

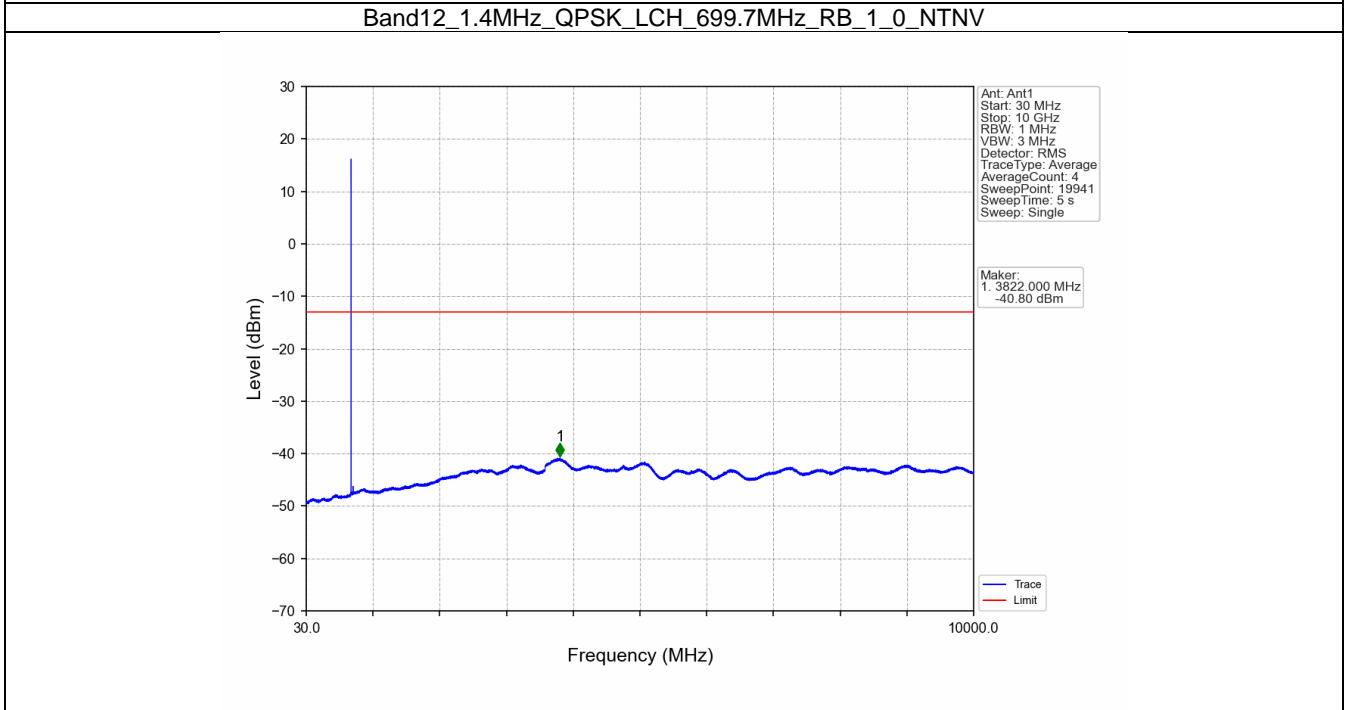
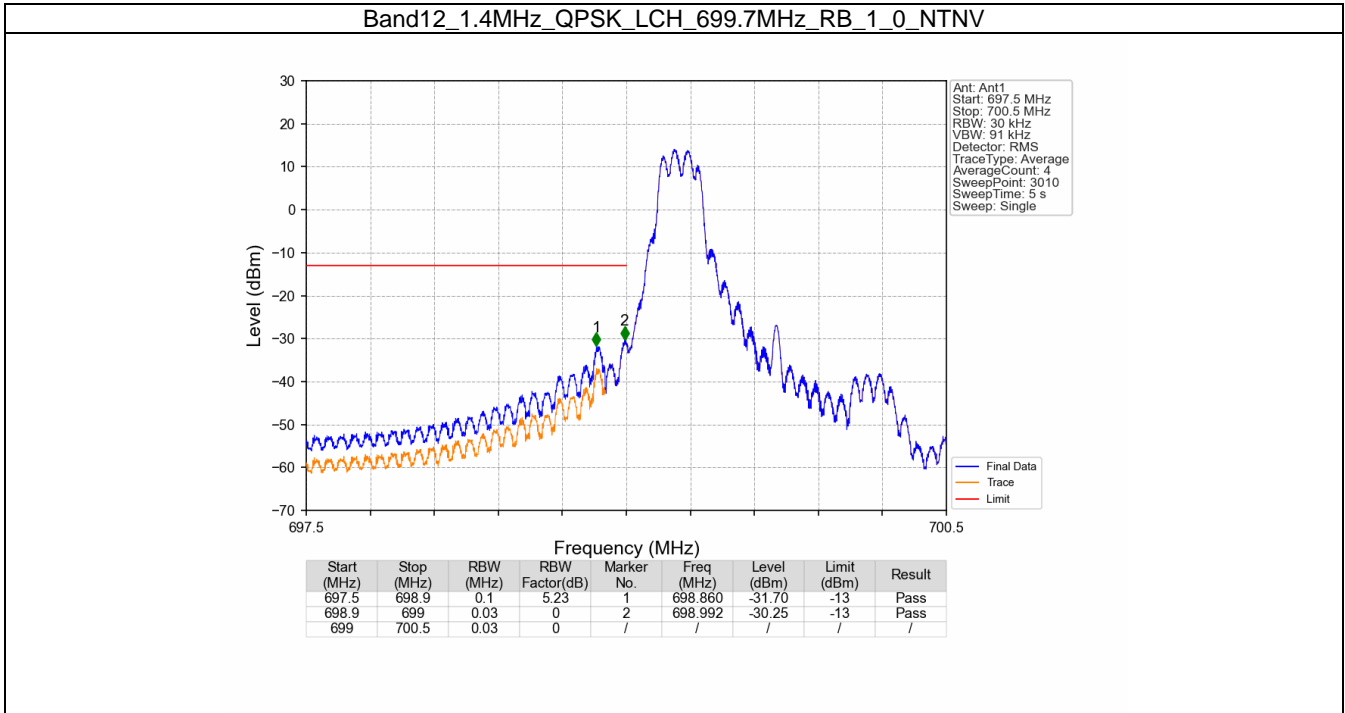
# 1. Spurious Emission

## 1.1 B12\_1.4MHz

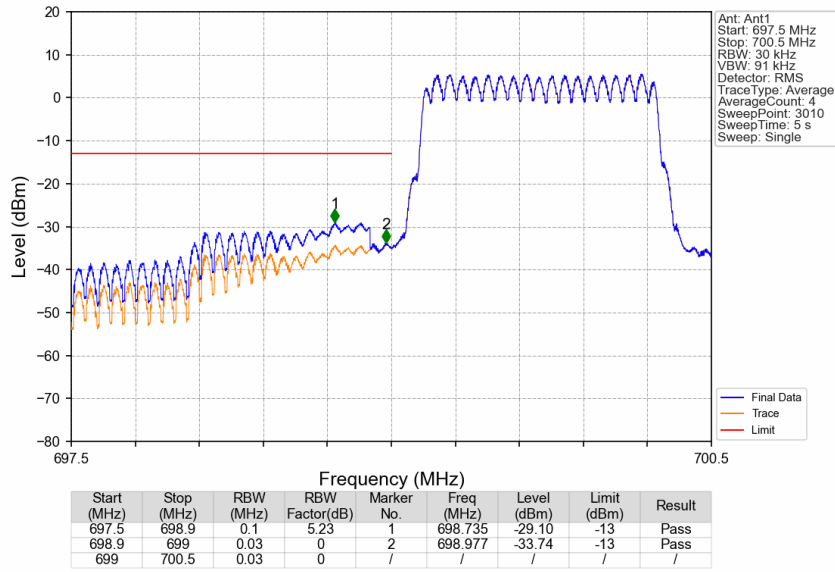
### 1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

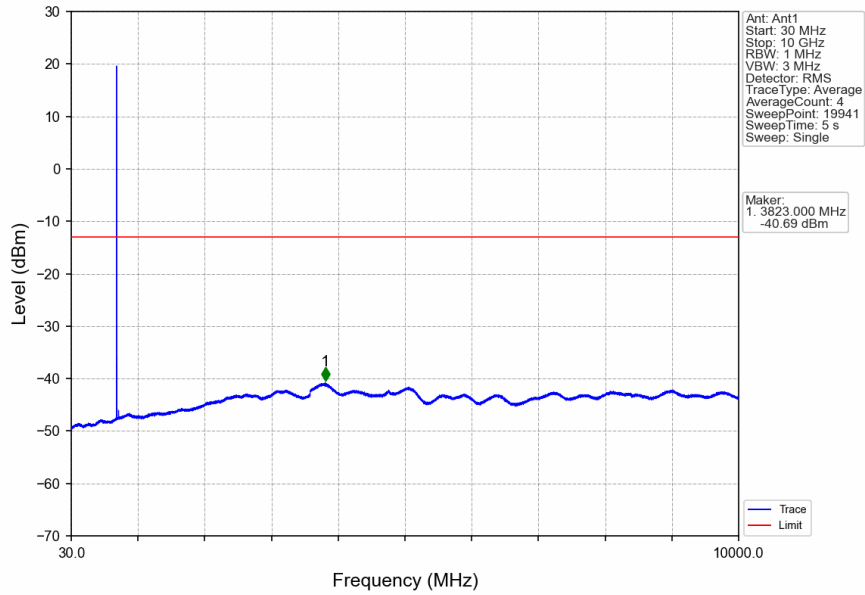
### 1.1.2 Test Graph



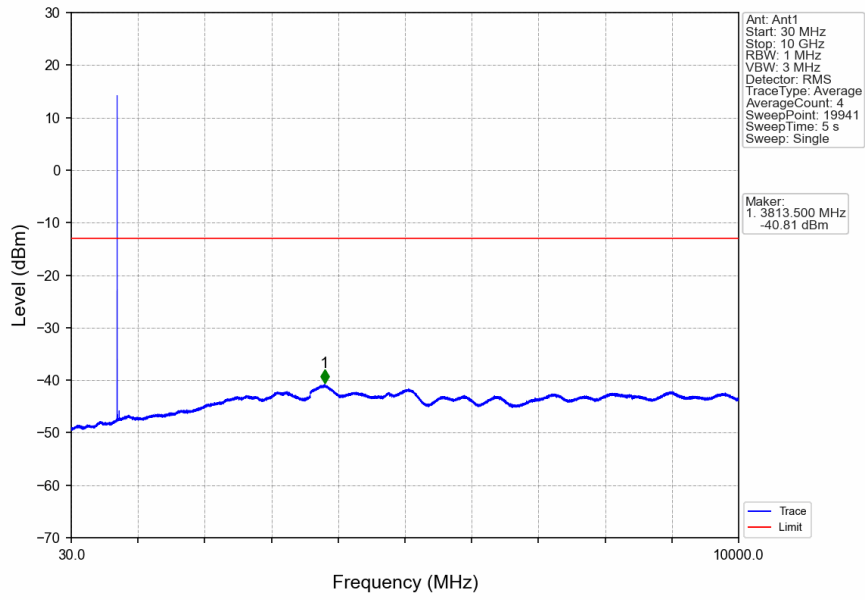
Band12\_1.4MHz\_QPSK\_LCH\_699.7MHz\_RB\_6\_0\_NTNV



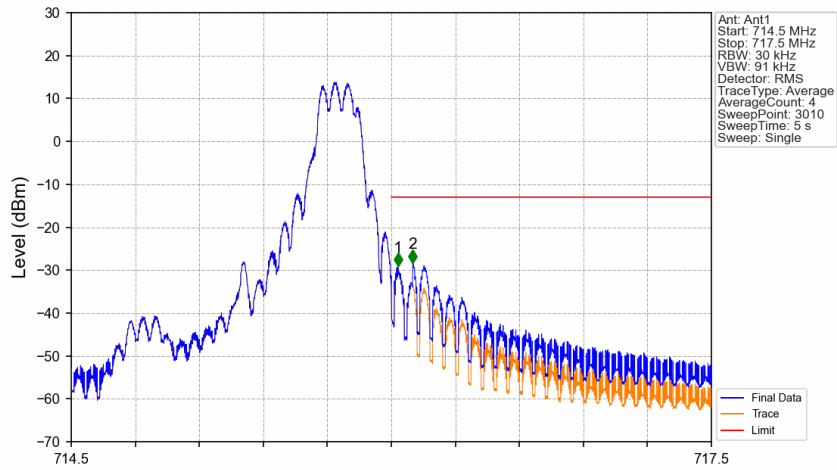
Band12\_1.4MHz\_QPSK\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



Band12\_1.4MHz\_QPSK\_HCH\_715.3MHz\_RB\_1\_0\_NTNV

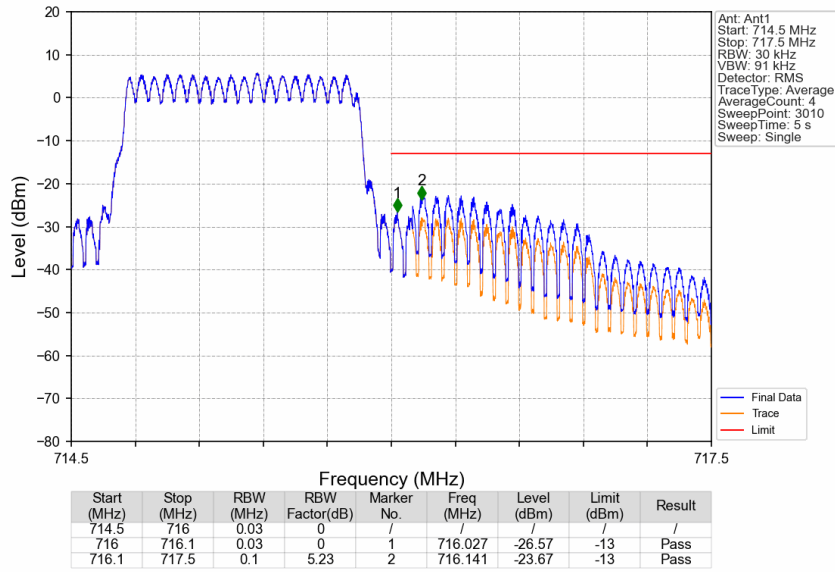


Band12\_1.4MHz\_QPSK\_HCH\_715.3MHz\_RB\_1\_5\_NTNV

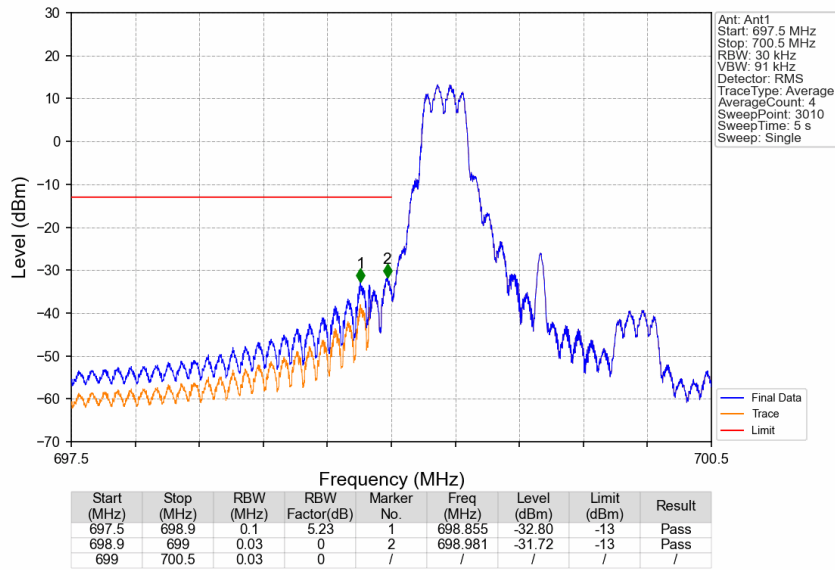


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.031	-29.13	-13	Pass
716.1	717.5	0.1	5.23	2	716.100	-28.29	-13	Pass

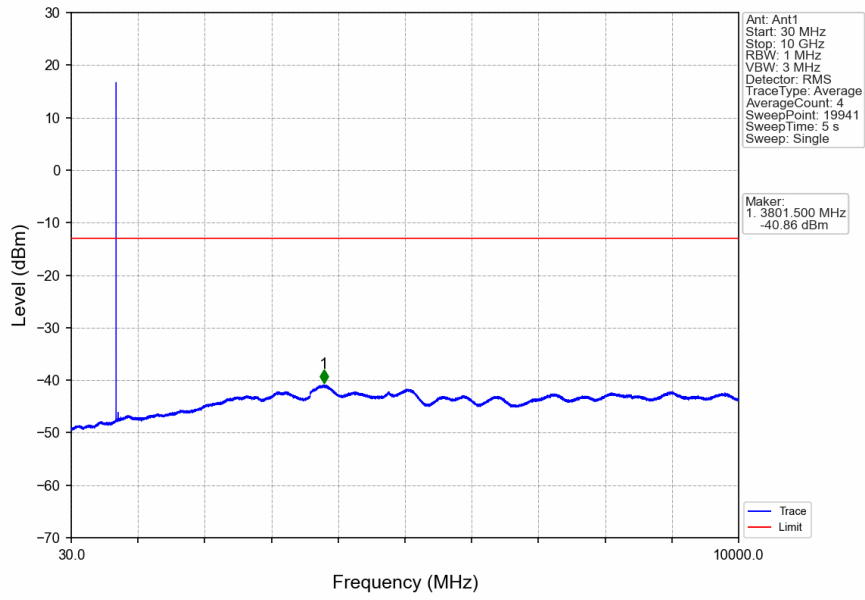
Band12\_1.4MHz\_QPSK\_HCH\_715.3MHz\_RB\_6\_0\_NTNV



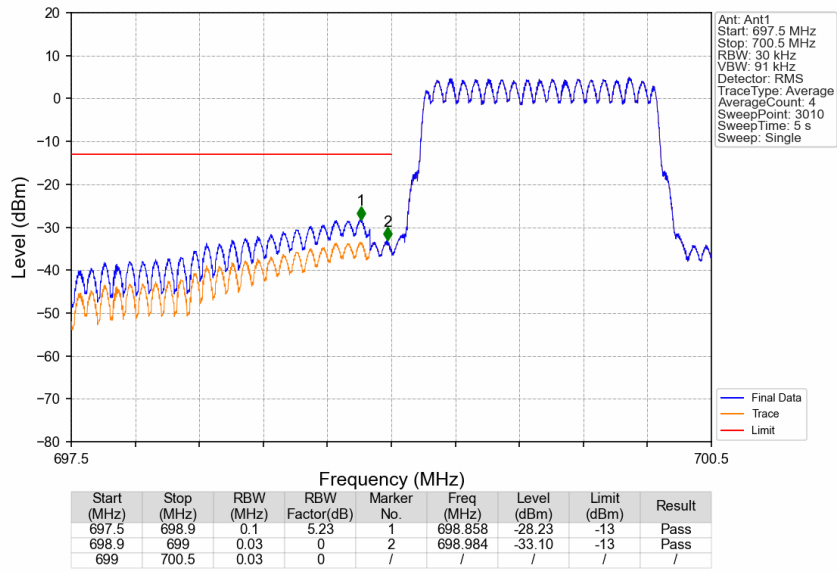
Band12\_1.4MHz\_16QAM\_LCH\_699.7MHz\_RB\_1\_0\_NTNV



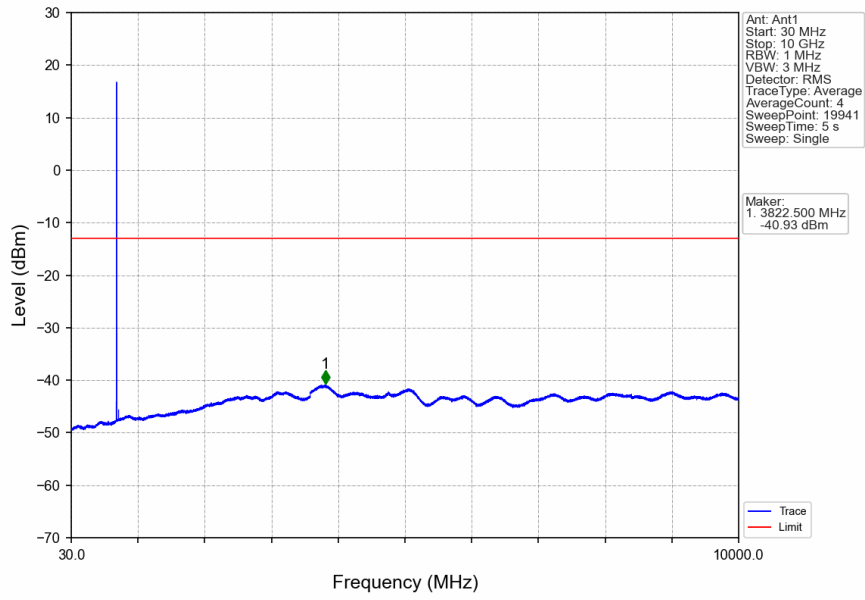
Band12\_1.4MHz\_16QAM\_LCH\_699.7MHz\_RB\_1\_0\_NTNV



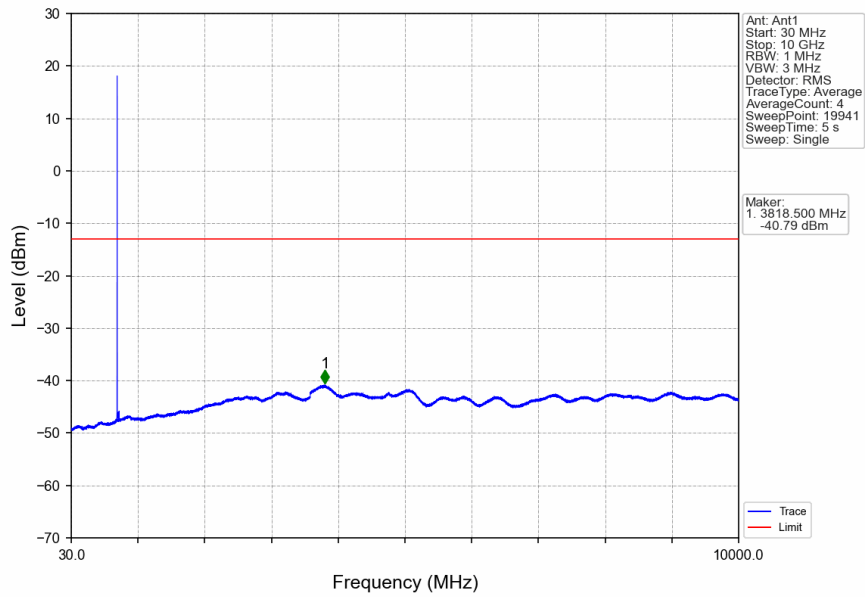
Band12\_1.4MHz\_16QAM\_LCH\_699.7MHz\_RB\_6\_0\_NTNV



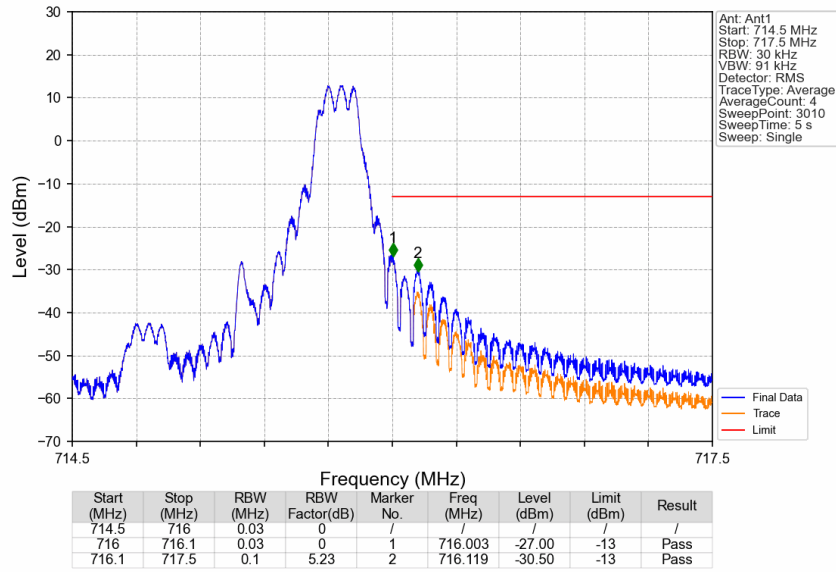
Band12\_1.4MHz\_16QAM\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



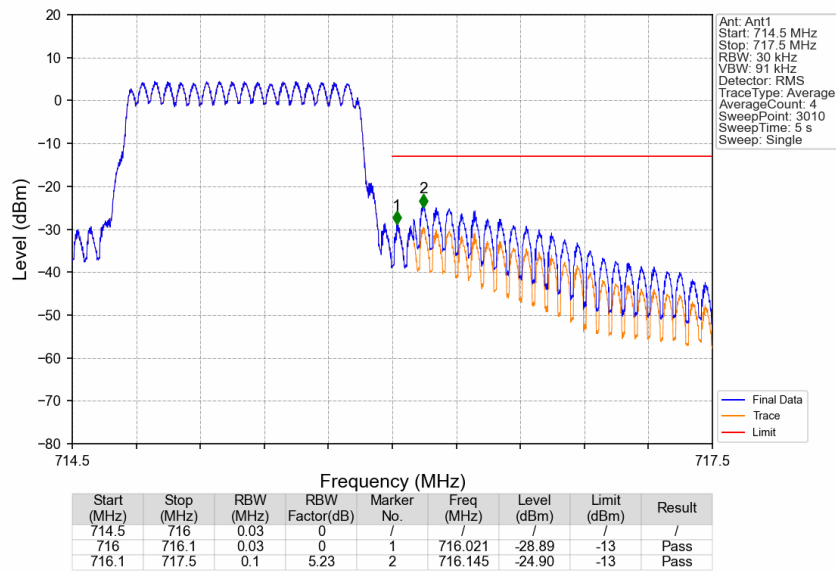
Band12\_1.4MHz\_16QAM\_HCH\_715.3MHz\_RB\_1\_0\_NTNV



Band12\_1.4MHz\_16QAM\_HCH\_715.3MHz\_RB\_1\_5\_NTNV



Band12\_1.4MHz\_16QAM\_HCH\_715.3MHz\_RB\_6\_0\_NTNV



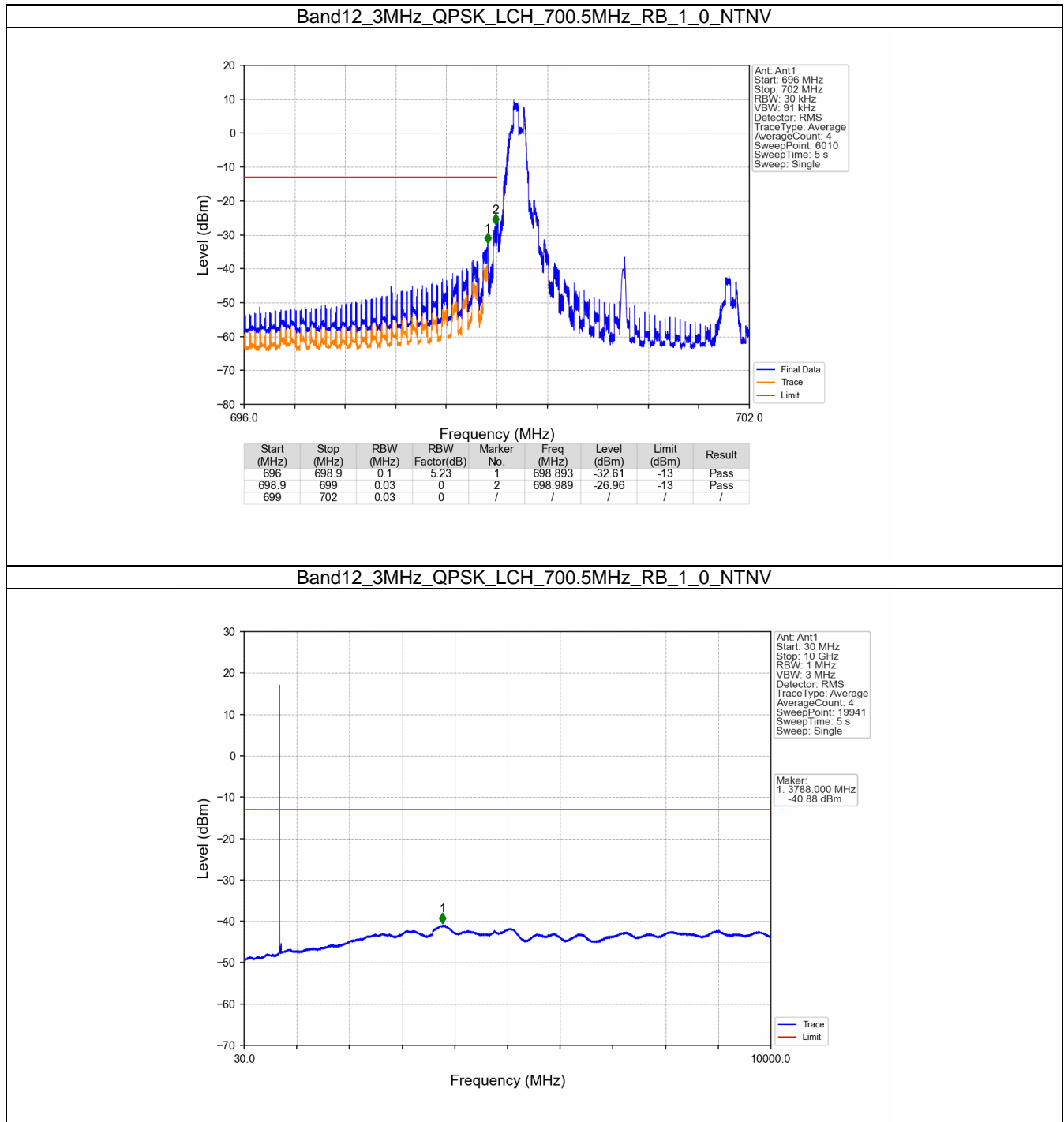


## 1.2 B12\_3MHz

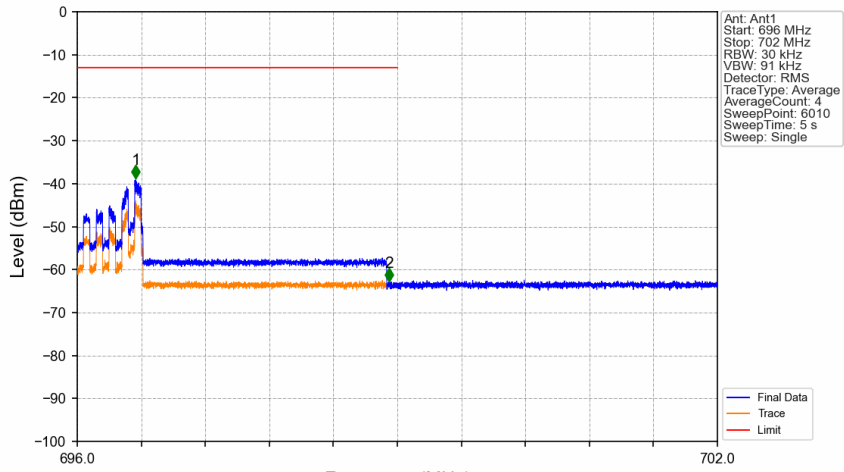
### 1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	714.5		1	14	Refer To Test Graph	
		15	0	Refer To Test Graph		Pass
16QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	714.5		1	14	Refer To Test Graph	
		15	0	Refer To Test Graph		Pass

### 1.2.2 Test Graph

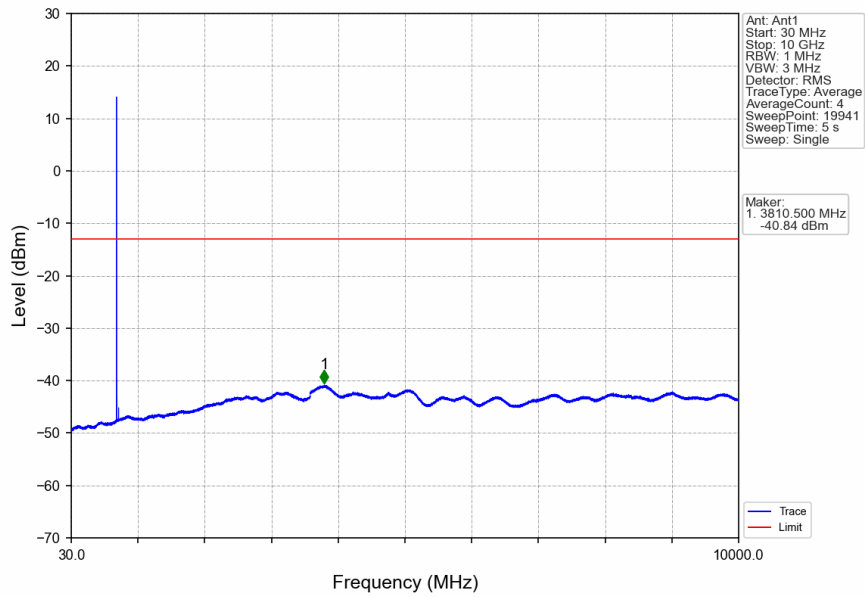


Band12\_3MHz\_QPSK\_LCH\_700.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	5.23	1	696.549	-38.78	-13	Pass
698.9	699	0.03	0	2	698.924	-62.82	-13	Pass
699	702	0.03	0	/	/	/	/	/

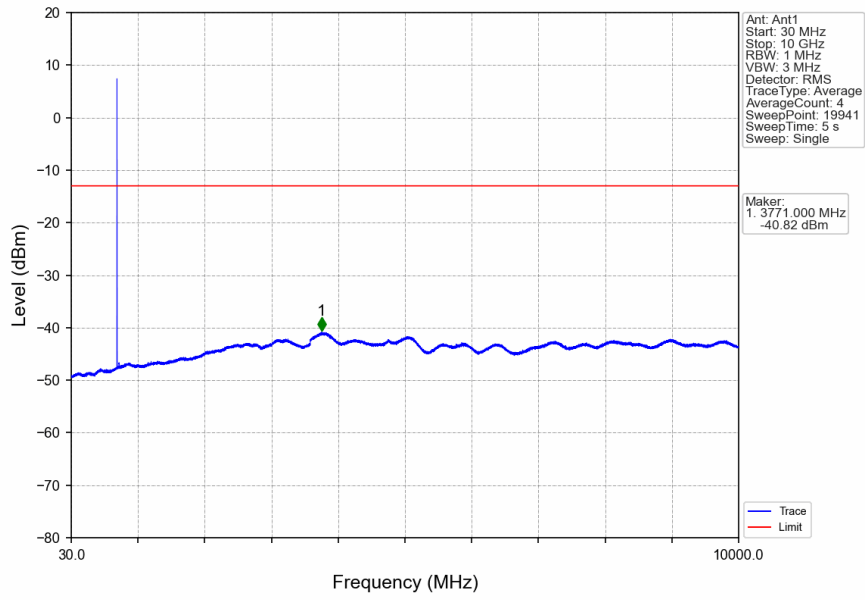
Band12\_3MHz\_QPSK\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



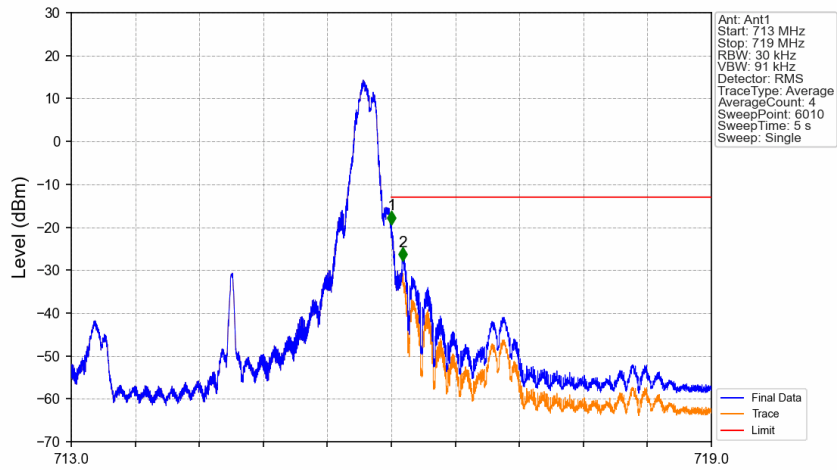
Ant: Ant1  
 Start: 30 MHz  
 Stop: 10 GHz  
 RBW: 1 MHz  
 VBW: 3 MHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 4  
 Sweep Point: 19941  
 Sweep Time: 5 s  
 Sweep: Single

Marker:  
 1: 3810.500 MHz  
 -40.84 dBm

Band12\_3MHz\_QPSK\_HCH\_714.5MHz\_RB\_1\_0\_NTNV

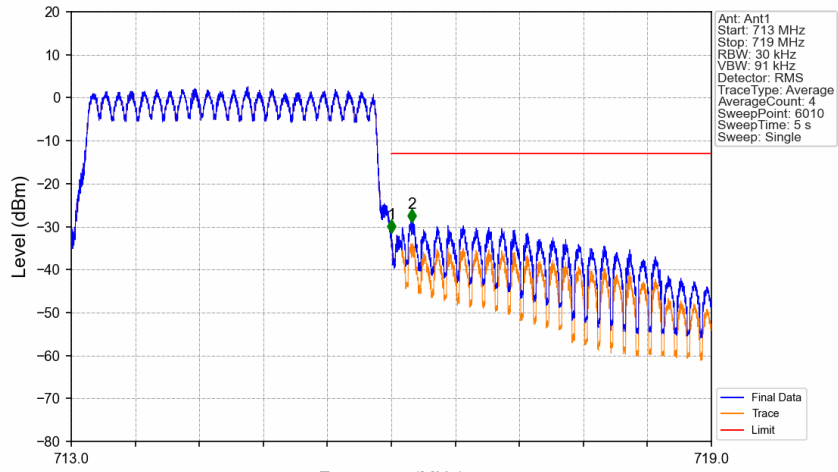


Band12\_3MHz\_QPSK\_HCH\_714.5MHz\_RB\_1\_14\_NTNV



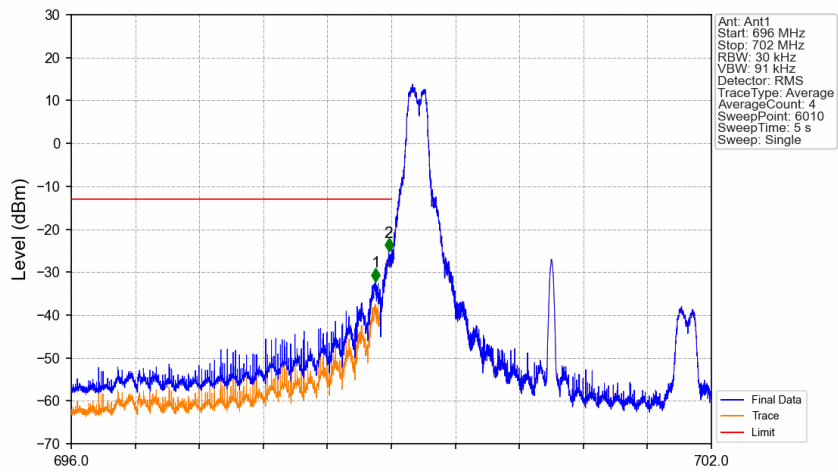
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.002	-19.30	-13	Pass
716.1	719	0.1	5.23	2	716.109	-27.80	-13	Pass

Band12\_3MHz\_QPSK\_HCH\_714.5MHz\_RB\_15\_0\_NTNV



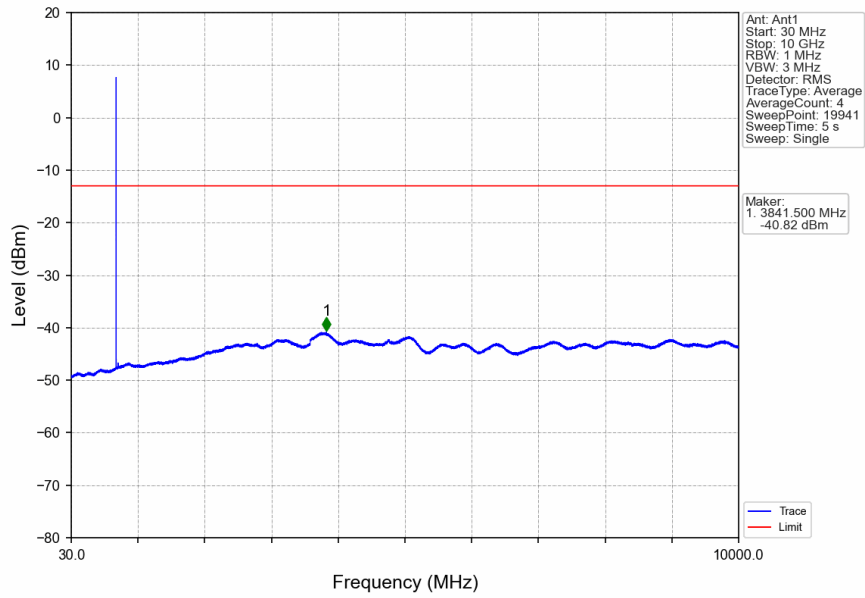
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.000	-31.50	-13	Pass
716.1	719	0.1	5.23	2	716.192	-29.00	-13	Pass

Band12\_3MHz\_16QAM\_LCH\_700.5MHz\_RB\_1\_0\_NTNV

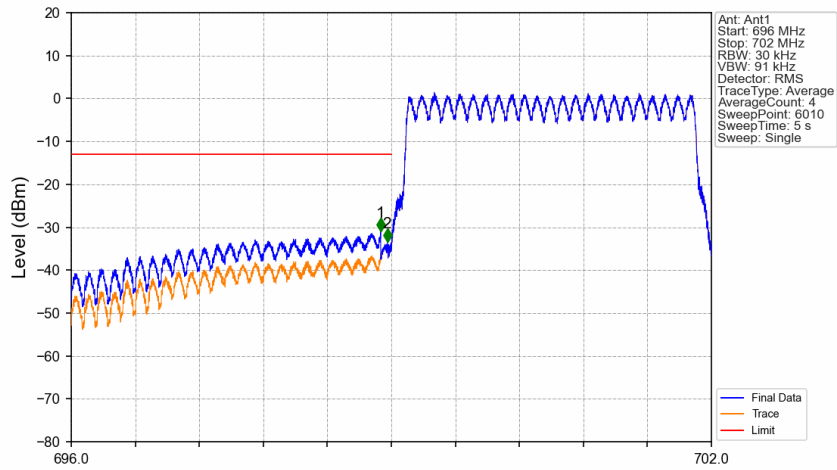


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	5.23	1	698.852	-32.19	-13	Pass
698.9	699	0.03	0	2	698.976	-25.18	-13	Pass
699	702	0.03	0	/	/	/	/	/

Band12\_3MHz\_16QAM\_LCH\_700.5MHz\_RB\_1\_0\_NTNV

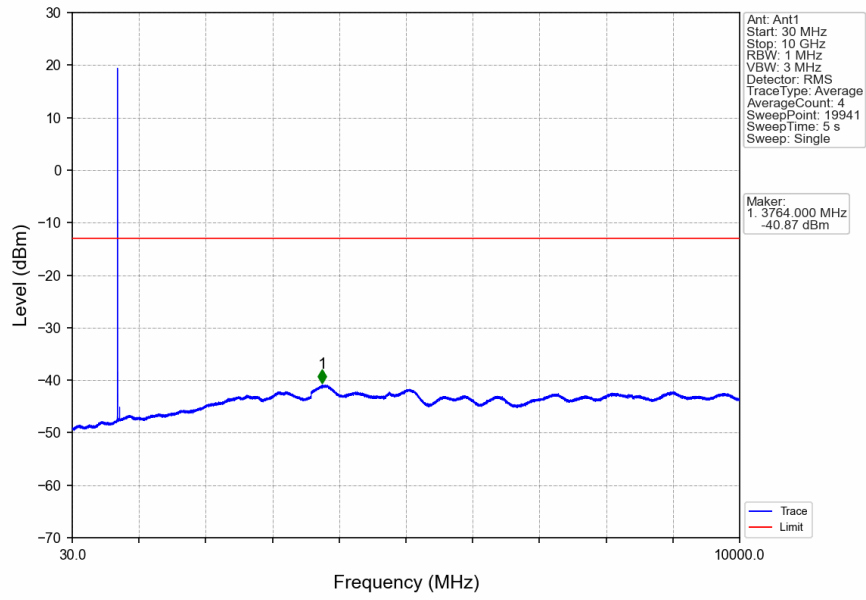


Band12\_3MHz\_16QAM\_LCH\_700.5MHz\_RB\_15\_0\_NTNV

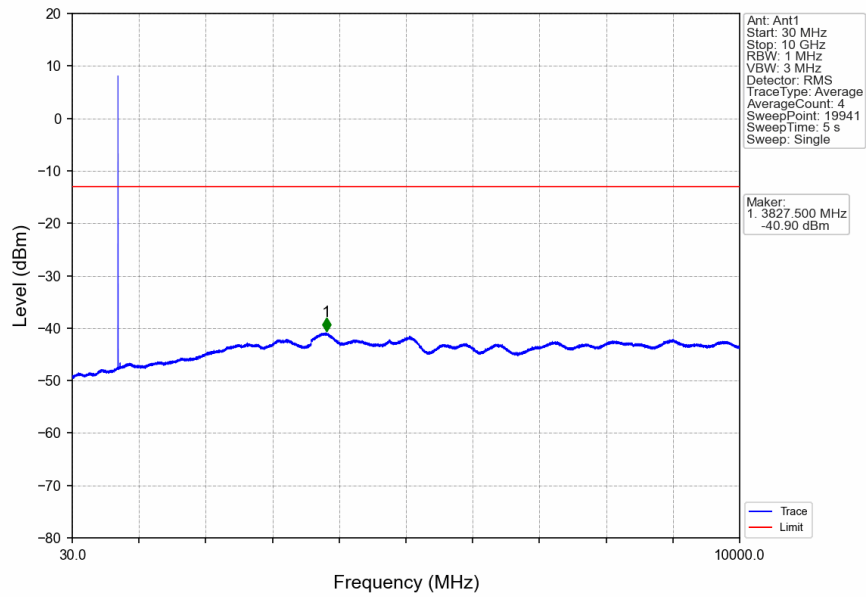


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	5.23	1	698.900	-30.96	-13	Pass
698.9	699	0.03	0	2	698.962	-33.52	-13	Pass
699	702	0.03	0	/	/	/	/	/

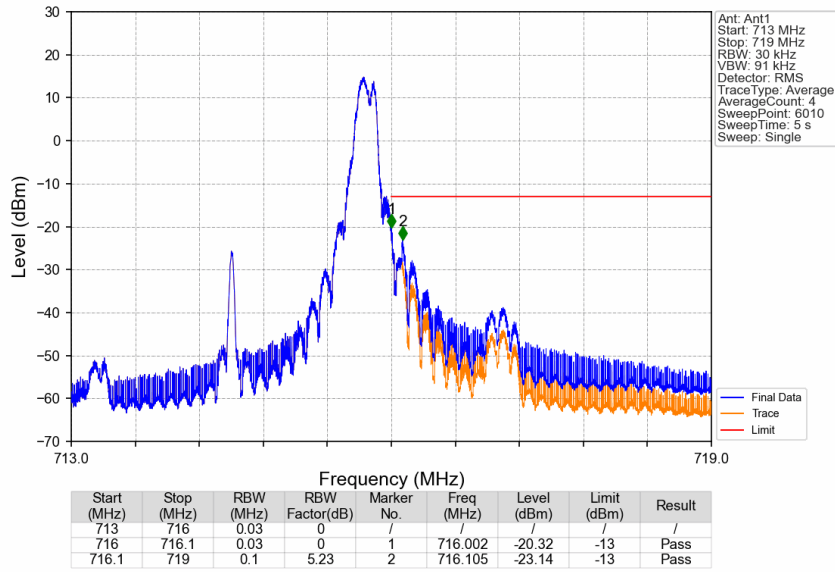
Band12\_3MHz\_16QAM\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



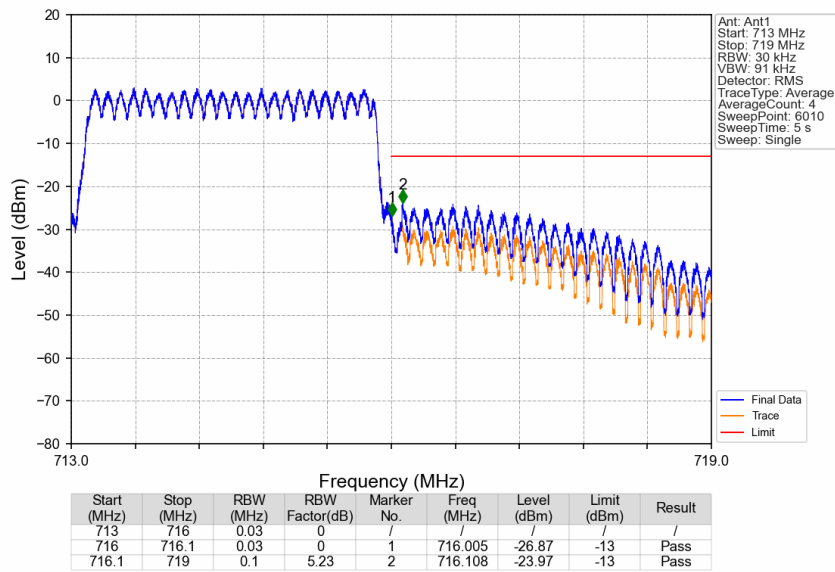
Band12\_3MHz\_16QAM\_HCH\_714.5MHz\_RB\_1\_0\_NTNV



Band12\_3MHz\_16QAM\_HCH\_714.5MHz\_RB\_1\_14\_NTVN



Band12\_3MHz\_16QAM\_HCH\_714.5MHz\_RB\_15\_0\_NTVN



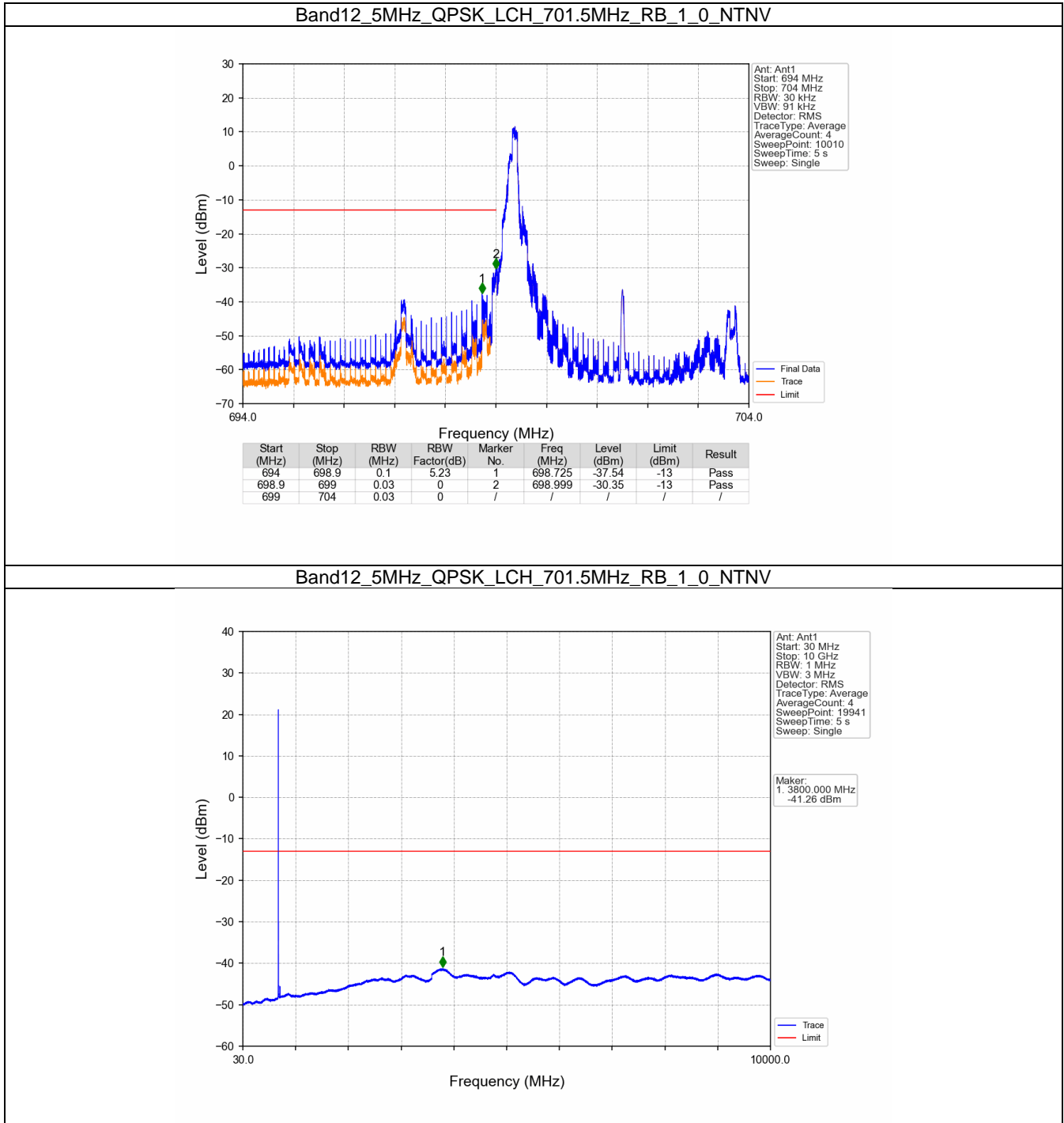


### 1.3 B12\_5MHz

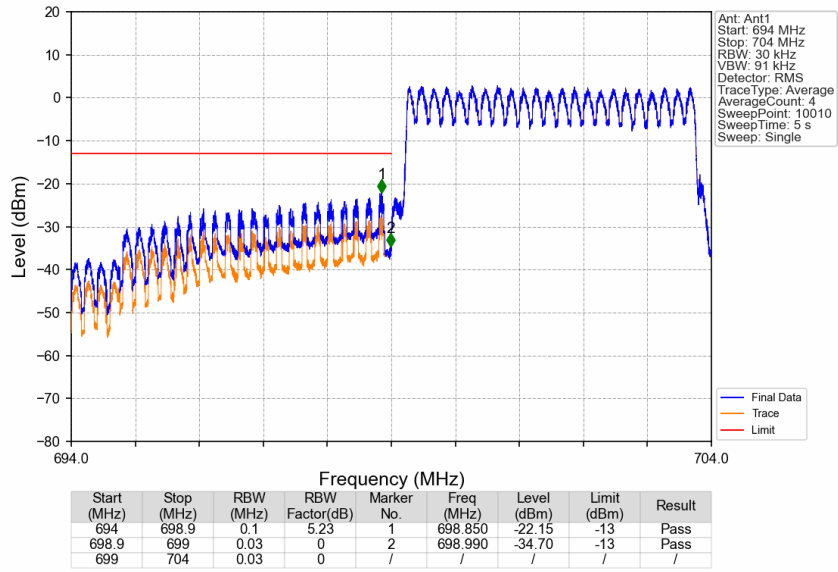
#### 1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		713.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	
16QAM	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		713.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	

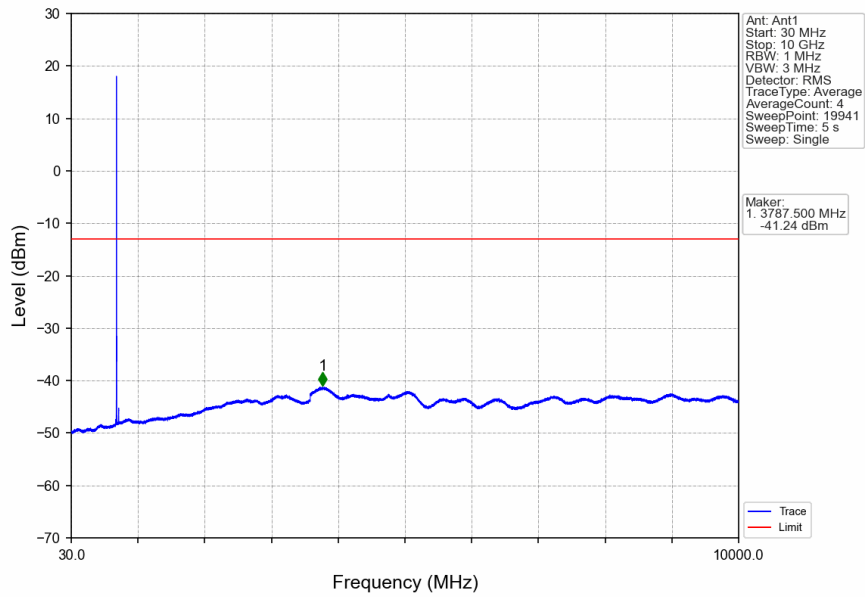
### 1.3.2 Test Graph



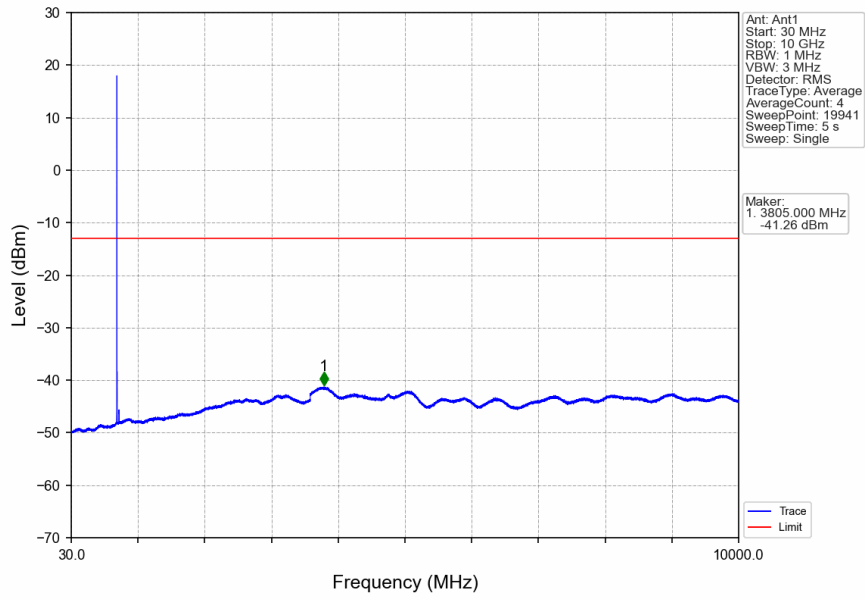
Band12\_5MHz\_QPSK\_LCH\_701.5MHz\_RB\_25\_0\_NTNV



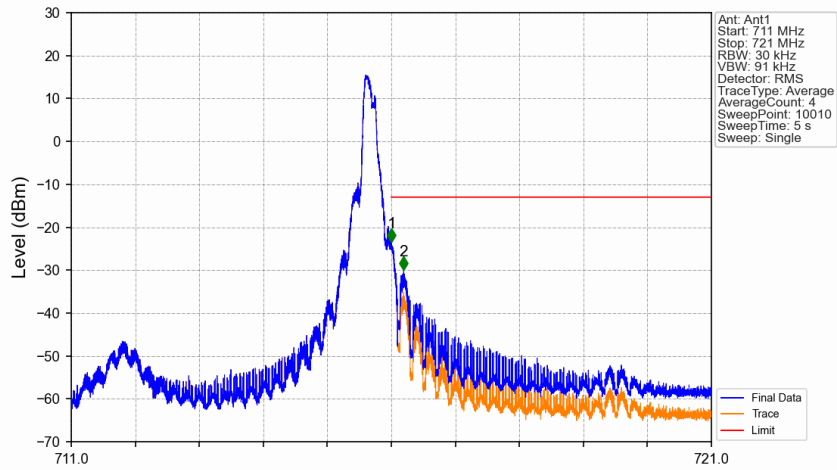
Band12\_5MHz\_QPSK\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



Band12\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_0\_NTNV

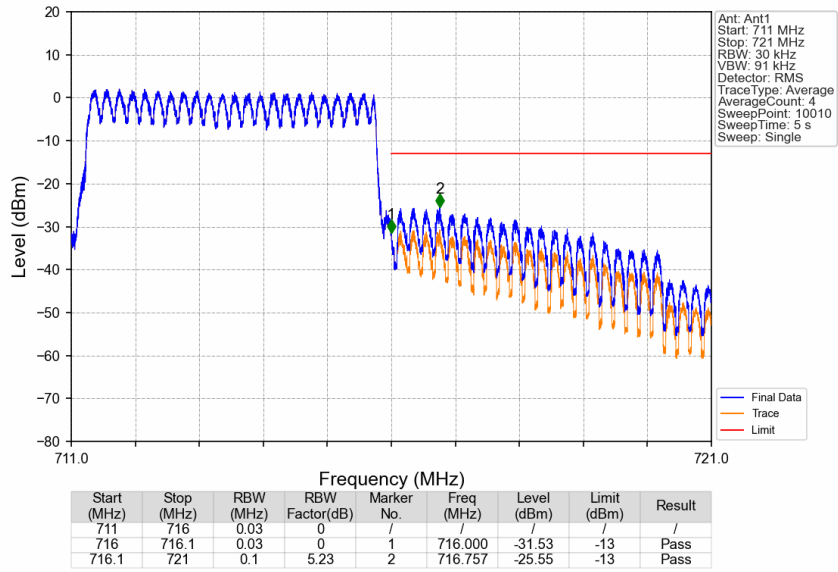


Band12\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_24\_NTNV

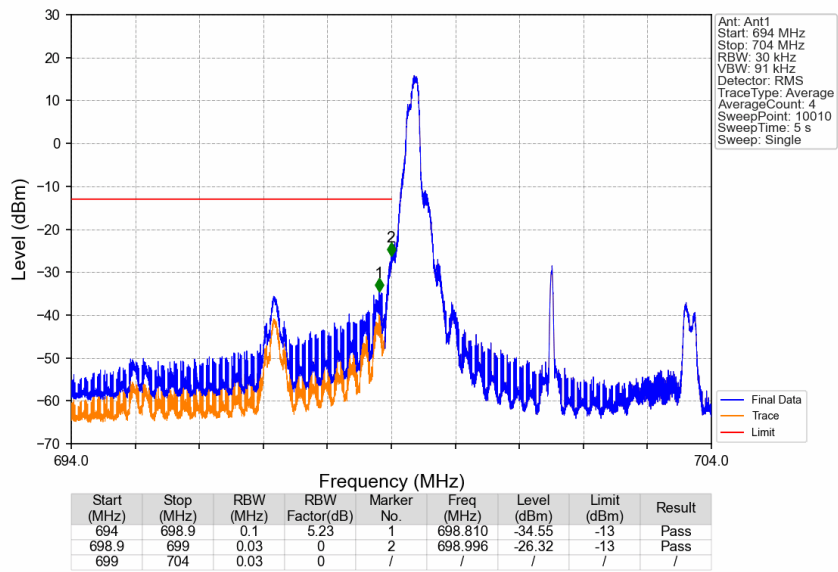


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.001	-23.49	-13	Pass
716.1	721	0.1	5.23	2	716.193	-29.98	-13	Pass

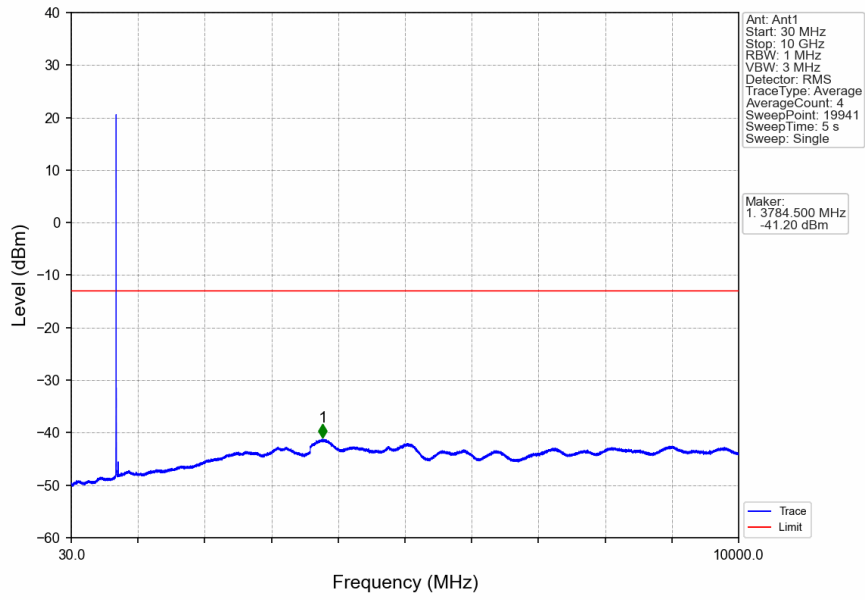
Band12\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



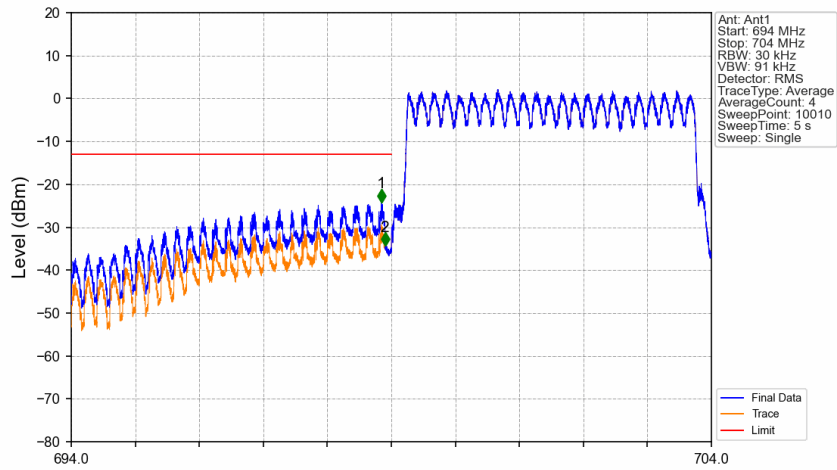
Band12\_5MHz\_16QAM\_LCH\_701.5MHz\_RB\_1\_0\_NTNV



Band12\_5MHz\_16QAM\_LCH\_701.5MHz\_RB\_1\_0\_NTNV

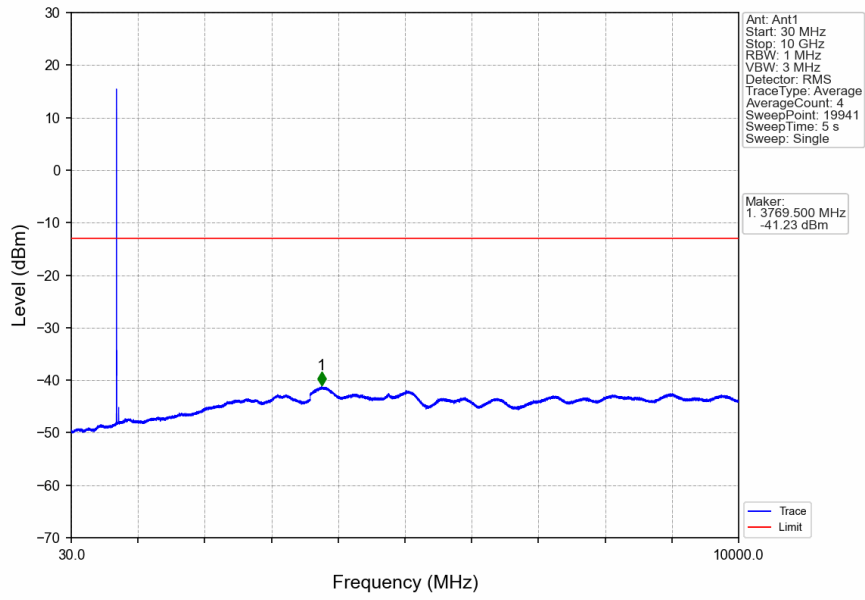


Band12\_5MHz\_16QAM\_LCH\_701.5MHz\_RB\_25\_0\_NTNV

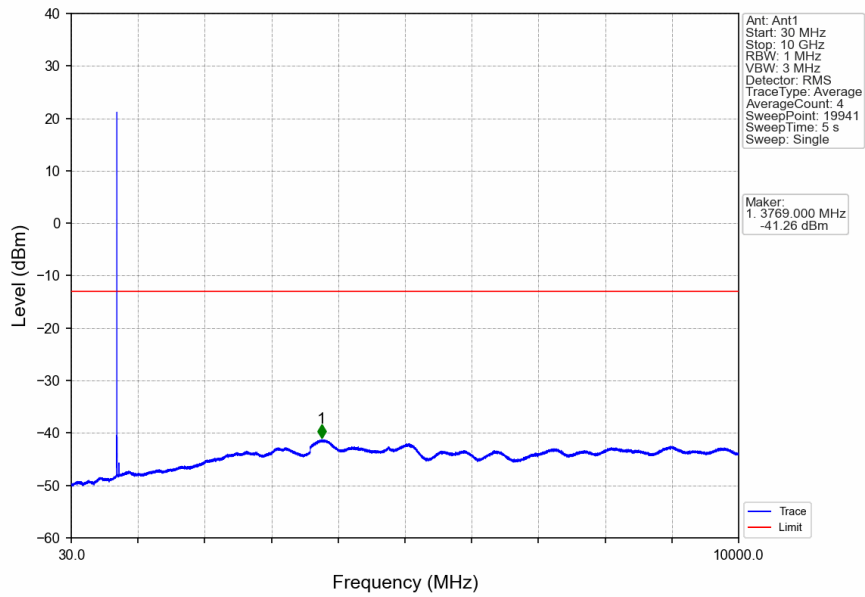


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	5.23	1	698.844	-24.20	-13	Pass
698.9	699	0.03	0	2	698.901	-34.28	-13	Pass
699	704	0.03	0	/	/	/	/	/

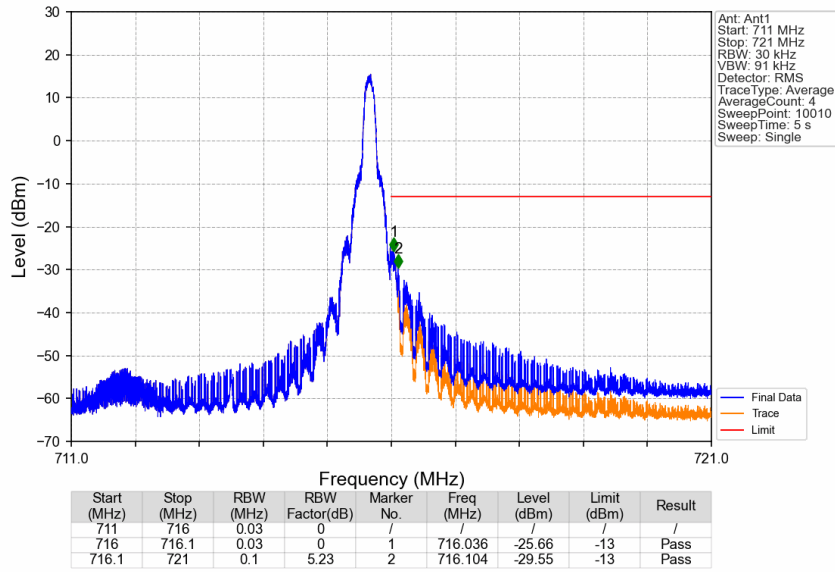
Band12\_5MHz\_16QAM\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



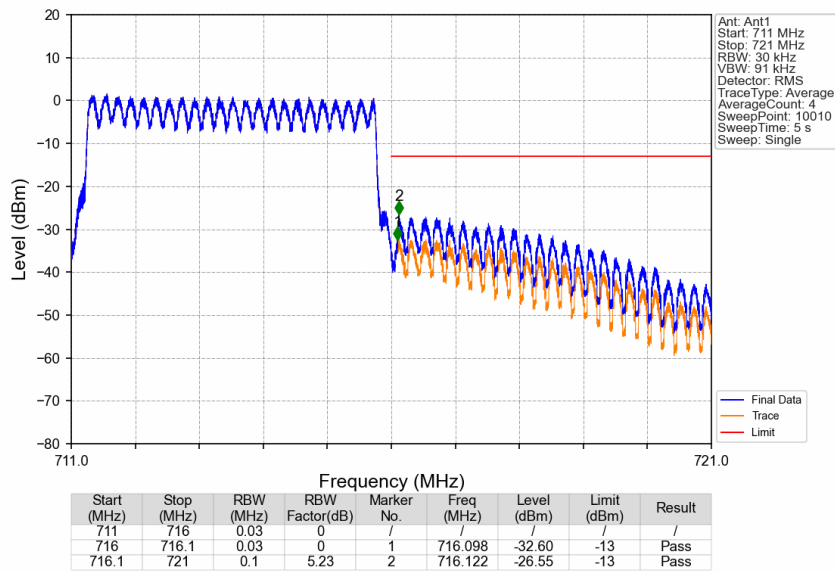
Band12\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



Band12\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_24\_NTVN



Band12\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTVN



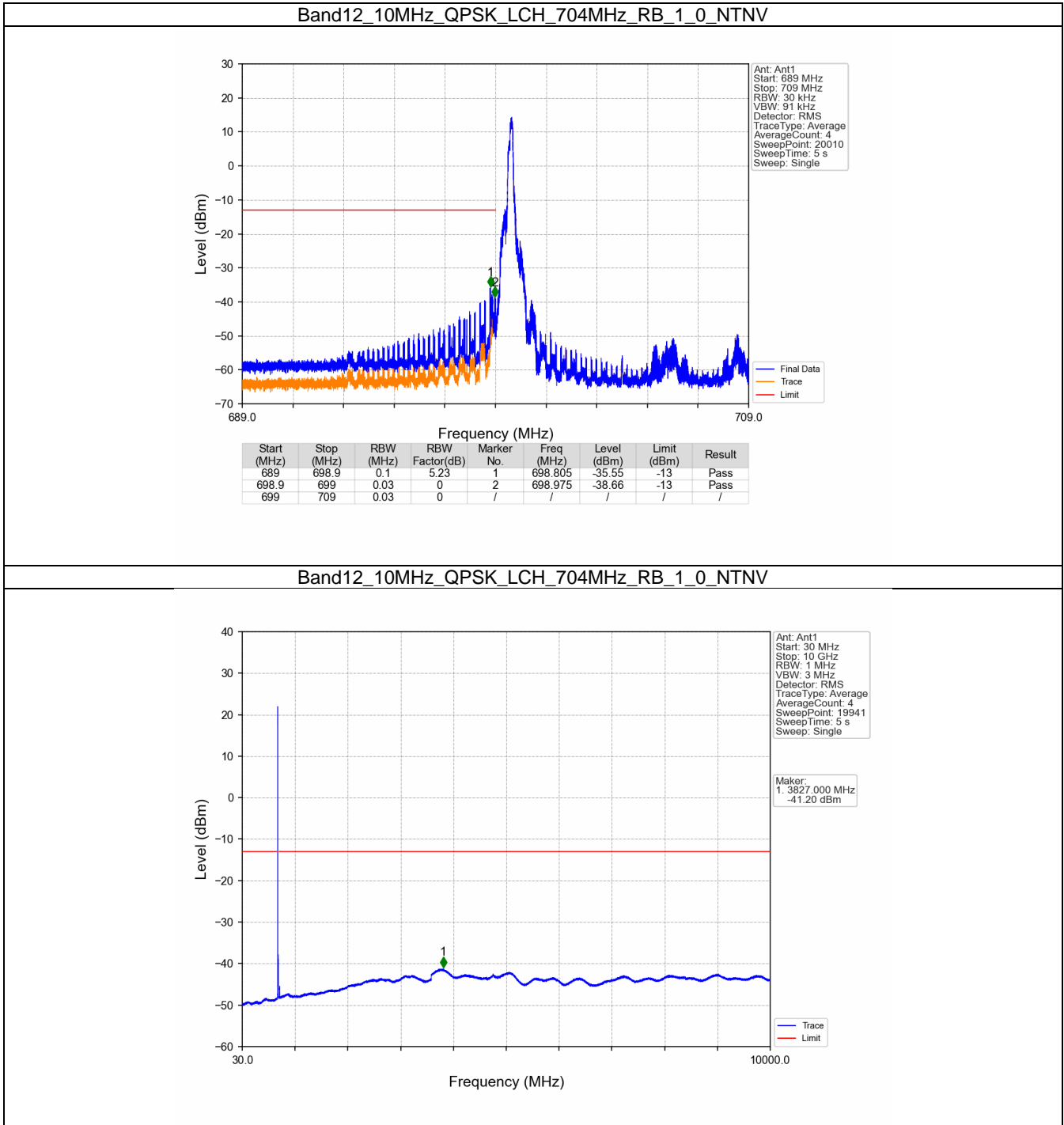


## 1.4 B12\_10MHz

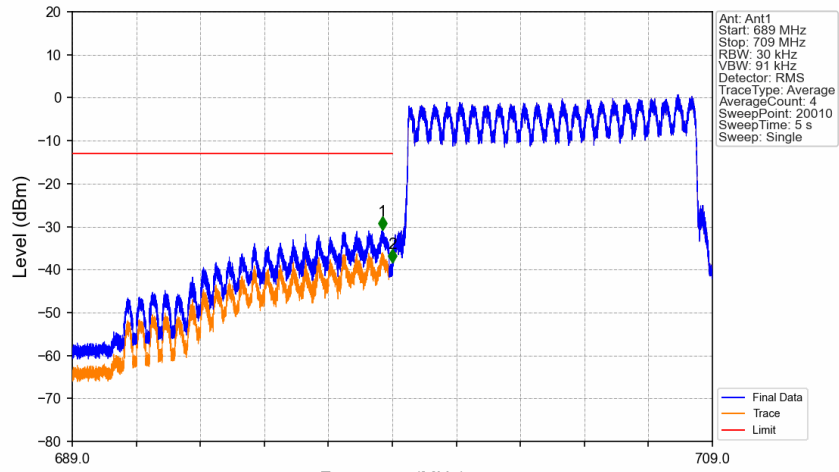
### 1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

### 1.4.2 Test Graph

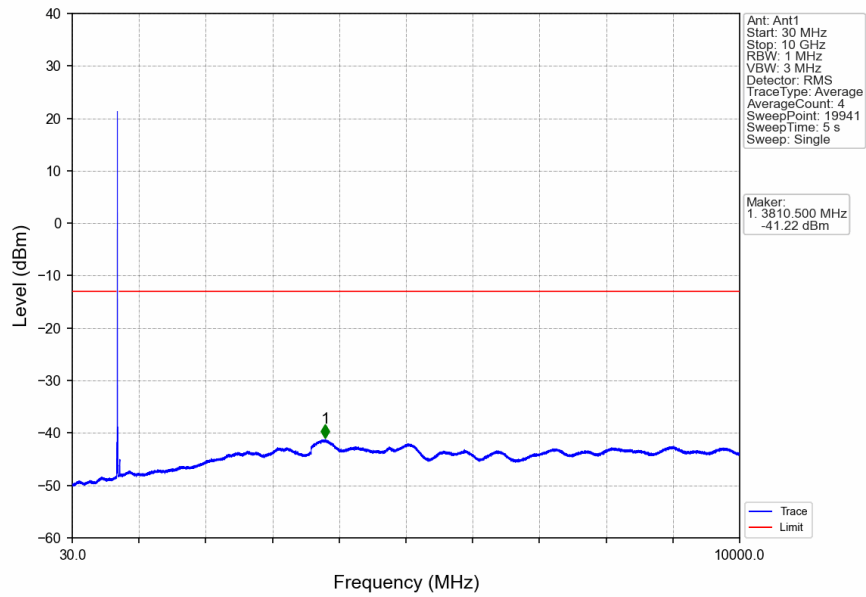


Band12\_10MHz\_QPSK\_LCH\_704MHz\_RB\_50\_0\_NTNV

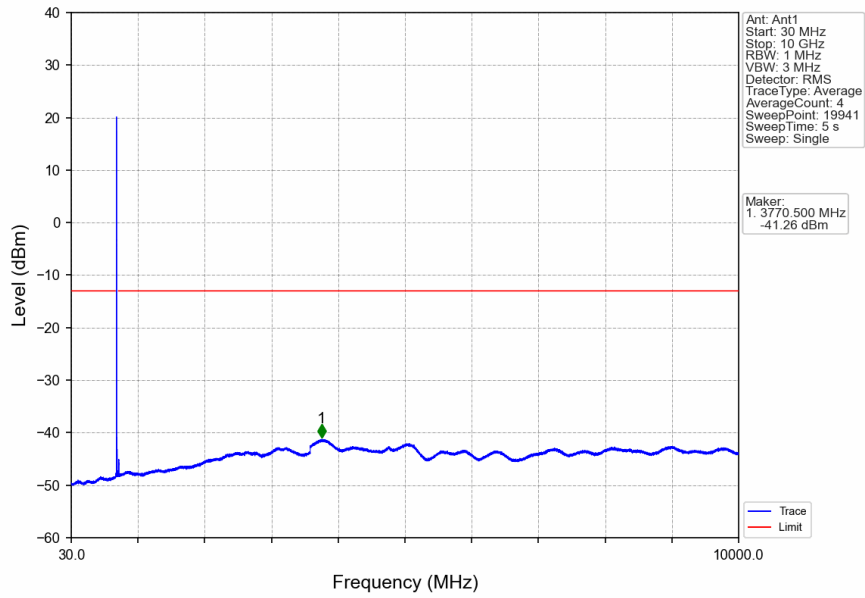


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	5.23	1	698.691	-30.83	-13	Pass
698.9	699	0.03	0	2	698.996	-38.40	-13	Pass
699	709	0.03	0	7	/	/	/	/

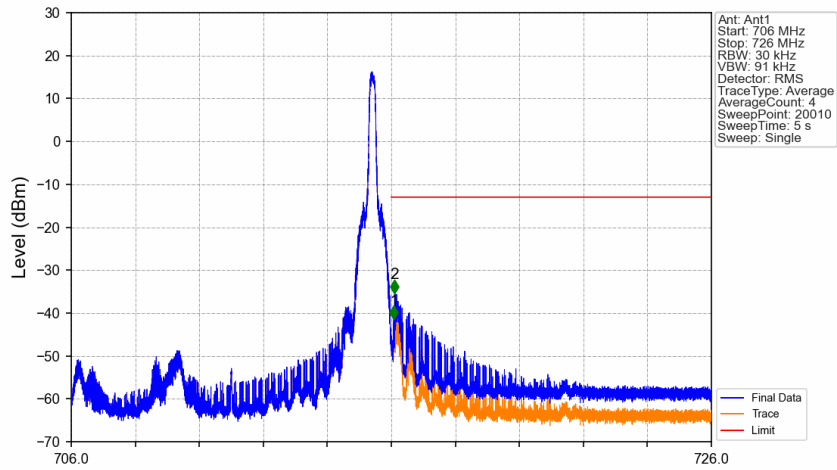
Band12\_10MHz\_QPSK\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



Band12\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_0\_NTNV

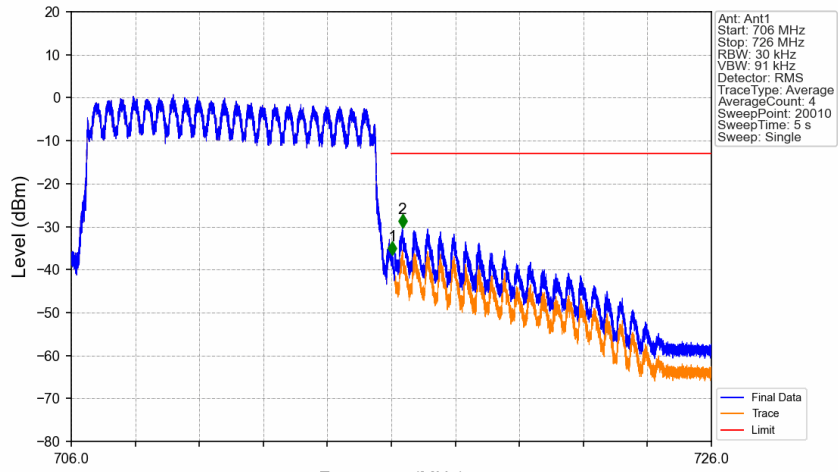


Band12\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_49\_NTNV



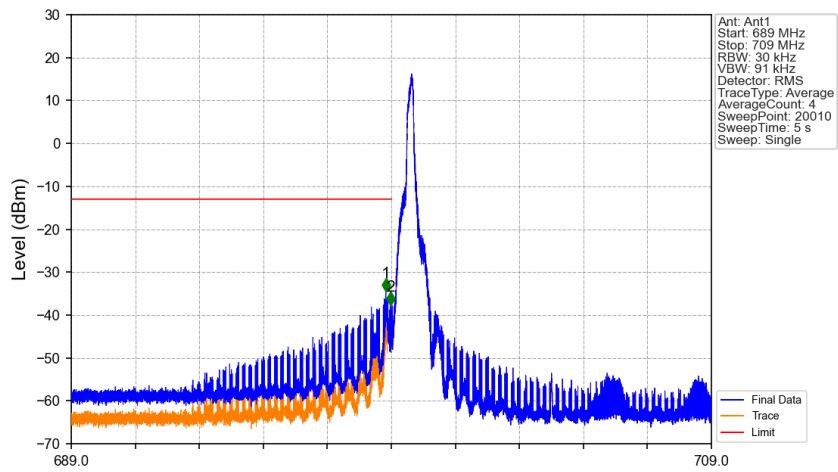
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.075	-41.41	-13	Pass
716.1	726	0.1	5.23	2	716.103	-35.37	-13	Pass

Band12\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



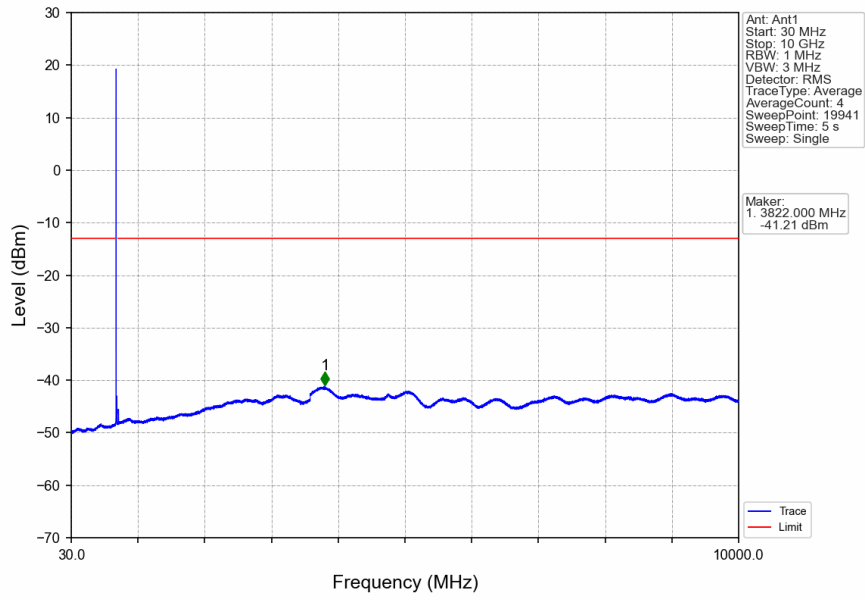
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.031	-36.66	-13	Pass
716.1	726	0.1	5.23	2	716.344	-30.30	-13	Pass

Band12\_10MHz\_16QAM\_LCH\_704MHz\_RB\_1\_0\_NTNV

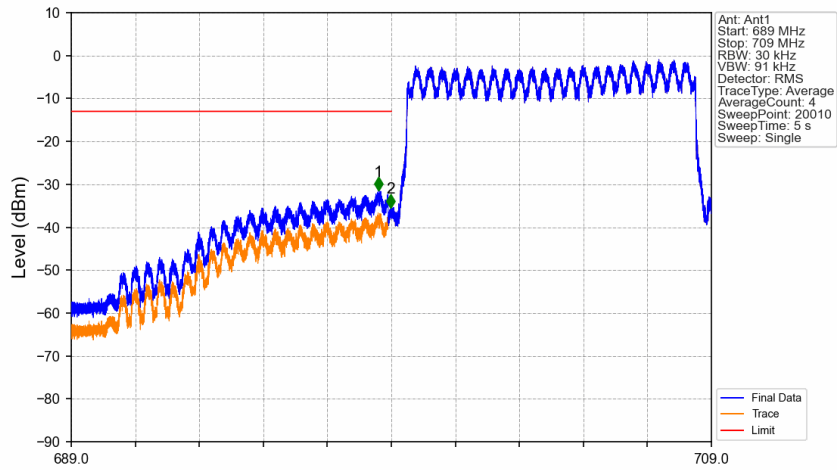


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	5.23	1	698.829	-34.62	-13	Pass
698.9	699	0.03	0	2	698.976	-37.78	-13	Pass
699	709	0.03	0	/	/	/	/	/

Band12\_10MHz\_16QAM\_LCH\_704MHz\_RB\_1\_0\_NTNV

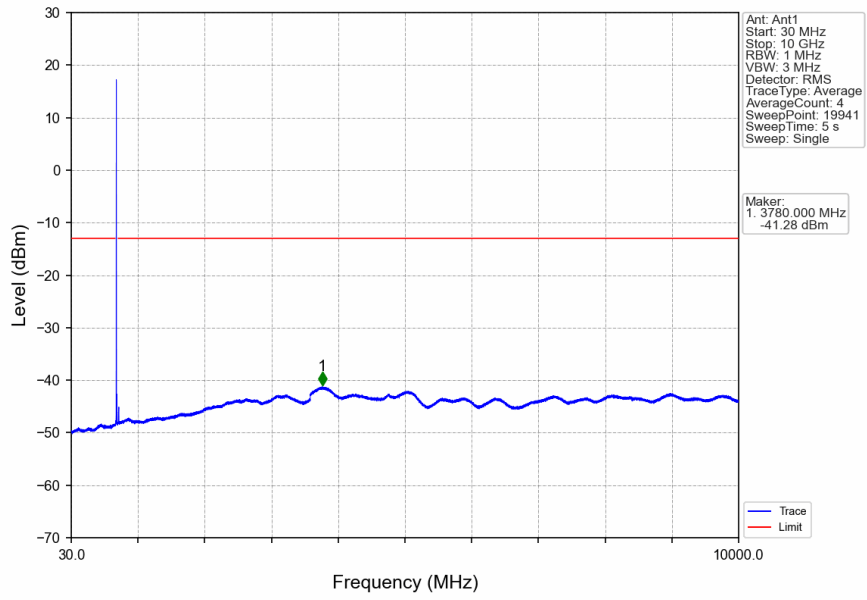


Band12\_10MHz\_16QAM\_LCH\_704MHz\_RB\_50\_0\_NTNV

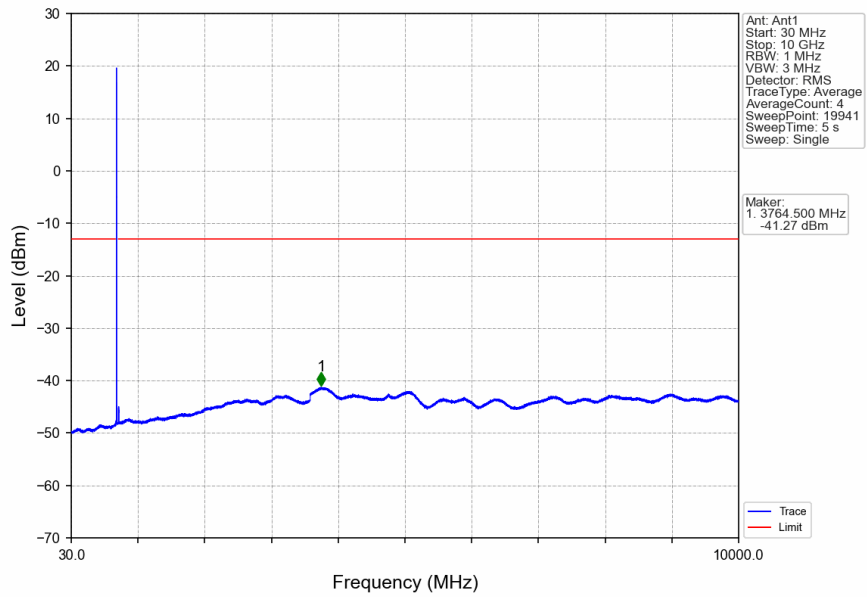


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	5.23	1	698.588	-31.45	-13	Pass
698.9	699	0.03	0	2	698.987	-35.41	-13	Pass
699	709	0.03	0	/	/	/	/	/

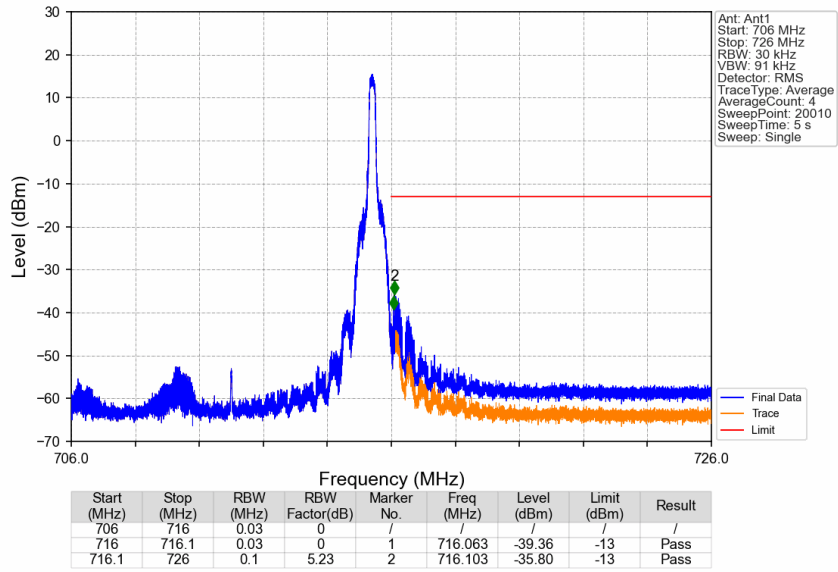
Band12\_10MHz\_16QAM\_MCH\_707.5MHz\_RB\_1\_0\_NTNV



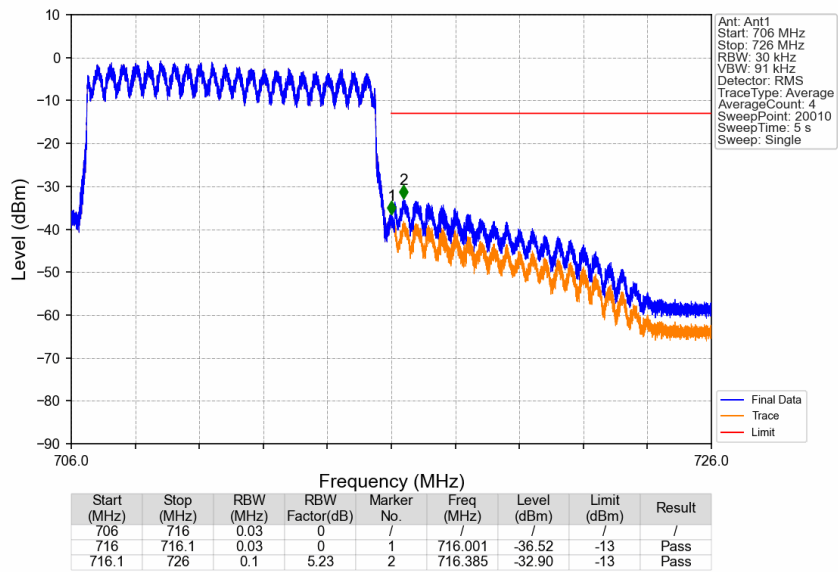
Band12\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_0\_NTNV



Band12\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_49\_NTNV



Band12\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV





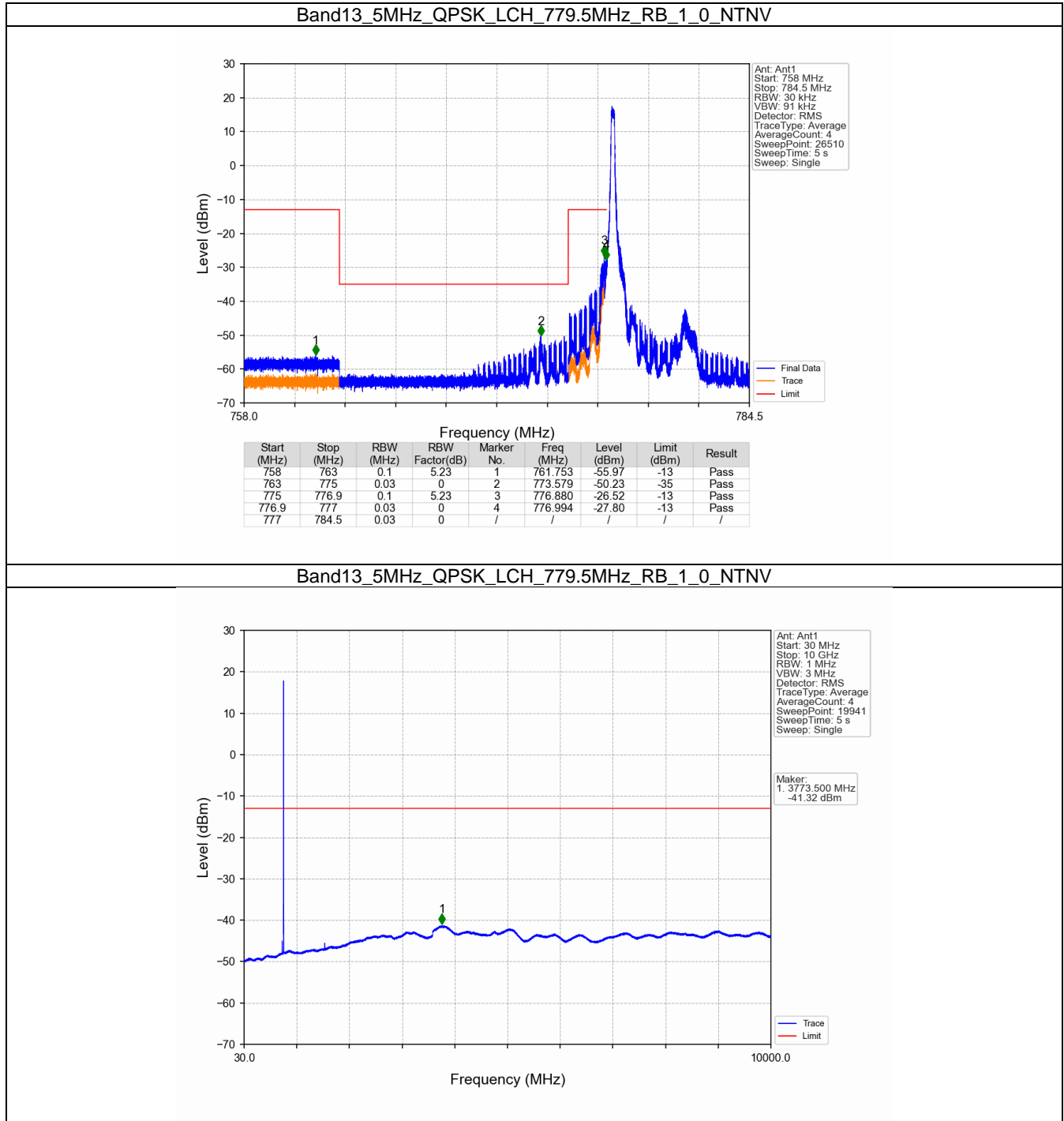
## 2. Spurious Emission

### 2.1 B13\_5MHz

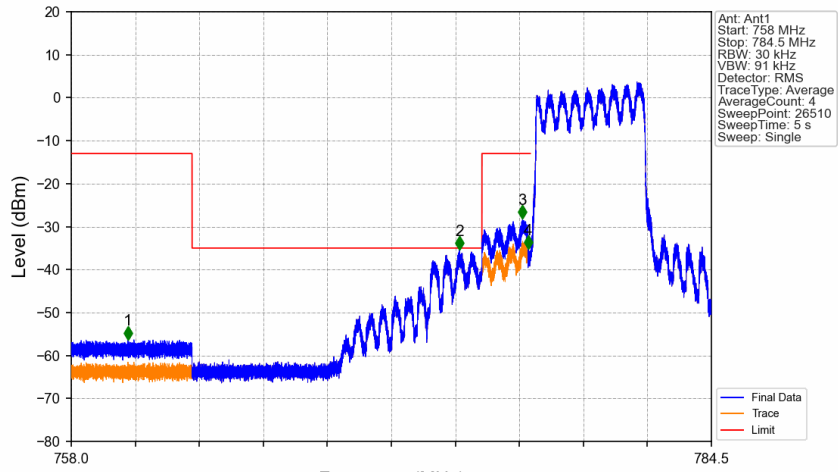
#### 2.1.1 Test Result

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
	782	1	0	Refer To Test Graph		Pass
	784.5	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
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

## 2.1.2 Test Graph

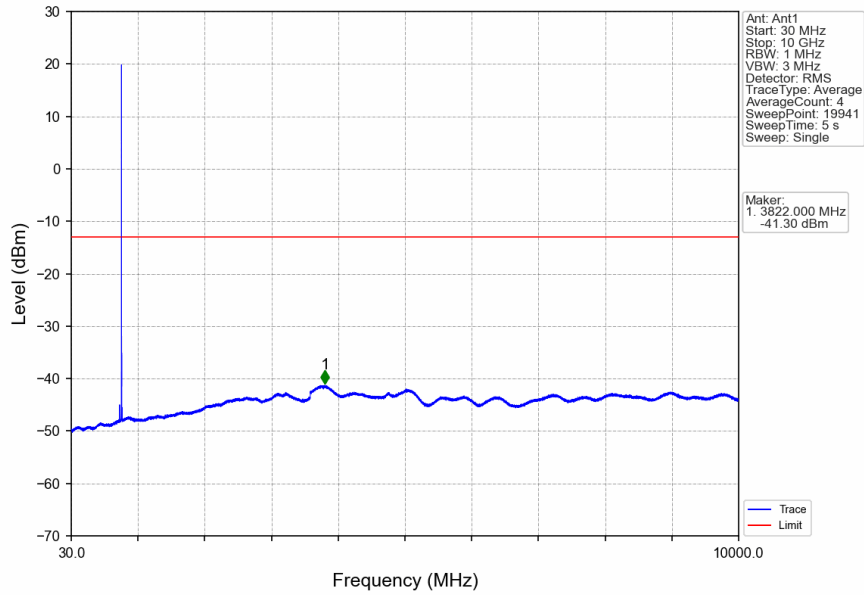


Band13\_5MHz\_QPSK\_LCH\_779.5MHz\_RB\_25\_0\_NTNV

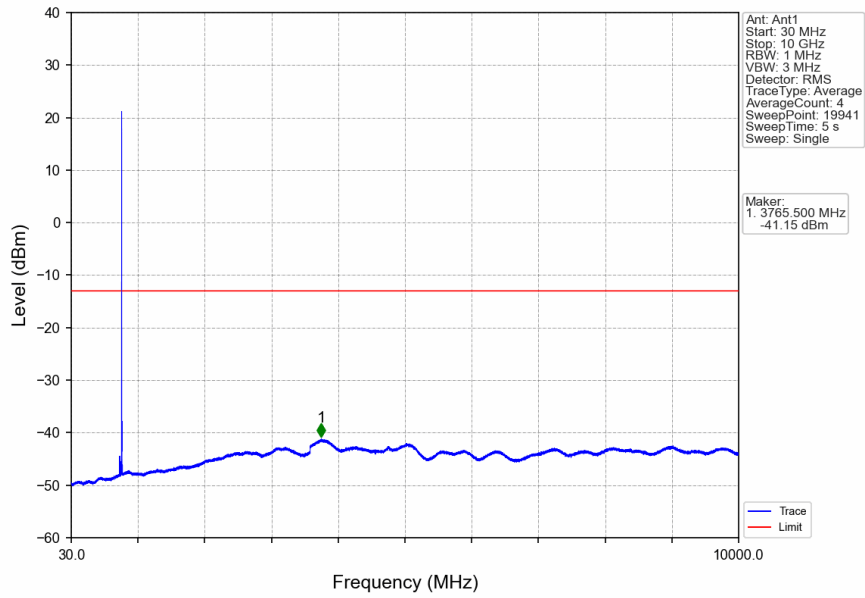


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	5.23	1	760.347	-56.30	-13	Pass
763	775	0.03	0	2	774.073	-35.39	-35	Pass
775	776.9	0.1	5.23	3	776.684	-28.19	-13	Pass
776.9	777	0.03	0	4	776.907	-35.27	-13	Pass
777	784.5	0.03	0	/	/	/	/	/

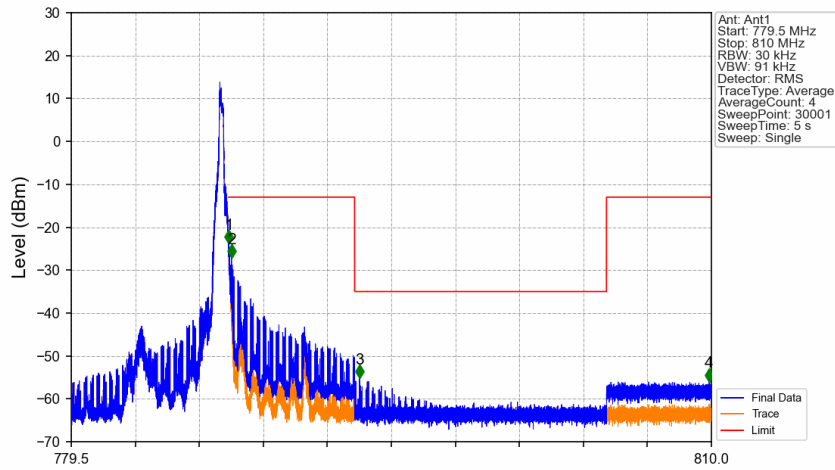
Band13\_5MHz\_QPSK\_MCH\_782MHz\_RB\_1\_0\_NTNV



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

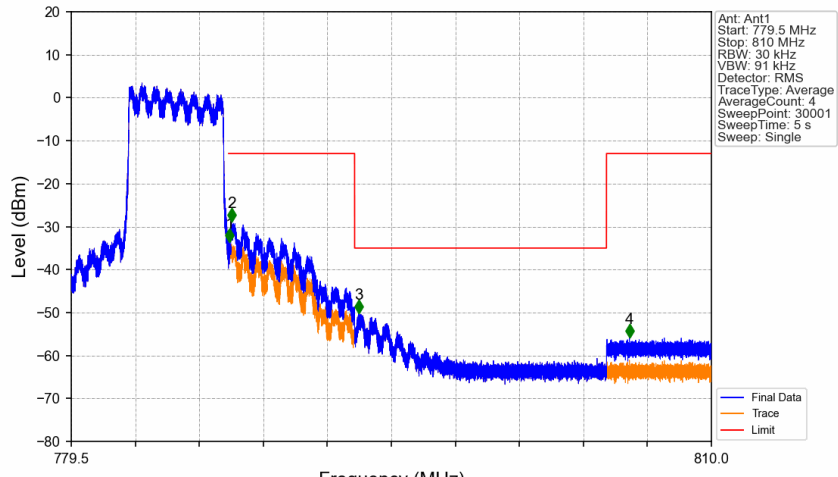


Band13\_5MHz\_QPSK\_HCH\_784.5MHz\_RB\_1\_24\_NTNV



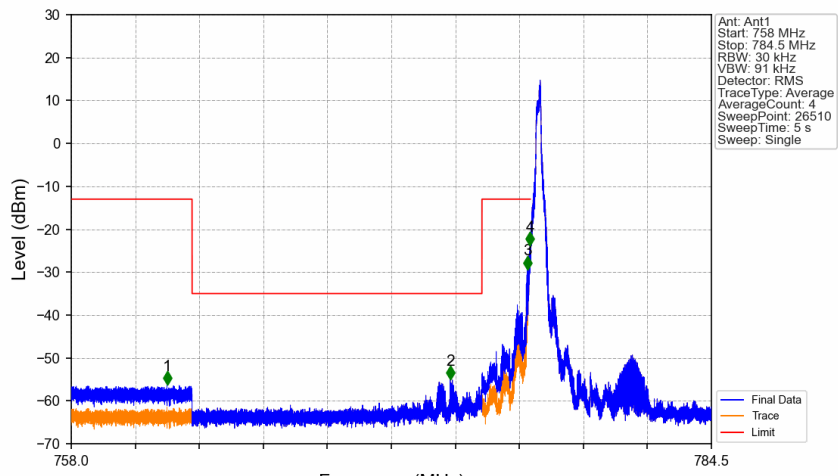
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	1	787.007	-23.83	-13	Pass
787.1	793	0.1	5.23	2	787.134	-27.12	-13	Pass
793	805	0.03	0	3	793.234	-55.17	-35	Pass
805	810	0.1	5.23	4	809.890	-56.00	-13	Pass

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



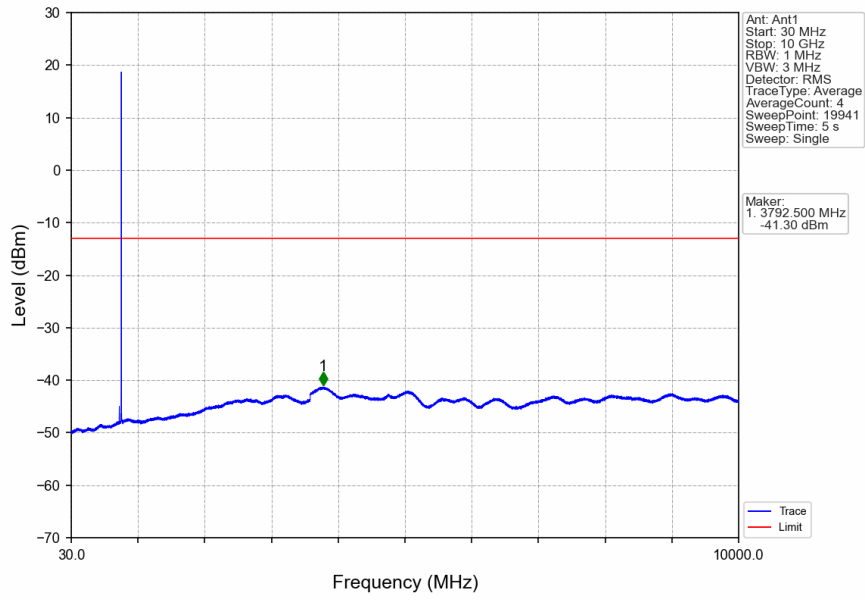
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	1	787.039	-33.69	-13	Pass
787.1	793	0.1	5.23	2	787.136	-28.89	-13	Pass
793	805	0.03	0	3	793.201	-50.16	-35	Pass
805	810	0.1	5.23	4	806.093	-55.85	-13	Pass

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

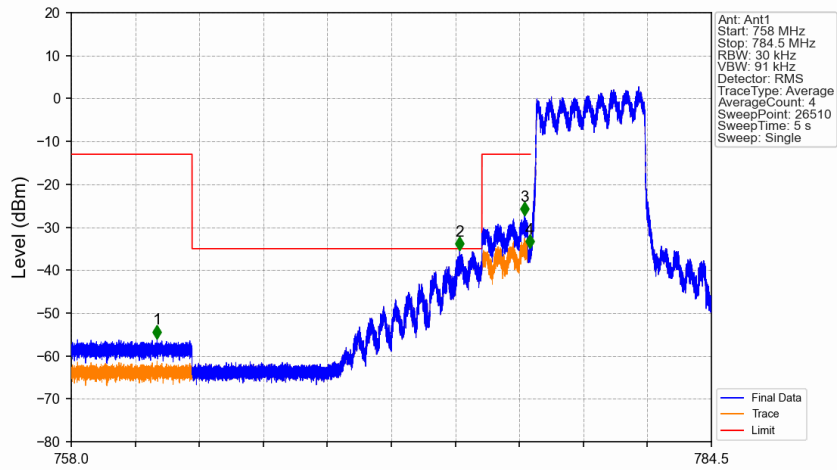


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	5.23	1	761.963	-56.26	-13	Pass
763	775	0.03	0	2	773.686	-55.09	-35	Pass
775	776.9	0.1	5.23	3	776.886	-29.36	-13	Pass
776.9	777	0.03	0	4	776.992	-23.84	-13	Pass
777	784.5	0.03	0	/	/	/	/	/

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

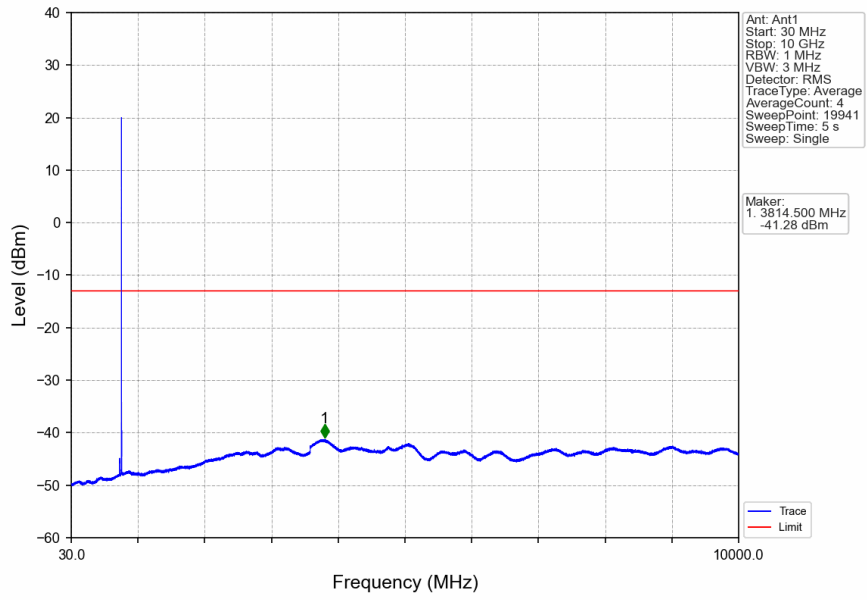


Band13\_5MHz\_16QAM\_LCH\_779.5MHz\_RB\_25\_0\_NTNV

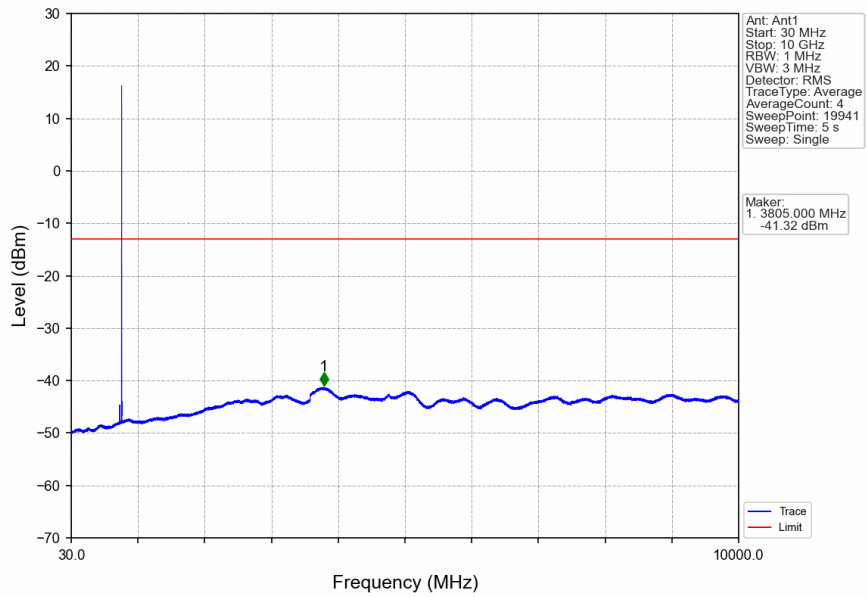


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	5.23	1	761.554	-55.94	-13	Pass
763	775	0.03	0	2	774.080	-35.44	-35	Pass
775	776.9	0.1	5.23	3	776.759	-27.35	-13	Pass
776.9	777	0.03	0	4	776.982	-34.86	-13	Pass
777	784.5	0.03	0	/	/	/	/	/

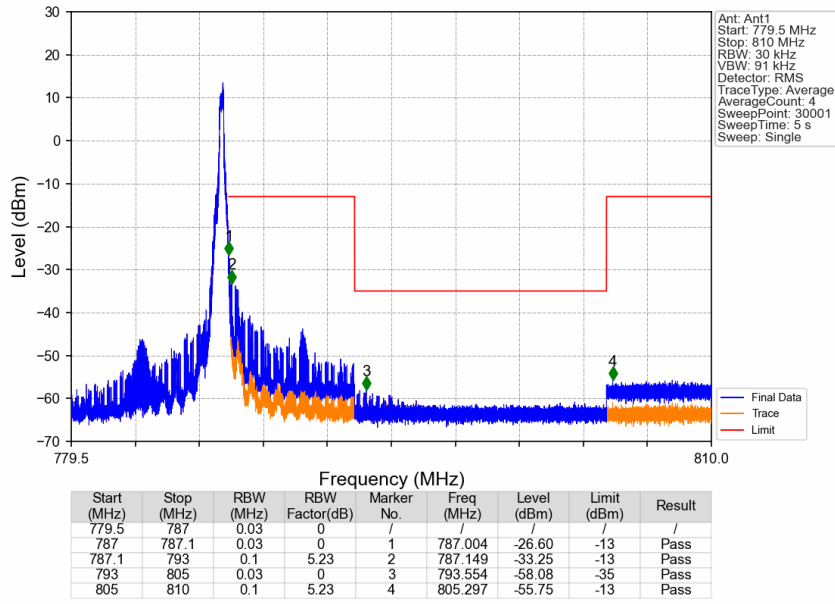
Band13\_5MHz\_16QAM\_MCH\_782MHz\_RB\_1\_0\_NTNV



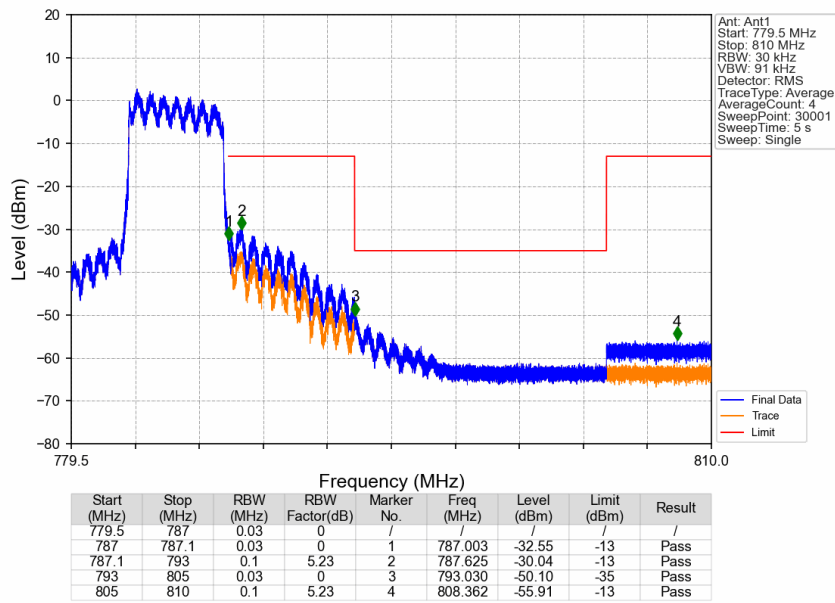
Band13\_5MHz\_16QAM\_HCH\_784.5MHz\_RB\_1\_0\_NTNV



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



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



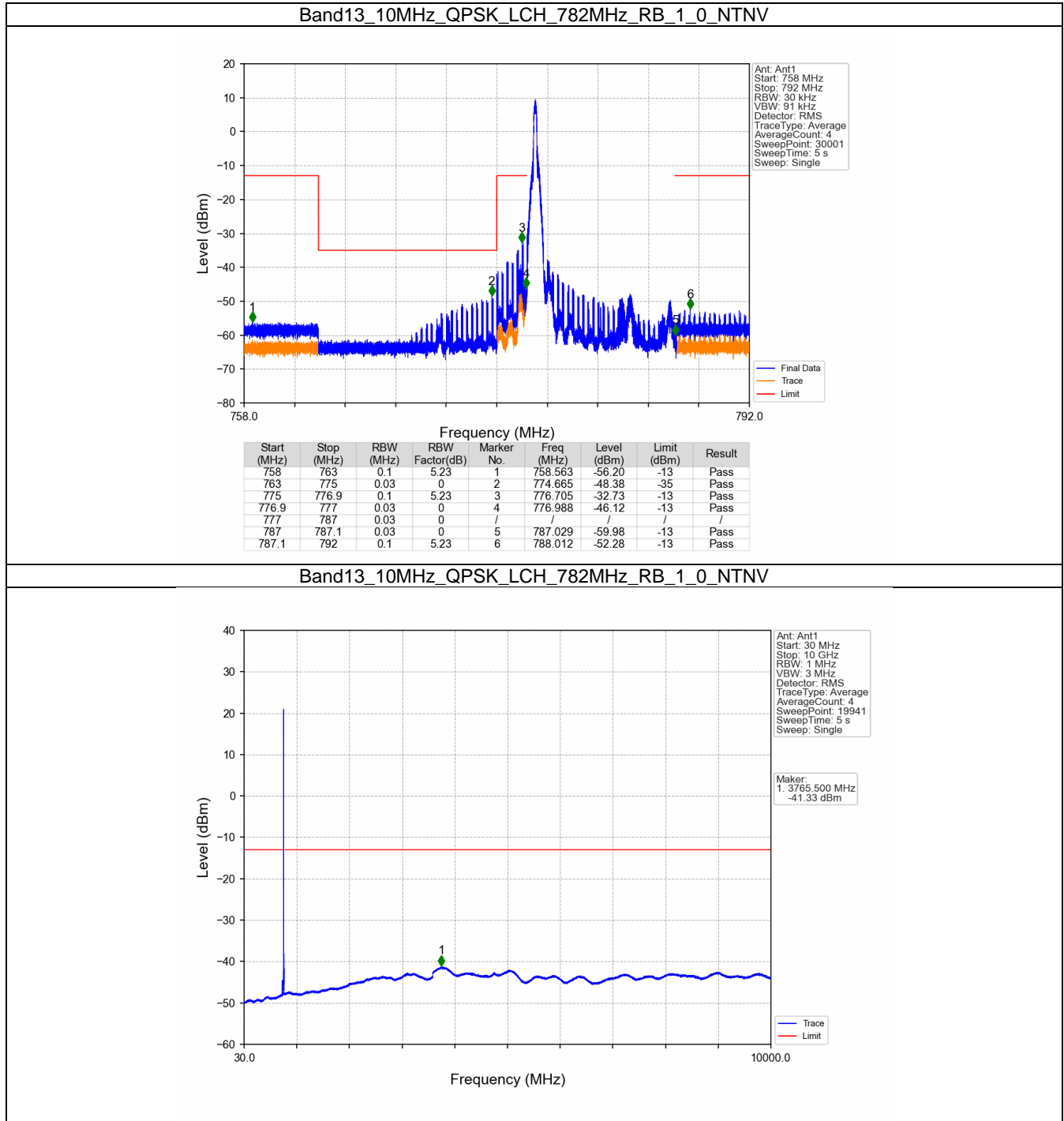


## 2.2 B13\_10MHz

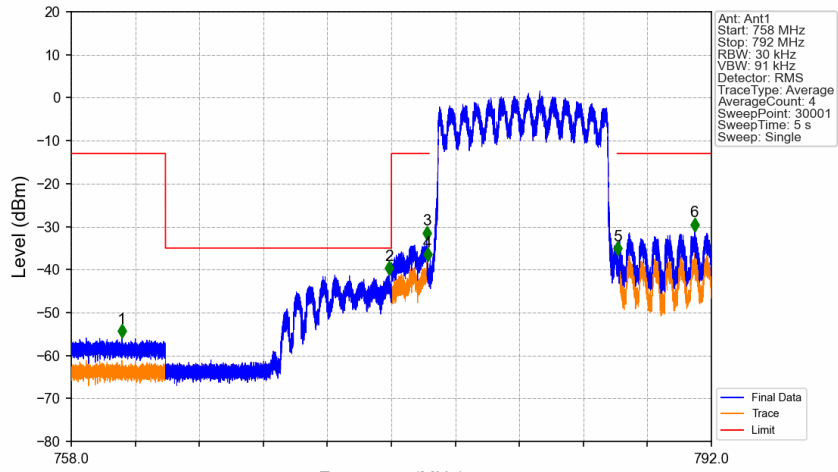
### 2.2.1 Test Result

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	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			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	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

## 2.2.2 Test Graph

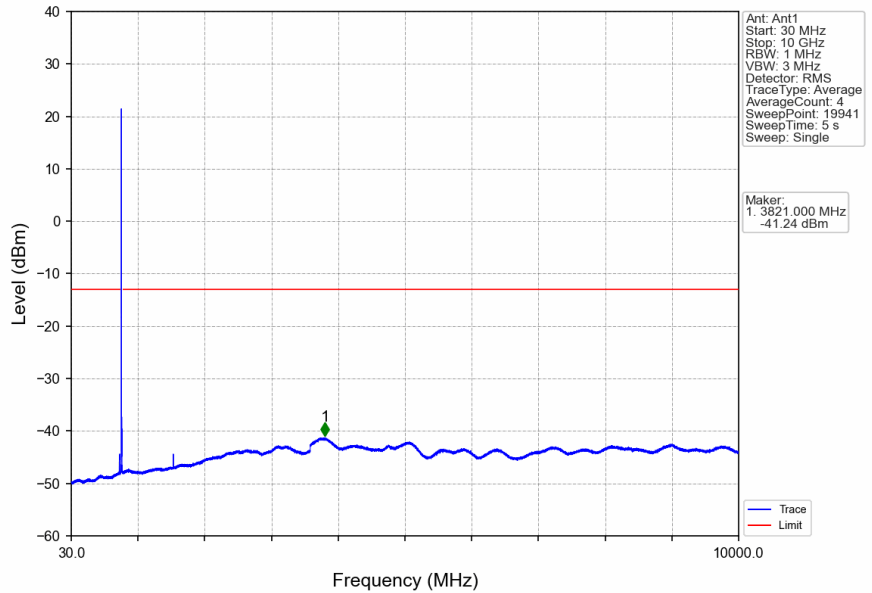


Band13\_10MHz\_QPSK\_LCH\_782MHz\_RB\_50\_0\_NTNV

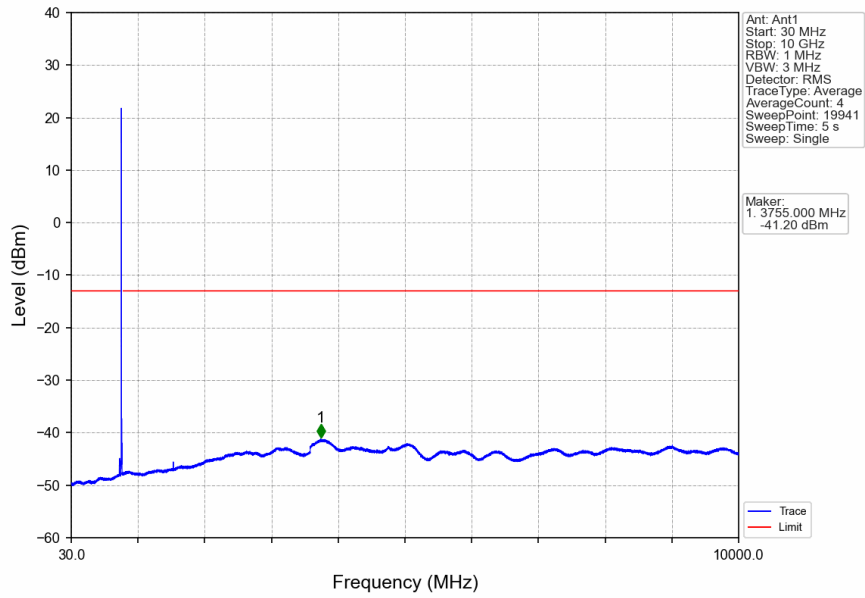


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	5.23	1	760.693	-55.89	-13	Pass
763	775	0.03	0	2	774.870	-41.15	-35	Pass
775	776.9	0.1	5.23	3	776.873	-33.02	-13	Pass
776.9	777	0.03	0	4	776.914	-38.01	-13	Pass
777	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	5	787.010	-36.56	-13	Pass
787.1	792	0.1	5.23	6	791.098	-31.06	-13	Pass

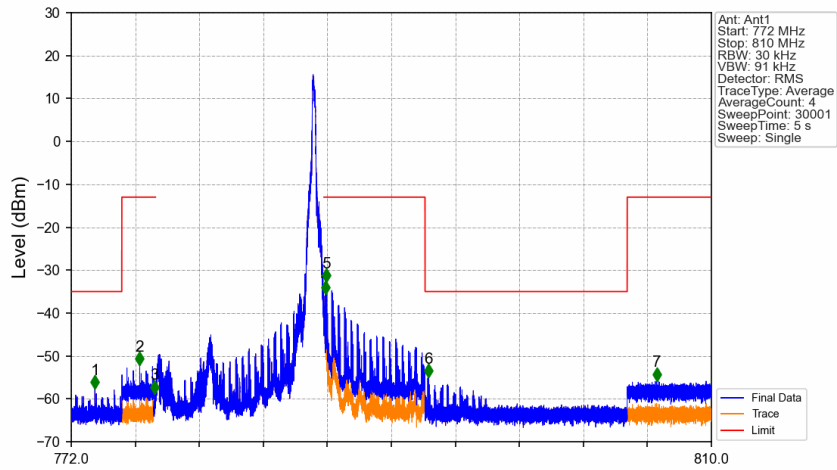
Band13\_10MHz\_QPSK\_MCH\_782MHz\_RB\_1\_0\_NTNV



Band13\_10MHz\_QPSK\_HCH\_782MHz\_RB\_1\_0\_NTNV

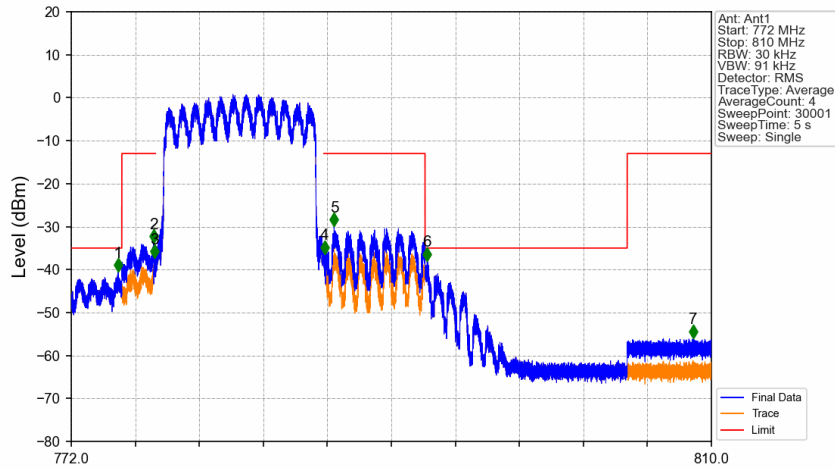


Band13\_10MHz\_QPSK\_HCH\_782MHz\_RB\_1\_49\_NTNV



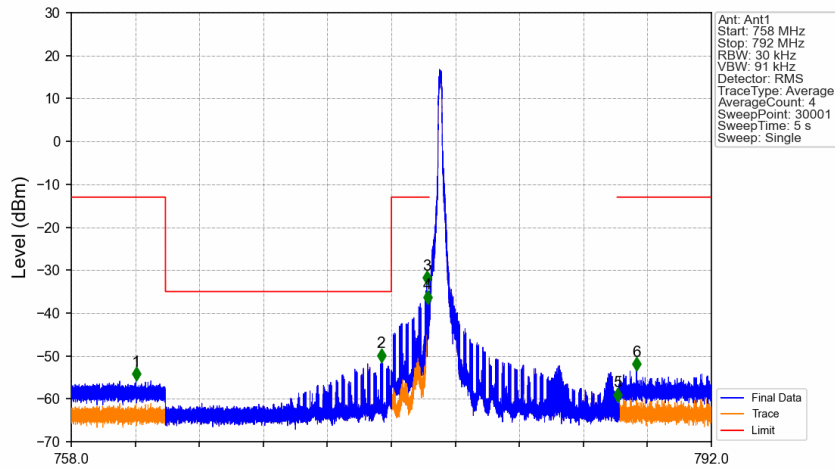
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.03	0	1	773.405	-57.65	-35	Pass
775	776.9	0.1	5.23	2	776.065	-52.16	-13	Pass
776.9	777	0.03	0	3	776.962	-58.80	-13	Pass
777	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	4	787.085	-35.58	-13	Pass
787.1	793	0.1	5.23	5	787.127	-32.78	-13	Pass
793	805	0.03	0	6	793.207	-55.05	-35	Pass
805	810	0.1	5.23	7	806.754	-55.80	-13	Pass

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



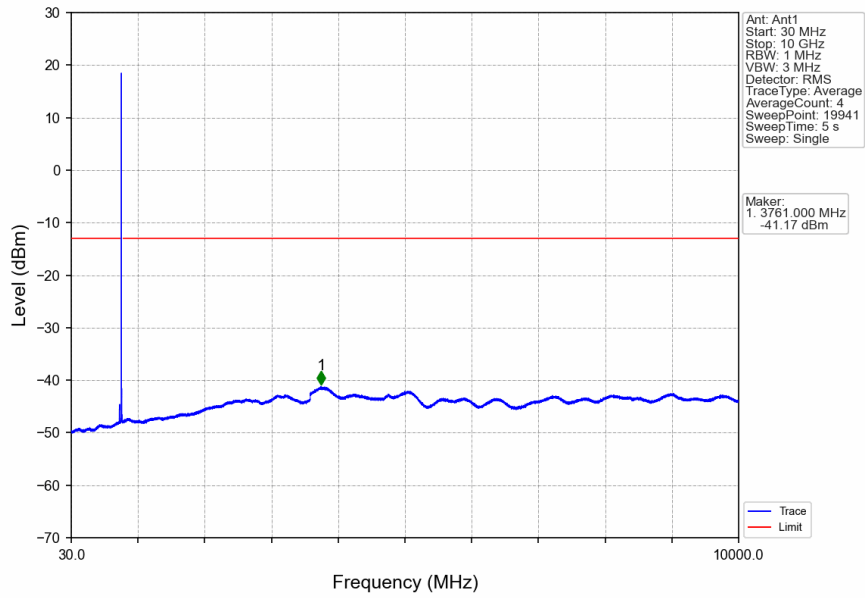
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.03	0	1	774.770	-40.50	-35	Pass
775	776.9	0.1	5.23	2	776.886	-33.77	-13	Pass
776.9	777	0.03	0	3	776.953	-37.37	-13	Pass
777	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	4	787.038	-36.36	-13	Pass
787.1	793	0.1	5.23	5	787.604	-29.88	-13	Pass
793	805	0.03	0	6	793.128	-37.95	-35	Pass
805	810	0.1	5.23	7	808.911	-55.93	-13	Pass

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

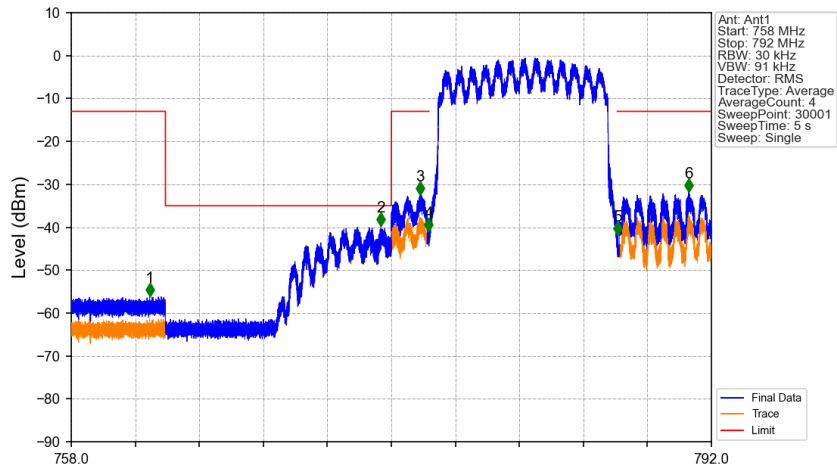


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	5.23	1	761.439	-55.78	-13	Pass
763	775	0.03	0	2	774.459	-51.40	-35	Pass
775	776.9	0.1	5.23	3	776.878	-33.31	-13	Pass
776.9	777	0.03	0	4	776.921	-37.83	-13	Pass
777	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	5	787.001	-60.57	-13	Pass
787.1	792	0.1	5.23	6	788.021	-53.47	-13	Pass

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

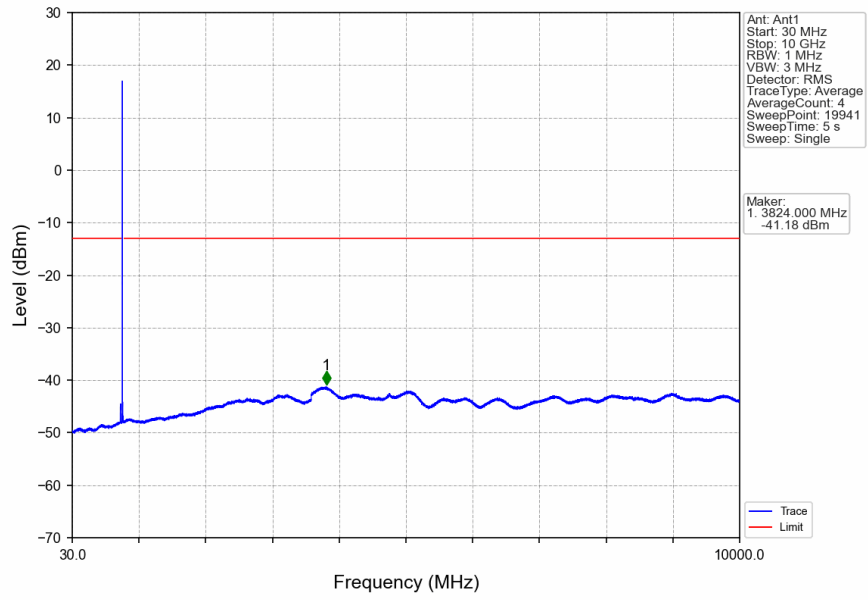


Band13\_10MHz\_16QAM\_LCH\_782MHz\_RB\_50\_0\_NTNV

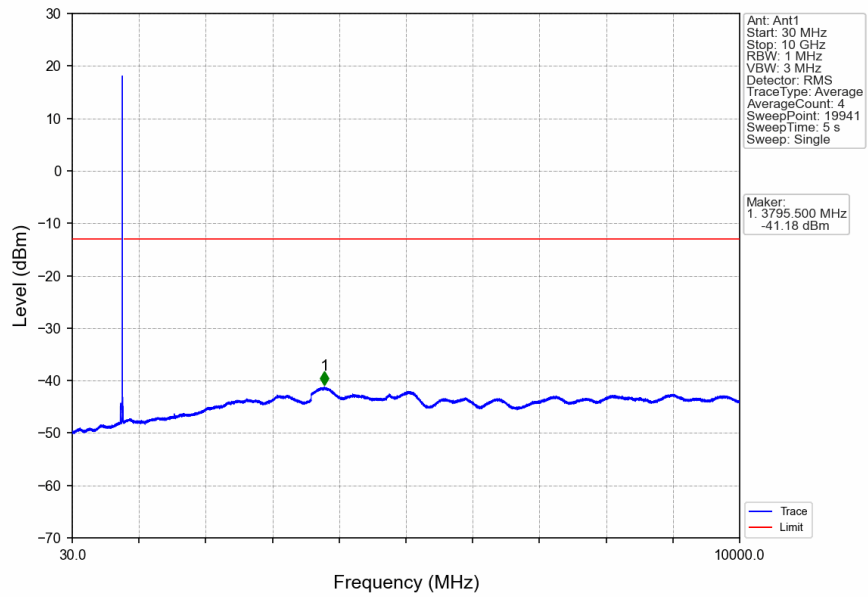


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	5.23	1	762.163	-56.12	-13	Pass
763	775	0.03	0	2	774.454	-39.77	-35	Pass
775	776.9	0.1	5.23	3	776.533	-32.46	-13	Pass
776.9	777	0.03	0	4	776.974	-41.01	-13	Pass
777	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	5	787.007	-41.91	-13	Pass
787.1	792	0.1	5.23	6	790.777	-31.87	-13	Pass

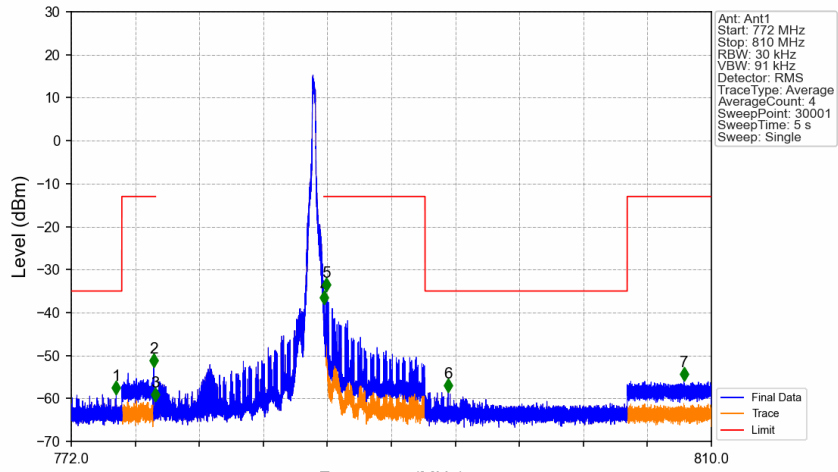
Band13\_10MHz\_16QAM\_MCH\_782MHz\_RB\_1\_0\_NTNV



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

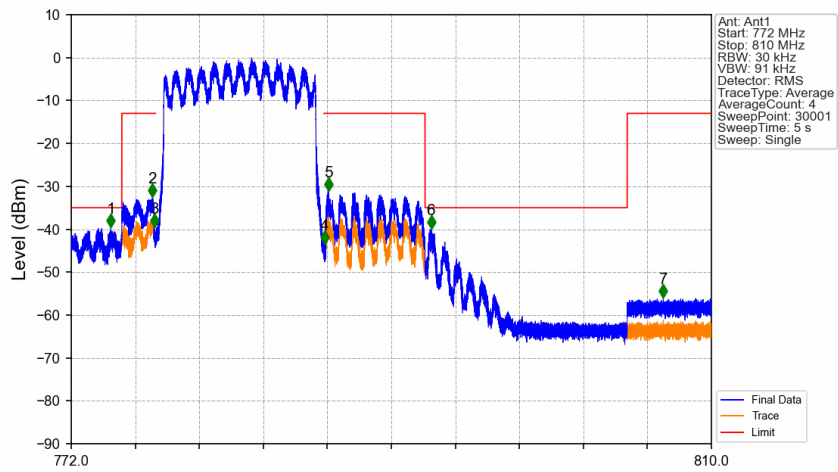


Band13\_10MHz\_16QAM\_HCH\_782MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.03	0	1	774.670	-59.09	-35	Pass
775	776.9	0.1	5.23	2	776.897	-52.79	-13	Pass
776.9	777	0.03	0	3	776.977	-60.69	-13	Pass
777	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	4	787.010	-38.15	-13	Pass
787.1	793	0.1	5.23	5	787.115	-35.14	-13	Pass
793	805	0.03	0	6	794.377	-58.50	-35	Pass
805	810	0.1	5.23	7	808.361	-55.94	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.03	0	1	774.351	-39.63	-35	Pass
775	776.9	0.1	5.23	2	776.820	-32.59	-13	Pass
776.9	777	0.03	0	3	776.922	-39.52	-13	Pass
777	787	0.03	0	/	/	/	/	/
787	787.1	0.03	0	4	787.026	-43.45	-13	Pass
787.1	793	0.1	5.23	5	787.260	-31.05	-13	Pass
793	805	0.03	0	6	793.360	-39.97	-35	Pass
805	810	0.1	5.23	7	807.142	-55.91	-13	Pass



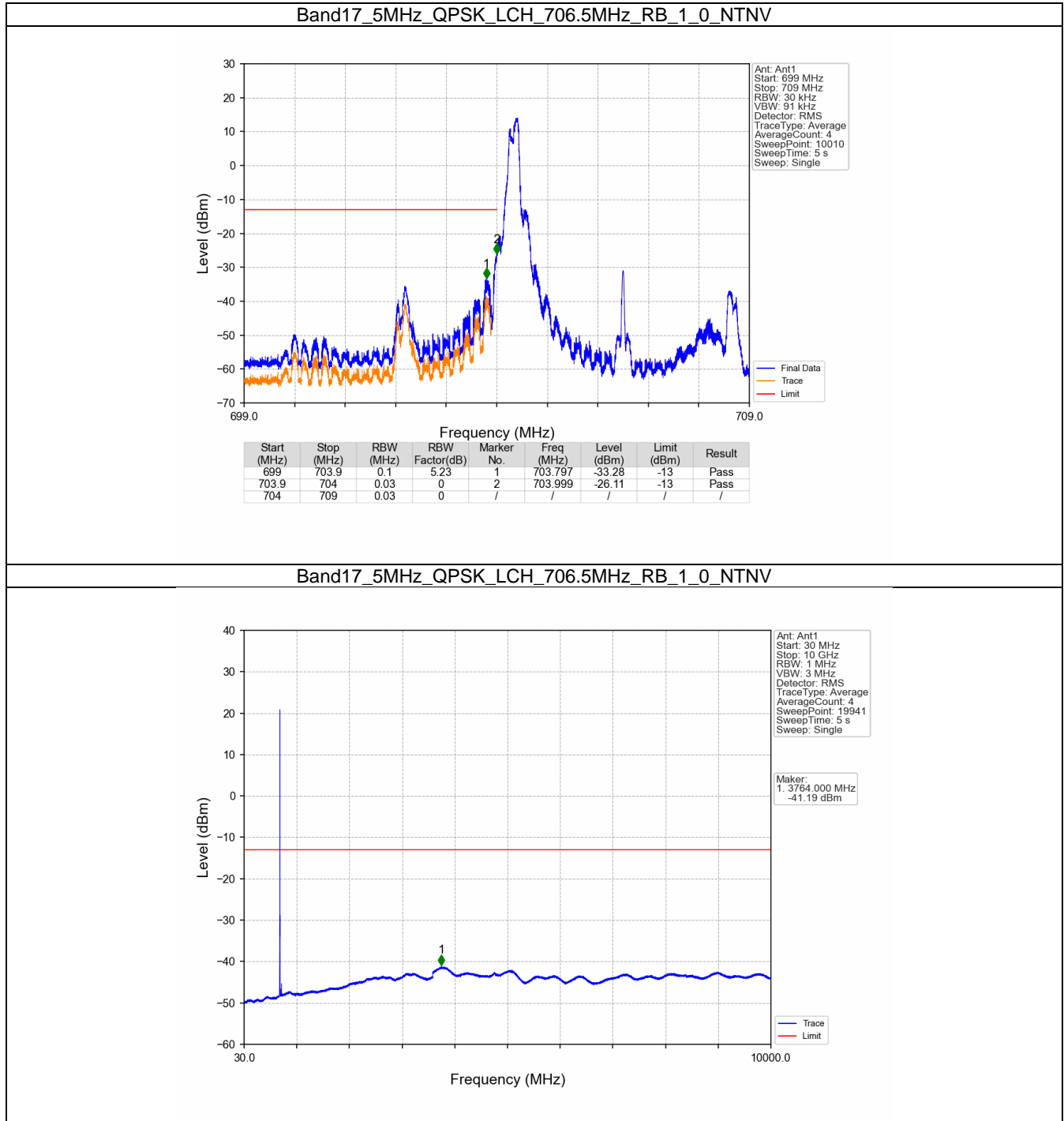
### 3. Spurious Emission

#### 3.1 B17\_5MHz

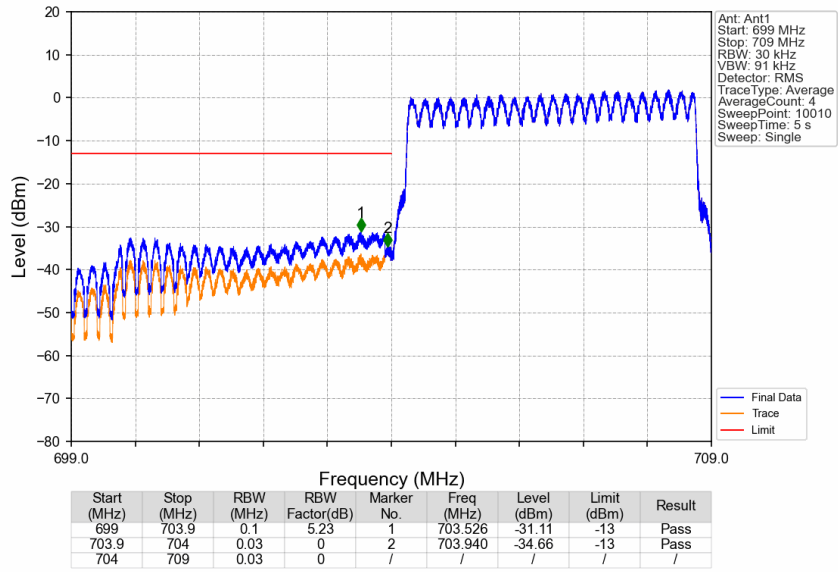
##### 3.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	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	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	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

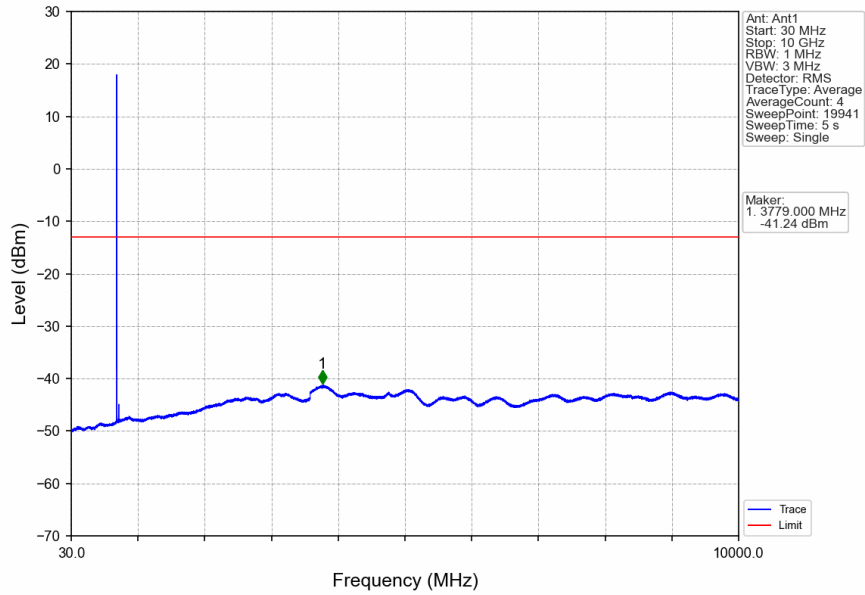
### 3.1.2 Test Graph



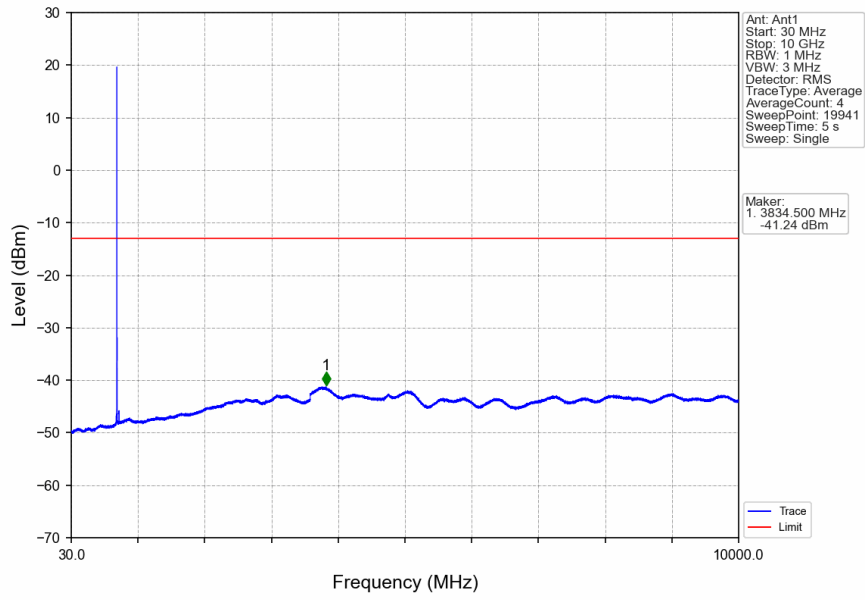
Band17\_5MHz\_QPSK\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



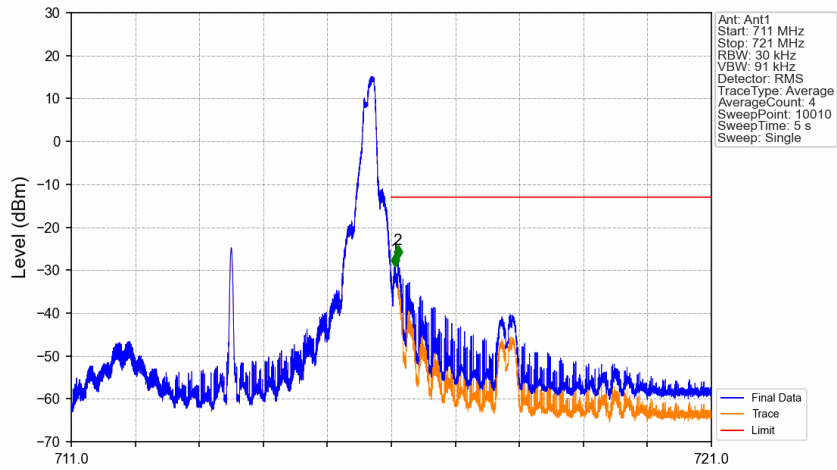
Band17\_5MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_0\_NTNV

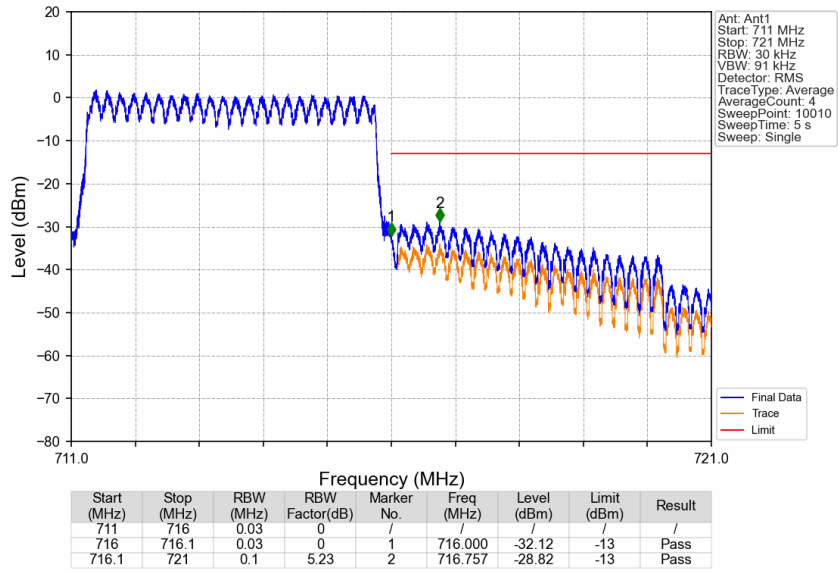


Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_24\_NTNV

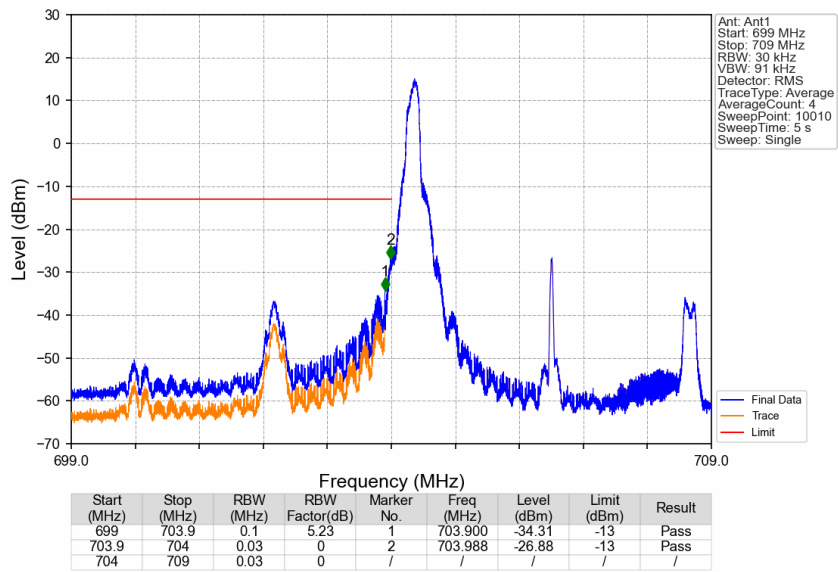


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	1	716.058	-29.29	-13	Pass
716.1	721	0.1	5.23	2	716.101	-27.30	-13	Pass

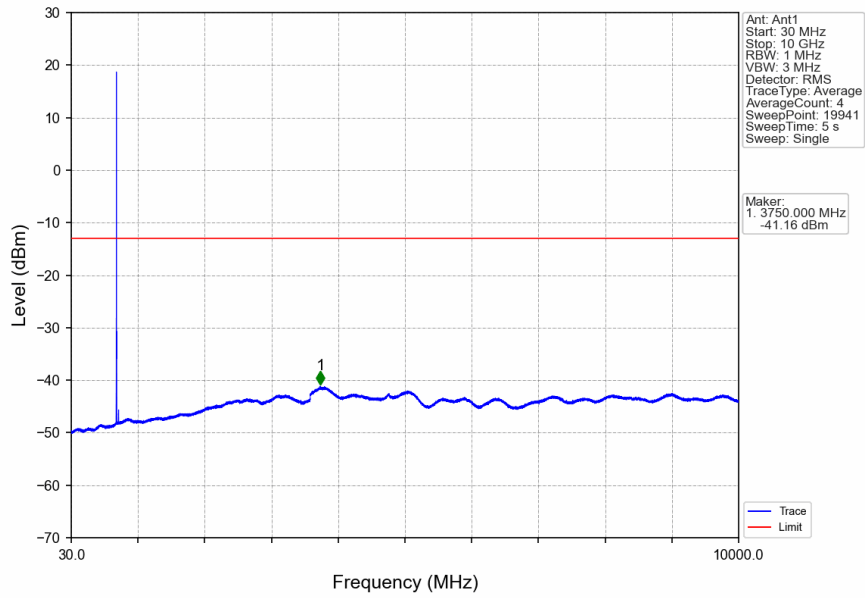
Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



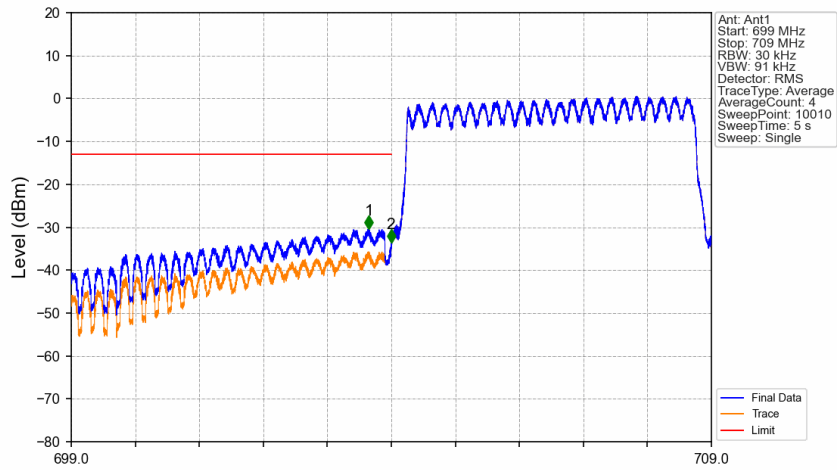
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV



Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV

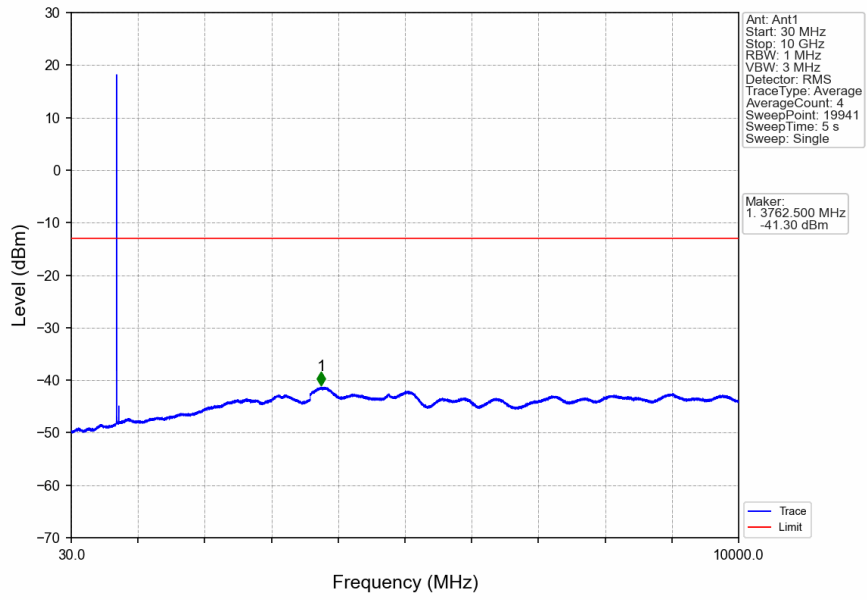


Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV

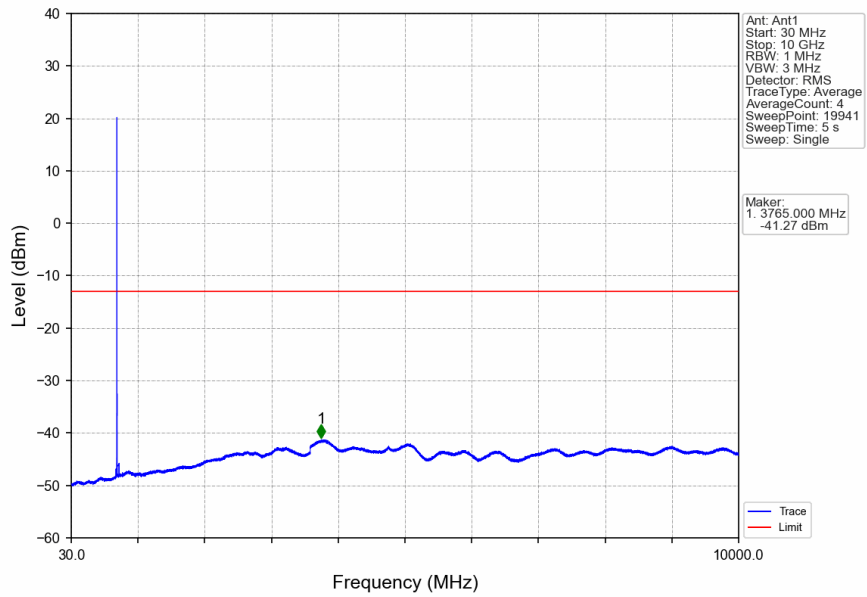


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.648	-30.48	-13	Pass
703.9	704	0.03	0	2	703.995	-33.63	-13	Pass
704	709	0.03	0	/	/	/	/	/

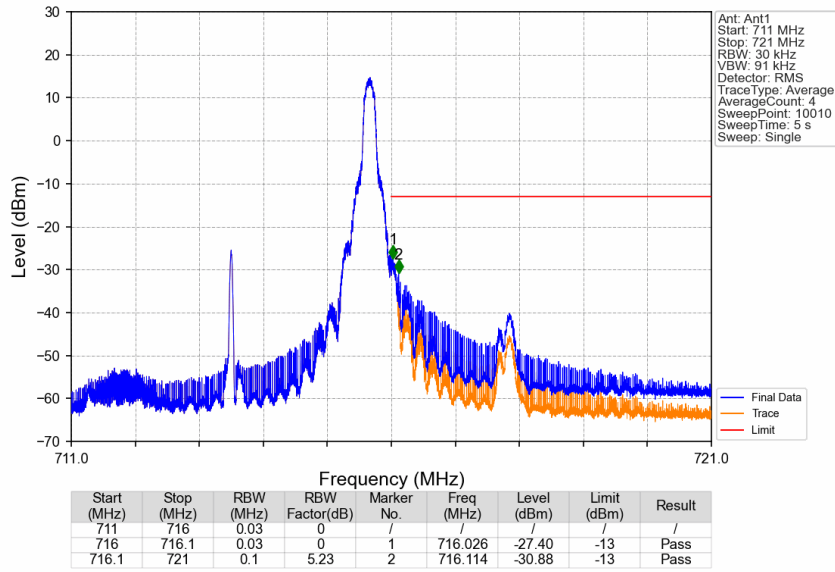
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



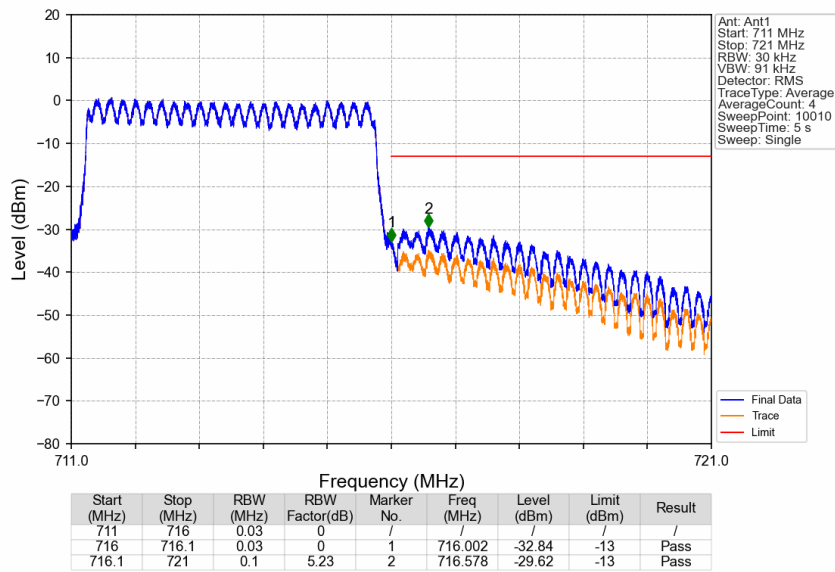
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_24\_NTV



Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTV



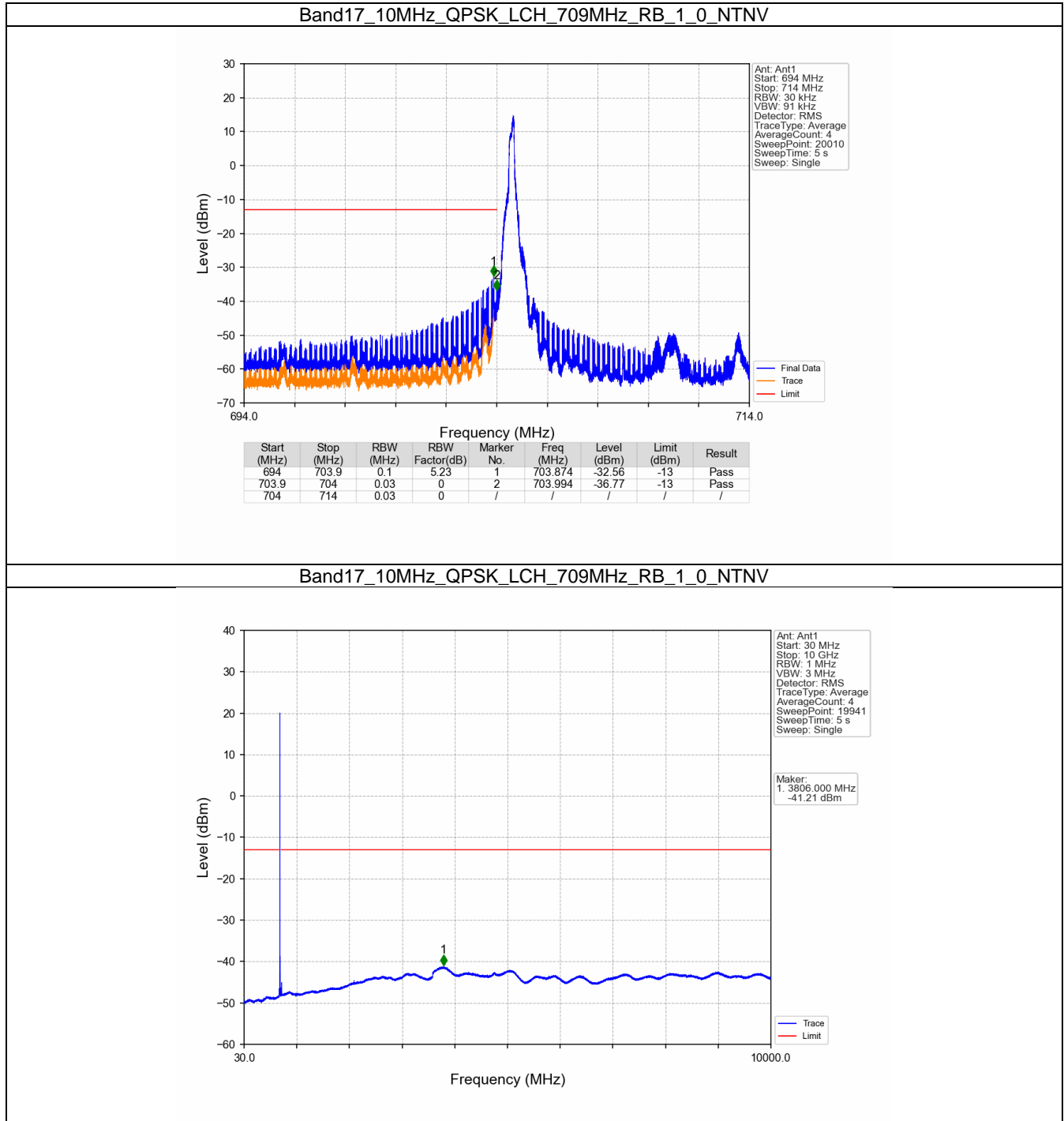


### 3.2 B17\_10MHz

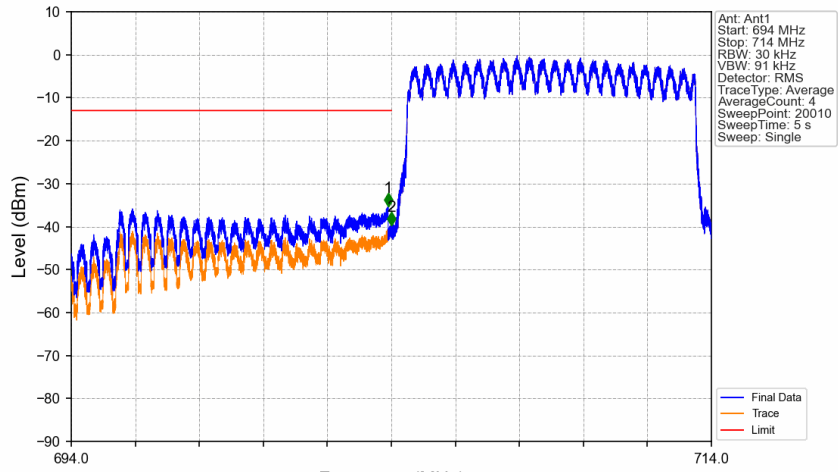
#### 3.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

### 3.2.2 Test Graph

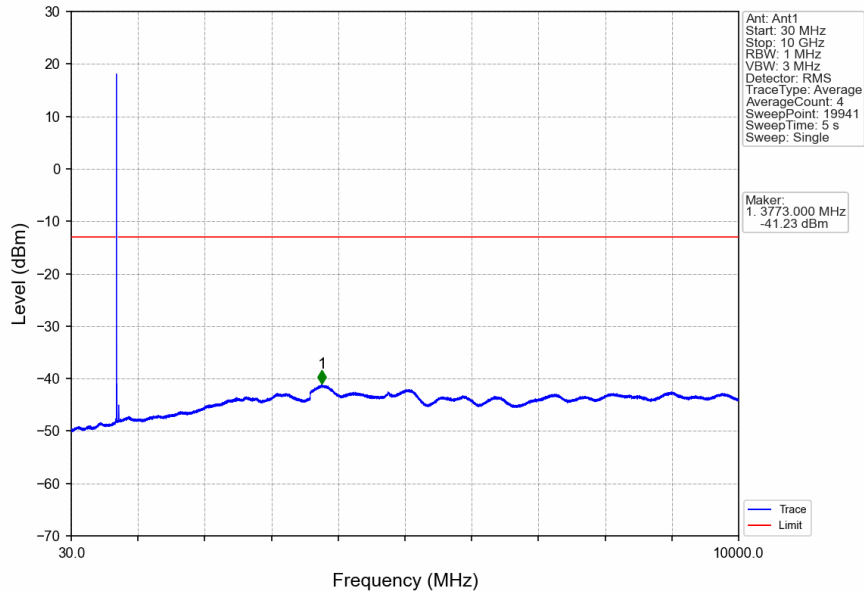


Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV

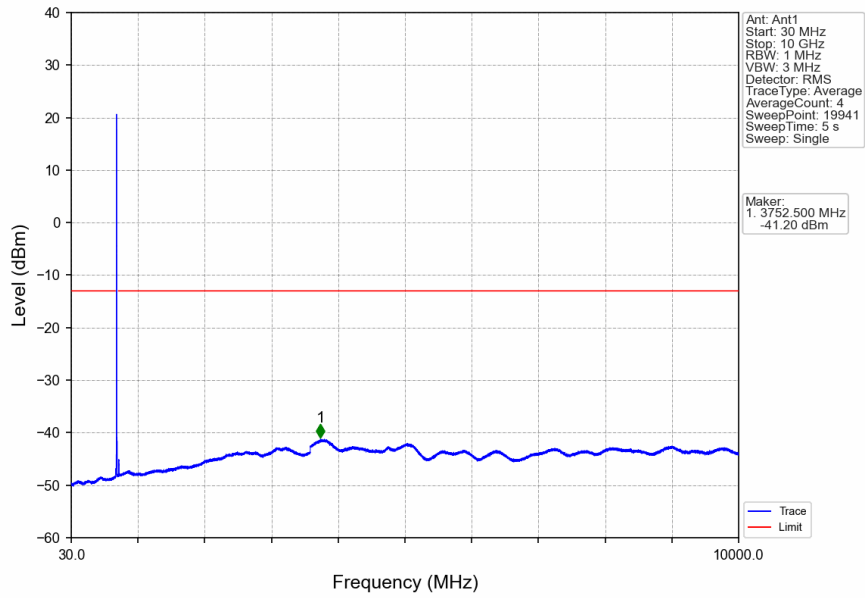


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.900	-35.32	-13	Pass
703.9	704	0.03	0	2	703.998	-39.76	-13	Pass
704	714	0.03	0	/	/	/	/	/

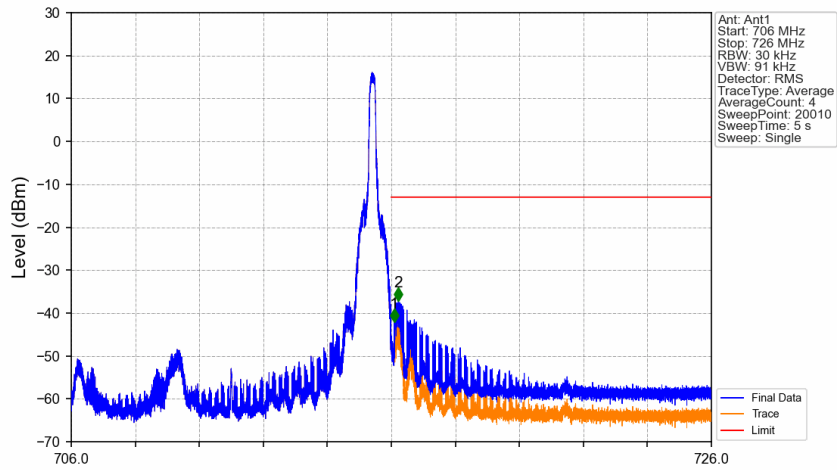
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_0\_NTNV

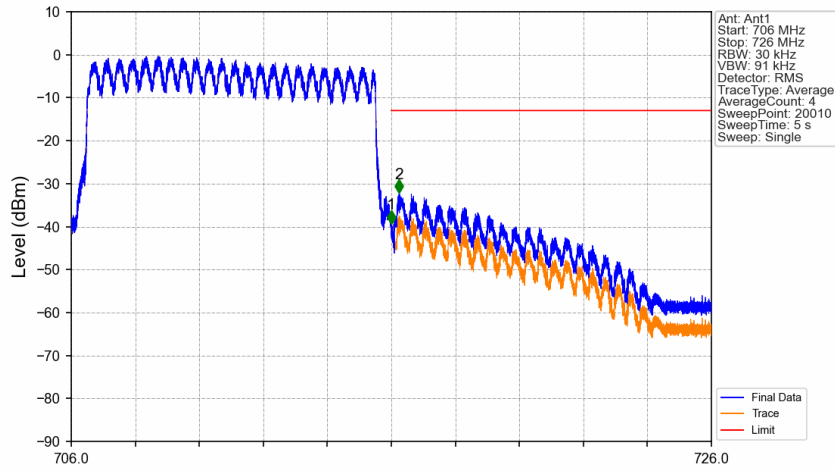


Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_49\_NTNV



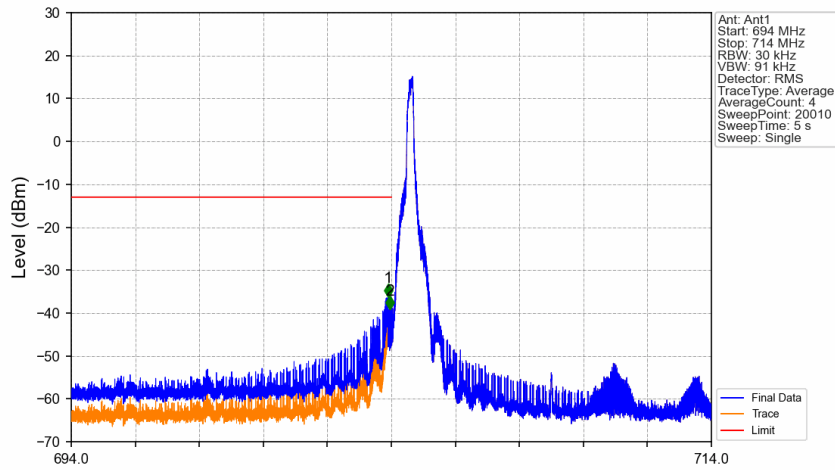
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.090	-42.12	-13	Pass
716.1	726	0.1	5.23	2	716.218	-37.19	-13	Pass

Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.000	-39.32	-13	Pass
716.1	726	0.1	5.23	2	716.244	-32.23	-13	Pass

Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.898	-36.23	-13	Pass
703.9	704	0.03	0	2	703.963	-39.15	-13	Pass
704	714	0.03	0	/	/	/	/	/