

**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	22.82	-0.36	20.31	<=38.45	Pass		
			38	23.04	-0.36	20.53	<=38.45	Pass		
			74	23.07	-0.36	20.56	<=38.45	Pass		
		36	0	21.86	-0.36	19.35	<=38.45	Pass		
			18	22.01	-0.36	19.50	<=38.45	Pass		
			39	22.15	-0.36	19.64	<=38.45	Pass		
		75	0	21.97	-0.36	19.46	<=38.45	Pass		
		831.5	1	0	23.16	-0.36	20.65	<=38.45	Pass	
				38	23.32	-0.36	20.81	<=38.45	Pass	
	74			23.31	-0.36	20.80	<=38.45	Pass		
	36		0	22.15	-0.36	19.64	<=38.45	Pass		
			18	22.31	-0.36	19.80	<=38.45	Pass		
			39	22.39	-0.36	19.88	<=38.45	Pass		
	75		0	22.40	-0.36	19.89	<=38.45	Pass		
	841.5		1	0	23.63	-0.36	21.12	<=38.45	Pass	
				38	23.23	-0.36	20.72	<=38.45	Pass	
		74		22.82	-0.36	20.31	<=38.45	Pass		
		36	0	22.40	-0.36	19.89	<=38.45	Pass		
			18	22.27	-0.36	19.76	<=38.45	Pass		
			39	21.99	-0.36	19.48	<=38.45	Pass		
		75	0	22.21	-0.36	19.70	<=38.45	Pass		
		16QAM	821.5	1	0	22.13	-0.36	19.62	<=38.45	Pass
					38	22.50	-0.36	19.99	<=38.45	Pass
	74				22.62	-0.36	20.11	<=38.45	Pass	
36	0			20.89	-0.36	18.38	<=38.45	Pass		
	18			21.03	-0.36	18.52	<=38.45	Pass		
	39			21.21	-0.36	18.70	<=38.45	Pass		
75	0			21.06	-0.36	18.55	<=38.45	Pass		
831.5	1			0	22.37	-0.36	19.86	<=38.45	Pass	
				38	22.52	-0.36	20.01	<=38.45	Pass	
			74	22.97	-0.36	20.46	<=38.45	Pass		
	36		0	21.14	-0.36	18.63	<=38.45	Pass		
			18	21.38	-0.36	18.87	<=38.45	Pass		
			39	21.40	-0.36	18.89	<=38.45	Pass		
	75		0	21.33	-0.36	18.82	<=38.45	Pass		
	841.5		1	0	22.51	-0.36	20.00	<=38.45	Pass	
				38	22.48	-0.36	19.97	<=38.45	Pass	
74				21.79	-0.36	19.28	<=38.45	Pass		
36			0	21.50	-0.36	18.99	<=38.45	Pass		
			18	21.34	-0.36	18.83	<=38.45	Pass		
			39	21.09	-0.36	18.58	<=38.45	Pass		
75			0	21.32	-0.36	18.81	<=38.45	Pass		
64QAM			821.5	1	0	20.40	-0.36	17.89	<=38.45	Pass
					38	21.72	-0.36	19.21	<=38.45	Pass
	74				21.79	-0.36	19.28	<=38.45	Pass	
	36	0		19.90	-0.36	17.39	<=38.45	Pass		
		18		19.98	-0.36	17.47	<=38.45	Pass		

			39	20.25	-0.36	17.74	<=38.45	Pass	
		75	0	20.19	-0.36	17.68	<=38.45	Pass	
	831.5	1		0	20.86	-0.36	18.35	<=38.45	Pass
				38	21.21	-0.36	18.70	<=38.45	Pass
				74	21.08	-0.36	18.57	<=38.45	Pass
		36		0	20.09	-0.36	17.58	<=38.45	Pass
				18	20.41	-0.36	17.90	<=38.45	Pass
				39	20.22	-0.36	17.71	<=38.45	Pass
	75		0	20.11	-0.36	17.60	<=38.45	Pass	
	841.5	1		0	21.89	-0.36	19.38	<=38.45	Pass
				38	21.54	-0.36	19.03	<=38.45	Pass
				74	21.15	-0.36	18.64	<=38.45	Pass
		36		0	20.47	-0.36	17.96	<=38.45	Pass
				18	20.22	-0.36	17.71	<=38.45	Pass
				39	19.95	-0.36	17.44	<=38.45	Pass
		75		0	20.24	-0.36	17.73	<=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	6.12	1.187	0.0014	-2.5 to 2.5	Pass
					7.20	1.445	0.0018	-2.5 to 2.5	Pass
					8.28	1.130	0.0014	-2.5 to 2.5	Pass
				-30	7.20	1.187	0.0014	-2.5 to 2.5	Pass
				-20	7.20	1.559	0.0019	-2.5 to 2.5	Pass
				-10	7.20	1.130	0.0014	-2.5 to 2.5	Pass
				0	7.20	1.144	0.0014	-2.5 to 2.5	Pass
				10	7.20	0.615	0.0007	-2.5 to 2.5	Pass
				30	7.20	0.930	0.0011	-2.5 to 2.5	Pass
				40	7.20	1.616	0.0020	-2.5 to 2.5	Pass
	50	7.20	0.787	0.0010	-2.5 to 2.5	Pass			
	831.5	75	0	20	6.12	2.389	0.0029	-2.5 to 2.5	Pass
					7.20	2.260	0.0027	-2.5 to 2.5	Pass
					8.28	2.789	0.0034	-2.5 to 2.5	Pass
				-30	7.20	3.176	0.0038	-2.5 to 2.5	Pass
				-20	7.20	2.403	0.0029	-2.5 to 2.5	Pass
				-10	7.20	2.775	0.0033	-2.5 to 2.5	Pass
				0	7.20	2.947	0.0035	-2.5 to 2.5	Pass
				10	7.20	2.174	0.0026	-2.5 to 2.5	Pass
				30	7.20	2.089	0.0025	-2.5 to 2.5	Pass
				40	7.20	2.089	0.0025	-2.5 to 2.5	Pass
	50	7.20	1.702	0.0020	-2.5 to 2.5	Pass			
	841.5	75	0	20	6.12	1.616	0.0019	-2.5 to 2.5	Pass
					7.20	1.245	0.0015	-2.5 to 2.5	Pass
					8.28	0.157	0.0002	-2.5 to 2.5	Pass
				-30	7.20	0.157	0.0002	-2.5 to 2.5	Pass
				-20	7.20	1.473	0.0018	-2.5 to 2.5	Pass
				-10	7.20	0.386	0.0005	-2.5 to 2.5	Pass
				0	7.20	0.415	0.0005	-2.5 to 2.5	Pass
				10	7.20	1.259	0.0015	-2.5 to 2.5	Pass
30				7.20	0.658	0.0008	-2.5 to 2.5	Pass	
40				7.20	0.443	0.0005	-2.5 to 2.5	Pass	
50	7.20	0.958	0.0011	-2.5 to 2.5	Pass				
16QAM	821.5	75	0	20	6.12	1.659	0.0020	-2.5 to 2.5	Pass
					7.20	0.858	0.0010	-2.5 to 2.5	Pass
					8.28	1.817	0.0022	-2.5 to 2.5	Pass
				-30	7.20	1.316	0.0016	-2.5 to 2.5	Pass
				-20	7.20	0.930	0.0011	-2.5 to 2.5	Pass
				-10	7.20	1.974	0.0024	-2.5 to 2.5	Pass
				0	7.20	1.831	0.0022	-2.5 to 2.5	Pass
				10	7.20	0.687	0.0008	-2.5 to 2.5	Pass
				30	7.20	1.159	0.0014	-2.5 to 2.5	Pass
				40	7.20	1.345	0.0016	-2.5 to 2.5	Pass
	50	7.20	0.501	0.0006	-2.5 to 2.5	Pass			
	831.5	75	0	20	6.12	2.561	0.0031	-2.5 to 2.5	Pass
					7.20	2.618	0.0031	-2.5 to 2.5	Pass
					8.28	2.632	0.0032	-2.5 to 2.5	Pass

				-30	7.20	2.432	0.0029	-2.5 to 2.5	Pass				
				-20	7.20	1.988	0.0024	-2.5 to 2.5	Pass				
				-10	7.20	1.659	0.0020	-2.5 to 2.5	Pass				
				0	7.20	2.203	0.0026	-2.5 to 2.5	Pass				
				10	7.20	2.217	0.0027	-2.5 to 2.5	Pass				
				30	7.20	2.661	0.0032	-2.5 to 2.5	Pass				
				40	7.20	2.661	0.0032	-2.5 to 2.5	Pass				
				50	7.20	1.760	0.0021	-2.5 to 2.5	Pass				
	841.5	75	0	20	6.12	1.073	0.0013	-2.5 to 2.5	Pass				
					7.20	0.744	0.0009	-2.5 to 2.5	Pass				
					8.28	0.157	0.0002	-2.5 to 2.5	Pass				
				-30	7.20	0.200	0.0002	-2.5 to 2.5	Pass				
				-20	7.20	0.887	0.0011	-2.5 to 2.5	Pass				
				-10	7.20	0.587	0.0007	-2.5 to 2.5	Pass				
				0	7.20	0.944	0.0011	-2.5 to 2.5	Pass				
				10	7.20	1.860	0.0022	-2.5 to 2.5	Pass				
				30	7.20	0.544	0.0006	-2.5 to 2.5	Pass				
				40	7.20	0.744	0.0009	-2.5 to 2.5	Pass				
				50	7.20	-0.114	-0.0001	-2.5 to 2.5	Pass				
				64QAM	821.5	75	0	20	6.12	1.259	0.0015	-2.5 to 2.5	Pass
									7.20	1.273	0.0015	-2.5 to 2.5	Pass
8.28	1.345	0.0016	-2.5 to 2.5						Pass				
-30	7.20	0.730	0.0009					-2.5 to 2.5	Pass				
-20	7.20	0.215	0.0003					-2.5 to 2.5	Pass				
-10	7.20	0.730	0.0009					-2.5 to 2.5	Pass				
0	7.20	1.302	0.0016					-2.5 to 2.5	Pass				
10	7.20	0.372	0.0005					-2.5 to 2.5	Pass				
30	7.20	1.144	0.0014					-2.5 to 2.5	Pass				
40	7.20	1.345	0.0016					-2.5 to 2.5	Pass				
50	7.20	2.074	0.0025					-2.5 to 2.5	Pass				
831.5	75	0	20					6.12	1.445	0.0017	-2.5 to 2.5	Pass	
					7.20	1.817	0.0022	-2.5 to 2.5	Pass				
					8.28	2.403	0.0029	-2.5 to 2.5	Pass				
			-30		7.20	2.732	0.0033	-2.5 to 2.5	Pass				
			-20		7.20	2.689	0.0032	-2.5 to 2.5	Pass				
			-10		7.20	1.988	0.0024	-2.5 to 2.5	Pass				
			0		7.20	1.574	0.0019	-2.5 to 2.5	Pass				
			10		7.20	2.275	0.0027	-2.5 to 2.5	Pass				
			30		7.20	2.418	0.0029	-2.5 to 2.5	Pass				
			40		7.20	2.604	0.0031	-2.5 to 2.5	Pass				
			50		7.20	2.618	0.0031	-2.5 to 2.5	Pass				
			841.5		75	0	20	6.12	0.801	0.0010	-2.5 to 2.5	Pass	
								7.20	1.373	0.0016	-2.5 to 2.5	Pass	
								8.28	0.830	0.0010	-2.5 to 2.5	Pass	
							-30	7.20	0.458	0.0005	-2.5 to 2.5	Pass	
							-20	7.20	0.958	0.0011	-2.5 to 2.5	Pass	
							-10	7.20	1.245	0.0015	-2.5 to 2.5	Pass	
							0	7.20	0.944	0.0011	-2.5 to 2.5	Pass	
10	7.20	0.072					0.0001	-2.5 to 2.5	Pass				
30	7.20	-0.072		-0.0001			-2.5 to 2.5	Pass					
40	7.20	0.200	0.0002	-2.5 to 2.5	Pass								
50	7.20	0.143	0.0002	-2.5 to 2.5	Pass								

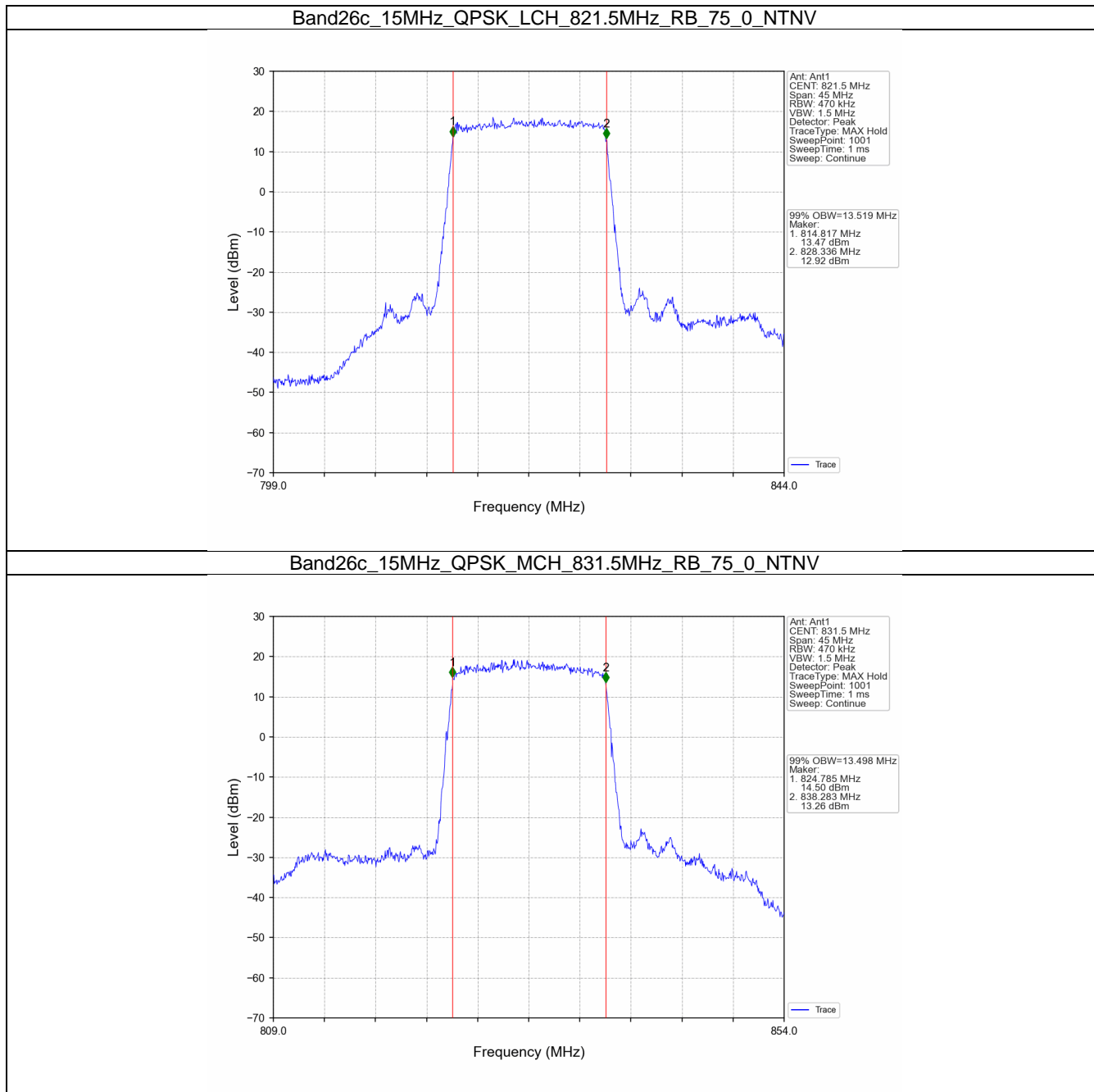
### 3. 99% & 26dB Bandwidth

#### 3.1 Band26c\_OBW

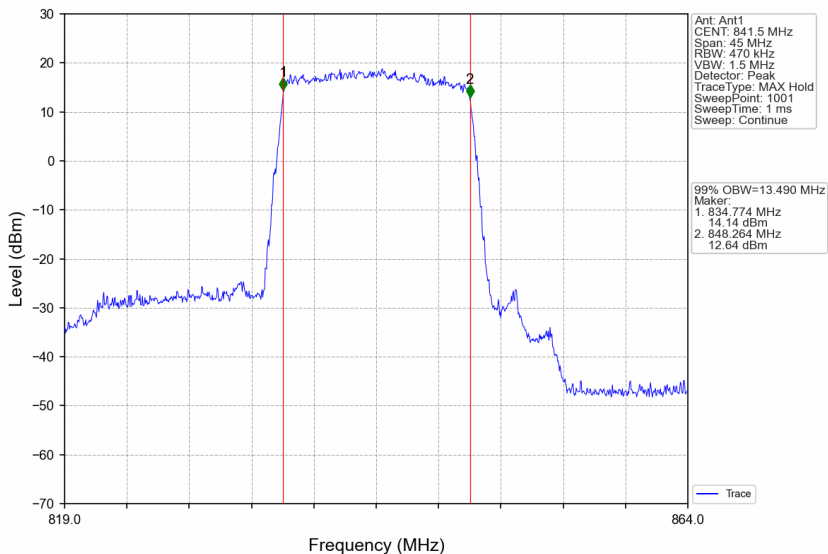
##### 3.1.1 Test Result

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	13.519	/	Pass
		831.5	75	0	13.498	/	Pass
		841.5	75	0	13.490	/	Pass
	16QAM	821.5	75	0	13.551	/	Pass
		831.5	75	0	13.544	/	Pass
		841.5	75	0	13.488	/	Pass
	64QAM	821.5	75	0	13.505	/	Pass
		831.5	75	0	13.545	/	Pass
		841.5	75	0	13.470	/	Pass

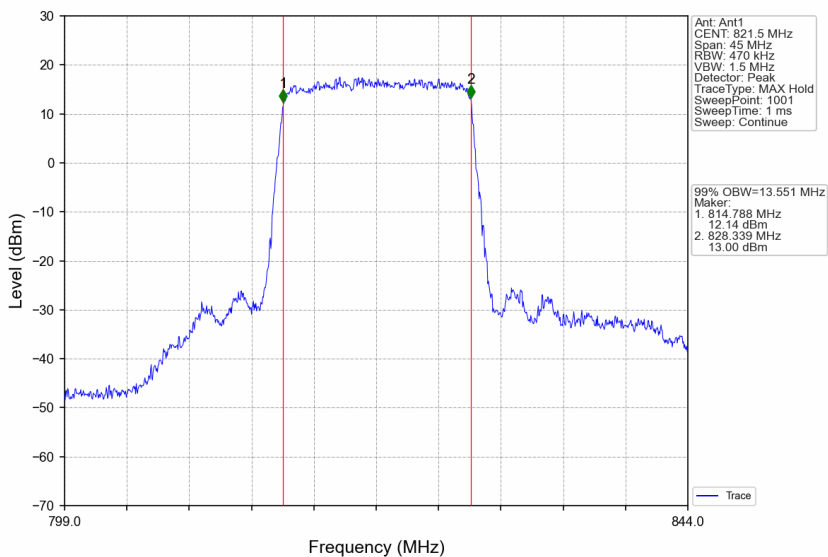
3.1.2 Test Graph



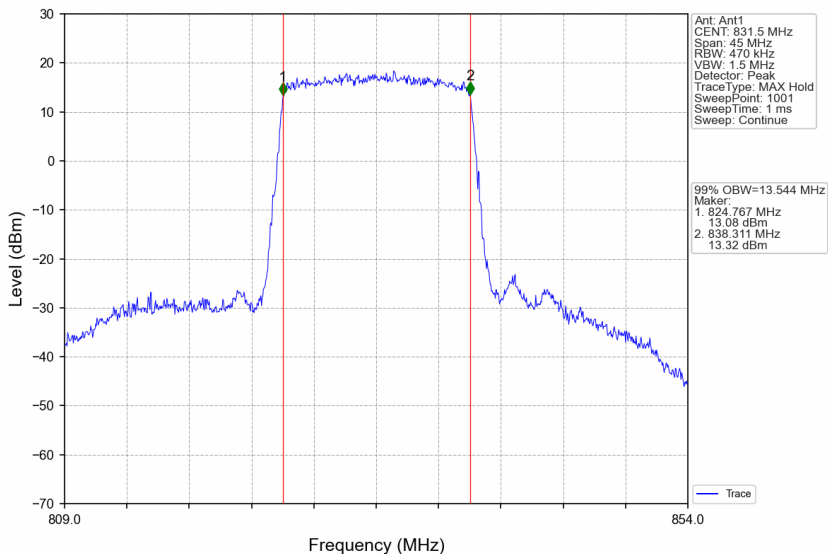
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



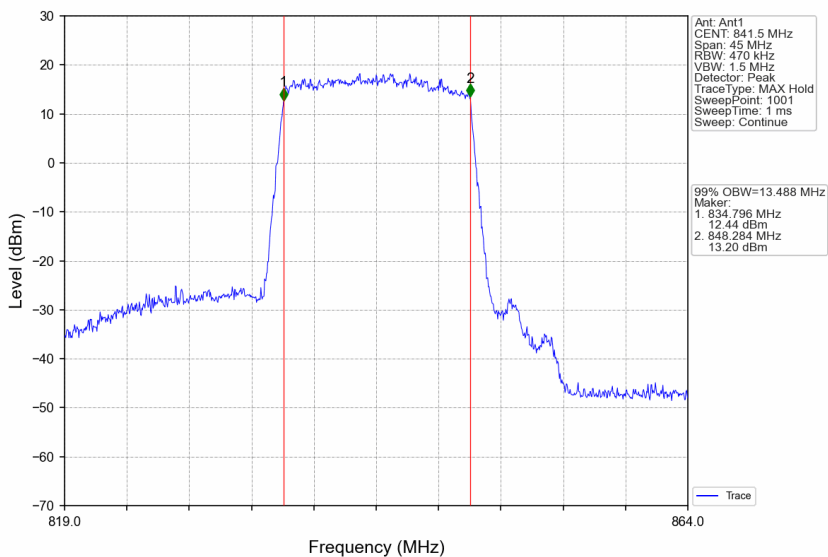
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



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

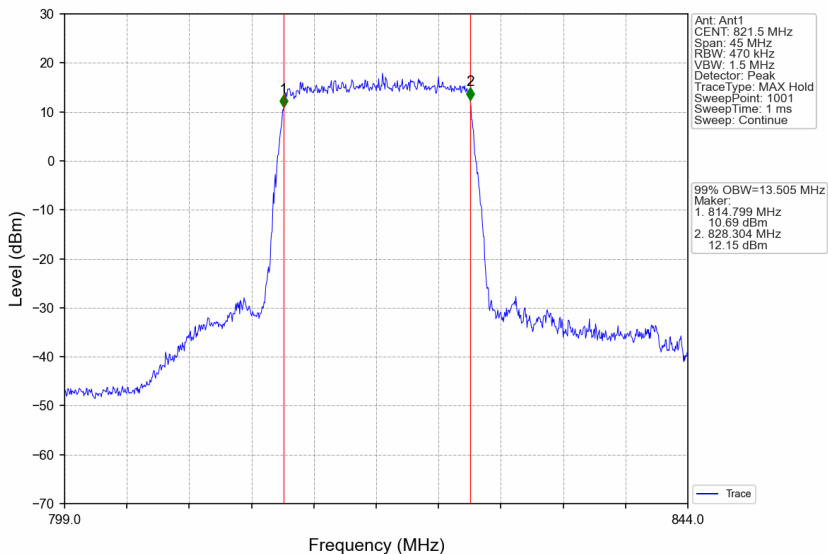


Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV

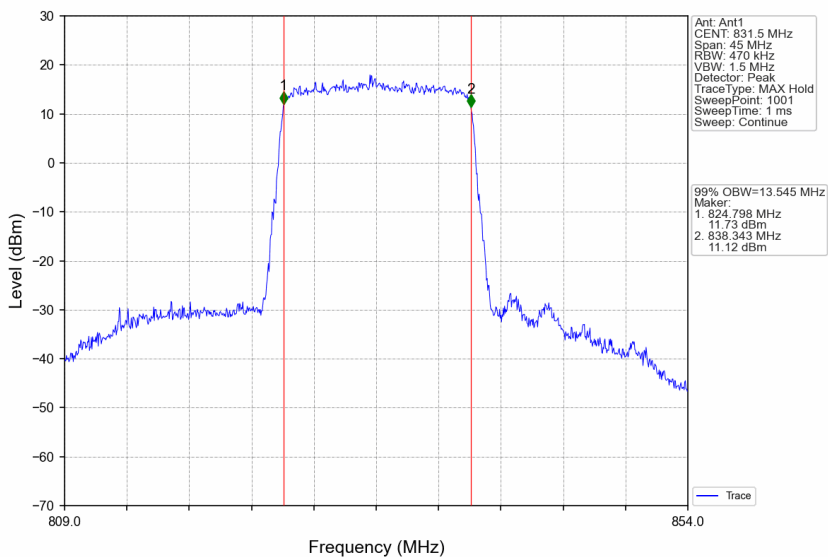


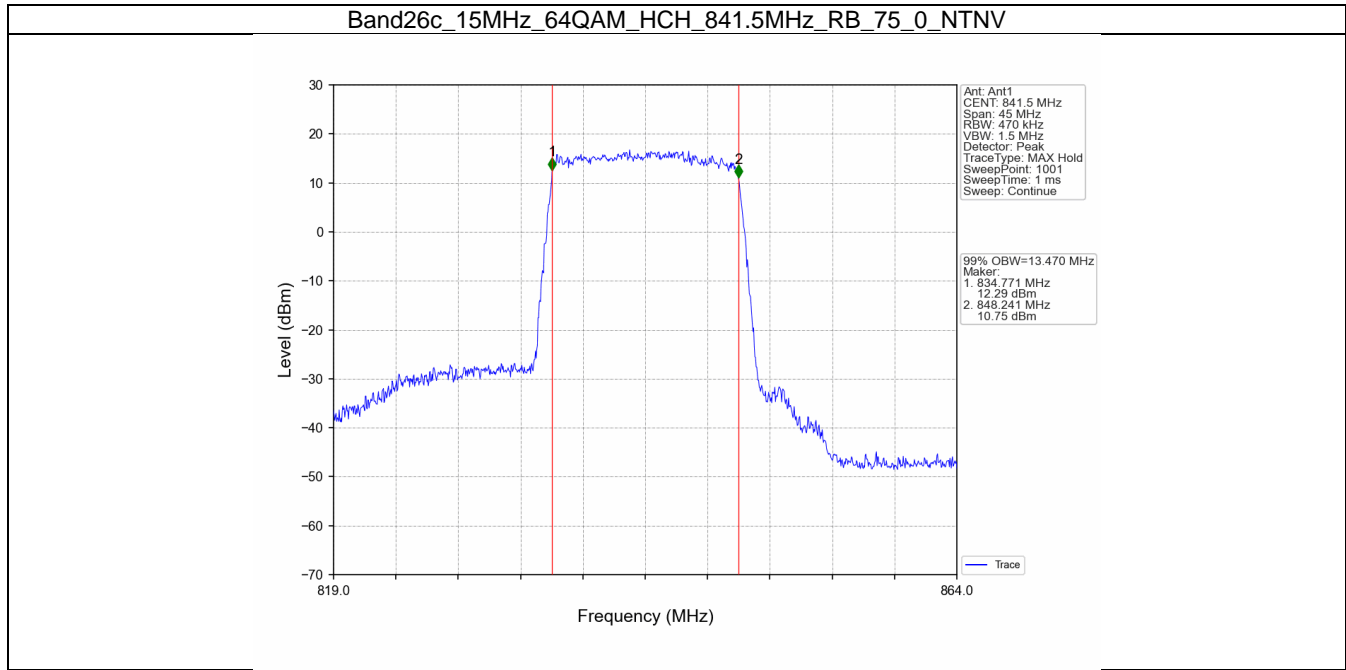


Band26c\_15MHz\_64QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_64QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV



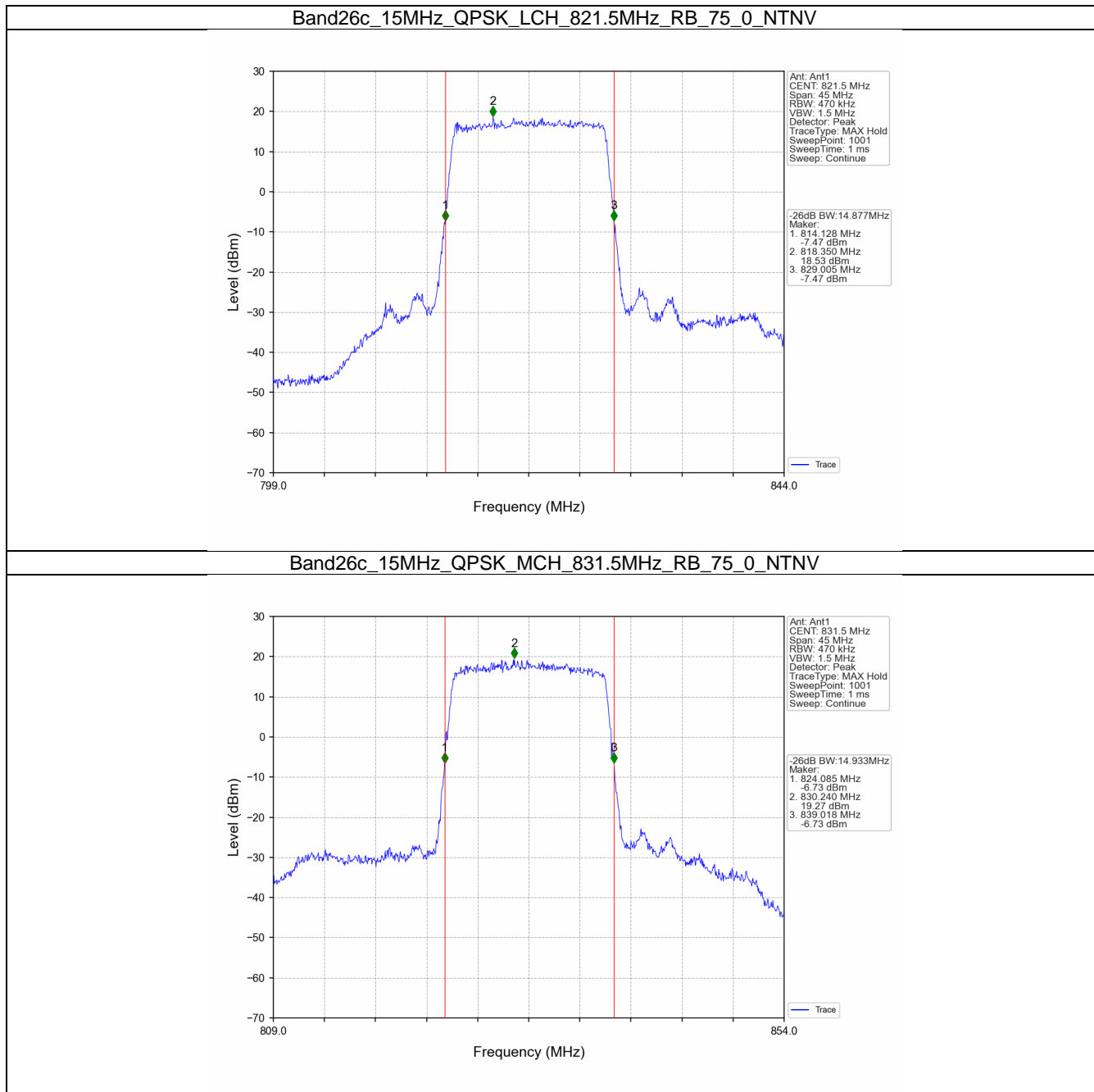


#### 4. Band26c\_XDB

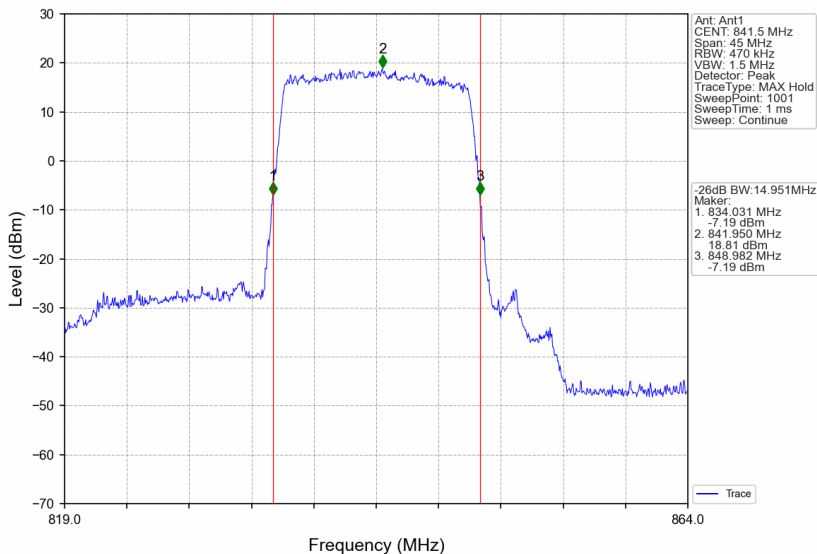
##### 4.1.1 Test Result

Band: 26c / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	14.877	/	Pass
		831.5	75	0	14.933	/	Pass
		841.5	75	0	14.951	/	Pass
	16QAM	821.5	75	0	15.021	/	Pass
		831.5	75	0	14.947	/	Pass
		841.5	75	0	14.906	/	Pass
	64QAM	821.5	75	0	14.953	/	Pass
		831.5	75	0	14.865	/	Pass
		841.5	75	0	14.924	/	Pass

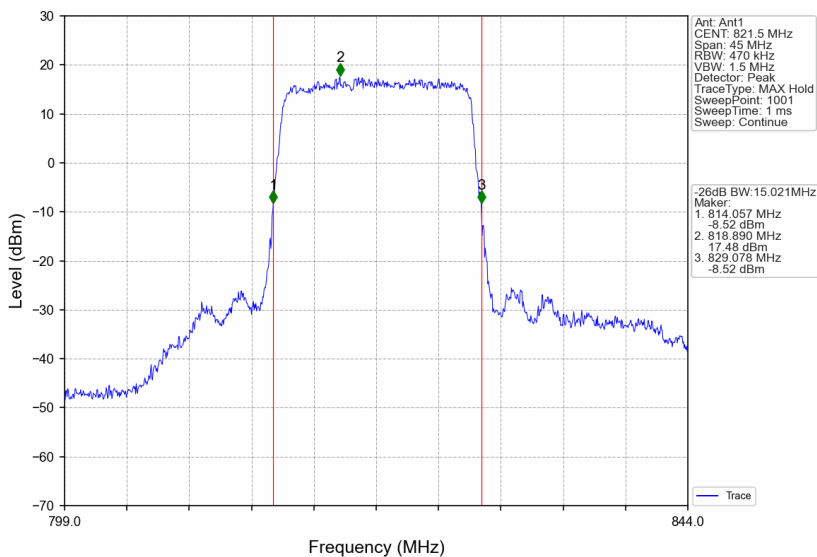
4.1.2 Test Graph



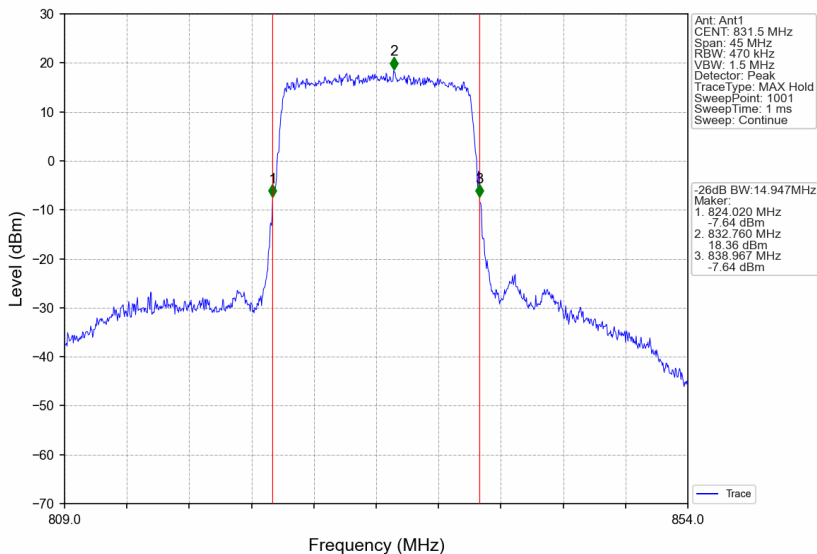
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



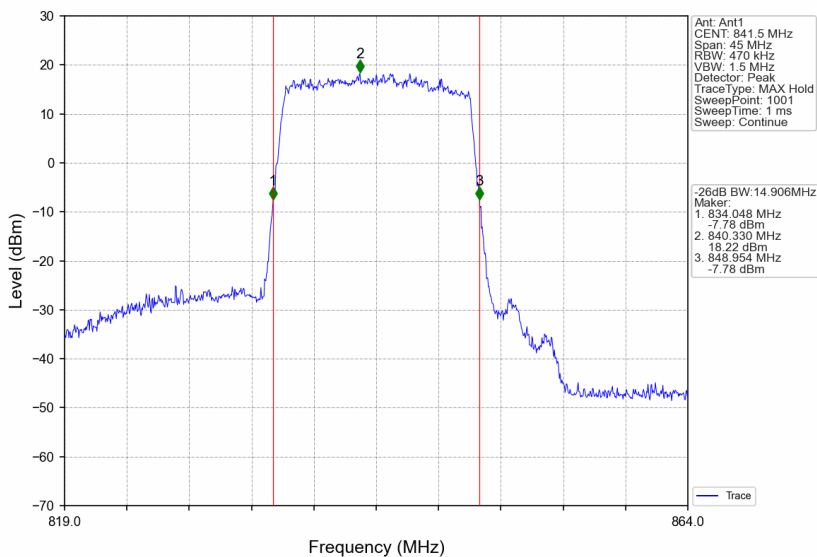
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



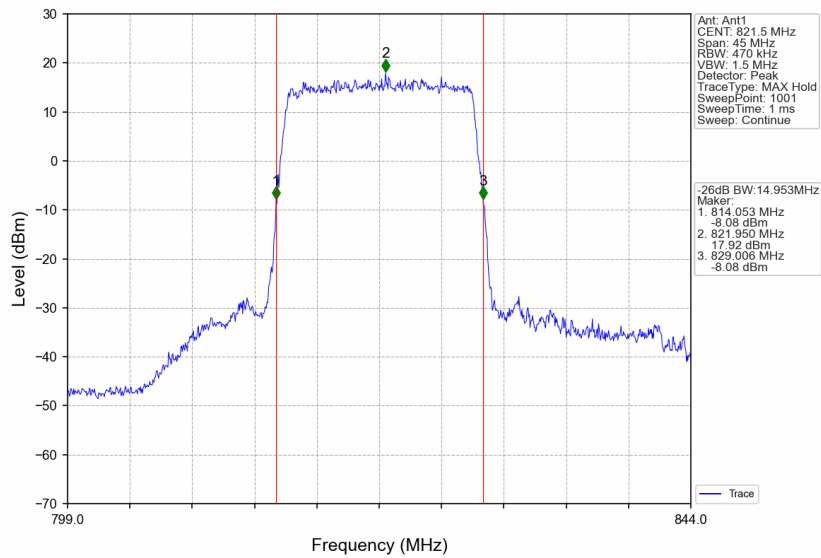
Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV



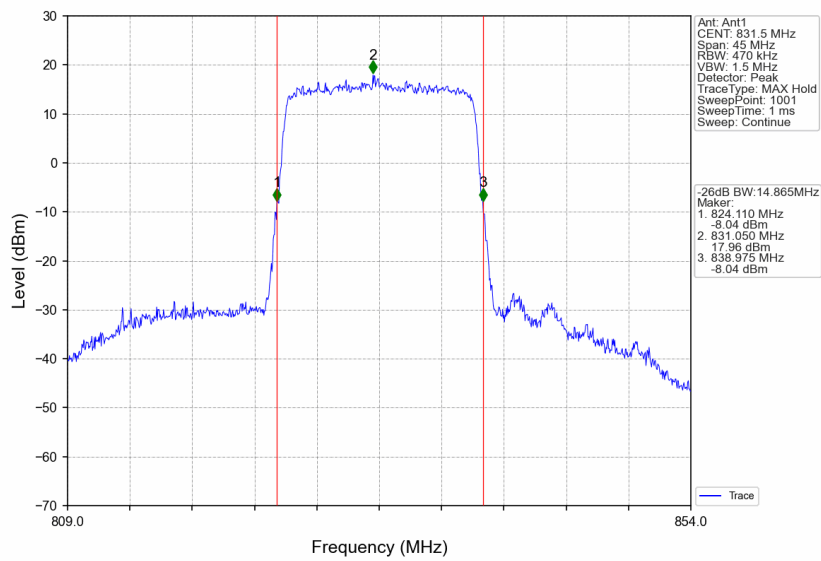
Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV

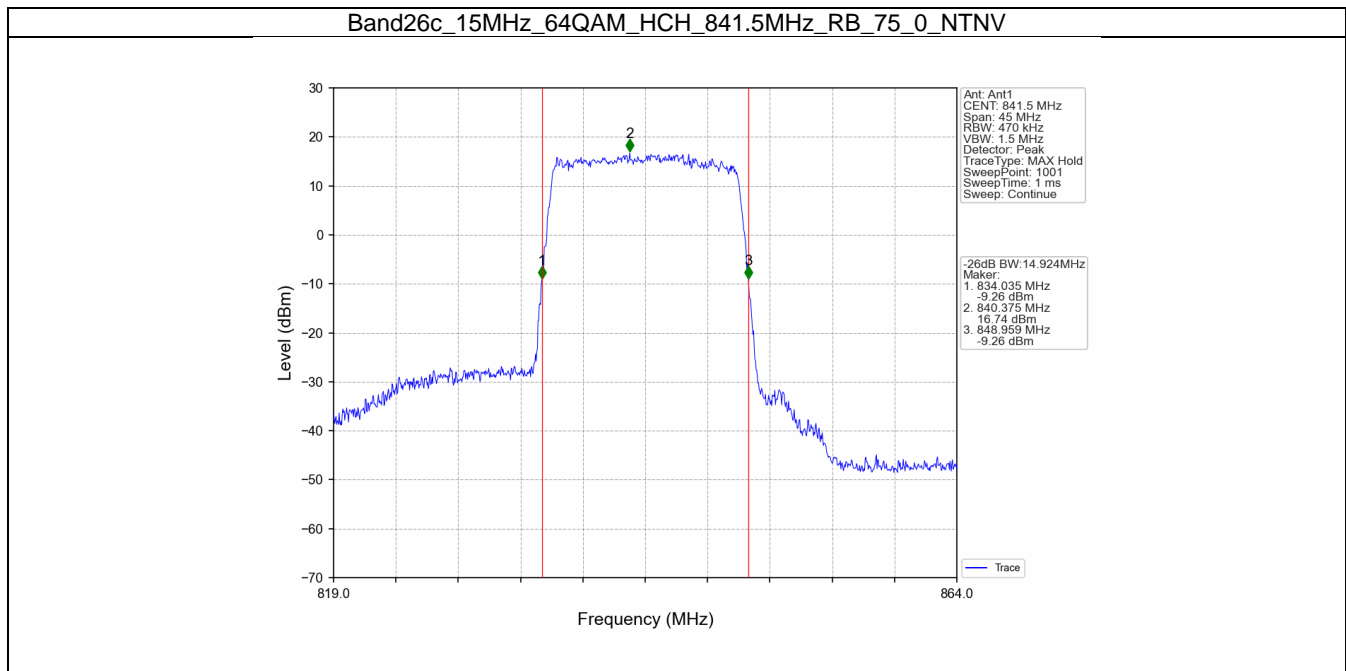


Band26c\_15MHz\_64QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_64QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV





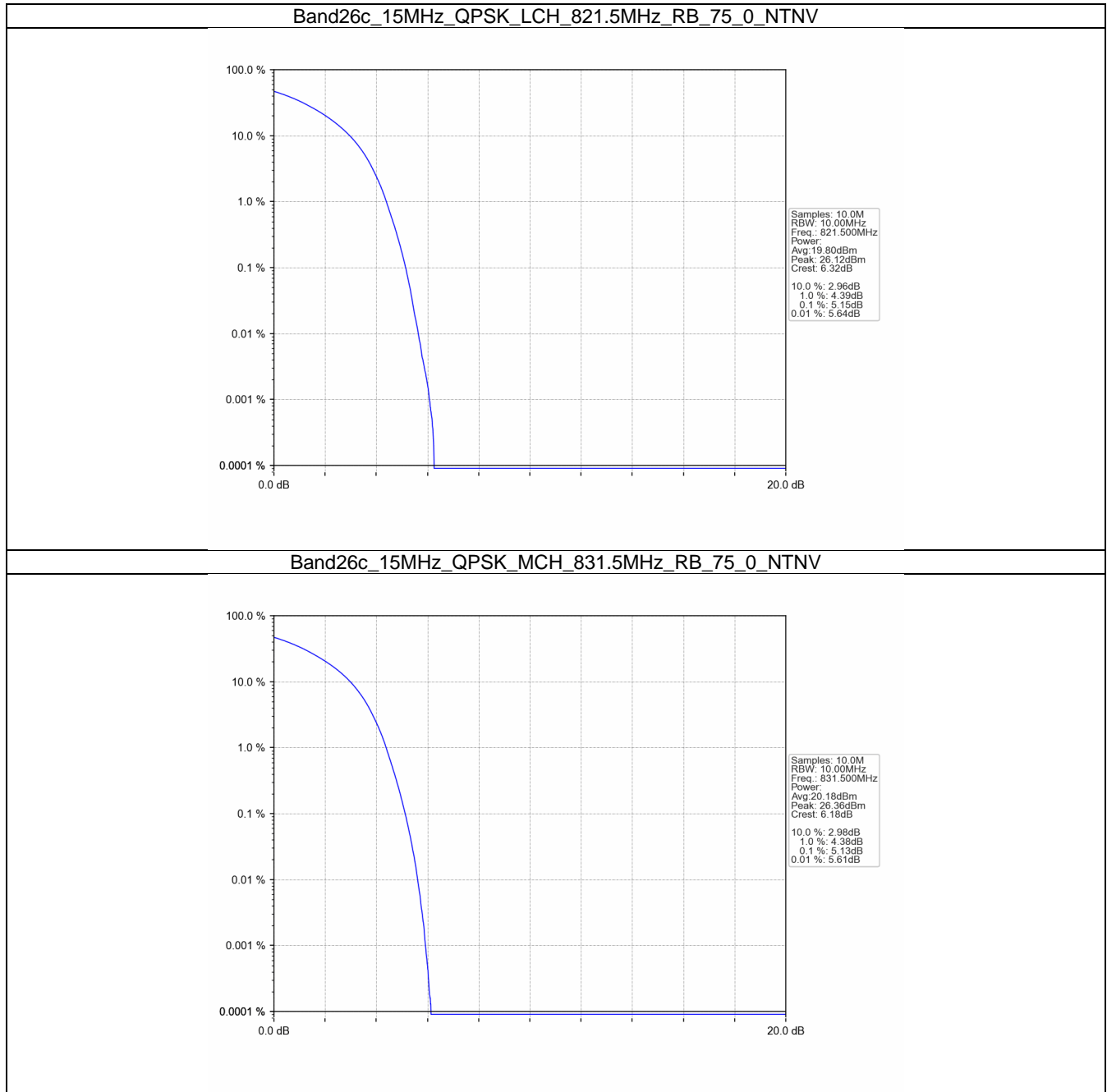
## 5. Peak-Average Ratio

### 5.1 B26c\_15MHz

#### 5.1.1 Test Result

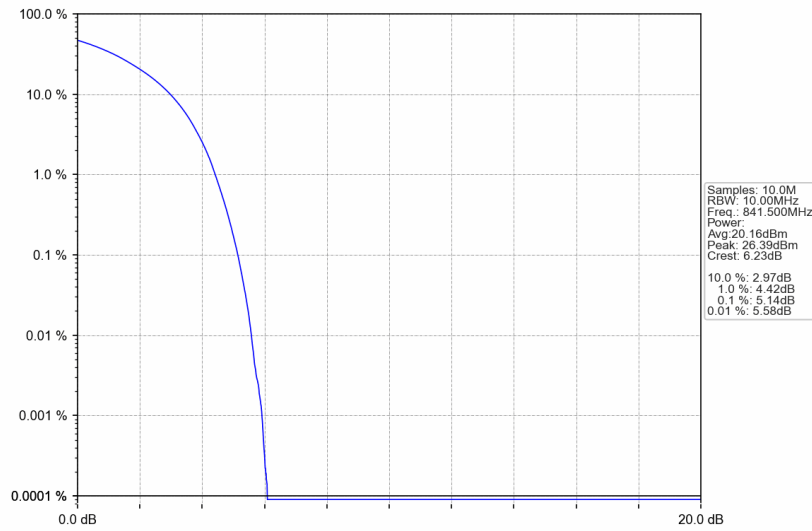
Band: 26c / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.15	<=13	Pass
	831.5	75	0	5.13	<=13	Pass
	841.5	75	0	5.14	<=13	Pass
16QAM	821.5	75	0	6.30	<=13	Pass
	831.5	75	0	6.23	<=13	Pass
	841.5	75	0	6.27	<=13	Pass
64QAM	821.5	75	0	6.51	<=13	Pass
	831.5	75	0	6.49	<=13	Pass
	841.5	75	0	6.53	<=13	Pass

5.1.2 Test Graph

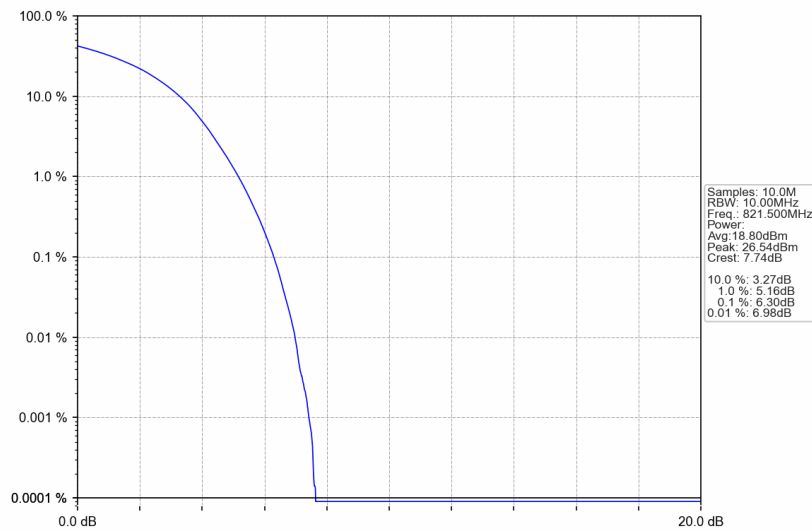




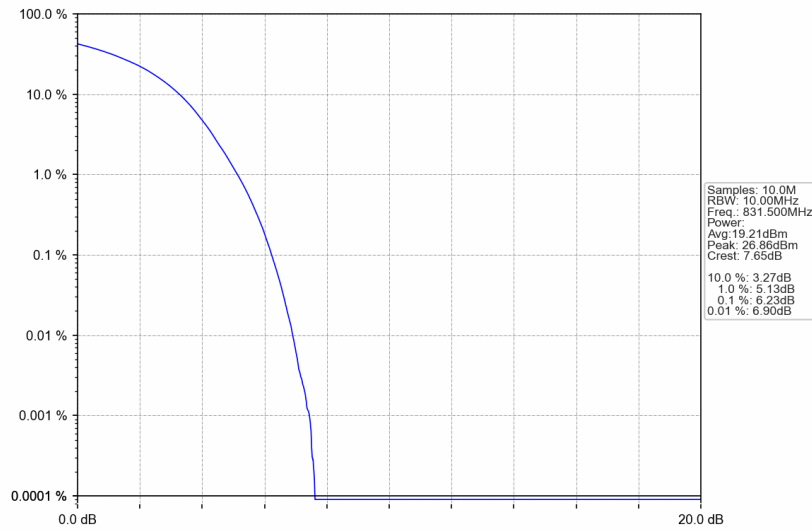
Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



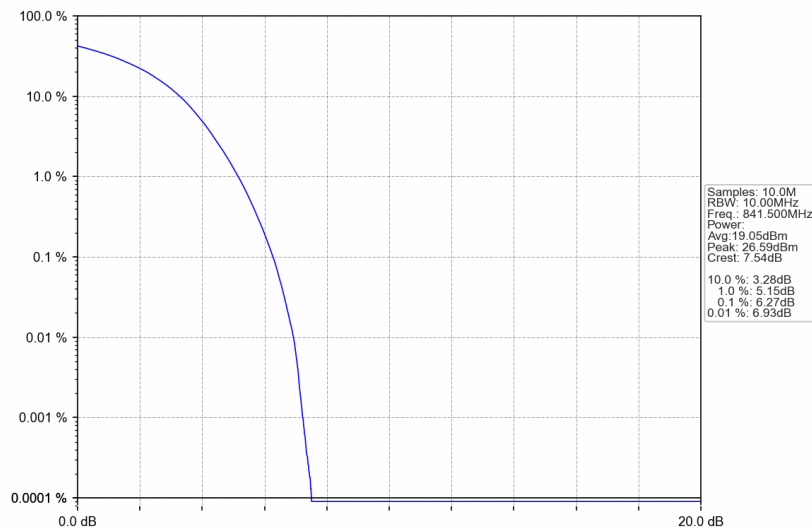
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



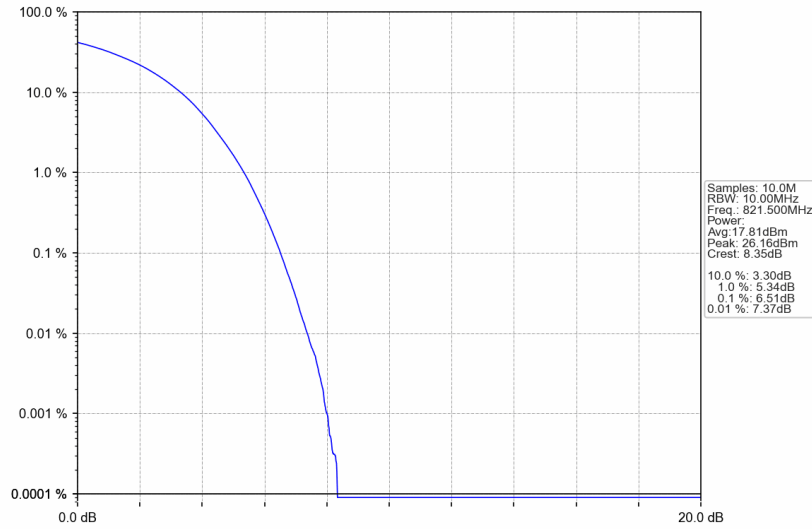
Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV



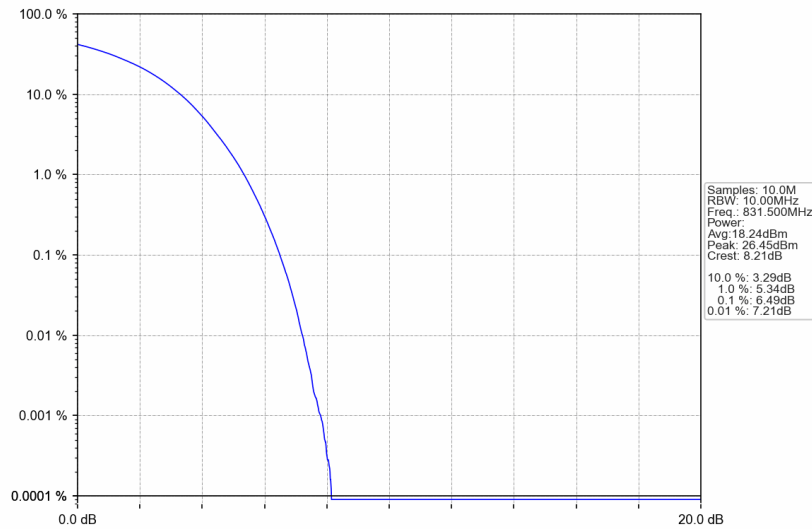
Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV

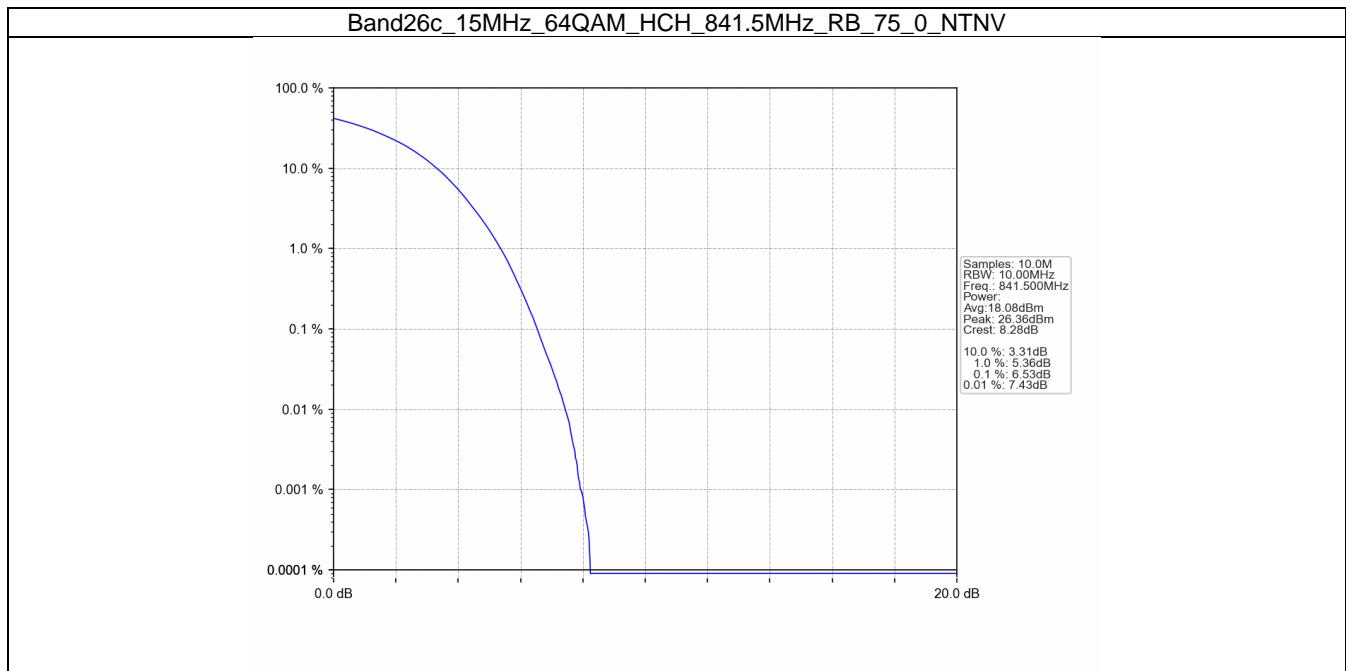


Band26c\_15MHz\_64QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_64QAM\_MCH\_831.5MHz\_RB\_75\_0\_NTNV





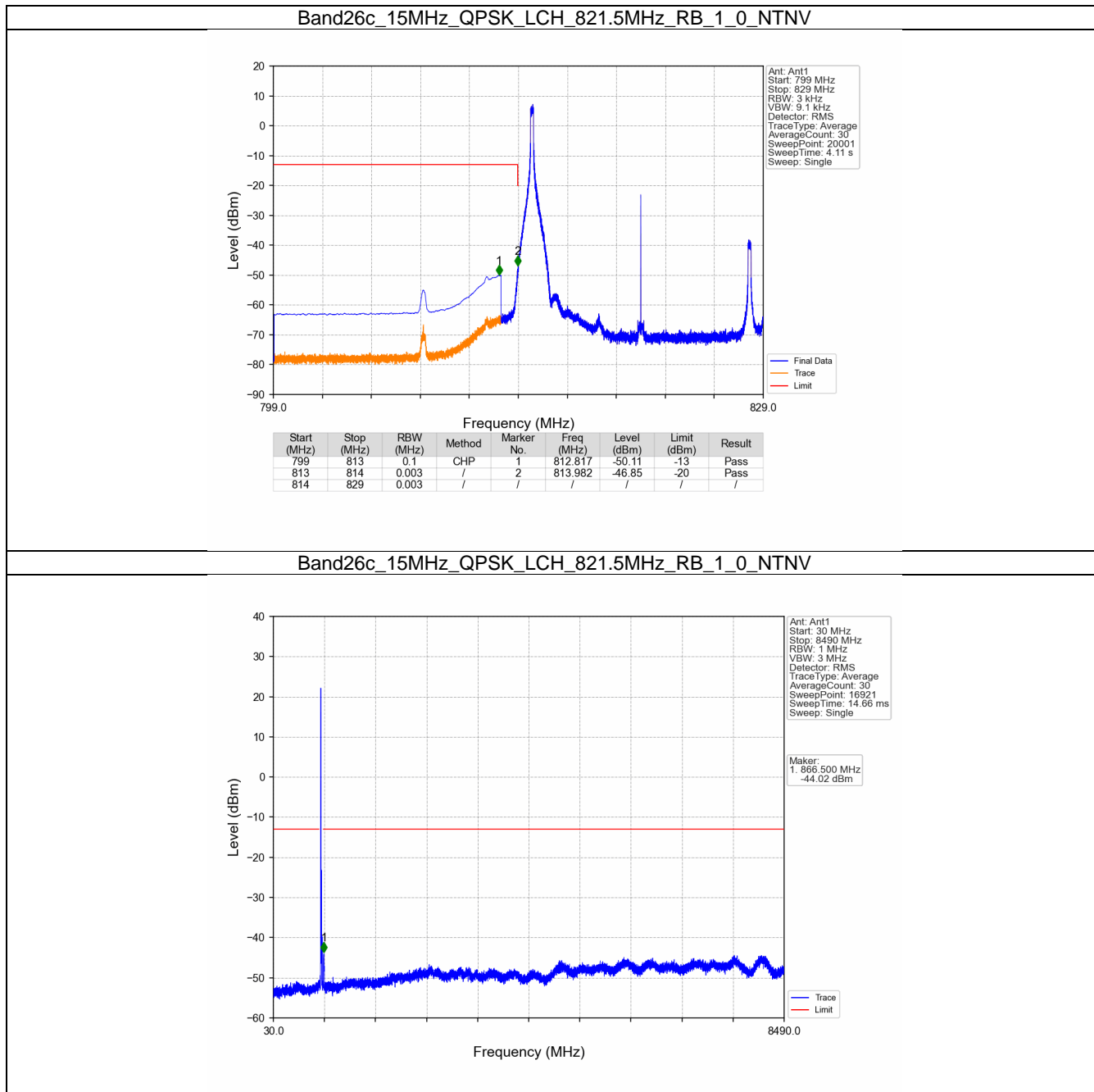
## 6. Spurious Emission

### 6.1 B26c\_15MHz

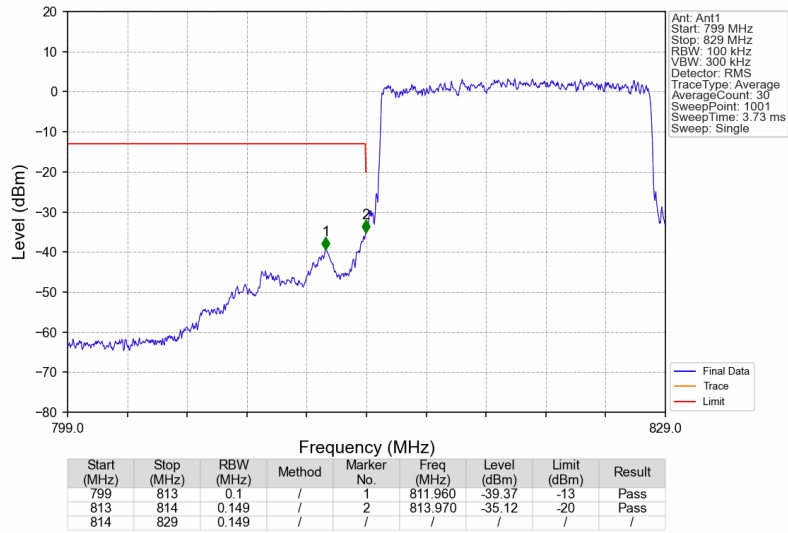
#### 6.1.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTNv						
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
		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
		75	0	Refer To Test Graph		Pass
64QAM	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
		75	0	Refer To Test Graph		Pass

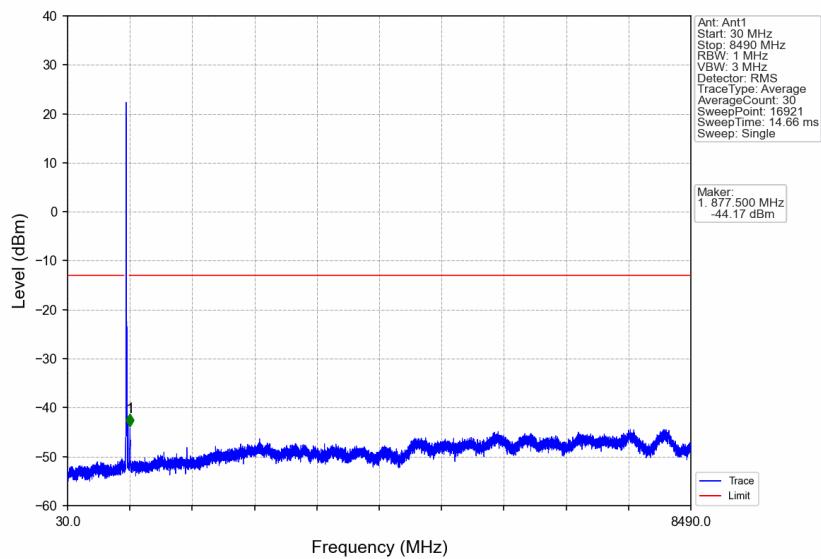
6.1.2 Test Graph



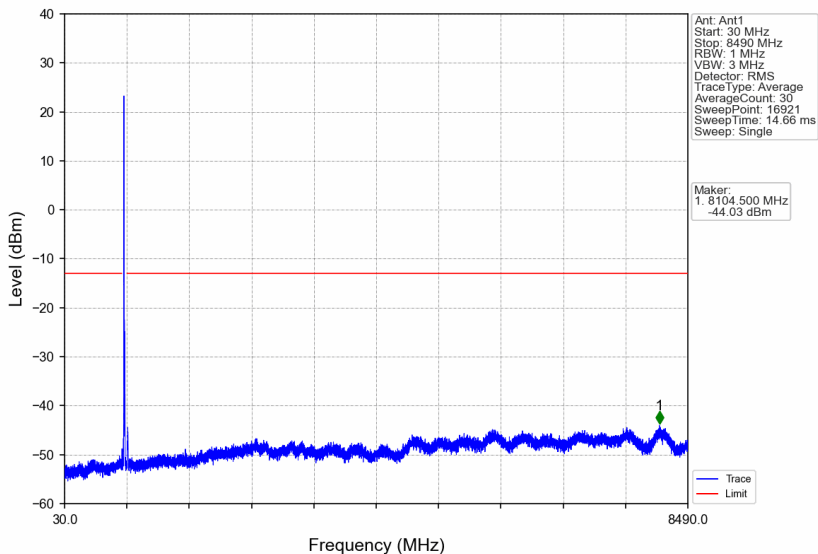
Band26c\_15MHz\_QPSK\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



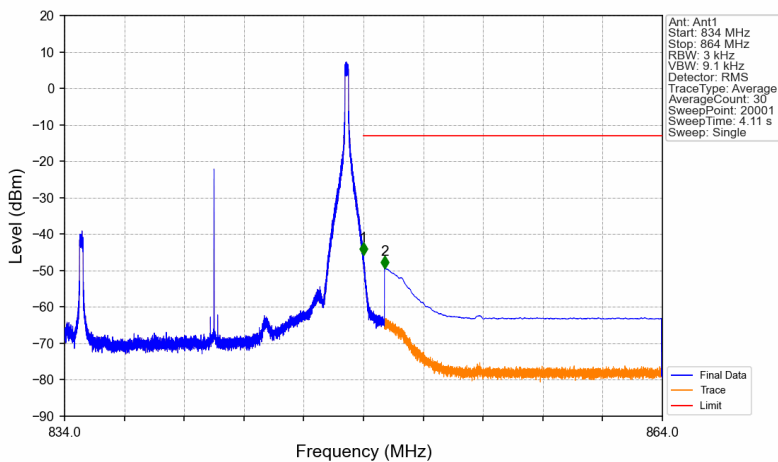
Band26c\_15MHz\_QPSK\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



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

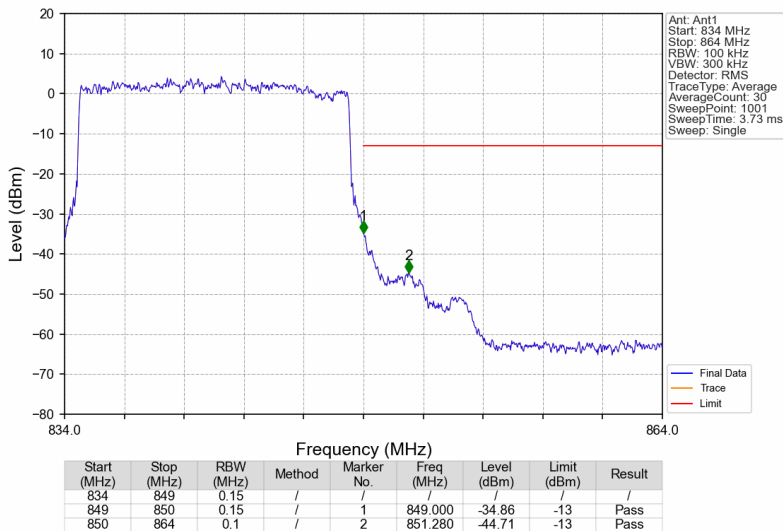


Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_74\_NTNV

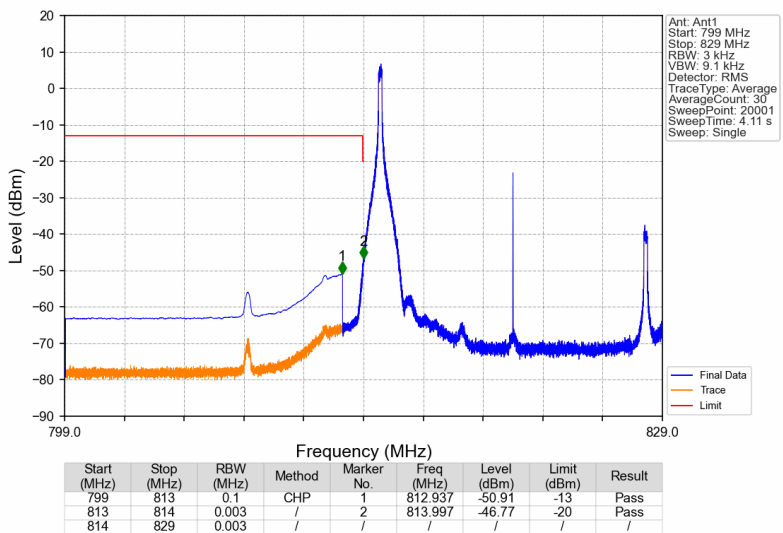


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-45.80	-13	Pass
850	864	0.1	CHP	2	850.054	-49.42	-13	Pass

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

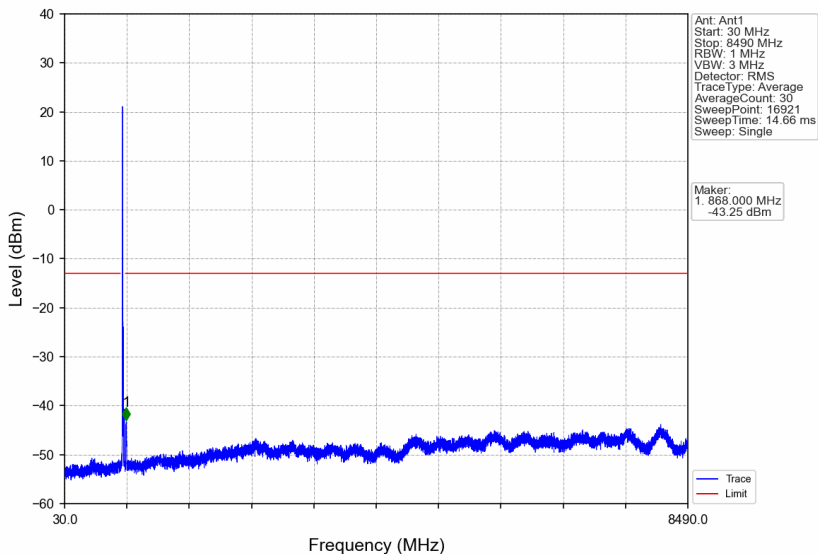


Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV

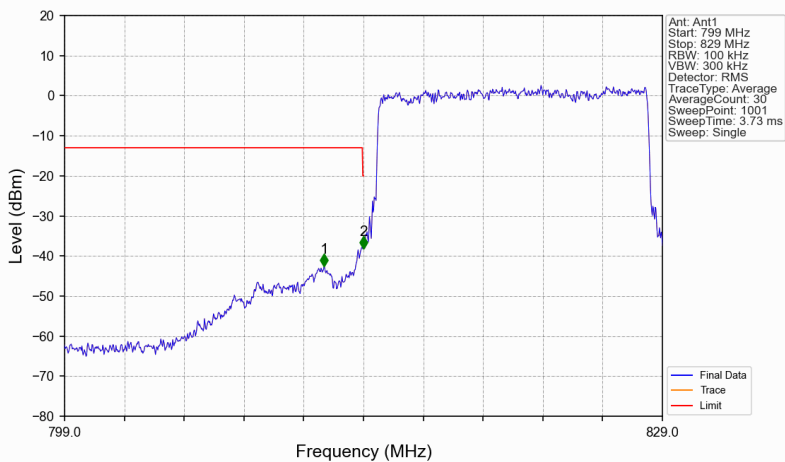




Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV

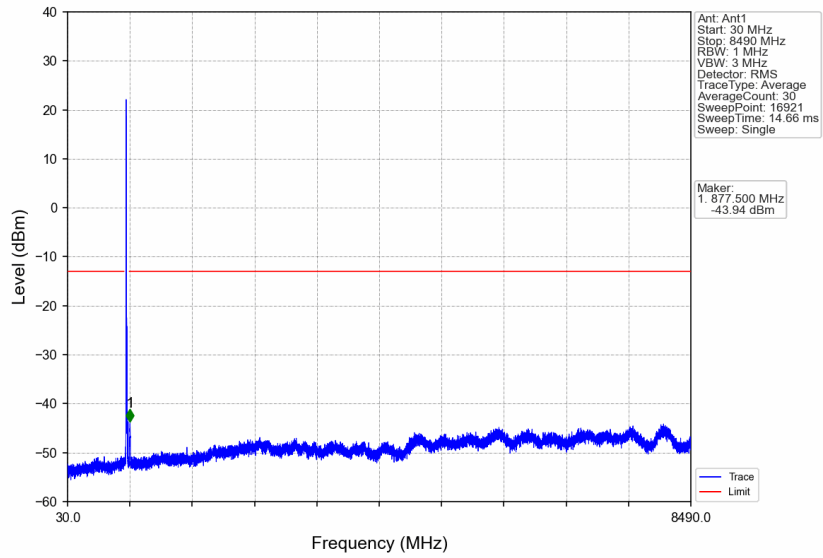


Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV

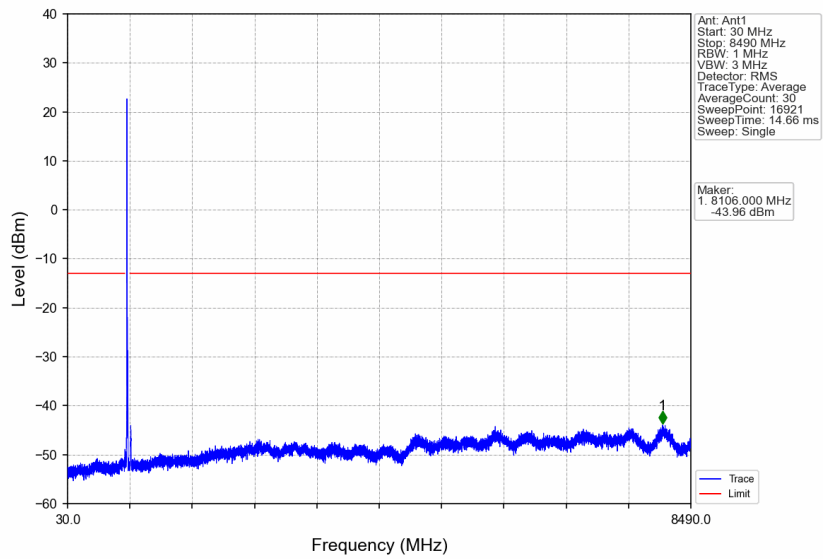


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.020	-42.56	-13	Pass
813	814	0.15	/	2	814.000	-38.17	-20	Pass
814	829	0.15	/	/	/	/	/	/

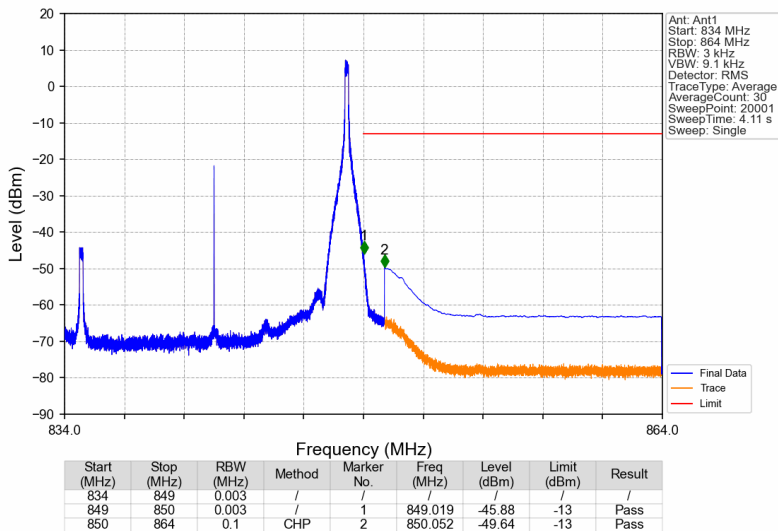
Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



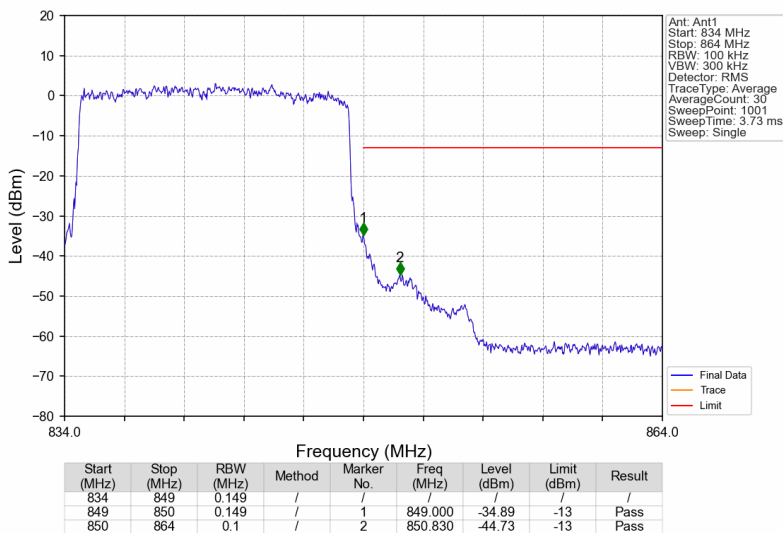
Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_0\_NTNV



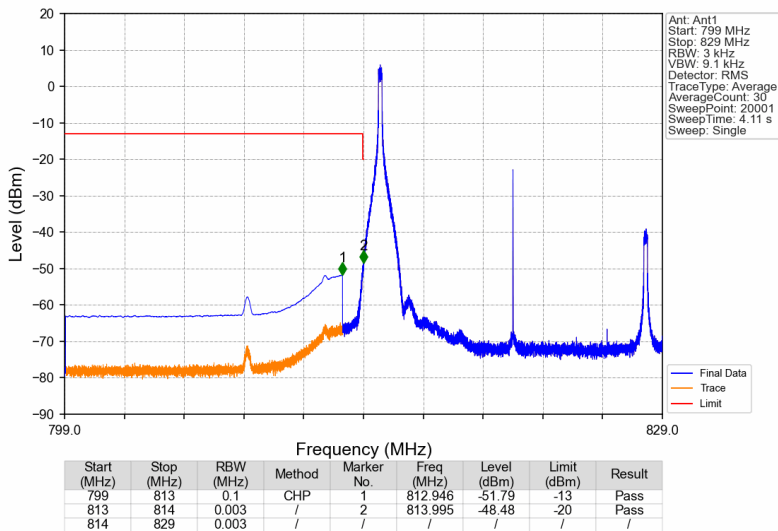
Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



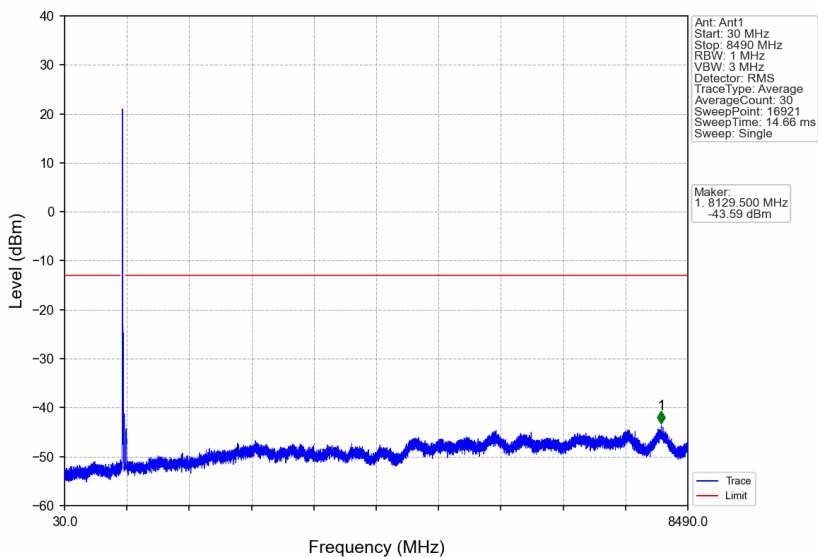
Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



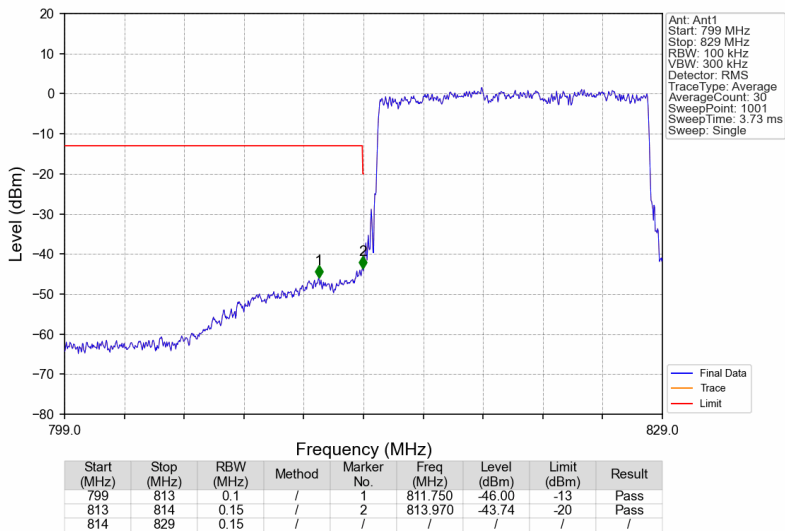
## Band26c\_15MHz\_64QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV



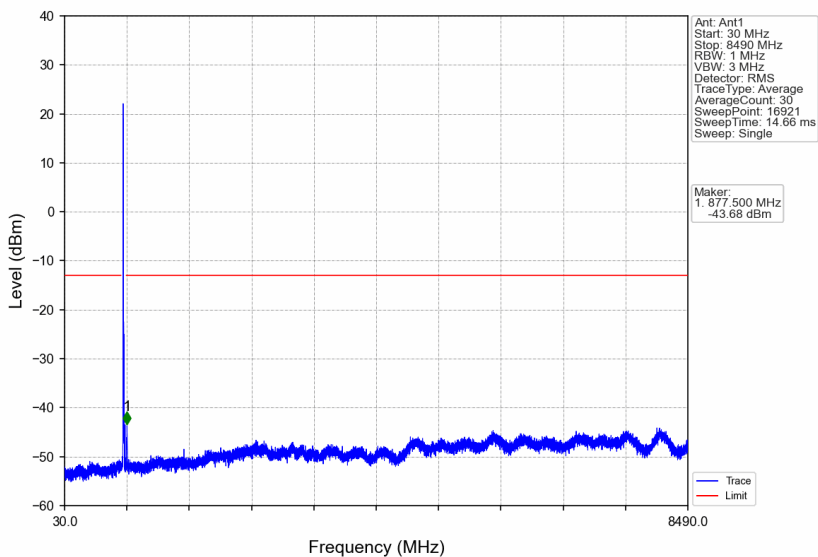
## Band26c\_15MHz\_64QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV



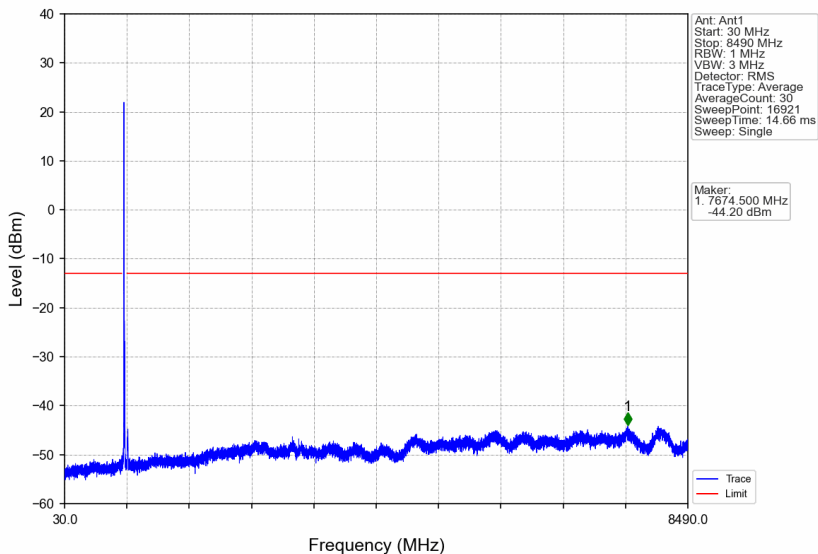
Band26c\_15MHz\_64QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



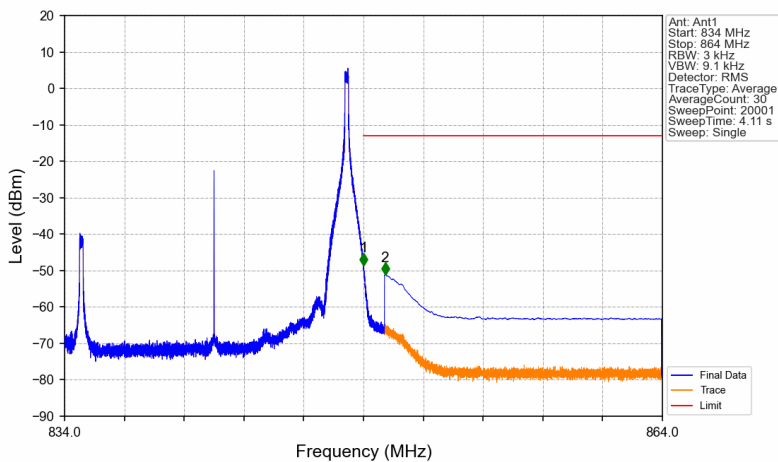
Band26c\_15MHz\_64QAM\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



Band26c\_15MHz\_64QAM\_HCH\_841.5MHz\_RB\_1\_0\_NTNV

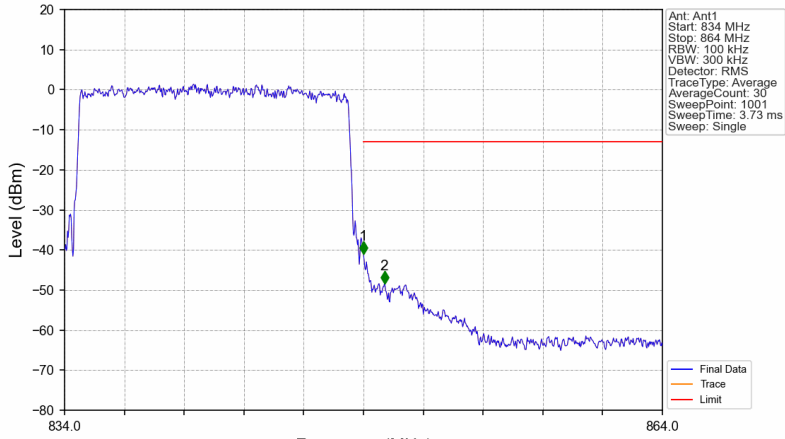


Band26c\_15MHz\_64QAM\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



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	849.008	-48.58	-13	Pass
850	864	0.1	CHP	2	850.085	-51.17	-13	Pass

Band26c\_15MHz\_64QAM\_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	/	/	/	/	/	/
849	850	0.149	/	1	849.000	-40.96	-13	Pass
850	864	0.1	/	2	850.050	-48.35	-13	Pass