

# 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	23.70	0.00	21.55	<=38.45	Pass		
			38	23.91	0.00	21.76	<=38.45	Pass		
			74	23.79	0.00	21.64	<=38.45	Pass		
		36	0	22.83	0.00	20.68	<=38.45	Pass		
			18	22.94	0.00	20.79	<=38.45	Pass		
			39	22.94	0.00	20.79	<=38.45	Pass		
		75	0	22.95	0.00	20.80	<=38.45	Pass		
		831.5	1	0	23.78	0.00	21.63	<=38.45	Pass	
				38	23.86	0.00	21.71	<=38.45	Pass	
	74			23.62	0.00	21.47	<=38.45	Pass		
	36		0	22.94	0.00	20.79	<=38.45	Pass		
			18	22.91	0.00	20.76	<=38.45	Pass		
			39	22.80	0.00	20.65	<=38.45	Pass		
	75		0	22.88	0.00	20.73	<=38.45	Pass		
	841.5		1	0	23.60	0.00	21.45	<=38.45	Pass	
				38	23.94	0.00	21.79	<=38.45	Pass	
		74		23.71	0.00	21.56	<=38.45	Pass		
		36	0	22.84	0.00	20.69	<=38.45	Pass		
			18	22.93	0.00	20.78	<=38.45	Pass		
			39	22.92	0.00	20.77	<=38.45	Pass		
		75	0	22.88	0.00	20.73	<=38.45	Pass		
		16QAM	821.5	1	0	23.03	0.00	20.88	<=38.45	Pass
					38	23.26	0.00	21.11	<=38.45	Pass
	74				22.95	0.00	20.80	<=38.45	Pass	
36	0			21.89	0.00	19.74	<=38.45	Pass		
	18			22.00	0.00	19.85	<=38.45	Pass		
	39			21.92	0.00	19.77	<=38.45	Pass		
75	0			21.93	0.00	19.78	<=38.45	Pass		
831.5	1			0	22.79	0.00	20.64	<=38.45	Pass	
				38	23.04	0.00	20.89	<=38.45	Pass	
			74	22.87	0.00	20.72	<=38.45	Pass		
	36		0	21.86	0.00	19.71	<=38.45	Pass		
			18	21.90	0.00	19.75	<=38.45	Pass		
			39	21.85	0.00	19.70	<=38.45	Pass		
	75		0	21.87	0.00	19.72	<=38.45	Pass		
	841.5		1	0	22.74	0.00	20.59	<=38.45	Pass	
				38	22.83	0.00	20.68	<=38.45	Pass	
74				22.75	0.00	20.60	<=38.45	Pass		
36			0	21.87	0.00	19.72	<=38.45	Pass		
			18	21.87	0.00	19.72	<=38.45	Pass		
			39	21.87	0.00	19.72	<=38.45	Pass		
75			0	21.87	0.00	19.72	<=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	-7.424	-0.0090	-2.5 to 2.5	Pass	
					3.85	-2.232	-0.0027	-2.5 to 2.5	Pass	
					4.43	-4.721	-0.0057	-2.5 to 2.5	Pass	
				-30	3.85	-7.567	-0.0092	-2.5 to 2.5	Pass	
					-20	3.85	-2.689	-0.0033	-2.5 to 2.5	Pass
						-10	3.85	-6.738	-0.0082	-2.5 to 2.5
				0	3.85	-2.561	-0.0031	-2.5 to 2.5	Pass	
					10	3.85	-7.253	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-10.514	-0.0128	-2.5 to 2.5	Pass	
	40	3.85	-3.791		-0.0046	-2.5 to 2.5	Pass			
	50	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass				
	831.5	75	0	20	3.27	-5.865	-0.0071	-2.5 to 2.5	Pass	
					3.85	-1.574	-0.0019	-2.5 to 2.5	Pass	
					4.43	-0.944	-0.0011	-2.5 to 2.5	Pass	
				-30	3.85	-4.120	-0.0050	-2.5 to 2.5	Pass	
					-20	3.85	-4.277	-0.0051	-2.5 to 2.5	Pass
						-10	3.85	-4.292	-0.0052	-2.5 to 2.5
				0	3.85	-8.912	-0.0107	-2.5 to 2.5	Pass	
					10	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.739	-0.0093	-2.5 to 2.5	Pass	
	40	3.85	-5.693		-0.0068	-2.5 to 2.5	Pass			
	50	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass				
	841.5	75	0	20	3.27	-4.106	-0.0049	-2.5 to 2.5	Pass	
					3.85	-4.907	-0.0058	-2.5 to 2.5	Pass	
					4.43	-5.622	-0.0067	-2.5 to 2.5	Pass	
				-30	3.85	-6.266	-0.0074	-2.5 to 2.5	Pass	
					-20	3.85	-4.249	-0.0050	-2.5 to 2.5	Pass
-10						3.85	-3.862	-0.0046	-2.5 to 2.5	Pass
0				3.85	-6.208	-0.0074	-2.5 to 2.5	Pass		
				10	3.85	-8.526	-0.0101	-2.5 to 2.5	Pass	
30				3.85	-6.595	-0.0078	-2.5 to 2.5	Pass		
	40	3.85	-6.080	-0.0072	-2.5 to 2.5	Pass				
50	3.85	-6.938	-0.0082	-2.5 to 2.5	Pass					
16QAM	821.5	75	0	20	3.27	-8.011	-0.0098	-2.5 to 2.5	Pass	
					3.85	-3.476	-0.0042	-2.5 to 2.5	Pass	
					4.43	-3.376	-0.0041	-2.5 to 2.5	Pass	
				-30	3.85	-4.048	-0.0049	-2.5 to 2.5	Pass	
					-20	3.85	-6.409	-0.0078	-2.5 to 2.5	Pass
						-10	3.85	-7.896	-0.0096	-2.5 to 2.5
				0	3.85	-8.755	-0.0107	-2.5 to 2.5	Pass	
					10	3.85	-3.605	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass	
40	3.85	-1.330	-0.0016		-2.5 to 2.5	Pass				
50	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass					

	831.5	75	0	20	3.27	-5.107	-0.0061	-2.5 to 2.5	Pass	
					3.85	-5.836	-0.0070	-2.5 to 2.5	Pass	
					4.43	-6.008	-0.0072	-2.5 to 2.5	Pass	
				-30	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass	
					-20	3.85	-5.178	-0.0062	-2.5 to 2.5	Pass
						-10	3.85	-4.005	-0.0048	-2.5 to 2.5
				0	3.85	-6.838	-0.0082	-2.5 to 2.5	Pass	
					10	3.85	-6.537	-0.0079	-2.5 to 2.5	Pass
					30	3.85	-6.366	-0.0077	-2.5 to 2.5	Pass
	50	40	3.85	-4.964	-0.0060	-2.5 to 2.5	Pass			
		50	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass			
		20	3.27	-8.454	-0.0100	-2.5 to 2.5	Pass			
	3.85		-5.751	-0.0068	-2.5 to 2.5	Pass				
	4.43		-4.206	-0.0050	-2.5 to 2.5	Pass				
	-30	3.85	-4.992	-0.0059	-2.5 to 2.5	Pass				
		-20	3.85	-7.396	-0.0088	-2.5 to 2.5	Pass			
			-10	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass		
	0	3.85	-5.178	-0.0062	-2.5 to 2.5	Pass				
10		3.85	-7.324	-0.0087	-2.5 to 2.5	Pass				
30		3.85	-3.648	-0.0043	-2.5 to 2.5	Pass				
50	40	3.85	-7.339	-0.0087	-2.5 to 2.5	Pass				
	50	3.85	-2.646	-0.0031	-2.5 to 2.5	Pass				

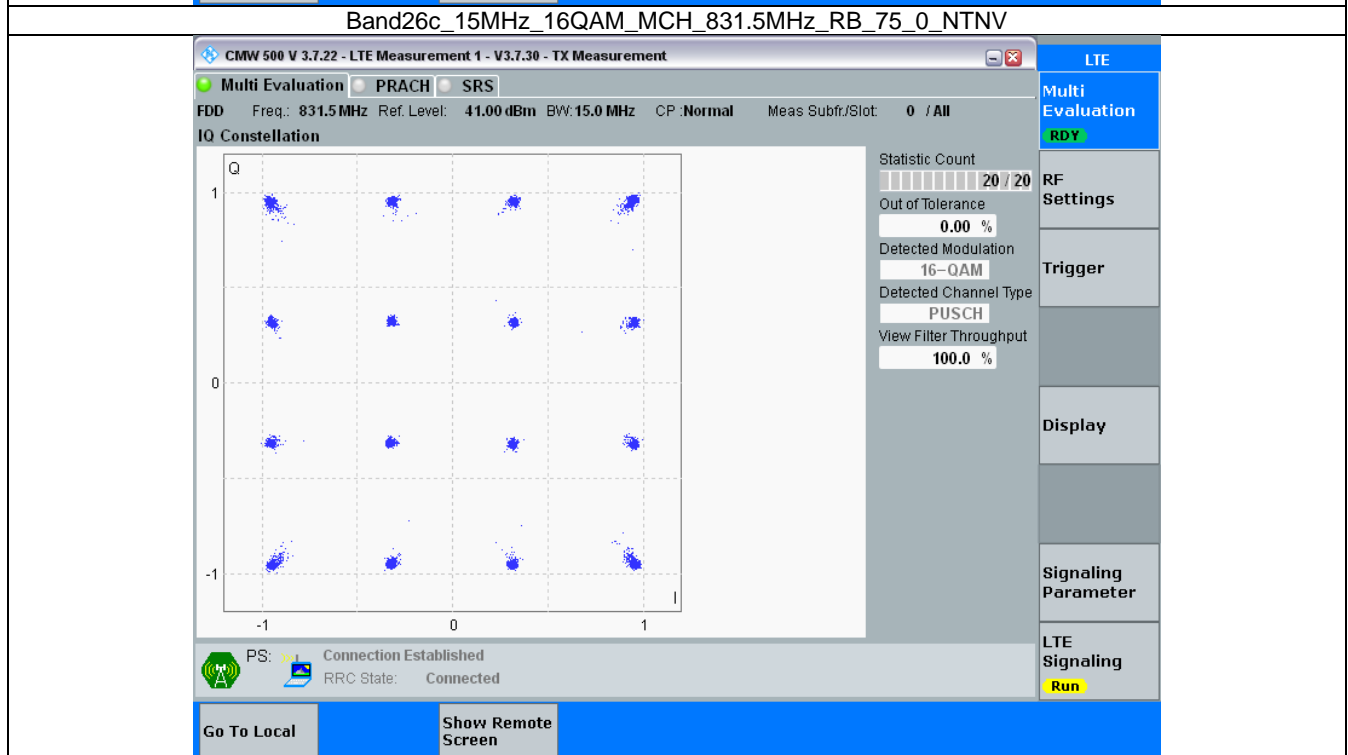
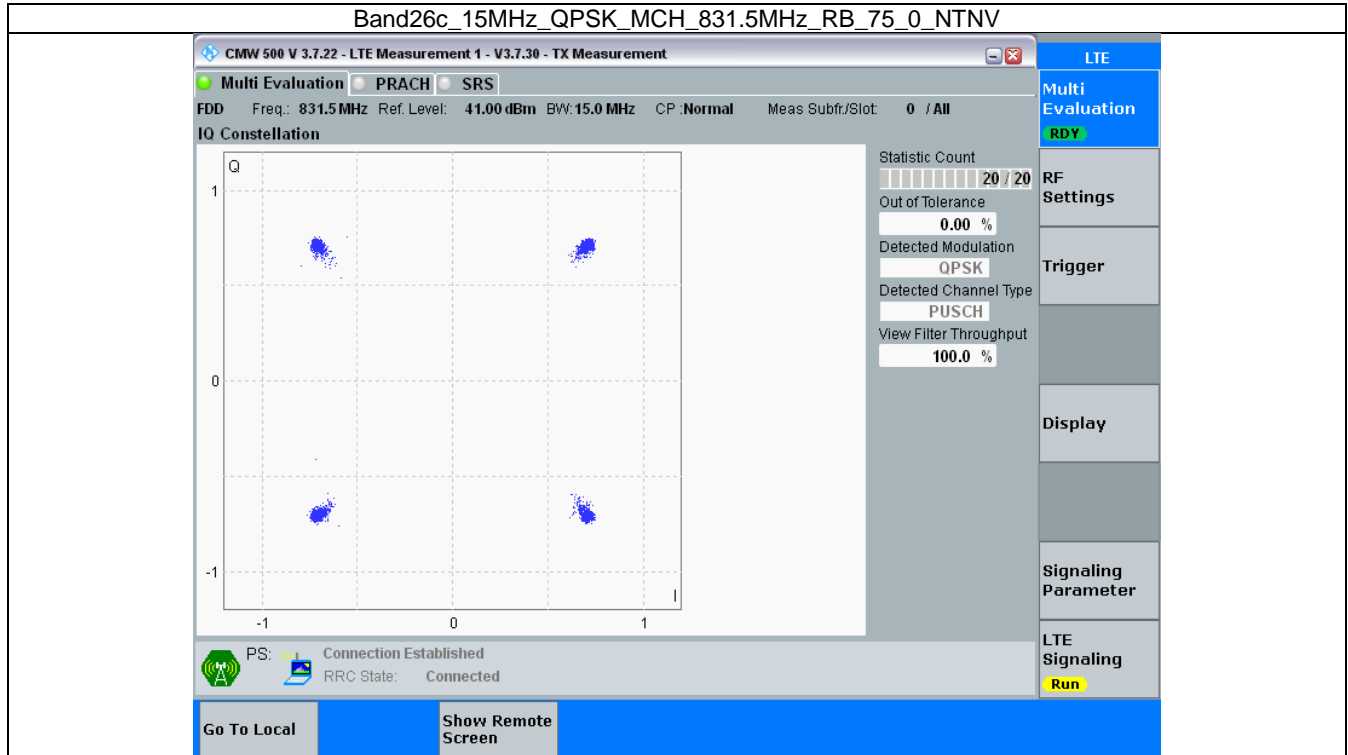
### 3. Modulation Characteristics

#### 3.1 B26c\_15MHz

##### 3.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTNv						
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



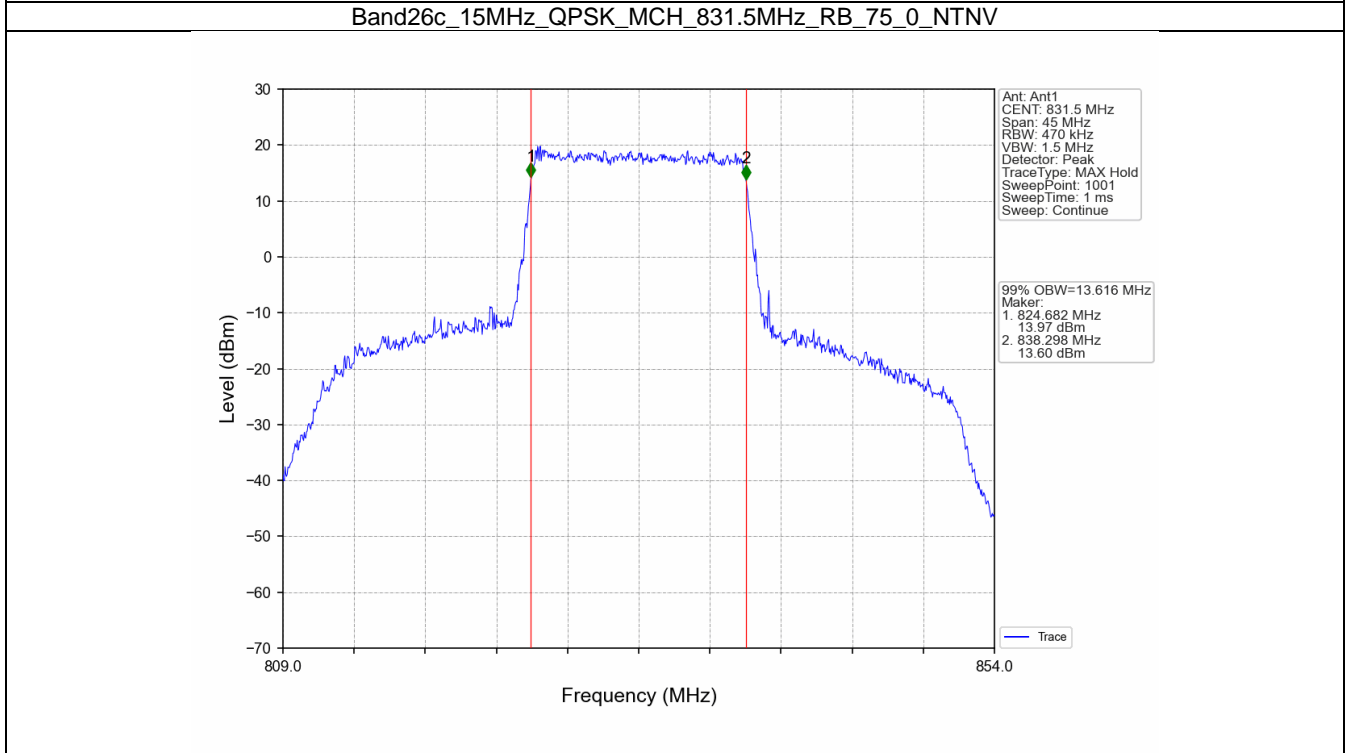
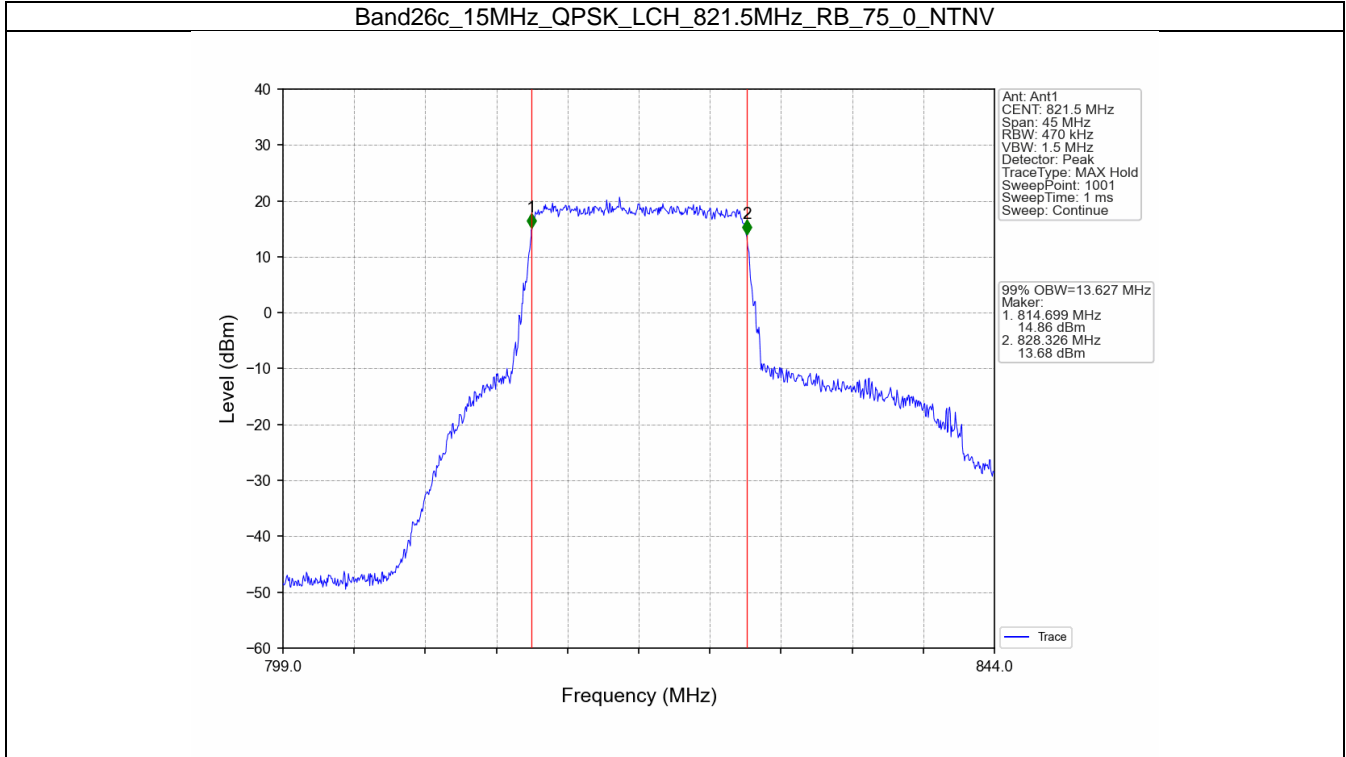
4. 99% & 26dB Bandwidth

4.1 Band26c\_OBW

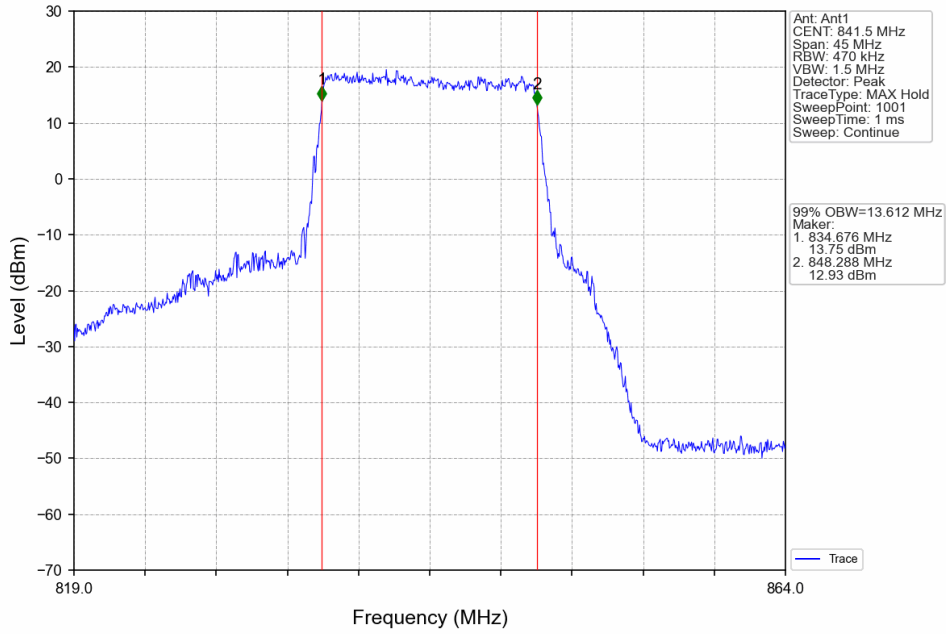
4.1.1 Test Result

Band: 26c / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	13.627	Pass
		831.5	75	0	13.616	Pass
		841.5	75	0	13.612	Pass
	16QAM	821.5	75	0	13.662	Pass
		831.5	75	0	13.646	Pass
		841.5	75	0	13.664	Pass

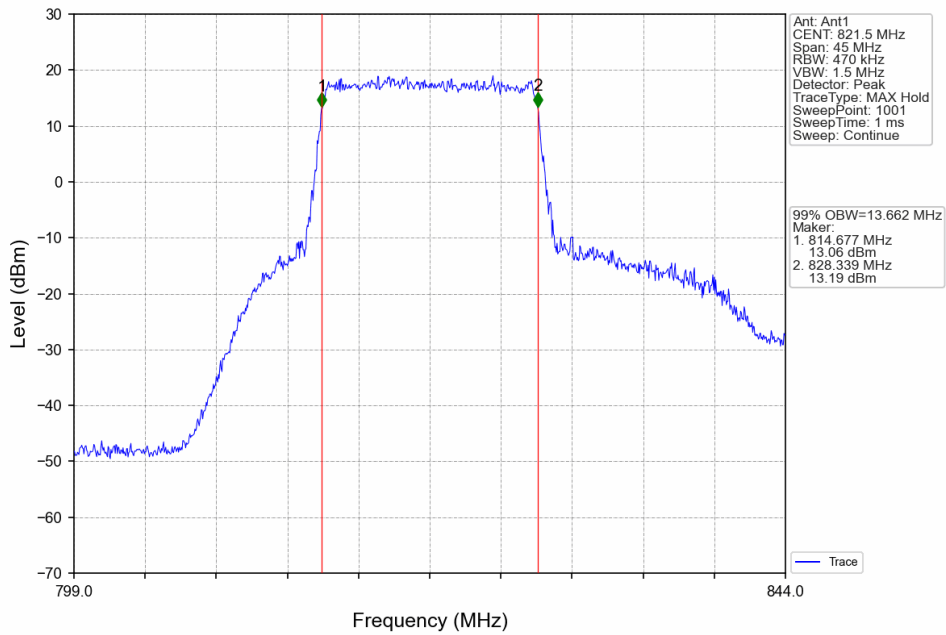
4.1.2 Test Graph



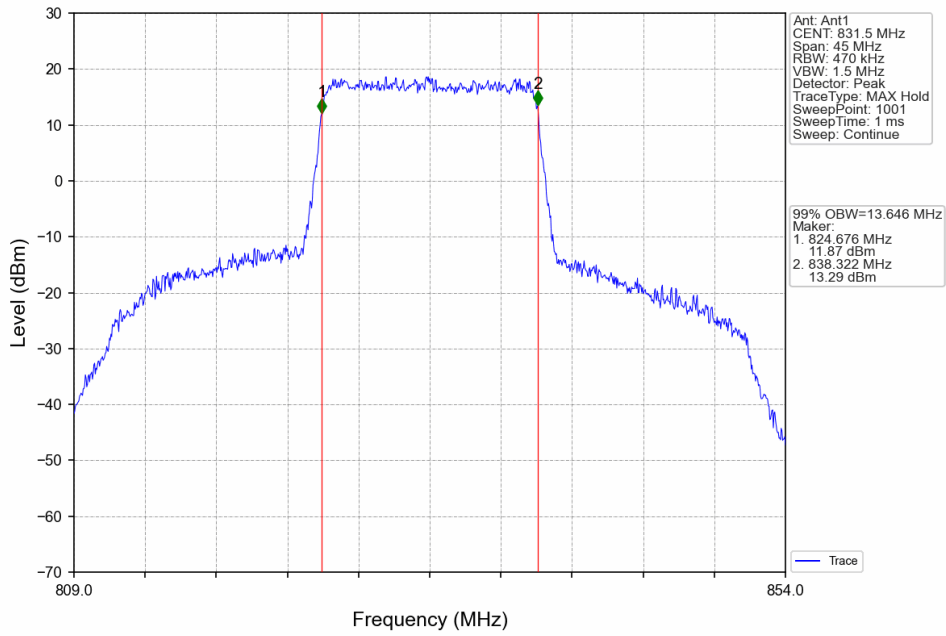
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



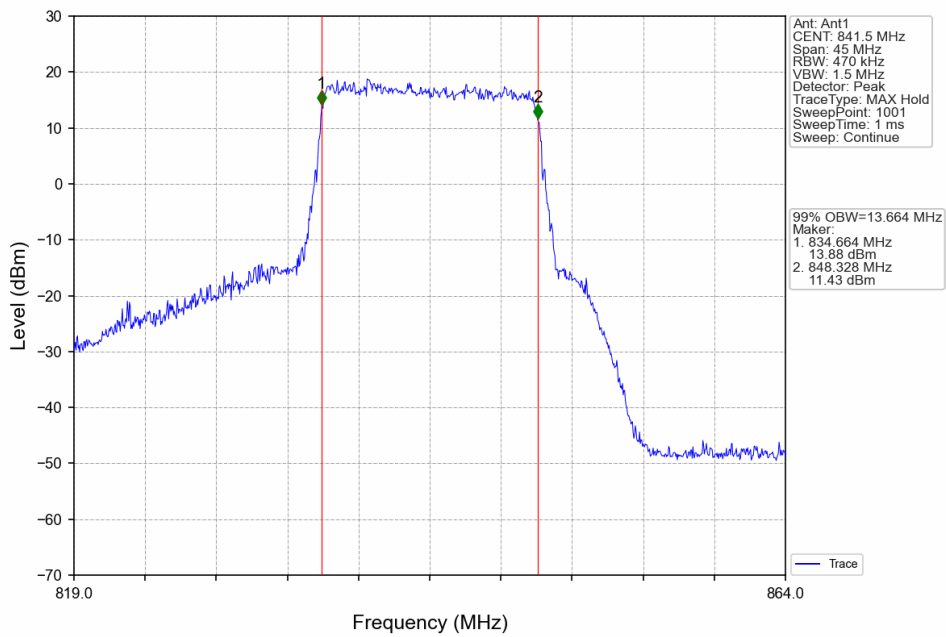
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



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



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



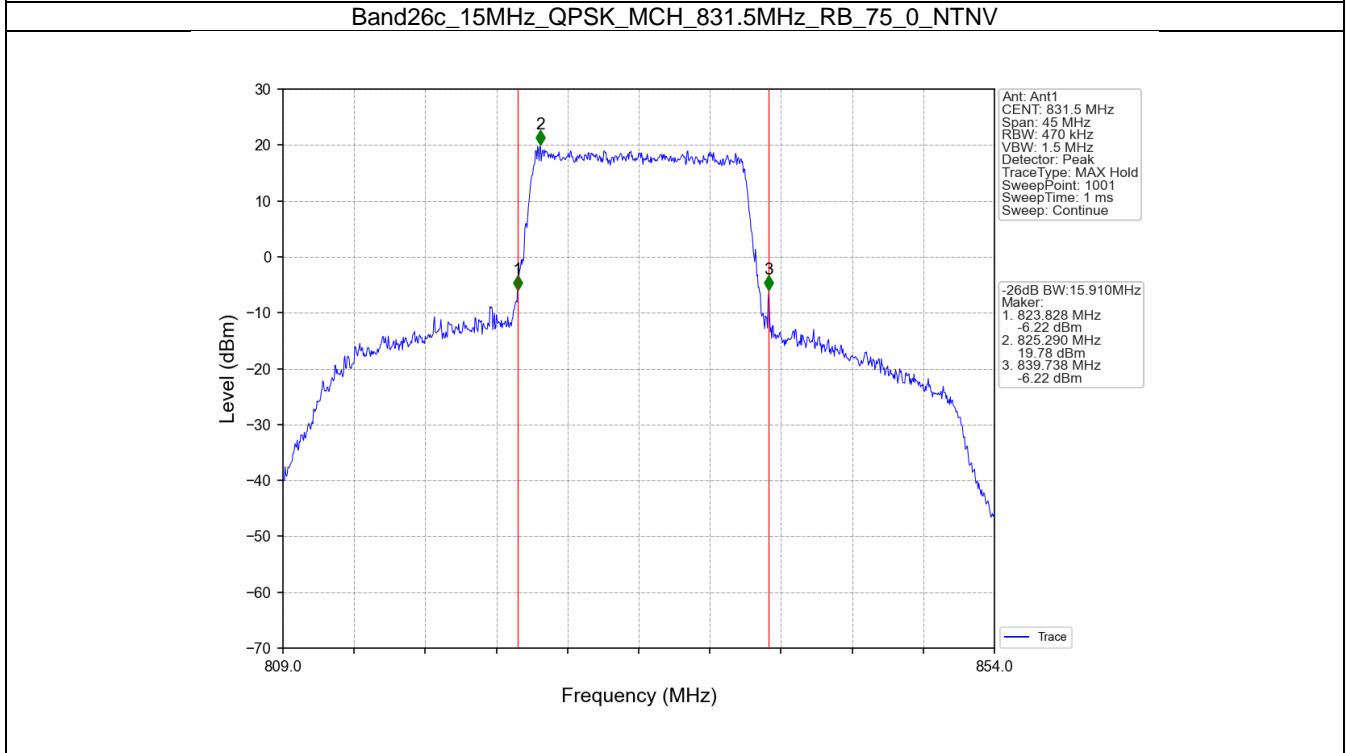
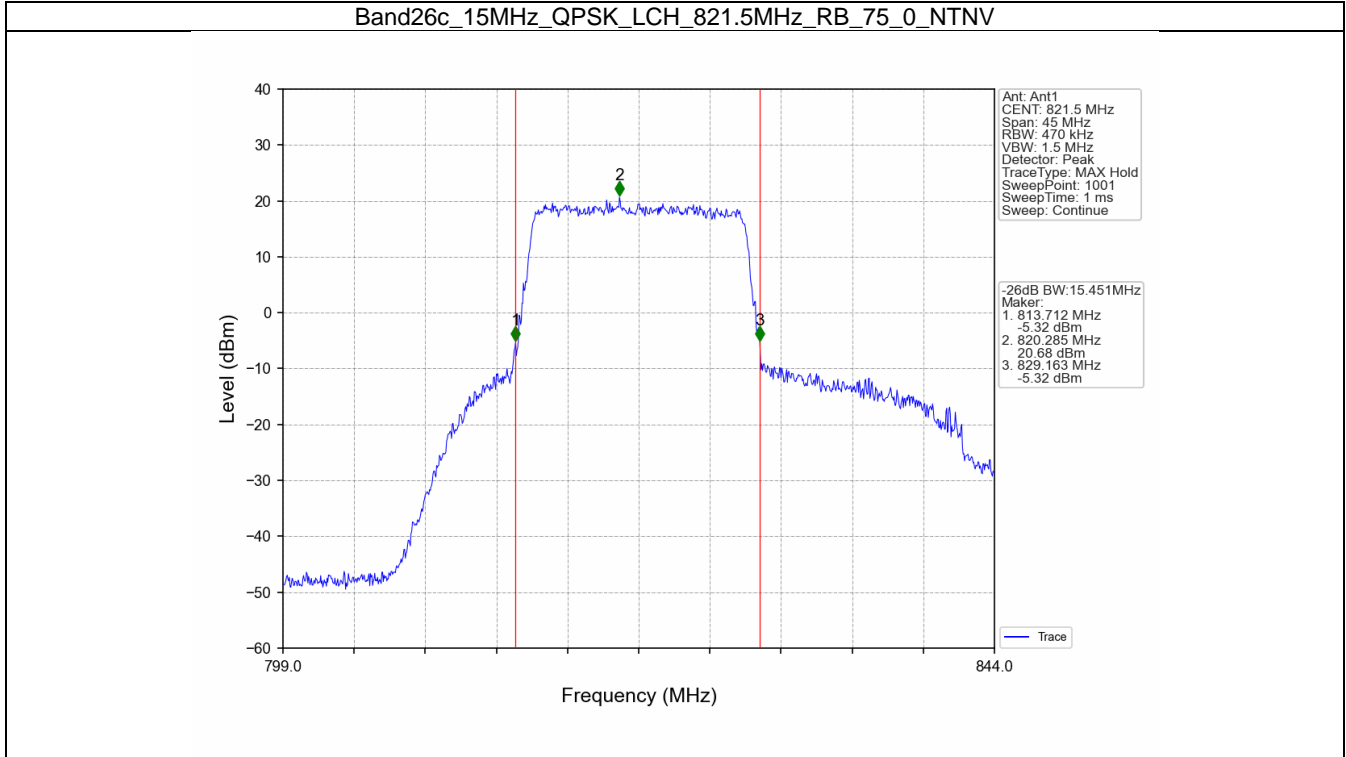


4.2 Band26c\_XDB

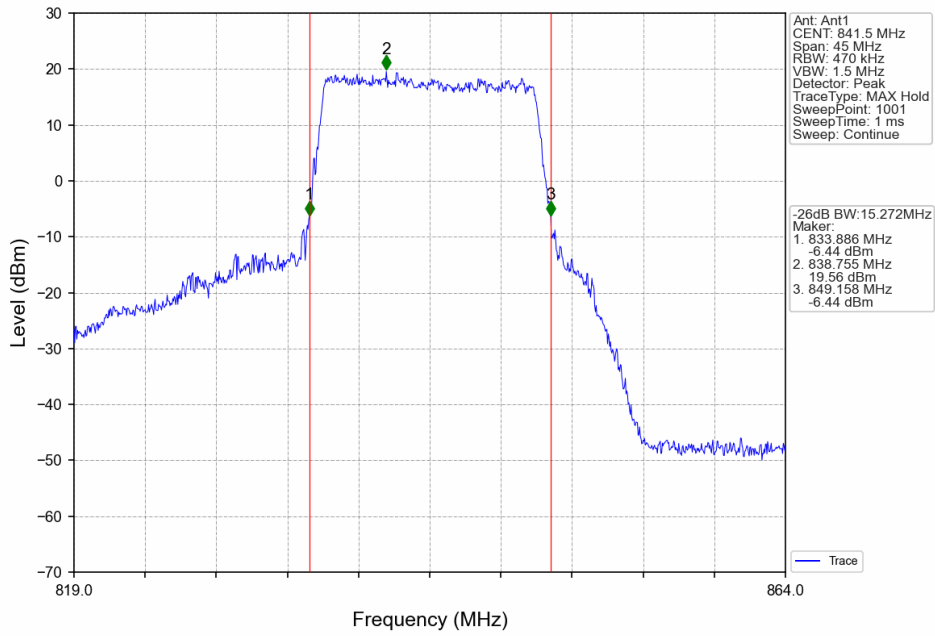
4.2.1 Test Result

Band: 26c / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	821.5	75	0	15.451	Pass
		831.5	75	0	15.910	Pass
		841.5	75	0	15.272	Pass
	16QAM	821.5	75	0	15.459	Pass
		831.5	75	0	15.340	Pass
		841.5	75	0	15.375	Pass

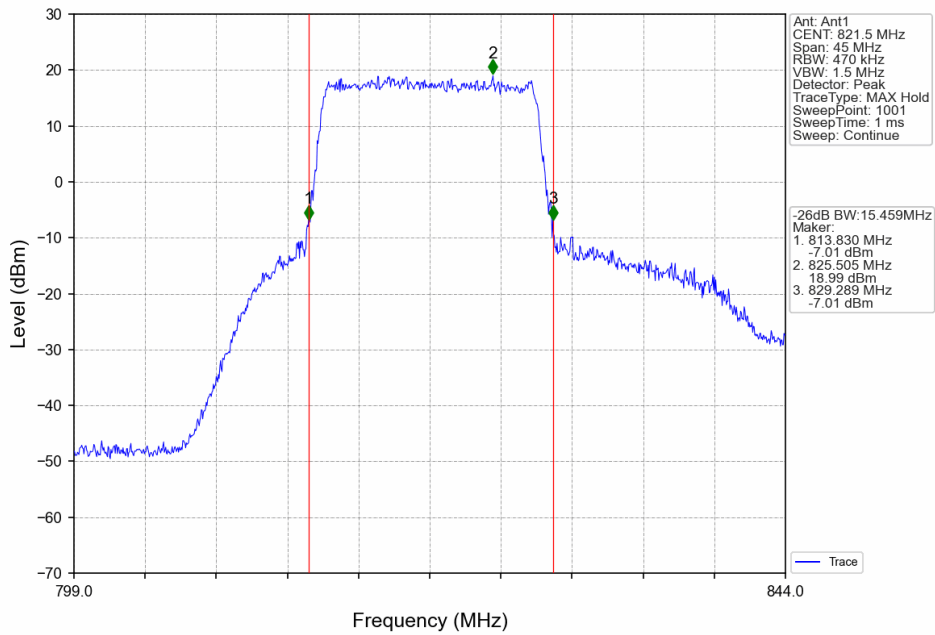
4.2.2 Test Graph



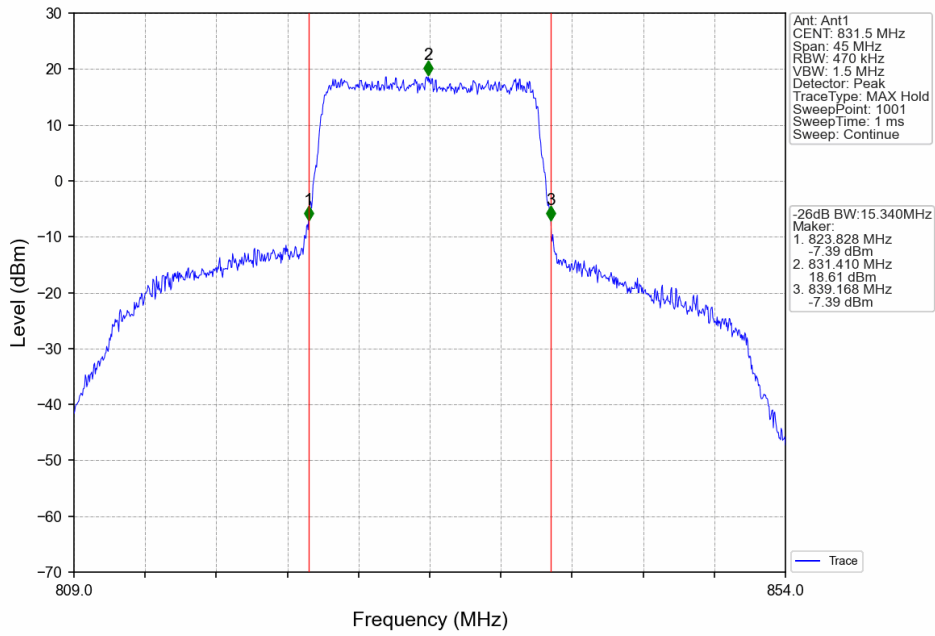
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



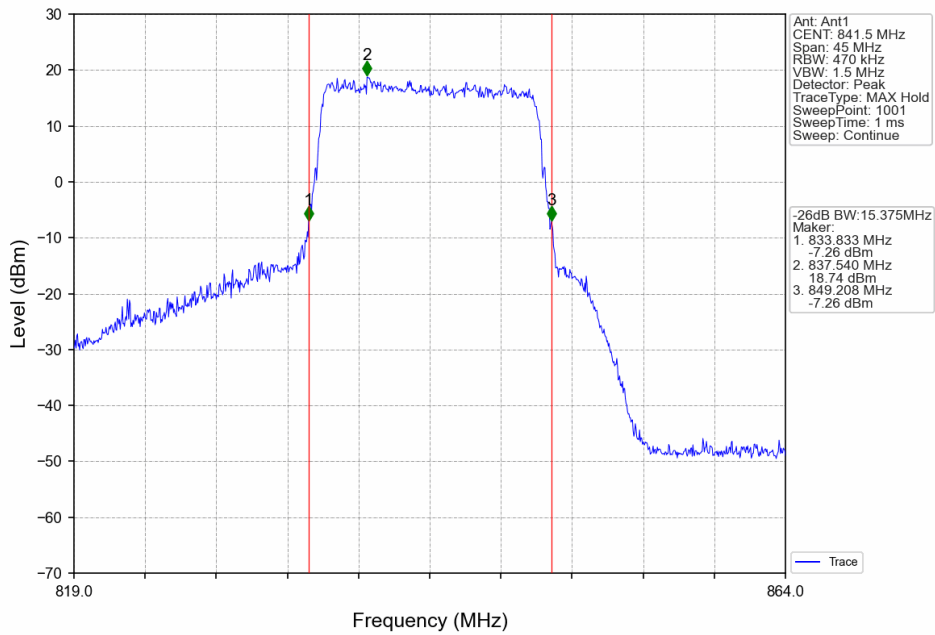
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



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



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



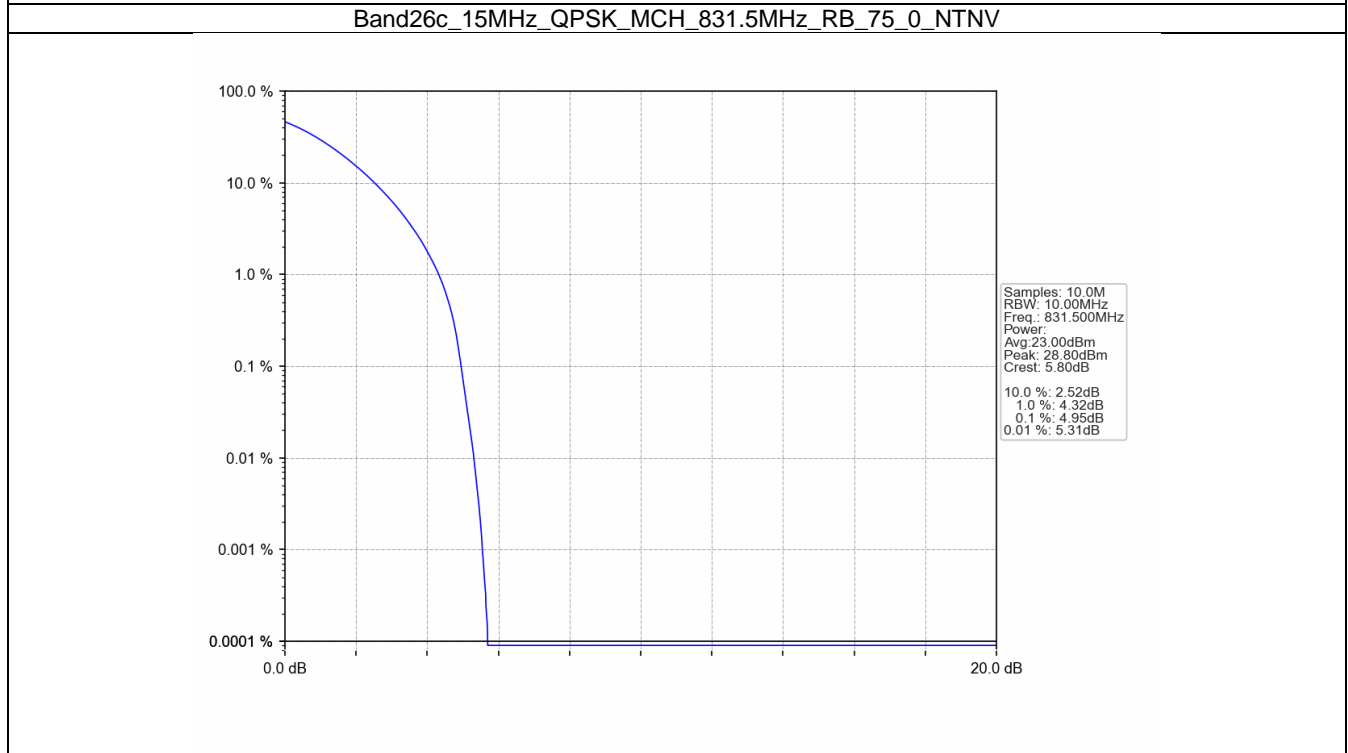
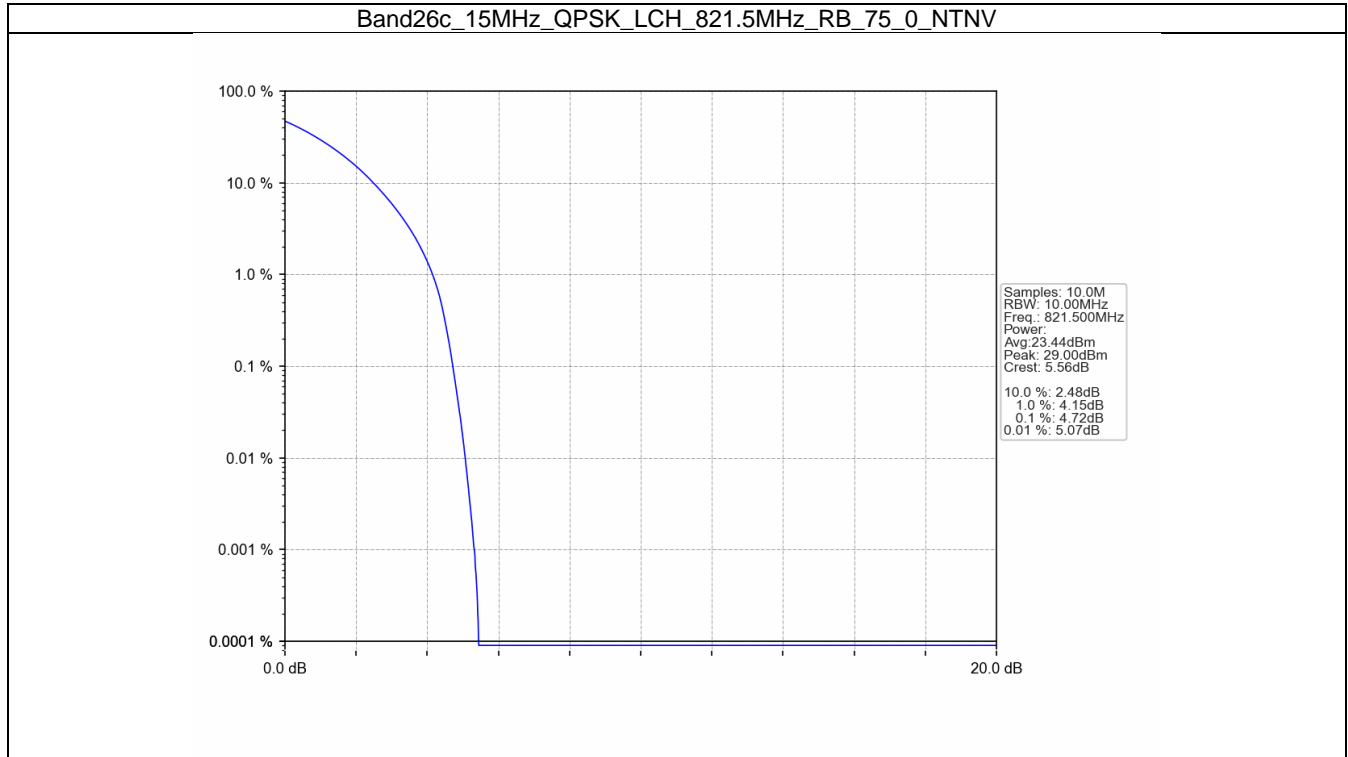
## 5. Peak-Average Ratio

### 5.1 B26c\_15MHz

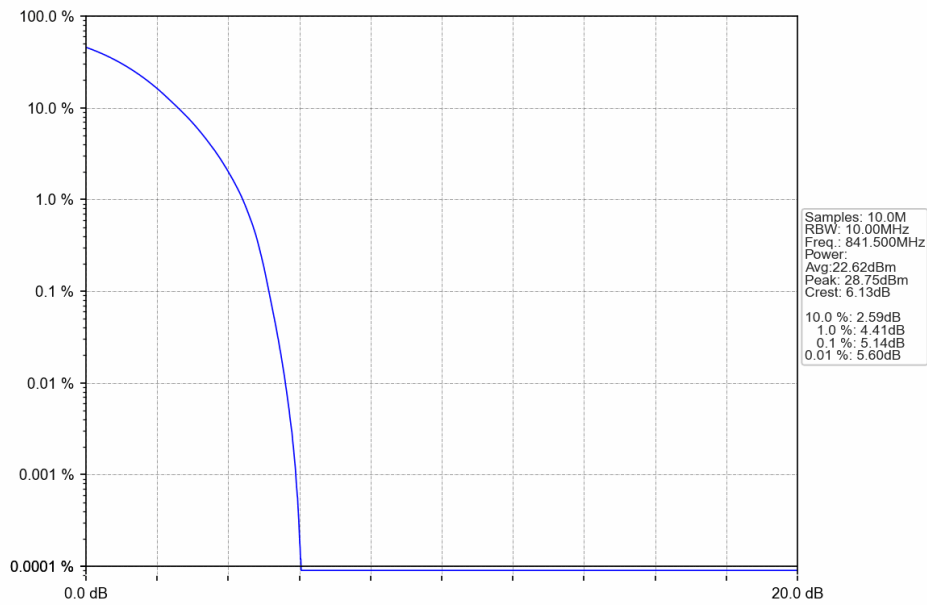
#### 5.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	4.72	<=13	Pass
	831.5	75	0	4.95	<=13	Pass
	841.5	75	0	5.14	<=13	Pass
16QAM	821.5	75	0	5.64	<=13	Pass
	831.5	75	0	5.79	<=13	Pass
	841.5	75	0	5.89	<=13	Pass

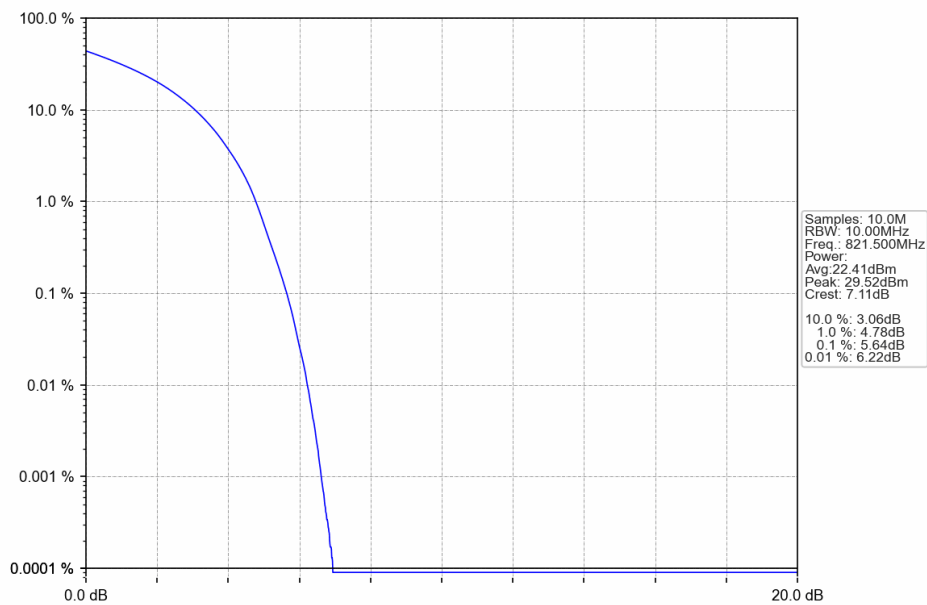
5.1.2 Test Graph



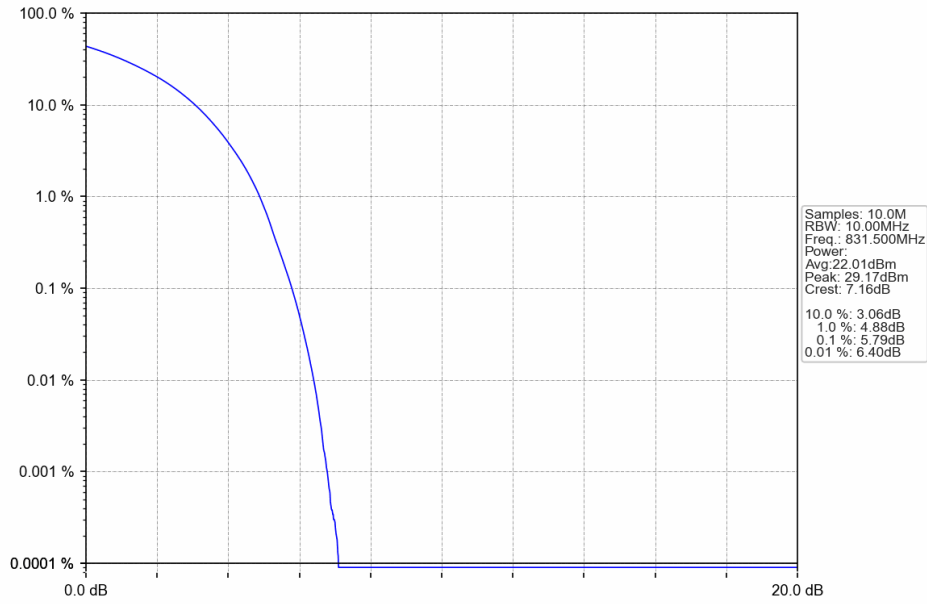
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



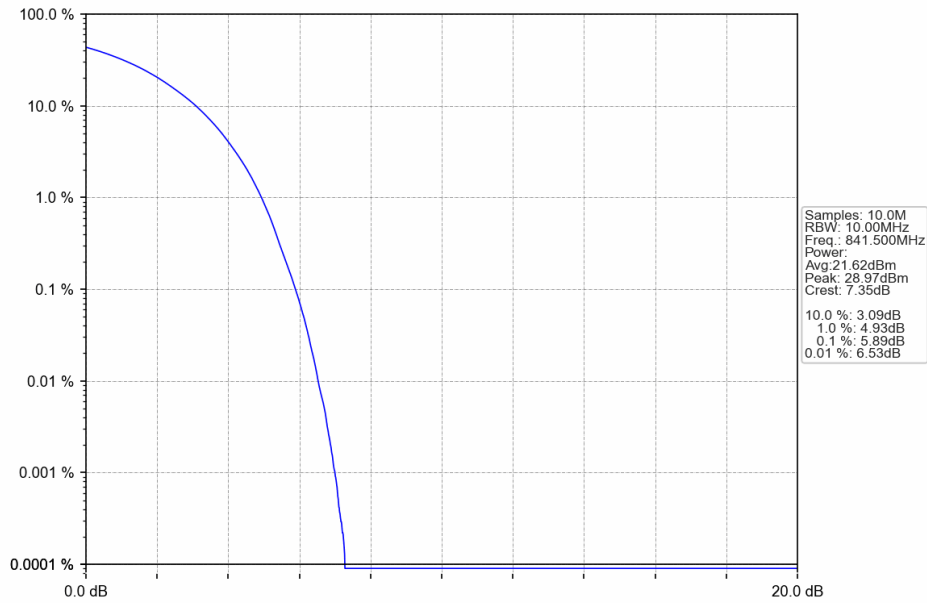
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



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



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





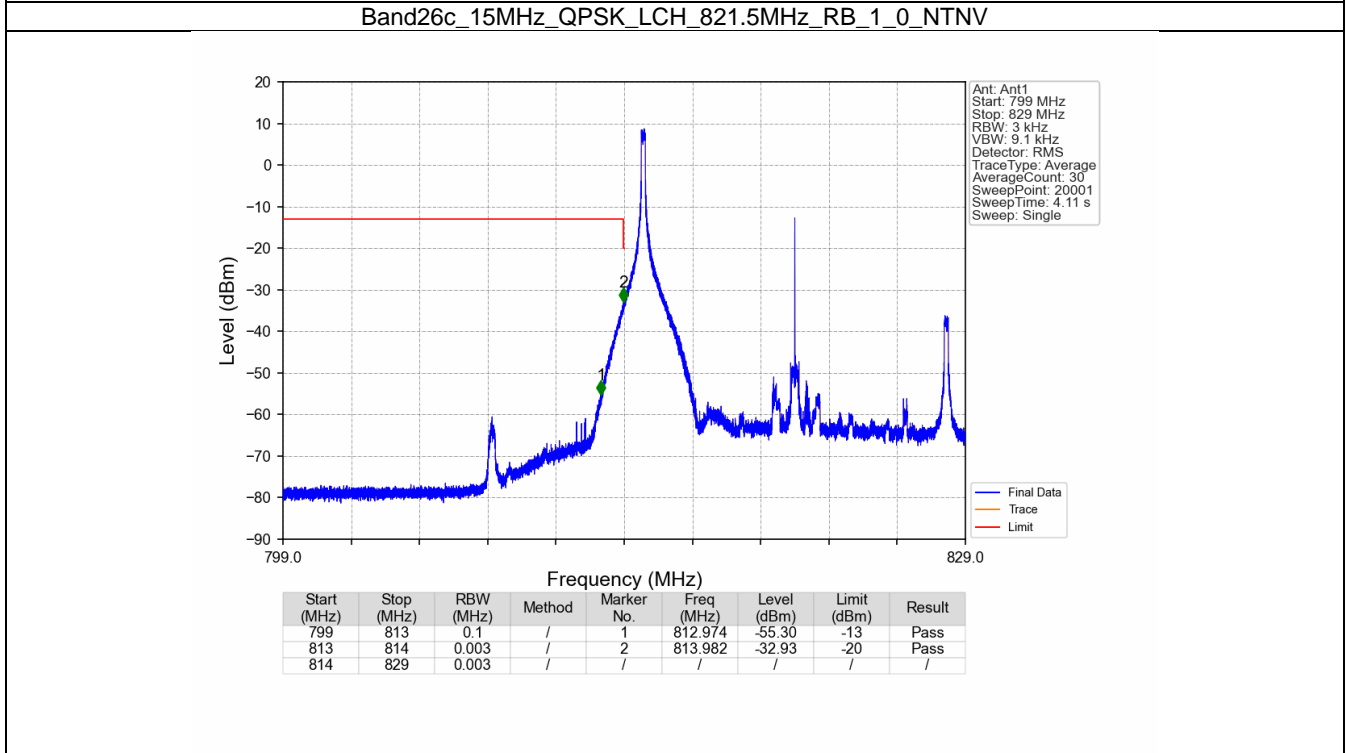
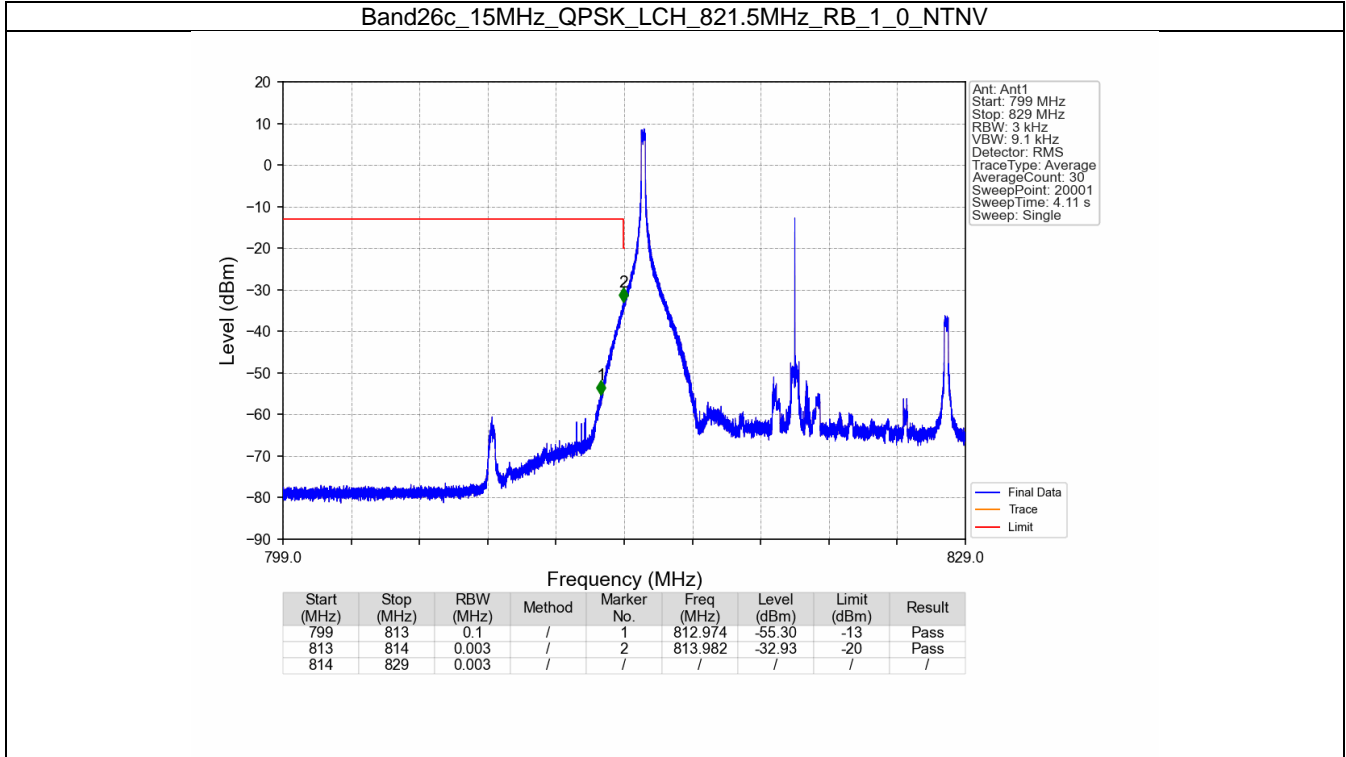
## 6. Spurious Emission

### 6.1 B26c\_15MHz

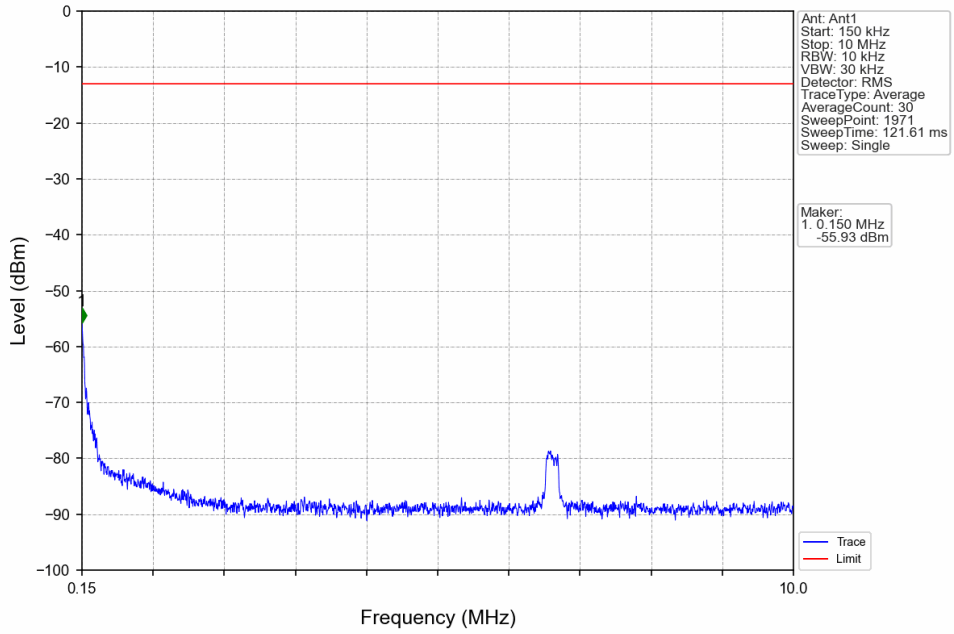
#### 6.1.1 Test Result

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	

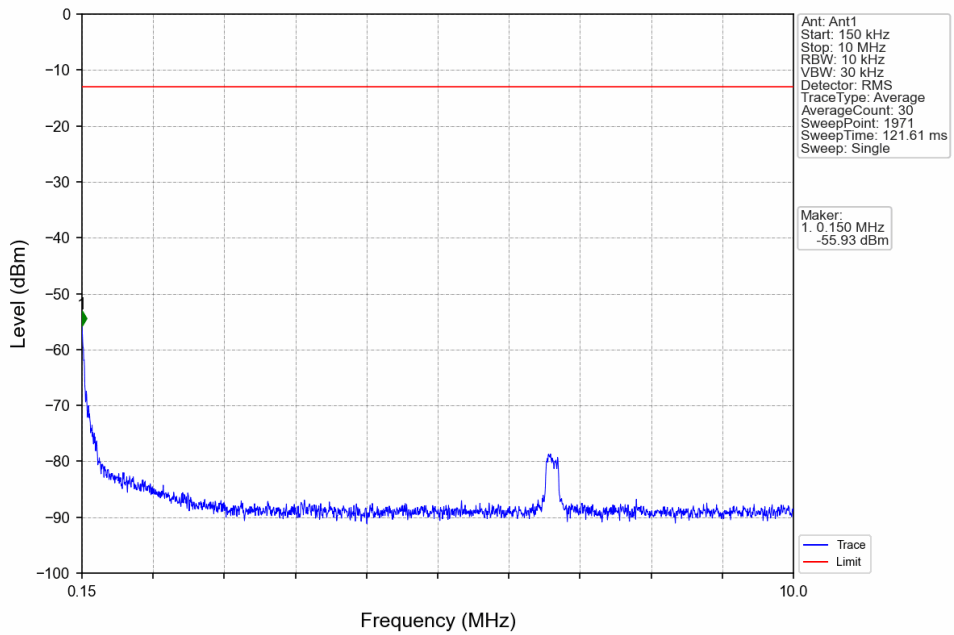
6.1.2 Test Graph



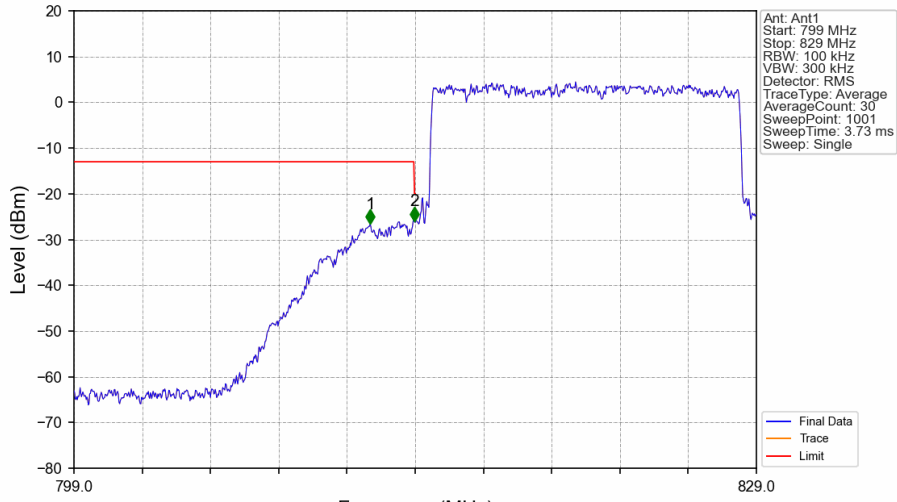
Band26c\_15MHz\_QPSK\_LCH\_821.5MHz\_RB\_1\_0\_NTNV



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

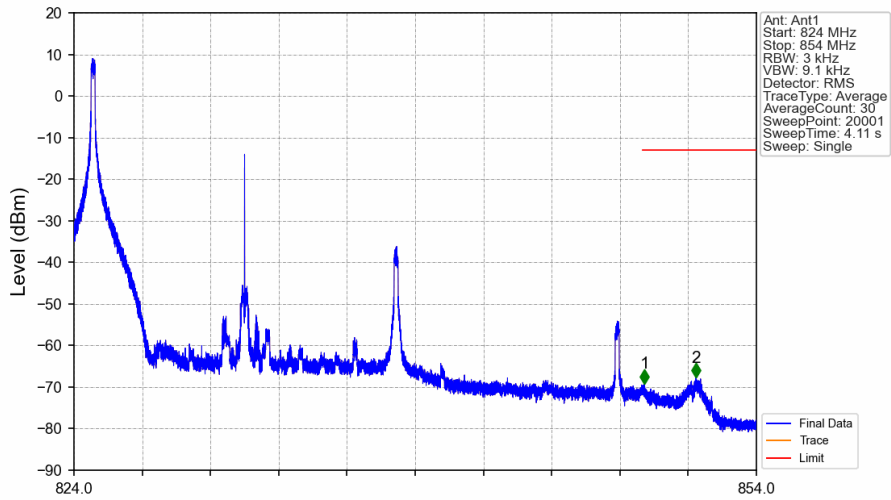


Band26c\_15MHz\_QPSK\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



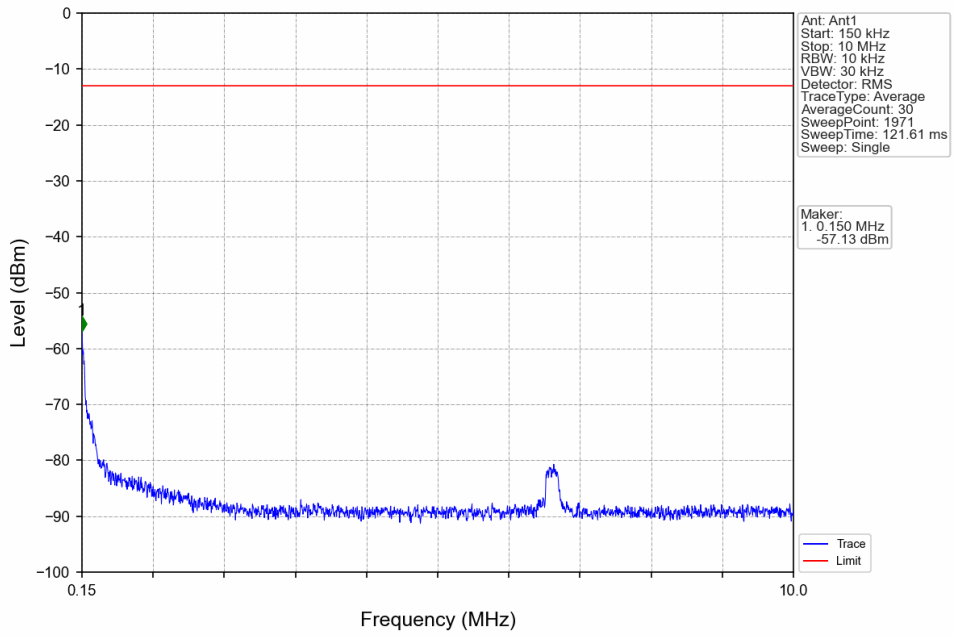
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.020	-26.60	-13	Pass
813	814	0.155	/	2	813.970	-25.96	-20	Pass
814	829	0.155	/	/	/	/	/	/

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

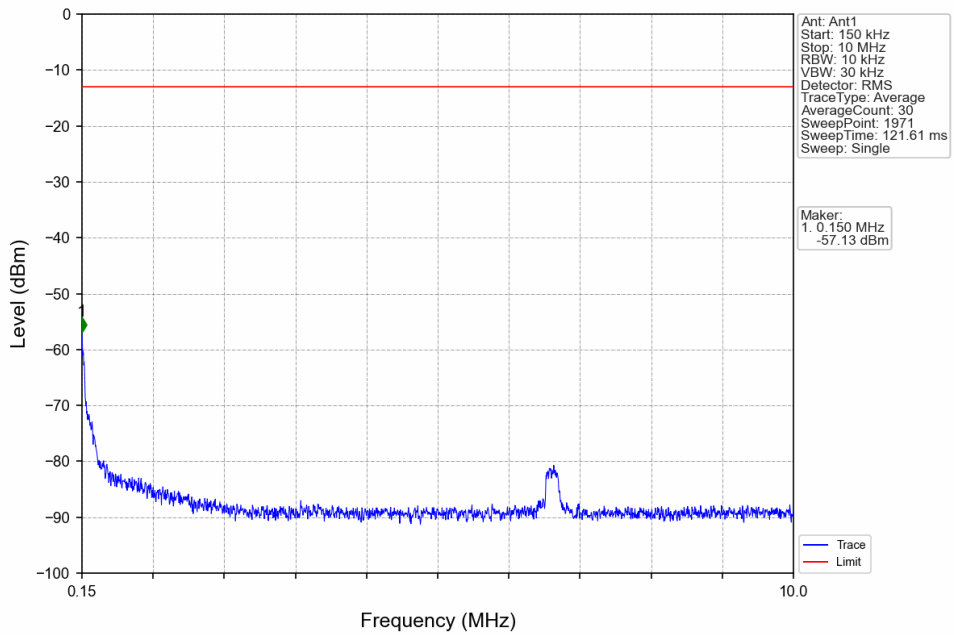


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
824	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.076	-69.17	-13	Pass
850	854	0.1	/	2	851.341	-67.69	-13	Pass

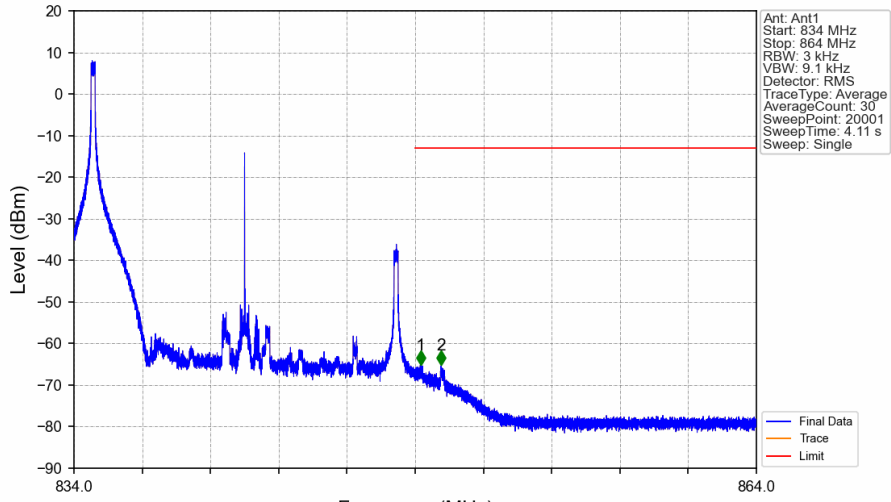
Band26c\_15MHz\_QPSK\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



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

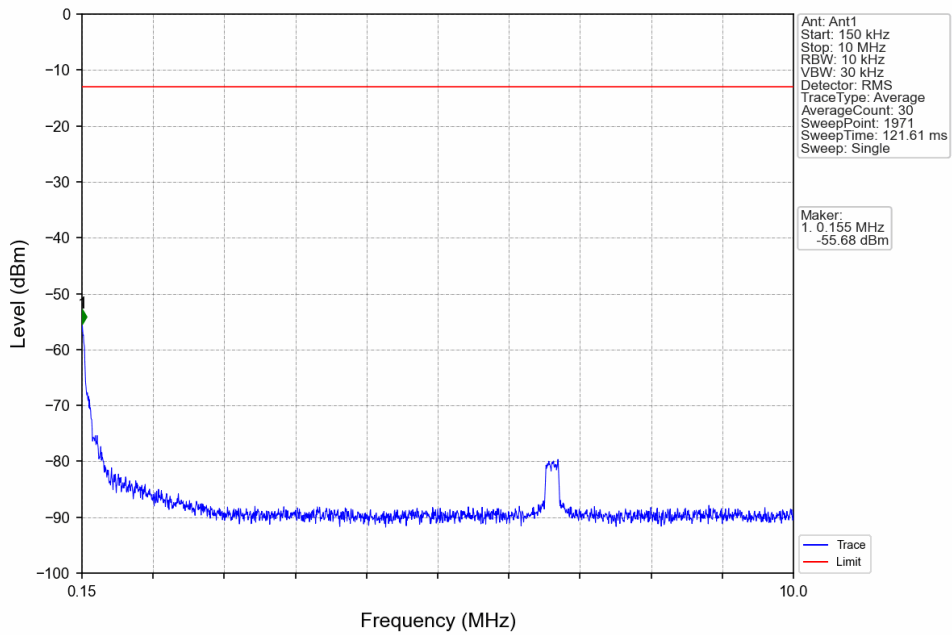


Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_0\_NTNV

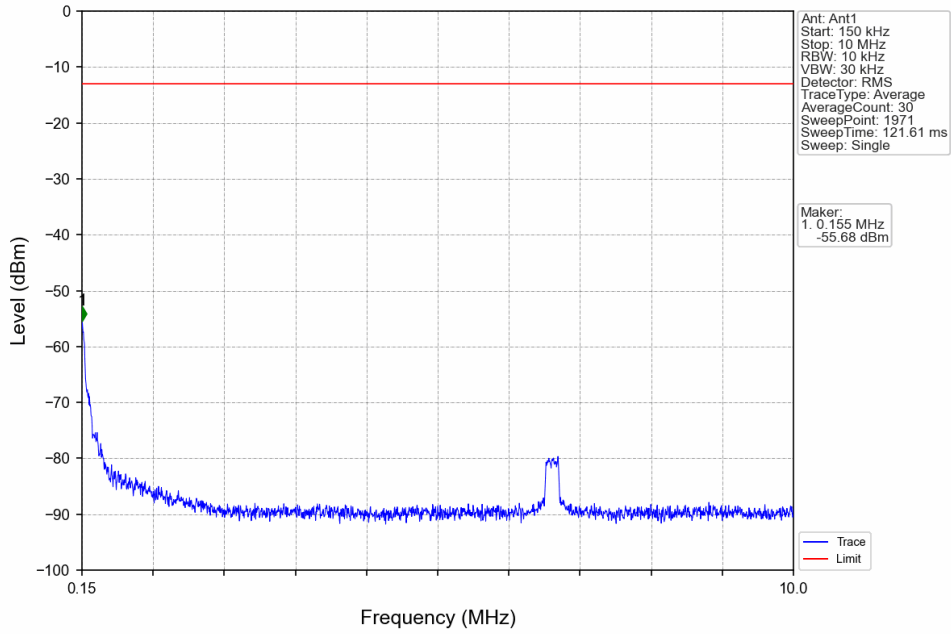


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.247	-65.25	-13	Pass
850	864	0.1	/	2	850.149	-65.22	-13	Pass

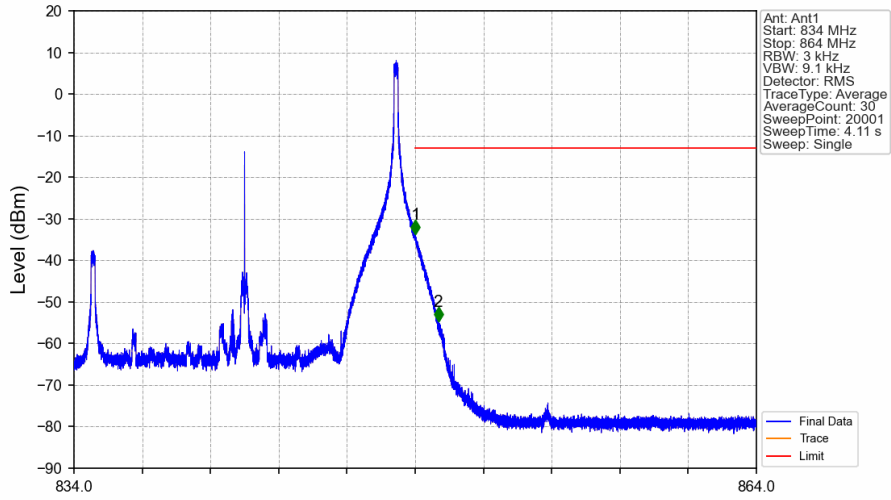
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_0\_NTNV



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

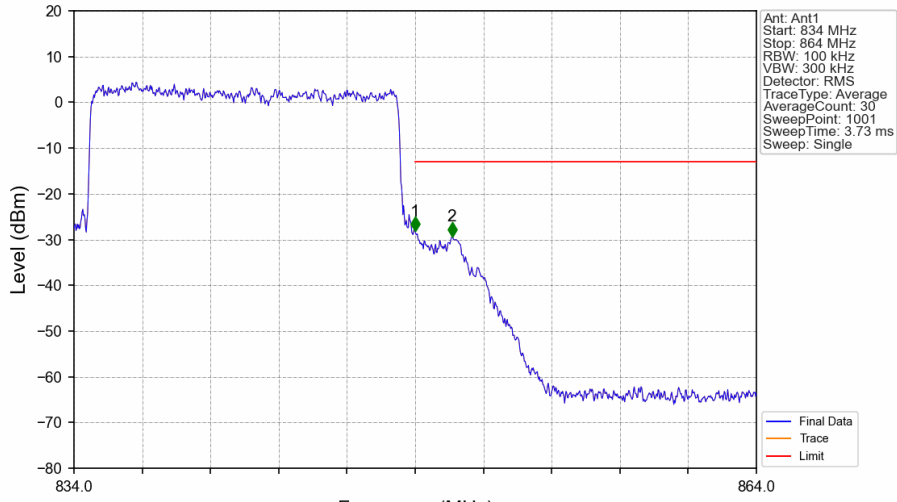


Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



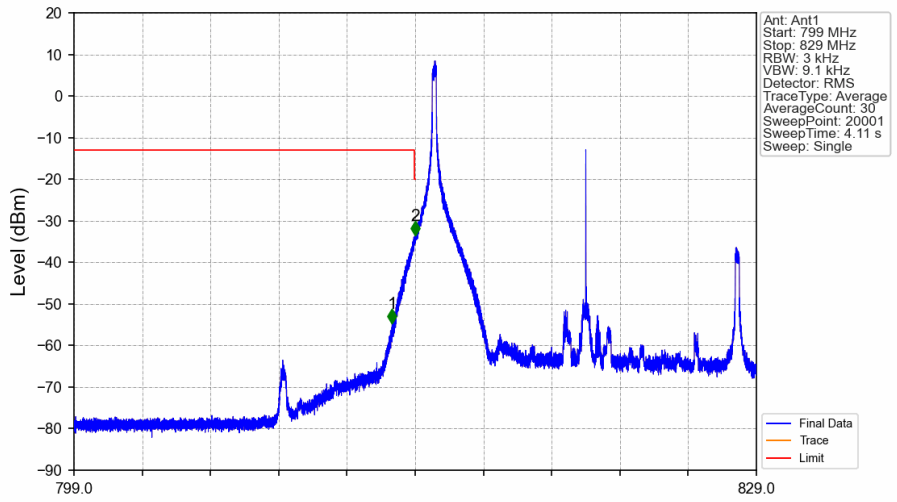
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-33.74	-13	Pass
850	864	0.1	/	2	850.014	-54.70	-13	Pass

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	0.153	/	/	/	/	/	/
849	850	0.153	/	1	849.000	-28.15	-13	Pass
850	864	0.1	/	2	850.620	-29.31	-13	Pass

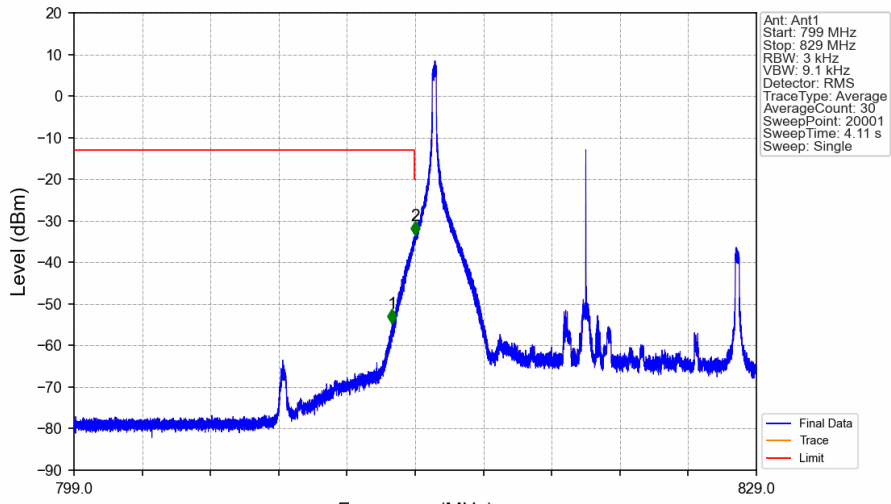
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.987	-54.66	-13	Pass
813	814	0.003	/	2	813.997	-33.60	-20	Pass
814	829	0.003	/	/	/	/	/	/

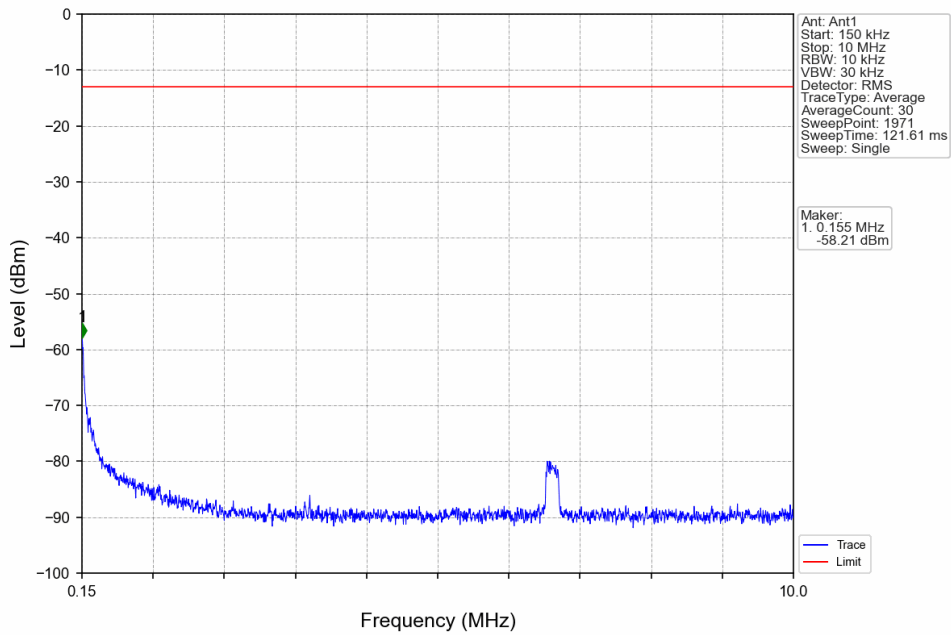


Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV

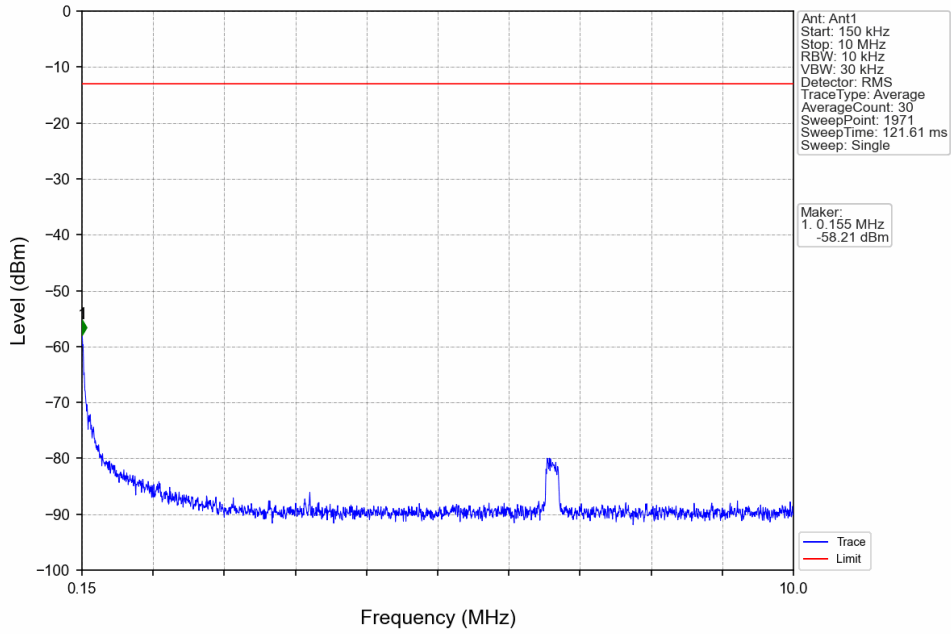


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.987	-54.66	-13	Pass
813	814	0.003	/	2	813.997	-33.60	-20	Pass
814	829	0.003	/	/	/	/	/	/

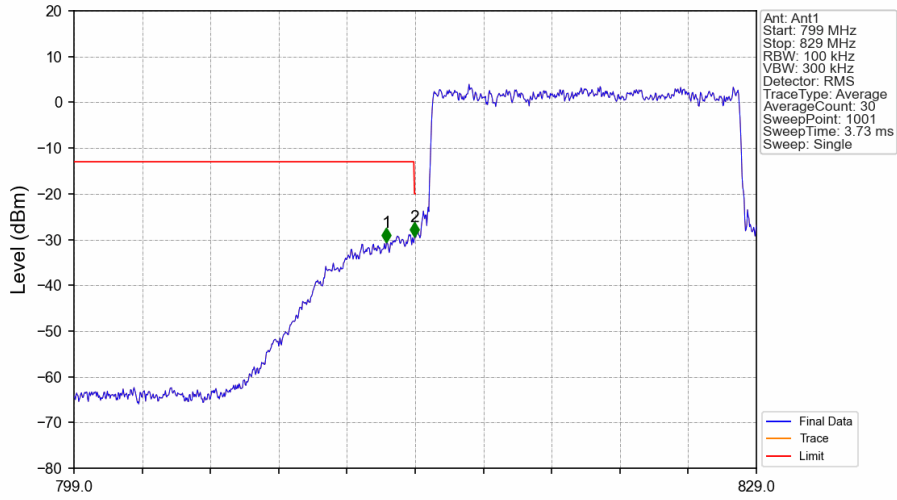
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV



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

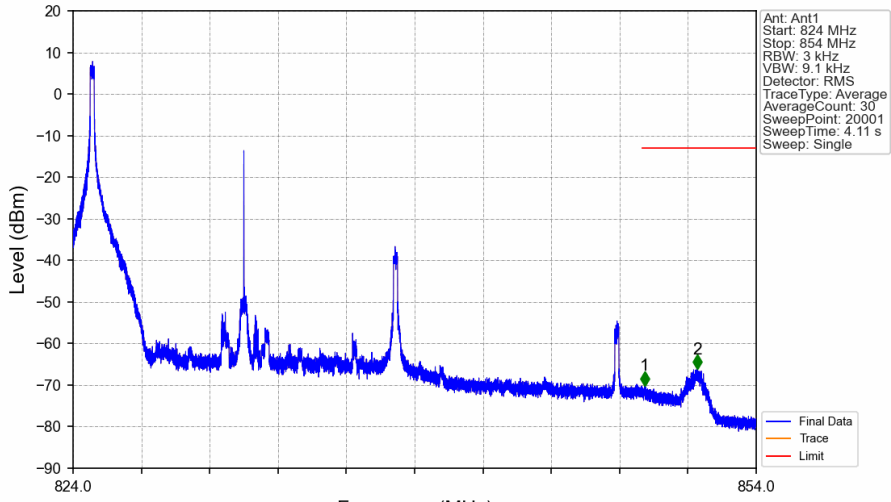


Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



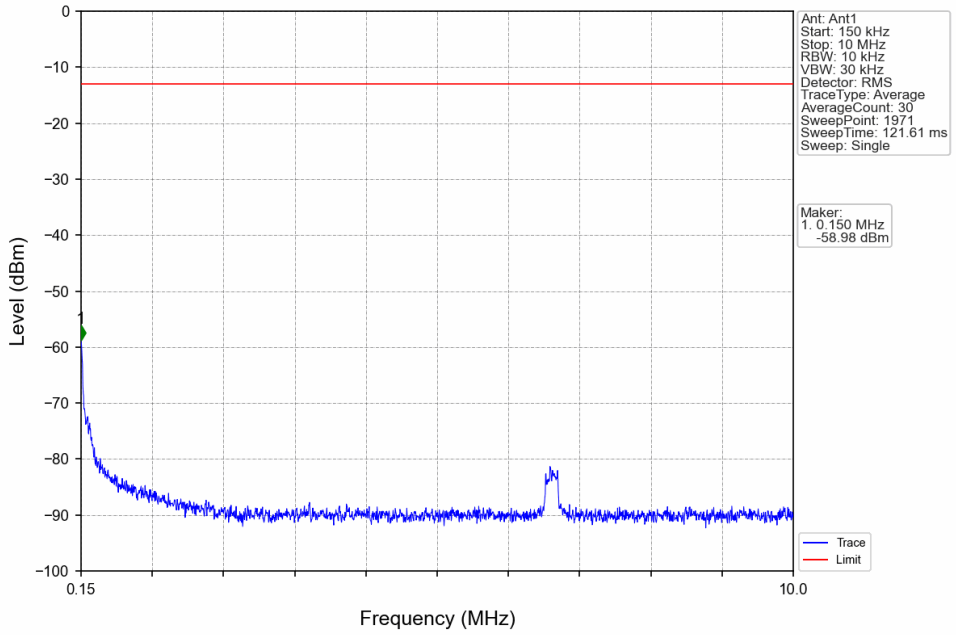
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.740	-30.61	-13	Pass
813	814	0.155	/	2	813.970	-29.34	-20	Pass
814	829	0.155	/	/	/	/	/	/

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

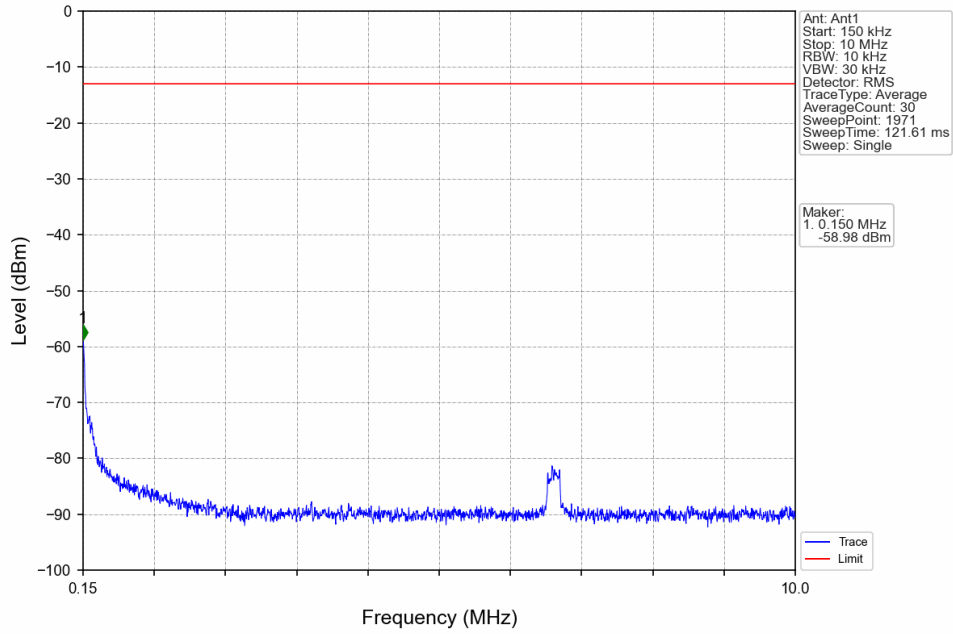


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
824	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.093	-70.11	-13	Pass
850	854	0.1	/	2	851.428	-66.12	-13	Pass

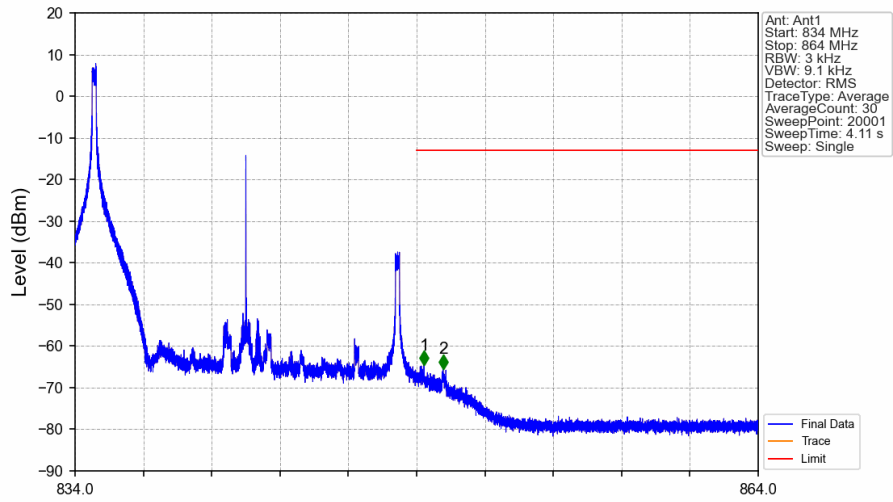
Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



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

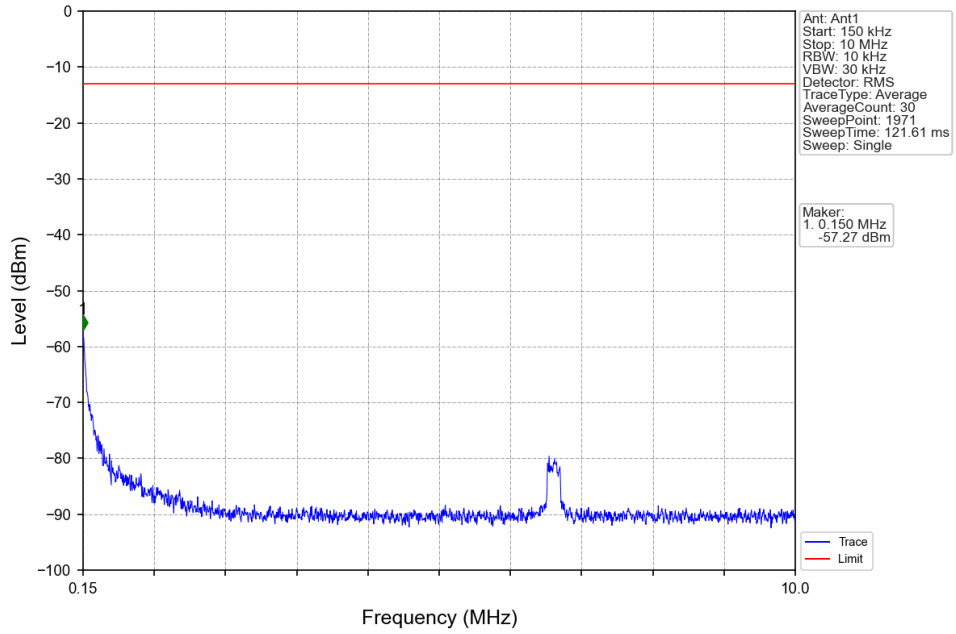


Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_0\_NTNV

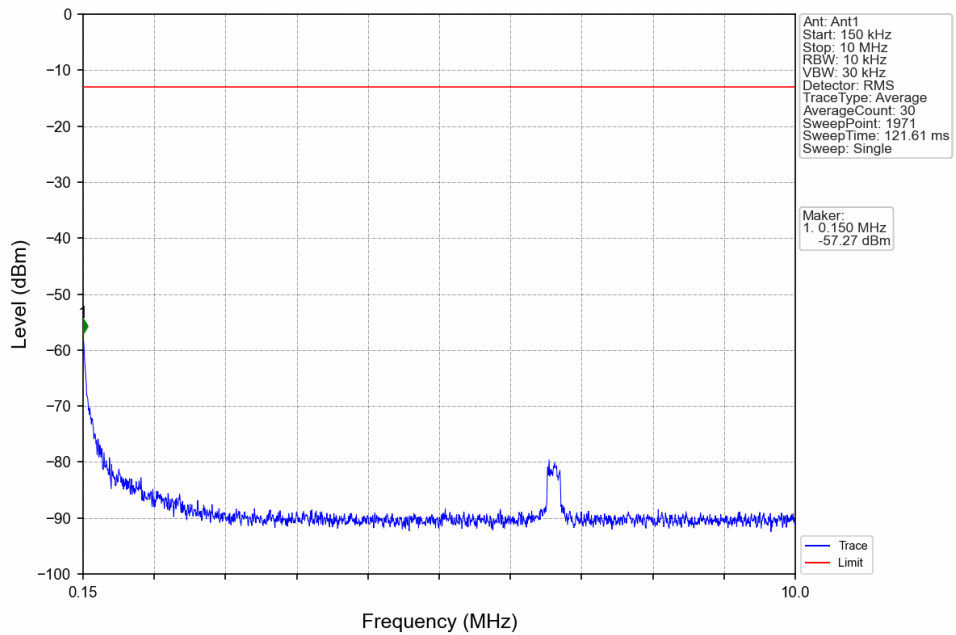


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.322	-64.56	-13	Pass
850	864	0.1	/	2	850.161	-65.46	-13	Pass

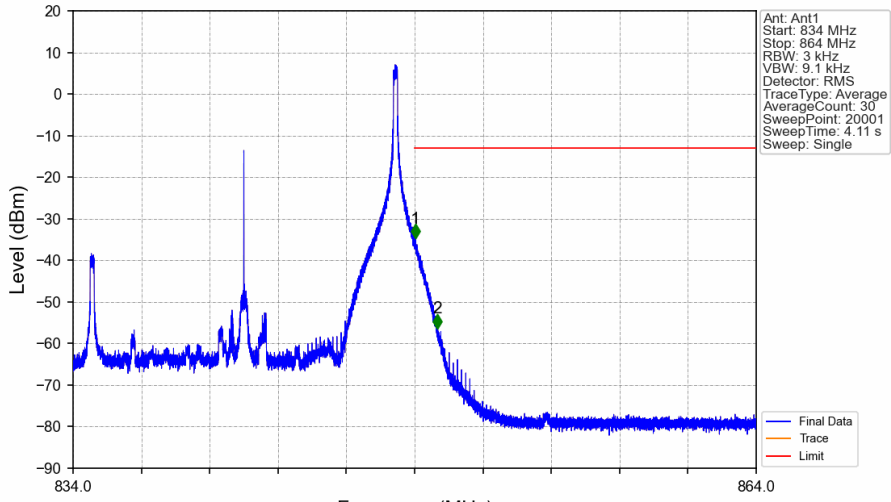
Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_0\_NTNV



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

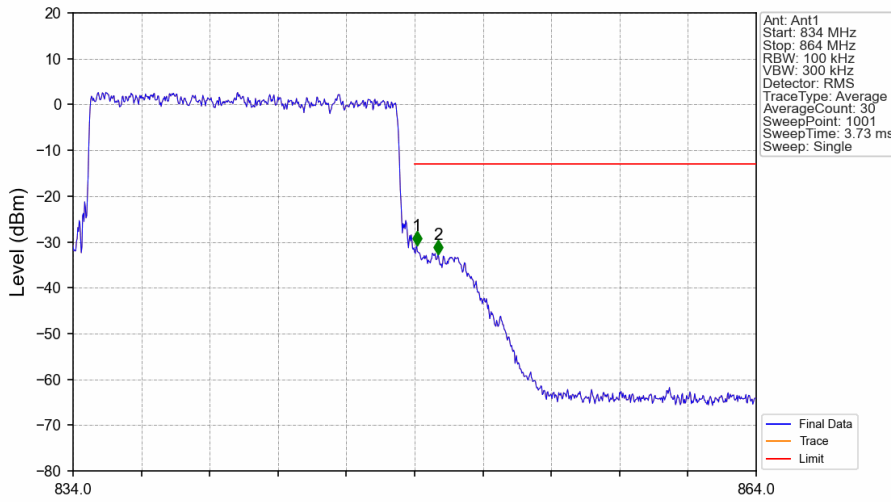


Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



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	849.033	-34.76	-13	Pass
850	864	0.1	/	2	850.008	-56.34	-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	0.154	/	/	/	/	/	/
849	850	0.154	/	1	849.090	-30.83	-13	Pass
850	864	0.1	/	2	850.020	-32.78	-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	0.2477	0.0128	ppm	13M6G7D	/	23.94
26c	15	821.5	841.5	0.2118	0.0107	ppm	13M7W7D	/	23.26

### 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	0.1510	0.0128	ppm	13M6G7D	/	21.79
26c	15	821.5	841.5	0.1291	0.0107	ppm	13M7W7D	/	21.11