

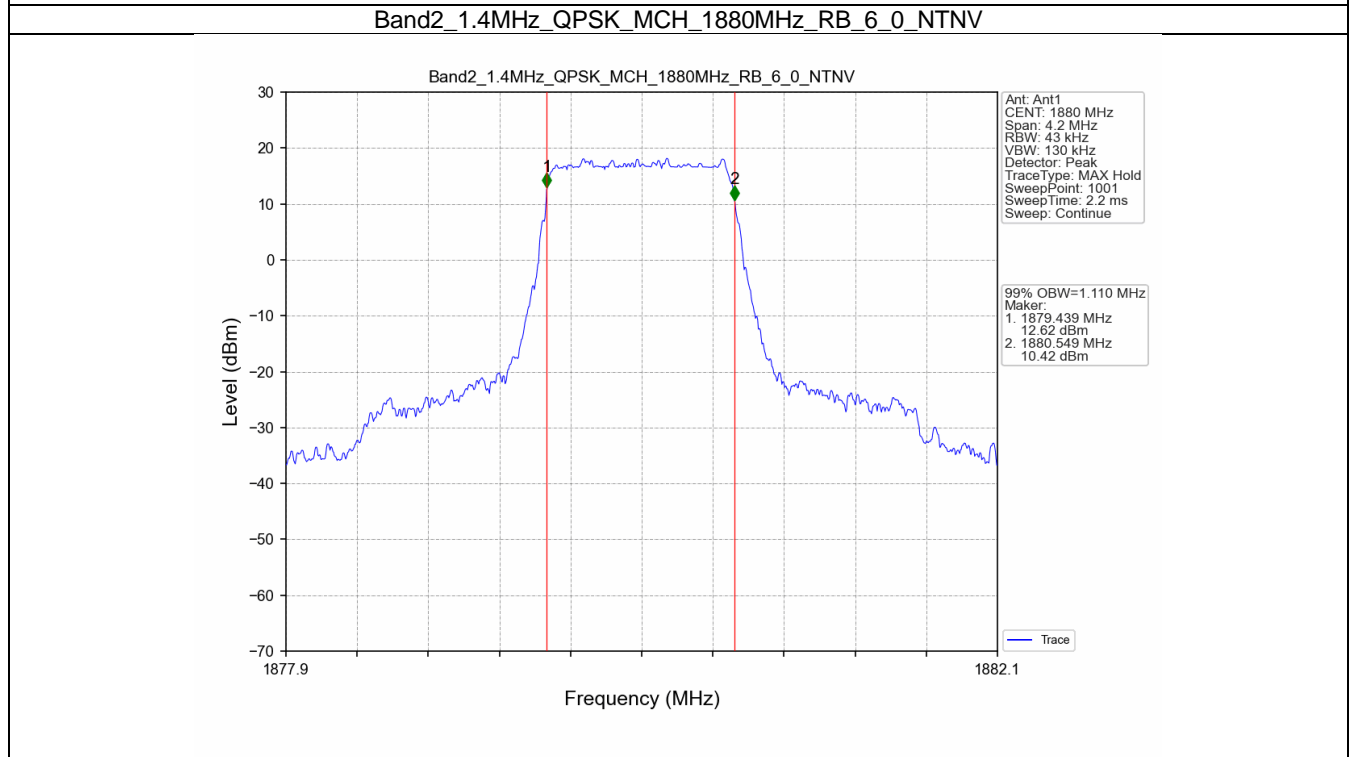
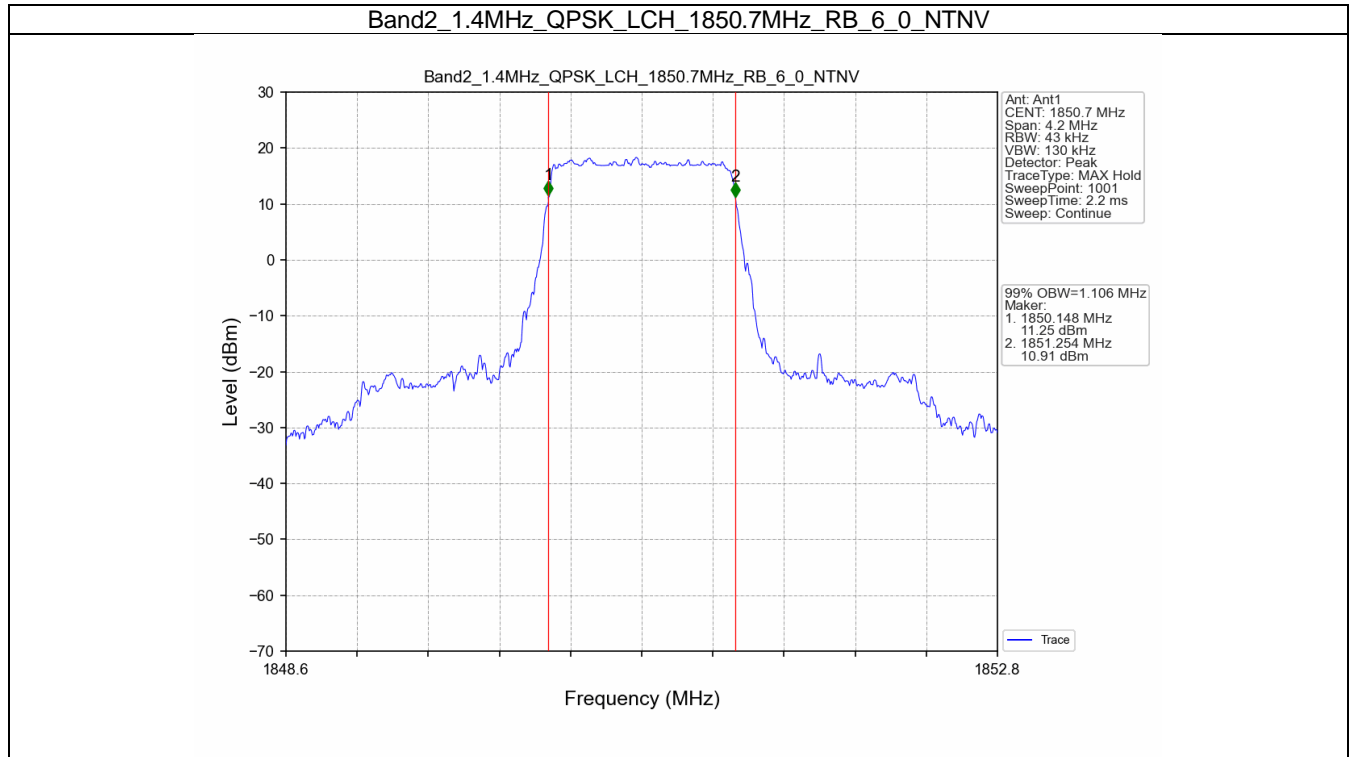
# 1. 99% & 26dB Bandwidth

## 1.1 Band2\_OBW

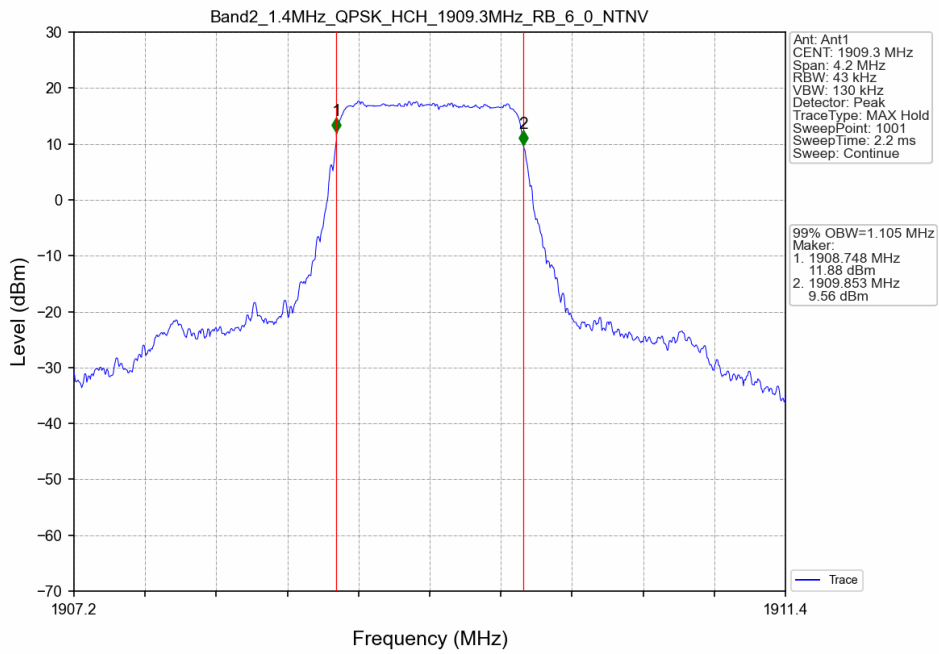
### 1.1.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.106	/	Pass
		1880	6	0	1.110	/	Pass
		1909.3	6	0	1.105	/	Pass
	16QAM	1850.7	6	0	1.104	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.110	/	Pass
3	QPSK	1851.5	15	0	2.741	/	Pass
		1880	15	0	2.747	/	Pass
		1908.5	15	0	2.743	/	Pass
	16QAM	1851.5	15	0	2.763	/	Pass
		1880	15	0	2.727	/	Pass
		1908.5	15	0	2.734	/	Pass
5	QPSK	1852.5	25	0	4.553	/	Pass
		1880	25	0	4.529	/	Pass
		1907.5	25	0	4.545	/	Pass
	16QAM	1852.5	25	0	4.532	/	Pass
		1880	25	0	4.557	/	Pass
		1907.5	25	0	4.554	/	Pass
10	QPSK	1855	50	0	9.016	/	Pass
		1880	50	0	9.001	/	Pass
		1905	50	0	8.981	/	Pass
	16QAM	1855	50	0	9.042	/	Pass
		1880	50	0	8.992	/	Pass
		1905	50	0	8.991	/	Pass
15	QPSK	1857.5	75	0	13.517	/	Pass
		1880	75	0	13.470	/	Pass
		1902.5	75	0	13.476	/	Pass
	16QAM	1857.5	75	0	13.532	/	Pass
		1880	75	0	13.489	/	Pass
		1902.5	75	0	13.496	/	Pass
20	QPSK	1860	100	0	18.039	/	Pass
		1880	100	0	17.906	/	Pass
		1900	100	0	18.026	/	Pass
	16QAM	1860	100	0	18.082	/	Pass
		1880	100	0	17.948	/	Pass
		1900	100	0	18.067	/	Pass

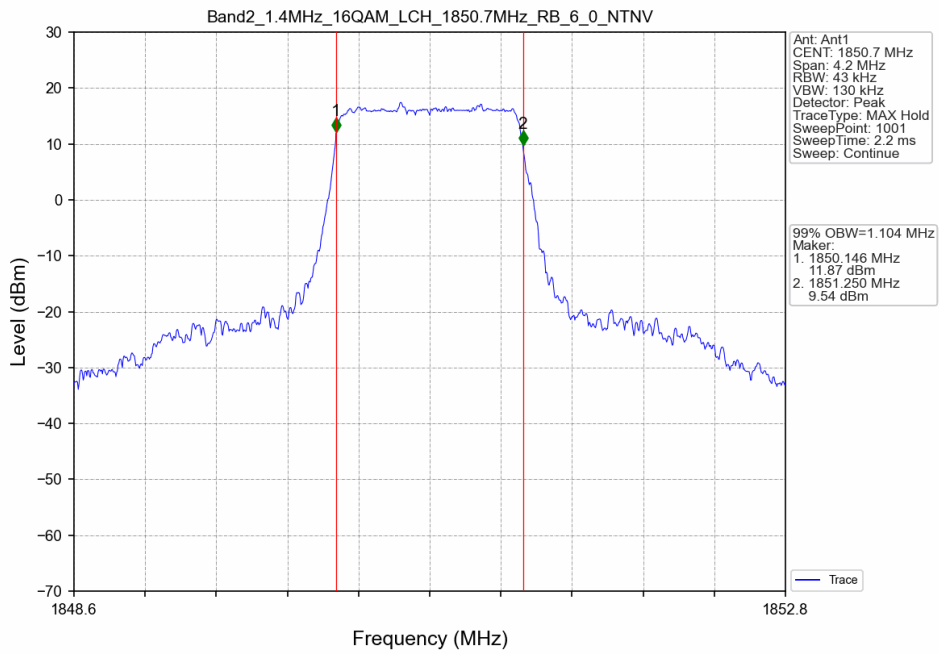
### 1.1.2 Test Graph



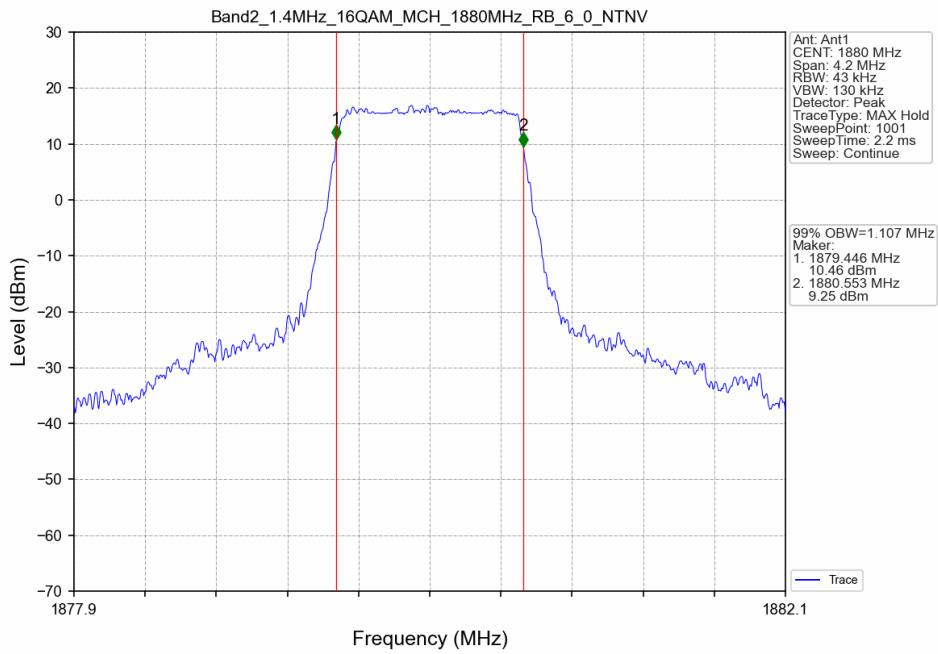
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



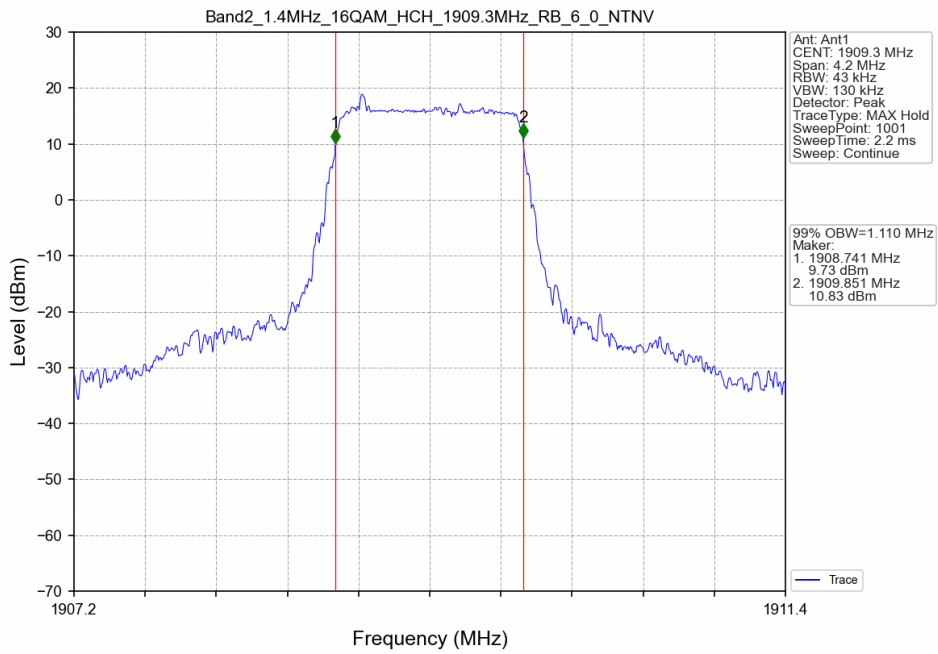
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



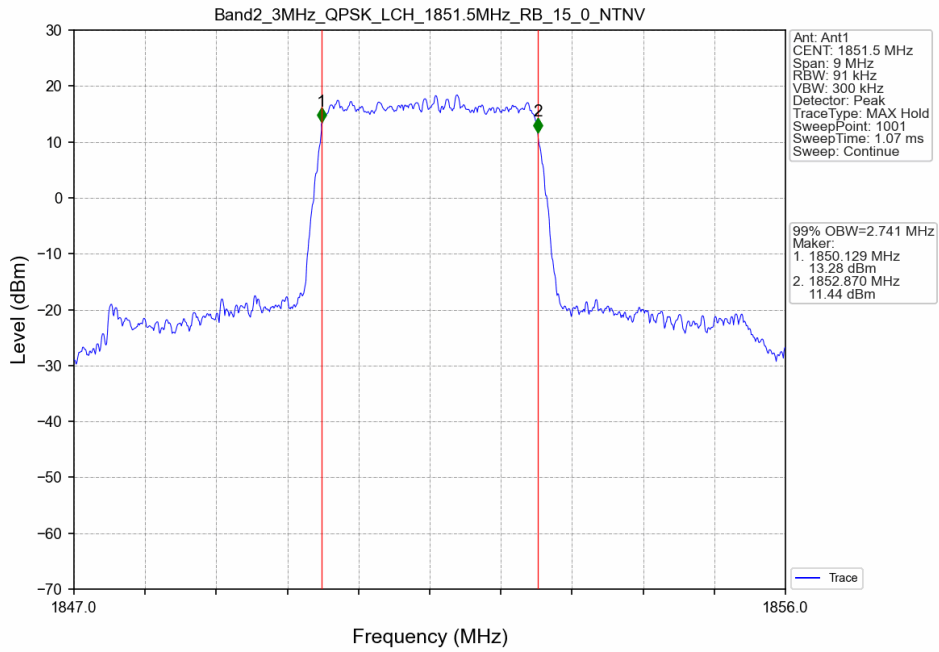
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



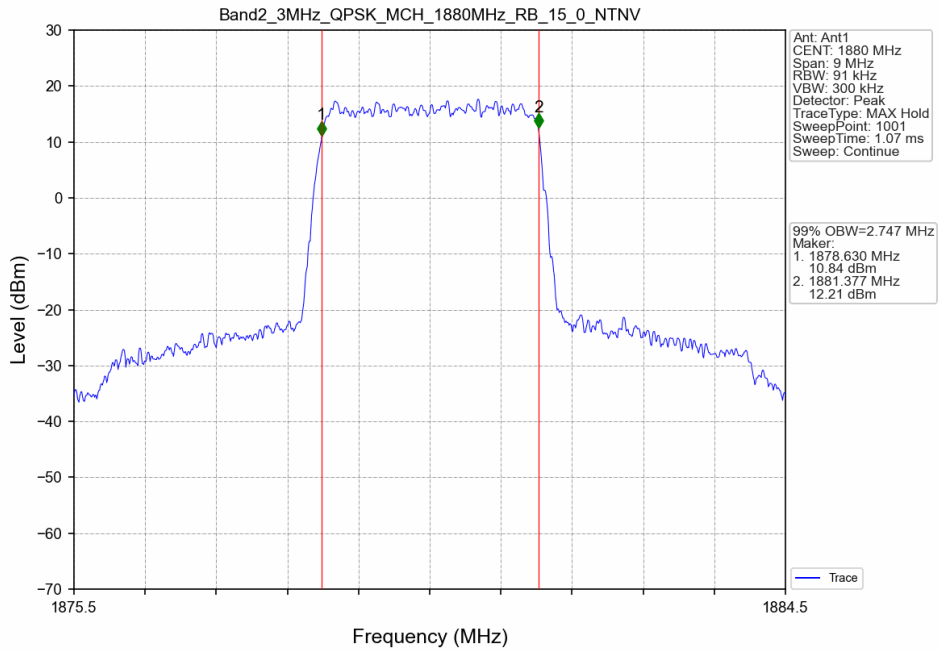
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



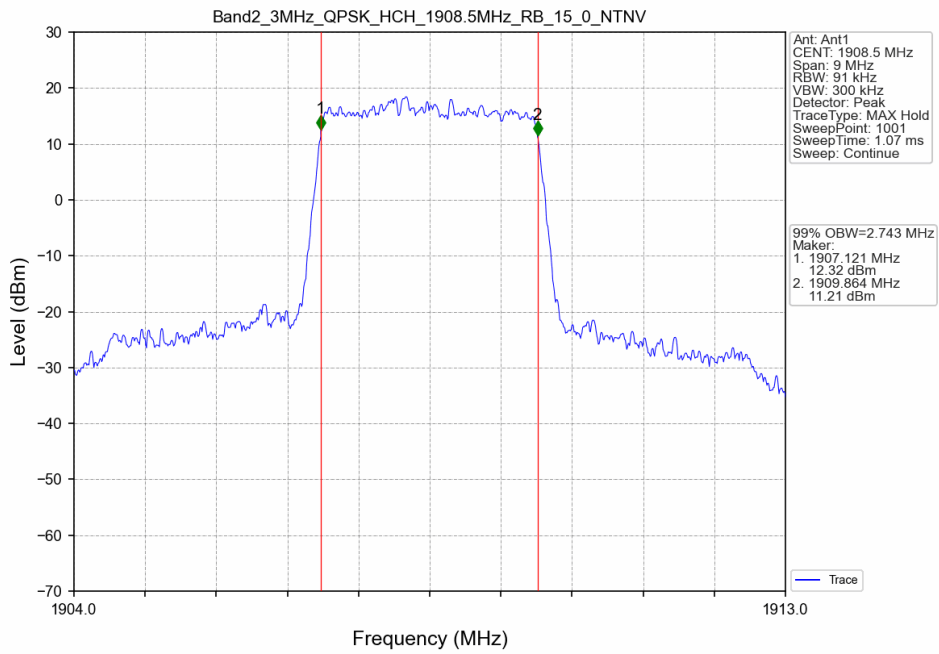
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



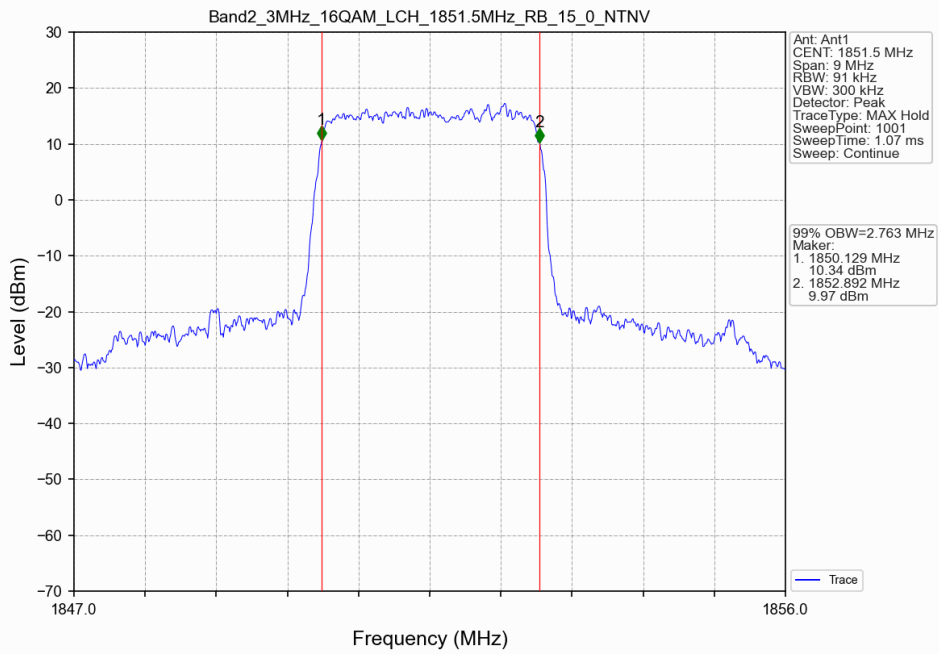
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



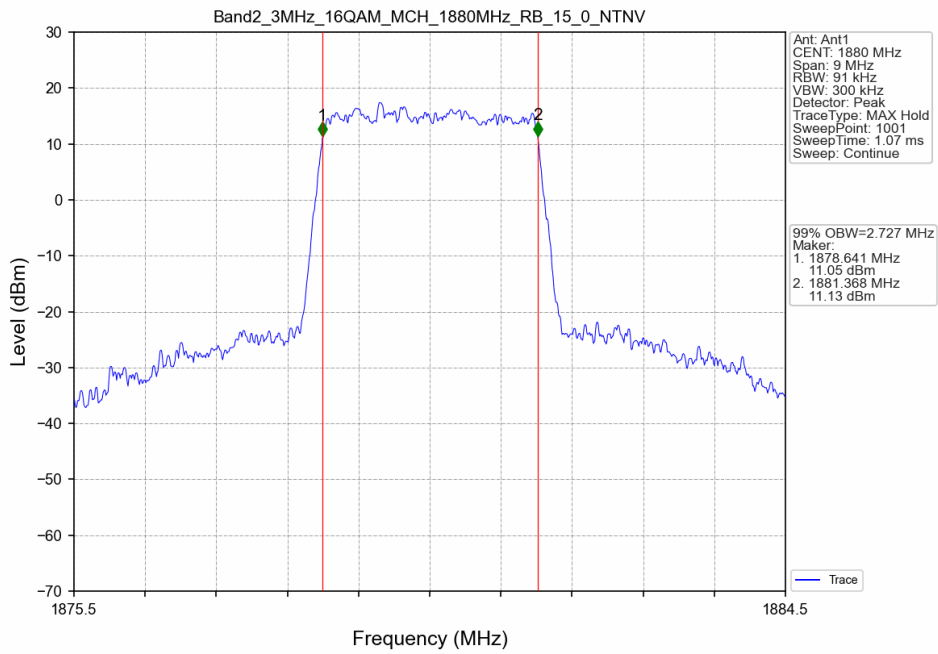
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



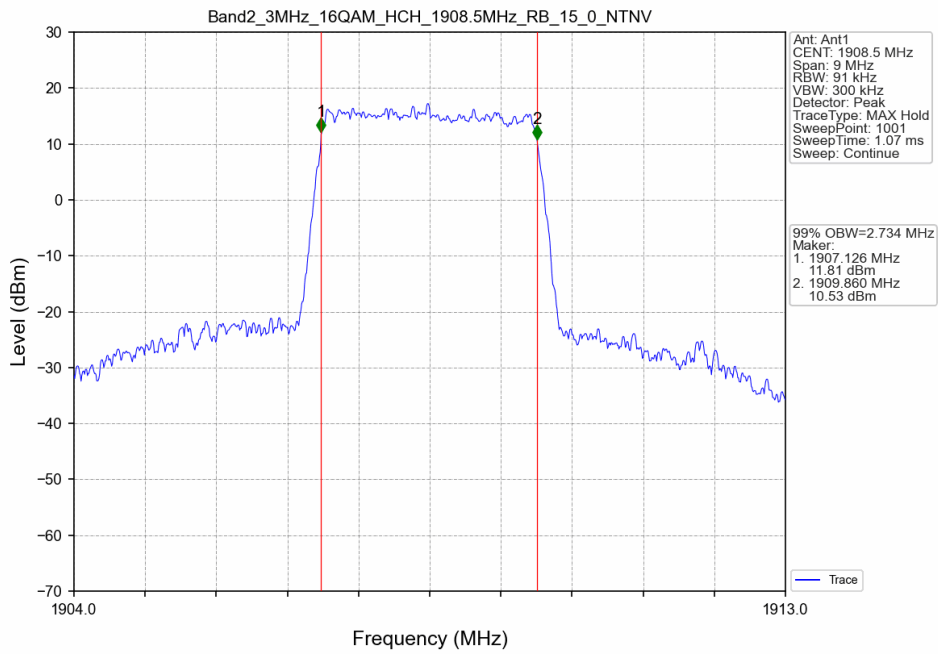
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



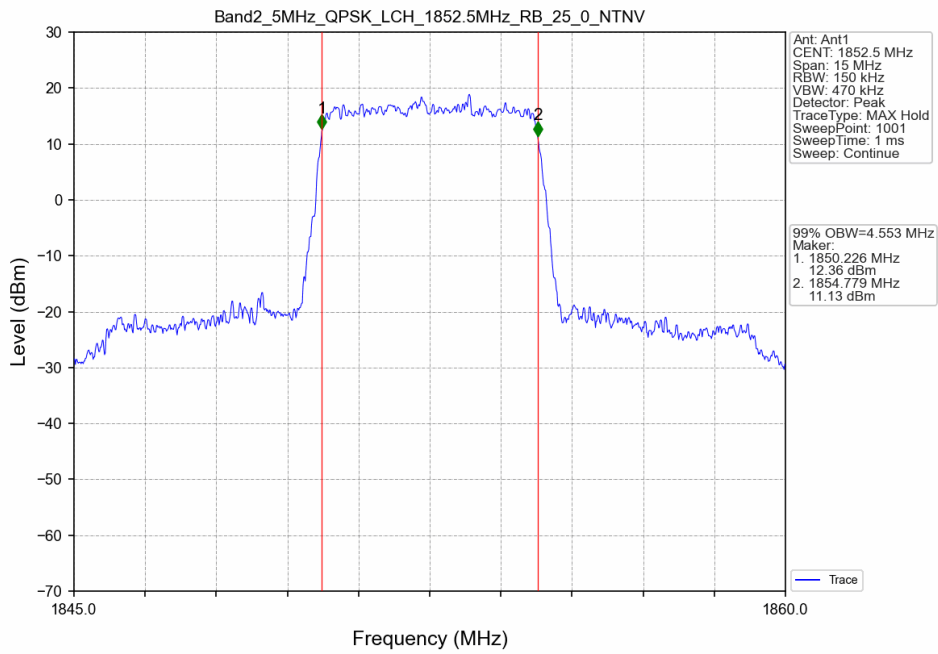
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



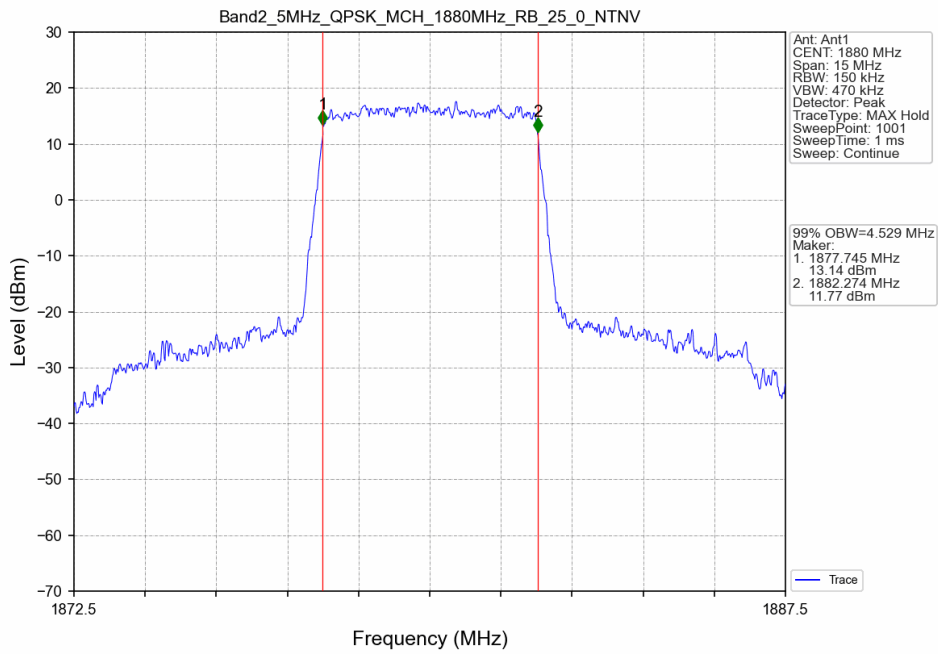
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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

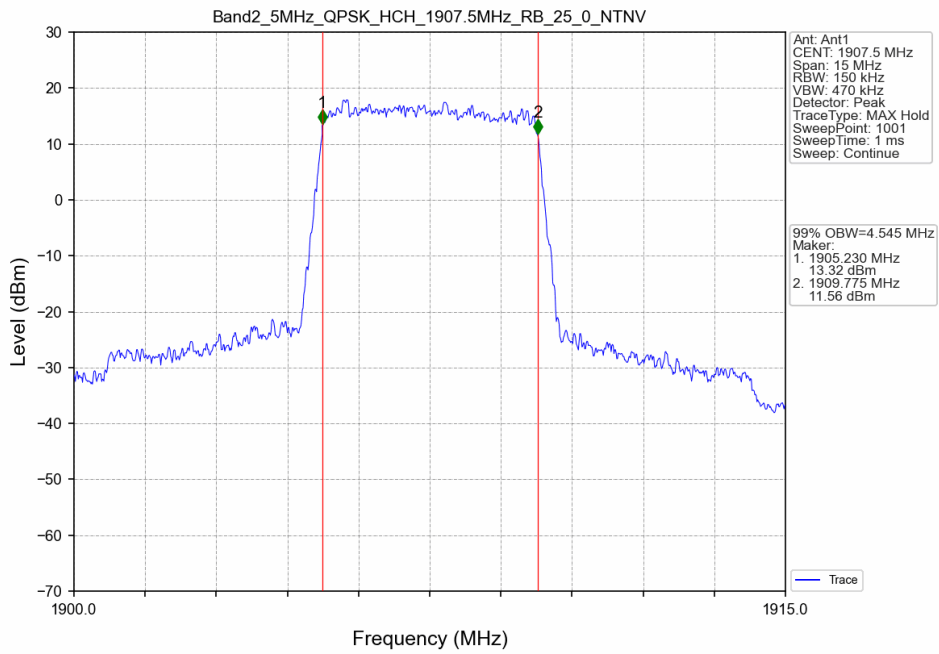


Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV

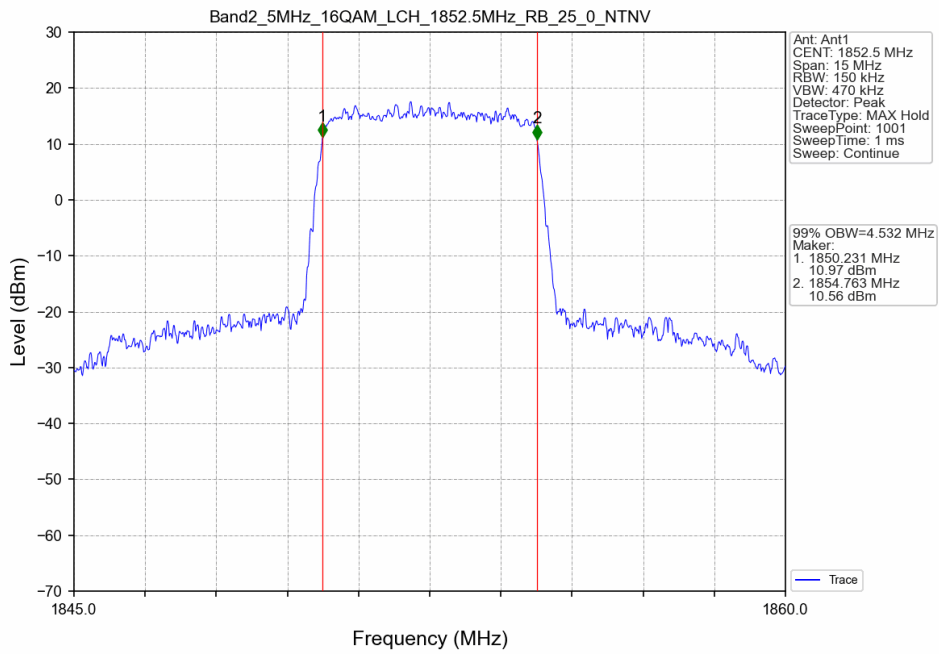




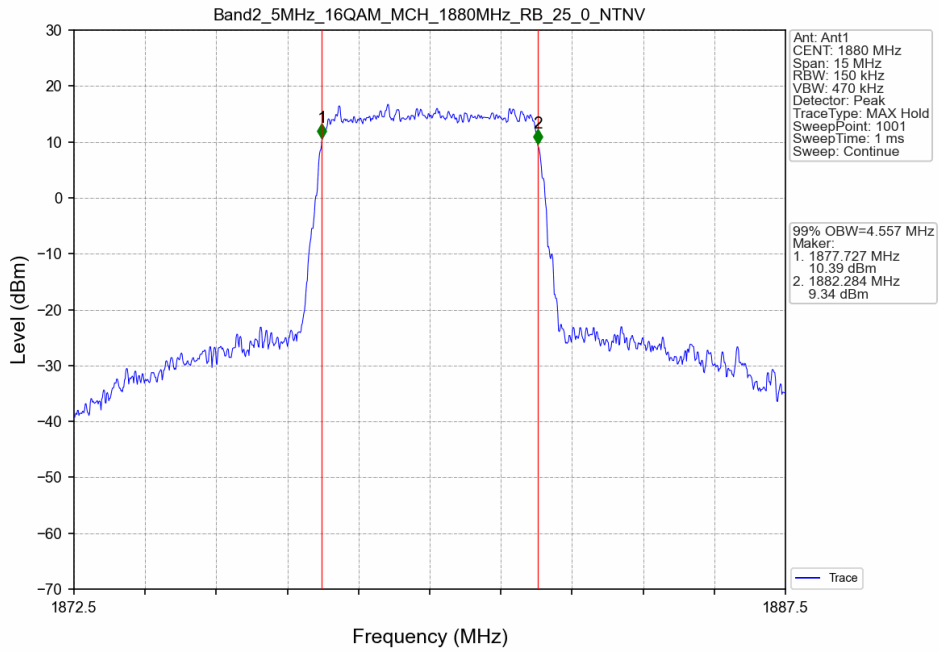
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



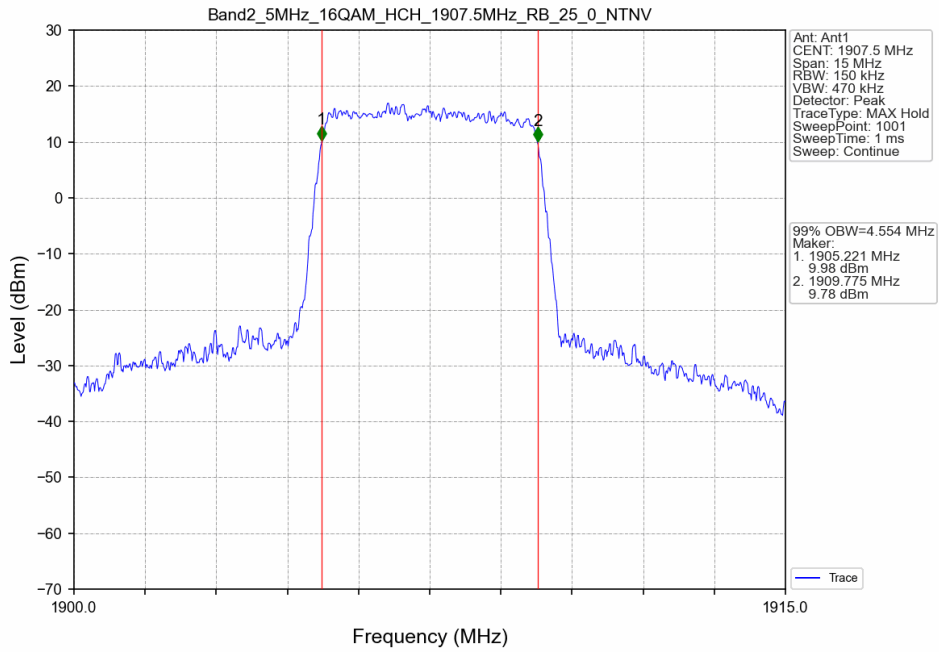
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



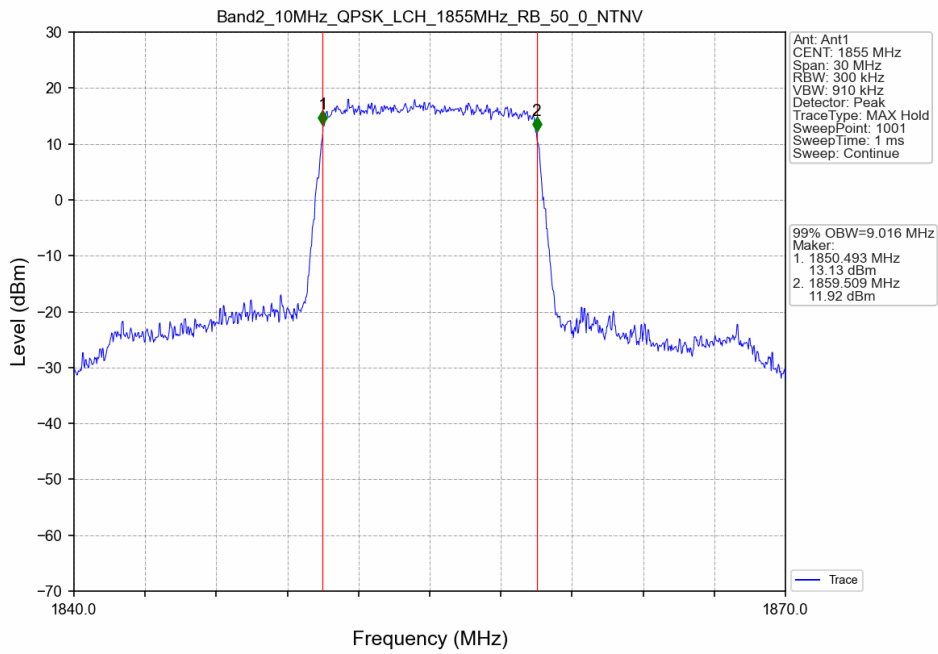
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



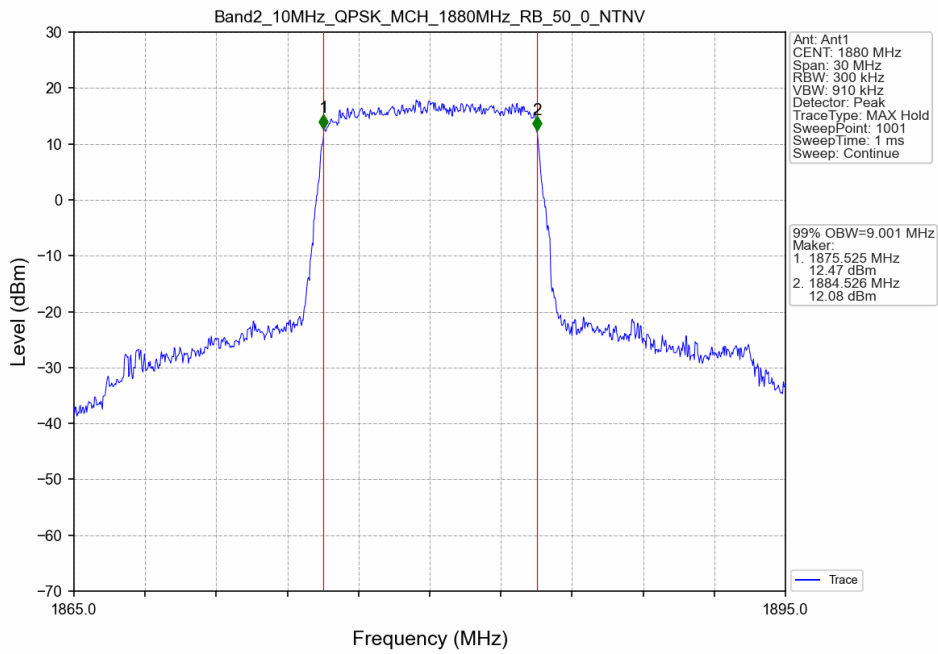
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



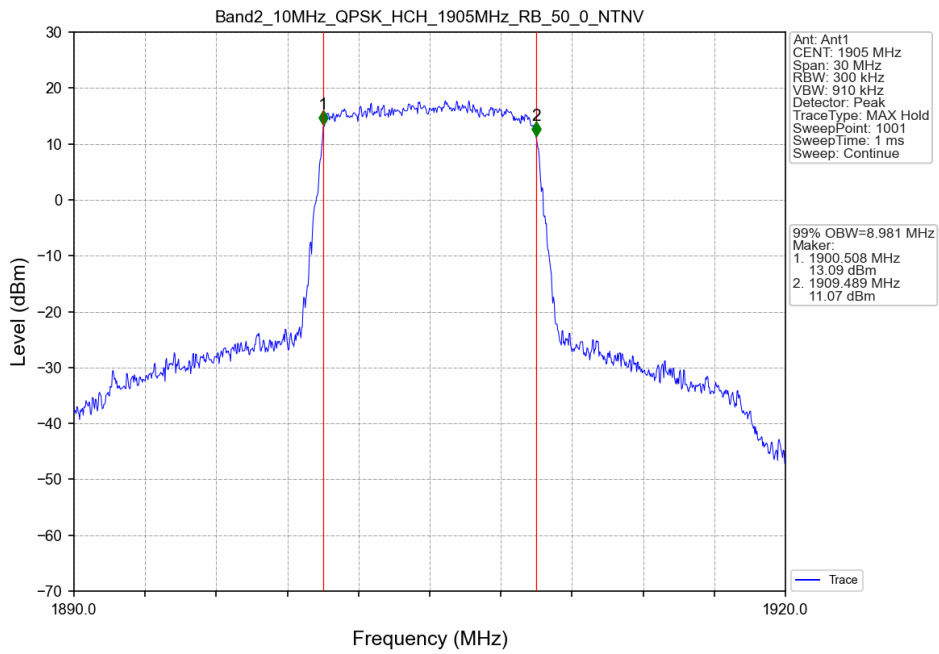
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



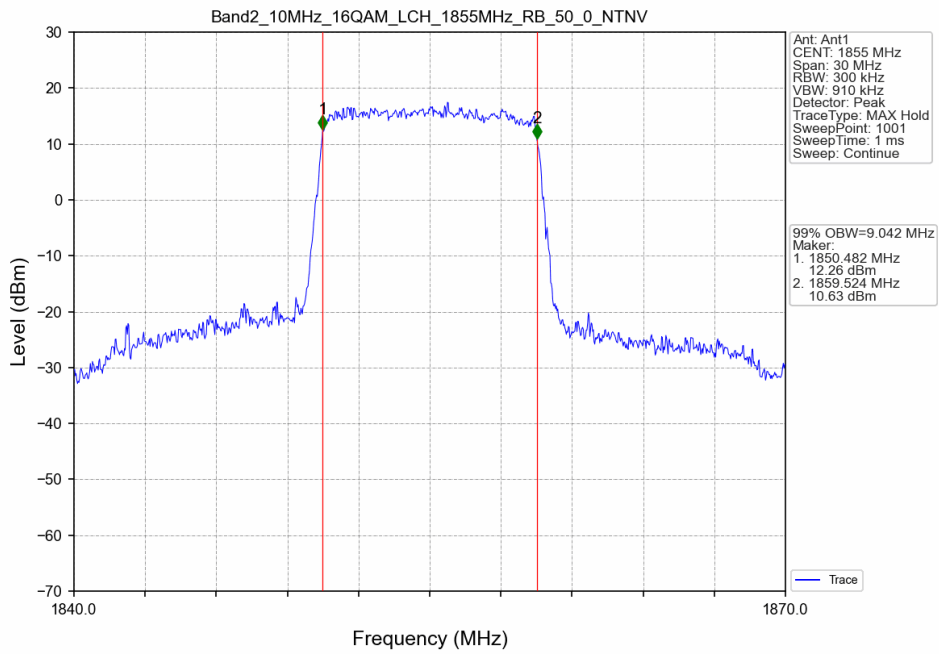
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



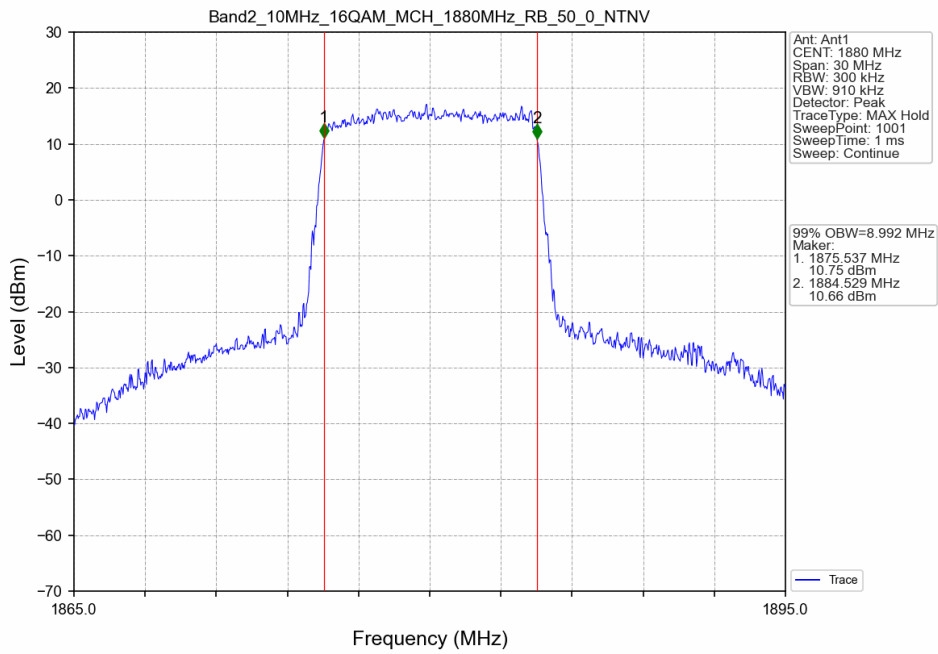
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



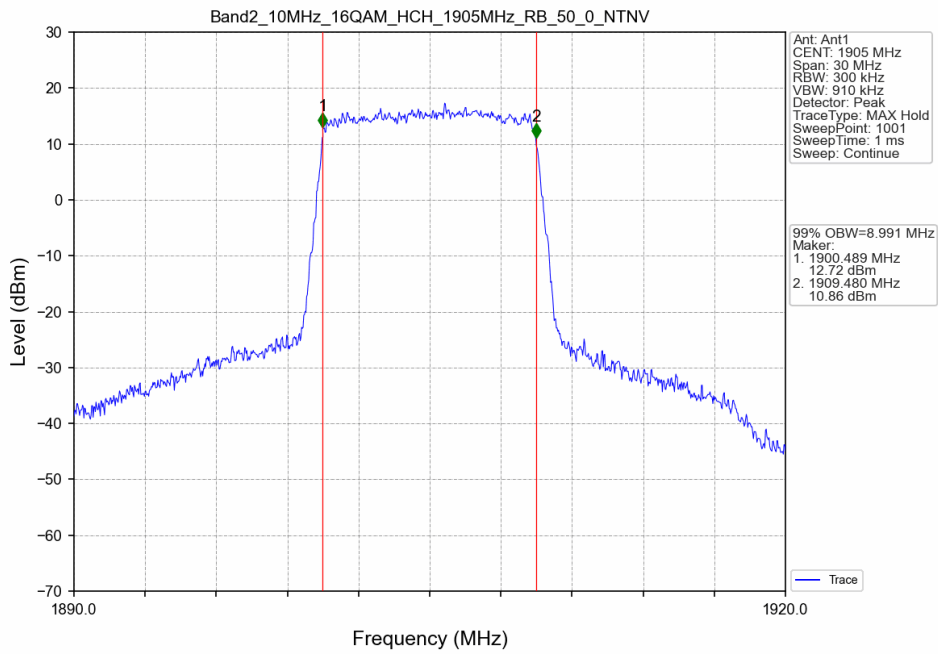
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



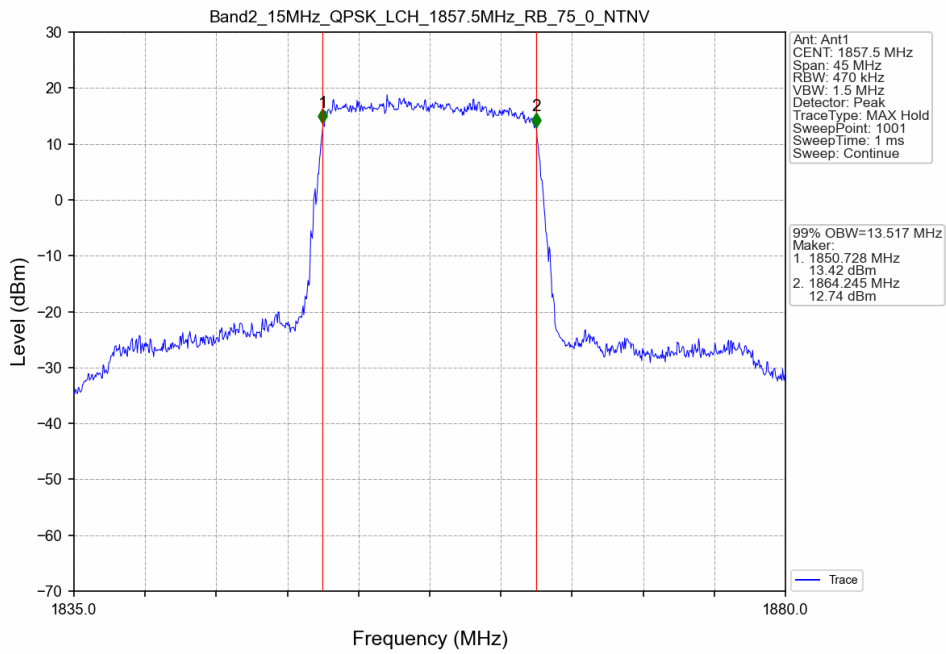
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



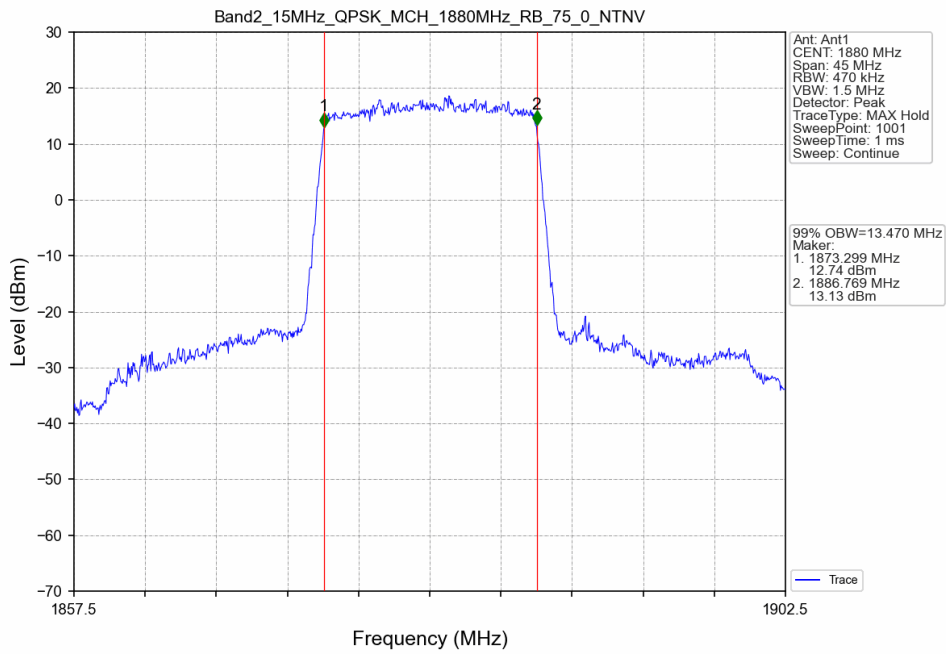
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



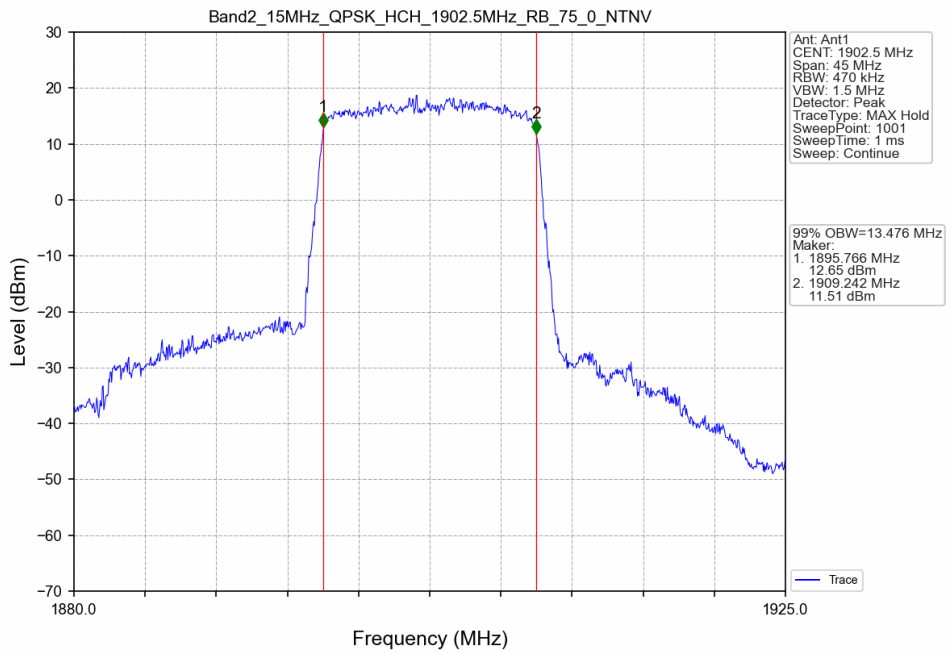
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



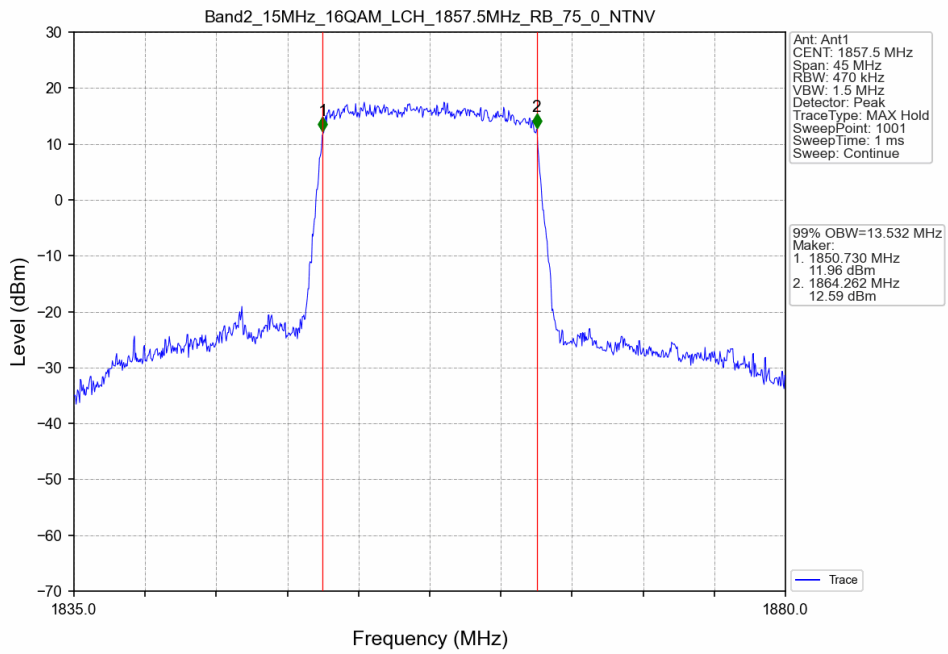
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



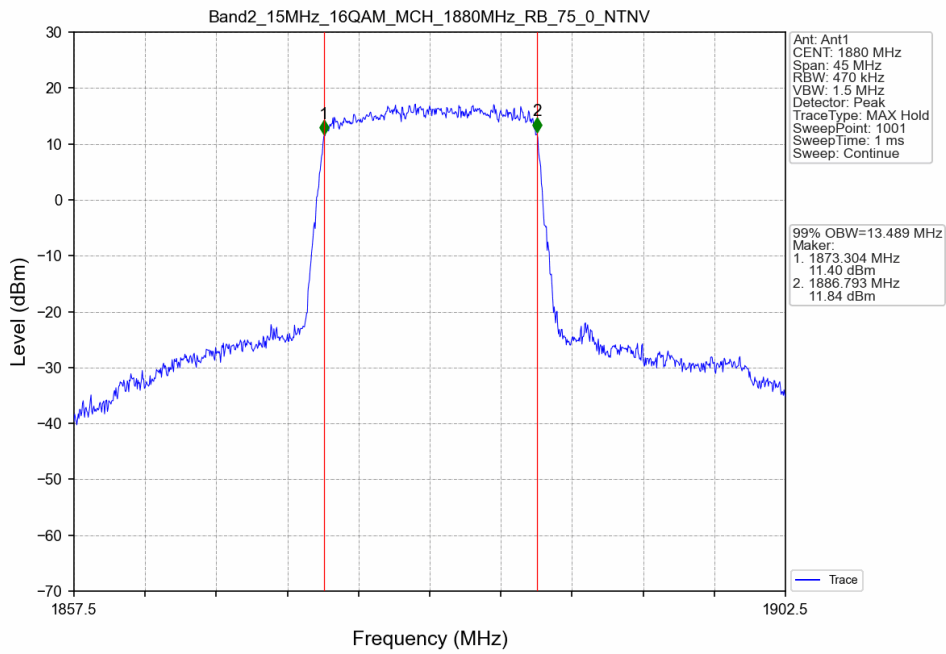
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



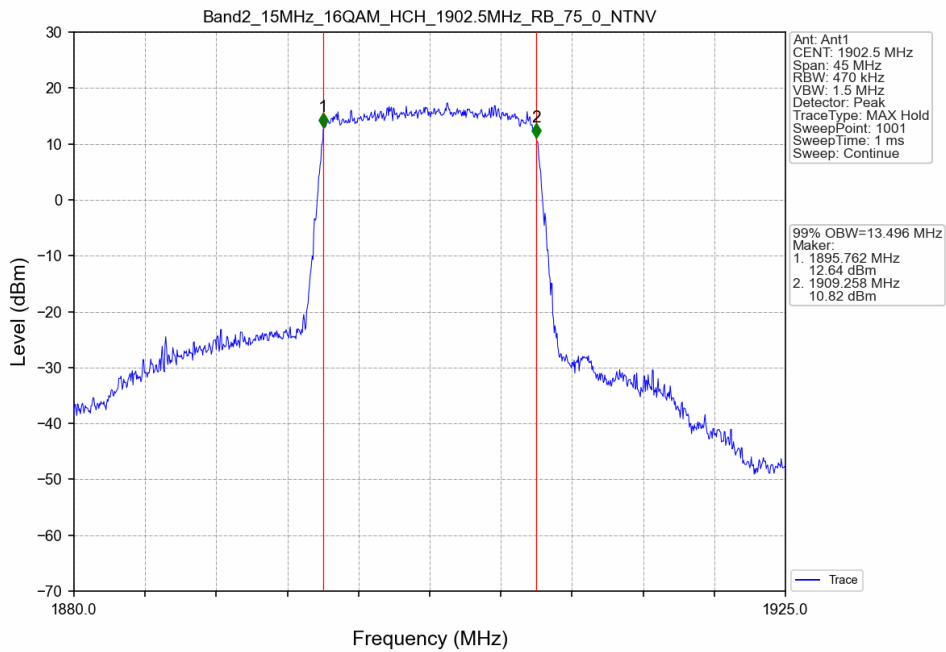
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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

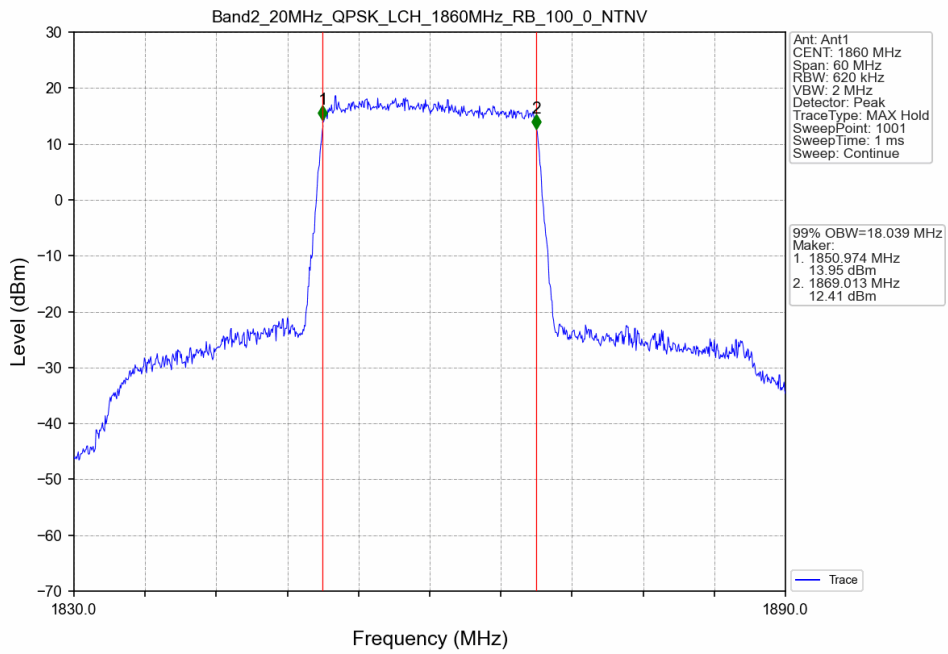


Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

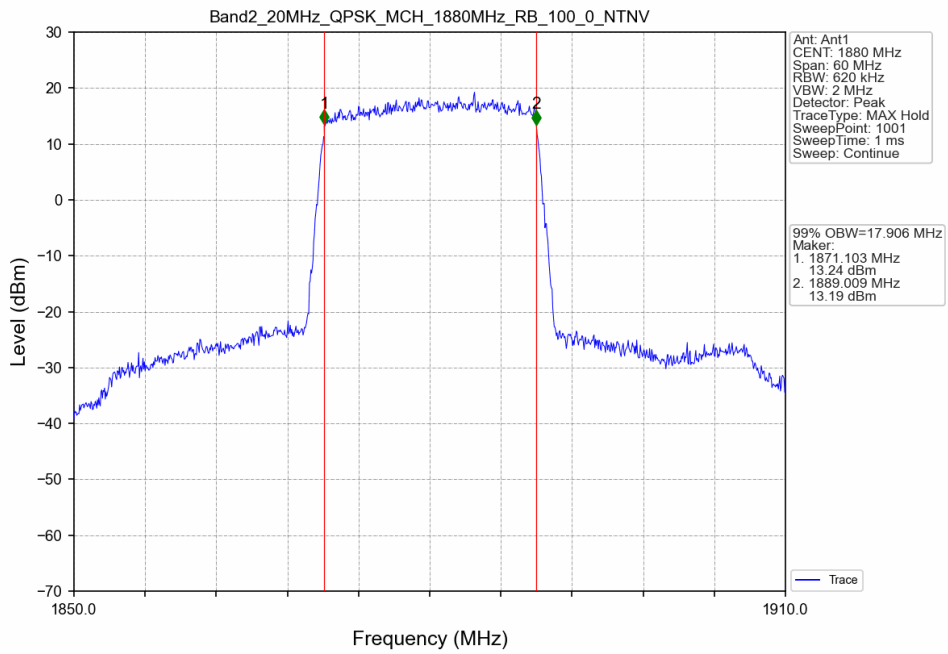




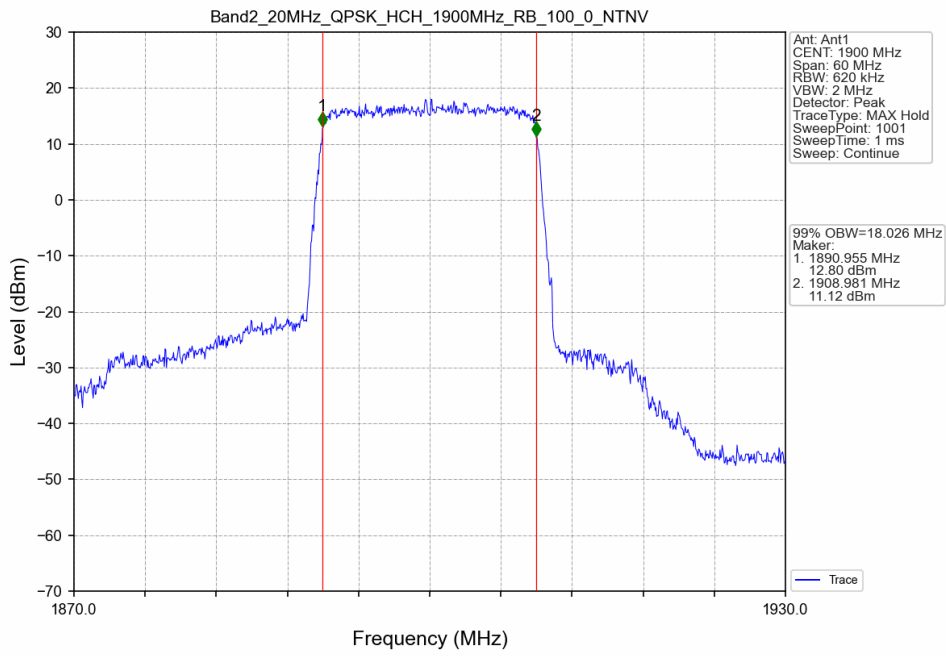
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



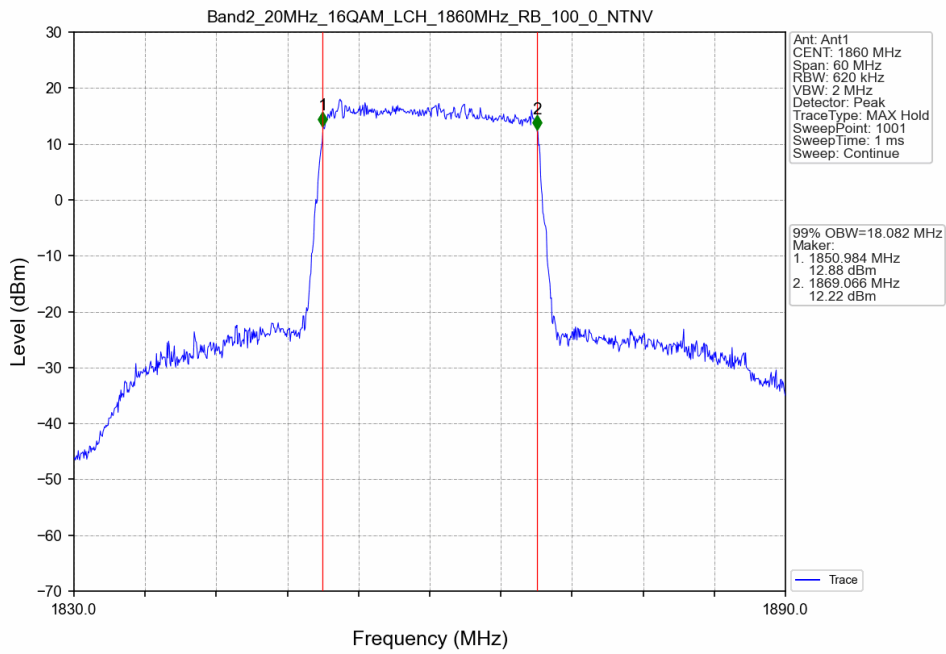
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



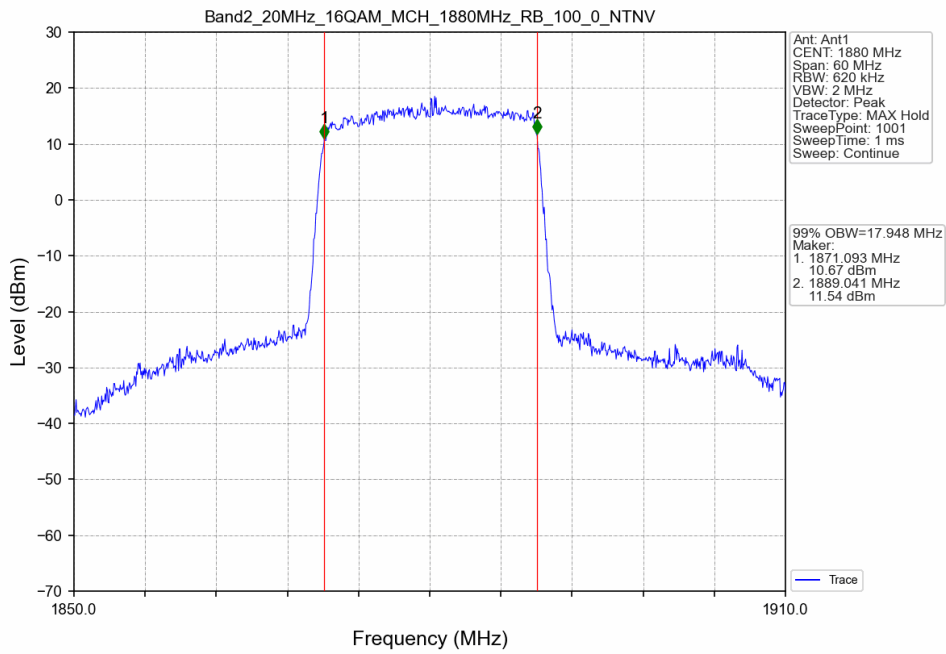
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



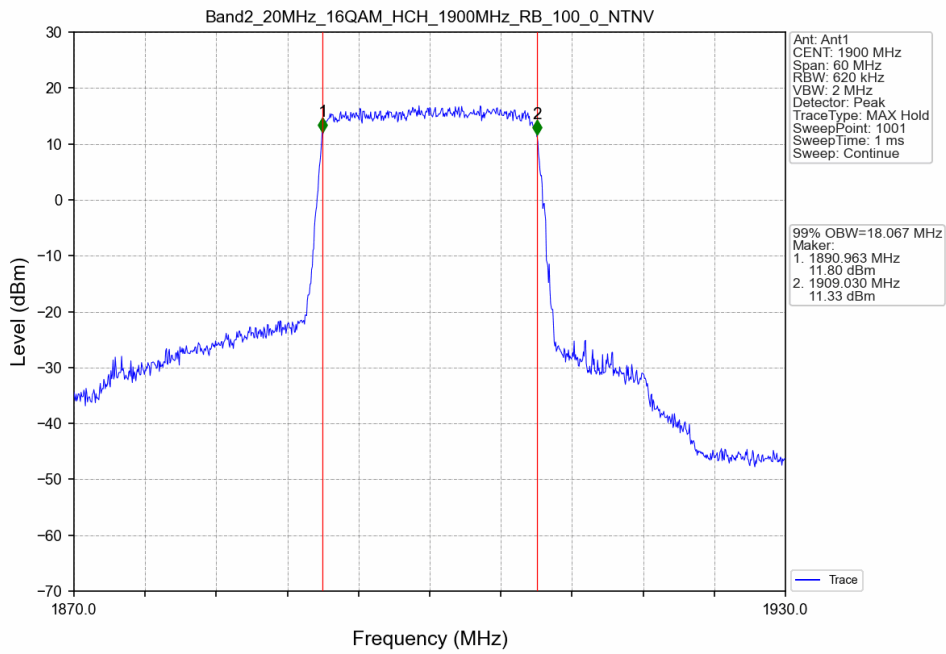
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

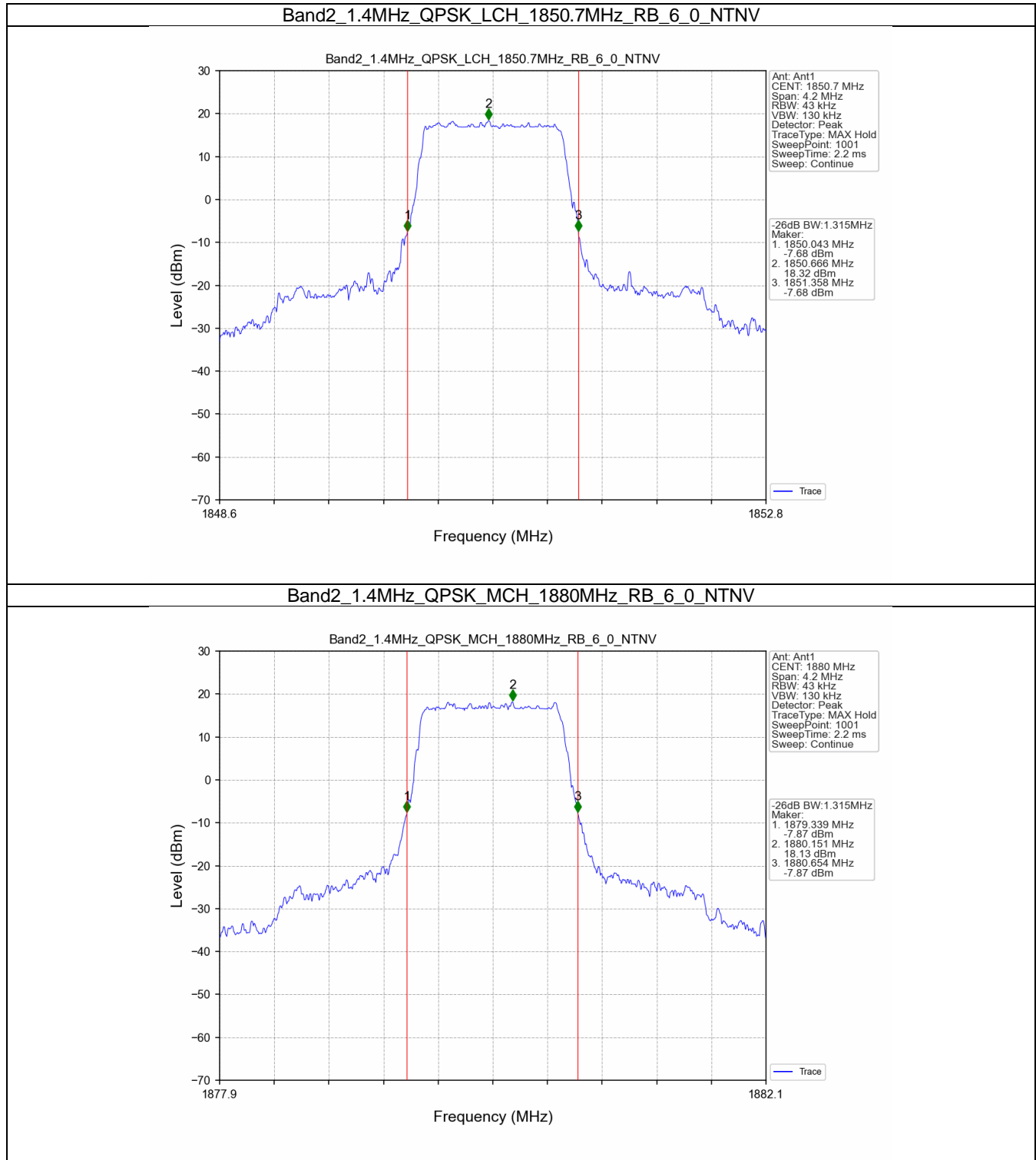


## 1.2 Band2\_XDB

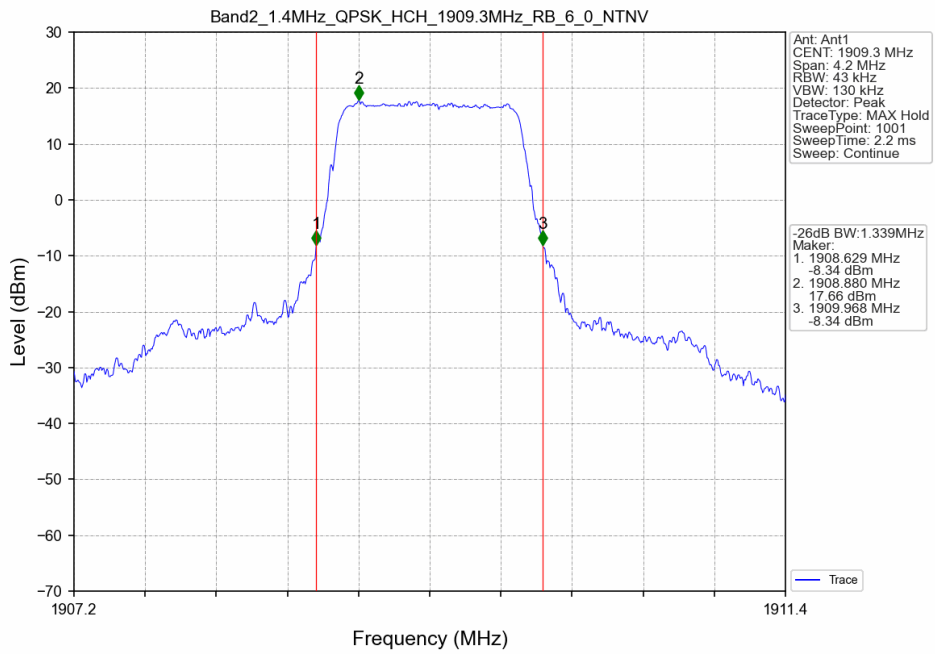
### 1.2.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.315	/	Pass
		1880	6	0	1.315	/	Pass
		1909.3	6	0	1.339	/	Pass
	16QAM	1850.7	6	0	1.294	/	Pass
		1880	6	0	1.331	/	Pass
		1909.3	6	0	1.308	/	Pass
3	QPSK	1851.5	15	0	3.059	/	Pass
		1880	15	0	3.043	/	Pass
		1908.5	15	0	3.039	/	Pass
	16QAM	1851.5	15	0	3.027	/	Pass
		1880	15	0	3.040	/	Pass
		1908.5	15	0	3.054	/	Pass
5	QPSK	1852.5	25	0	5.086	/	Pass
		1880	25	0	5.061	/	Pass
		1907.5	25	0	5.068	/	Pass
	16QAM	1852.5	25	0	5.065	/	Pass
		1880	25	0	5.061	/	Pass
		1907.5	25	0	5.107	/	Pass
10	QPSK	1855	50	0	9.983	/	Pass
		1880	50	0	10.040	/	Pass
		1905	50	0	10.018	/	Pass
	16QAM	1855	50	0	10.002	/	Pass
		1880	50	0	10.004	/	Pass
		1905	50	0	9.965	/	Pass
15	QPSK	1857.5	75	0	14.956	/	Pass
		1880	75	0	14.852	/	Pass
		1902.5	75	0	14.861	/	Pass
	16QAM	1857.5	75	0	14.904	/	Pass
		1880	75	0	14.980	/	Pass
		1902.5	75	0	14.786	/	Pass
20	QPSK	1860	100	0	19.731	/	Pass
		1880	100	0	19.682	/	Pass
		1900	100	0	19.868	/	Pass
	16QAM	1860	100	0	19.707	/	Pass
		1880	100	0	19.641	/	Pass
		1900	100	0	19.676	/	Pass

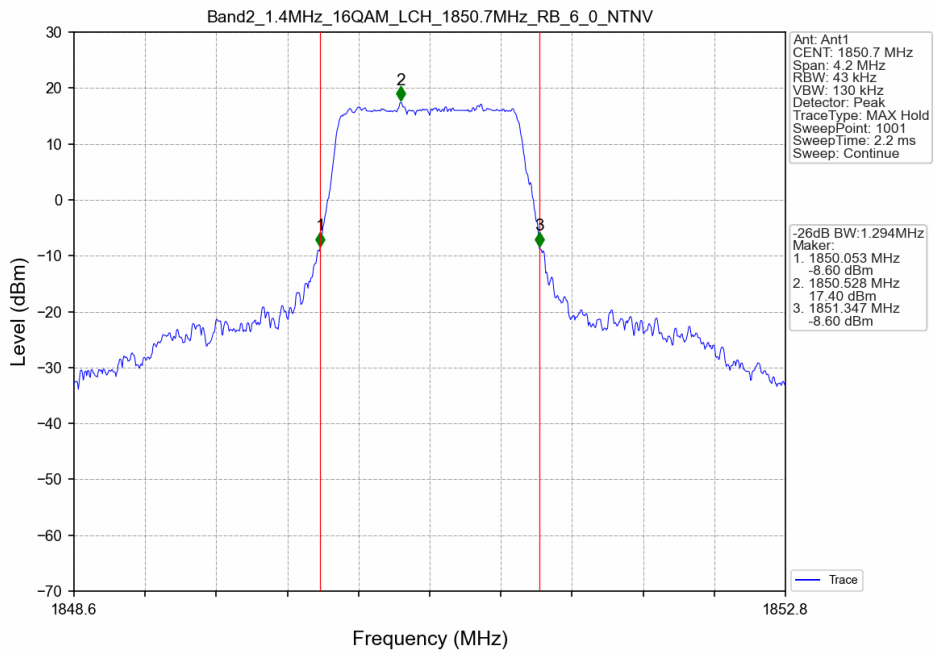
## 1.2.2 Test Graph



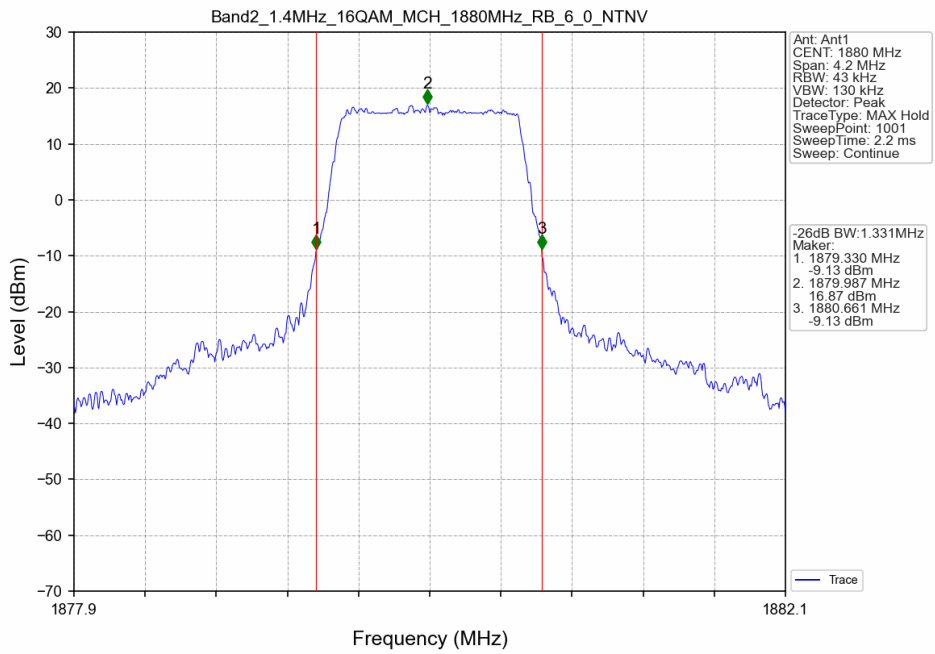
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



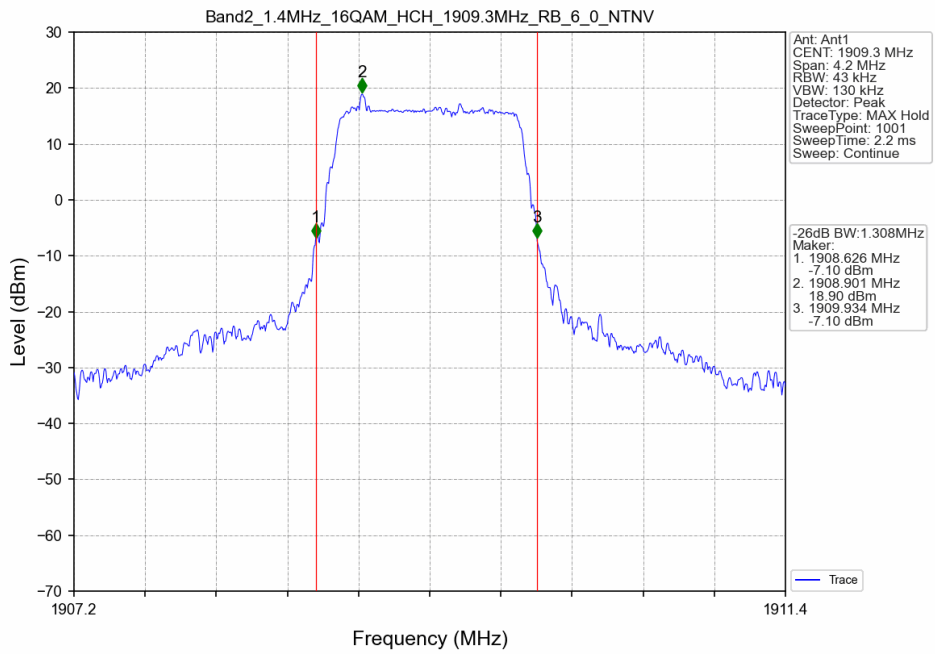
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



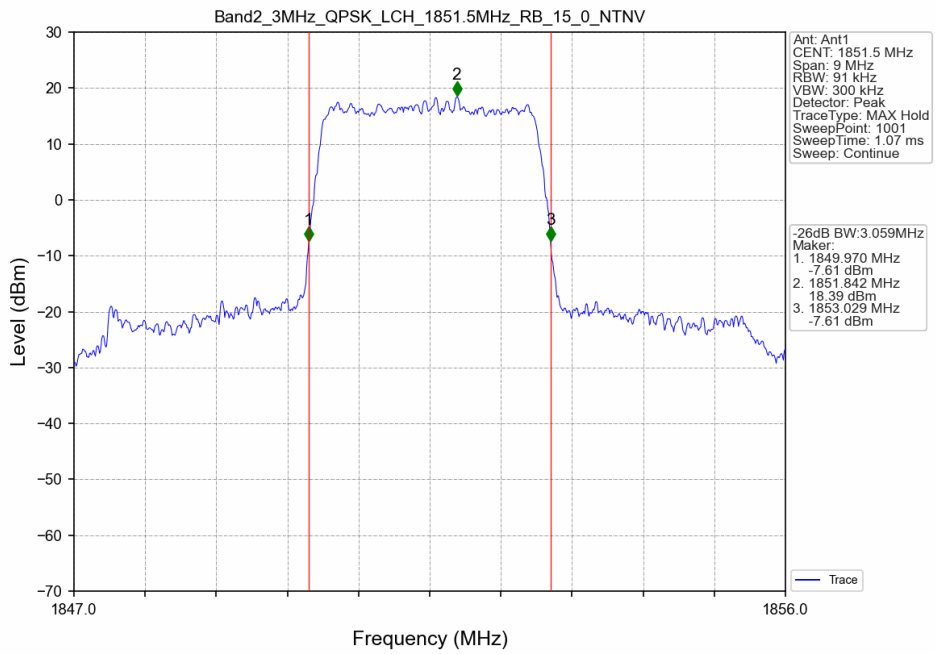
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



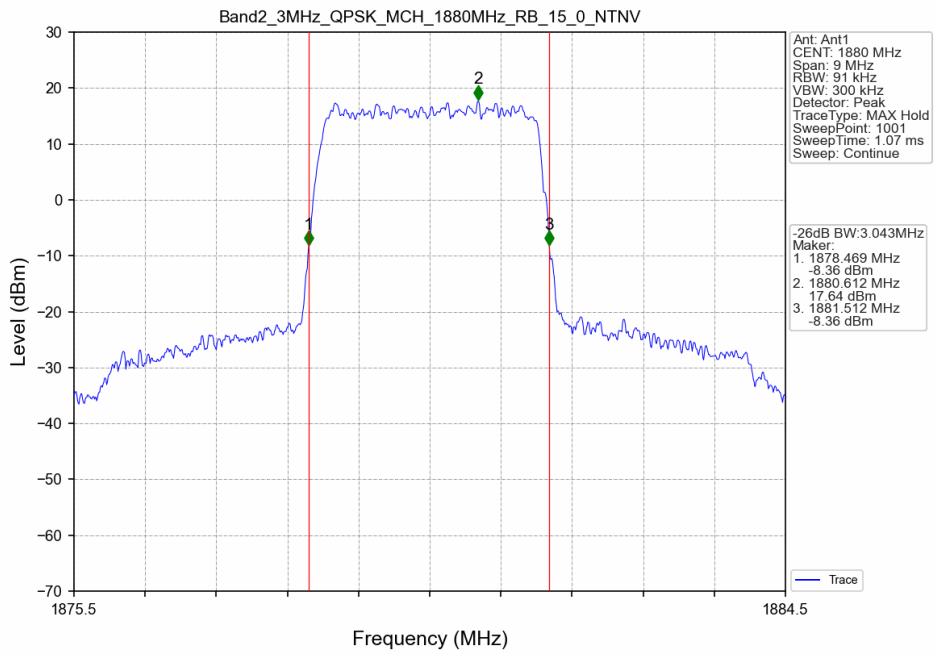
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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

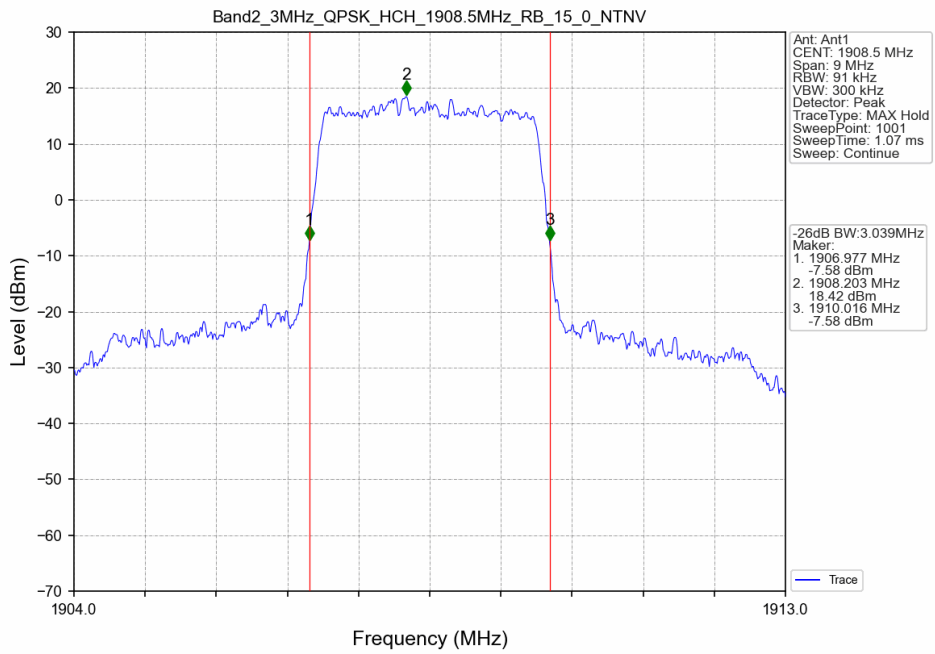


Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV

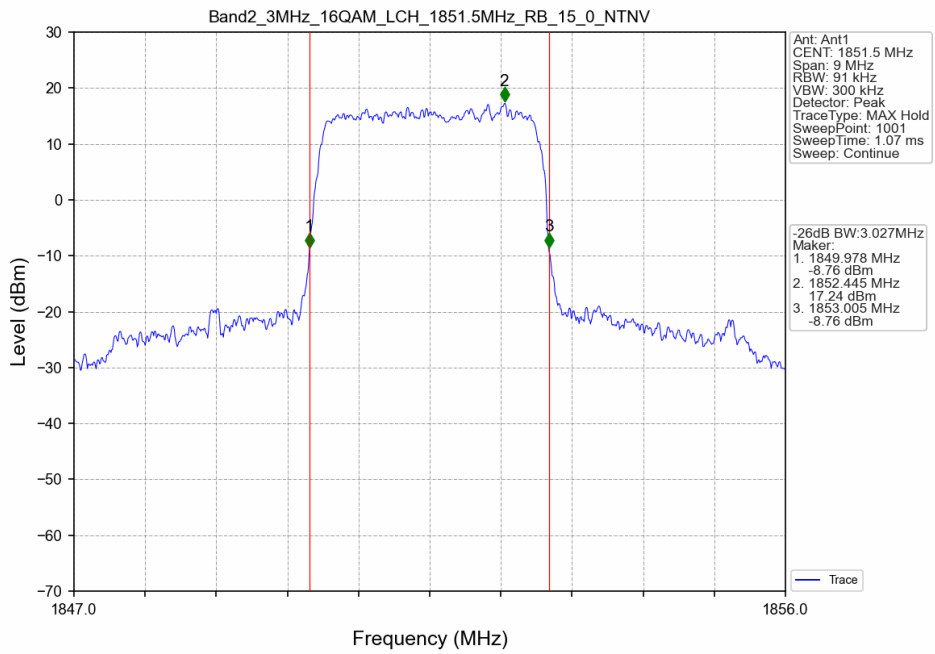




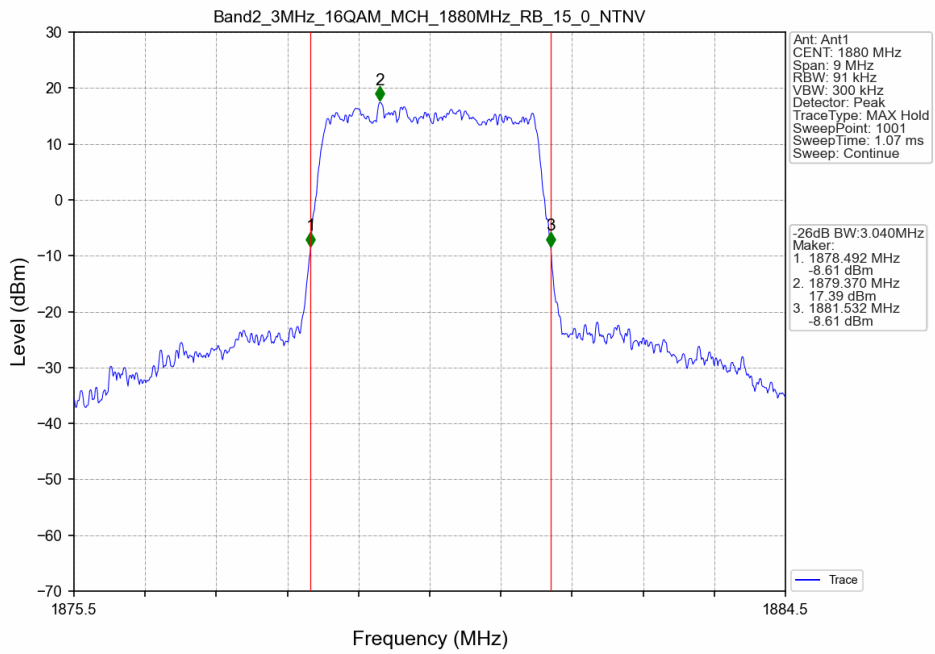
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



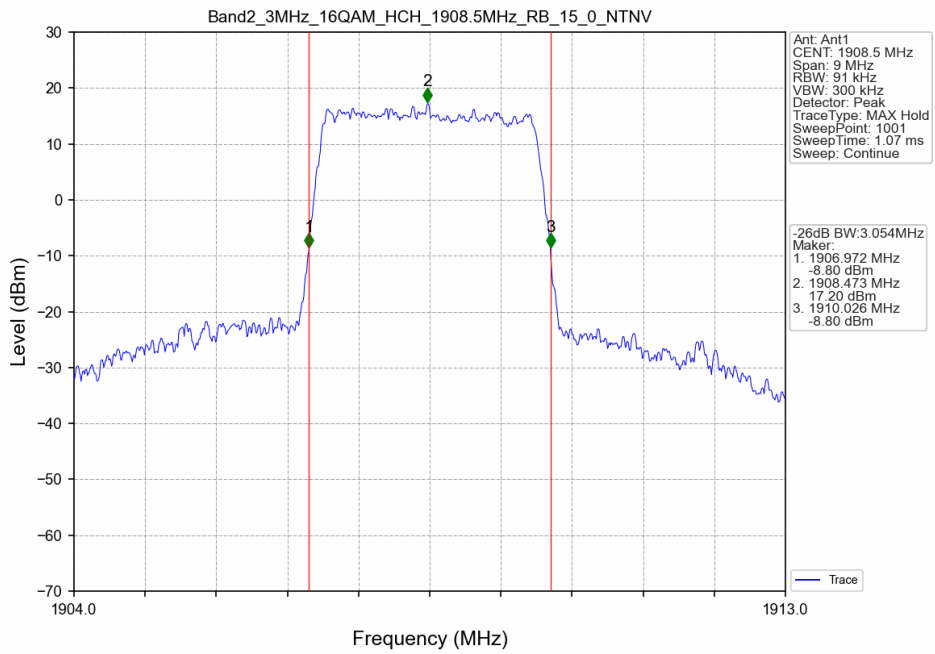
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



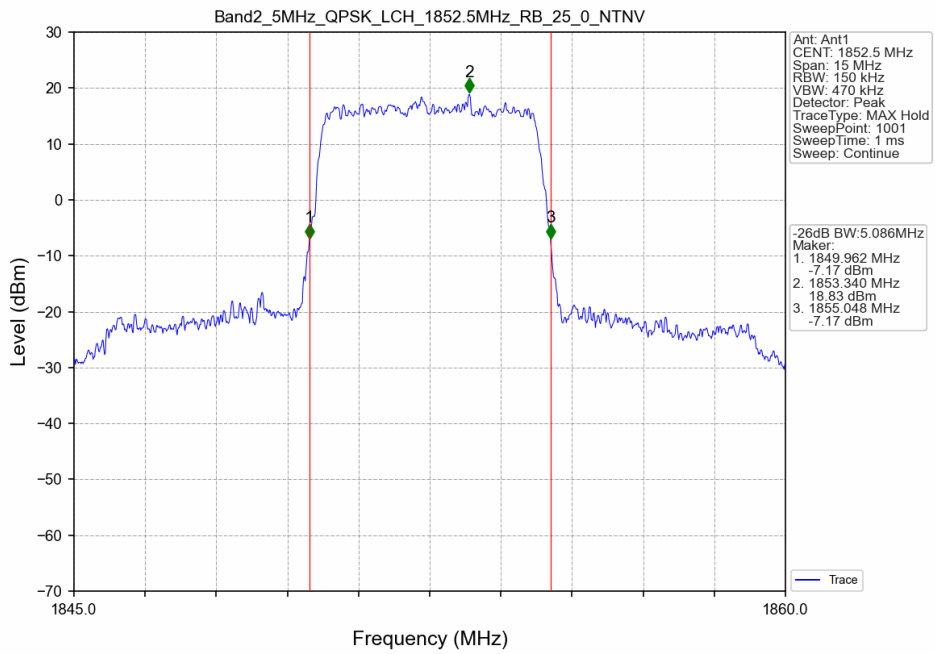
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



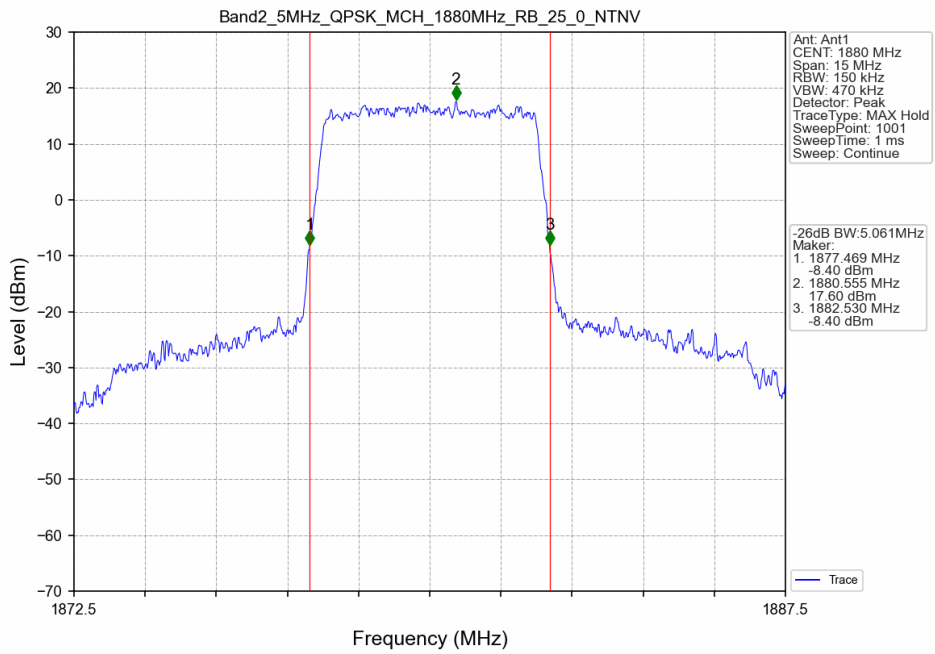
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



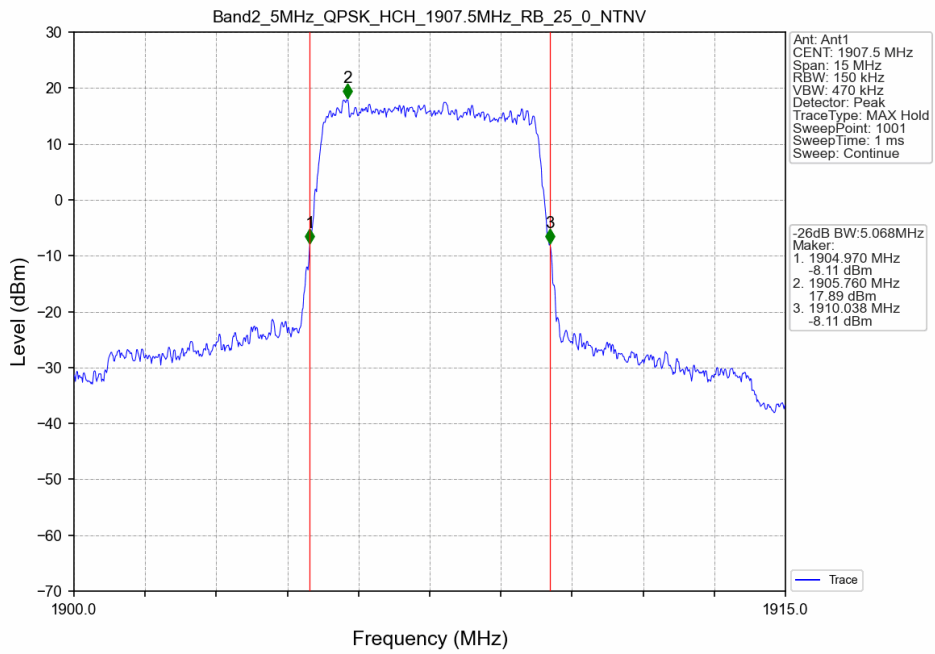
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



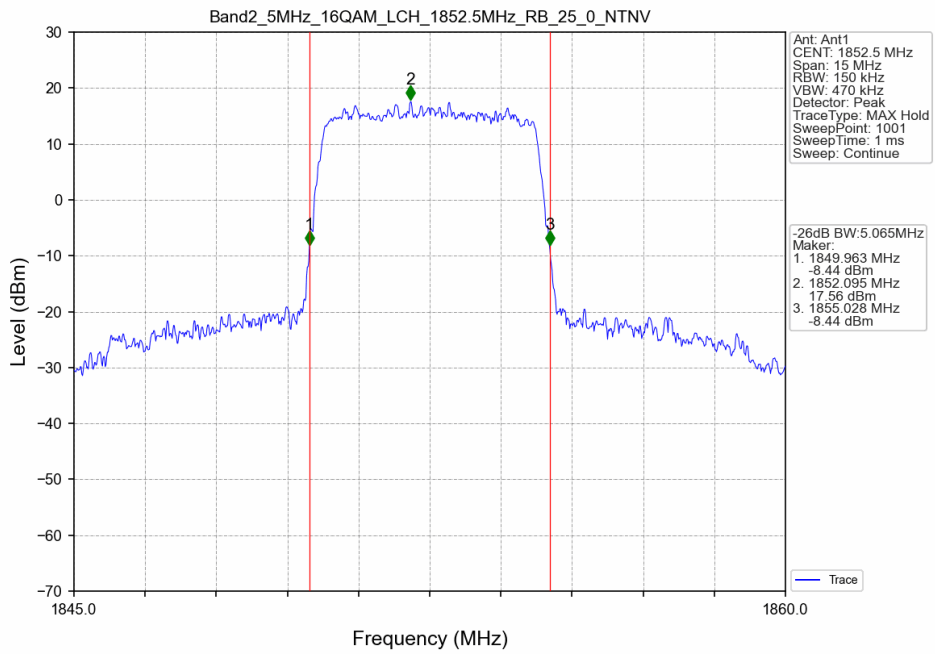
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



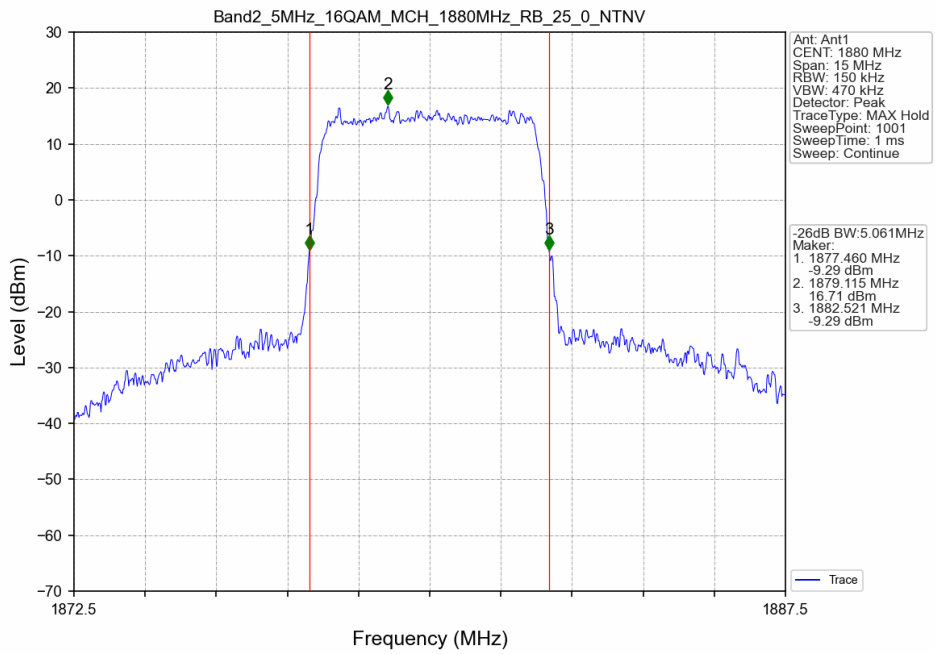
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



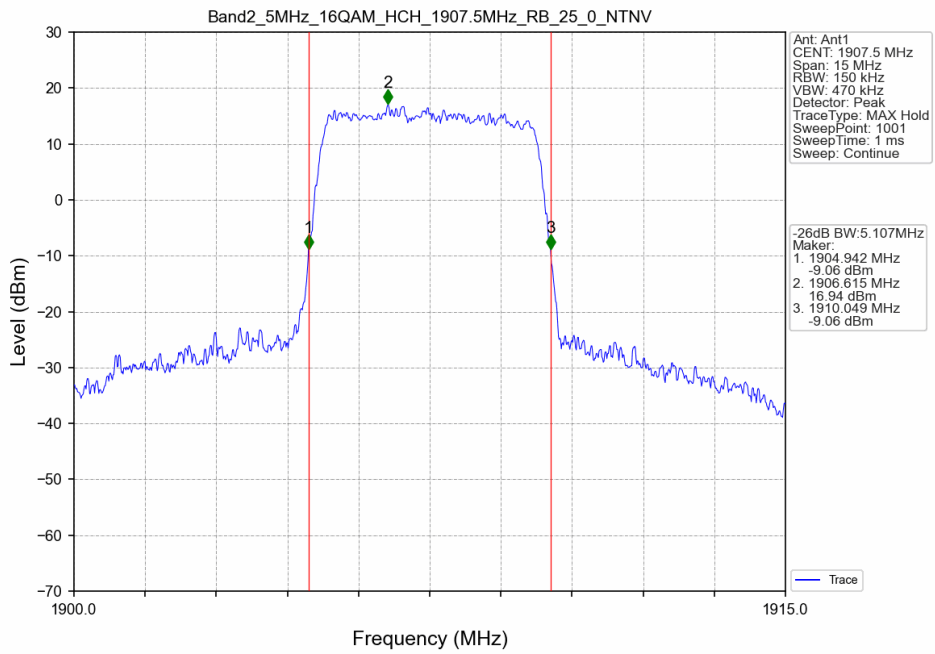
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



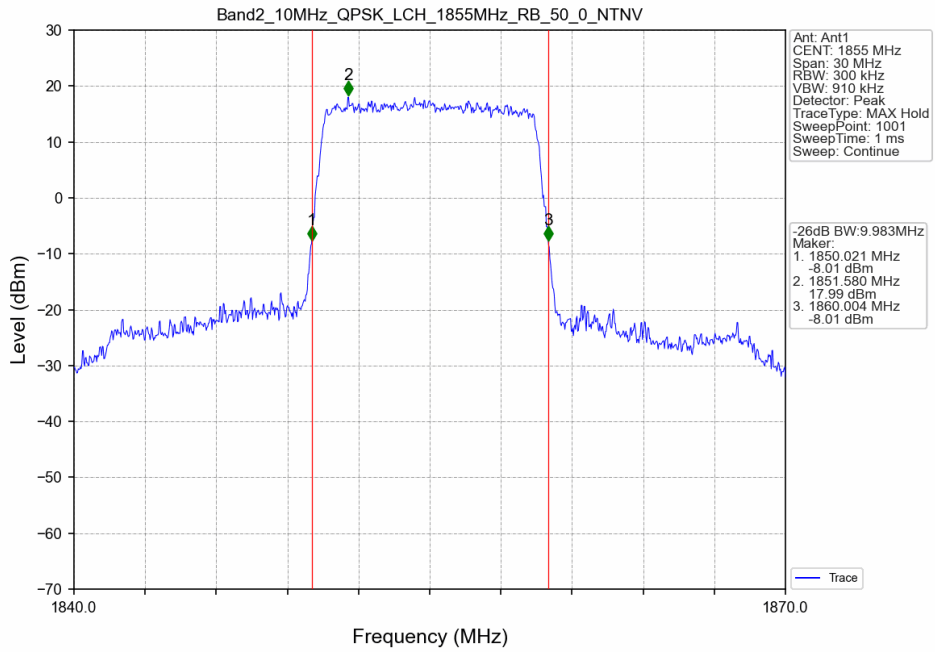
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



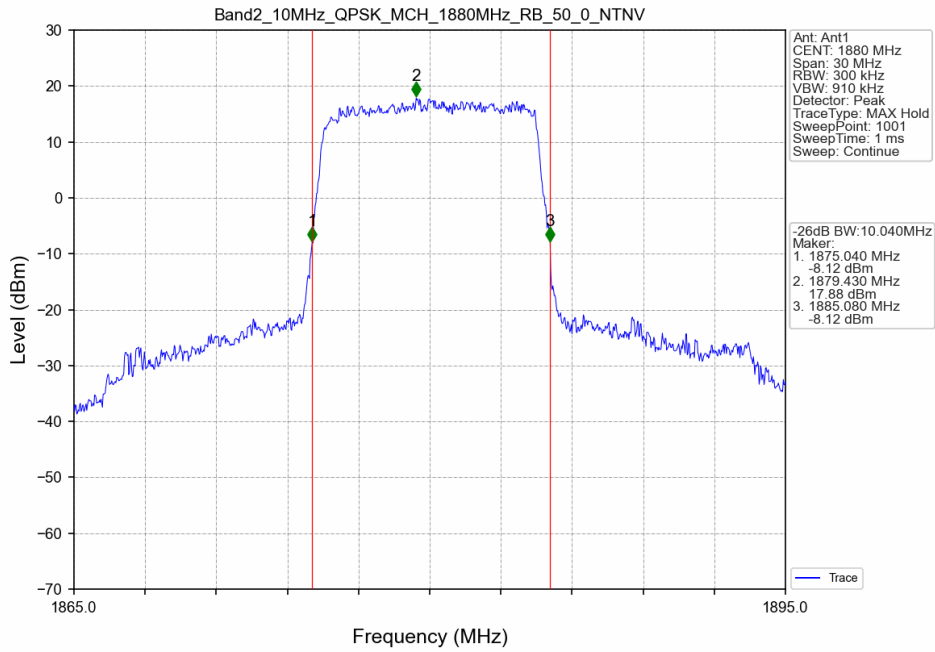
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



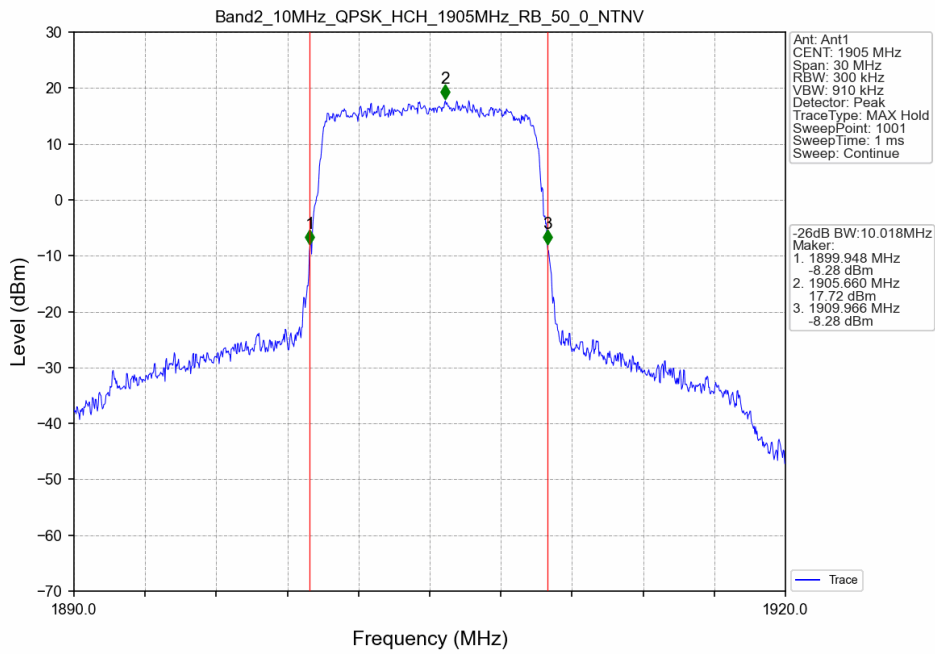
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



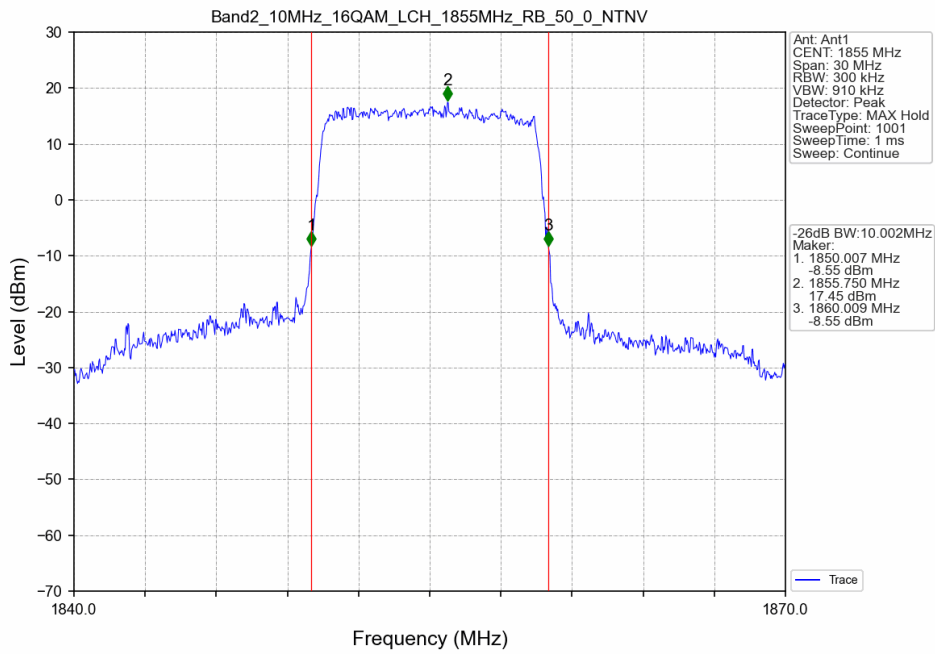
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



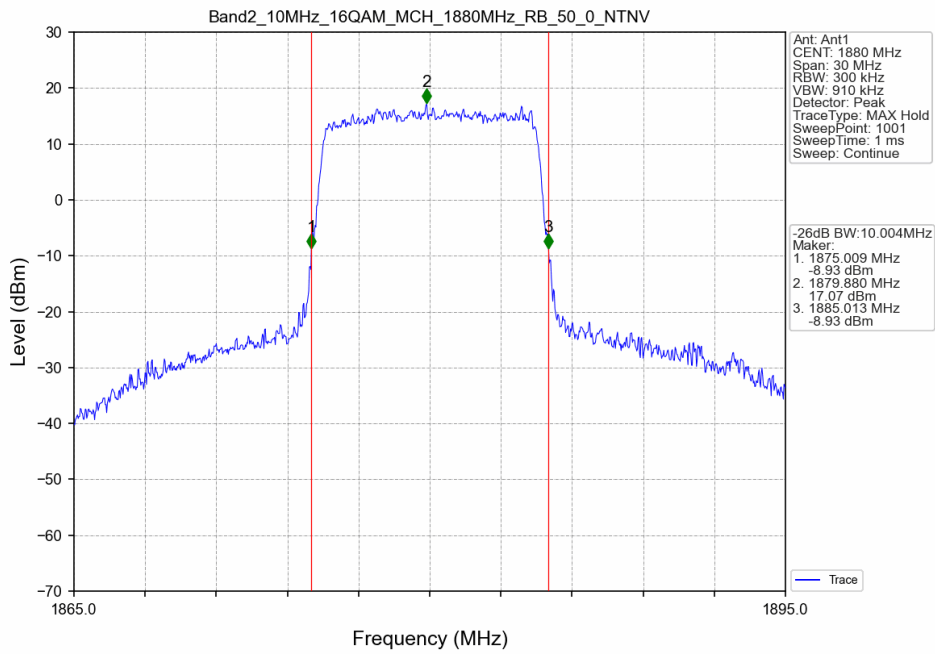
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



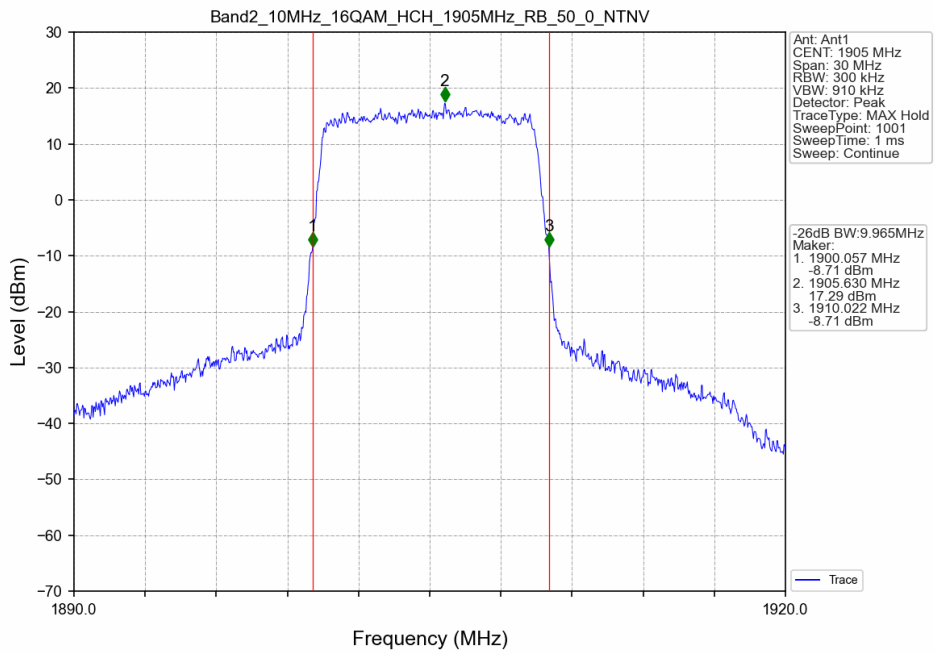
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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

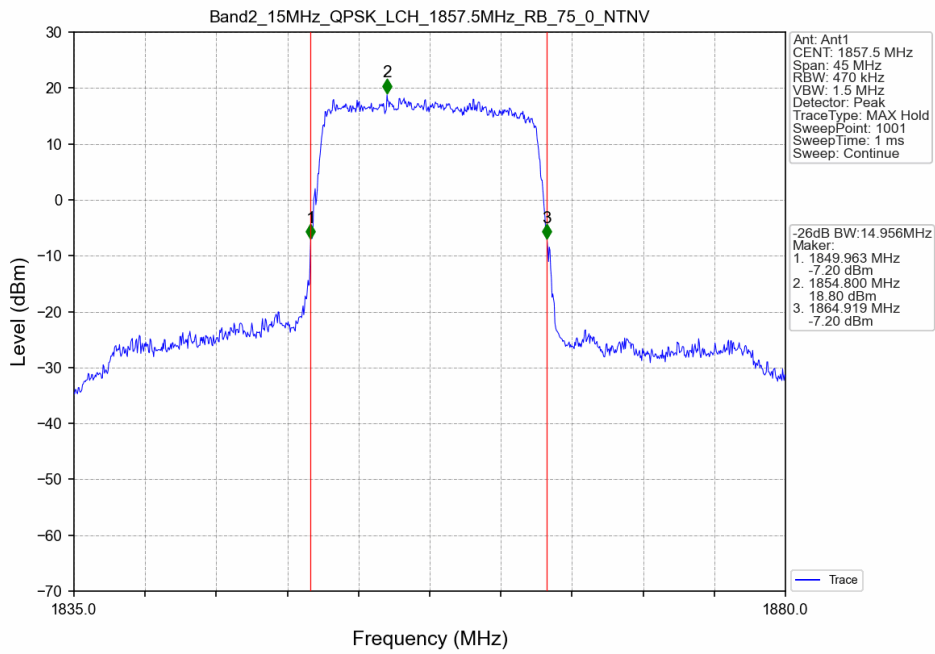


Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

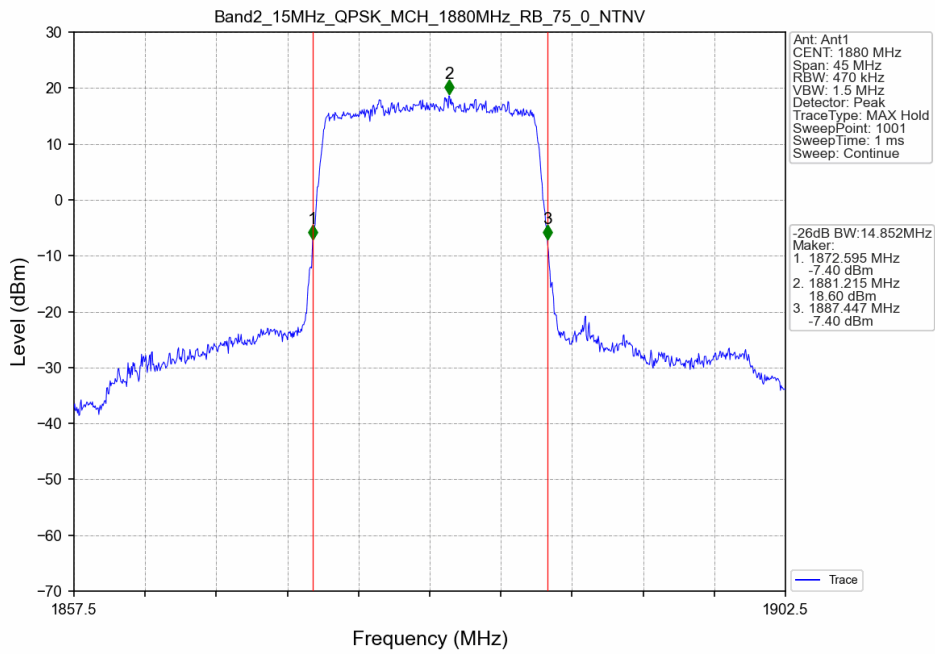




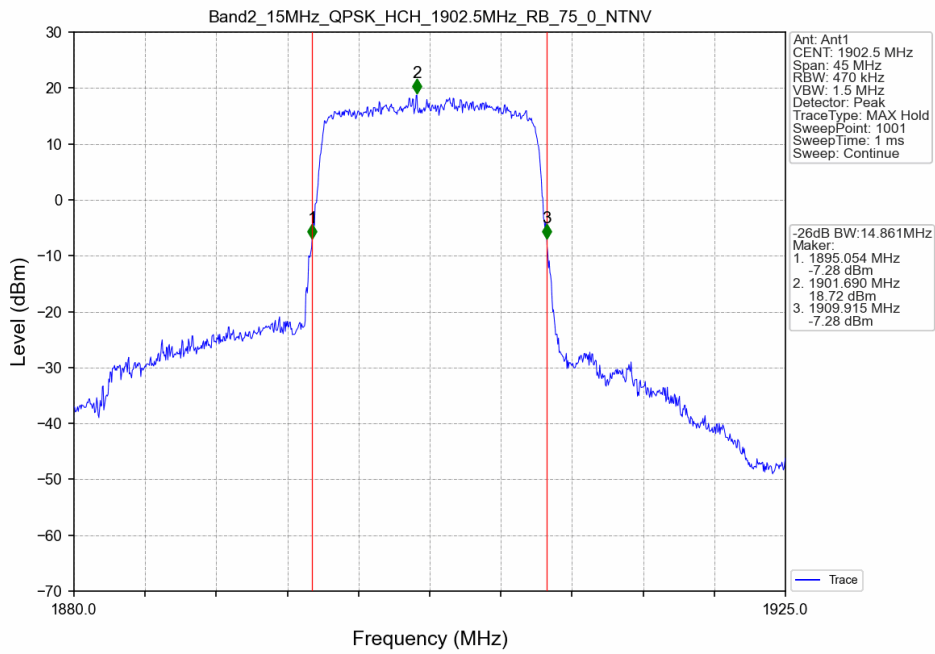
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



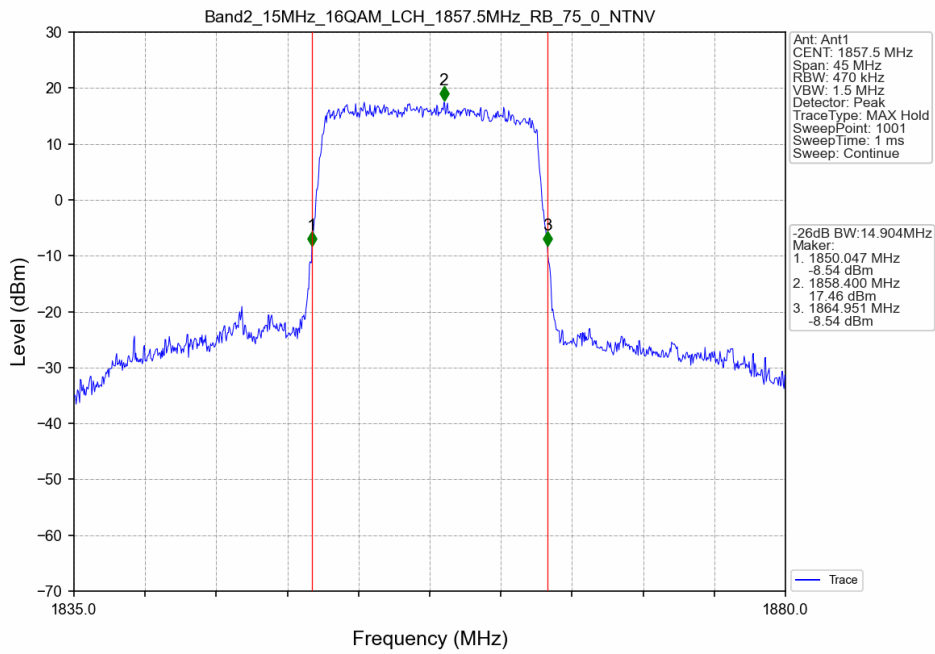
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



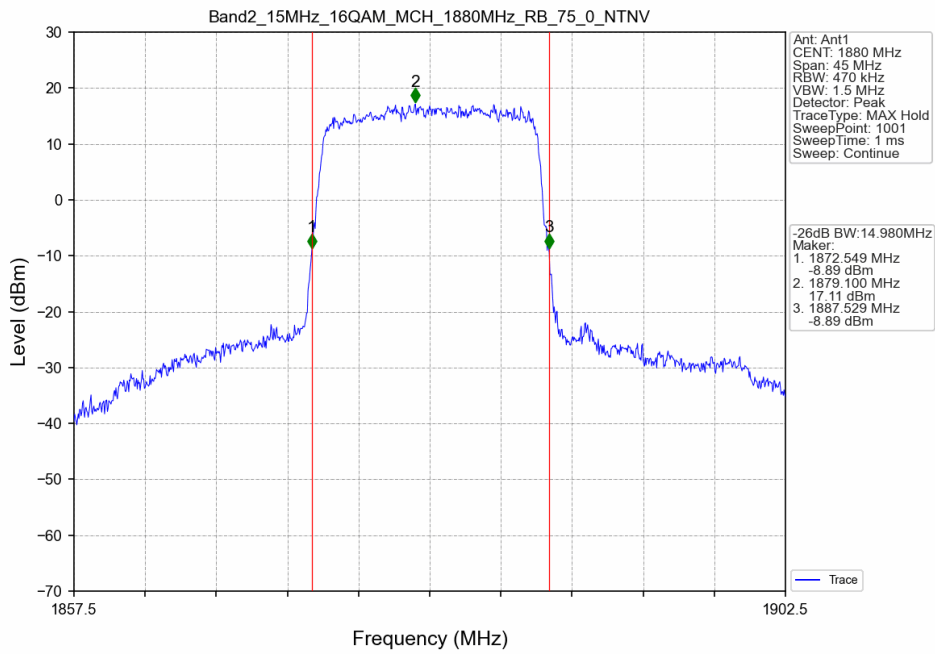
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



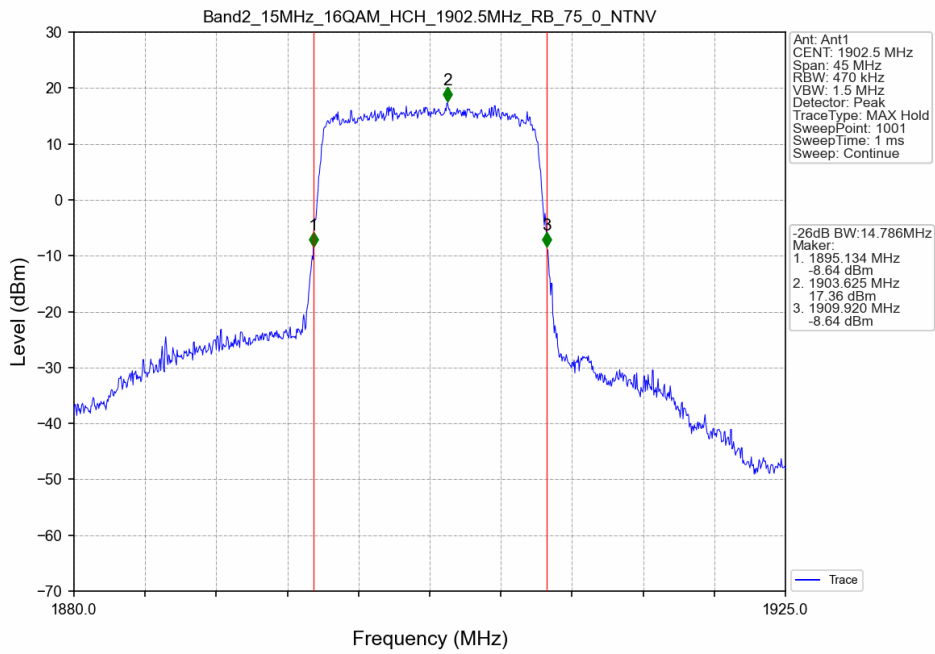
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



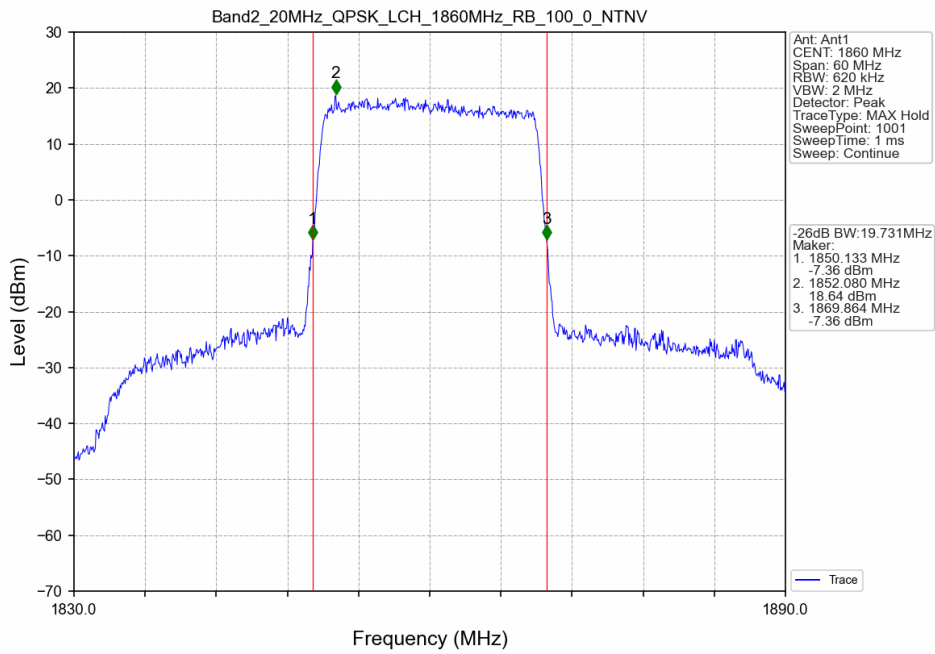
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



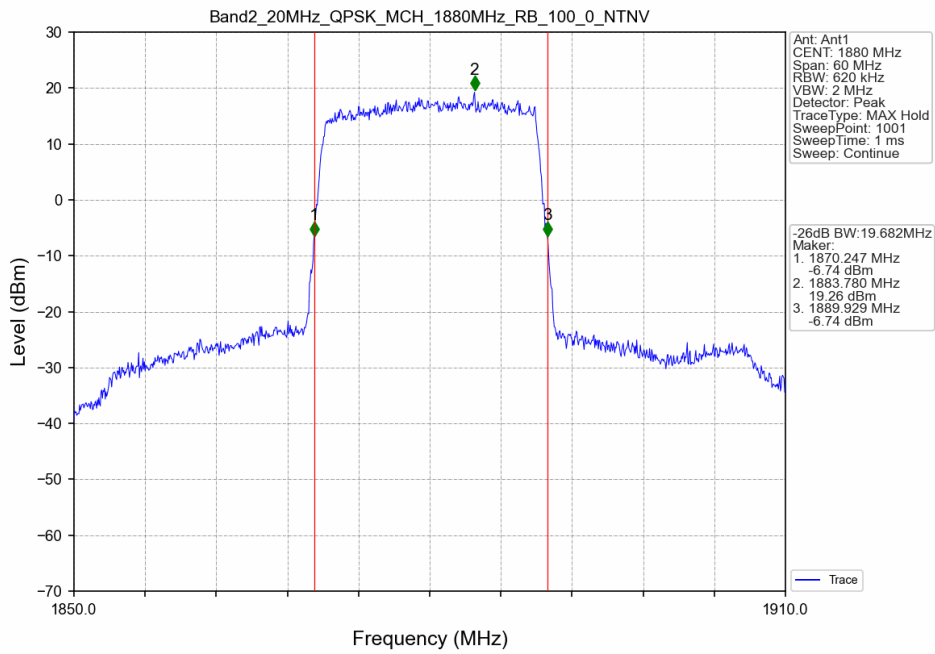
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



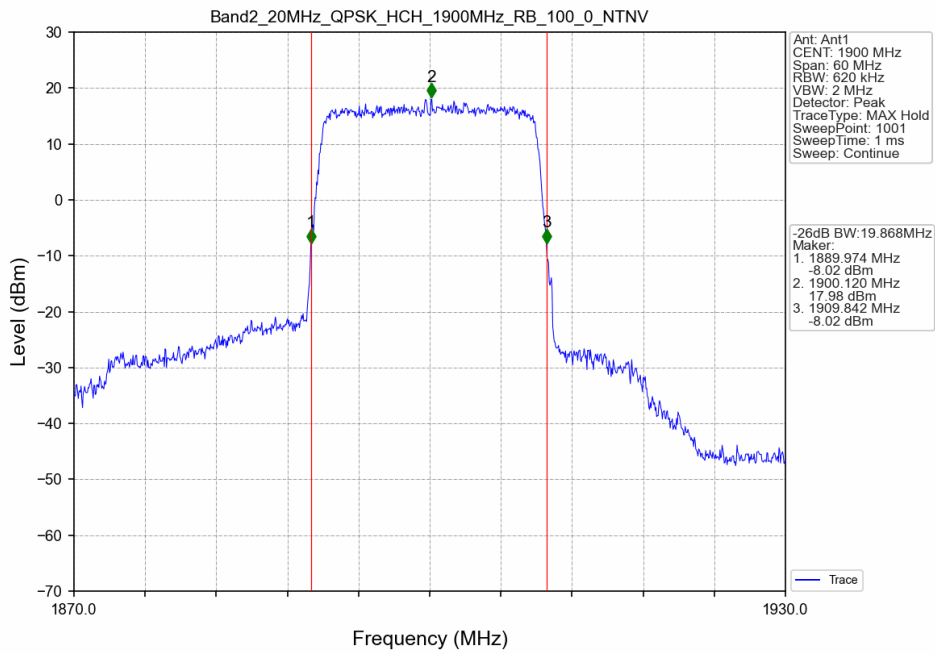
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



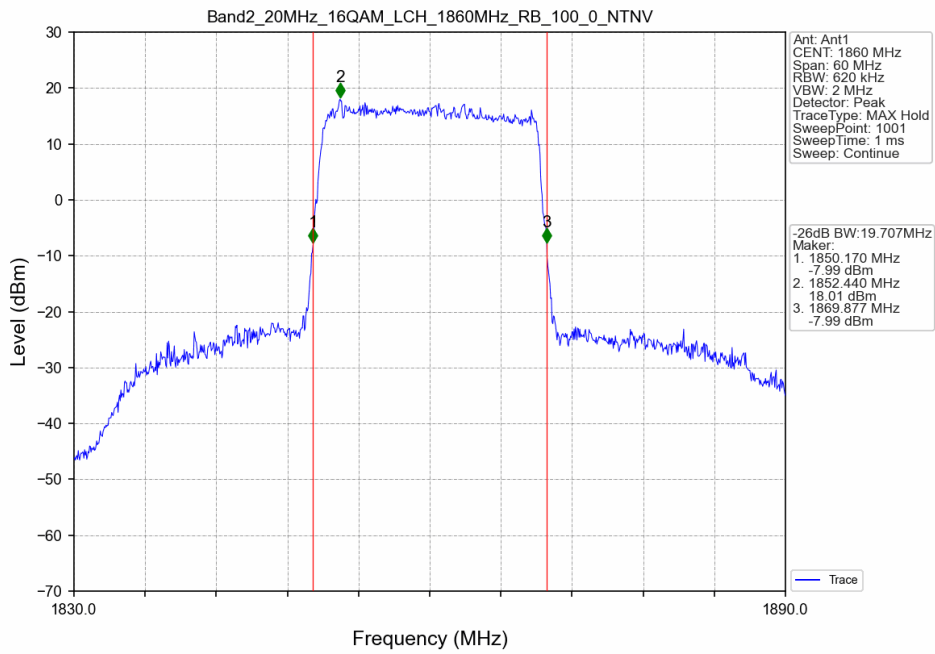
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



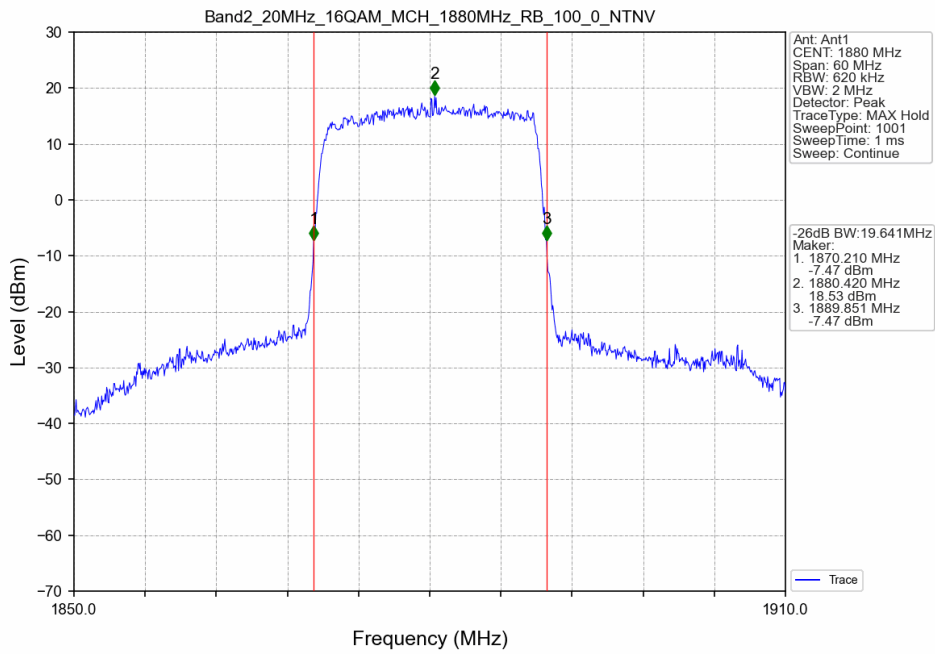
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



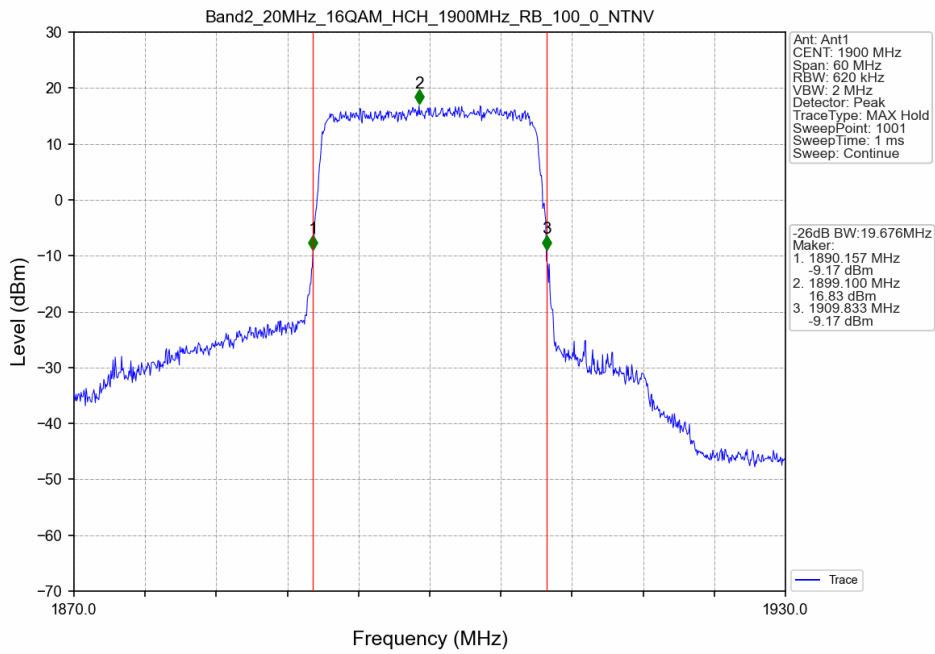
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



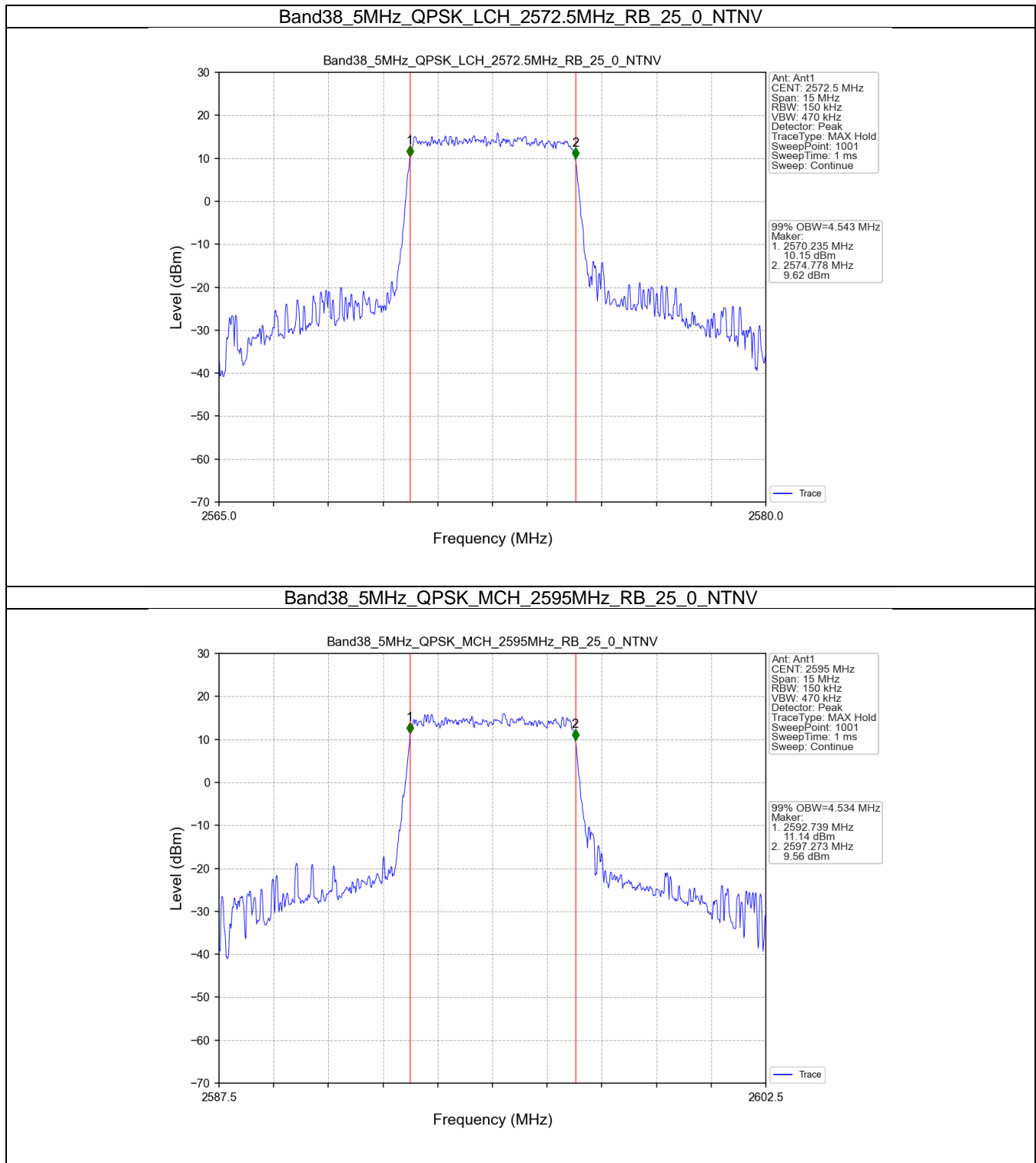
## 2. 99% & 26dB Bandwidth

### 2.1 Band38\_OBW

#### 2.1.1 Test Result

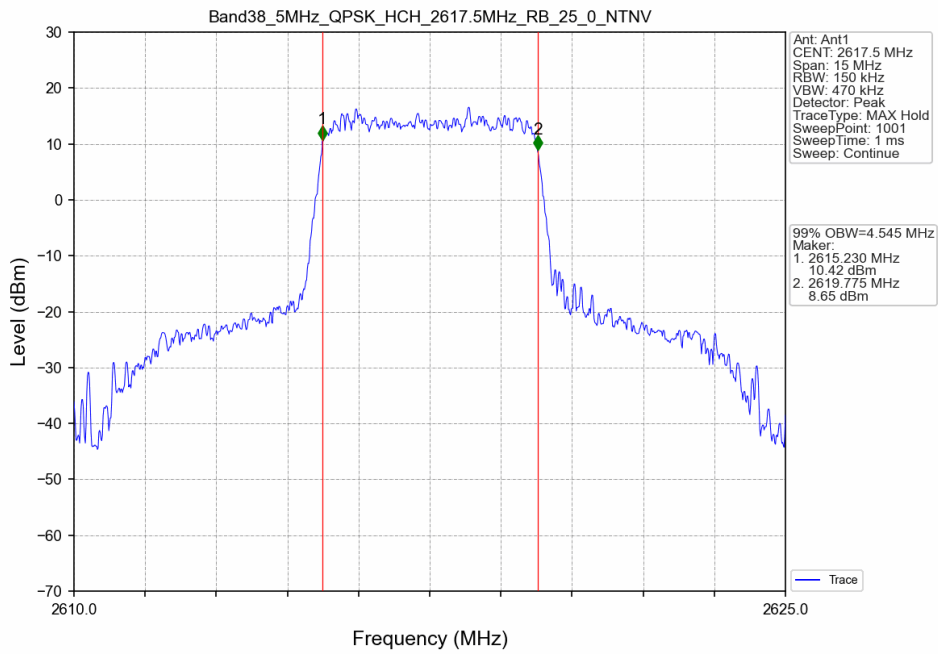
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.543	/	Pass
		2595	25	0	4.534	/	Pass
		2617.5	25	0	4.545	/	Pass
	16QAM	2572.5	25	0	4.570	/	Pass
		2595	25	0	4.536	/	Pass
		2617.5	25	0	4.554	/	Pass
10	QPSK	2575	50	0	9.036	/	Pass
		2595	50	0	9.041	/	Pass
		2615	50	0	9.053	/	Pass
	16QAM	2575	50	0	9.067	/	Pass
		2595	50	0	9.015	/	Pass
		2615	50	0	9.025	/	Pass
15	QPSK	2577.5	75	0	13.585	/	Pass
		2595	75	0	13.506	/	Pass
		2612.5	75	0	13.525	/	Pass
	16QAM	2577.5	75	0	13.586	/	Pass
		2595	75	0	13.546	/	Pass
		2612.5	75	0	13.583	/	Pass
20	QPSK	2580	100	0	18.091	/	Pass
		2595	100	0	18.041	/	Pass
		2610	100	0	18.013	/	Pass
	16QAM	2580	100	0	17.997	/	Pass
		2595	100	0	18.024	/	Pass
		2610	100	0	18.026	/	Pass

## 2.1.2 Test Graph

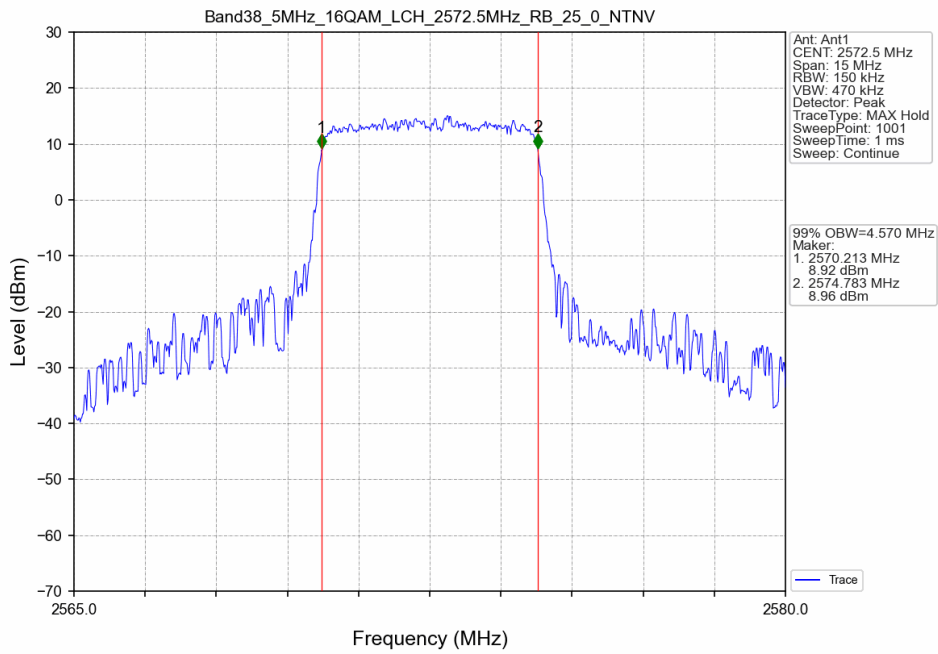




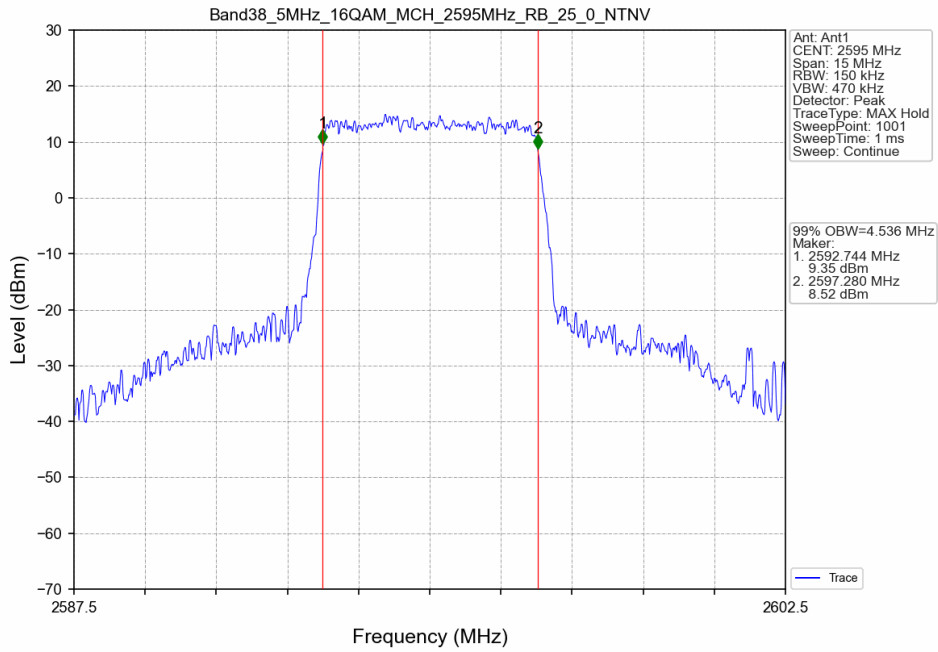
Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



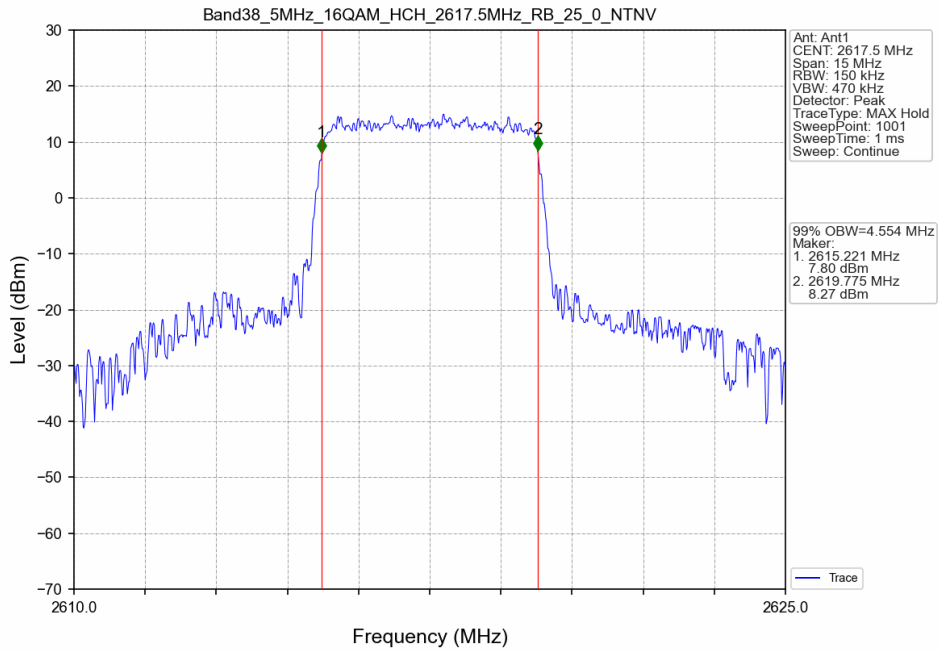
Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV



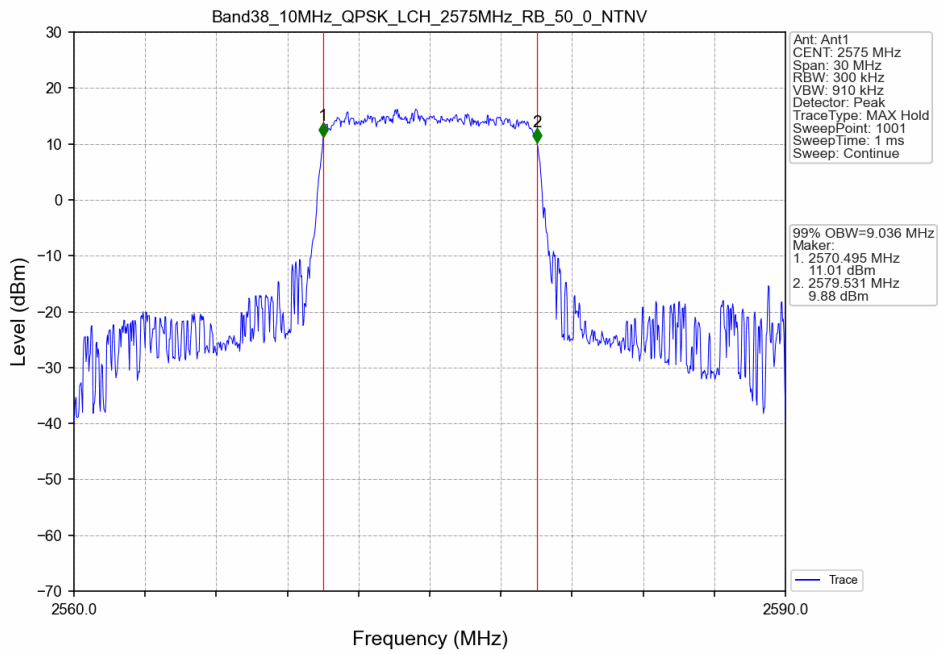
Band38\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_25\_0\_NTNV



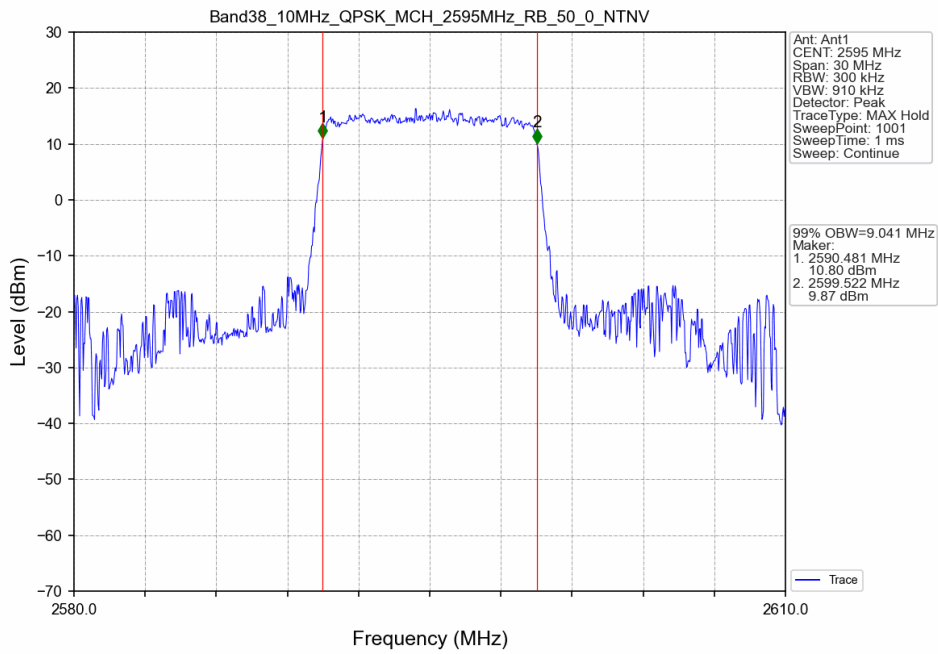
Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



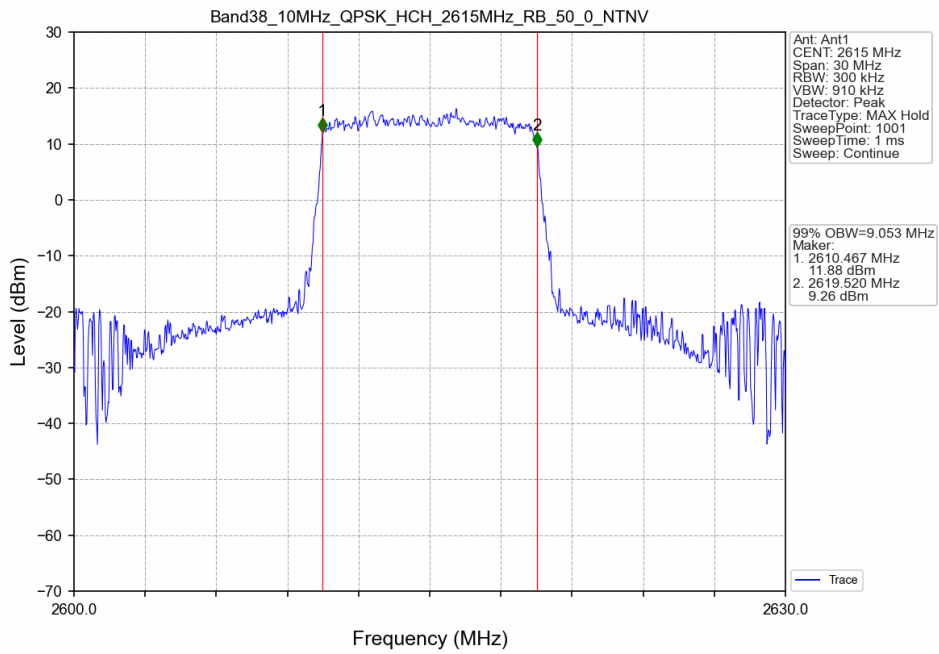
Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV



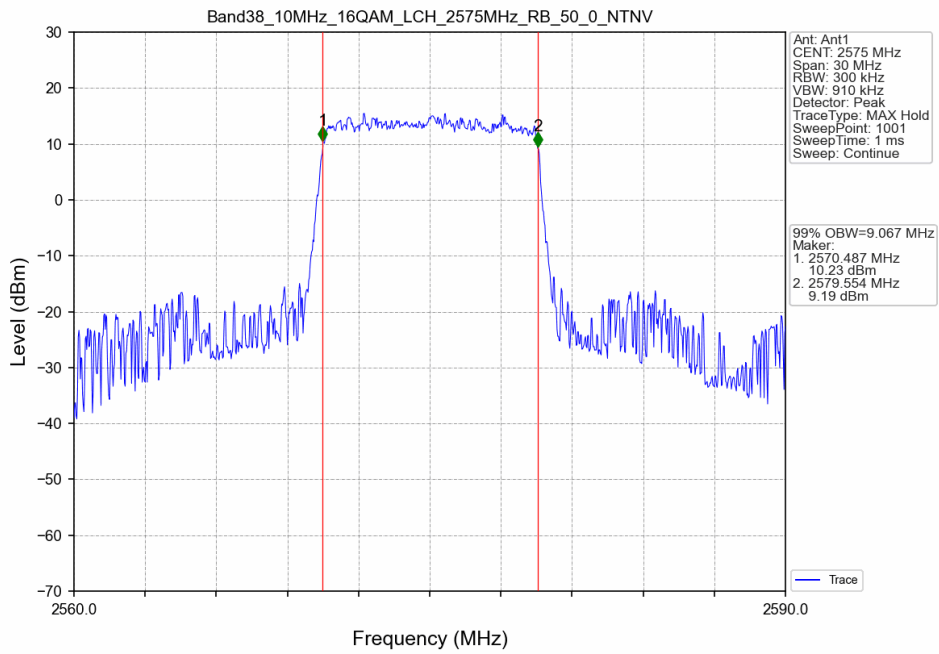
Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_50\_0\_NTNV



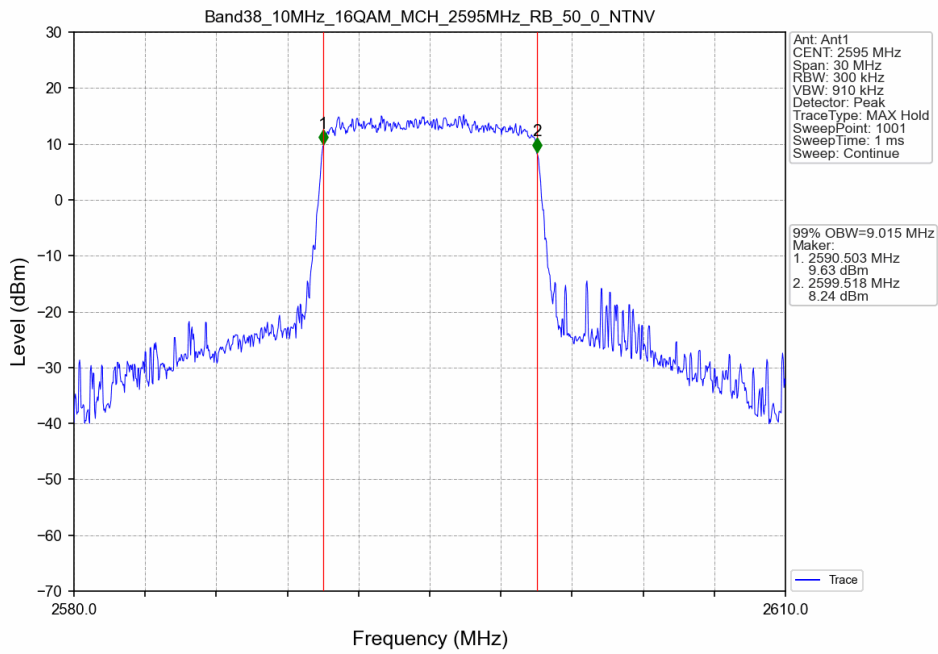
Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



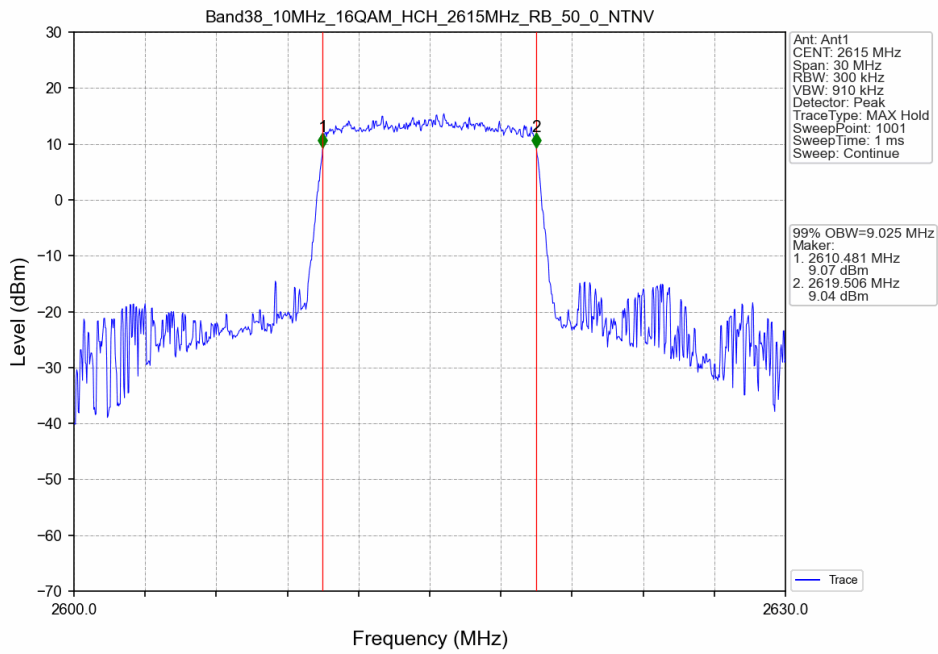
Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV



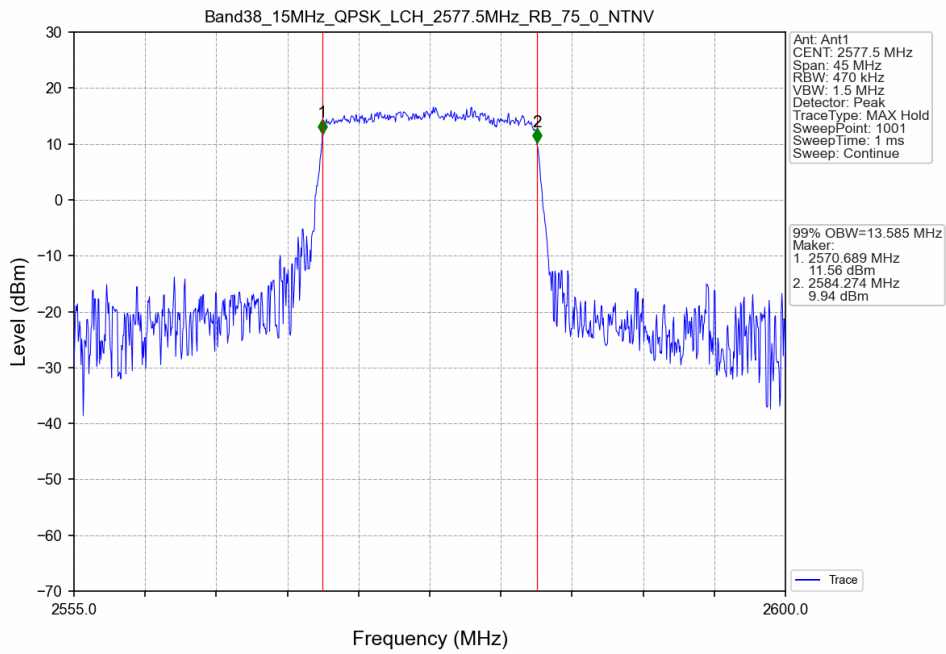
Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV



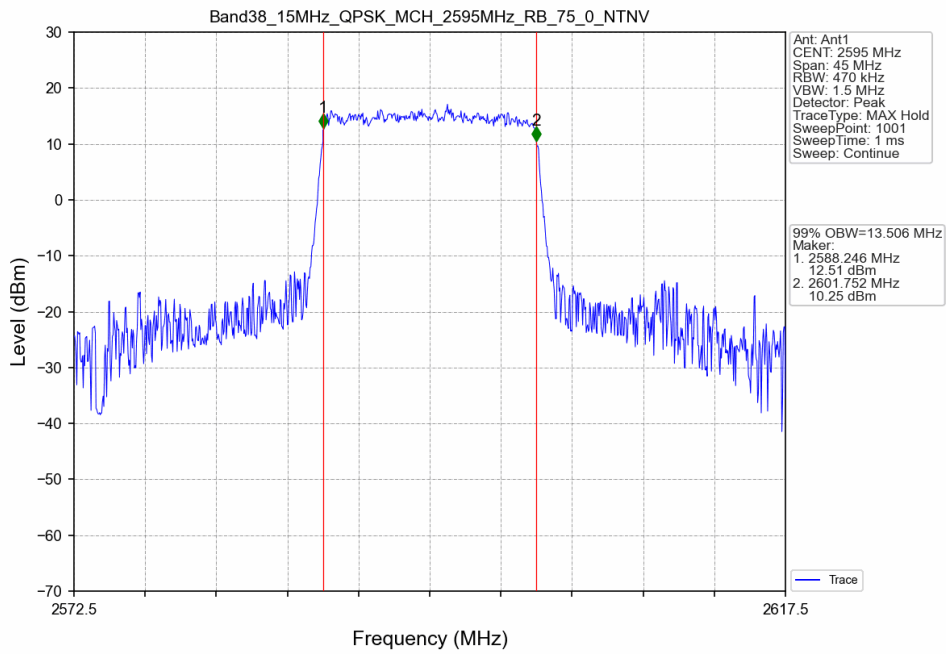
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_50\_0\_NTNV



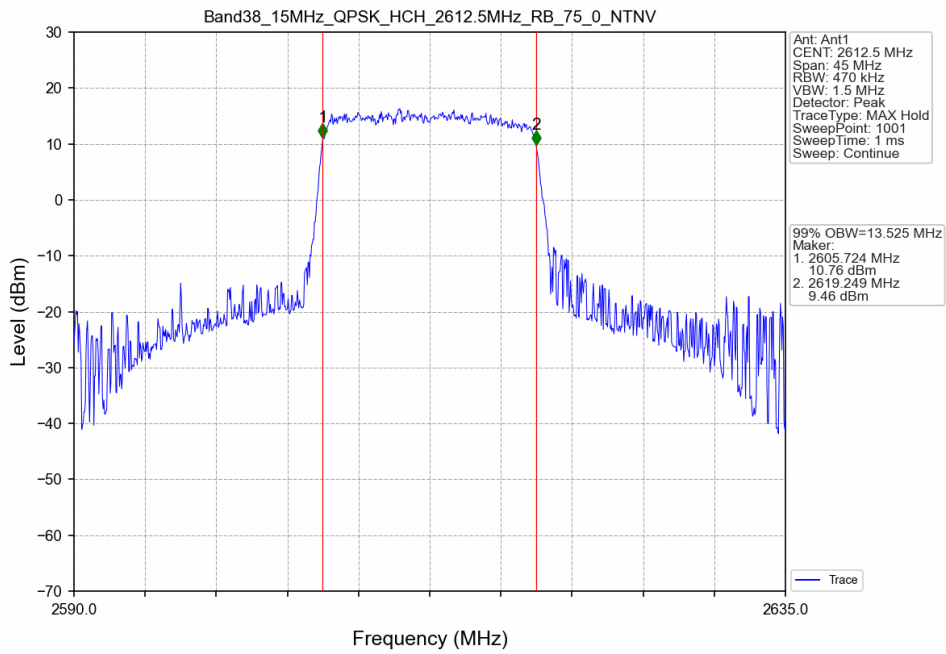
Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



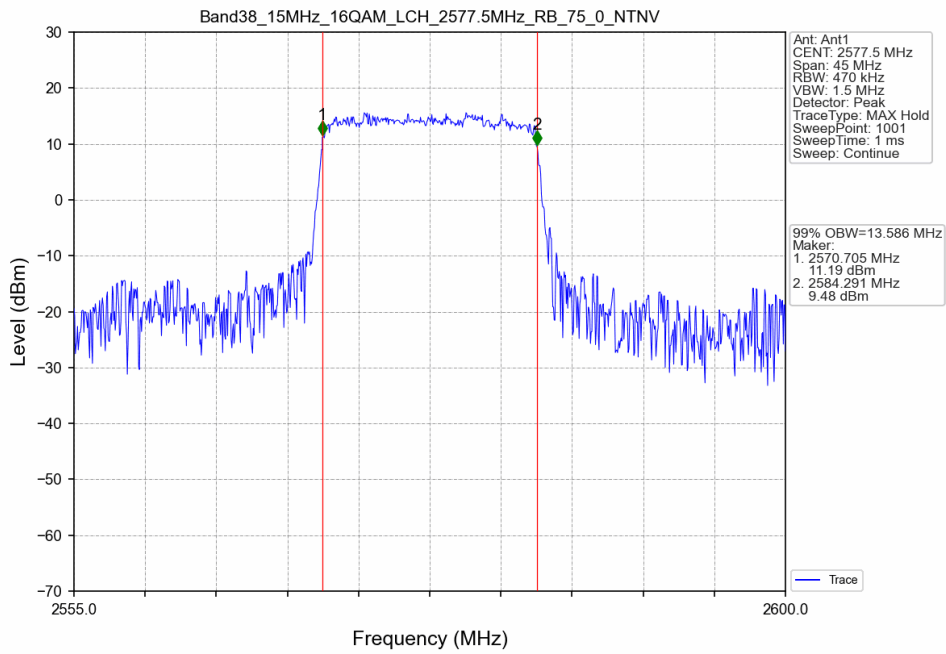
Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_75\_0\_NTNV



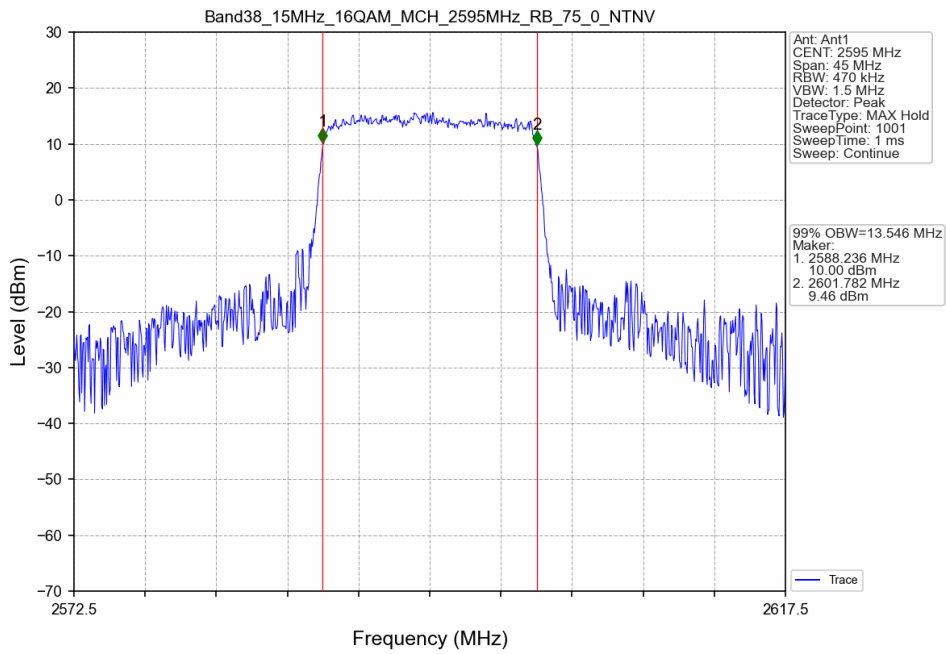
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV



Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV

