

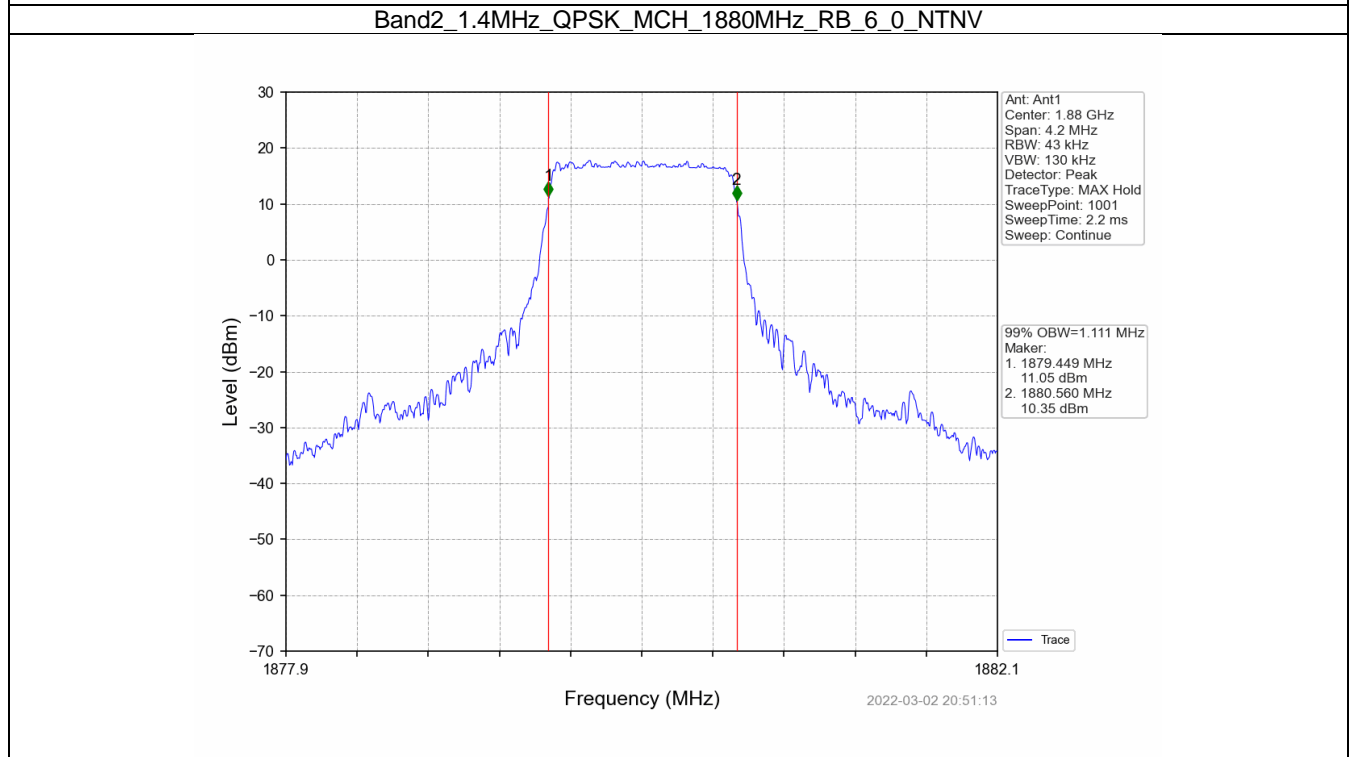
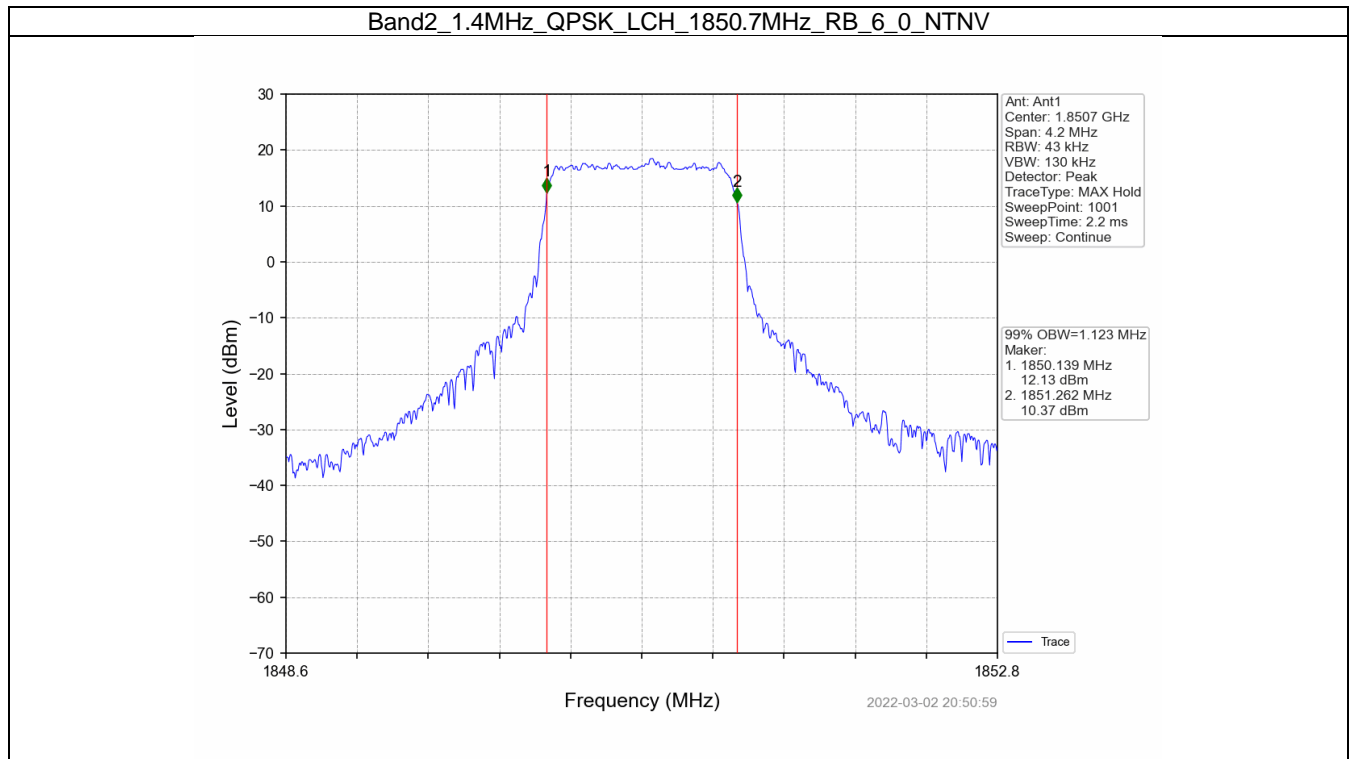
# 1. 99% & 26dB Bandwidth

## 1.1 Band2\_OBW

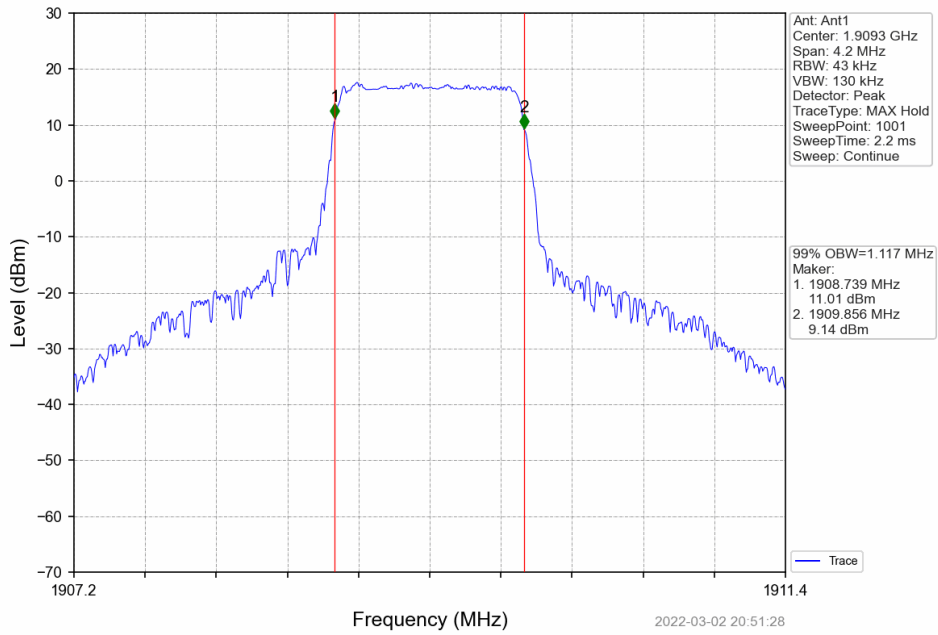
### 1.1.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.123	Pass
		1880	6	0	1.111	Pass
		1909.3	6	0	1.117	Pass
	16QAM	1850.7	6	0	1.118	Pass
		1880	6	0	1.113	Pass
		1909.3	6	0	1.118	Pass
3	QPSK	1851.5	15	0	2.770	Pass
		1880	15	0	2.762	Pass
		1908.5	15	0	2.754	Pass
	16QAM	1851.5	15	0	2.772	Pass
		1880	15	0	2.761	Pass
		1908.5	15	0	2.761	Pass
5	QPSK	1852.5	25	0	4.598	Pass
		1880	25	0	4.572	Pass
		1902.5	25	0	4.555	Pass
	16QAM	1852.5	25	0	4.591	Pass
		1880	25	0	4.600	Pass
		1902.5	25	0	4.592	Pass
10	QPSK	1855	50	0	9.087	Pass
		1880	50	0	9.043	Pass
		1905	50	0	9.061	Pass
	16QAM	1855	50	0	9.095	Pass
		1880	50	0	9.098	Pass
		1905	50	0	9.062	Pass
15	QPSK	1852.5	75	0	13.657	Pass
		1880	75	0	13.607	Pass
		1902.5	75	0	13.594	Pass
	16QAM	1852.5	75	0	13.632	Pass
		1880	75	0	13.614	Pass
		1902.5	75	0	13.614	Pass
20	QPSK	1860	100	0	18.133	Pass
		1880	100	0	18.152	Pass
		1900	100	0	18.190	Pass
	16QAM	1860	100	0	18.211	Pass
		1880	100	0	18.174	Pass
		1900	100	0	18.170	Pass

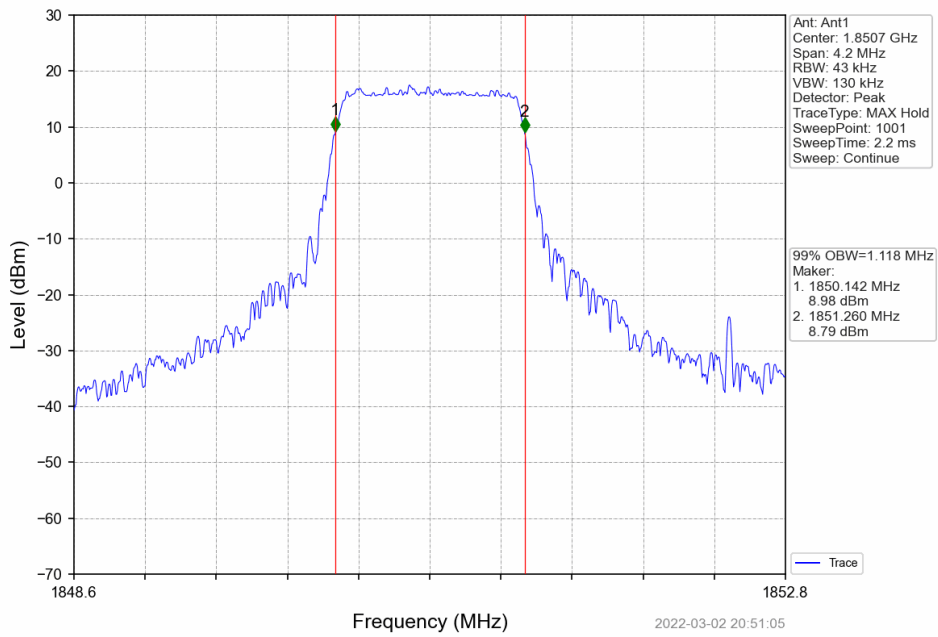
### 1.1.2 Test Graph



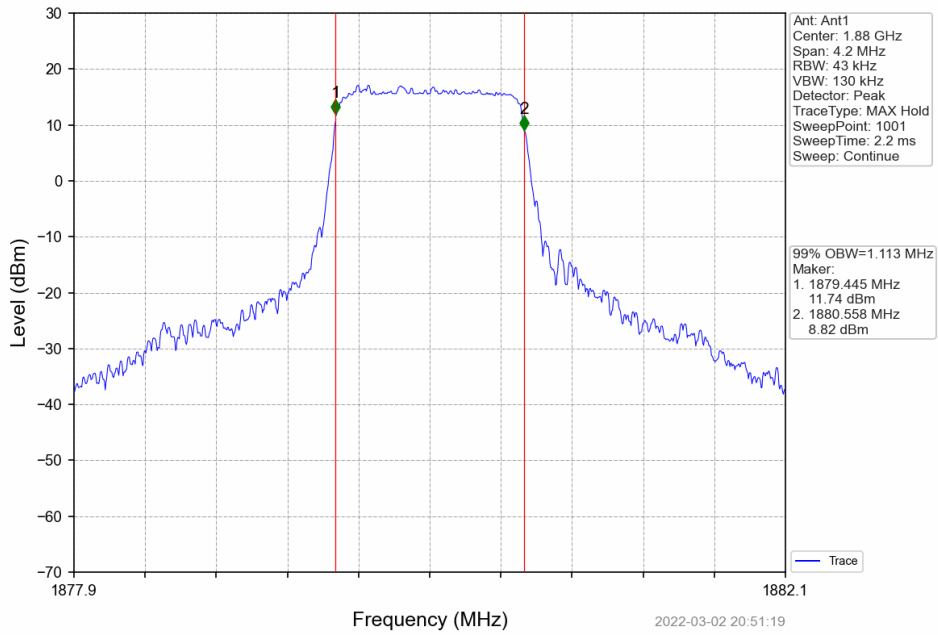
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



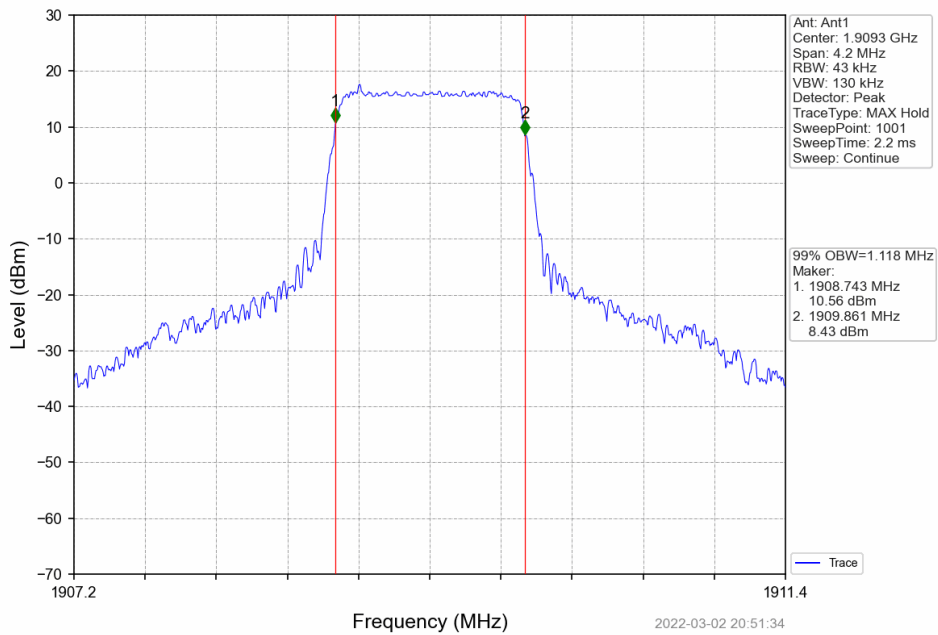
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



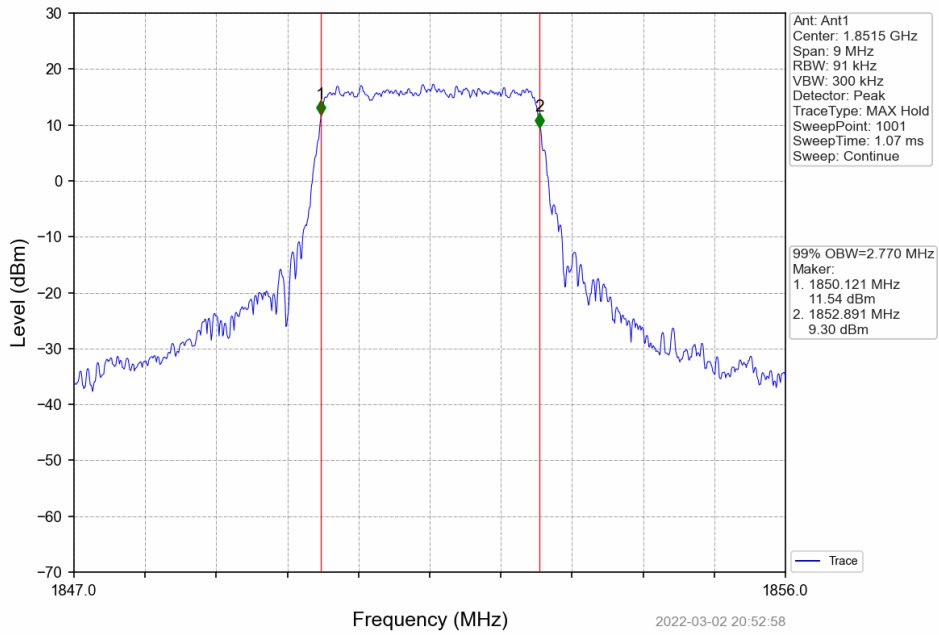
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



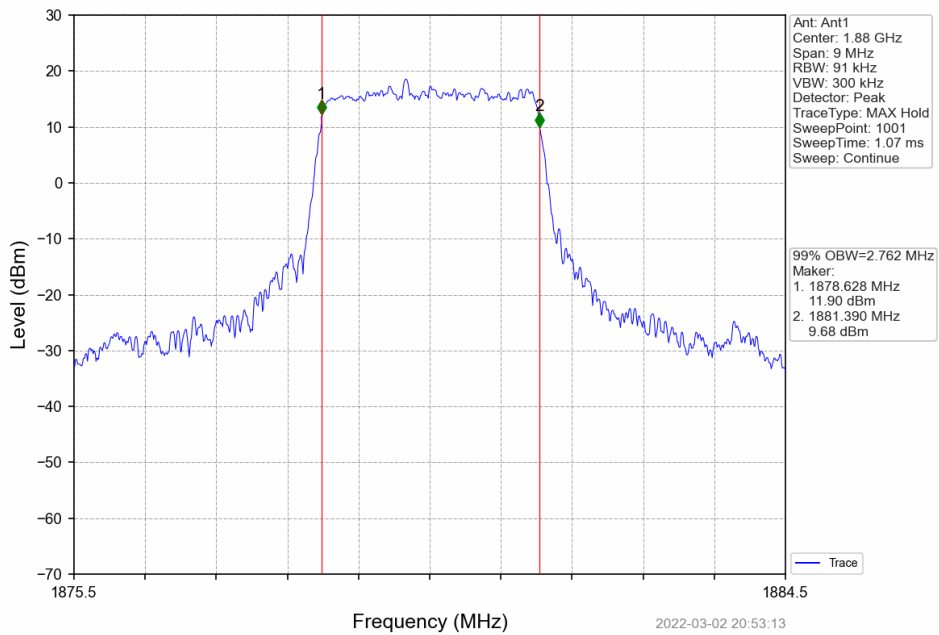
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



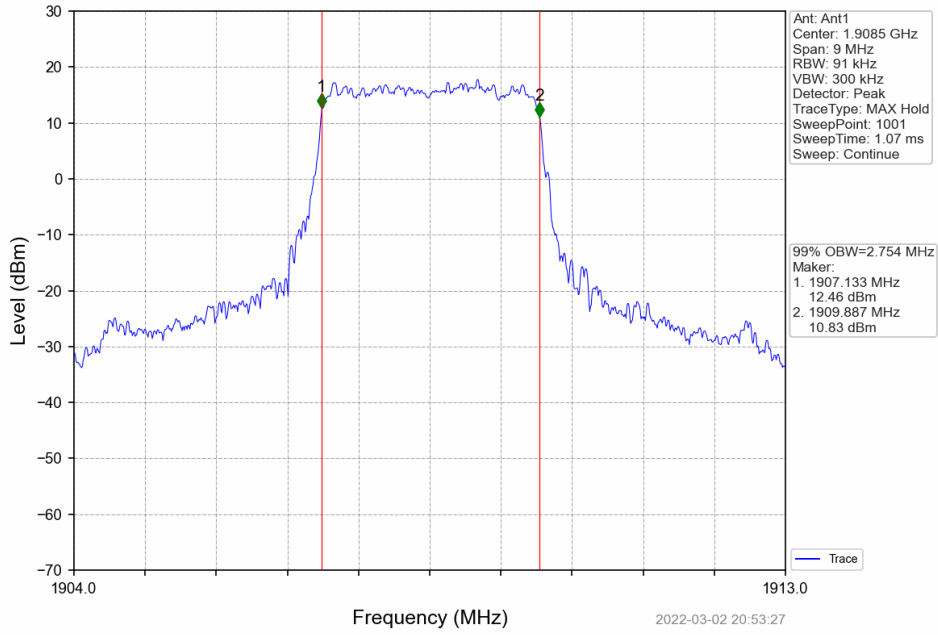
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



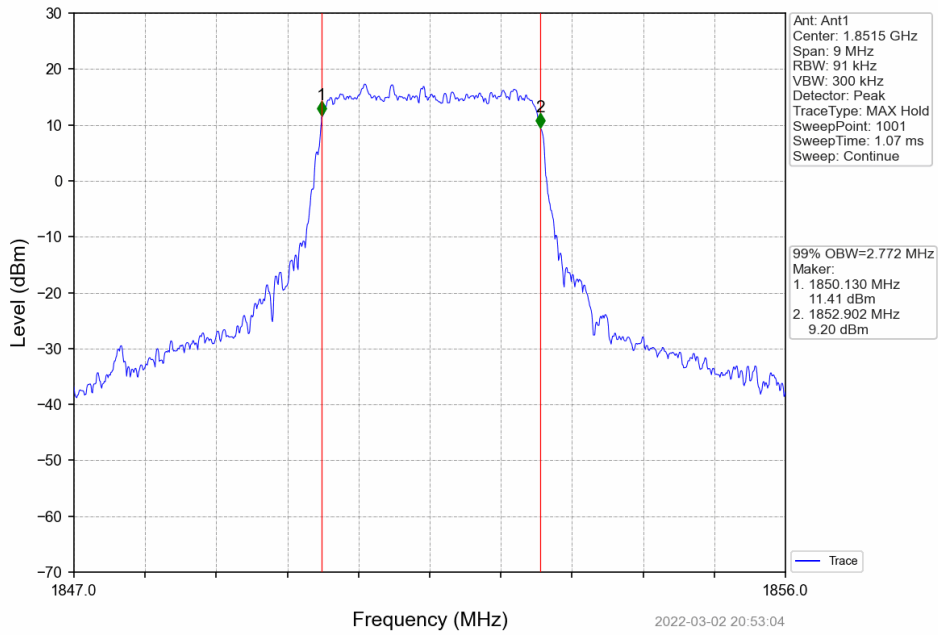
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



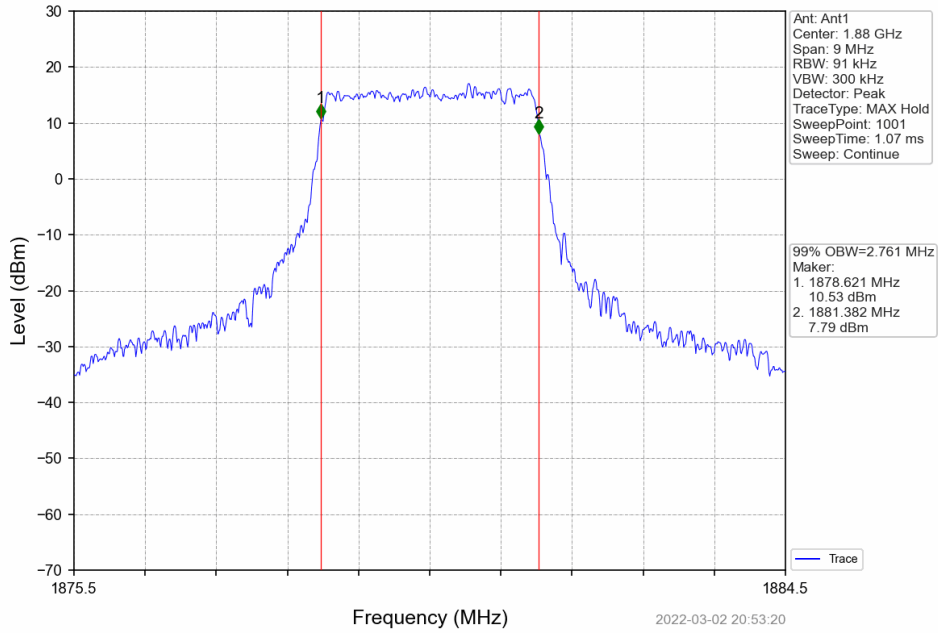
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



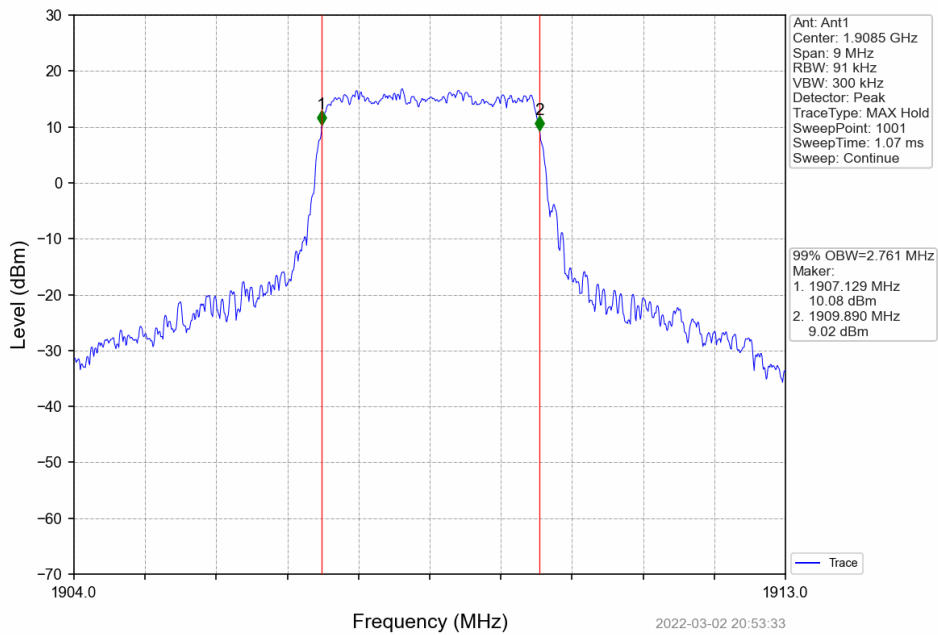
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



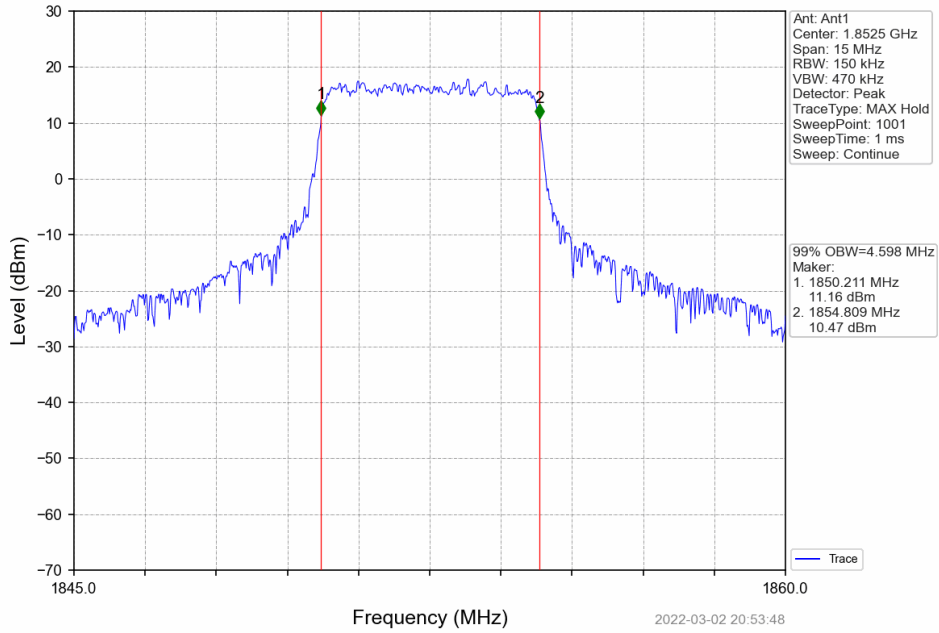
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



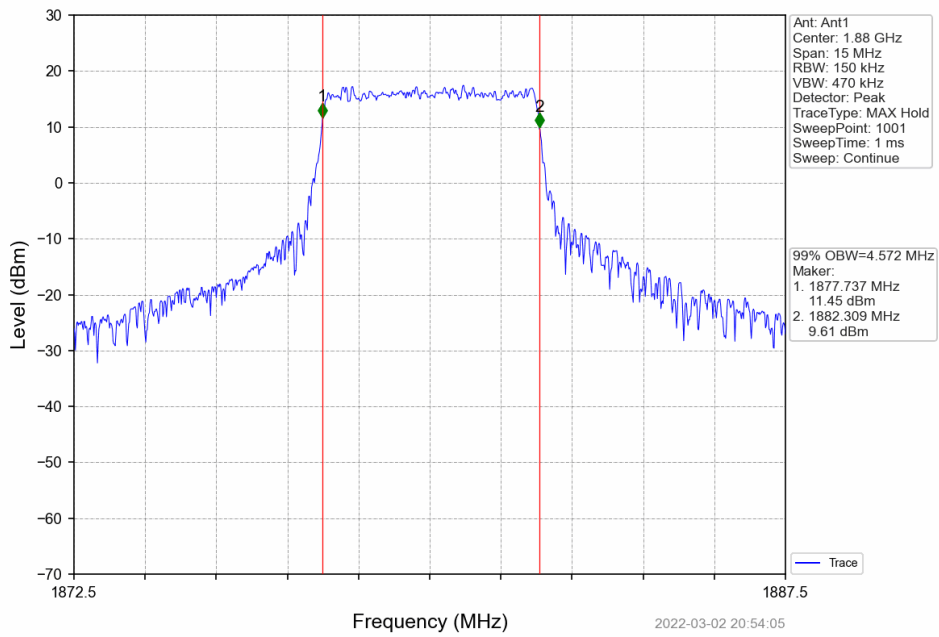
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

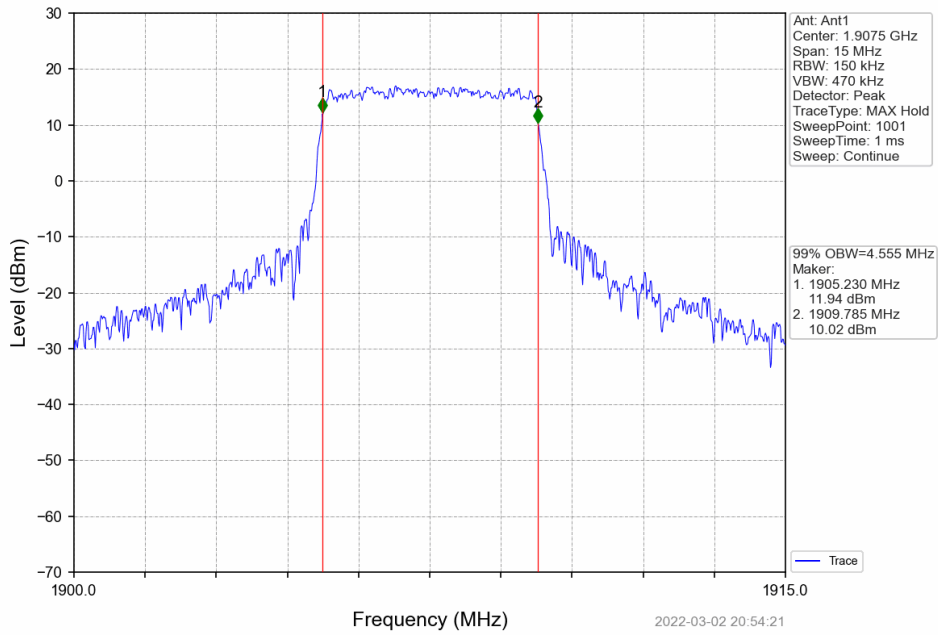


Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV

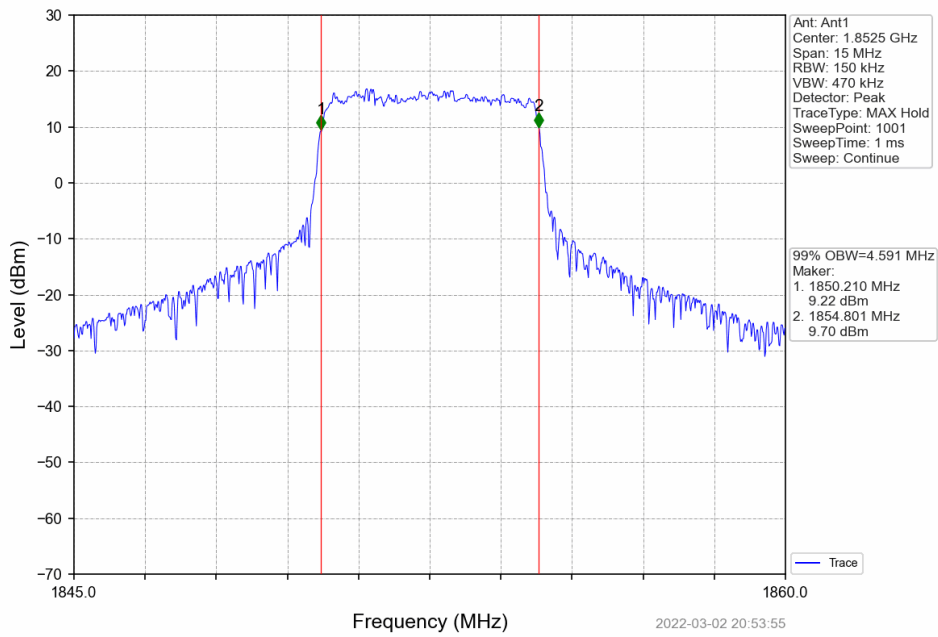




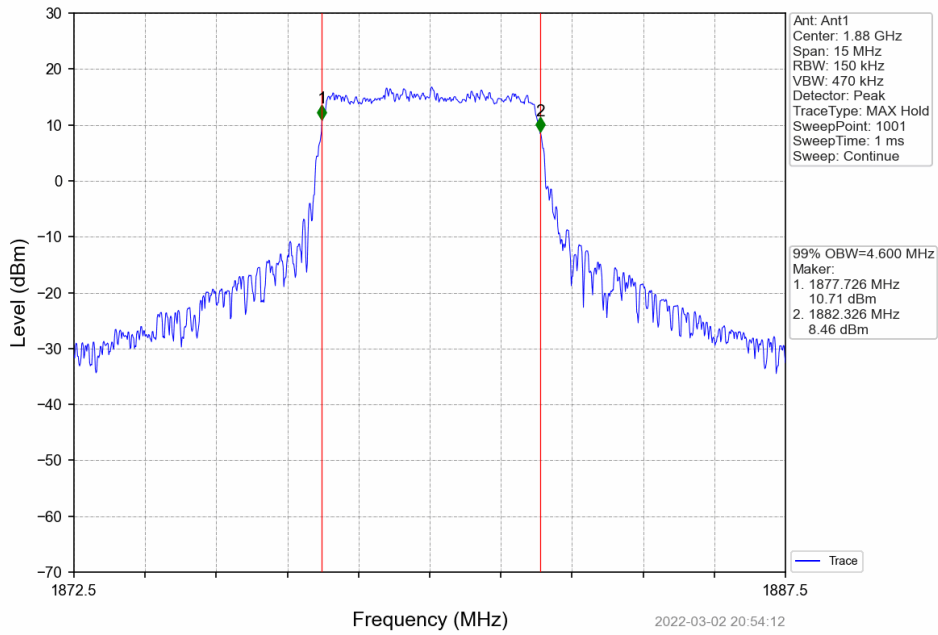
Band2\_5MHz\_QPSK\_HCH\_1902.5MHz\_RB\_25\_0\_NTNV



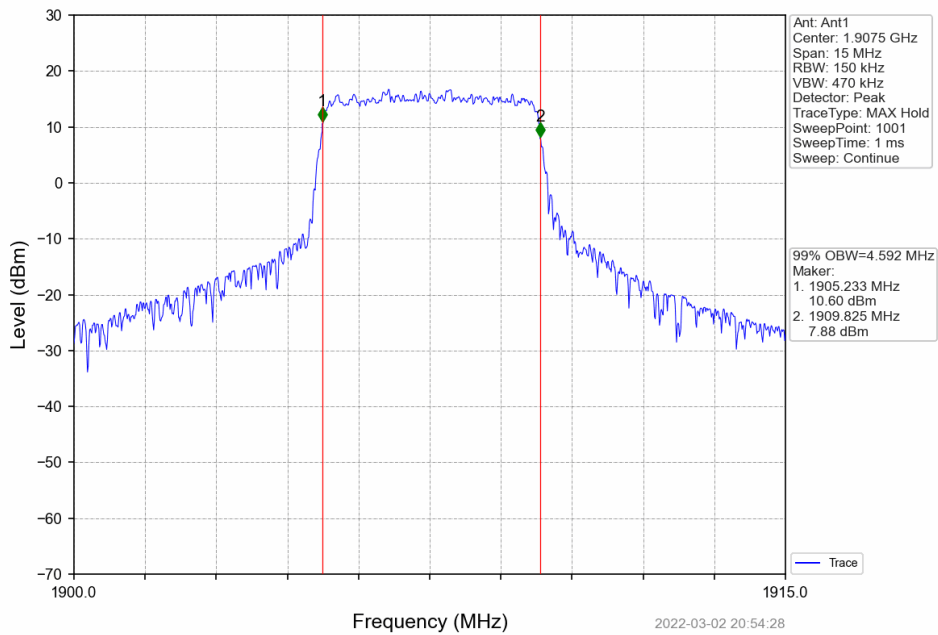
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



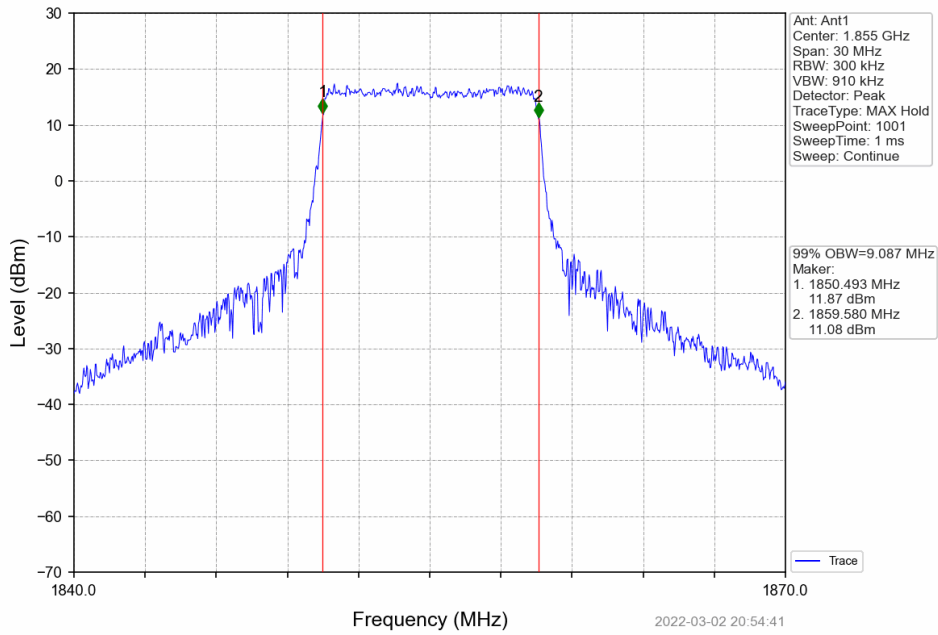
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



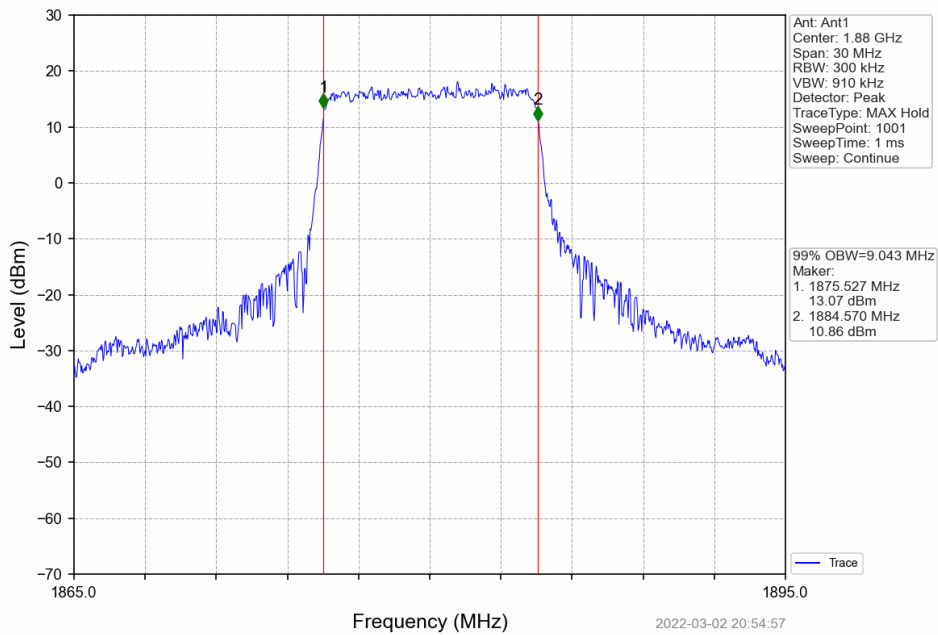
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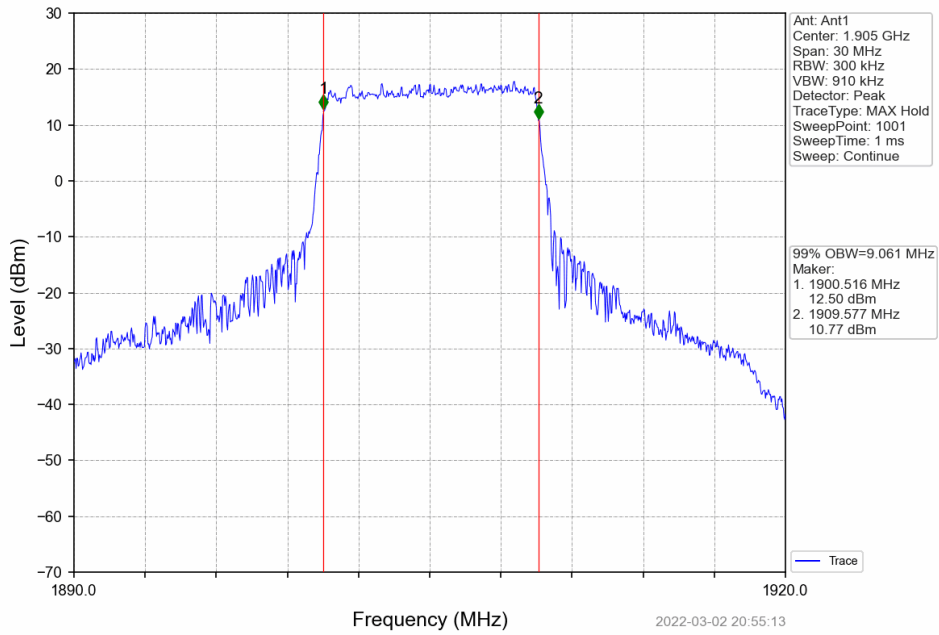
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



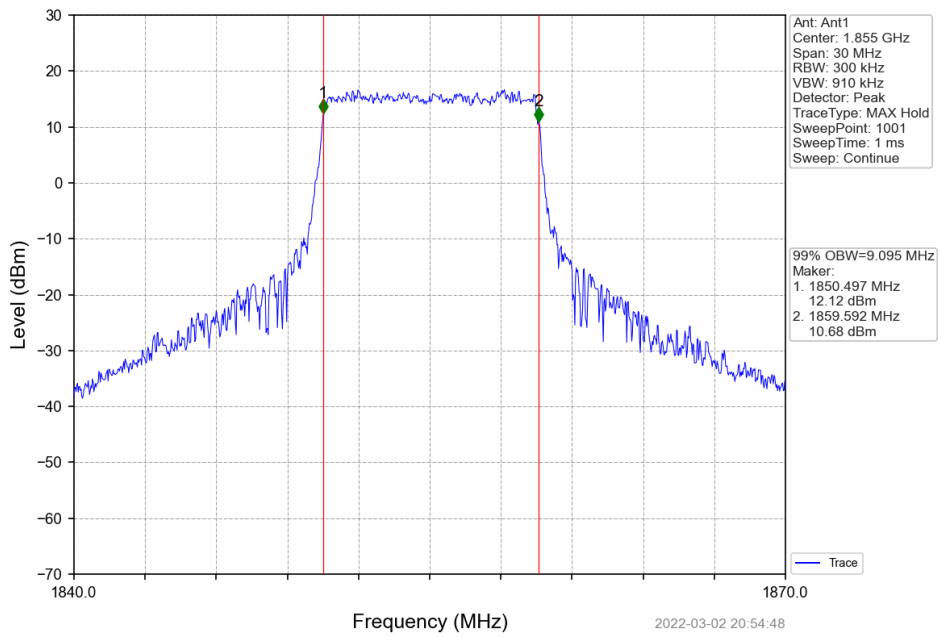
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



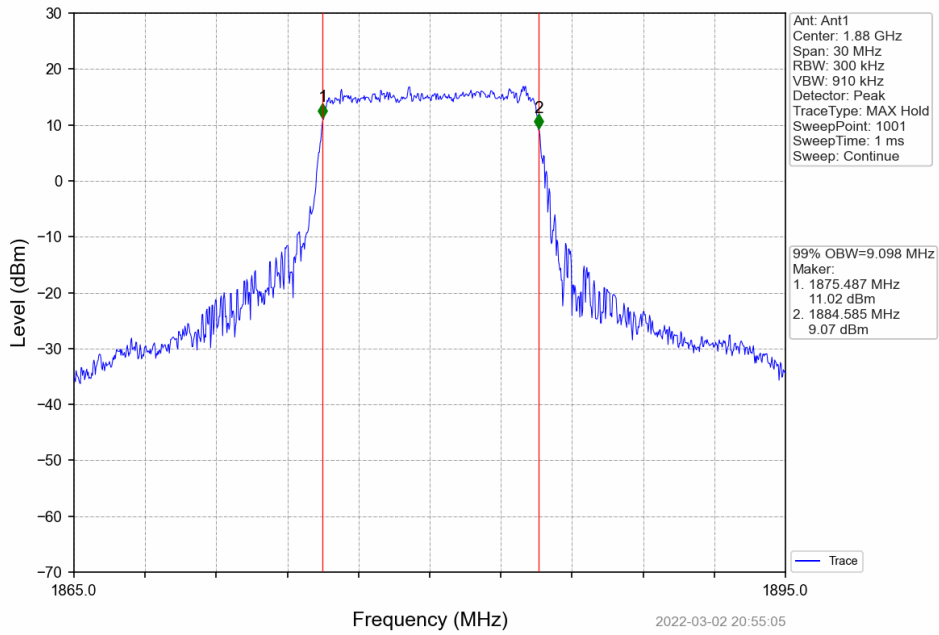
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



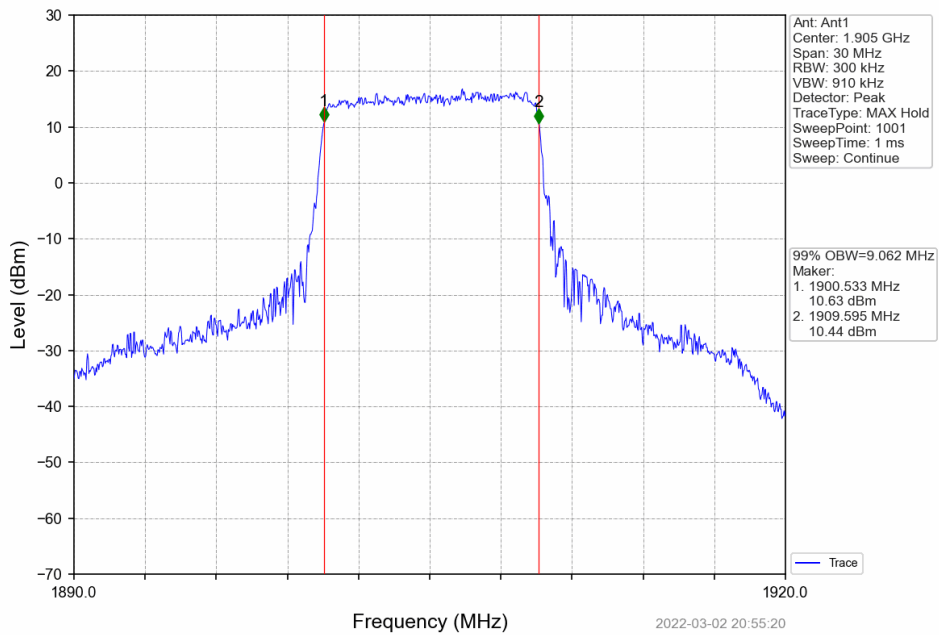
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



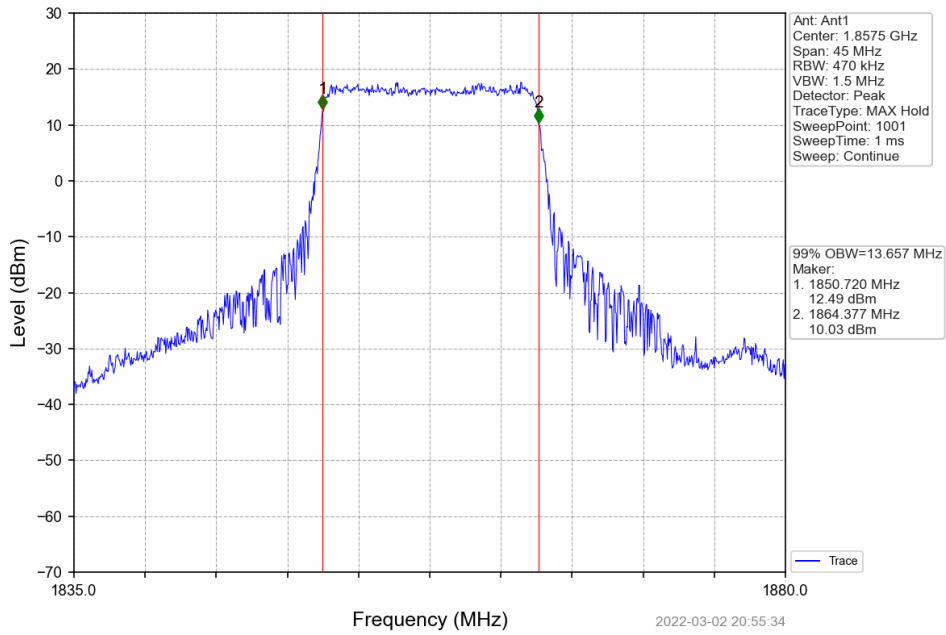
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



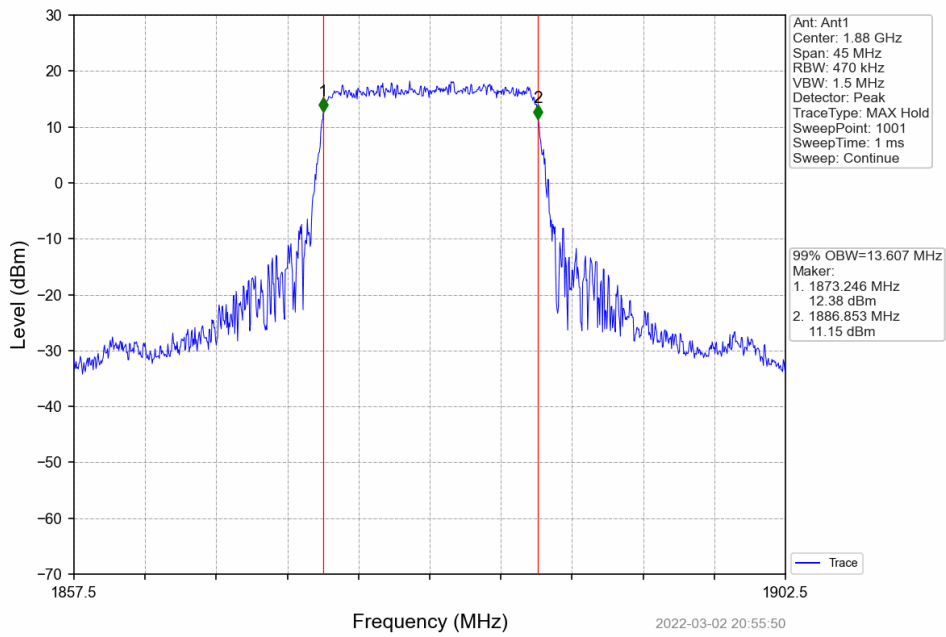
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



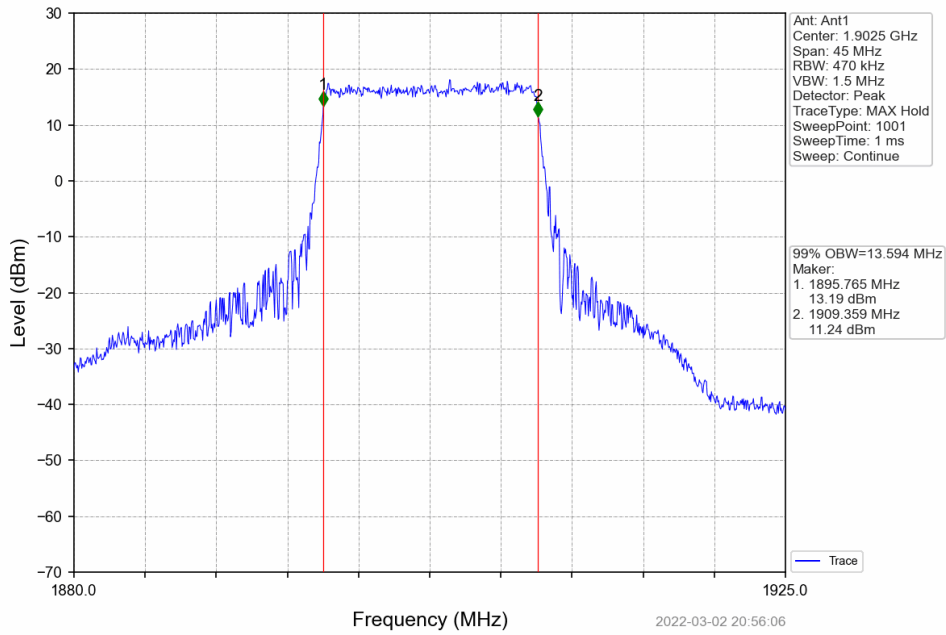
Band2\_15MHz\_QPSK\_LCH\_1852.5MHz\_RB\_75\_0\_NTNV



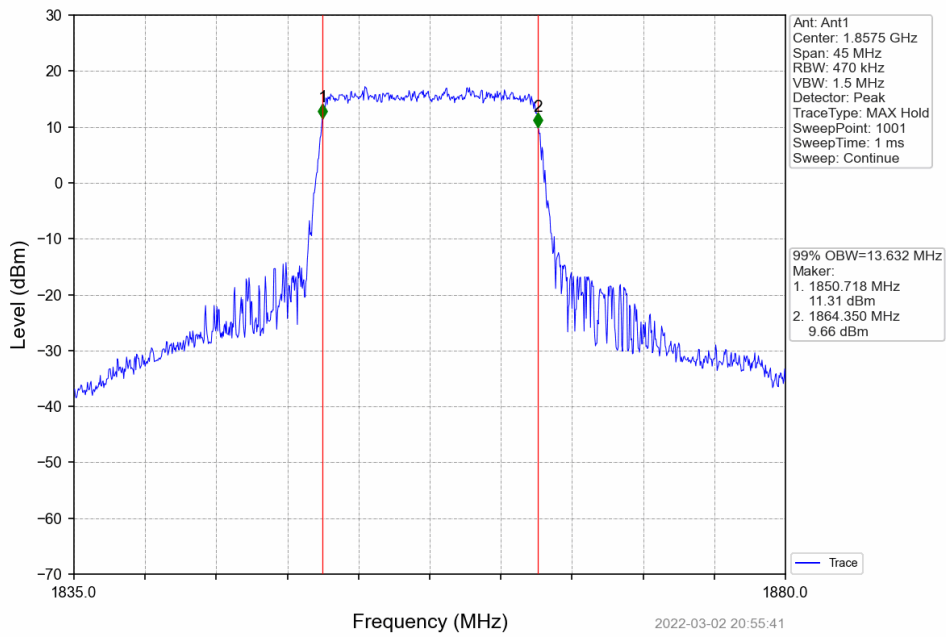
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



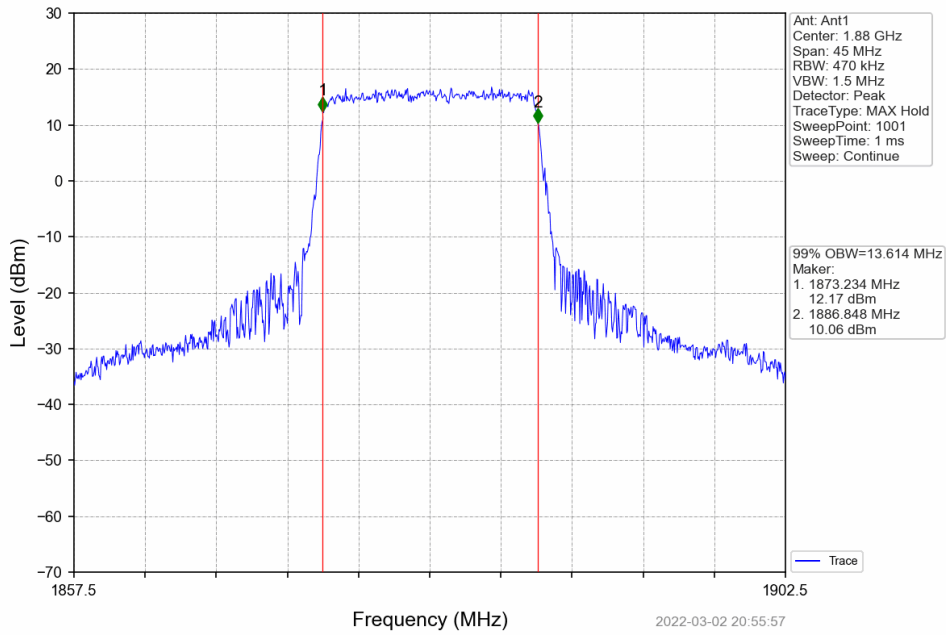
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



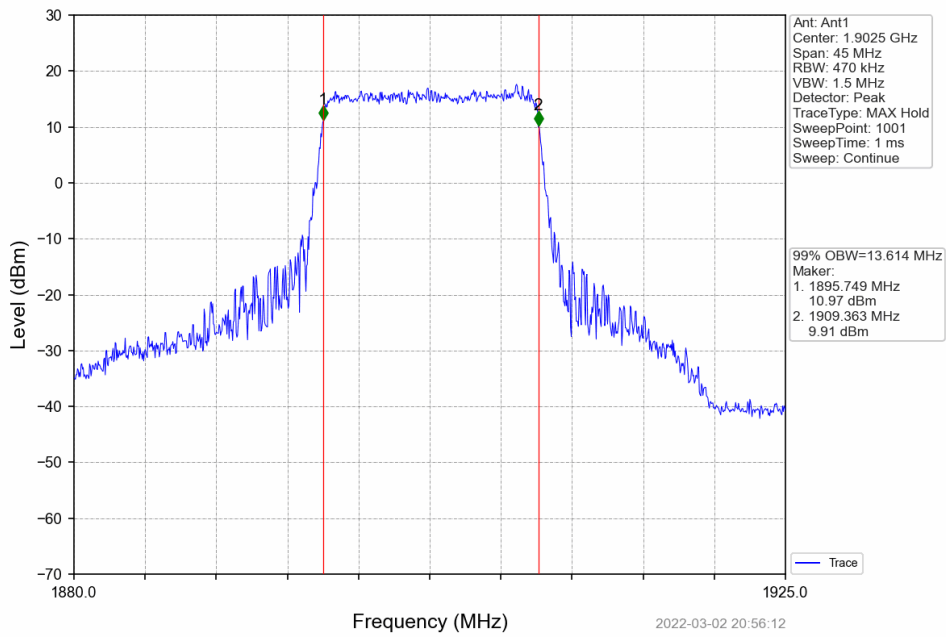
Band2\_15MHz\_16QAM\_LCH\_1852.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV

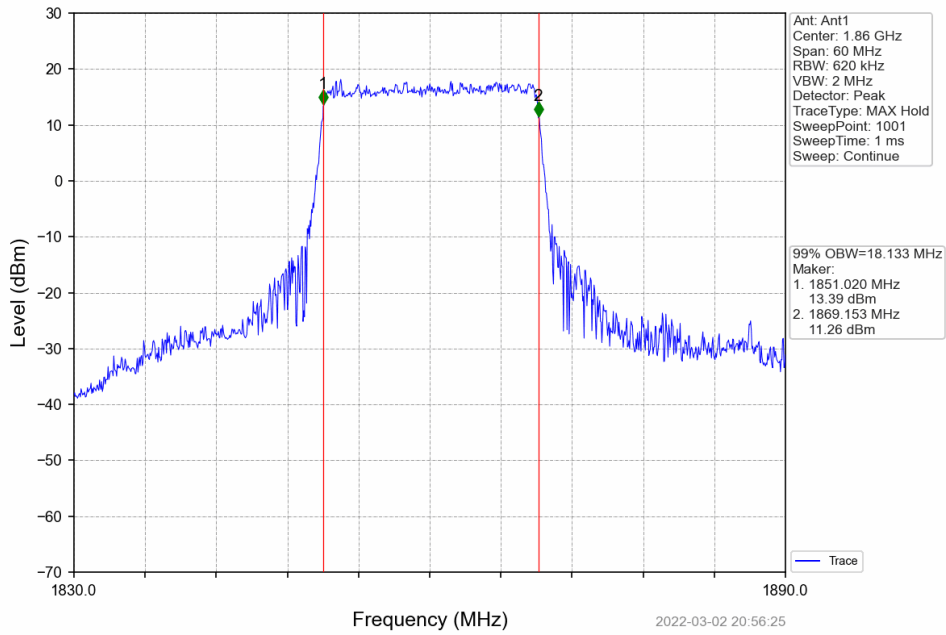


Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

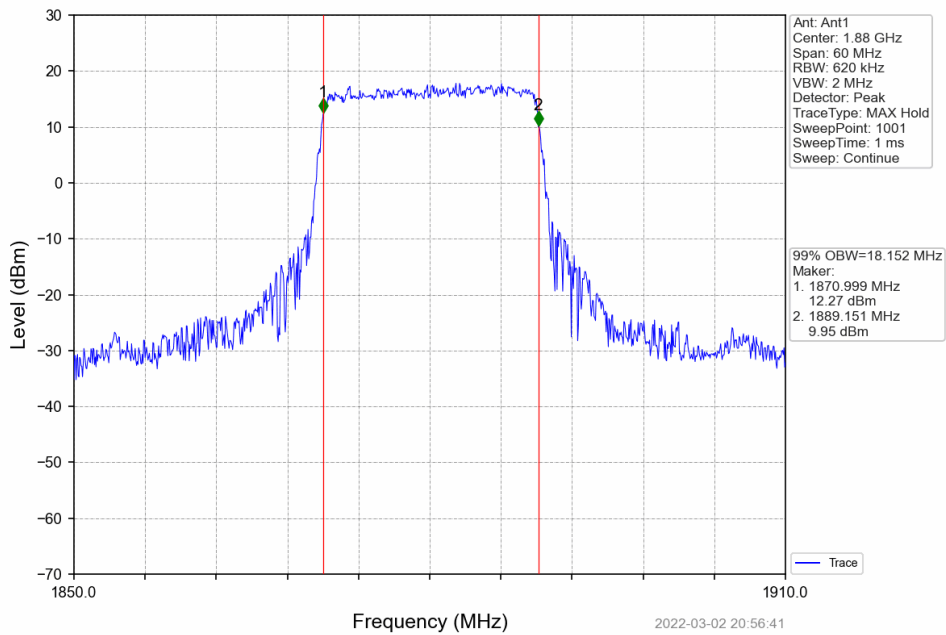




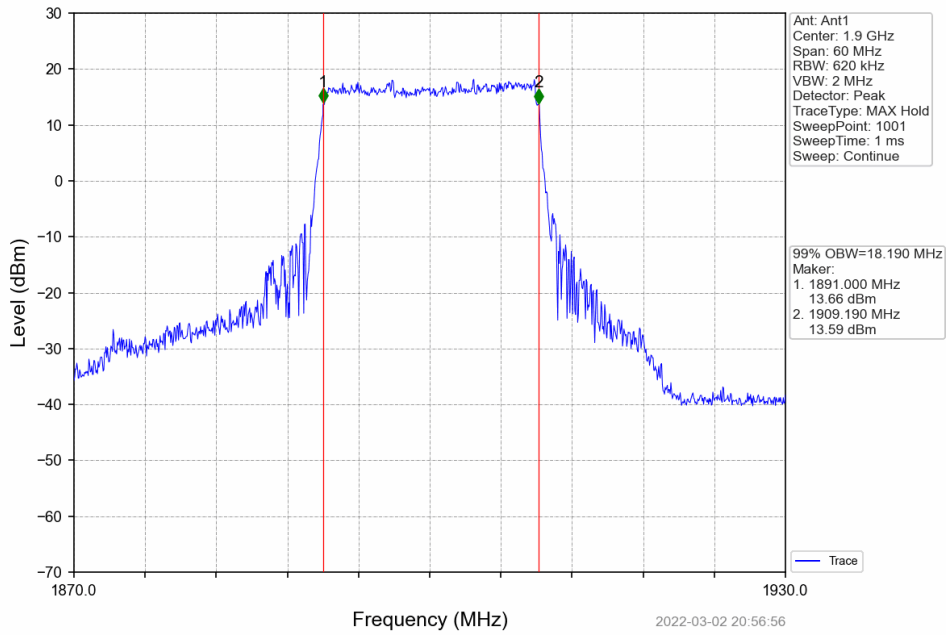
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



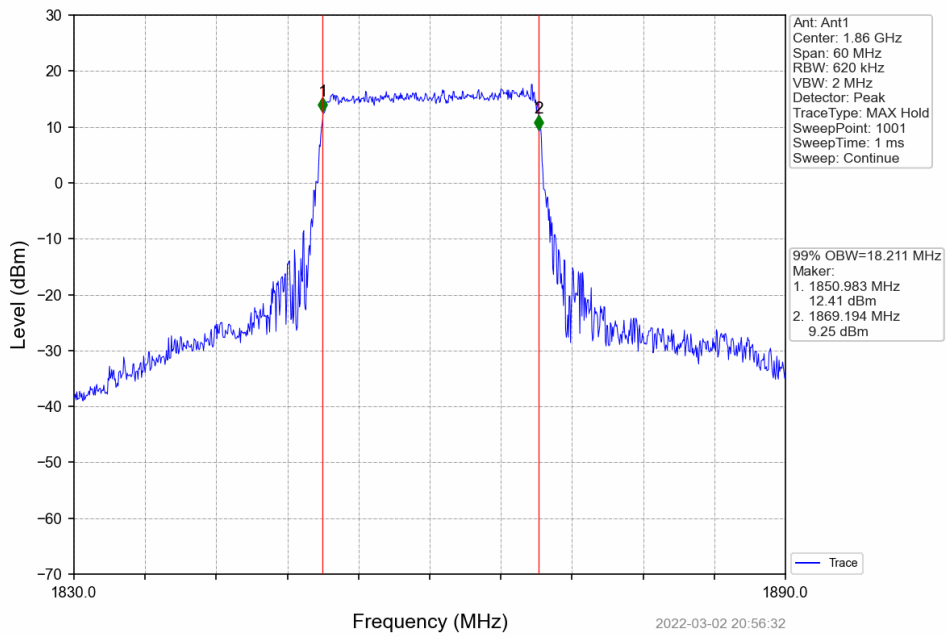
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



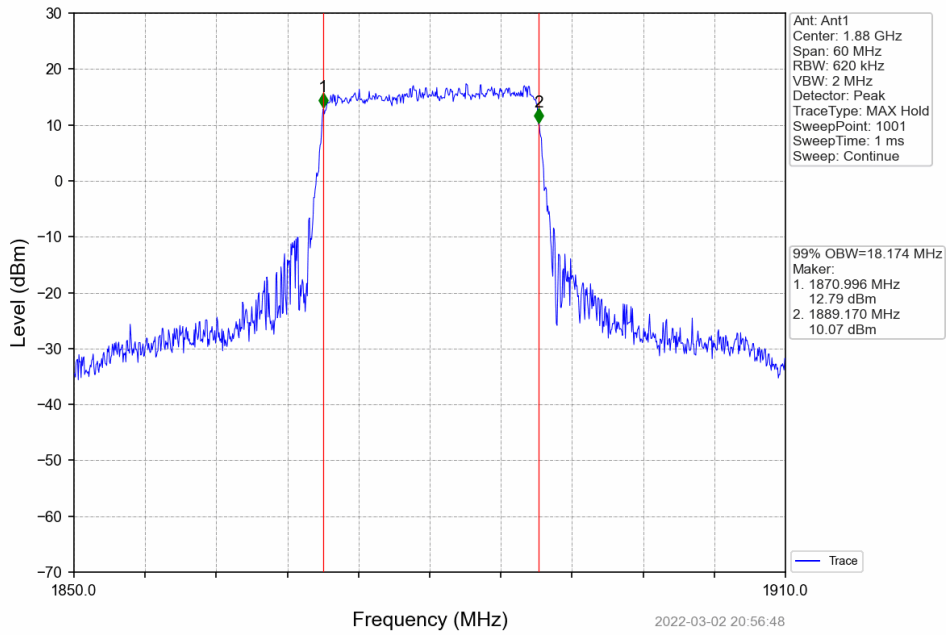
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



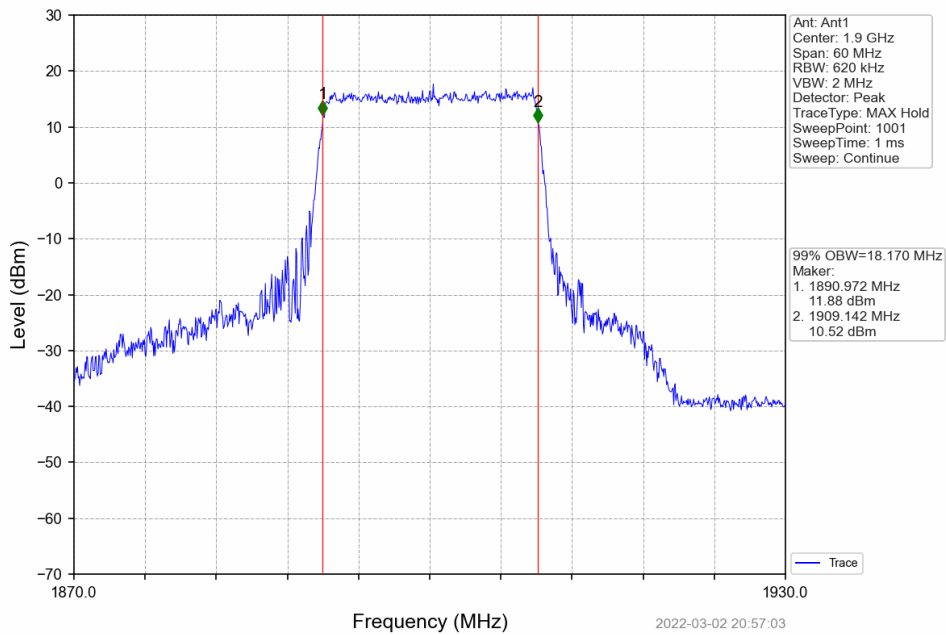
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



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

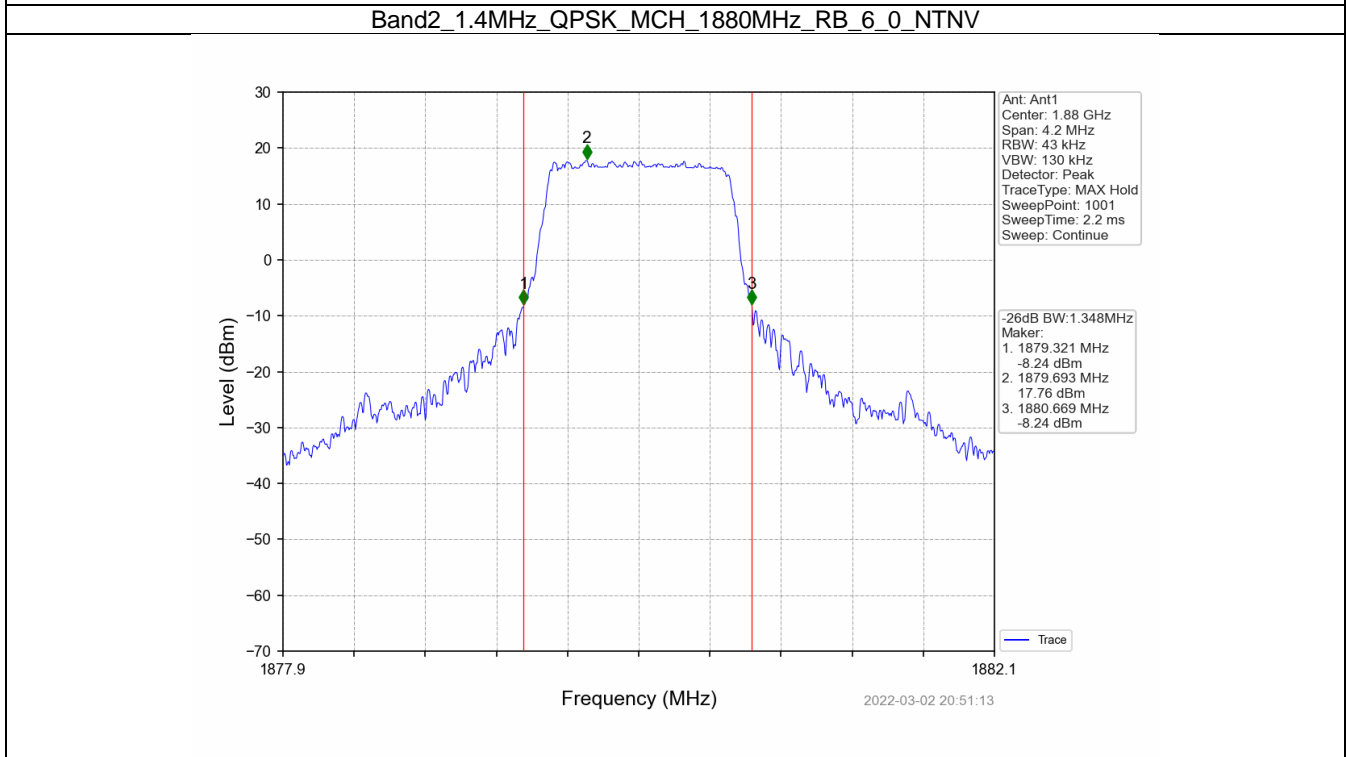
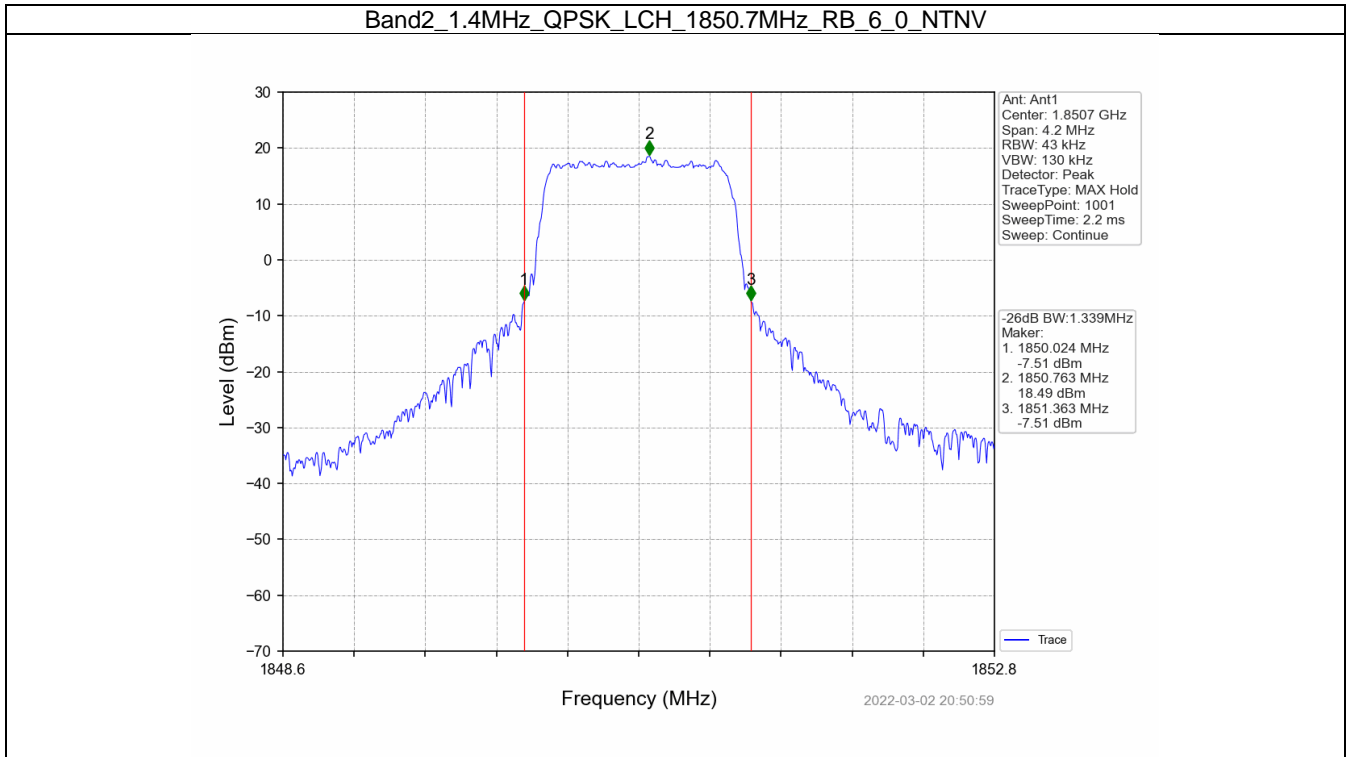


## 1.2 Band2\_XDB

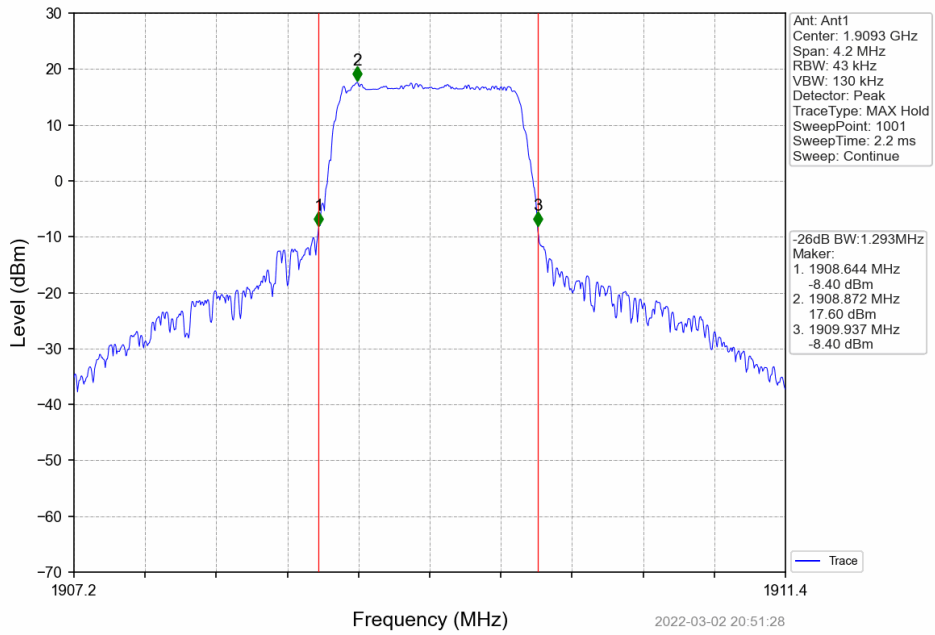
### 1.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.339	Pass
		1880	6	0	1.348	Pass
		1909.3	6	0	1.293	Pass
	16QAM	1850.7	6	0	1.322	Pass
		1880	6	0	1.312	Pass
		1909.3	6	0	1.277	Pass
3	QPSK	1851.5	15	0	3.260	Pass
		1880	15	0	3.097	Pass
		1908.5	15	0	3.162	Pass
	16QAM	1851.5	15	0	3.133	Pass
		1880	15	0	3.226	Pass
		1908.5	15	0	3.232	Pass
5	QPSK	1852.5	25	0	5.579	Pass
		1880	25	0	5.859	Pass
		1902.5	25	0	5.434	Pass
	16QAM	1852.5	25	0	5.548	Pass
		1880	25	0	5.610	Pass
		1902.5	25	0	5.719	Pass
10	QPSK	1855	50	0	10.407	Pass
		1880	50	0	10.357	Pass
		1905	50	0	10.096	Pass
	16QAM	1855	50	0	10.471	Pass
		1880	50	0	10.461	Pass
		1905	50	0	10.280	Pass
15	QPSK	1852.5	75	0	16.216	Pass
		1880	75	0	15.934	Pass
		1902.5	75	0	15.572	Pass
	16QAM	1852.5	75	0	15.296	Pass
		1880	75	0	15.198	Pass
		1902.5	75	0	15.307	Pass
20	QPSK	1860	100	0	20.418	Pass
		1880	100	0	20.385	Pass
		1900	100	0	21.184	Pass
	16QAM	1860	100	0	20.376	Pass
		1880	100	0	20.716	Pass
		1900	100	0	20.410	Pass

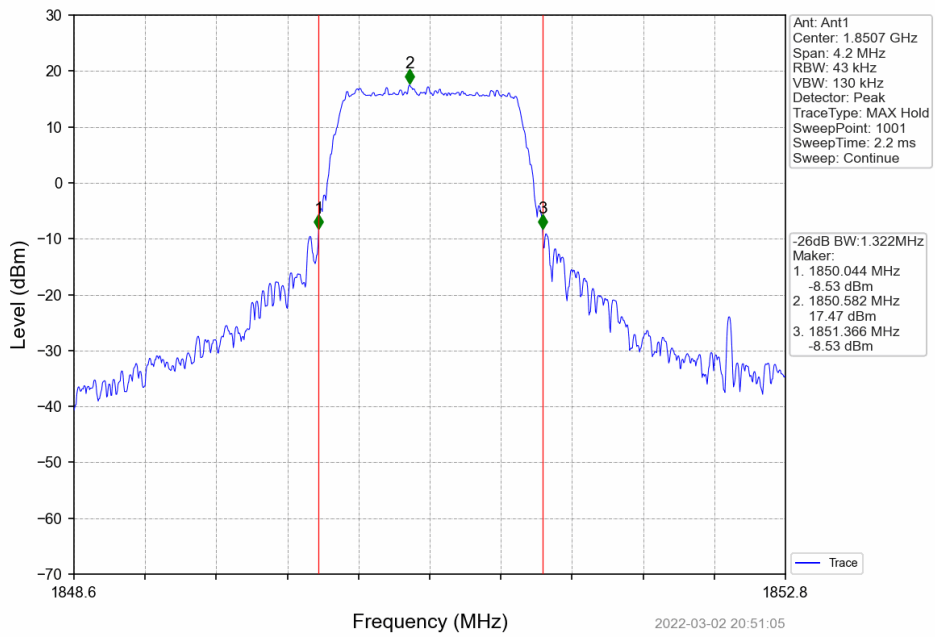
### 1.2.2 Test Graph



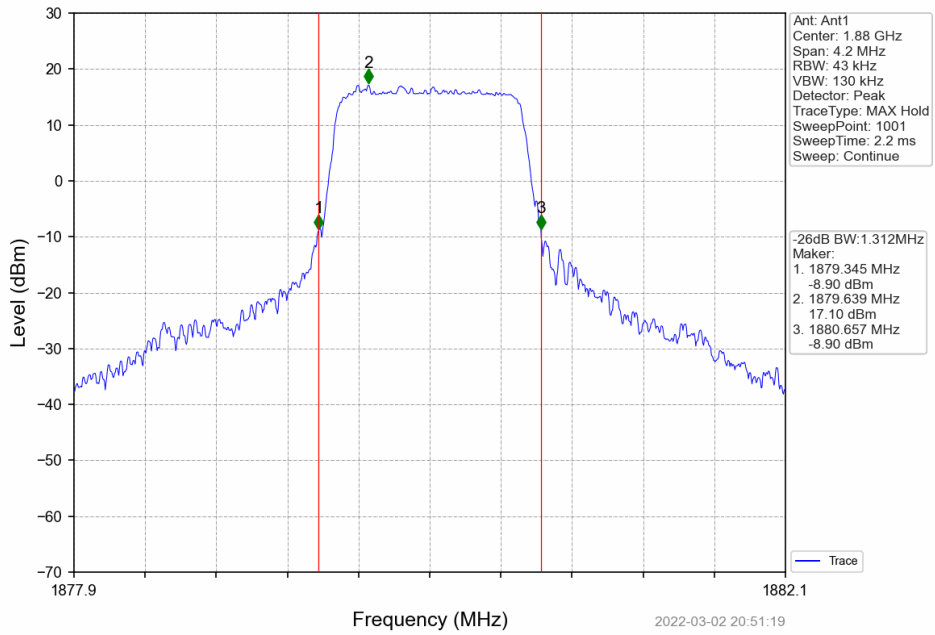
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



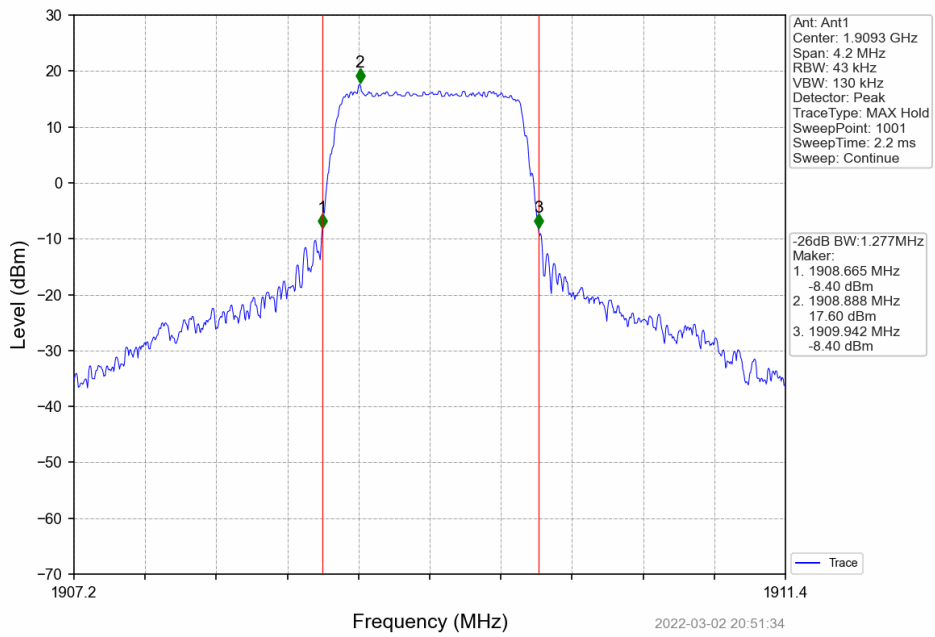
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



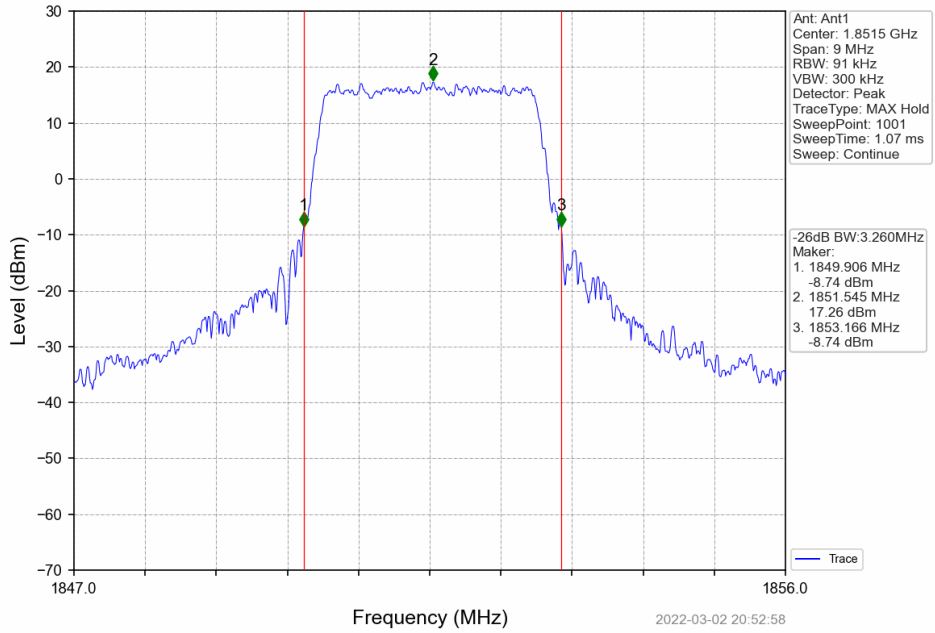
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



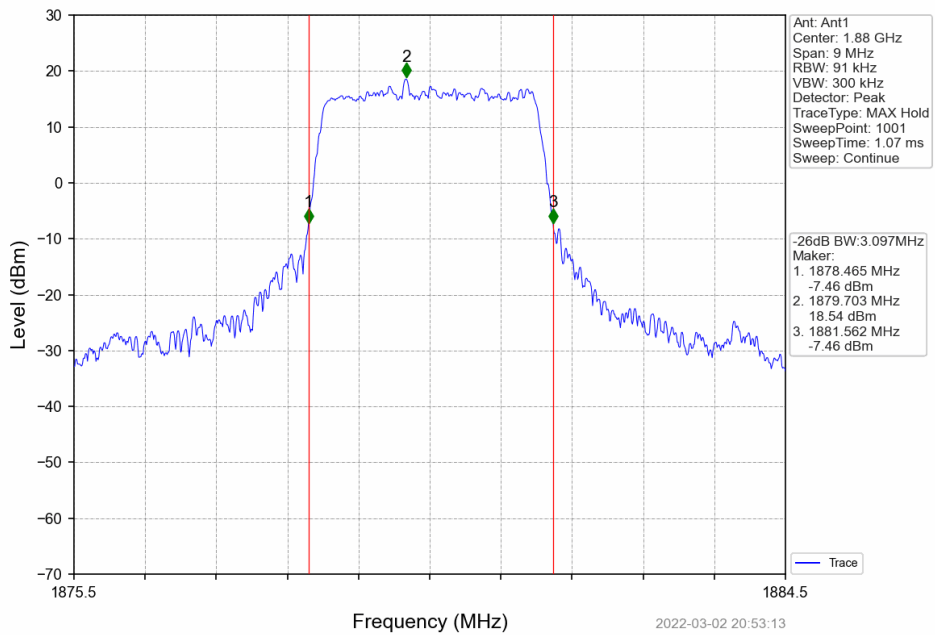
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

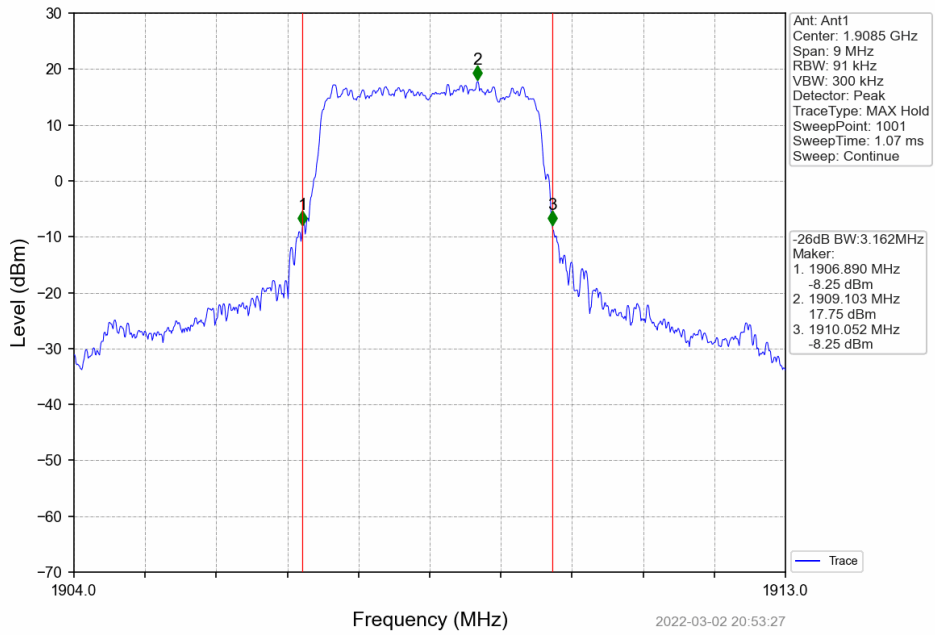


Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV

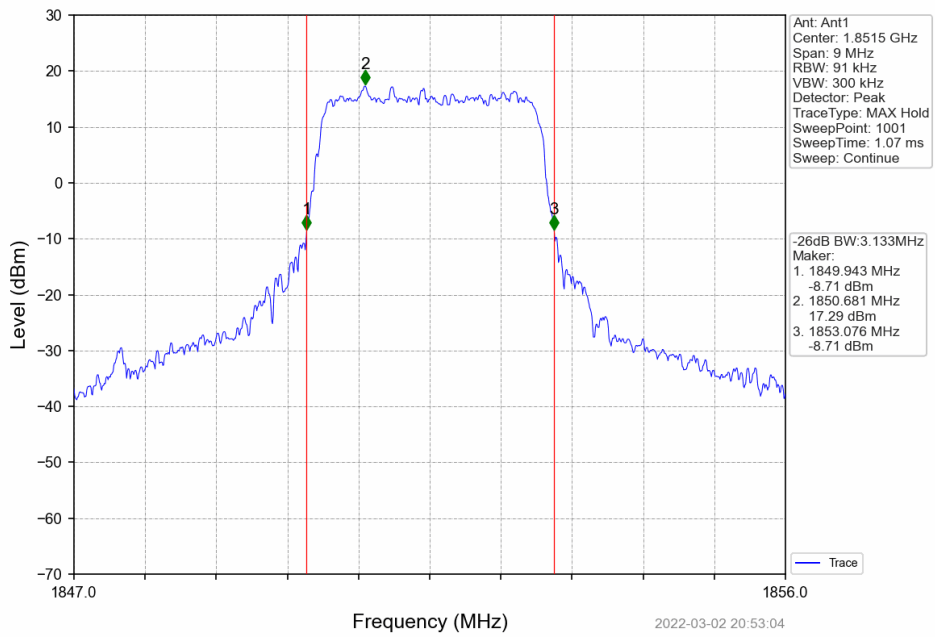




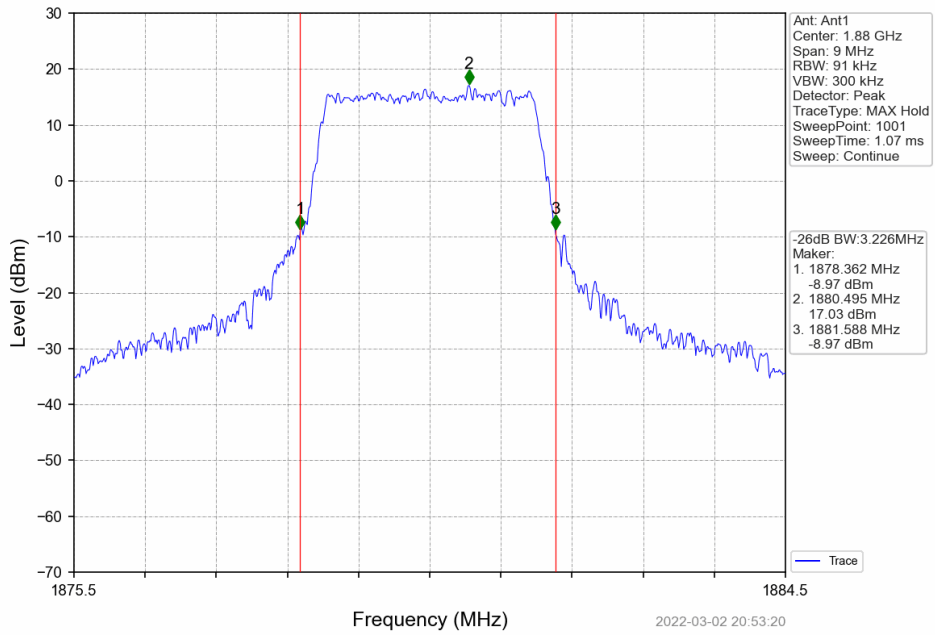
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



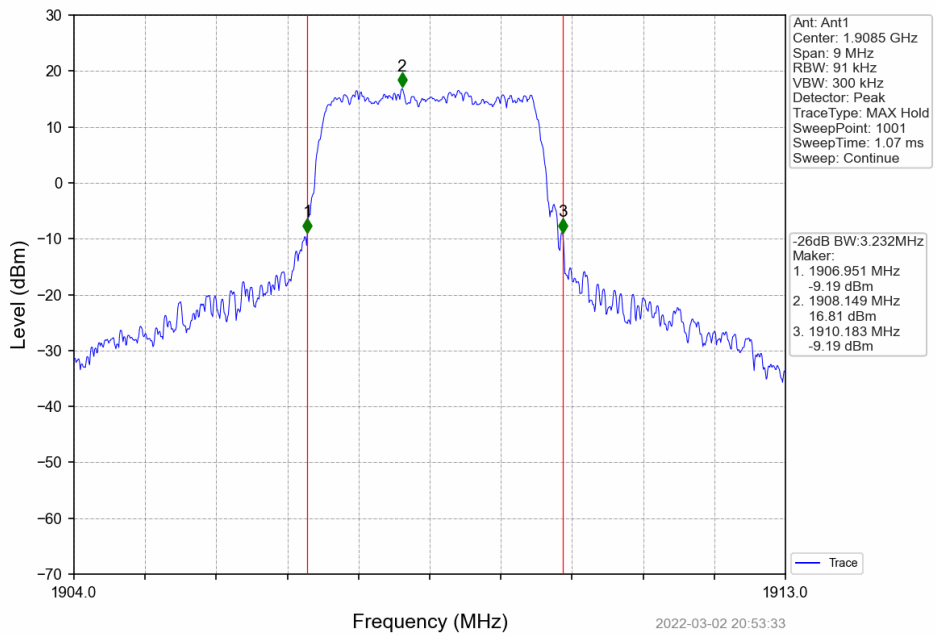
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



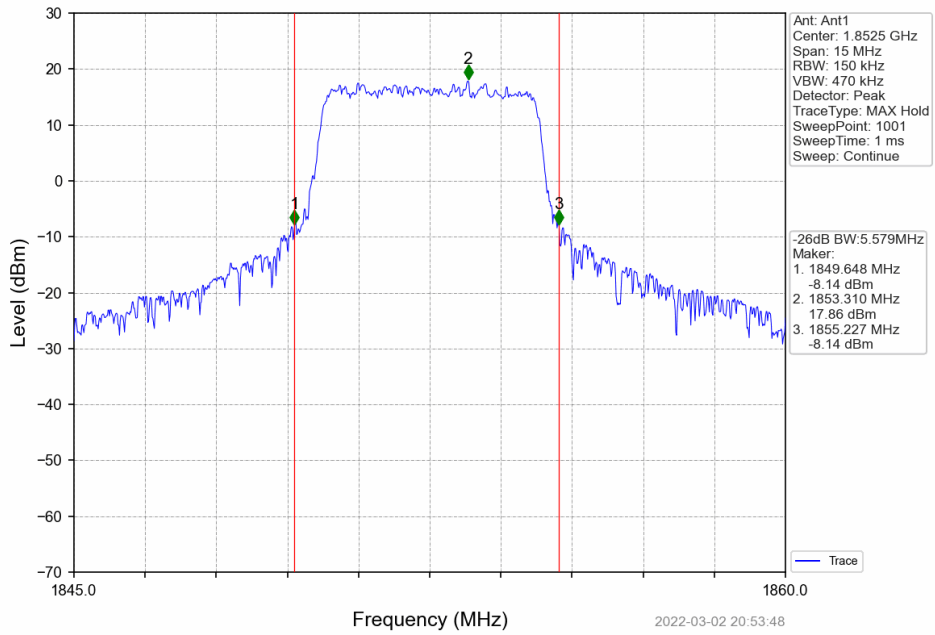
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



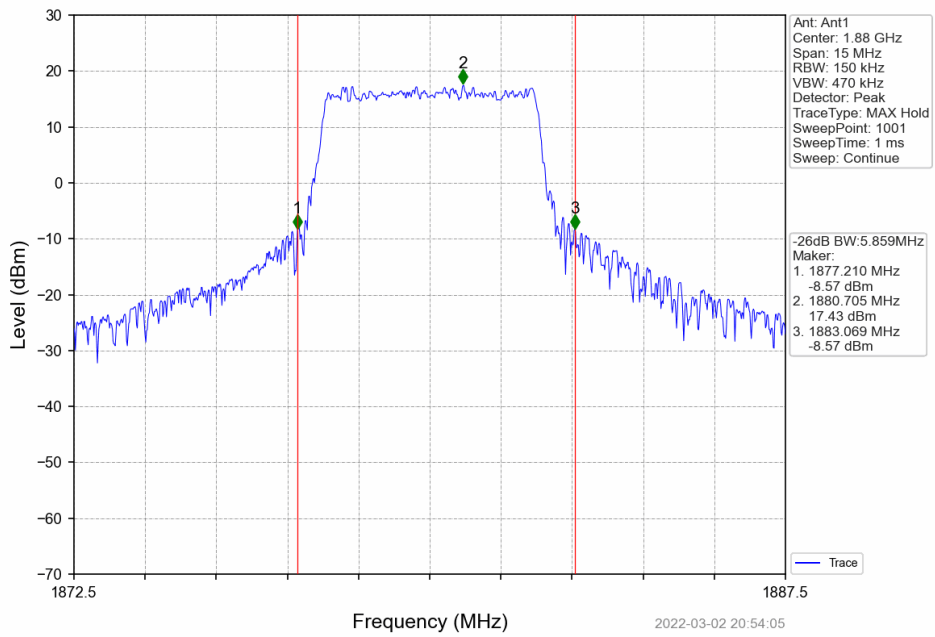
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



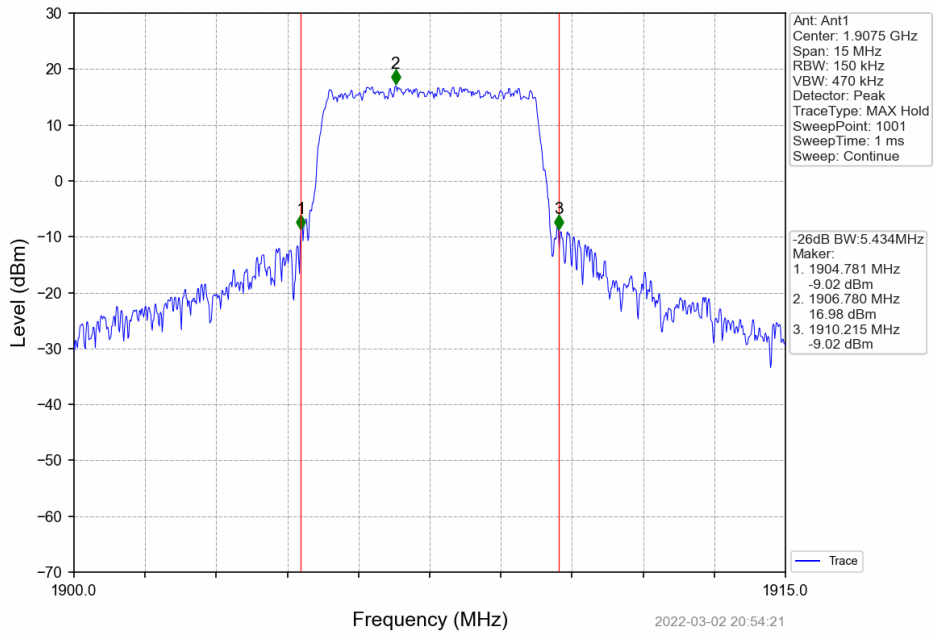
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



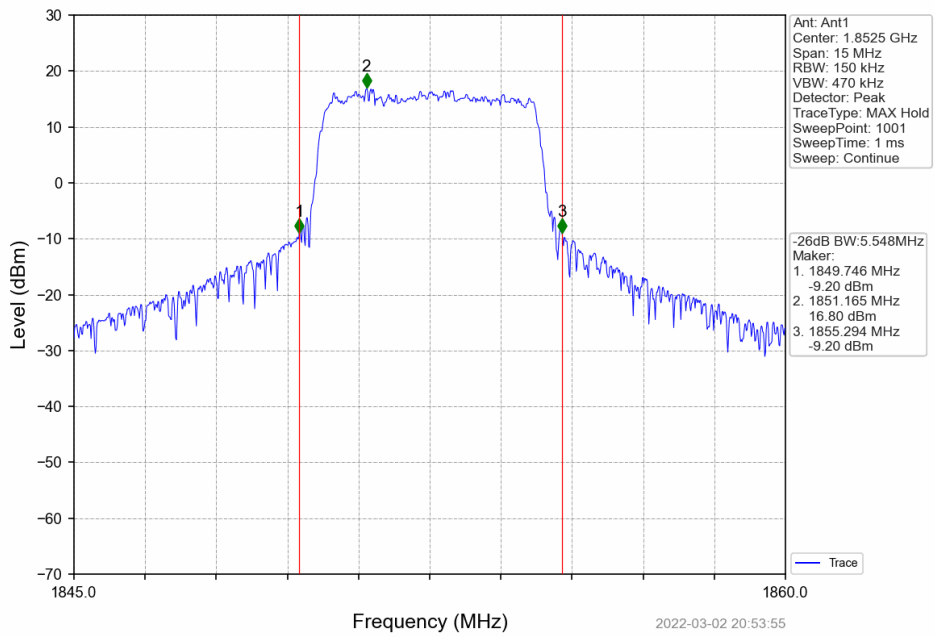
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



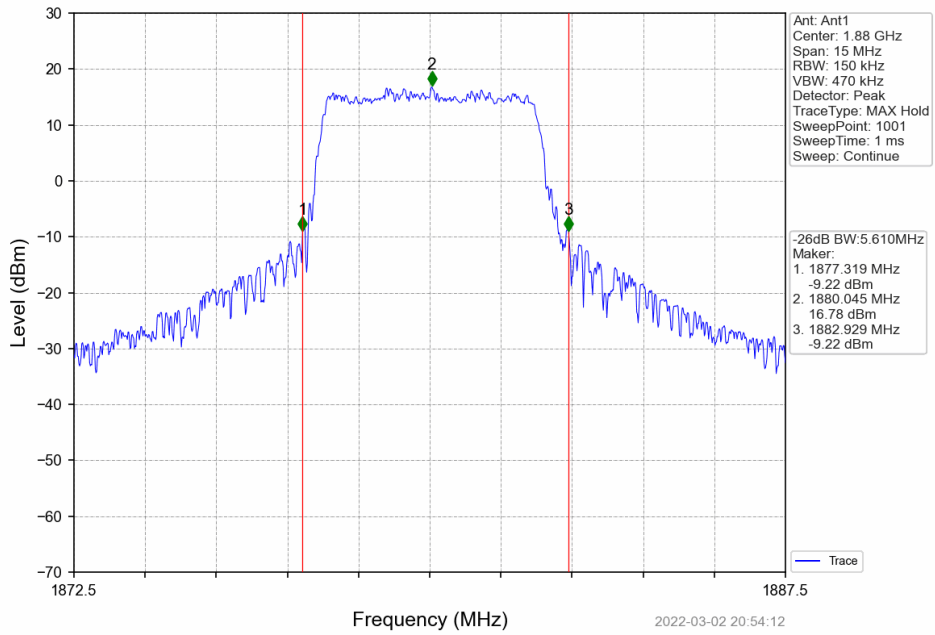
Band2\_5MHz\_QPSK\_HCH\_1902.5MHz\_RB\_25\_0\_NTNV



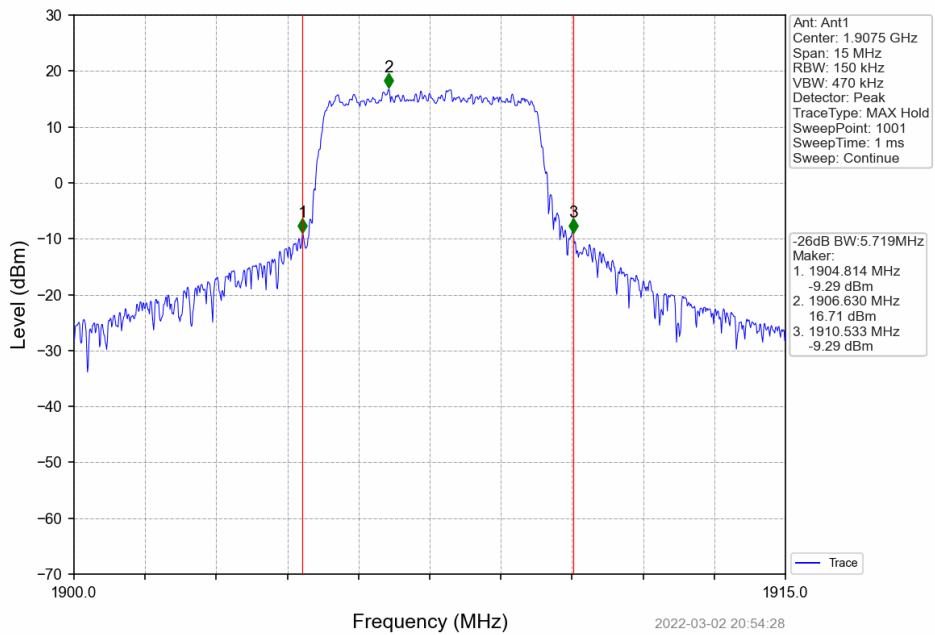
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



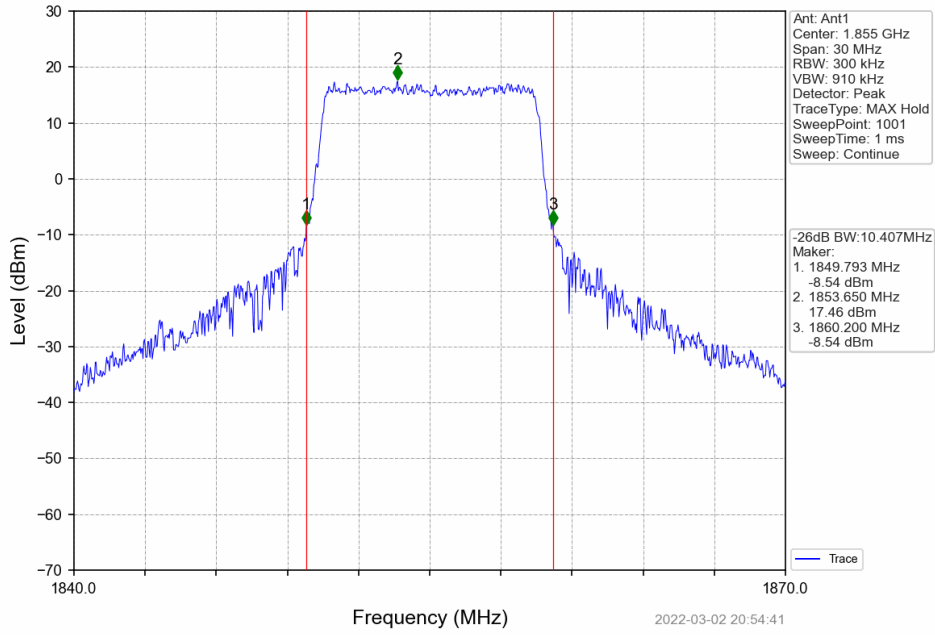
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



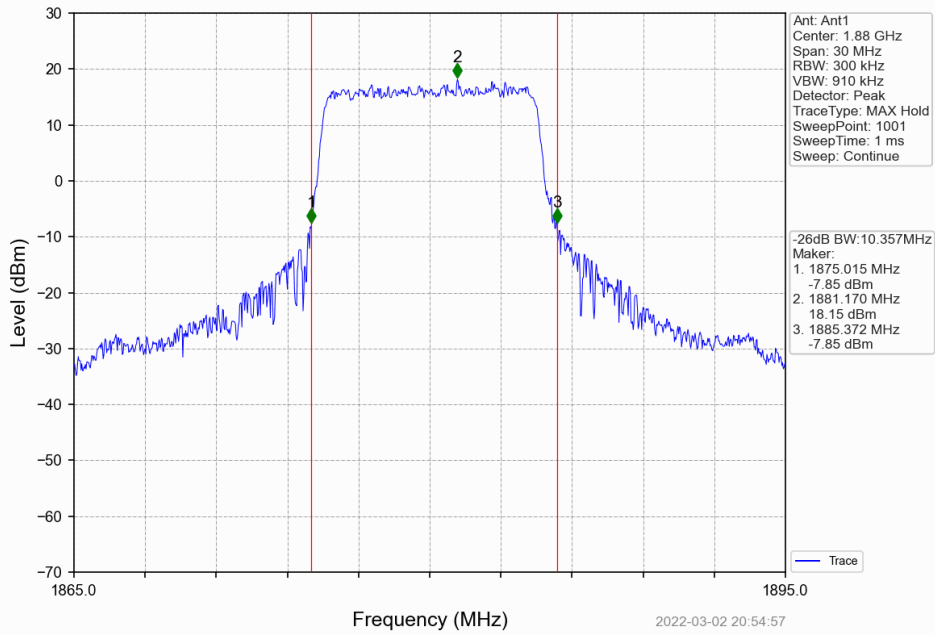
Band2\_5MHz\_16QAM\_HCH\_1902.5MHz\_RB\_25\_0\_NTNV



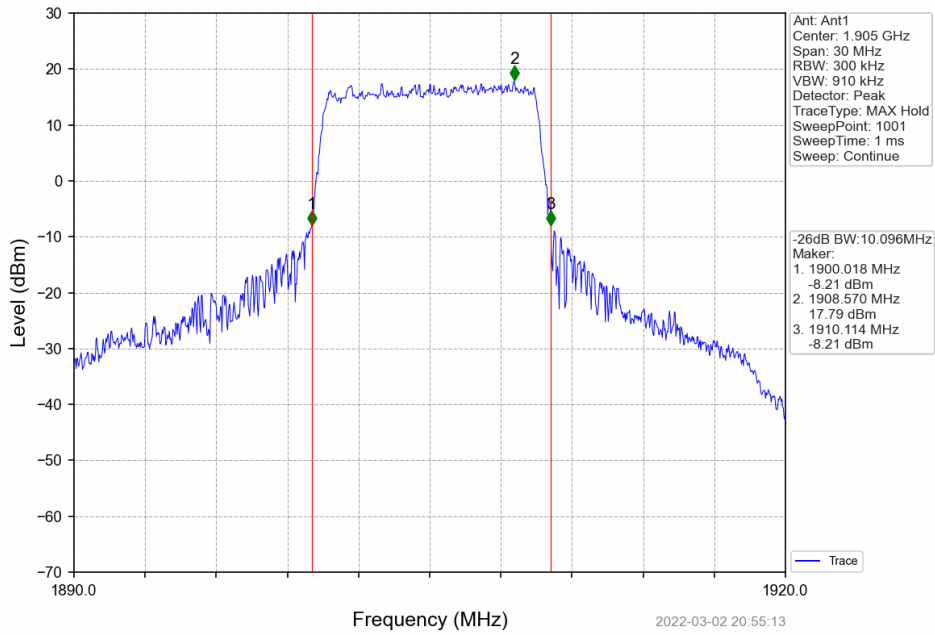
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



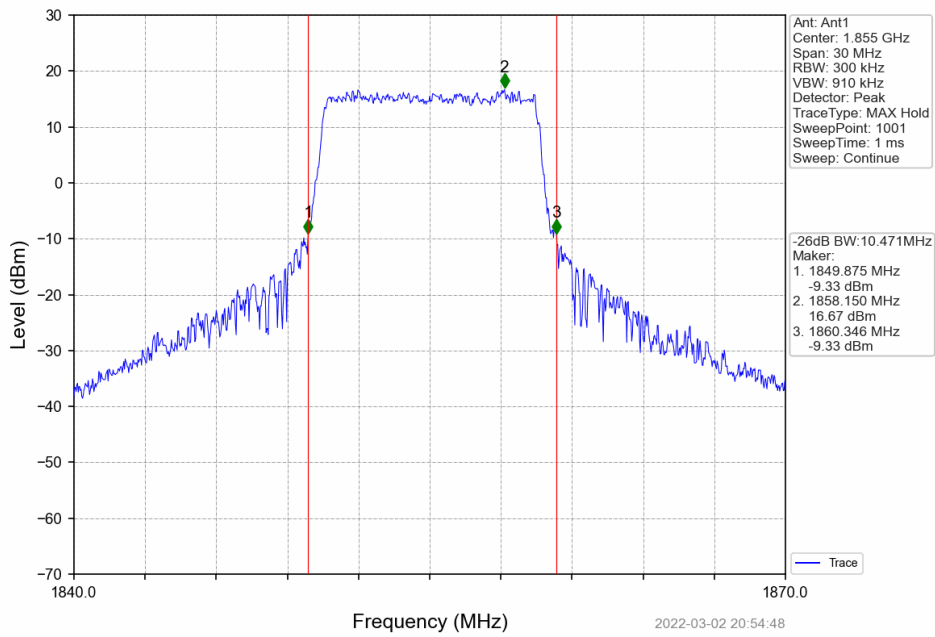
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



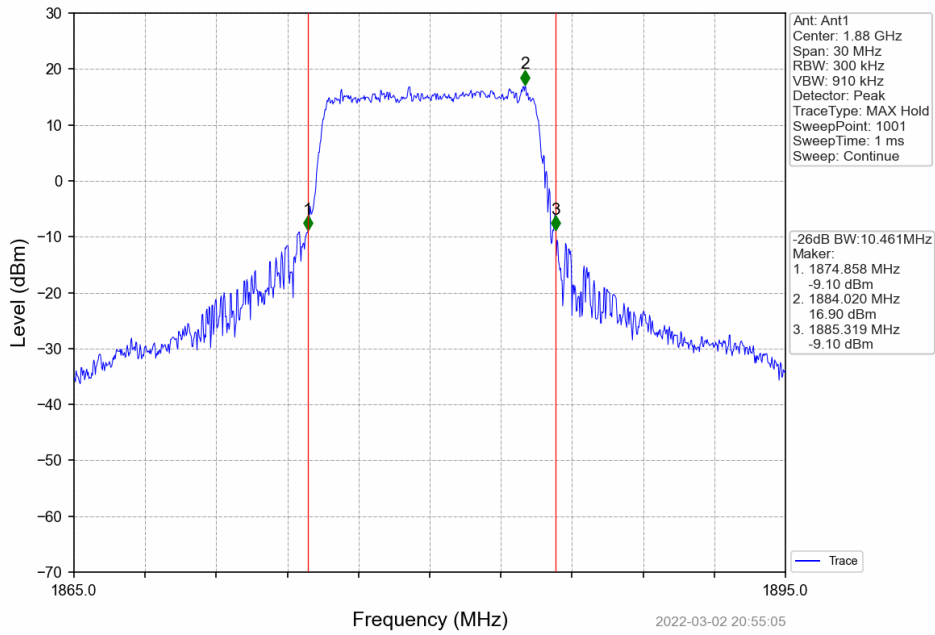
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



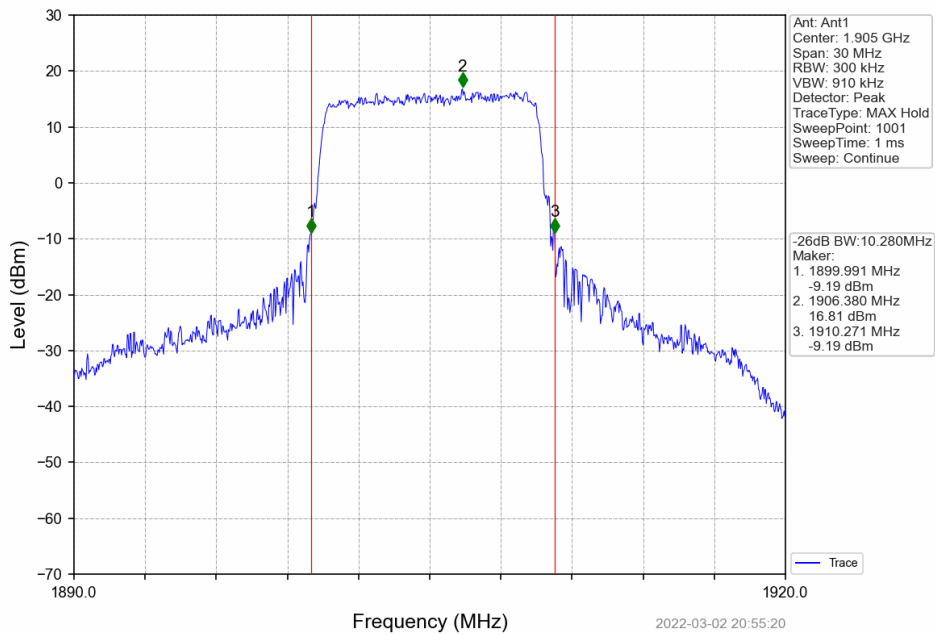
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV

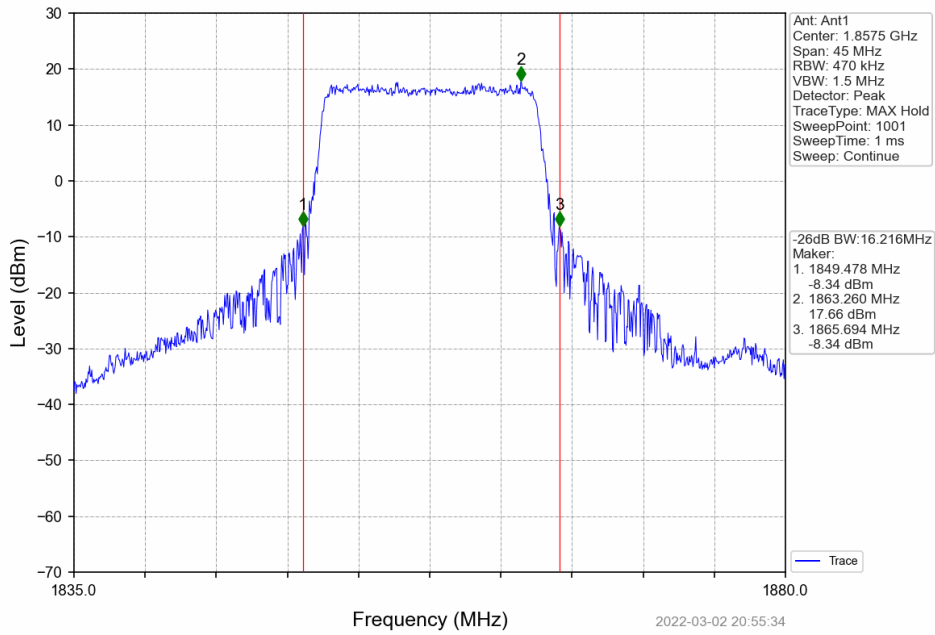


Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

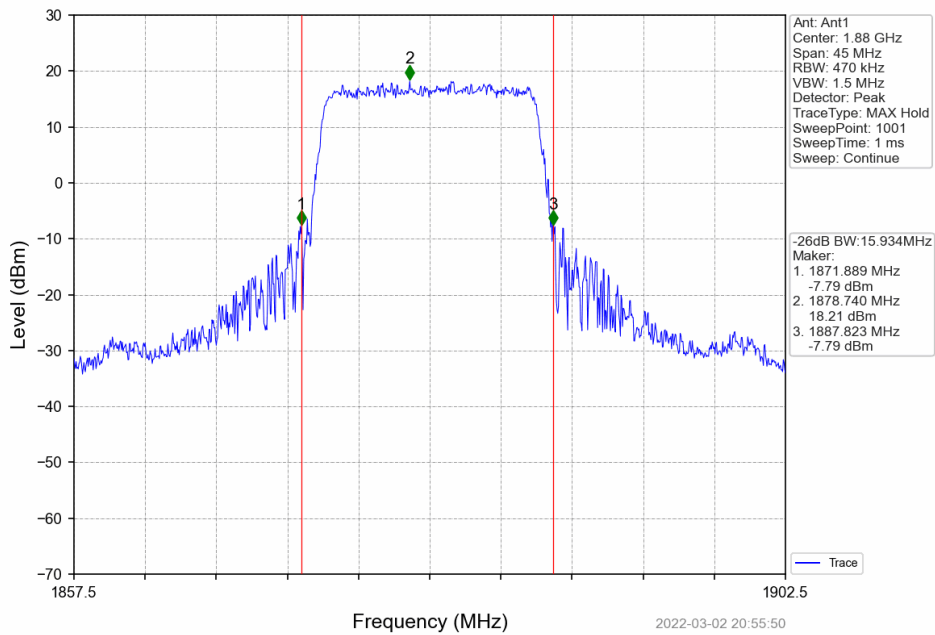




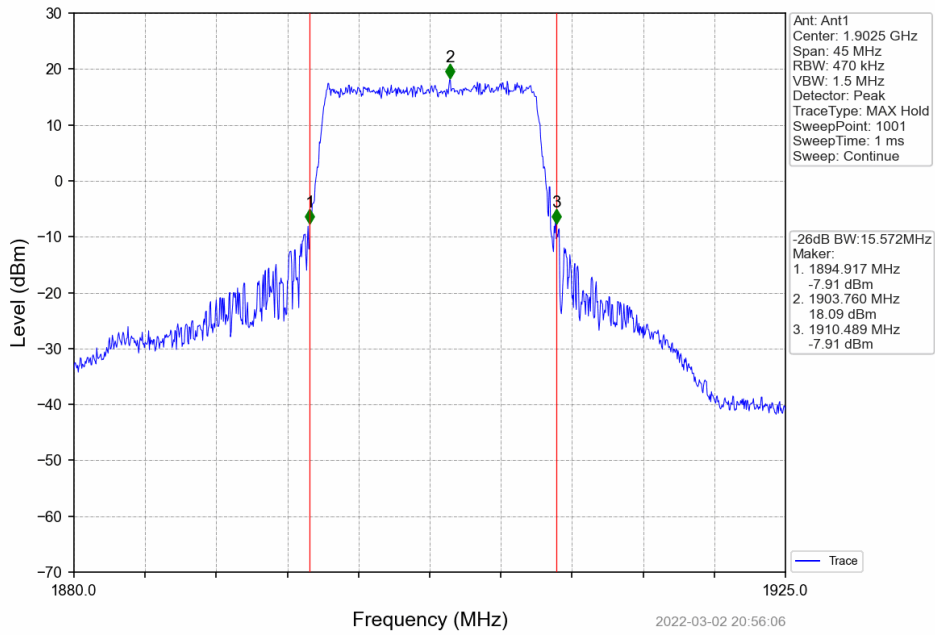
Band2\_15MHz\_QPSK\_LCH\_1852.5MHz\_RB\_75\_0\_NTNV



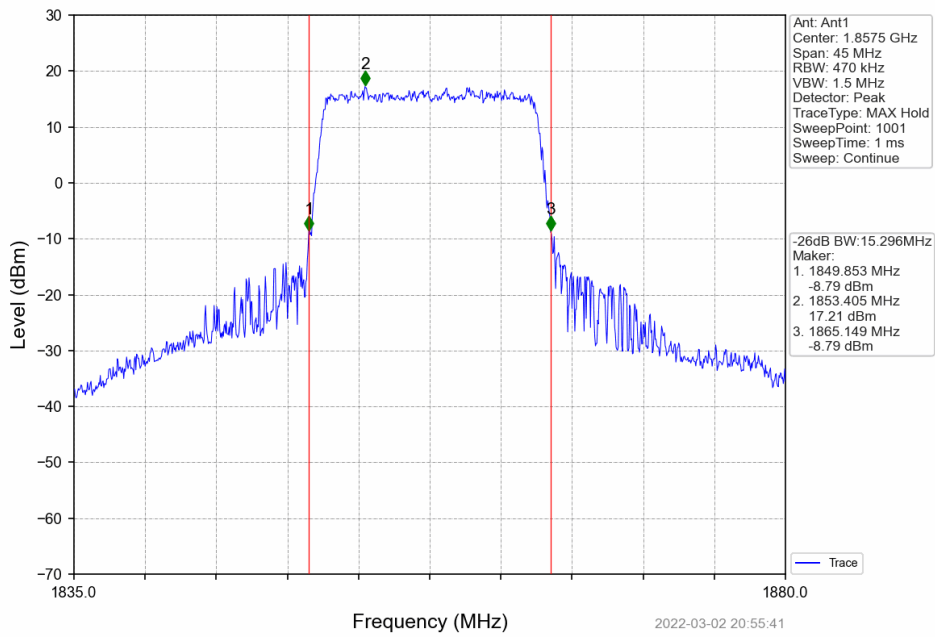
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



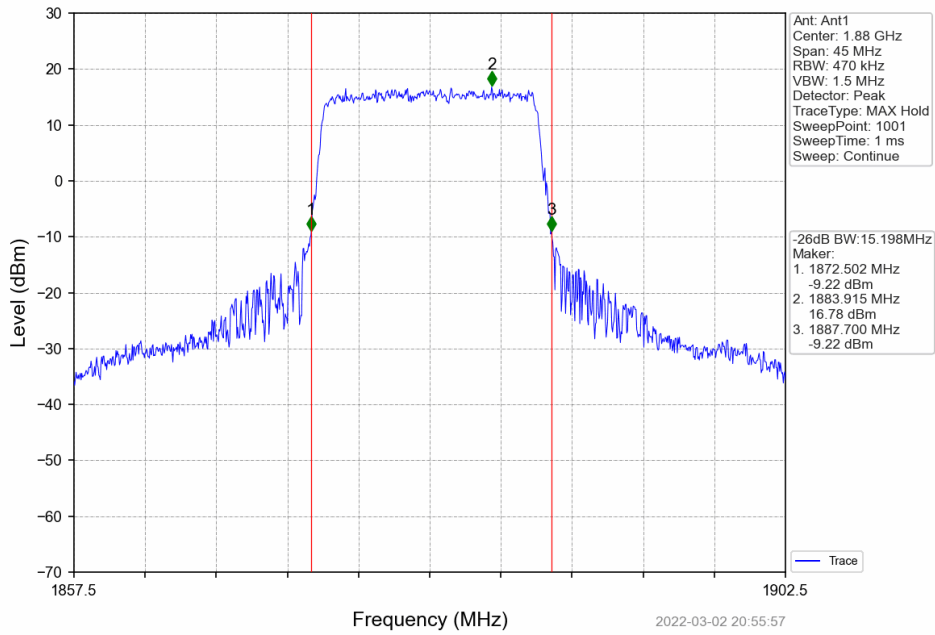
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



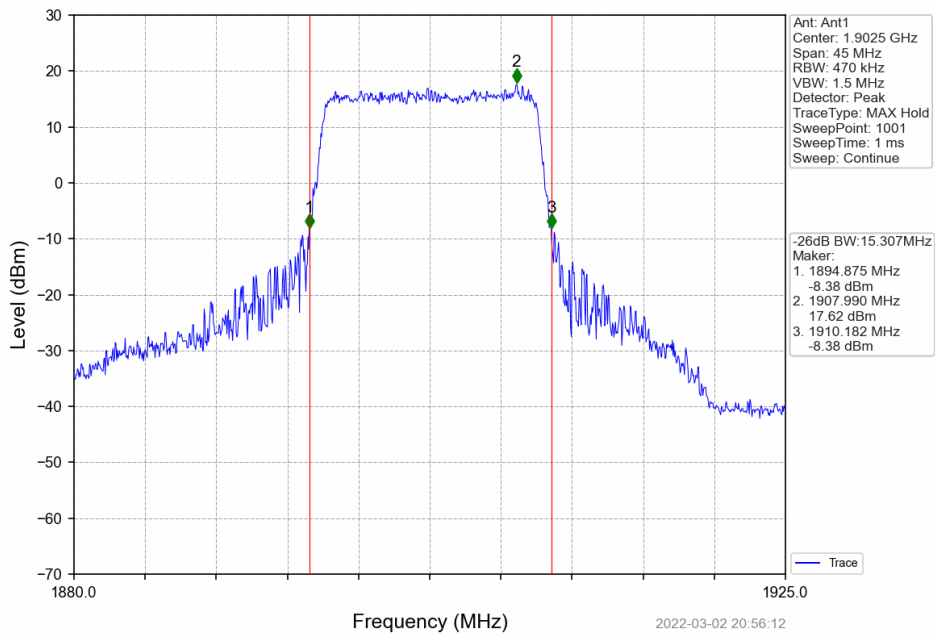
Band2\_15MHz\_16QAM\_LCH\_1852.5MHz\_RB\_75\_0\_NTNV



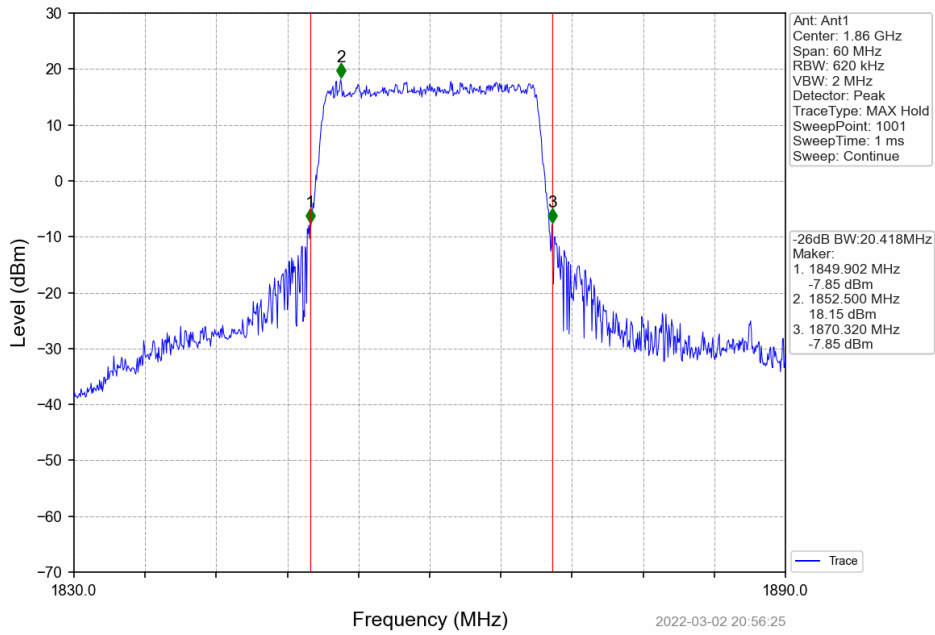
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



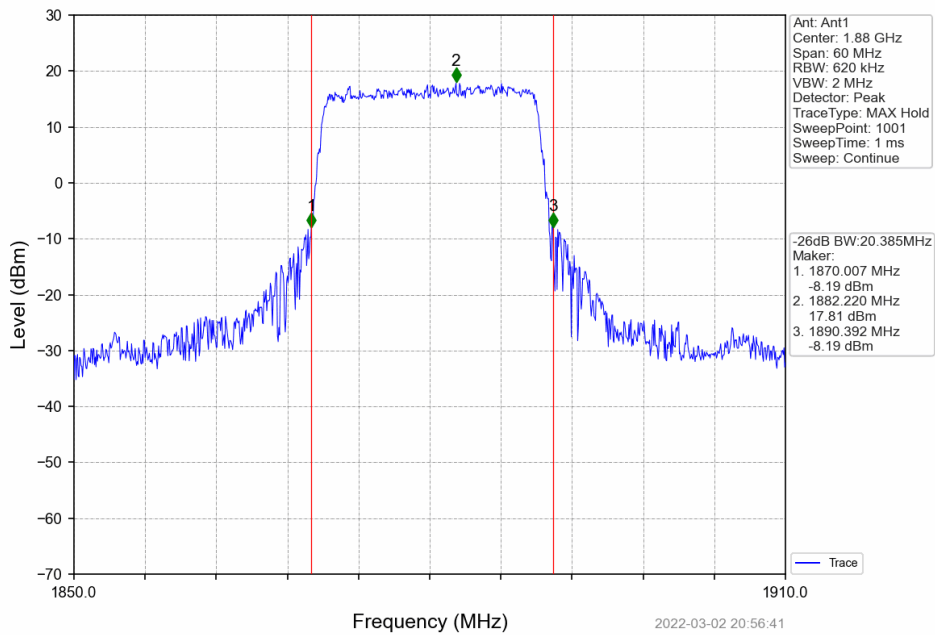
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



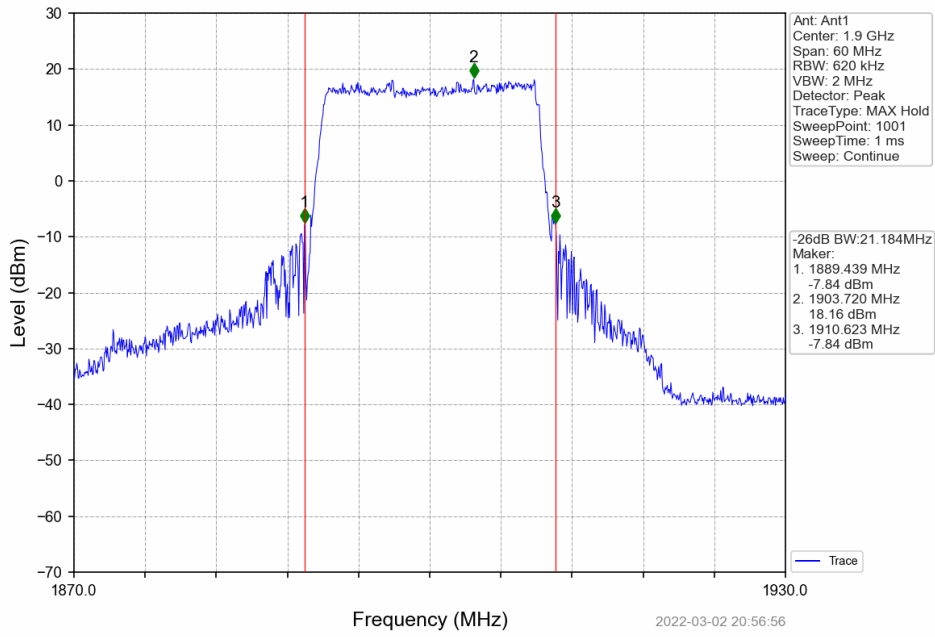
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



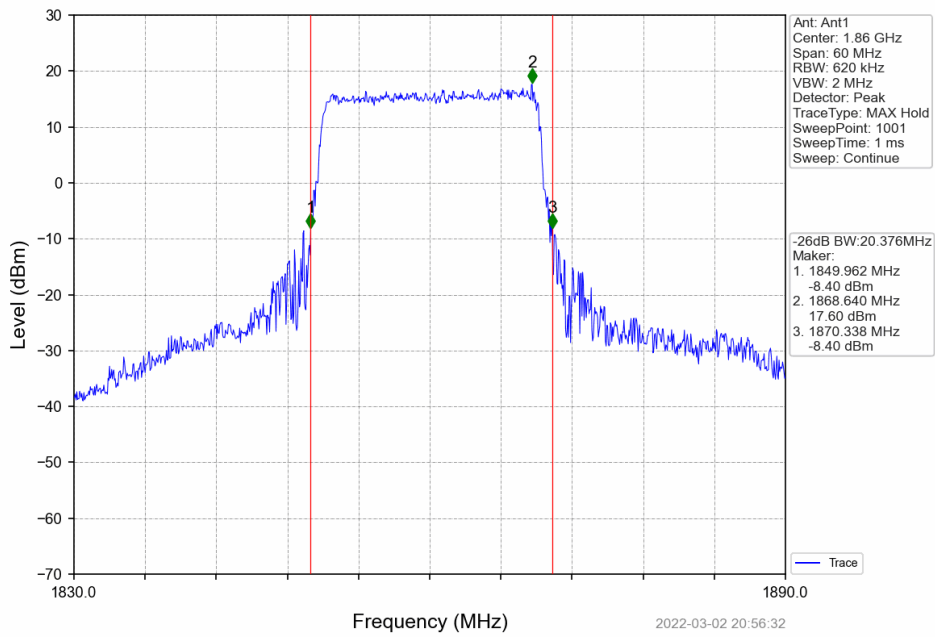
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



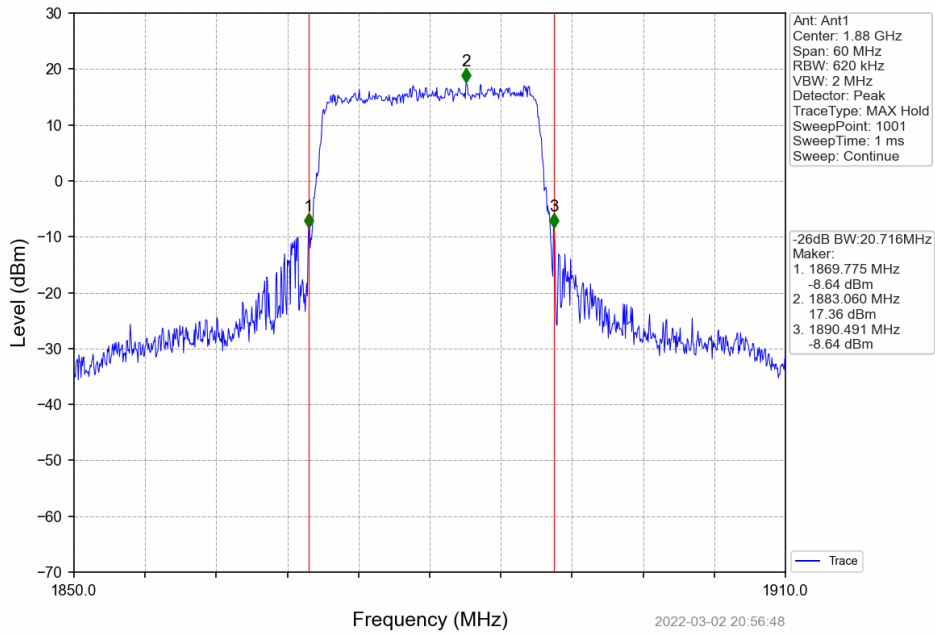
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



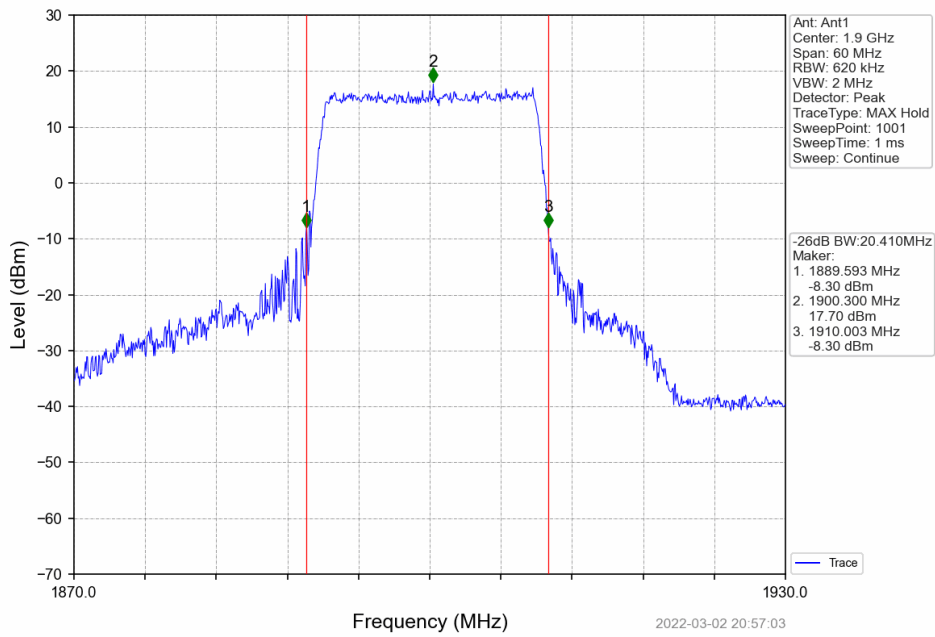
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



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



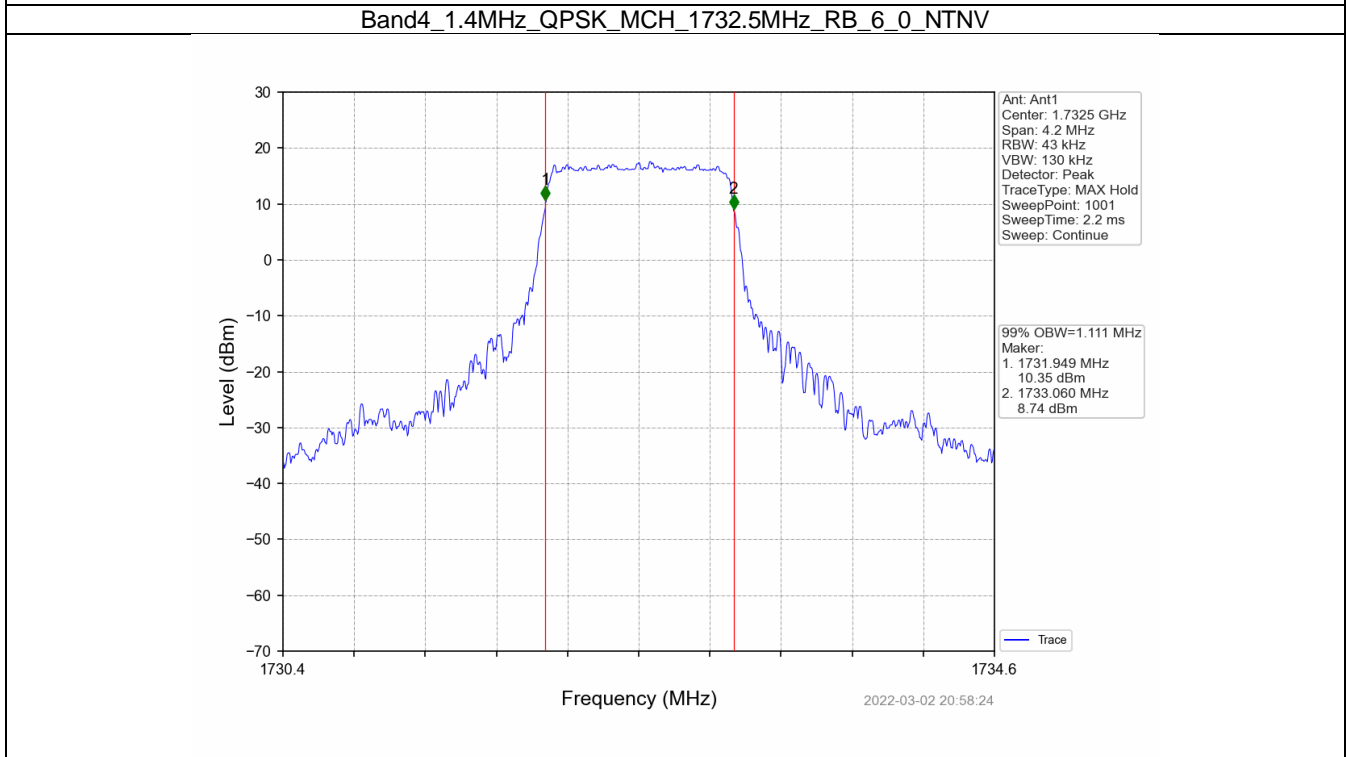
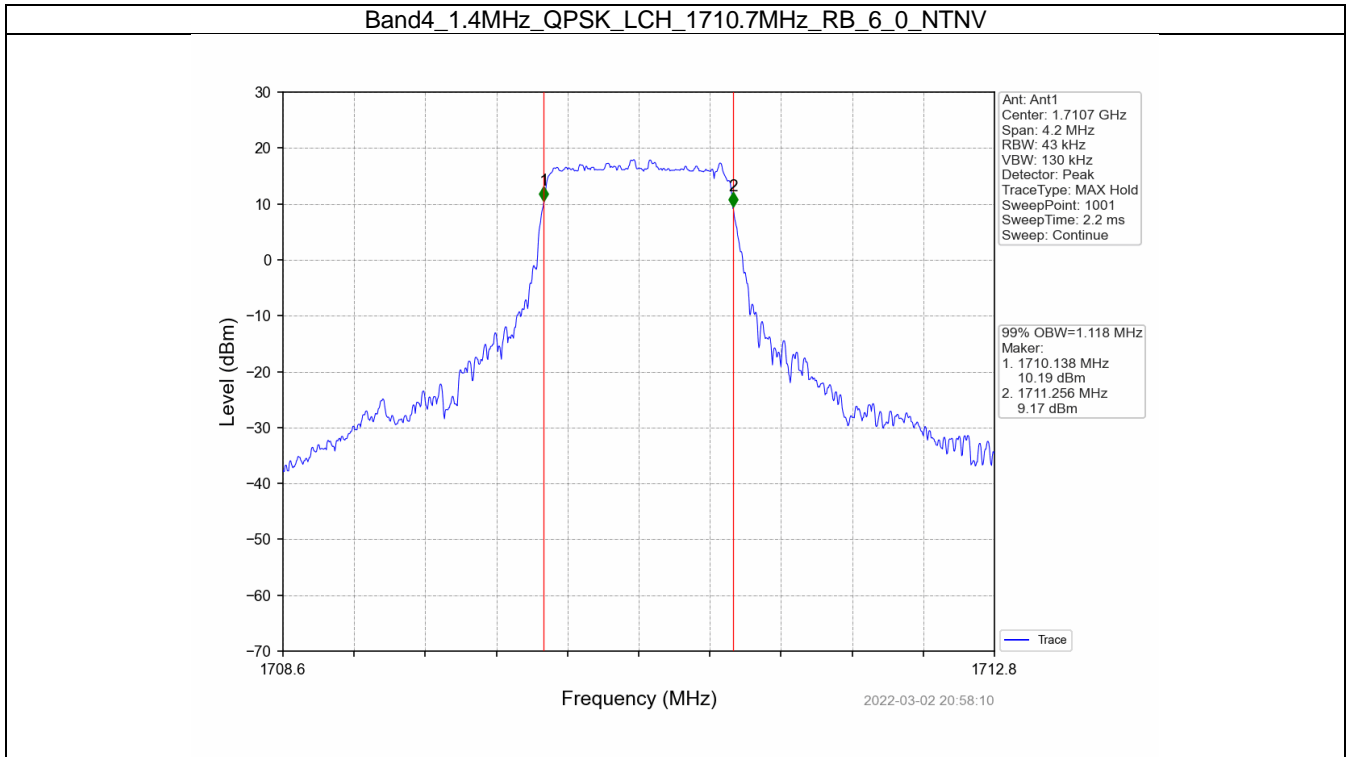
## 2. 99% & 26dB Bandwidth

### 2.1 Band4\_OBW

#### 2.1.1 Test Result

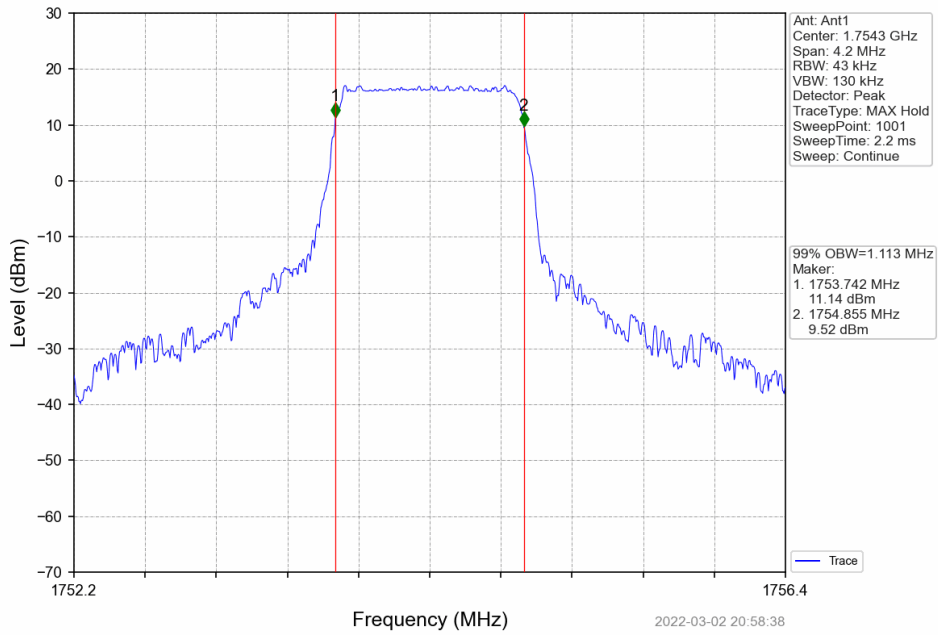
Band: 4 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.118	Pass
		1732.5	6	0	1.111	Pass
		1751.3	6	0	1.113	Pass
	16QAM	1710.7	6	0	1.115	Pass
		1732.5	6	0	1.110	Pass
		1751.3	6	0	1.118	Pass
3	QPSK	1711.5	15	0	2.760	Pass
		1732.5	15	0	2.755	Pass
		1753.5	15	0	2.749	Pass
	16QAM	1711.5	15	0	2.766	Pass
		1732.5	15	0	2.758	Pass
		1753.5	15	0	2.753	Pass
5	QPSK	1712.5	25	0	4.596	Pass
		1732.5	25	0	4.577	Pass
		1752.5	25	0	4.559	Pass
	16QAM	1712.5	25	0	4.571	Pass
		1732.5	25	0	4.613	Pass
		1752.5	25	0	4.620	Pass
10	QPSK	1715	50	0	9.110	Pass
		1732.5	50	0	9.056	Pass
		1750	50	0	9.066	Pass
	16QAM	1715	50	0	9.106	Pass
		1732.5	50	0	9.094	Pass
		1750	50	0	9.080	Pass
15	QPSK	1712.5	75	0	13.661	Pass
		1732.5	75	0	13.568	Pass
		1742.5	75	0	13.624	Pass
	16QAM	1712.5	75	0	13.672	Pass
		1732.5	75	0	13.605	Pass
		1742.5	75	0	13.639	Pass
20	QPSK	1720	100	0	18.142	Pass
		1732.5	100	0	18.099	Pass
		1745	100	0	18.133	Pass
	16QAM	1720	100	0	18.138	Pass
		1732.5	100	0	18.097	Pass
		1745	100	0	18.168	Pass

## 2.1.2 Test Graph

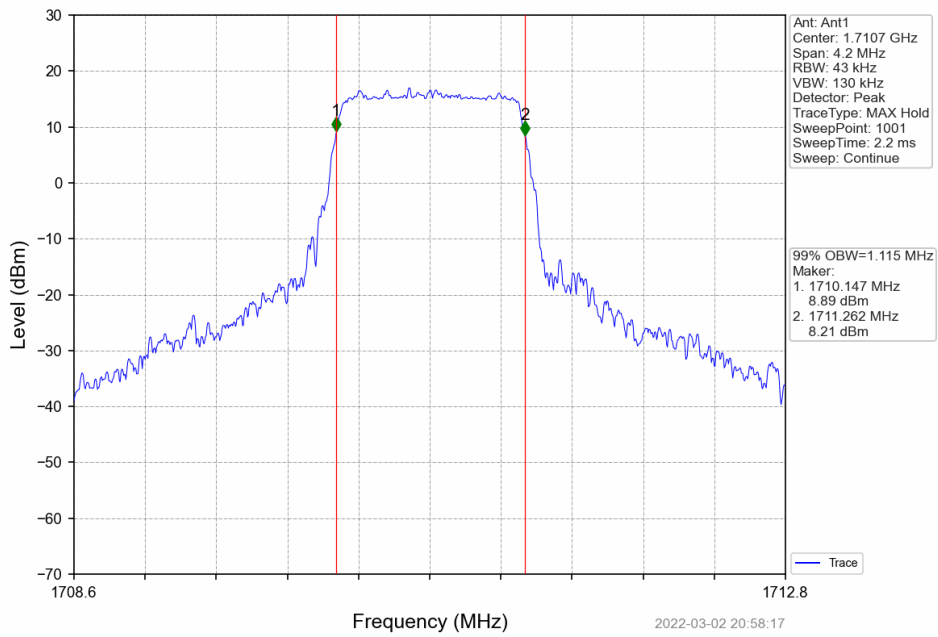




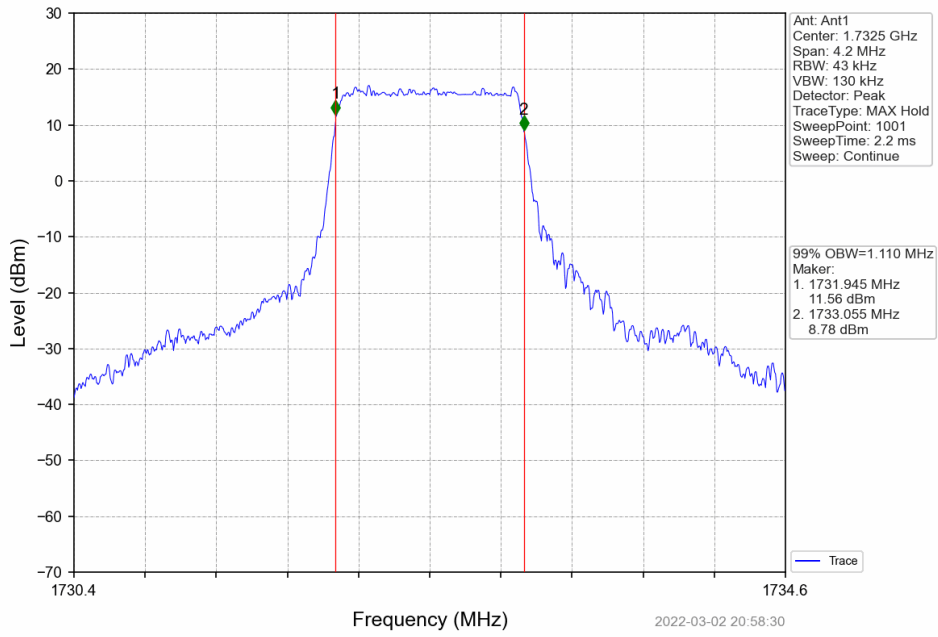
Band4\_1.4MHz\_QPSK\_HCH\_1751.3MHz\_RB\_6\_0\_NTNV



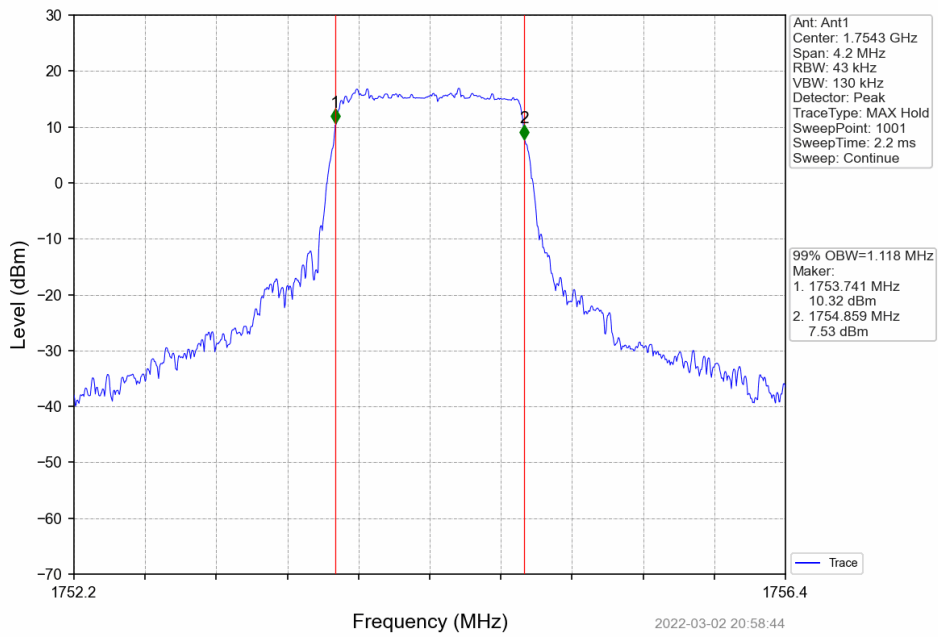
Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



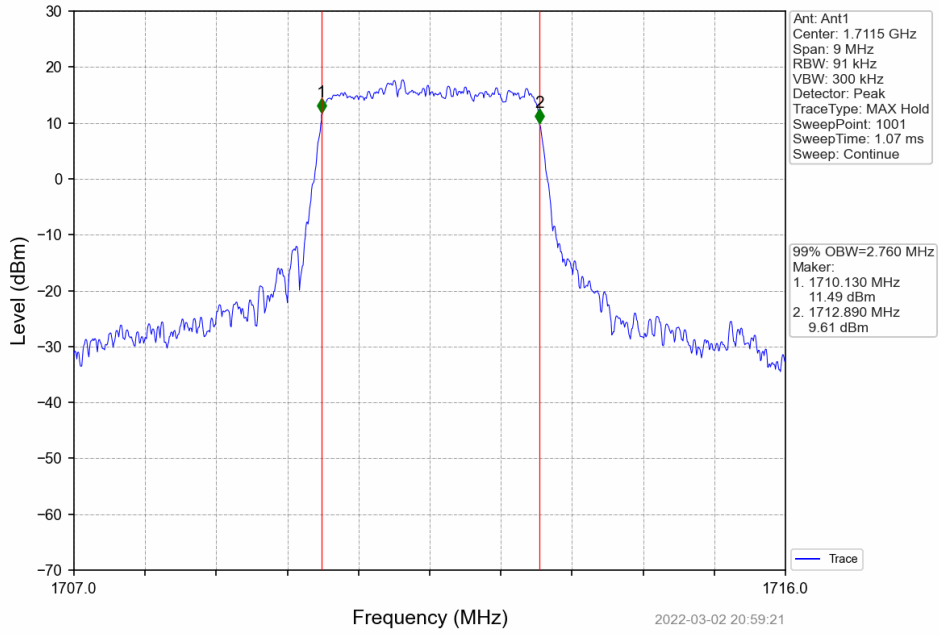
Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_6\_0\_NTNV



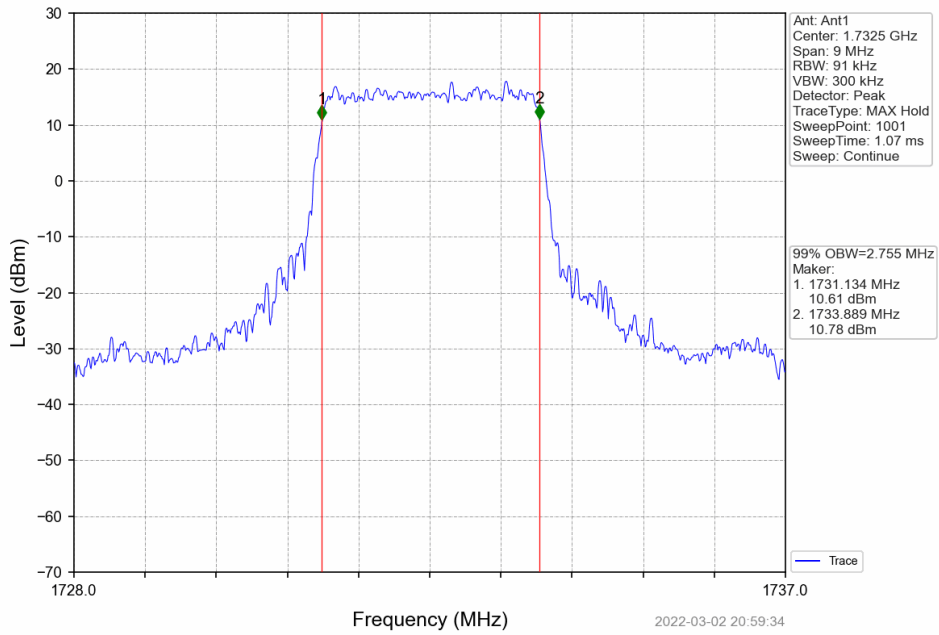
Band4\_1.4MHz\_16QAM\_HCH\_1751.3MHz\_RB\_6\_0\_NTNV



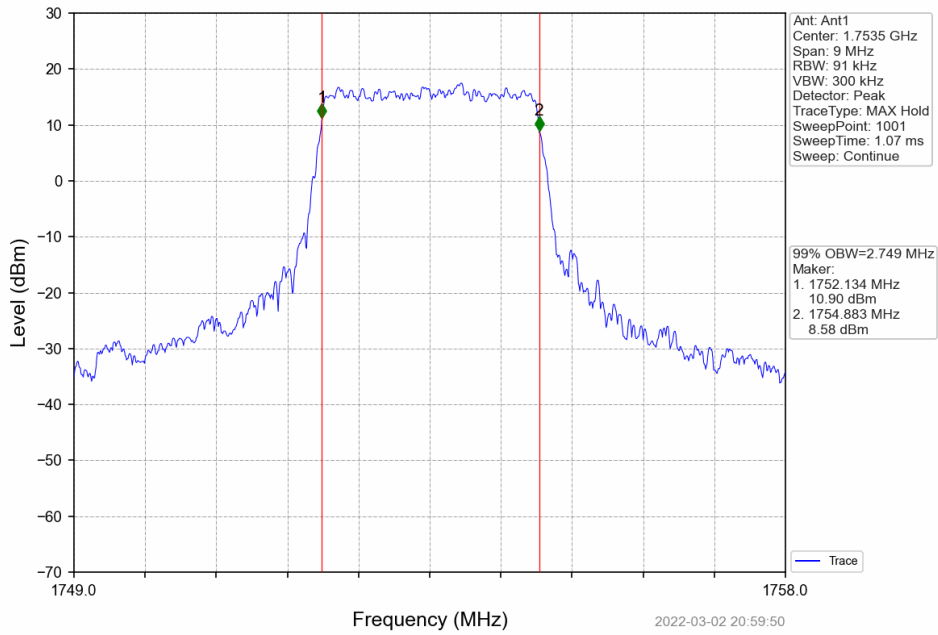
Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



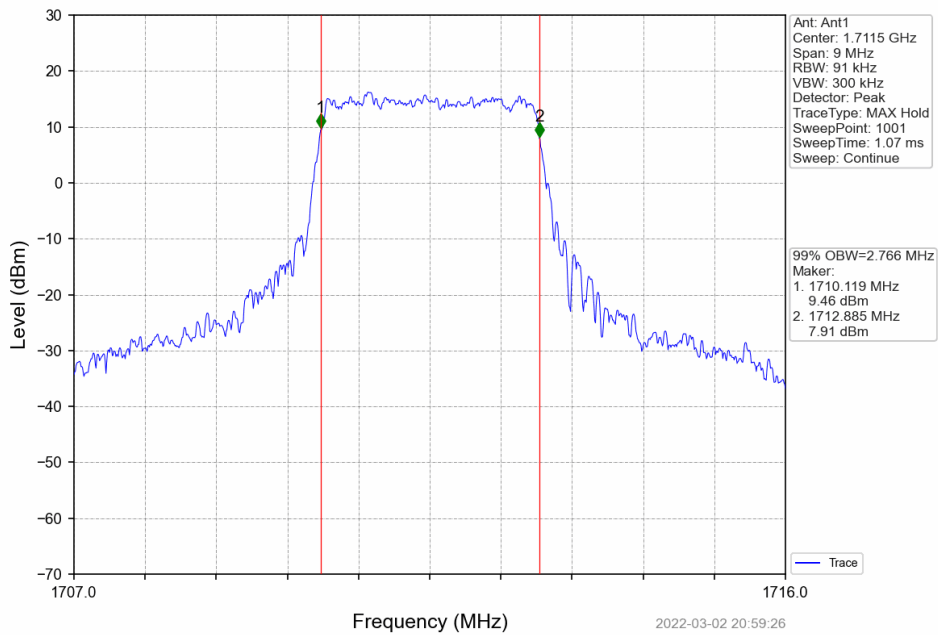
Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



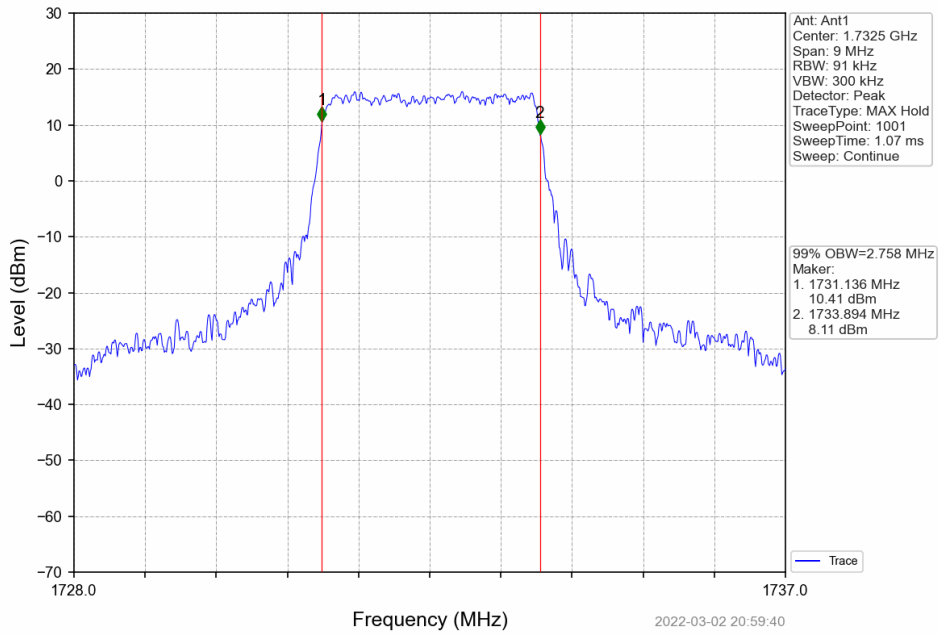
Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



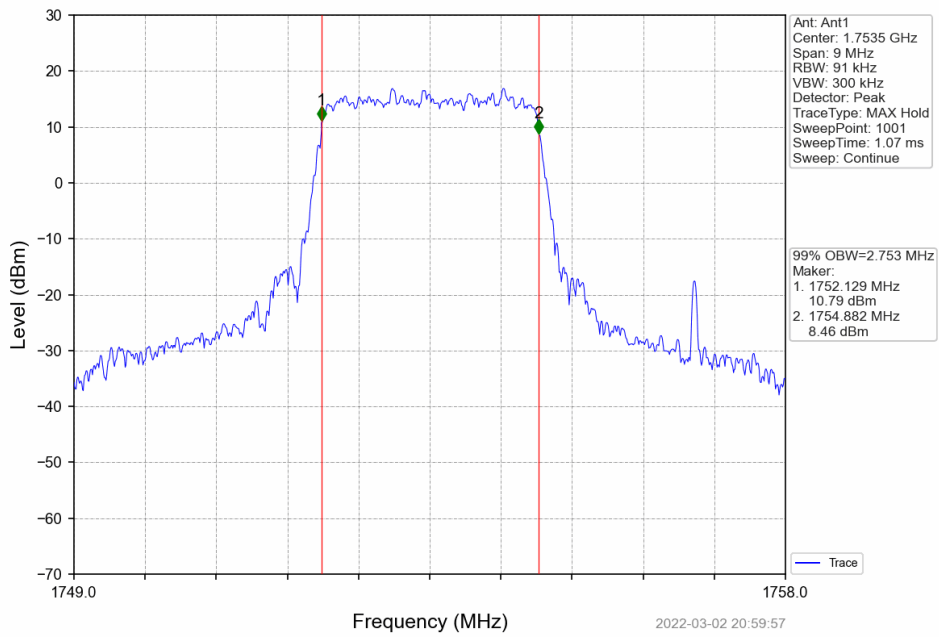
Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



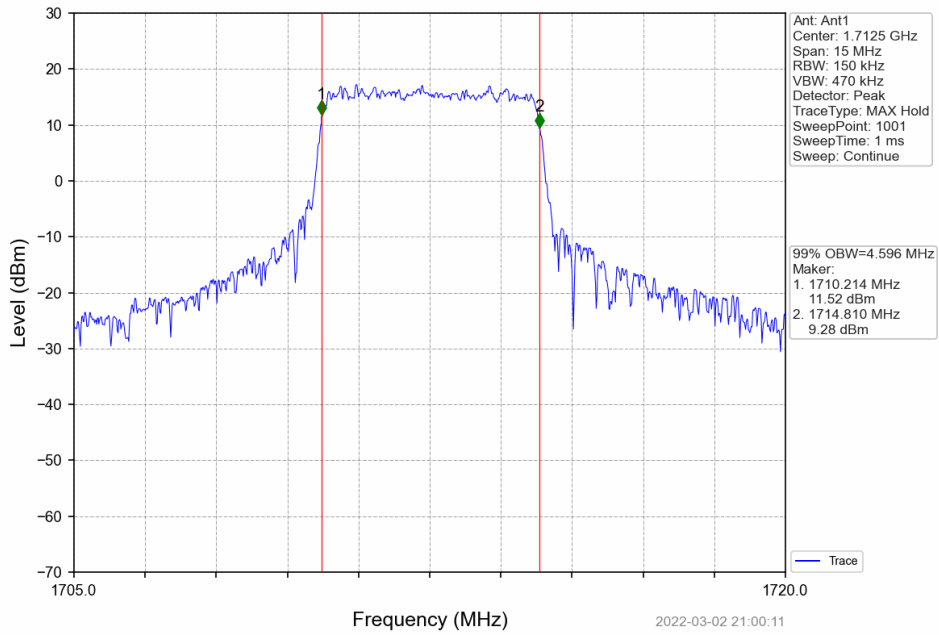
Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



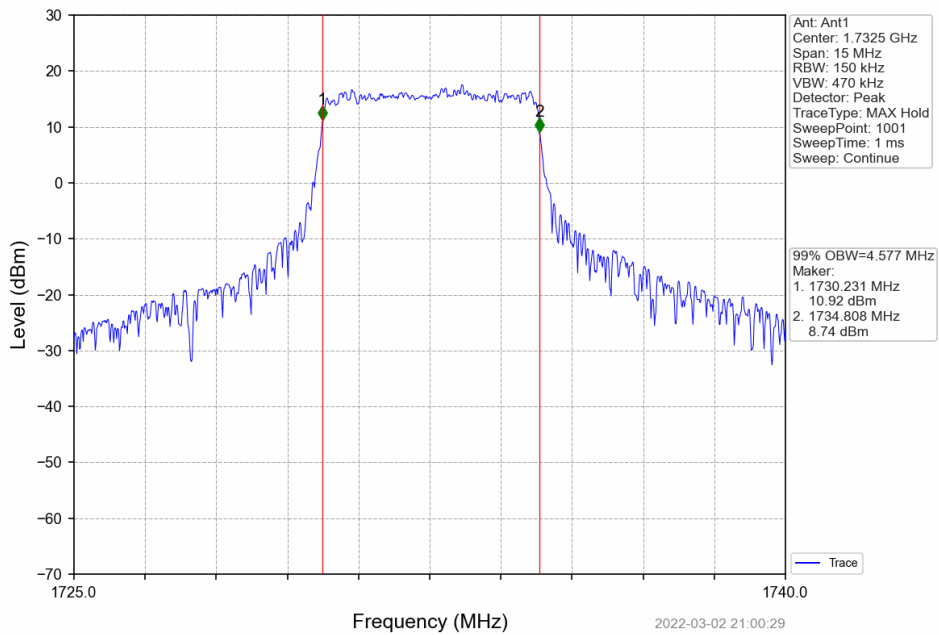
Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



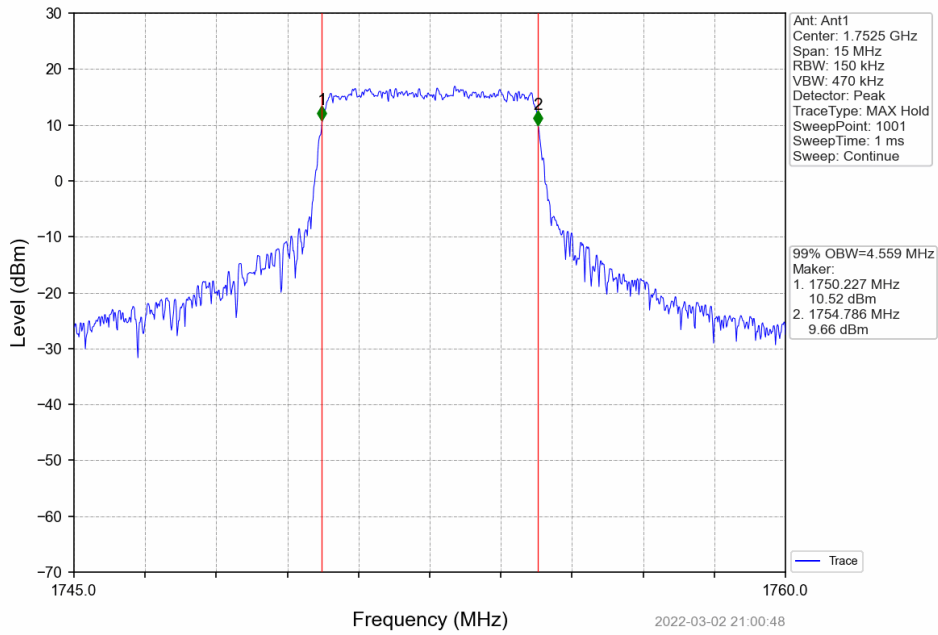
Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



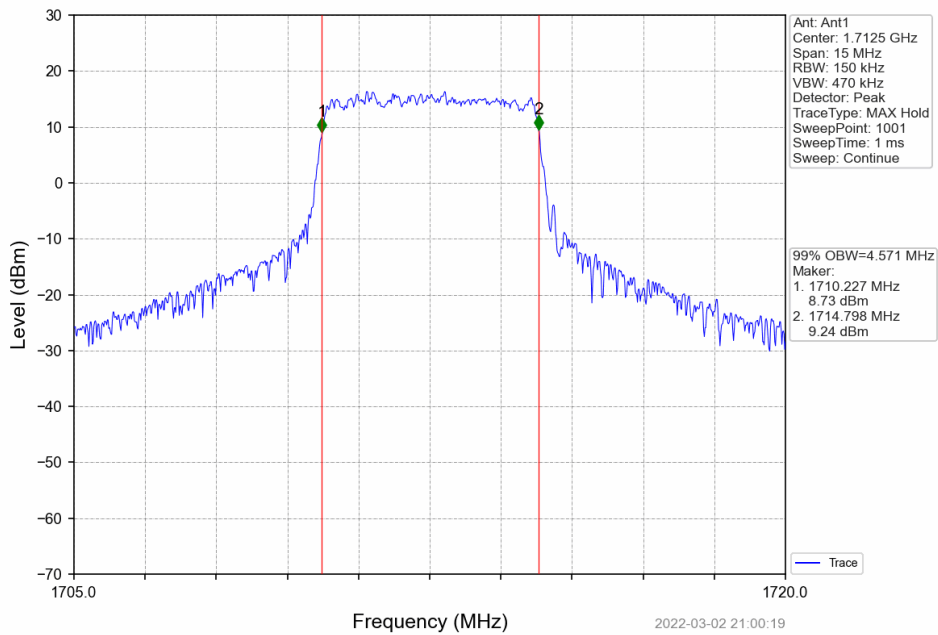
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



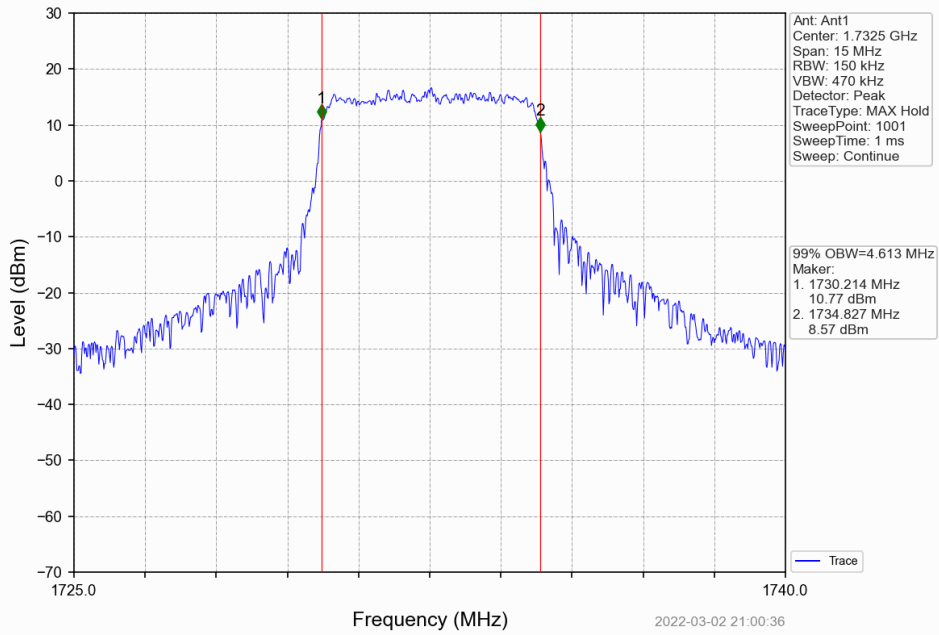
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



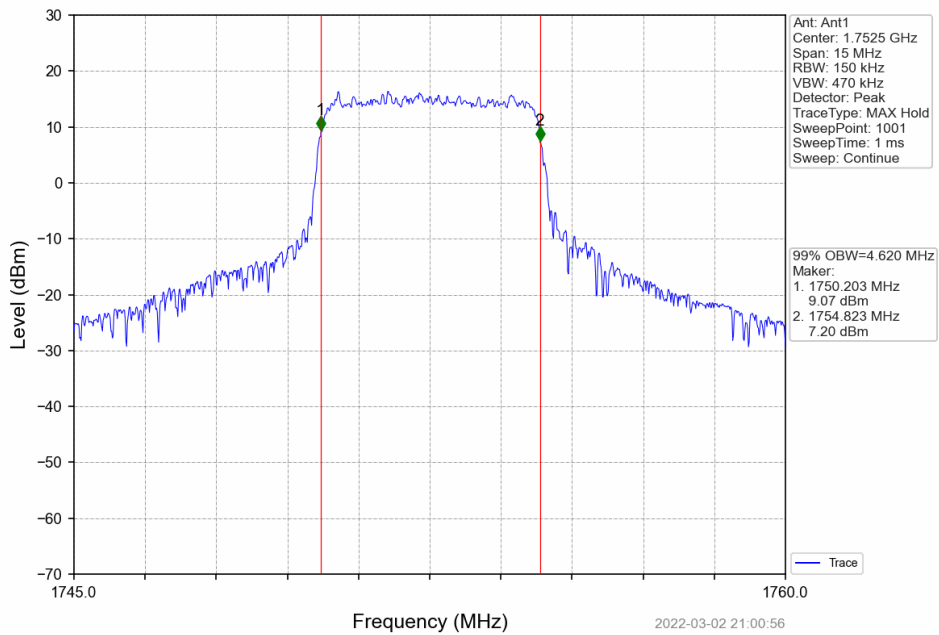
Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV

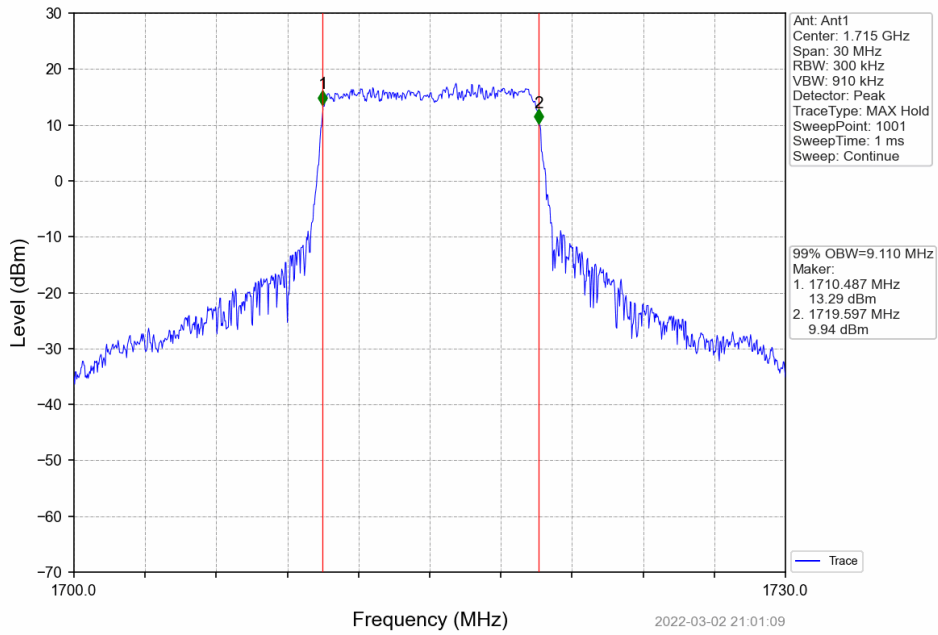


Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV





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



Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV

