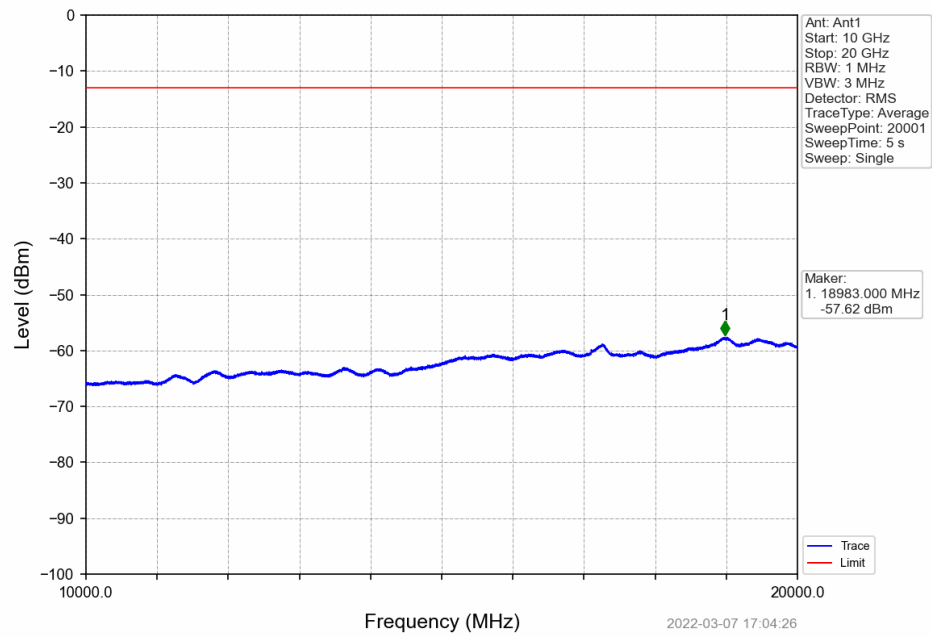
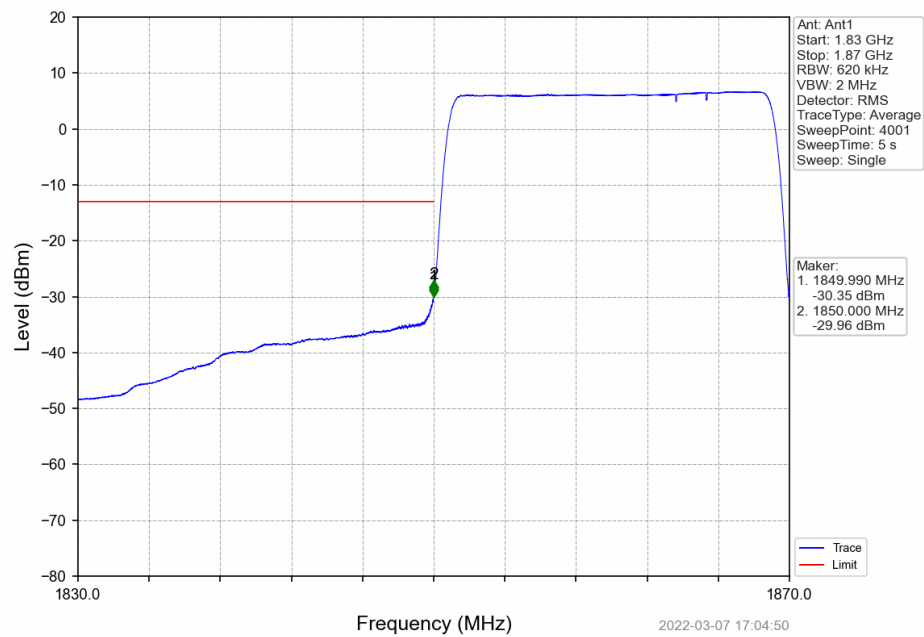


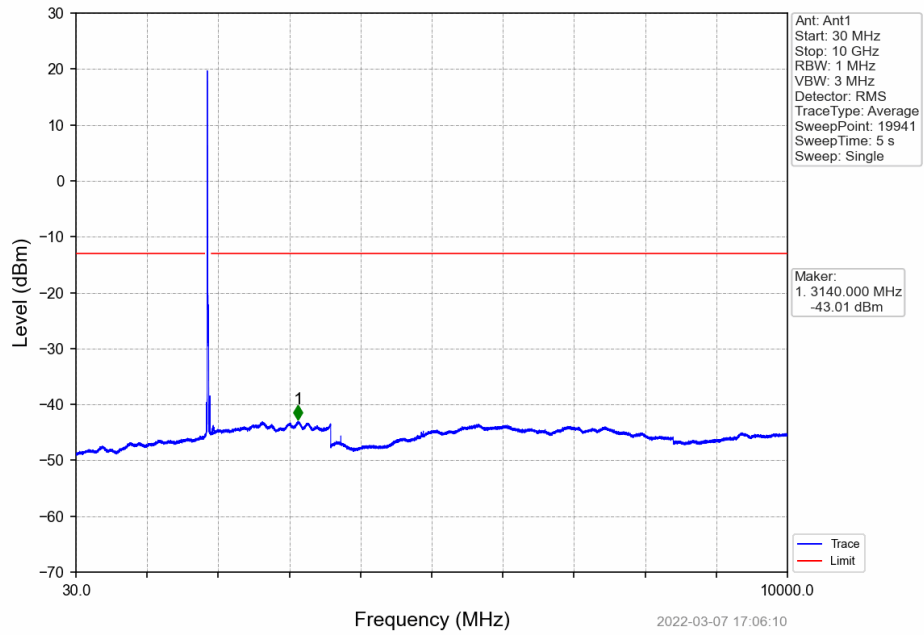
# Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



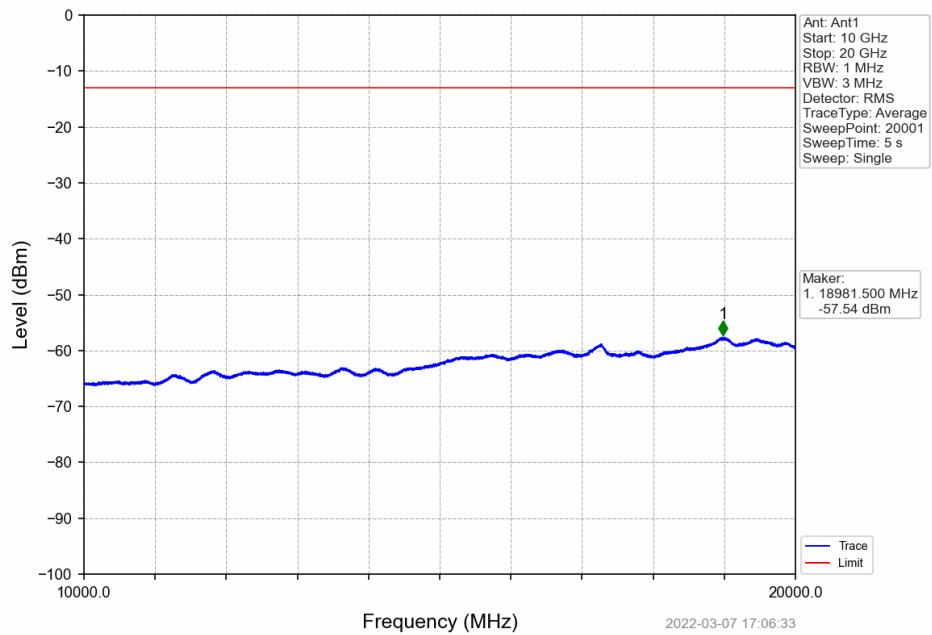
# Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



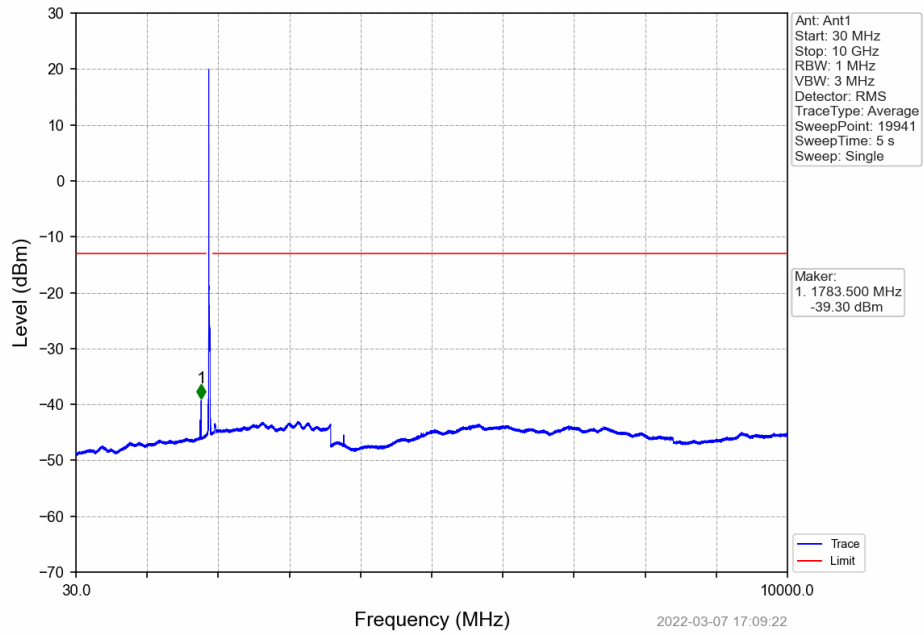
# Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



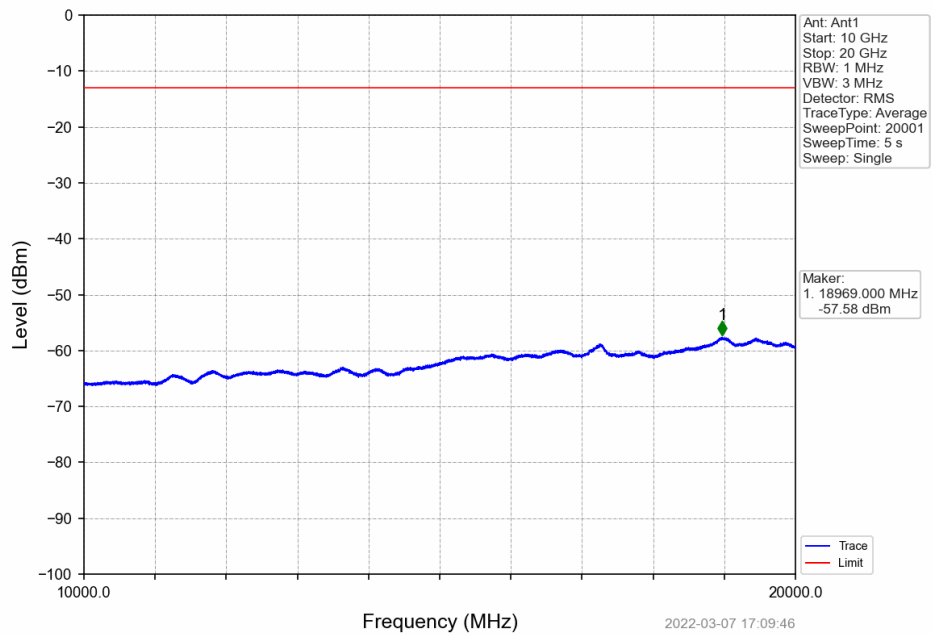
# Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



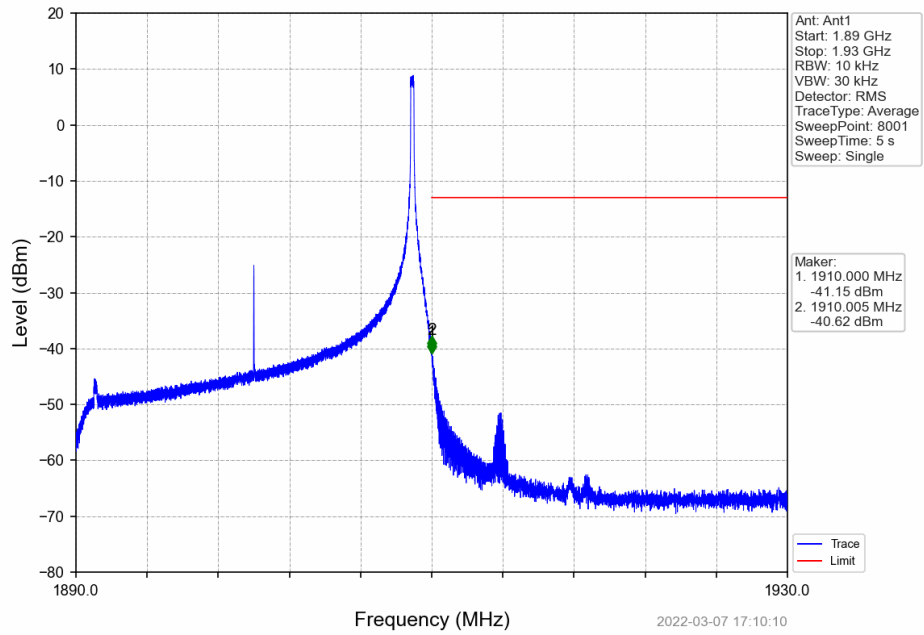
# Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



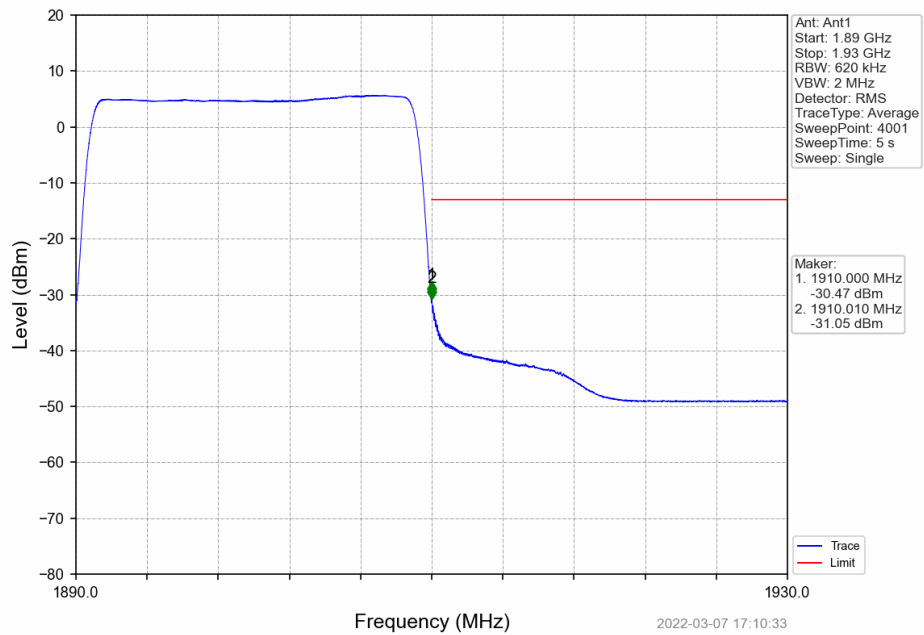
# Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_99\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



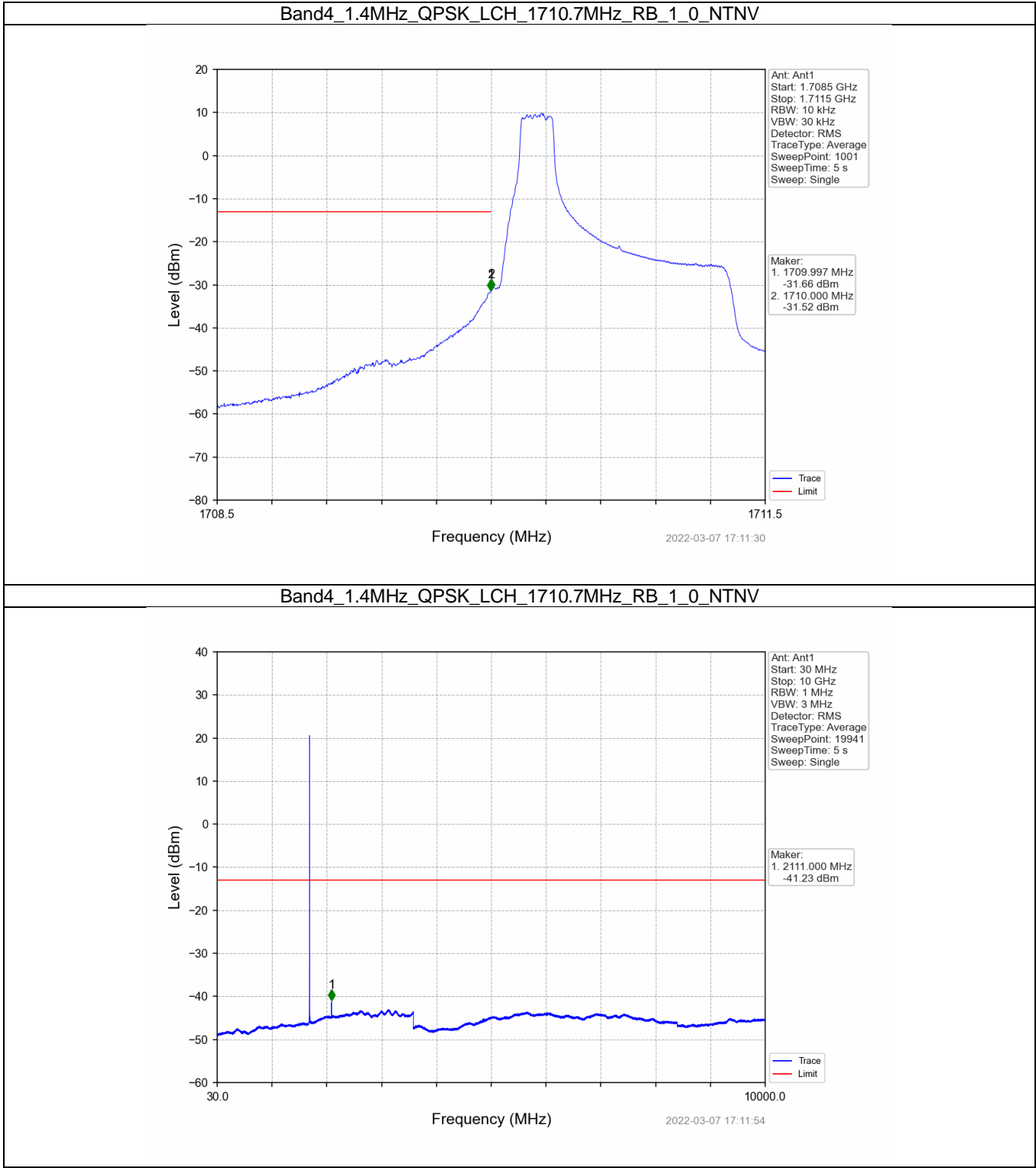
## 2. Spurious Emission

### 2.1 B4\_1.4MHz

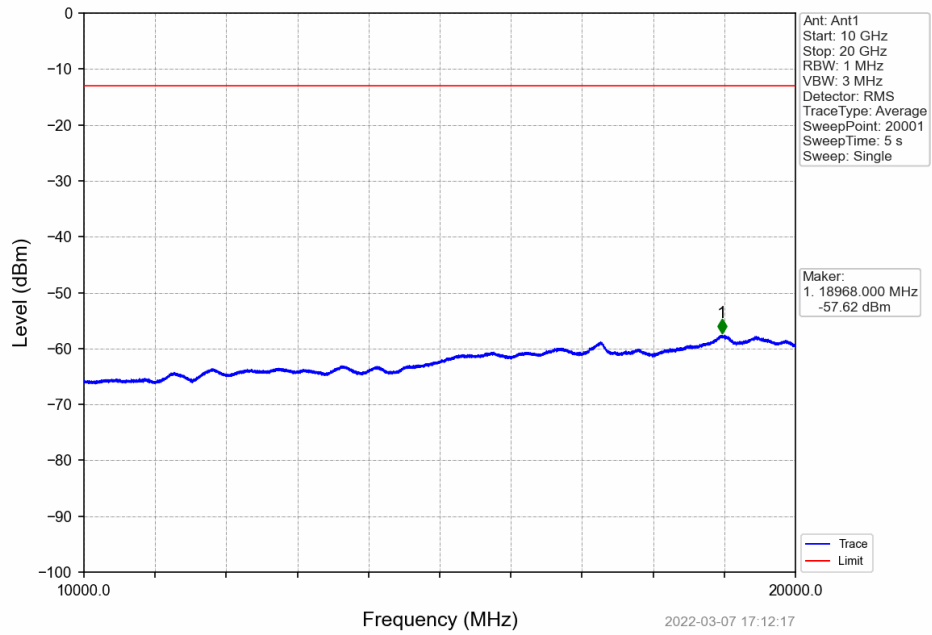
#### 2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

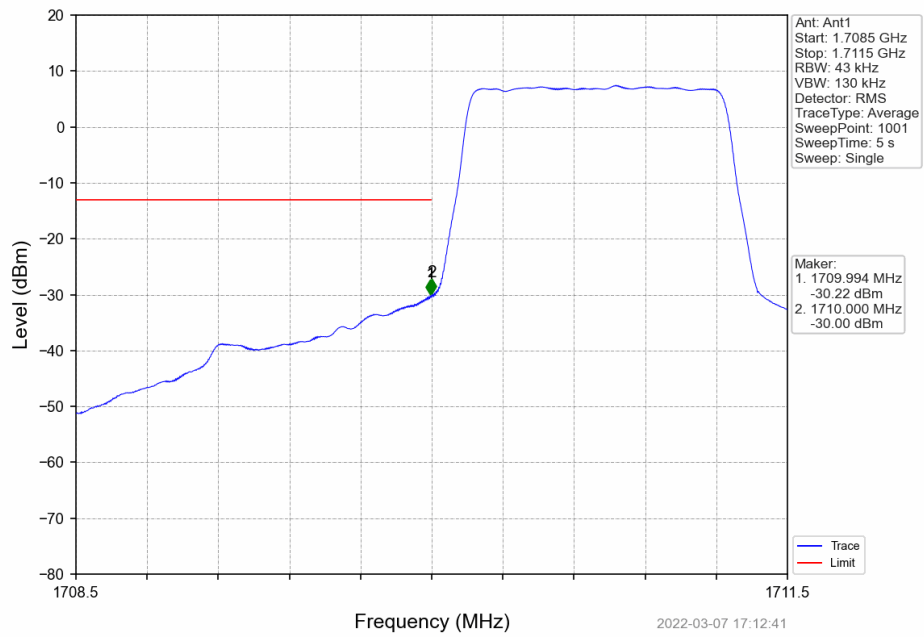
2.1.2 Test Graph



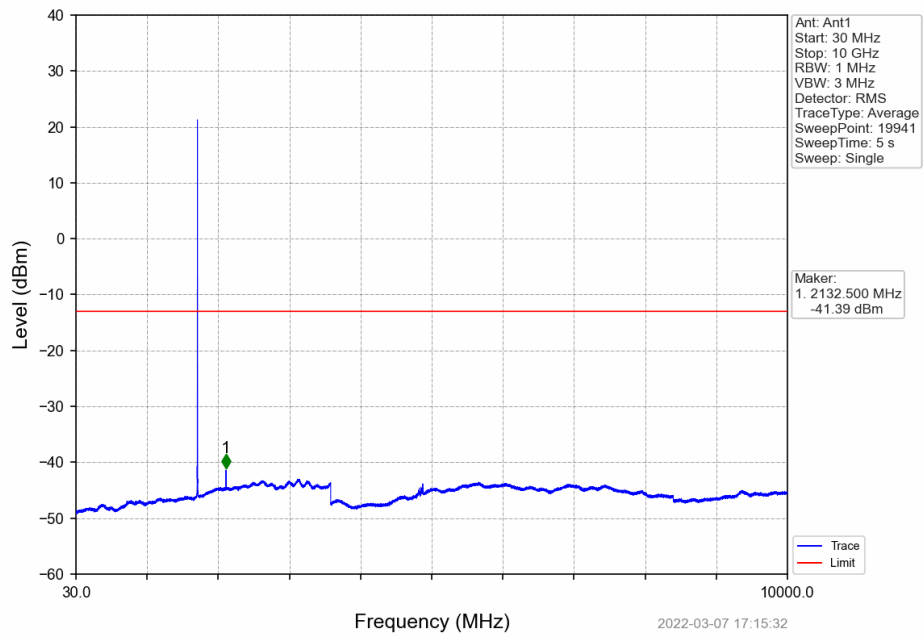
# Band4\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



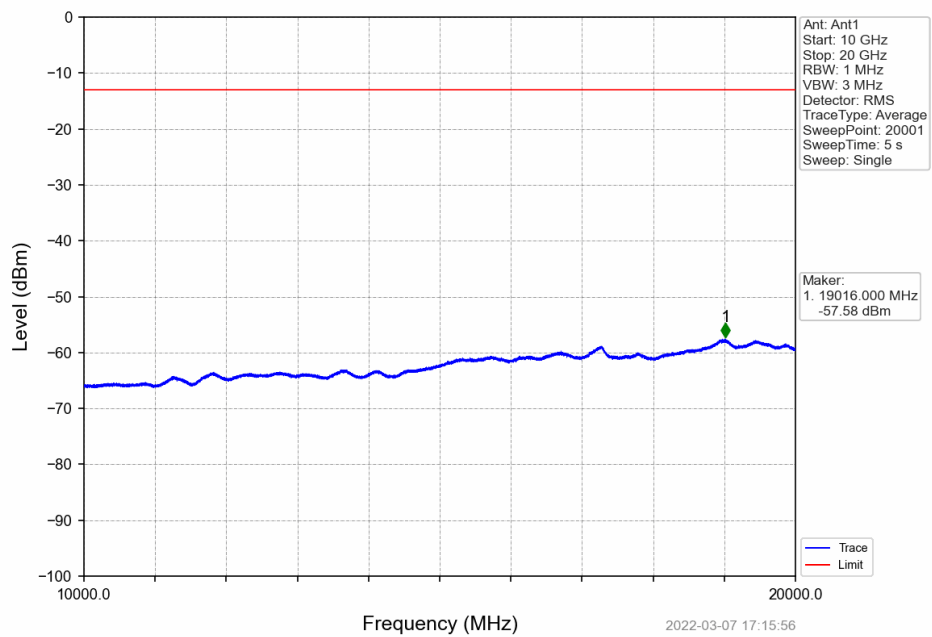
# Band4\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



# Band4\_1.4MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

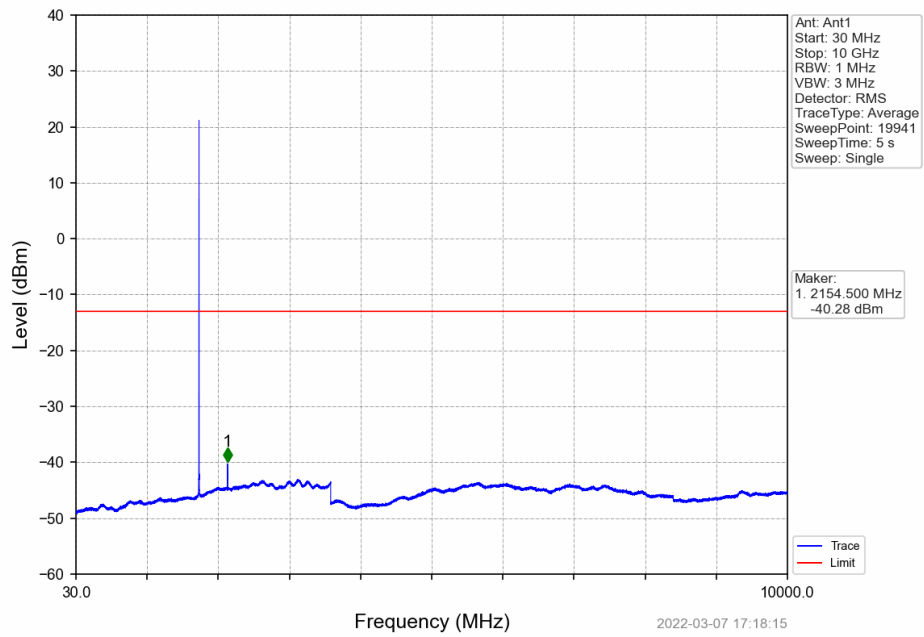


# Band4\_1.4MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

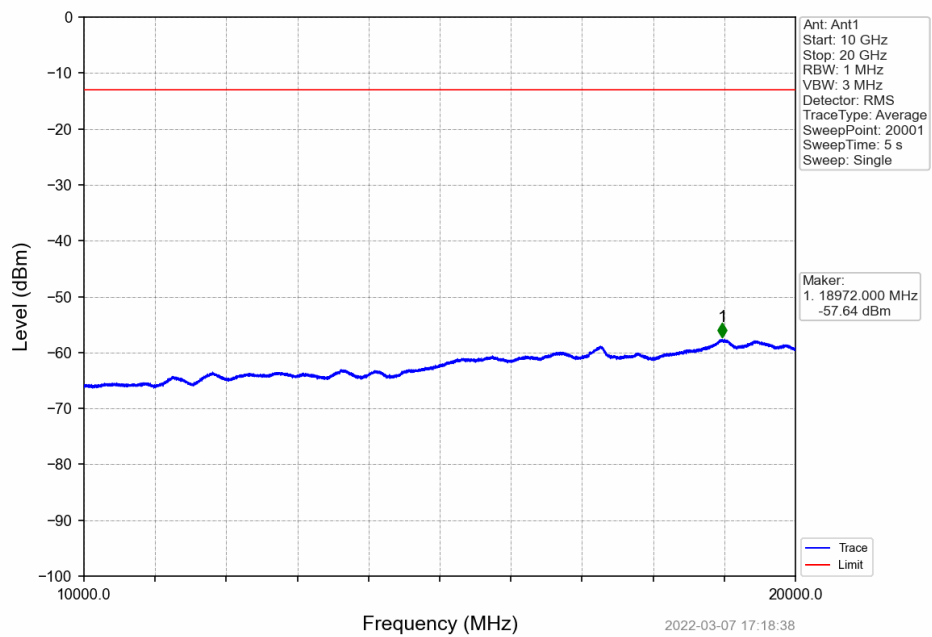




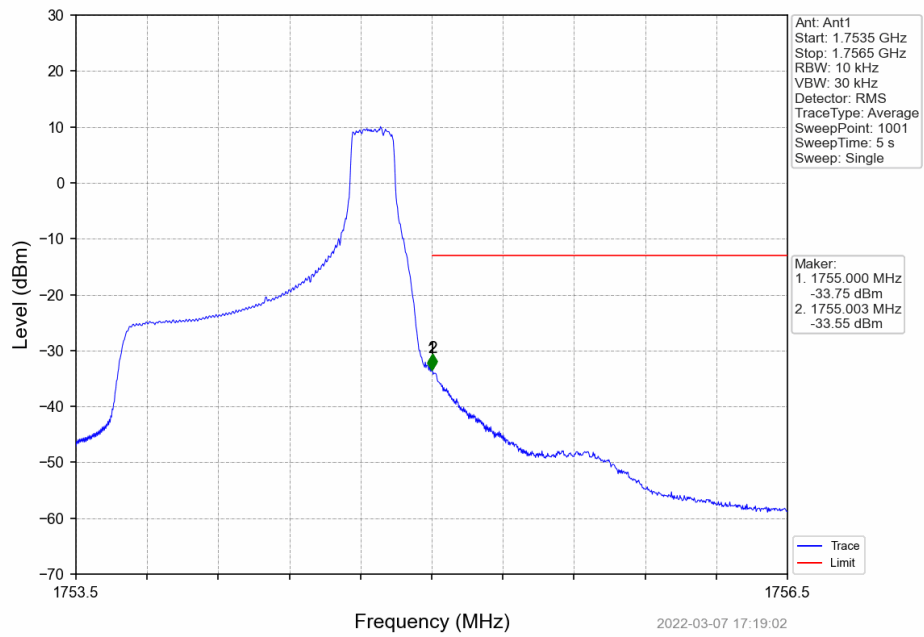
# Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



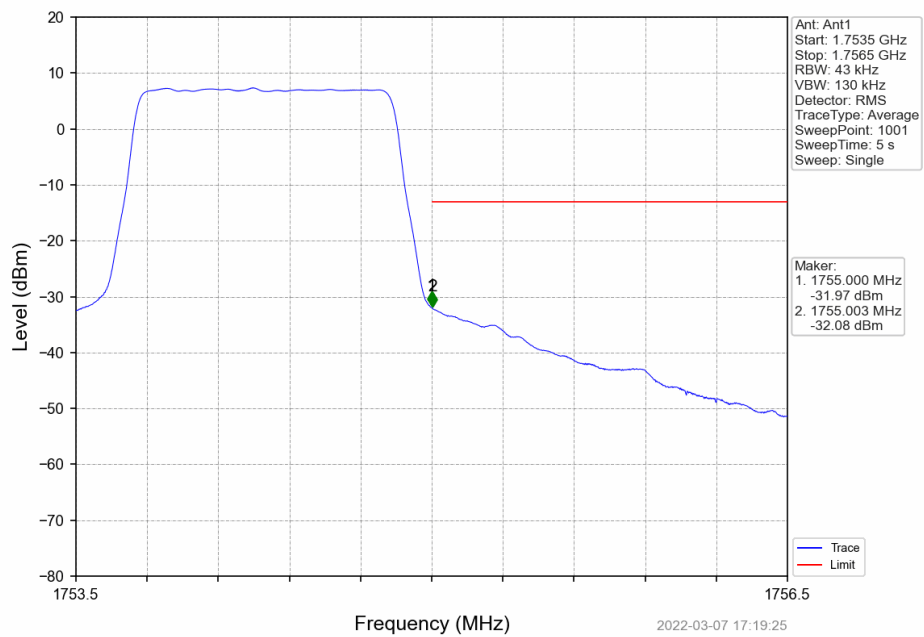
# Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



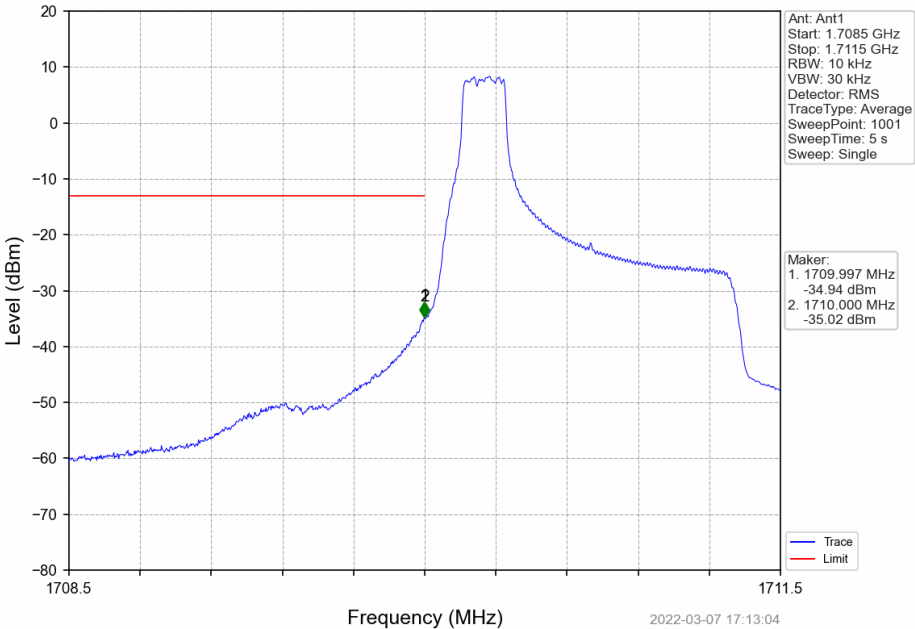
# Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_5\_NTNV



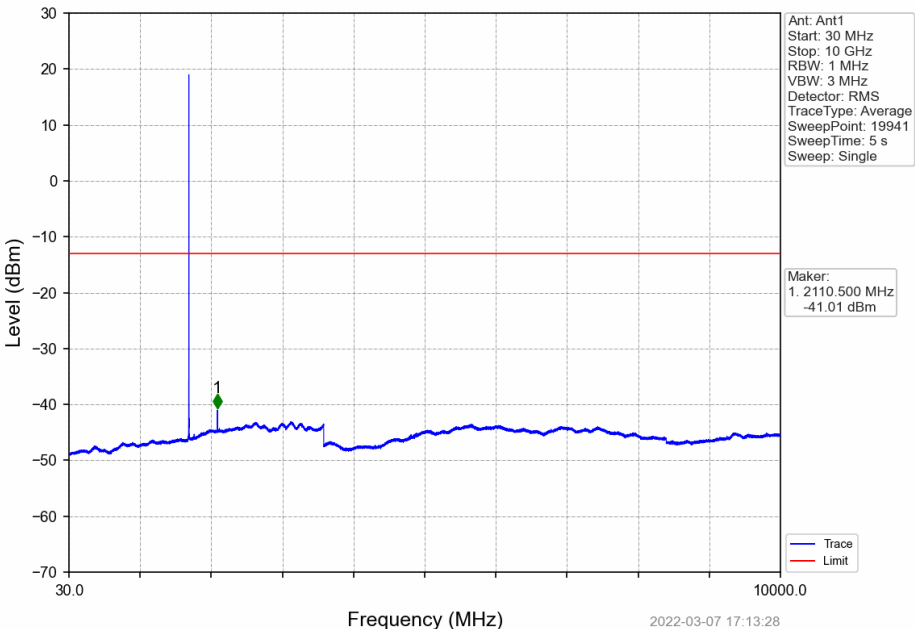
# Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



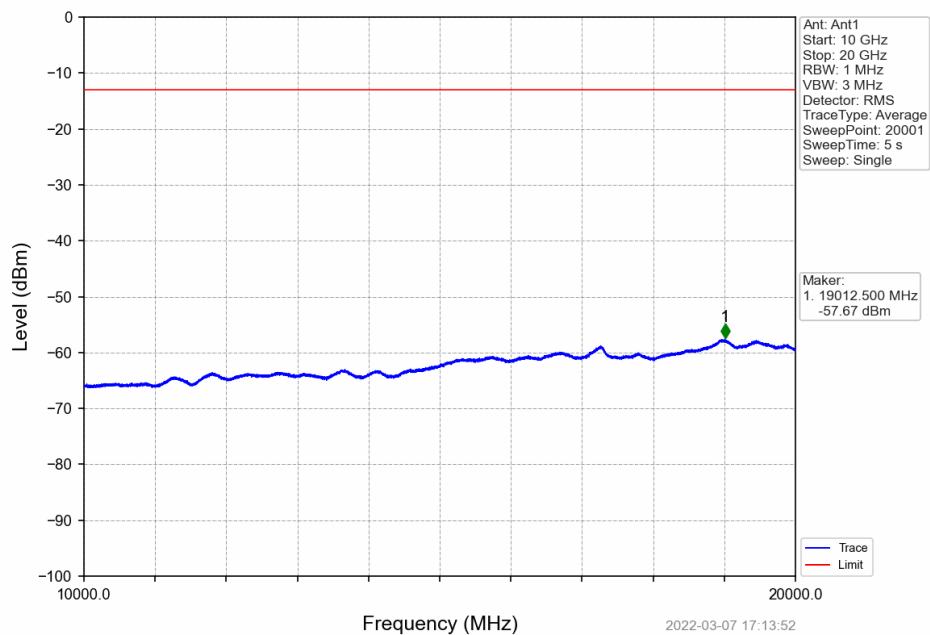
Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



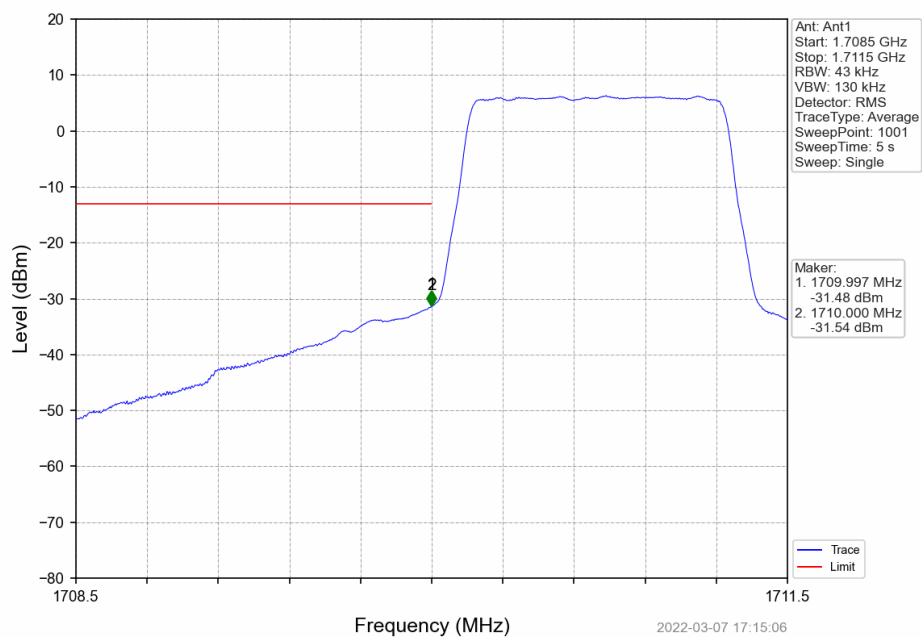
Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



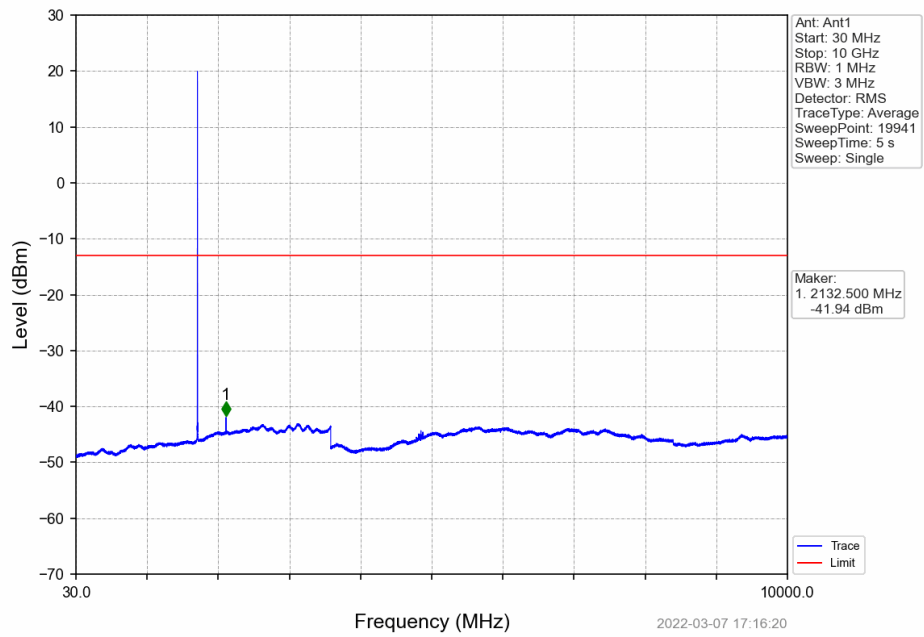
Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



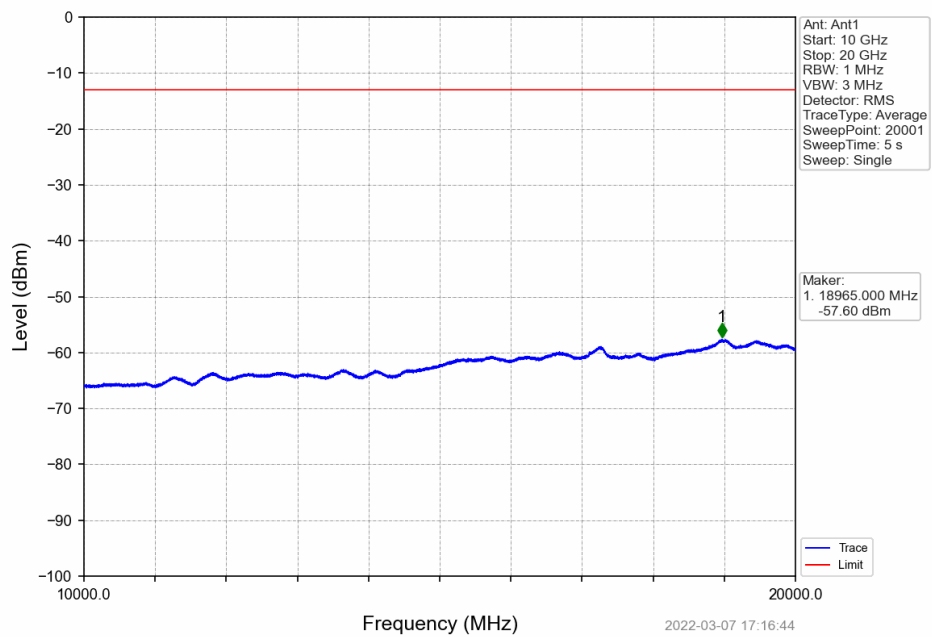
Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



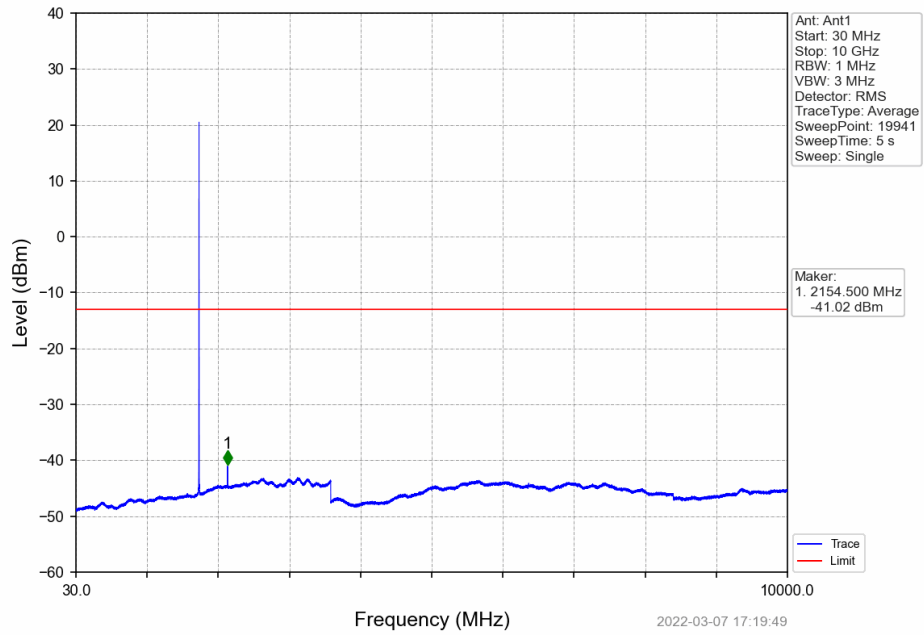
# Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



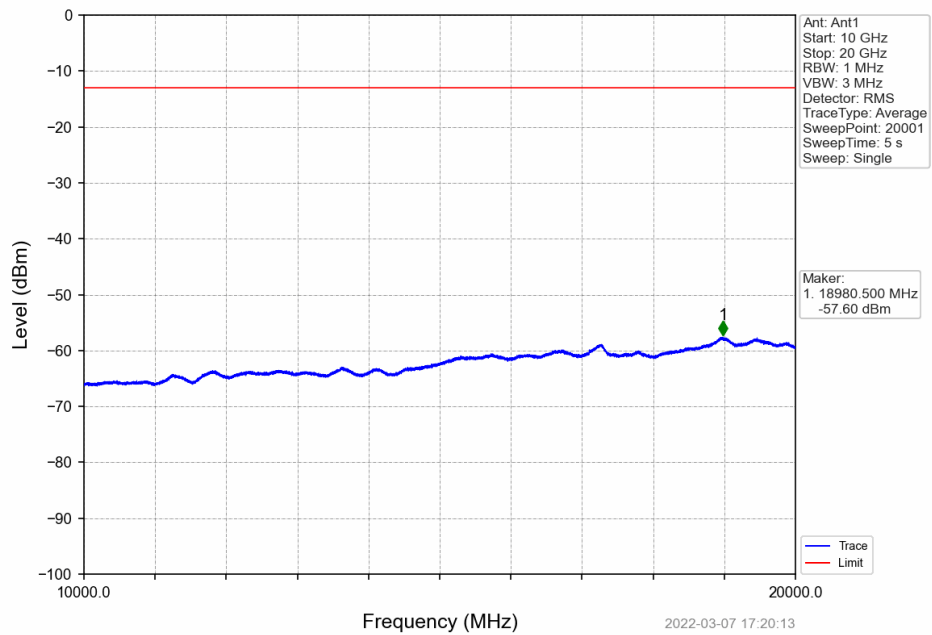
# Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



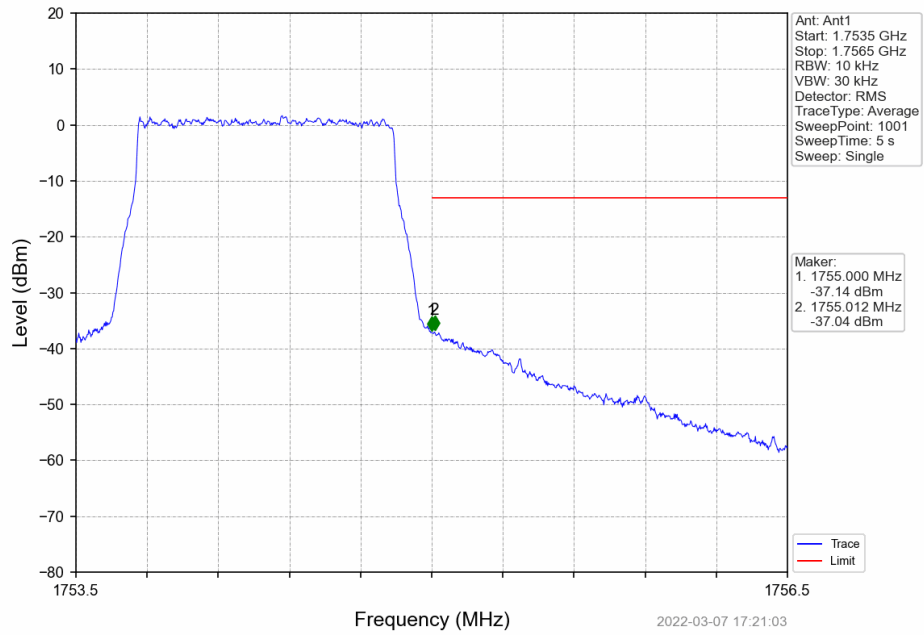
Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



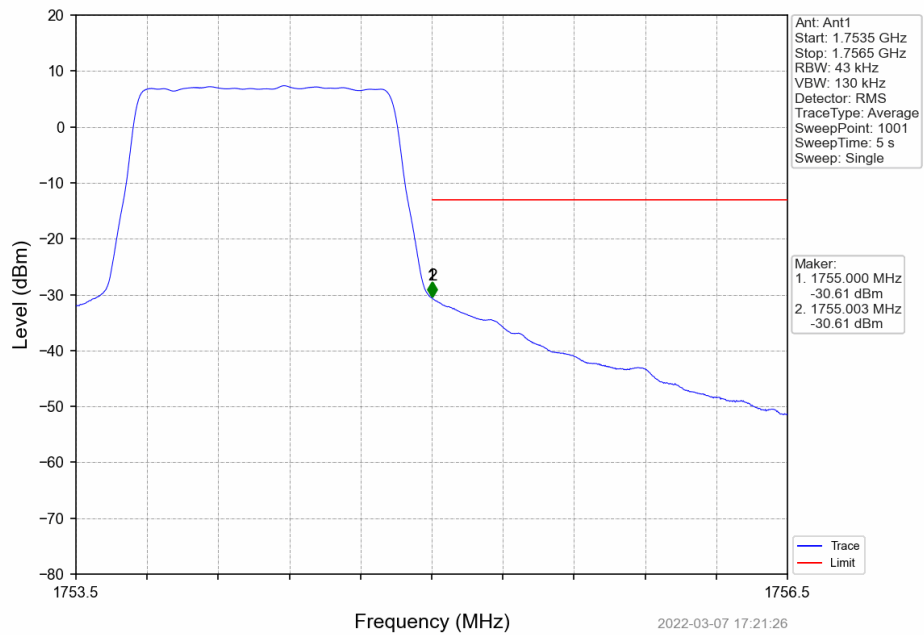
Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_1\_5\_NTNV



Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



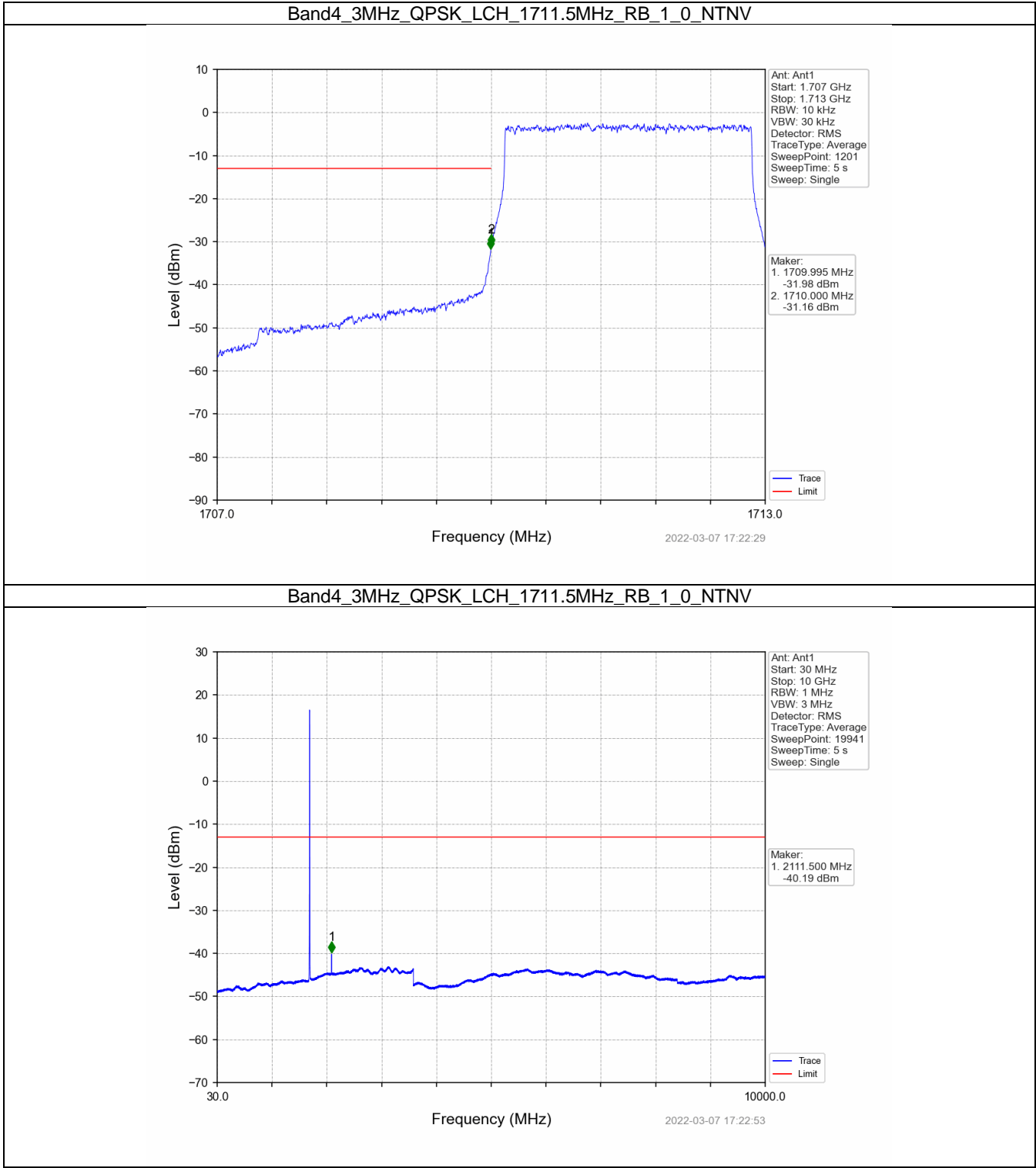
## 2.2 B4\_3MHz

### 2.2.1 Test Result

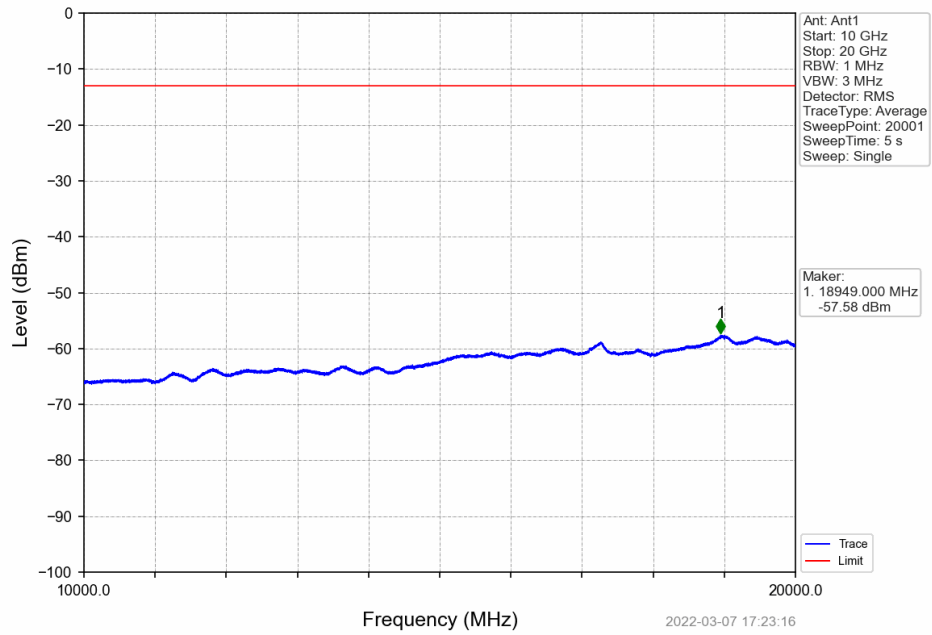
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



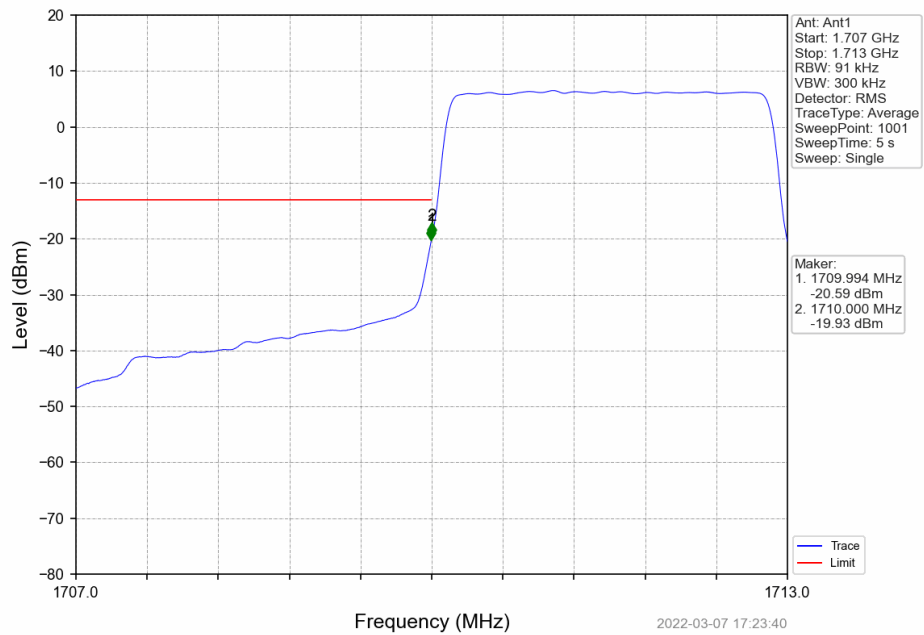
2.2.2 Test Graph



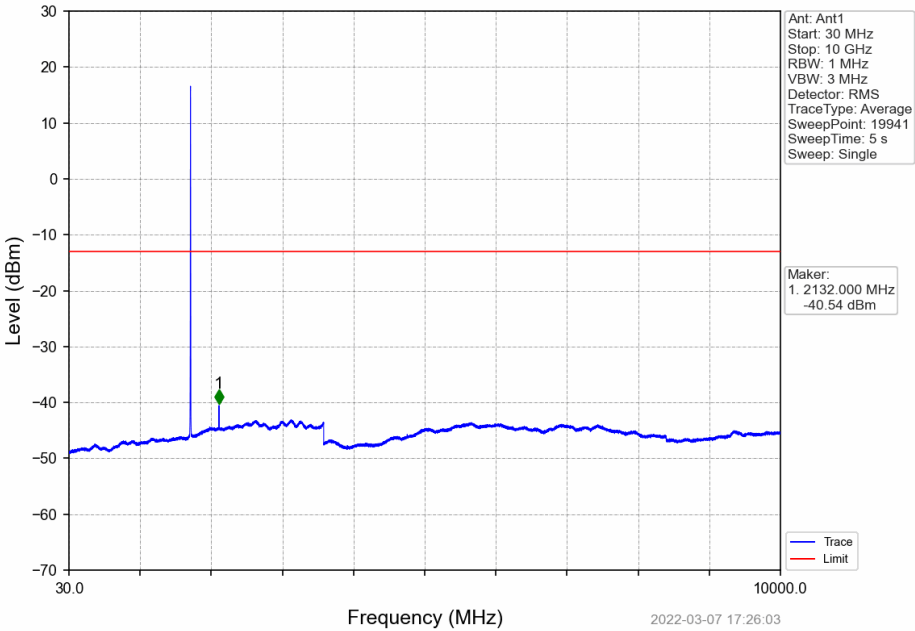
# Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



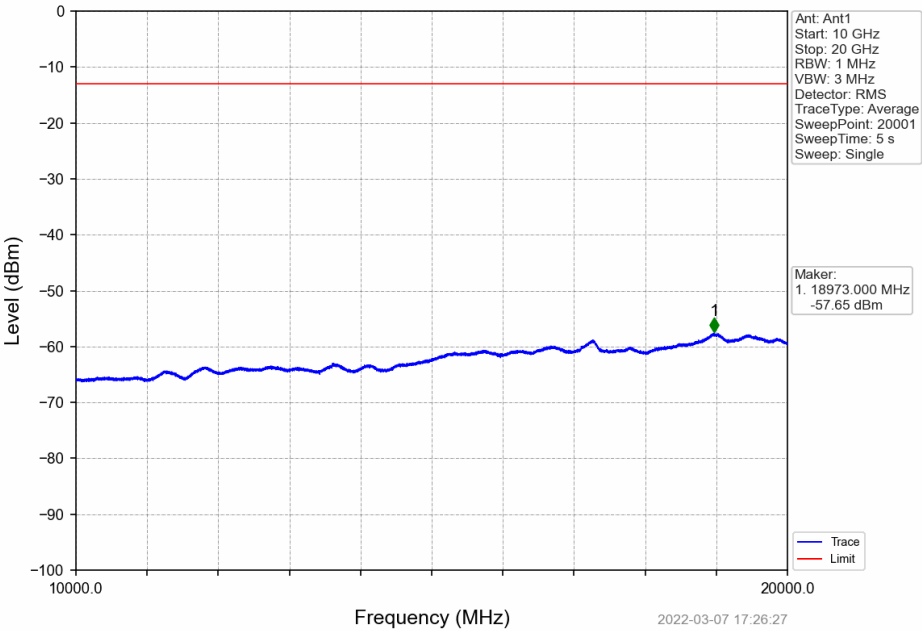
# Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



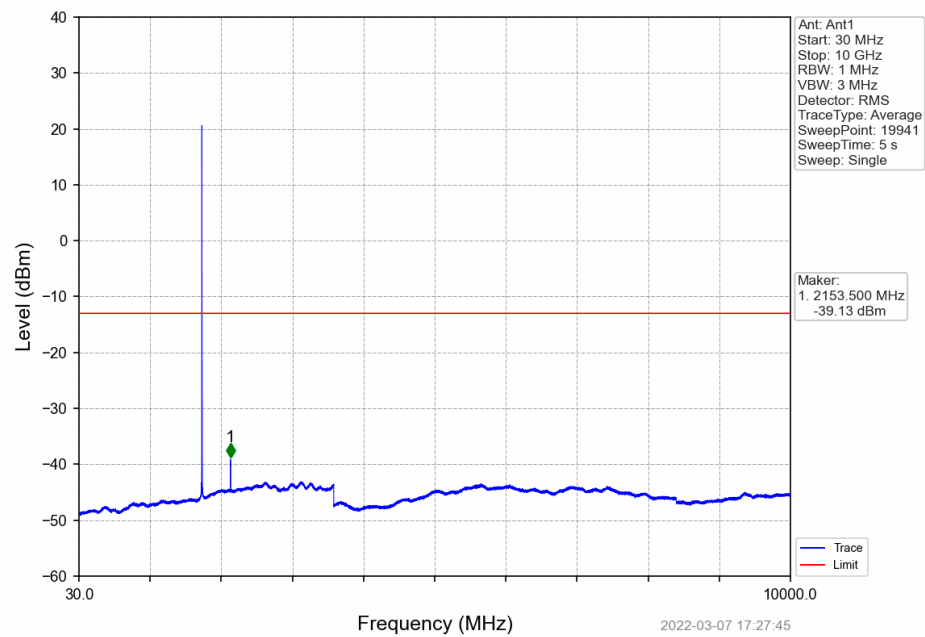
Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



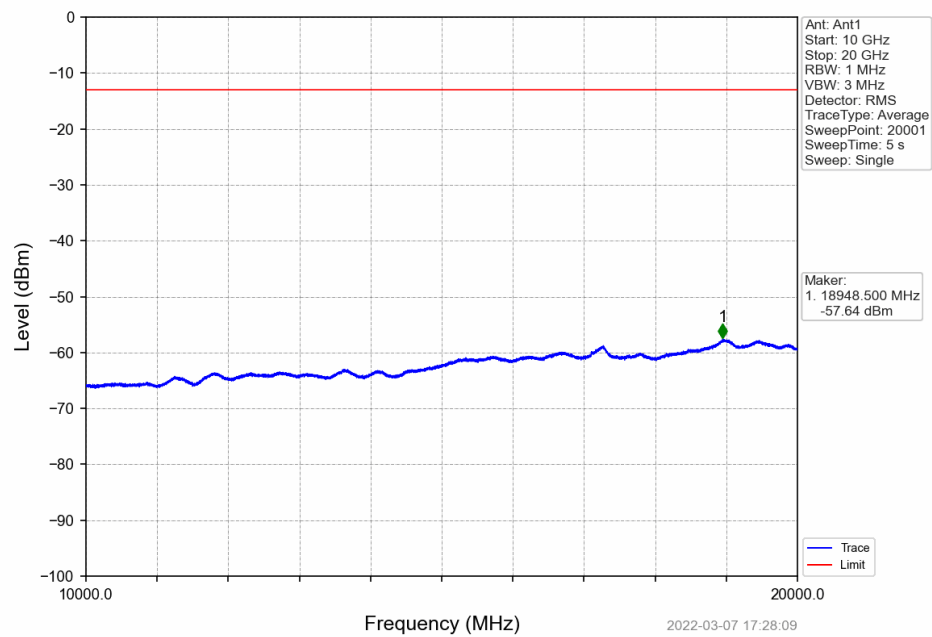
Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



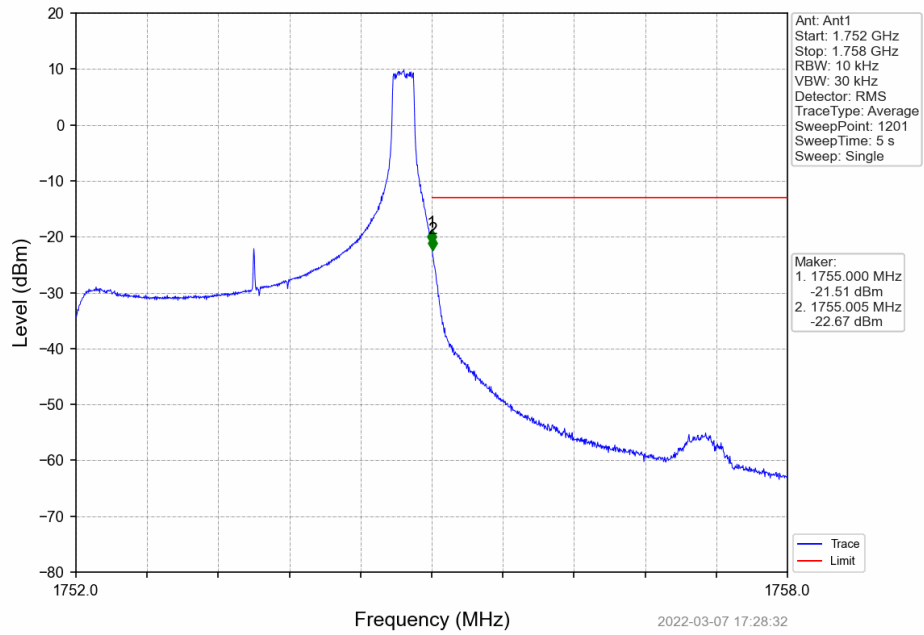
Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



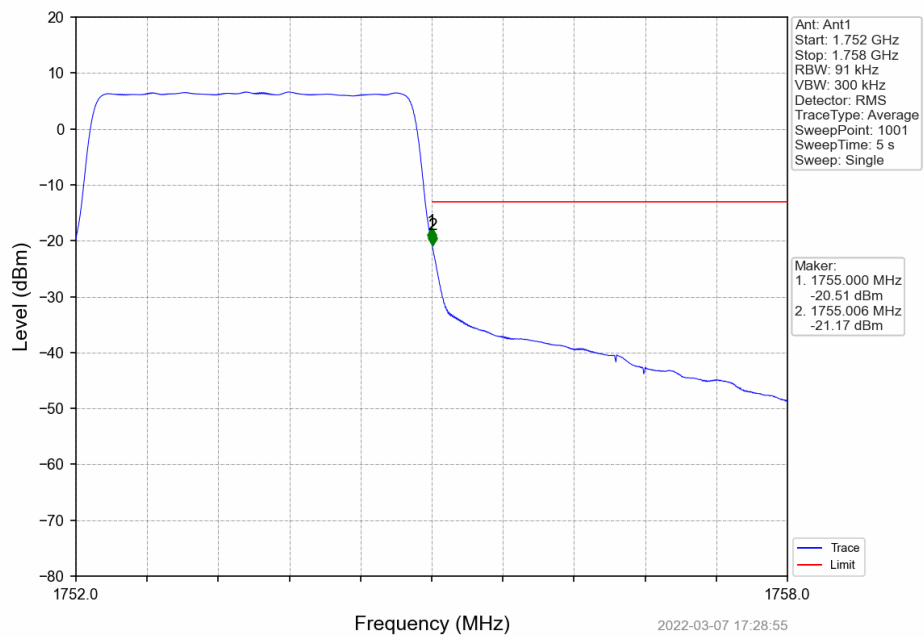
Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



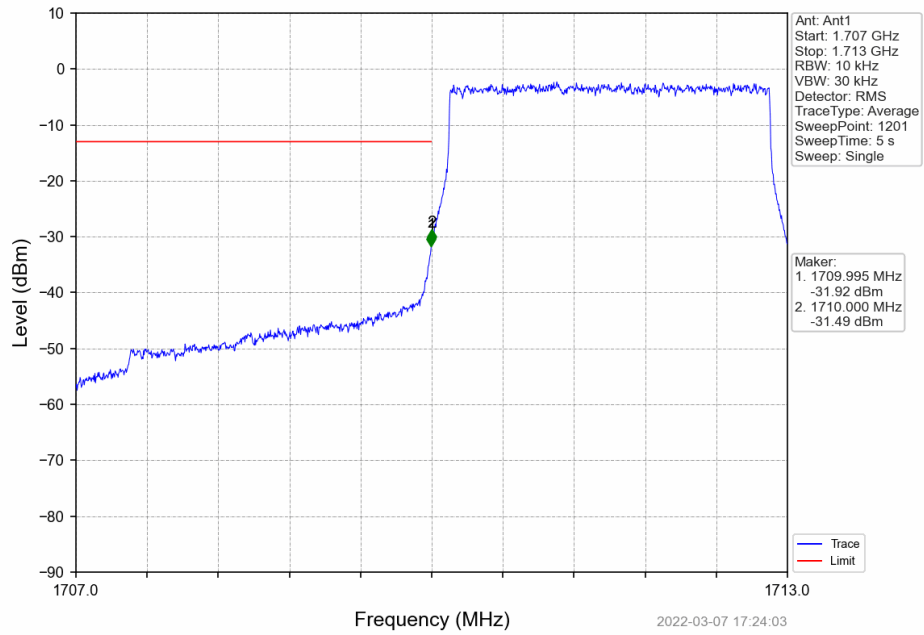
# Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_14\_NTNV



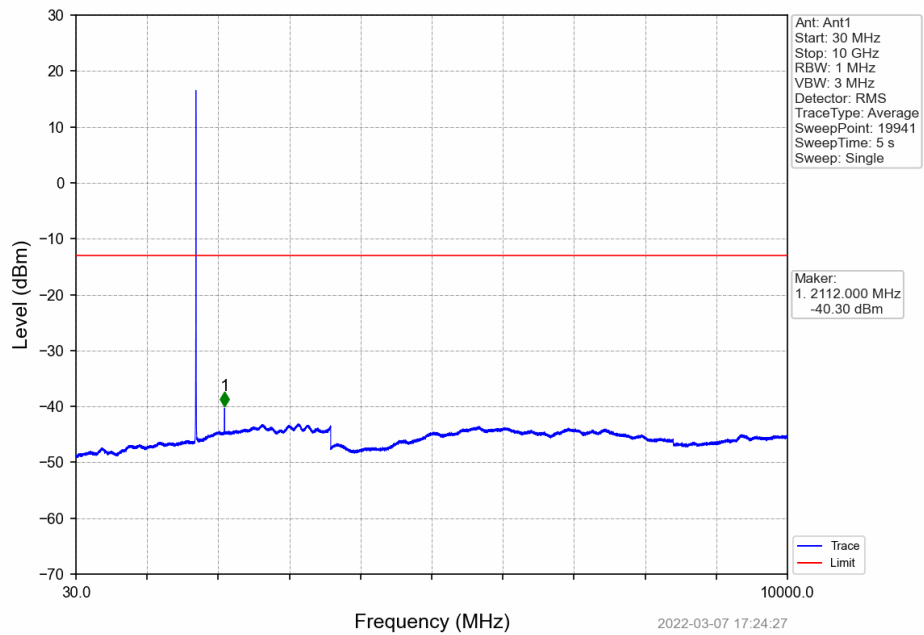
# Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



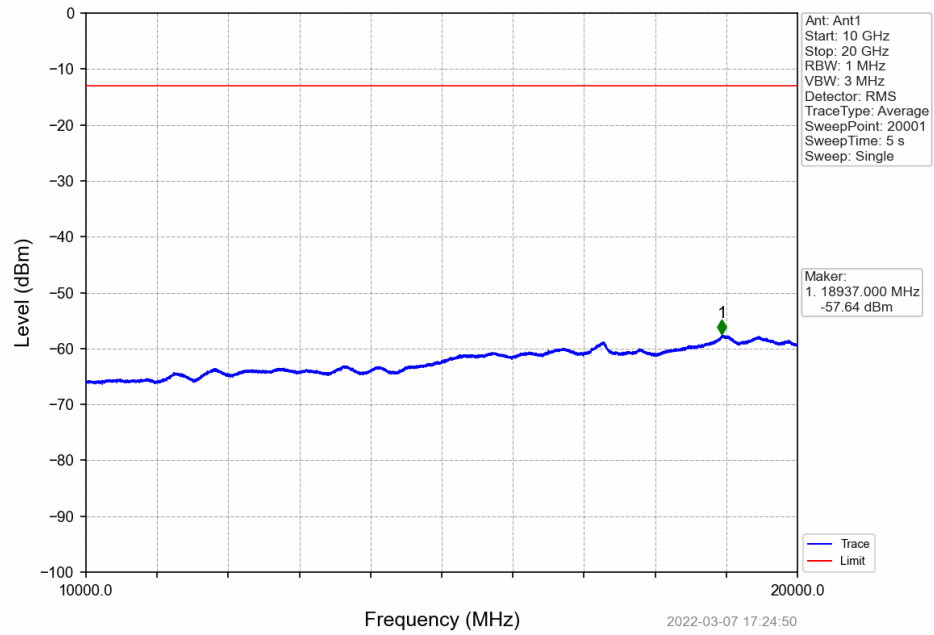
# Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



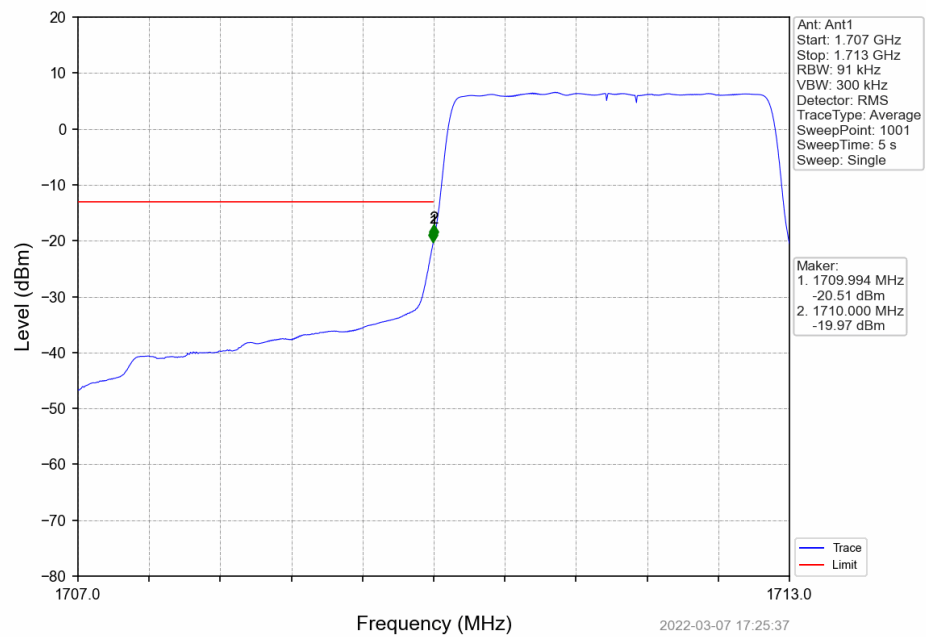
# Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



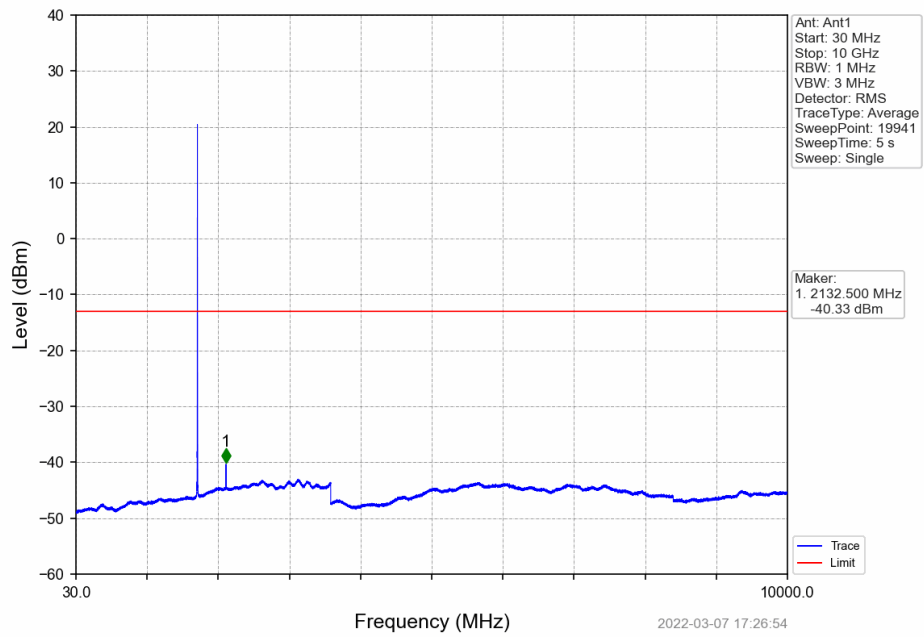
Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



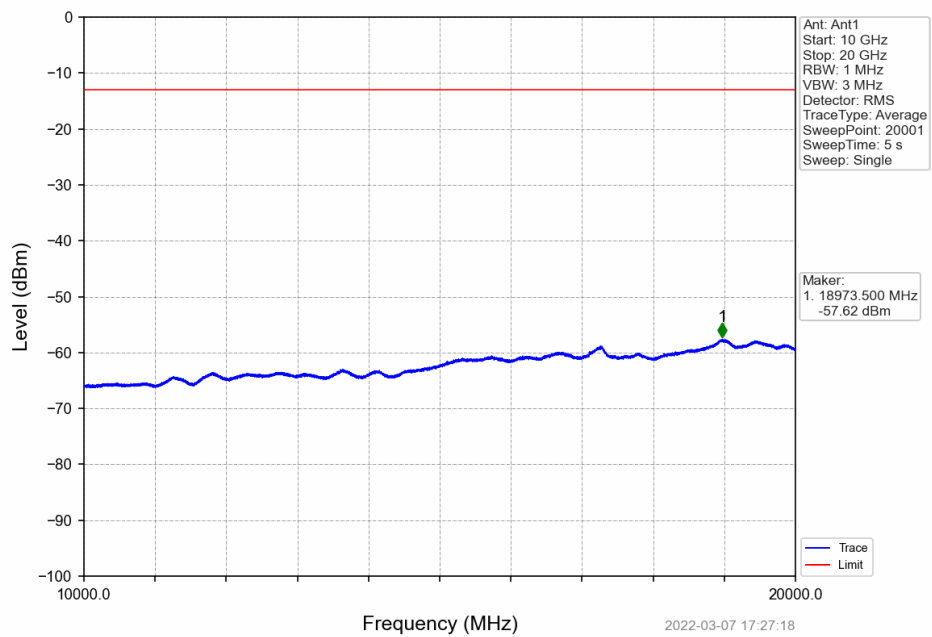
Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

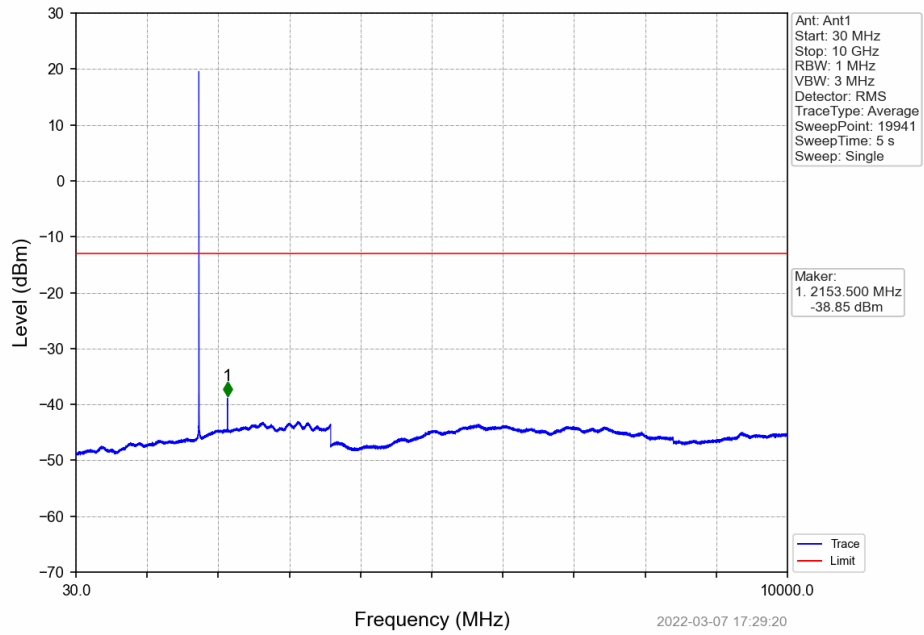


Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

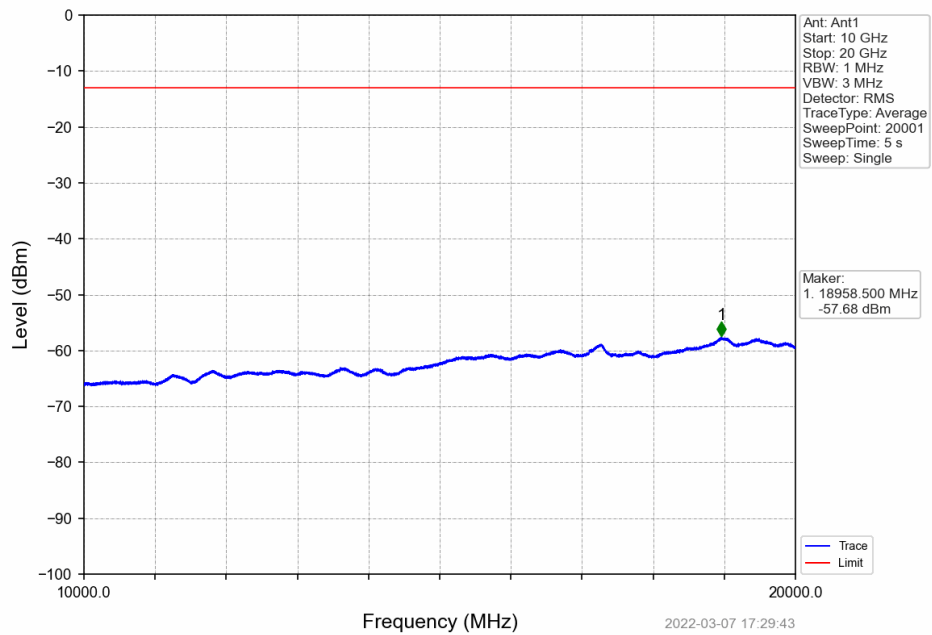




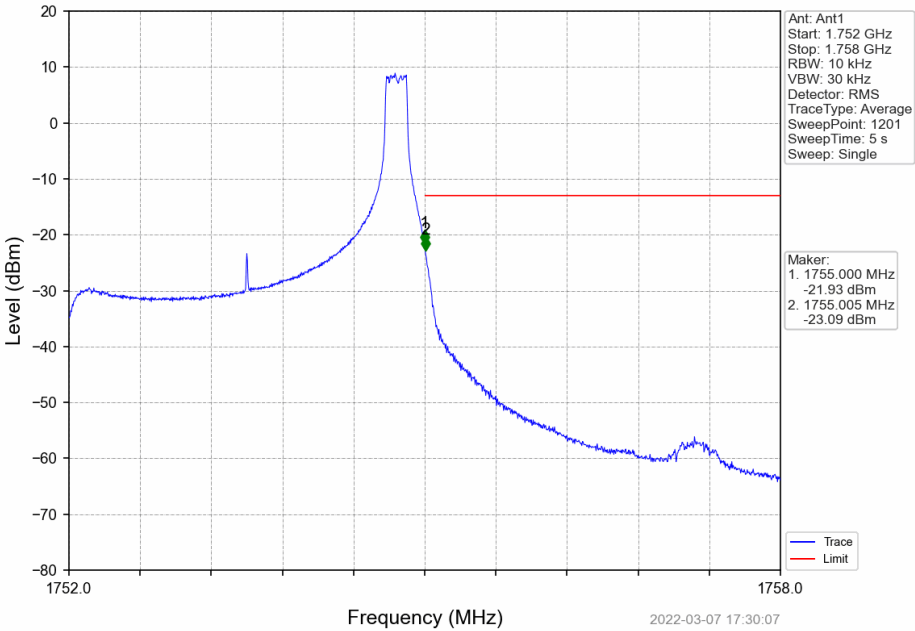
# Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



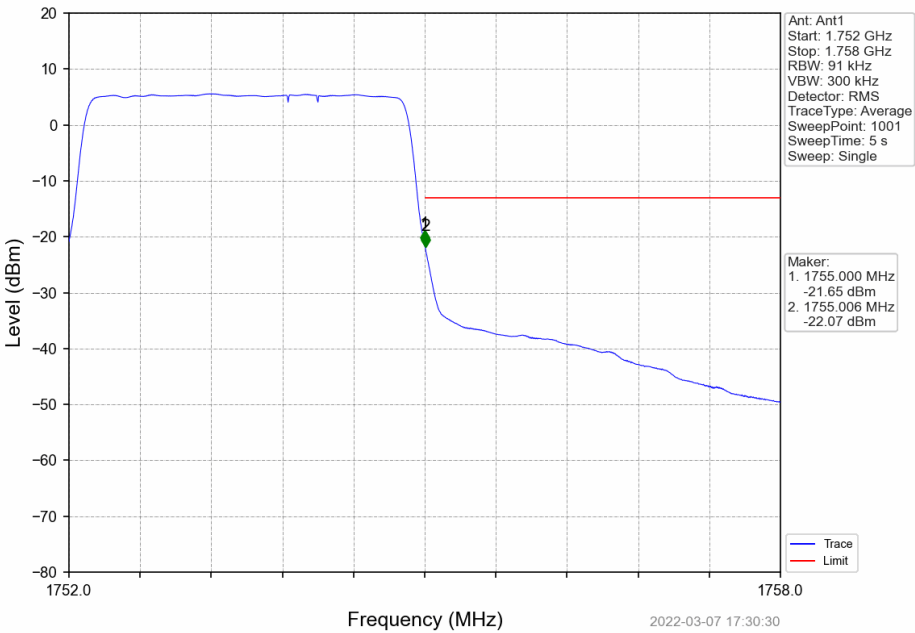
# Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_1\_14\_NTNV



Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV

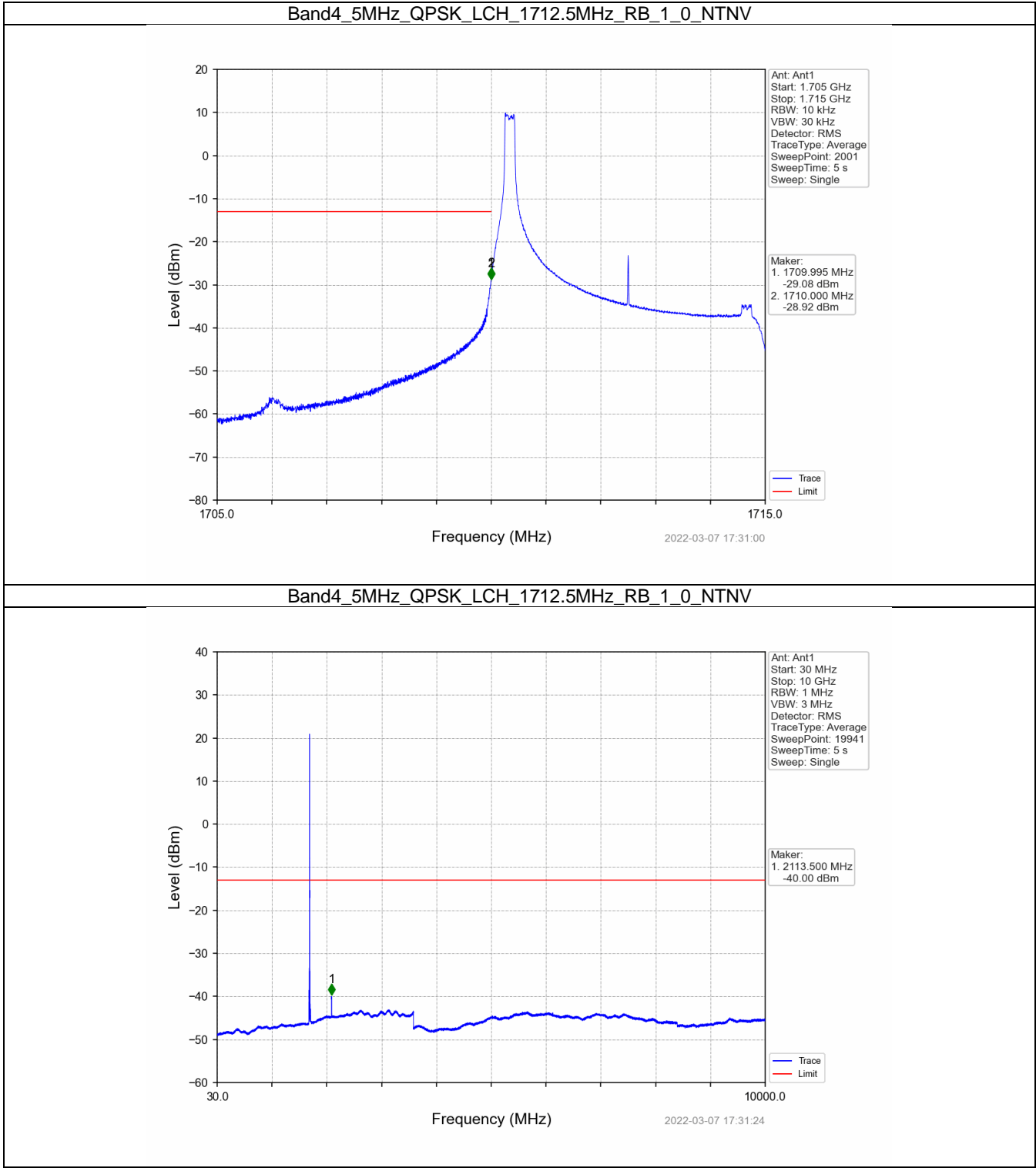


## 2.3 B4\_5MHz

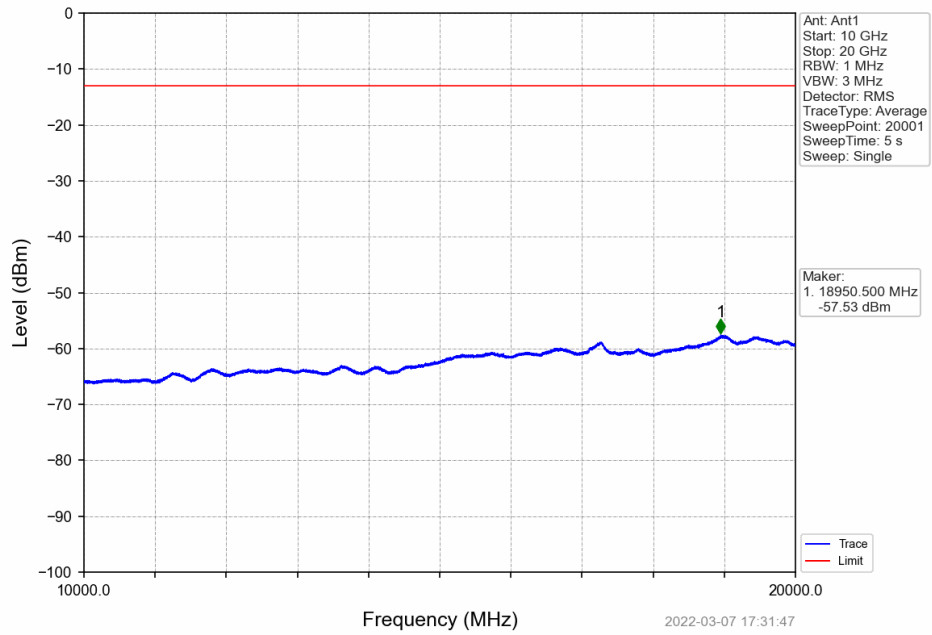
### 2.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

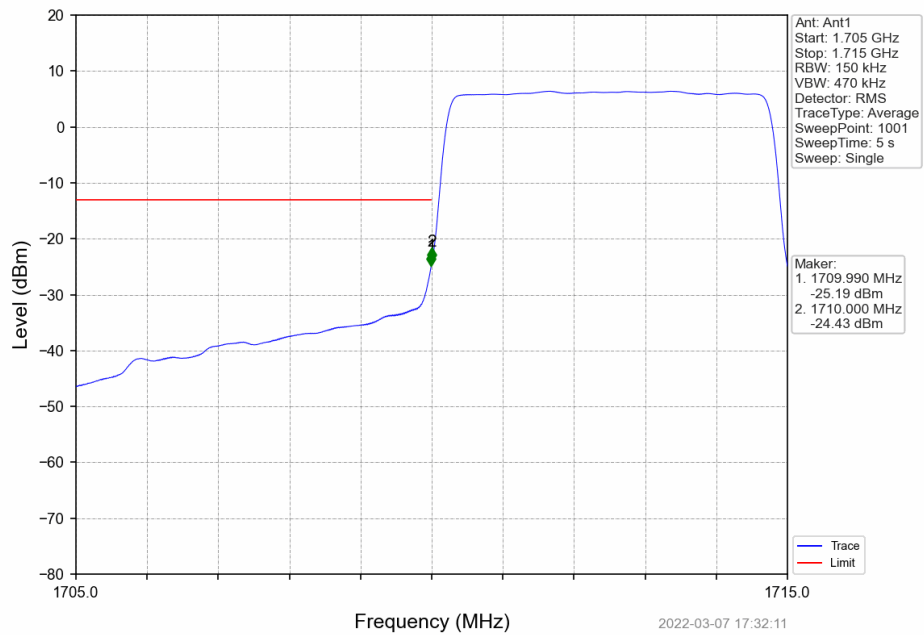
2.3.2 Test Graph



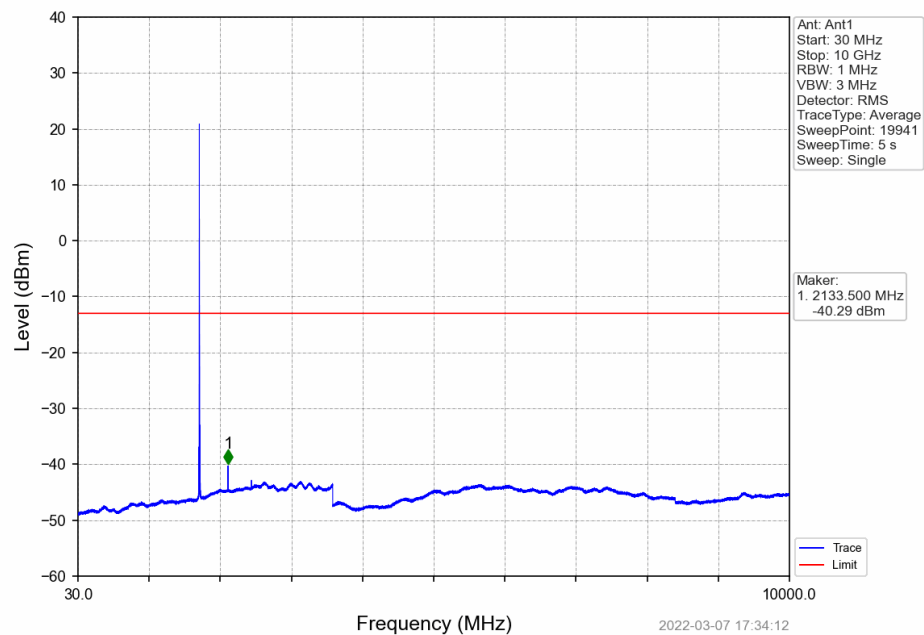
# Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



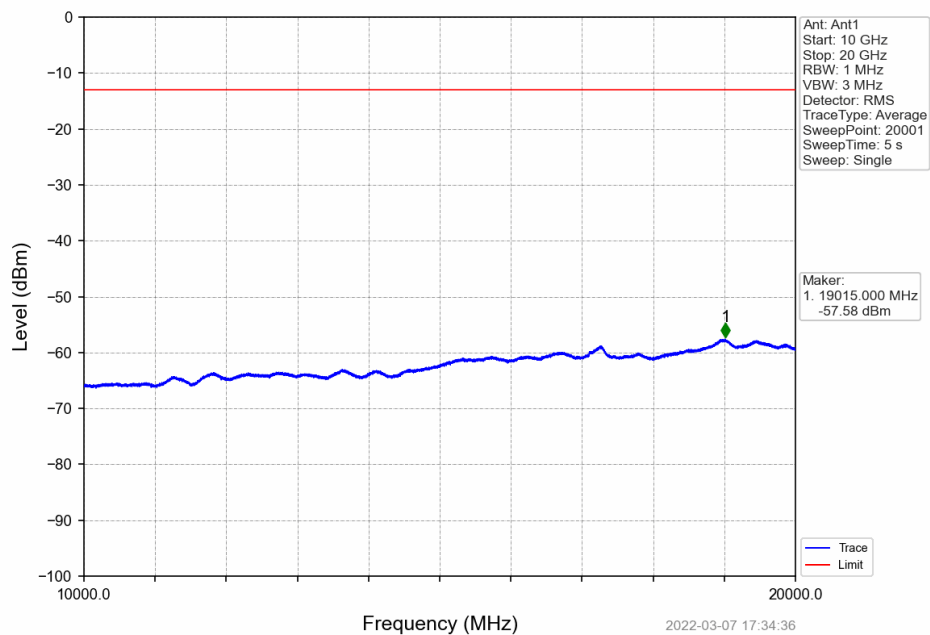
# Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



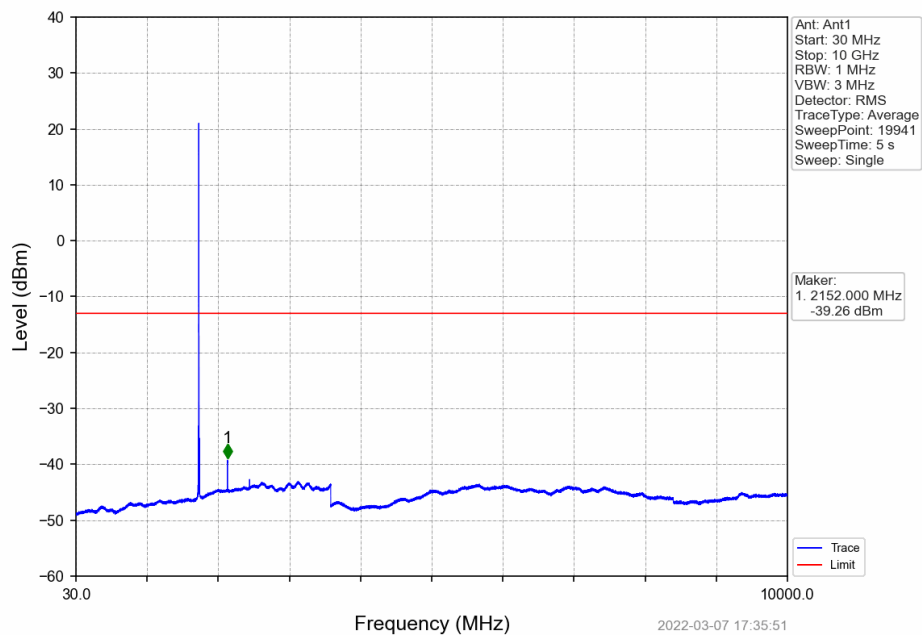
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



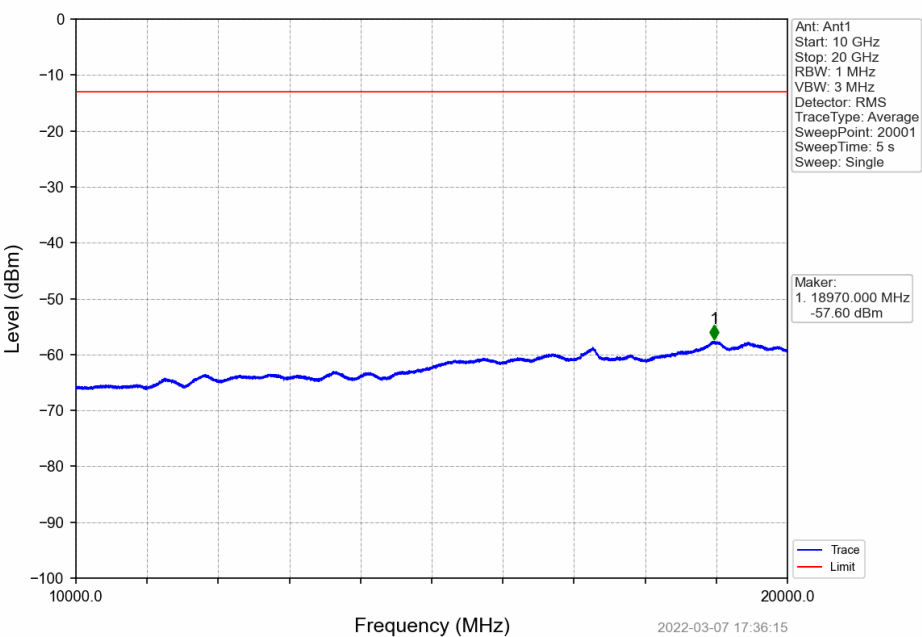
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



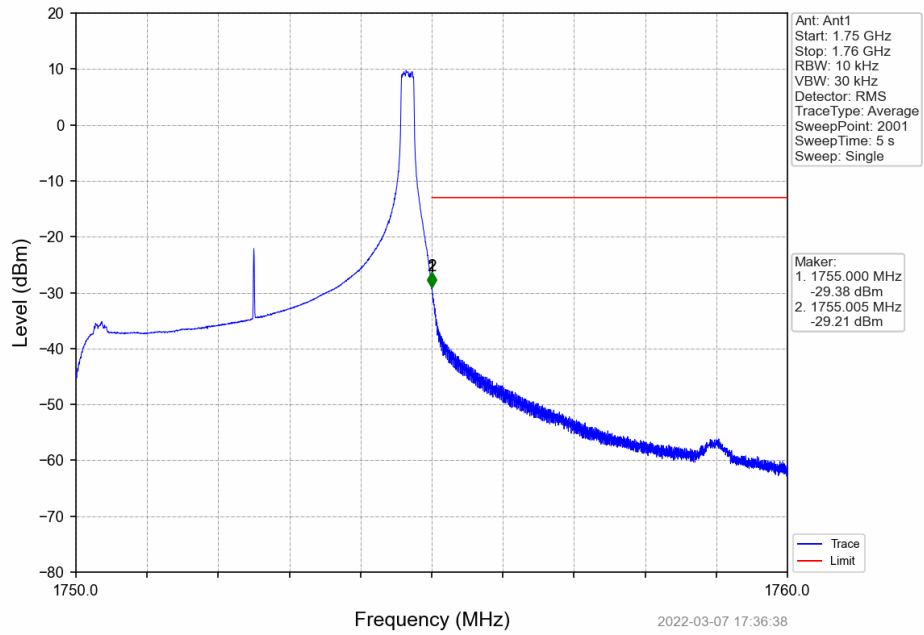
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



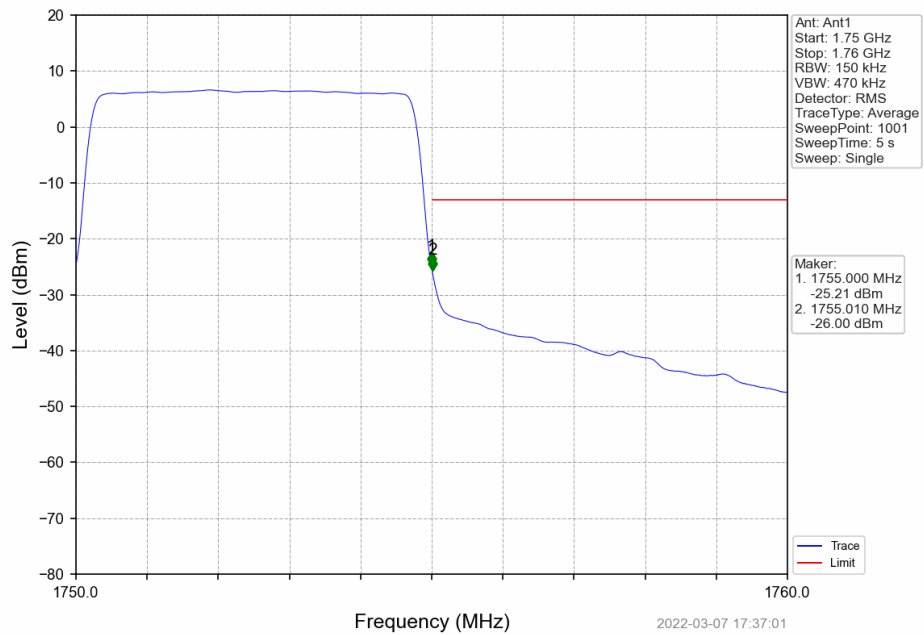
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



# Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV

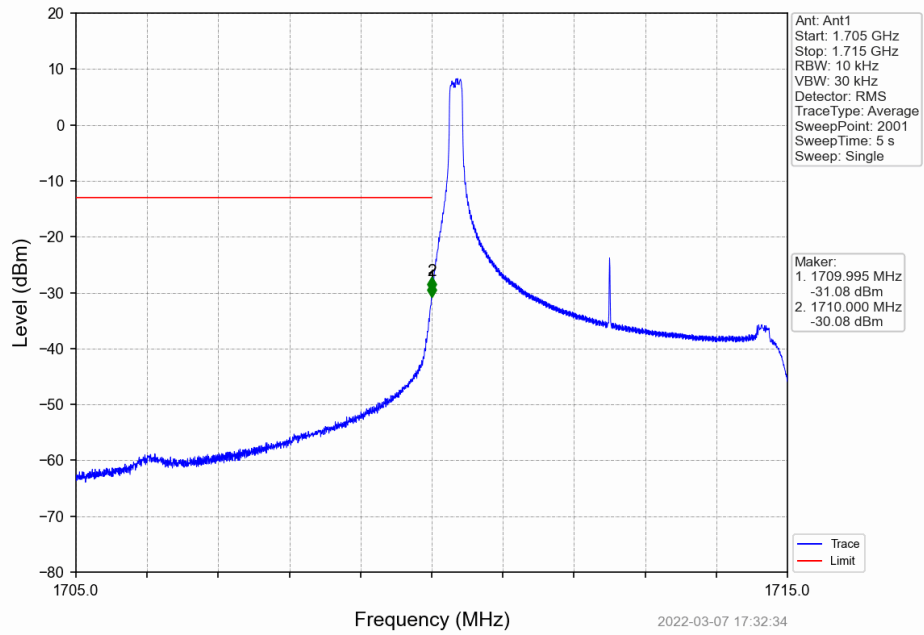


# Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV

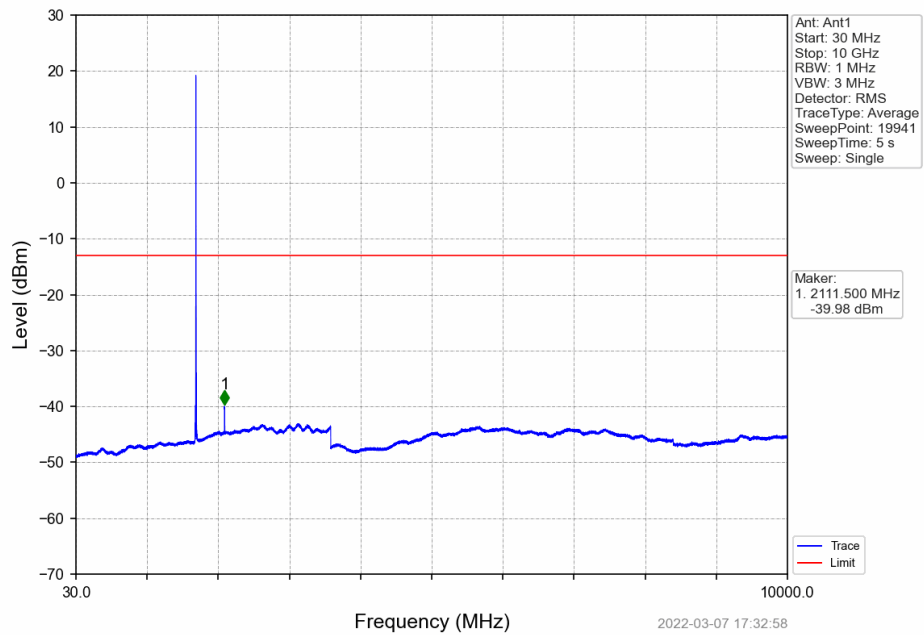




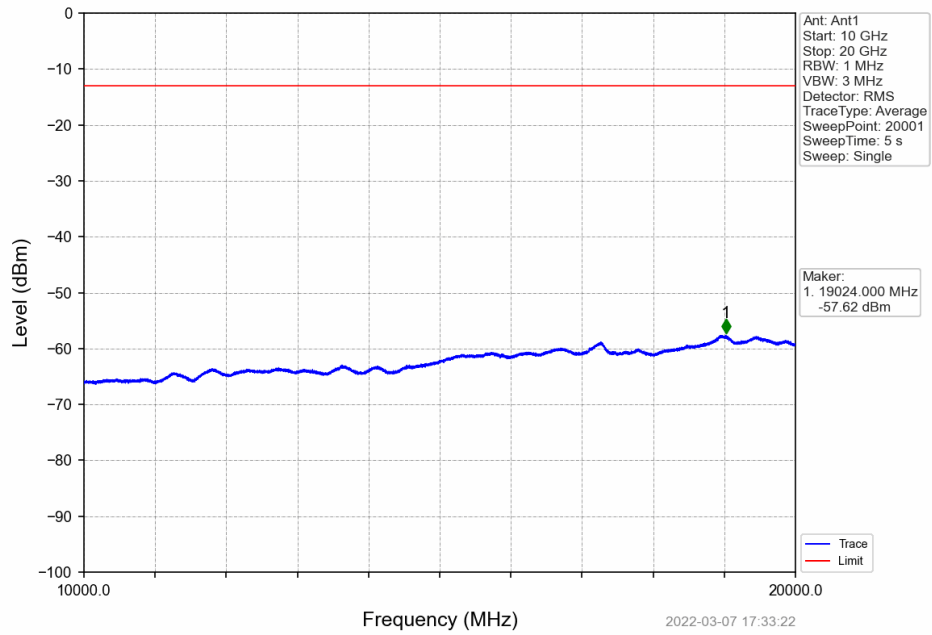
# Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



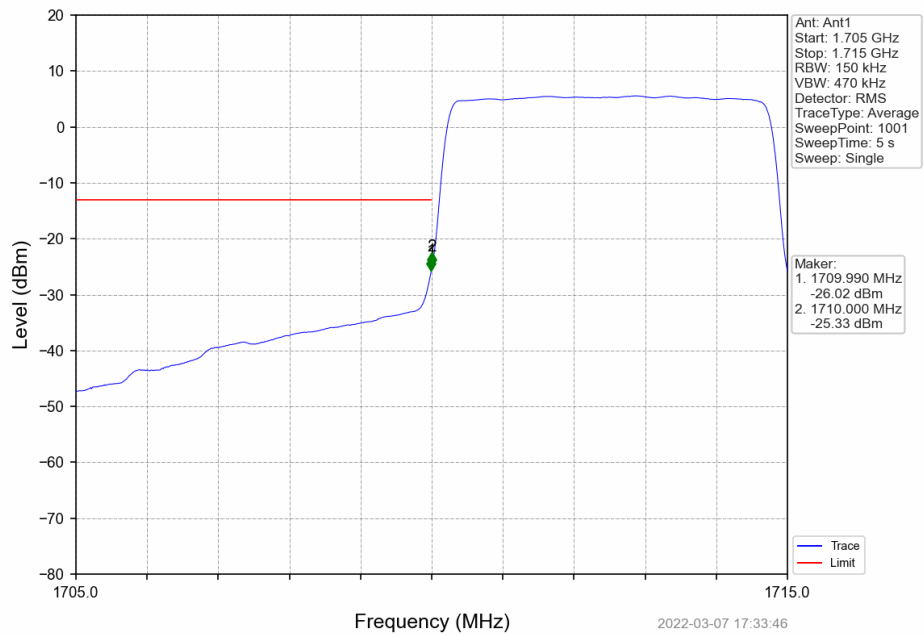
# Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



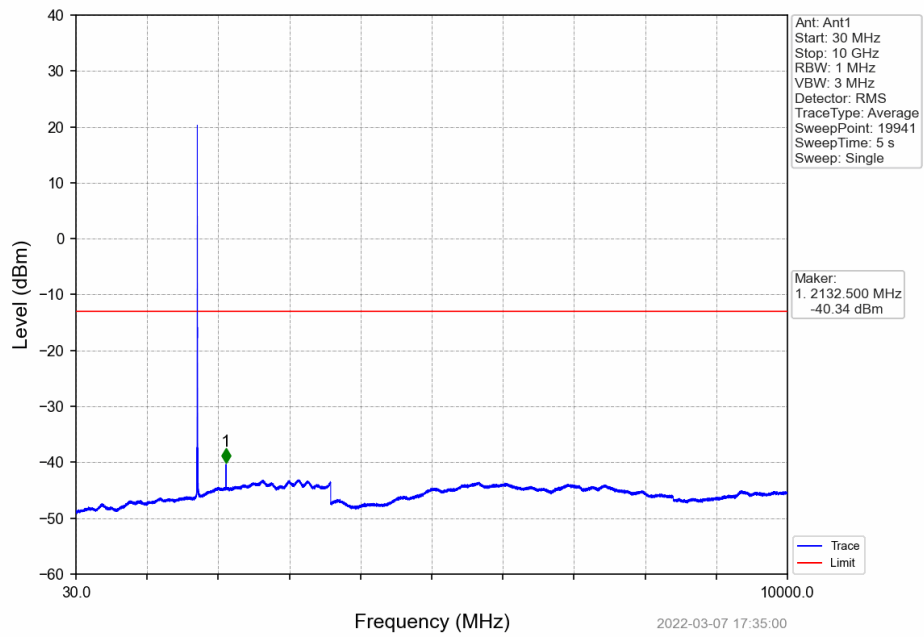
Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



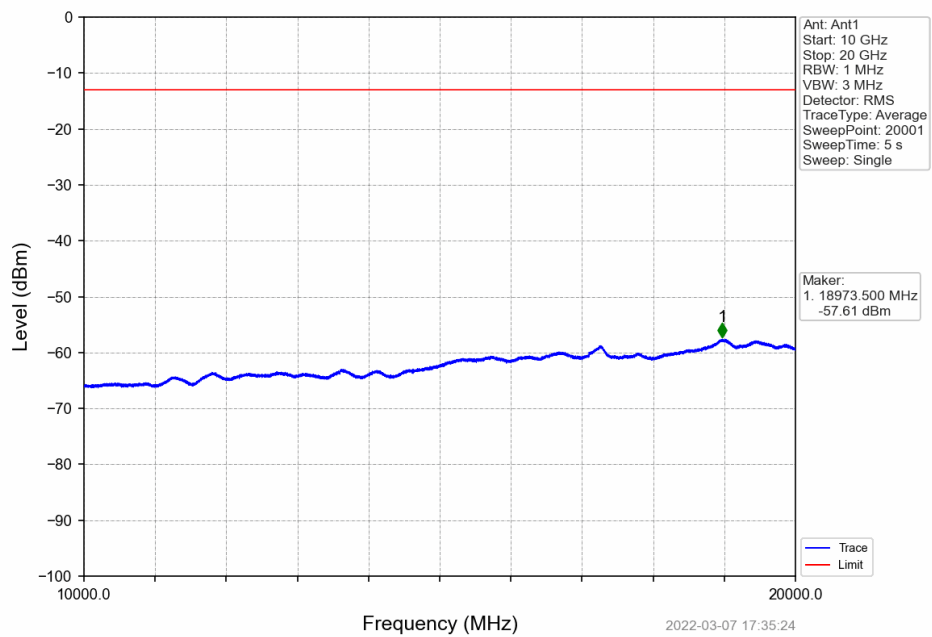
Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



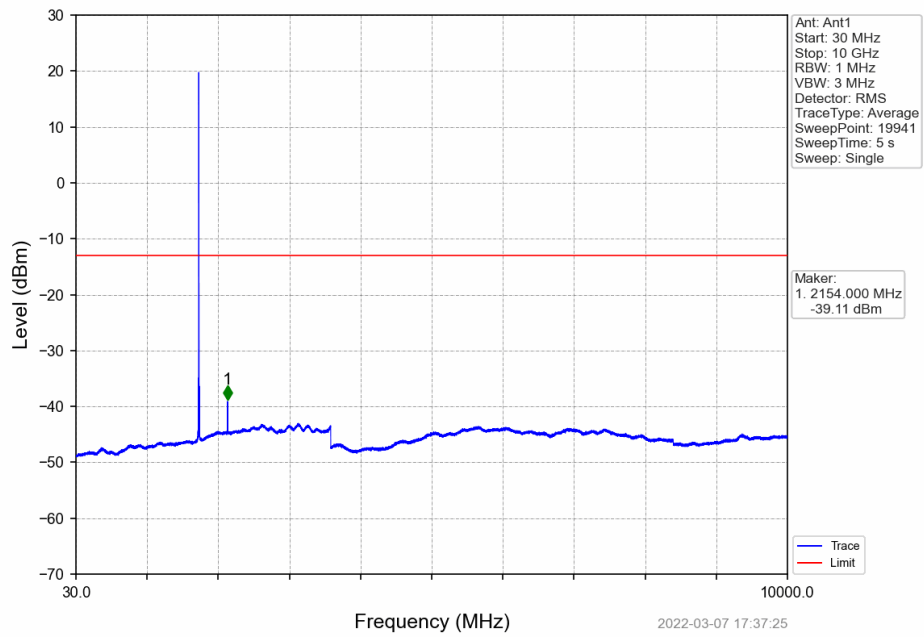
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



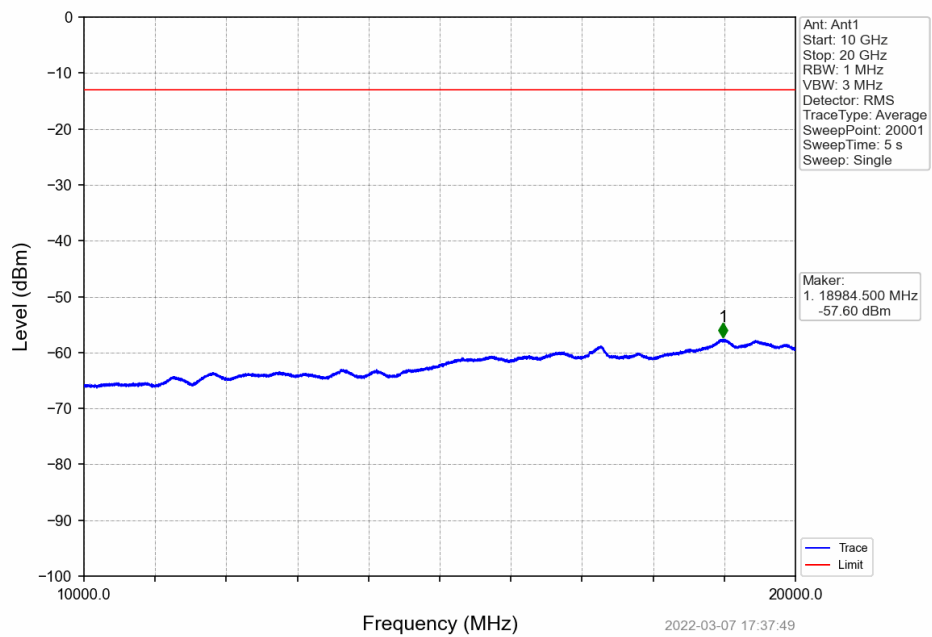
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



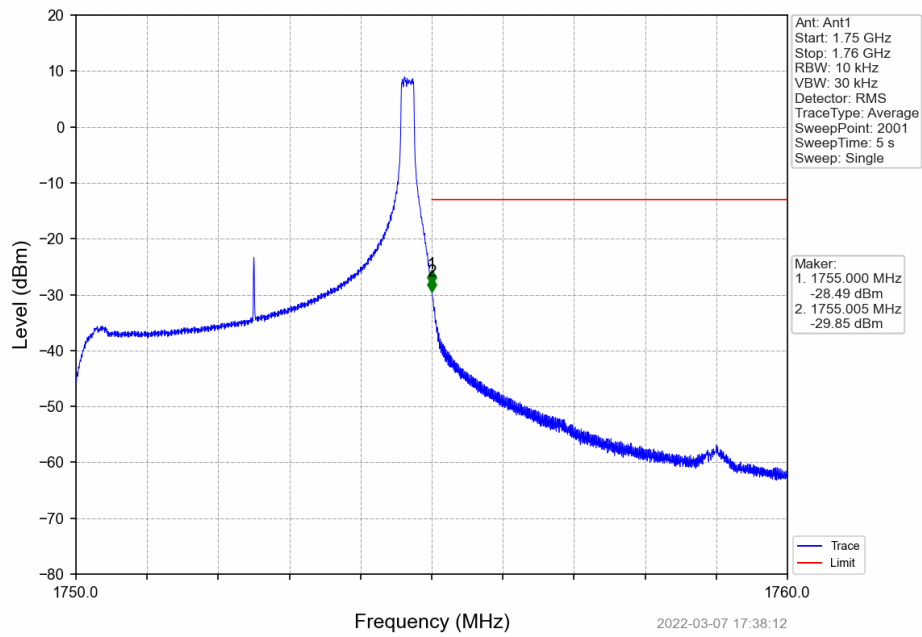
# Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



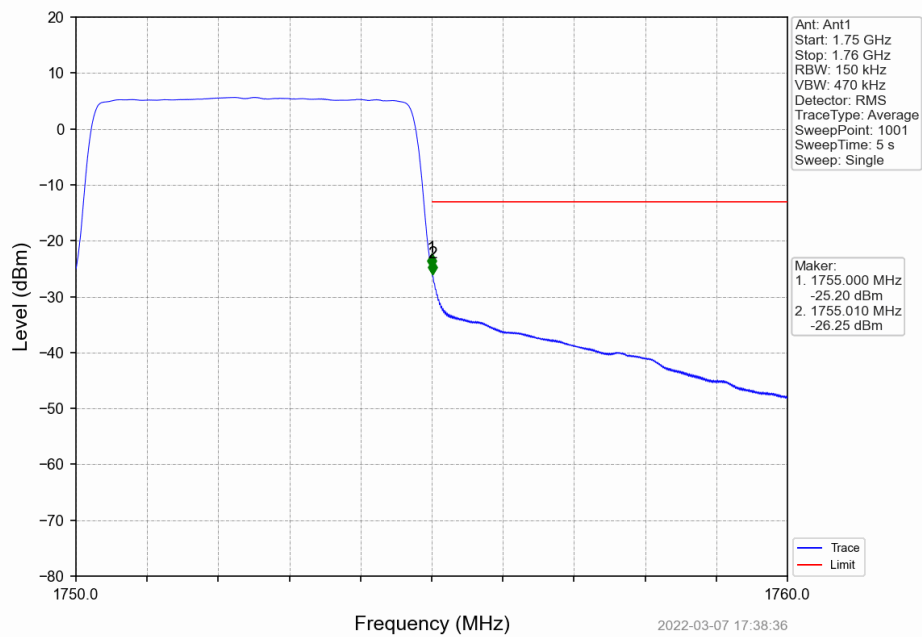
# Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV



Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV

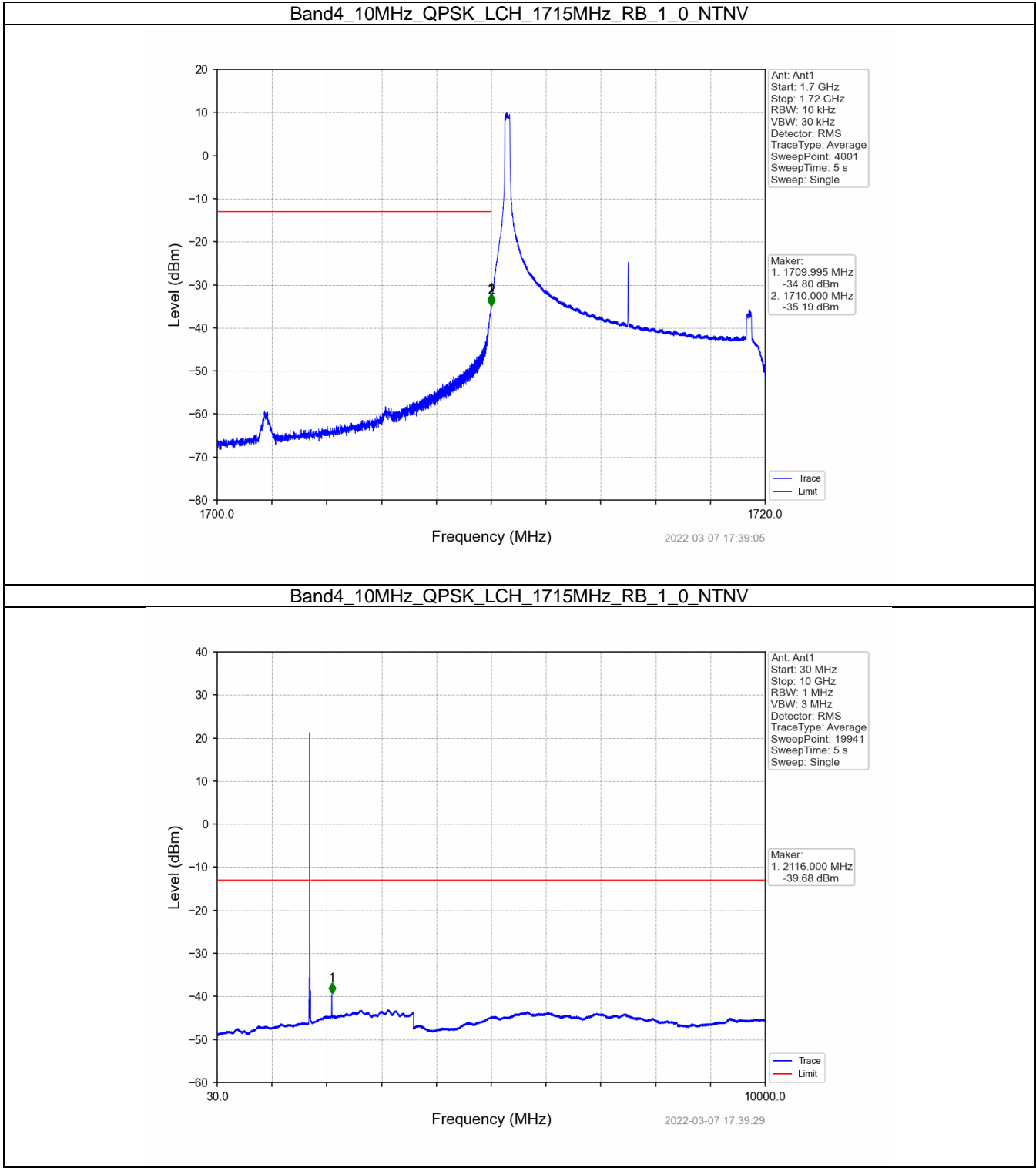


## 2.4 B4\_10MHz

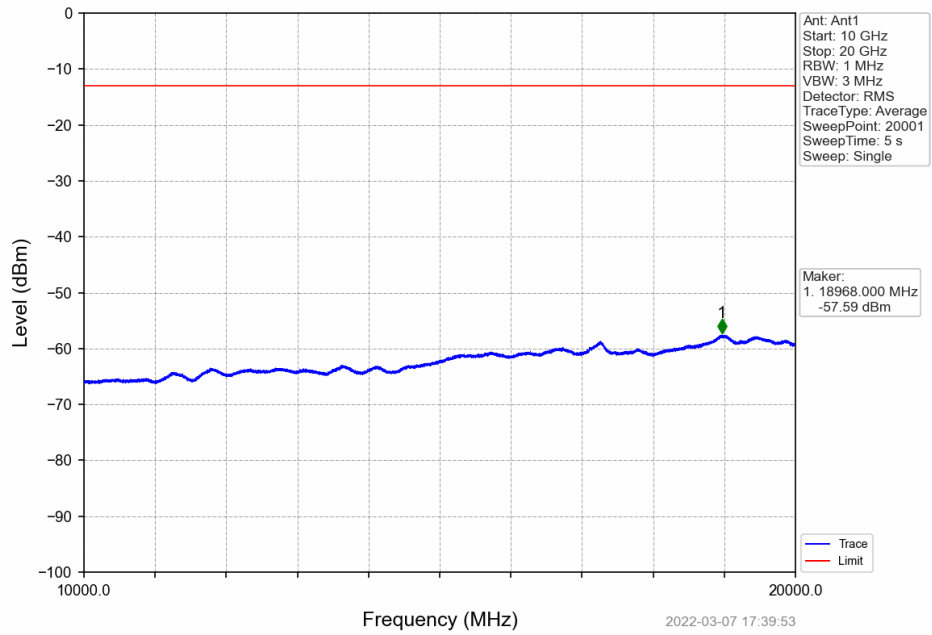
### 2.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

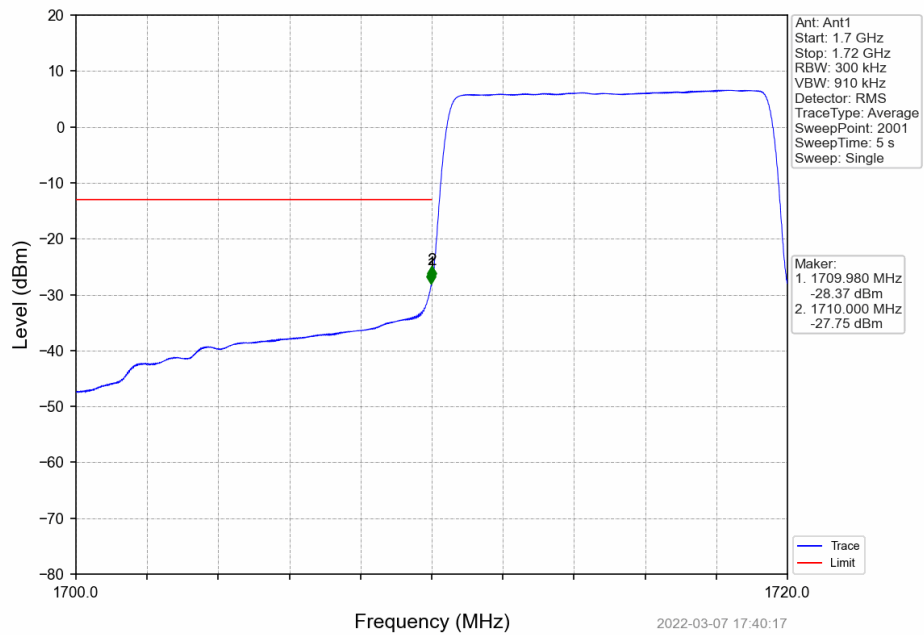
2.4.2 Test Graph



# Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV

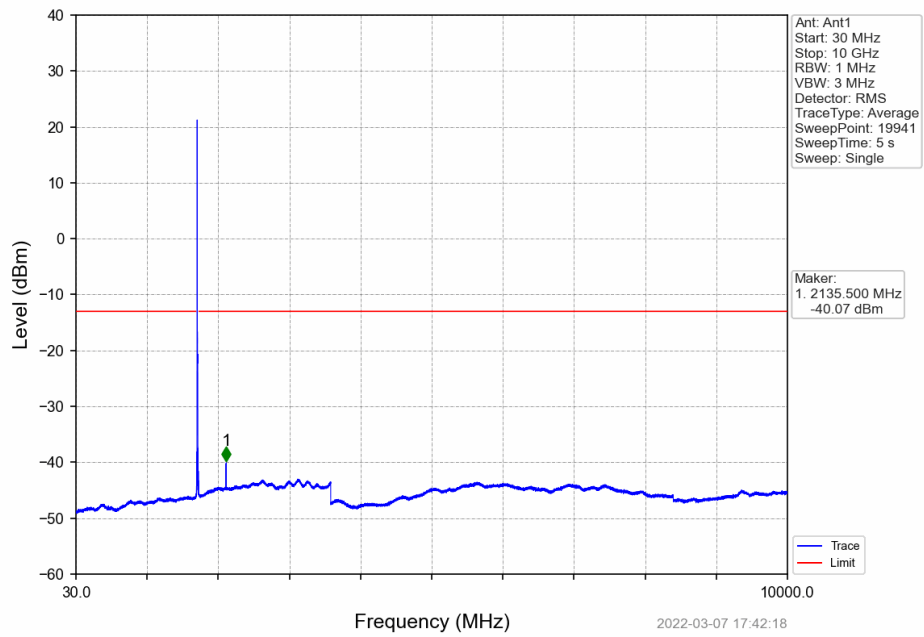


# Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

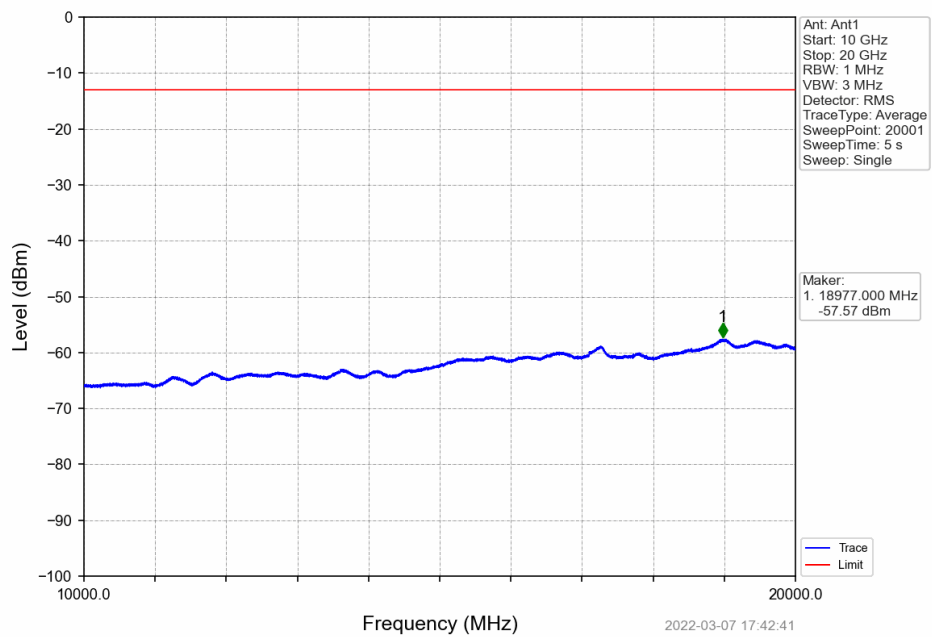




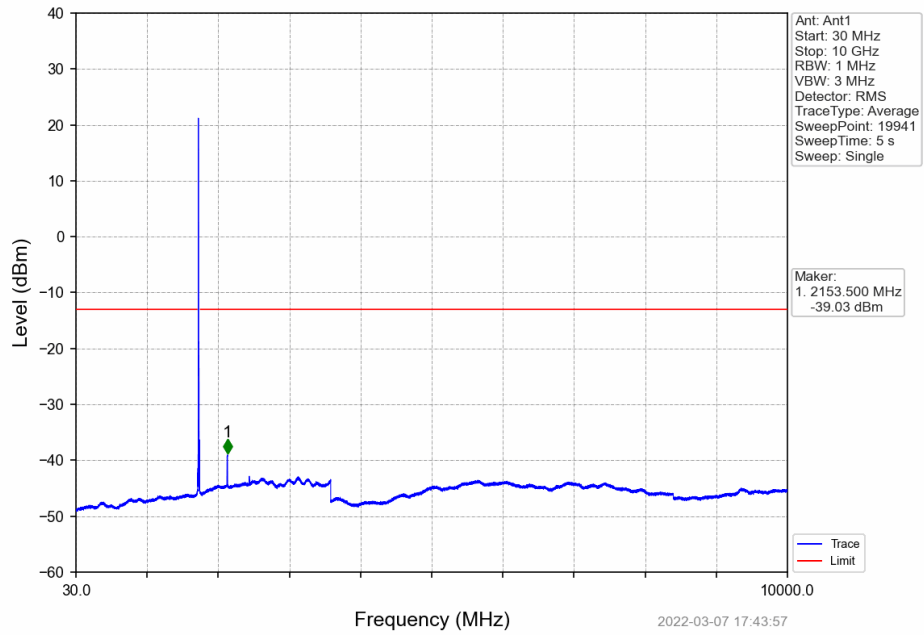
# Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



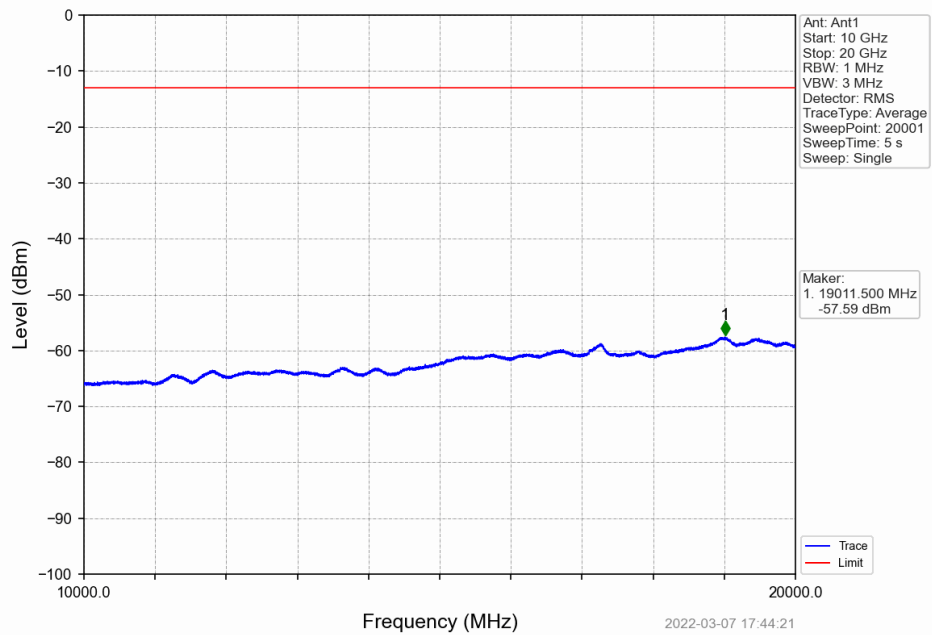
# Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



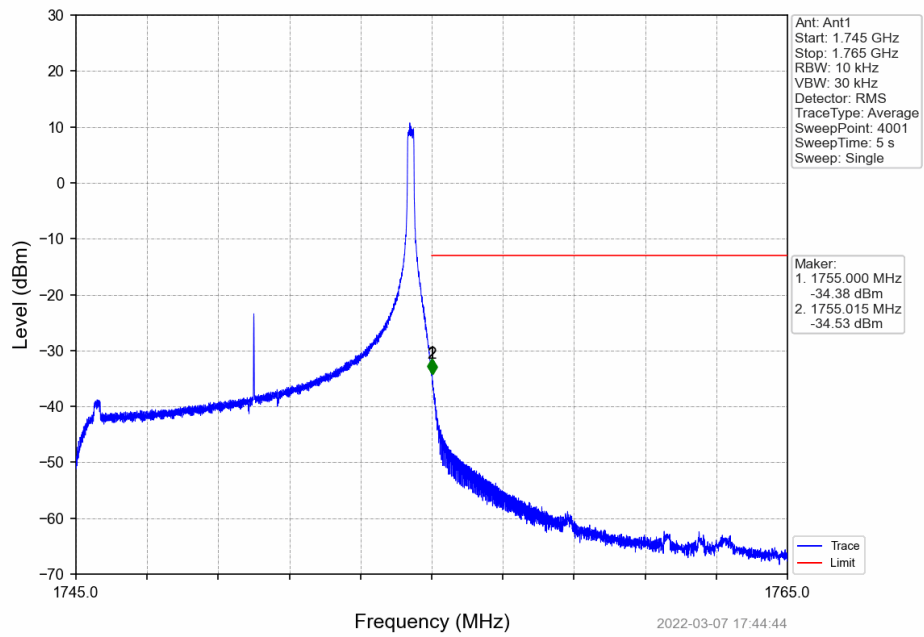
# Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



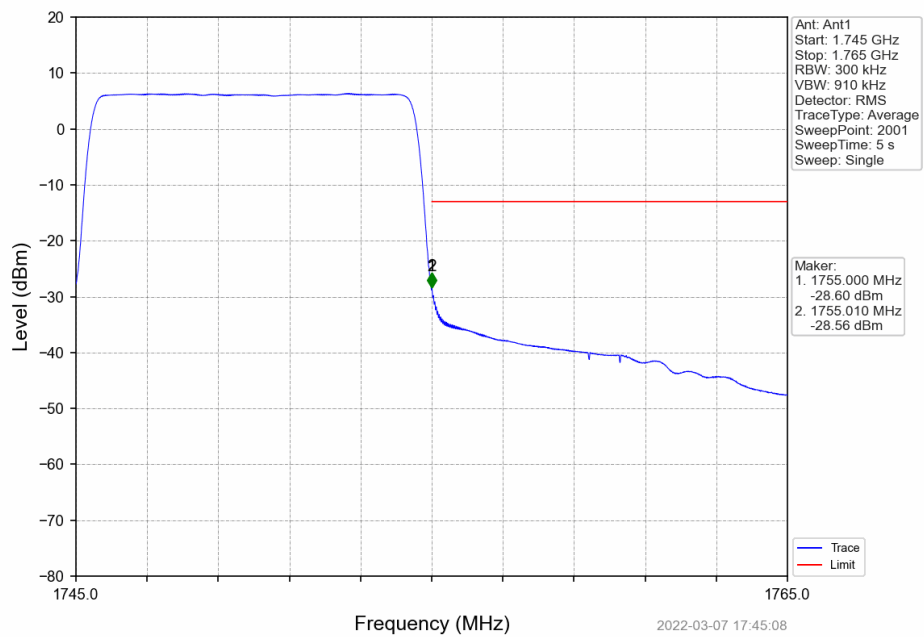
# Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



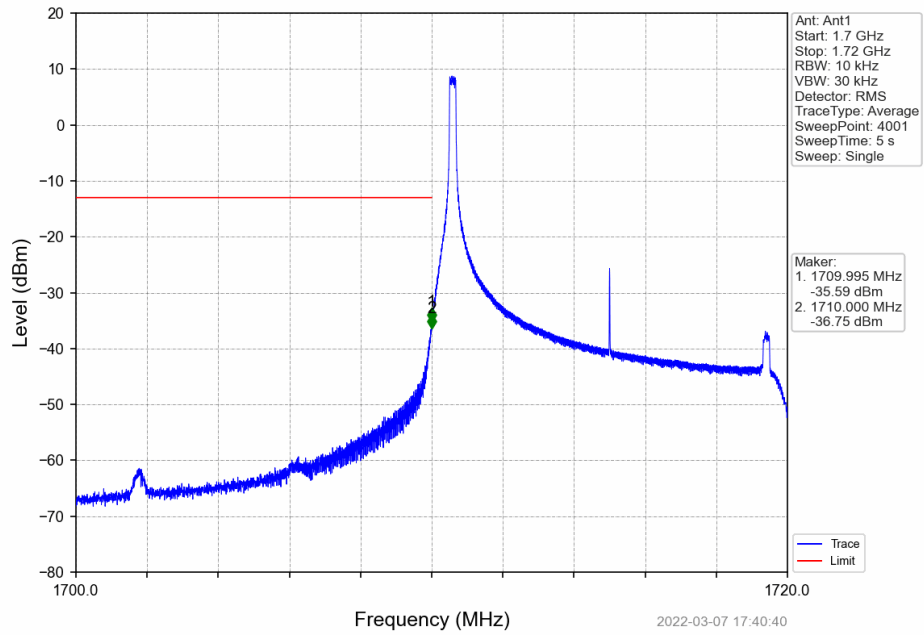
# Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_49\_NTNV



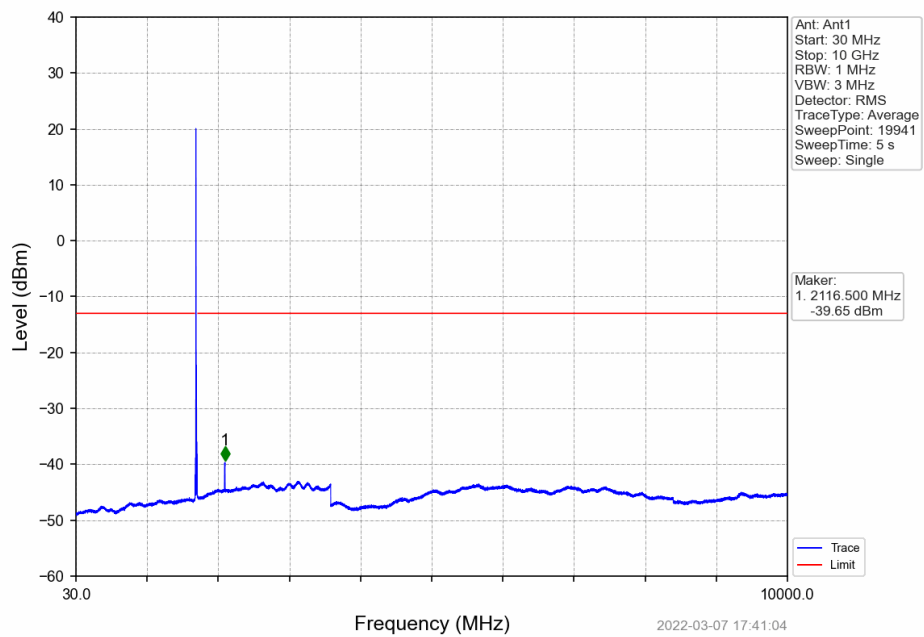
# Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_50\_0\_NTNV



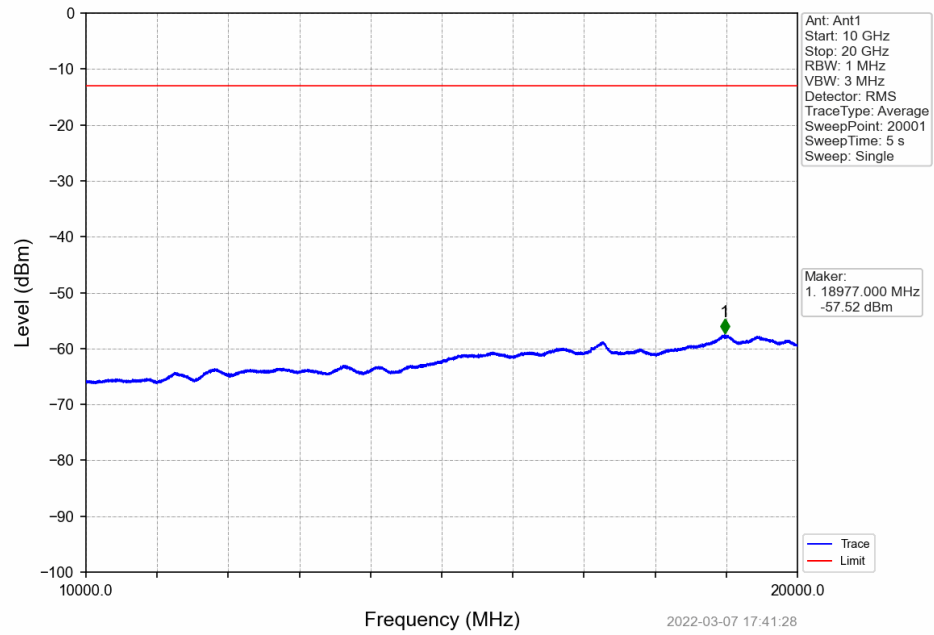
# Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



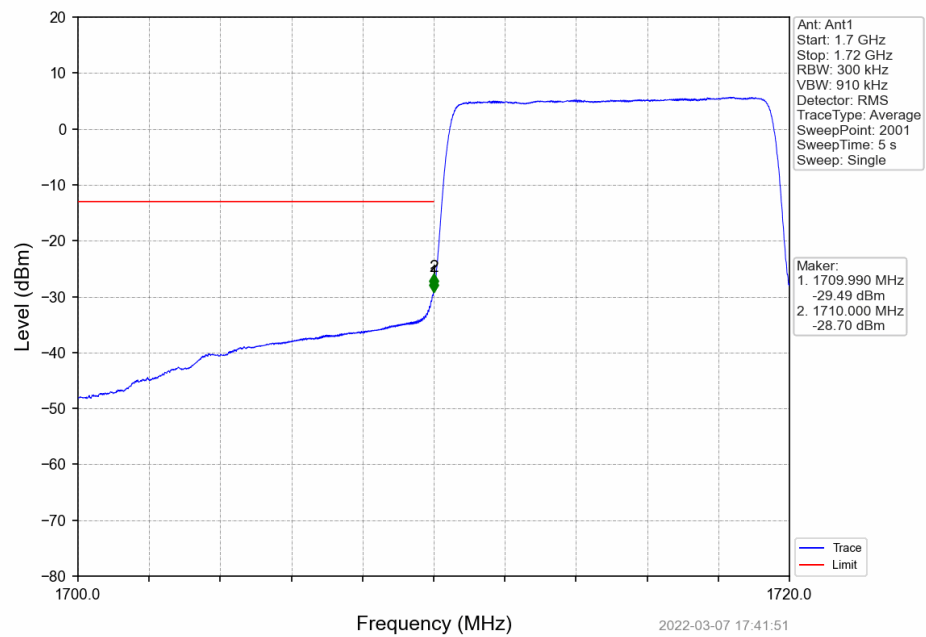
# Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



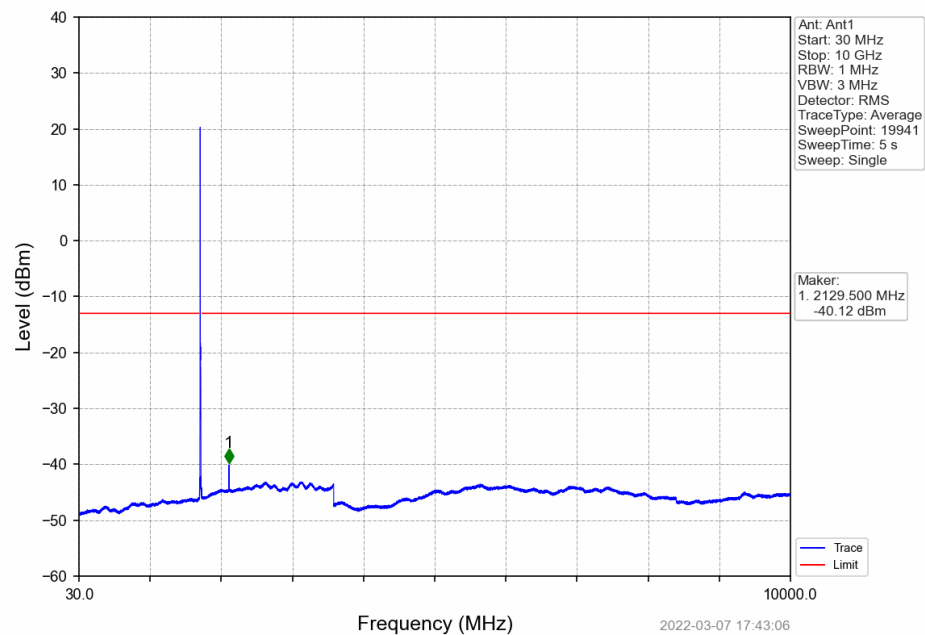
# Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



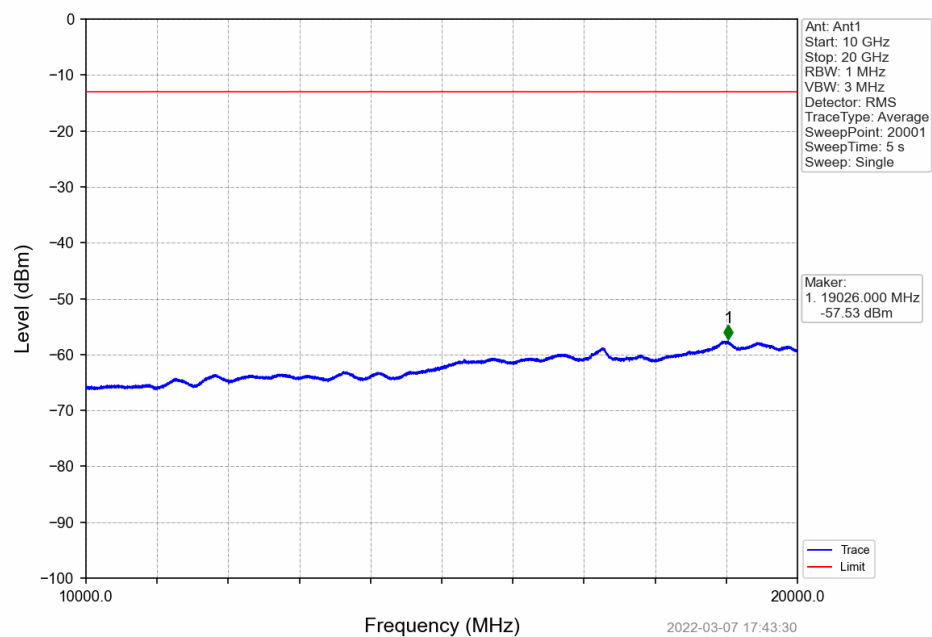
# Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



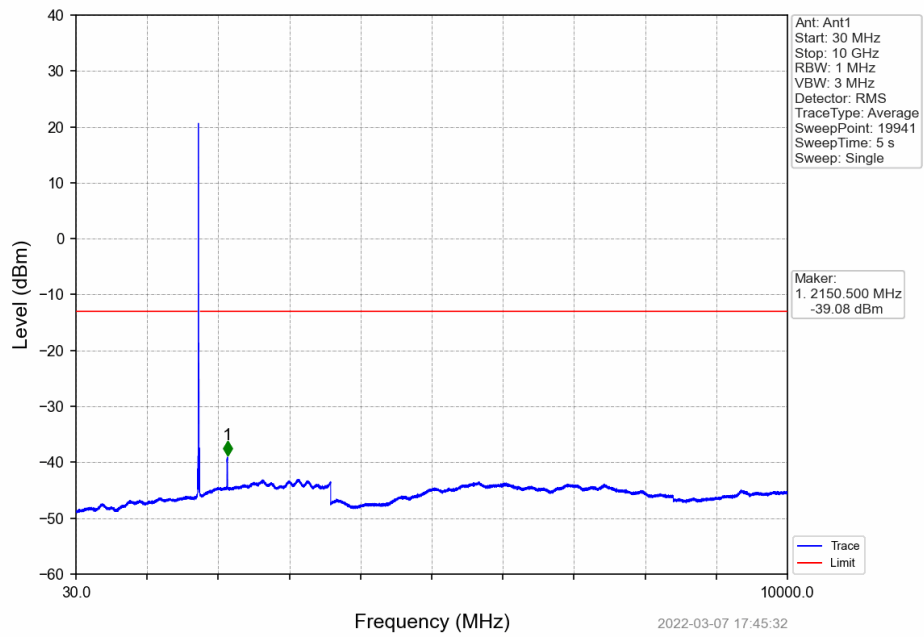
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



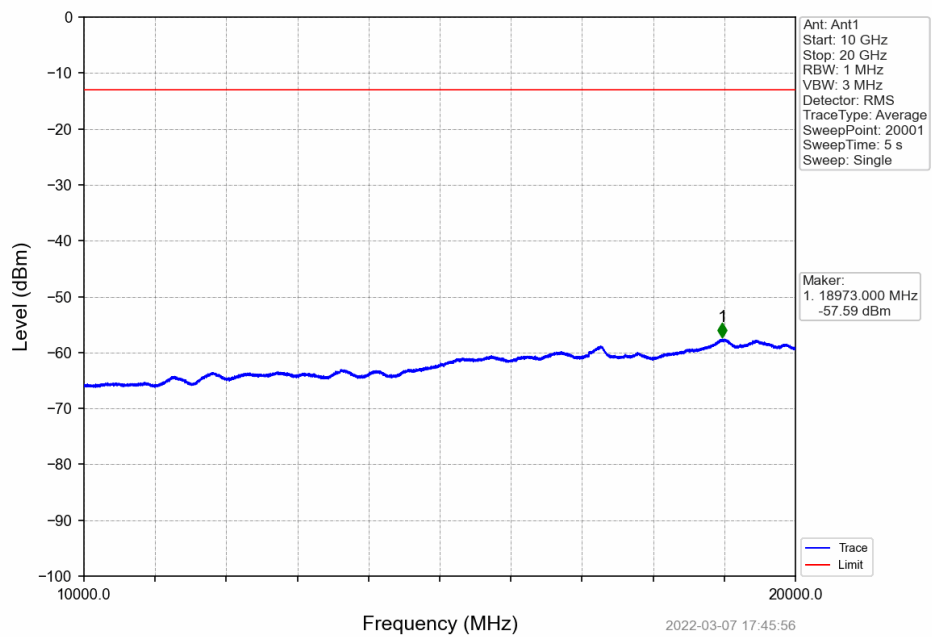
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



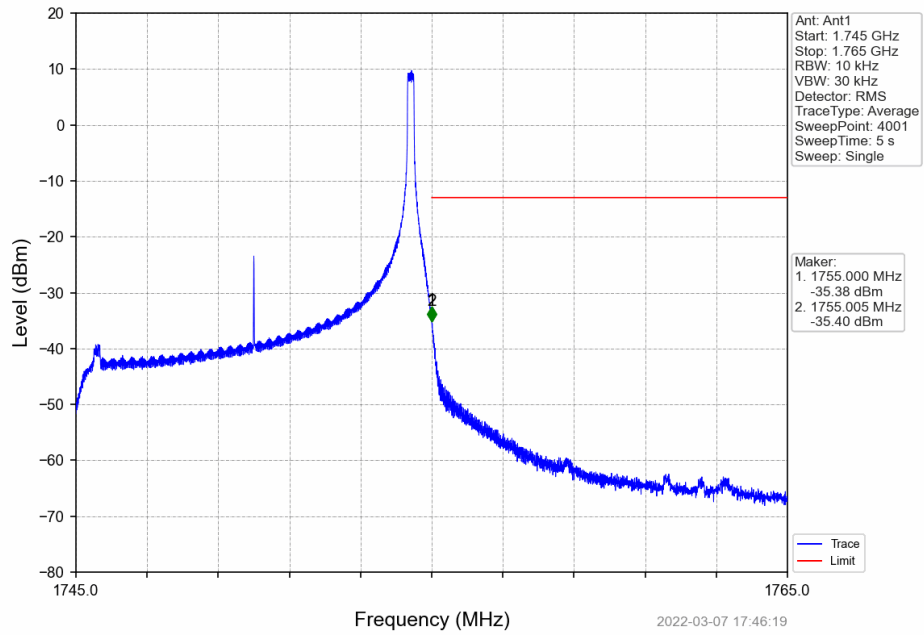
# Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV



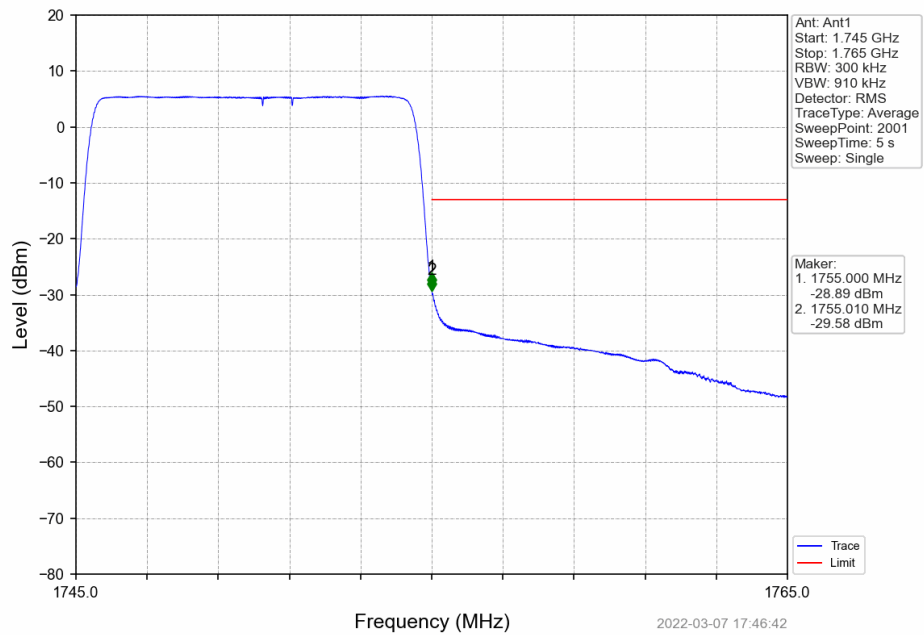
# Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV



# Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_49\_NTNV



# Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_50\_0\_NTNV



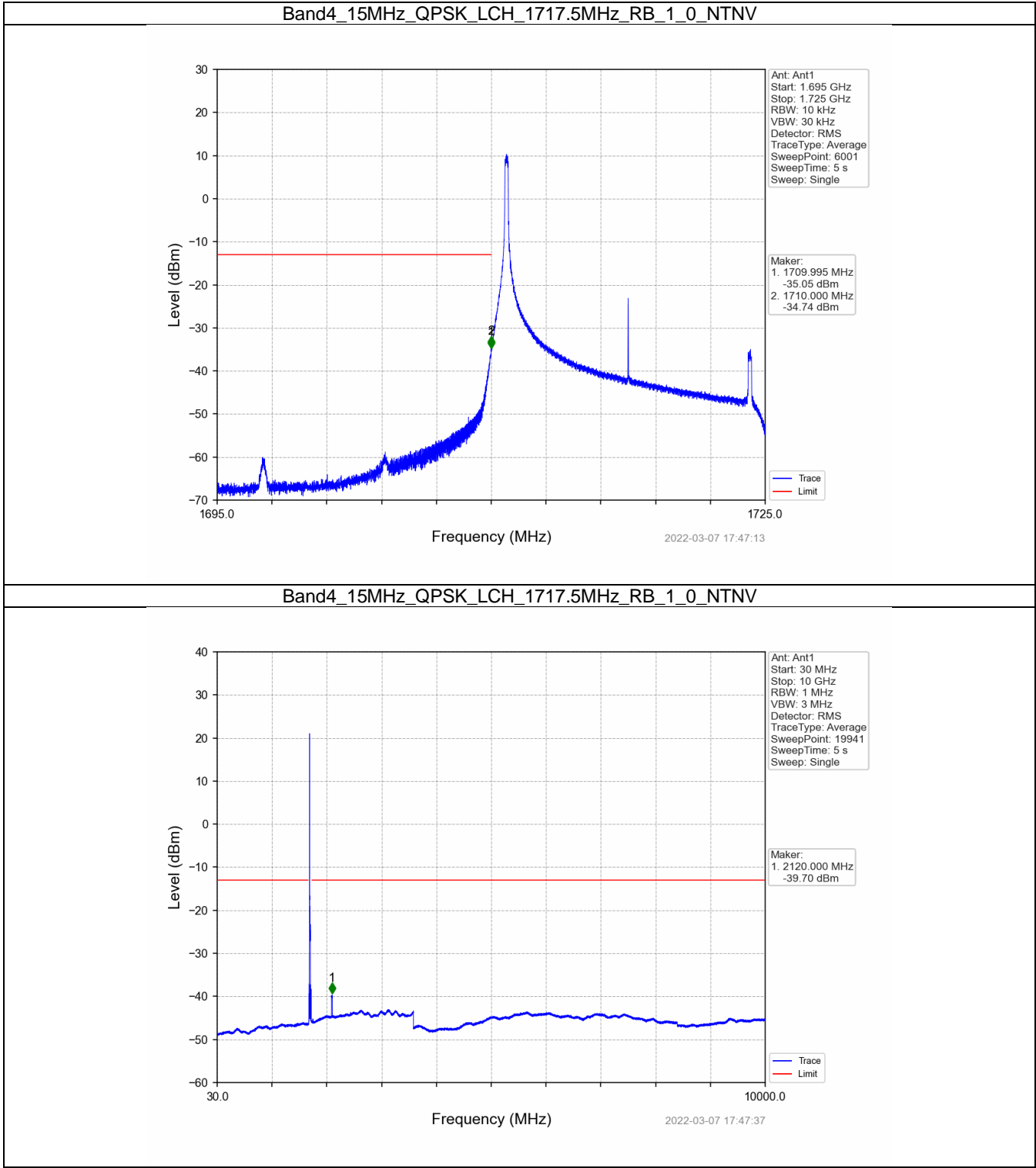


## 2.5 B4\_15MHz

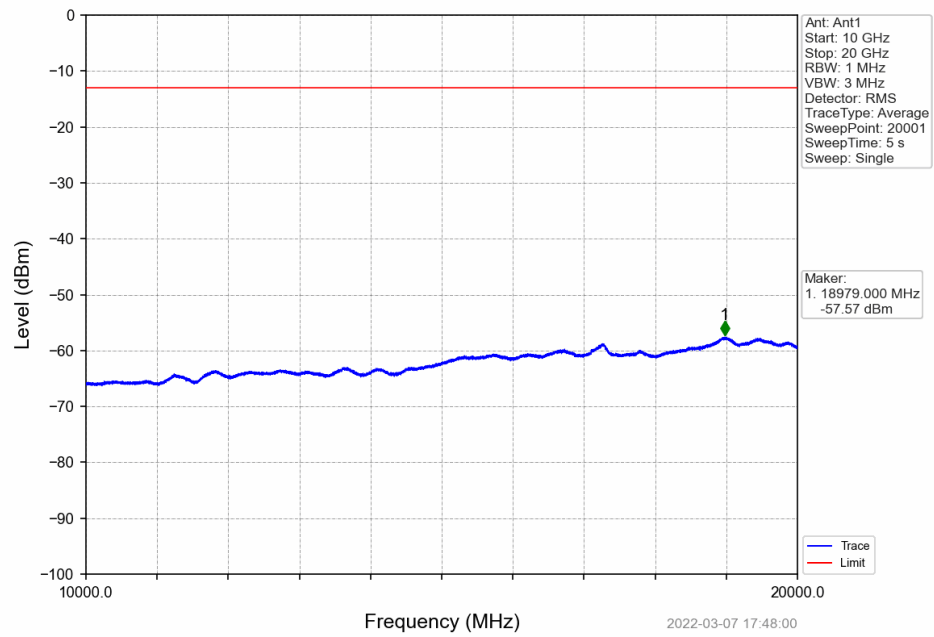
### 2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

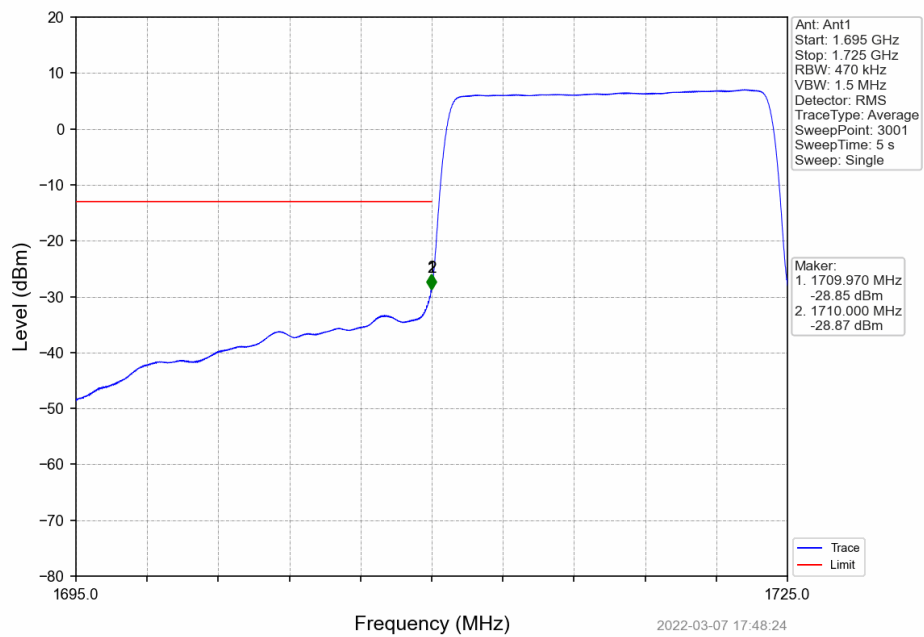
2.5.2 Test Graph



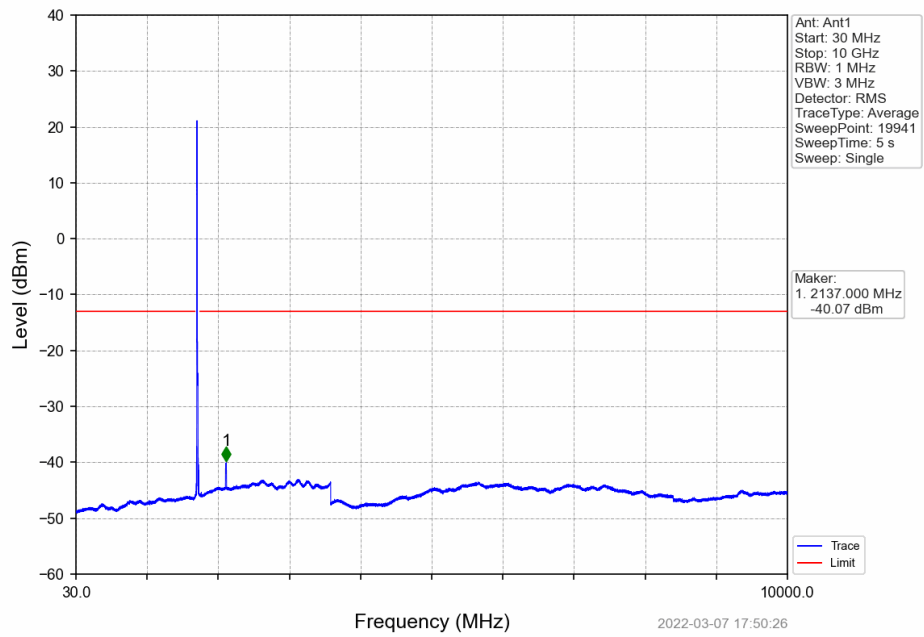
# Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



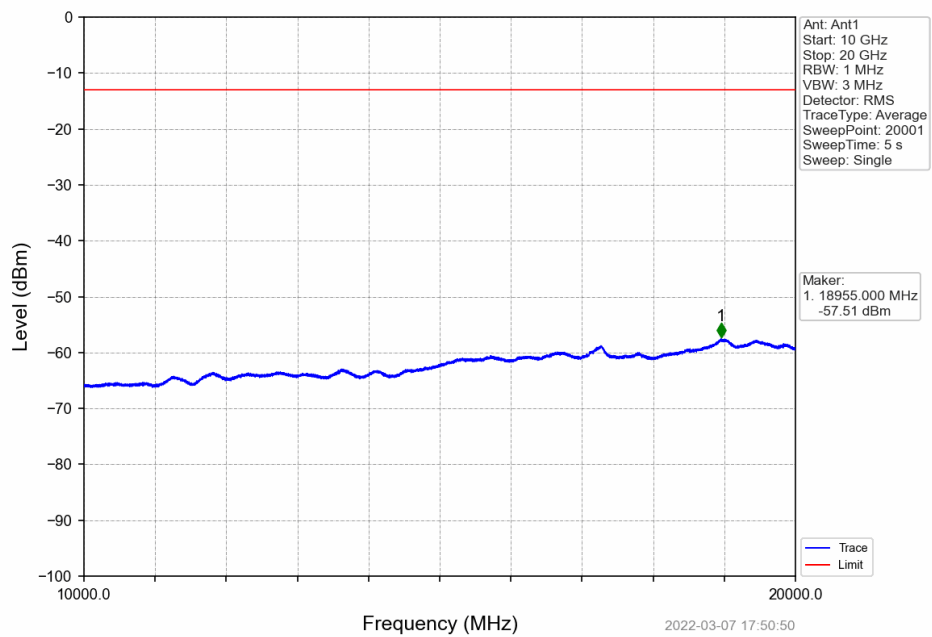
# Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



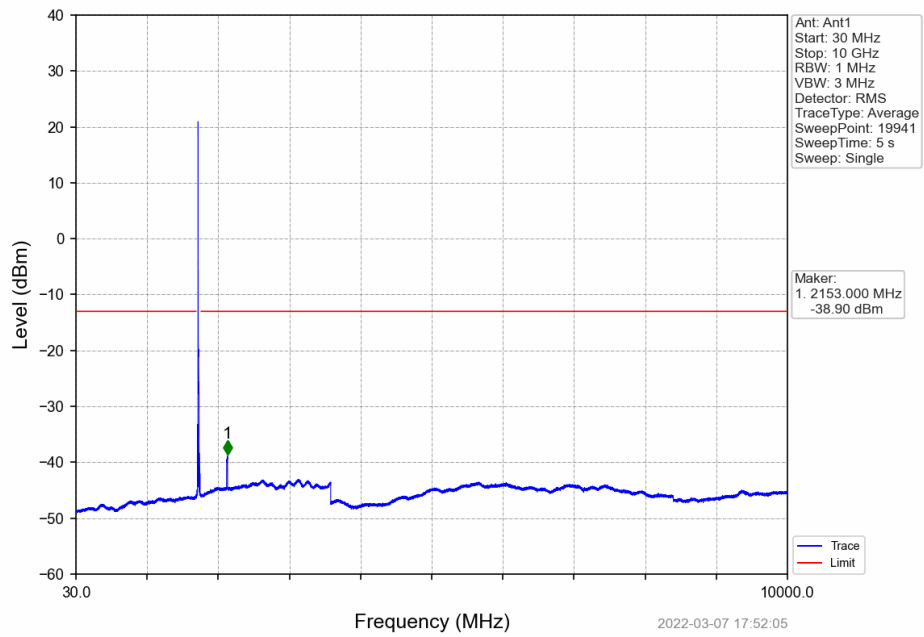
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



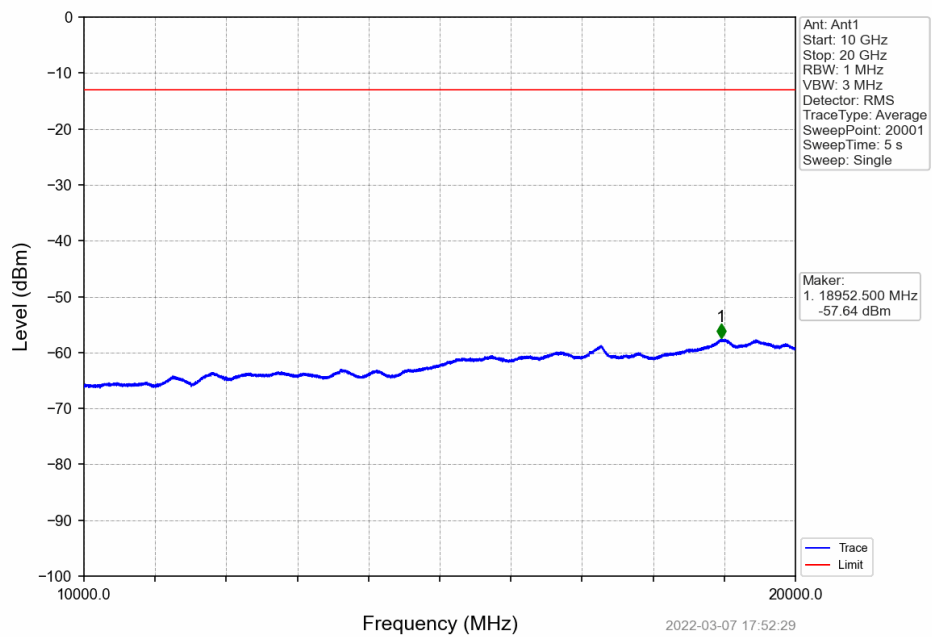
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



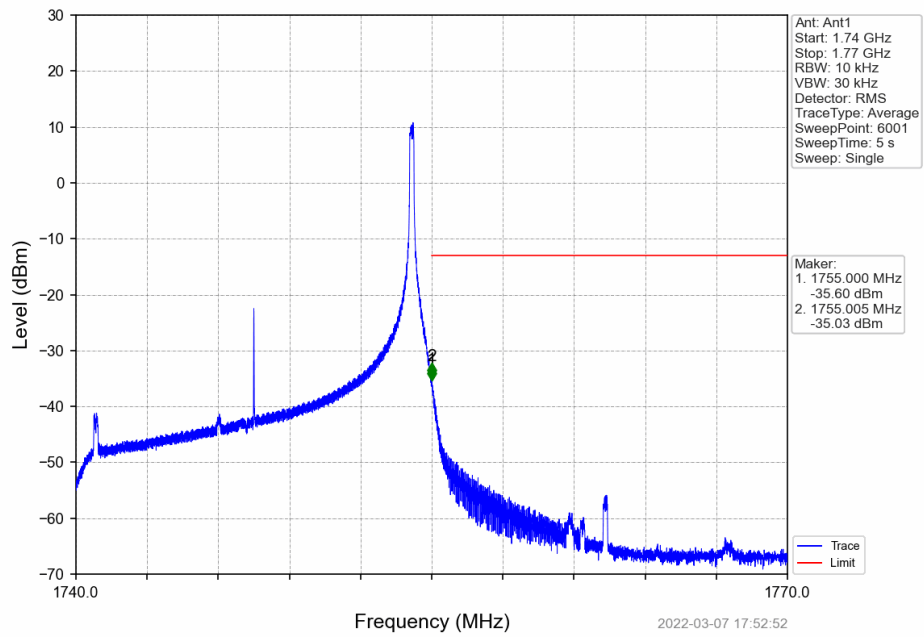
# Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



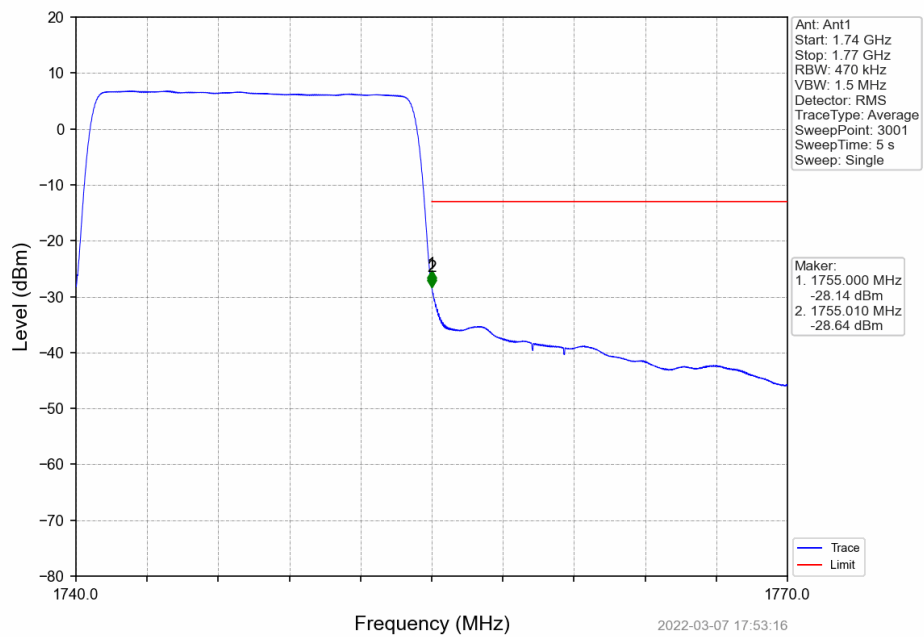
# Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



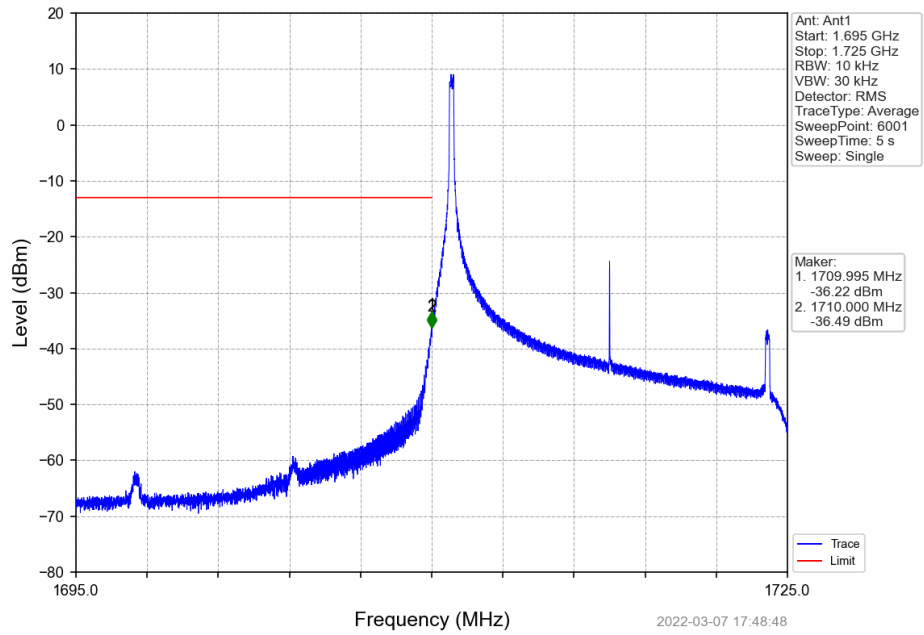
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_74\_NTNV



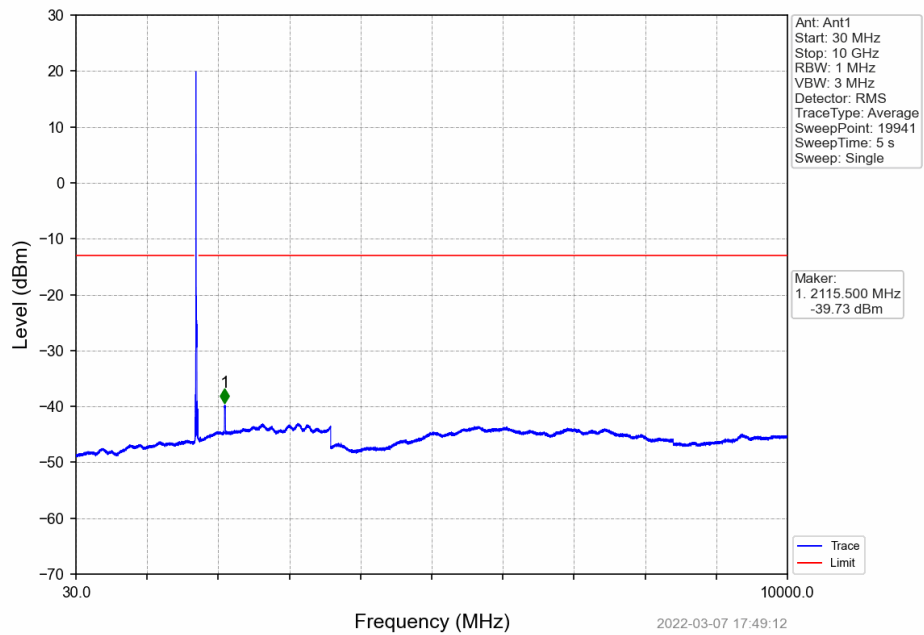
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



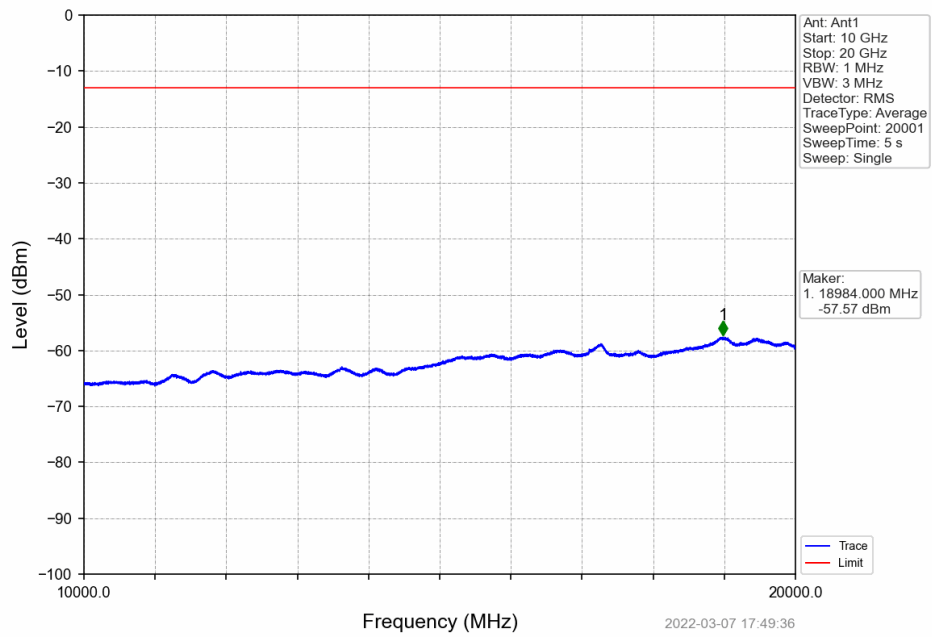
# Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



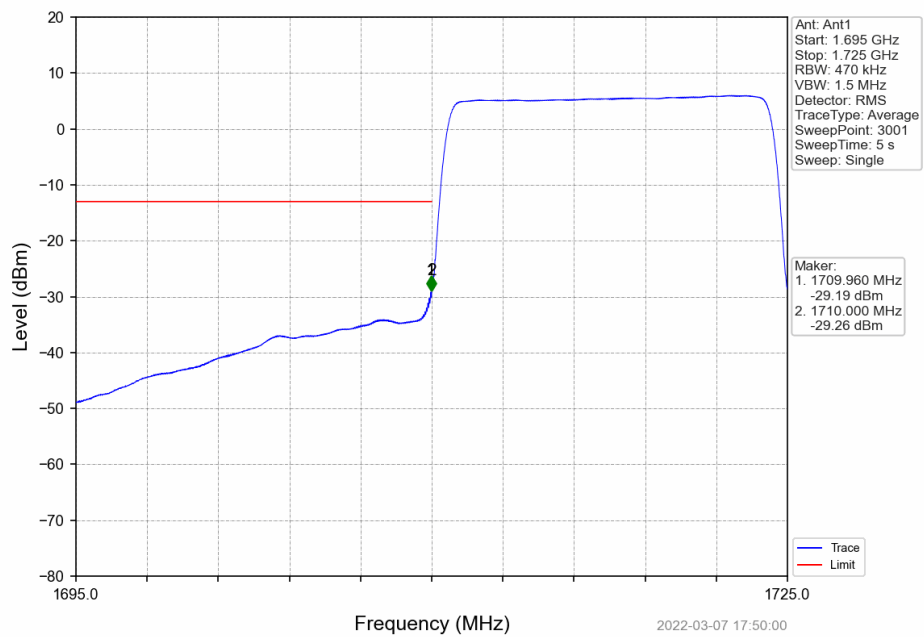
# Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



# Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV

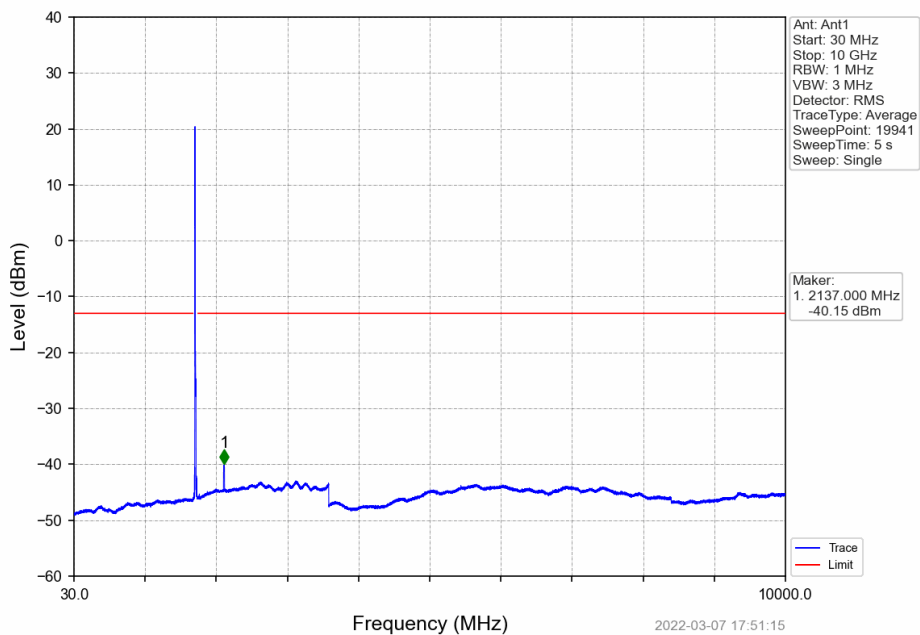


# Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

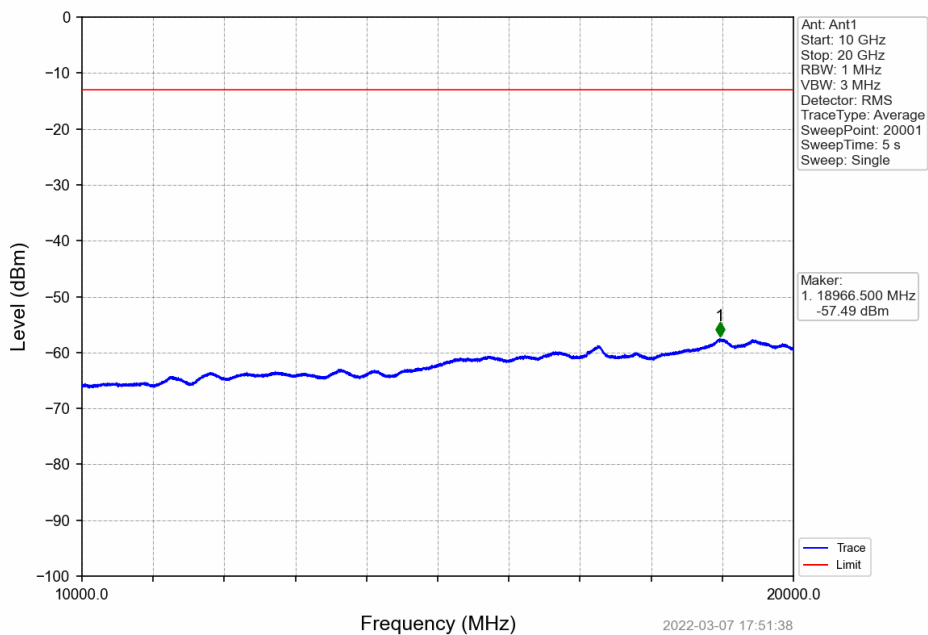




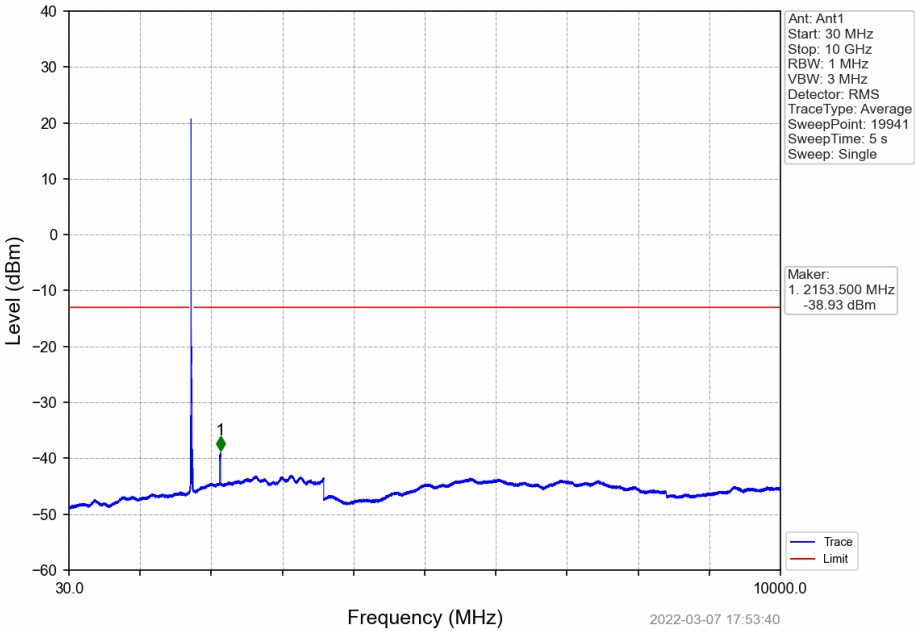
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



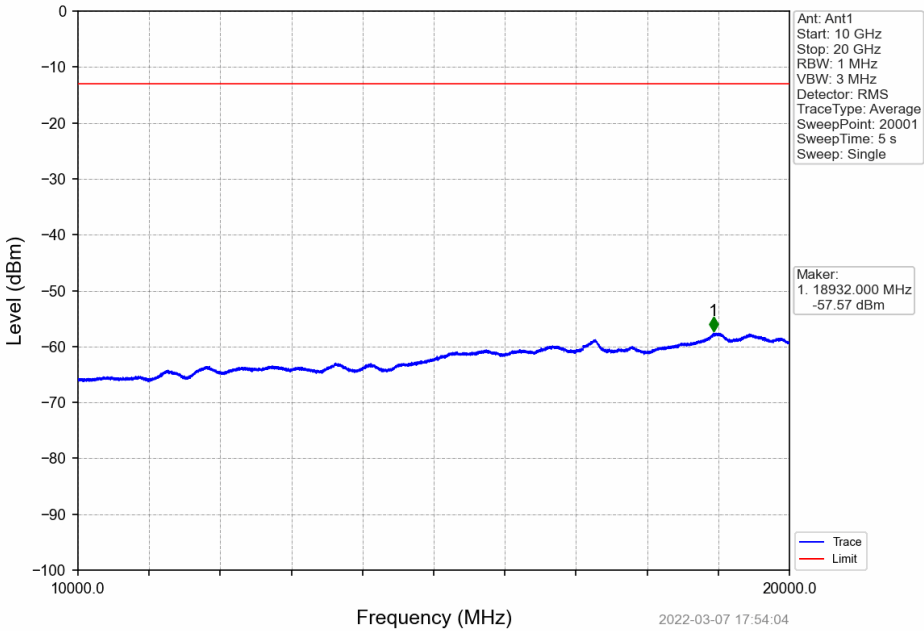
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



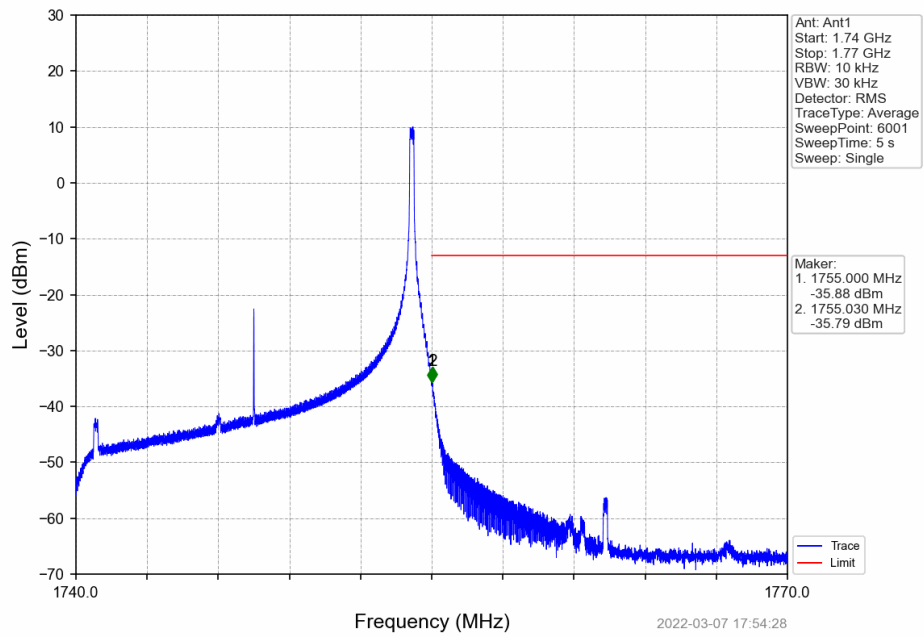
Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



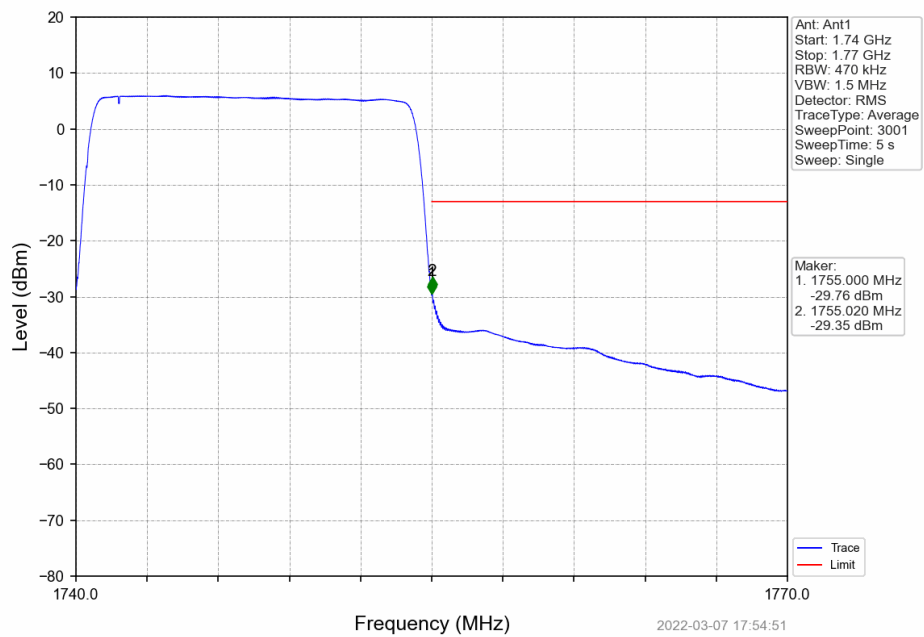
Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_1\_74\_NTNV



Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV

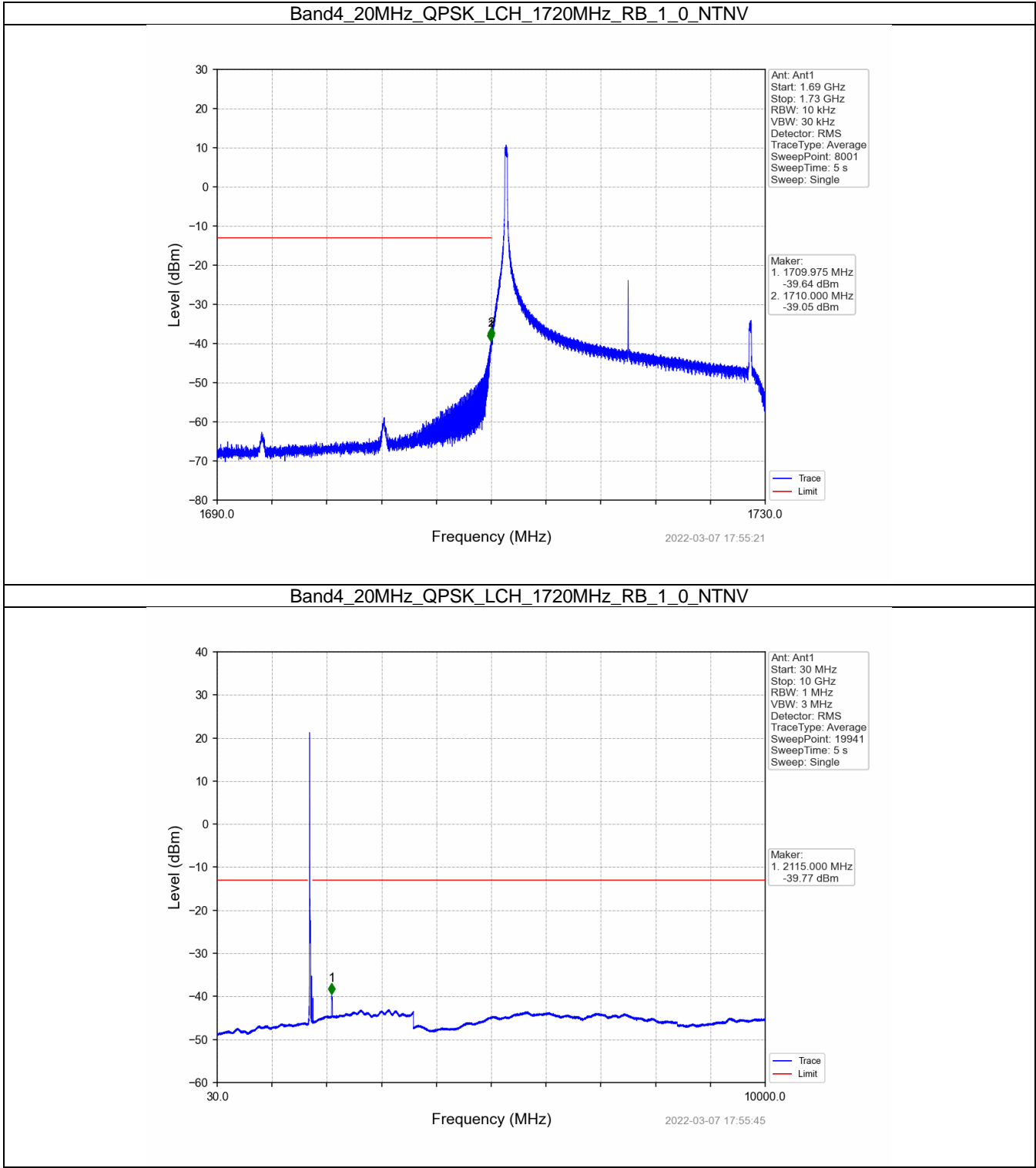


2.6 B4\_20MHz

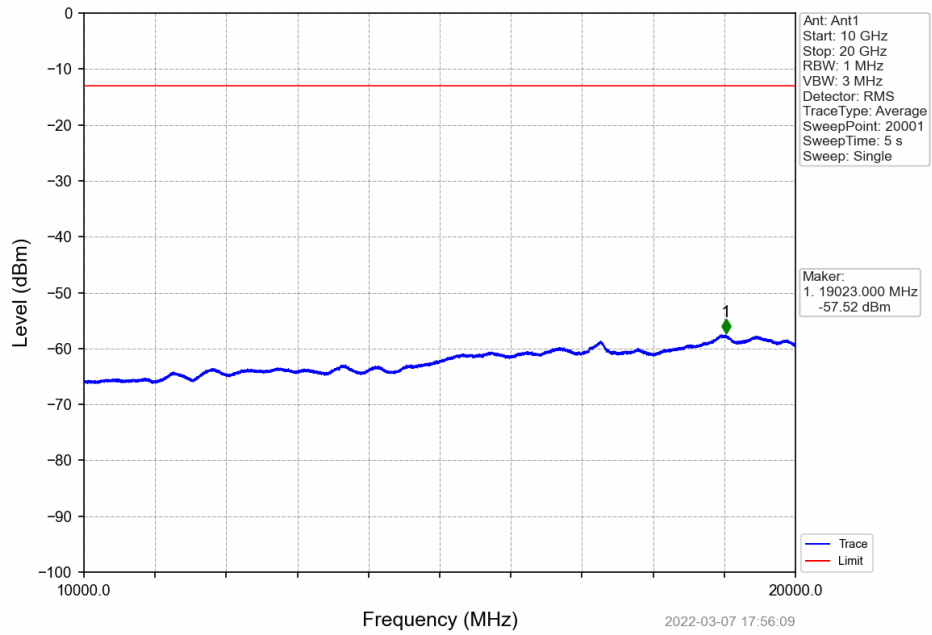
2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

2.6.2 Test Graph



# Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV



# Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV

