective (Isotropic) Radiated Power Output Data

1.1 B26c_15MHz_ERP

1.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	821.5	1	0	23.36	2.66	23.87	<=38.45	Pass
			38	23.57	2.66	24.08	<=38.45	Pass
			74	23.31	2.66	23.82	<=38.45	Pass
		36	0	22.52	2.66	23.03	<=38.45	Pass
			18	22.57	2.66	23.08	<=38.45	Pass
			39	22.53	2.66	23.04	<=38.45	Pass
		75	0	22.54	2.66	23.05	<=38.45	Pass
	831.5	1	0	23.35	2.66	23.86	<=38.45	Pass
			38	23.52	2.66	24.03	<=38.45	Pass
			74	23.28	2.66	23.79	<=38.45	Pass
		36	0	22.60	2.66	23.11	<=38.45	Pass
			18	22.57	2.66	23.08	<=38.45	Pass
			39	22.45	2.66	22.96	<=38.45	Pass
	75	0	22.54	2.66	23.05	<=38.45	Pass	
	841.5	1	0	23.23	2.66	23.74	<=38.45	Pass
			38	23.48	2.66	23.99	<=38.45	Pass
			74	23.36	2.66	23.87	<=38.45	Pass
		36	0	22.36	2.66	22.87	<=38.45	Pass
			18	22.48	2.66	22.99	<=38.45	Pass
			39	22.36	2.66	22.87	<=38.45	Pass
		75	0	22.39	2.66	22.90	<=38.45	Pass
16QAM	821.5	1	0	22.66	2.66	23.17	<=38.45	Pass
			38	22.96	2.66	23.47	<=38.45	Pass
			74	22.63	2.66	23.14	<=38.45	Pass
		36	0	21.52	2.66	22.03	<=38.45	Pass
			18	21.56	2.66	22.07	<=38.45	Pass
			39	21.48	2.66	21.99	<=38.45	Pass
		75	0	21.44	2.66	21.95	<=38.45	Pass
	831.5	1	0	22.52	2.66	23.03	<=38.45	Pass
			38	22.67	2.66	23.18	<=38.45	Pass
			74	22.53	2.66	23.04	<=38.45	Pass
		36	0	21.48	2.66	21.99	<=38.45	Pass
			18	21.45	2.66	21.96	<=38.45	Pass
			39	21.35	2.66	21.86	<=38.45	Pass
	75	0	21.43	2.66	21.94	<=38.45	Pass	
	841.5	1	0	22.32	2.66	22.83	<=38.45	Pass
			38	22.56	2.66	23.07	<=38.45	Pass
			74	22.47	2.66	22.98	<=38.45	Pass
		36	0	21.34	2.66	21.85	<=38.45	Pass
			18	21.45	2.66	21.96	<=38.45	Pass
			39	21.28	2.66	21.79	<=38.45	Pass
		75	0	21.34	2.66	21.85	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B26c_15MHz

2.1.1 Test Result

Band: 26c / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	821.5	75	0	20	3.27	-8.268	-0.0101	-2.5 to 2.5	Pass
					3.85	-6.280	-0.0076	-2.5 to 2.5	Pass
					4.43	-8.554	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-6.437	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-7.310	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-5.851	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-8.068	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-8.211	-0.0100	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-5.093	-0.0061	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
					4.43	-1.731	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-6.781	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-3.376	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.476	-0.0042	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-8.612	-0.0102	-2.5 to 2.5	Pass
					3.85	-7.210	-0.0086	-2.5 to 2.5	Pass
					4.43	-5.894	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-2.561	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-6.495	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-7.381	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.998	-0.0107	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-7.868	-0.0096	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0056	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-7.238	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.937	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-8.869	-0.0108	-2.5 to 2.5	Pass
				40	3.85	-6.795	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-4.277	-0.0052	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-7.639	-0.0092	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0074	-2.5 to 2.5	Pass

					4.43	-7.768	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.206	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-10.800	-0.0130	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-3.891	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.965	-0.0072	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-8.125	-0.0097	-2.5 to 2.5	Pass
					3.85	-4.992	-0.0059	-2.5 to 2.5	Pass
					4.43	-7.868	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-8.597	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-7.939	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-7.381	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0100	-2.5 to 2.5	Pass

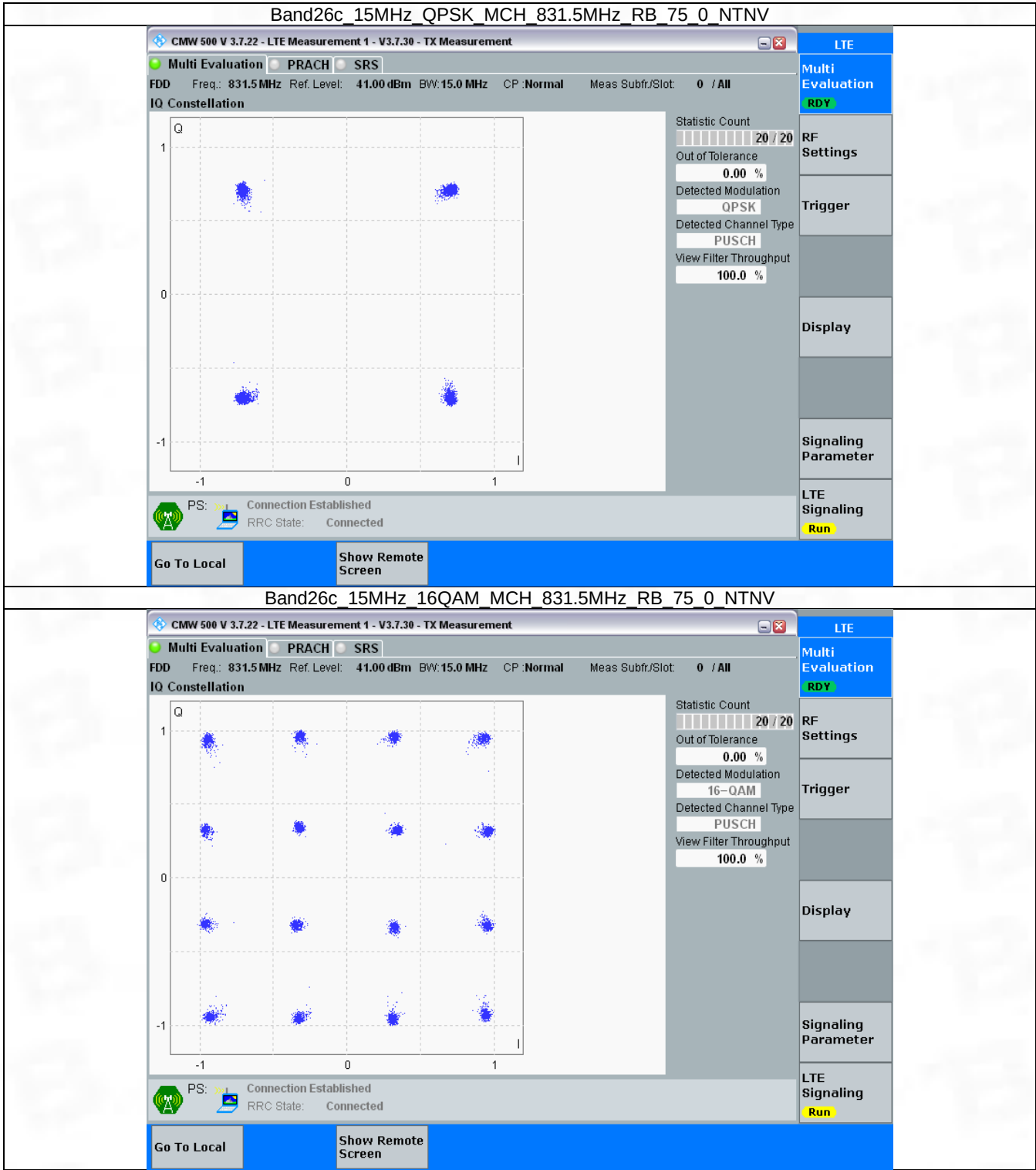
3. Modulation Characteristics

3.1 B26c_15MHz

3.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	75	0	Refer To Test Graph		Pass

3.1.2 Test Graph



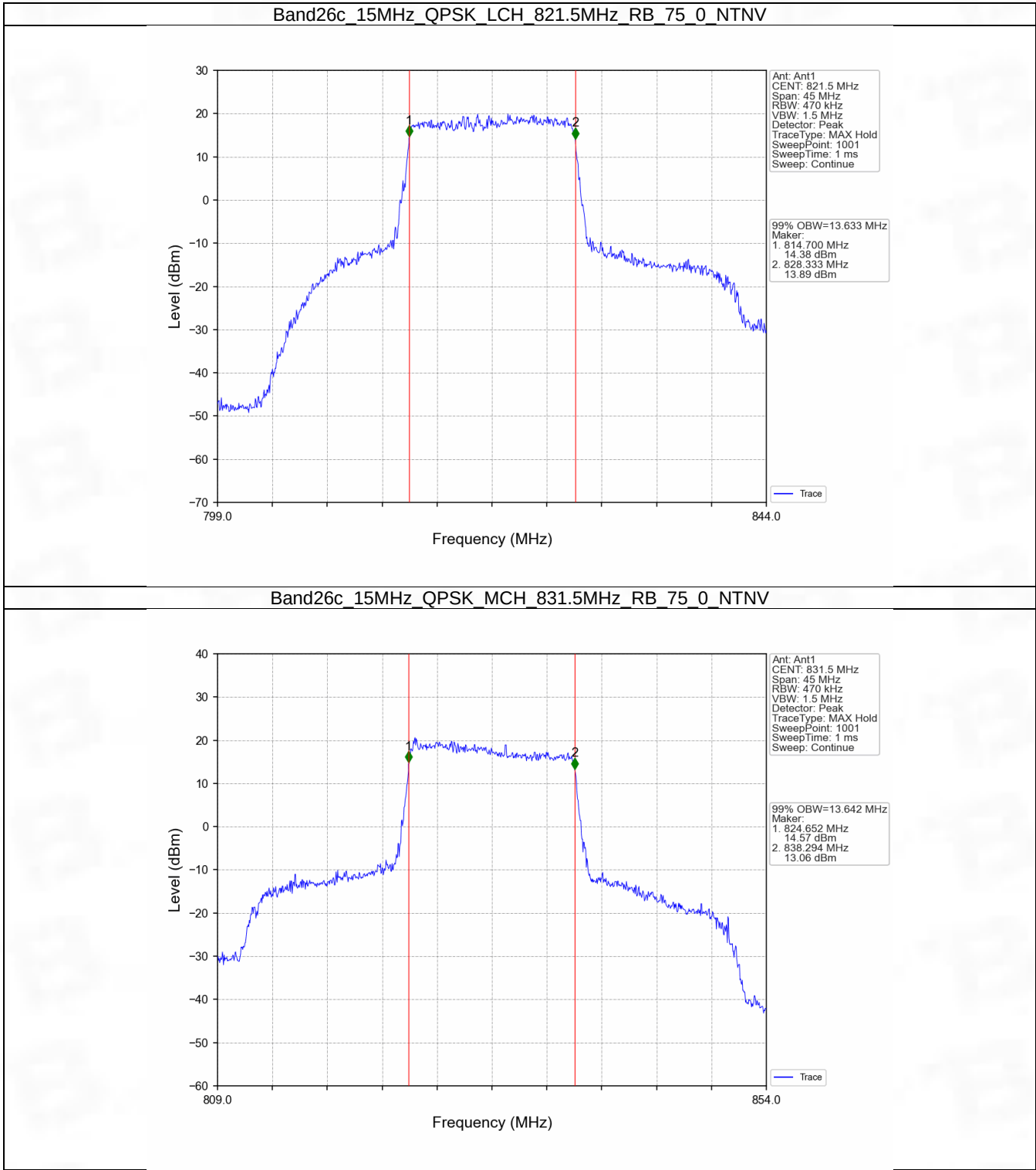
4. 99% & 26dB Bandwidth

4.1 Band26c_OBW

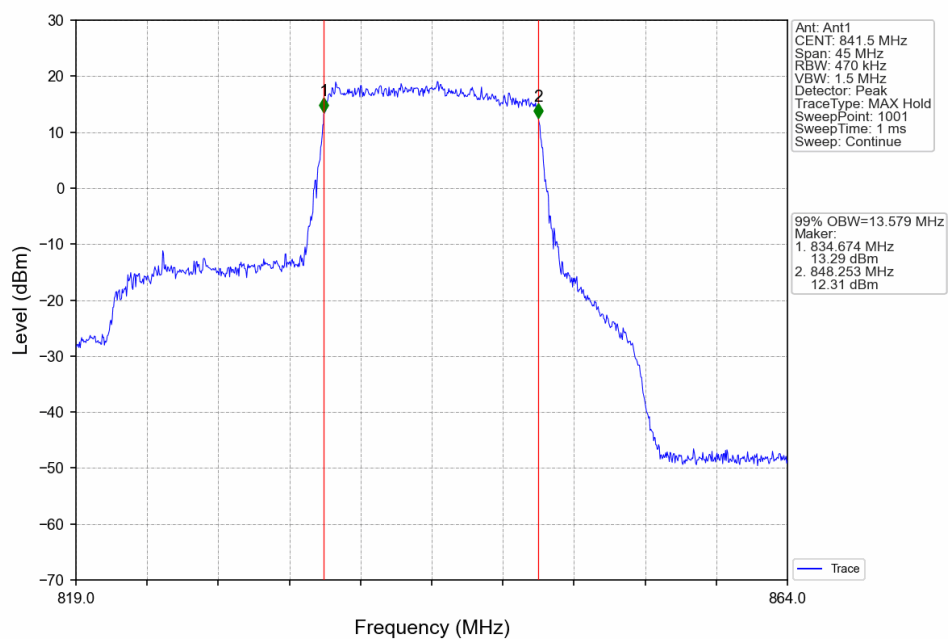
4.1.1 Test Result

Band: 26c / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.633	Pass
		831.5	75	0	13.642	Pass
		841.5	75	0	13.579	Pass
	16QAM	821.5	75	0	13.666	Pass
		831.5	75	0	13.683	Pass
		841.5	75	0	13.565	Pass

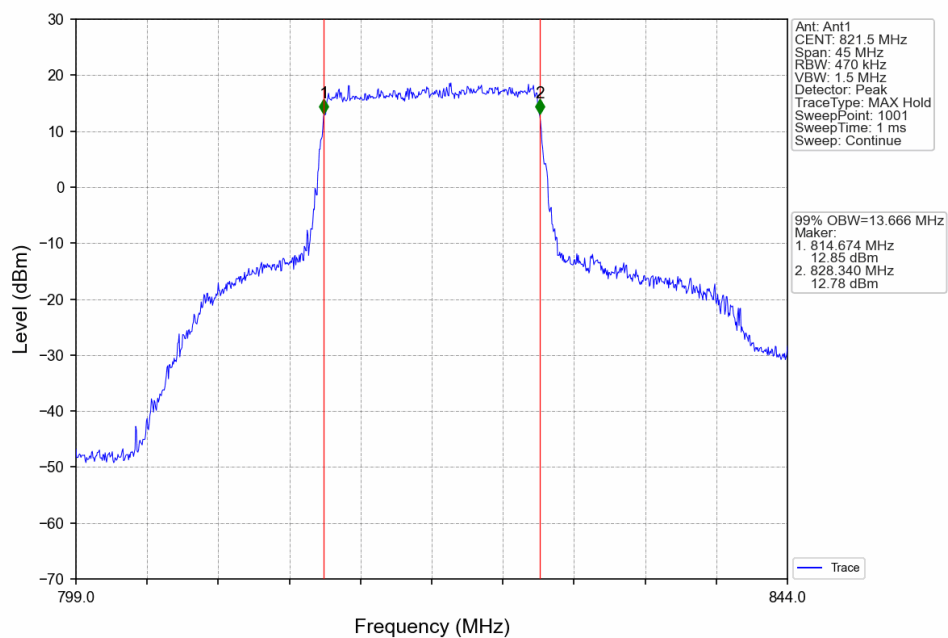
4.1.2 Test Graph



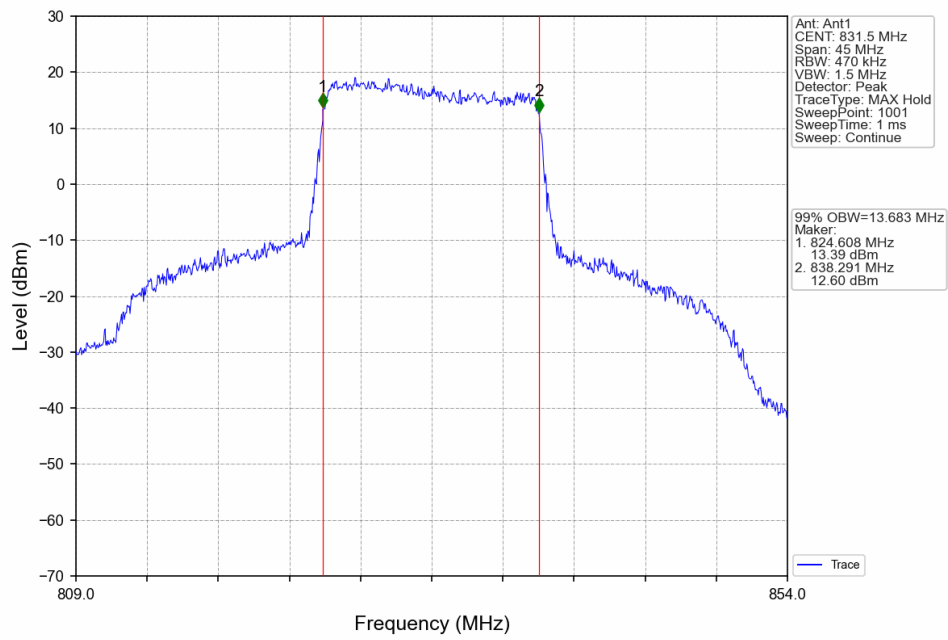
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



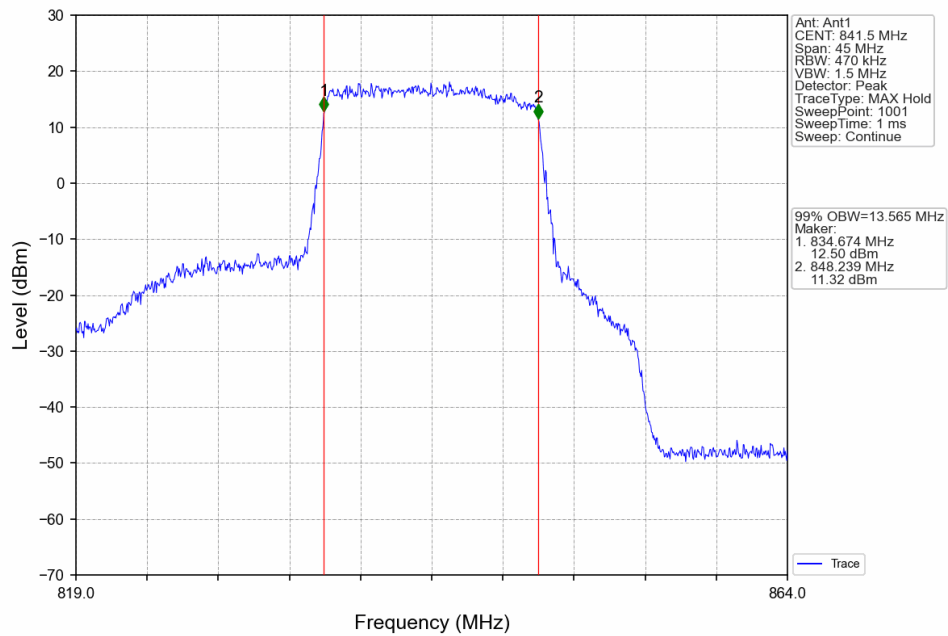
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV

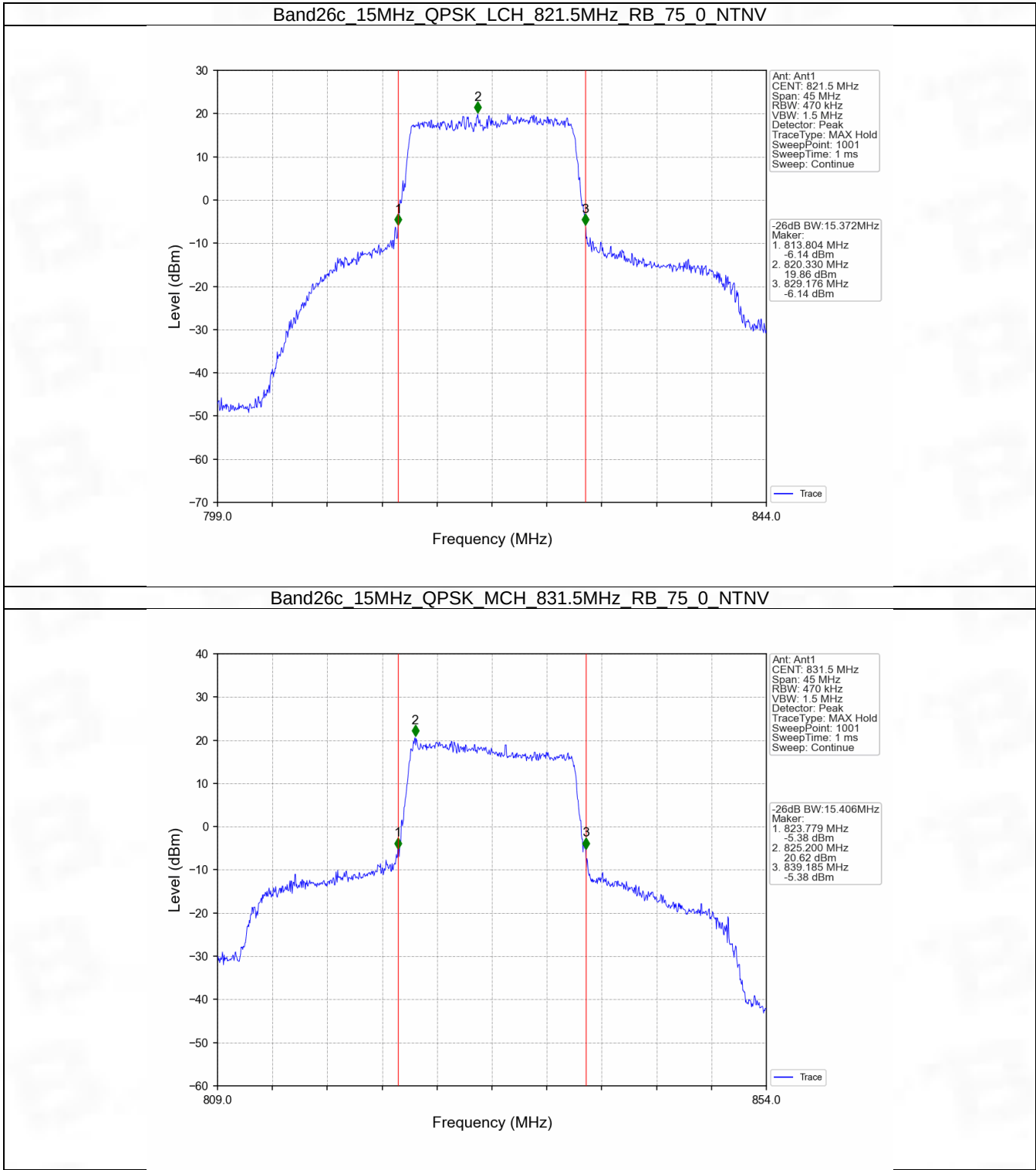


4.2 Band26c_XDB

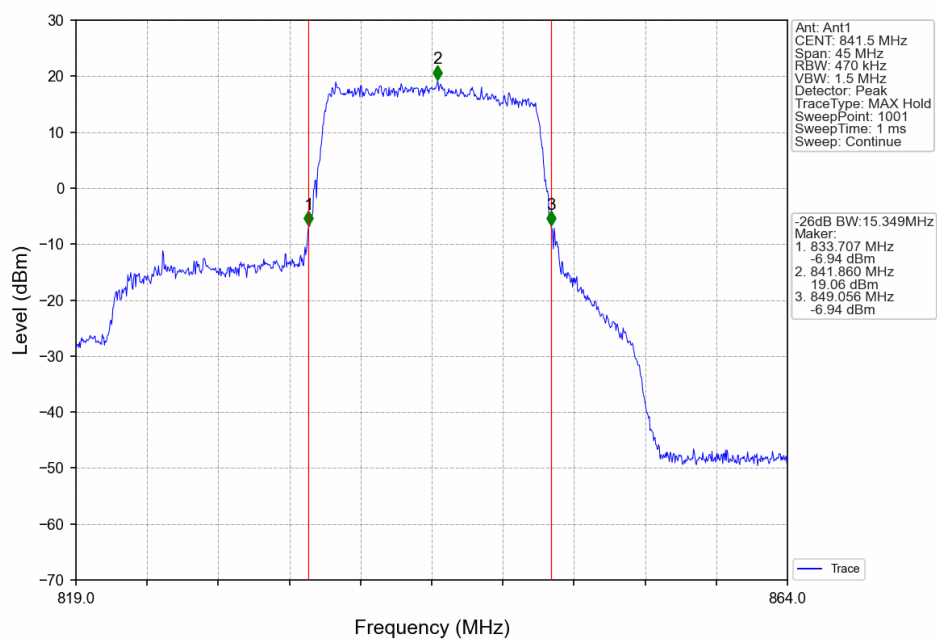
4.2.1 Test Result

Band: 26c / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	15.372	Pass
		831.5	75	0	15.406	Pass
		841.5	75	0	15.349	Pass
	16QAM	821.5	75	0	15.232	Pass
		831.5	75	0	15.328	Pass
		841.5	75	0	15.297	Pass

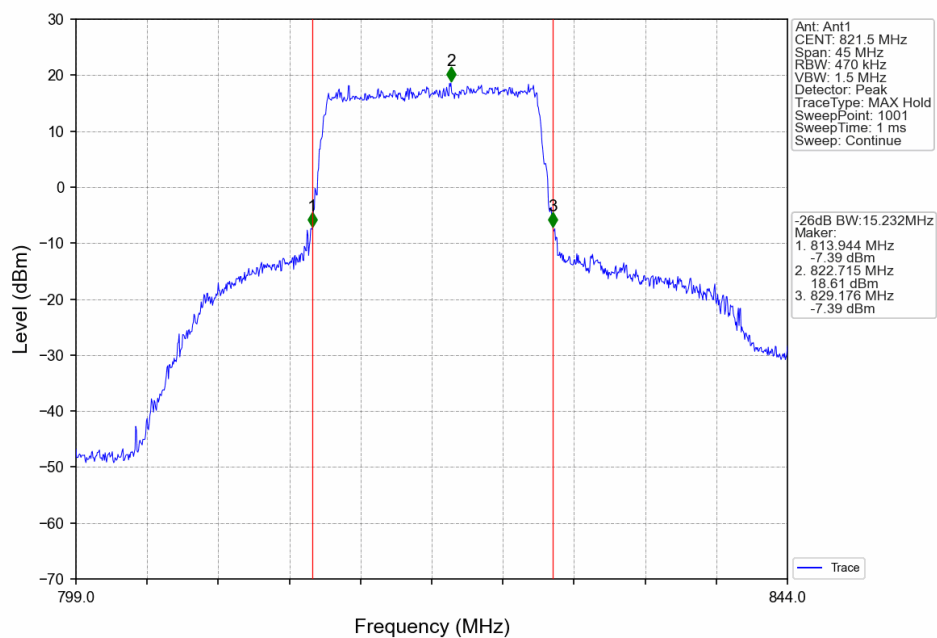
4.2.2 Test Graph



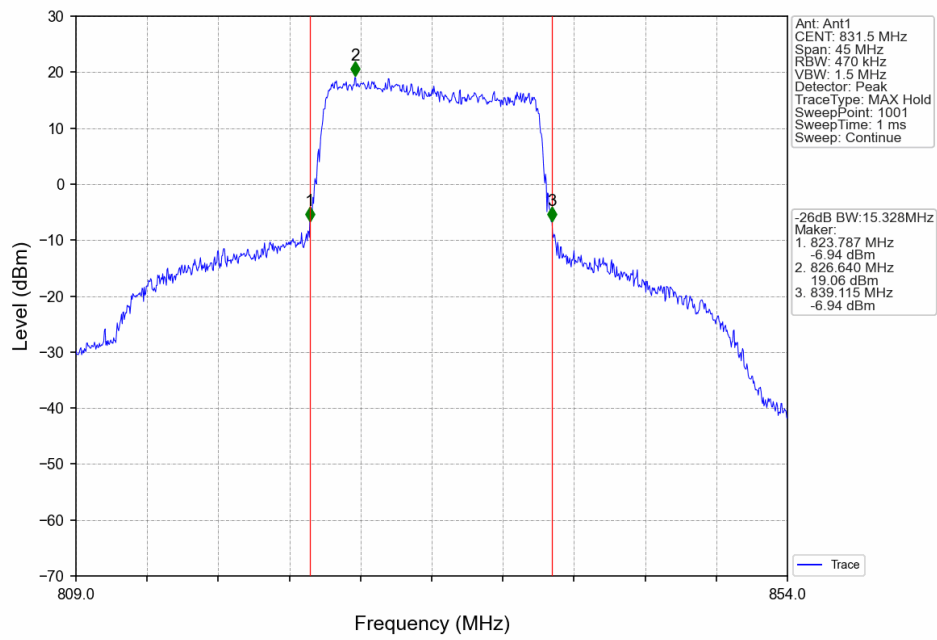
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



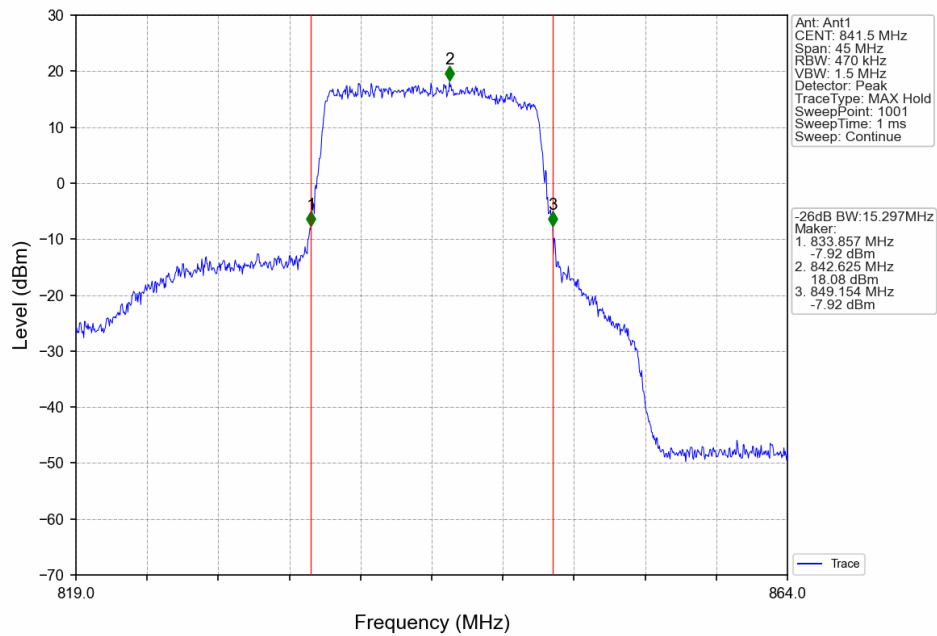
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



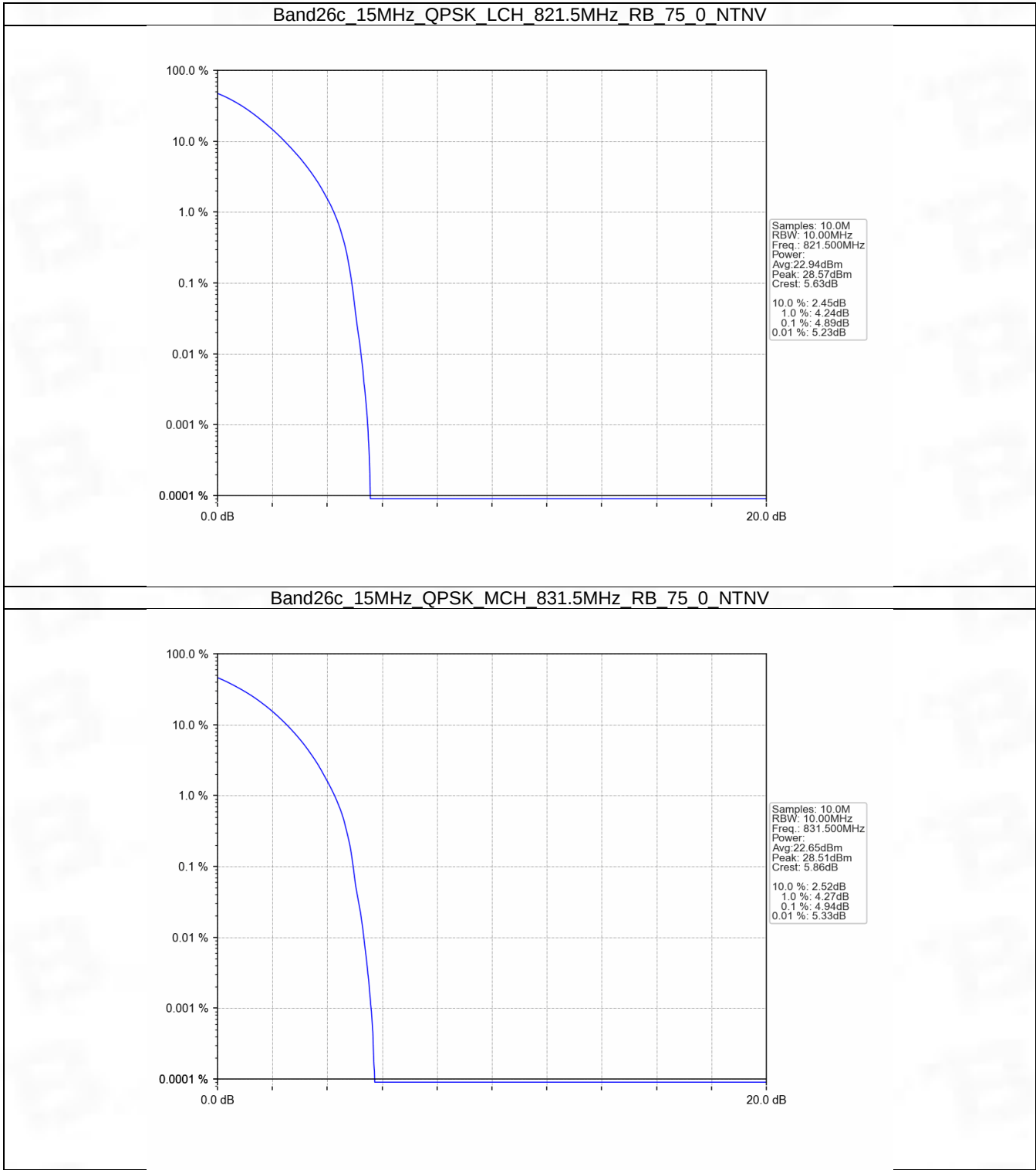
5. Peak-Average Ratio

5.1 B26c_15MHz

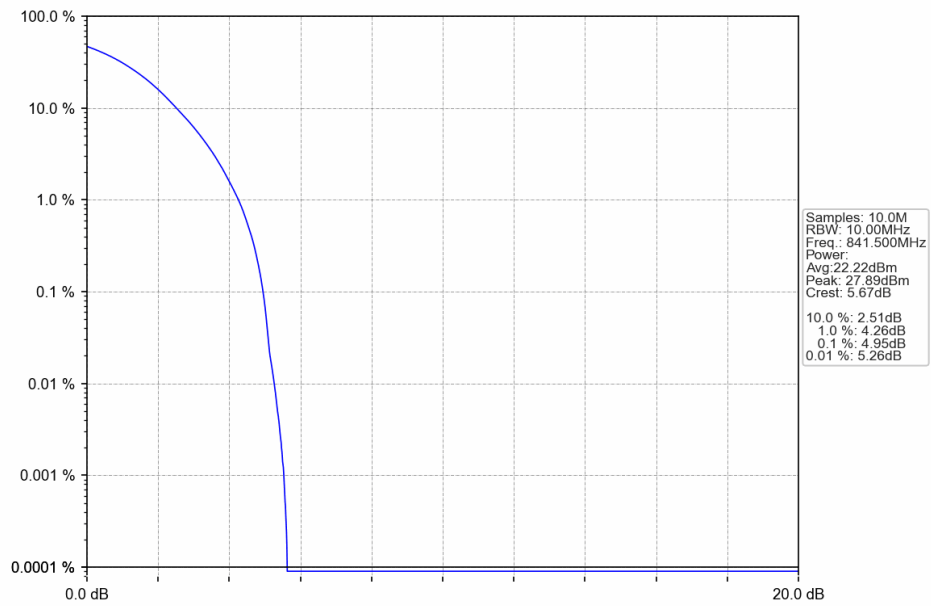
5.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.89	<=13	Pass
	831.5	75	0	4.94	<=13	Pass
	841.5	75	0	4.95	<=13	Pass
16QAM	821.5	75	0	5.70	<=13	Pass
	831.5	75	0	5.67	<=13	Pass
	841.5	75	0	5.78	<=13	Pass

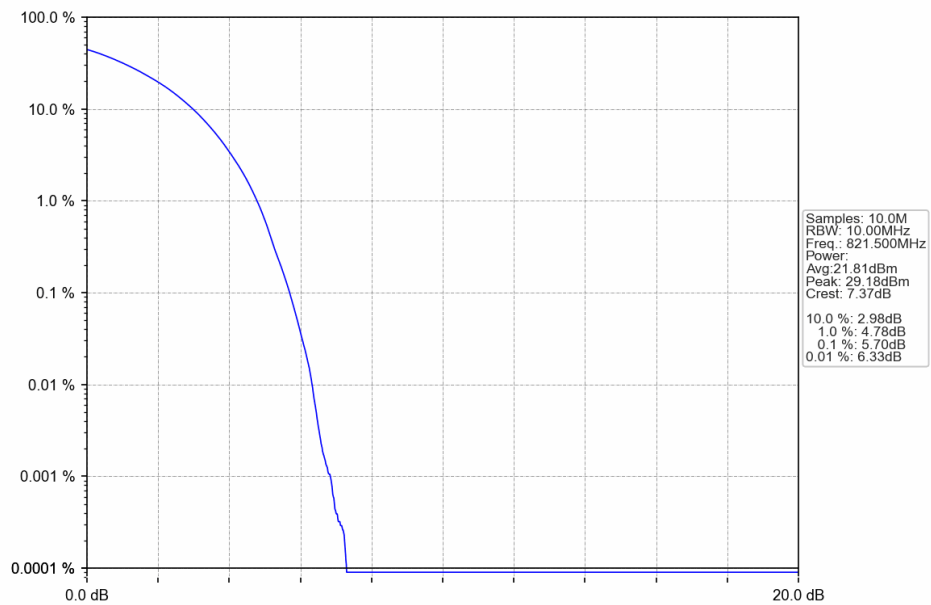
5.1.2 Test Graph



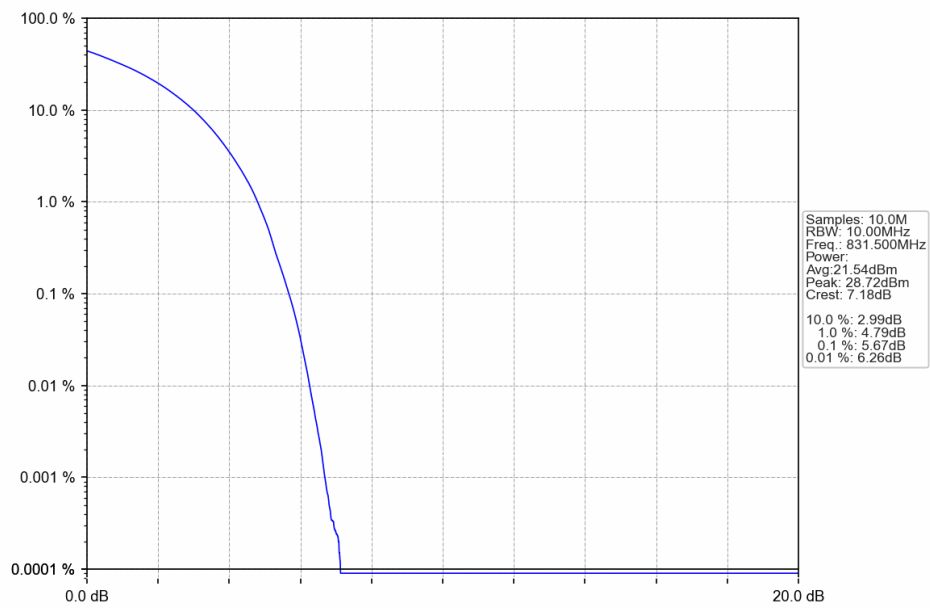
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



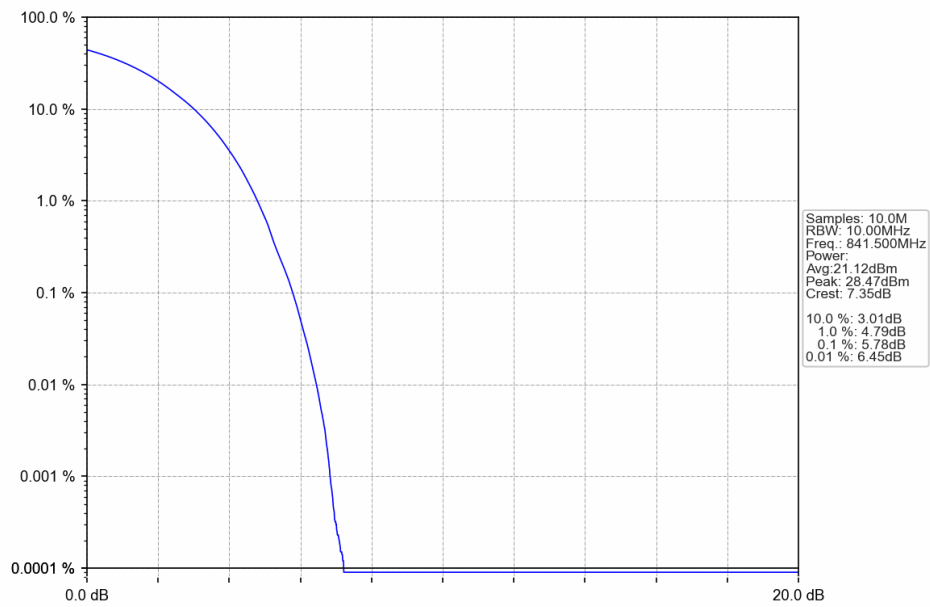
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



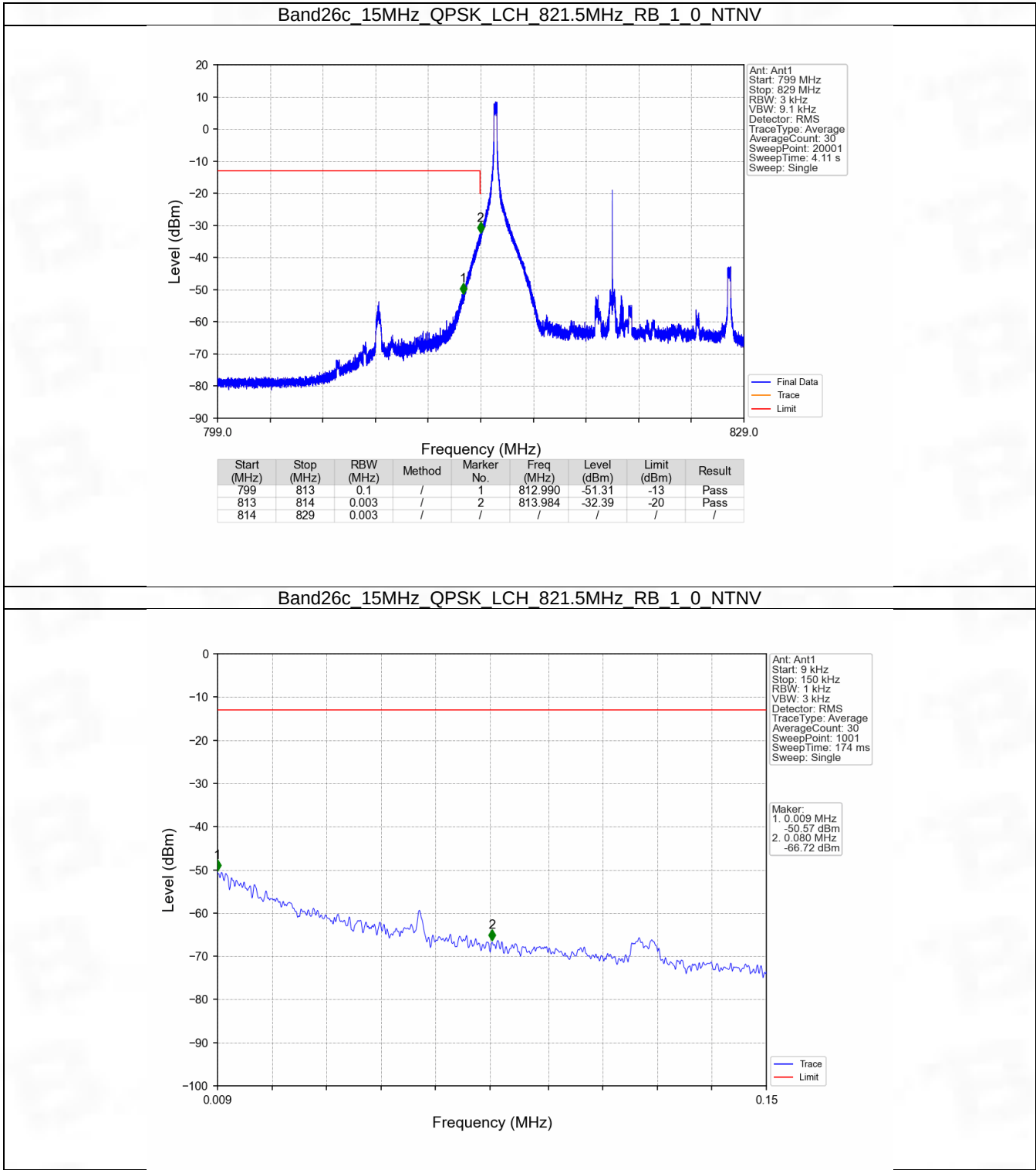
6. Spurious Emission

6.1 B26c_15MHz

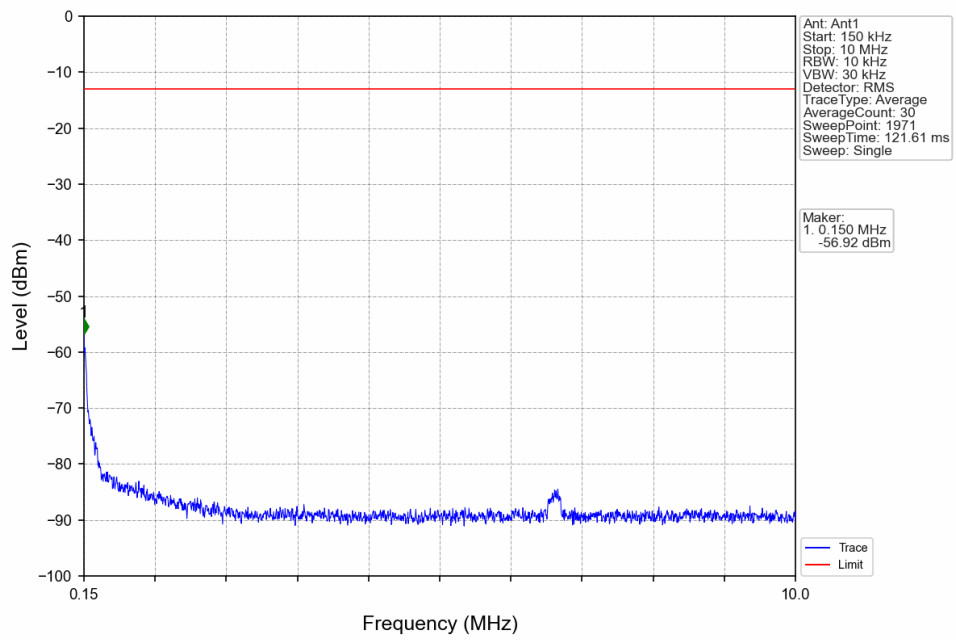
6.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	821.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	831.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
16QAM	821.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	831.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

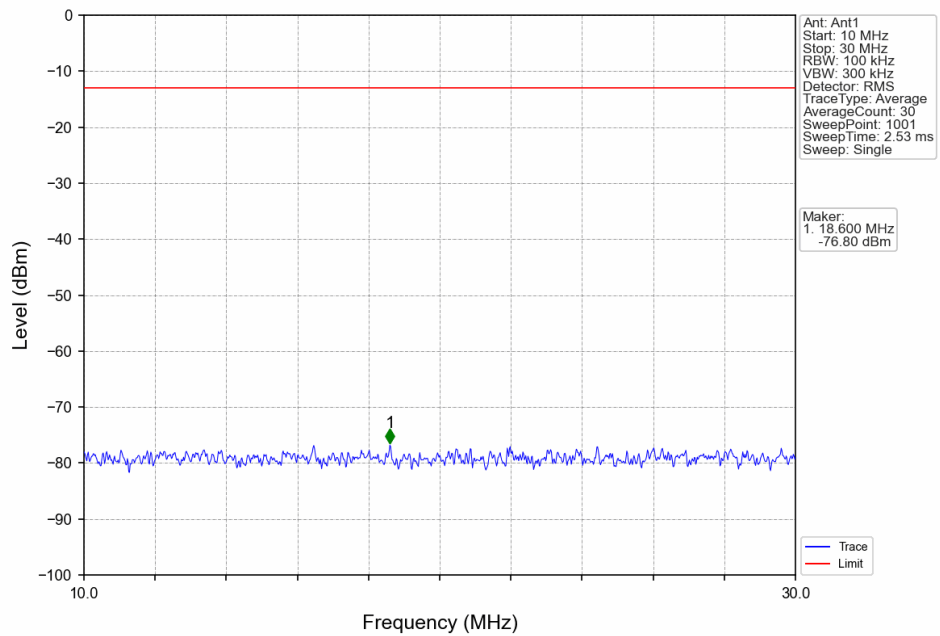
6.1.2 Test Graph



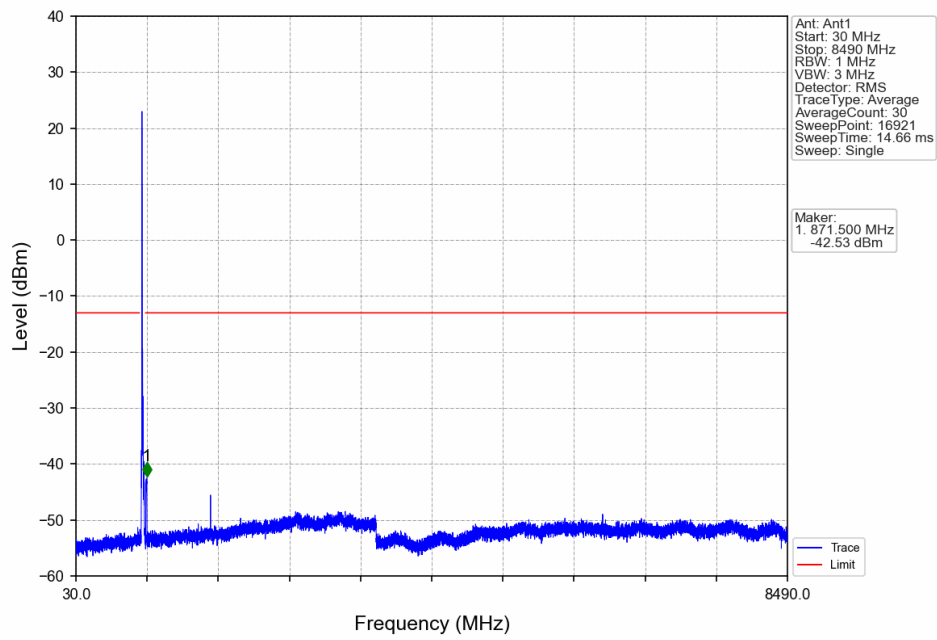
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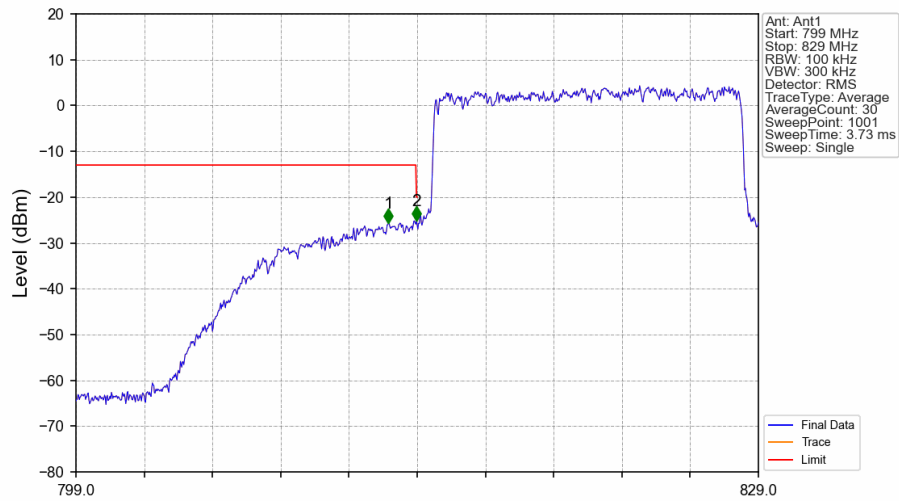
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Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

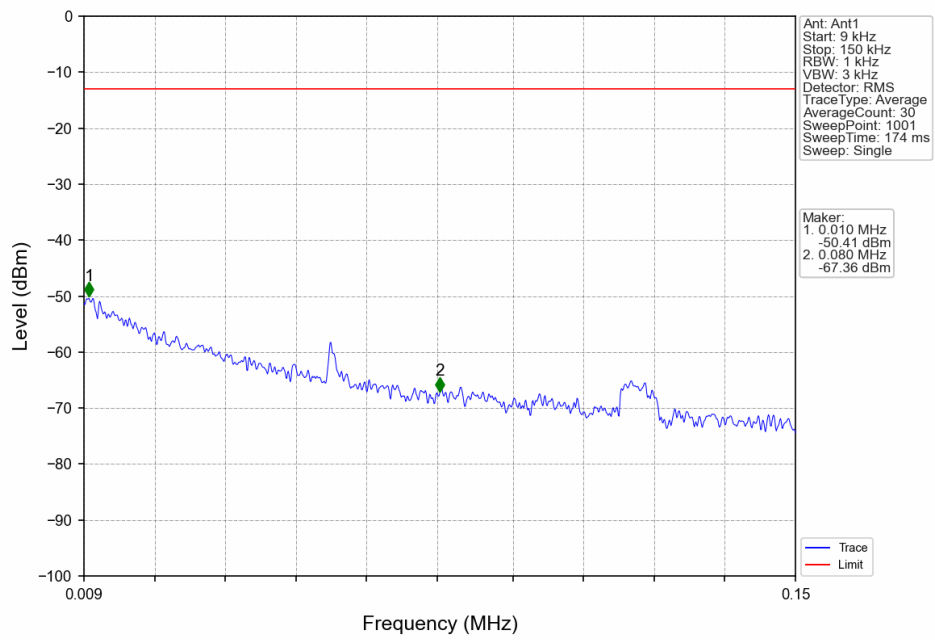


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

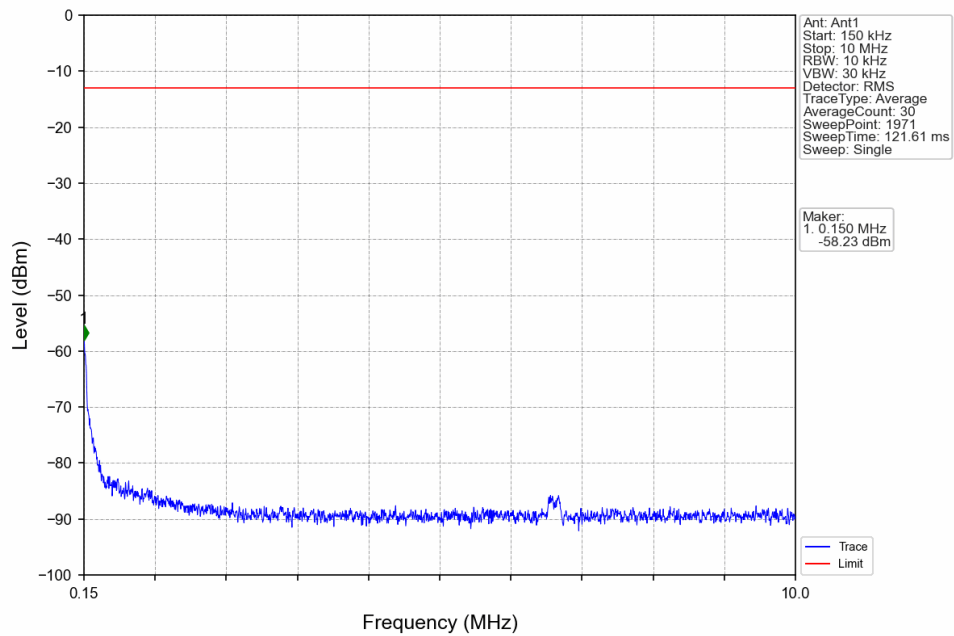


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.740	-25.67	-13	Pass
813	814	0.154	/	2	813.970	-25.20	-20	Pass
814	829	0.154	/	/	/	/	/	/

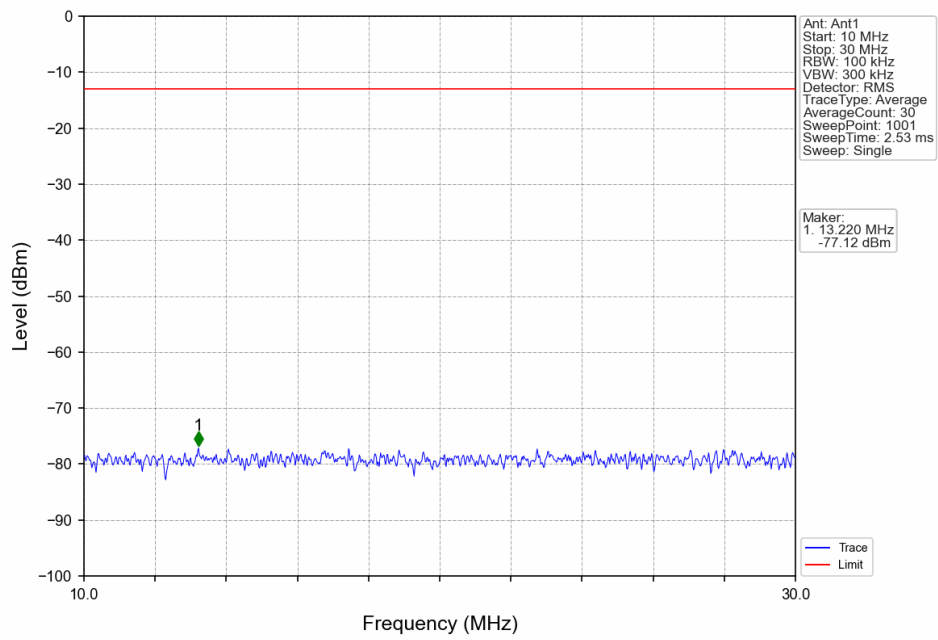
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



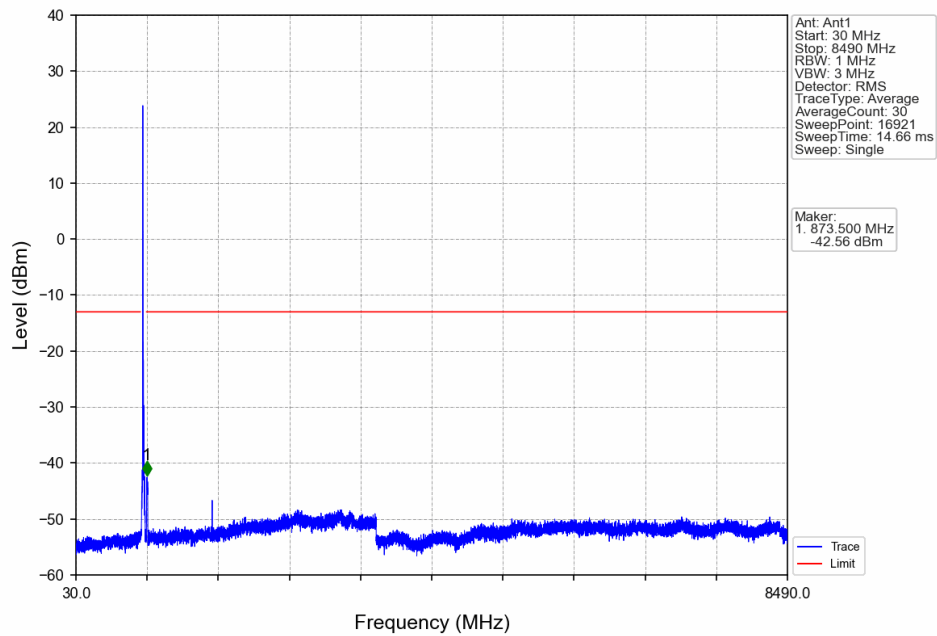
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



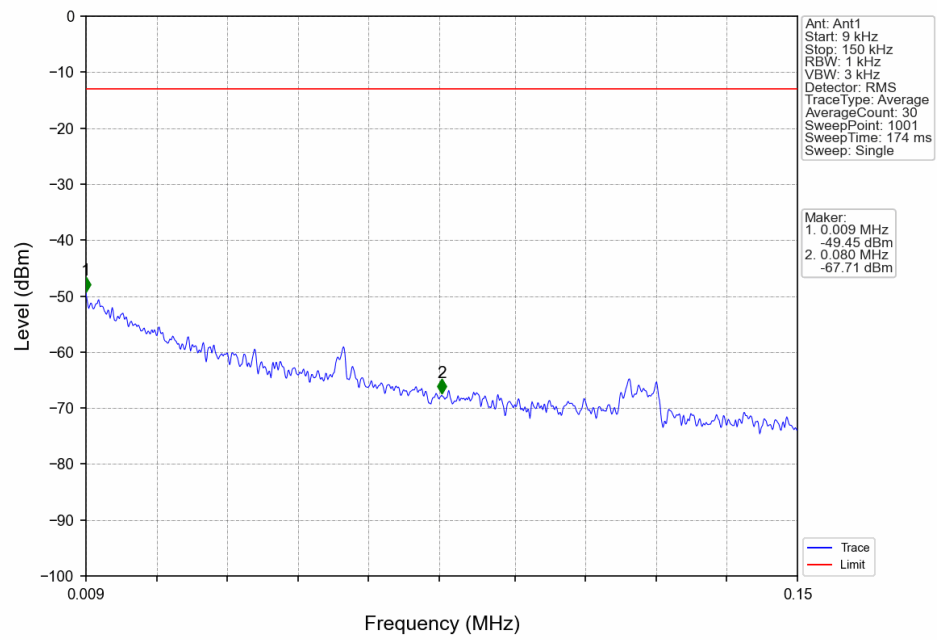
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



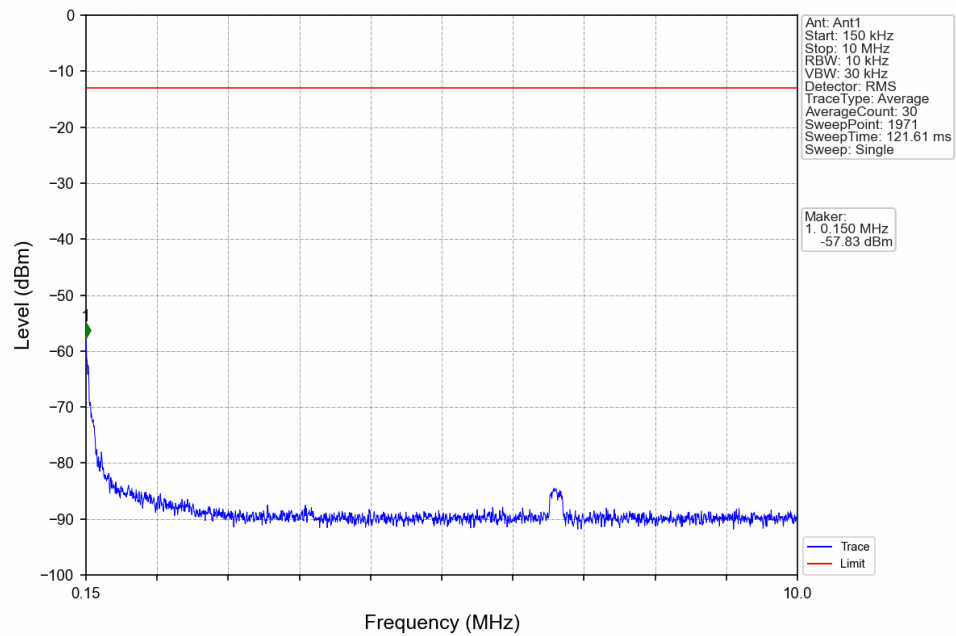
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



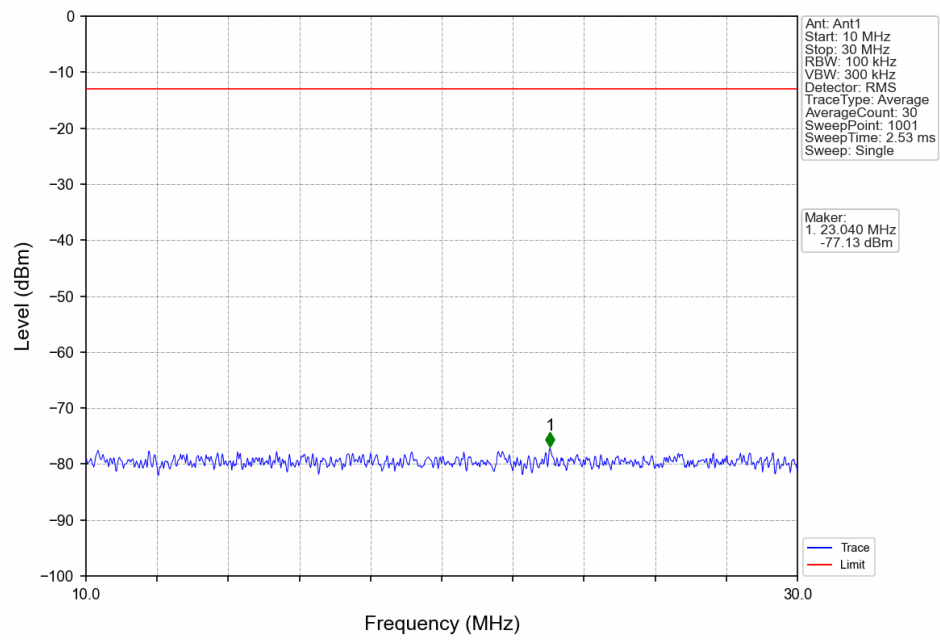
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV



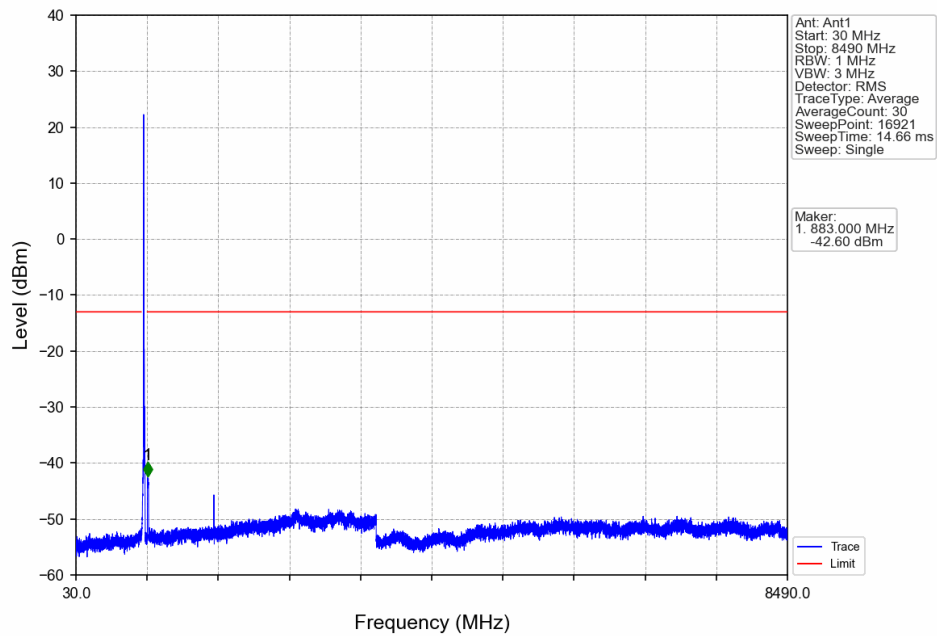
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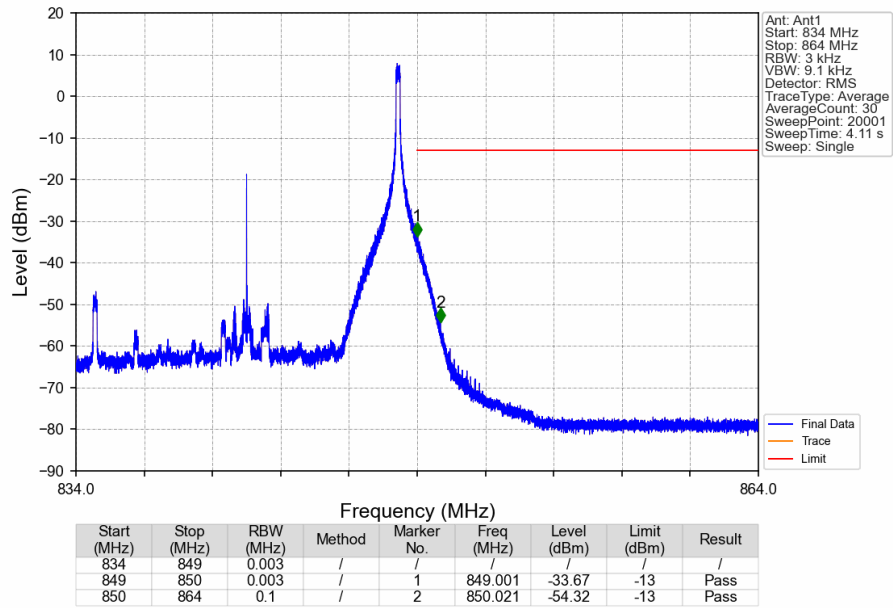
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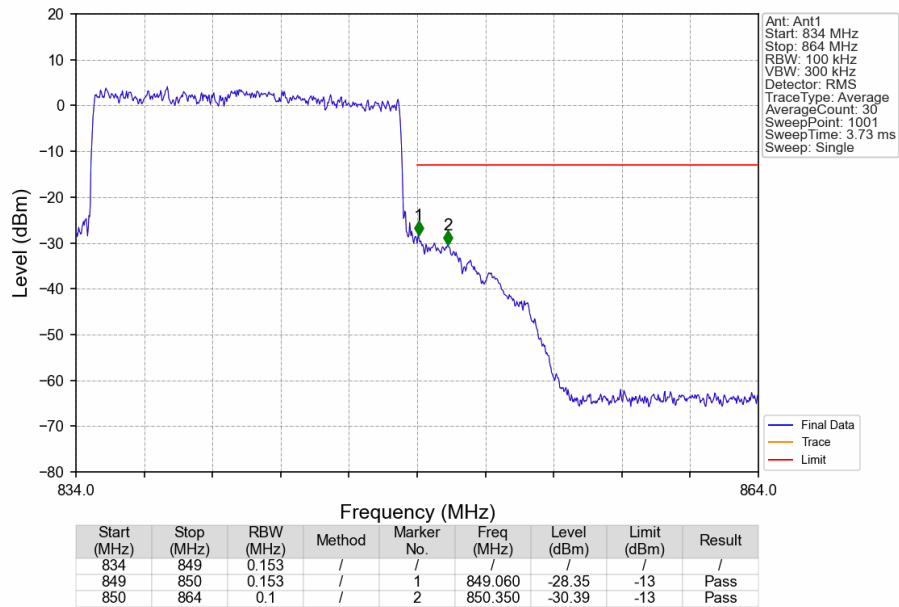
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV



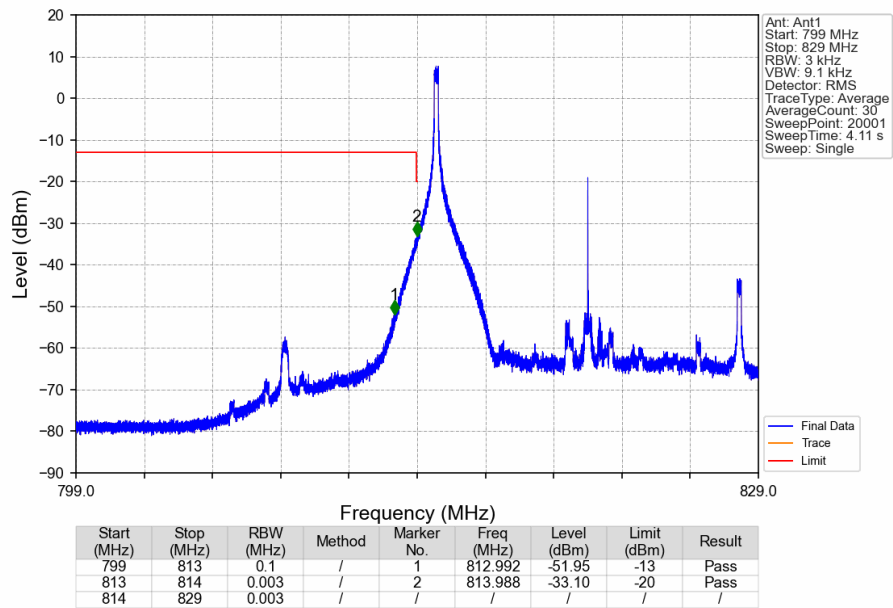
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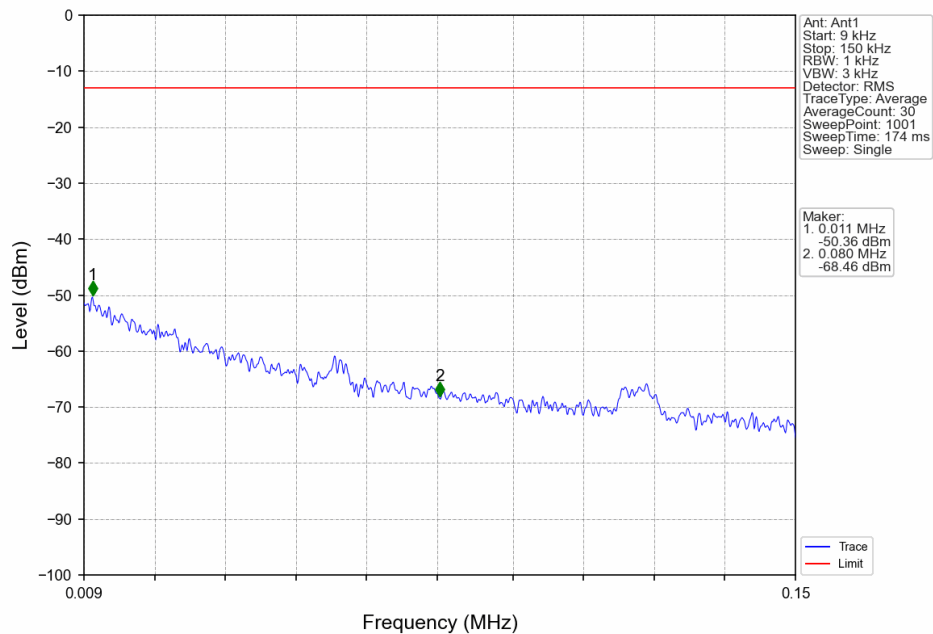
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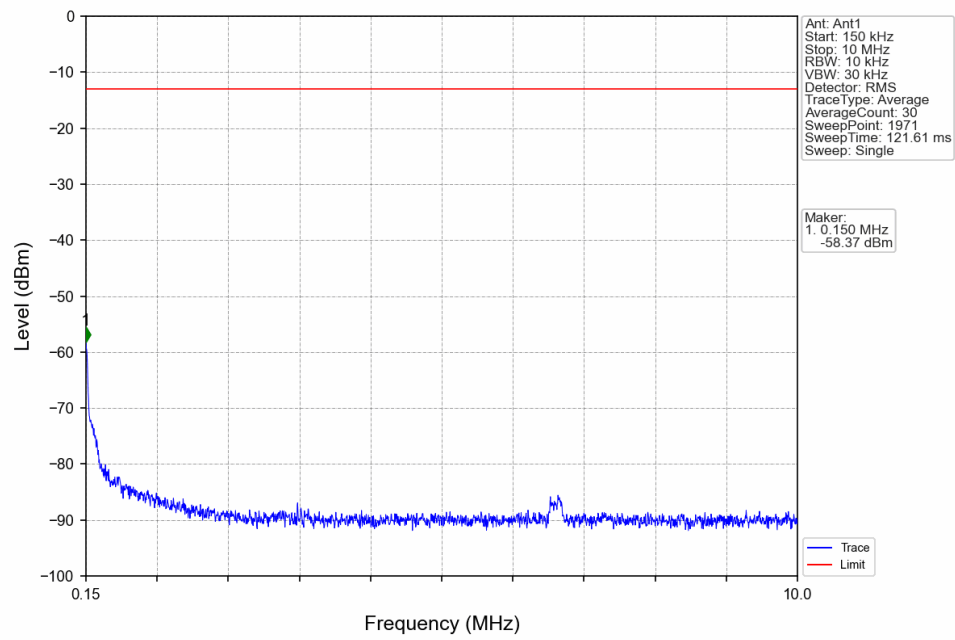
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV



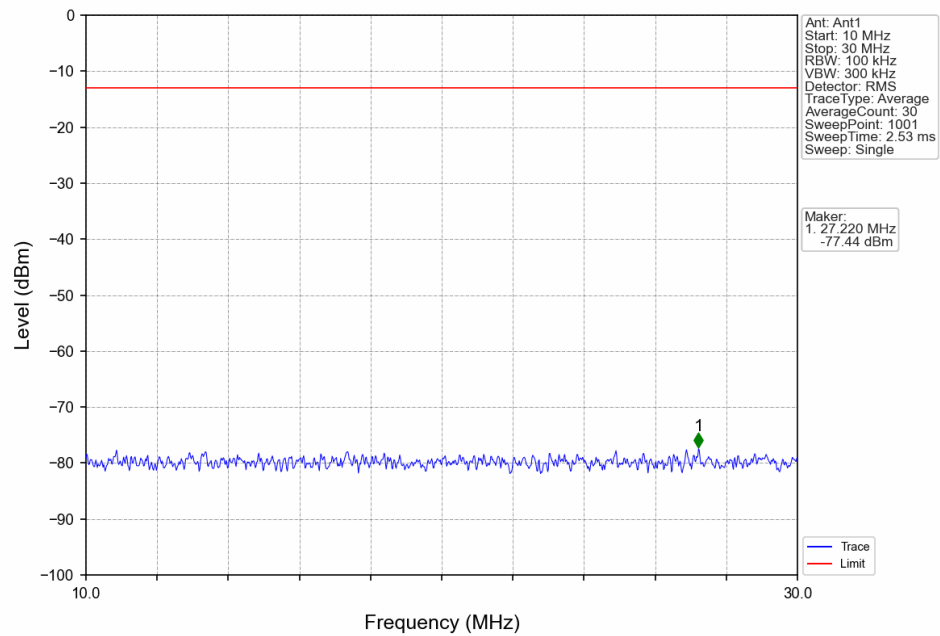
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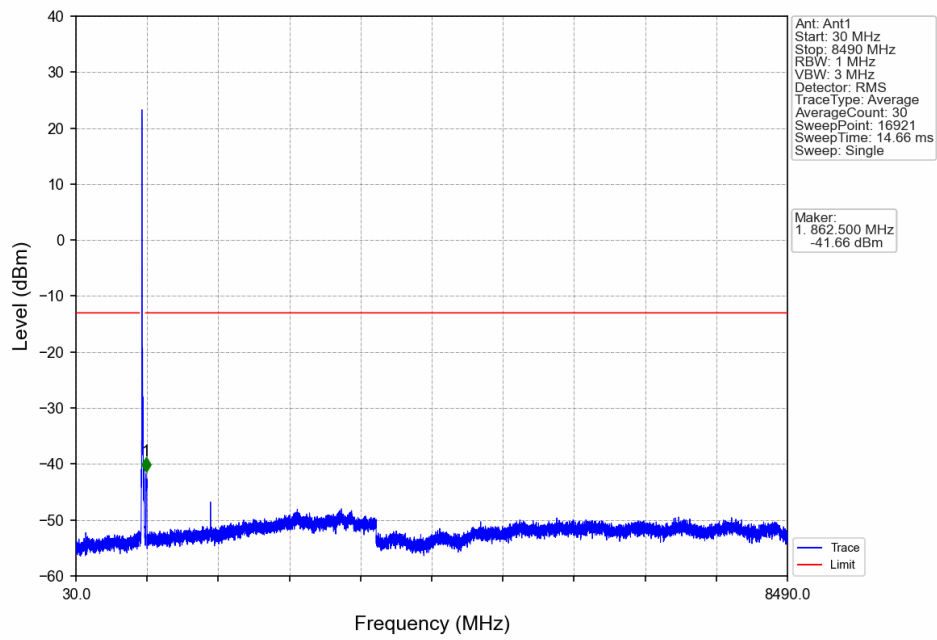
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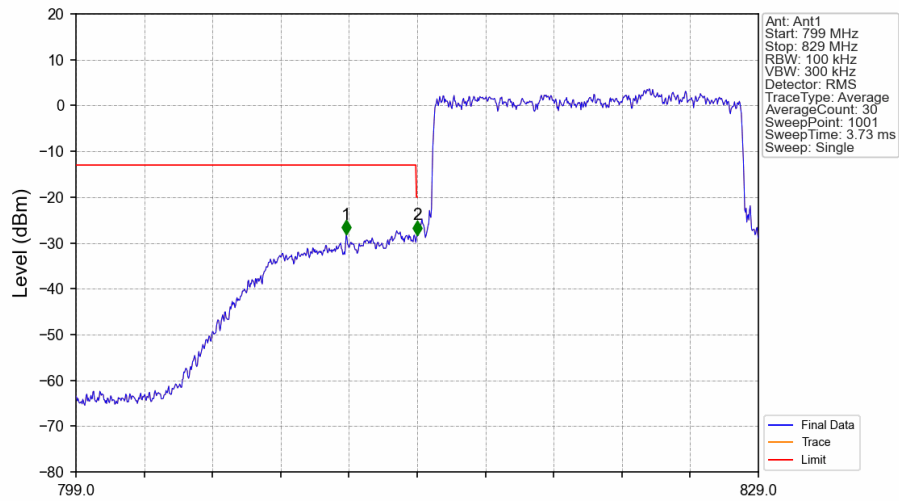
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

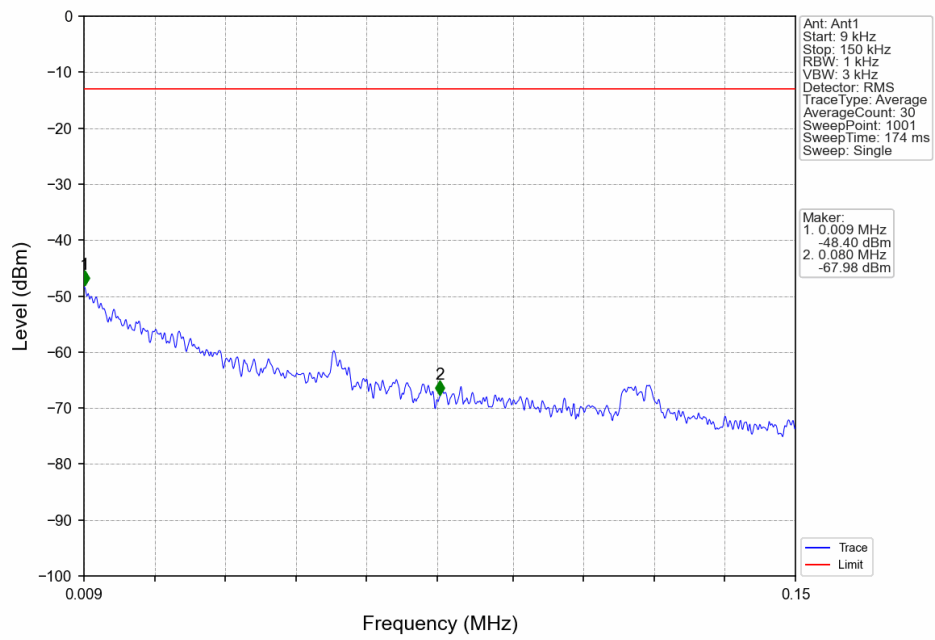


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

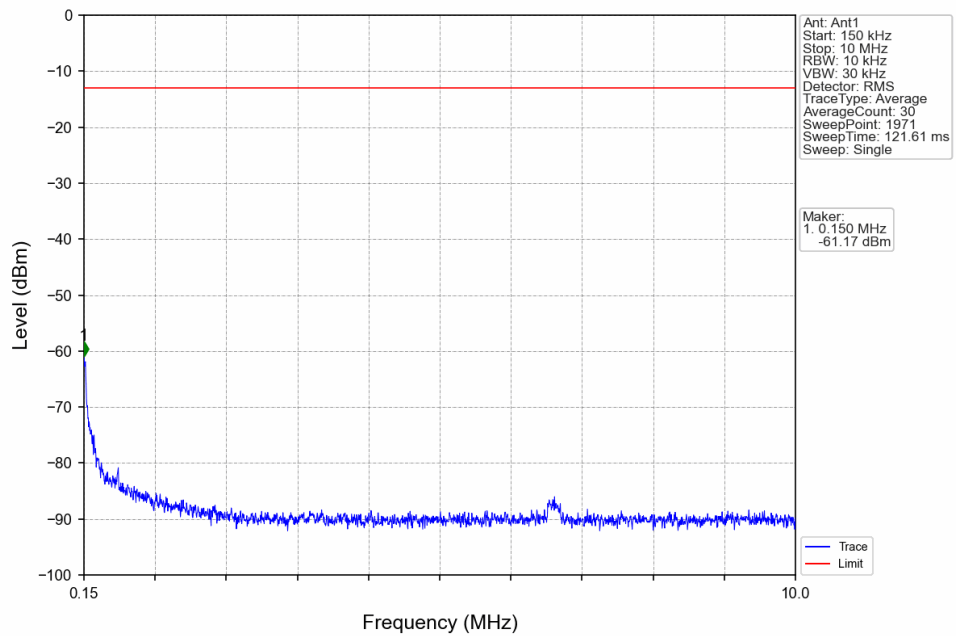


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	810.880	-28.19	-13	Pass
813	814	0.152	/	2	814.000	-28.23	-20	Pass
814	829	0.152	/	/	/	/	/	/

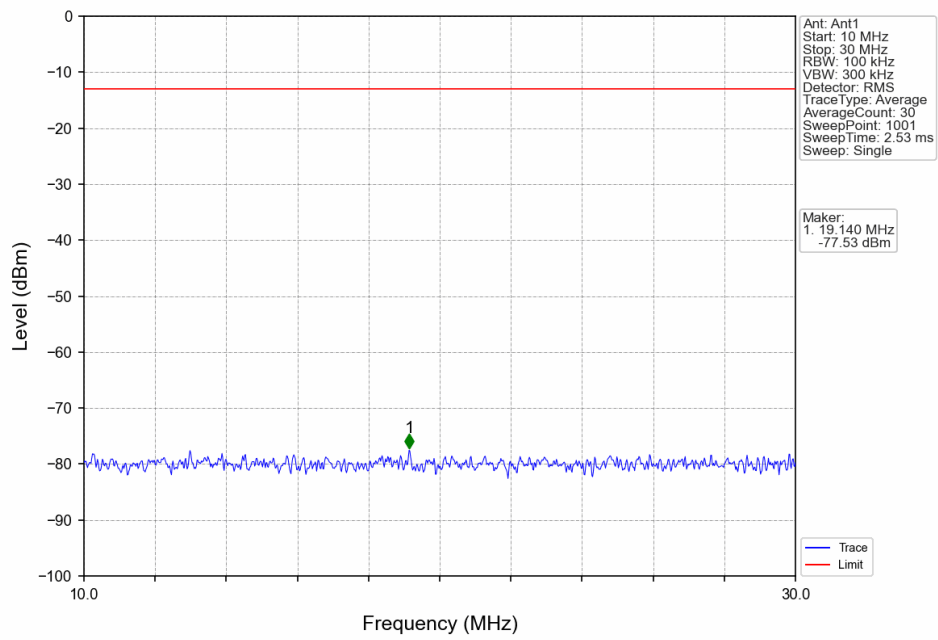
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



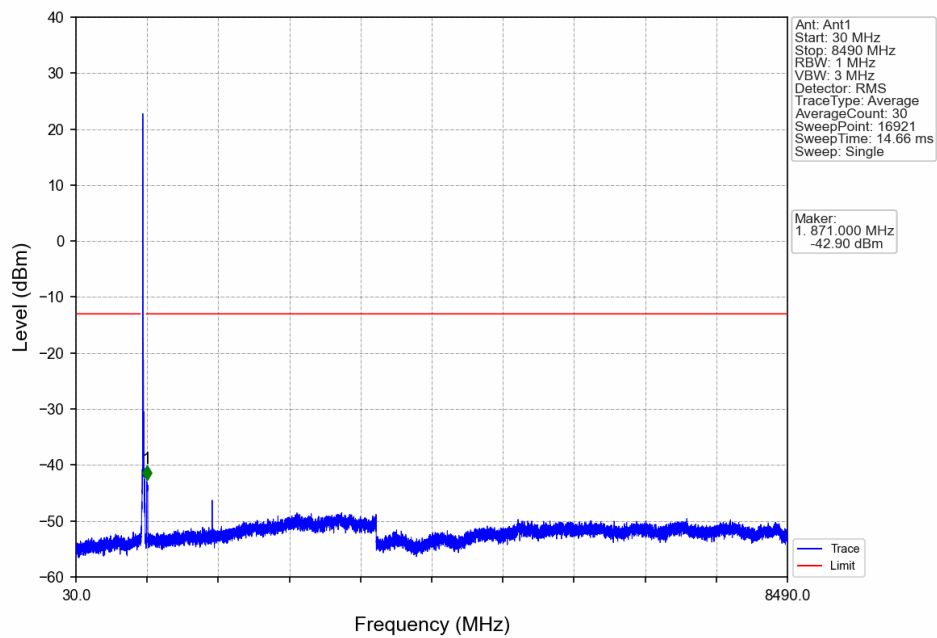
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



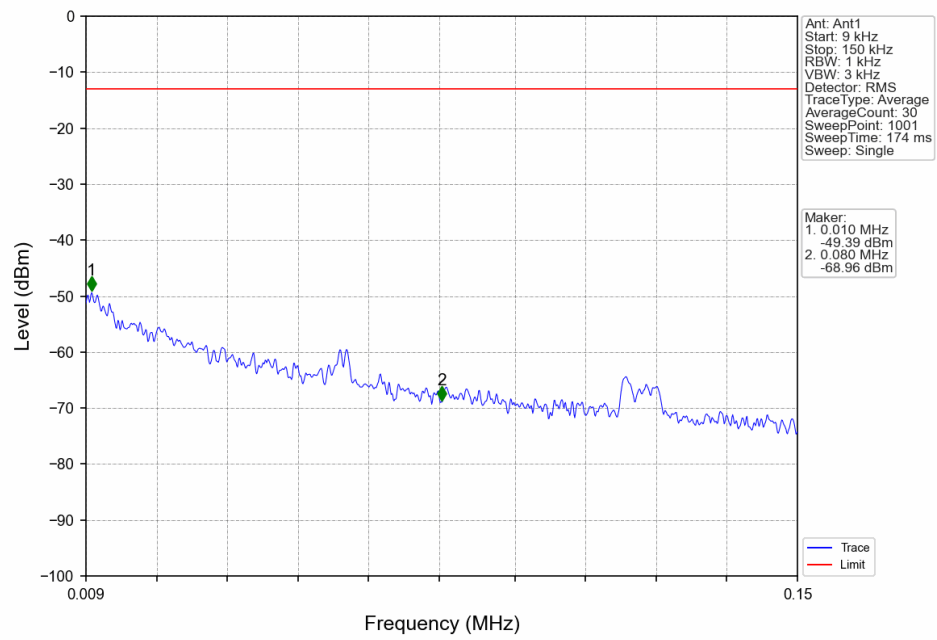
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



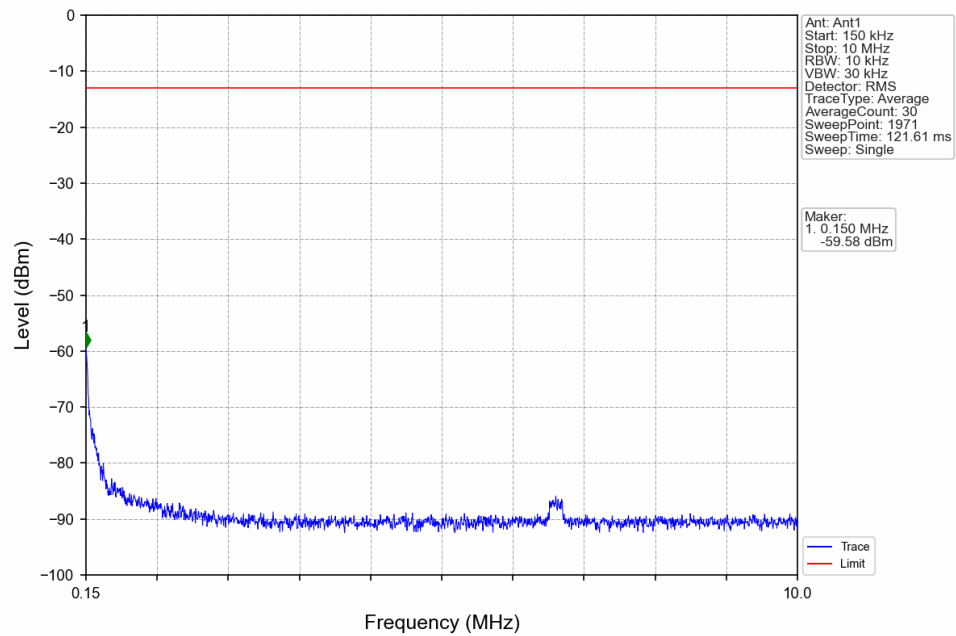
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_1_0_NTNV



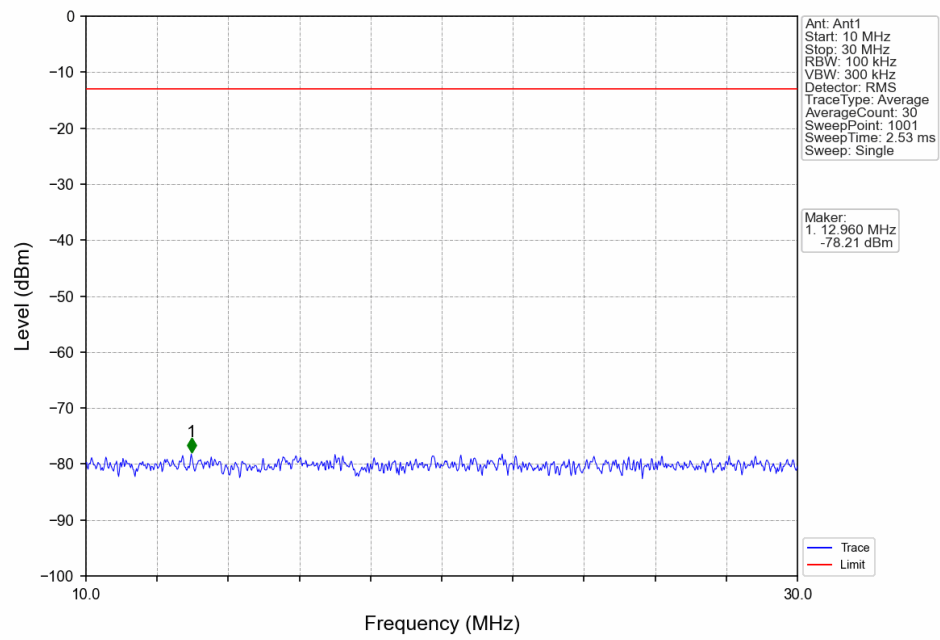
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV



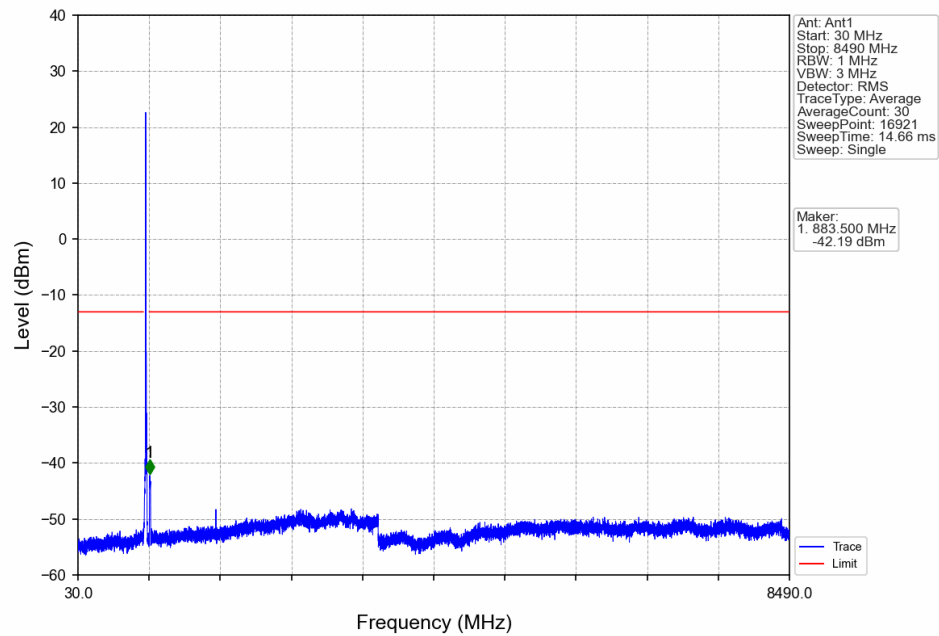
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV



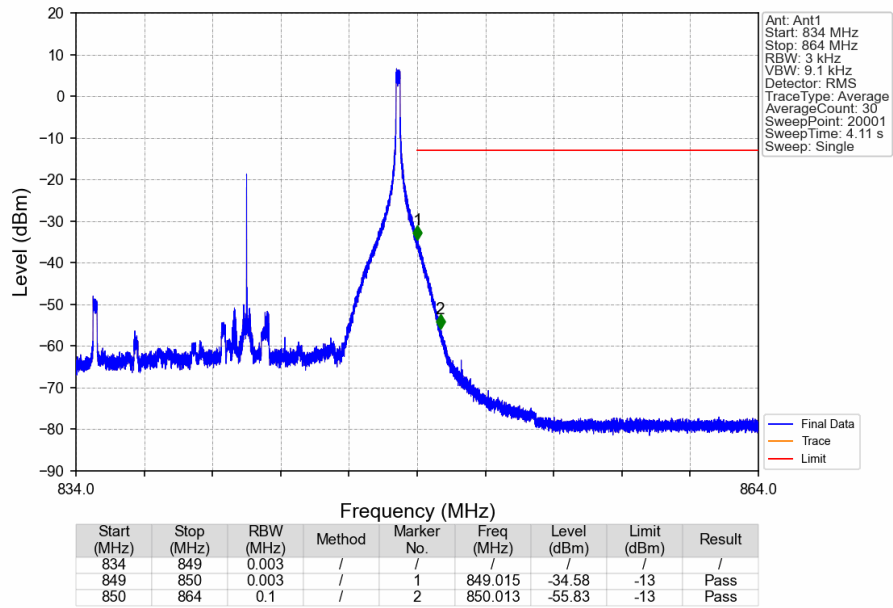
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV



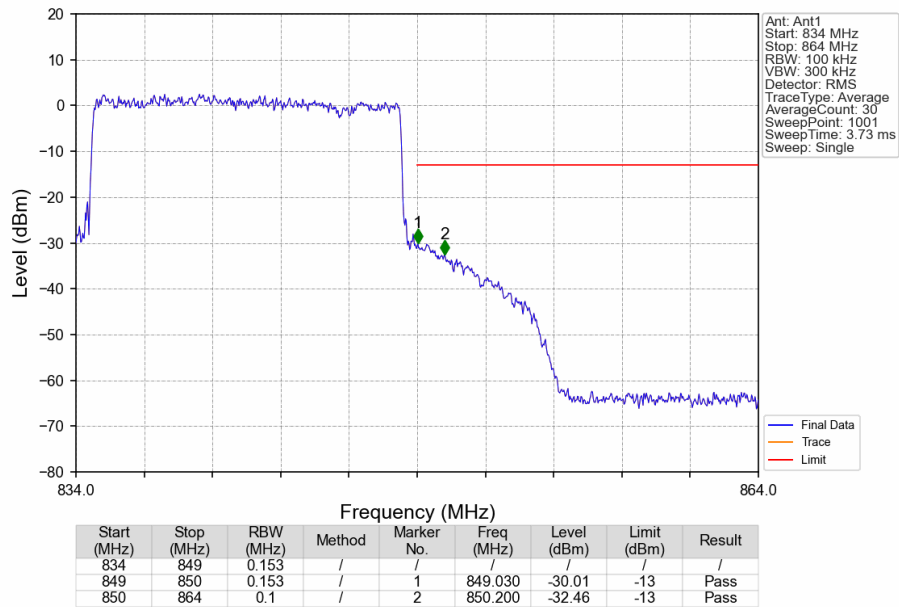
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_0_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_1_74_NTNV



Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26c	15	821.5	841.5	0.2275	0.0107	ppm	13M6G7D	/	23.57
26c	15	821.5	841.5	0.1977	0.0130	ppm	13M7W7D	/	22.96

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26c	15	821.5	841.5	0.2559	0.0107	ppm	13M6G7D	/	24.08
26c	15	821.5	841.5	0.2223	0.0130	ppm	13M7W7D	/	23.47