

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B26c\_15MHz\_ERP

### 1.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN										
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

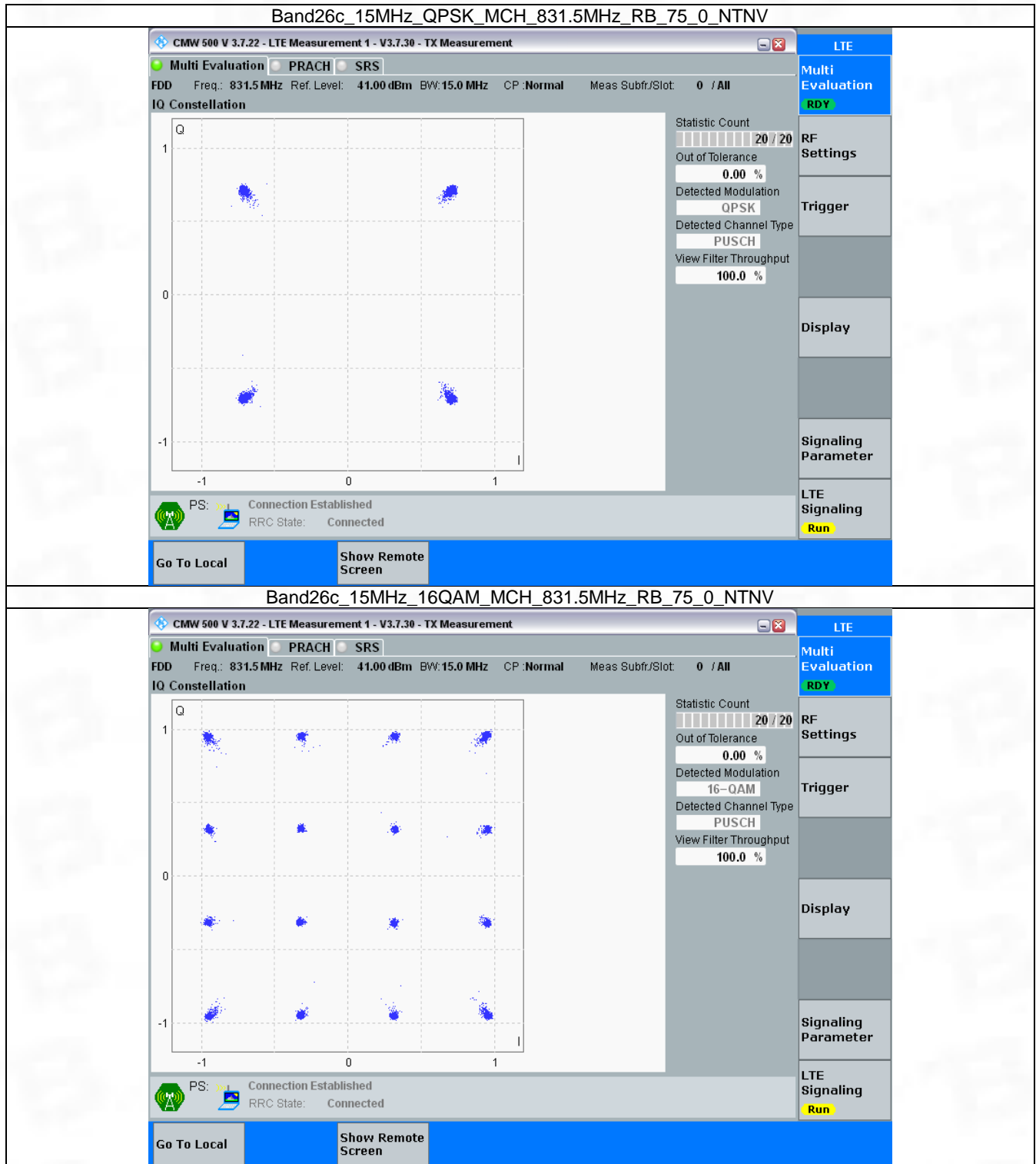
### 3. Modulation Characteristics

#### 3.1 B26c\_15MHz

##### 3.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / 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



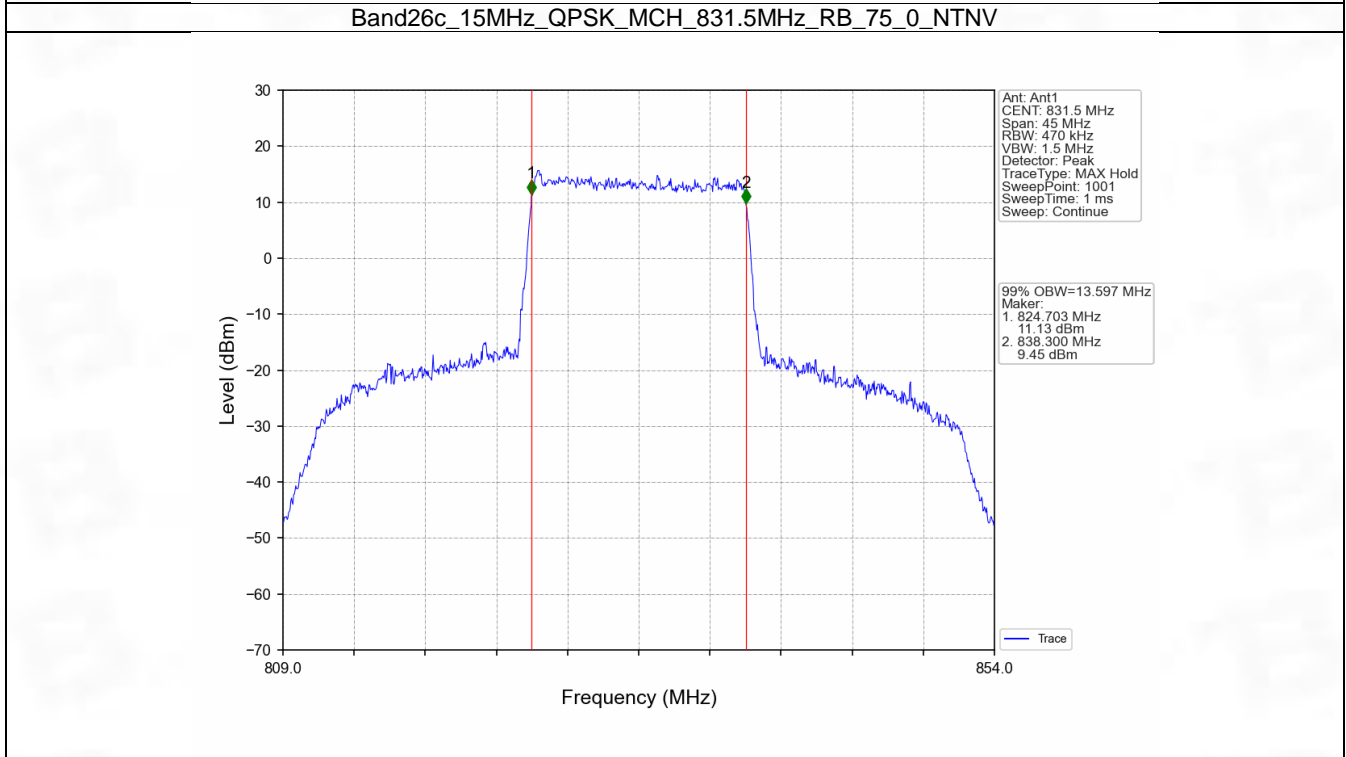
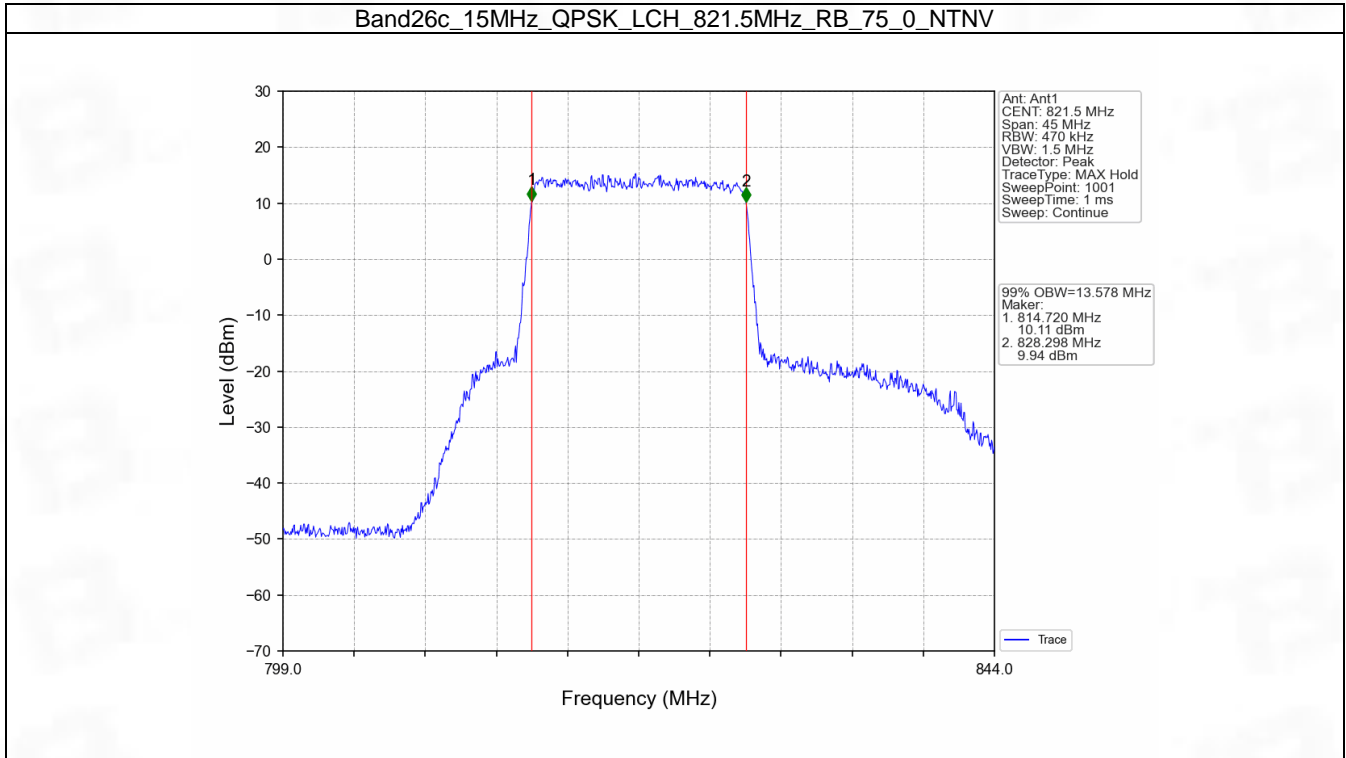
## 4. 99% & 26dB Bandwidth

### 4.1 Band26c\_OBW

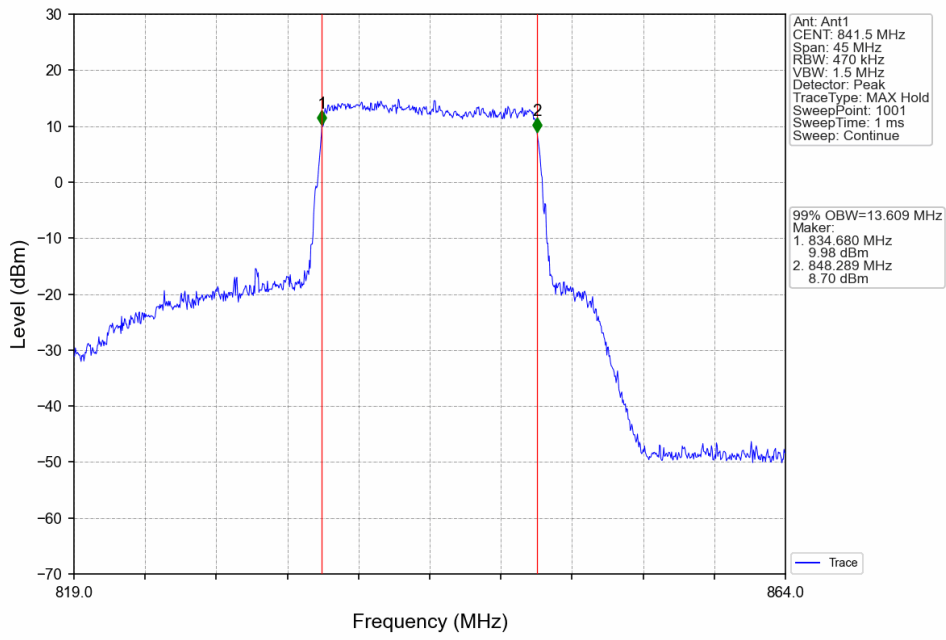
#### 4.1.1 Test Result

Band: 26c / 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

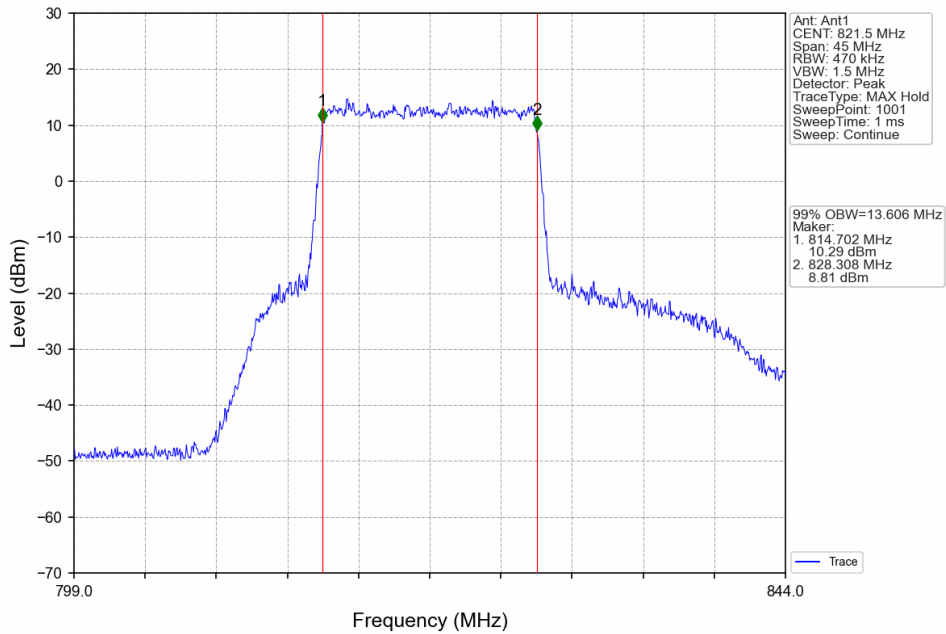
### 4.1.2 Test Graph



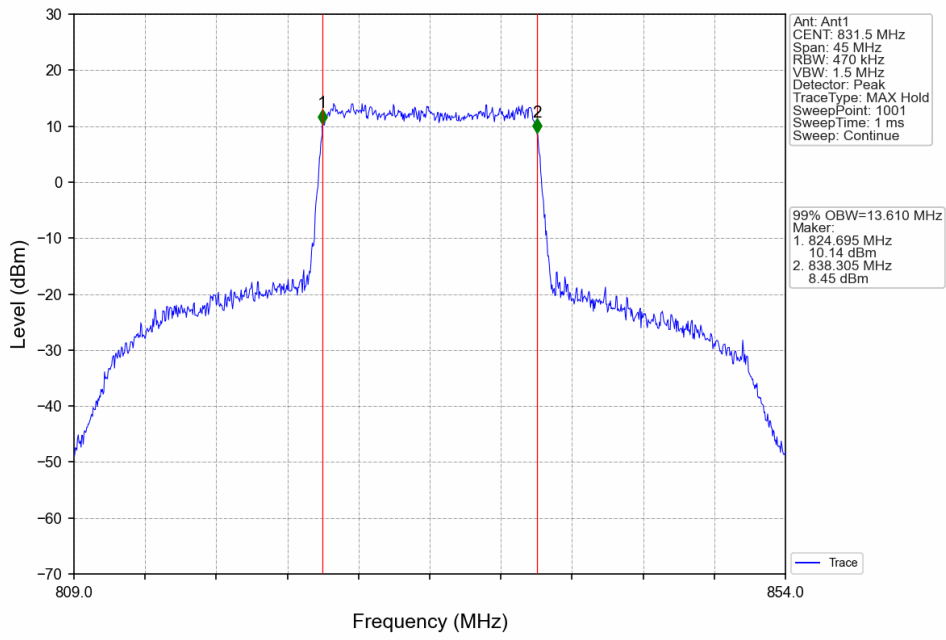
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



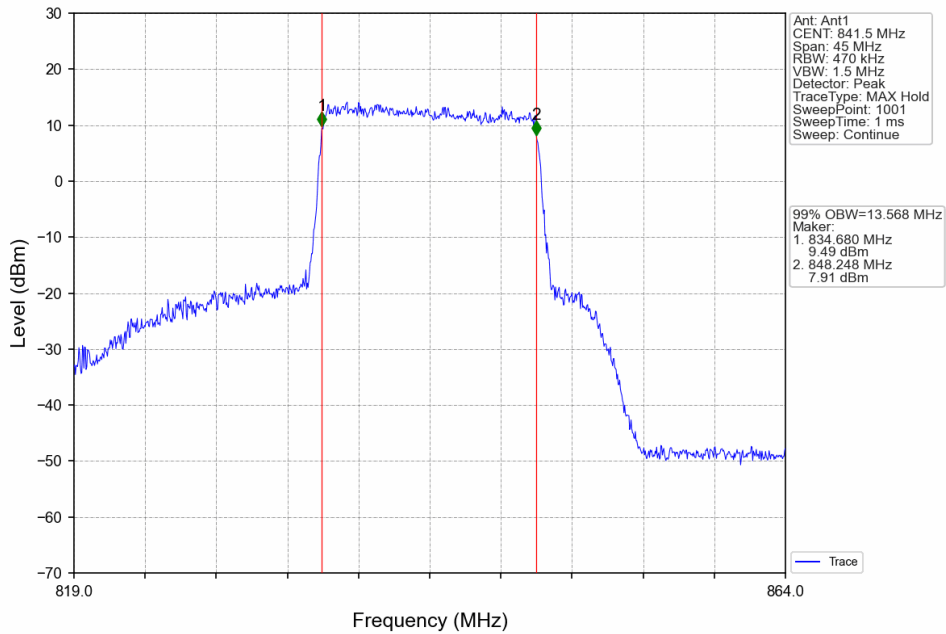
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



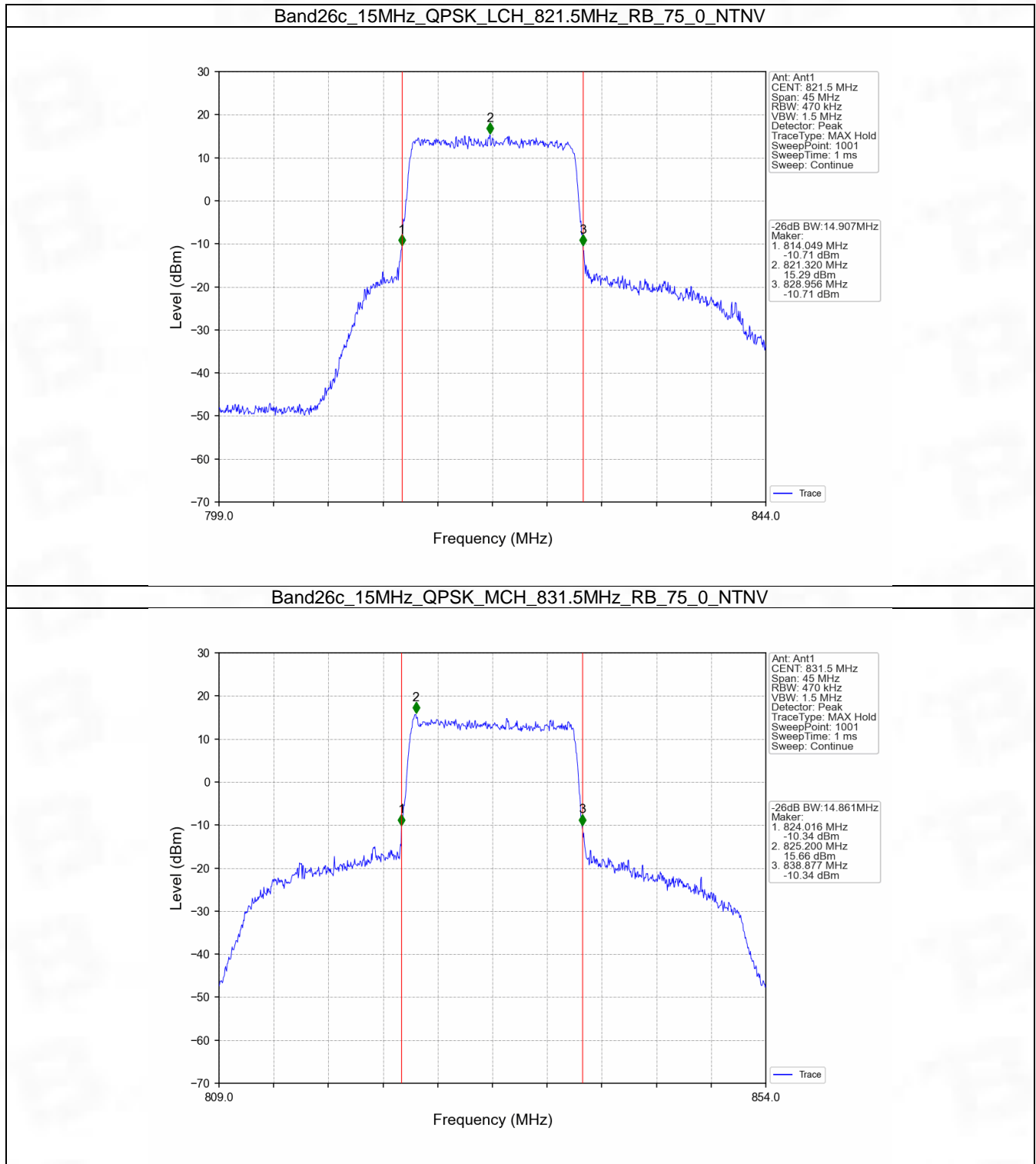


## 4.2 Band26c\_XDB

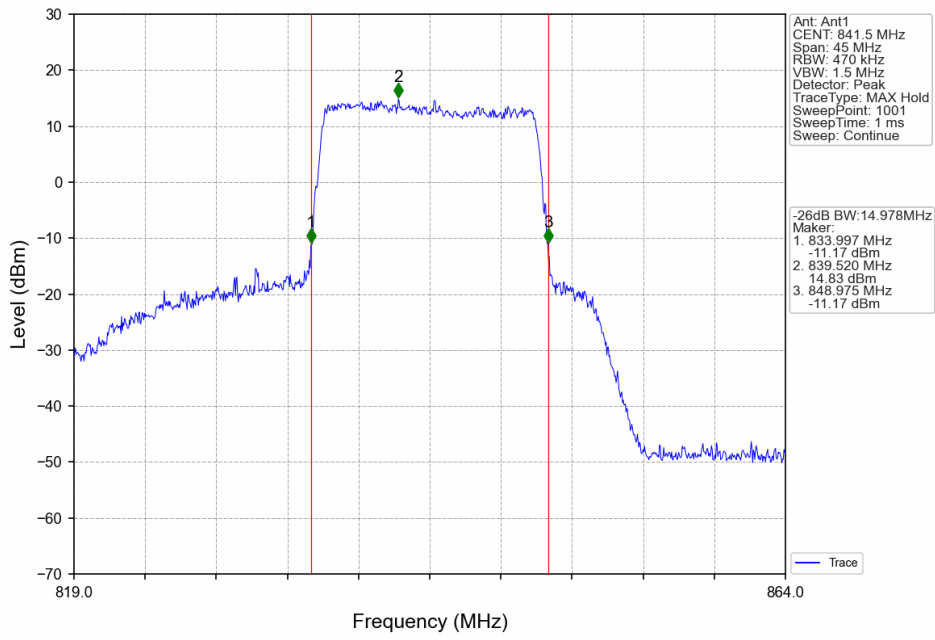
### 4.2.1 Test Result

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

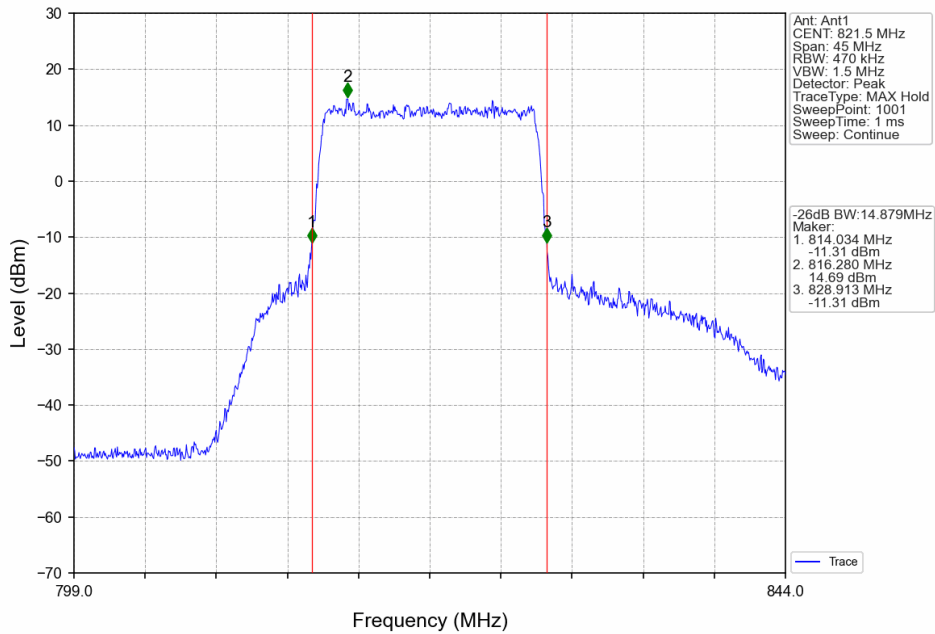
## 4.2.2 Test Graph



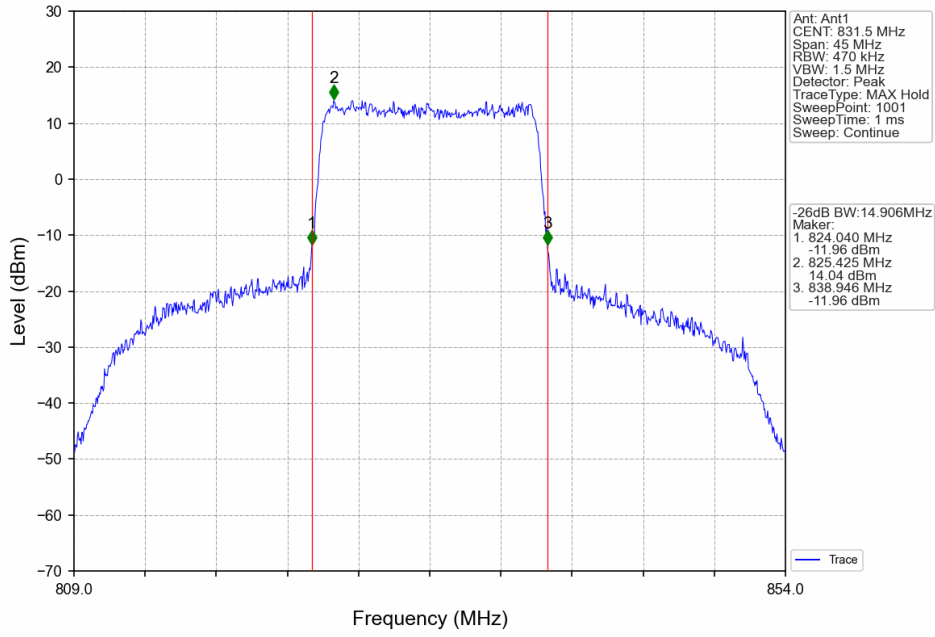
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



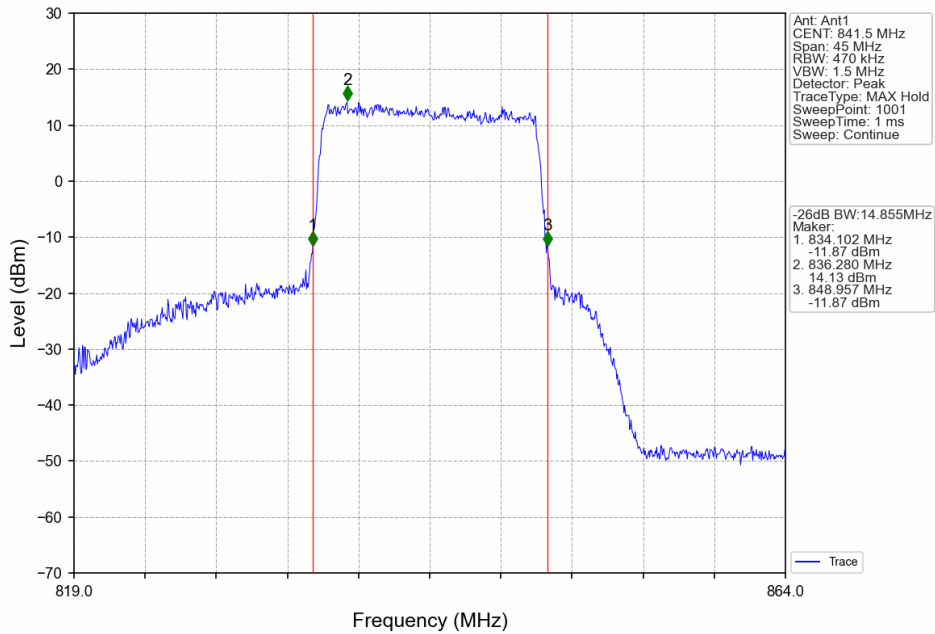
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



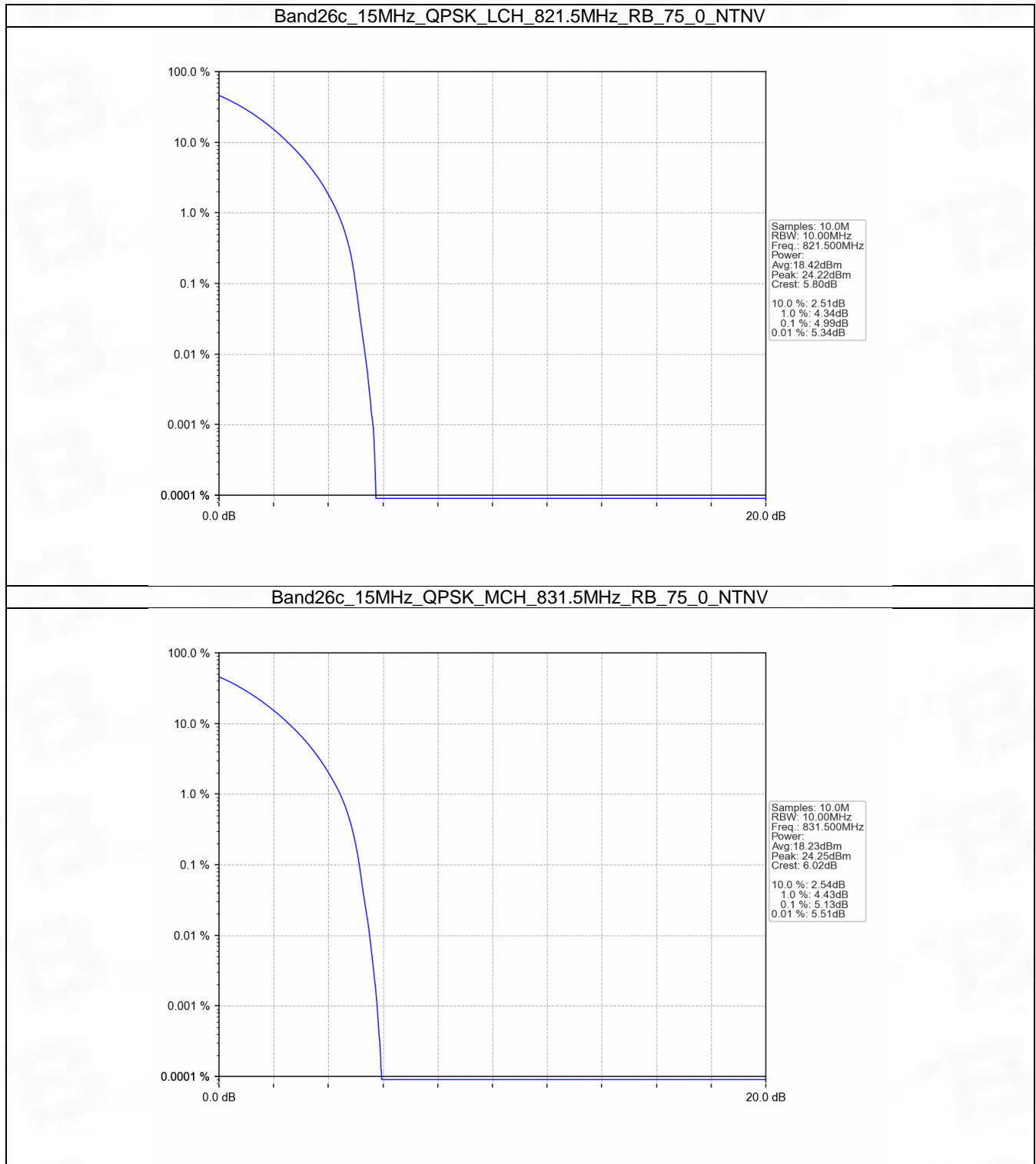
## 5. Peak-Average Ratio

### 5.1 B26c\_15MHz

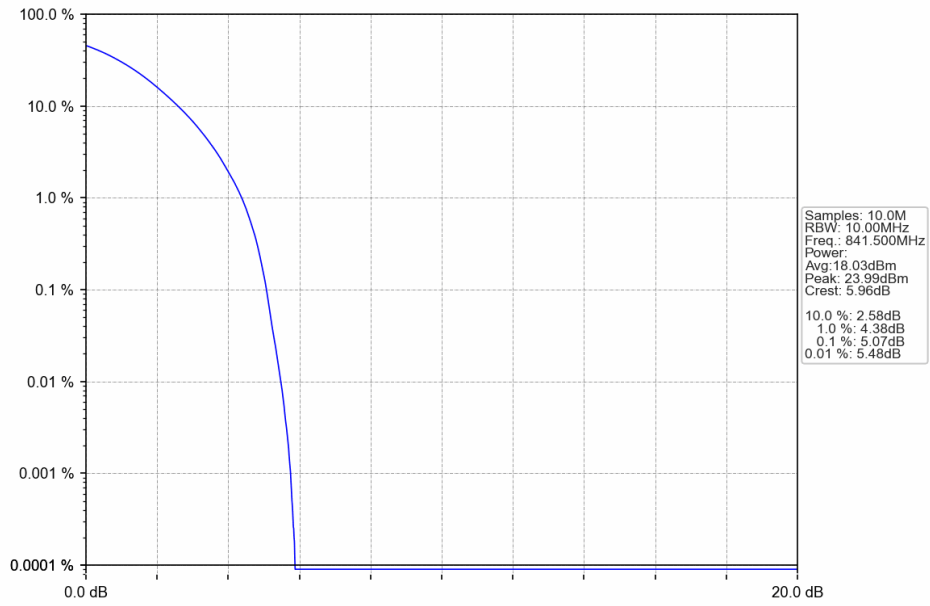
#### 5.1.1 Test Result

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

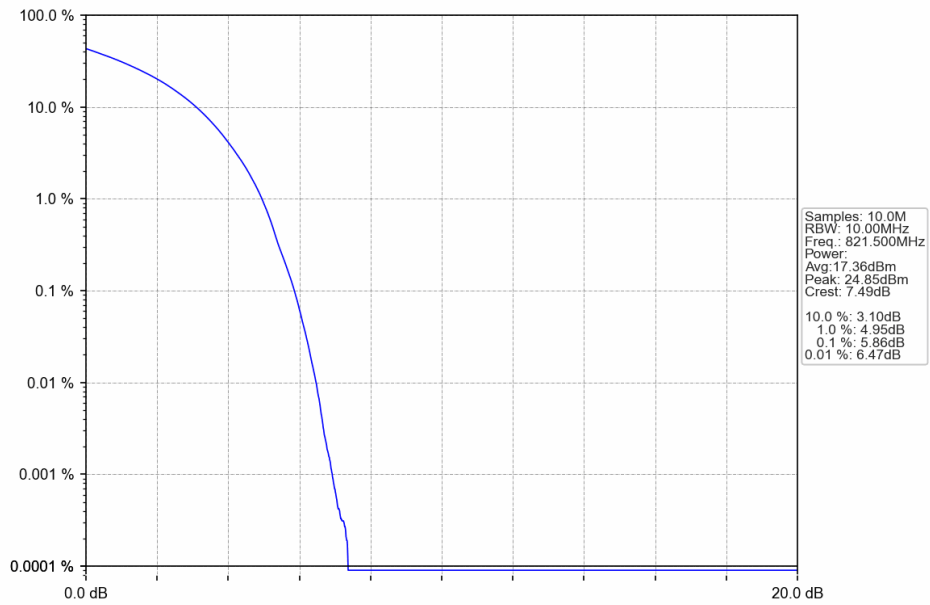
### 5.1.2 Test Graph



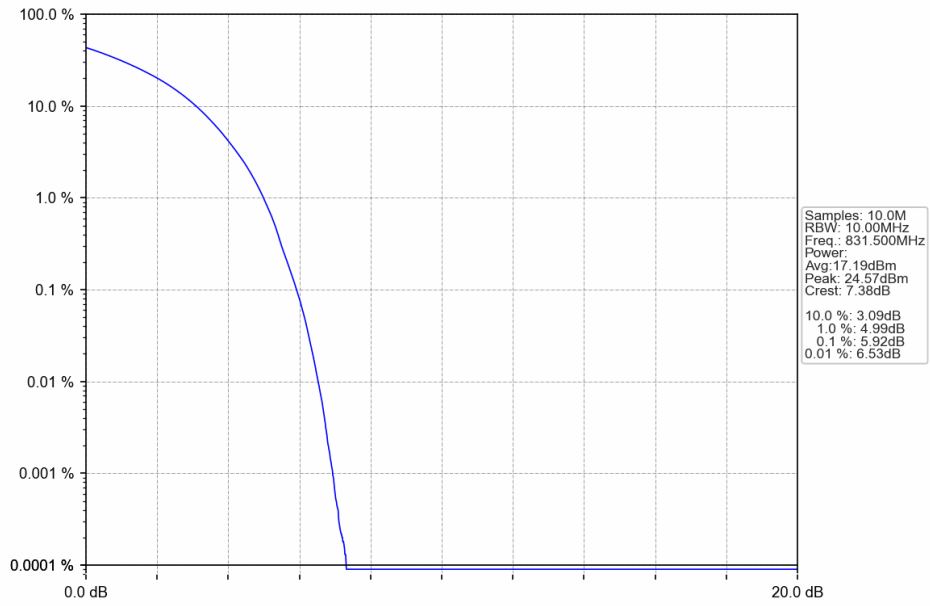
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



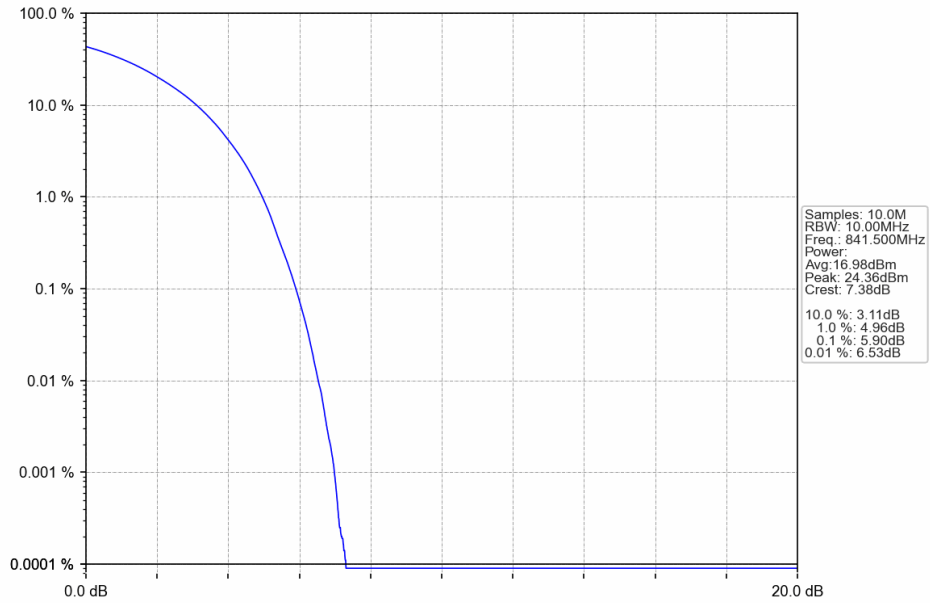
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV





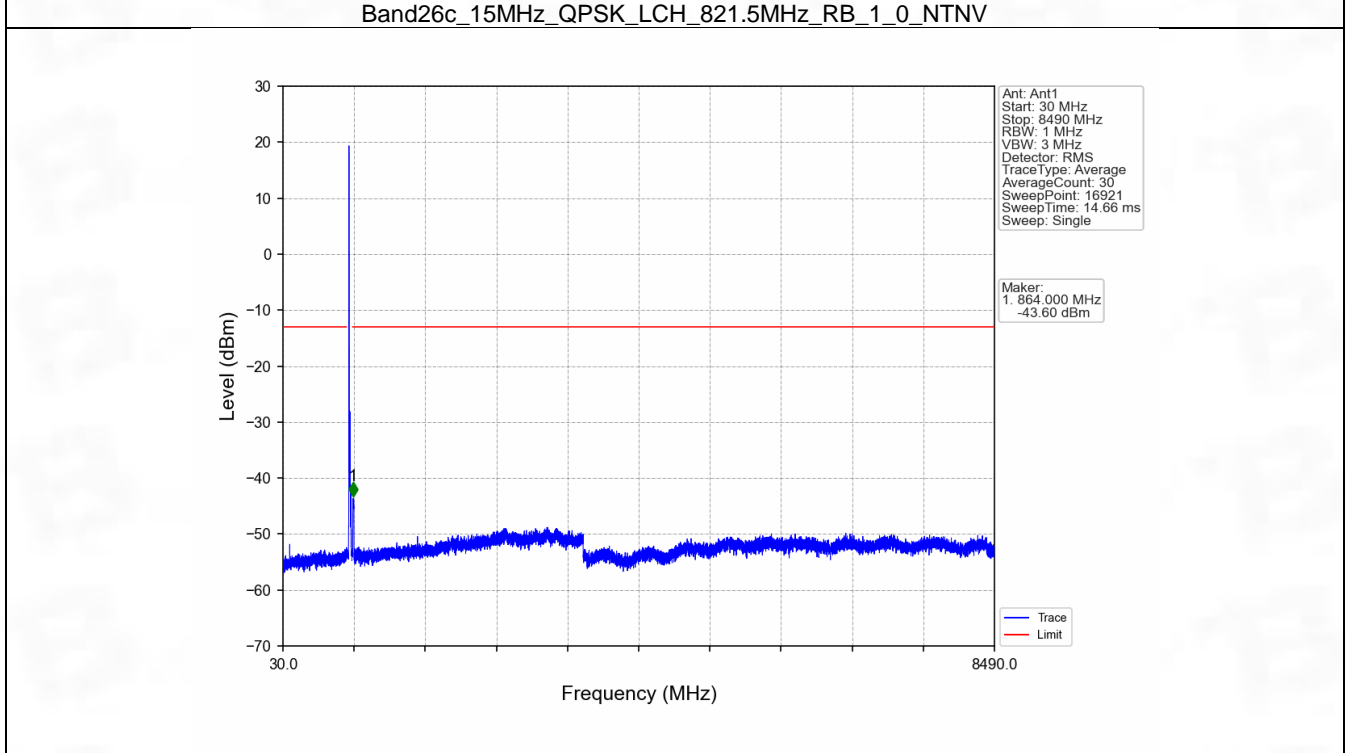
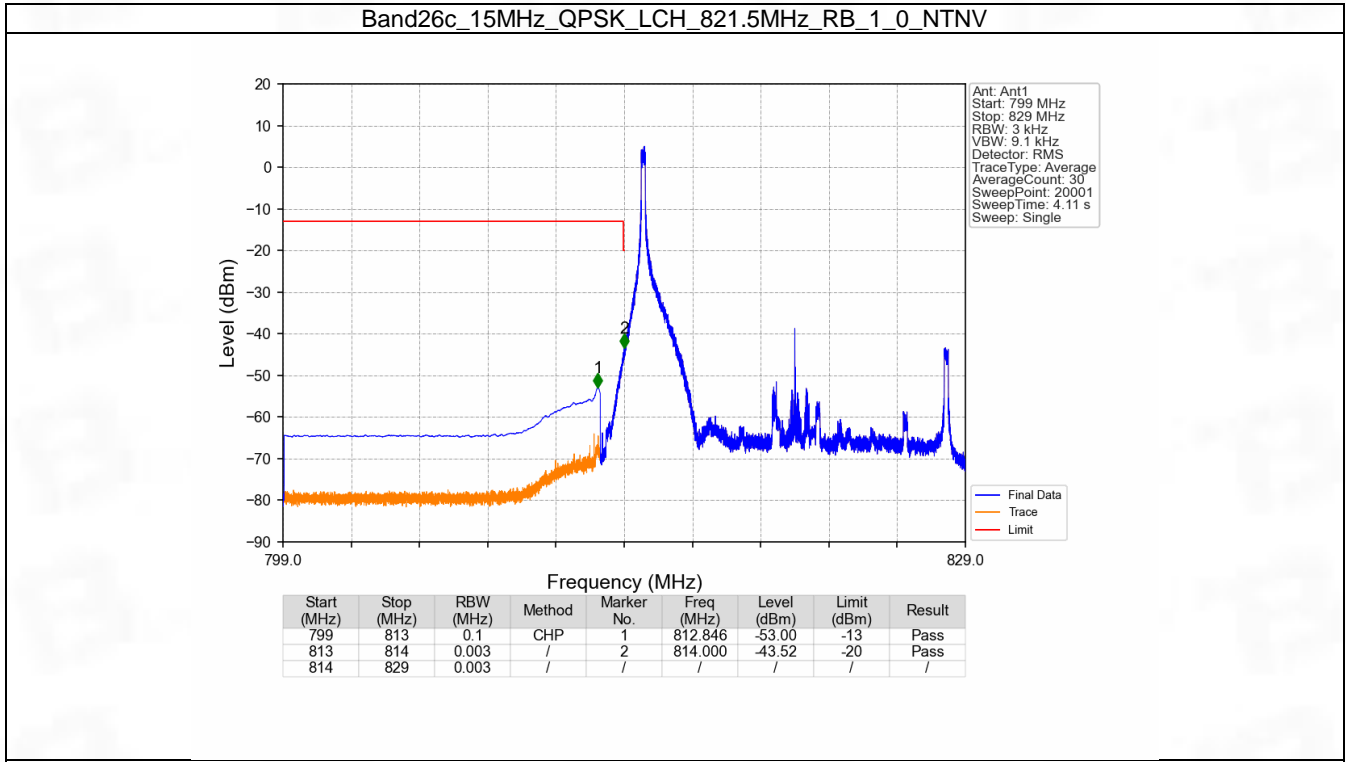
## 6. Spurious Emission

### 6.1 B26c\_15MHz

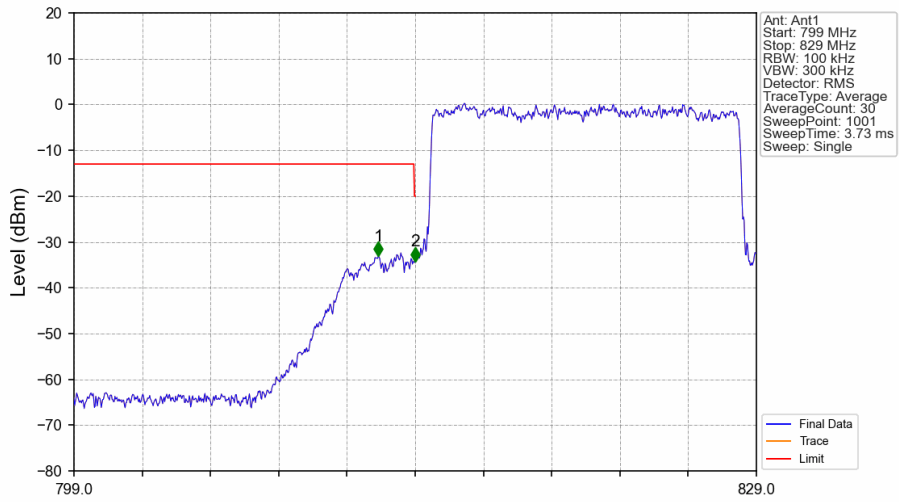
#### 6.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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
		841.5	1	0	Refer To Test Graph	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	
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
		841.5	1	0	Refer To Test Graph	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	

### 6.1.2 Test Graph

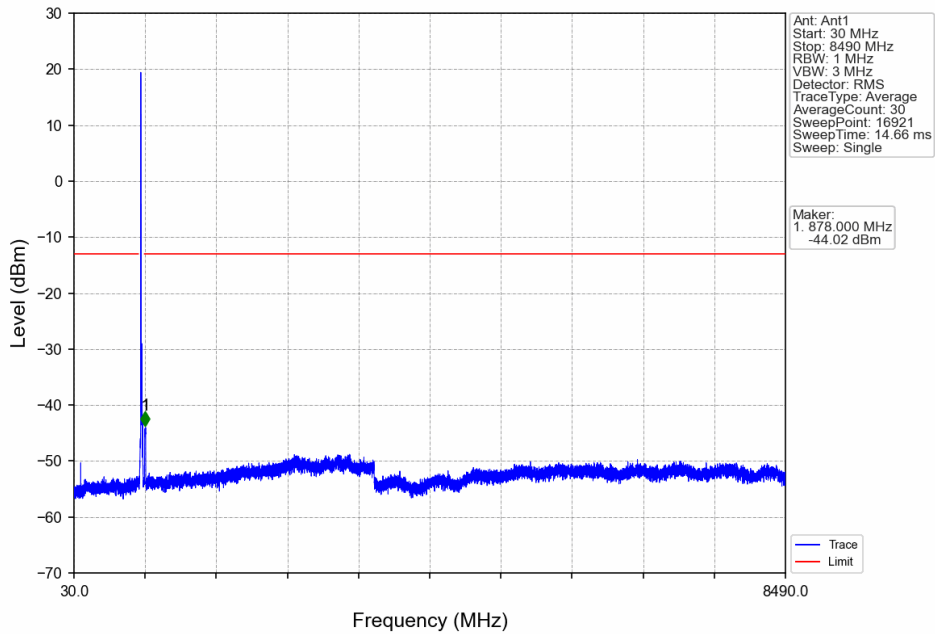


Band26c\_15MHz\_QPSK\_LCH\_821.5MHz\_RB\_75\_0\_NTNV

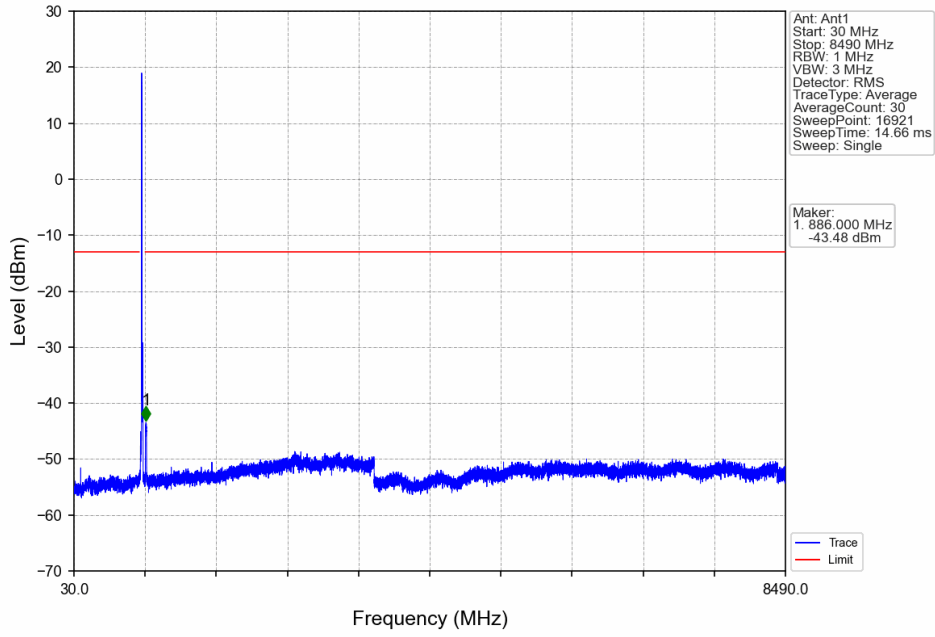


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.380	-33.09	-13	Pass
813	814	0.149	/	2	814.000	-34.26	-20	Pass
814	829	0.149	/	/	/	/	/	/

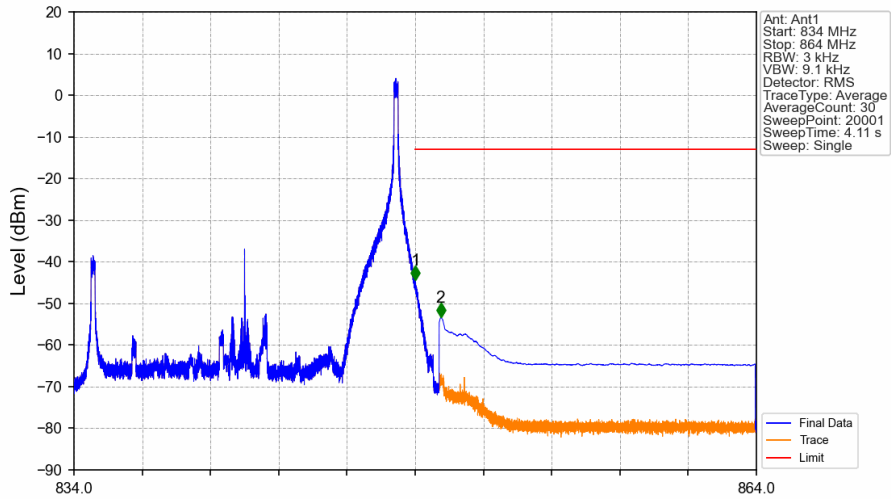
Band26c\_15MHz\_QPSK\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_0\_NTNV

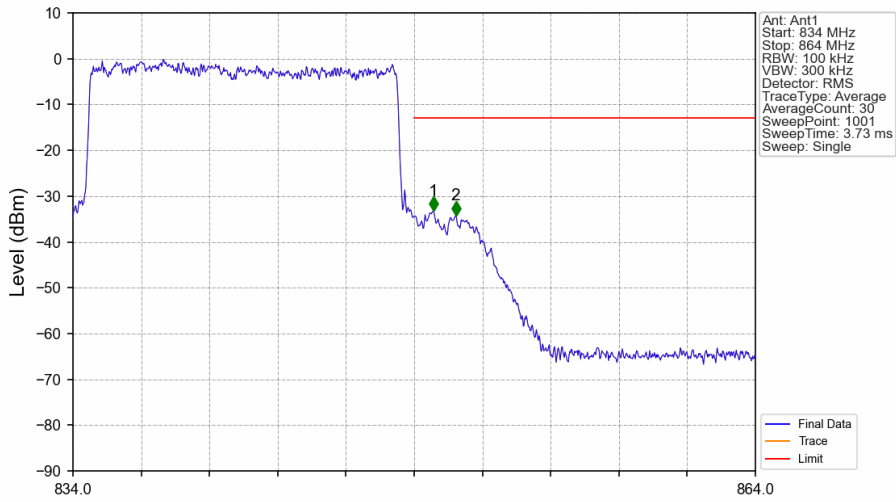


Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



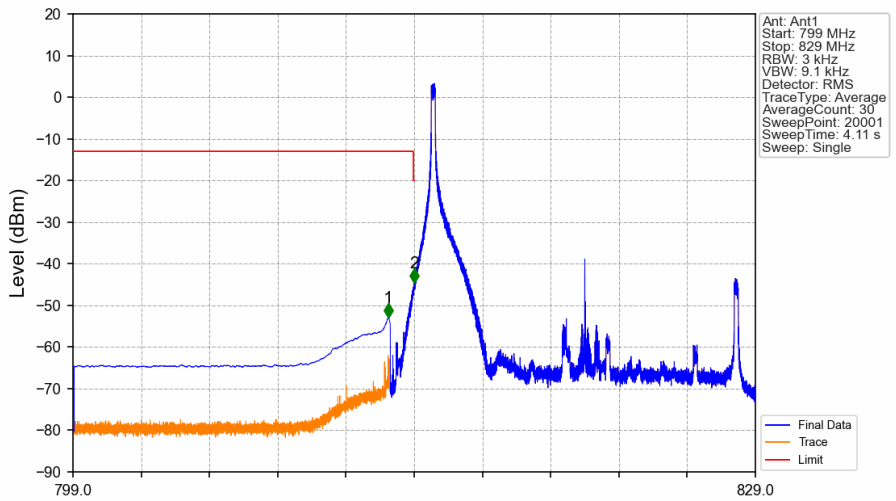
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-44.49	-13	Pass
850	864	0.1	CHP	2	850.120	-53.40	-13	Pass

Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



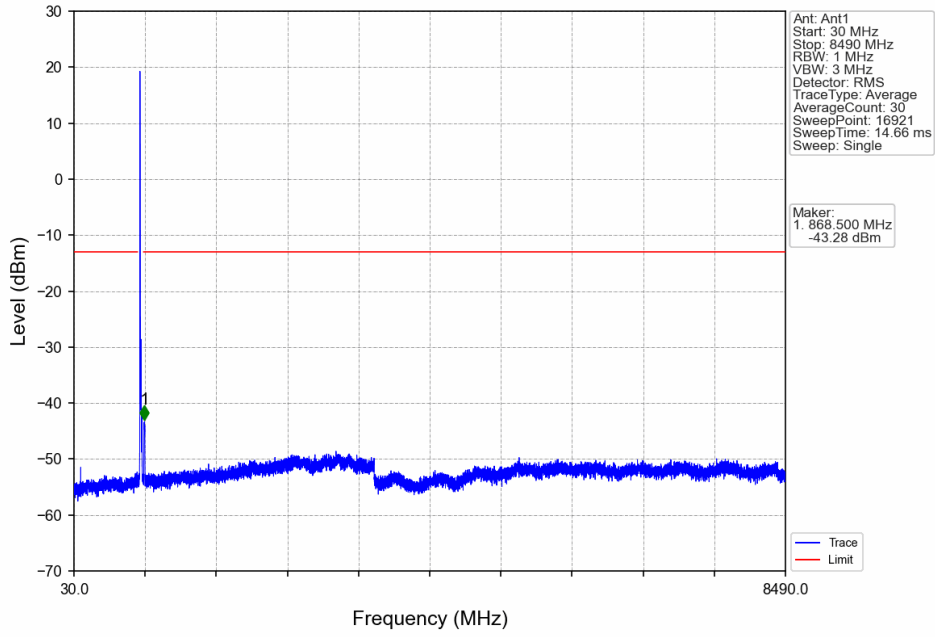
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.15	/	/	/	/	/	/
849	850	0.15	/	1	849.840	-33.24	-13	Pass
850	864	0.1	/	2	850.830	-34.19	-13	Pass

Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV

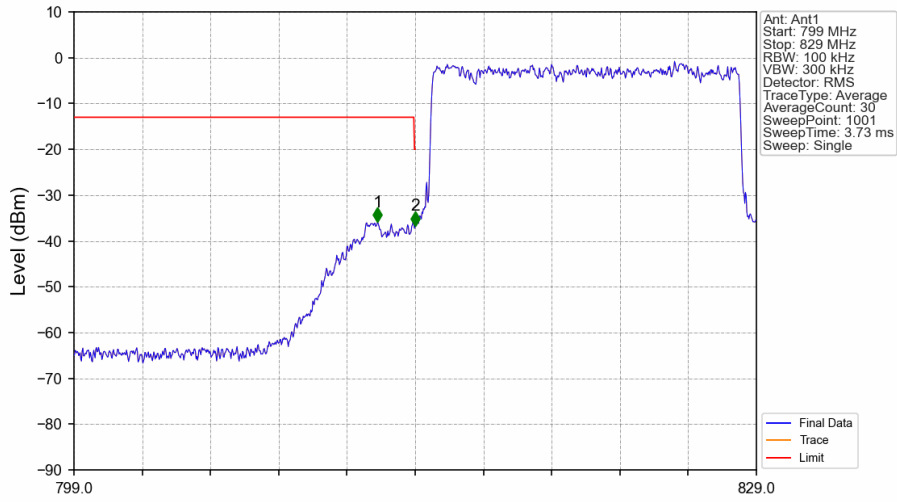


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	812.857	-52.98	-13	Pass
813	814	0.003	/	2	813.999	-44.57	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV

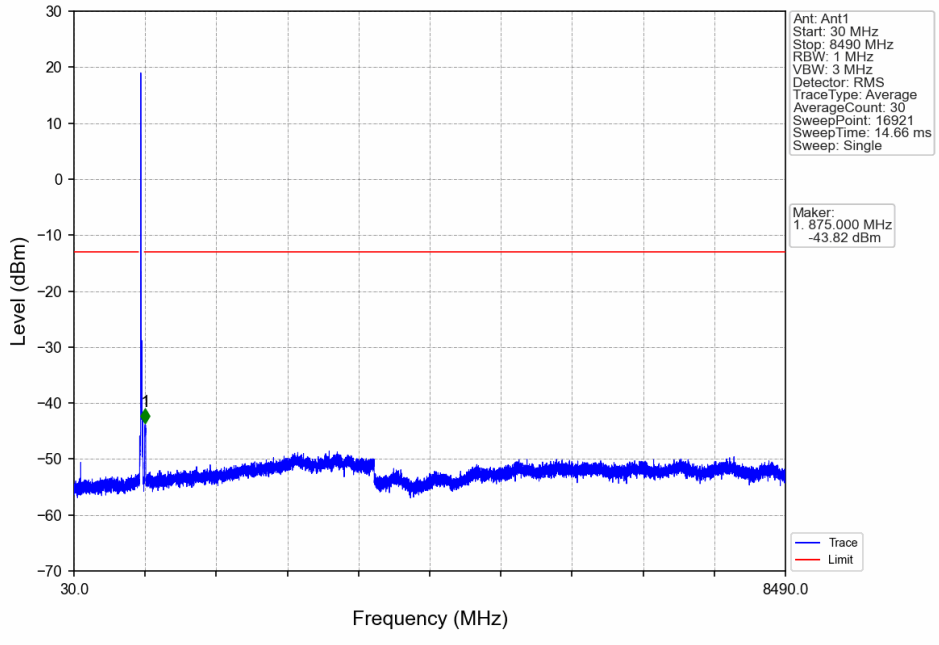


Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV

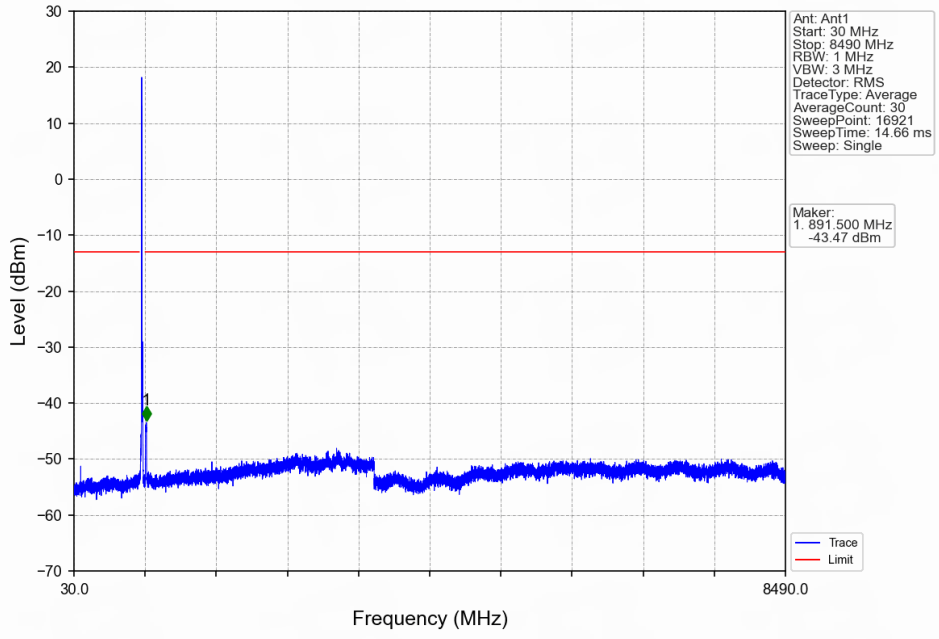


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.350	-35.91	-13	Pass
813	814	0.149	/	2	814.000	-36.66	-20	Pass
814	829	0.149	/	/	/	/	/	/

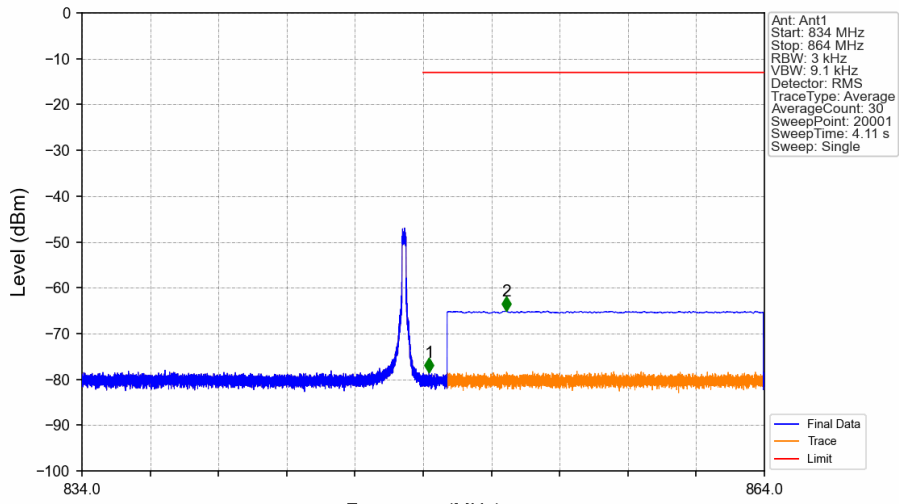
Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_0\_NTNV

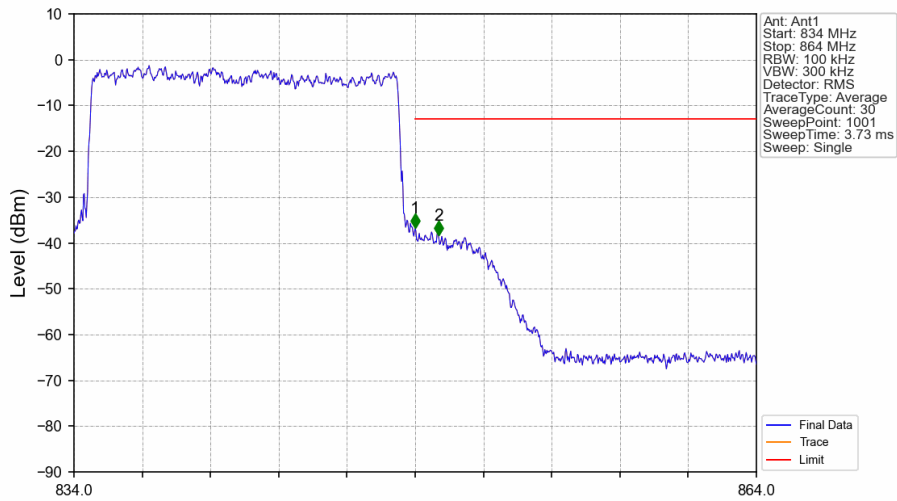


Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	1	849.256	-78.46	-13	Pass
849	850	0.003	/	1	849.256	-78.46	-13	Pass
850	864	0.1	CHP	2	852.649	-65.06	-13	Pass

Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.149	/	1	849.000	-36.81	-13	Pass
849	850	0.149	/	1	849.000	-36.81	-13	Pass
850	864	0.1	/	2	850.020	-38.35	-13	Pass



## 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