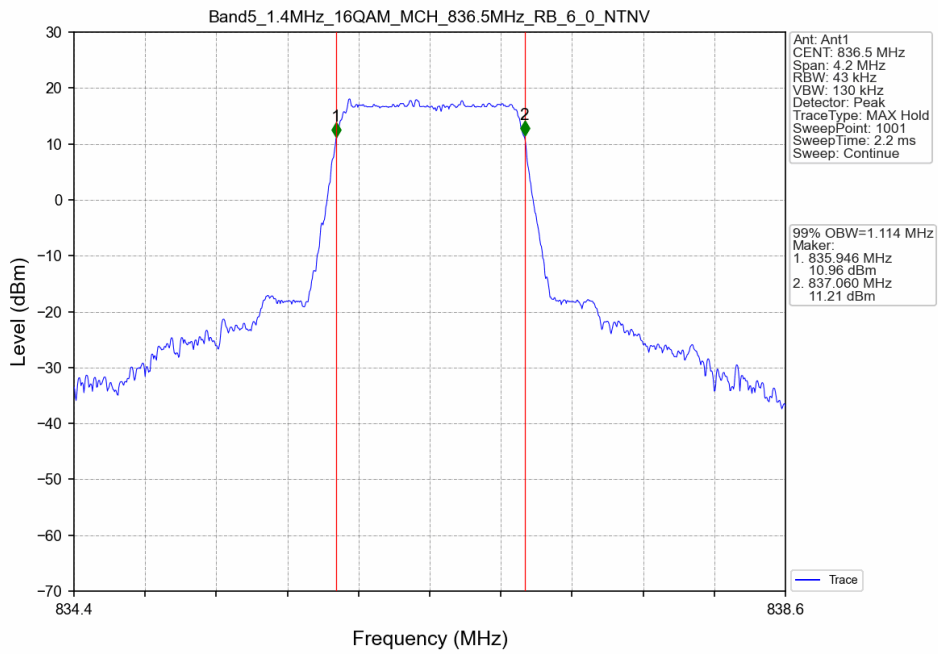
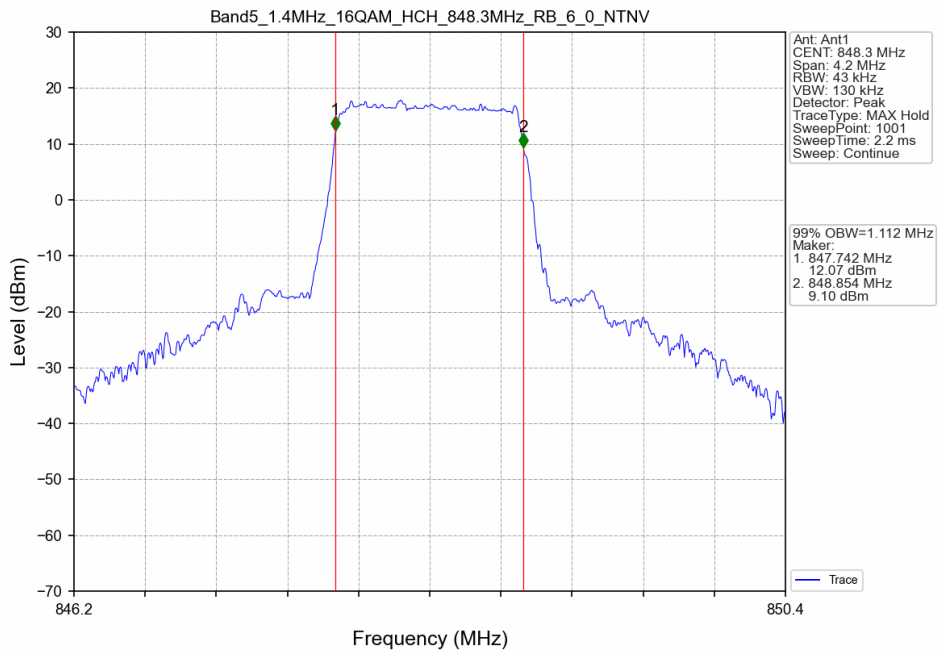


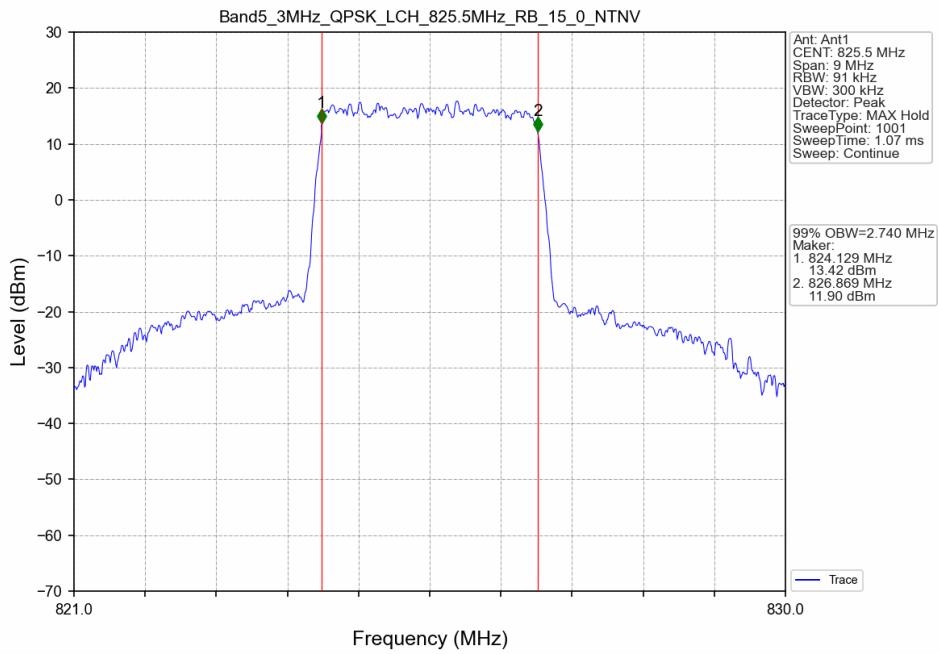
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



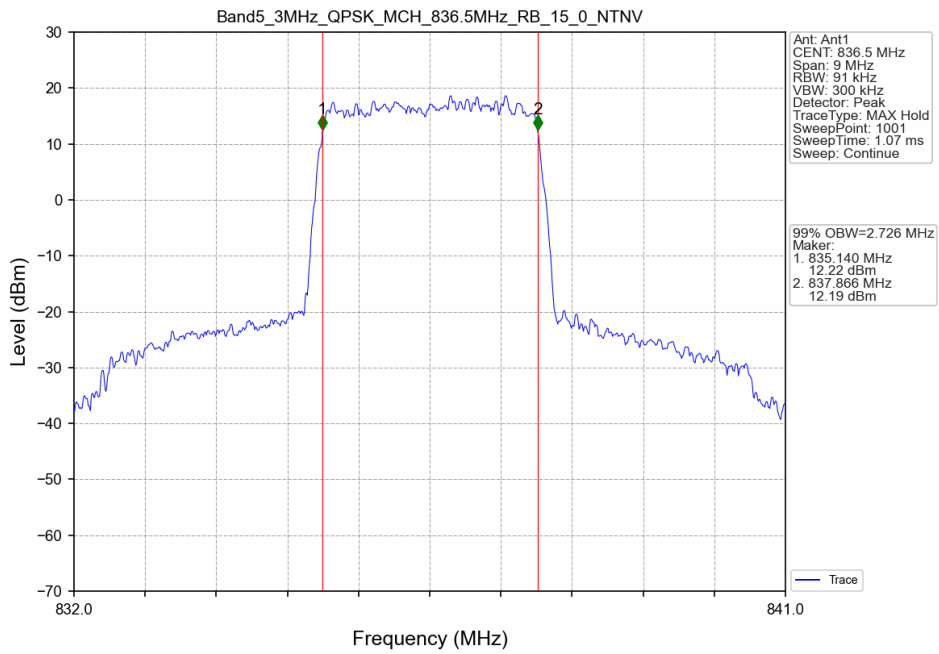
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



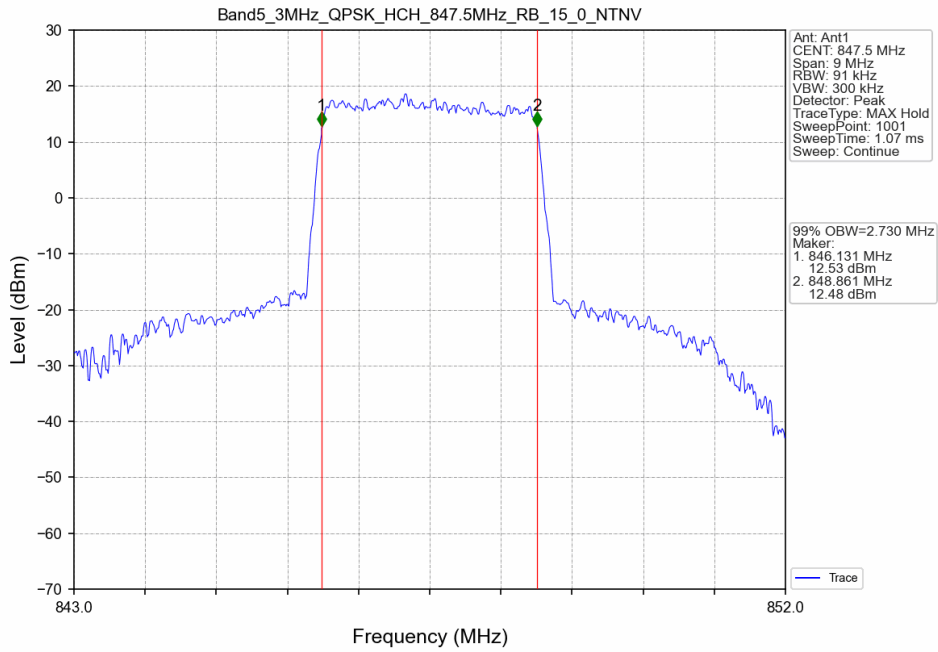
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



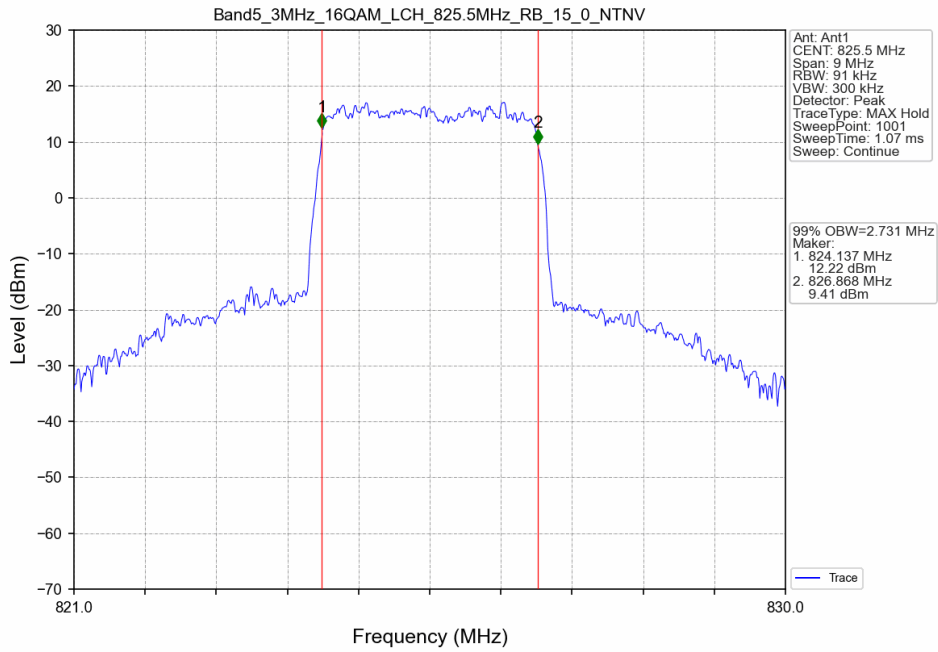
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



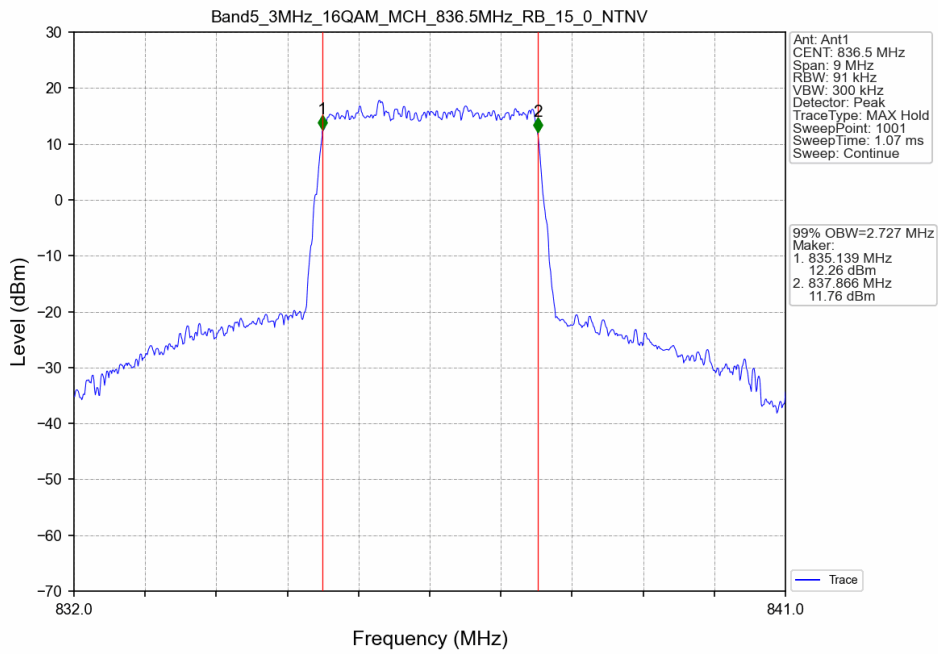
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



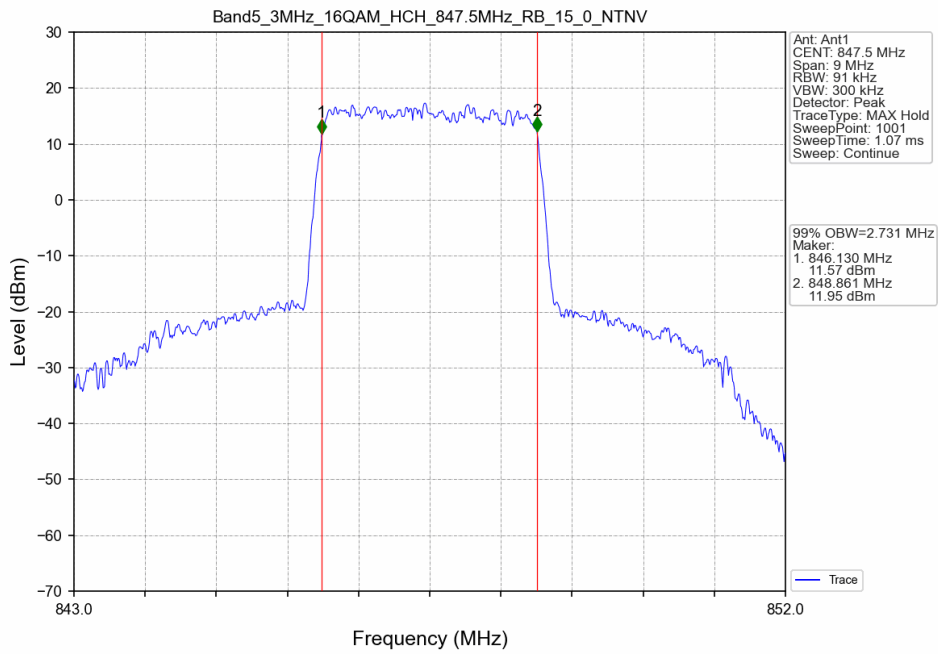
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



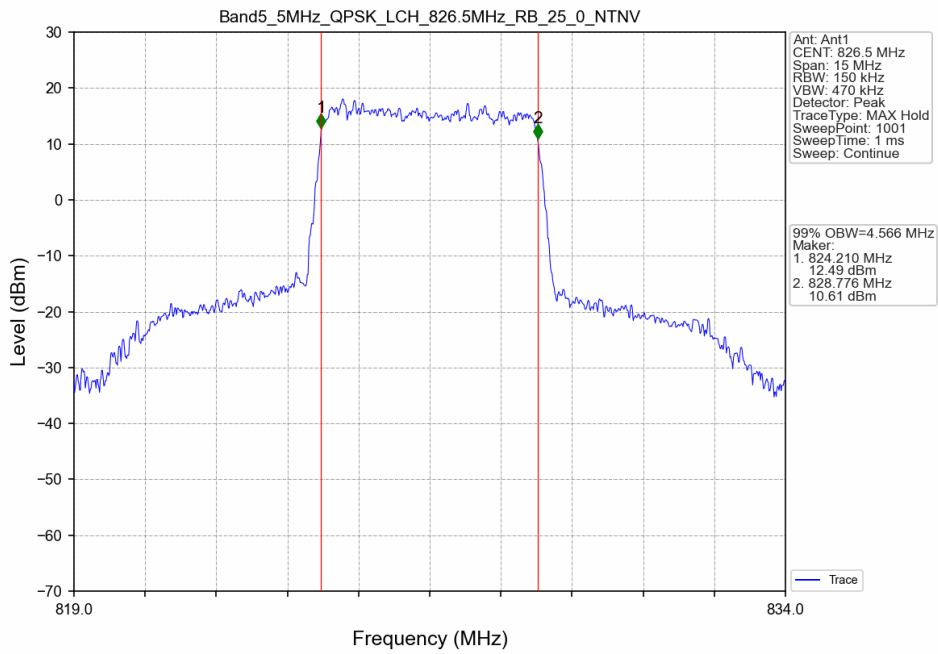
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



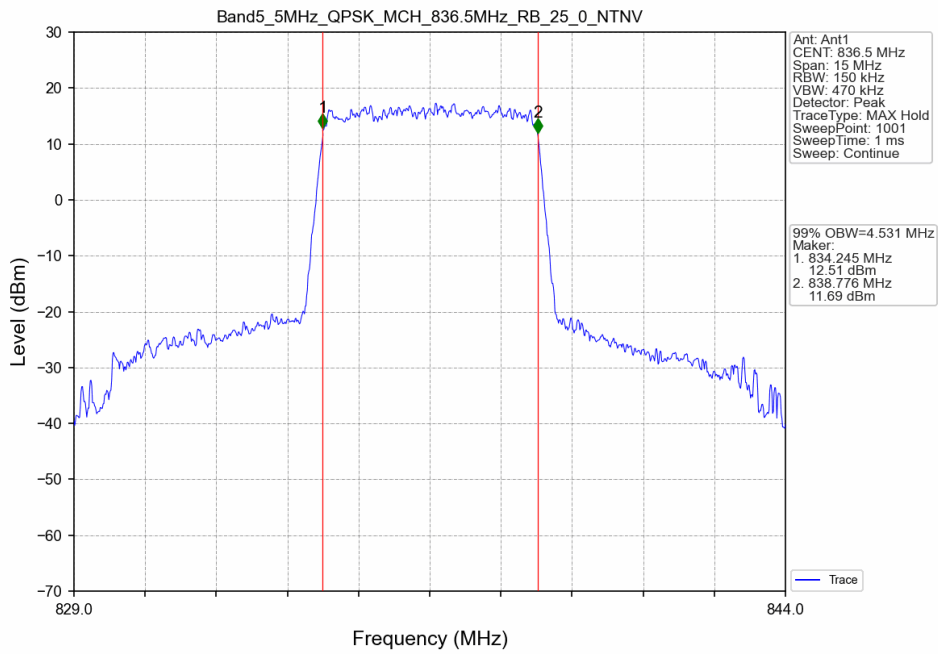
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



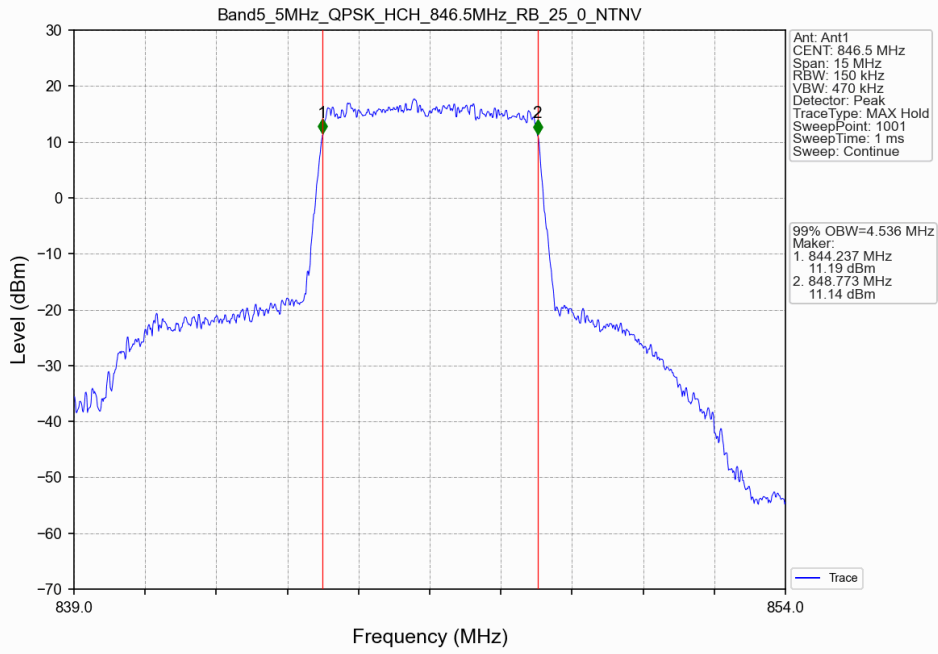
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



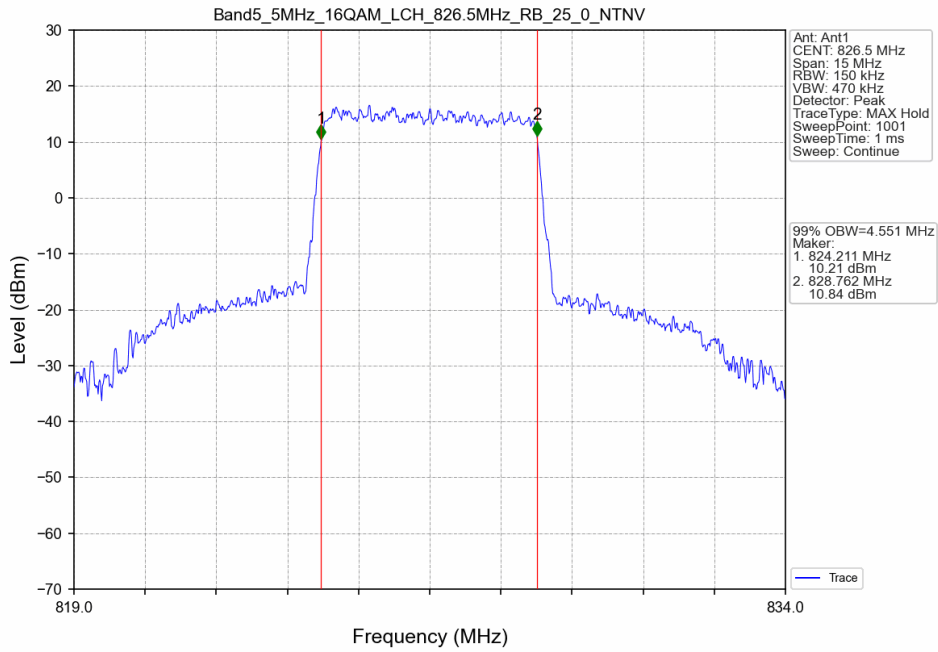
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



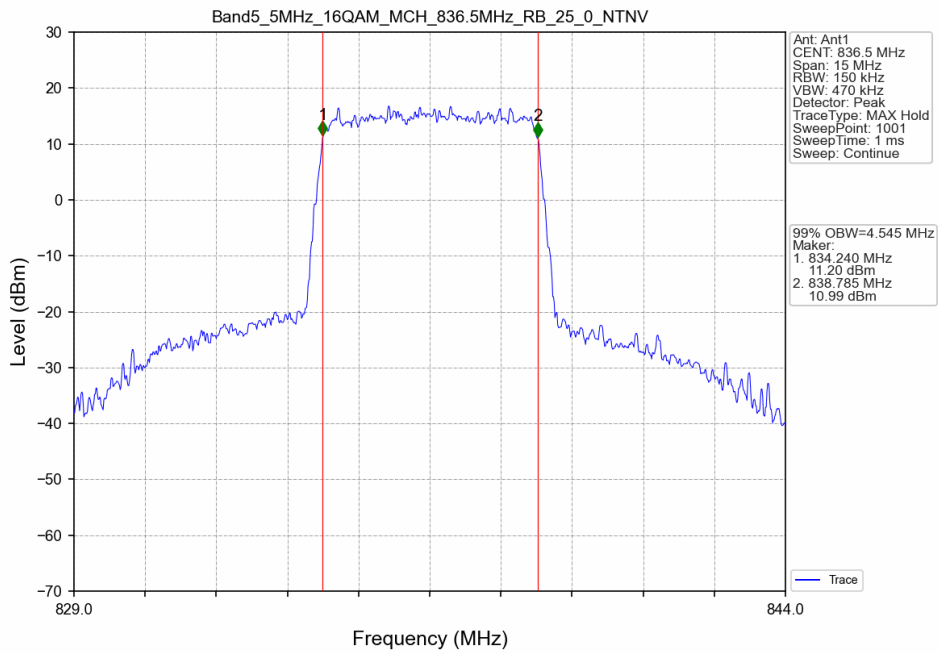
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



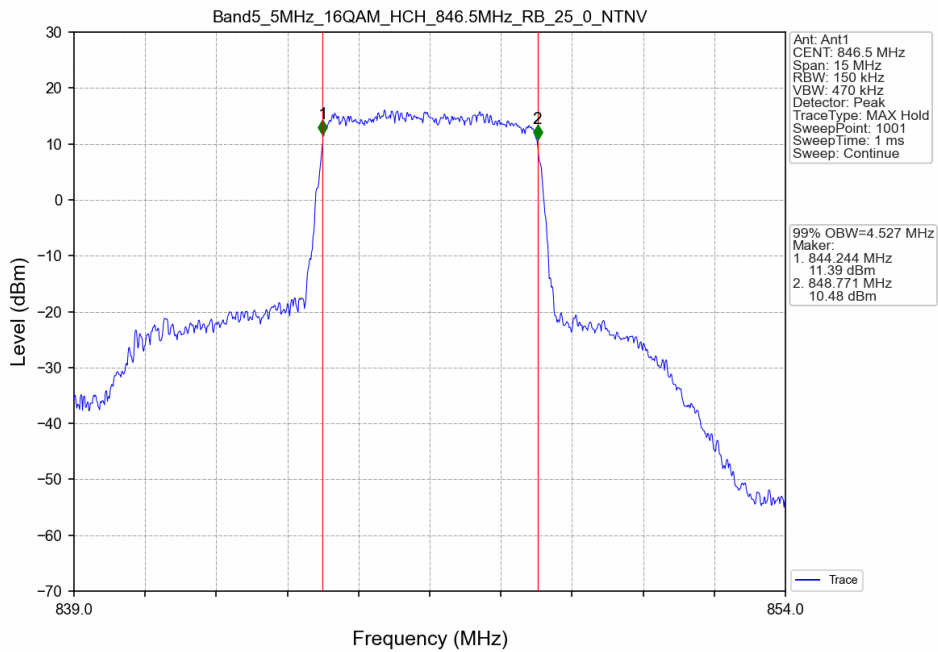
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



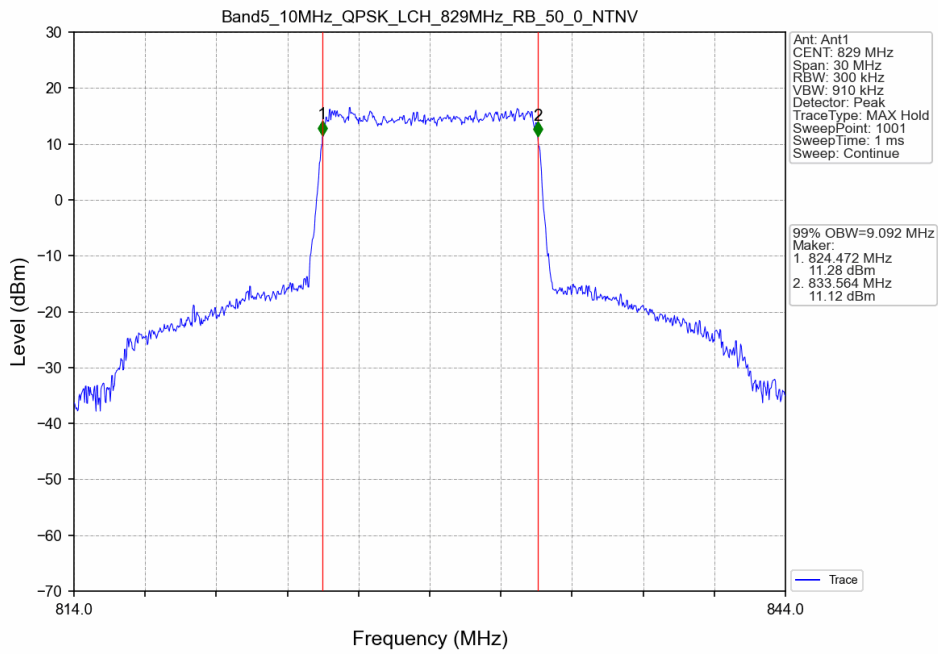
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



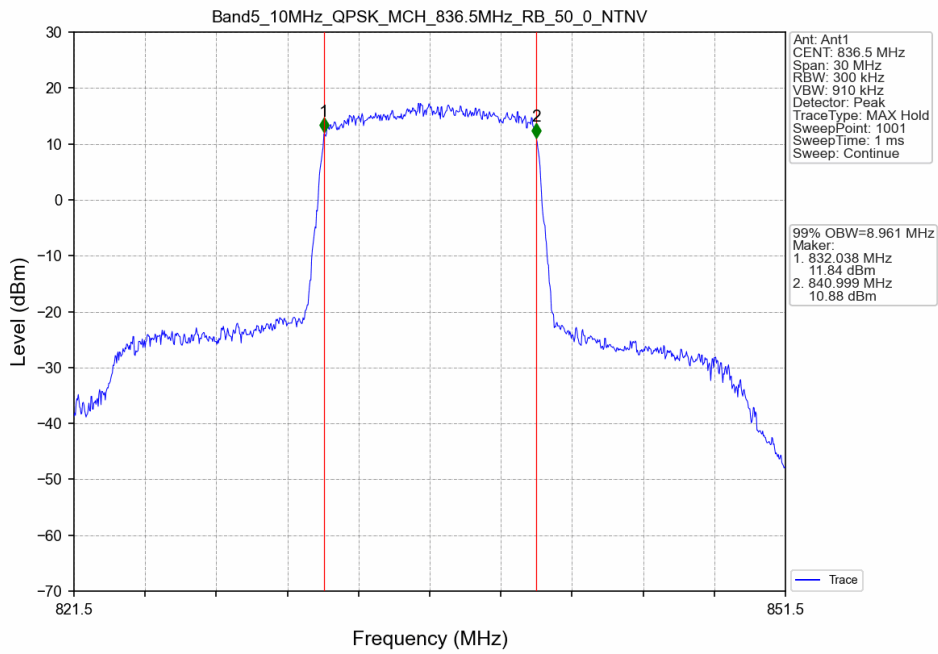
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



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

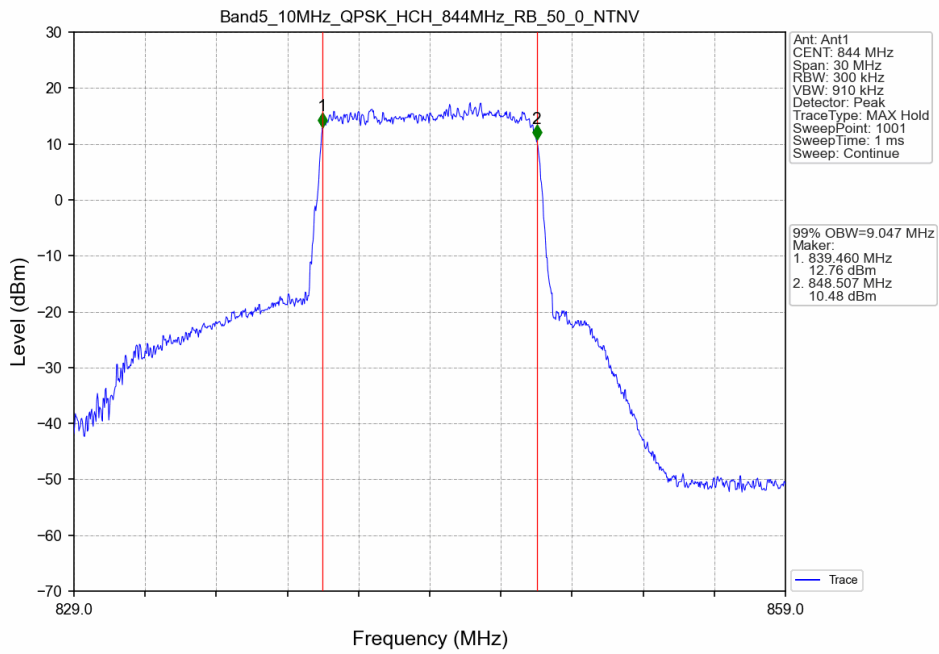


Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

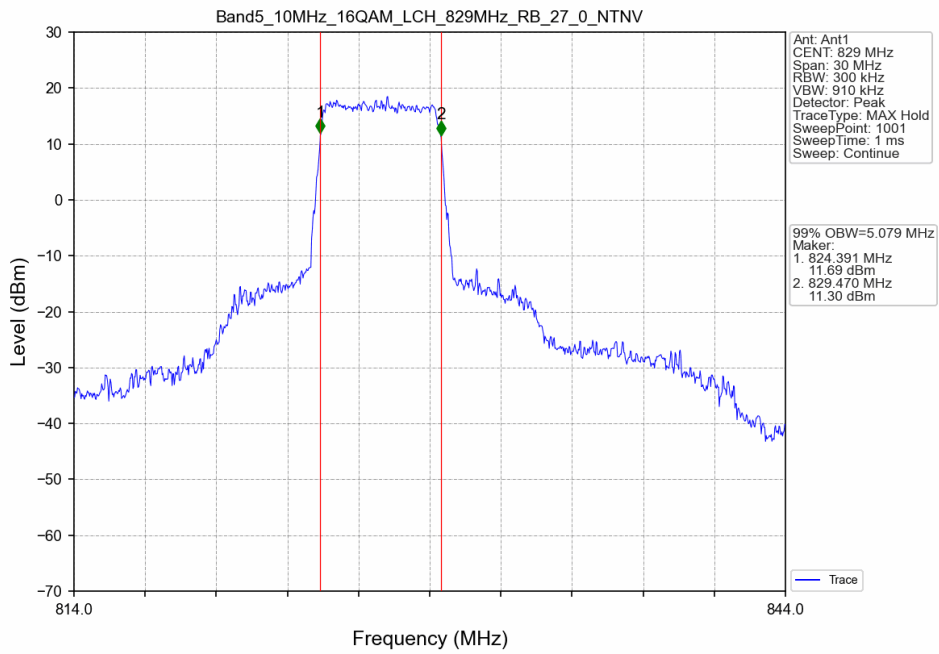




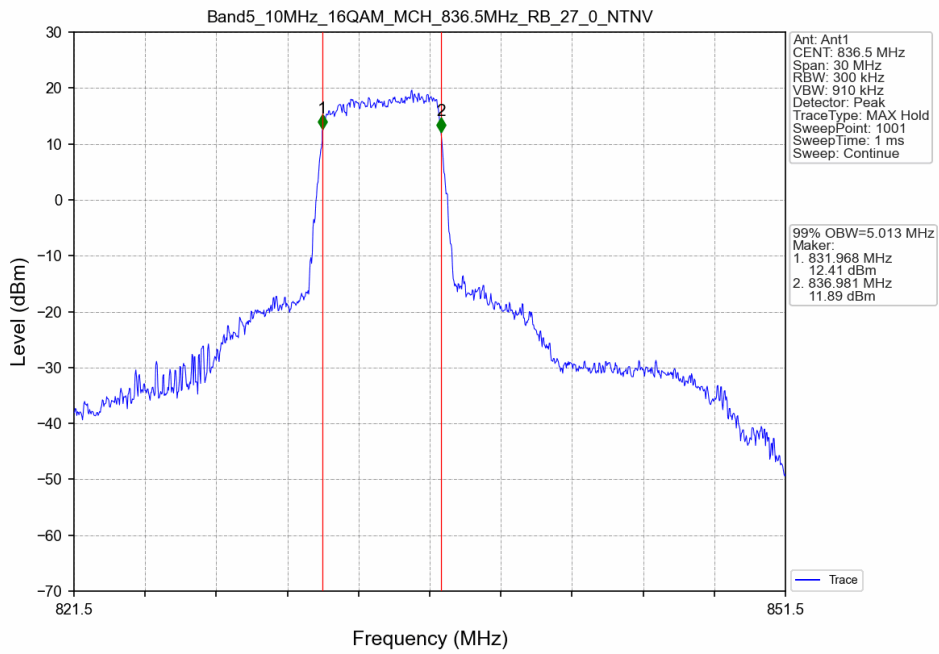
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



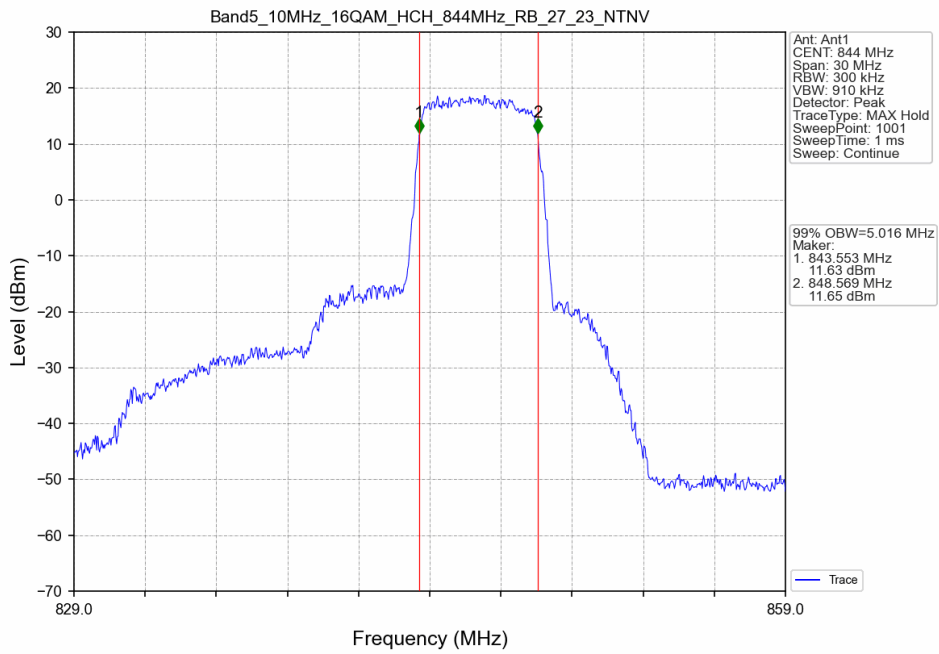
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_27\_0\_NTNV



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_27\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_27\_23\_NTNV

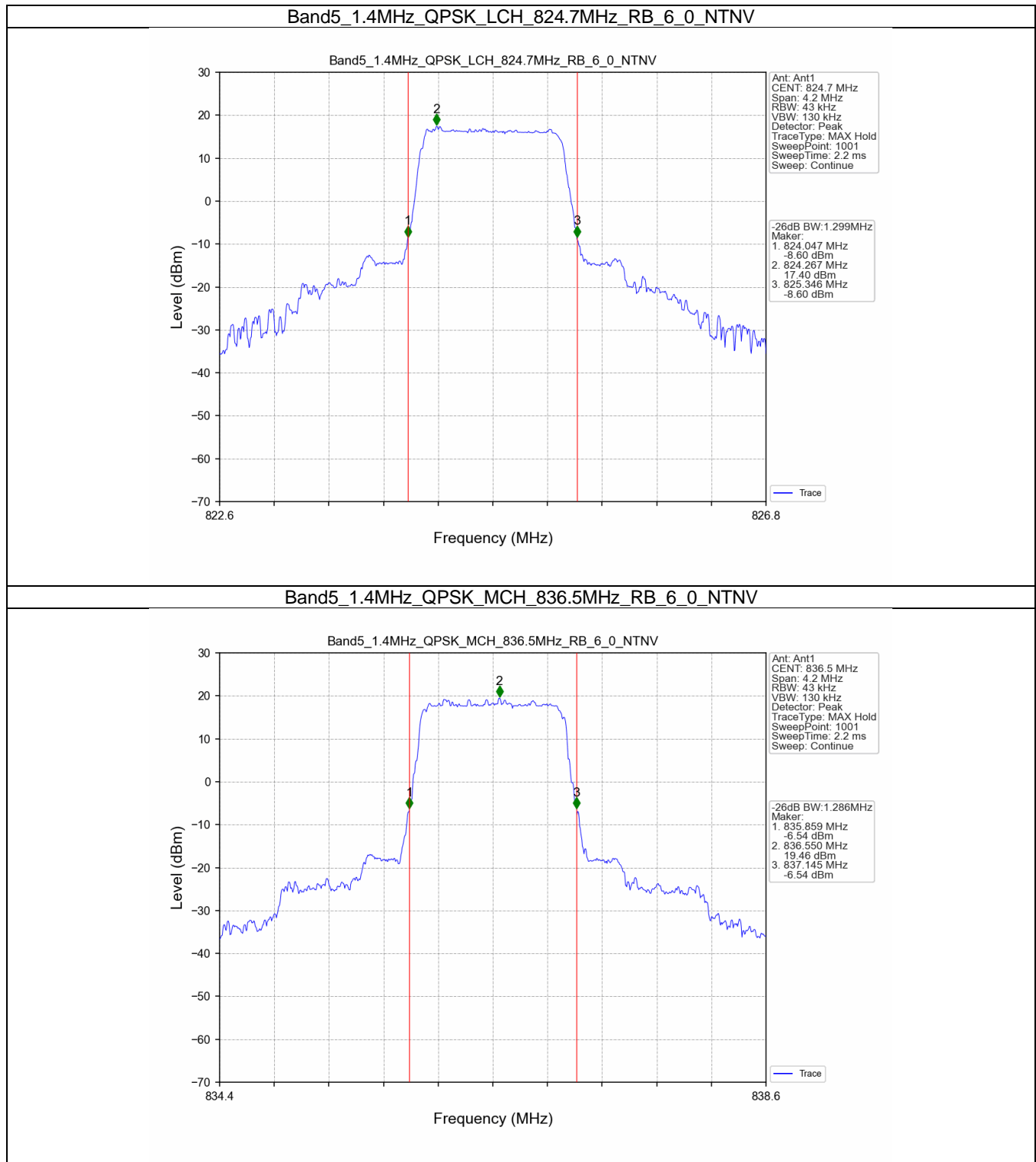


## 11.2 Band5\_XDB

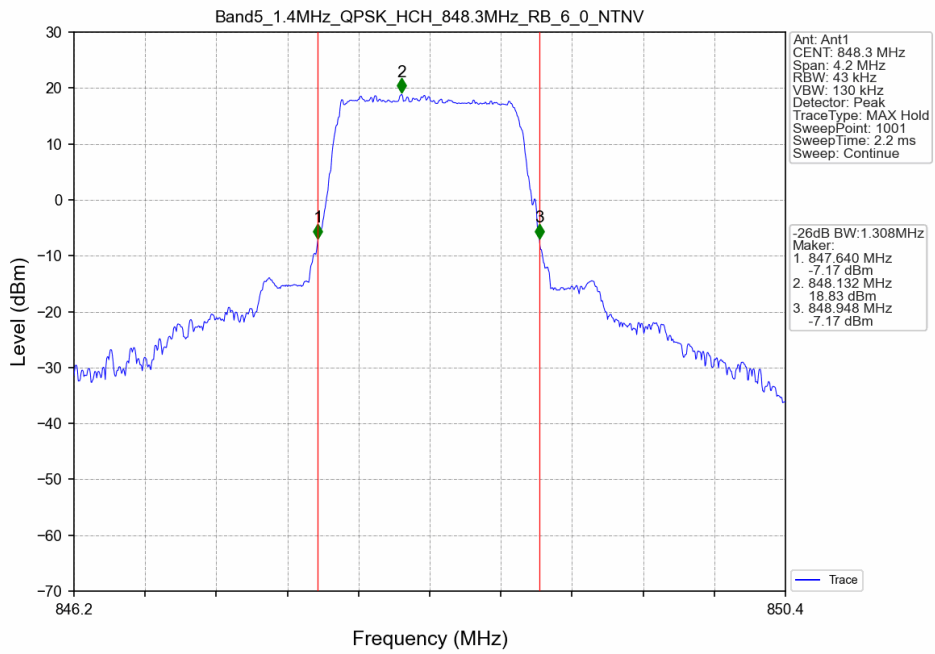
### 11.2.1 Test Result

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.299	/	Pass
		836.5	6	0	1.286	/	Pass
		848.3	6	0	1.308	/	Pass
	16QAM	824.7	6	0	1.304	/	Pass
		836.5	6	0	1.305	/	Pass
		848.3	6	0	1.302	/	Pass
3	QPSK	825.5	15	0	3.019	/	Pass
		836.5	15	0	3.016	/	Pass
		847.5	15	0	3.024	/	Pass
	16QAM	825.5	15	0	3.009	/	Pass
		836.5	15	0	3.008	/	Pass
		847.5	15	0	3.011	/	Pass
5	QPSK	826.5	25	0	5.062	/	Pass
		836.5	25	0	5.026	/	Pass
		846.5	25	0	5.004	/	Pass
	16QAM	826.5	25	0	5.048	/	Pass
		836.5	25	0	5.043	/	Pass
		846.5	25	0	4.999	/	Pass
10	QPSK	829	50	0	9.968	/	Pass
		836.5	50	0	9.879	/	Pass
		844	50	0	9.858	/	Pass
	16QAM	829	27	0	5.820	/	Pass
		836.5	27	0	5.778	/	Pass
		844	27	23	5.795	/	Pass

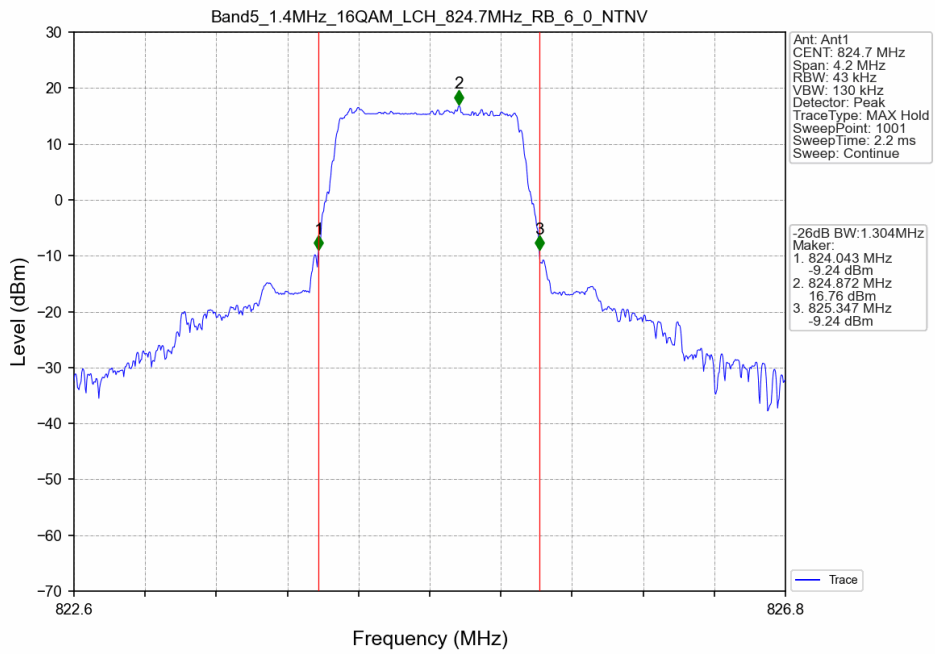
## 11.2.2 Test Graph



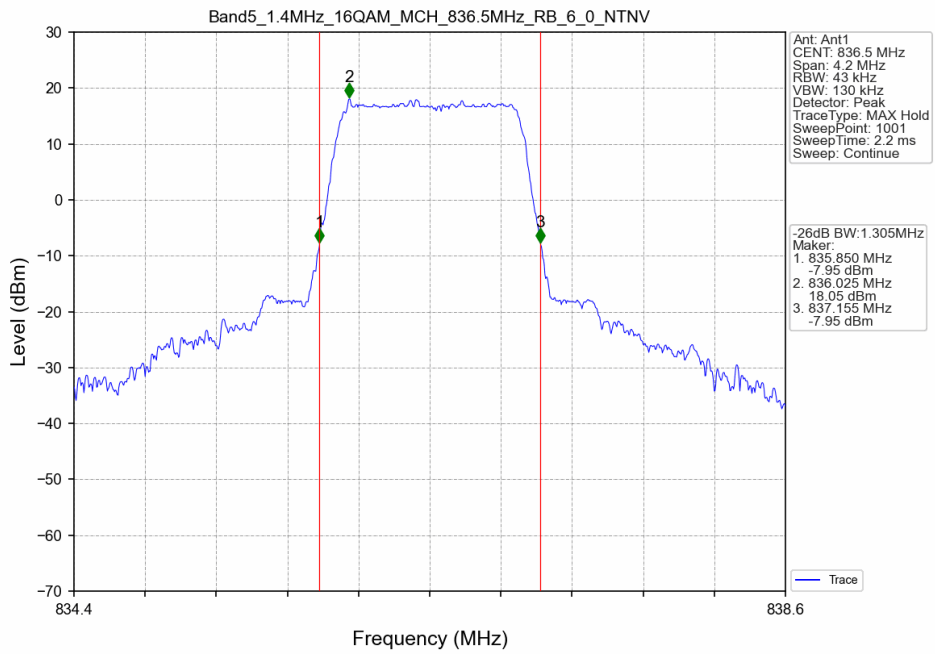
Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



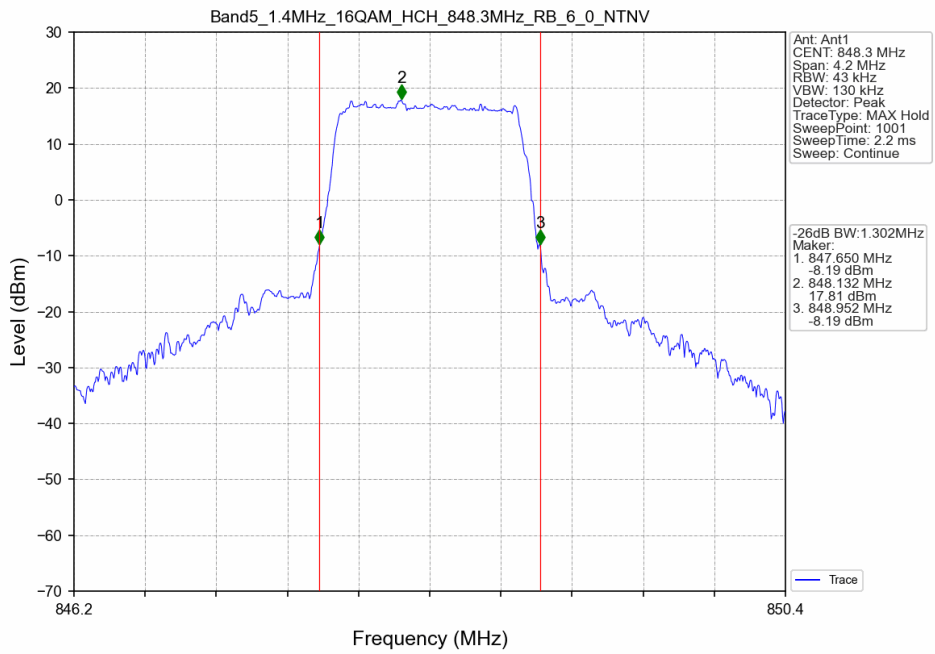
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



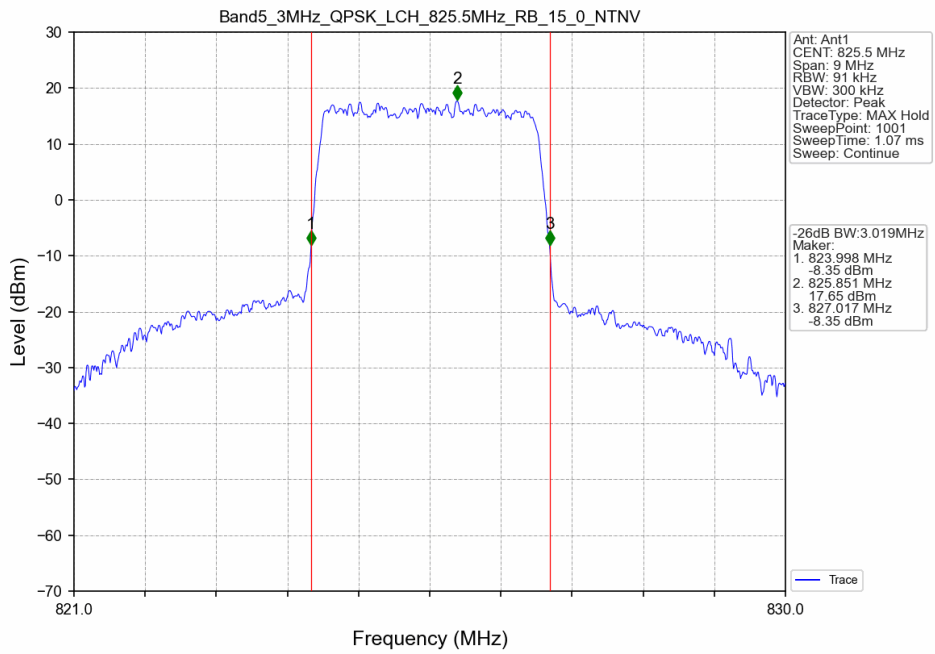
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



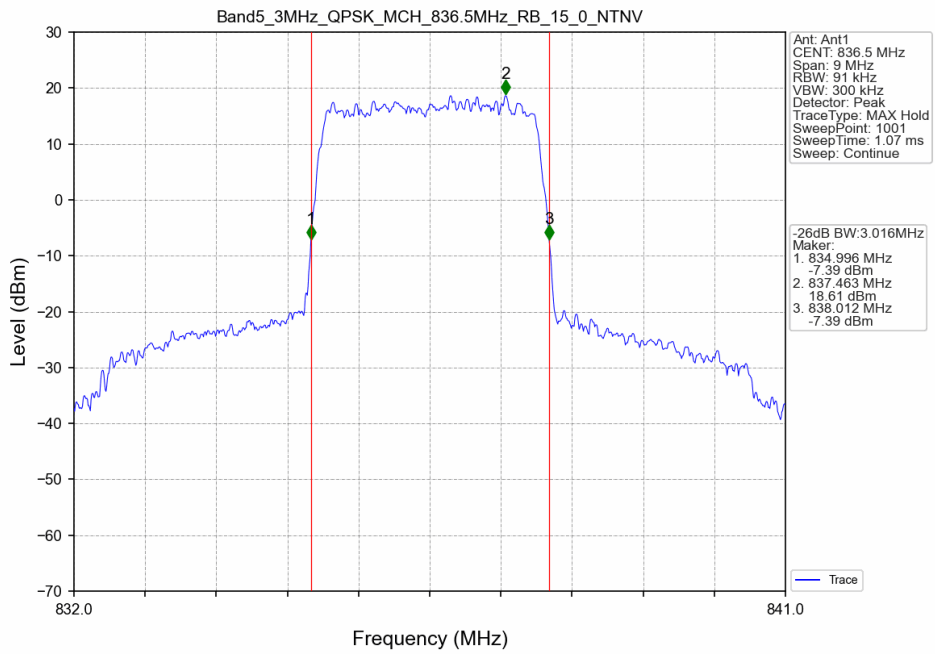
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



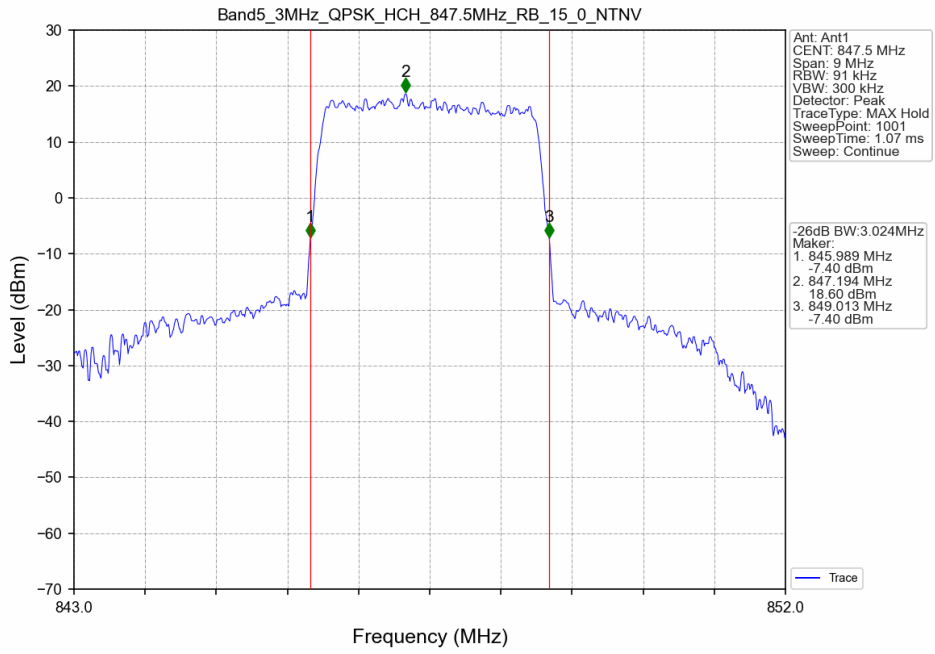
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



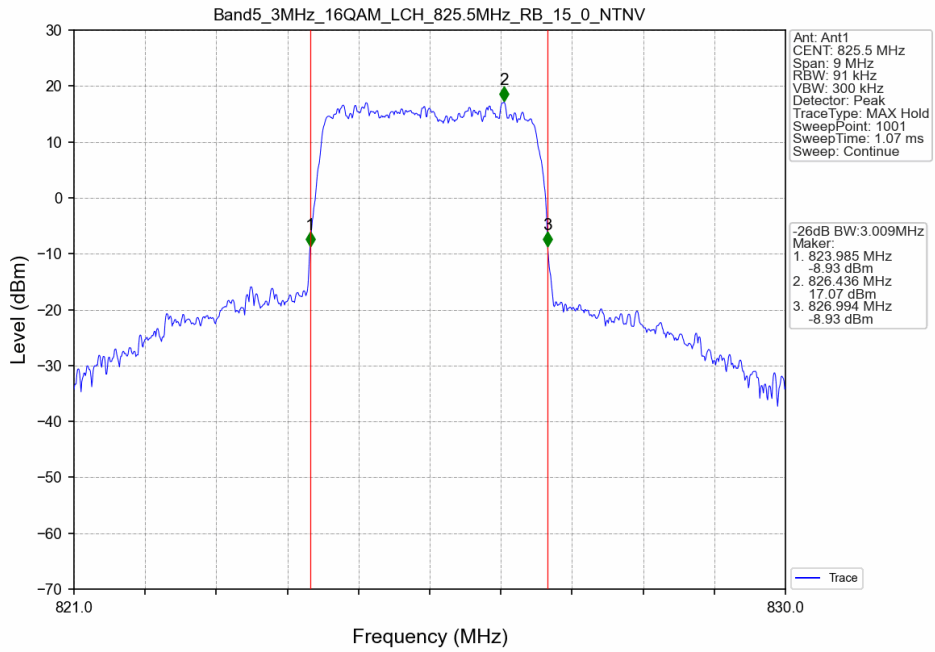
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



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

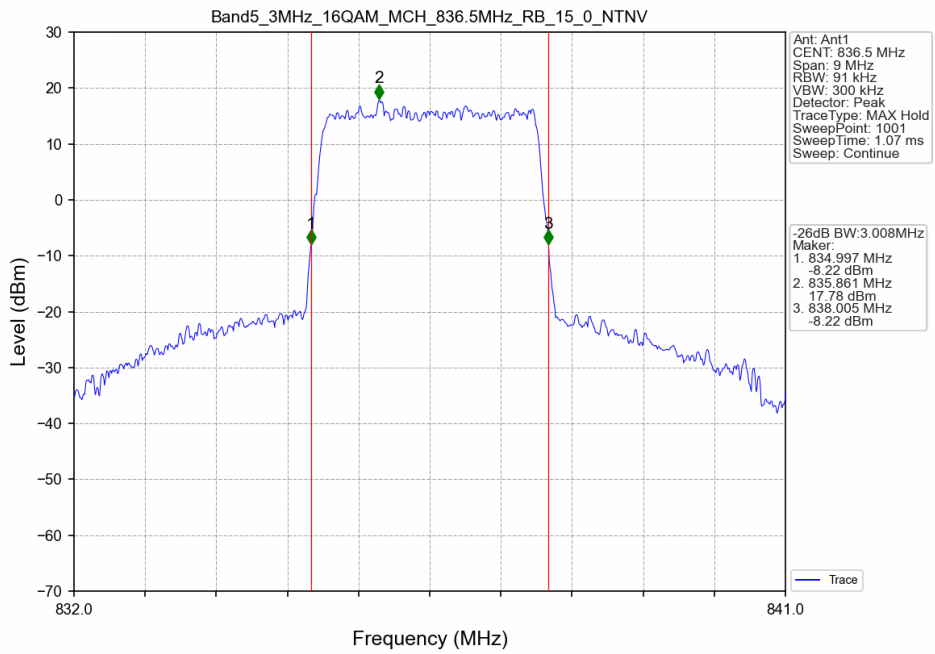


Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

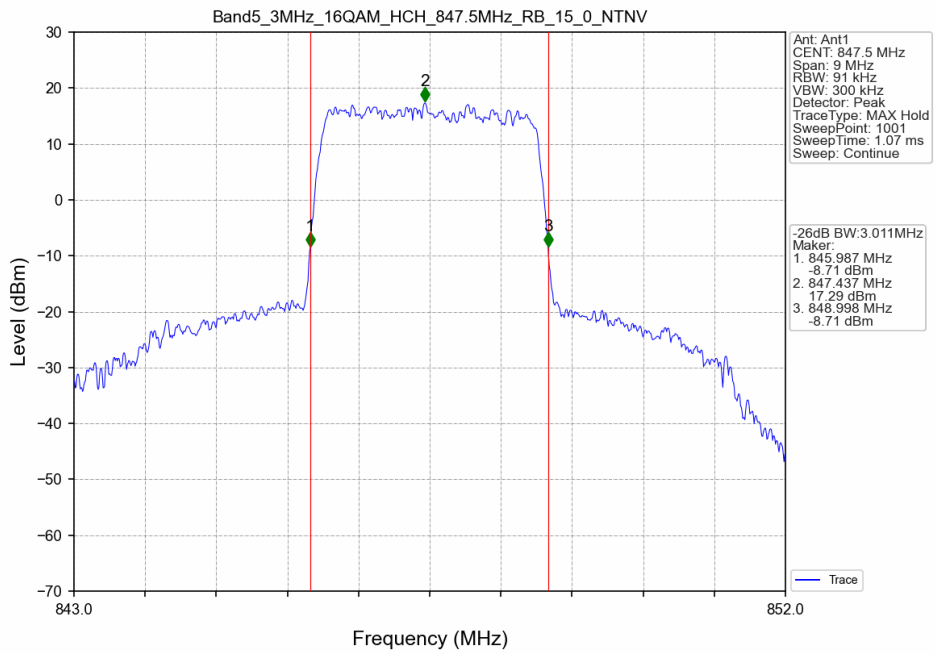




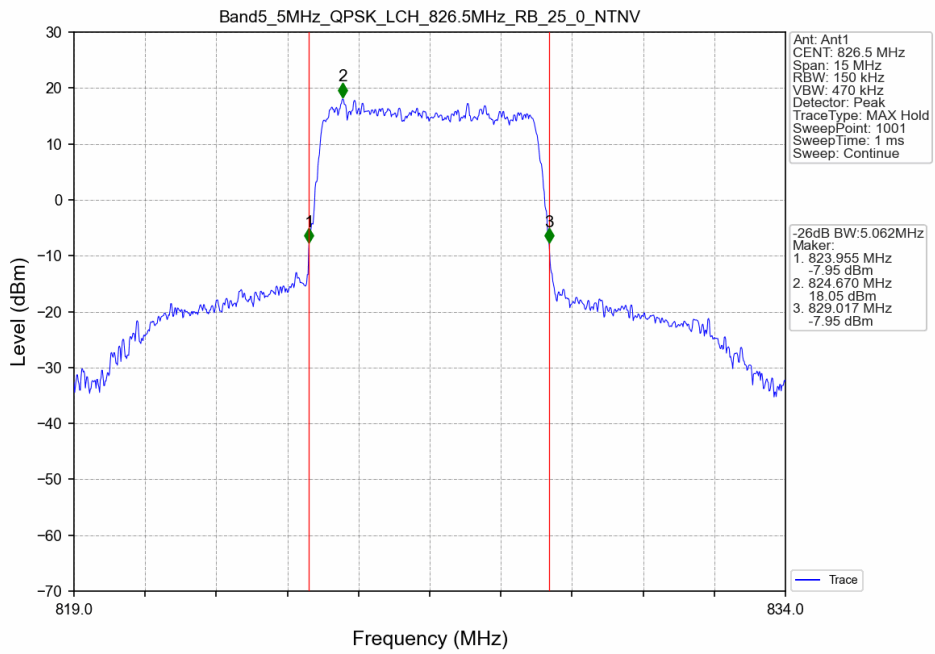
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



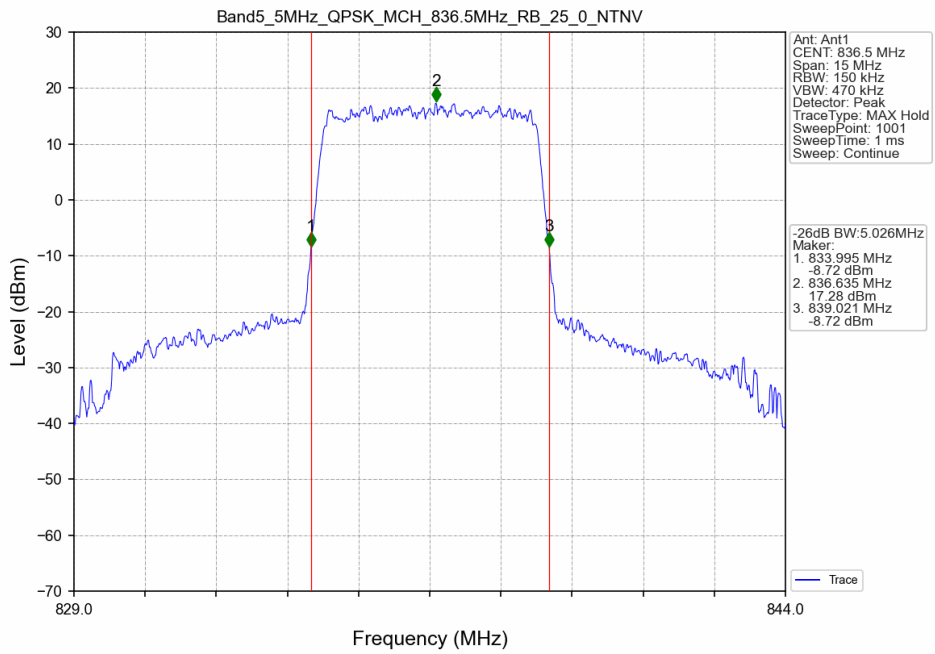
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



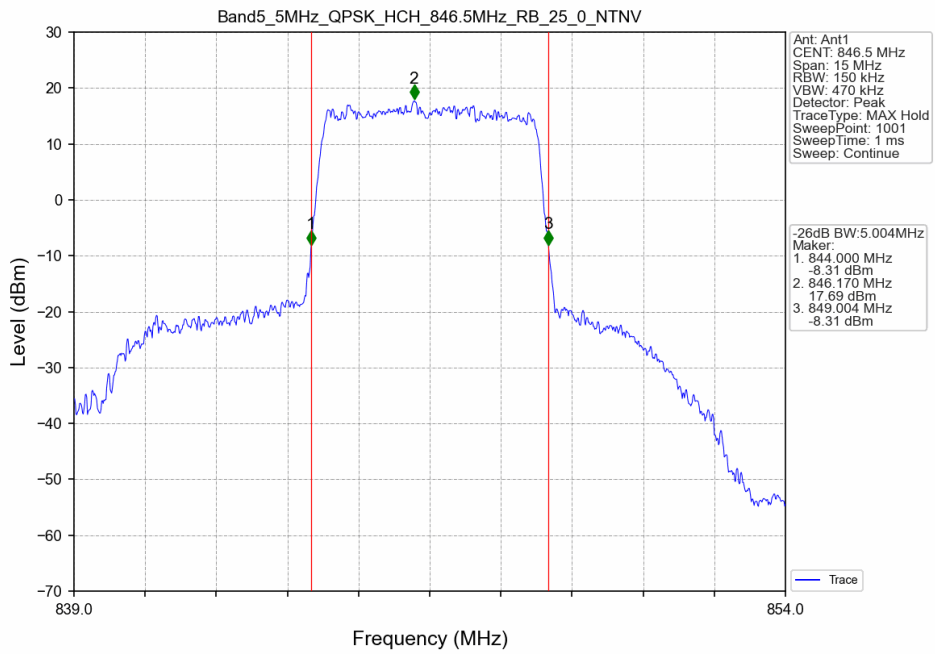
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



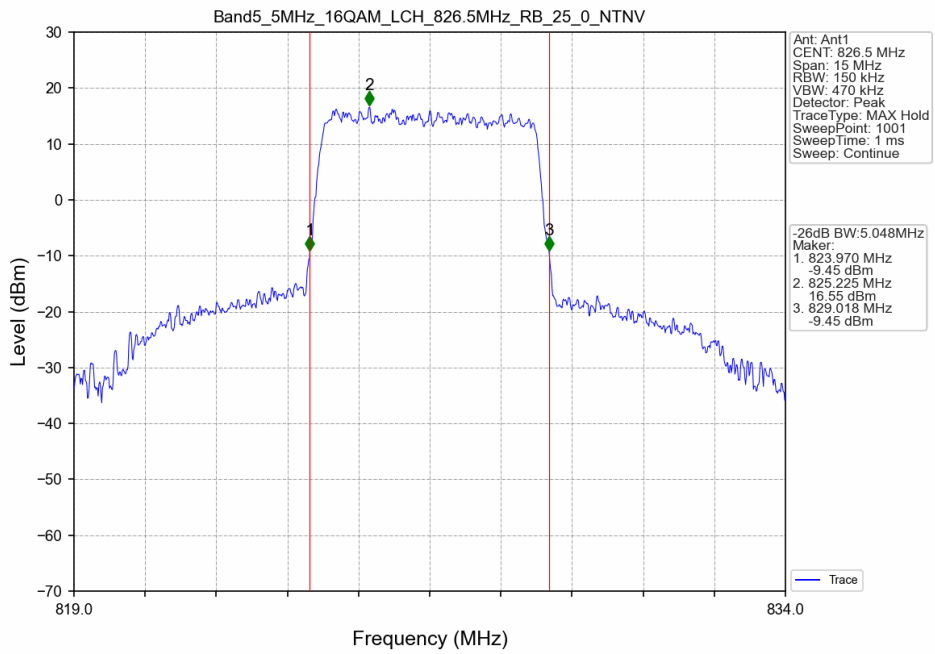
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



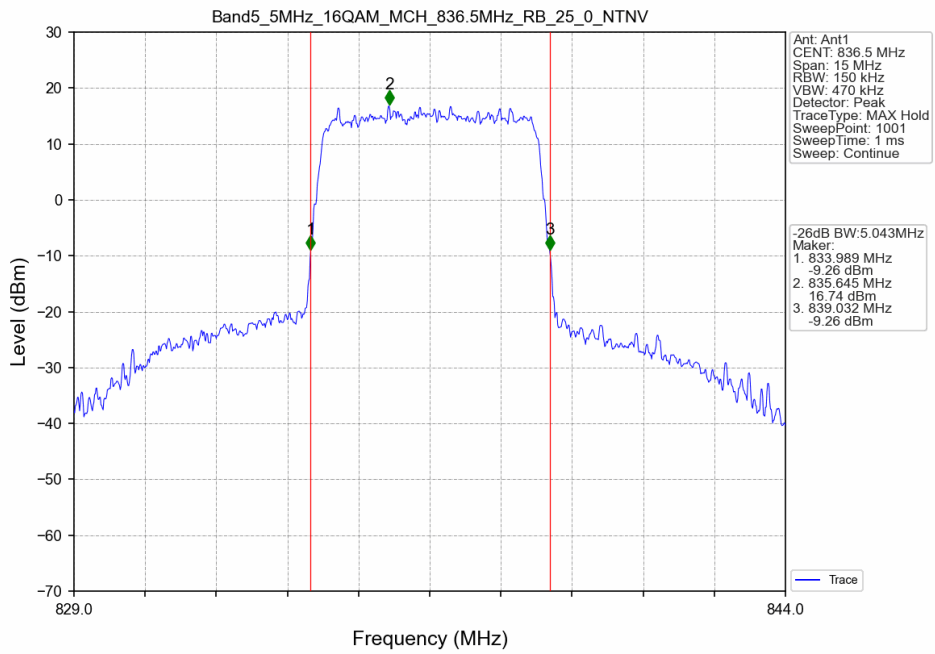
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



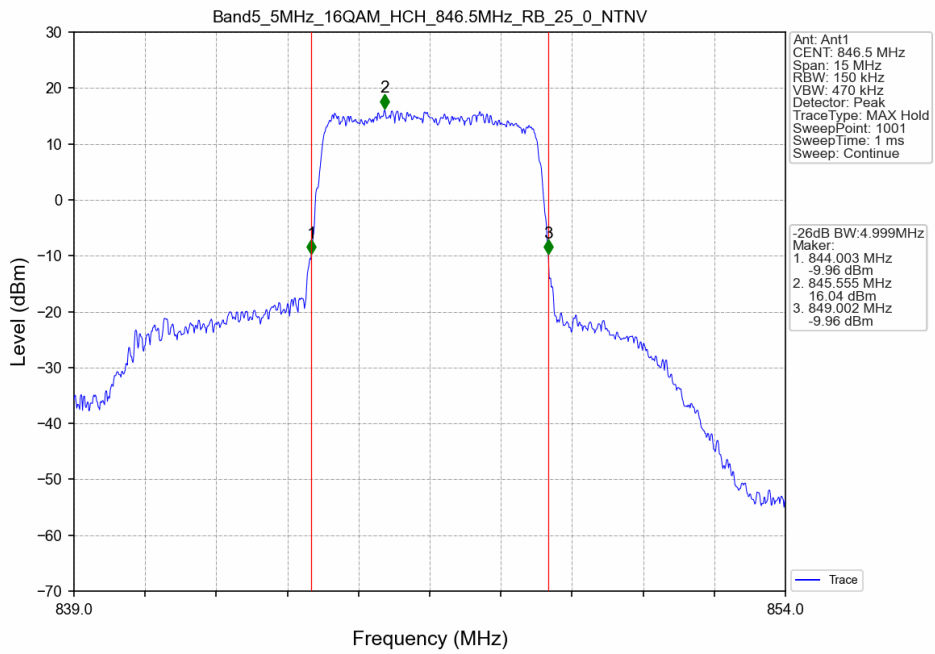
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



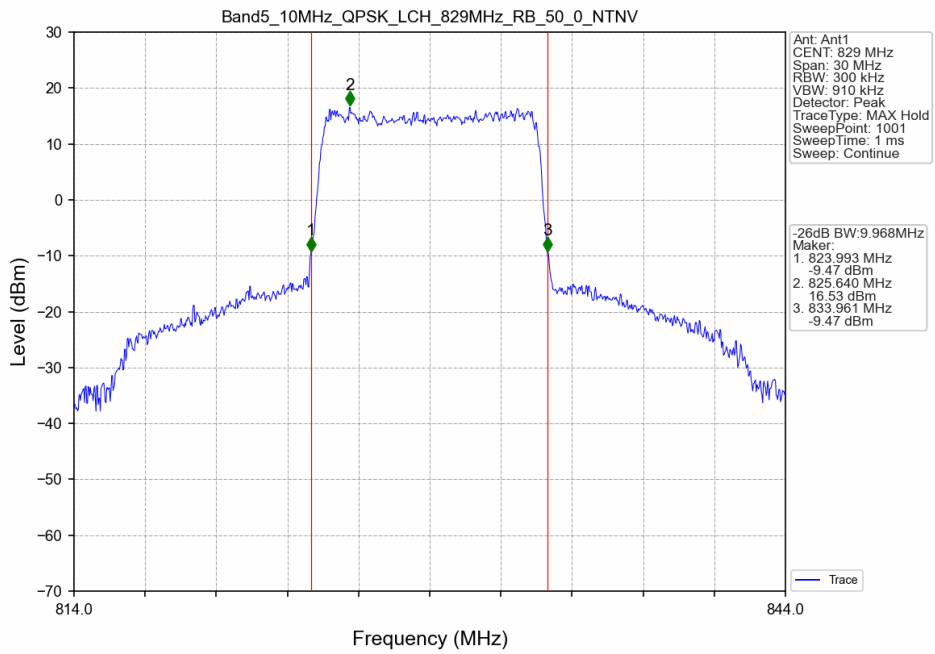
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



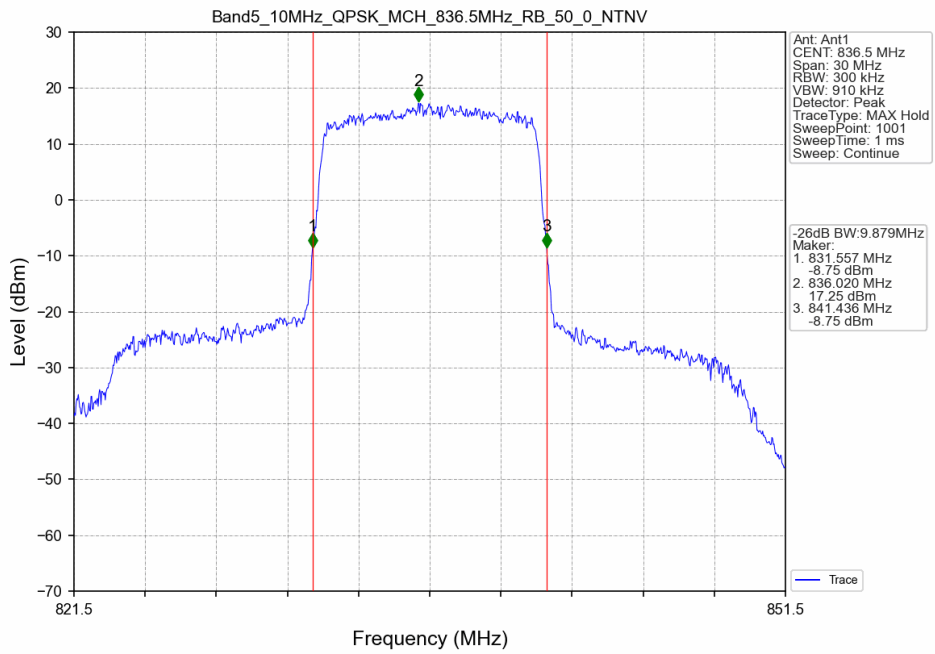
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



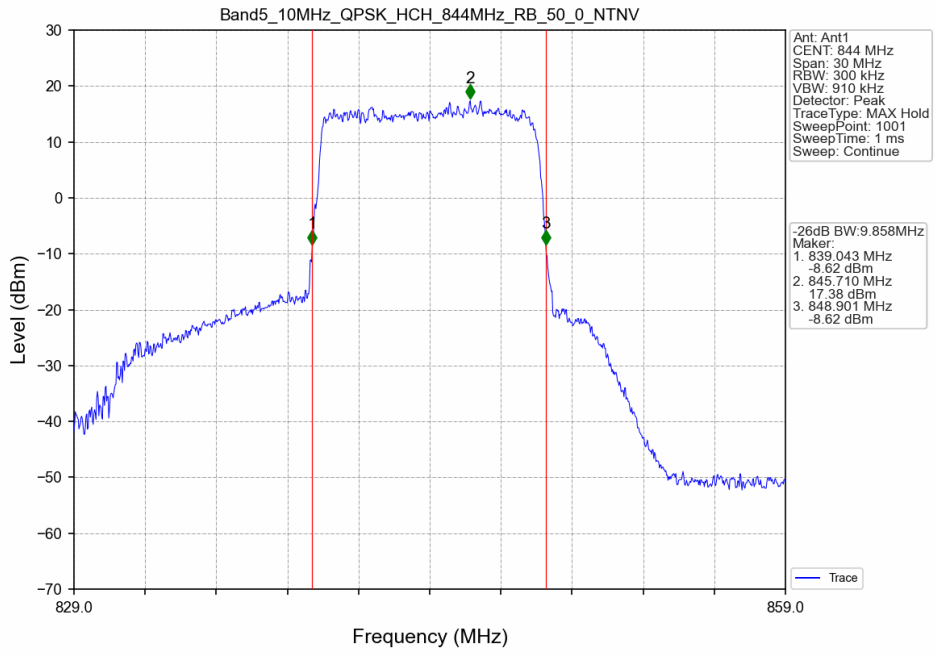
Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



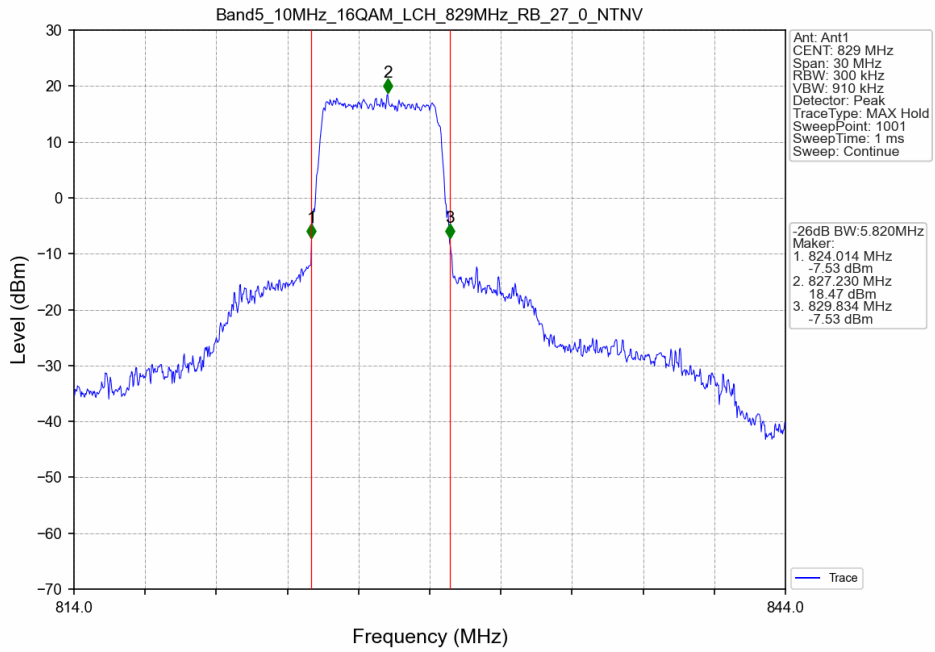
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



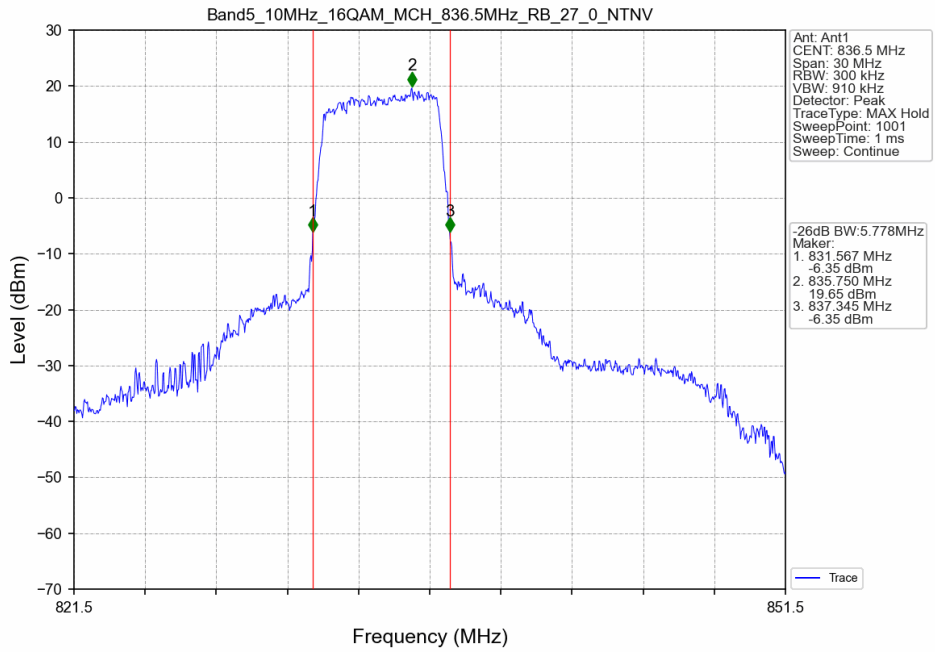
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



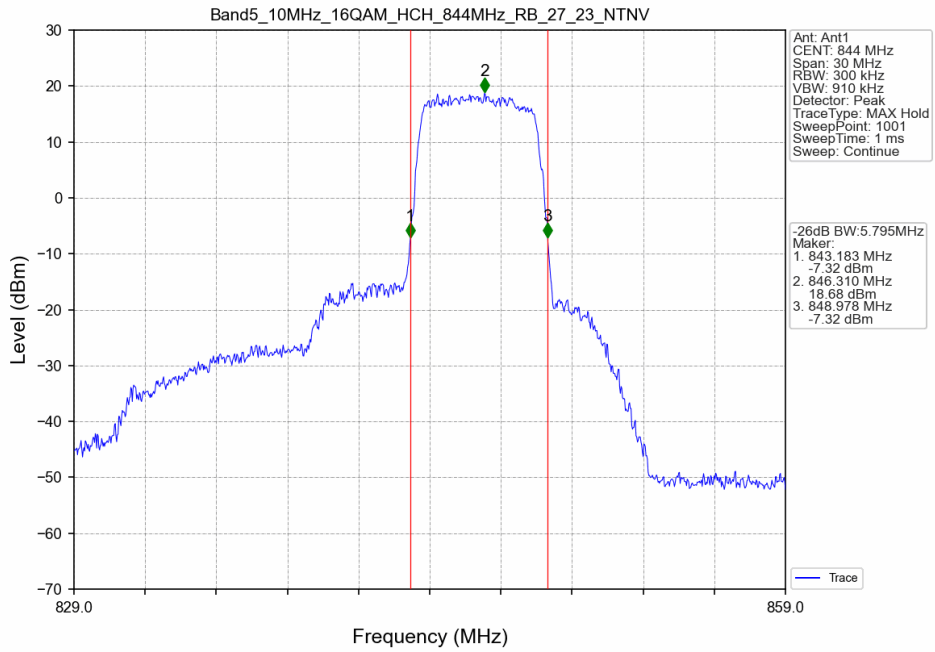
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_27\_0\_NTNV



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_27\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_27\_23\_NTNV



## 12. 99% & 26dB Bandwidth

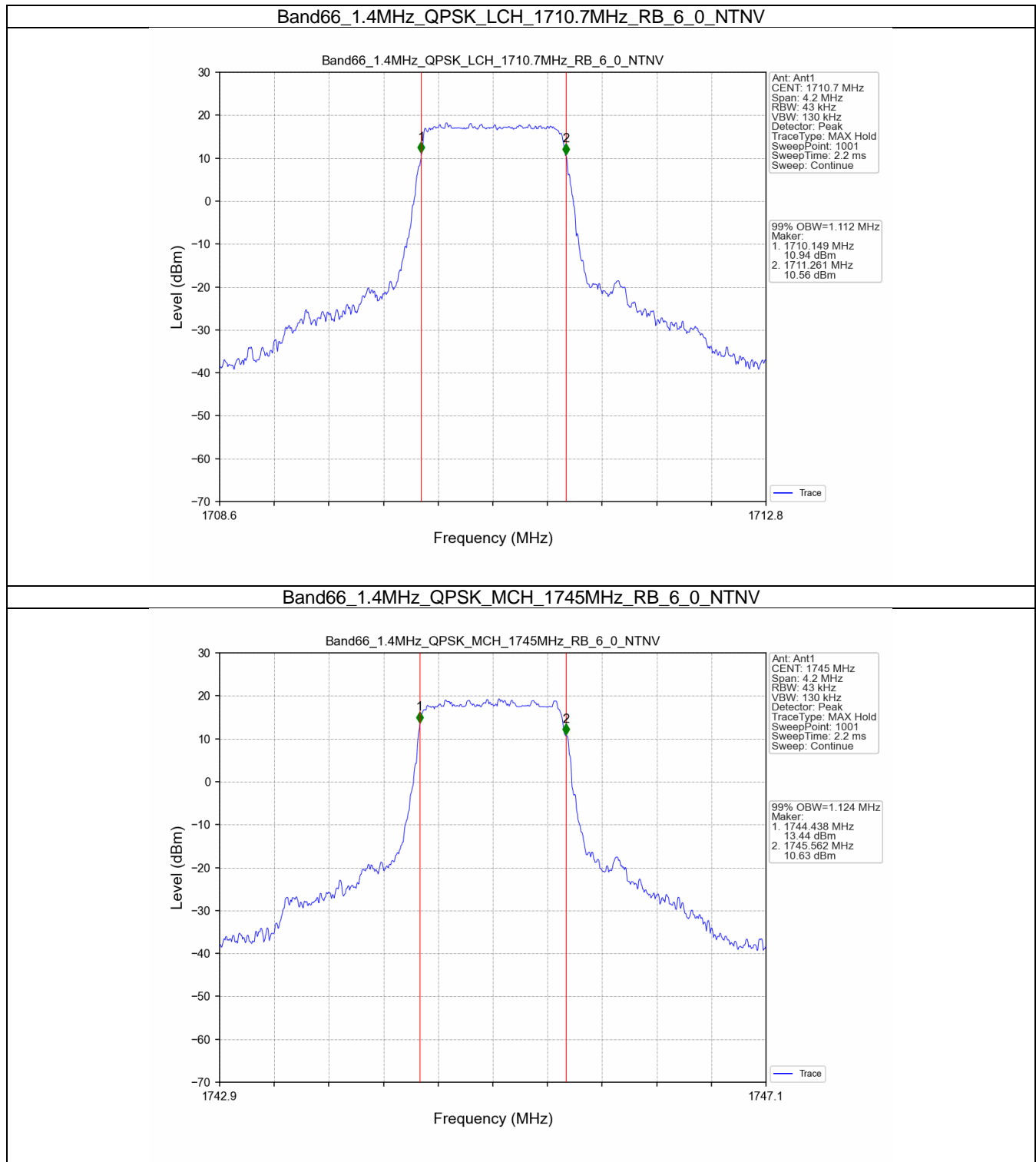
### 12.1 Band66\_OBW

#### 12.1.1 Test Result

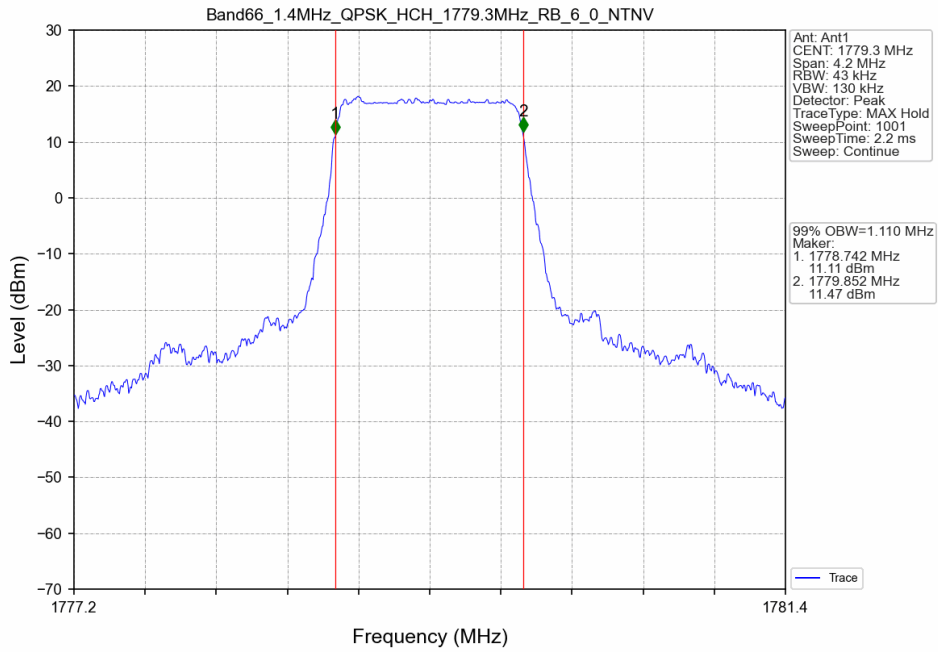
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.112	/	Pass
		1745	6	0	1.124	/	Pass
		1779.3	6	0	1.110	/	Pass
	16QAM	1710.7	6	0	1.099	/	Pass
		1745	6	0	1.104	/	Pass
		1779.3	6	0	1.113	/	Pass
3	QPSK	1711.5	15	0	2.731	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.733	/	Pass
	16QAM	1711.5	15	0	2.733	/	Pass
		1745	15	0	2.725	/	Pass
		1778.5	15	0	2.725	/	Pass
5	QPSK	1712.5	25	0	4.565	/	Pass
		1745	25	0	4.531	/	Pass
		1777.5	25	0	4.544	/	Pass
	16QAM	1712.5	25	0	4.521	/	Pass
		1745	25	0	4.562	/	Pass
		1777.5	25	0	4.542	/	Pass
10	QPSK	1715	50	0	9.037	/	Pass
		1745	50	0	9.033	/	Pass
		1775	50	0	9.055	/	Pass
	16QAM	1715	27	0	5.051	/	Pass
		1745	27	0	5.044	/	Pass
		1775	27	23	5.064	/	Pass
15	QPSK	1717.5	75	0	13.550	/	Pass
		1745	75	0	13.499	/	Pass
		1772.5	75	0	13.594	/	Pass
	16QAM	1717.5	27	0	5.259	/	Pass
		1745	27	0	5.222	/	Pass
		1772.5	27	48	5.217	/	Pass
20	QPSK	1720	100	0	18.100	/	Pass
		1745	100	0	18.034	/	Pass
		1770	100	0	18.058	/	Pass
	16QAM	1720	27	0	5.414	/	Pass
		1745	27	0	5.390	/	Pass
		1770	27	73	5.403	/	Pass



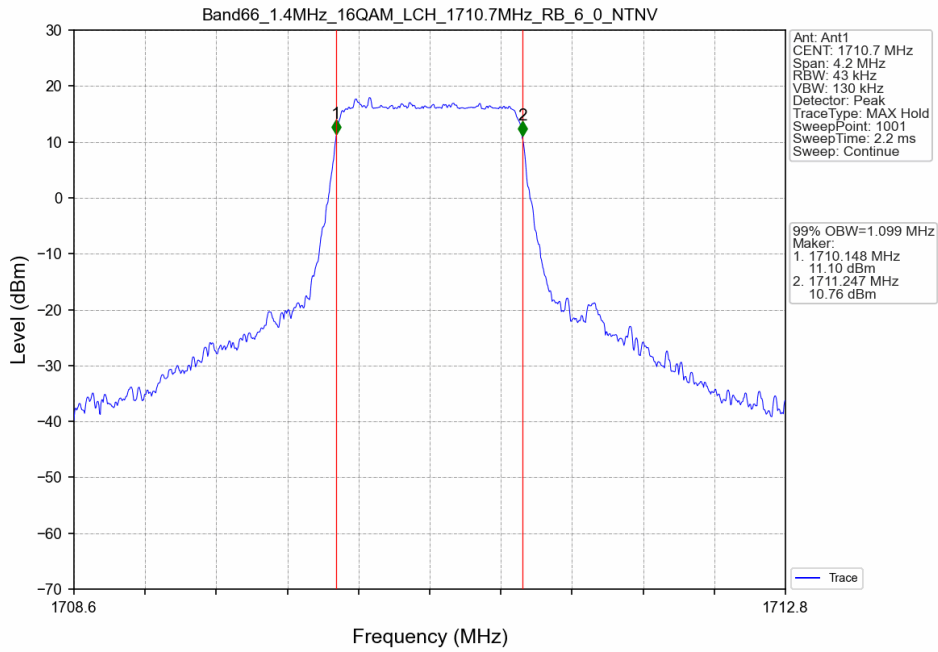
## 12.1.2 Test Graph



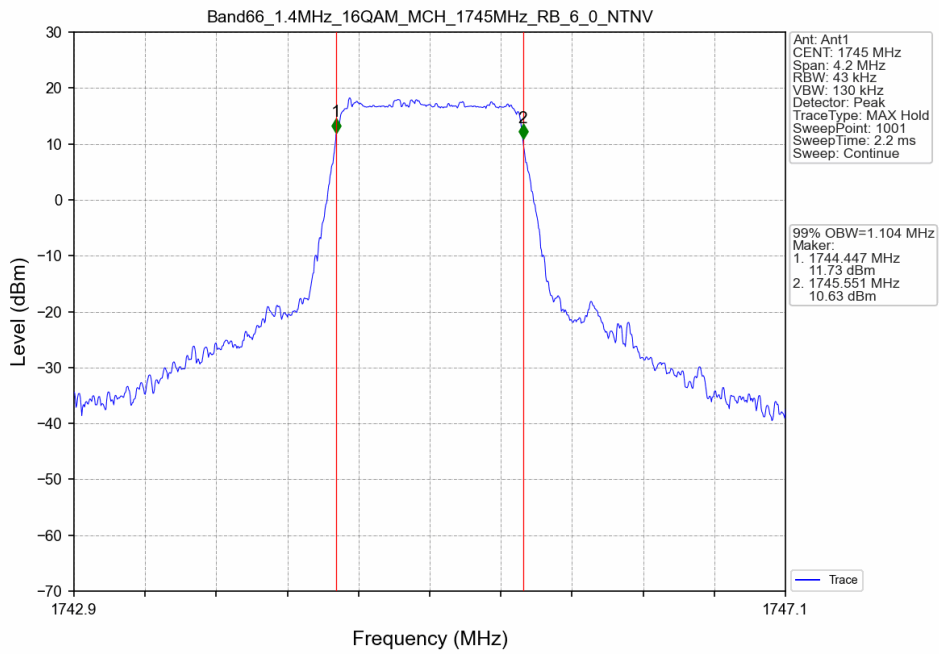
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



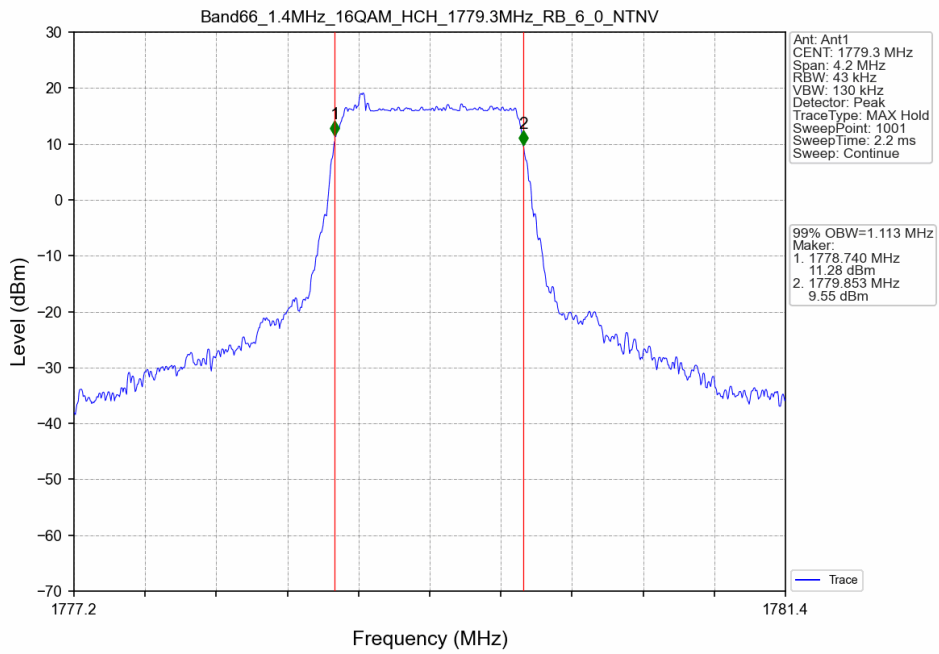
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



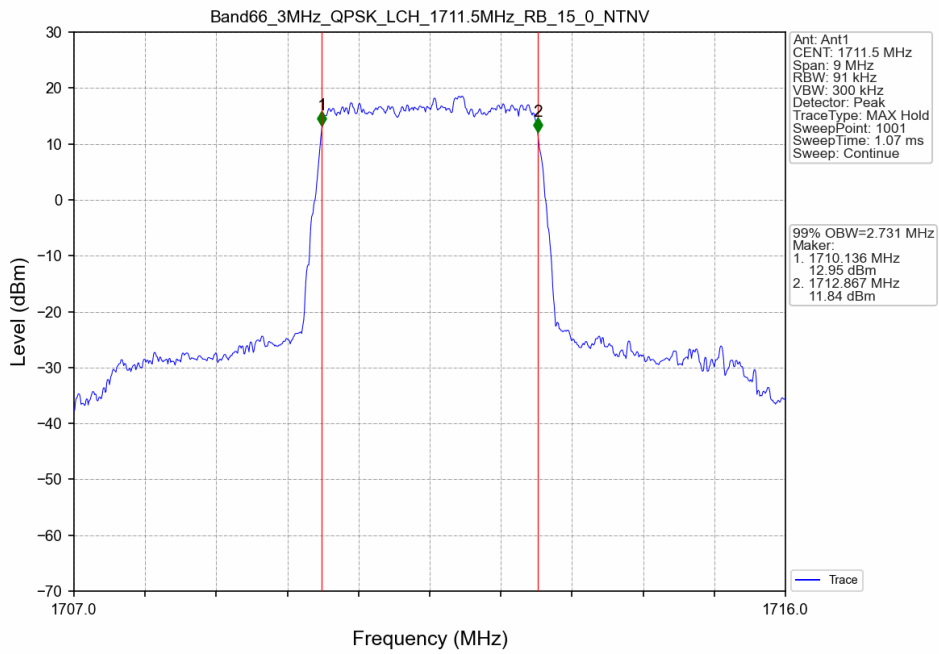
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



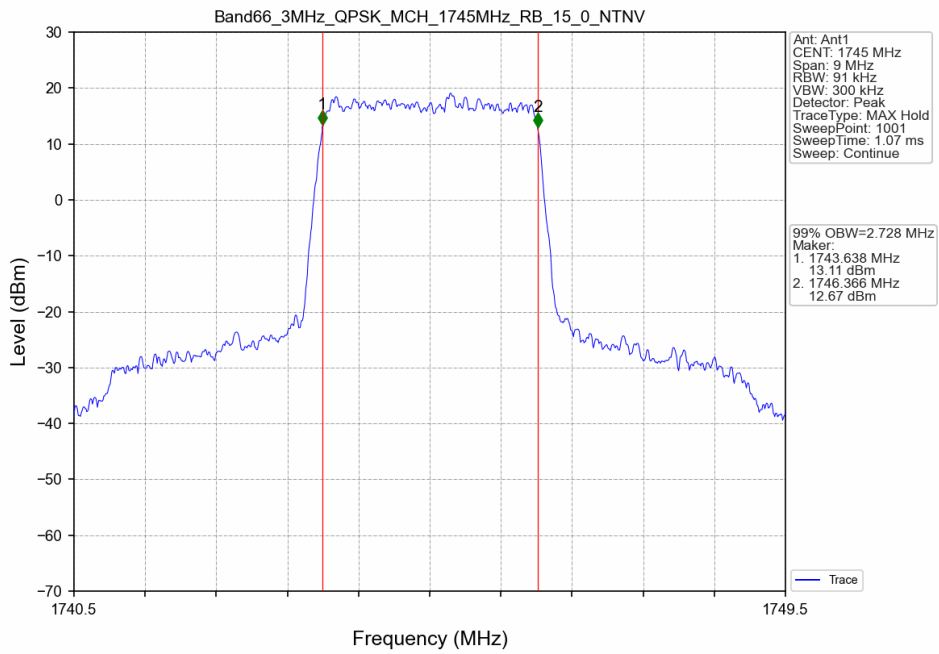
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



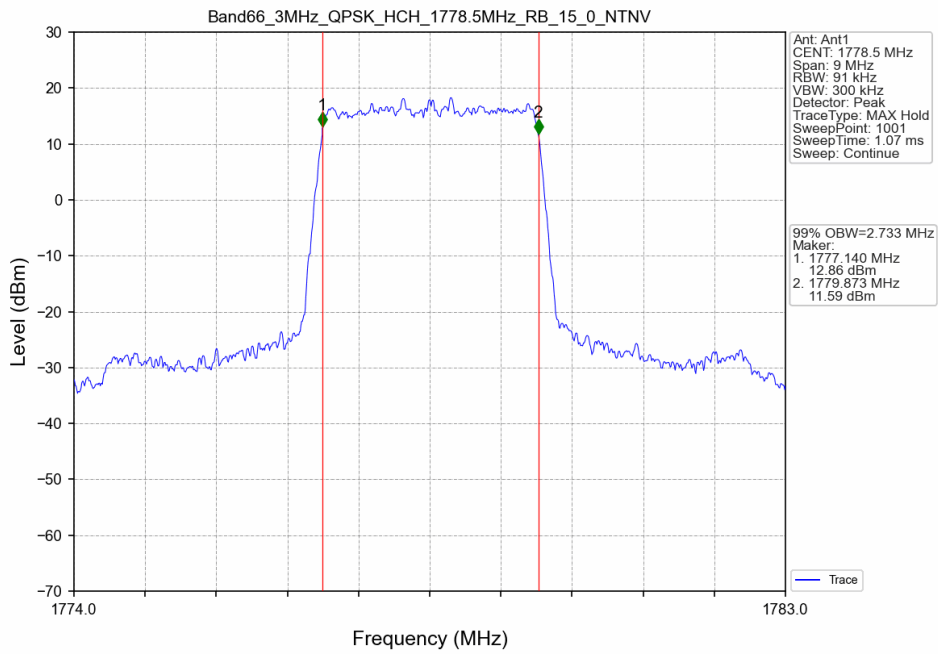
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



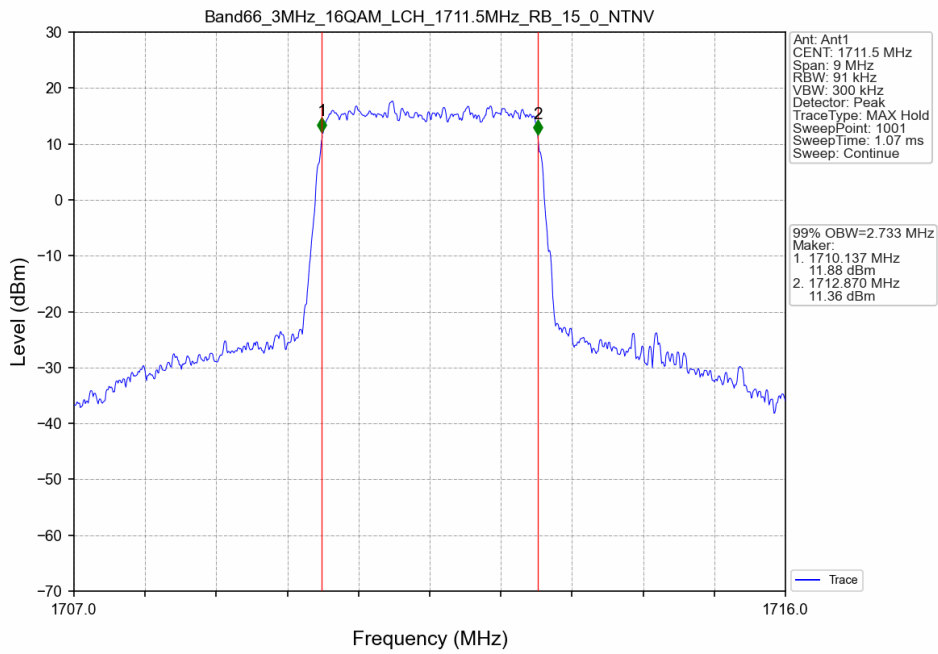
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



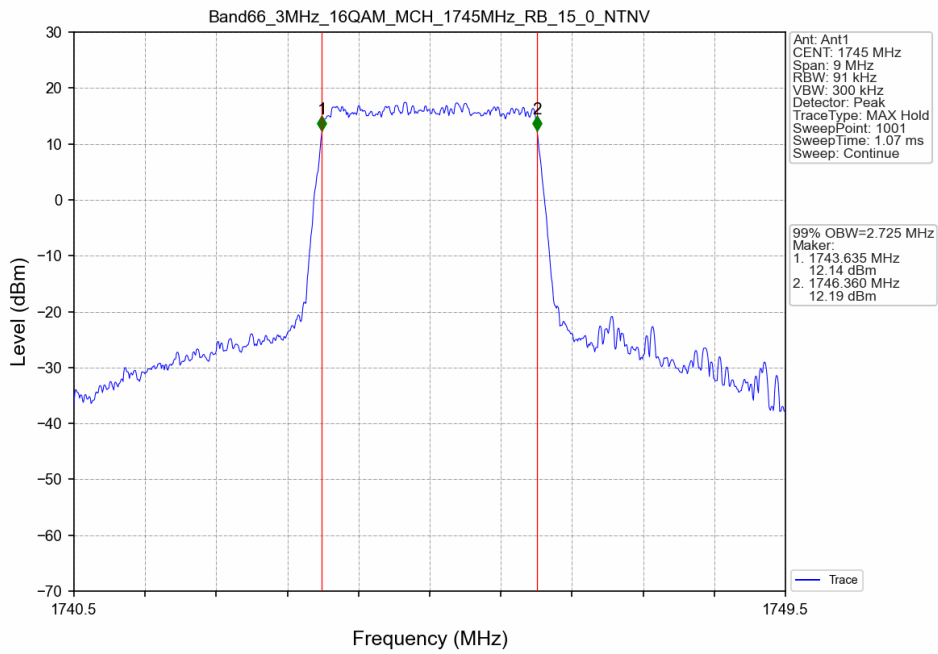
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



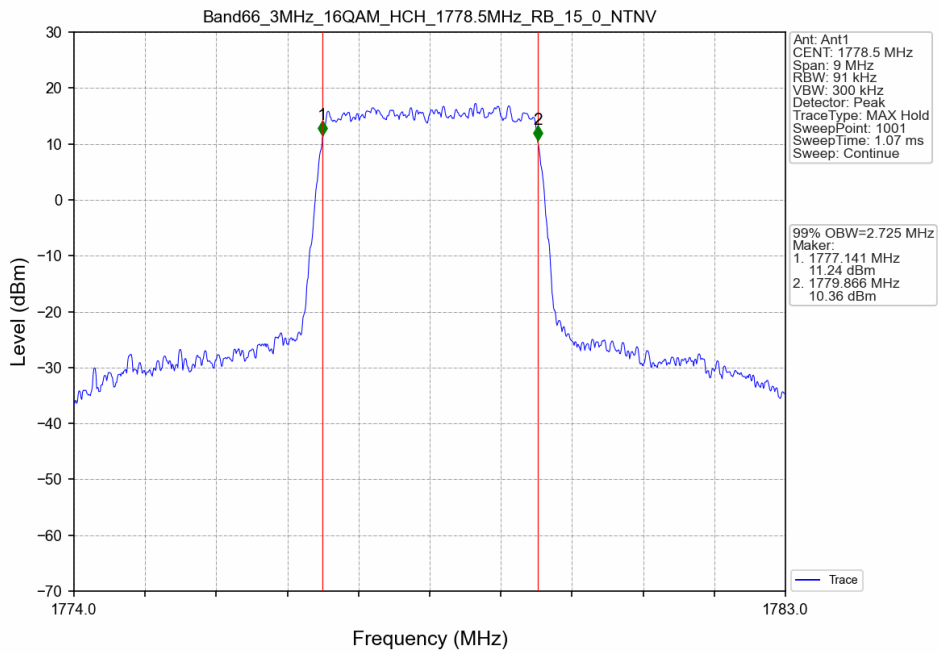
Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



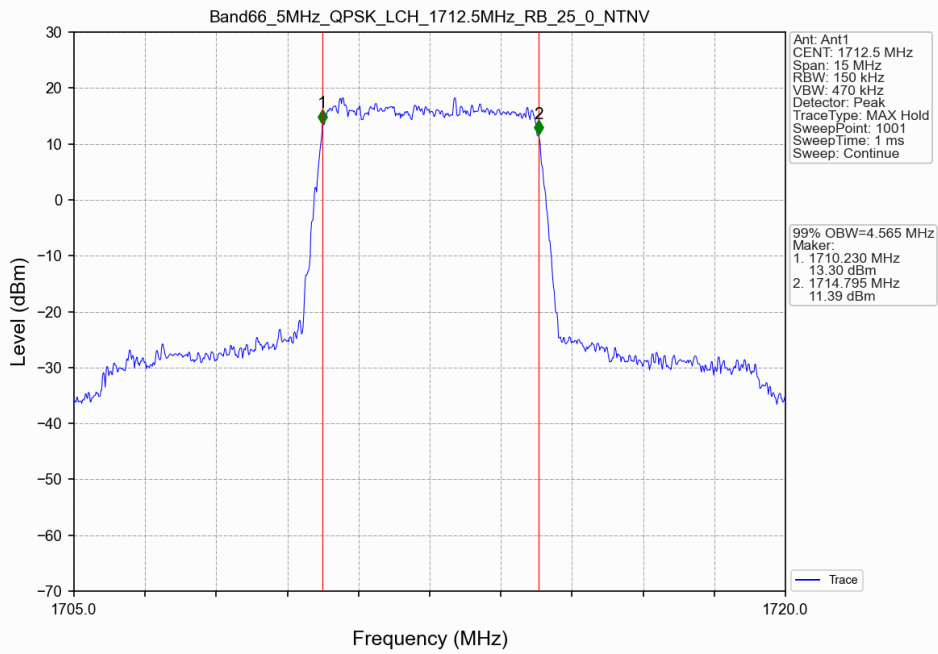
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



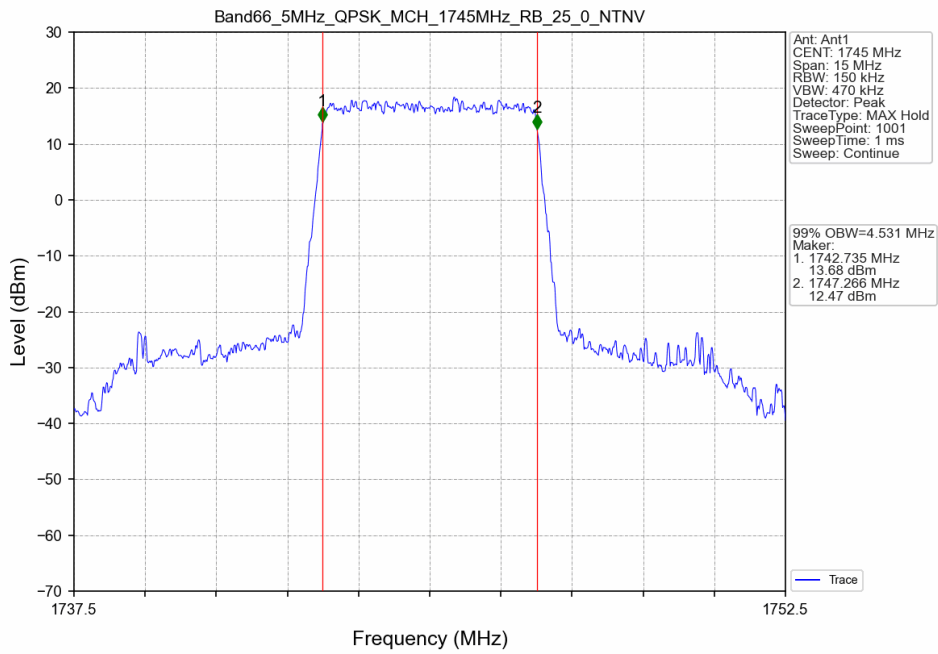
Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



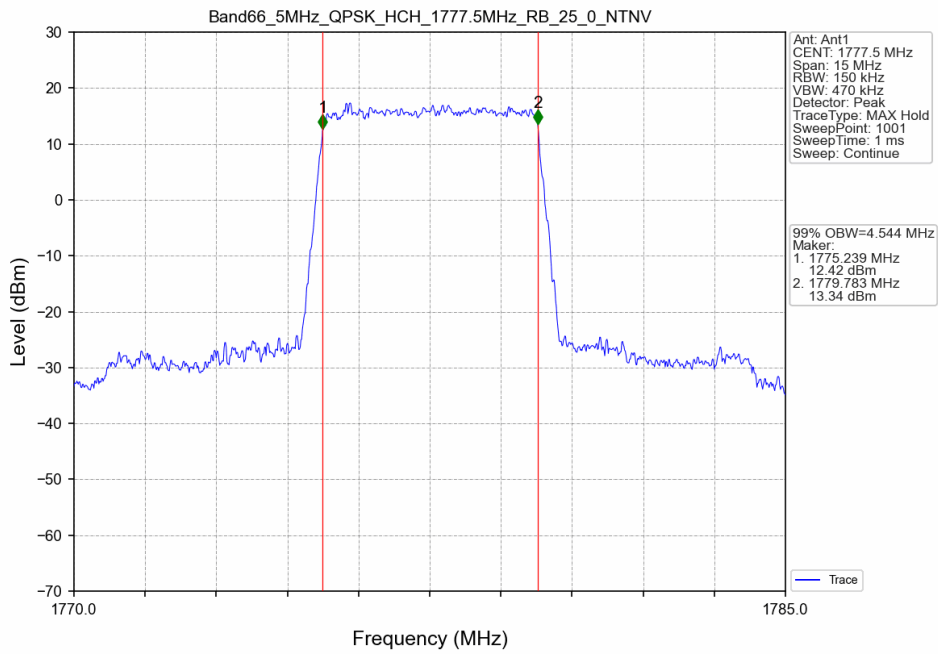
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



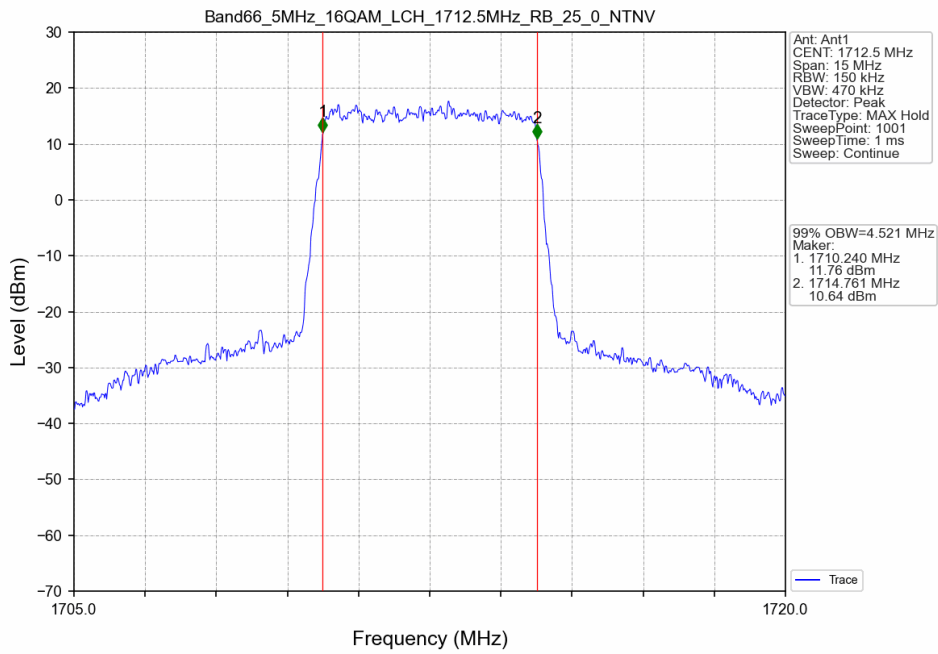
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV

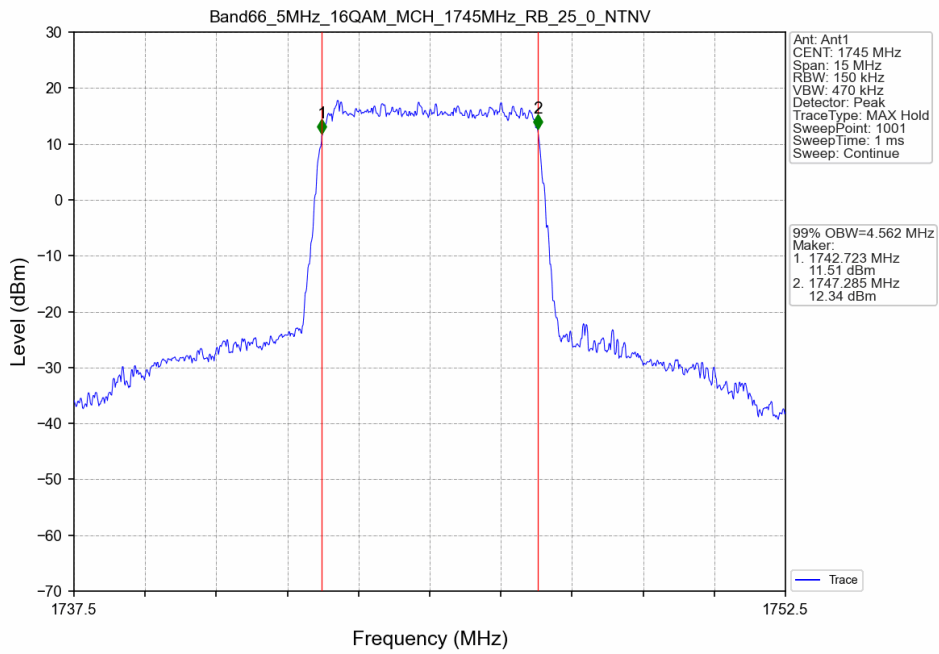


Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

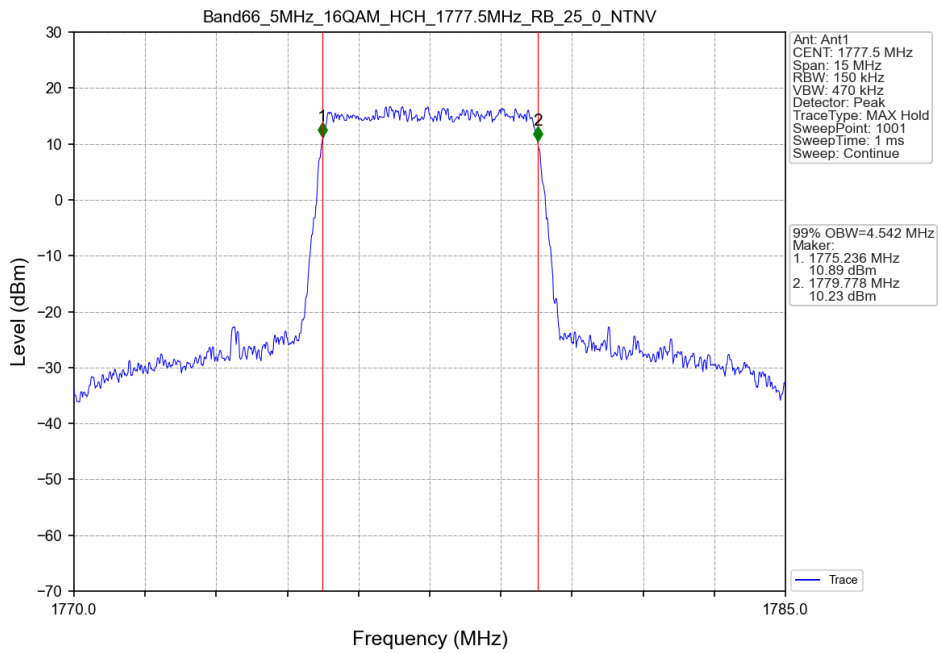




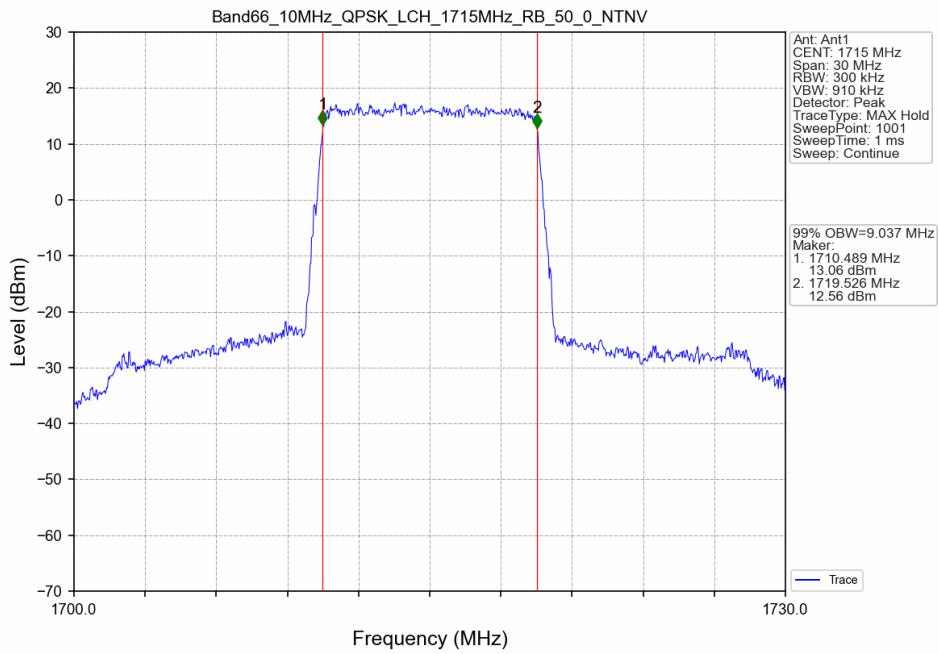
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



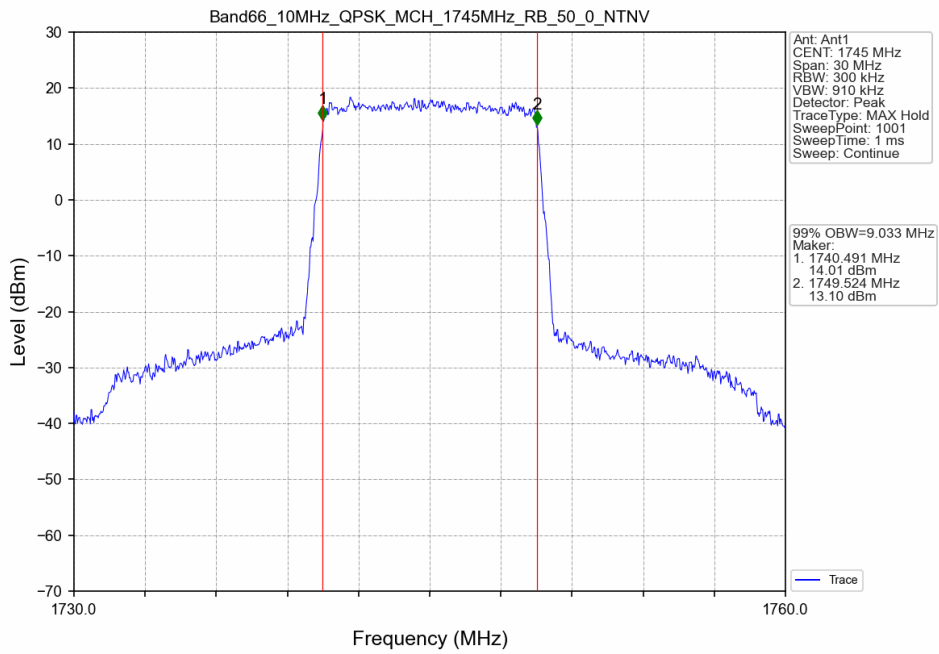
Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



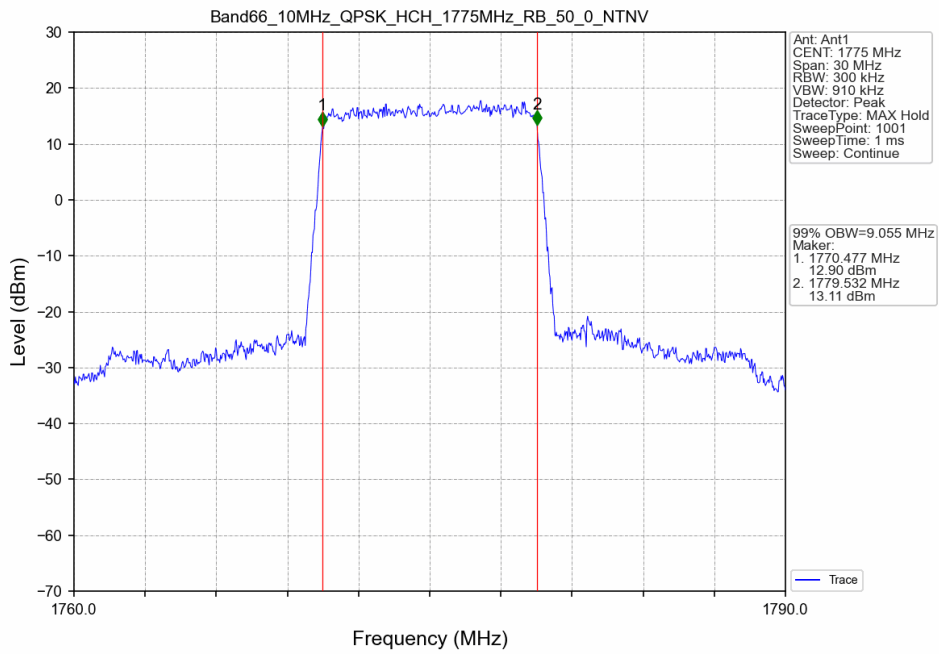
Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



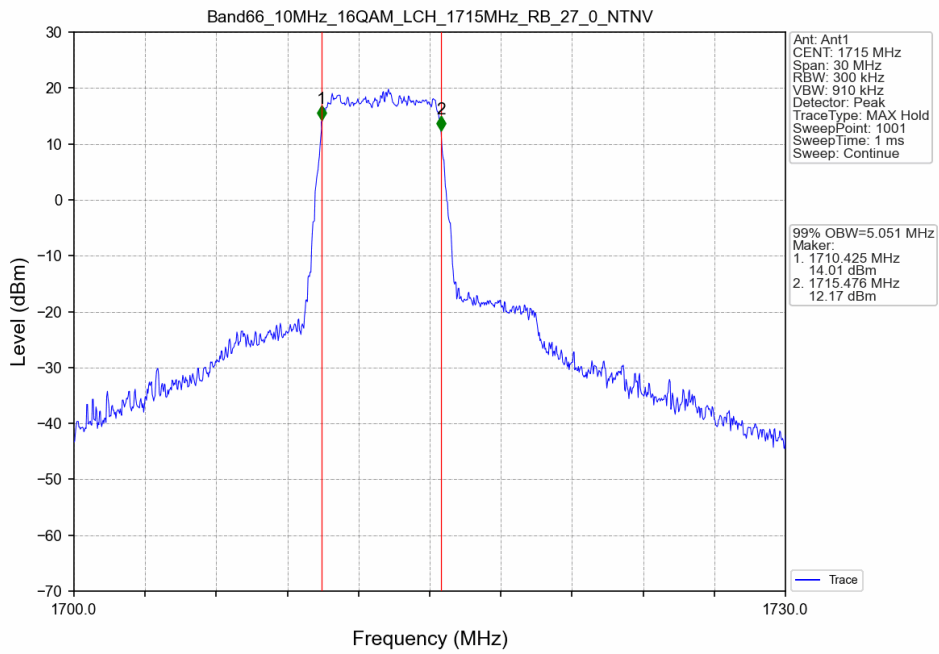
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



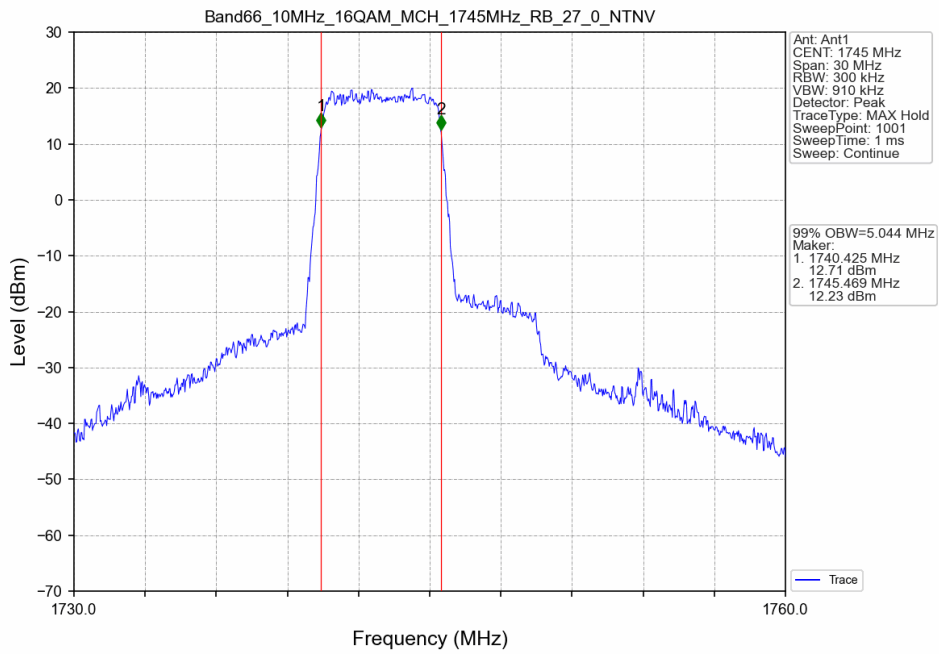
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



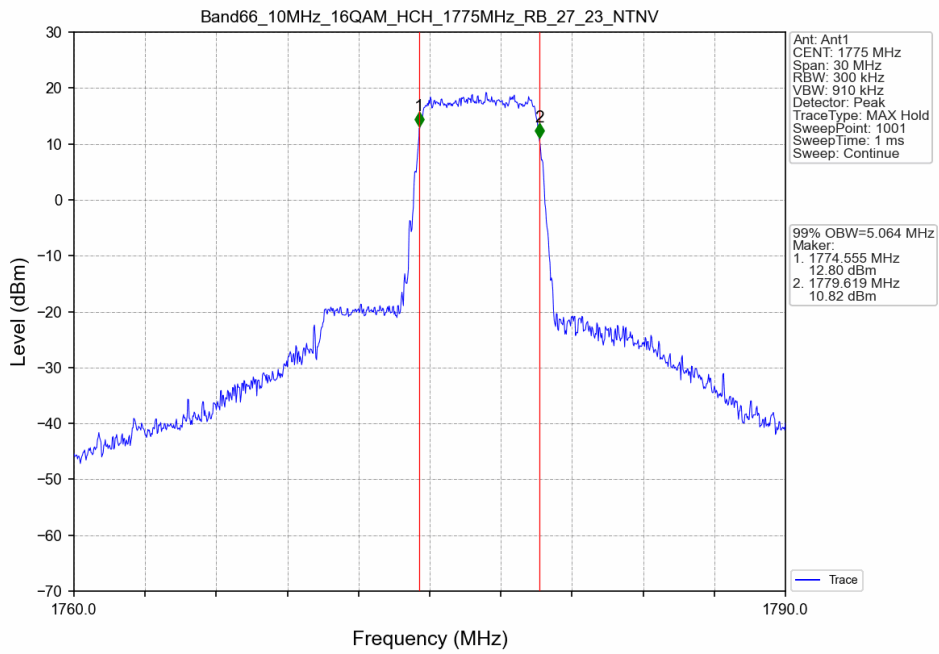
Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_27\_0\_NTNV



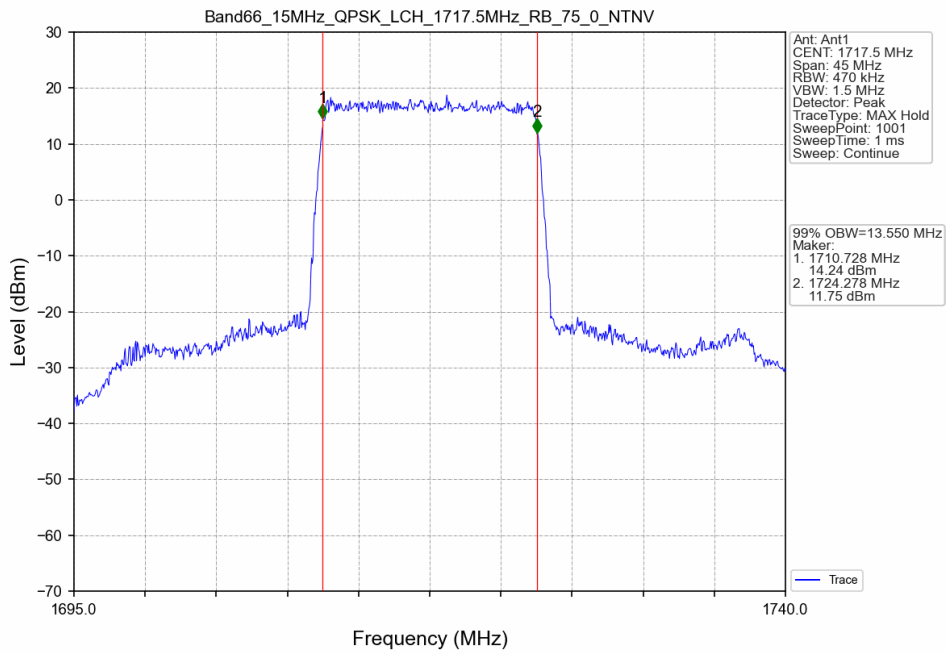
Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_27\_0\_NTNV



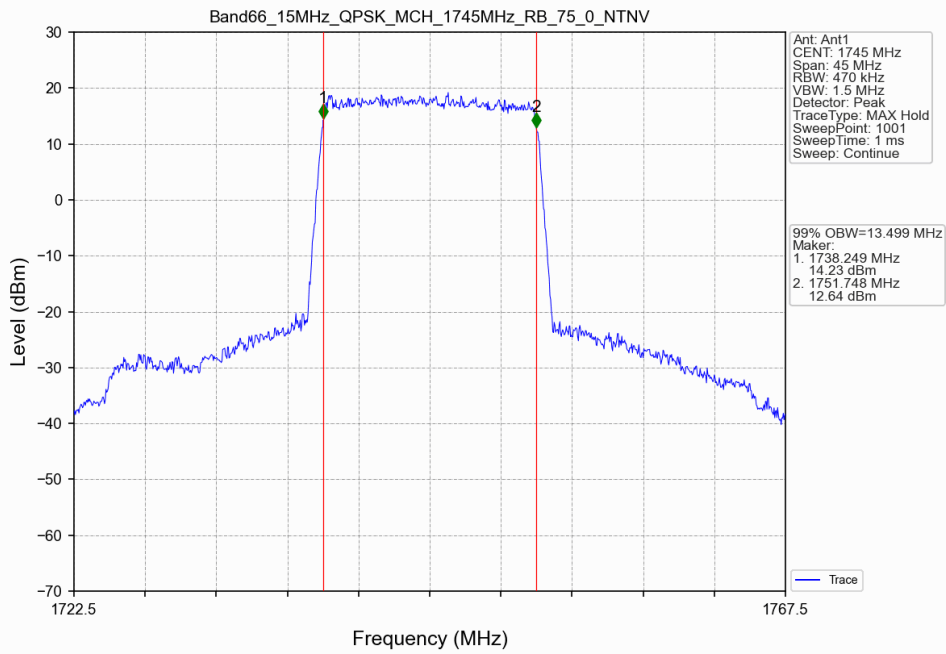
Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_27\_23\_NTNV



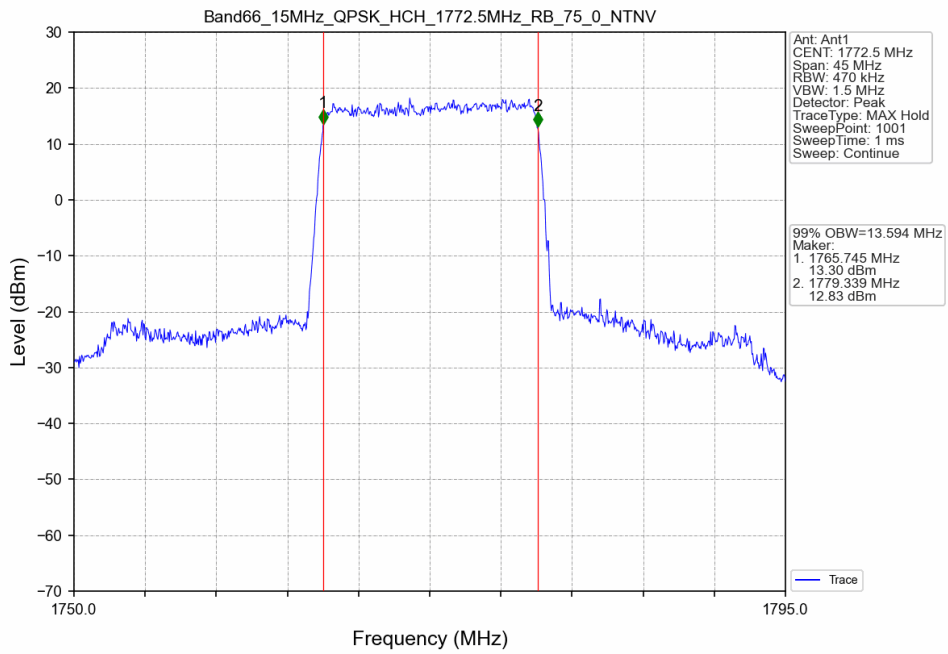
Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



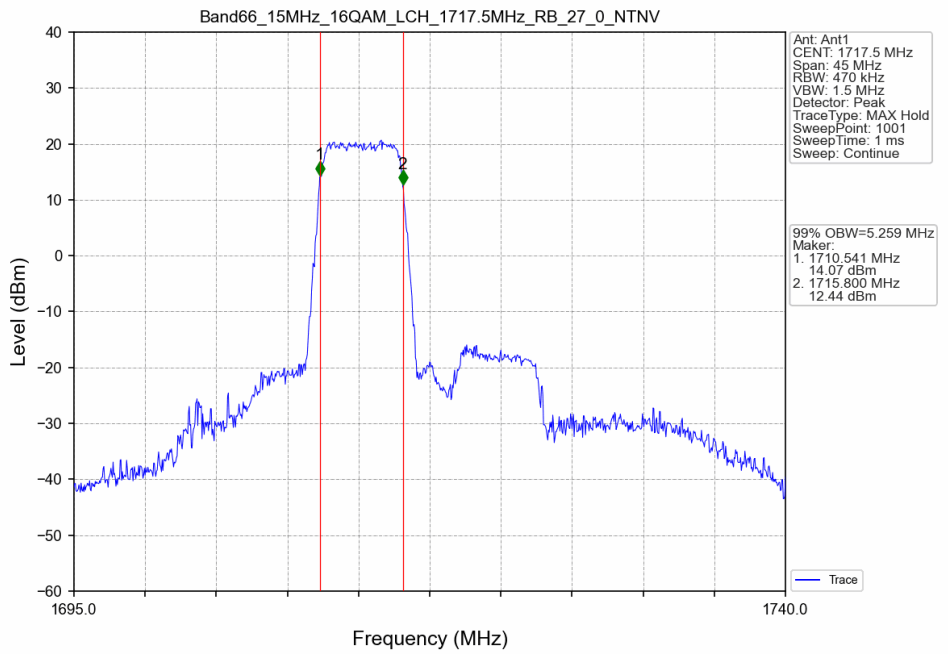
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



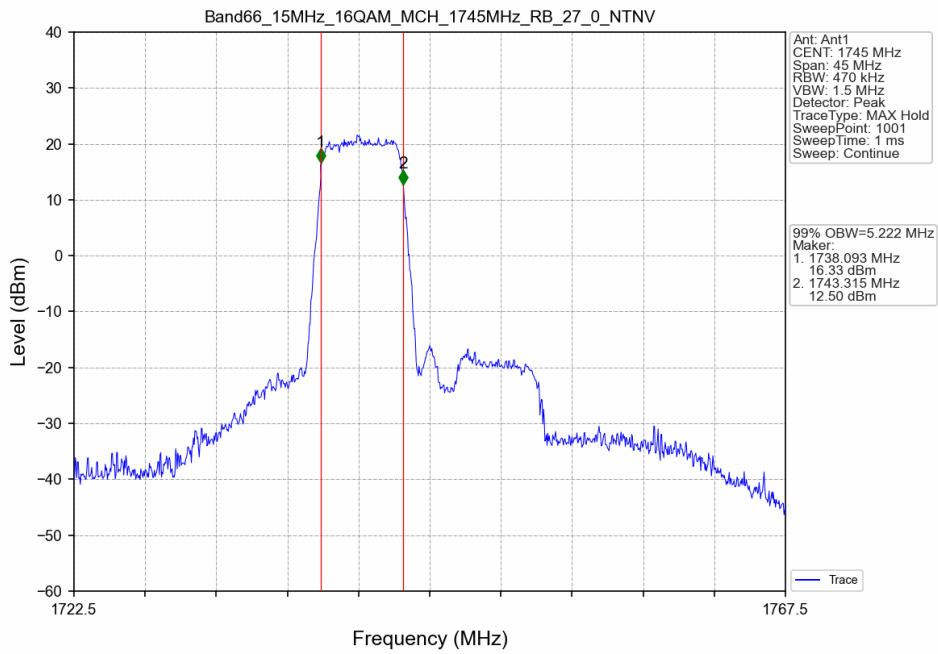
Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



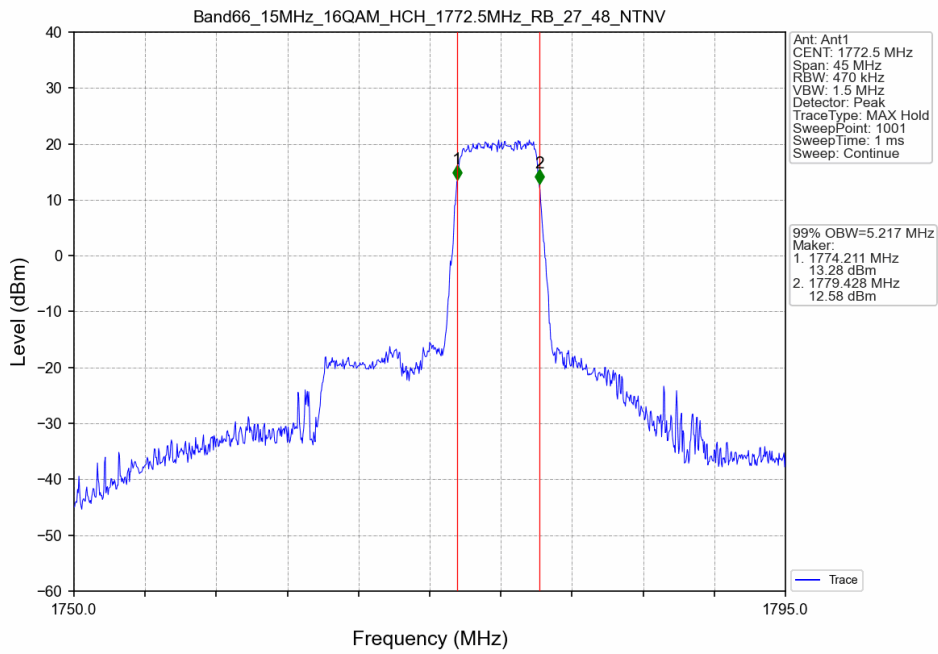
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_27\_0\_NTNV



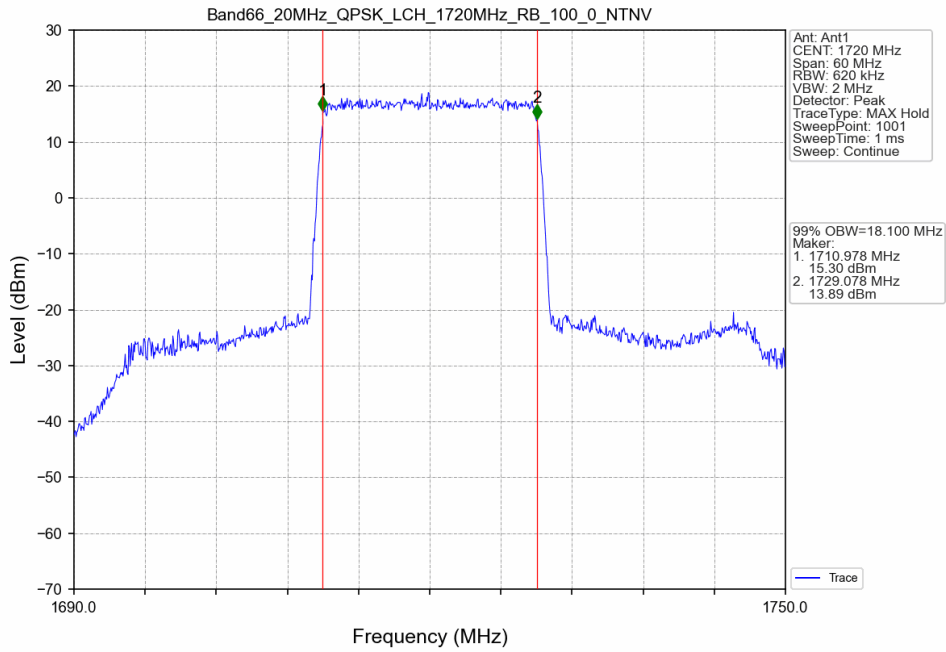
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_27\_0\_NTNV



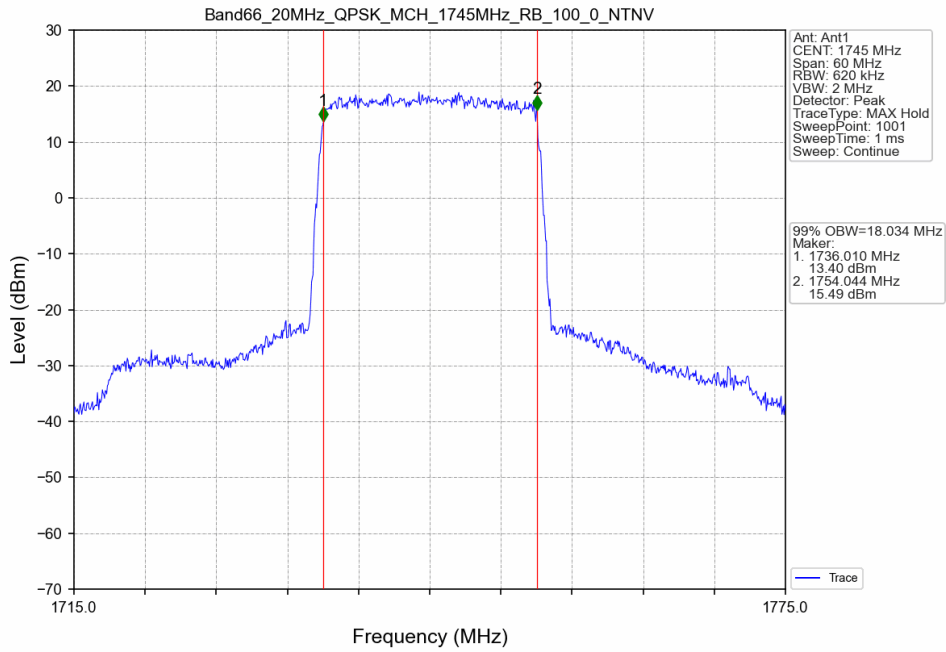
Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_27\_48\_NTNV



Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV

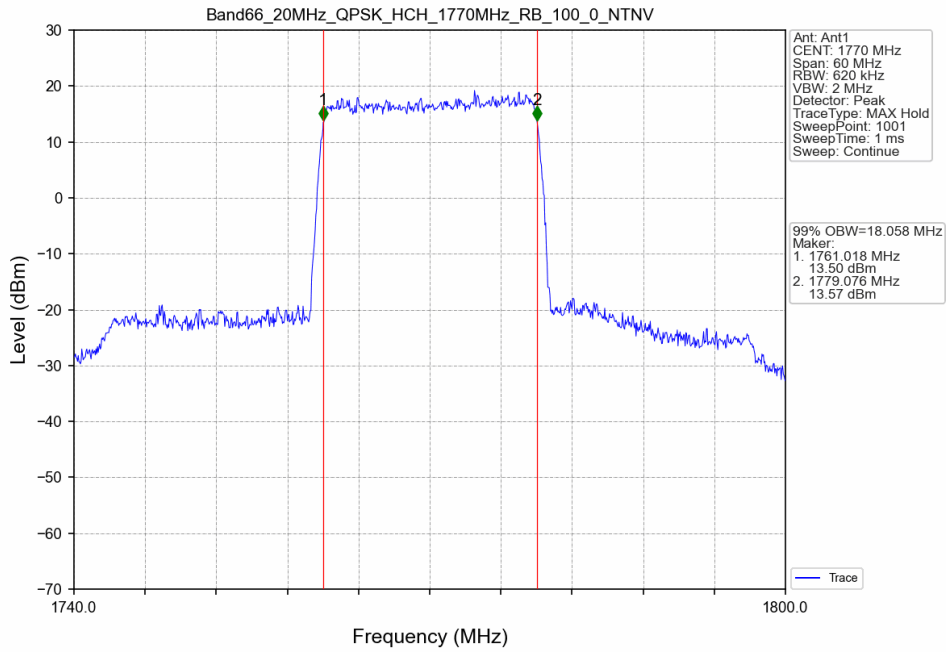


Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV

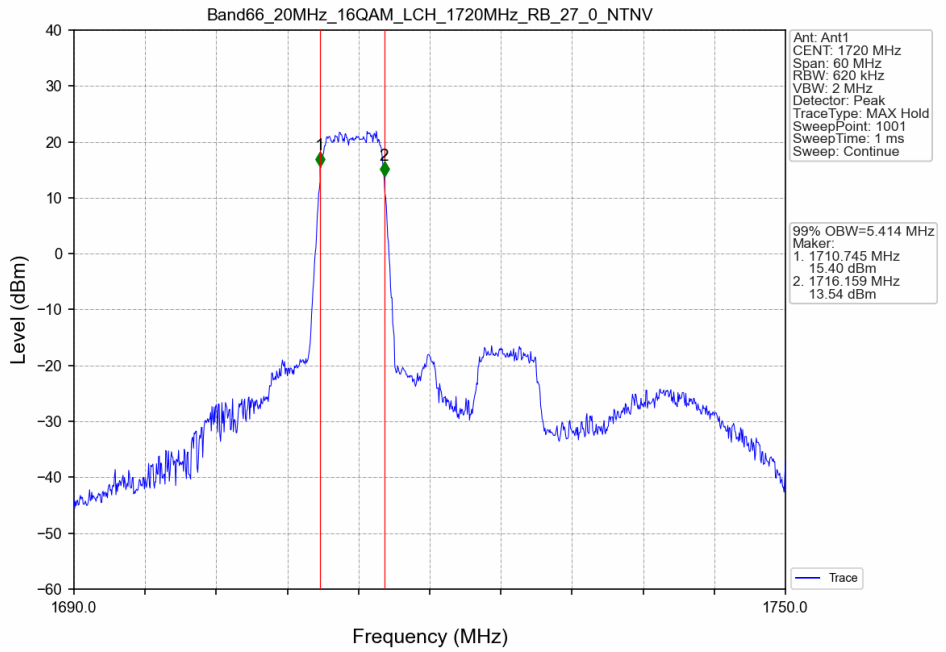




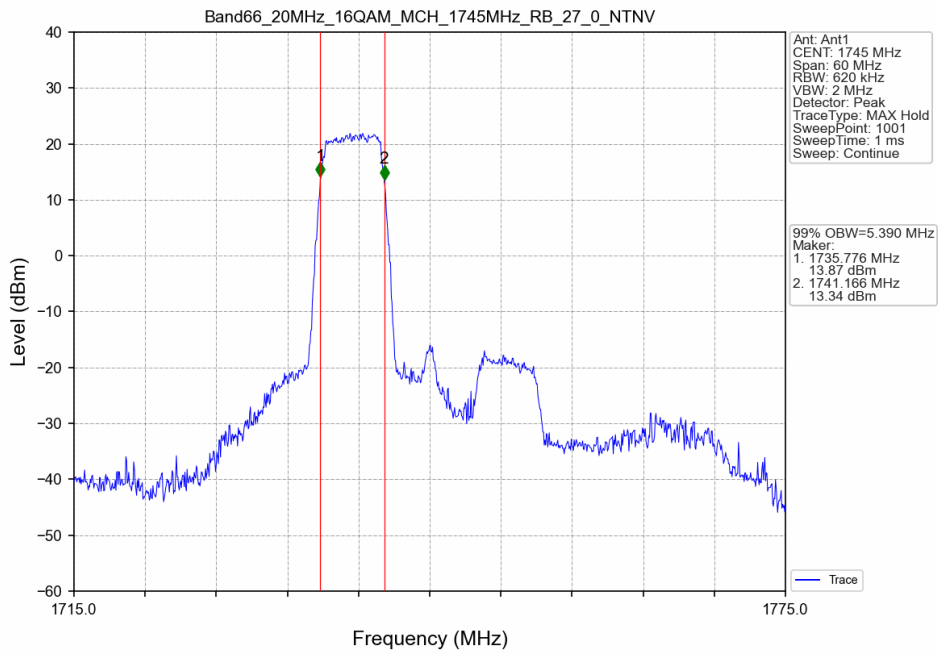
Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV



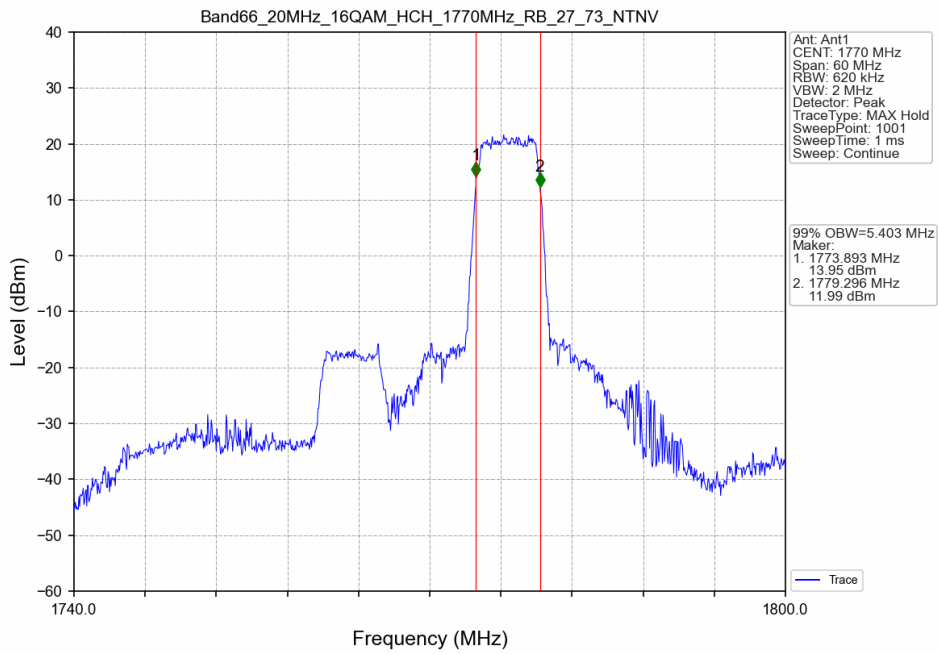
Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_27\_0\_NTNV



Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_27\_0\_NTNV



Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_27\_73\_NTNV

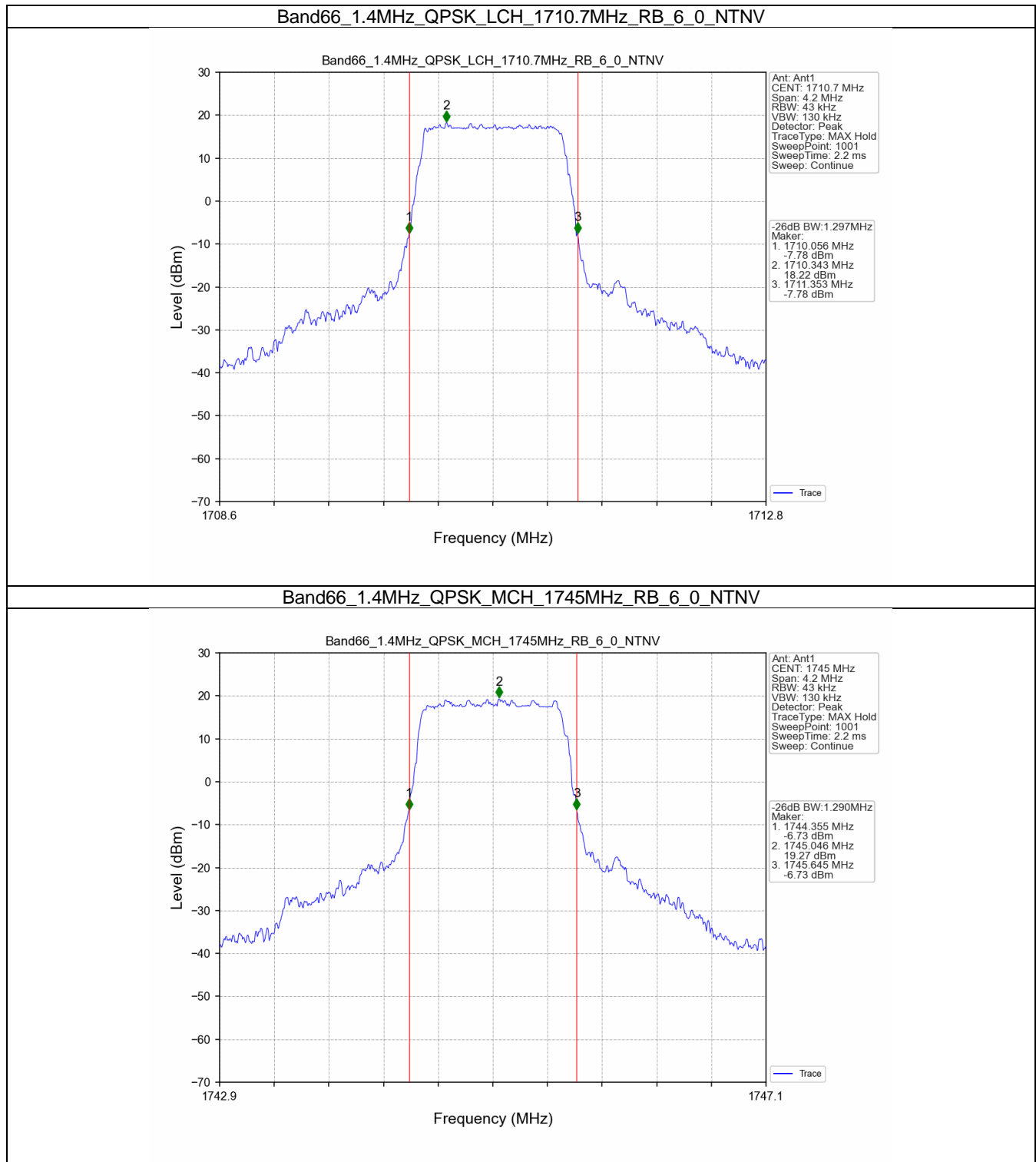


## 12.2 Band66\_XDB

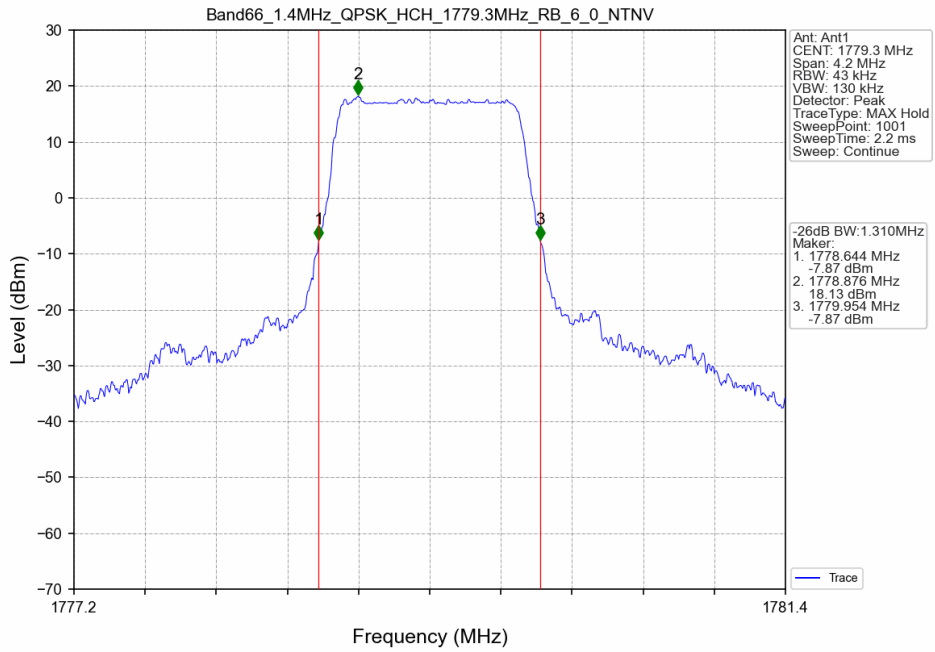
### 12.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.297	/	Pass
		1745	6	0	1.290	/	Pass
		1779.3	6	0	1.310	/	Pass
	16QAM	1710.7	6	0	1.286	/	Pass
		1745	6	0	1.309	/	Pass
		1779.3	6	0	1.303	/	Pass
3	QPSK	1711.5	15	0	3.034	/	Pass
		1745	15	0	3.021	/	Pass
		1778.5	15	0	3.014	/	Pass
	16QAM	1711.5	15	0	2.997	/	Pass
		1745	15	0	3.022	/	Pass
		1778.5	15	0	3.030	/	Pass
5	QPSK	1712.5	25	0	5.053	/	Pass
		1745	25	0	5.070	/	Pass
		1777.5	25	0	5.042	/	Pass
	16QAM	1712.5	25	0	5.002	/	Pass
		1745	25	0	5.026	/	Pass
		1777.5	25	0	5.074	/	Pass
10	QPSK	1715	50	0	9.947	/	Pass
		1745	50	0	9.950	/	Pass
		1775	50	0	9.885	/	Pass
	16QAM	1715	27	0	5.856	/	Pass
		1745	27	0	5.800	/	Pass
		1775	27	23	5.882	/	Pass
15	QPSK	1717.5	75	0	14.730	/	Pass
		1745	75	0	14.754	/	Pass
		1772.5	75	0	14.878	/	Pass
	16QAM	1717.5	27	0	6.272	/	Pass
		1745	27	0	6.229	/	Pass
		1772.5	27	48	6.221	/	Pass
20	QPSK	1720	100	0	19.489	/	Pass
		1745	100	0	19.531	/	Pass
		1770	100	0	19.507	/	Pass
	16QAM	1720	27	0	6.444	/	Pass
		1745	27	0	6.516	/	Pass
		1770	27	73	6.428	/	Pass

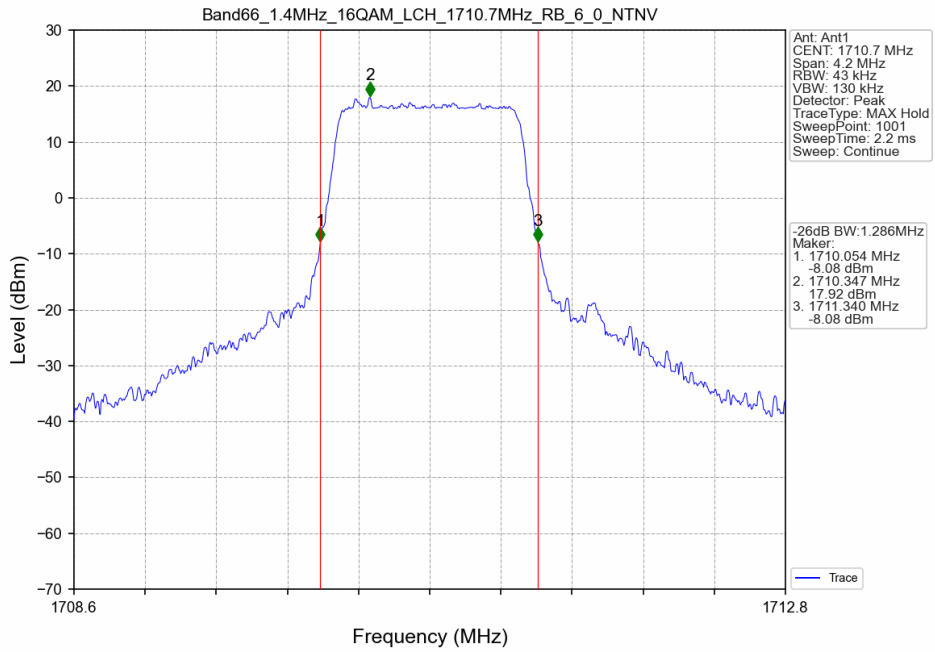
## 12.2.2 Test Graph



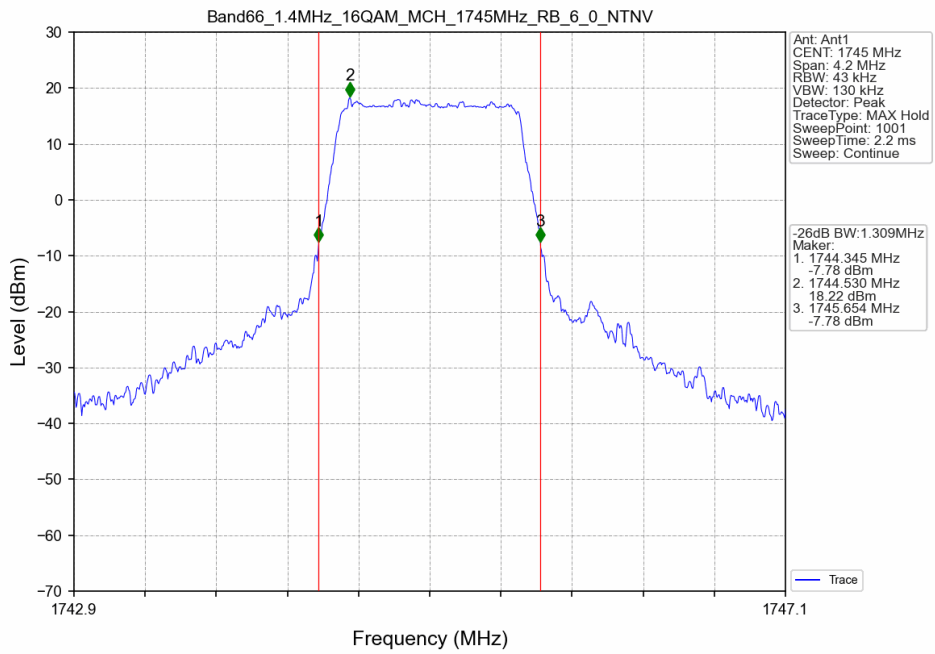
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



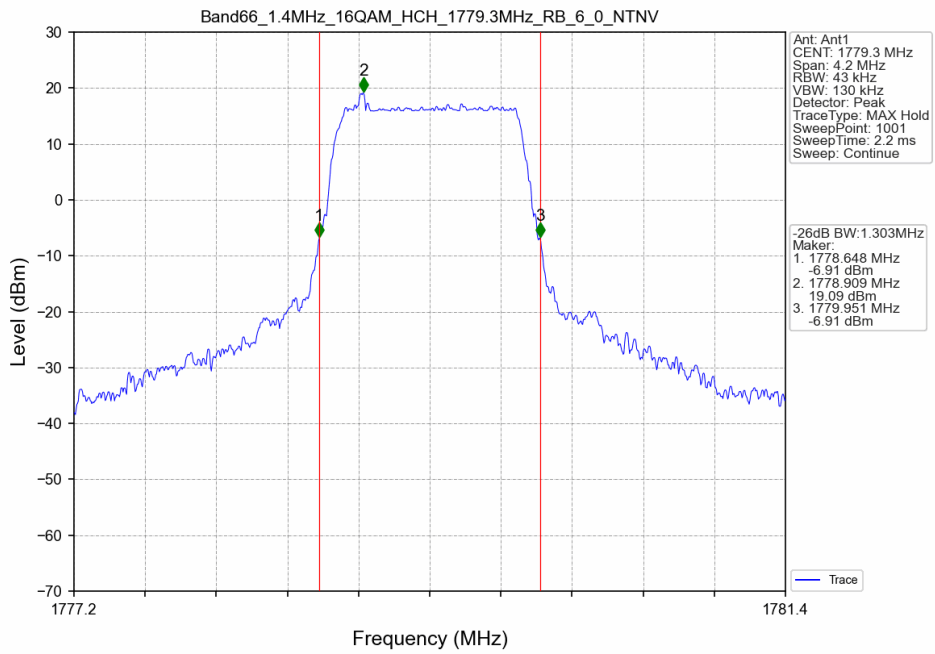
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



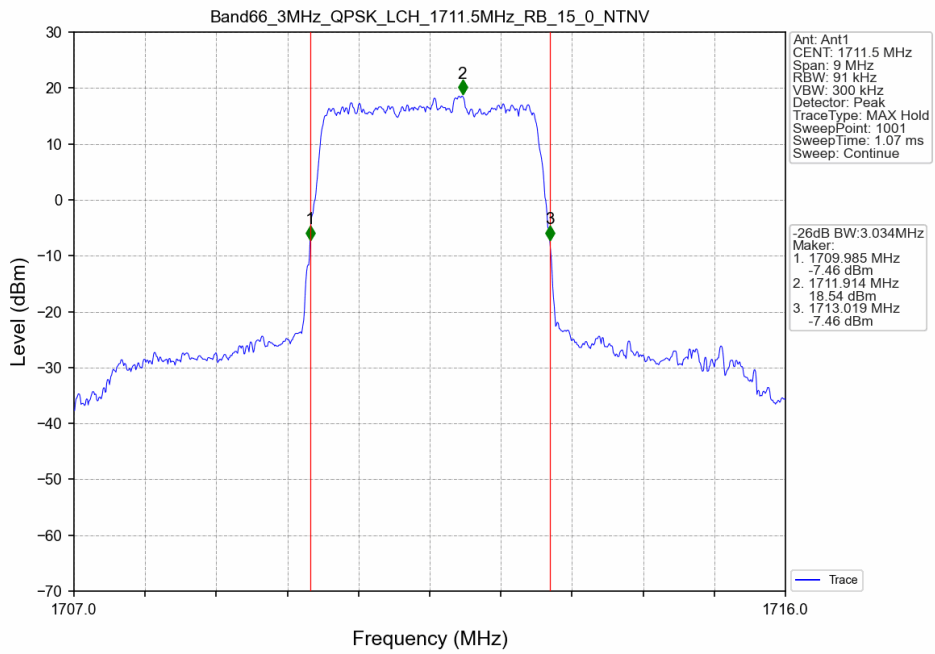
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



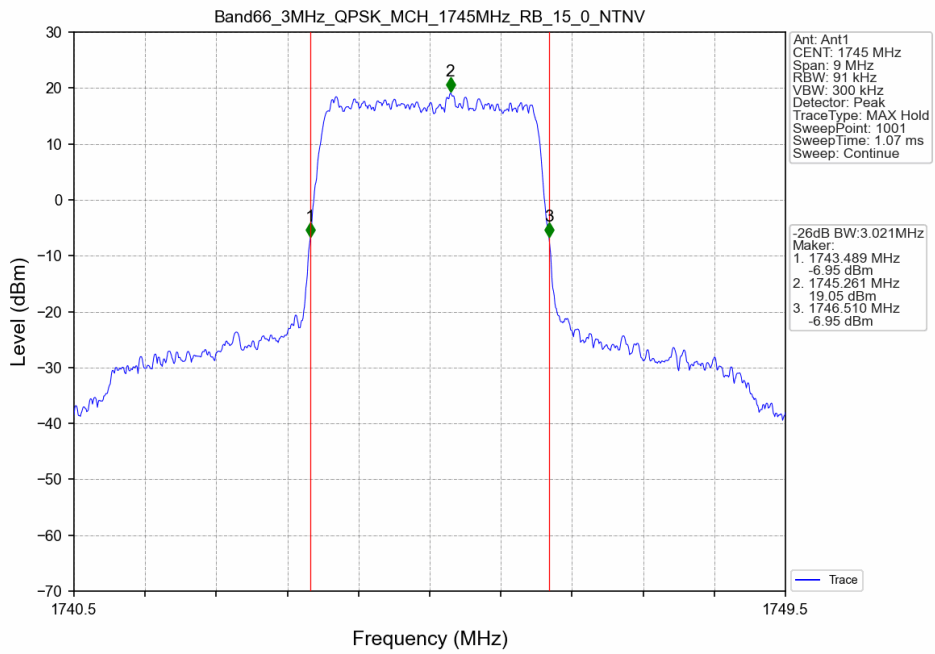
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



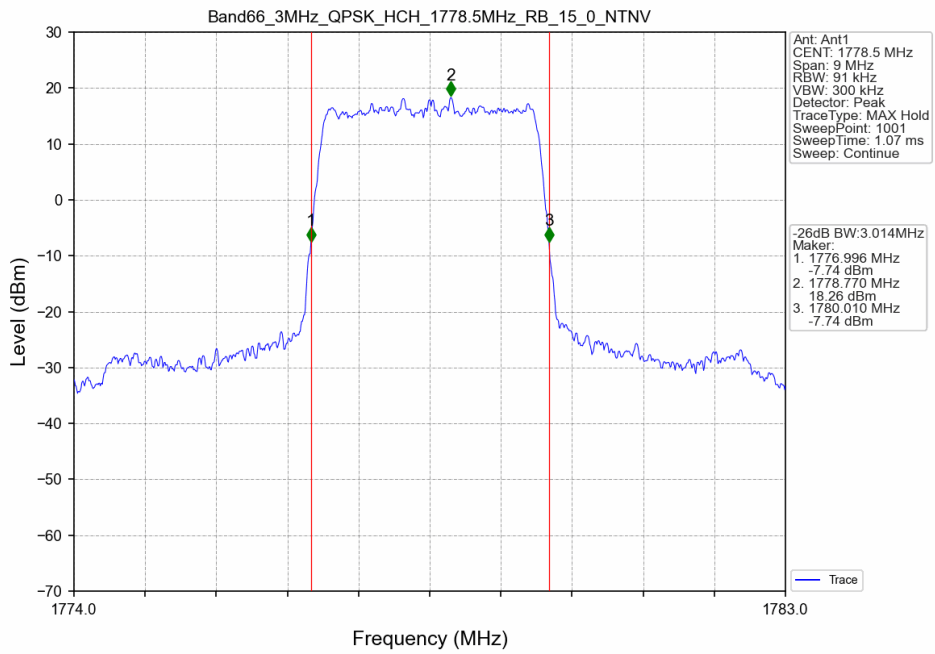
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



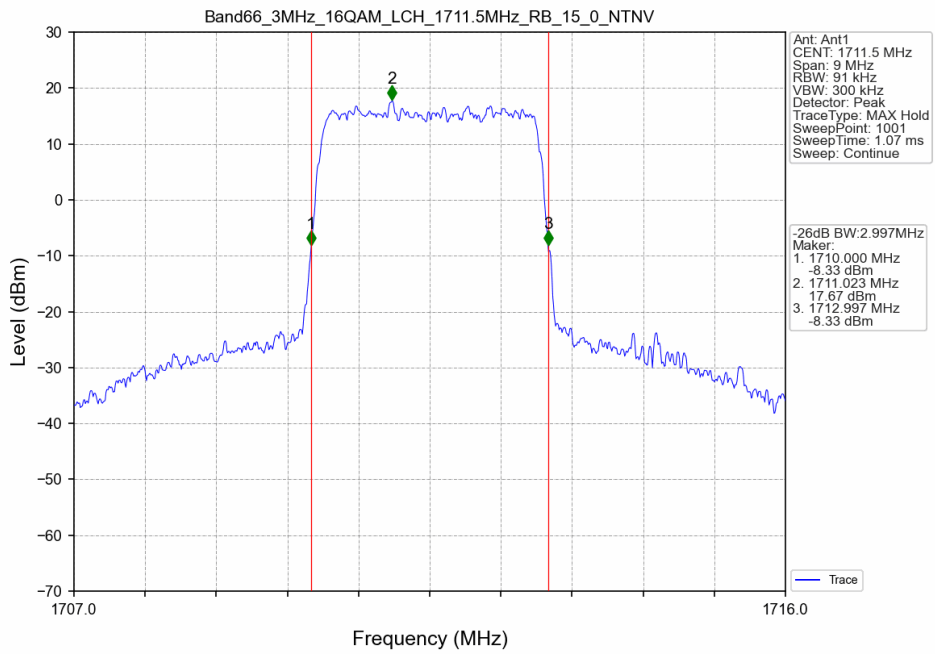
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV

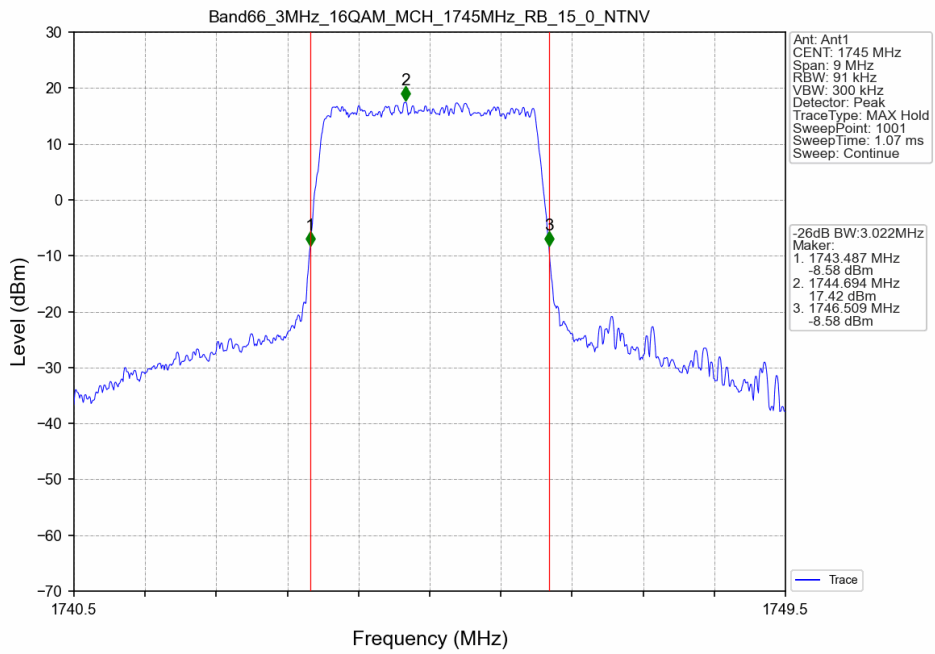


Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV





Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV

