

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B13\_5MHz\_ERP

Band: 13 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	779.5	1	0	21.55	-1.54	17.86	<=34.77	Pass		
			13	21.63	-1.54	17.94	<=34.77	Pass		
			24	21.48	-1.54	17.79	<=34.77	Pass		
		12	0	20.53	-1.54	16.84	<=34.77	Pass		
			6	20.58	-1.54	16.89	<=34.77	Pass		
			13	20.50	-1.54	16.81	<=34.77	Pass		
		25	0	20.49	-1.54	16.80	<=34.77	Pass		
		782	1	0	21.48	-1.54	17.79	<=34.77	Pass	
				13	21.60	-1.54	17.91	<=34.77	Pass	
	24			21.44	-1.54	17.75	<=34.77	Pass		
	12		0	20.54	-1.54	16.85	<=34.77	Pass		
			6	20.58	-1.54	16.89	<=34.77	Pass		
			13	20.53	-1.54	16.84	<=34.77	Pass		
	25	0	20.53	-1.54	16.84	<=34.77	Pass			
	784.5	1	0	21.44	-1.54	17.75	<=34.77	Pass		
			13	21.55	-1.54	17.86	<=34.77	Pass		
			24	21.45	-1.54	17.76	<=34.77	Pass		
		12	0	20.50	-1.54	16.81	<=34.77	Pass		
			6	20.54	-1.54	16.85	<=34.77	Pass		
			13	20.52	-1.54	16.83	<=34.77	Pass		
		25	0	20.52	-1.54	16.83	<=34.77	Pass		
		16QAM	779.5	1	0	20.71	-1.54	17.02	<=34.77	Pass
					13	20.89	-1.54	17.20	<=34.77	Pass
	24				20.73	-1.54	17.04	<=34.77	Pass	
12	0			19.57	-1.54	15.88	<=34.77	Pass		
	6			19.66	-1.54	15.97	<=34.77	Pass		
	13			19.58	-1.54	15.89	<=34.77	Pass		
25	0			19.53	-1.54	15.84	<=34.77	Pass		
782	1			0	20.34	-1.54	16.65	<=34.77	Pass	
				13	20.46	-1.54	16.77	<=34.77	Pass	
			24	20.31	-1.54	16.62	<=34.77	Pass		
	12		0	19.59	-1.54	15.90	<=34.77	Pass		
			6	19.61	-1.54	15.92	<=34.77	Pass		
			13	19.53	-1.54	15.84	<=34.77	Pass		
25	0		19.60	-1.54	15.91	<=34.77	Pass			
784.5	1		0	20.55	-1.54	16.86	<=34.77	Pass		
			13	20.62	-1.54	16.93	<=34.77	Pass		
			24	20.54	-1.54	16.85	<=34.77	Pass		
	12		0	19.48	-1.54	15.79	<=34.77	Pass		
			6	19.54	-1.54	15.85	<=34.77	Pass		
			13	19.53	-1.54	15.84	<=34.77	Pass		
	25		0	19.61	-1.54	15.92	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.2 B13\_10MHz\_ERP

Band: 13 / Bandwidth: 10MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	21.55	-1.54	17.86	<=34.77	Pass
			25	21.75	-1.54	18.06	<=34.77	Pass
			49	21.54	-1.54	17.85	<=34.77	Pass
		25	0	20.65	-1.54	16.96	<=34.77	Pass
			13	20.64	-1.54	16.95	<=34.77	Pass
			25	20.65	-1.54	16.96	<=34.77	Pass
50	0	20.66	-1.54	16.97	<=34.77	Pass		
16QAM	782	1	0	21.02	-1.54	17.33	<=34.77	Pass
			25	21.30	-1.54	17.61	<=34.77	Pass
			49	21.03	-1.54	17.34	<=34.77	Pass
		25	0	19.71	-1.54	16.02	<=34.77	Pass
			13	19.73	-1.54	16.04	<=34.77	Pass
			25	19.75	-1.54	16.06	<=34.77	Pass
		50	0	19.72	-1.54	16.03	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B13\_5MHz

Band: 13 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	779.5	25	0	20	3.27	-7.010	-0.0090	-2.5 to 2.5	Pass	
					3.85	-4.148	-0.0053	-2.5 to 2.5	Pass	
					4.43	-5.751	-0.0074	-2.5 to 2.5	Pass	
				-30	3.85	-7.982	-0.0102	-2.5 to 2.5	Pass	
					-20	3.85	-6.266	-0.0080	-2.5 to 2.5	Pass
					-10	3.85	-4.907	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0059	-2.5 to 2.5	Pass	
					10	3.85	-7.367	-0.0095	-2.5 to 2.5	Pass
					30	3.85	-6.695	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-4.506	-0.0058	-2.5 to 2.5	Pass	
					50	3.85	-3.691	-0.0047	-2.5 to 2.5	Pass
					20	3.27	-7.324	-0.0094	-2.5 to 2.5	Pass
	3.85	-3.390	-0.0043	-2.5 to 2.5		Pass				
	4.43	-2.875	-0.0037	-2.5 to 2.5		Pass				
	782	25	0	-30	3.85	-9.212	-0.0118	-2.5 to 2.5	Pass	
					-20	3.85	-7.081	-0.0091	-2.5 to 2.5	Pass
					-10	3.85	-7.210	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-10.328	-0.0132	-2.5 to 2.5	Pass	
					10	3.85	-11.029	-0.0141	-2.5 to 2.5	Pass
					30	3.85	-6.909	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0057	-2.5 to 2.5	Pass	
					50	3.85	-7.567	-0.0097	-2.5 to 2.5	Pass
					20	3.27	-3.719	-0.0047	-2.5 to 2.5	Pass
				3.85		-7.381	-0.0094	-2.5 to 2.5	Pass	
4.43				-11.101		-0.0142	-2.5 to 2.5	Pass		
784.5				25	0	-30	3.85	-5.736	-0.0073	-2.5 to 2.5
	-20	3.85	-5.207				-0.0066	-2.5 to 2.5	Pass	
	-10	3.85	-5.951				-0.0076	-2.5 to 2.5	Pass	
	0	3.85	-8.826			-0.0113	-2.5 to 2.5	Pass		

				10	3.85	-6.237	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-5.894	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-10.571	-0.0135	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-7.496	-0.0096	-2.5 to 2.5	Pass
					3.85	-4.320	-0.0055	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-11.044	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-7.310	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-11.158	-0.0143	-2.5 to 2.5	Pass
				10	3.85	-7.911	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-3.734	-0.0048	-2.5 to 2.5	Pass
	50	3.85	-8.683	-0.0111	-2.5 to 2.5	Pass			
	782	25	0	20	3.27	-4.163	-0.0053	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0059	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-12.546	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-7.882	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-8.411	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-8.454	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-9.170	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-11.187	-0.0143	-2.5 to 2.5	Pass
	50	3.85	-4.907	-0.0063	-2.5 to 2.5	Pass			
	784.5	25	0	20	3.27	-0.672	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.330	-0.0017	-2.5 to 2.5	Pass
					4.43	-10.757	-0.0137	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-7.095	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0042	-2.5 to 2.5	Pass
30				3.85	-8.526	-0.0109	-2.5 to 2.5	Pass	
40				3.85	-11.573	-0.0148	-2.5 to 2.5	Pass	
50	3.85	-5.021	-0.0064	-2.5 to 2.5	Pass				

## 2.1.2 B13\_10MHz

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	3.27	-9.027	-0.0115	-2.5 to 2.5	Pass
					3.85	-6.666	-0.0085	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-3.505	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-5.350	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-4.435	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0091	-2.5 to 2.5	Pass
50	3.85	-7.768	-0.0099	-2.5 to 2.5	Pass				
16QAM	782	50	0	20	3.27	-7.524	-0.0096	-2.5 to 2.5	Pass
					3.85	-5.693	-0.0073	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0076	-2.5 to 2.5	Pass

				-30	3.85	-7.854	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-9.613	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-3.676	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-7.138	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-3.648	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-6.852	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-4.306	-0.0055	-2.5 to 2.5	Pass

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B13\_5MHz

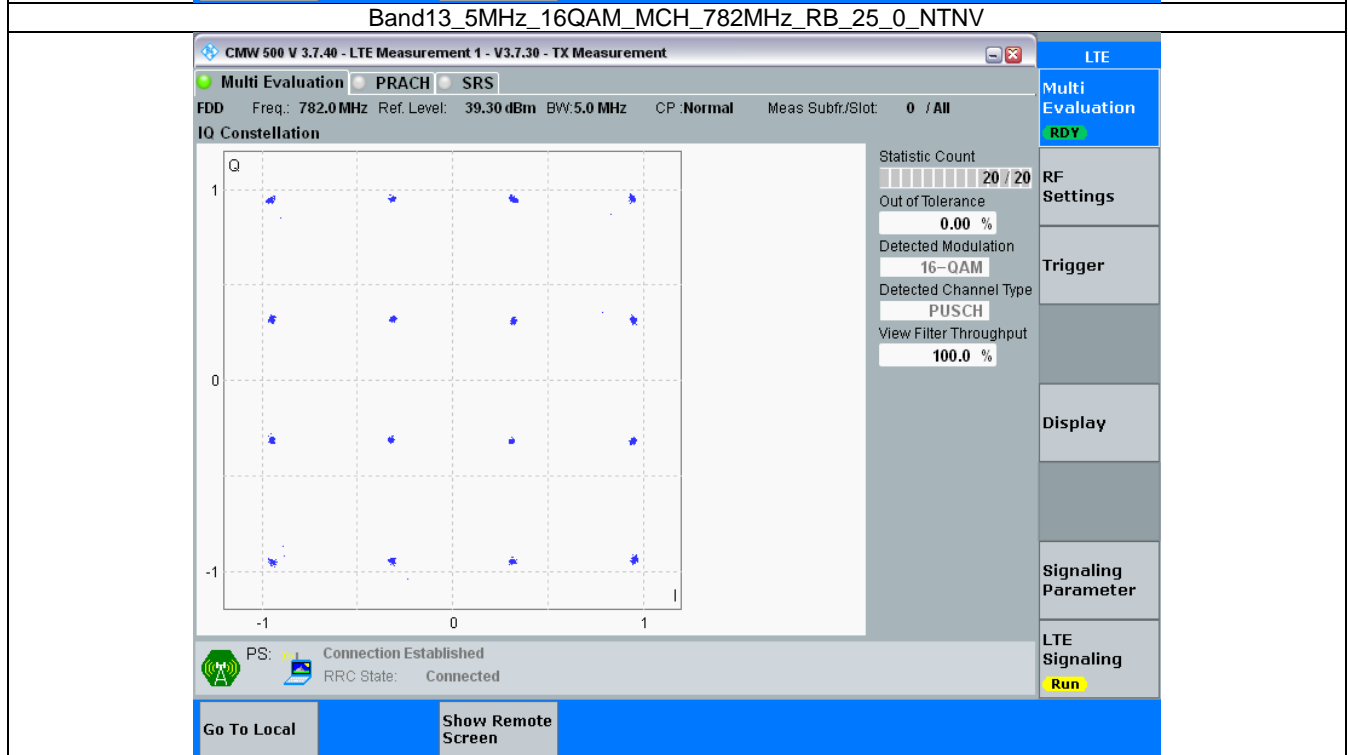
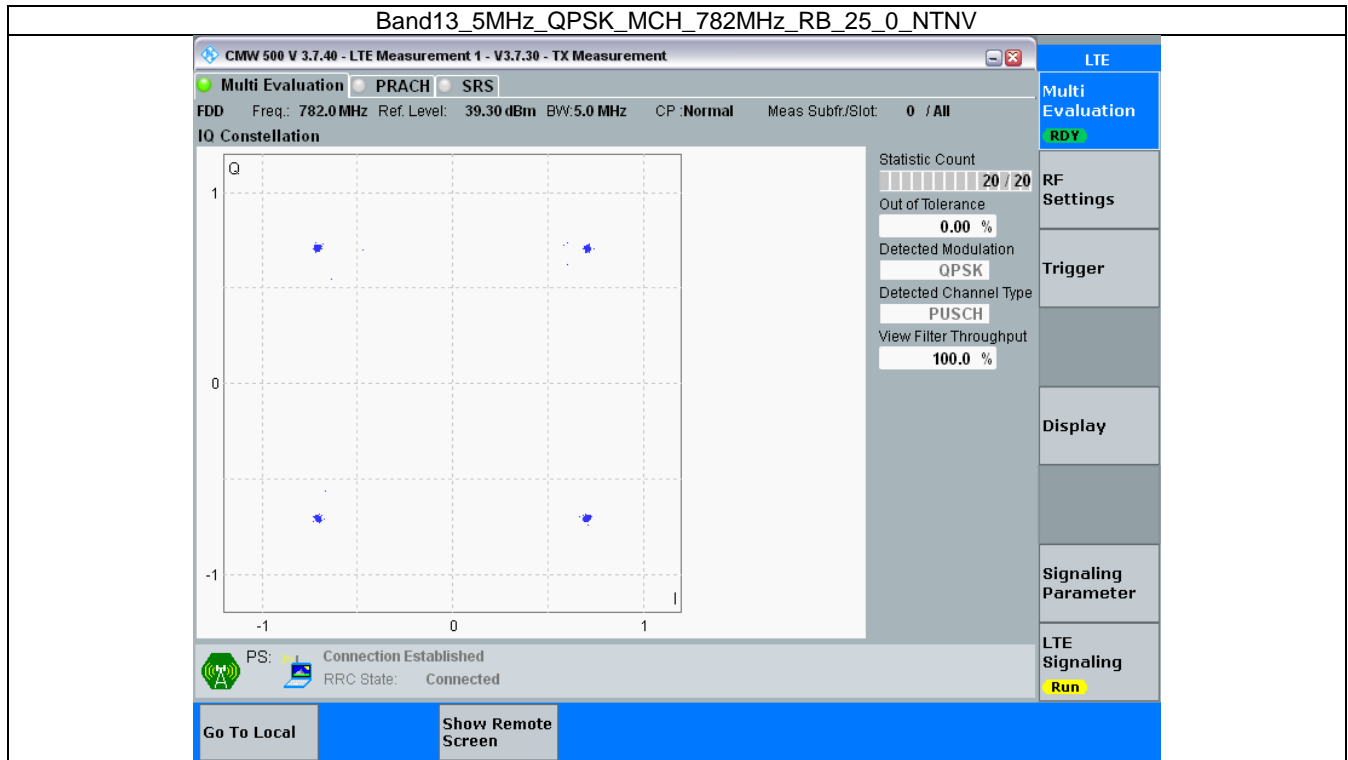
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	25	0	Refer To Test Graph		Pass
16QAM	782	25	0	Refer To Test Graph		Pass

##### 3.1.2 B13\_10MHz

Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	Refer To Test Graph		Pass
16QAM	782	50	0	Refer To Test Graph		Pass

## 3.2 Test Graph

### 3.2.1 B13\_5MHz



### 3.2.2 B13\_10MHz

**Band13\_10MHz\_QPSK\_MCH\_782MHz\_RB\_50\_0\_NTNV**

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 782.0 MHz Ref. Level: 39.50 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**

PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

**Band13\_10MHz\_16QAM\_MCH\_782MHz\_RB\_50\_0\_NTNV**

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 782.0 MHz Ref. Level: 39.50 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**

PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band13\_OBW

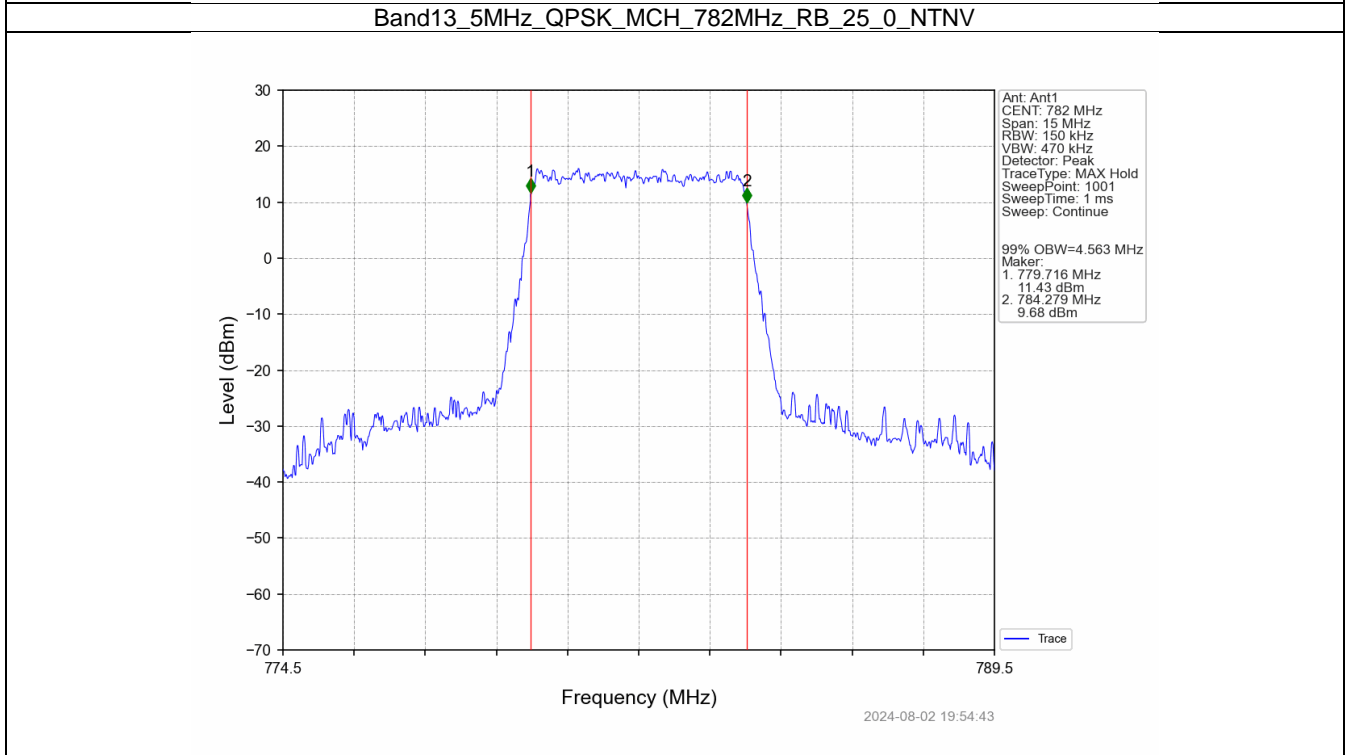
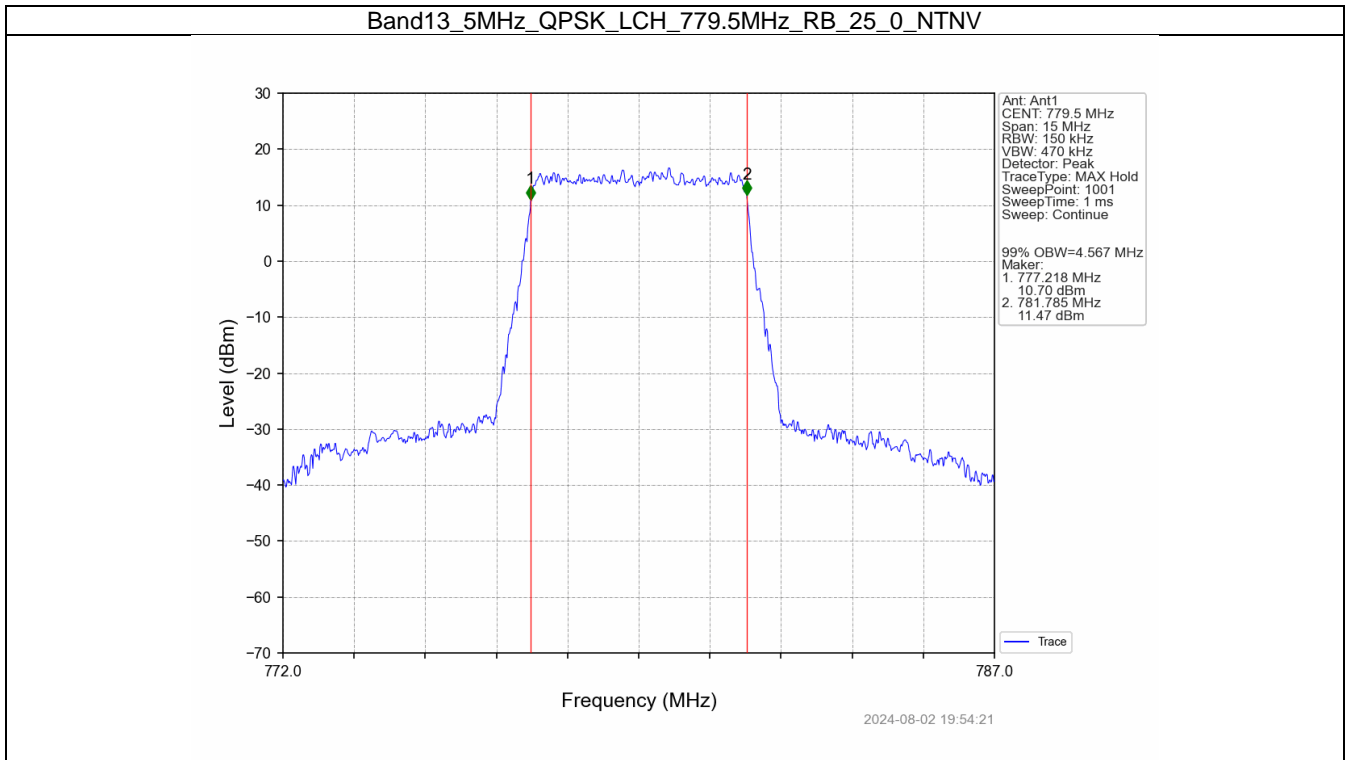
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.567	/	Pass
		782	25	0	4.563	/	Pass
		784.5	25	0	4.580	/	Pass
	16QAM	779.5	25	0	4.589	/	Pass
		782	25	0	4.587	/	Pass
		784.5	25	0	4.553	/	Pass
10	QPSK	782	50	0	9.112	/	Pass
	16QAM	782	50	0	9.077	/	Pass

#### 4.1.2 Band13\_XDB

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.279	/	Pass
		782	25	0	5.299	/	Pass
		784.5	25	0	5.260	/	Pass
	16QAM	779.5	25	0	5.331	/	Pass
		782	25	0	5.237	/	Pass
		784.5	25	0	5.224	/	Pass
10	QPSK	782	50	0	10.322	/	Pass
	16QAM	782	50	0	10.378	/	Pass

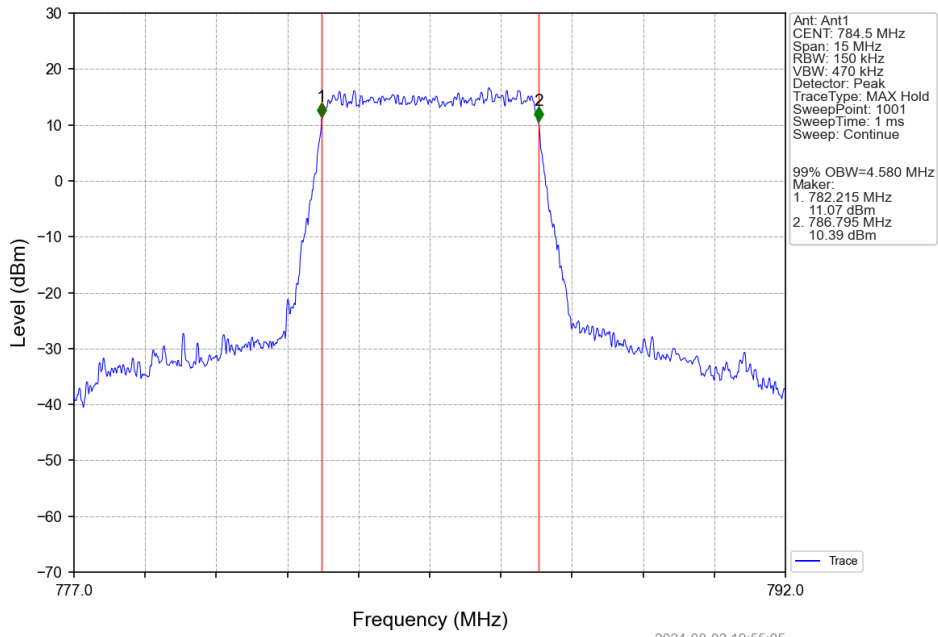
## 4.2 Test Graph

### 4.2.1 Band13\_OBW

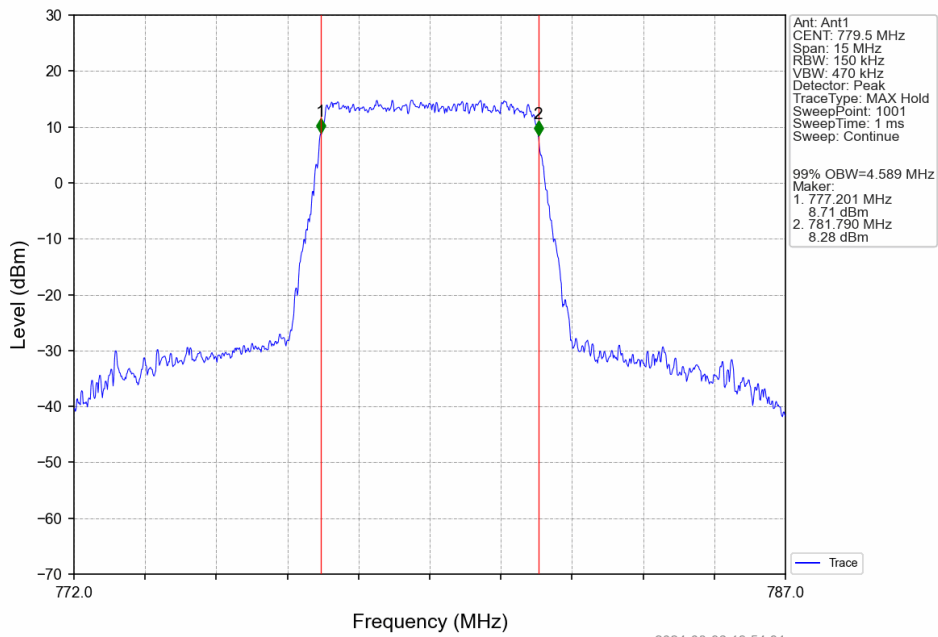




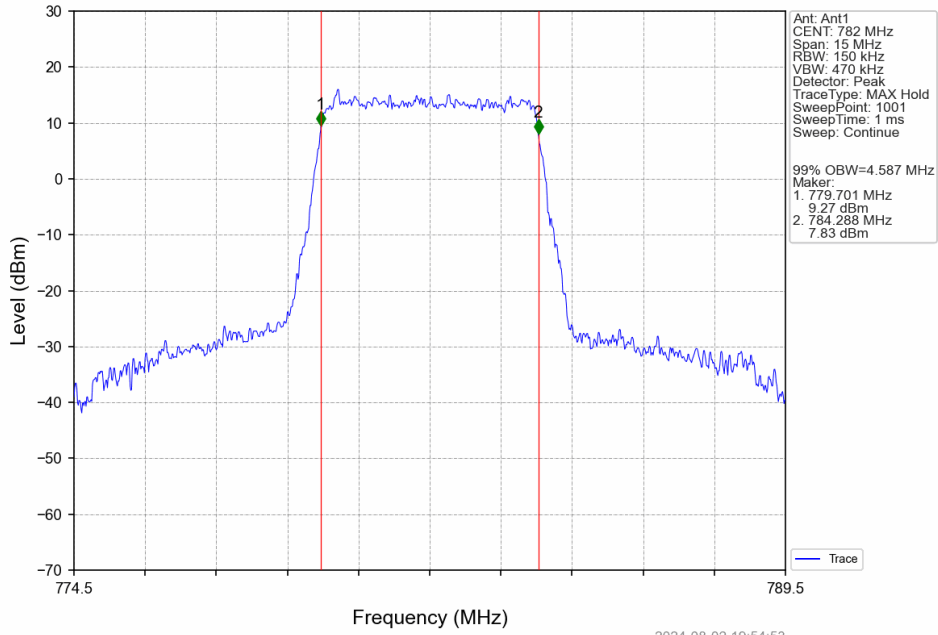
Band13\_5MHz\_QPSK\_HCH\_784.5MHz\_RB\_25\_0\_NTNV



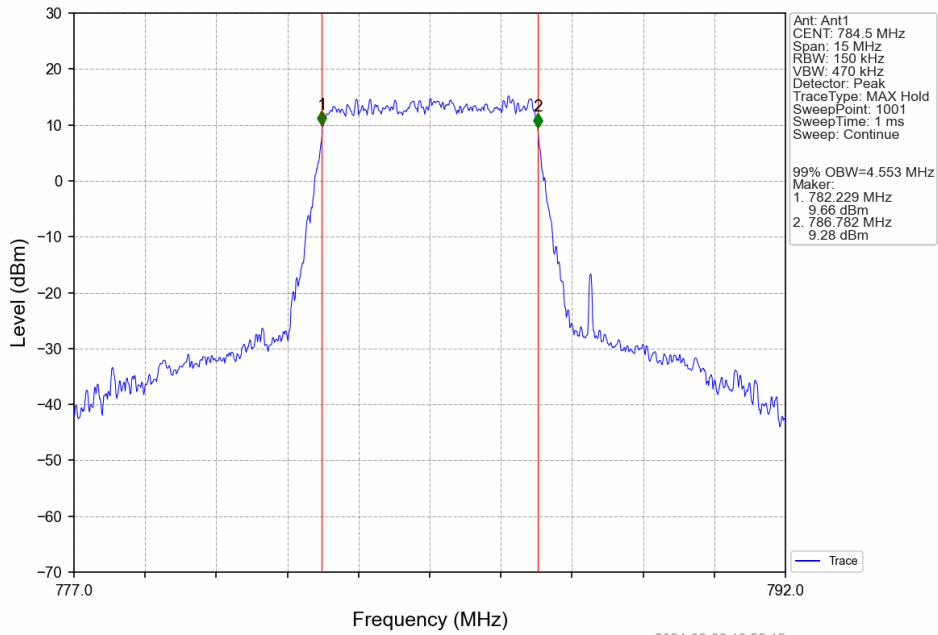
Band13\_5MHz\_16QAM\_LCH\_779.5MHz\_RB\_25\_0\_NTNV



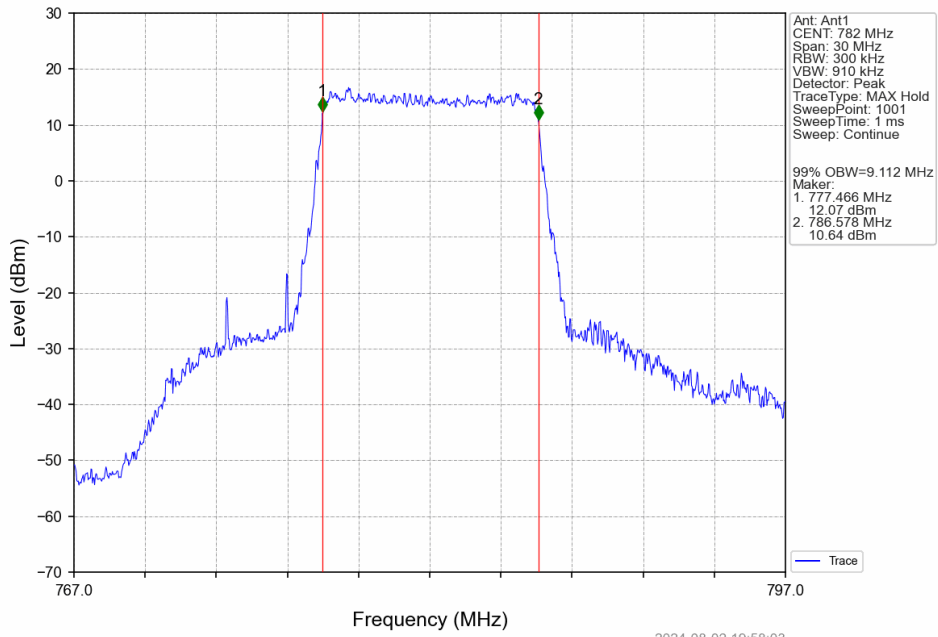
Band13\_5MHz\_16QAM\_MCH\_782MHz\_RB\_25\_0\_NTNV



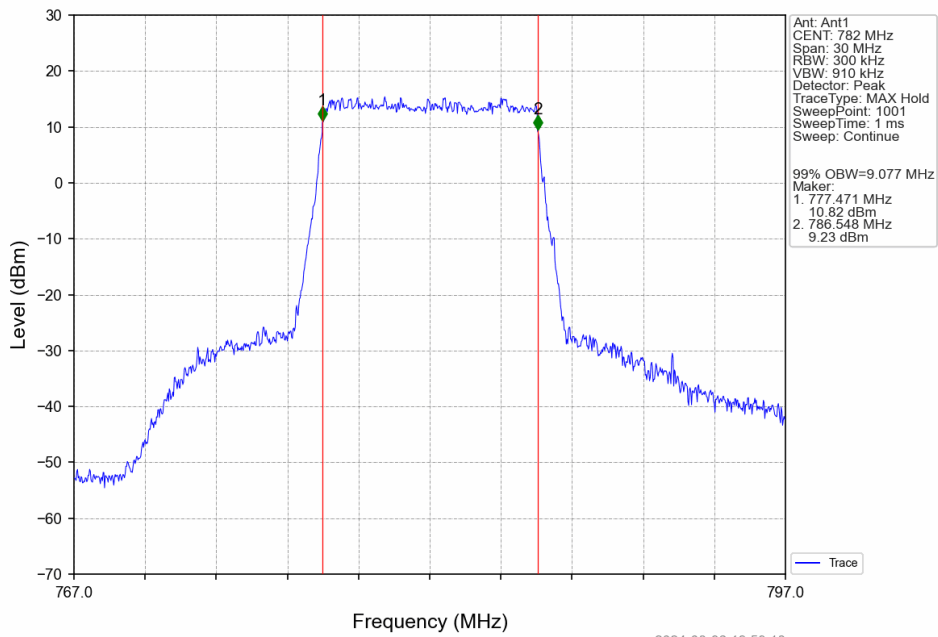
Band13\_5MHz\_16QAM\_HCH\_784.5MHz\_RB\_25\_0\_NTNV



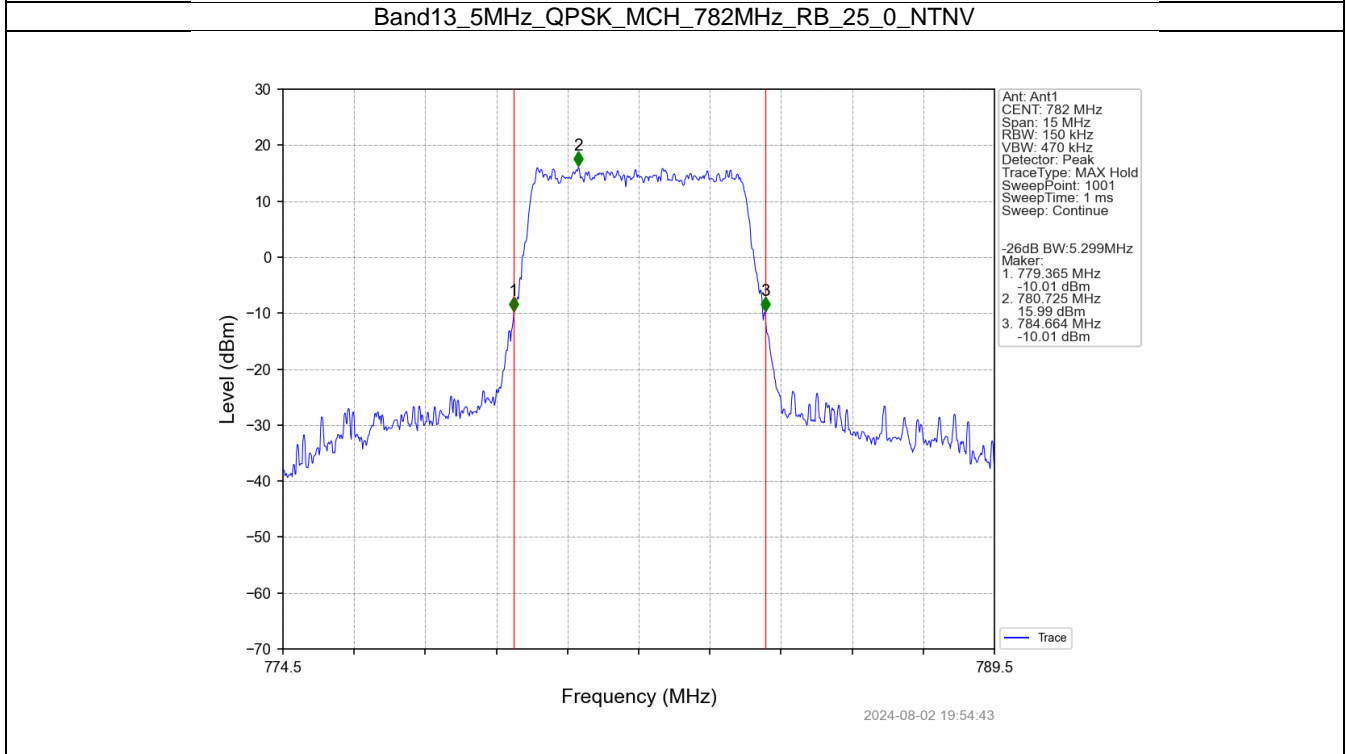
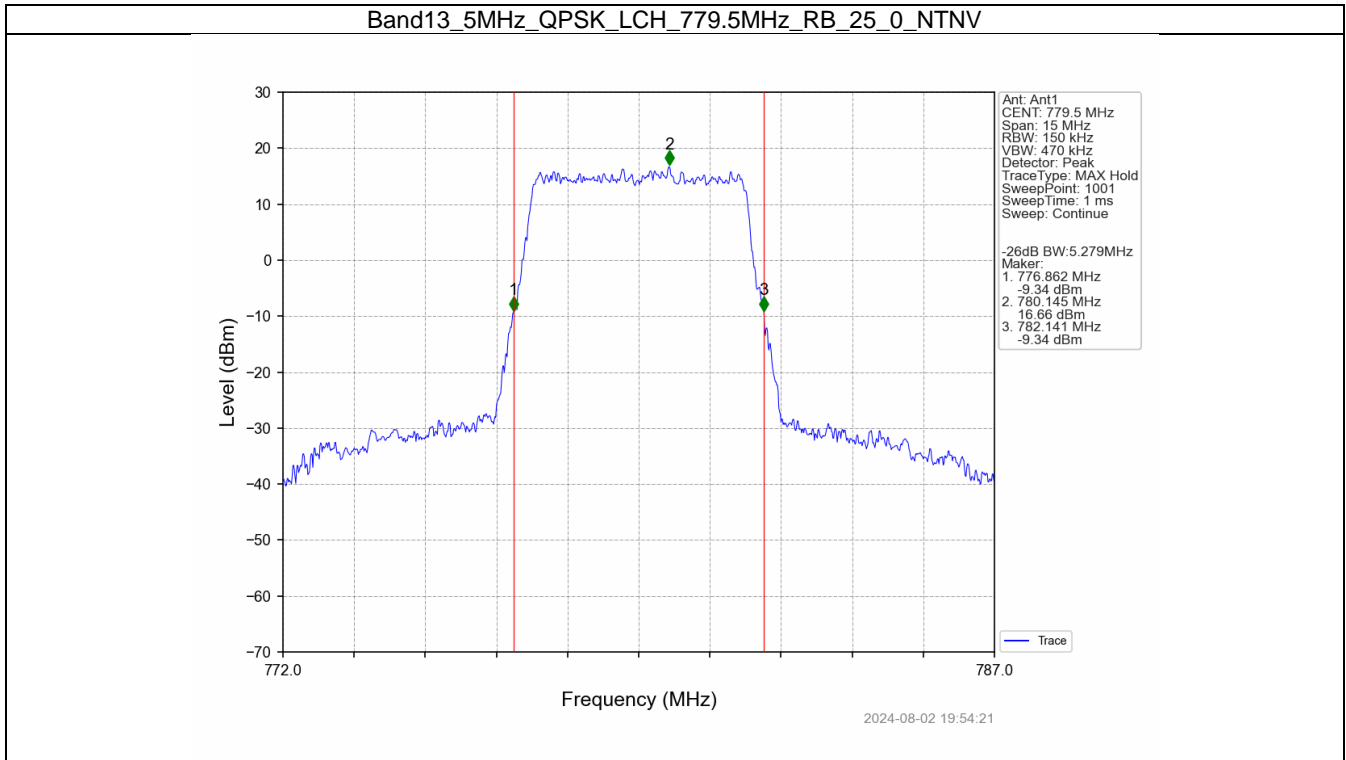
Band13\_10MHz\_QPSK\_MCH\_782MHz\_RB\_50\_0\_NTNV



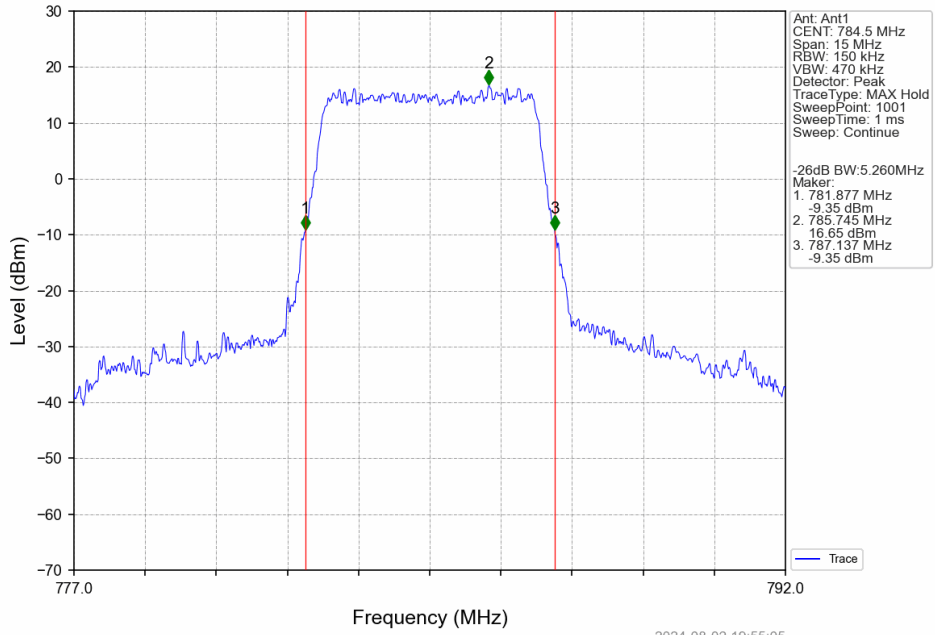
Band13\_10MHz\_16QAM\_MCH\_782MHz\_RB\_50\_0\_NTNV



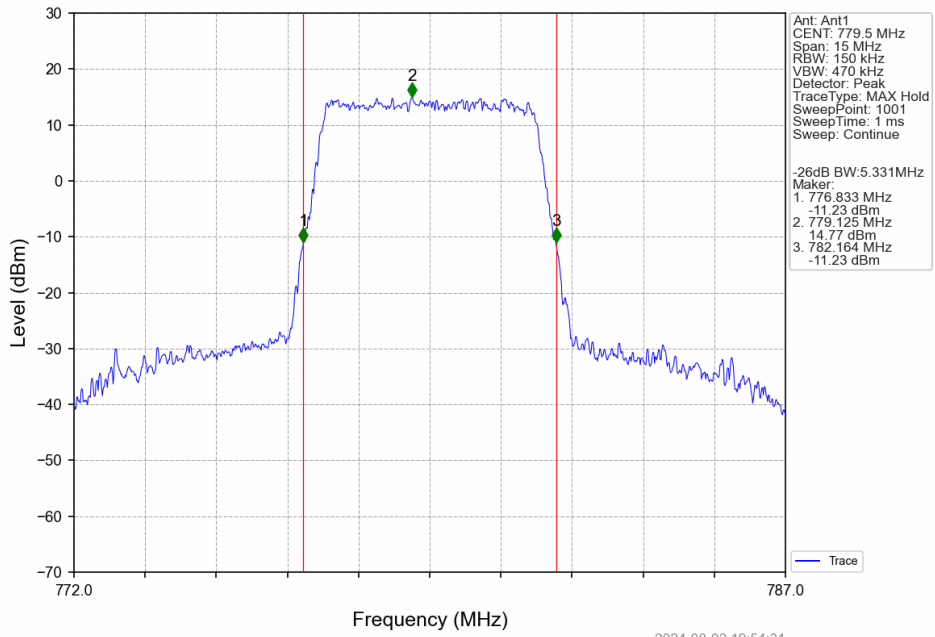
### 4.2.2 Band13\_XDB



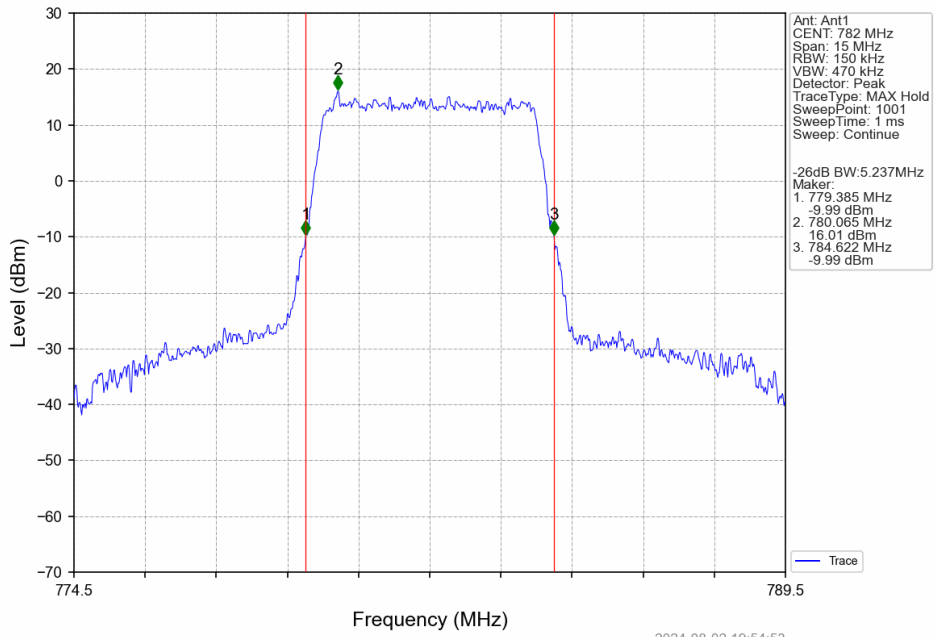
Band13\_5MHz\_QPSK\_HCH\_784.5MHz\_RB\_25\_0\_NTNV



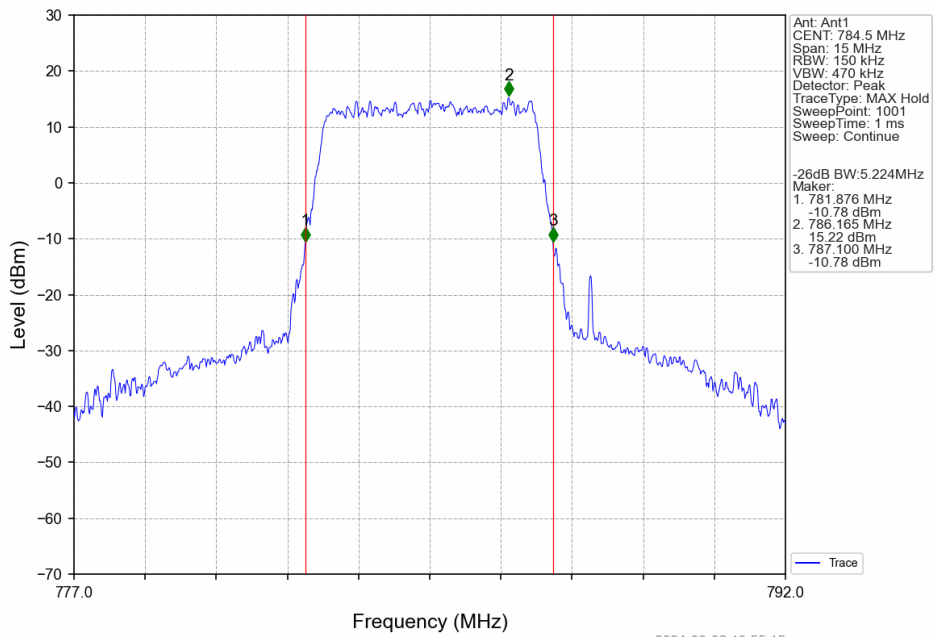
Band13\_5MHz\_16QAM\_LCH\_779.5MHz\_RB\_25\_0\_NTNV



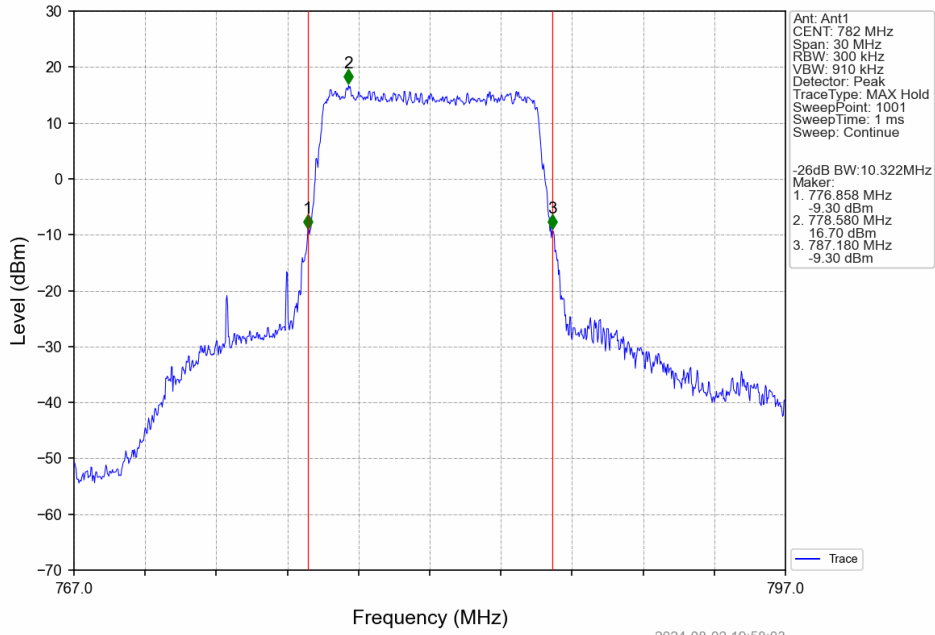
Band13\_5MHz\_16QAM\_MCH\_782MHz\_RB\_25\_0\_NTNV



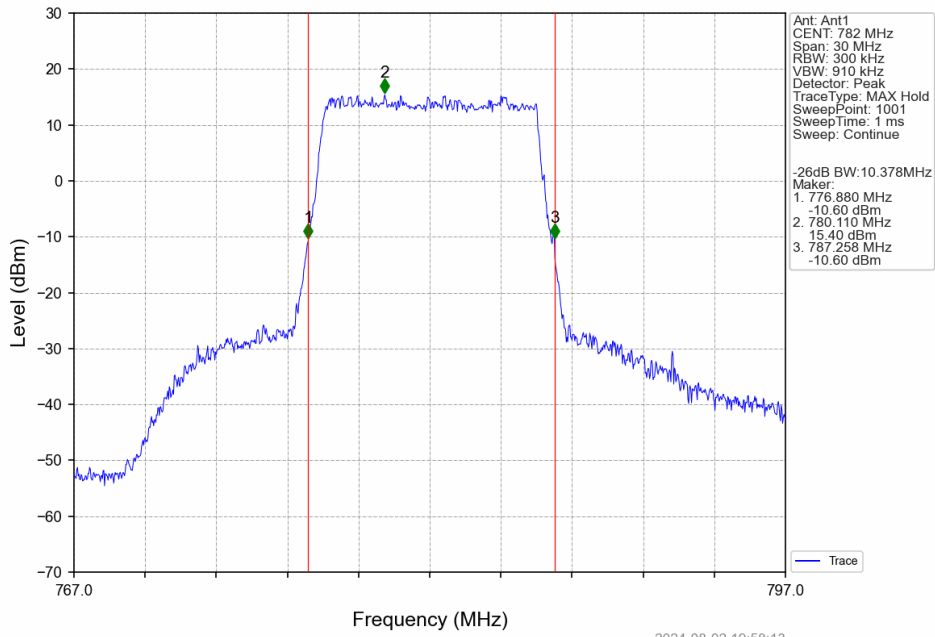
Band13\_5MHz\_16QAM\_HCH\_784.5MHz\_RB\_25\_0\_NTNV



Band13\_10MHz\_QPSK\_MCH\_782MHz\_RB\_50\_0\_NTNV



Band13\_10MHz\_16QAM\_MCH\_782MHz\_RB\_50\_0\_NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B13\_5MHz

Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.63	<=13	Pass
	782	25	0	5.77	<=13	Pass
	784.5	25	0	5.77	<=13	Pass
16QAM	779.5	25	0	6.34	<=13	Pass
	782	25	0	6.42	<=13	Pass
	784.5	25	0	6.37	<=13	Pass

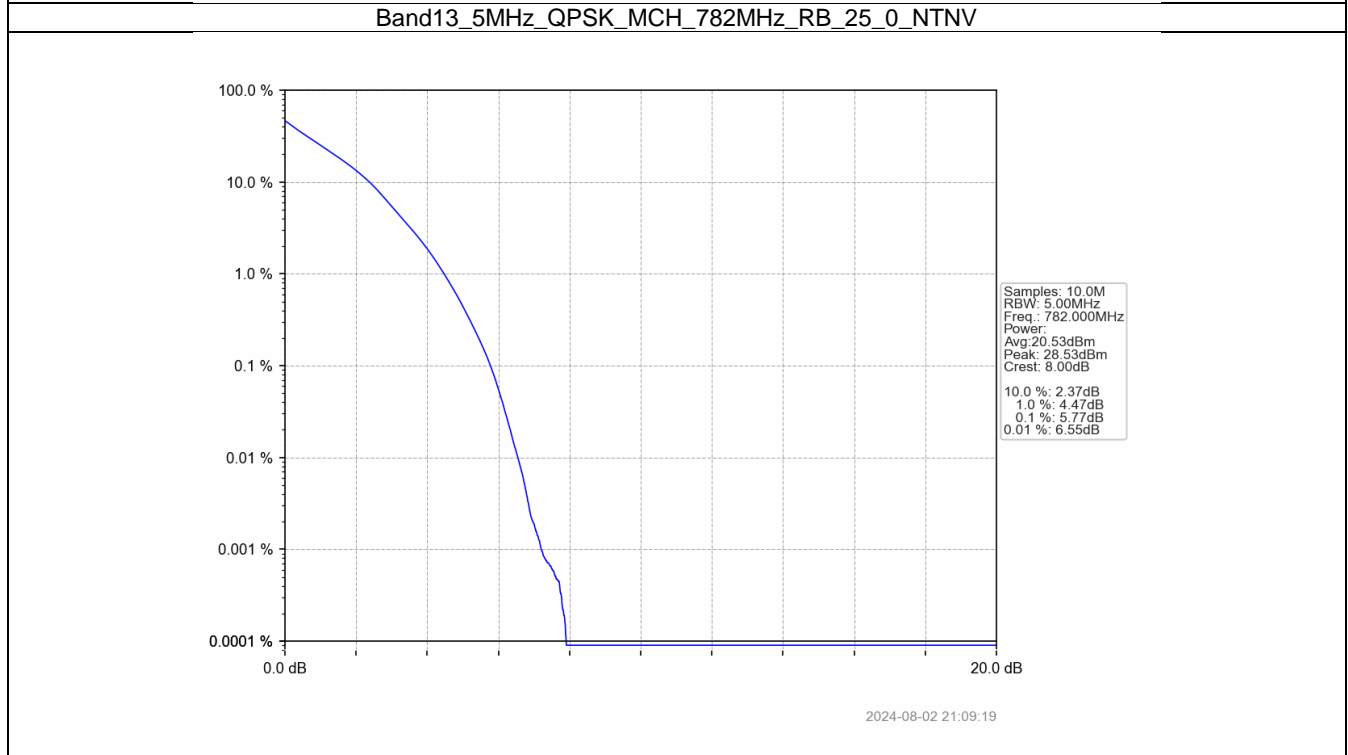
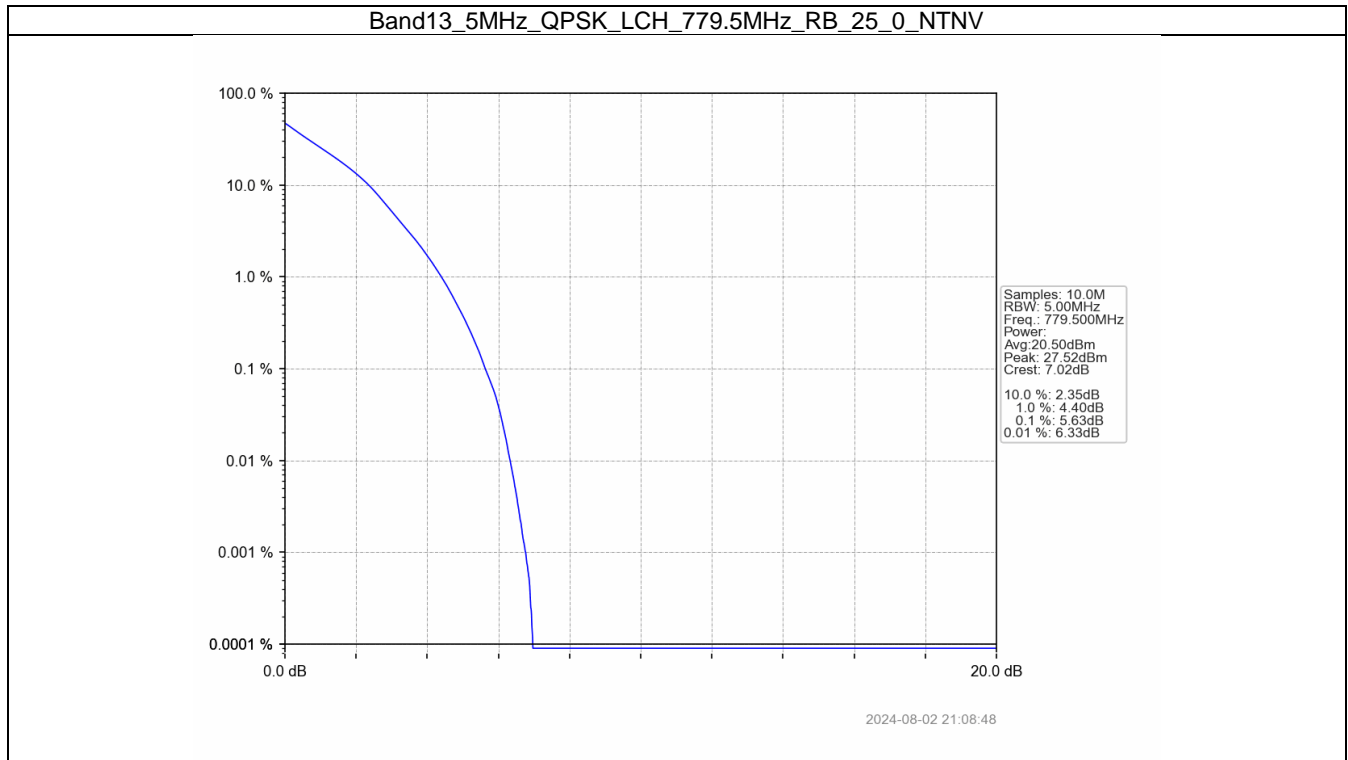
#### 5.1.2 B13\_10MHz

Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.72	<=13	Pass
16QAM	782	50	0	6.38	<=13	Pass

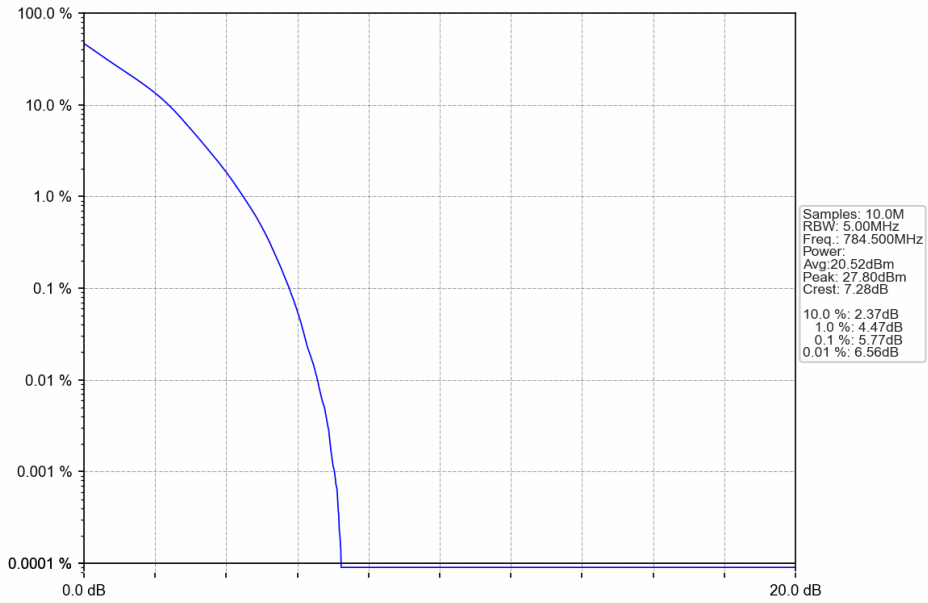


## 5.2 Test Graph

### 5.2.1 B13\_5MHz

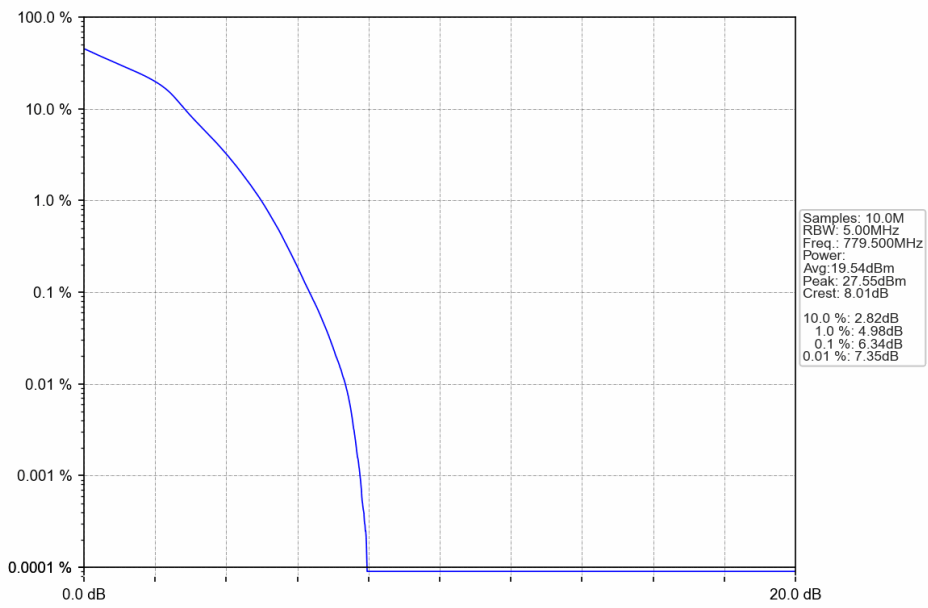


Band13\_5MHz\_QPSK\_HCH\_784.5MHz\_RB\_25\_0\_NTNV



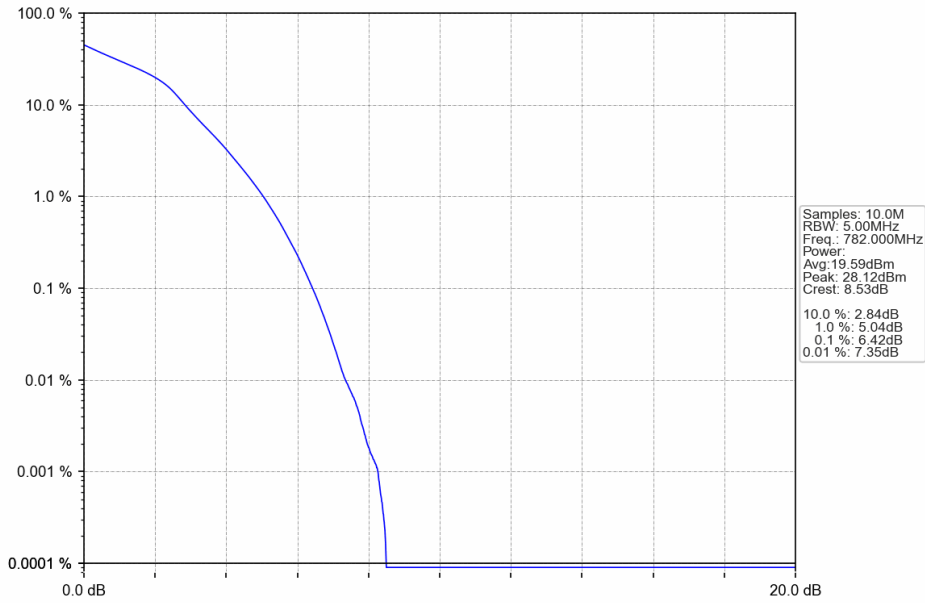
2024-08-02 21:09:51

Band13\_5MHz\_16QAM\_LCH\_779.5MHz\_RB\_25\_0\_NTNV



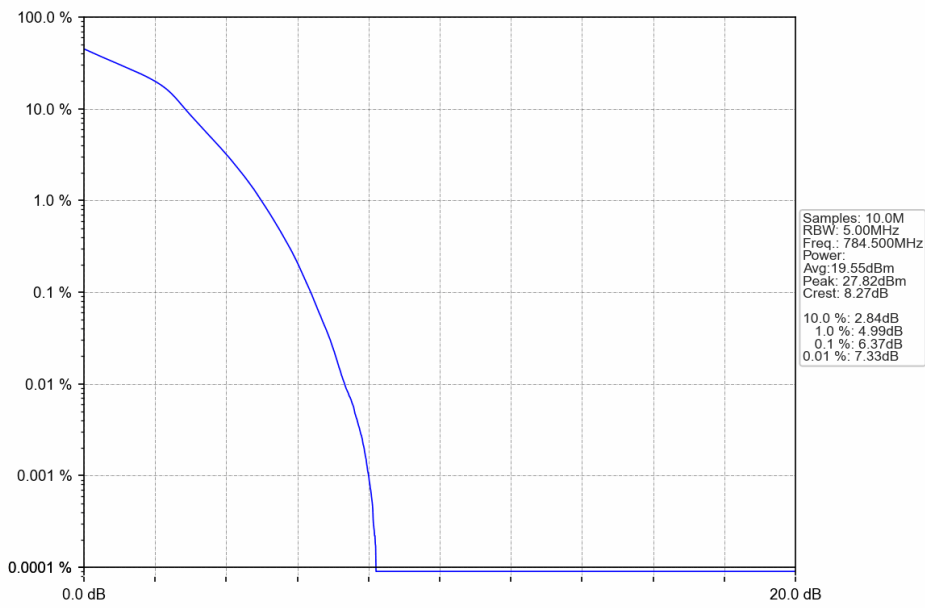
2024-08-02 21:09:02

Band13\_5MHz\_16QAM\_MCH\_782MHz\_RB\_25\_0\_NTNV



2024-08-02 21:09:35

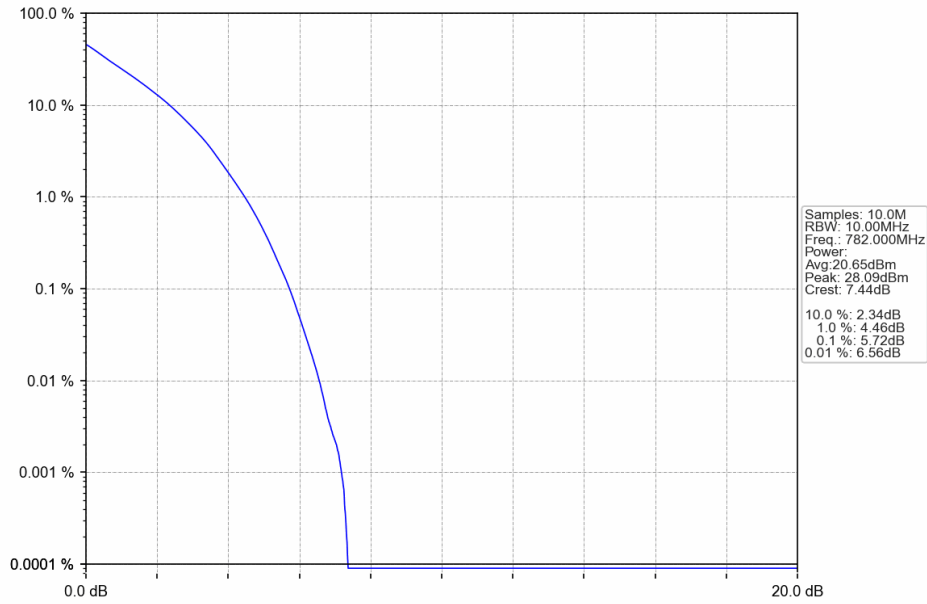
Band13\_5MHz\_16QAM\_HCH\_784.5MHz\_RB\_25\_0\_NTNV



2024-08-02 21:10:06

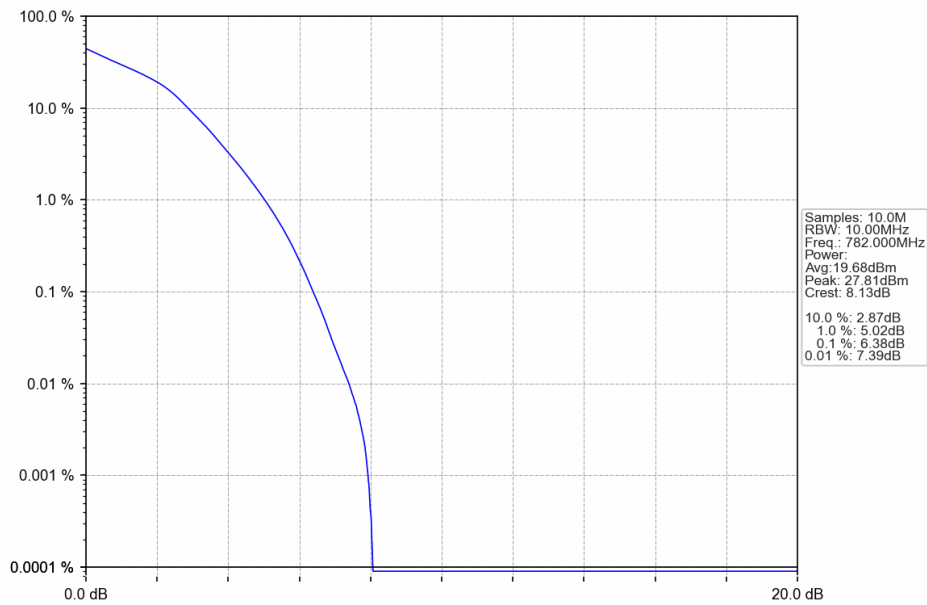
## 5.2.2 B13\_10MHz

Band13\_10MHz\_QPSK\_MCH\_782MHz\_RB\_50\_0\_NTNV



2024-08-02 21:12:11

Band13\_10MHz\_16QAM\_MCH\_782MHz\_RB\_50\_0\_NTNV



2024-08-02 21:12:28

## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B13\_5MHz

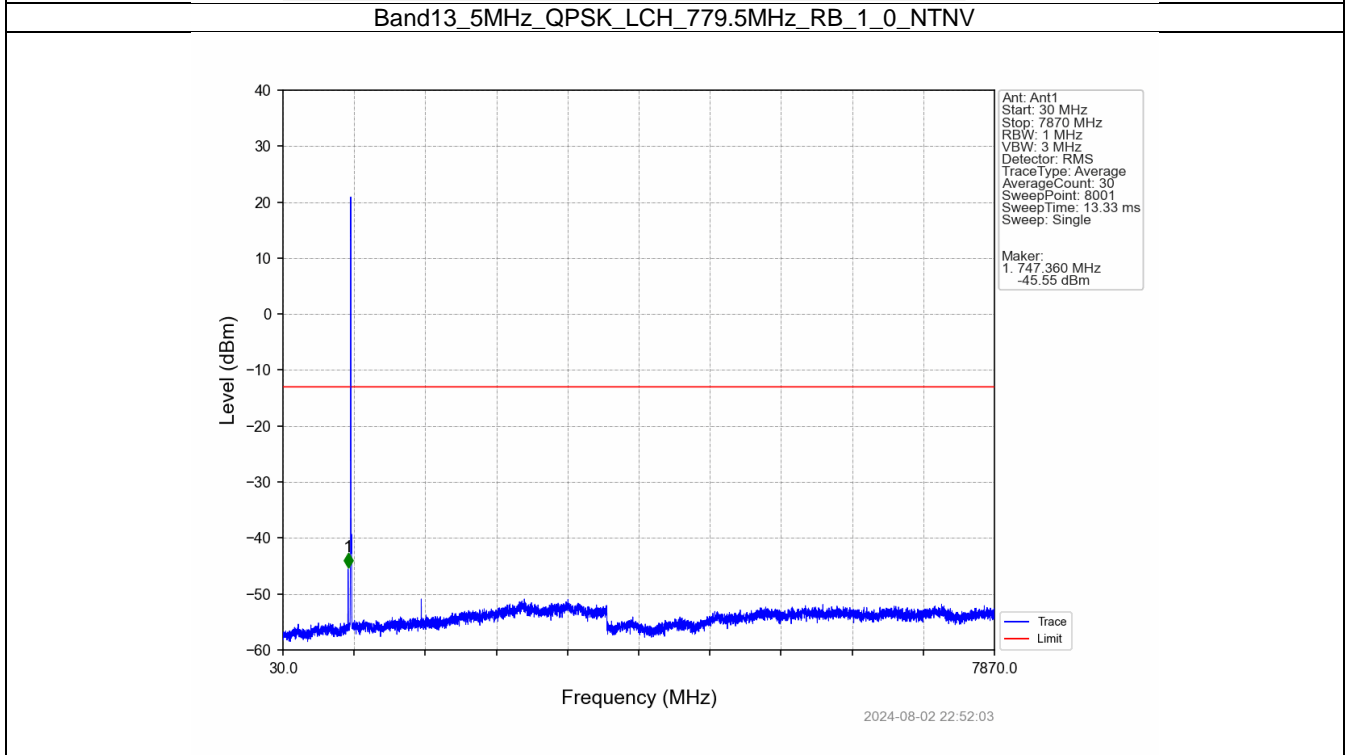
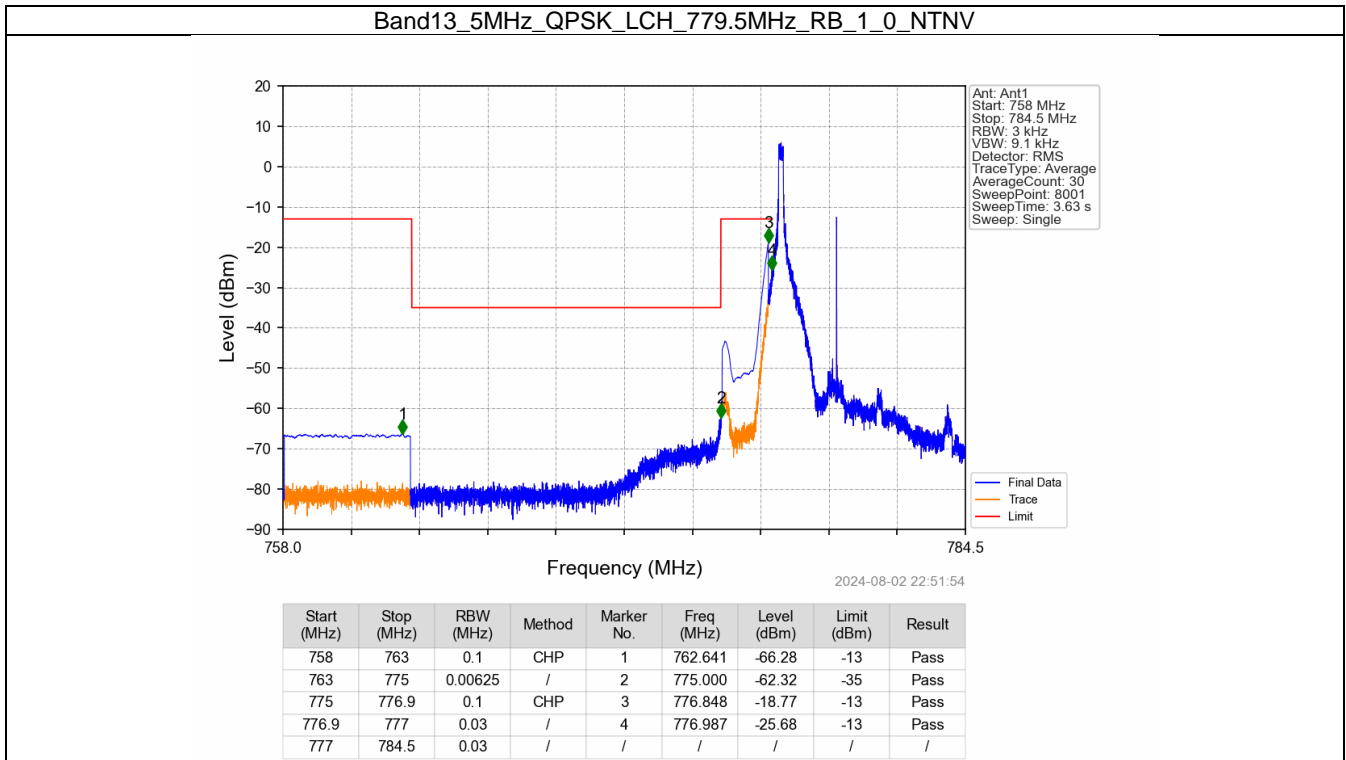
Band: 13 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
25	0	Refer To Test Graph		Pass		
16QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
25	0	Refer To Test Graph		Pass		

#### 6.1.2 B13\_10MHz

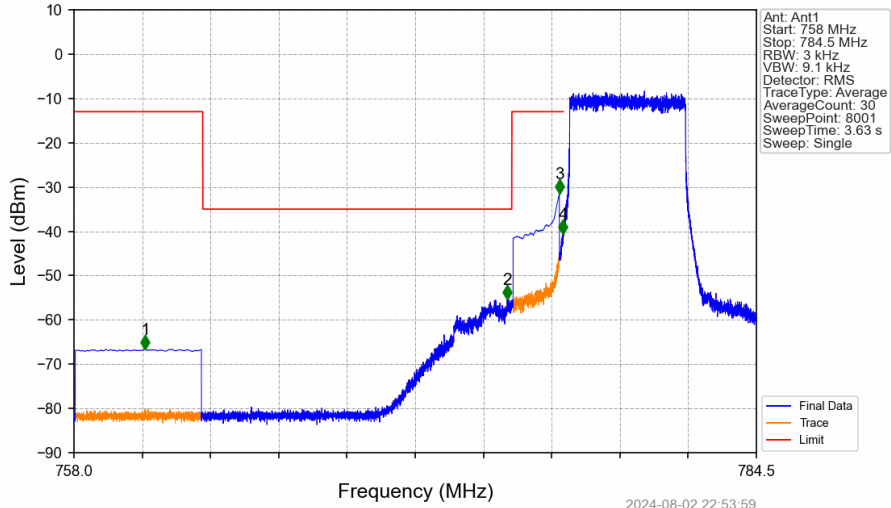
Band: 13 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

## 6.2 Test Graph

### 6.2.1 B13\_5MHz



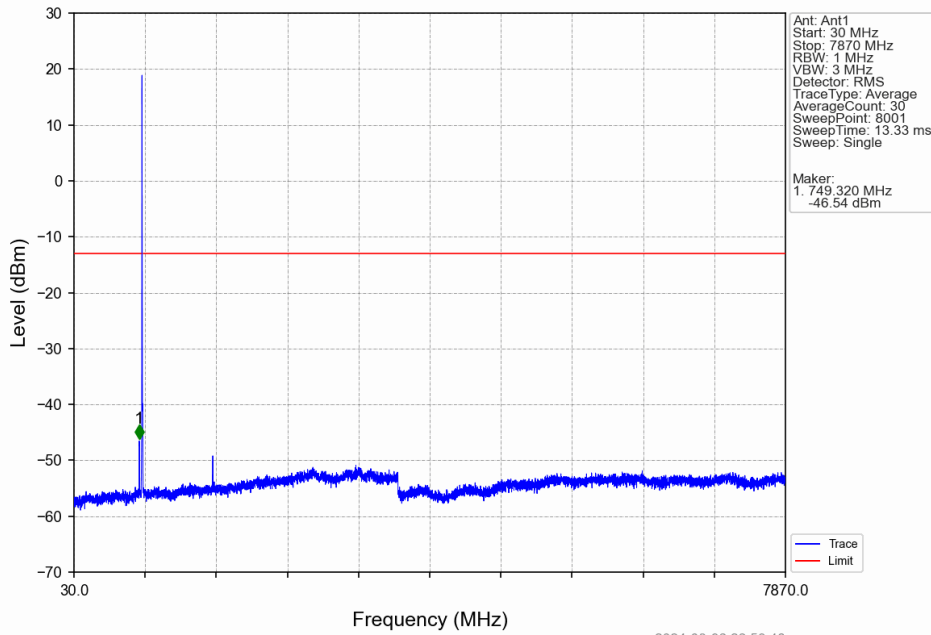
Band13\_5MHz\_QPSK\_LCH\_779.5MHz\_RB\_25\_0\_NTNV



2024-08-02 22:53:59

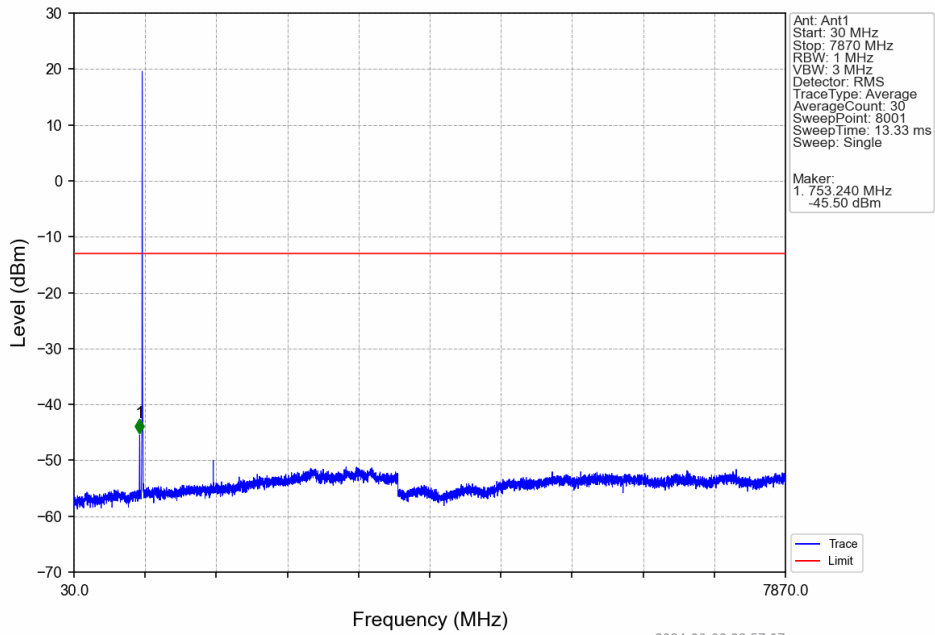
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.759	-66.60	-13	Pass
763	775	0.00625	/	2	774.824	-55.38	-35	Pass
775	776.9	0.1	CHP	3	776.848	-31.42	-13	Pass
776.9	777	0.03	/	4	776.997	-40.51	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13\_5MHz\_QPSK\_MCH\_782MHz\_RB\_1\_0\_NTNV

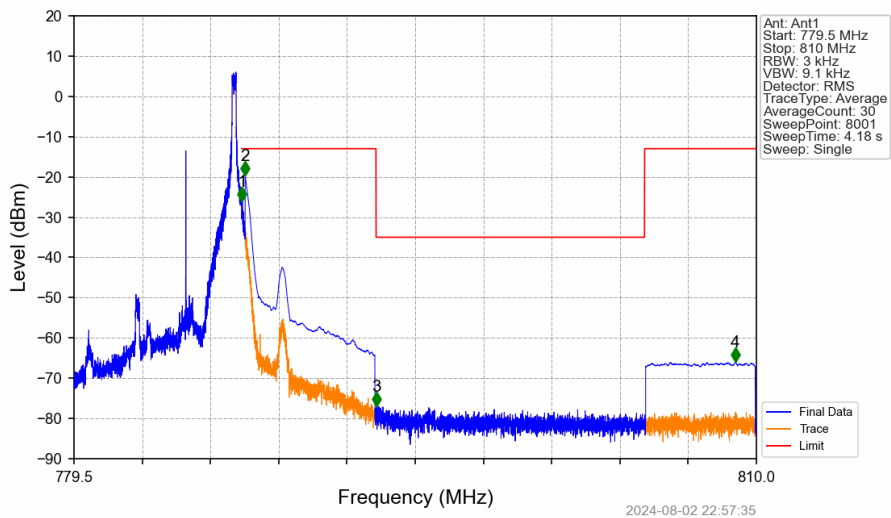


2024-08-02 22:56:46

Band13\_5MHz\_QPSK\_HCH\_784.5MHz\_RB\_1\_0\_NTNV



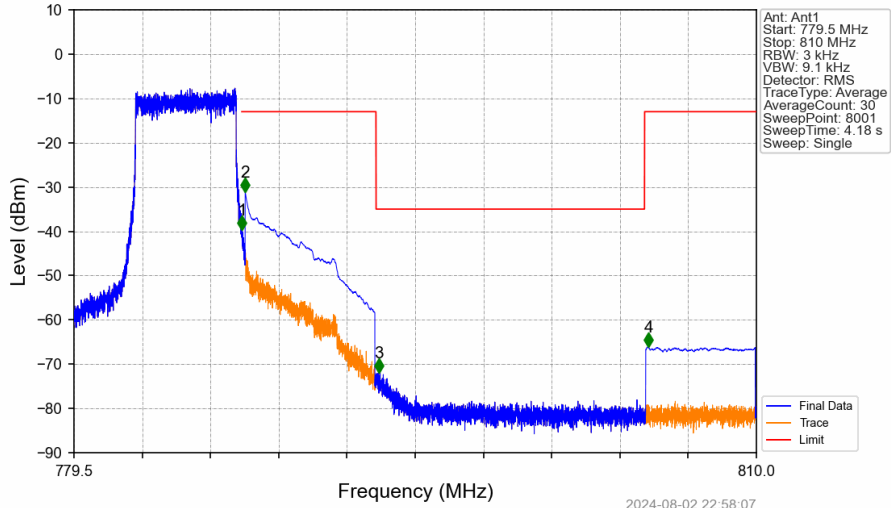
Band13\_5MHz\_QPSK\_HCH\_784.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.011	-26.07	-13	Pass
787.1	793	0.1	CHP	2	787.152	-19.66	-13	Pass
793	805	0.00625	/	3	793.027	-76.95	-35	Pass
805	810	0.1	CHP	4	809.058	-65.96	-13	Pass



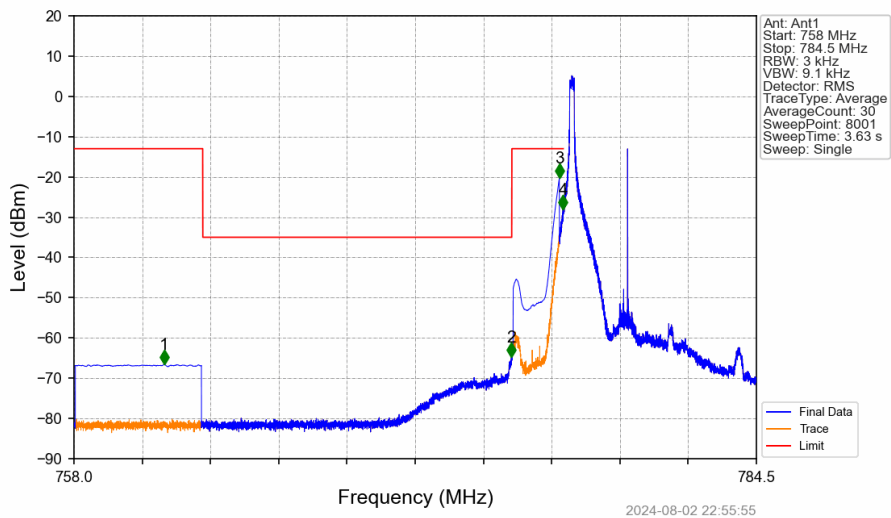
Band13\_5MHz\_QPSK\_HCH\_784.5MHz\_RB\_25\_0\_NTNV



2024-08-02 22:58:07

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.007	-39.68	-13	Pass
787.1	793	0.1	CHP	2	787.152	-31.05	-13	Pass
793	805	0.00625	/	3	793.118	-71.83	-35	Pass
805	810	0.1	CHP	4	805.177	-66.13	-13	Pass

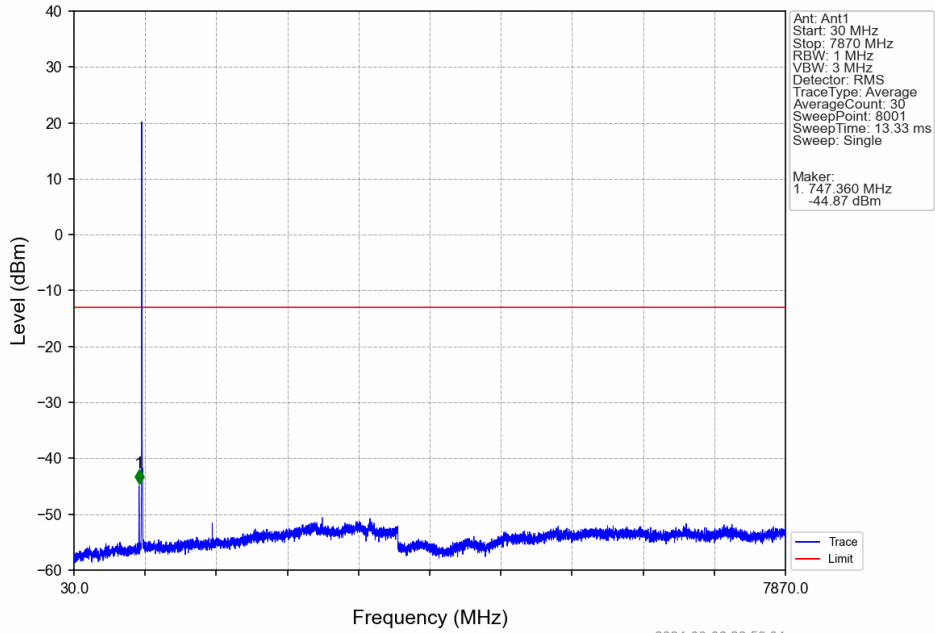
Band13\_5MHz\_16QAM\_LCH\_779.5MHz\_RB\_1\_0\_NTNV



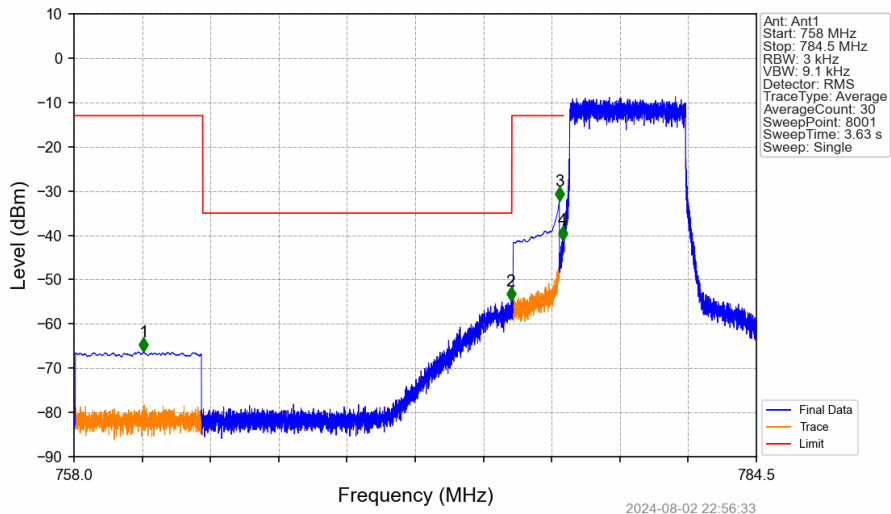
2024-08-02 22:55:55

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.495	-66.56	-13	Pass
763	775	0.00625	/	2	774.983	-64.76	-35	Pass
775	776.9	0.1	CHP	3	776.848	-20.22	-13	Pass
776.9	777	0.03	/	4	776.987	-27.93	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13\_5MHz\_16QAM\_LCH\_779.5MHz\_RB\_1\_0\_NTNV

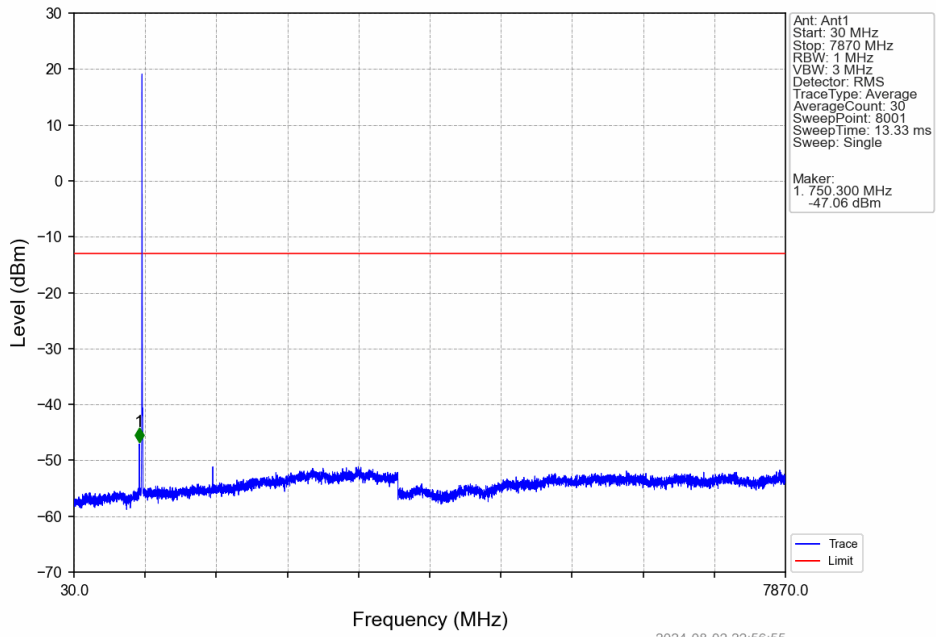


Band13\_5MHz\_16QAM\_LCH\_779.5MHz\_RB\_25\_0\_NTNV

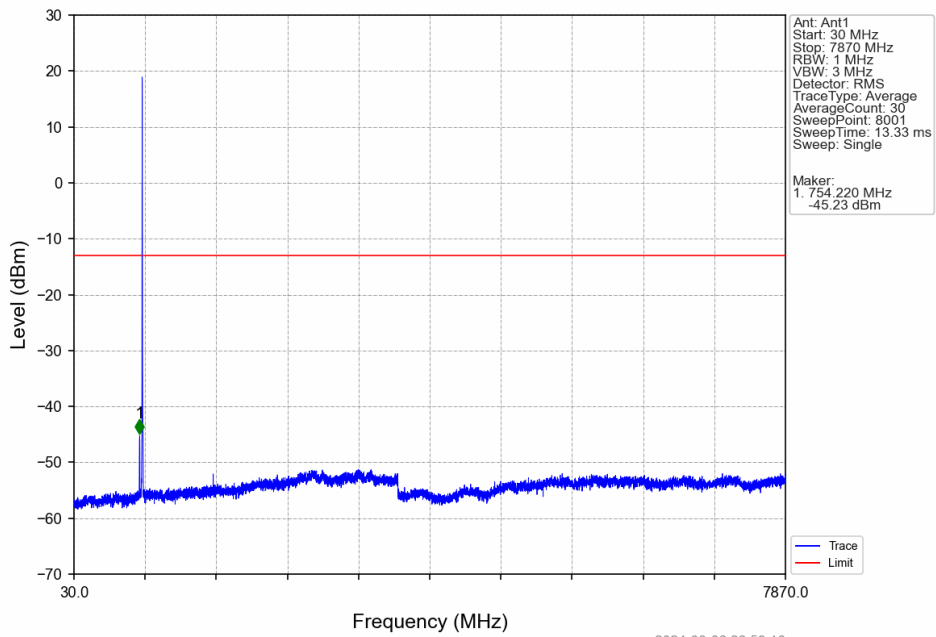


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.696	-66.31	-13	Pass
763	775	0.00625	/	2	774.963	-54.84	-35	Pass
775	776.9	0.1	CHP	3	776.848	-32.22	-13	Pass
776.9	777	0.03	/	4	776.984	-41.04	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

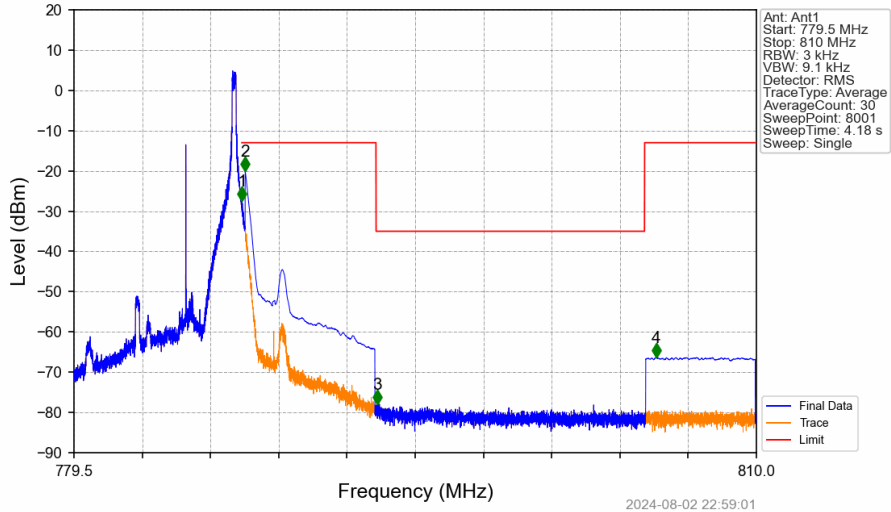
Band13\_5MHz\_16QAM\_MCH\_782MHz\_RB\_1\_0\_NTNV



Band13\_5MHz\_16QAM\_HCH\_784.5MHz\_RB\_1\_0\_NTNV

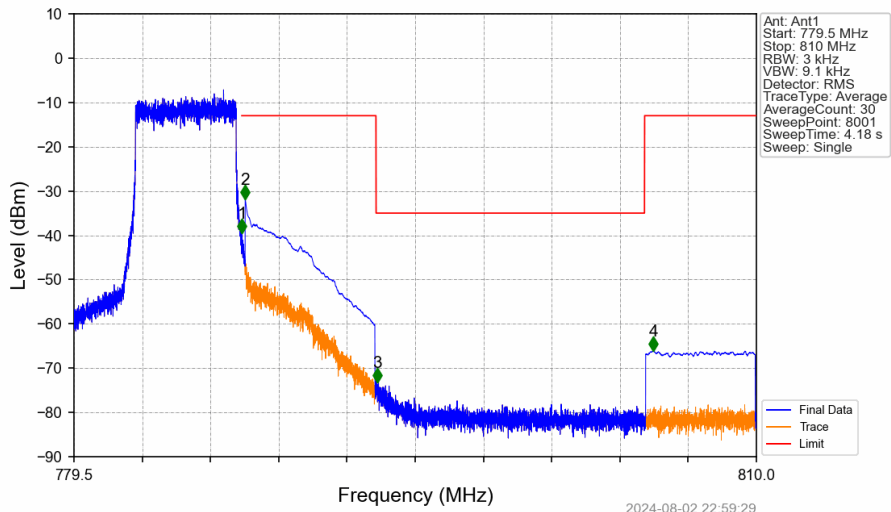


Band13\_5MHz\_16QAM\_HCH\_784.5MHz\_RB\_1\_24\_NTNV



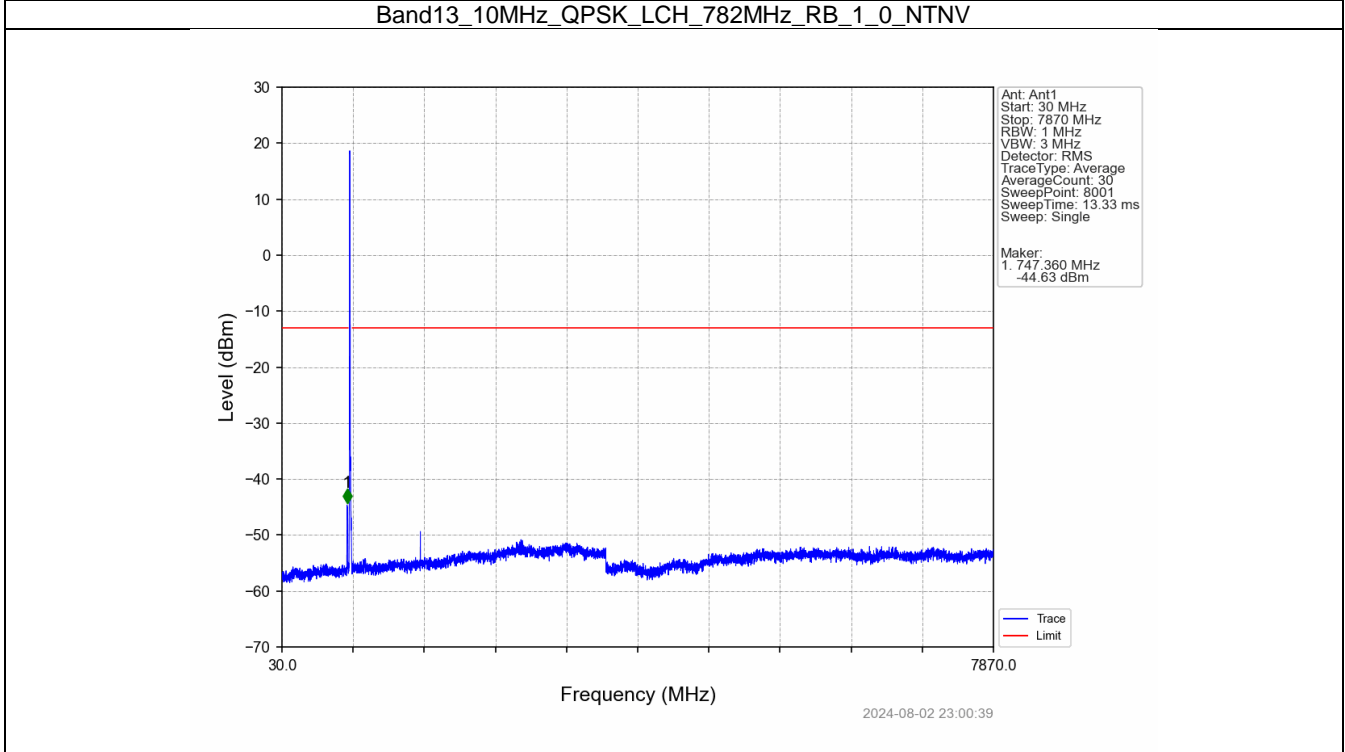
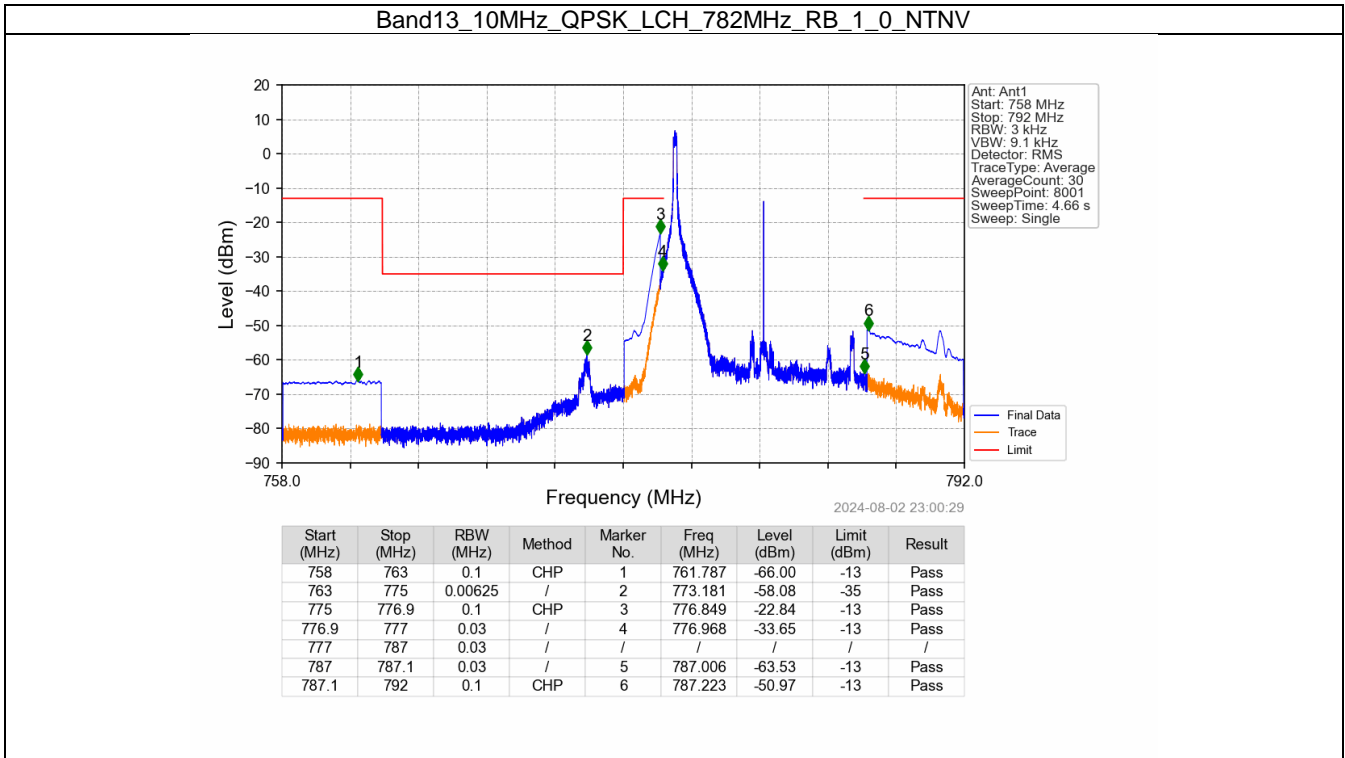
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.014	-27.43	-13	Pass
787.1	793	0.1	CHP	2	787.152	-19.98	-13	Pass
793	805	0.00625	/	3	793.072	-77.84	-35	Pass
805	810	0.1	CHP	4	805.520	-66.33	-13	Pass

Band13\_5MHz\_16QAM\_HCH\_784.5MHz\_RB\_25\_0\_NTNV

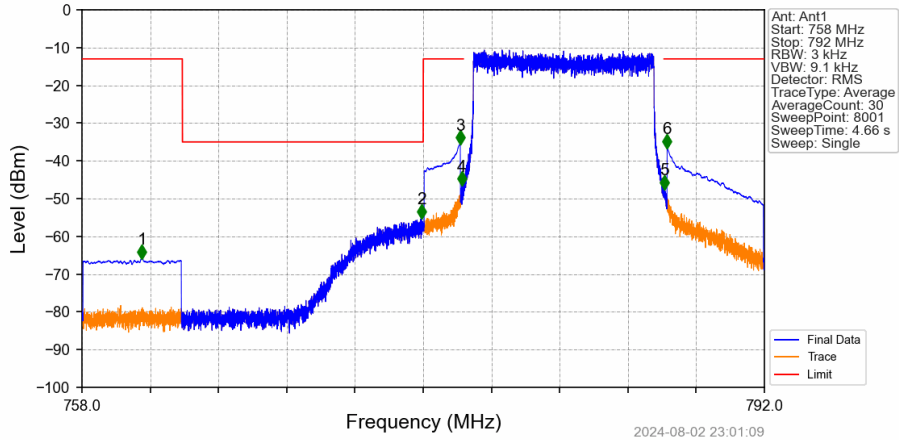


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.014	-39.52	-13	Pass
787.1	793	0.1	CHP	2	787.152	-31.81	-13	Pass
793	805	0.00625	/	3	793.038	-73.13	-35	Pass
805	810	0.1	CHP	4	805.398	-66.14	-13	Pass

### 6.2.2 B13\_10MHz

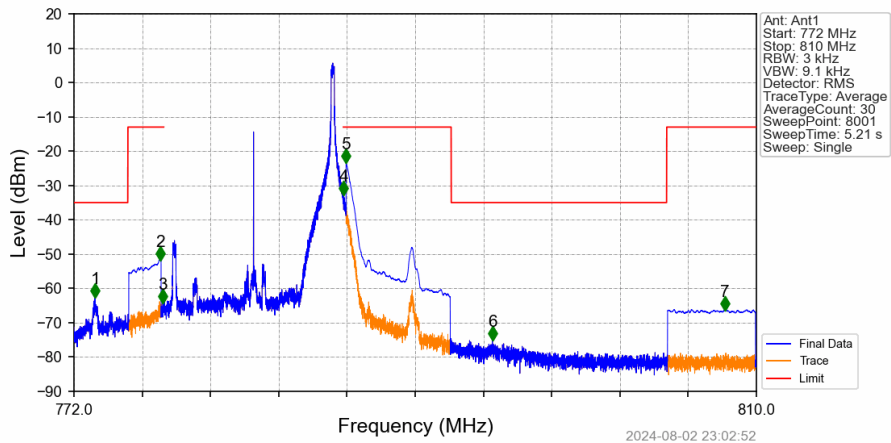


Band13\_10MHz\_QPSK\_LCH\_782MHz\_RB\_50\_0\_NTNV



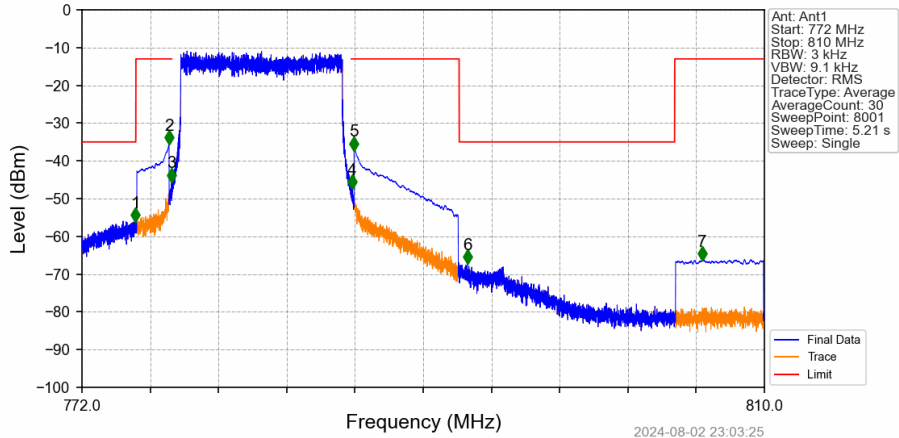
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.984	-65.60	-13	Pass
763	775	0.00625	/	2	774.915	-54.93	-35	Pass
775	776.9	0.1	CHP	3	776.849	-35.39	-13	Pass
776.9	777	0.03	/	4	776.925	-46.34	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.006	-47.23	-13	Pass
787.1	792	0.1	CHP	6	787.155	-36.35	-13	Pass

Band13\_10MHz\_QPSK\_HCH\_782MHz\_RB\_1\_49\_NTNV



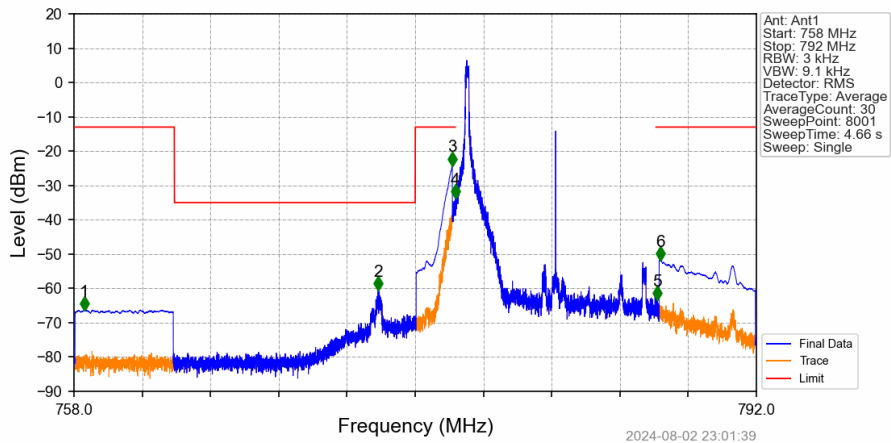
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.173	-62.35	-35	Pass
775	776.9	0.1	CHP	2	776.802	-51.57	-13	Pass
776.9	777	0.03	/	3	776.949	-63.96	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.015	-32.51	-13	Pass
787.1	793	0.1	CHP	5	787.153	-23.19	-13	Pass
793	805	0.00625	/	6	795.299	-74.85	-35	Pass
805	810	0.1	CHP	7	808.261	-66.13	-13	Pass

Band13\_10MHz\_QPSK\_HCH\_782MHz\_RB\_50\_0\_NTNV



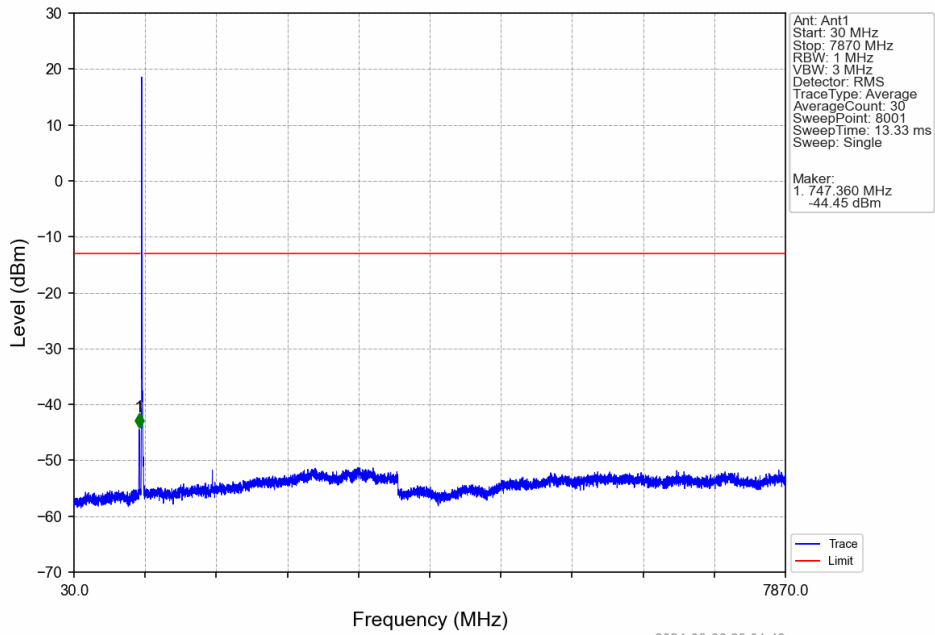
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.983	-55.84	-35	Pass
775	776.9	0.1	CHP	2	776.850	-35.40	-13	Pass
776.9	777	0.03	/	3	776.983	-45.33	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.048	-47.16	-13	Pass
787.1	793	0.1	CHP	5	787.153	-36.96	-13	Pass
793	805	0.00625	/	6	793.451	-67.05	-35	Pass
805	810	0.1	CHP	7	806.552	-66.12	-13	Pass

Band13\_10MHz\_16QAM\_LCH\_782MHz\_RB\_1\_0\_NTNV

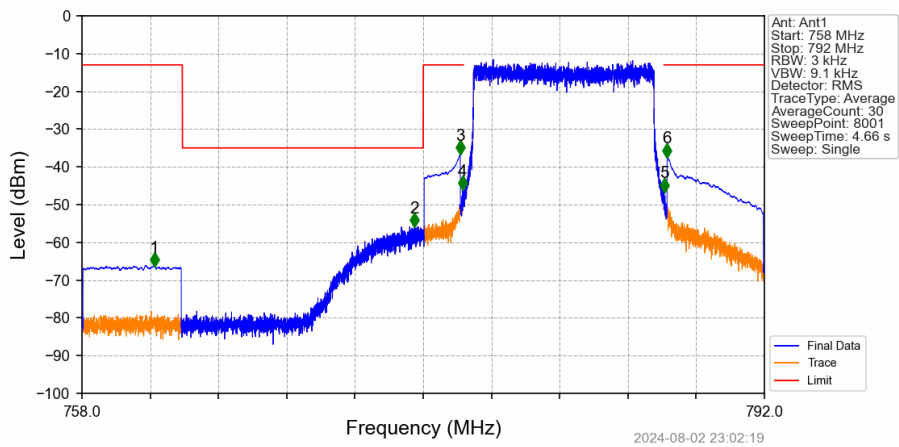


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.523	-66.12	-13	Pass
763	775	0.00625	/	2	773.160	-60.29	-35	Pass
775	776.9	0.1	CHP	3	776.849	-23.98	-13	Pass
776.9	777	0.03	/	4	776.997	-33.46	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.057	-63.13	-13	Pass
787.1	792	0.1	CHP	6	787.227	-51.52	-13	Pass

Band13\_10MHz\_16QAM\_LCH\_782MHz\_RB\_1\_0\_NTNV



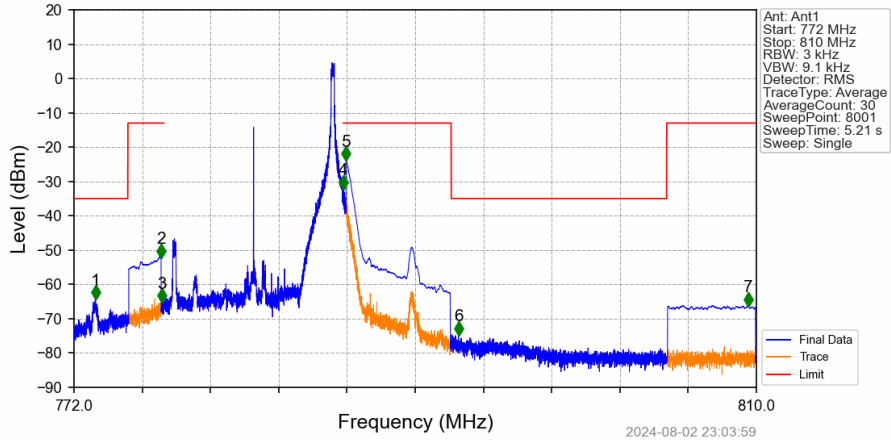
Band13\_10MHz\_16QAM\_LCH\_782MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.604	-66.11	-13	Pass
763	775	0.00625	/	2	774.558	-55.72	-35	Pass
775	776.9	0.1	CHP	3	776.849	-36.50	-13	Pass
776.9	777	0.03	/	4	776.968	-45.84	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.002	-46.38	-13	Pass
787.1	792	0.1	CHP	6	787.155	-37.20	-13	Pass

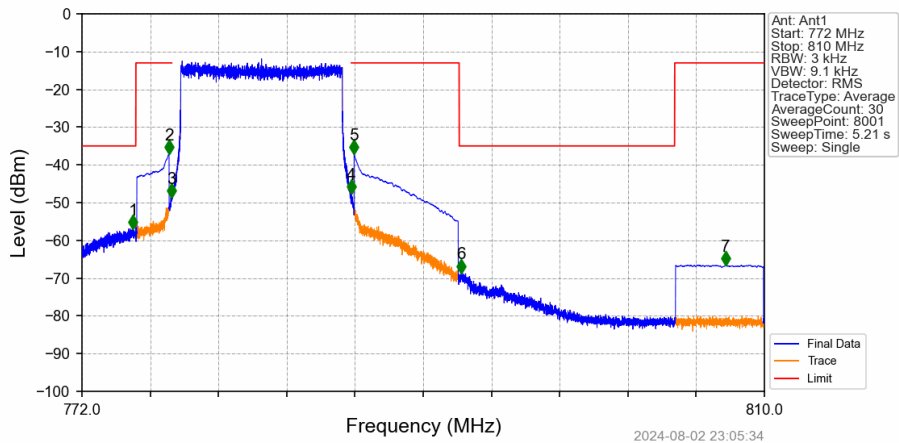


Band13\_10MHz\_16QAM\_HCH\_782MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.197	-64.09	-35	Pass
775	776.9	0.1	CHP	2	776.850	-51.97	-13	Pass
776.9	777	0.03	/	3	776.912	-64.93	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-31.96	-13	Pass
787.1	793	0.1	CHP	5	787.153	-23.55	-13	Pass
793	805	0.00625	/	6	793.408	-74.52	-35	Pass
805	810	0.1	CHP	7	809.539	-66.04	-13	Pass

Band13\_10MHz\_16QAM\_HCH\_782MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.850	-56.76	-35	Pass
775	776.9	0.1	CHP	2	776.850	-36.86	-13	Pass
776.9	777	0.03	/	3	776.968	-48.41	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-47.38	-13	Pass
787.1	793	0.1	CHP	5	787.153	-36.93	-13	Pass
793	805	0.00625	/	6	793.133	-68.38	-35	Pass
805	810	0.1	CHP	7	807.843	-66.42	-13	Pass

## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
13	5	779.5	784.5	0.1455	0.0142	ppm	4M58G7D	27F	21.63
13	5	779.5	784.5	0.1227	0.0160	ppm	4M59W7D	27F	20.89
13	10	782	782	0.1496	0.0115	ppm	9M11G7D	27F	21.75
13	10	782	782	0.1349	0.0123	ppm	9M08W7D	27F	21.30

#### 7.1.2 Form731\_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
13	5	779.5	784.5	0.0622	0.0142	ppm	4M58G7D	27F	17.94
13	5	779.5	784.5	0.0525	0.0160	ppm	4M59W7D	27F	17.20
13	10	782	782	0.0640	0.0115	ppm	9M11G7D	27F	18.06
13	10	782	782	0.0577	0.0123	ppm	9M08W7D	27F	17.61