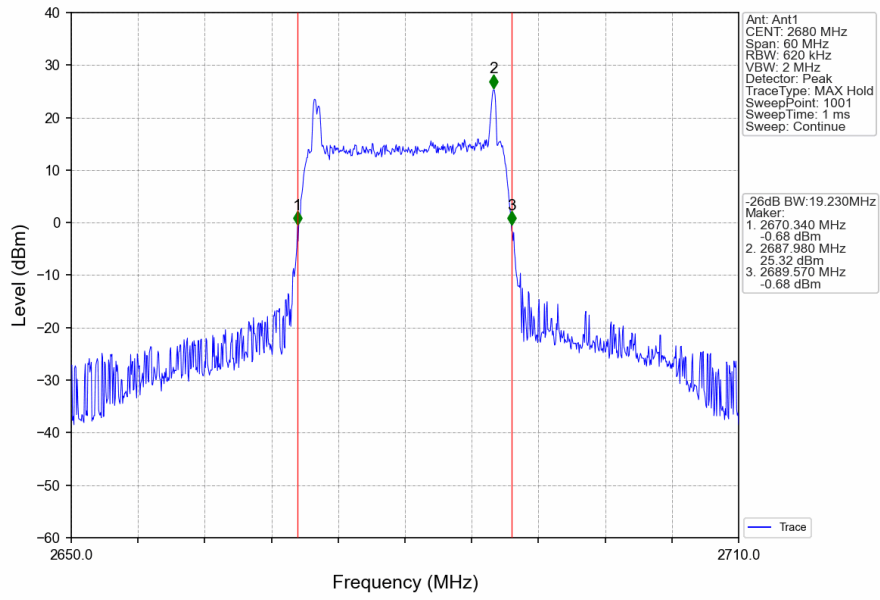
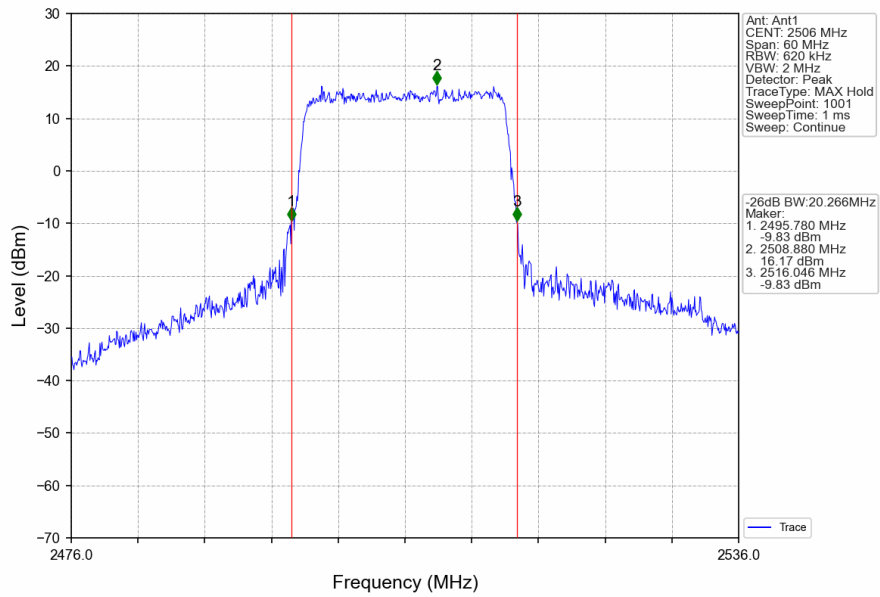


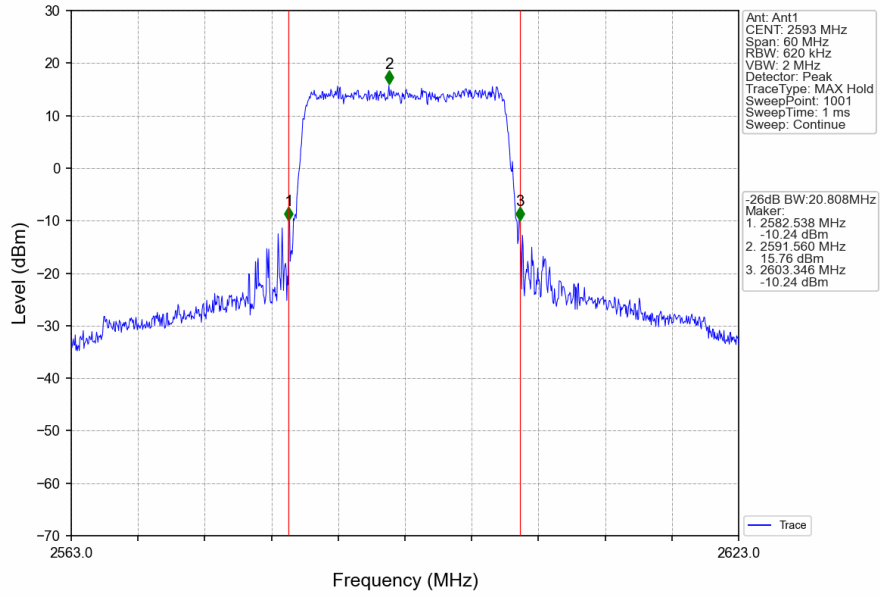
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



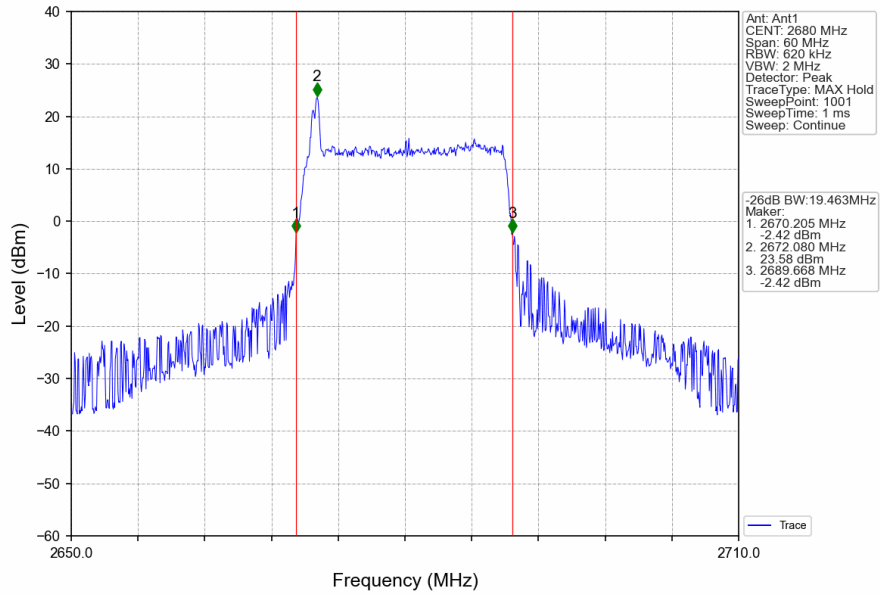
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



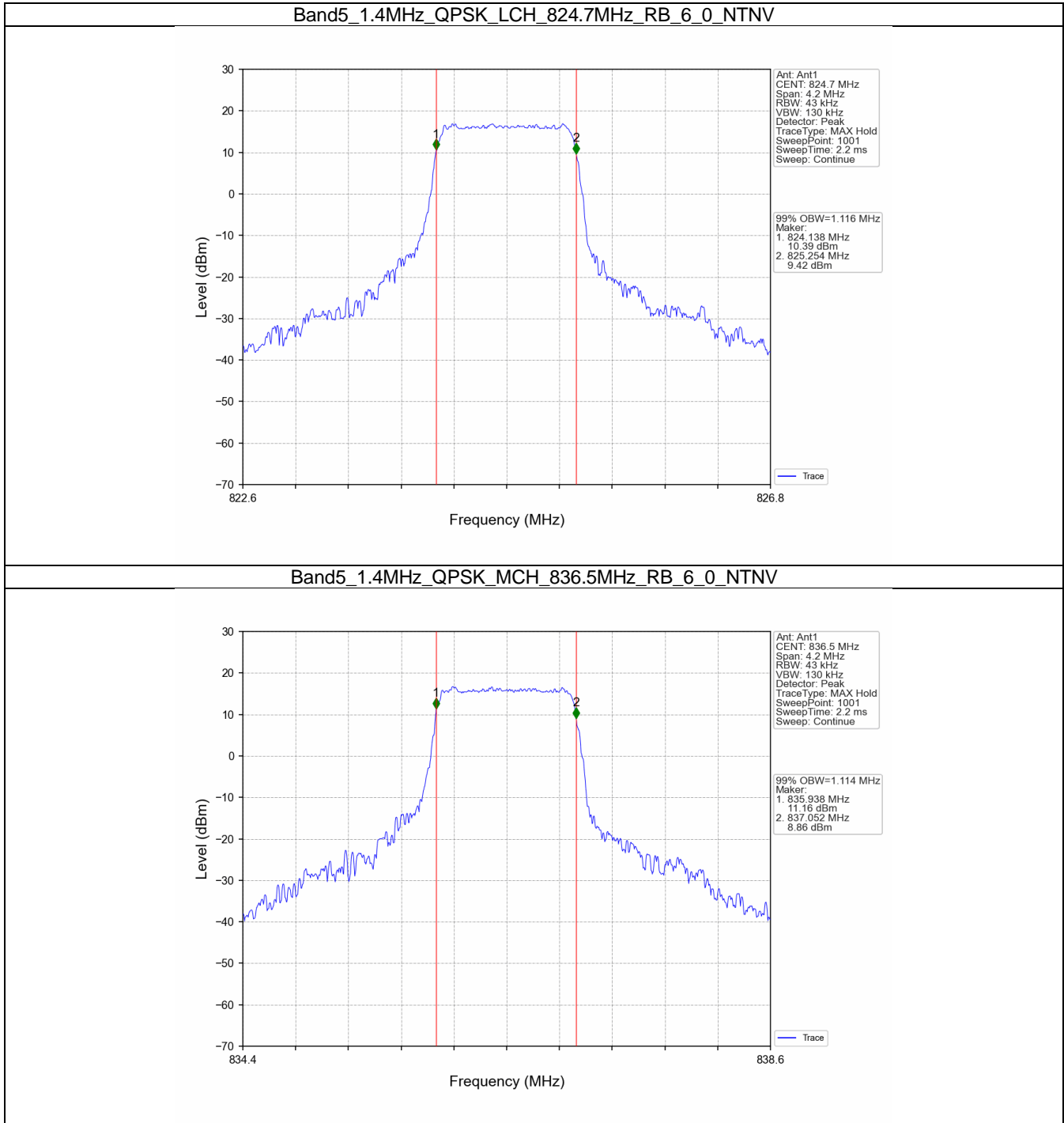
## 7. 99% & 26dB Bandwidth

### 7.1 Band5\_OBW

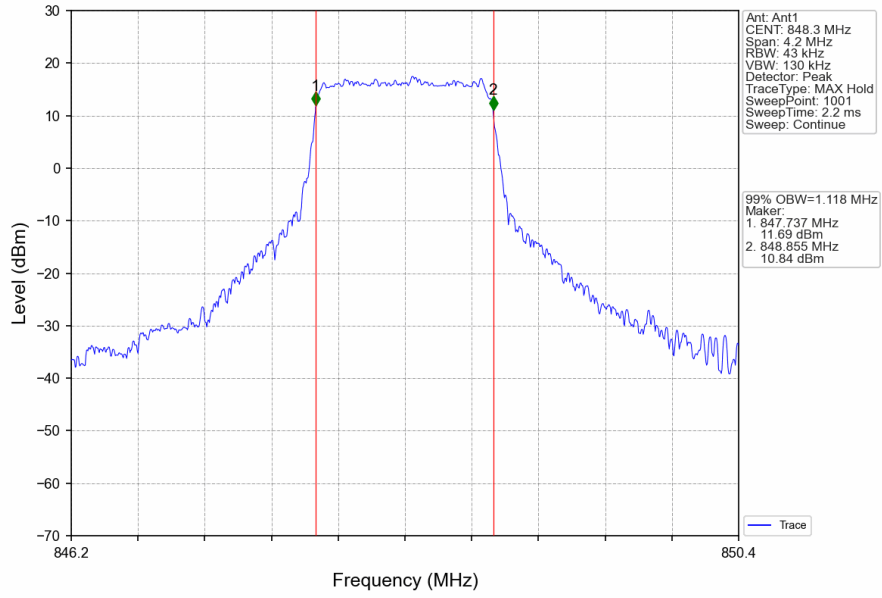
#### 7.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.116	Pass
		836.5	6	0	1.114	Pass
		848.3	6	0	1.118	Pass
	16QAM	824.7	6	0	1.117	Pass
		836.5	6	0	1.120	Pass
		848.3	6	0	1.115	Pass
3	QPSK	825.5	15	0	2.766	Pass
		836.5	15	0	2.765	Pass
		847.5	15	0	2.761	Pass
	16QAM	825.5	15	0	2.783	Pass
		836.5	15	0	2.769	Pass
		847.5	15	0	2.751	Pass
5	QPSK	826.5	25	0	4.600	Pass
		836.5	25	0	4.558	Pass
		846.5	25	0	4.561	Pass
	16QAM	826.5	25	0	4.576	Pass
		836.5	25	0	4.576	Pass
		846.5	25	0	4.621	Pass
10	QPSK	829	50	0	9.089	Pass
		836.5	50	0	9.106	Pass
		844	50	0	9.069	Pass
	16QAM	829	50	0	9.062	Pass
		836.5	50	0	9.104	Pass
		844	50	0	9.083	Pass

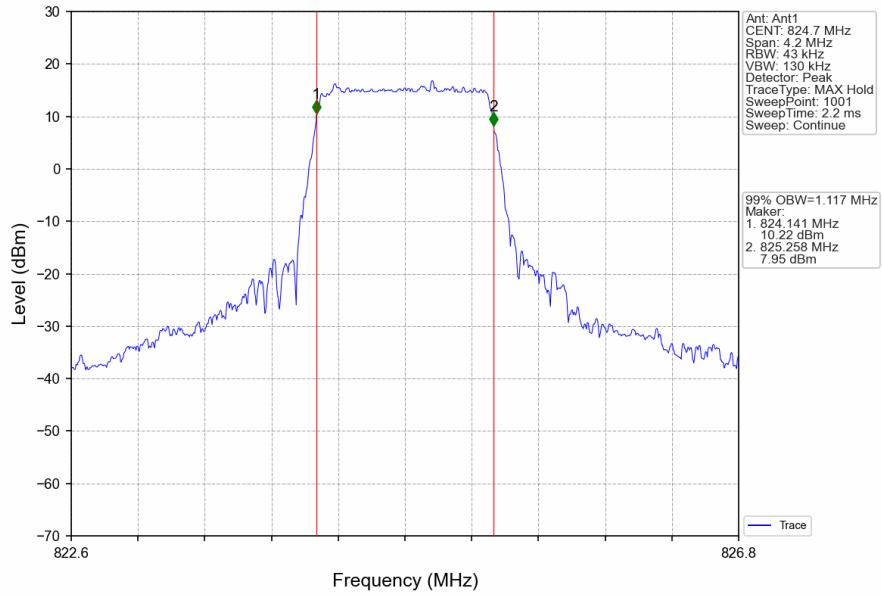
### 7.1.2 Test Graph



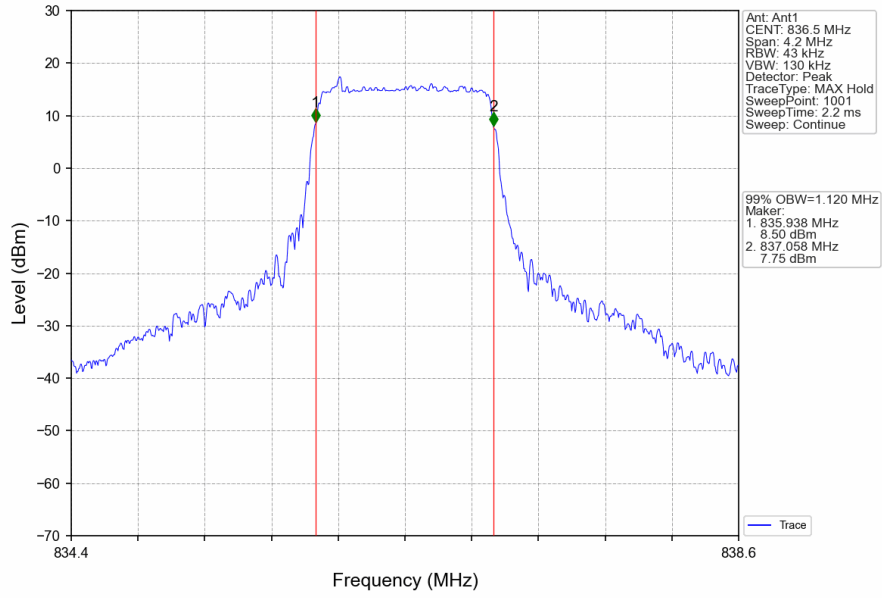
Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



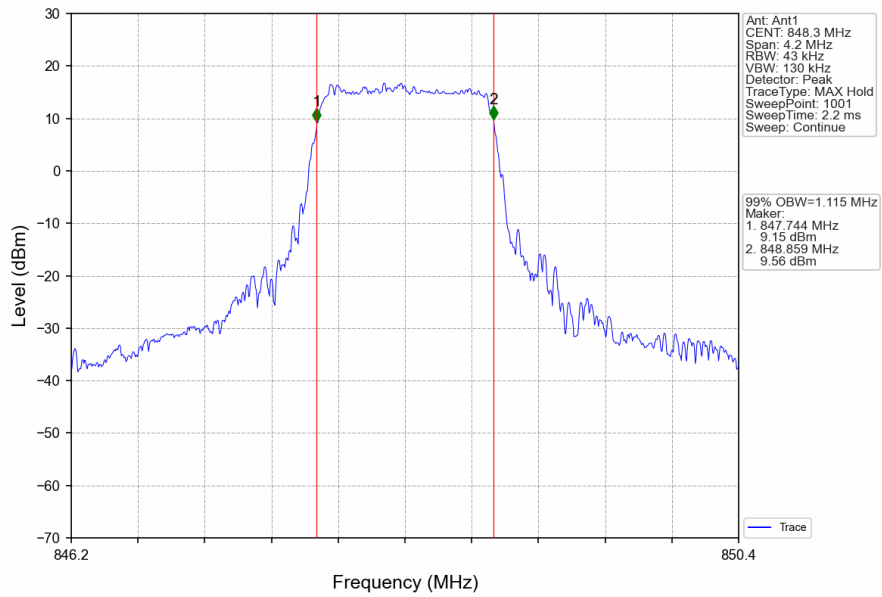
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



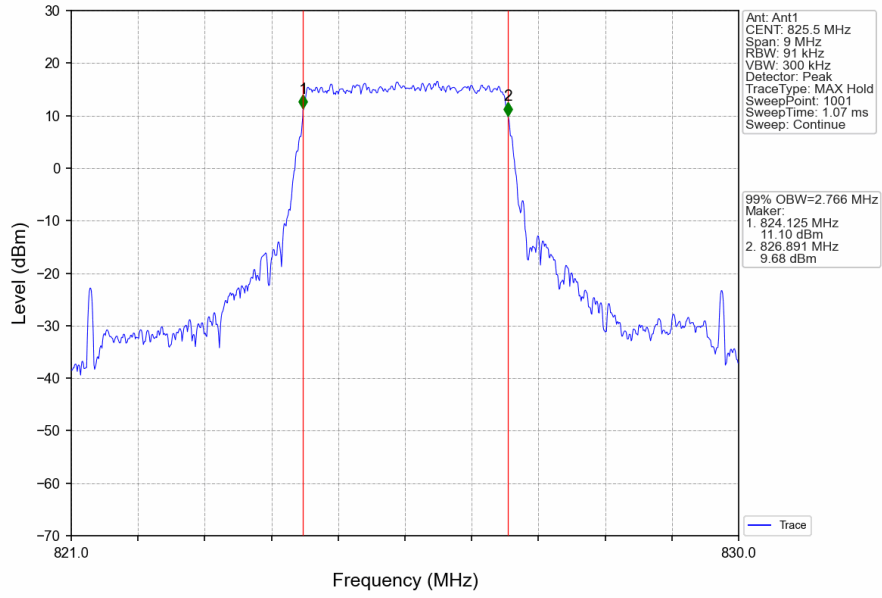
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



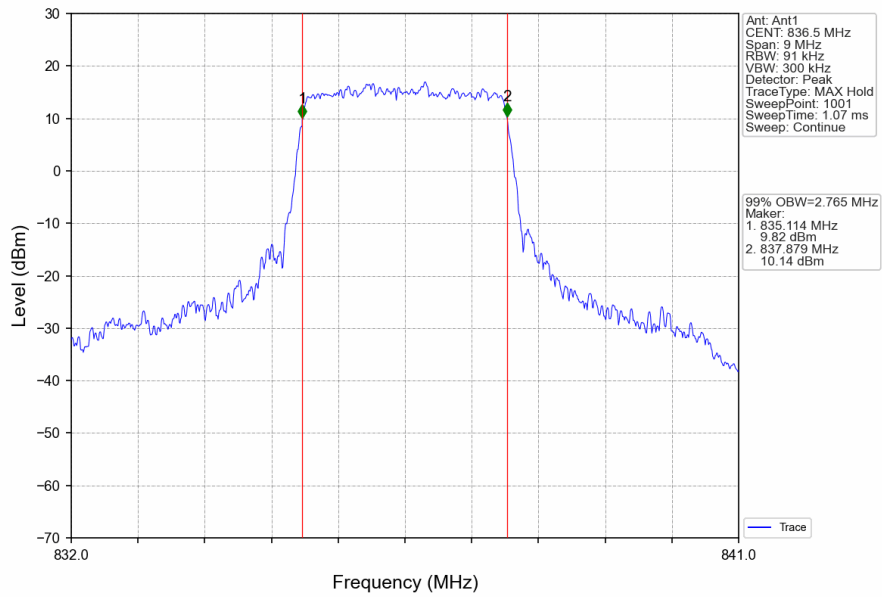
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



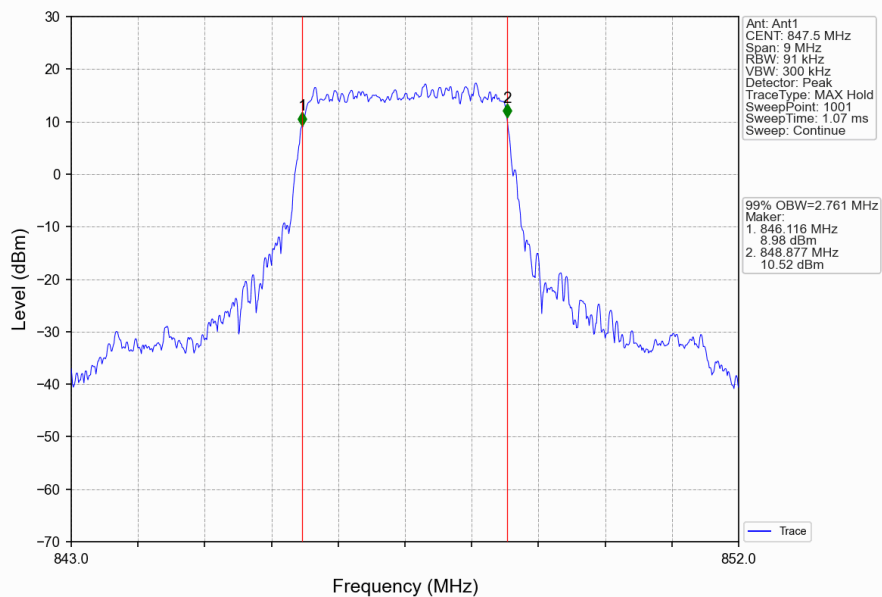
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



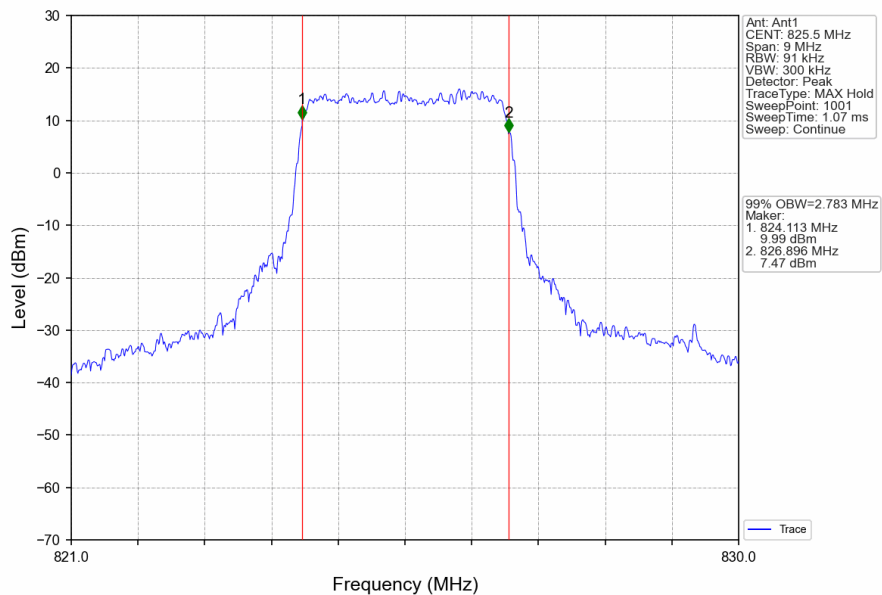
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



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

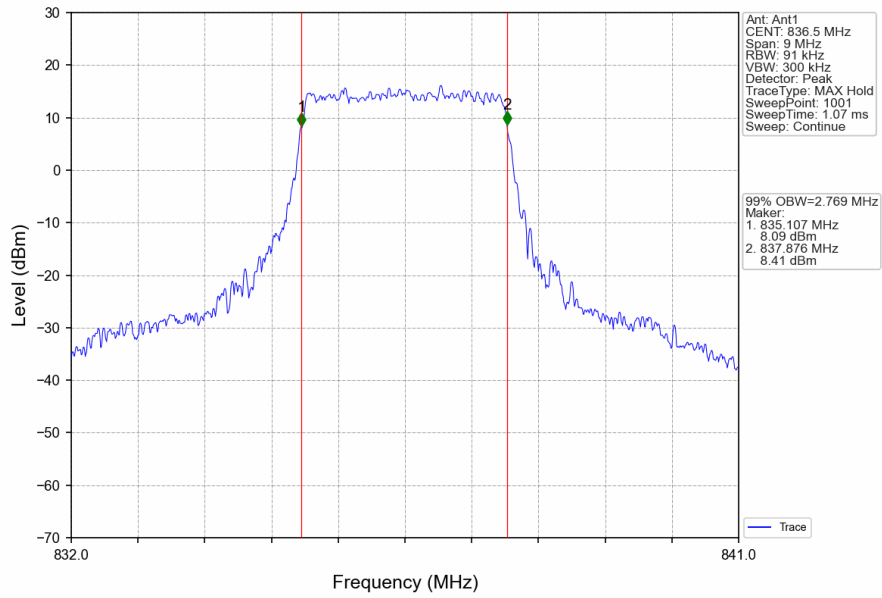


Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

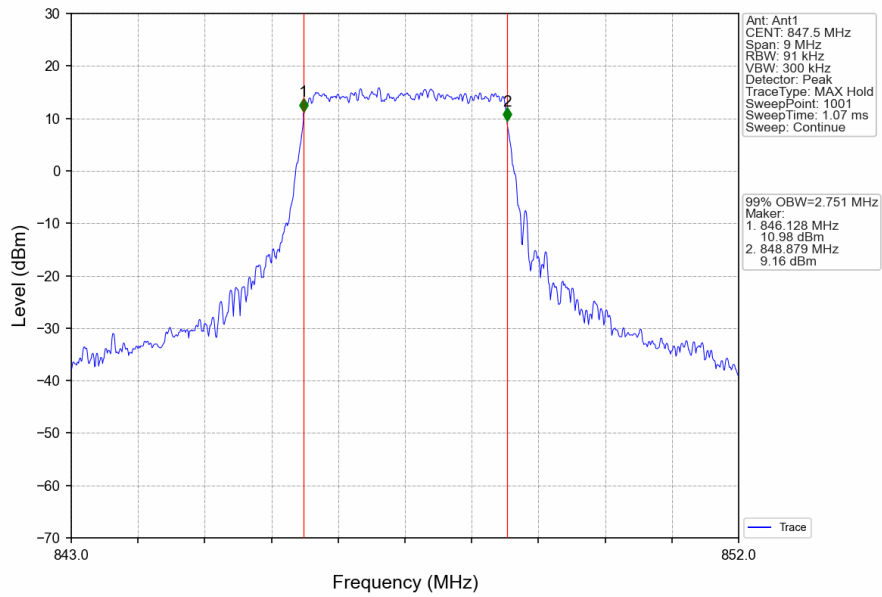




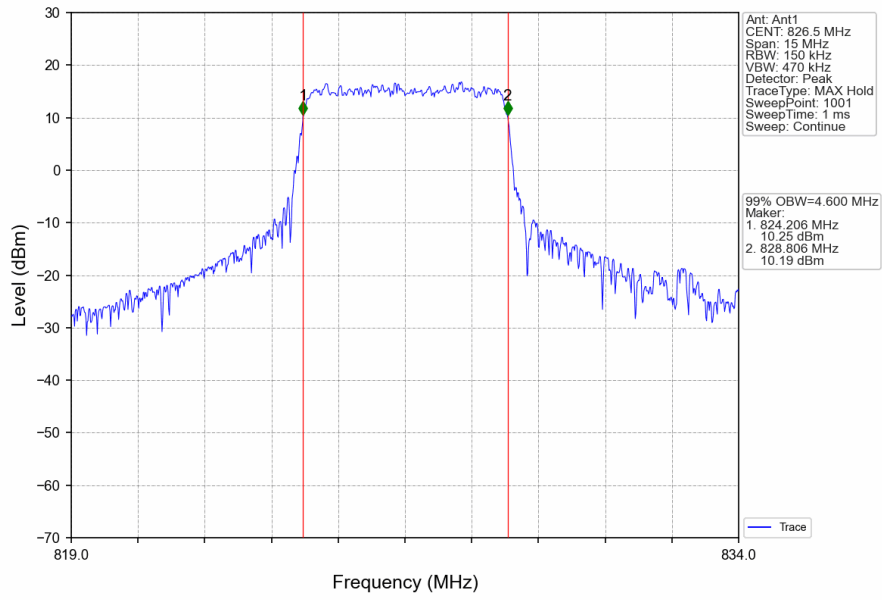
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



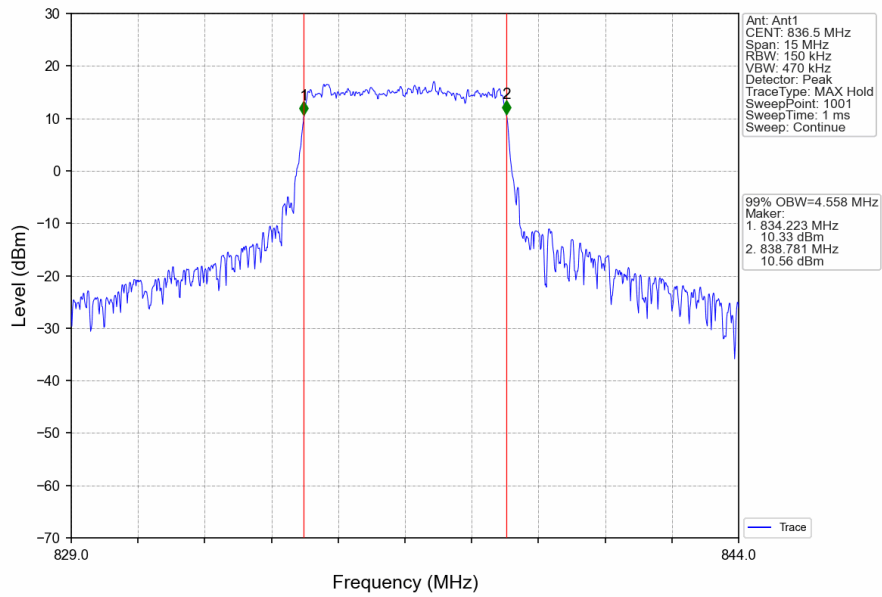
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



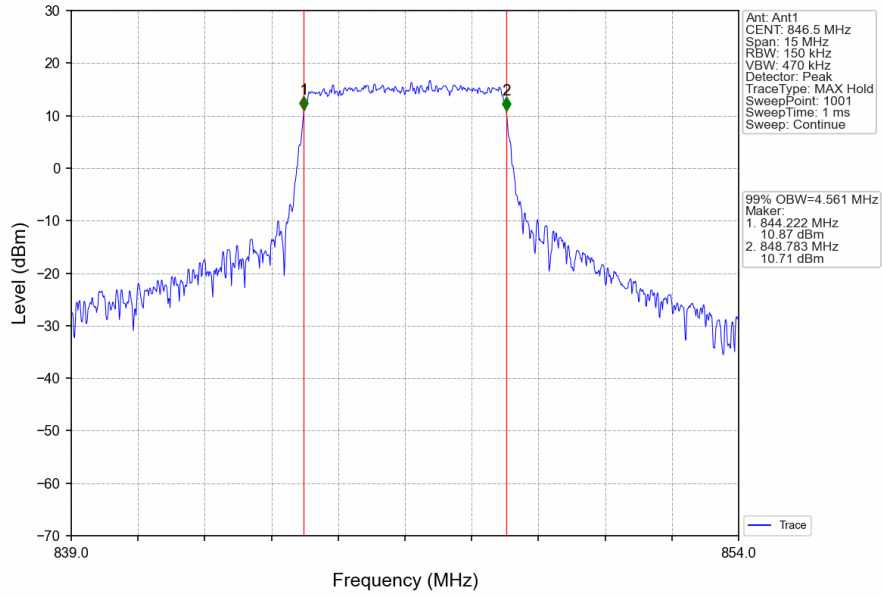
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



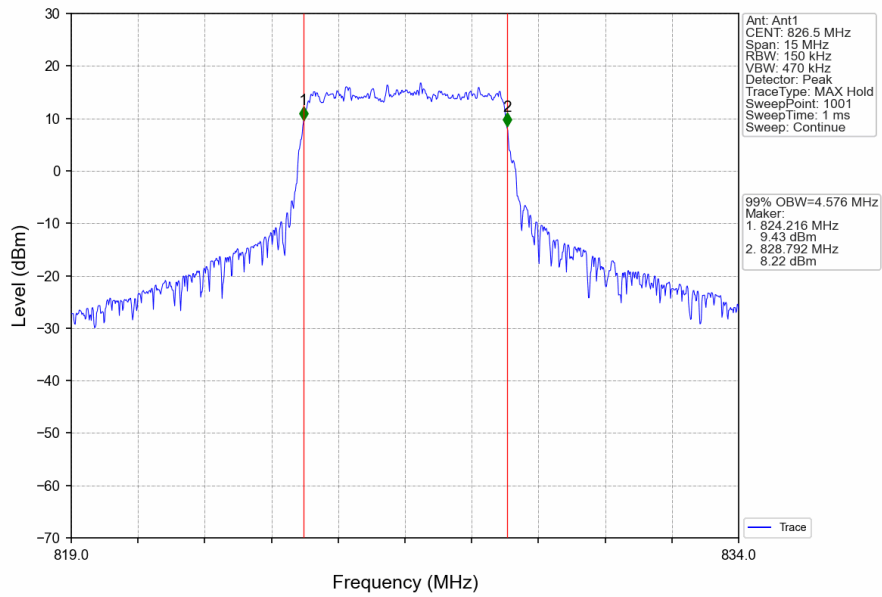
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



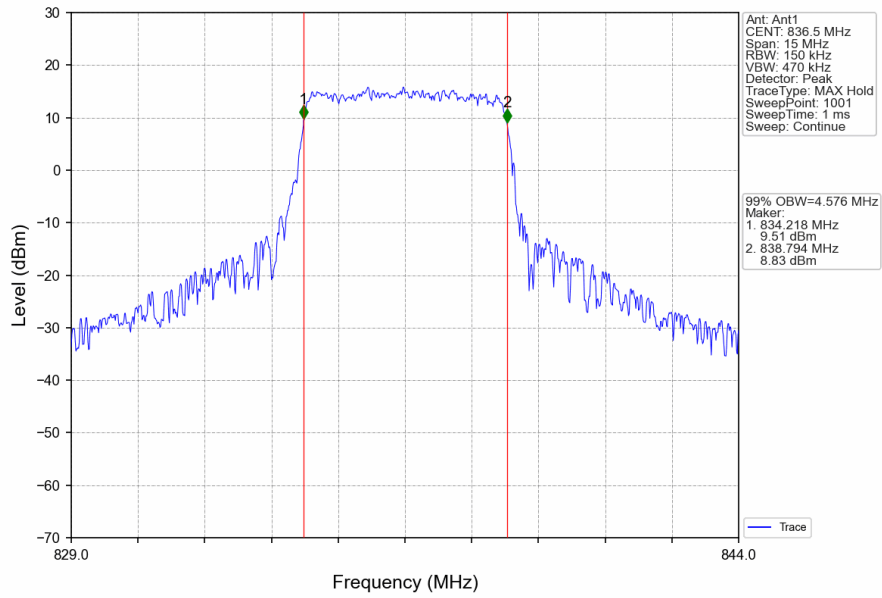
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



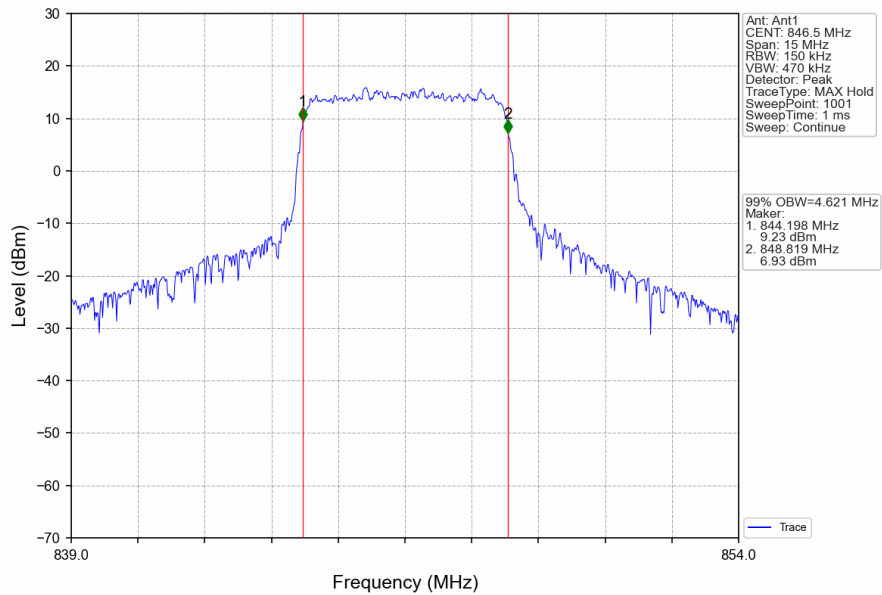
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



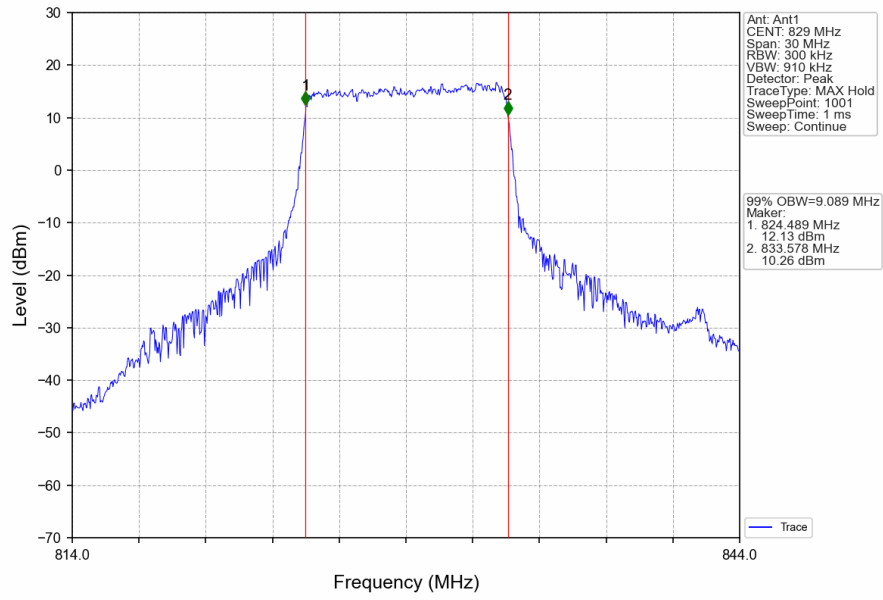
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



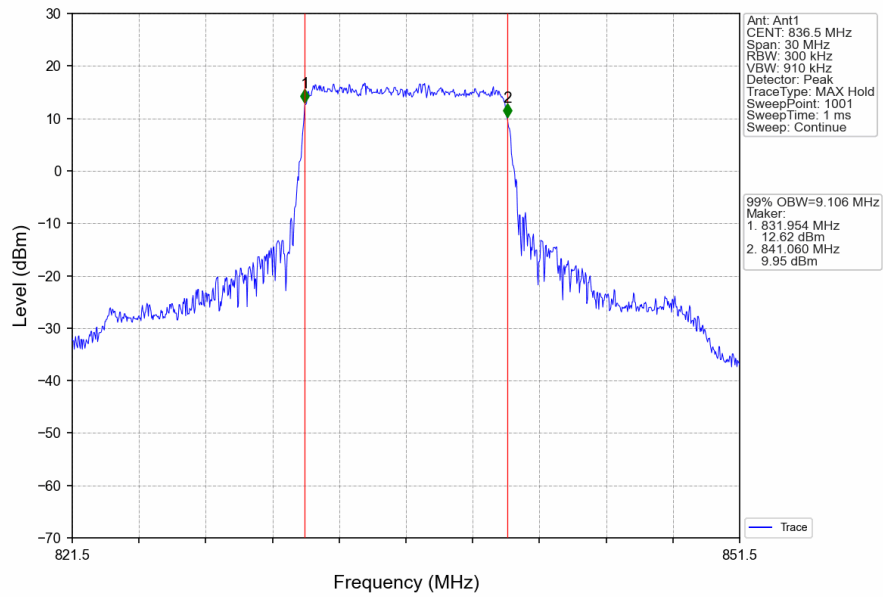
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



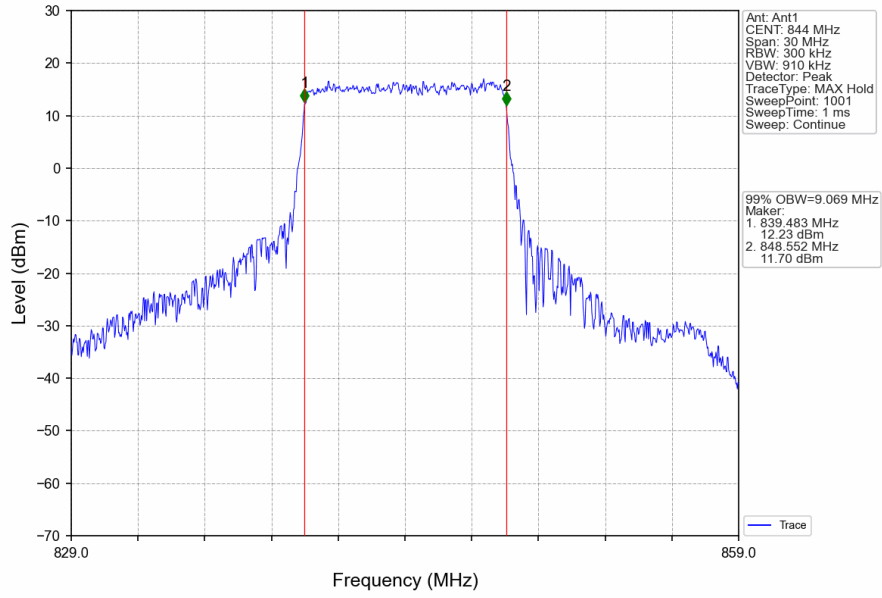
Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



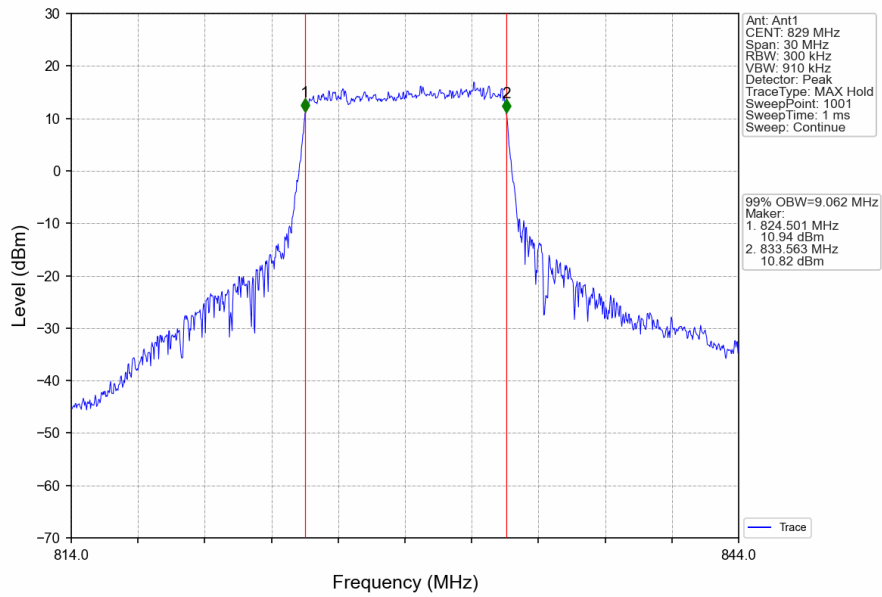
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



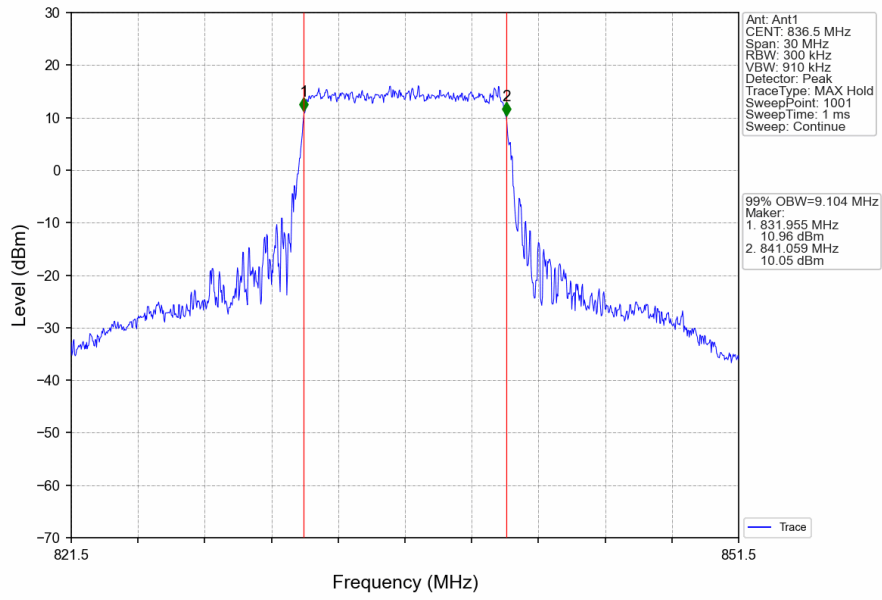
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



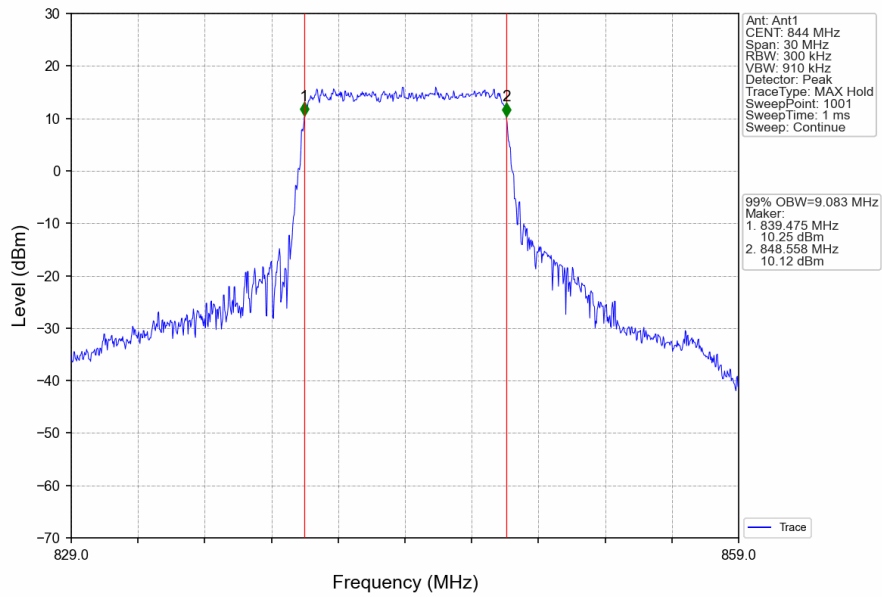
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



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



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



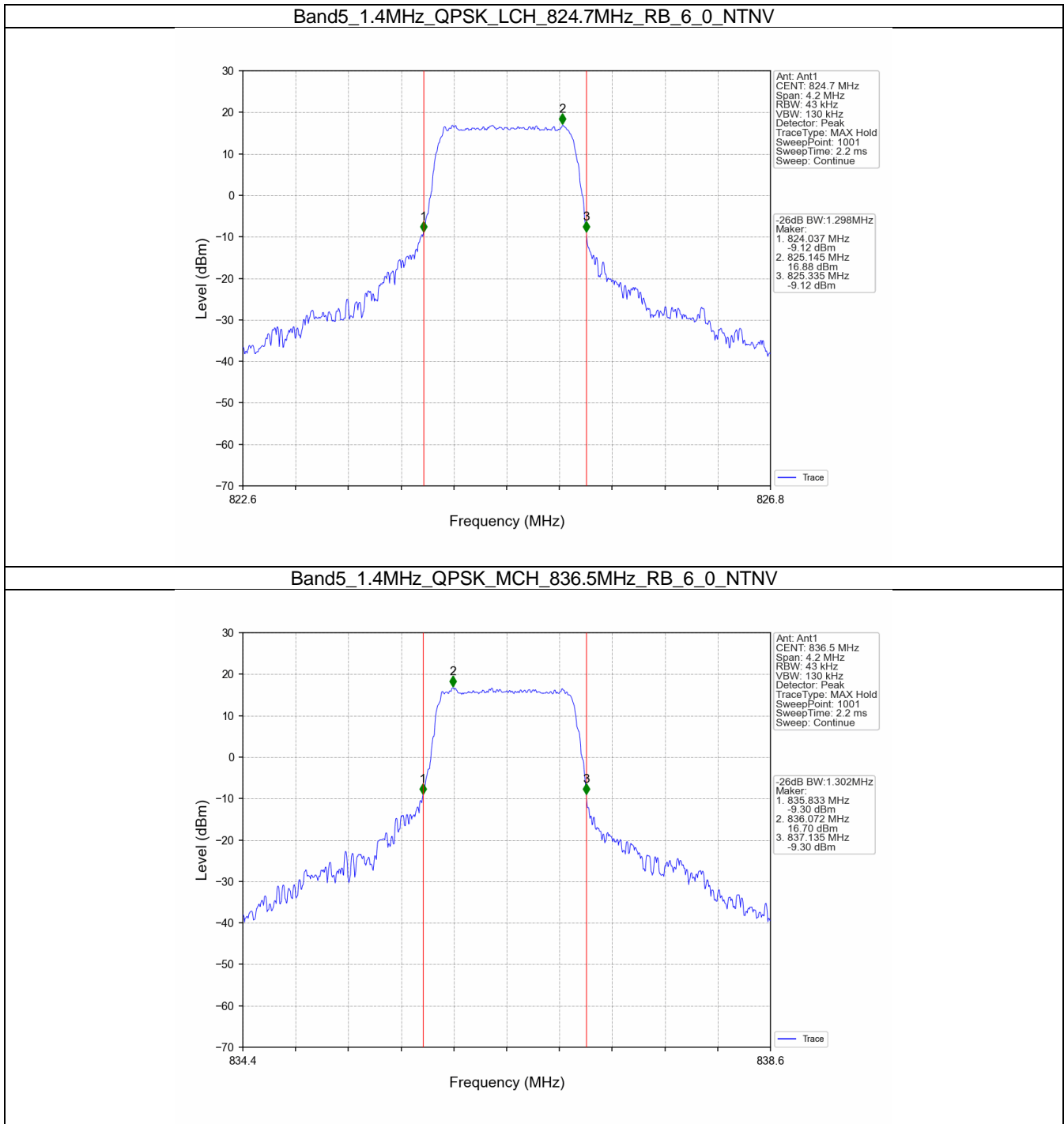
## 7.2 Band5\_XDB

### 7.2.1 Test Result

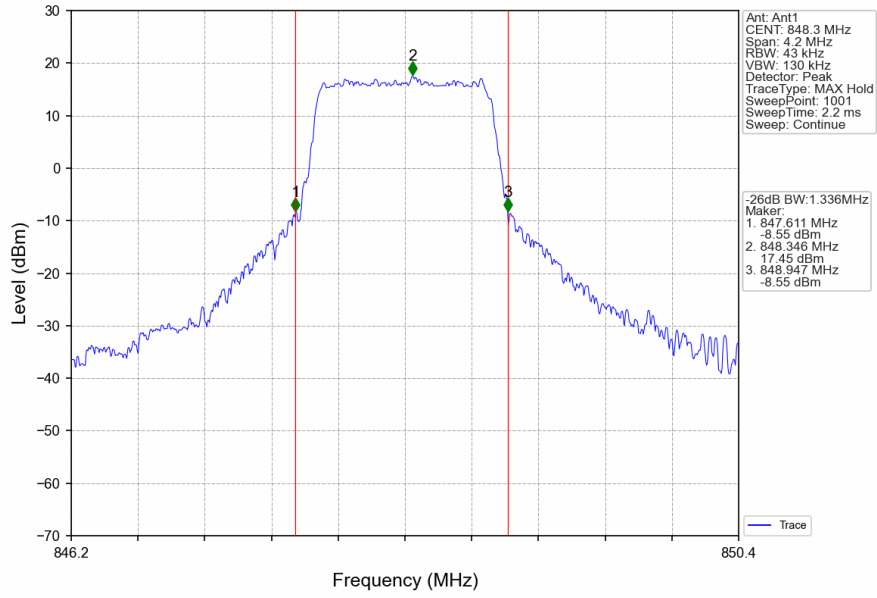
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.298	Pass
		836.5	6	0	1.302	Pass
		848.3	6	0	1.336	Pass
	16QAM	824.7	6	0	1.306	Pass
		836.5	6	0	1.277	Pass
		848.3	6	0	1.305	Pass
3	QPSK	825.5	15	0	3.203	Pass
		836.5	15	0	3.135	Pass
		847.5	15	0	3.100	Pass
	16QAM	825.5	15	0	3.144	Pass
		836.5	15	0	3.254	Pass
		847.5	15	0	3.254	Pass
5	QPSK	826.5	25	0	5.423	Pass
		836.5	25	0	5.335	Pass
		846.5	25	0	5.320	Pass
	16QAM	826.5	25	0	5.506	Pass
		836.5	25	0	5.467	Pass
		846.5	25	0	5.593	Pass
10	QPSK	829	50	0	10.518	Pass
		836.5	50	0	10.567	Pass
		844	50	0	10.350	Pass
	16QAM	829	50	0	10.117	Pass
		836.5	50	0	10.989	Pass
		844	50	0	10.223	Pass



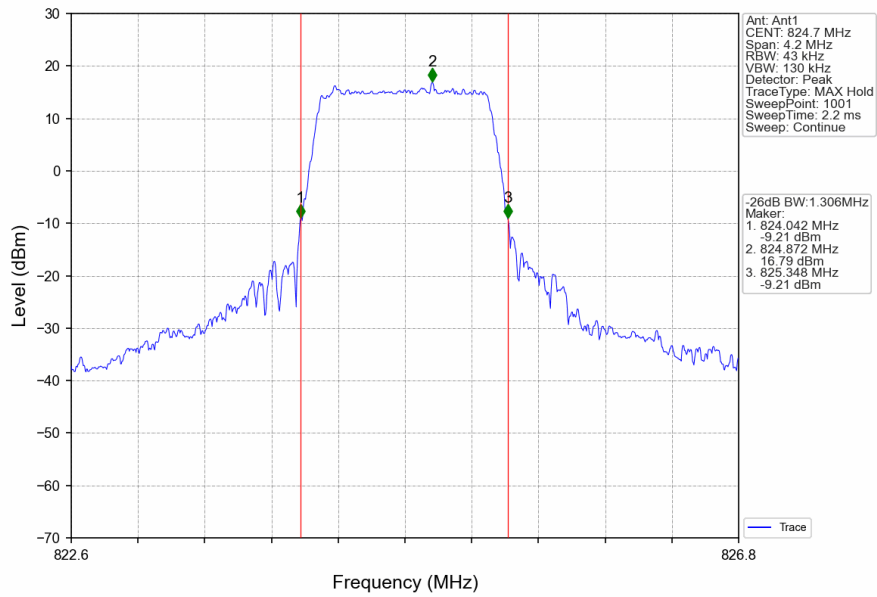
## 7.2.2 Test Graph



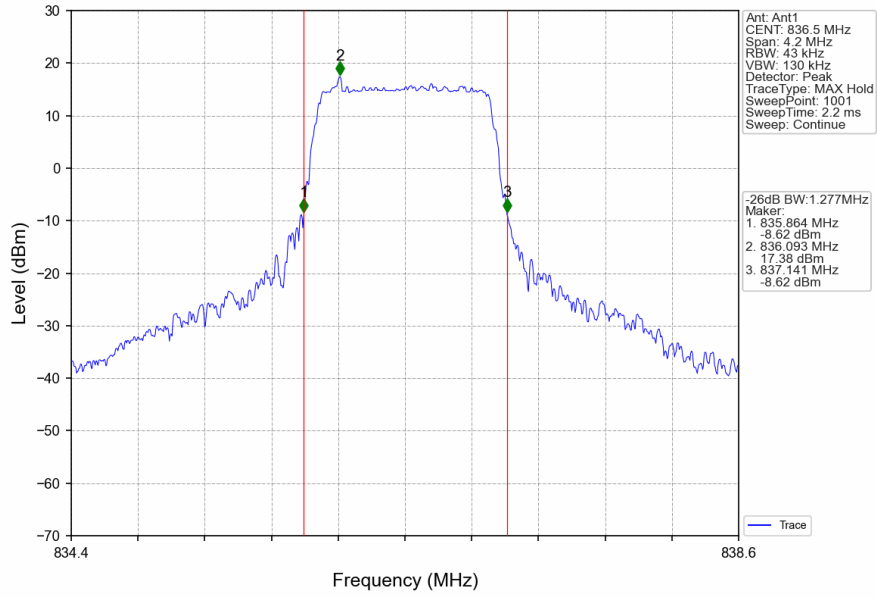
Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



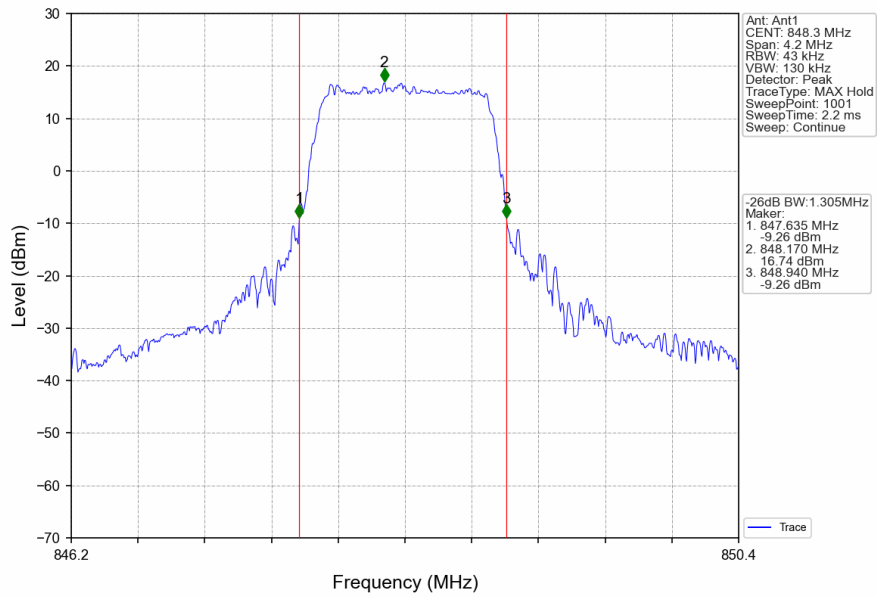
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



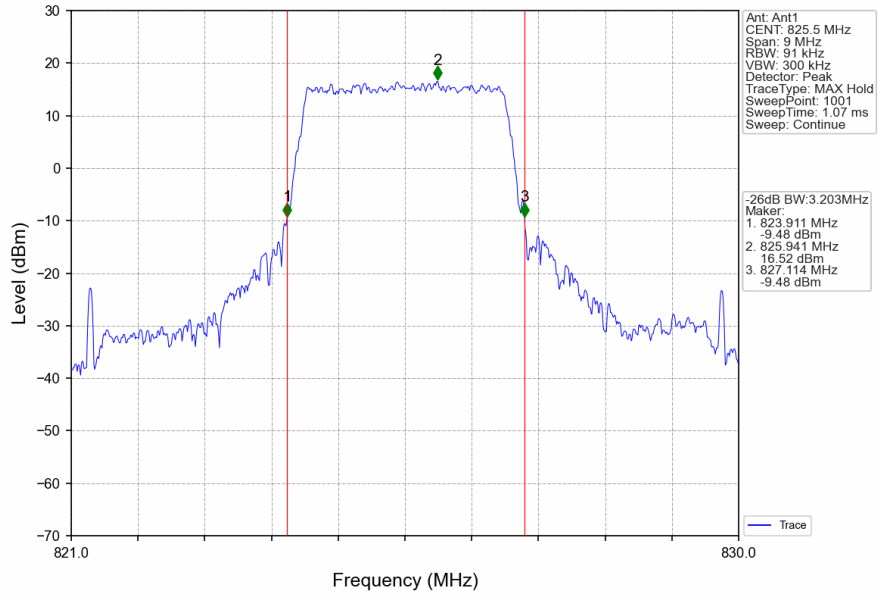
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



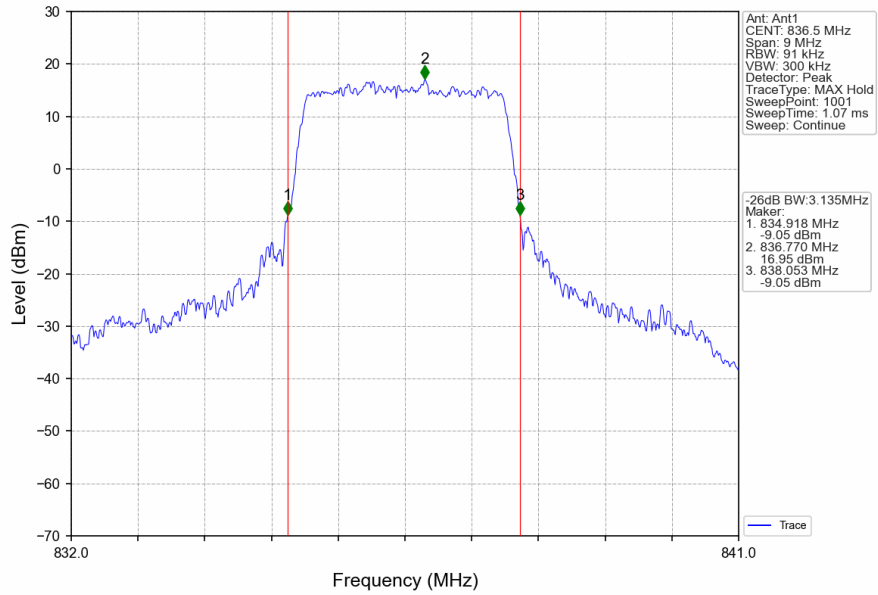
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



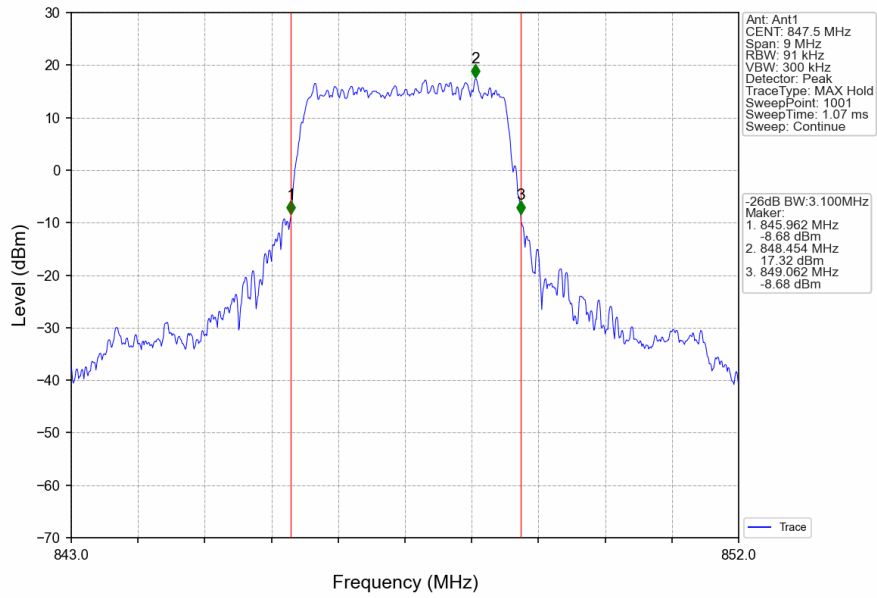
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



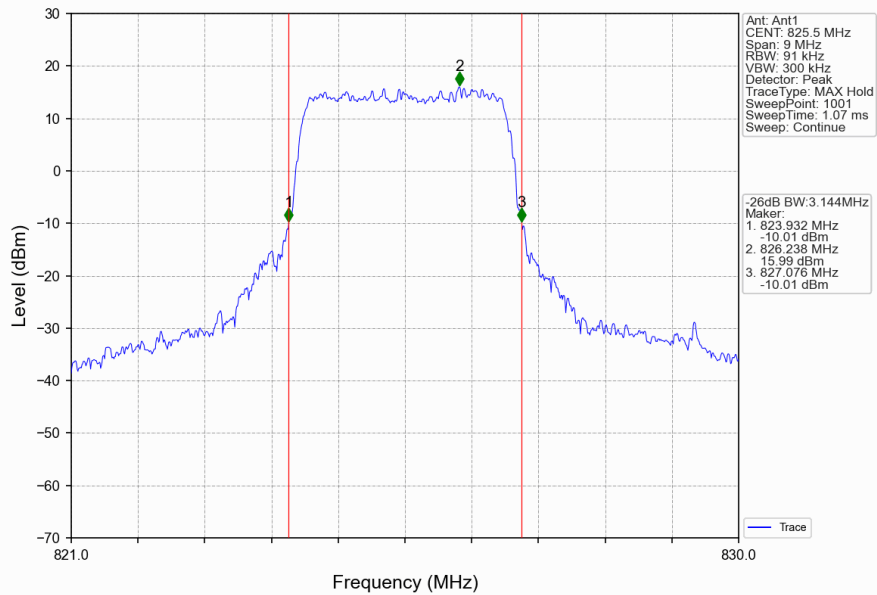
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



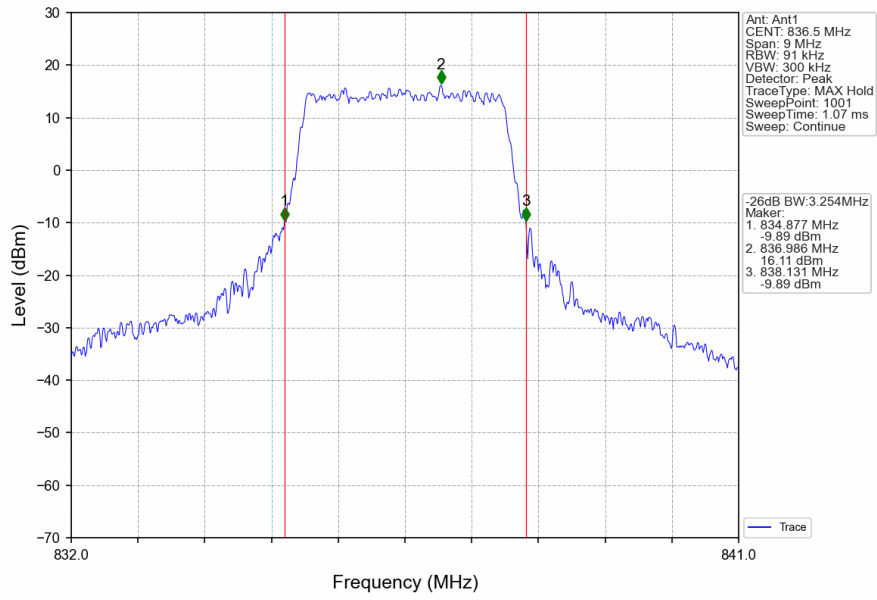
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



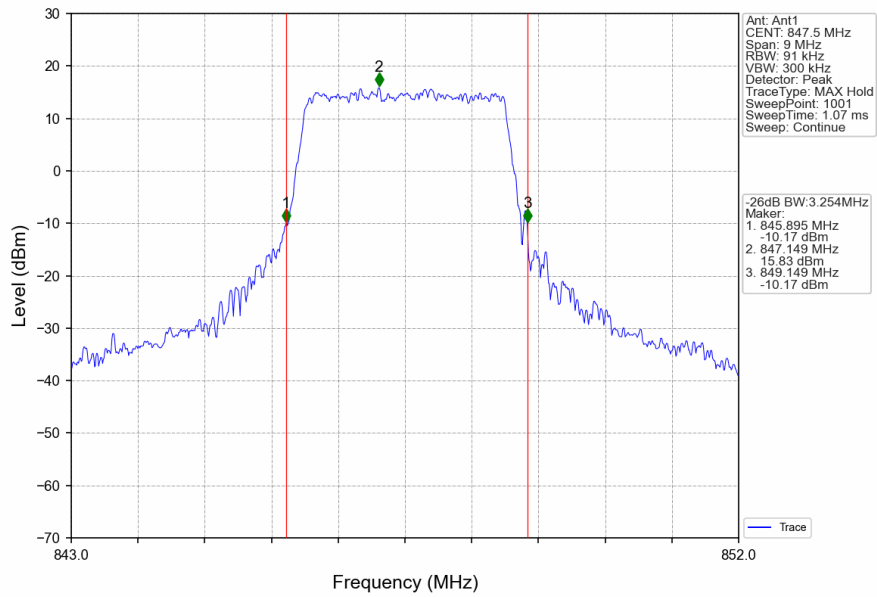
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



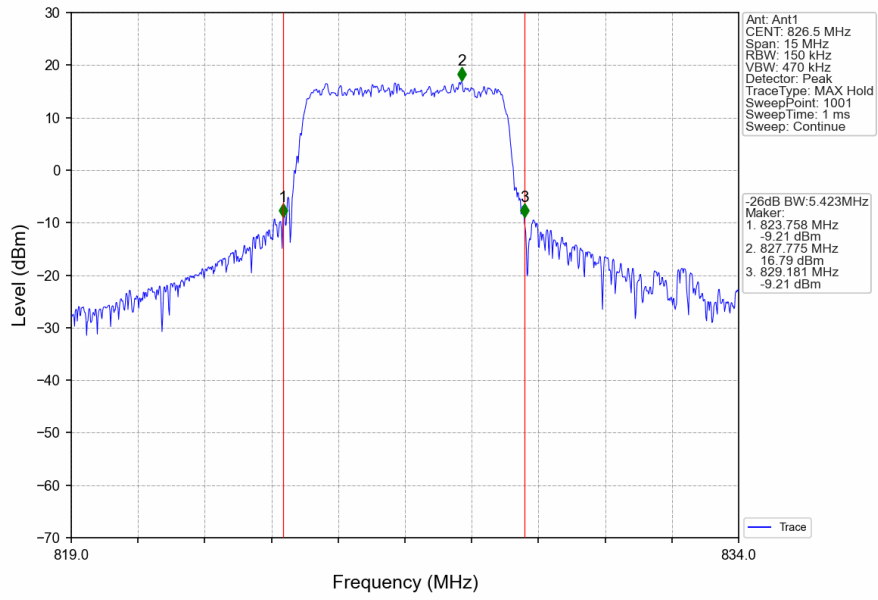
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



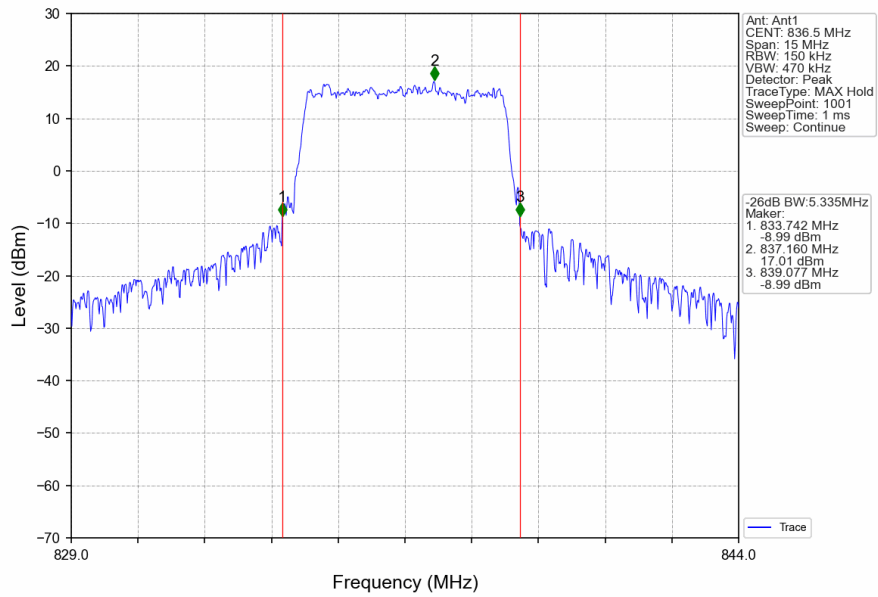
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



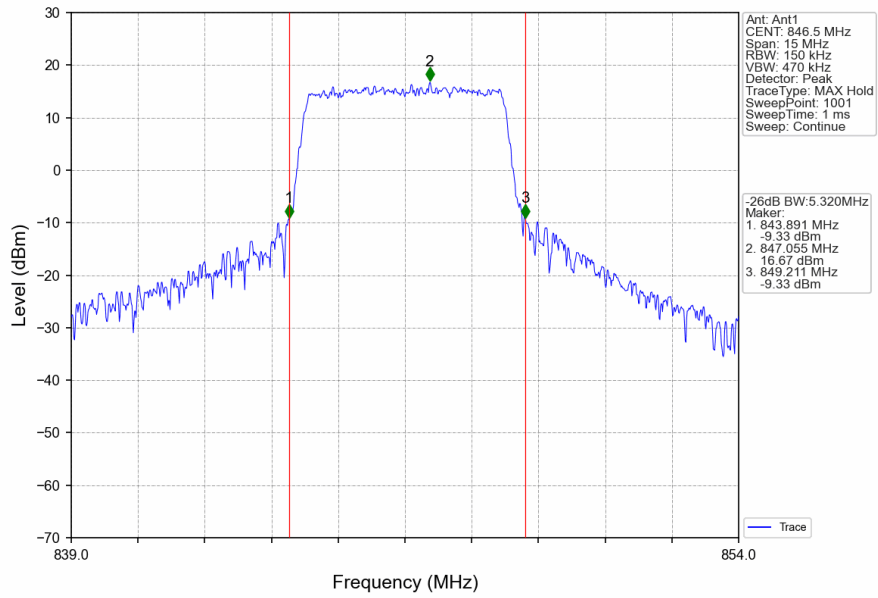
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



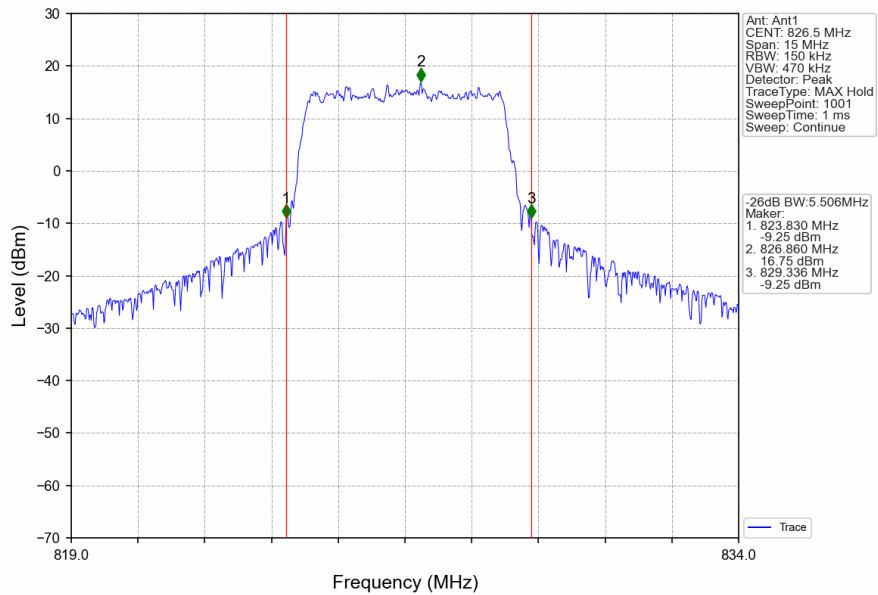
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



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

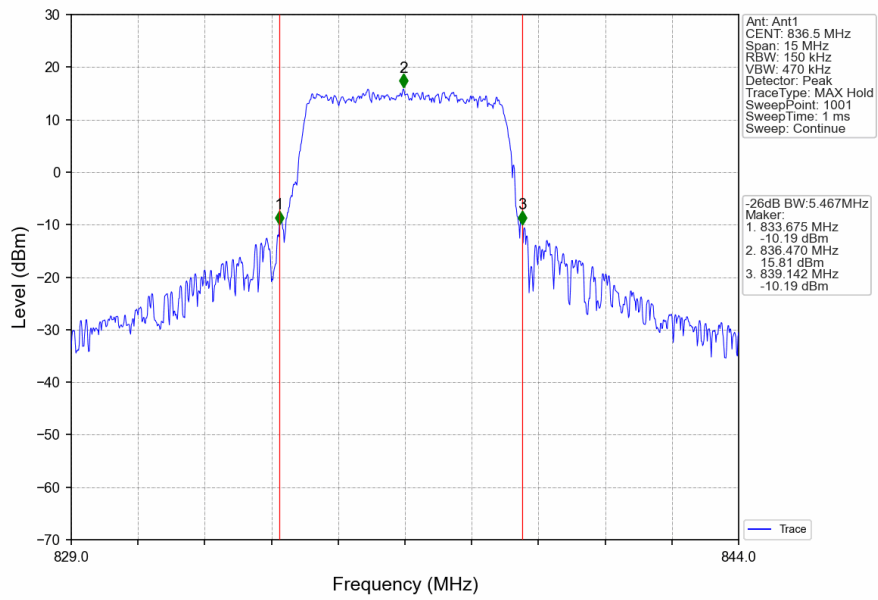


Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

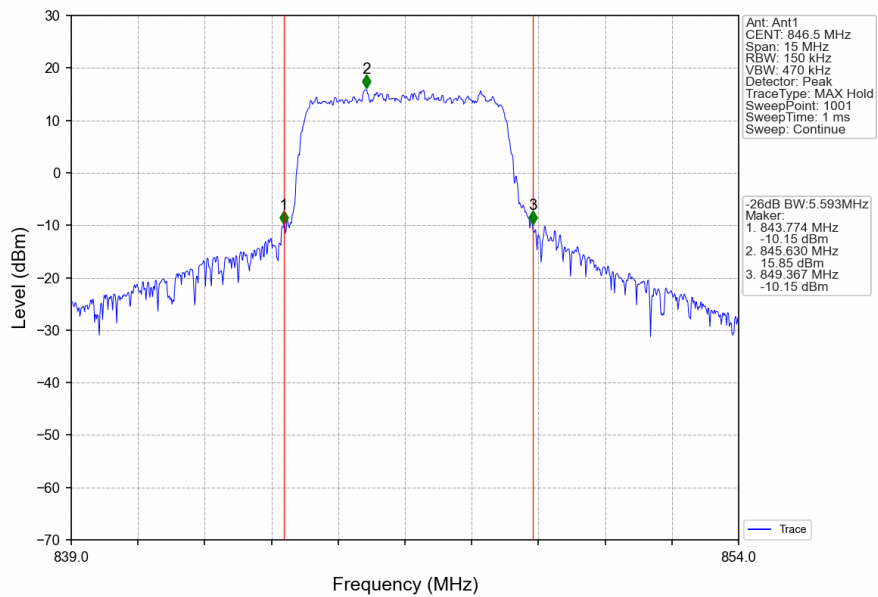




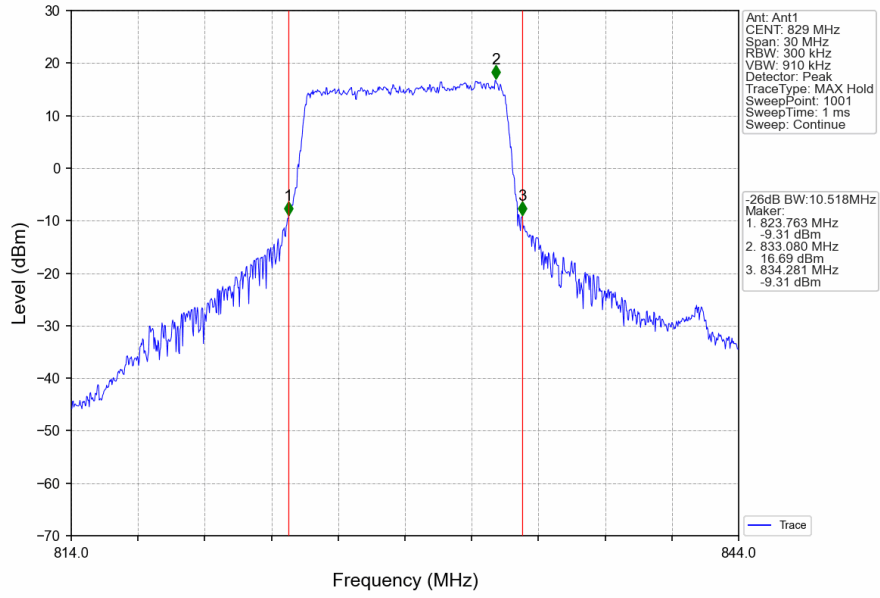
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



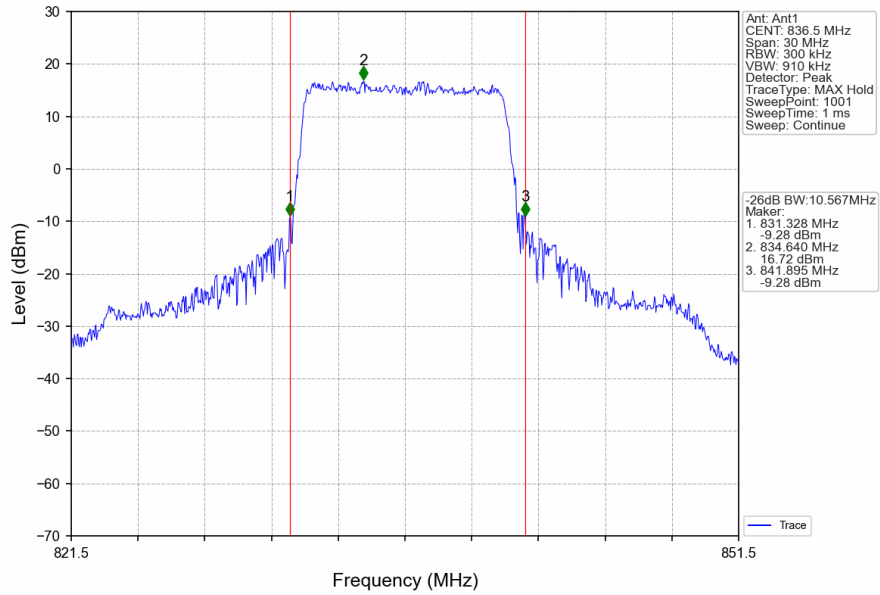
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



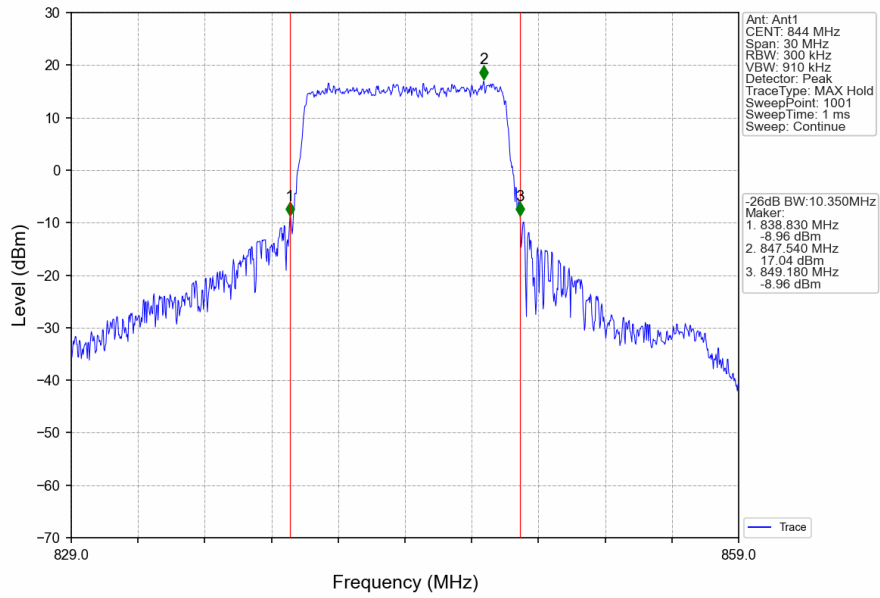
Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



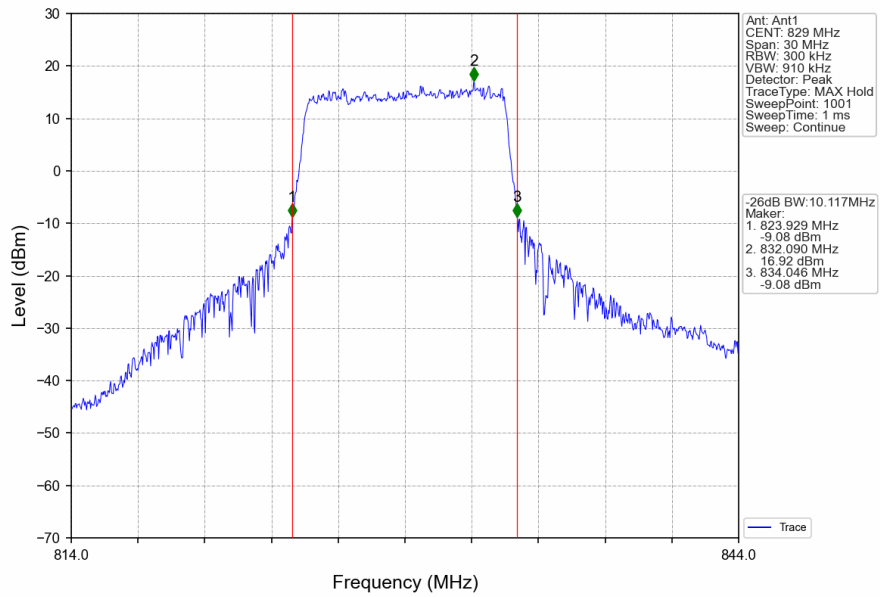
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



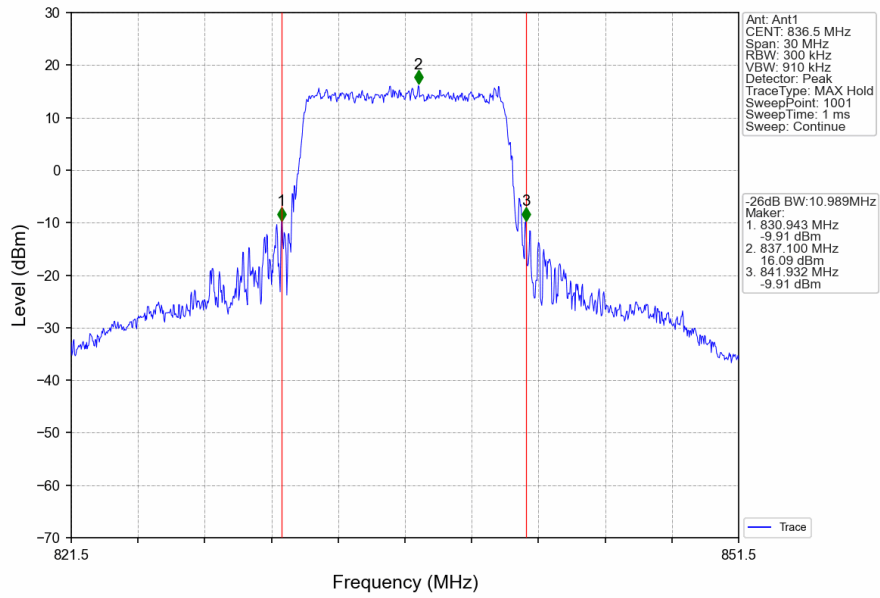
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



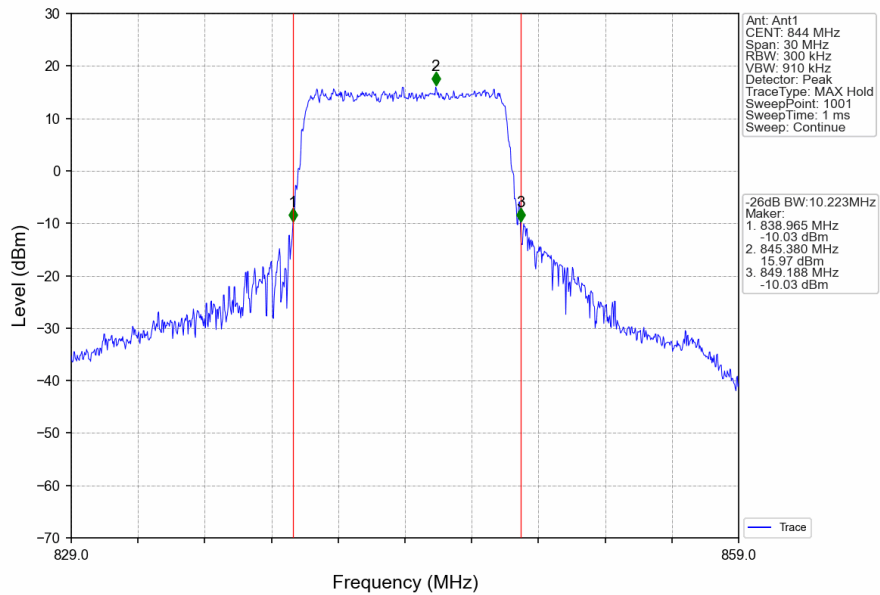
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



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



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



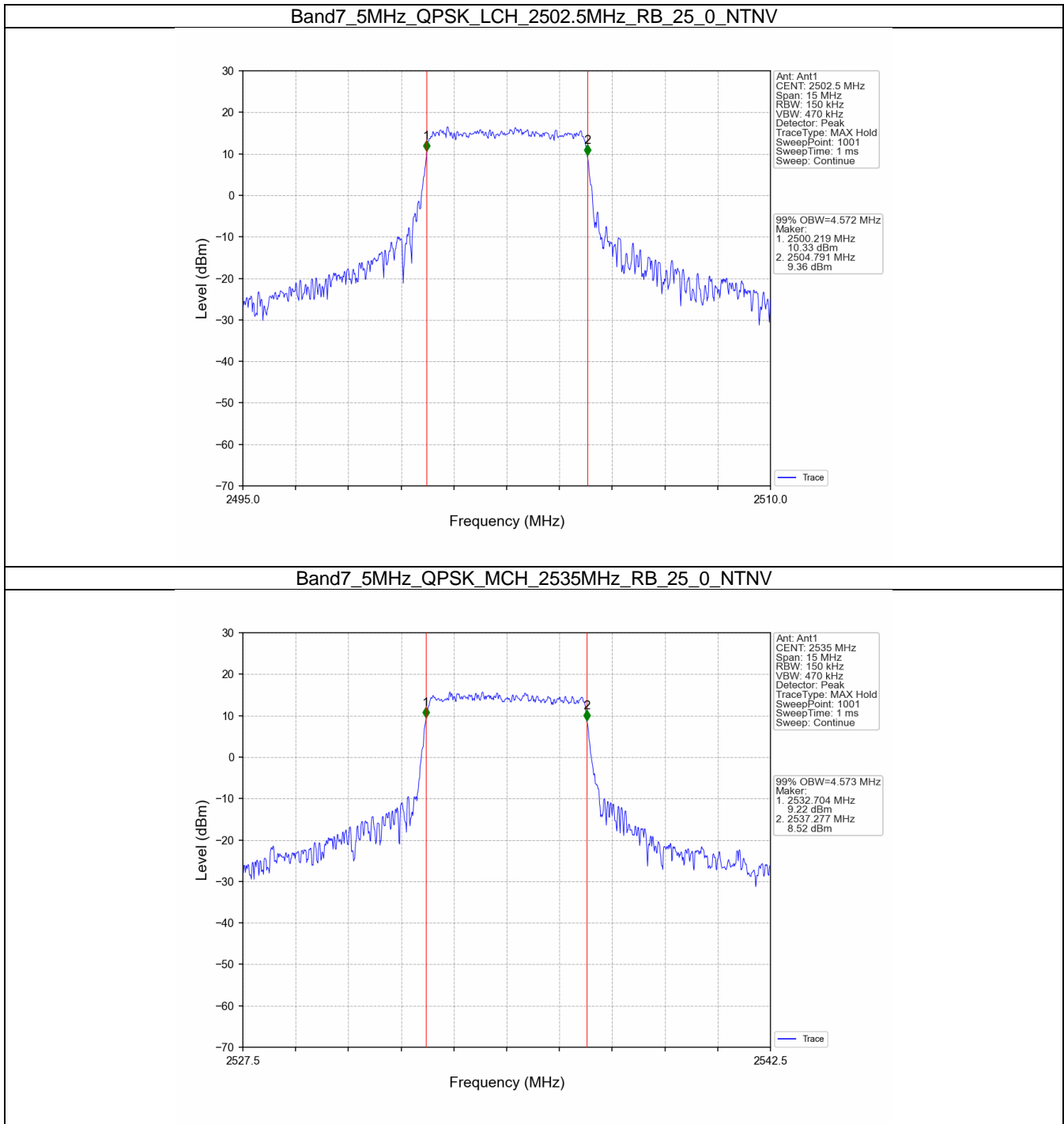
## 8. 99% & 26dB Bandwidth

### 8.1 Band7\_OBW

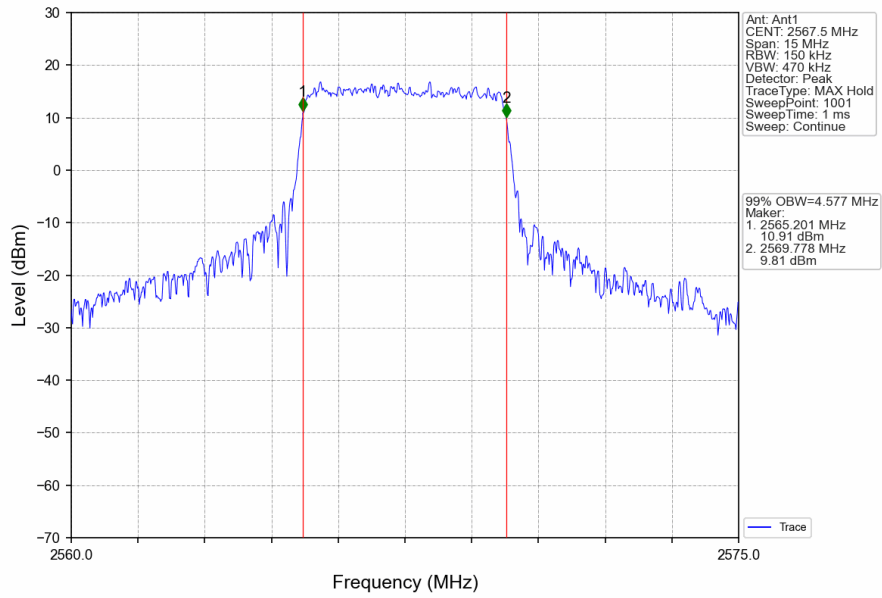
#### 8.1.1 Test Result

Band: 7 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.572	Pass
		2535	25	0	4.573	Pass
		2567.5	25	0	4.577	Pass
	16QAM	2502.5	25	0	4.584	Pass
		2535	25	0	4.597	Pass
		2567.5	25	0	4.590	Pass
10	QPSK	2505	50	0	9.081	Pass
		2535	50	0	9.077	Pass
		2565	50	0	9.072	Pass
	16QAM	2505	50	0	9.083	Pass
		2535	50	0	9.104	Pass
		2565	50	0	9.068	Pass
15	QPSK	2507.5	75	0	13.688	Pass
		2535	75	0	13.617	Pass
		2562.5	75	0	13.565	Pass
	16QAM	2507.5	75	0	13.621	Pass
		2535	75	0	13.641	Pass
		2562.5	75	0	13.608	Pass
20	QPSK	2510	100	0	18.165	Pass
		2535	100	0	18.154	Pass
		2560	100	0	18.069	Pass
	16QAM	2510	100	0	18.247	Pass
		2535	100	0	18.165	Pass
		2560	100	0	18.108	Pass

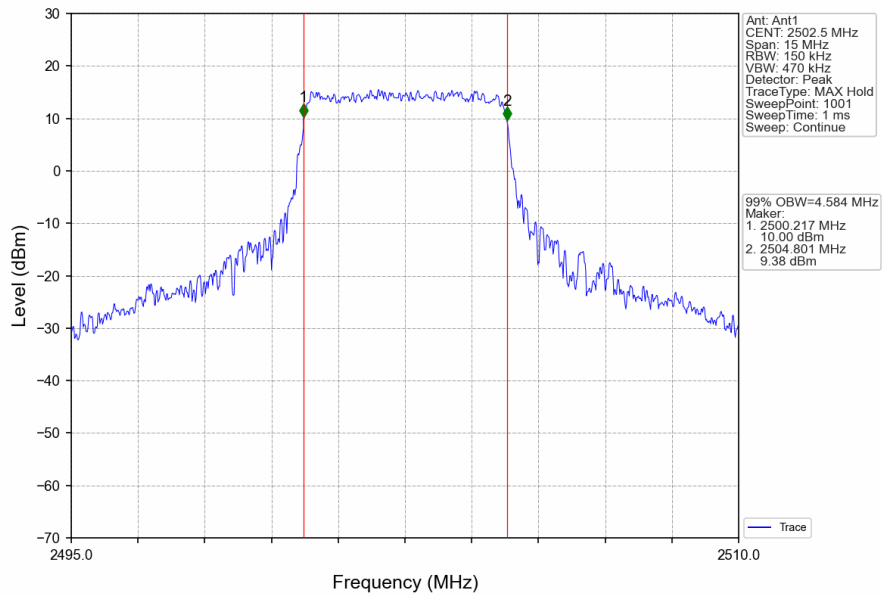
### 8.1.2 Test Graph



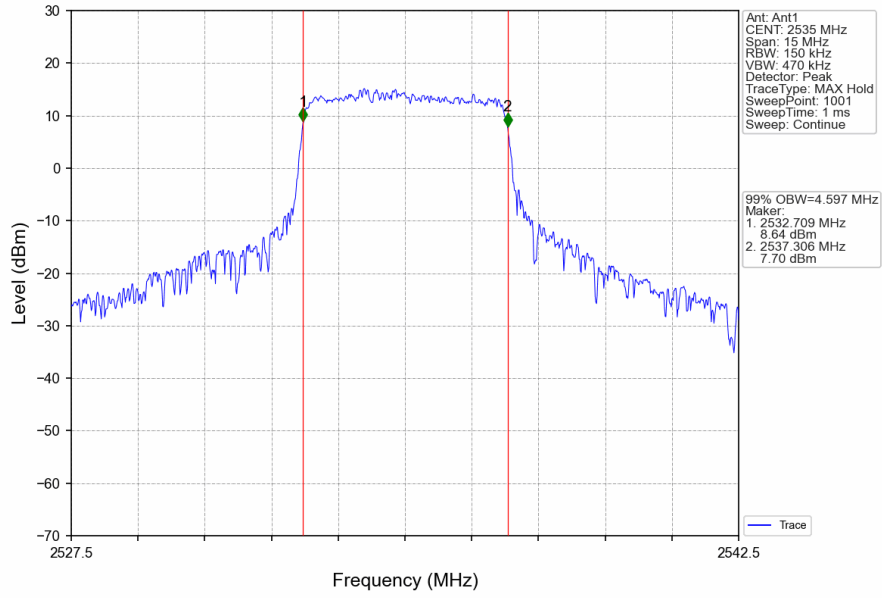
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



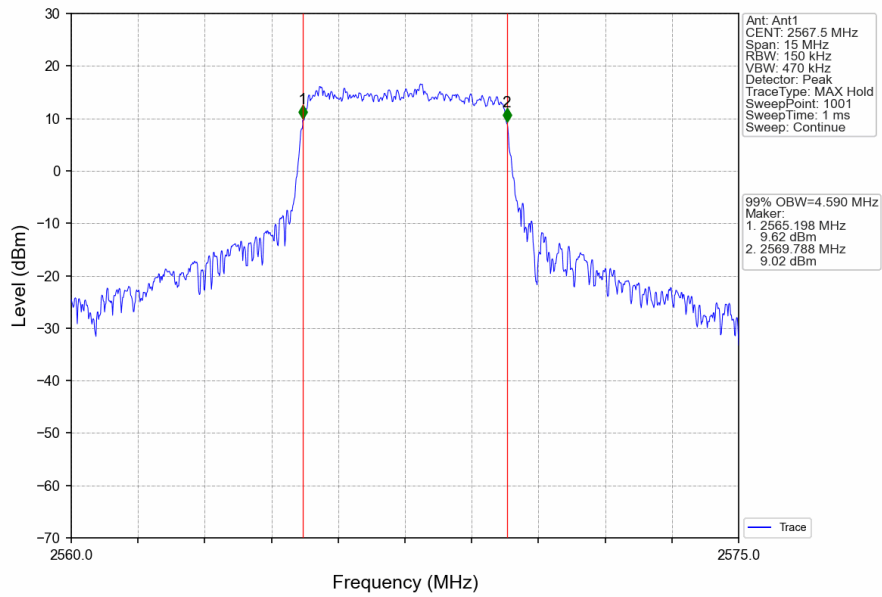
Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV

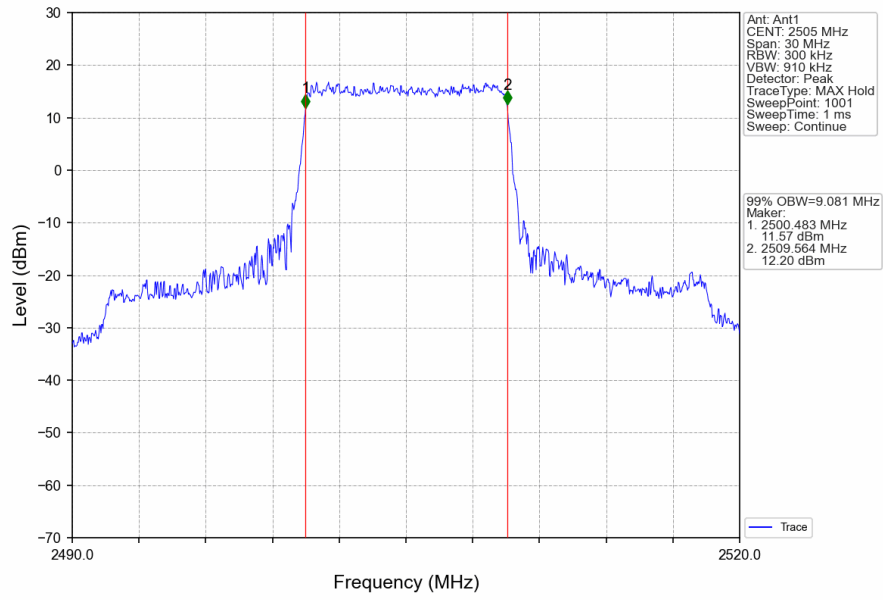


Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV

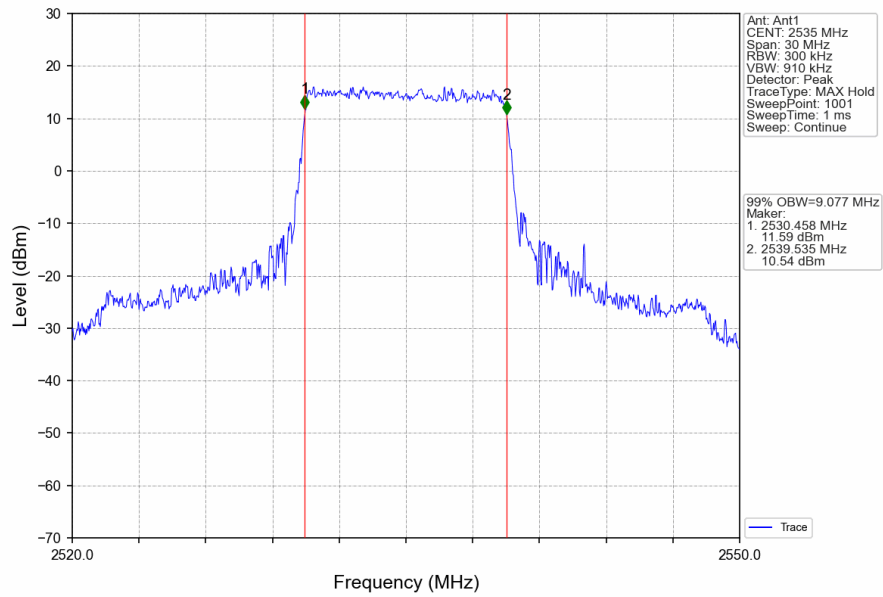




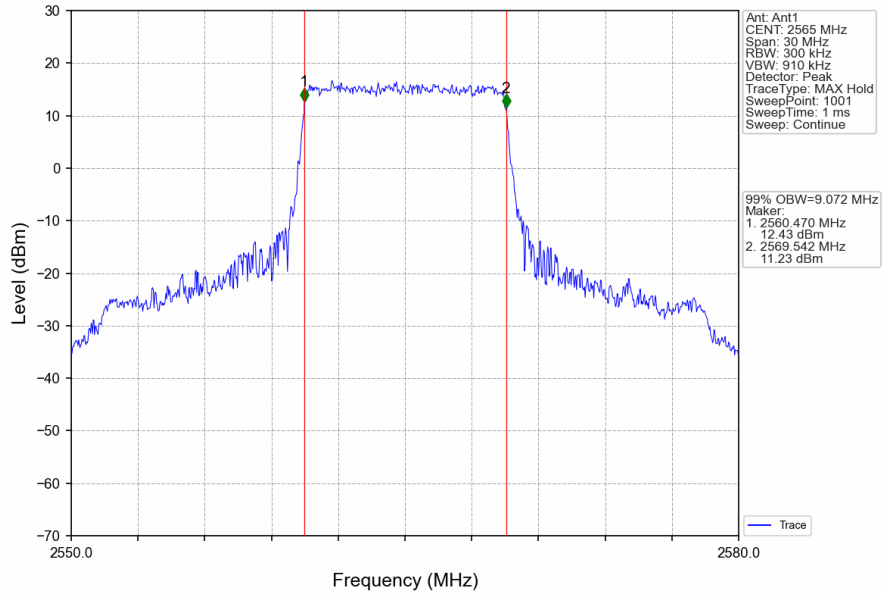
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_50\_0\_NTNV



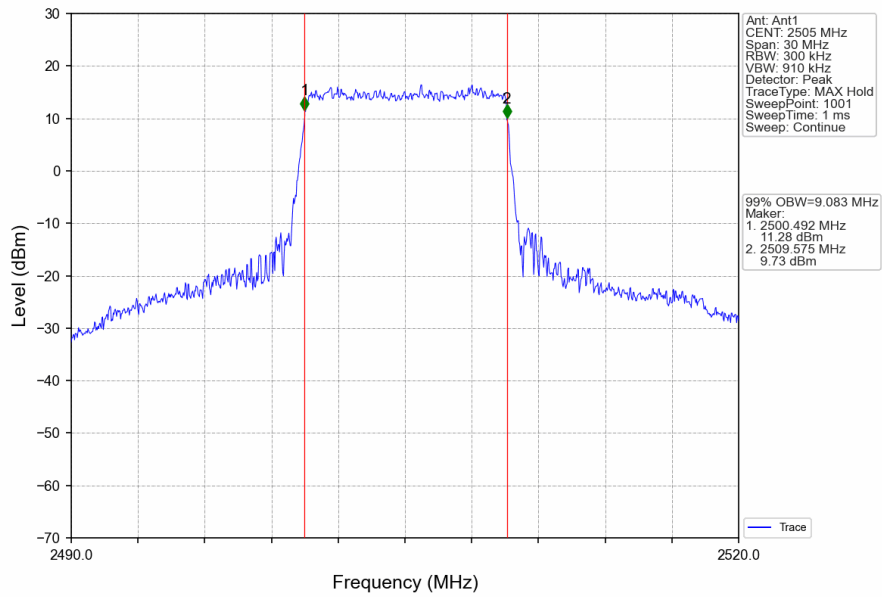
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_50\_0\_NTNV



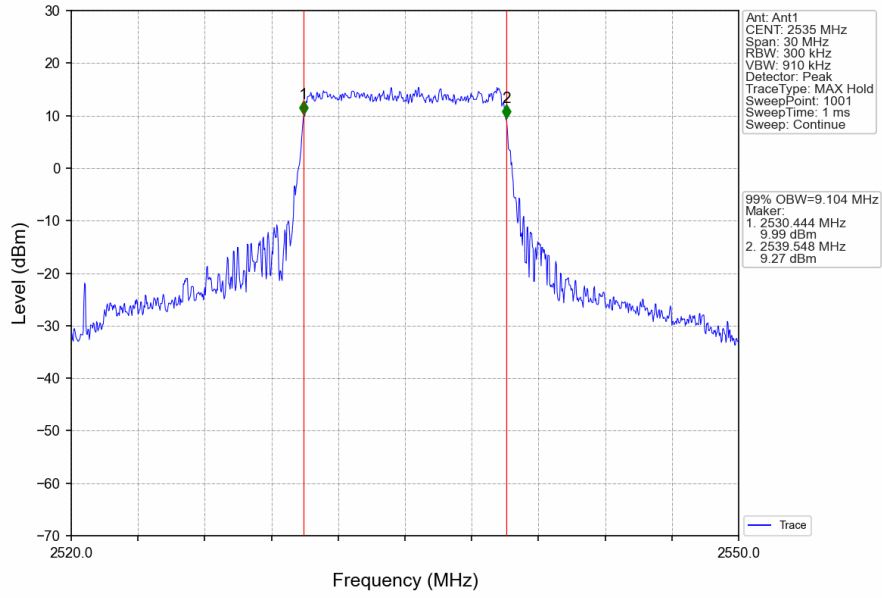
Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_50\_0\_NTNV



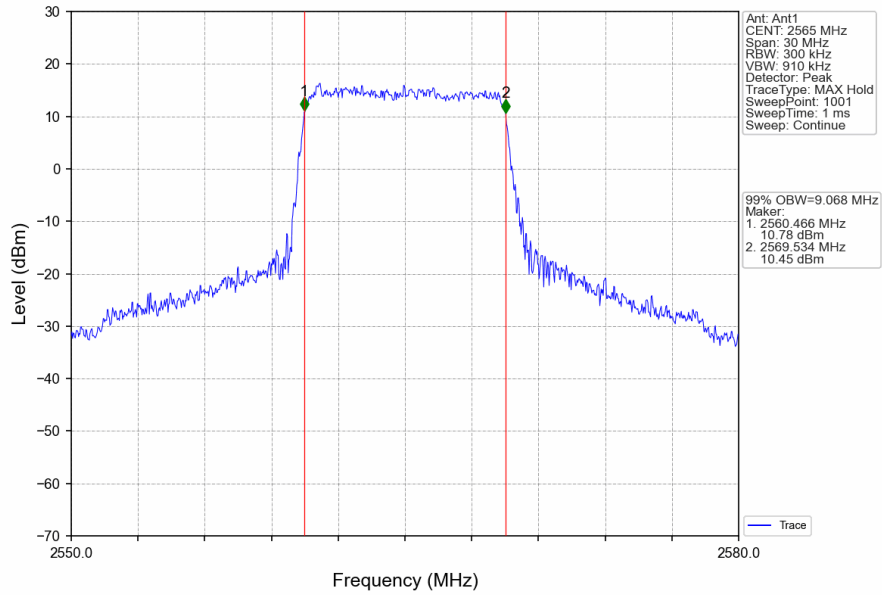
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



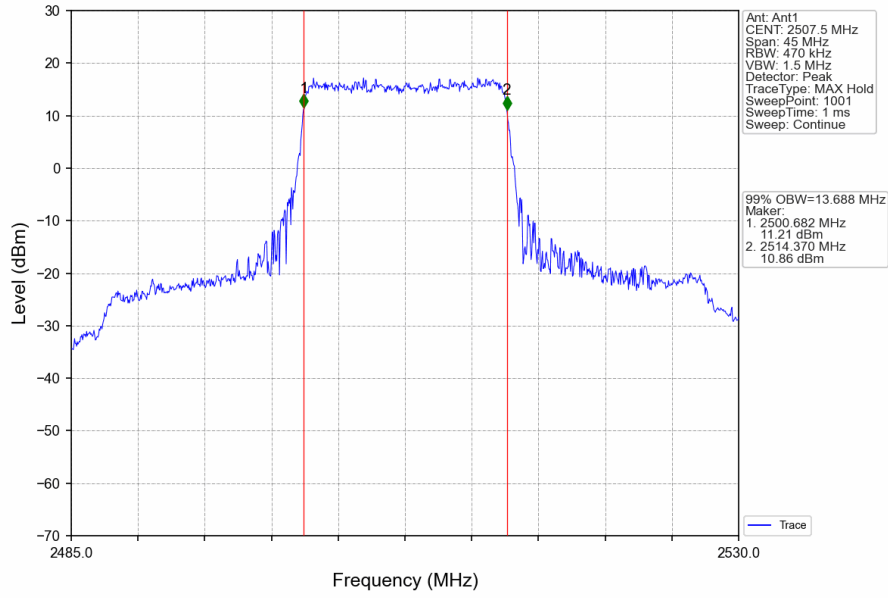
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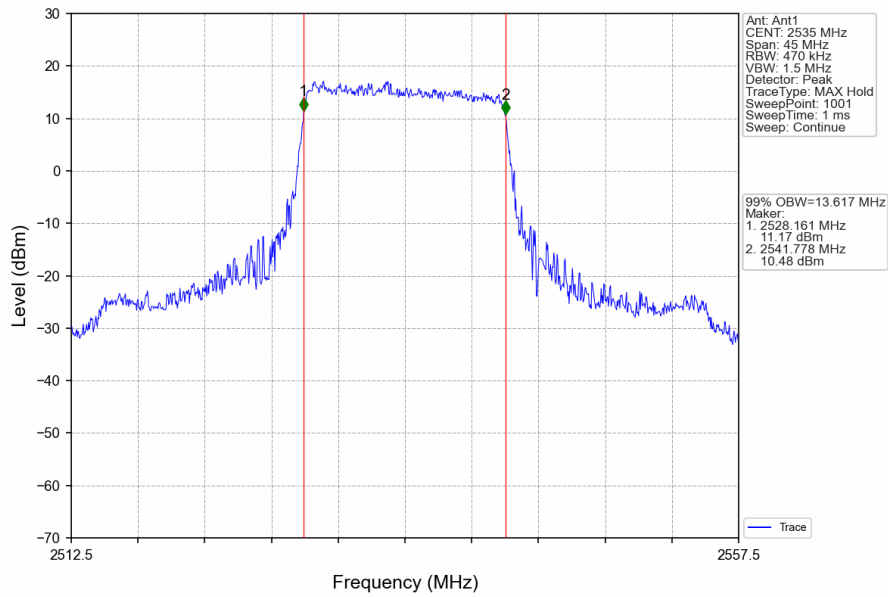
Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



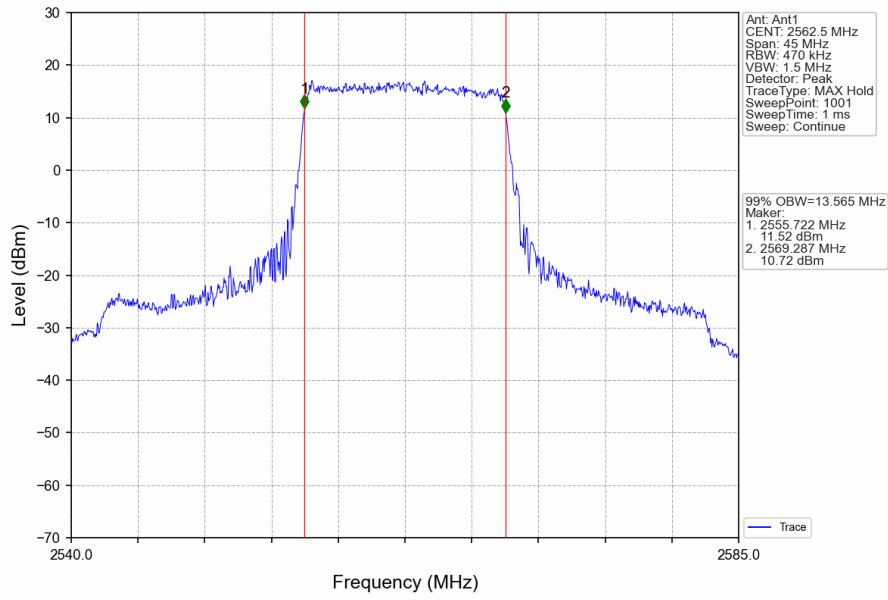
Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



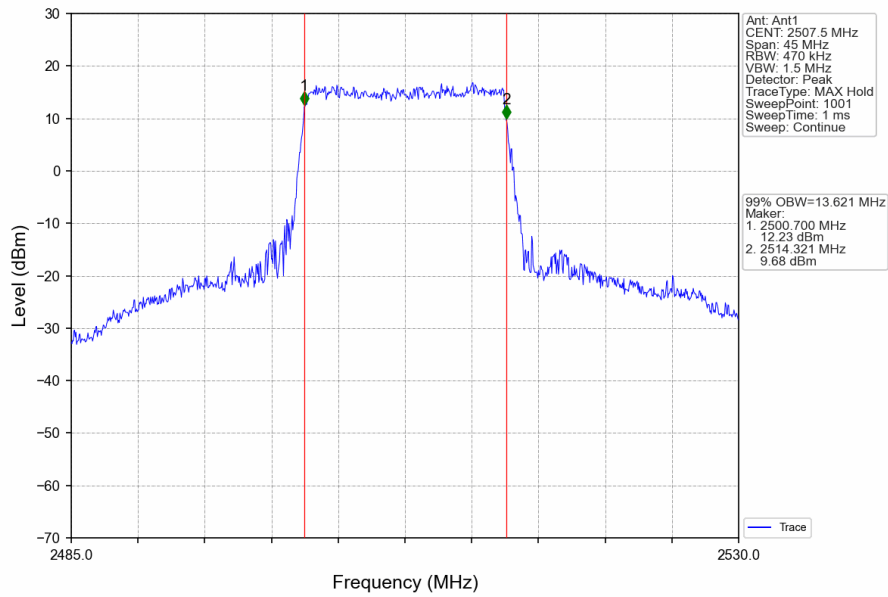
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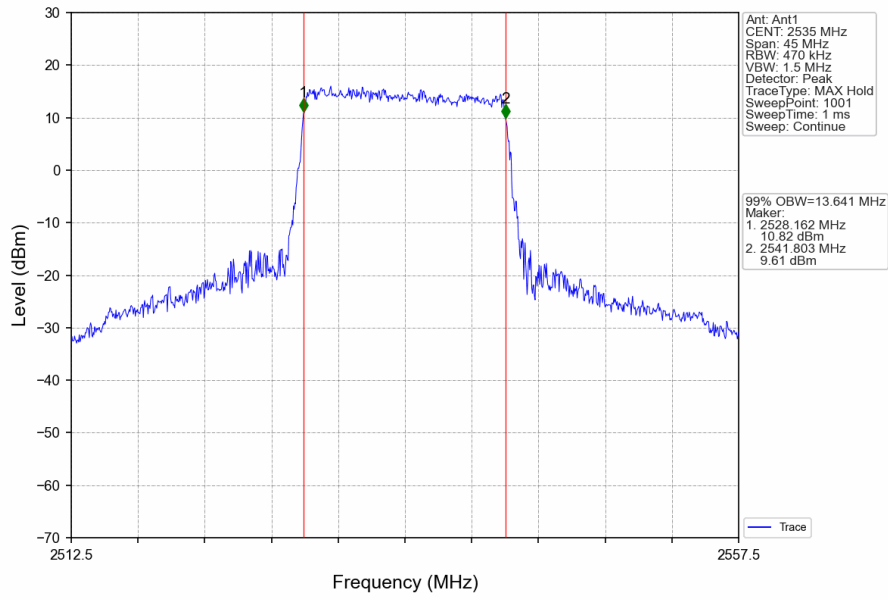
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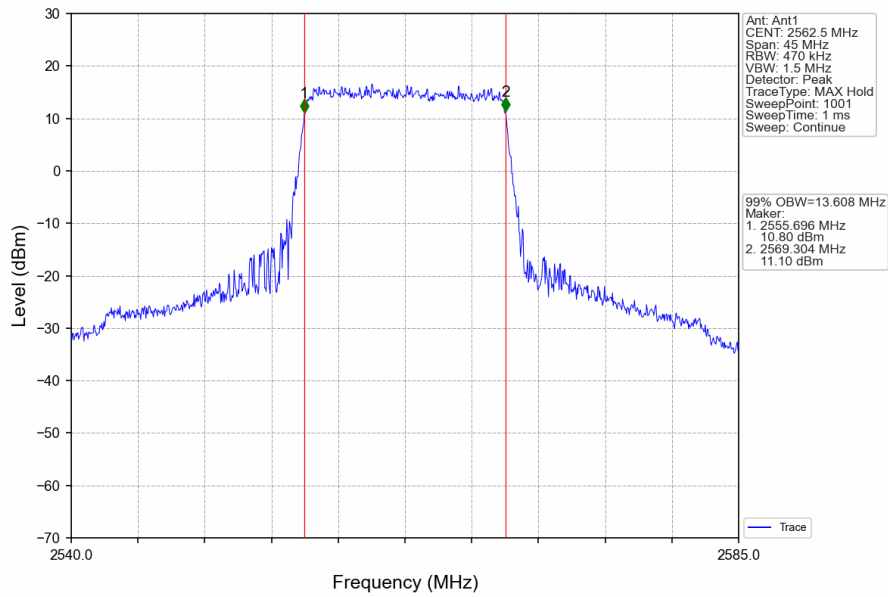
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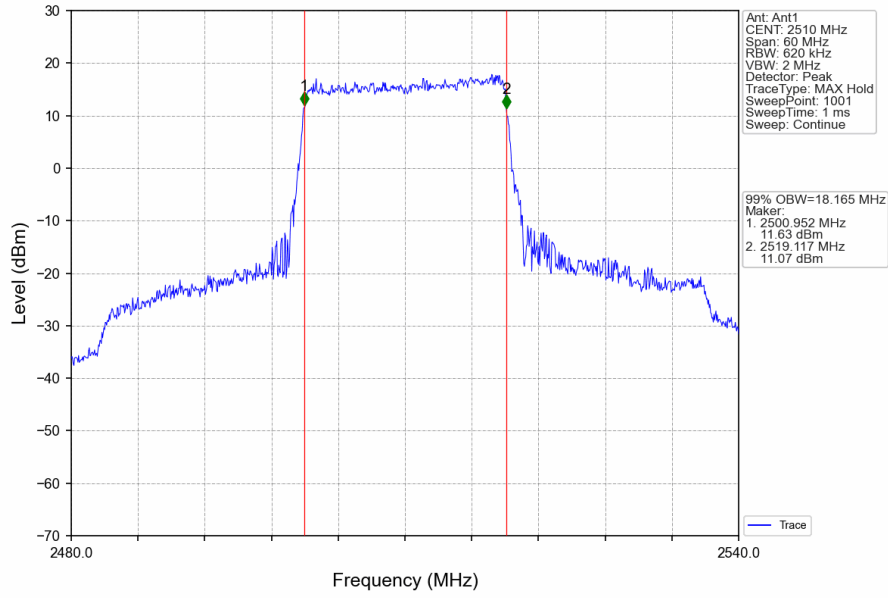
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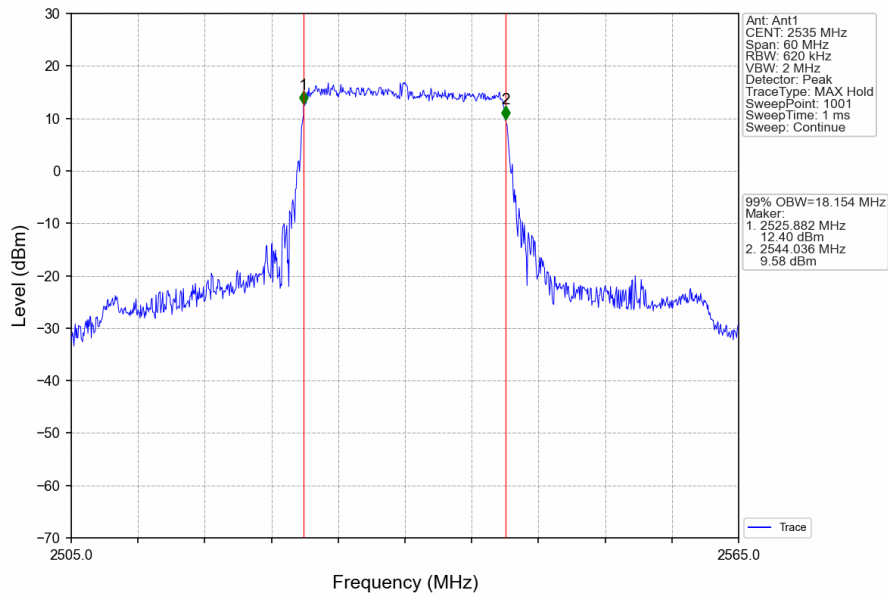
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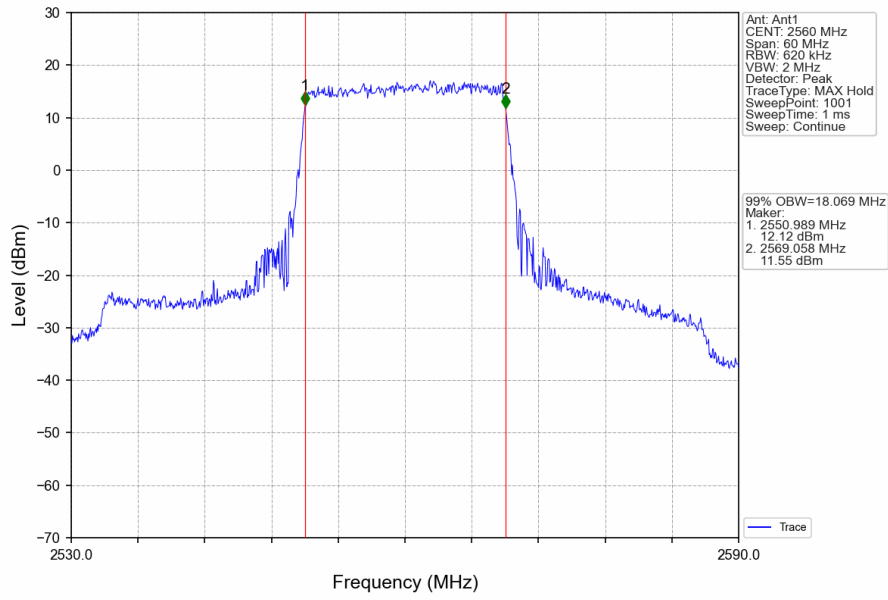
Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_100\_0\_NTNV



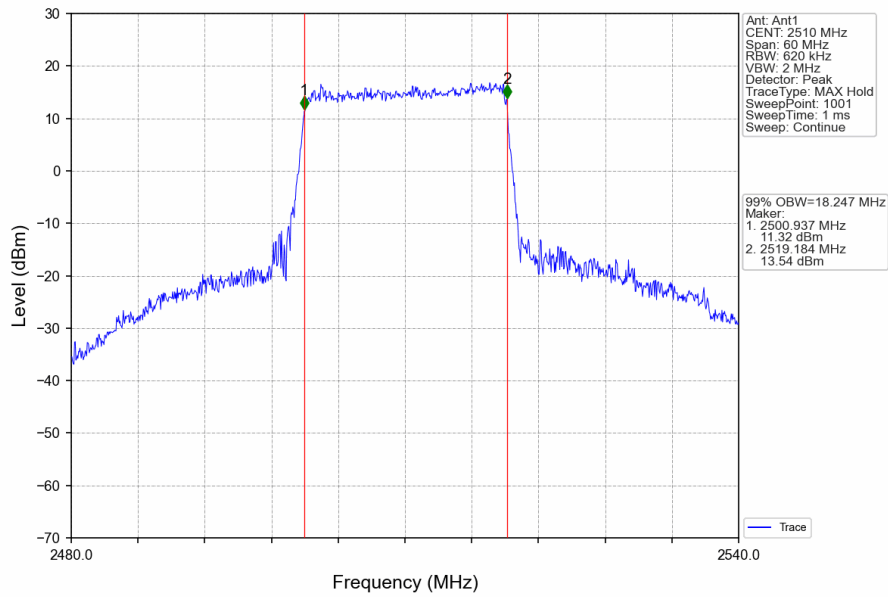
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_100\_0\_NTNV

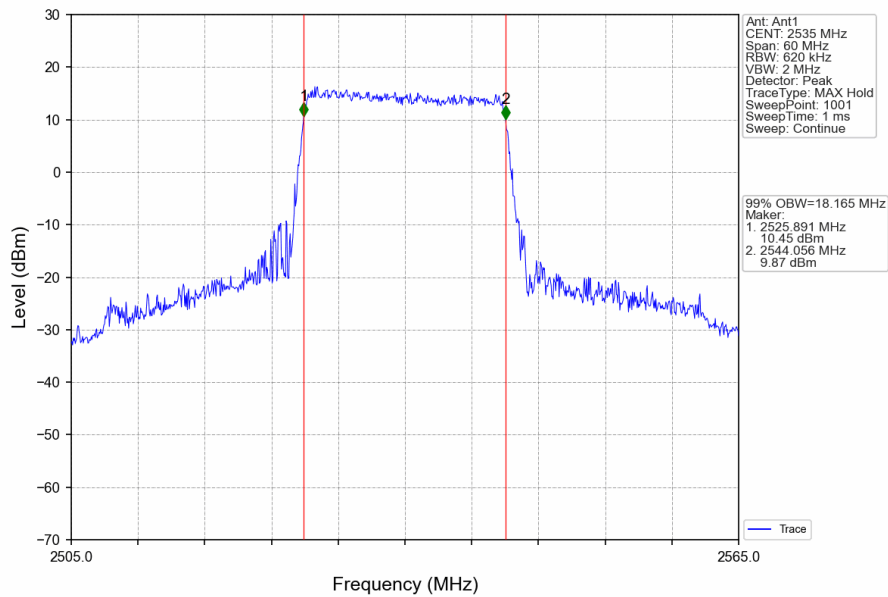


Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV

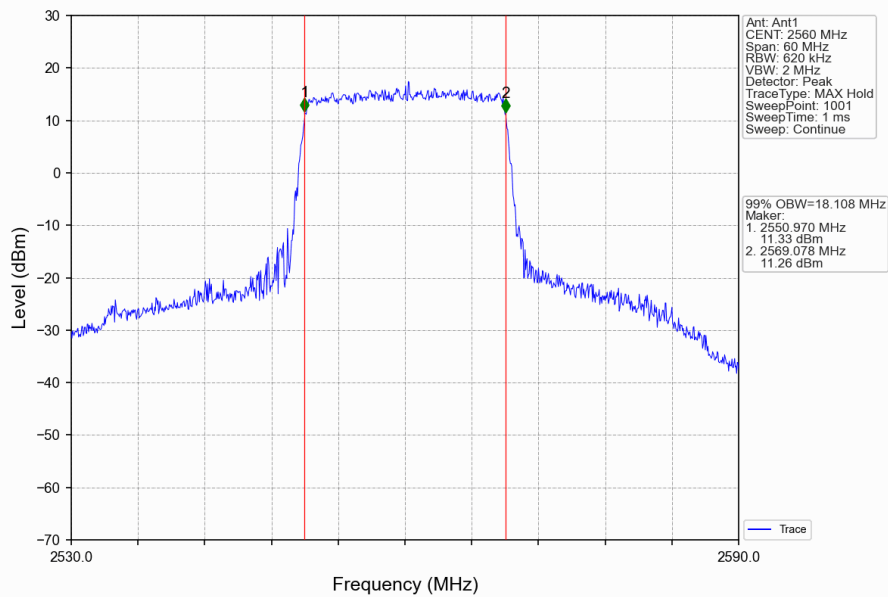




Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV

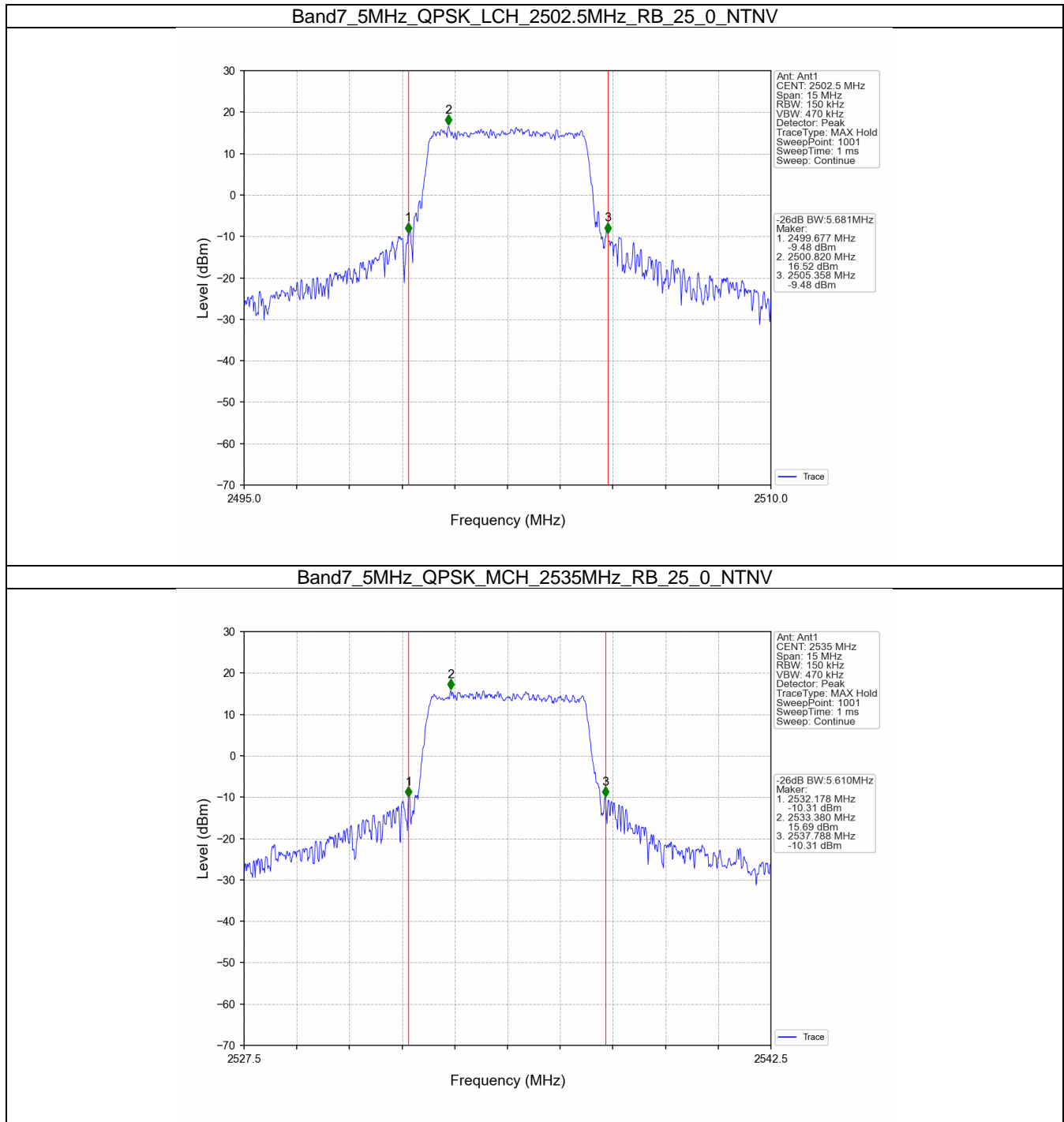


## 8.2 Band7\_XDB

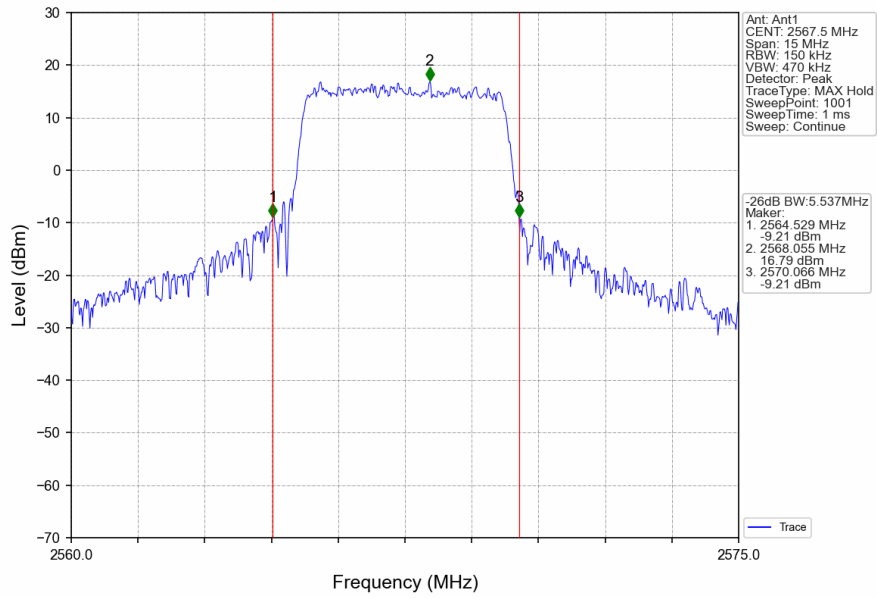
### 8.2.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.681	Pass
		2535	25	0	5.610	Pass
		2567.5	25	0	5.537	Pass
	16QAM	2502.5	25	0	5.760	Pass
		2535	25	0	5.767	Pass
		2567.5	25	0	5.497	Pass
10	QPSK	2505	50	0	10.192	Pass
		2535	50	0	10.611	Pass
		2565	50	0	10.391	Pass
	16QAM	2505	50	0	10.170	Pass
		2535	50	0	10.633	Pass
		2565	50	0	10.359	Pass
15	QPSK	2507.5	75	0	16.056	Pass
		2535	75	0	15.896	Pass
		2562.5	75	0	15.404	Pass
	16QAM	2507.5	75	0	15.419	Pass
		2535	75	0	15.244	Pass
		2562.5	75	0	15.648	Pass
20	QPSK	2510	100	0	20.550	Pass
		2535	100	0	20.742	Pass
		2560	100	0	20.829	Pass
	16QAM	2510	100	0	20.382	Pass
		2535	100	0	21.428	Pass
		2560	100	0	19.926	Pass

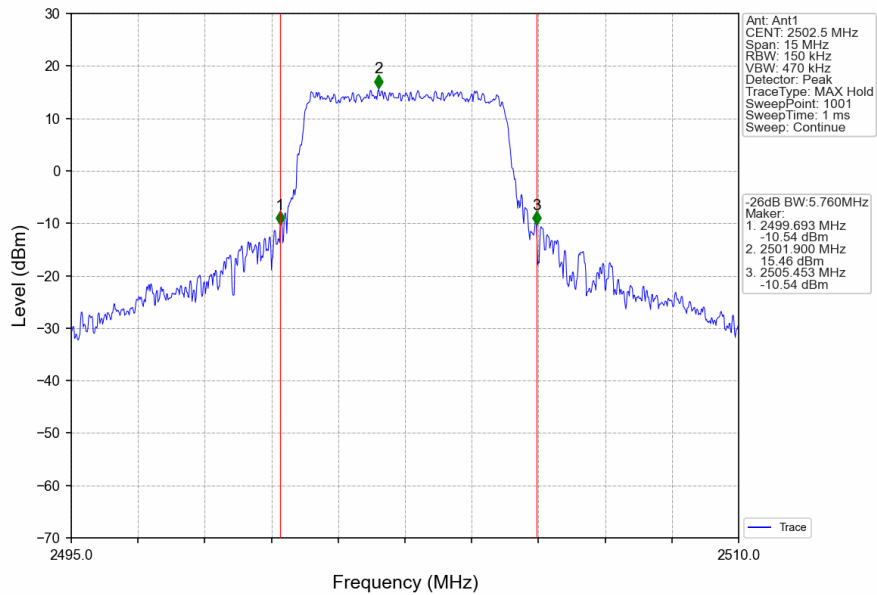
## 8.2.2 Test Graph



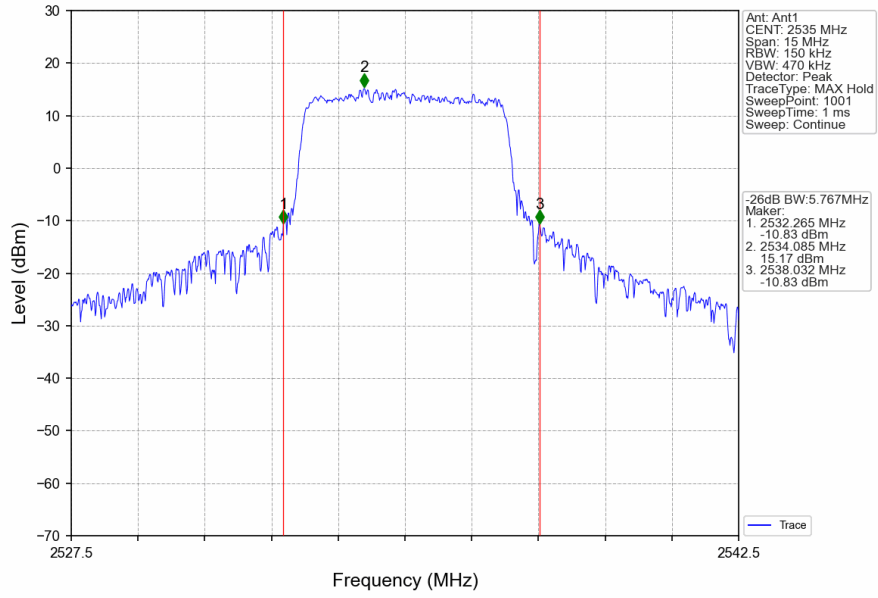
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



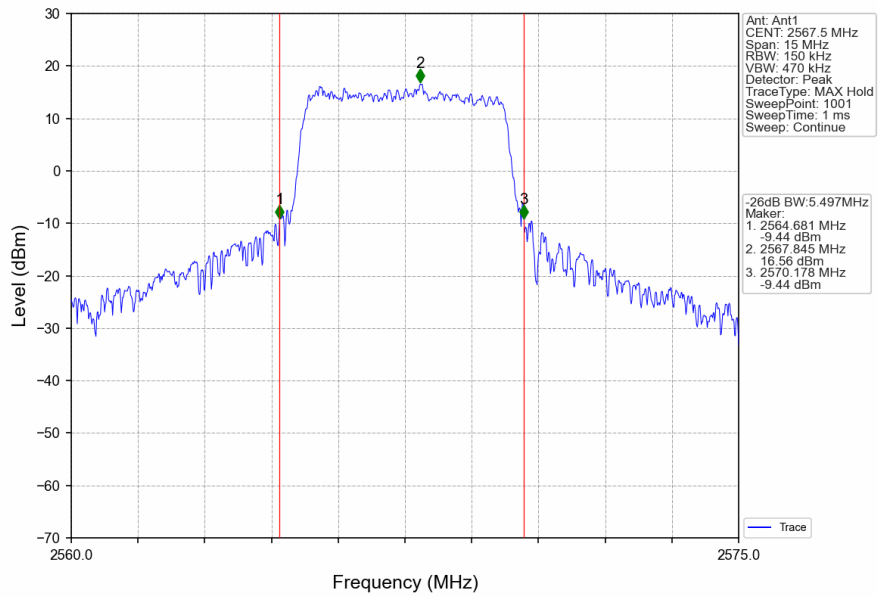
Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



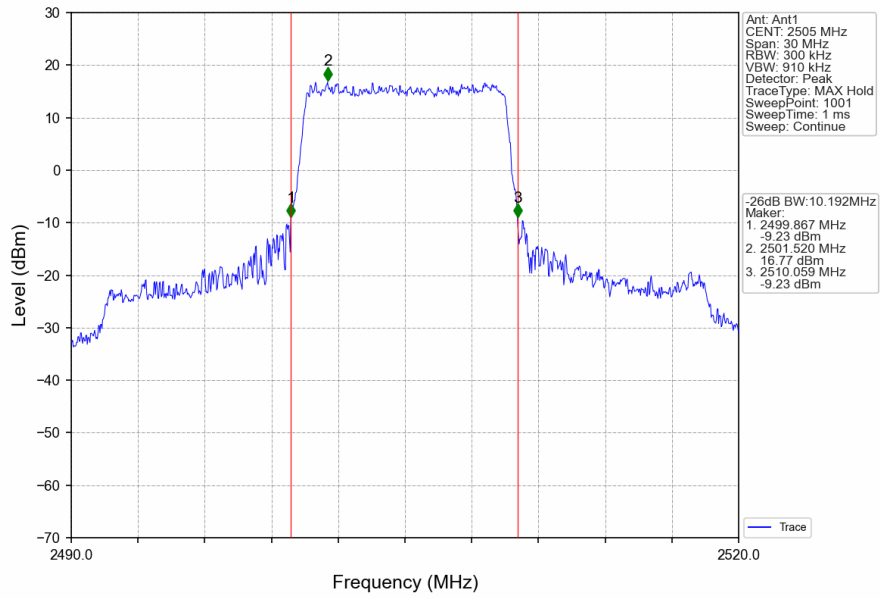
Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV



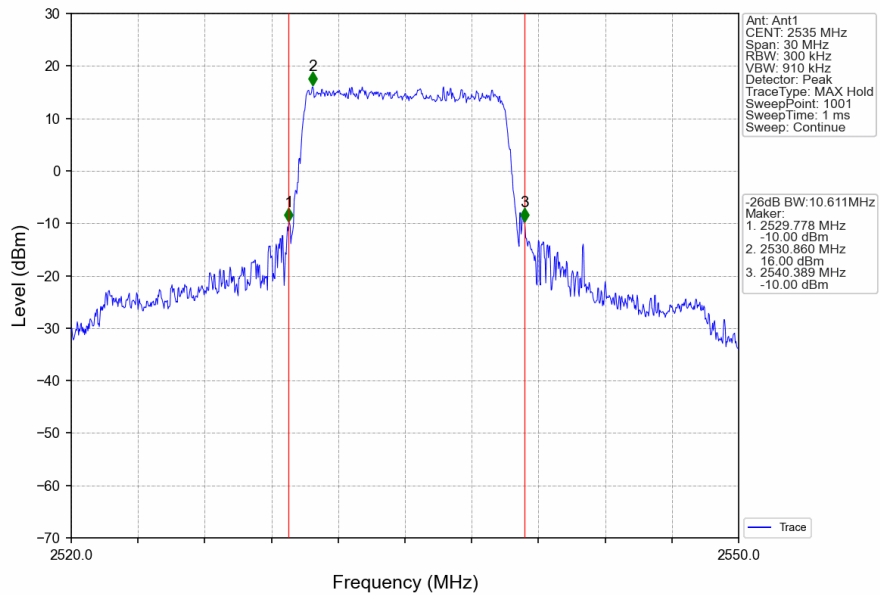
Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



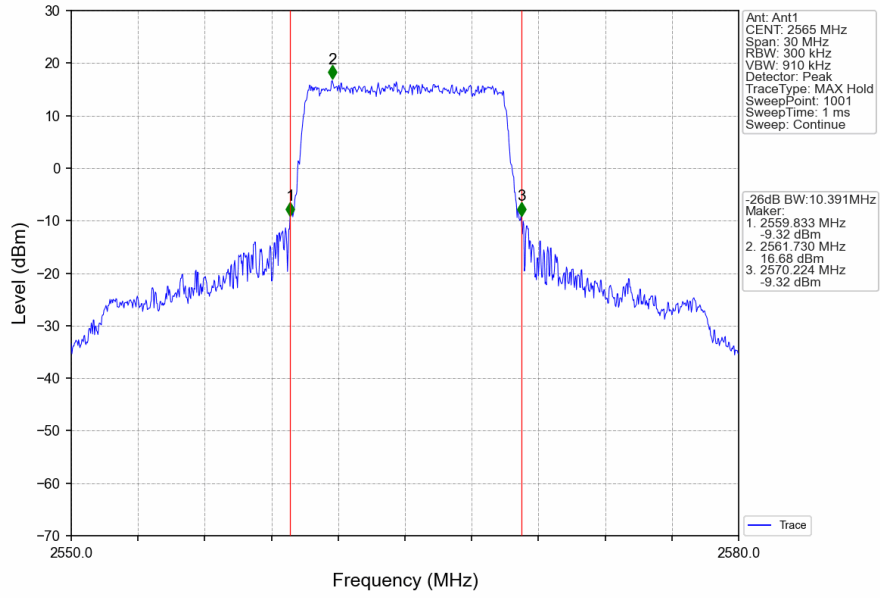
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_50\_0\_NTNV



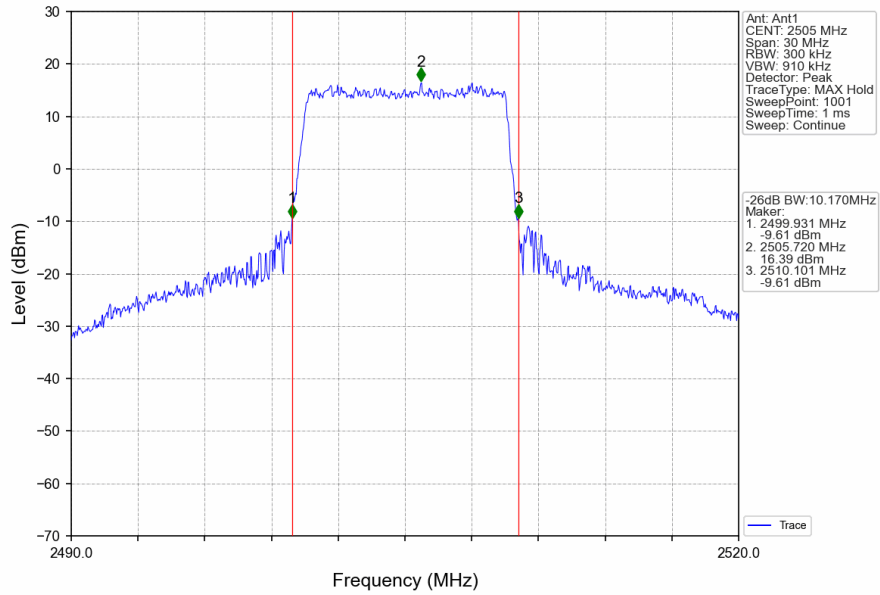
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_50\_0\_NTNV



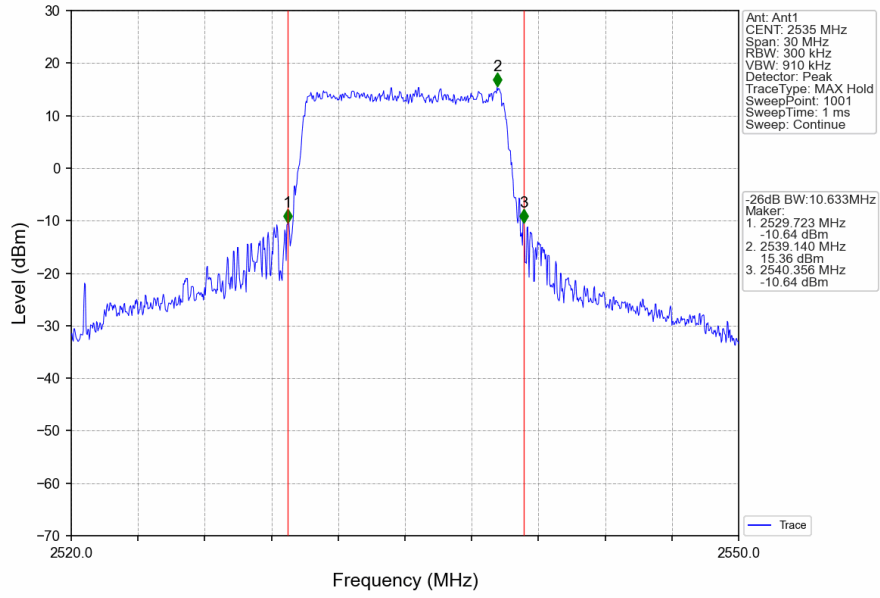
Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_50\_0\_NTNV



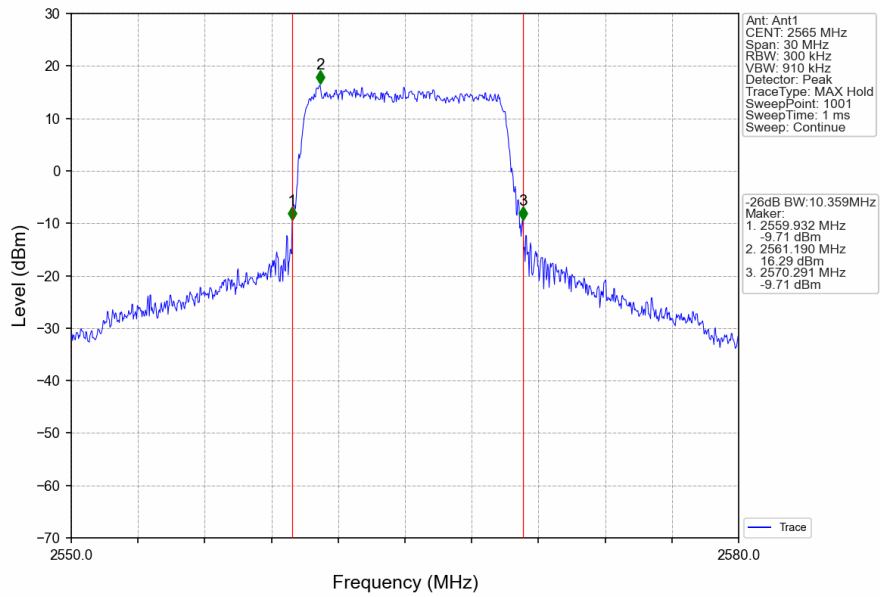
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV

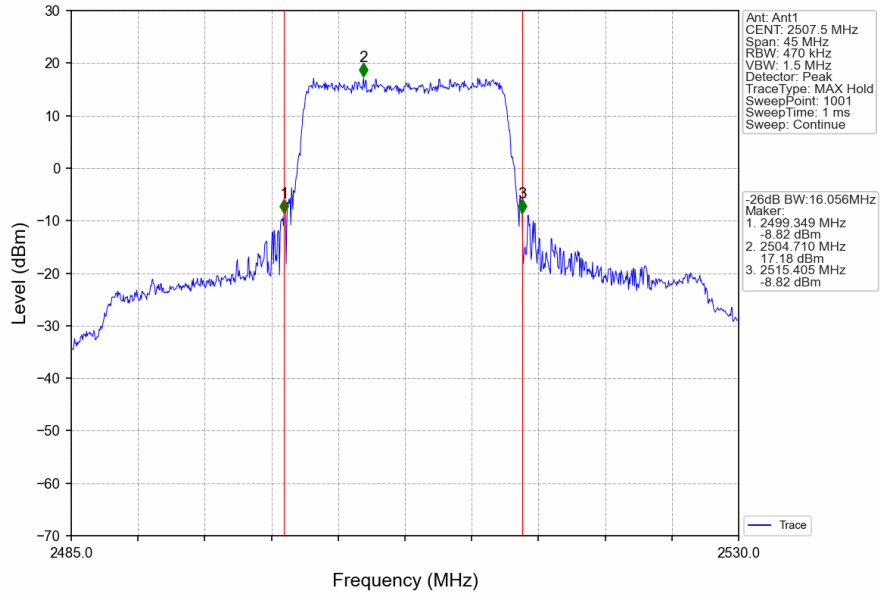


Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV

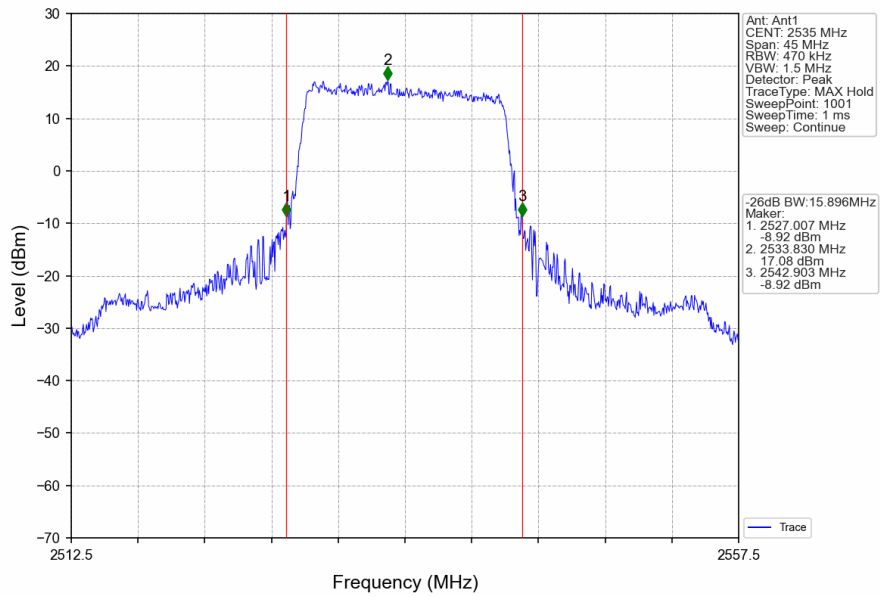




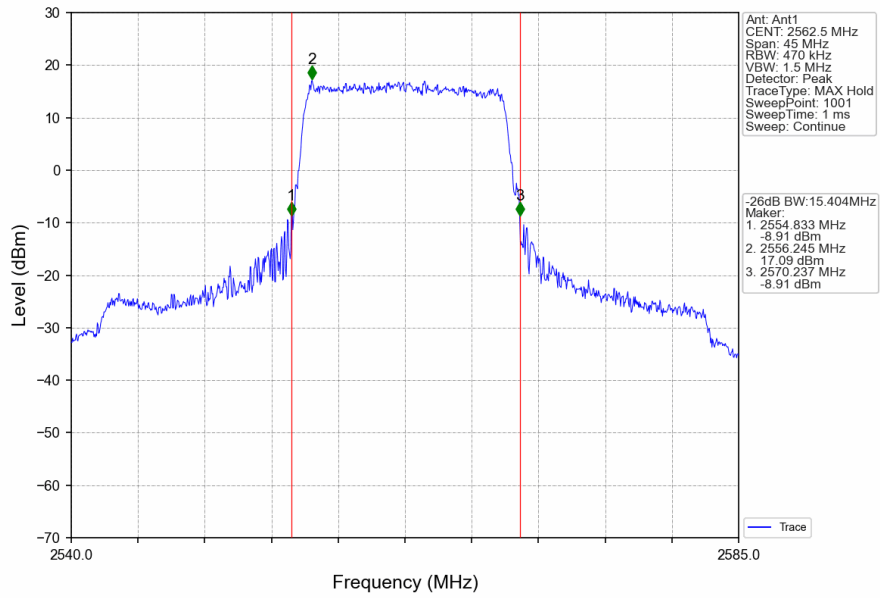
Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



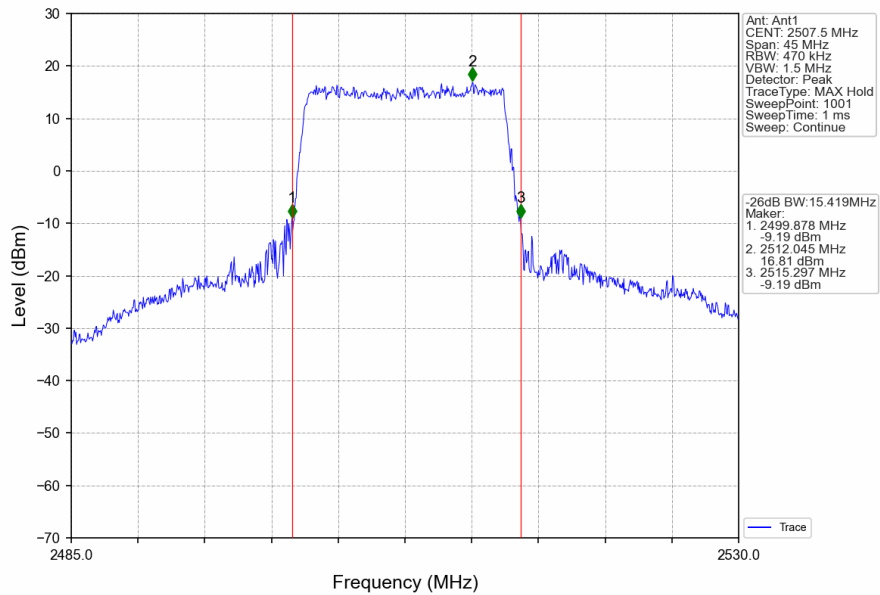
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_75\_0\_NTNV



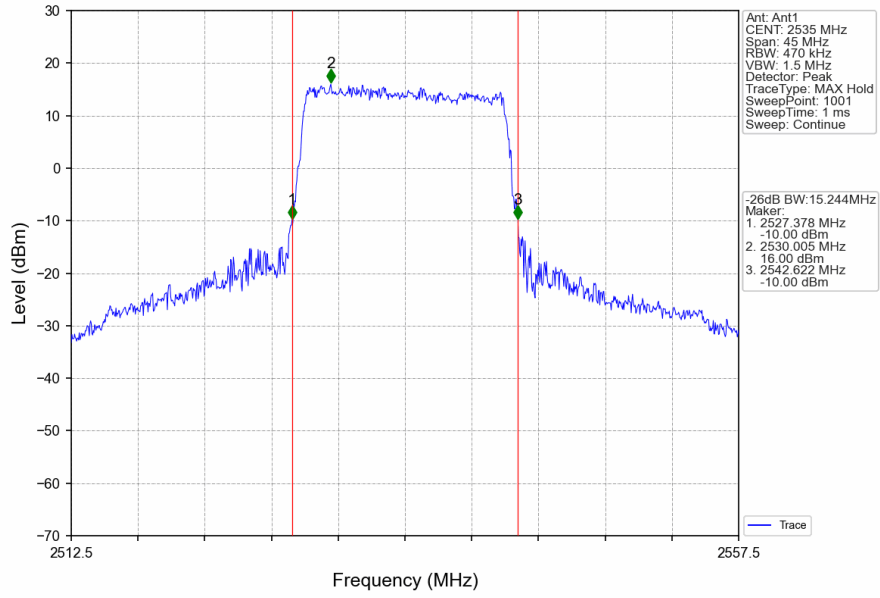
Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV

