

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	22.77	0.48	21.10	<=38.45	Pass
			38	22.93	0.48	21.26	<=38.45	Pass
			74	22.75	0.48	21.08	<=38.45	Pass
		36	0	21.92	0.48	20.25	<=38.45	Pass
			18	21.96	0.48	20.29	<=38.45	Pass
			39	21.95	0.48	20.28	<=38.45	Pass
		75	0	21.93	0.48	20.26	<=38.45	Pass
	831.5	1	0	22.63	0.48	20.96	<=38.45	Pass
			38	22.42	0.48	20.75	<=38.45	Pass
			74	22.16	0.48	20.49	<=38.45	Pass
		36	0	21.40	0.48	19.73	<=38.45	Pass
			18	21.41	0.48	19.74	<=38.45	Pass
			39	21.31	0.48	19.64	<=38.45	Pass
	75	0	21.38	0.48	19.71	<=38.45	Pass	
	841.5	1	0	22.14	0.48	20.47	<=38.45	Pass
			38	22.32	0.48	20.65	<=38.45	Pass
			74	22.10	0.48	20.43	<=38.45	Pass
		36	0	21.36	0.48	19.69	<=38.45	Pass
			18	21.42	0.48	19.75	<=38.45	Pass
			39	21.34	0.48	19.67	<=38.45	Pass
		75	0	21.45	0.48	19.78	<=38.45	Pass
16QAM	821.5	1	0	22.20	0.48	20.53	<=38.45	Pass
			38	22.25	0.48	20.58	<=38.45	Pass
			74	21.89	0.48	20.22	<=38.45	Pass
		36	0	20.75	0.48	19.08	<=38.45	Pass
			18	20.73	0.48	19.06	<=38.45	Pass
			39	20.63	0.48	18.96	<=38.45	Pass
		75	0	20.58	0.48	18.91	<=38.45	Pass
	831.5	1	0	21.55	0.48	19.88	<=38.45	Pass
			38	21.71	0.48	20.04	<=38.45	Pass
			74	21.61	0.48	19.94	<=38.45	Pass
		36	0	20.31	0.48	18.64	<=38.45	Pass
			18	20.39	0.48	18.72	<=38.45	Pass
			39	20.29	0.48	18.62	<=38.45	Pass
	75	0	20.31	0.48	18.64	<=38.45	Pass	
	841.5	1	0	21.35	0.48	19.68	<=38.45	Pass
			38	21.47	0.48	19.80	<=38.45	Pass
			74	21.32	0.48	19.65	<=38.45	Pass
		36	0	20.39	0.48	18.72	<=38.45	Pass
			18	20.39	0.48	18.72	<=38.45	Pass
			39	20.33	0.48	18.66	<=38.45	Pass
		75	0	20.40	0.48	18.73	<=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	-6.108	-0.0074	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-6.709	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-4.134	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-3.276	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-6.323	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0048	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-4.492	-0.0054	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-1.960	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-4.878	-0.0058	-2.5 to 2.5	Pass
					3.85	-8.354	-0.0099	-2.5 to 2.5	Pass
					4.43	-10.128	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-5.851	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-6.351	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.452	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-7.038	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-7.424	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.809	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0043	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-4.807	-0.0059	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0066	-2.5 to 2.5	Pass
					4.43	-7.625	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-10.042	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-6.680	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-5.121	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-6.466	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-5.965	-0.0073	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-2.818	-0.0034	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0091	-2.5 to 2.5	Pass
					4.43	-6.695	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-4.134	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-3.204	-0.0039	-2.5 to 2.5	Pass

				-10	3.85	-3.777	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-5.808	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-4.764	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0045	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-6.051	-0.0072	-2.5 to 2.5	Pass
					3.85	-6.008	-0.0071	-2.5 to 2.5	Pass
					4.43	-7.110	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-7.939	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-6.766	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-6.309	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-8.640	-0.0103	-2.5 to 2.5	Pass

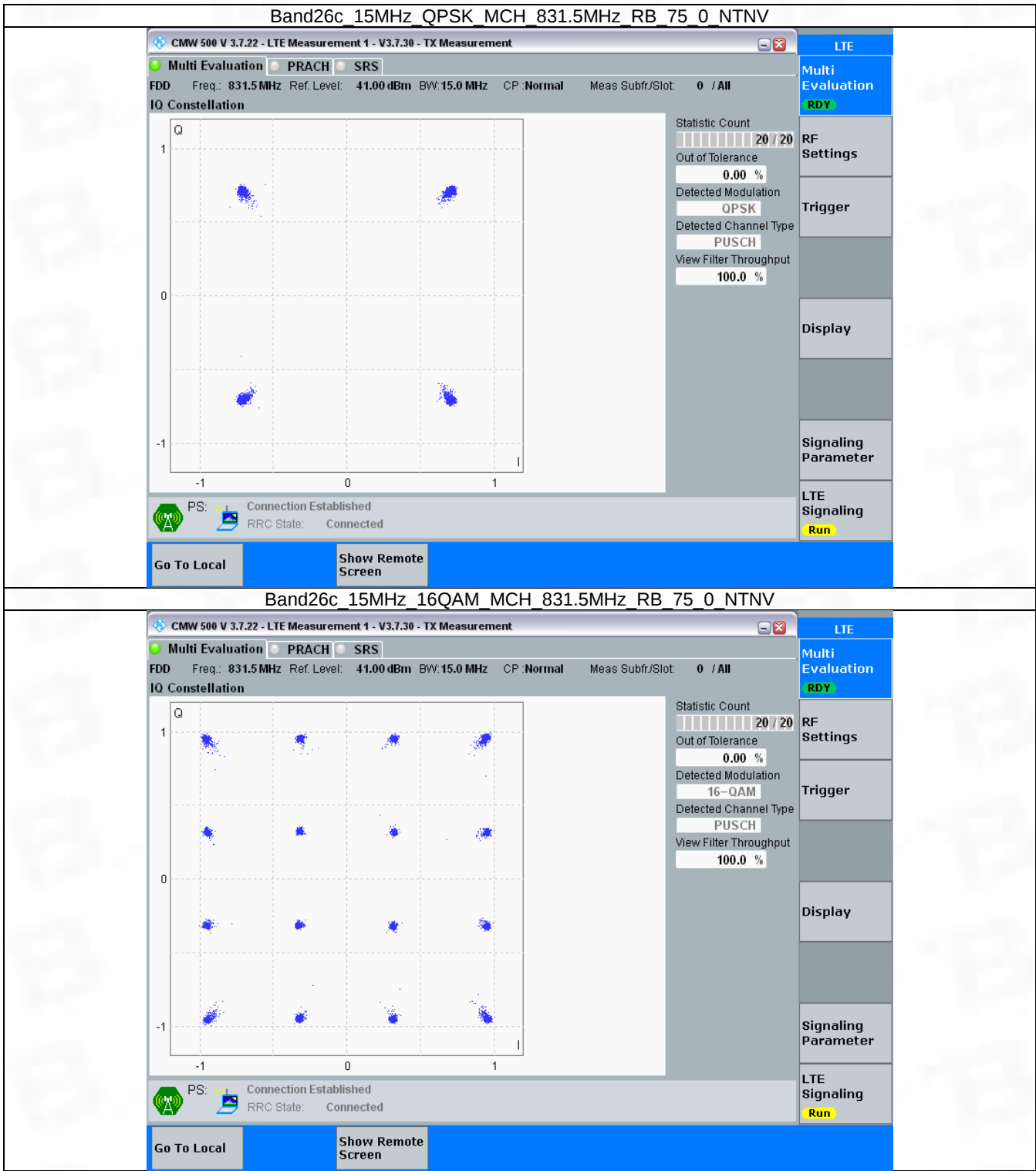
3. Modulation Characteristics

3.1 B26c_15MHz

3.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTV						
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



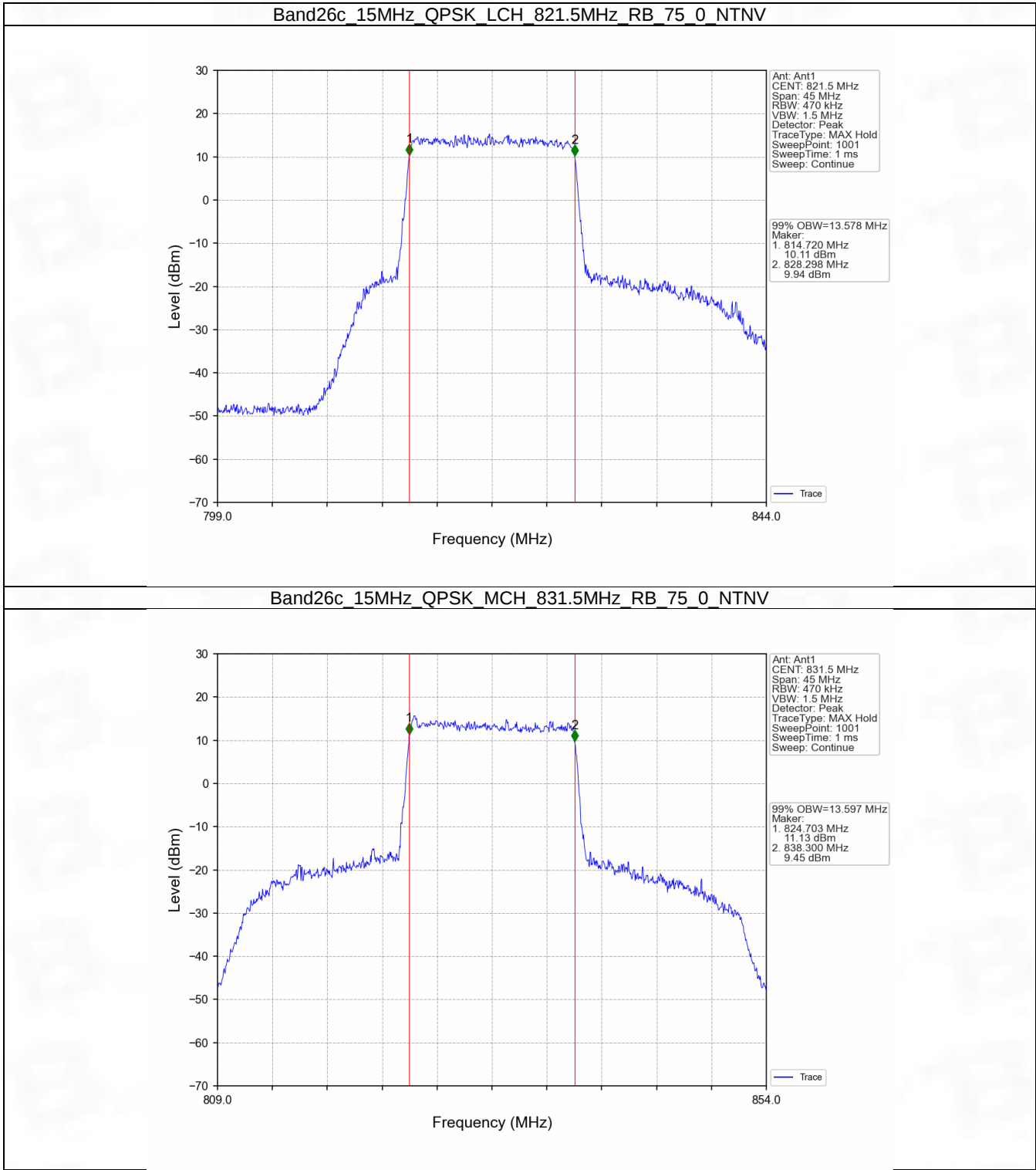
4. 99% & 26dB Bandwidth

4.1 Band26c_OBW

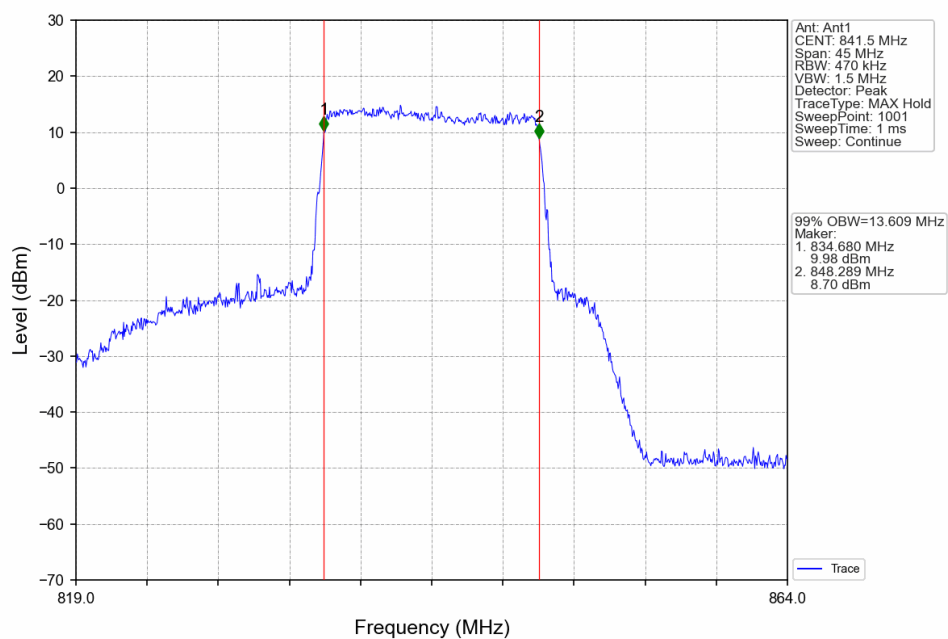
4.1.1 Test Result

Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.578	/	Pass
		831.5	75	0	13.597	/	Pass
		841.5	75	0	13.609	/	Pass
	16QAM	821.5	75	0	13.606	/	Pass
		831.5	75	0	13.610	/	Pass
		841.5	75	0	13.568	/	Pass

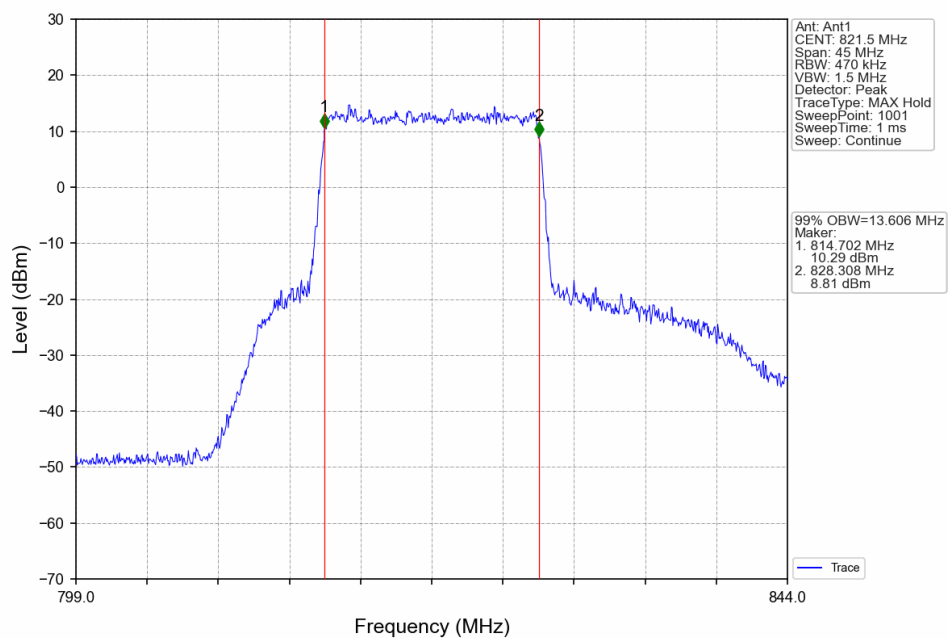
4.1.2 Test Graph



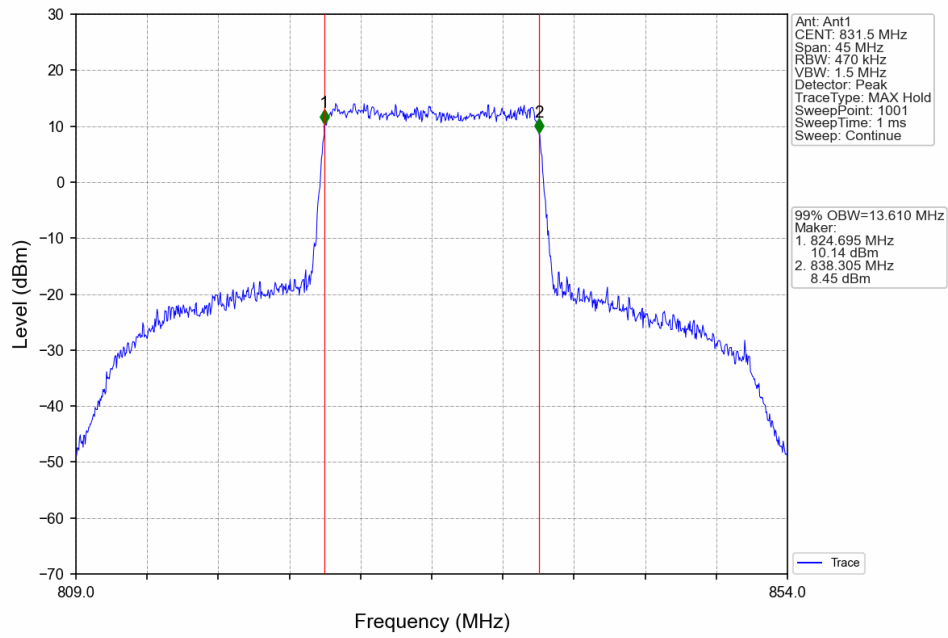
Band26c 15MHz QPSK HCH 841.5MHz RB 75 0 NTNV



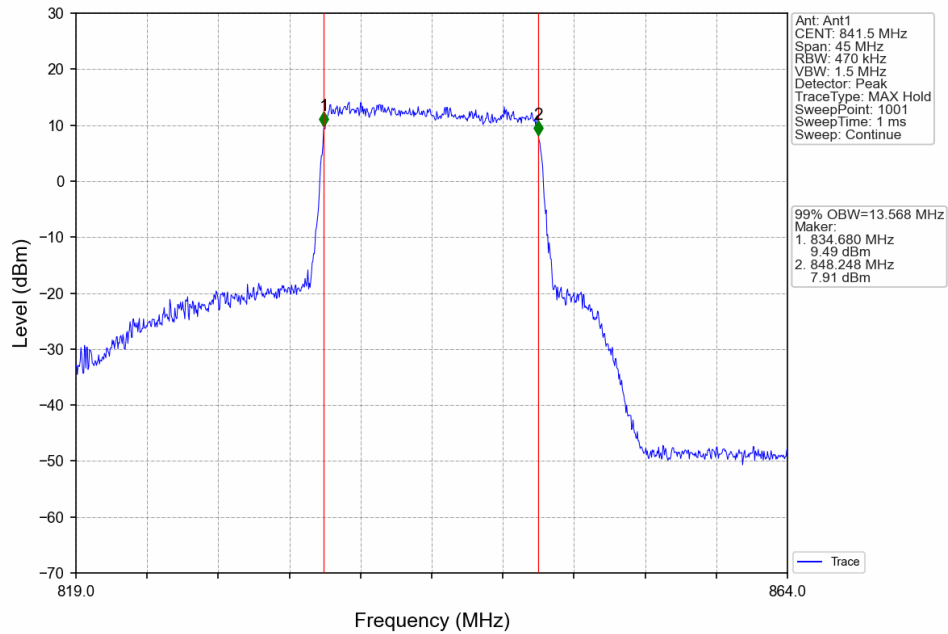
Band26c 15MHz 16QAM LCH 821.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM MCH 831.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM HCH 841.5MHz RB 75 0 NTNV

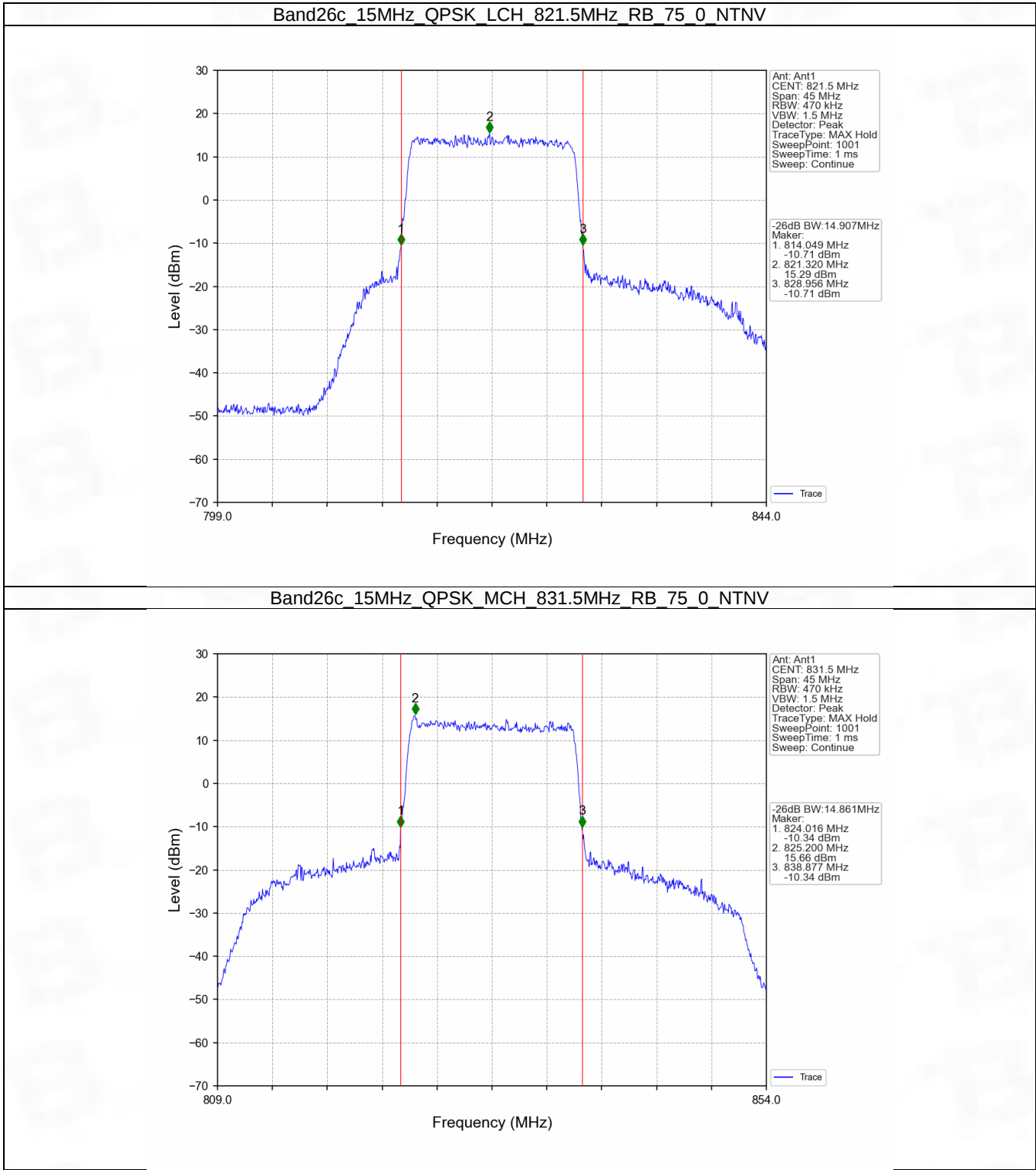


4.2 Band26c_XDB

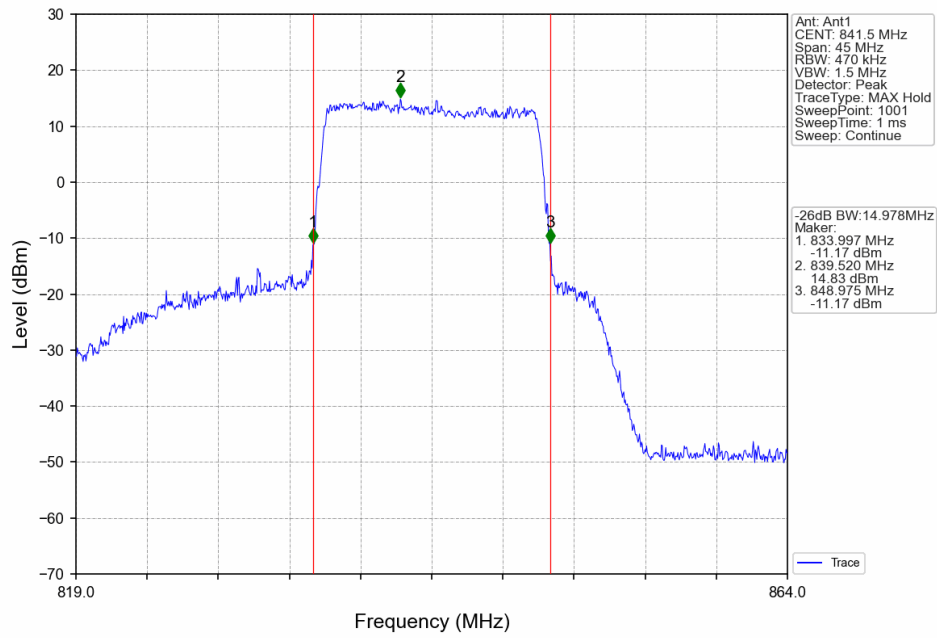
4.2.1 Test Result

Band: 26c / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	14.907	/	Pass
		831.5	75	0	14.861	/	Pass
		841.5	75	0	14.978	/	Pass
	16QAM	821.5	75	0	14.879	/	Pass
		831.5	75	0	14.906	/	Pass
		841.5	75	0	14.855	/	Pass

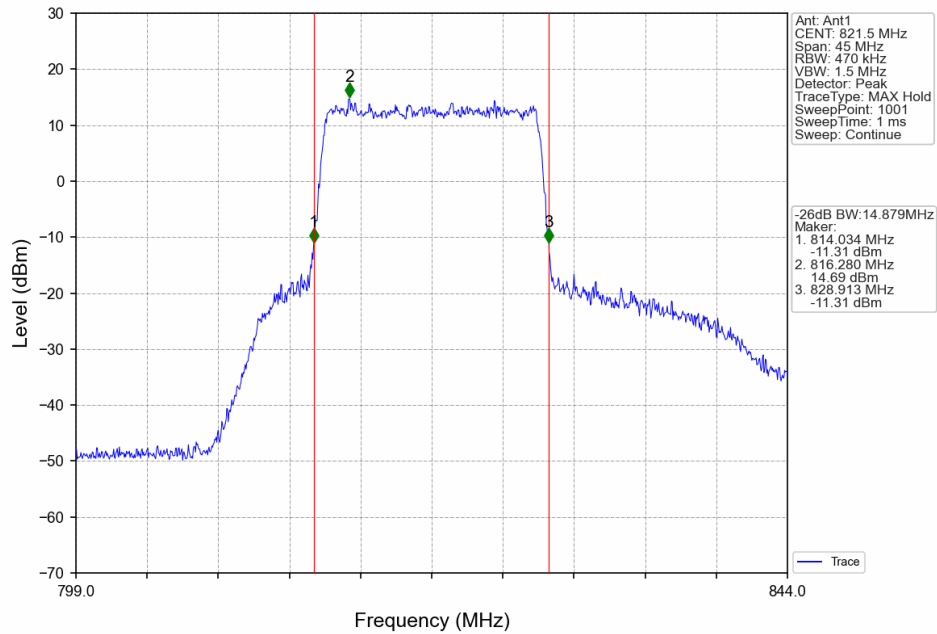
4.2.2 Test Graph



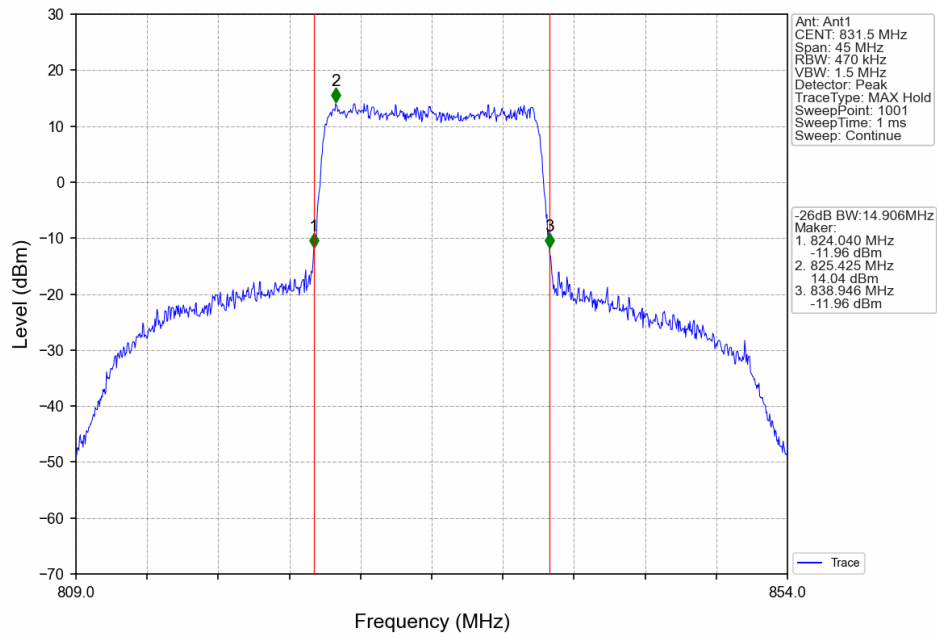
Band26c 15MHz QPSK HCH 841.5MHz RB 75 0 NTNV



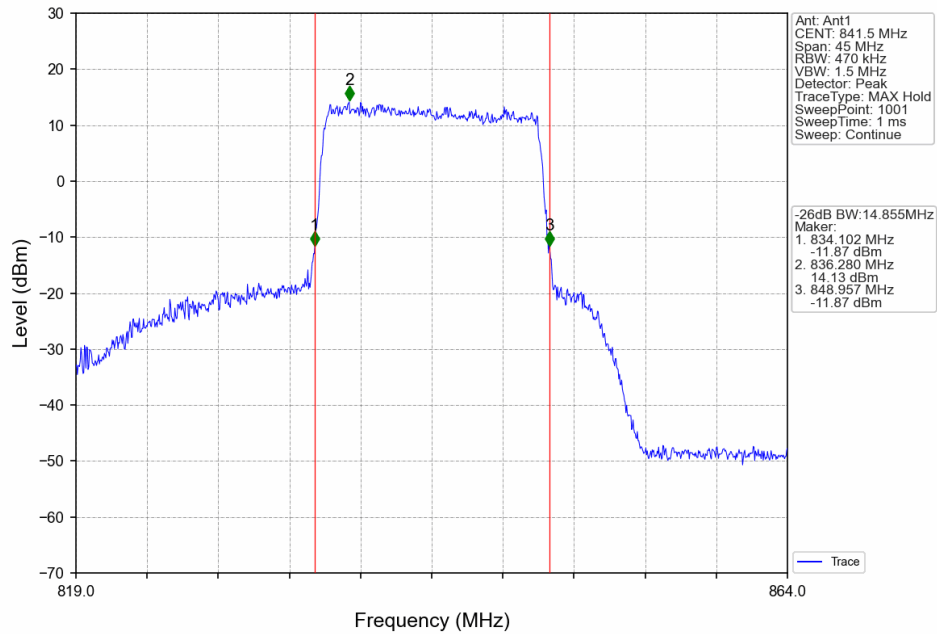
Band26c 15MHz 16QAM LCH 821.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM MCH 831.5MHz RB 75 0 NTNv



Band26c 15MHz 16QAM HCH 841.5MHz RB 75 0 NTNv



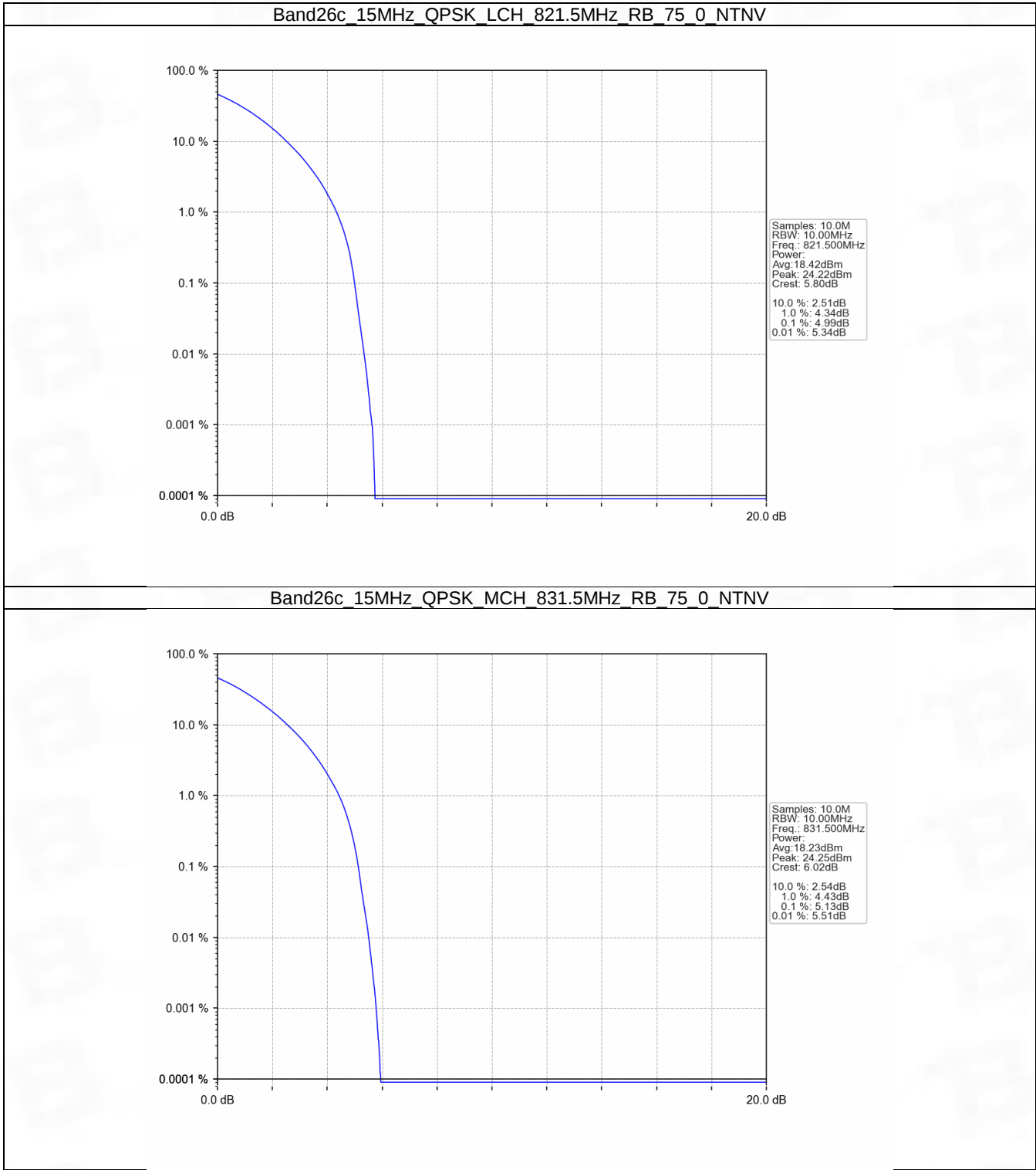
5. Peak-Average Ratio

5.1 B26c_15MHz

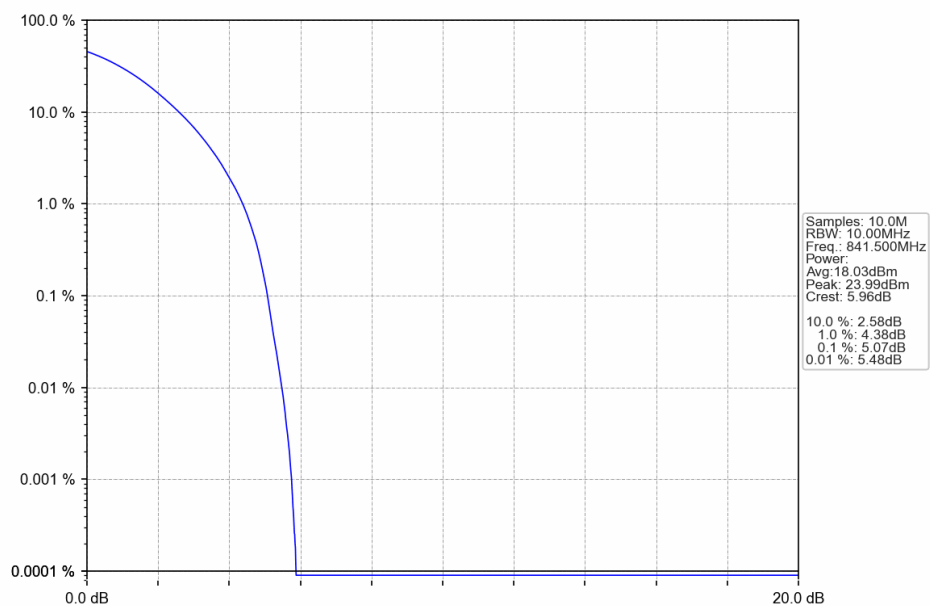
5.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.99	<=13	Pass
	831.5	75	0	5.13	<=13	Pass
	841.5	75	0	5.07	<=13	Pass
16QAM	821.5	75	0	5.86	<=13	Pass
	831.5	75	0	5.92	<=13	Pass
	841.5	75	0	5.90	<=13	Pass

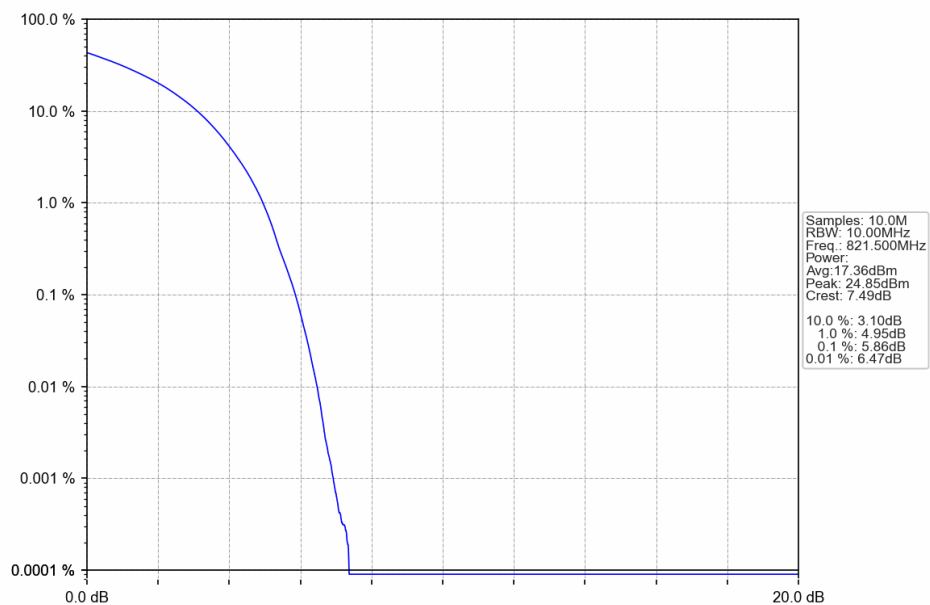
5.1.2 Test Graph



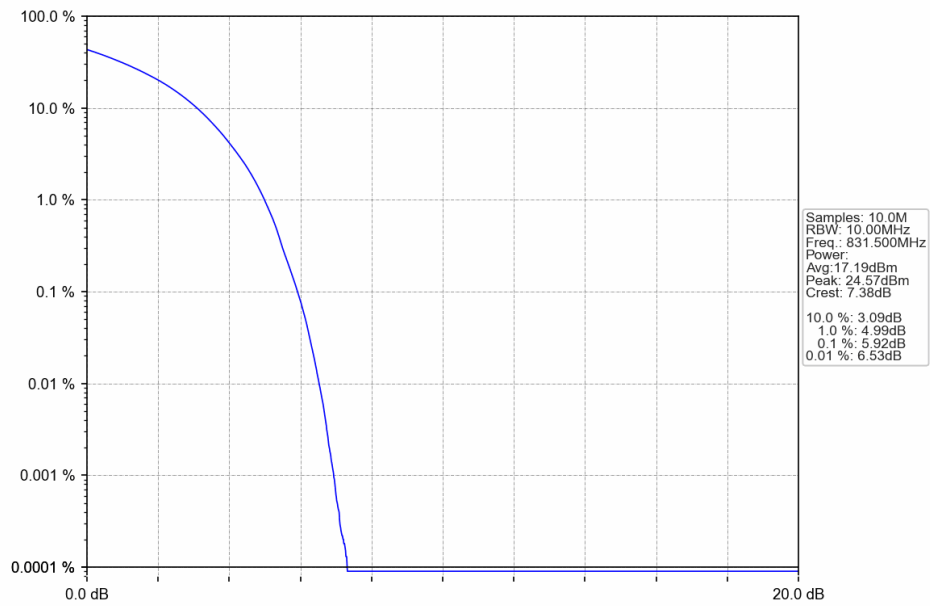
Band26c 15MHz QPSK HCH 841.5MHz RB 75 0 NTNV



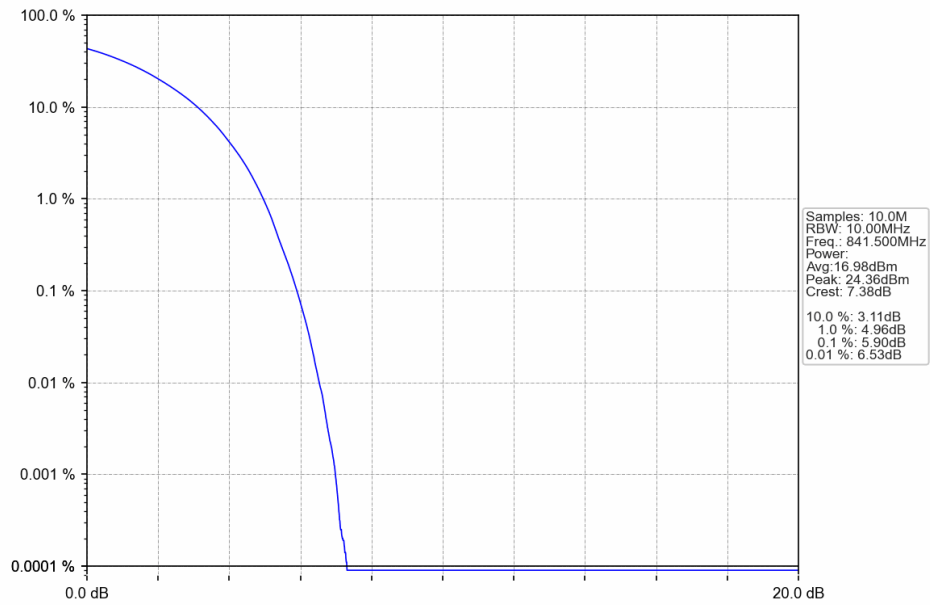
Band26c 15MHz 16QAM LCH 821.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM MCH 831.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM HCH 841.5MHz RB 75 0 NTNV



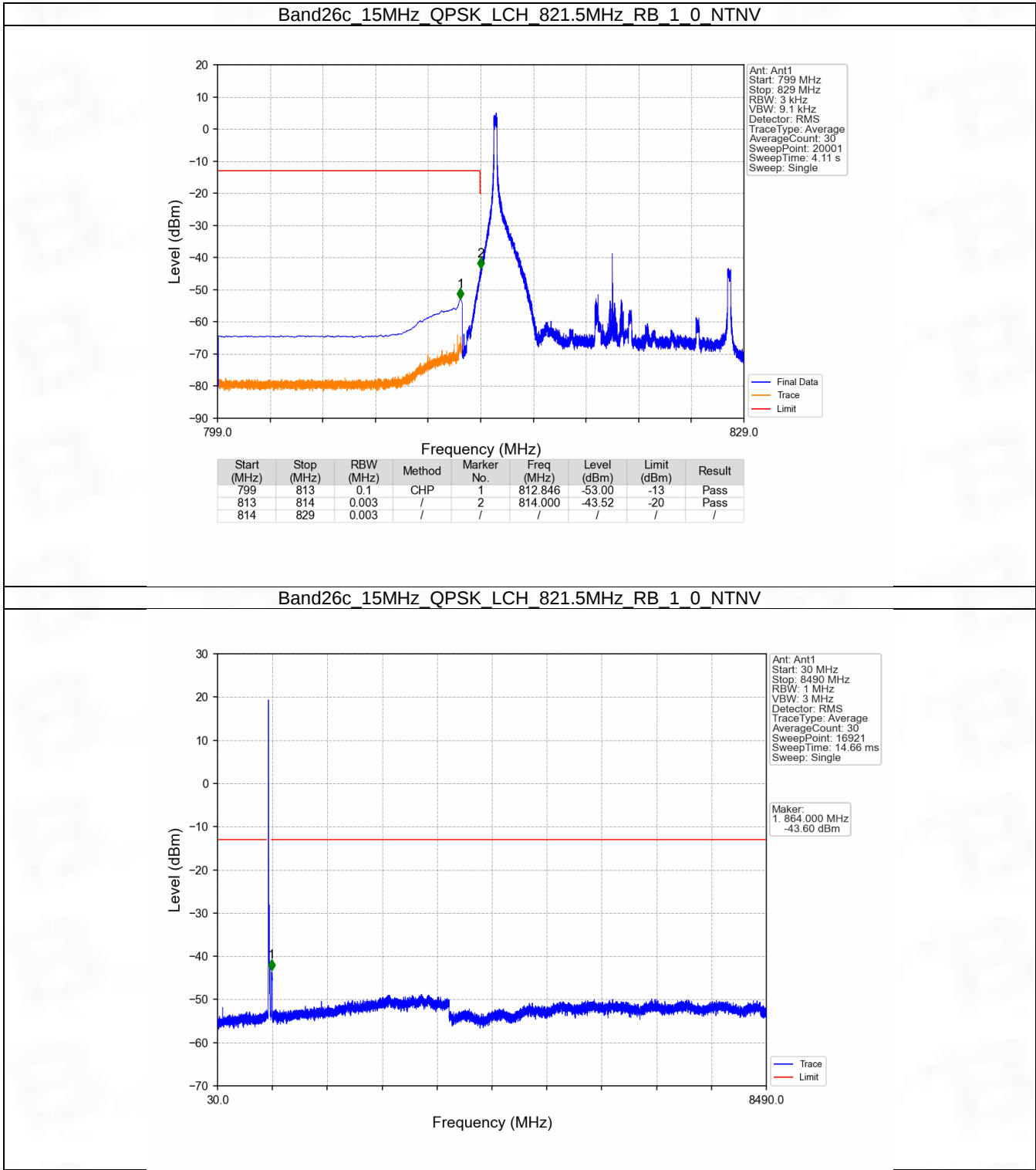
6. Spurious Emission

6.1 B26c_15MHz

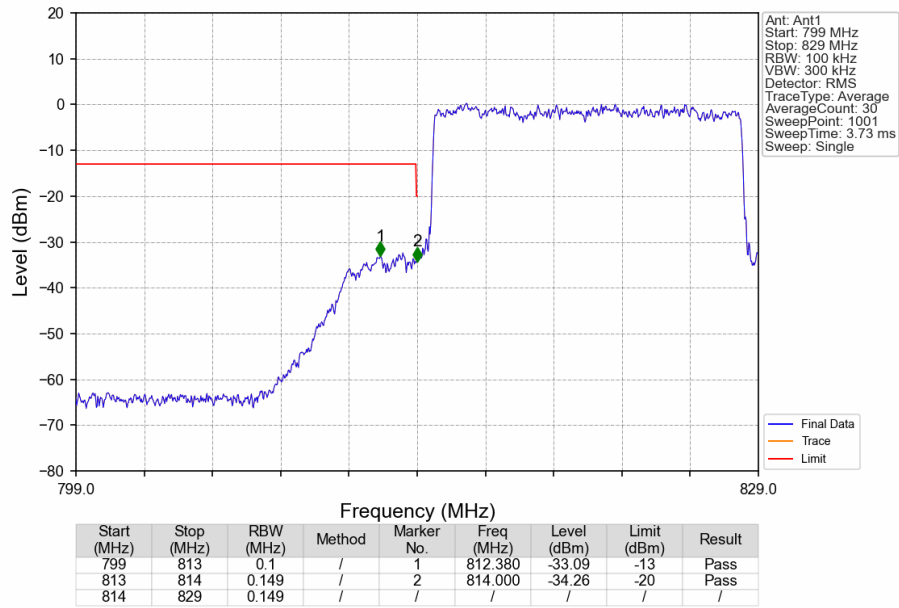
6.1.1 Test Result

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
			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
			0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

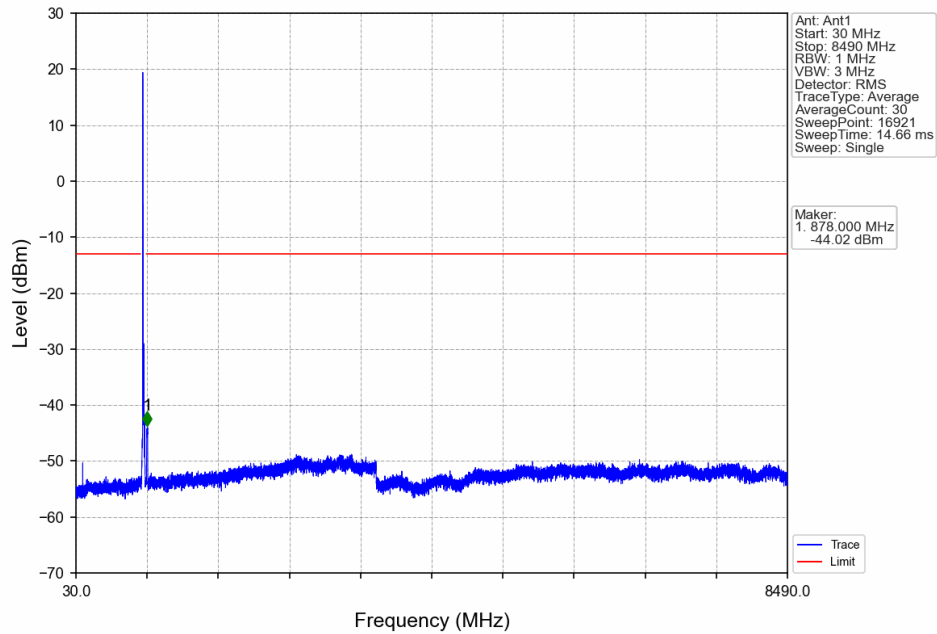
6.1.2 Test Graph



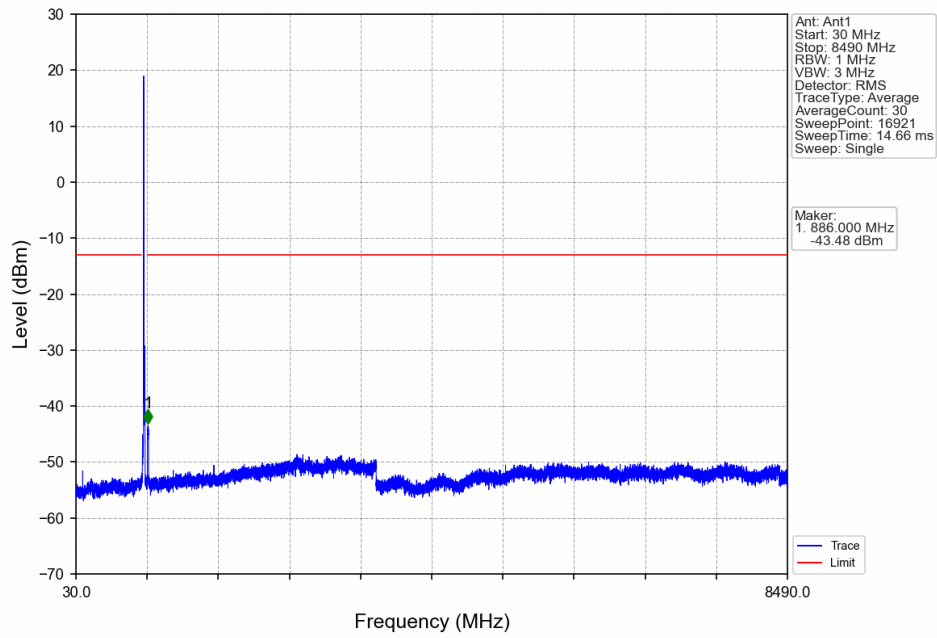
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



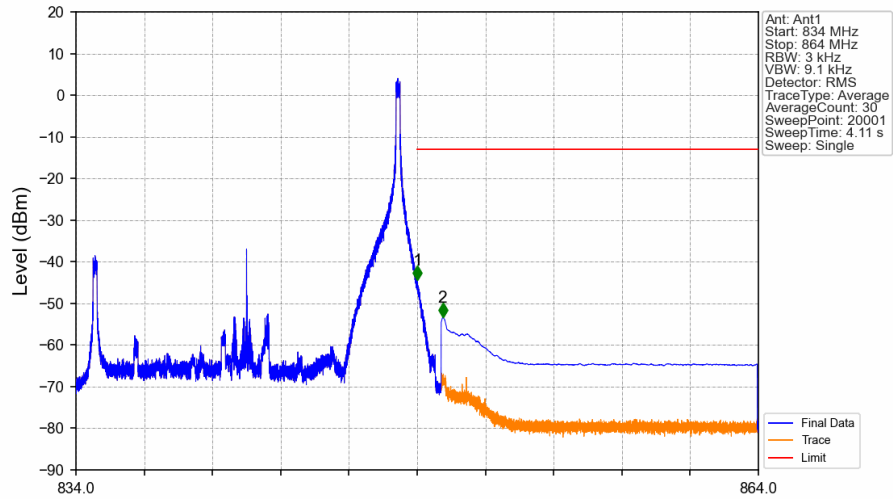
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c 15MHz QPSK HCH 841.5MHz RB 1 0 NTNV

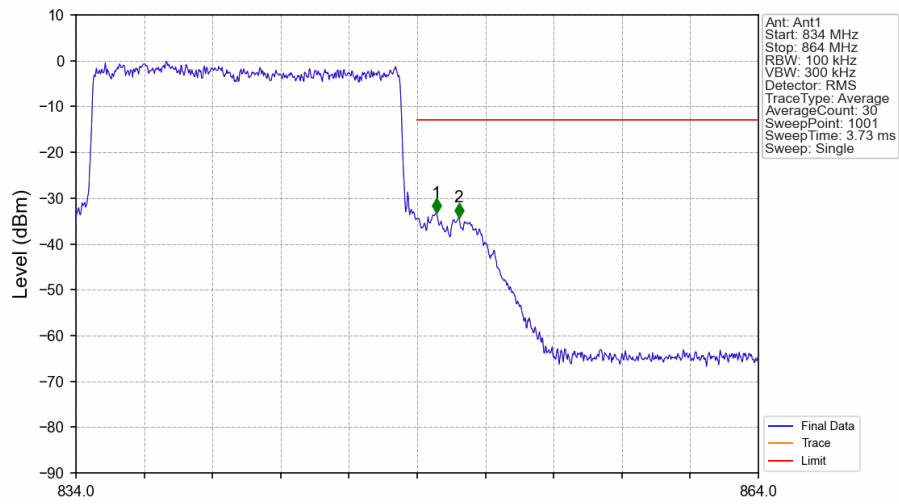


Band26c 15MHz QPSK HCH 841.5MHz RB 1 74 NTNV



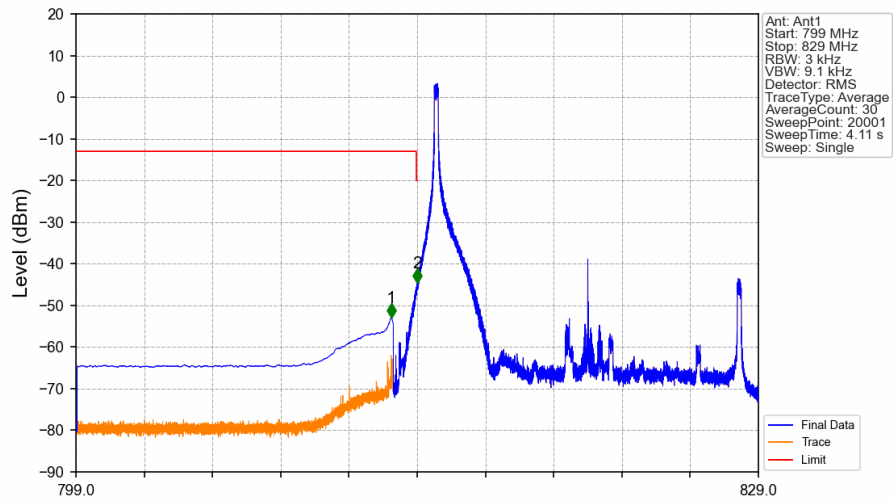
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	1	849.005	-44.49	-13	Pass
849	850	0.003	/	1	849.005	-44.49	-13	Pass
850	864	0.1	CHP	2	850.120	-53.40	-13	Pass

Band26c 15MHz QPSK HCH 841.5MHz RB 75 0 NTN



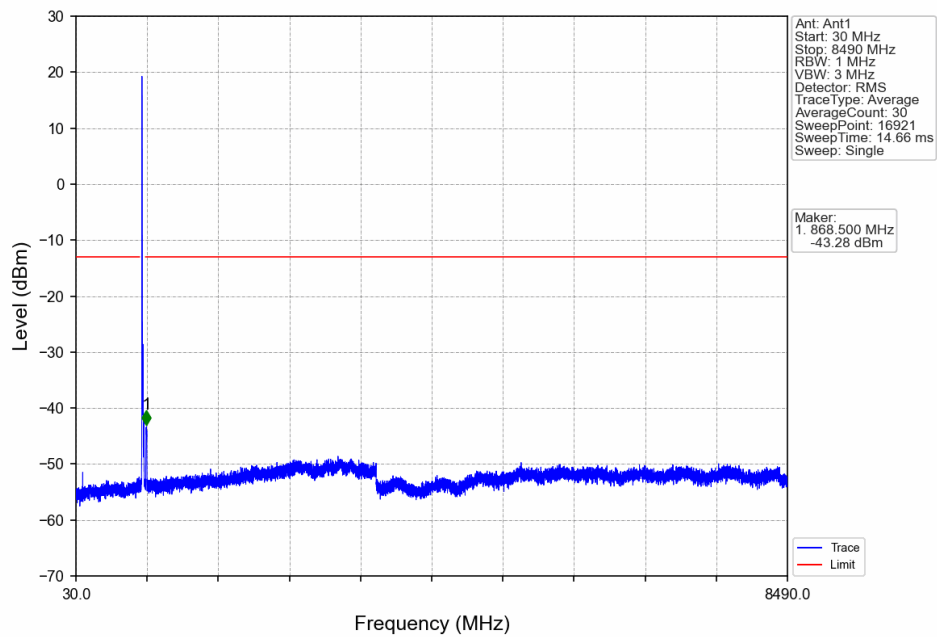
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15	/	/	/	/	/	/
849	850	0.15	/	1	849.840	-33.24	-13	Pass
850	864	0.1	/	2	850.830	-34.19	-13	Pass

Band26c 15MHz 16QAM LCH 821.5MHz RB 1 0 NTN

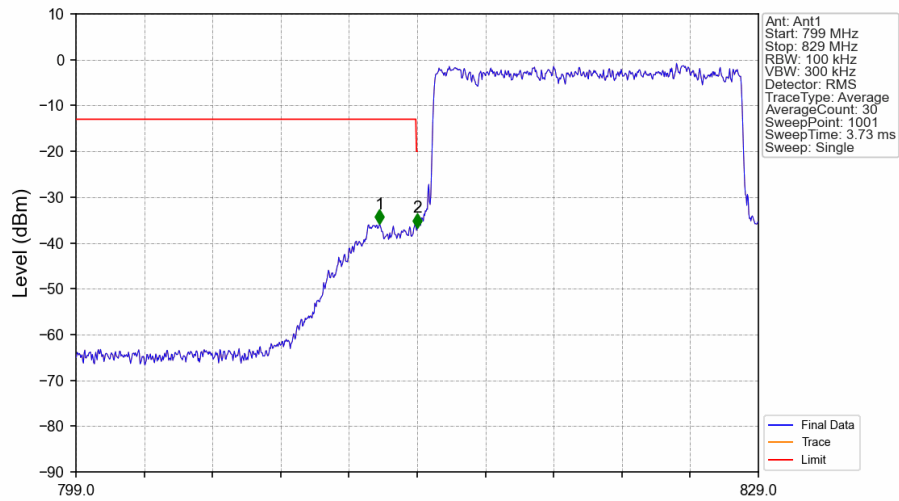


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	812.857	-52.98	-13	Pass
813	814	0.003	/	2	813.999	-44.57	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_16QAM_LCH_821.5MHz_RB_1_0_NTNV

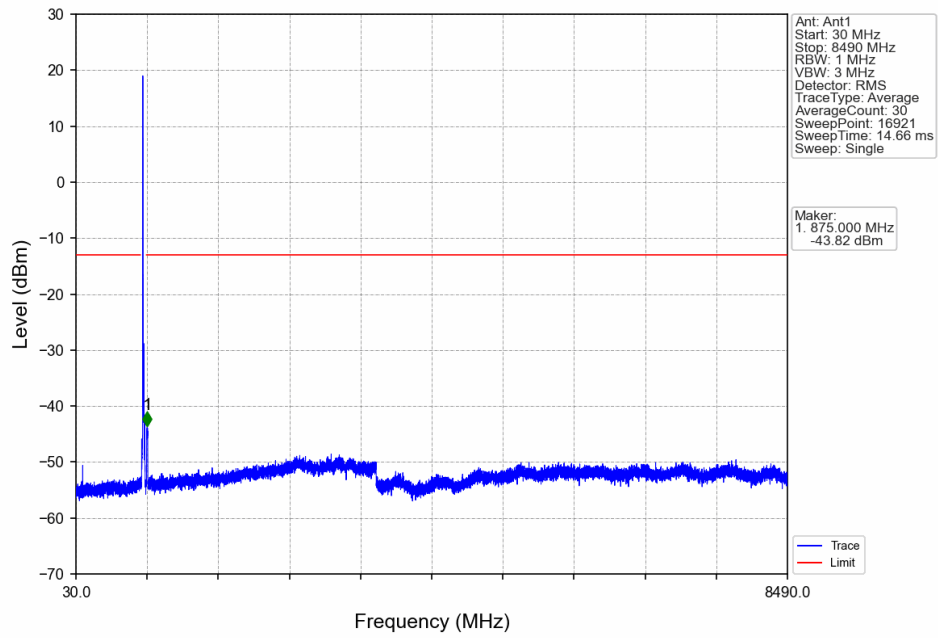


Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV

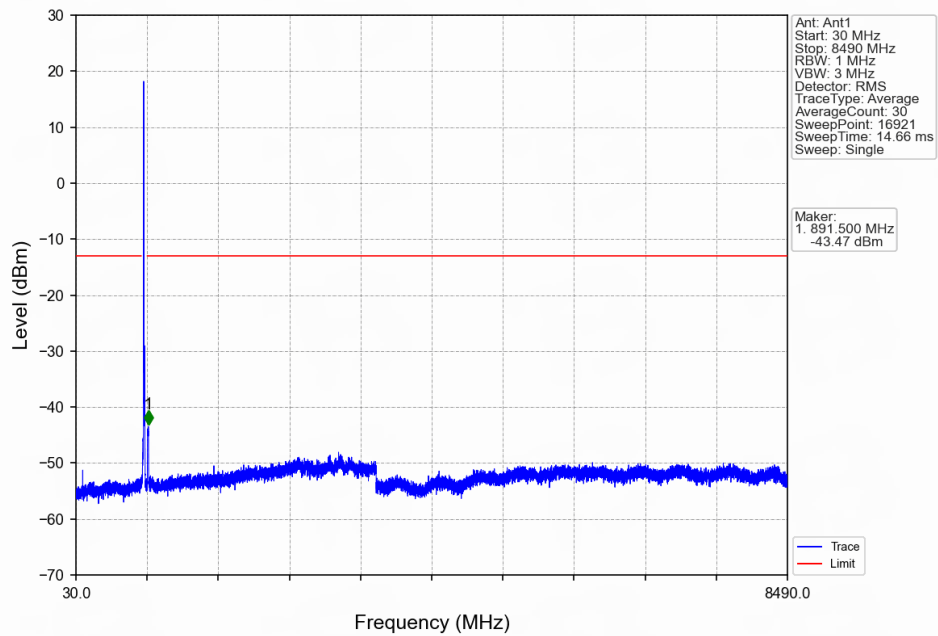


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.350	-35.91	-13	Pass
813	814	0.149	/	2	814.000	-36.66	-20	Pass
814	829	0.149	/	/	/	/	/	/

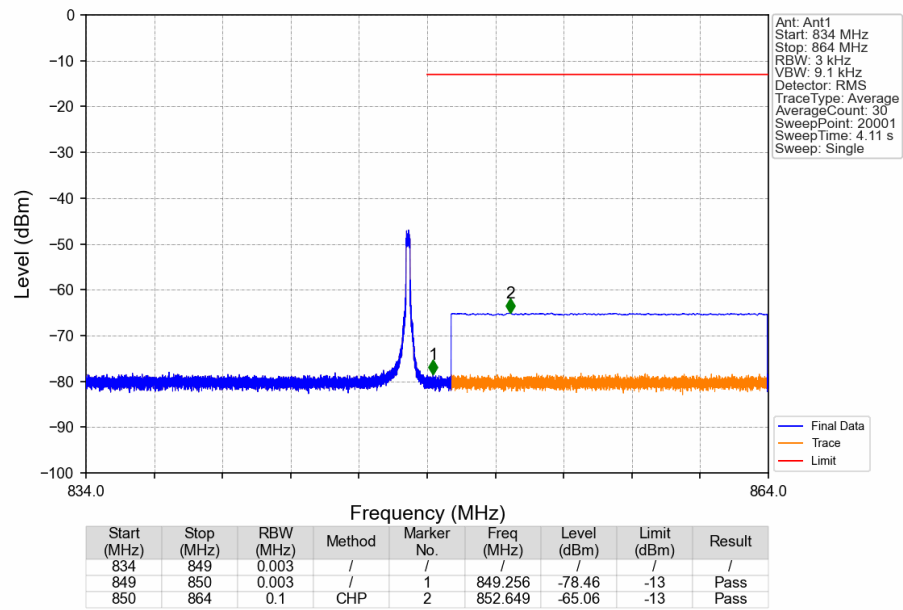
Band26c 15MHz 16QAM MCH 831.5MHz RB 1 0 NTNV



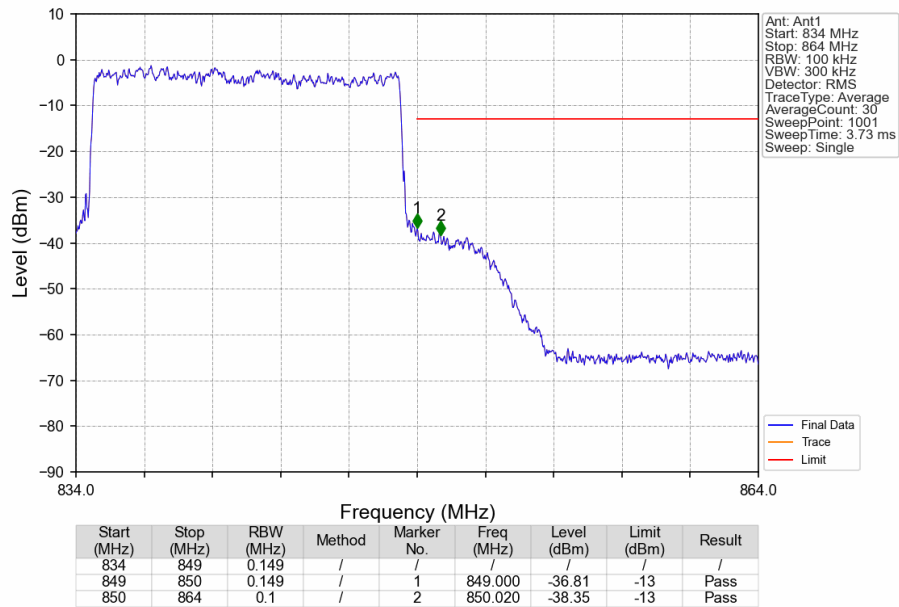
Band26c 15MHz 16QAM HCH 841.5MHz RB 1 0 NTNV



Band26c 15MHz 16QAM HCH 841.5MHz RB 1 74 NTN



Band26c 15MHz 16QAM HCH 841.5MHz RB 75 0 NTN



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	0.1963	0.0120	ppm	13M6G7D	/	22.93
26c	15	821.5	841.5	0.1679	0.0122	ppm	13M6W7D	/	22.25

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	0.1337	0.0120	ppm	13M6G7D	/	21.26
26c	15	821.5	841.5	0.1143	0.0122	ppm	13M6W7D	/	20.58