



## 5.4 B5\_10MHz

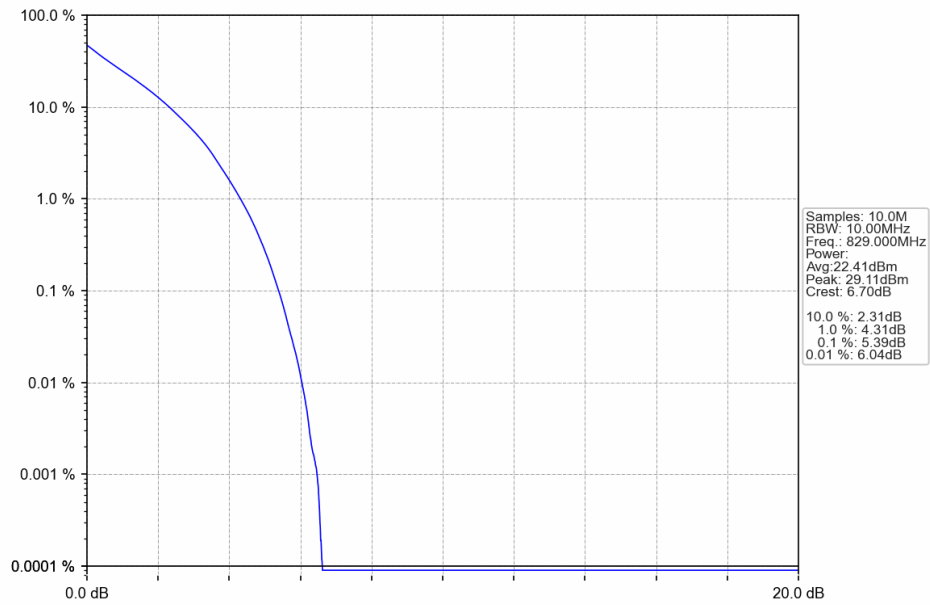
### 5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.39	<=13	Pass
	836.5	50	0	5.53	<=13	Pass
	844	50	0	5.53	<=13	Pass
16QAM	829	50	0	6.09	<=13	Pass
	836.5	50	0	6.32	<=13	Pass
	844	50	0	6.28	<=13	Pass

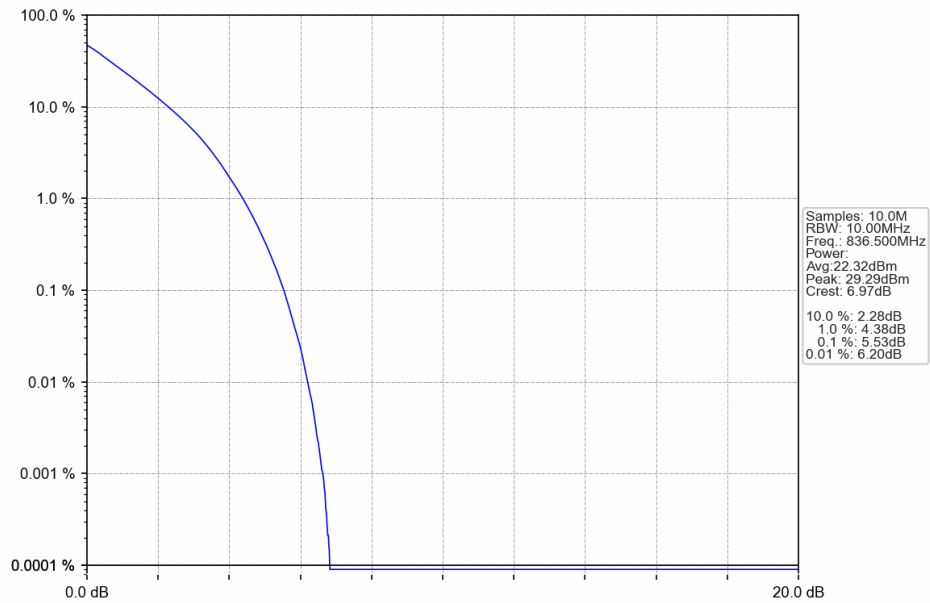


## 5.4.2 Test Graph

Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

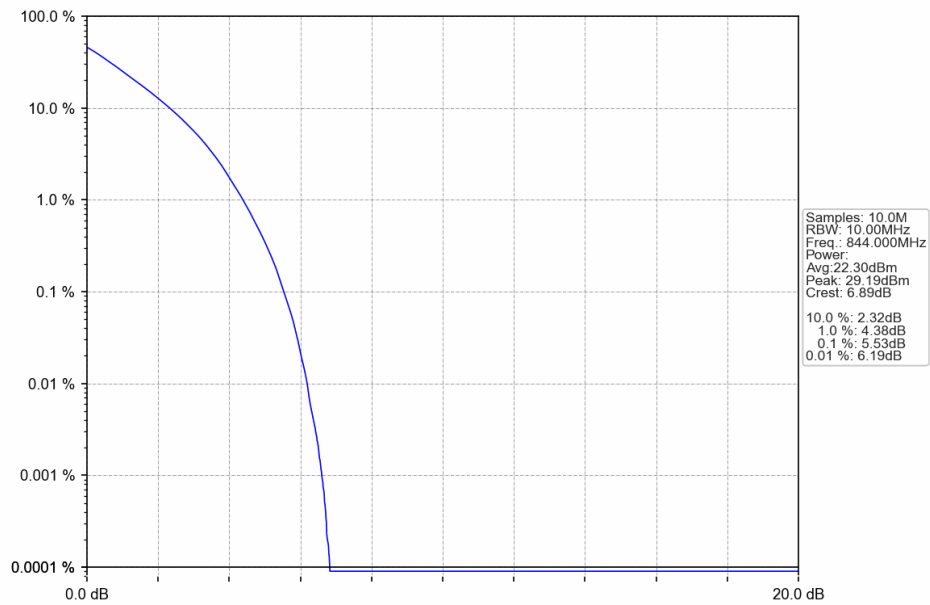


Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

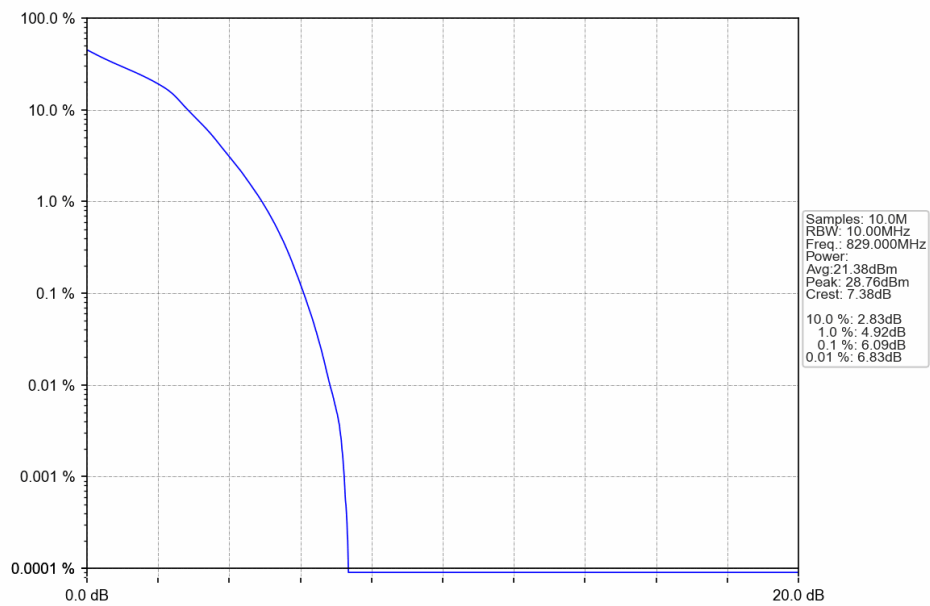




Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV

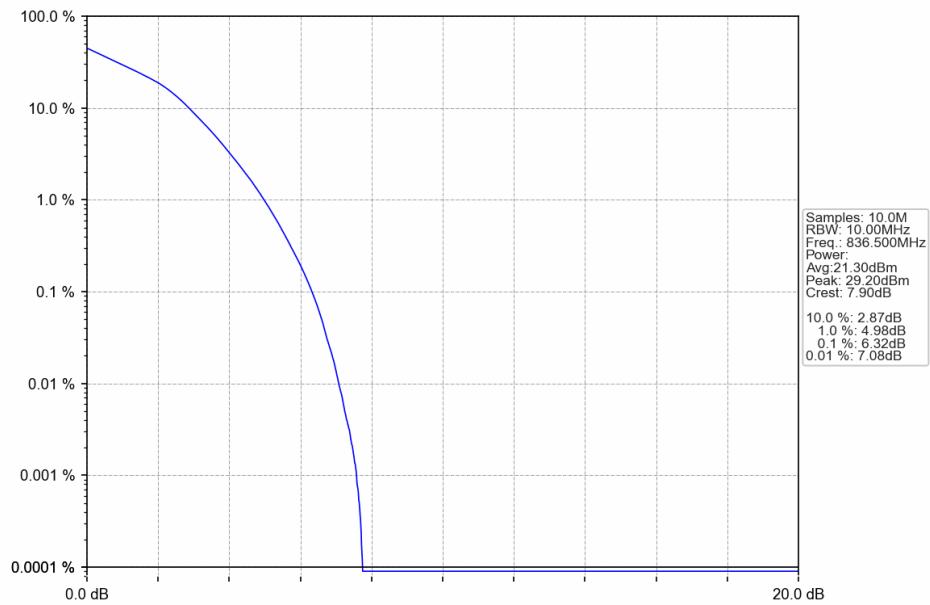


Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

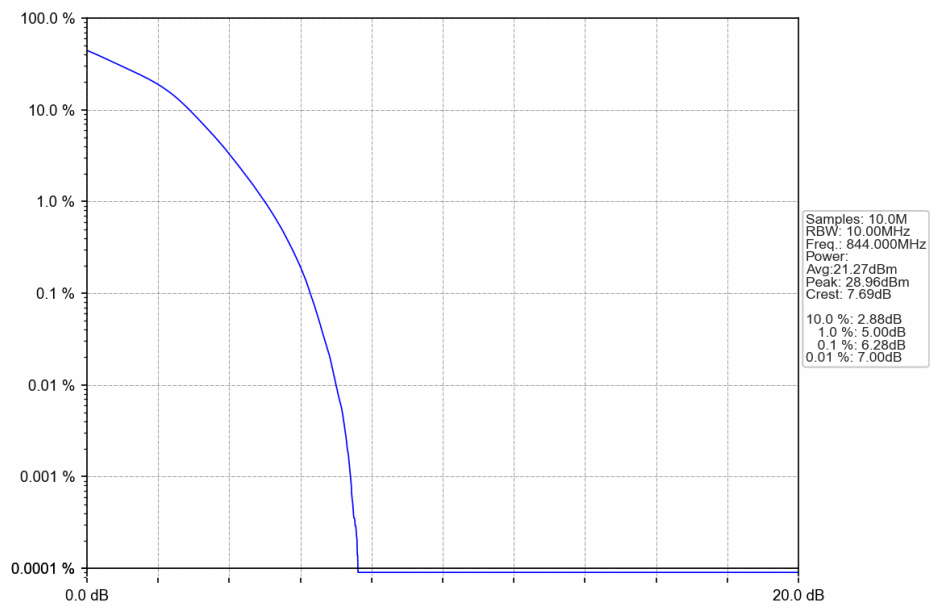




Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV





## 6. Spurious Emission

### 6.1 B5\_1.4MHz

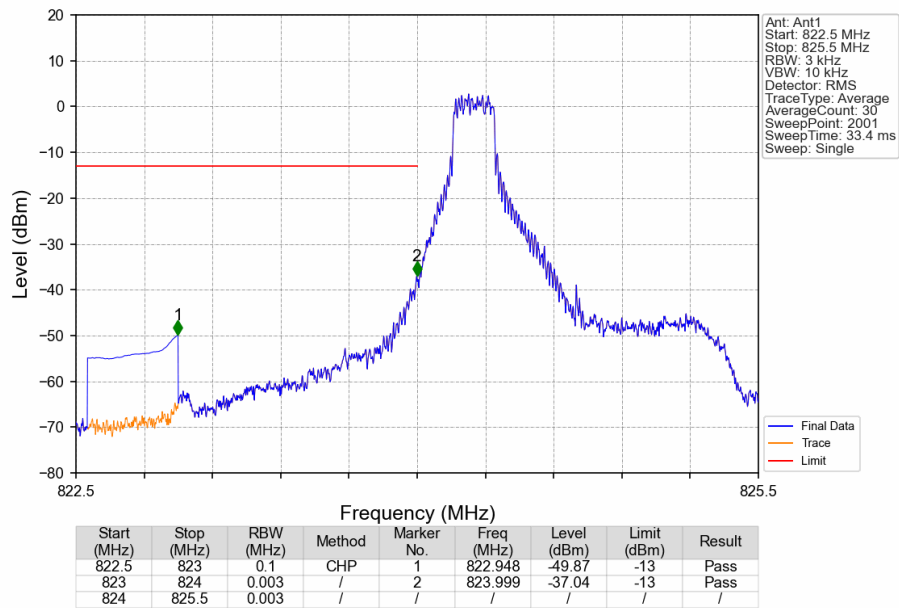
#### 6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

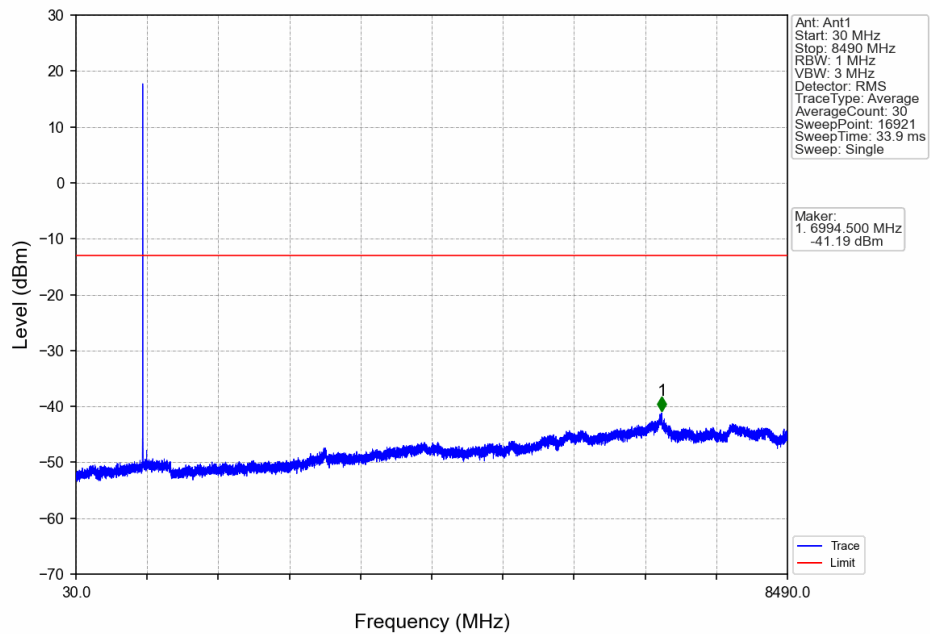


## 6.1.2 Test Graph

Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

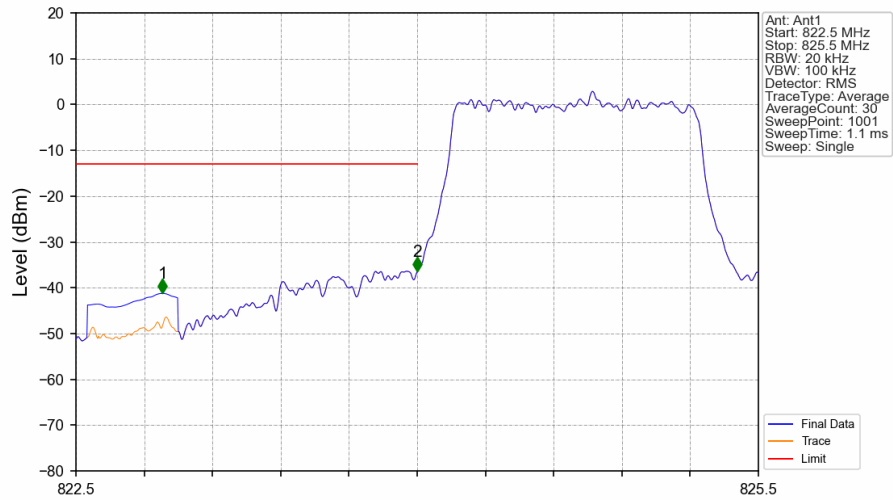


Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



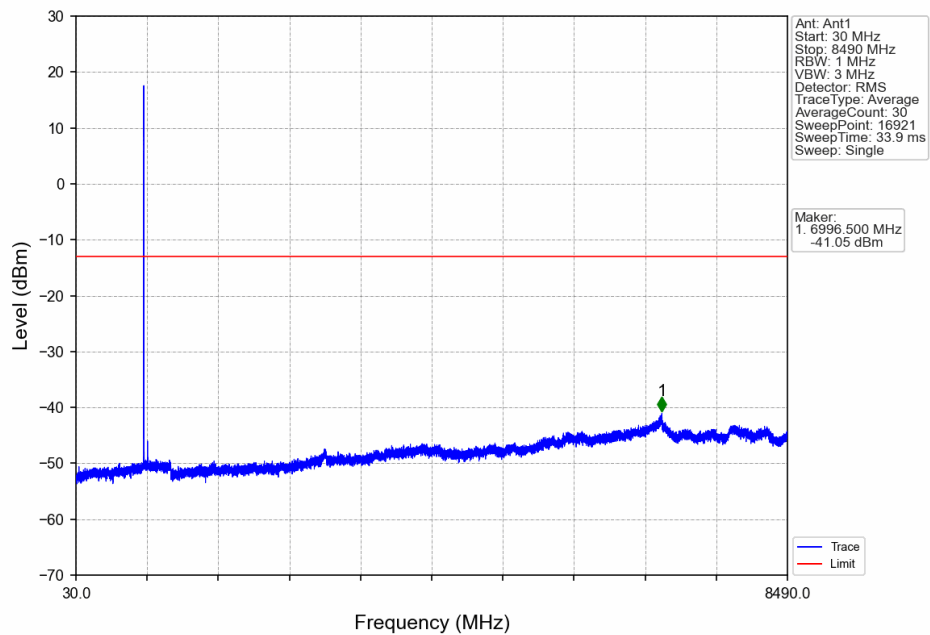


## Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



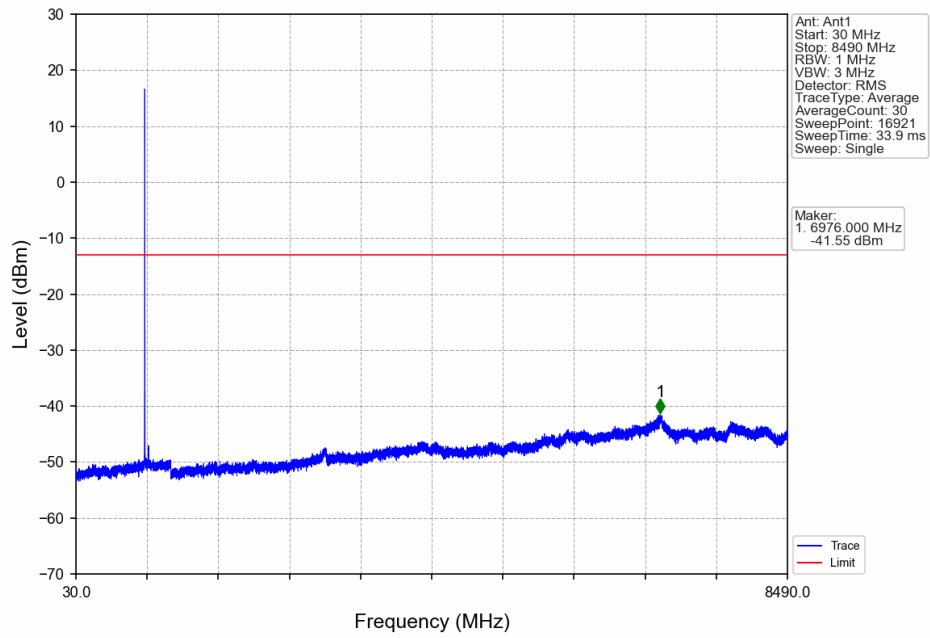
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.881	-41.25	-13	Pass
823	824	0.02	/	2	824.000	-36.41	-13	Pass
824	825.5	0.02	/	/	/	/	/	/

## Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

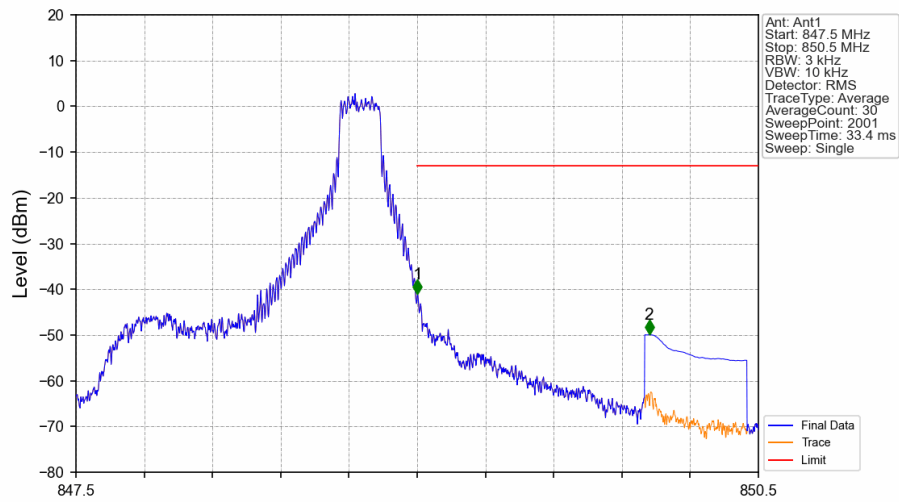




## Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



## Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_5\_NTNV

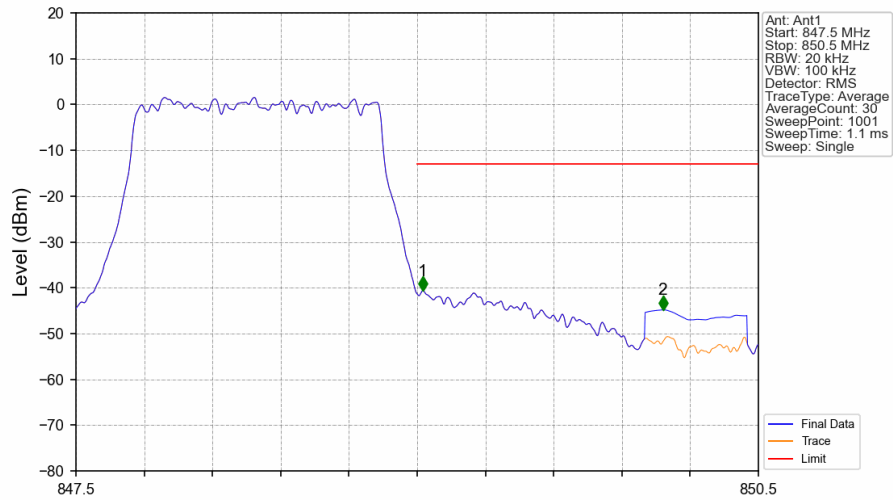


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	1	849.001	-41.05	-13	/
849	850	0.003	/	2	850.020	-49.92	-13	Pass
850	850.5	0.1	CHP					Pass



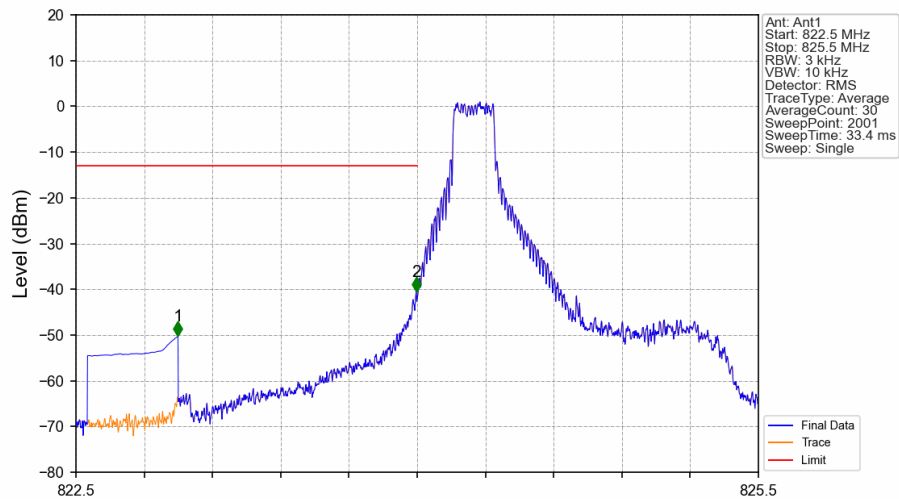


## Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.02	/	1	849.024	-40.65	-13	Pass
849	850	0.02	/	1	849.024	-40.65	-13	Pass
850	850.5	0.1	CHP	2	850.080	-44.83	-13	Pass

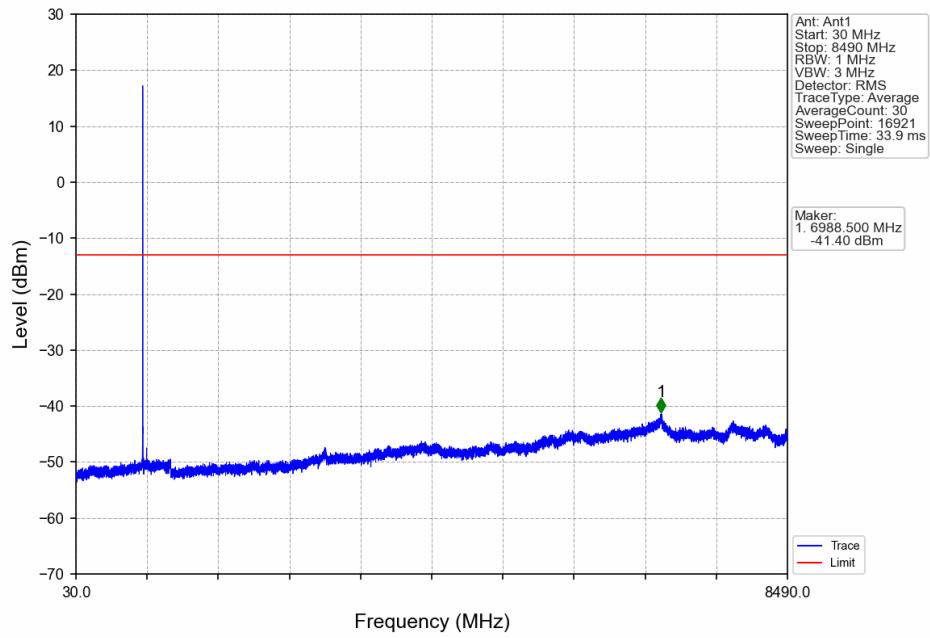
## Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



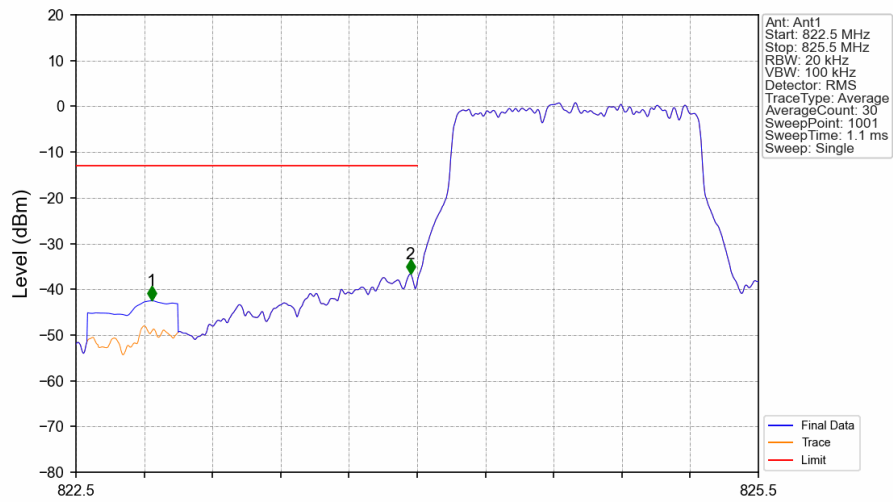
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.948	-50.26	-13	Pass
823	824	0.003	/	2	823.995	-40.56	-13	Pass
824	825.5	0.003	/	/	/	/	/	/



## Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



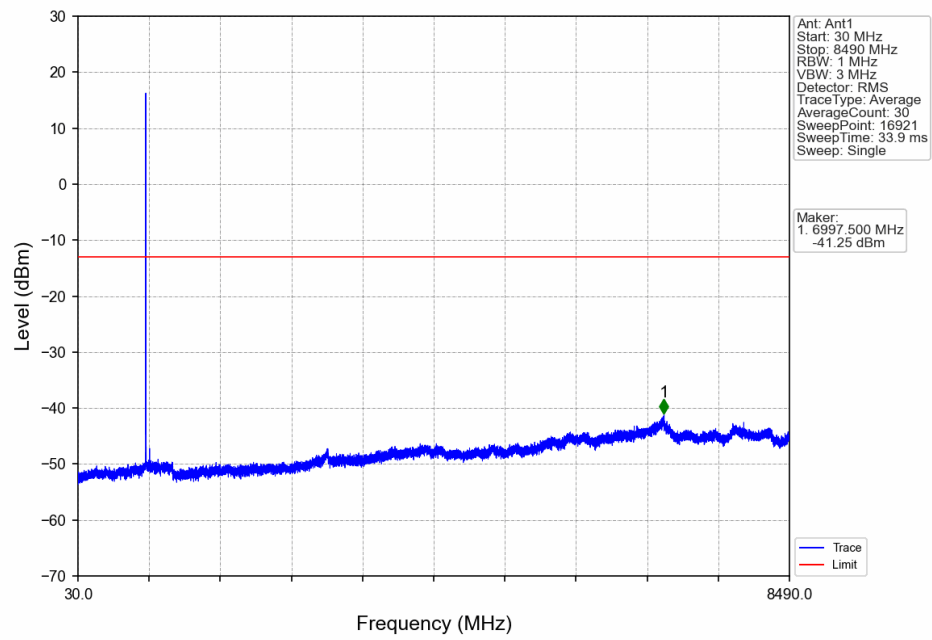
## Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



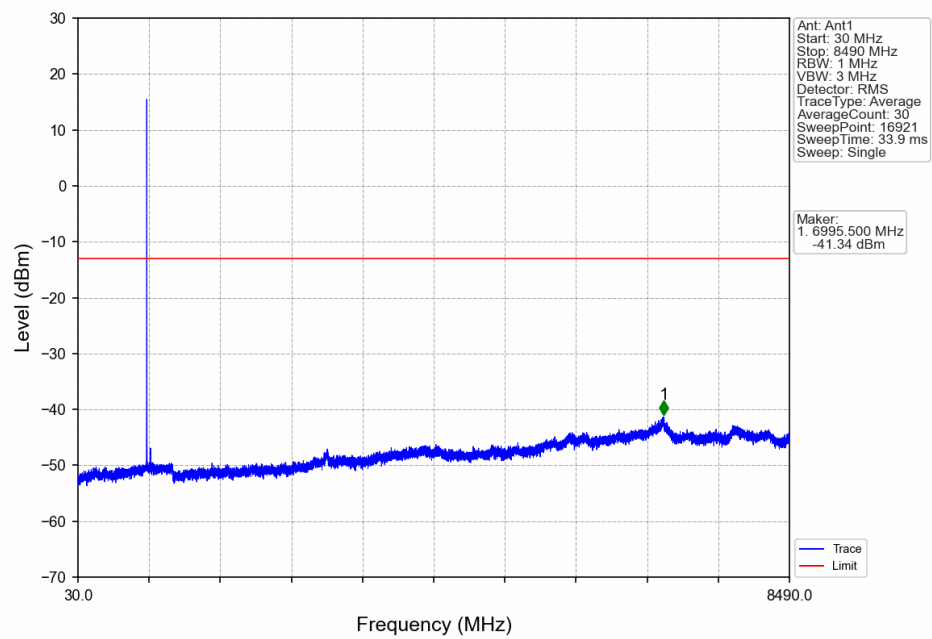
Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.833	-42.50	-13	Pass
823	824	0.02	/	2	823.970	-36.66	-13	Pass
824	825.5	0.02	/	/	/	/	/	/



Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

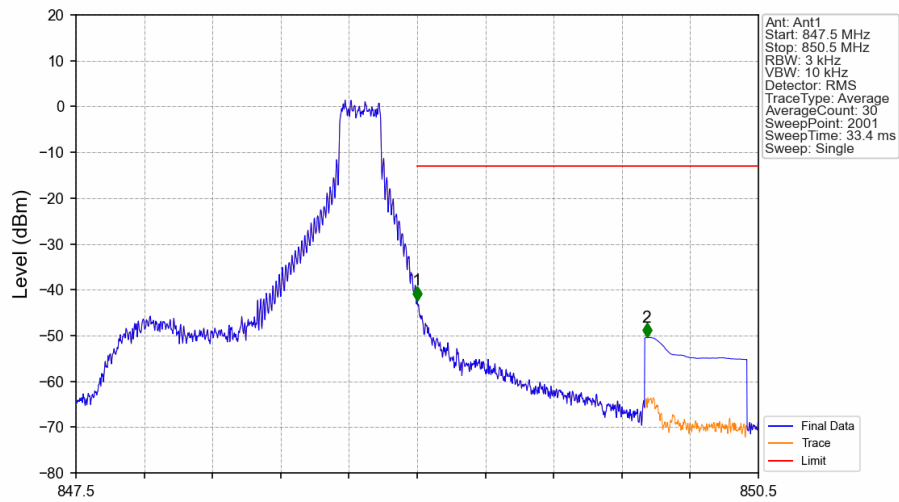


Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



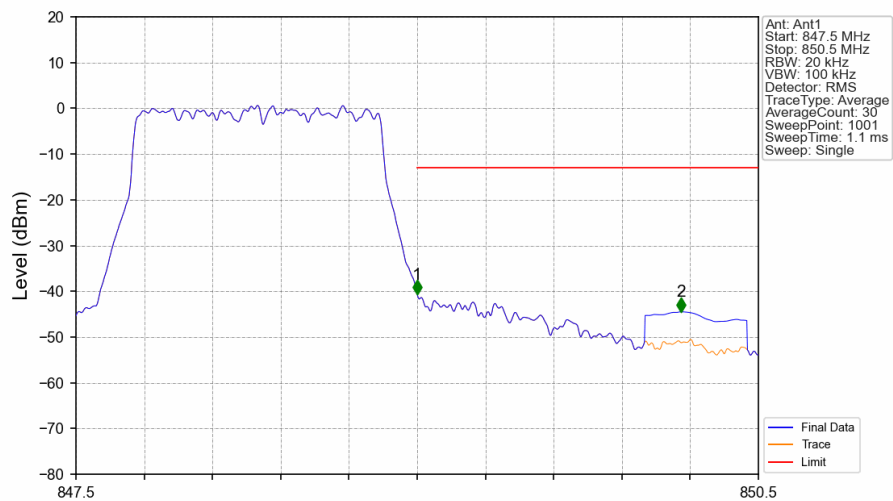


## Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_5\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	1	849.000	-42.38	-13	Pass
849	850	0.003	/	1	849.000	-42.38	-13	Pass
850	850.5	0.1	CHP	2	850.010	-50.43	-13	Pass

## Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.02	/	1	849.000	-40.63	-13	Pass
849	850	0.02	/	1	849.000	-40.63	-13	Pass
850	850.5	0.1	CHP	2	850.161	-44.48	-13	Pass



## 6.2 B5\_3MHz

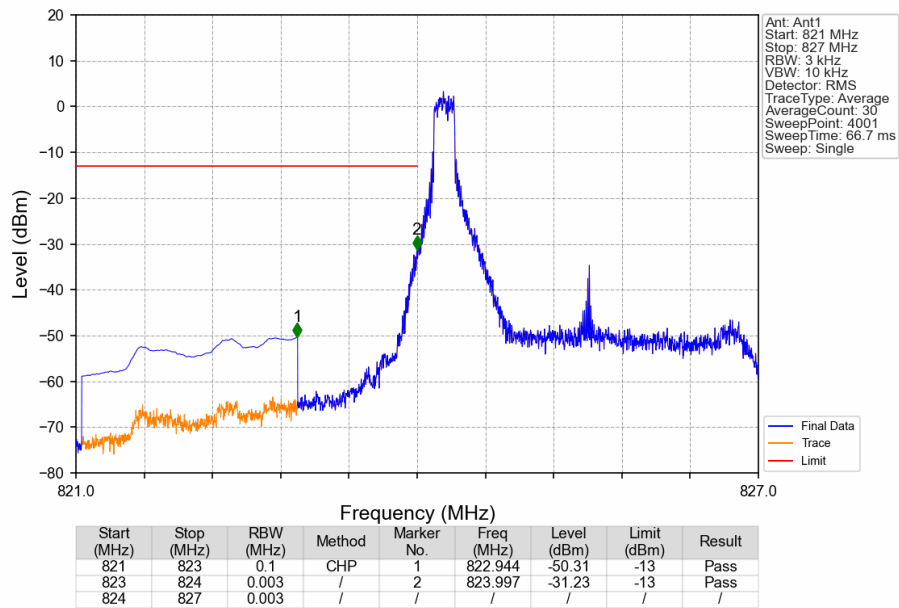
### 6.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

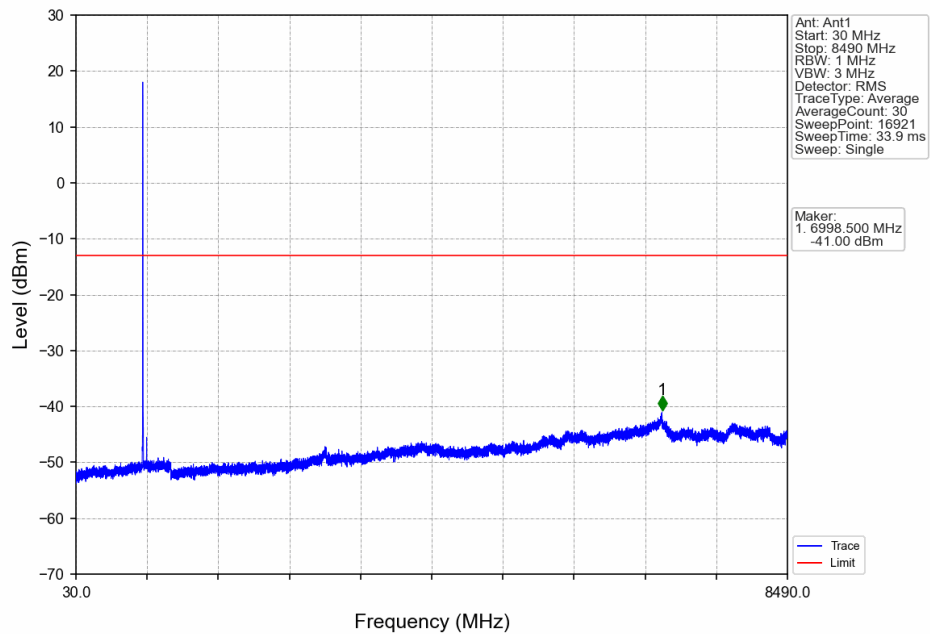


## 6.2.2 Test Graph

Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

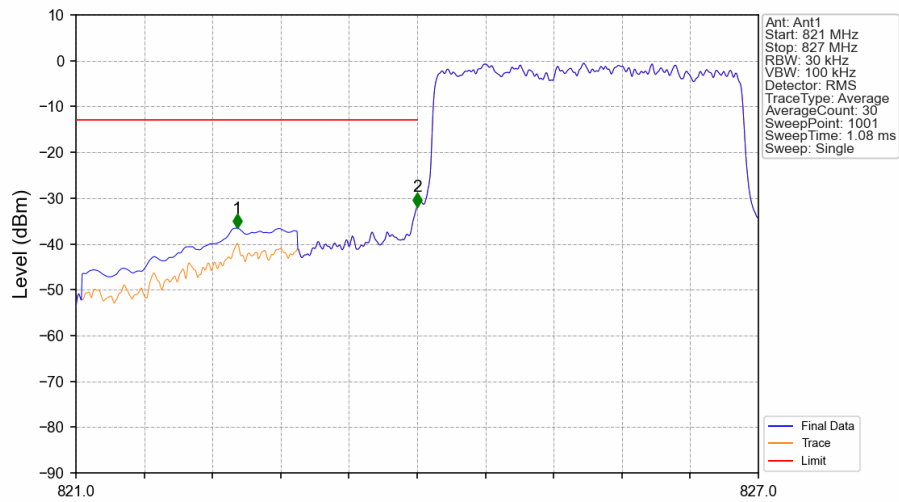


Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



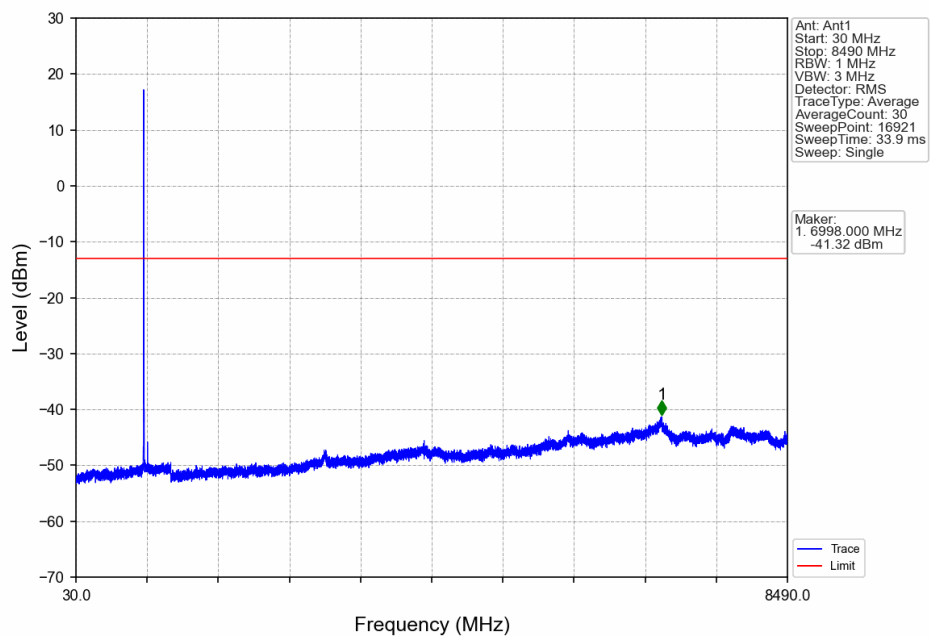


## Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



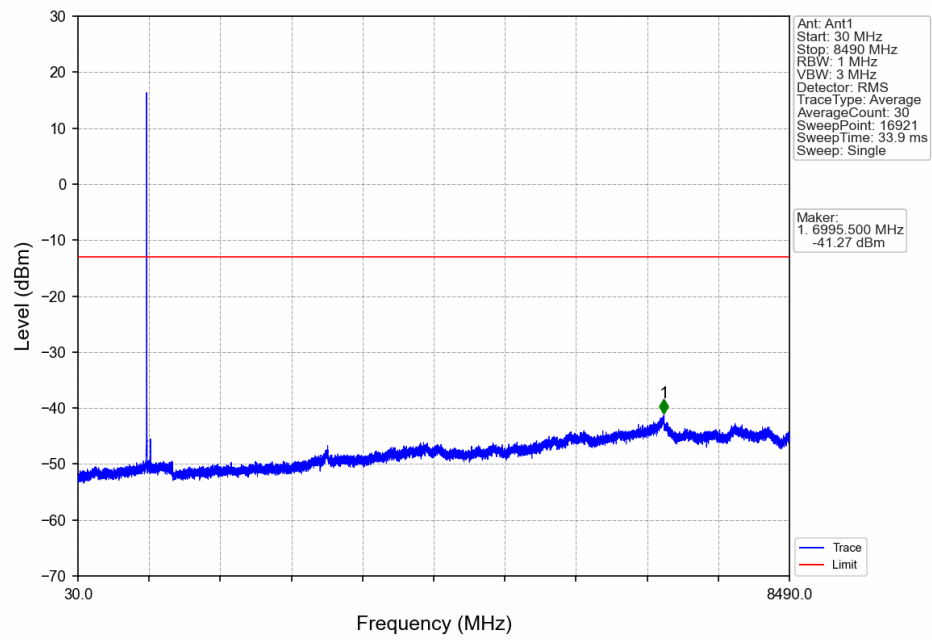
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.416	-36.54	-13	Pass
823	824	0.03	/	2	824.000	-31.89	-13	Pass
824	827	0.03	/	/	/	/	/	/

## Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

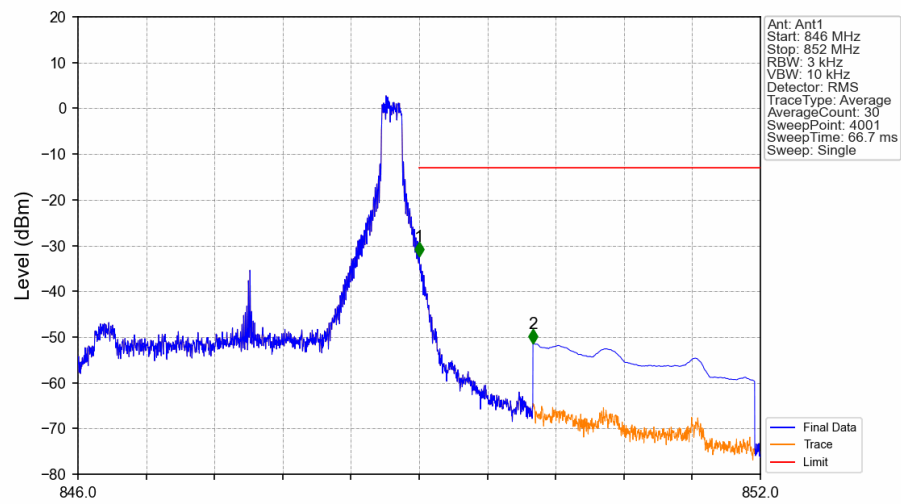




## Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



## Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_14\_NTNV

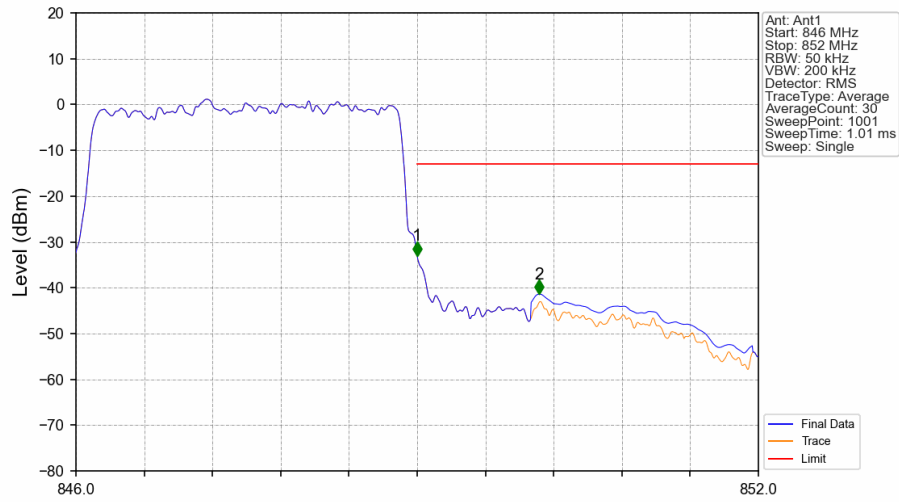


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	1	849.000	-32.38	-13	/
849	850	0.003	/	2	849.004	-51.41	-13	Pass
850	852	0.1	CHP					Pass



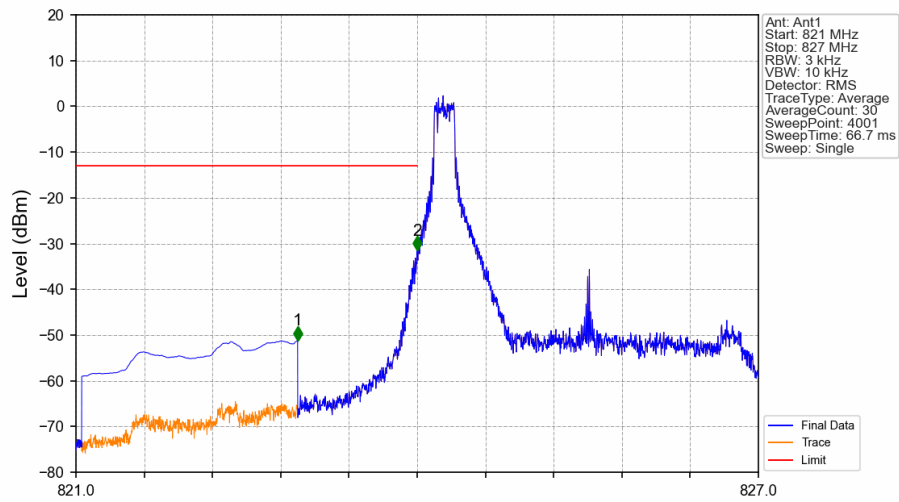


## Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.05	/	/	/	/	/	/
849	850	0.05	/	1	849.000	-33.01	-13	Pass
850	852	0.1	CHP	2	850.074	-41.42	-13	Pass

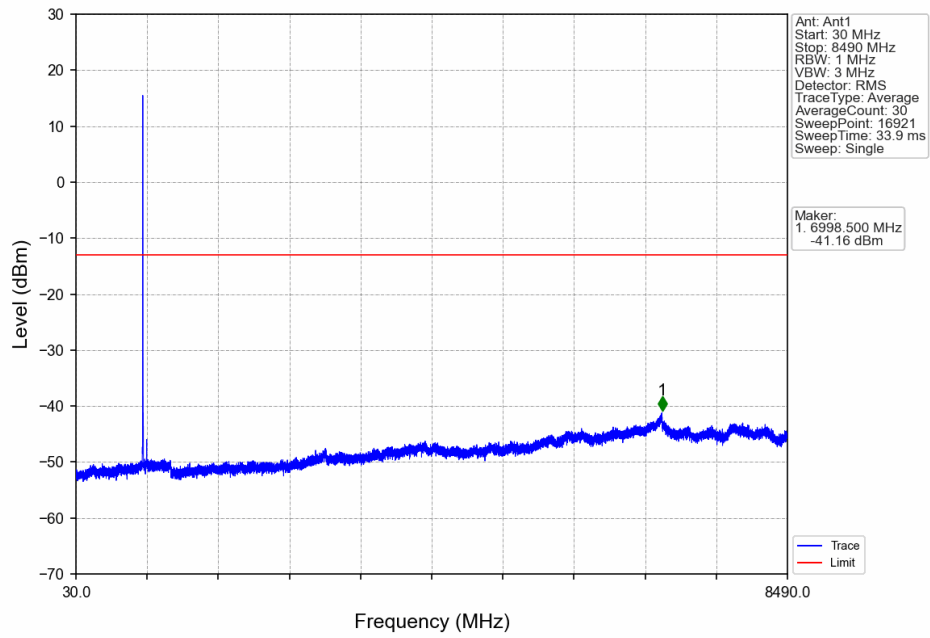
## Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



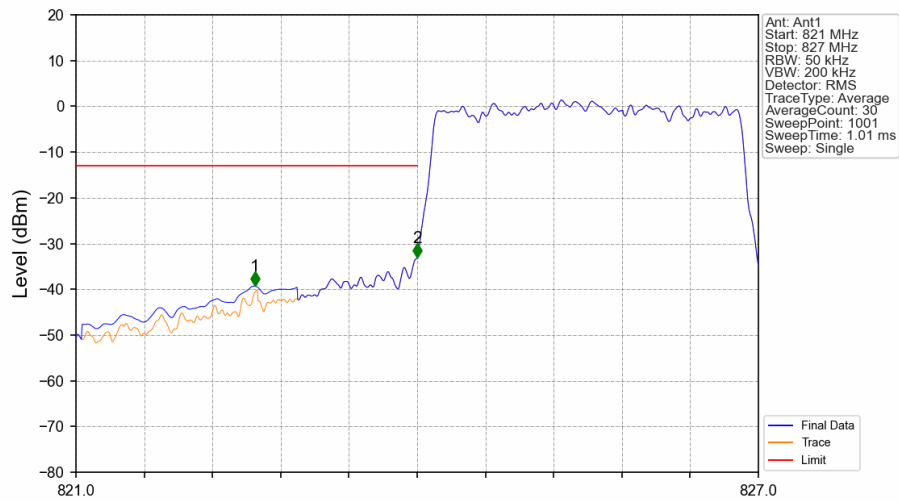
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-51.19	-13	Pass
823	824	0.003	/	2	824.000	-31.55	-13	Pass
824	827	0.003	/	/	/	/	/	/



## Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



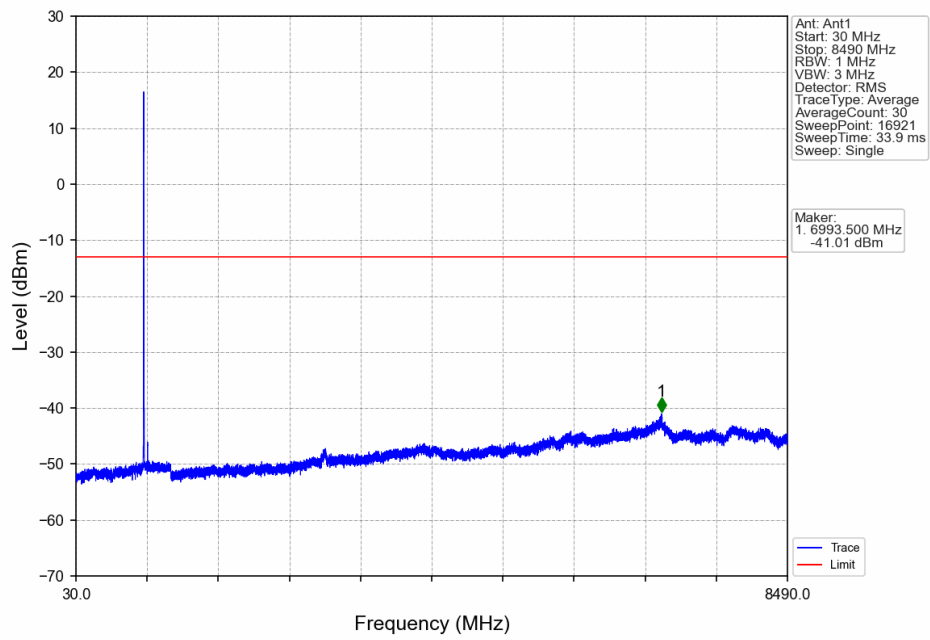
## Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



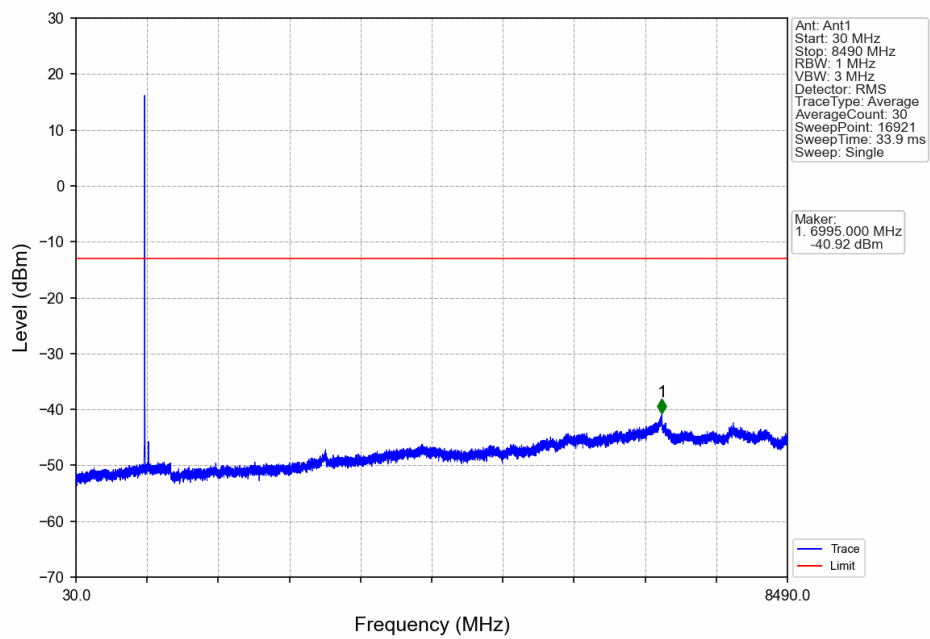
Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.572	-39.31	-13	Pass
823	824	0.05	/	2	824.000	-33.14	-13	Pass
824	827	0.05	/	/	/	/	/	/



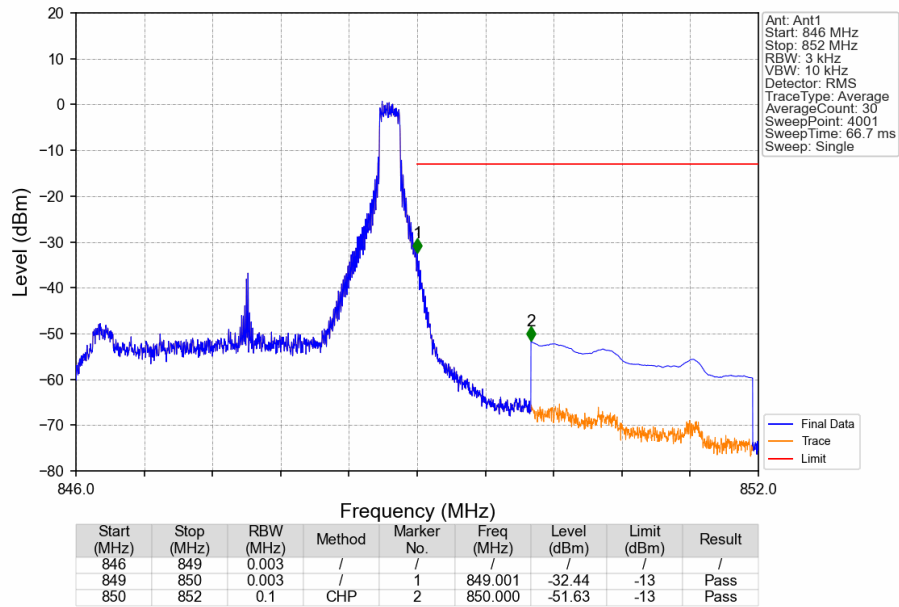
## Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



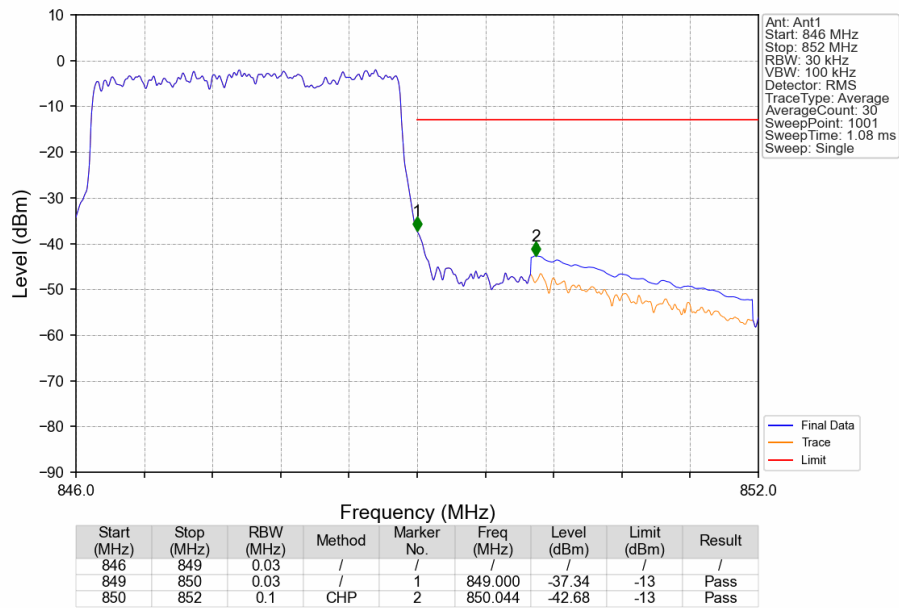
## Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



## Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



## Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV





## 6.3 B5\_5MHz

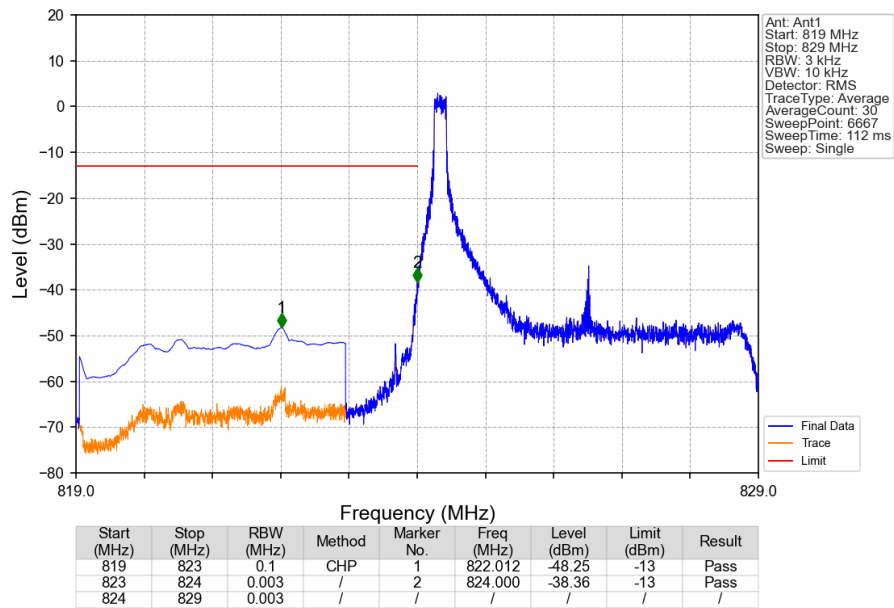
### 6.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

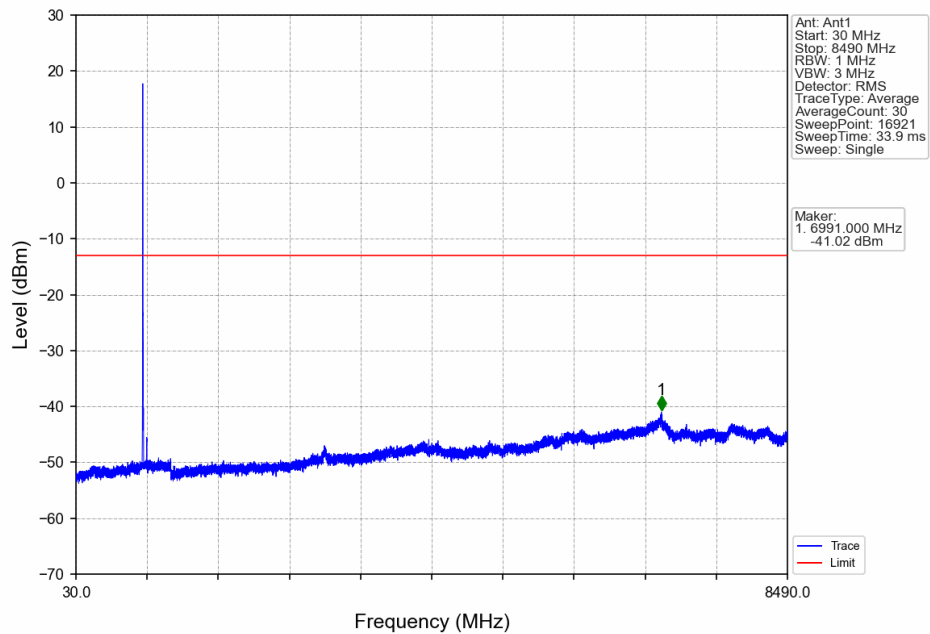


## 6.3.2 Test Graph

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

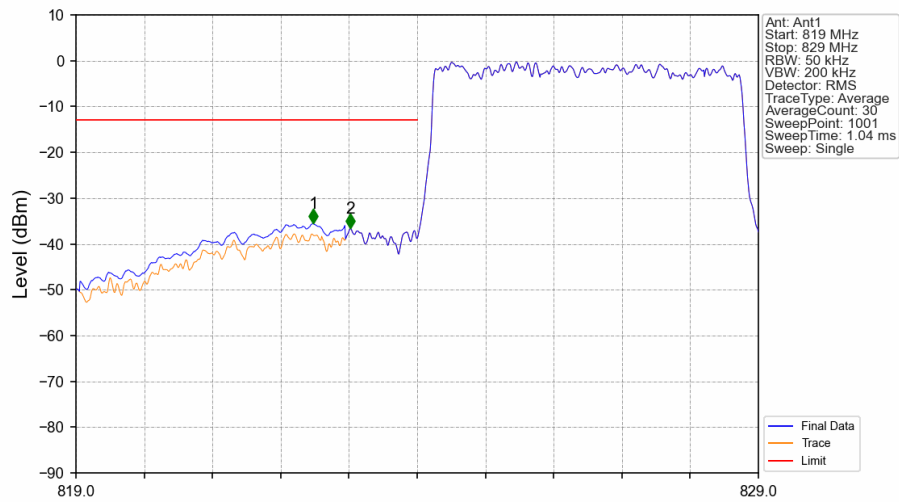


Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



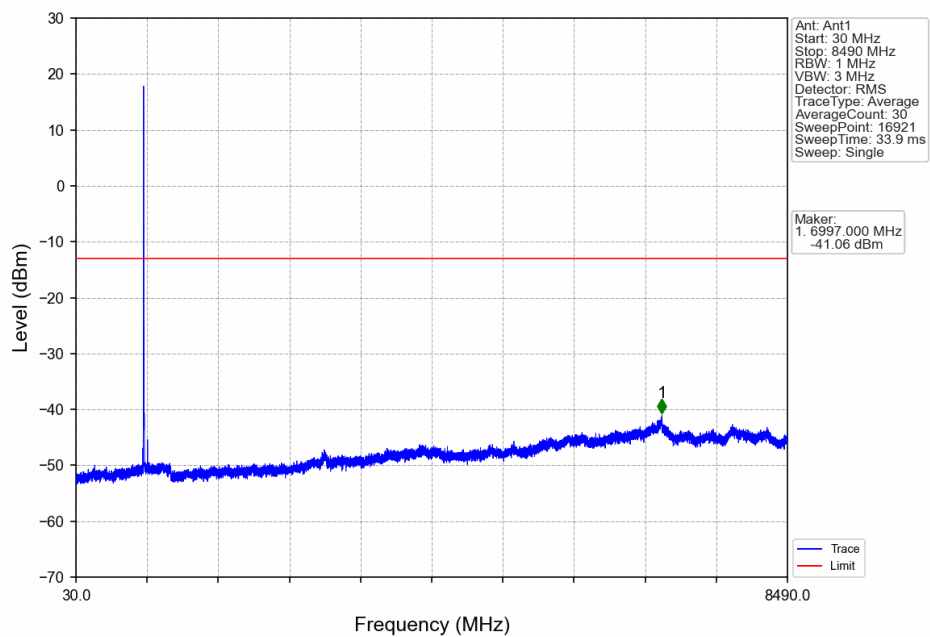


## Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



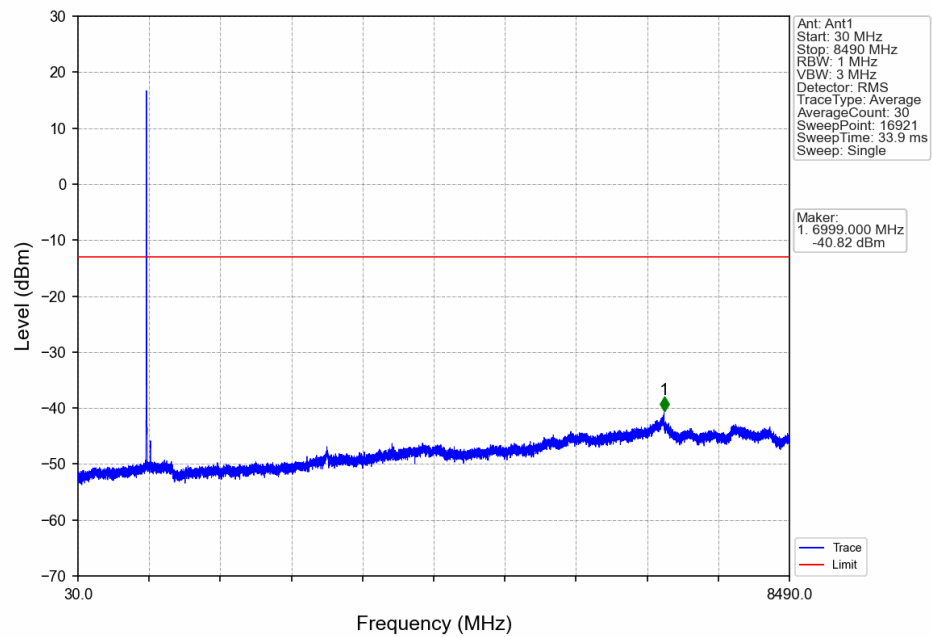
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.480	-35.52	-13	Pass
823	824	0.05	/	2	823.020	-36.64	-13	Pass
824	829	0.05	/	/	/	/	/	/

## Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

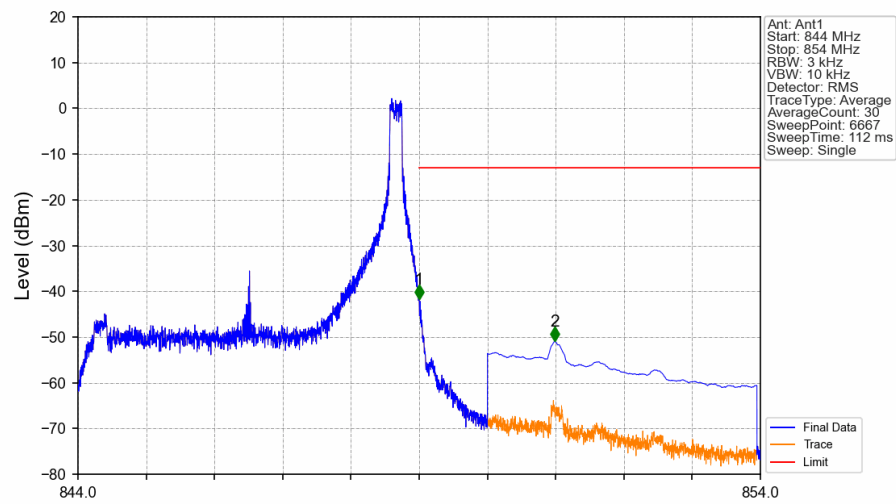




## Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



## Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_24\_NTNV

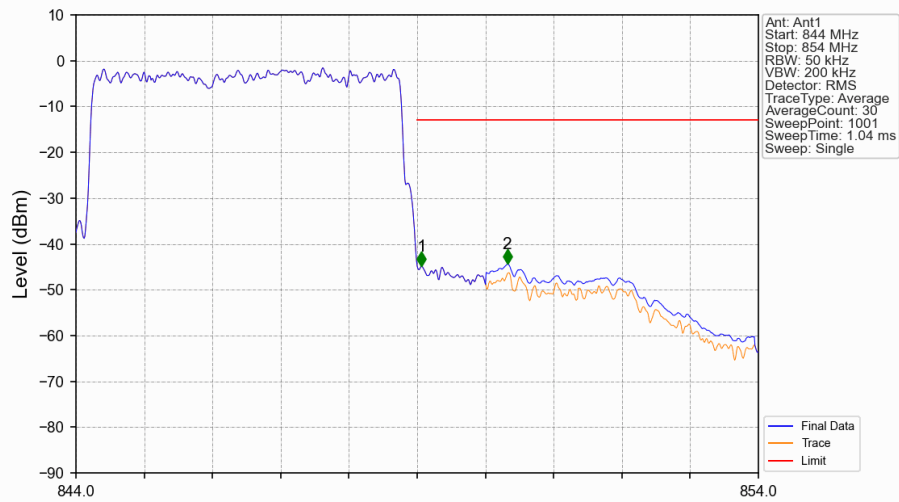


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	1	849.000	-41.77	-13	/
849	850	0.003	/	1	849.000	-41.77	-13	Pass
850	854	0.1	CHP	2	850.983	-50.95	-13	Pass



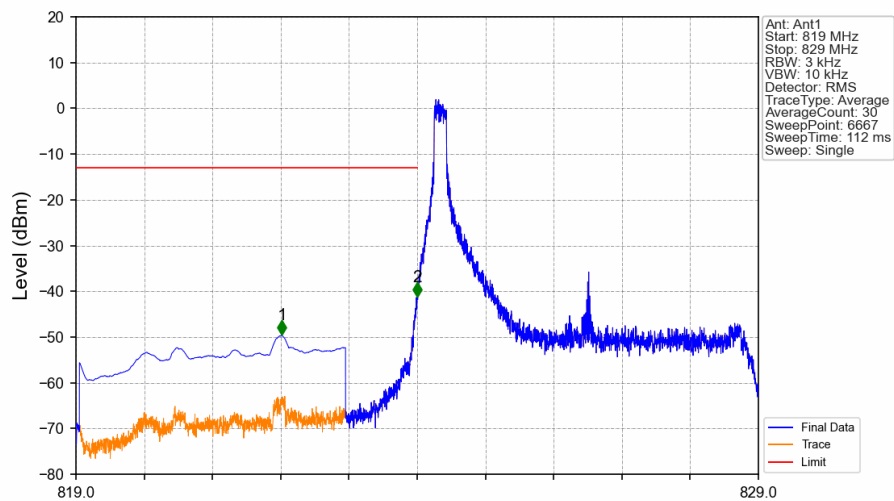


## Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	/	/	/	/	/	/
849	850	0.05	/	1	849.060	-44.84	-13	Pass
850	854	0.1	CHP	2	850.320	-44.32	-13	Pass

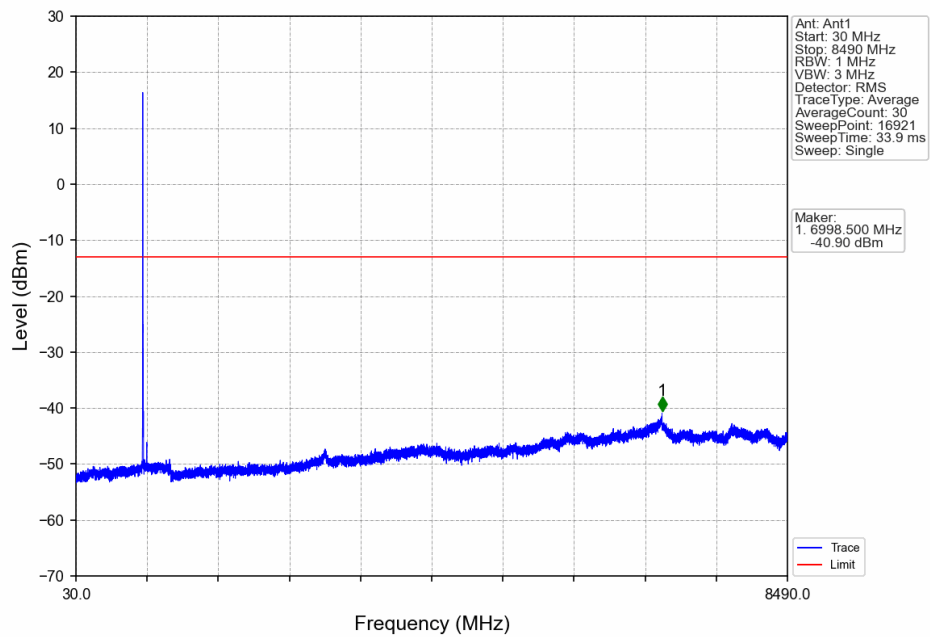
## Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



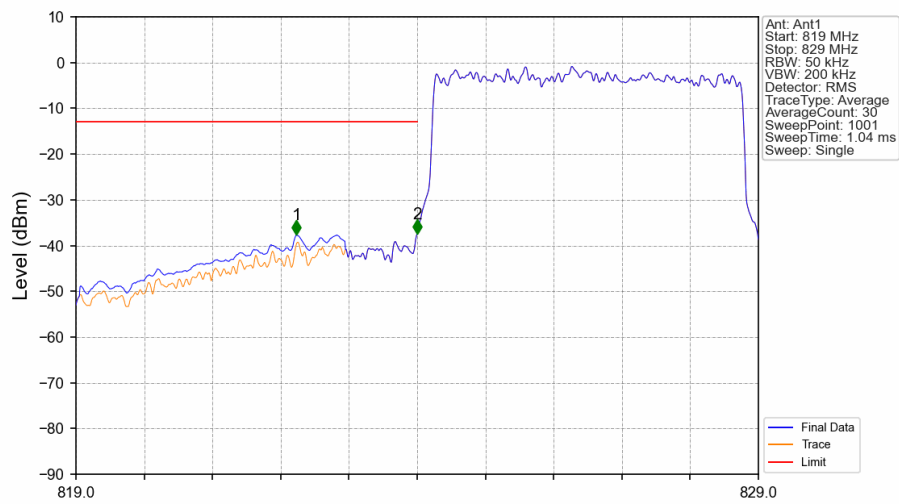
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.015	-49.56	-13	Pass
823	824	0.003	/	2	823.999	-41.17	-13	Pass
824	829	0.003	/	/	/	/	/	/



## Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



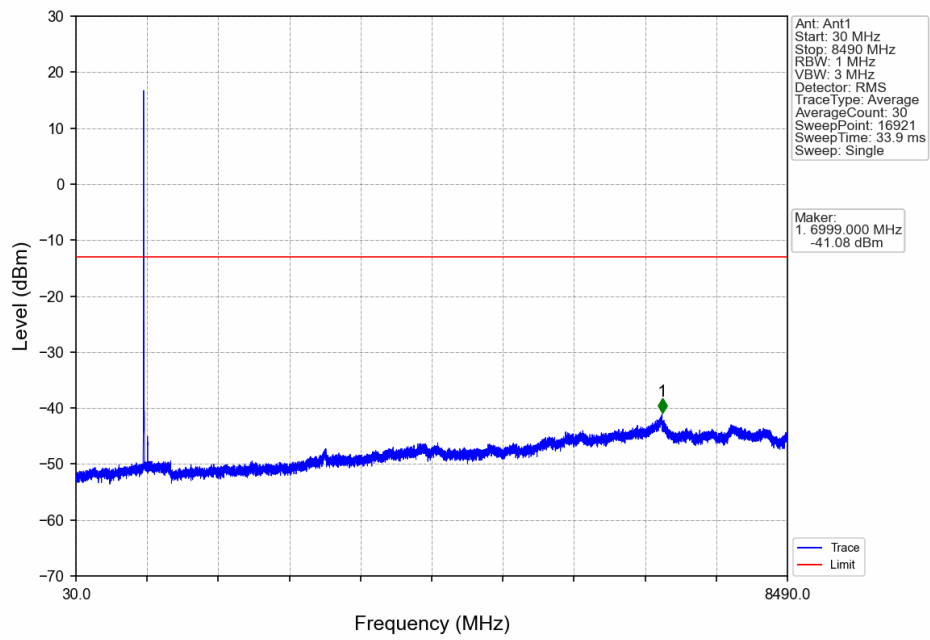
## Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



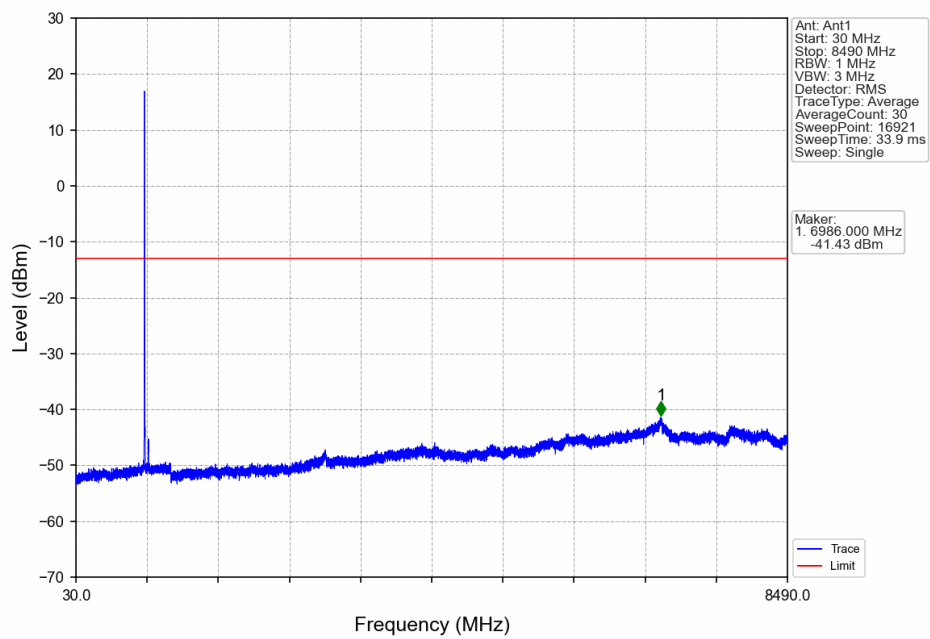
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.230	-37.64	-13	Pass
823	824	0.05	/	2	824.000	-37.42	-13	Pass
824	829	0.05	/	/	/	/	/	/



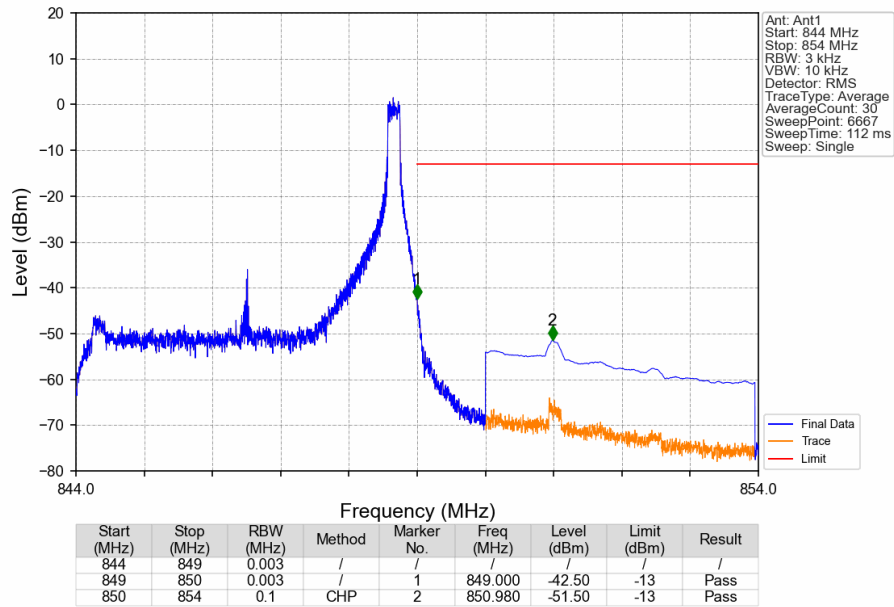
## Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



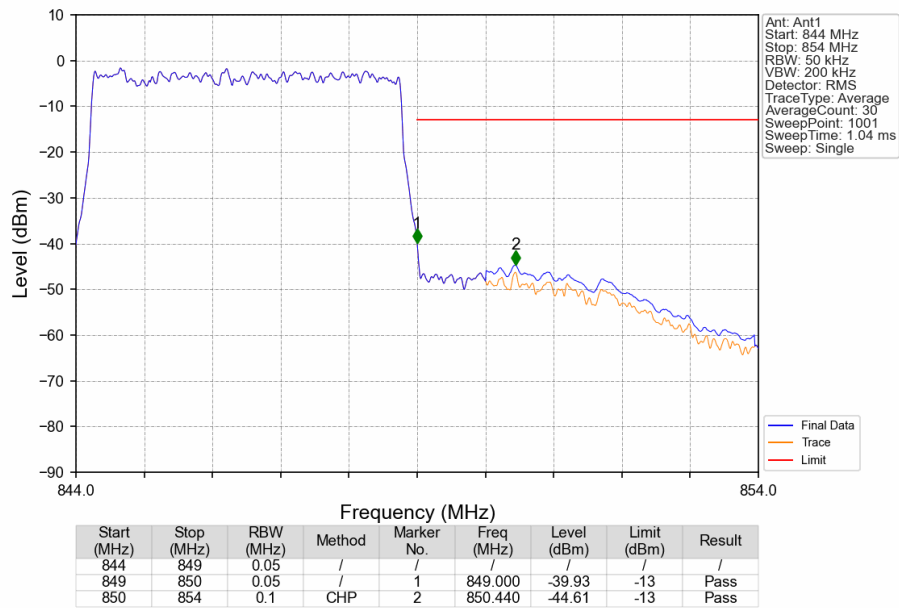
## Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



## Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



## Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV





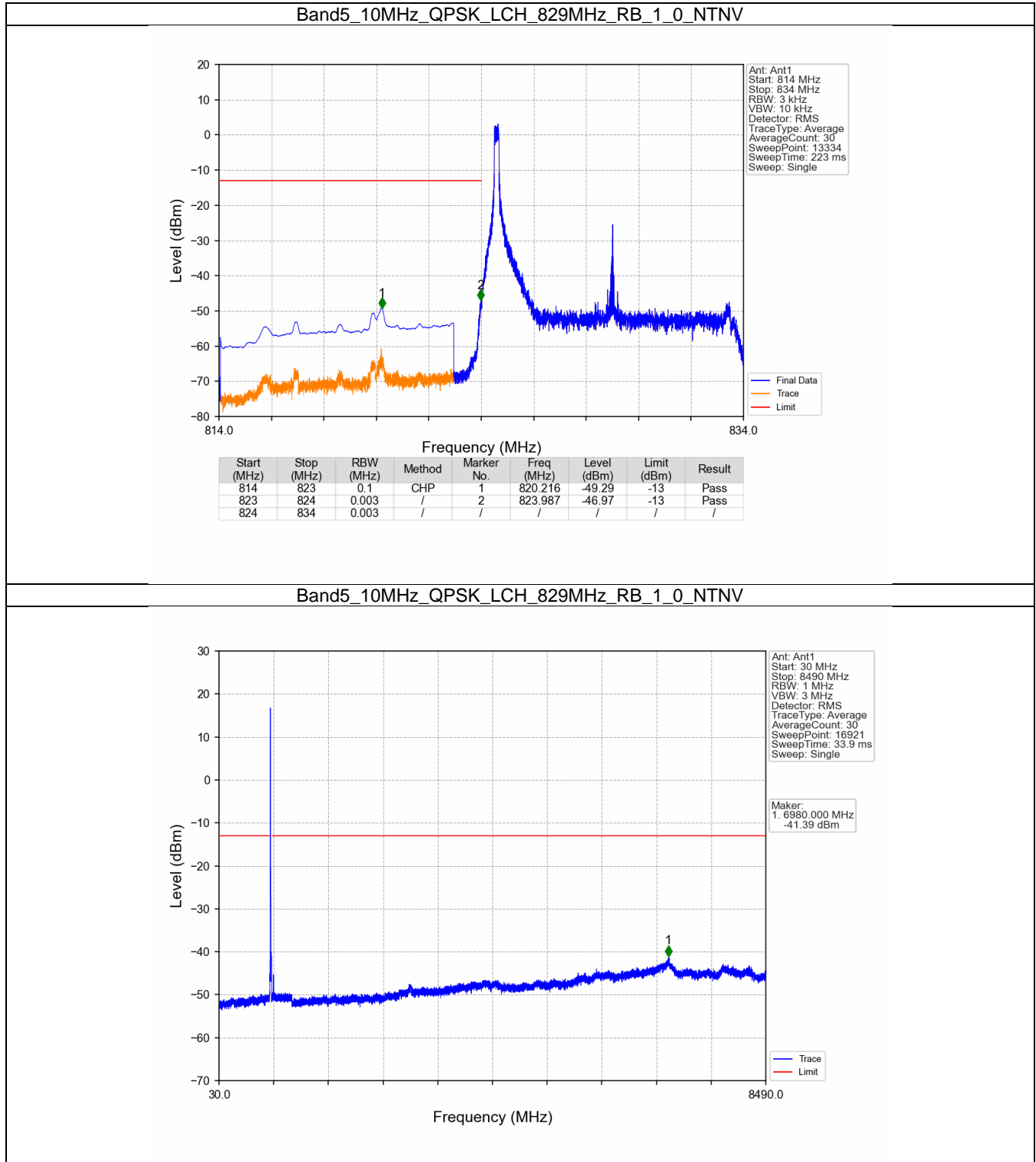
## 6.4 B5\_10MHz

### 6.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

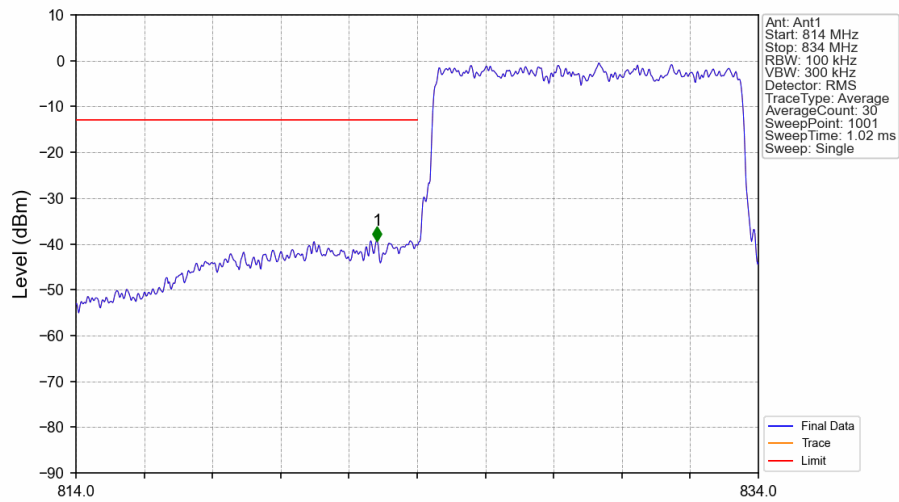


## 6.4.2 Test Graph



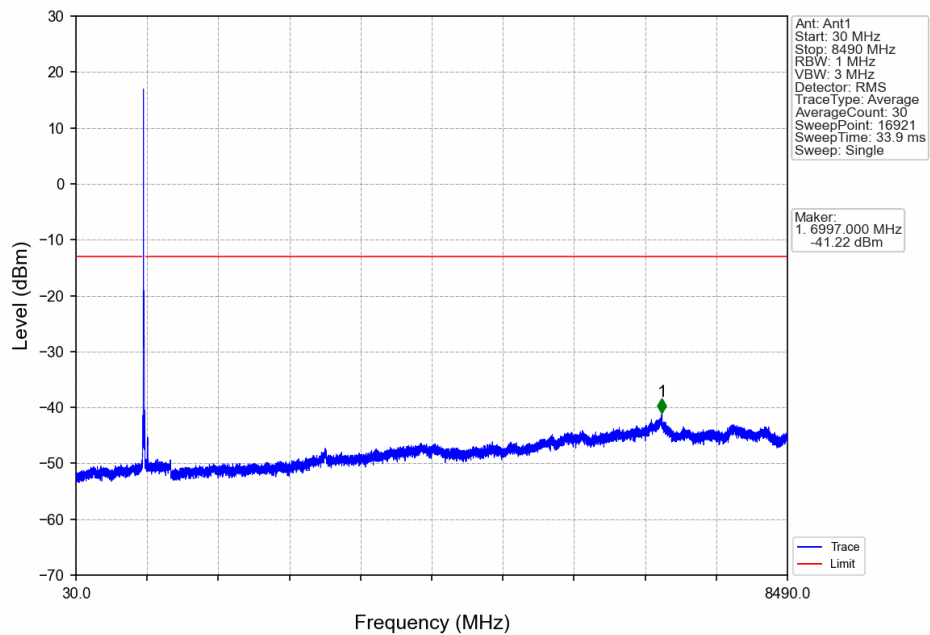


## Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



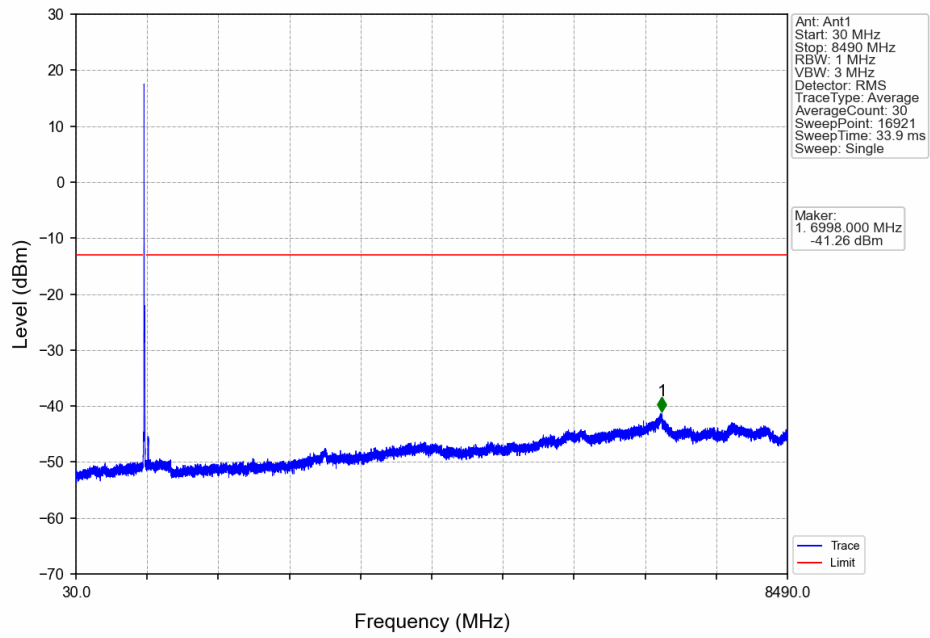
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	822.820	-39.31	-13	Pass
824	834	0.1	/	/	/	/	/	/

## Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

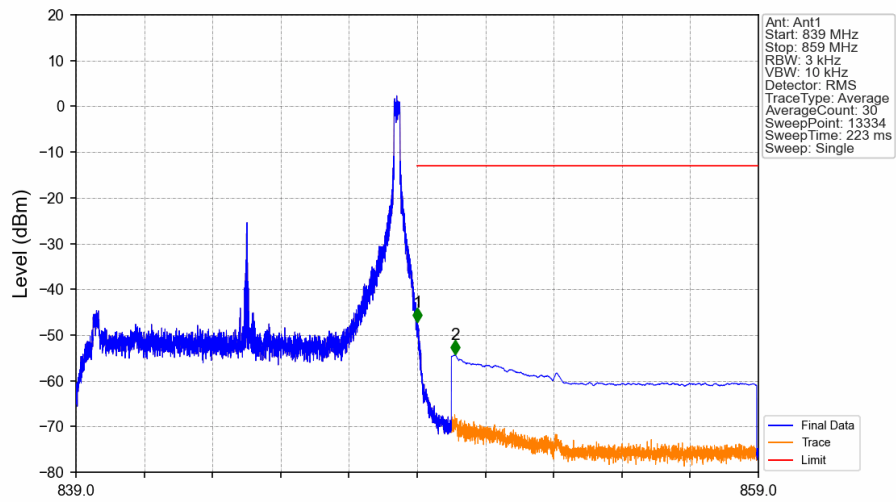




## Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV



## Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_49\_NTNV

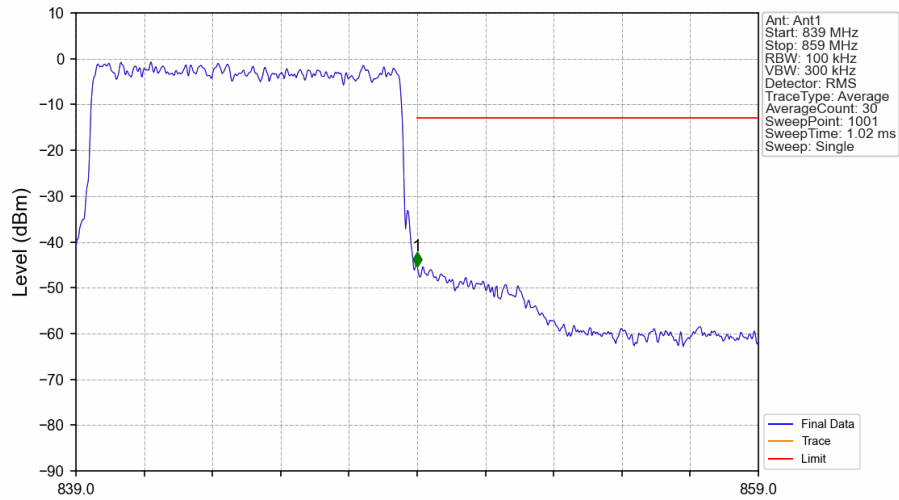


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	1	849.010	-47.26	-13	/
849	850	0.003	/	2	850.117	-54.32	-13	Pass
850	859	0.1	CHP					Pass



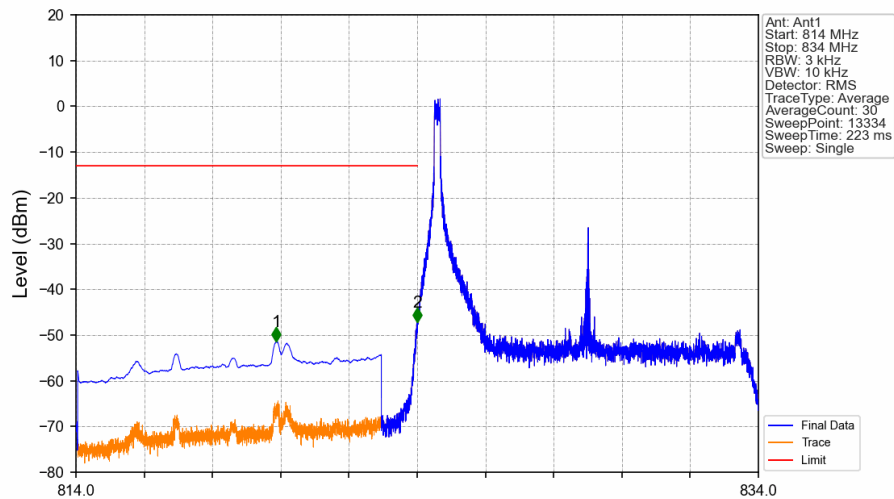


## Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-45.31	-13	Pass

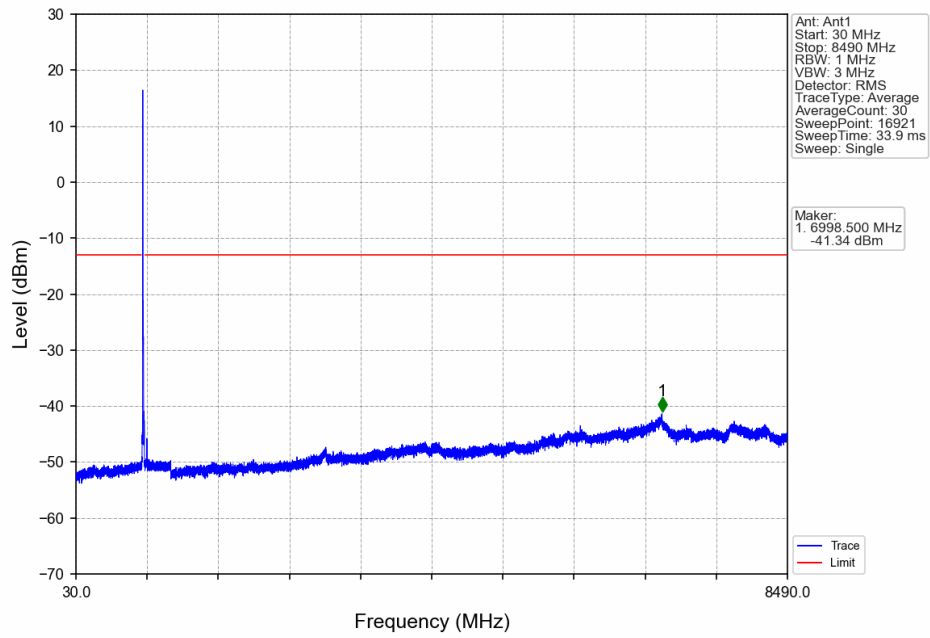
## Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



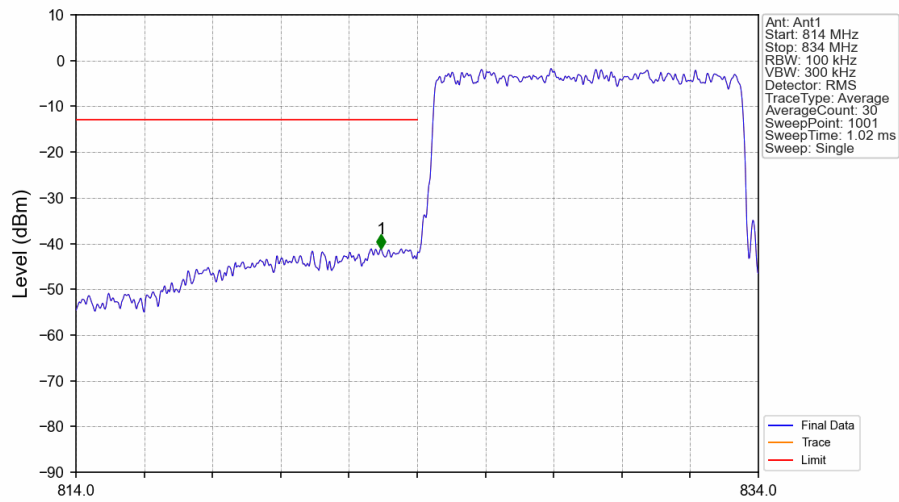
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	819.873	-51.42	-13	Pass
823	824	0.003	/	2	823.999	-47.19	-13	Pass
824	834	0.003	/	/	/	/	/	/



## Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



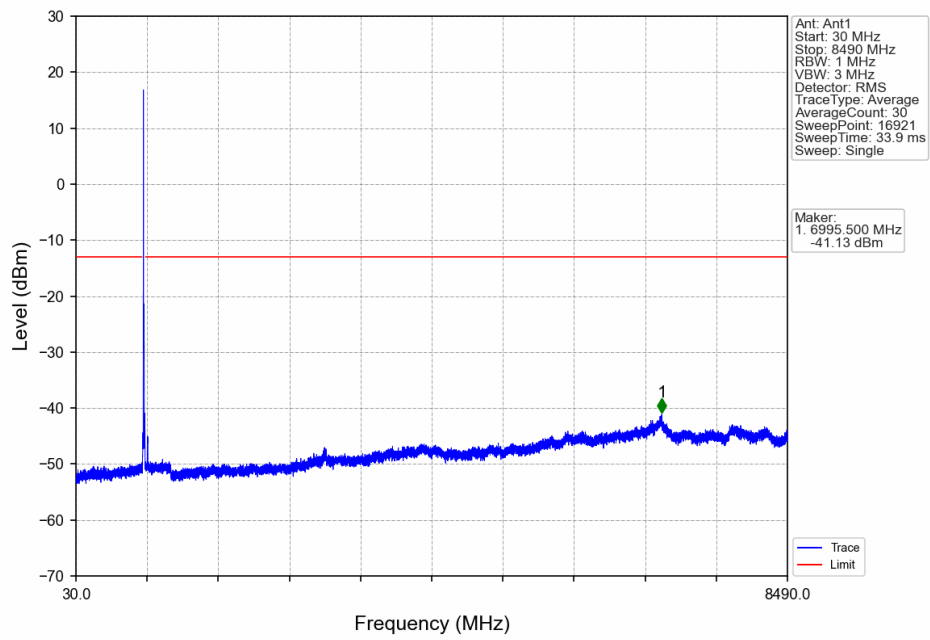
## Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



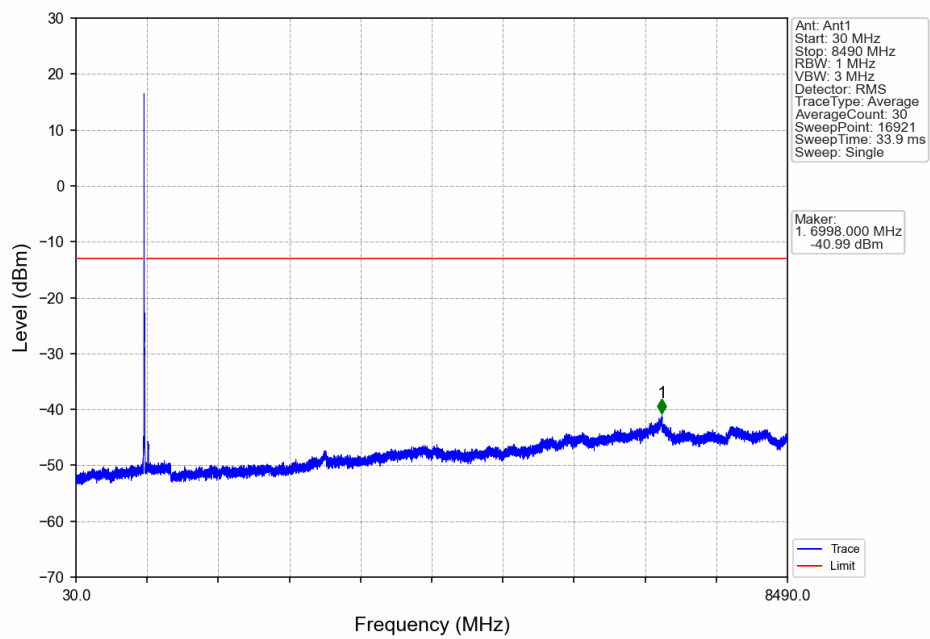
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	822.940	-41.15	-13	Pass
824	834	0.1	/	/	/	/	/	/



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

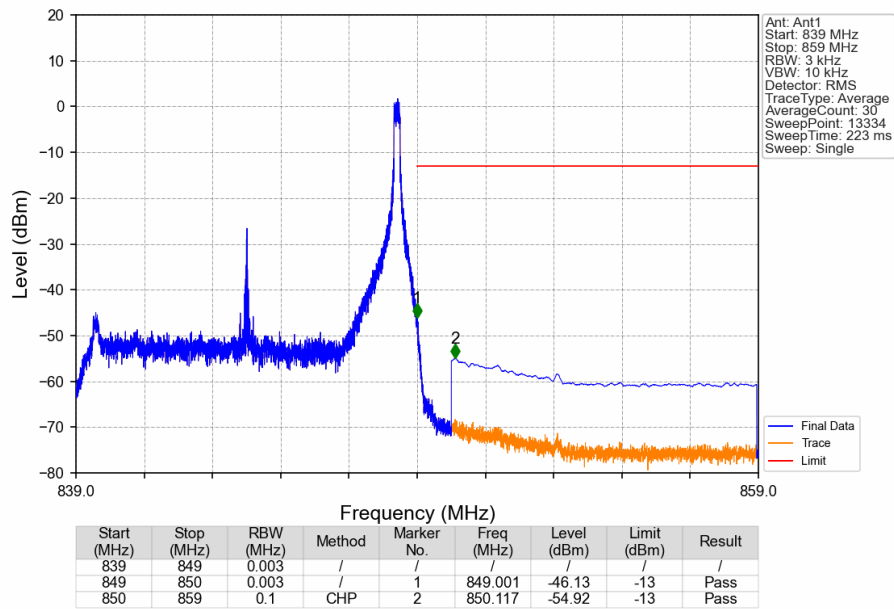


Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV

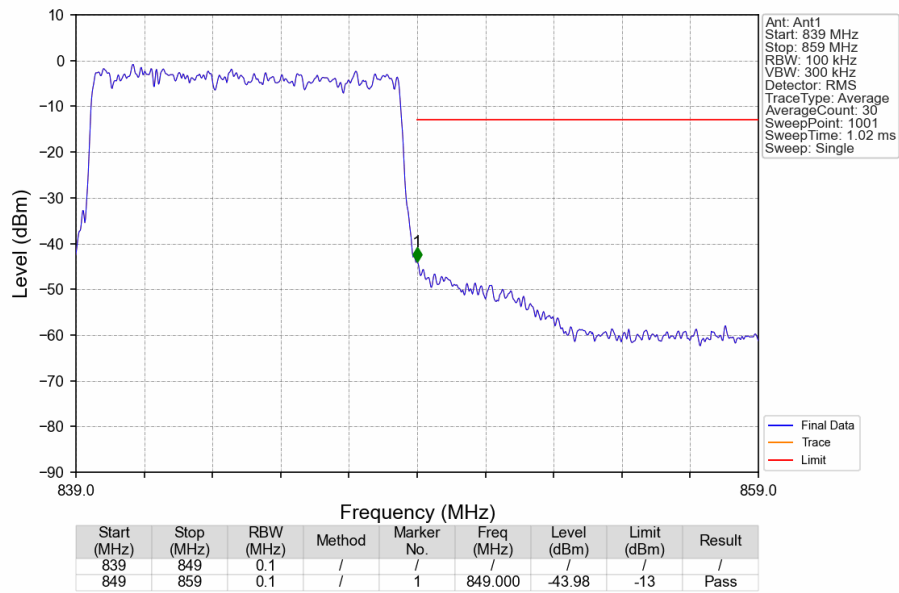




## Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



## Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV





## 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)
5	1.4	824.7	848.3	0.2249	0.0108	ppm	1M11G7D	22H	23.52
5	1.4	824.7	848.3	0.1832	0.0130	ppm	1M10W7D	22H	22.63
5	3	825.5	847.5	0.2178	0.0114	ppm	2M74G7D	22H	23.38
5	3	825.5	847.5	0.1950	0.0128	ppm	2M72W7D	22H	22.90
5	5	826.5	846.5	0.2307	0.0117	ppm	4M52G7D	22H	23.63
5	5	826.5	846.5	0.1936	0.0129	ppm	4M53W7D	22H	22.87
5	10	829	844	0.2270	0.0095	ppm	9M05G7D	22H	23.56
5	10	829	844	0.2037	0.0098	ppm	9M02W7D	22H	23.09

### 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)
5	1.4	824.7	848.3	0.2023	0.0108	ppm	1M11G7D	22H	23.06
5	1.4	824.7	848.3	0.1648	0.0130	ppm	1M10W7D	22H	22.17
5	3	825.5	847.5	0.1959	0.0114	ppm	2M74G7D	22H	22.92
5	3	825.5	847.5	0.1754	0.0128	ppm	2M72W7D	22H	22.44
5	5	826.5	846.5	0.2075	0.0117	ppm	4M52G7D	22H	23.17
5	5	826.5	846.5	0.1742	0.0129	ppm	4M53W7D	22H	22.41
5	10	829	844	0.2042	0.0095	ppm	9M05G7D	22H	23.10
5	10	829	844	0.1832	0.0098	ppm	9M02W7D	22H	22.63