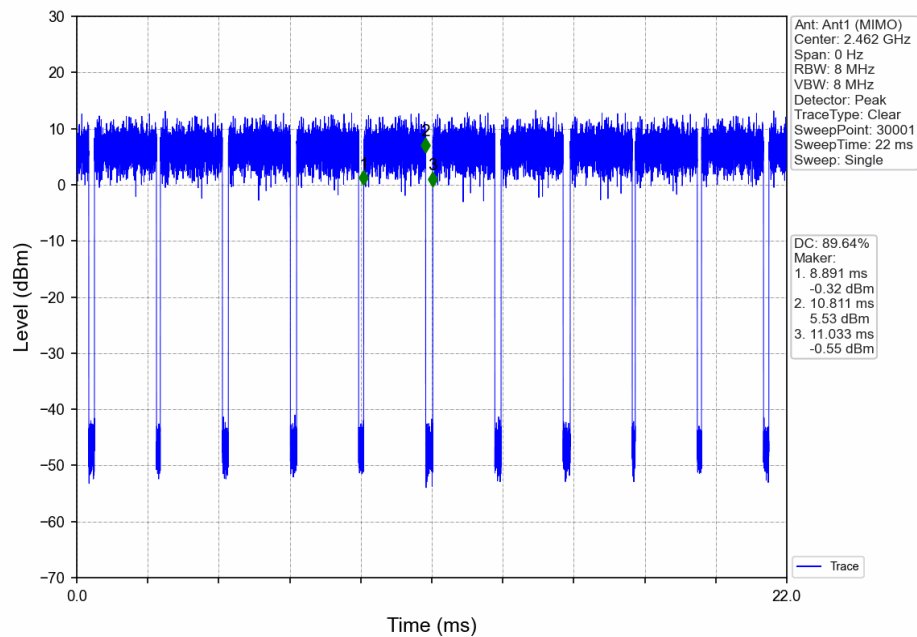
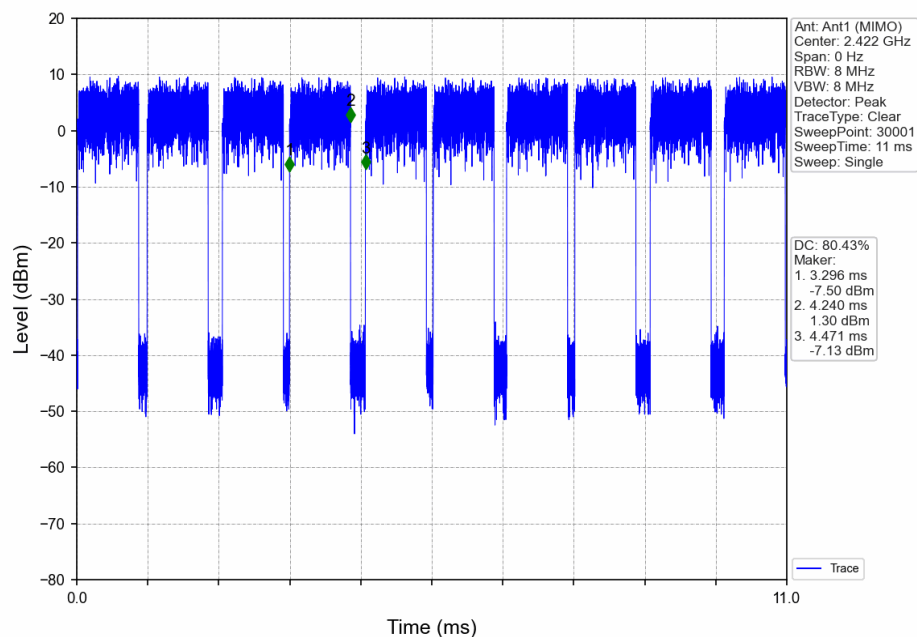


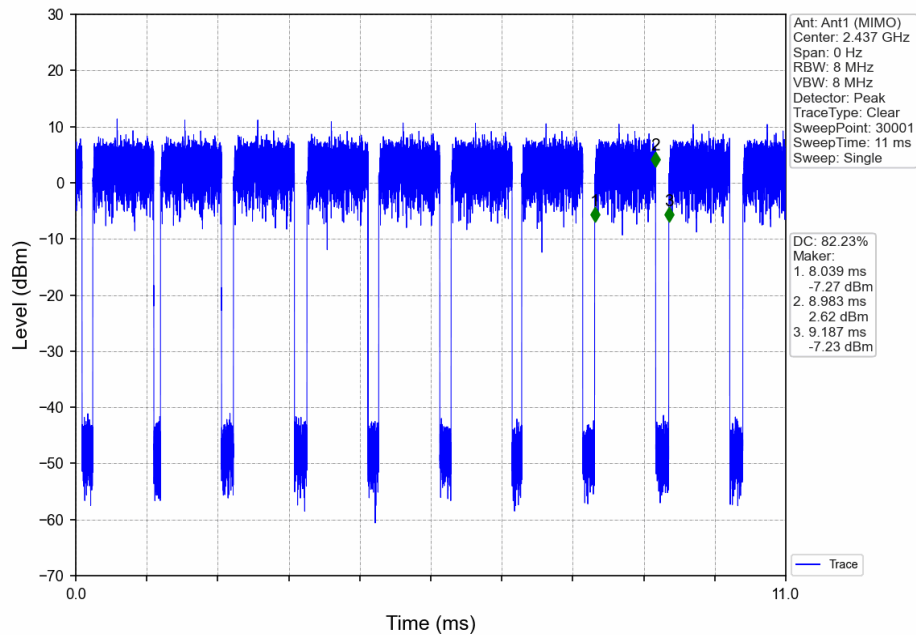
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



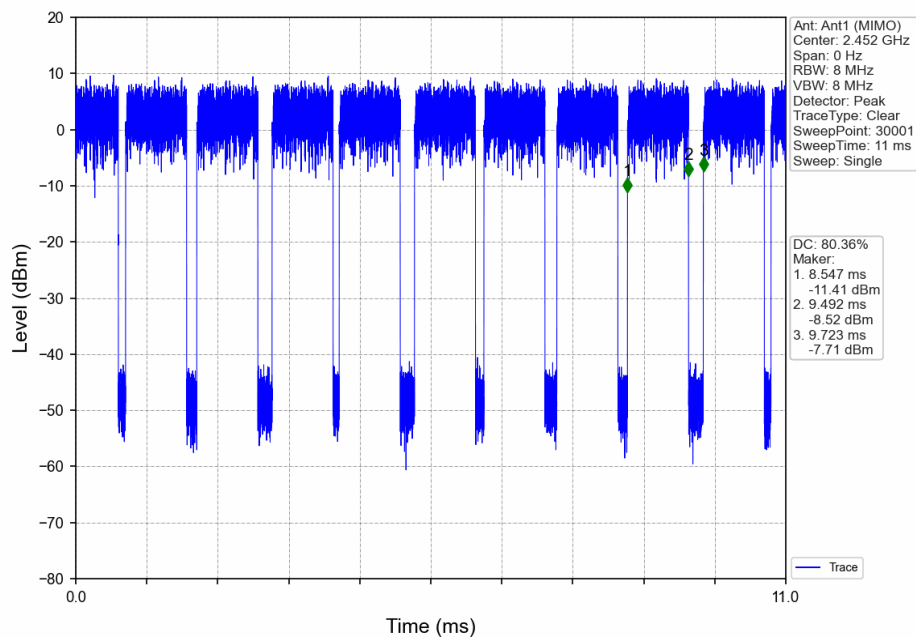
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



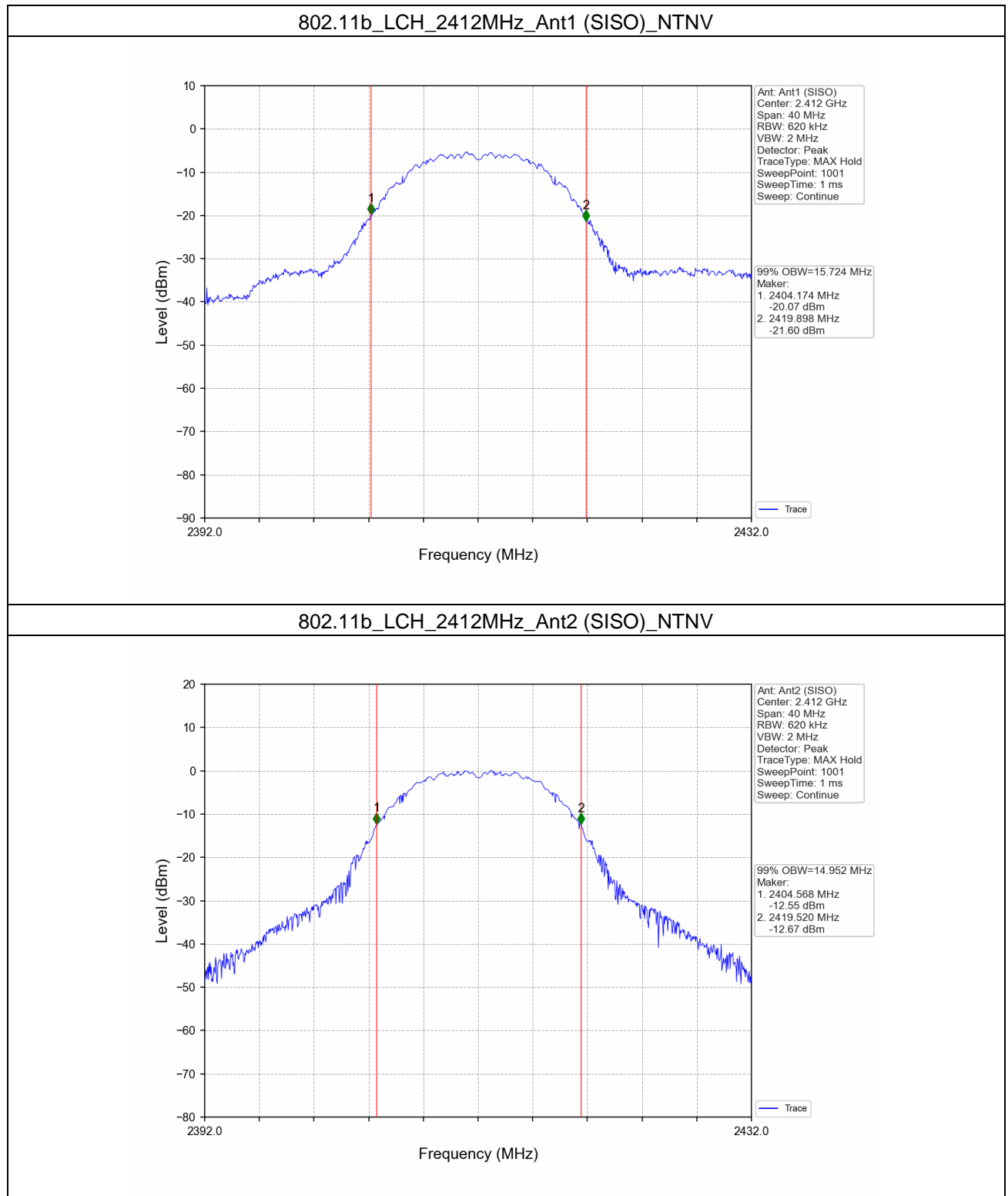
## 2. Bandwidth

## 2.1 OBW

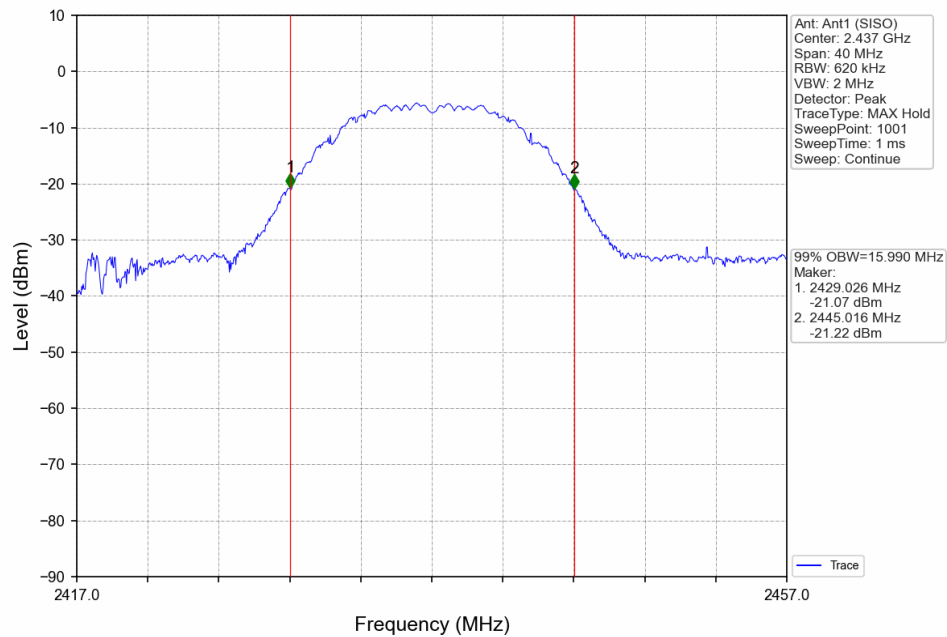
## 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	15.724	Pass
			2	14.952	Pass
		2437	1	15.990	Pass
			2	14.932	Pass
		2462	1	16.076	Pass
			2	14.942	Pass
802.11g	SISO	2412	1	16.934	Pass
			2	17.334	Pass
		2437	1	17.100	Pass
			2	17.309	Pass
		2462	1	16.904	Pass
			2	17.189	Pass
802.11n (HT20)	MIMO	2412	1	18.556	Pass
			2	18.567	Pass
		2437	1	18.460	Pass
			2	18.404	Pass
		2462	1	18.527	Pass
			2	18.413	Pass
802.11n (HT40)	MIMO	2422	1	36.752	Pass
			2	36.638	Pass
		2437	1	36.848	Pass
			2	36.542	Pass
		2452	1	36.670	Pass
			2	36.653	Pass

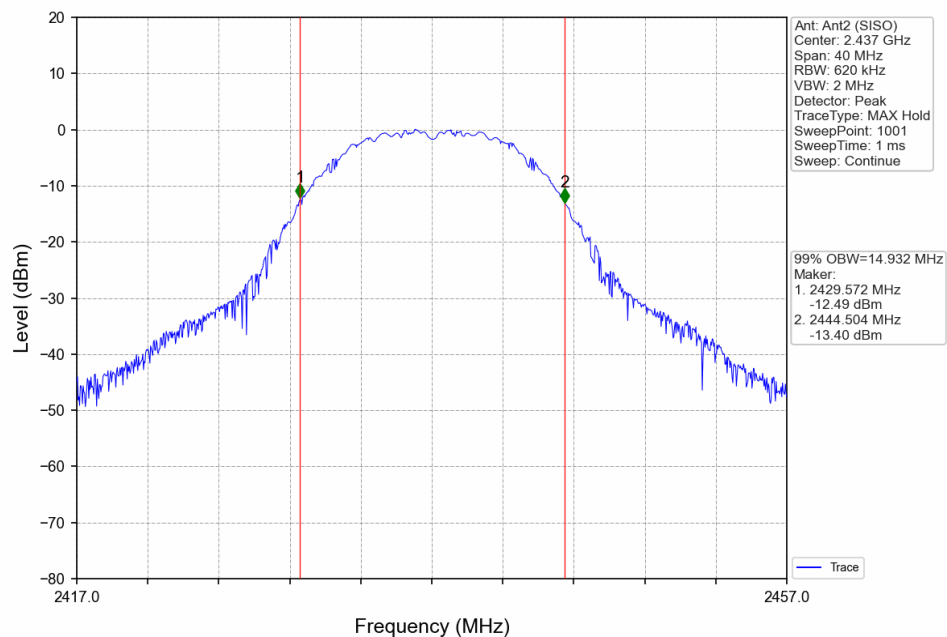
### 2.1.2 Test Graph



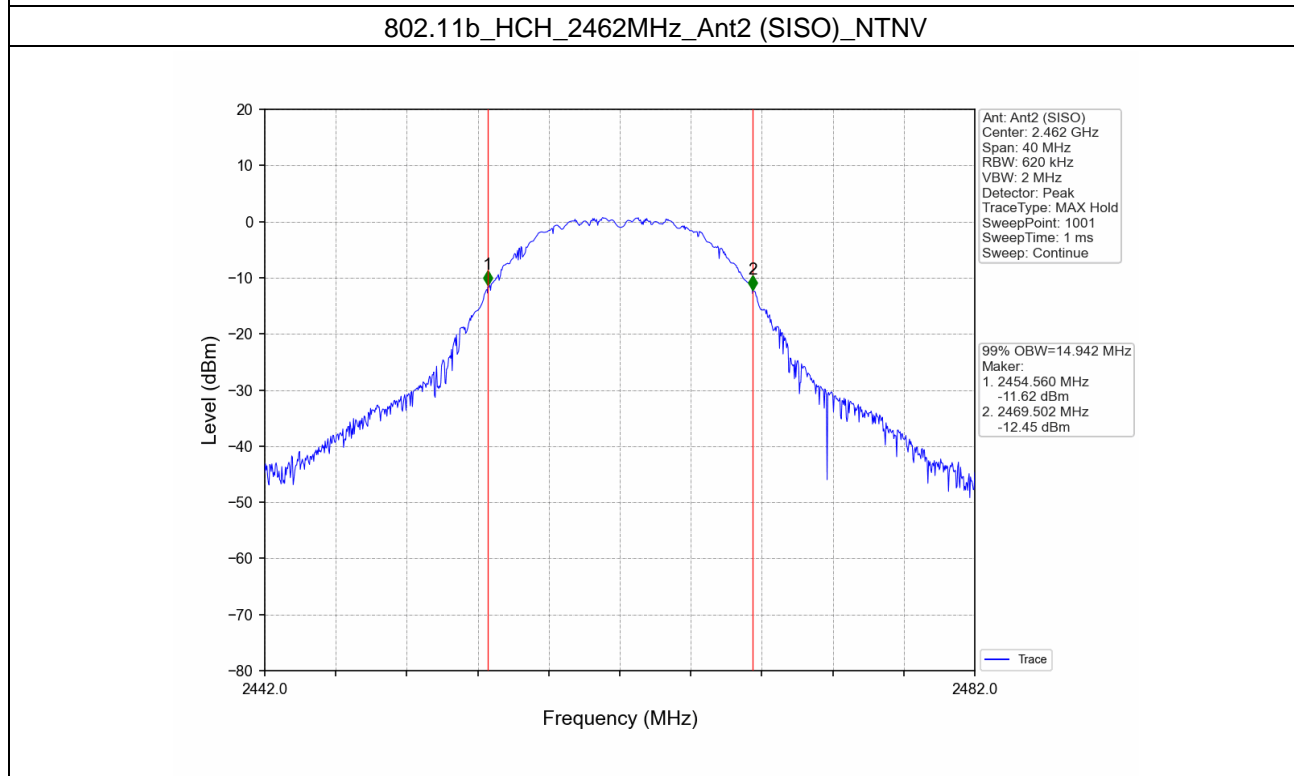
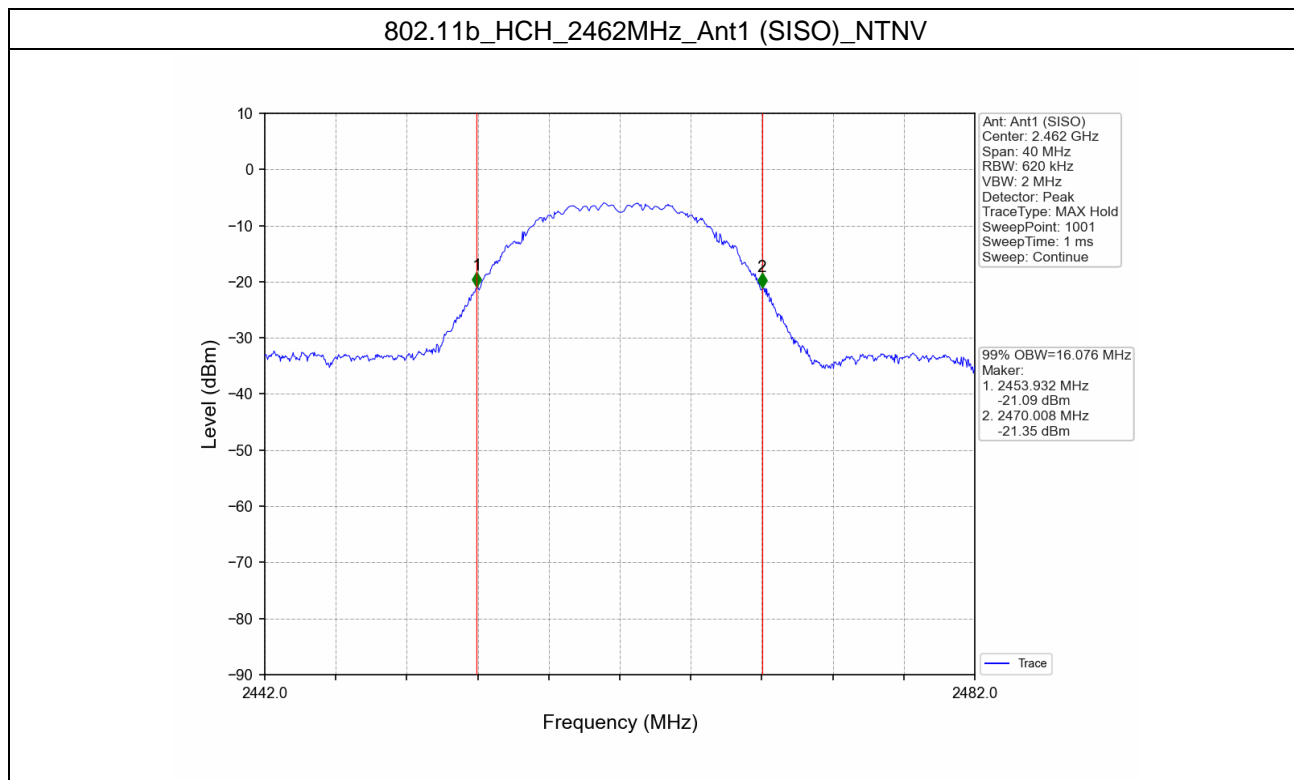
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV







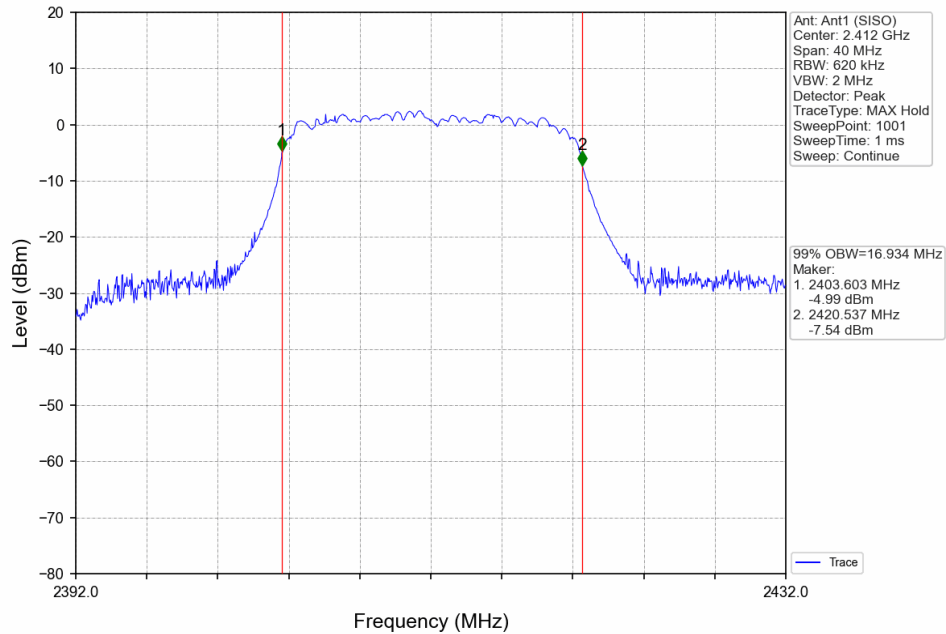
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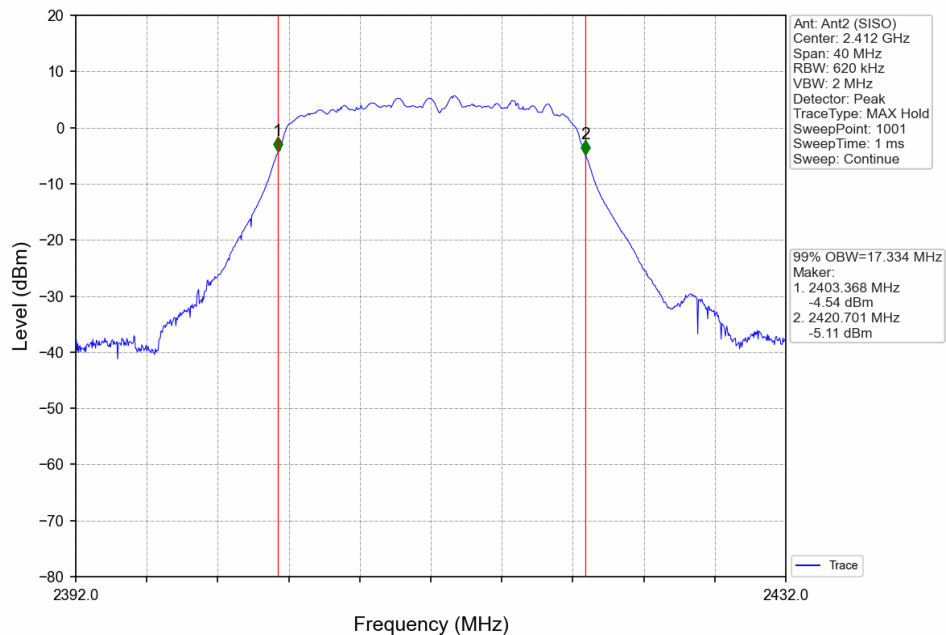
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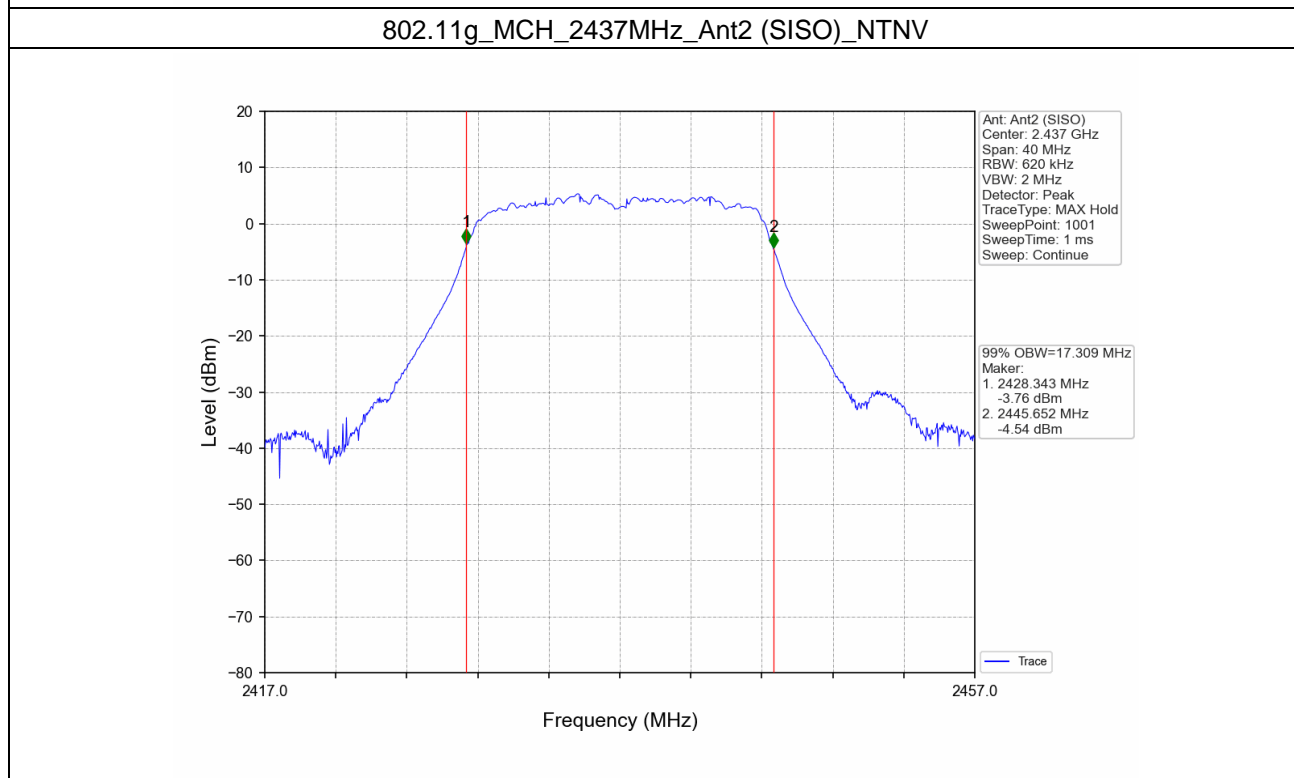
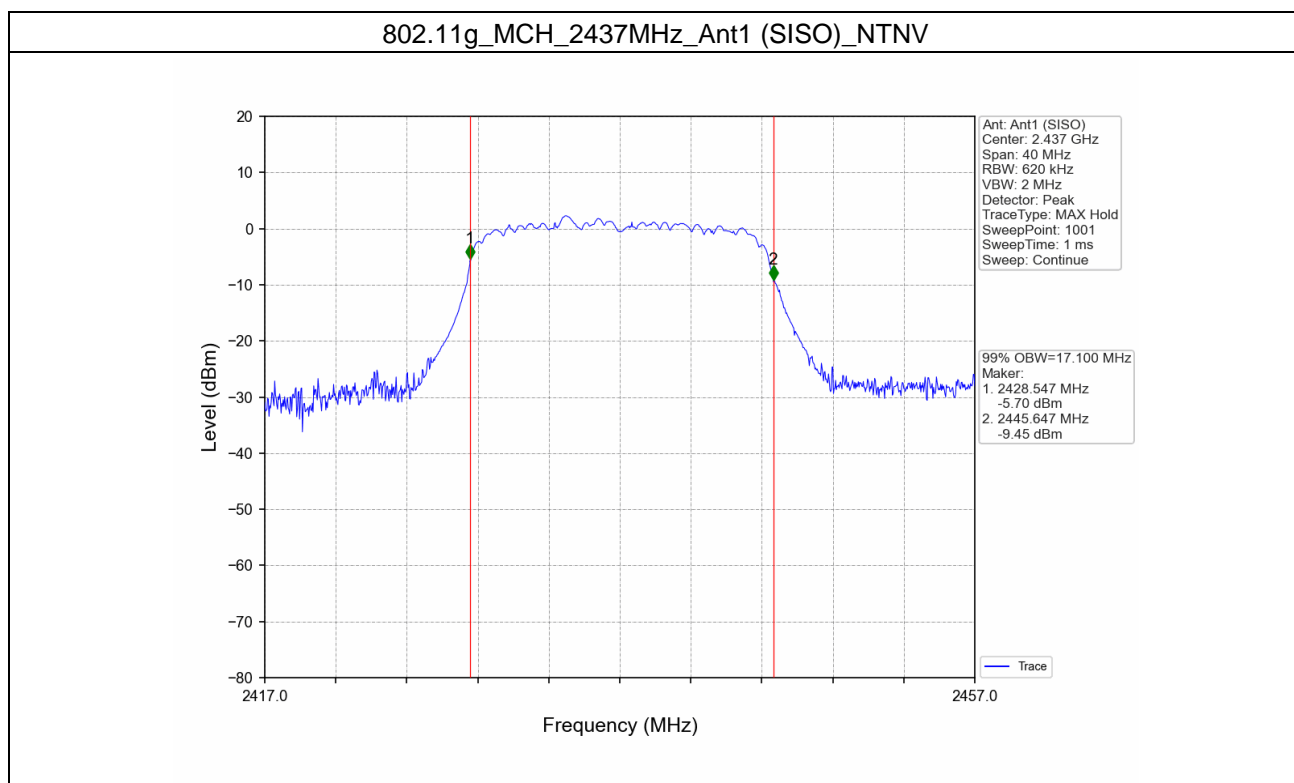
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802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV





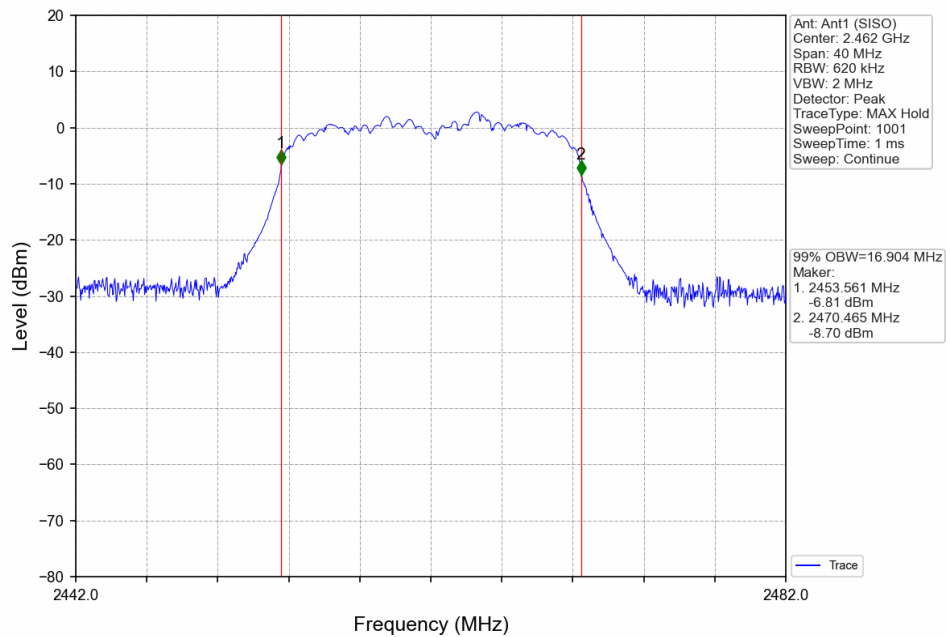
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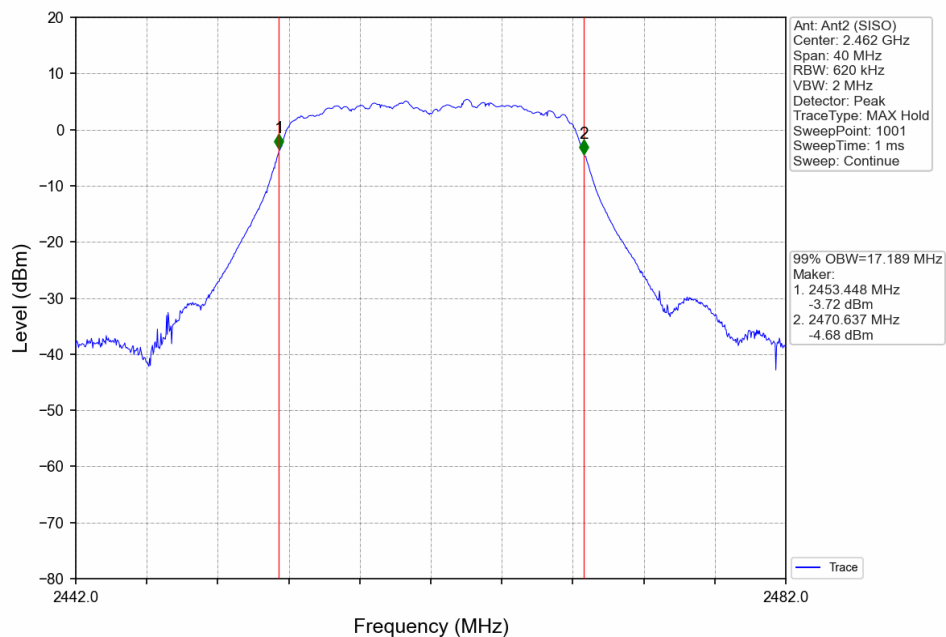
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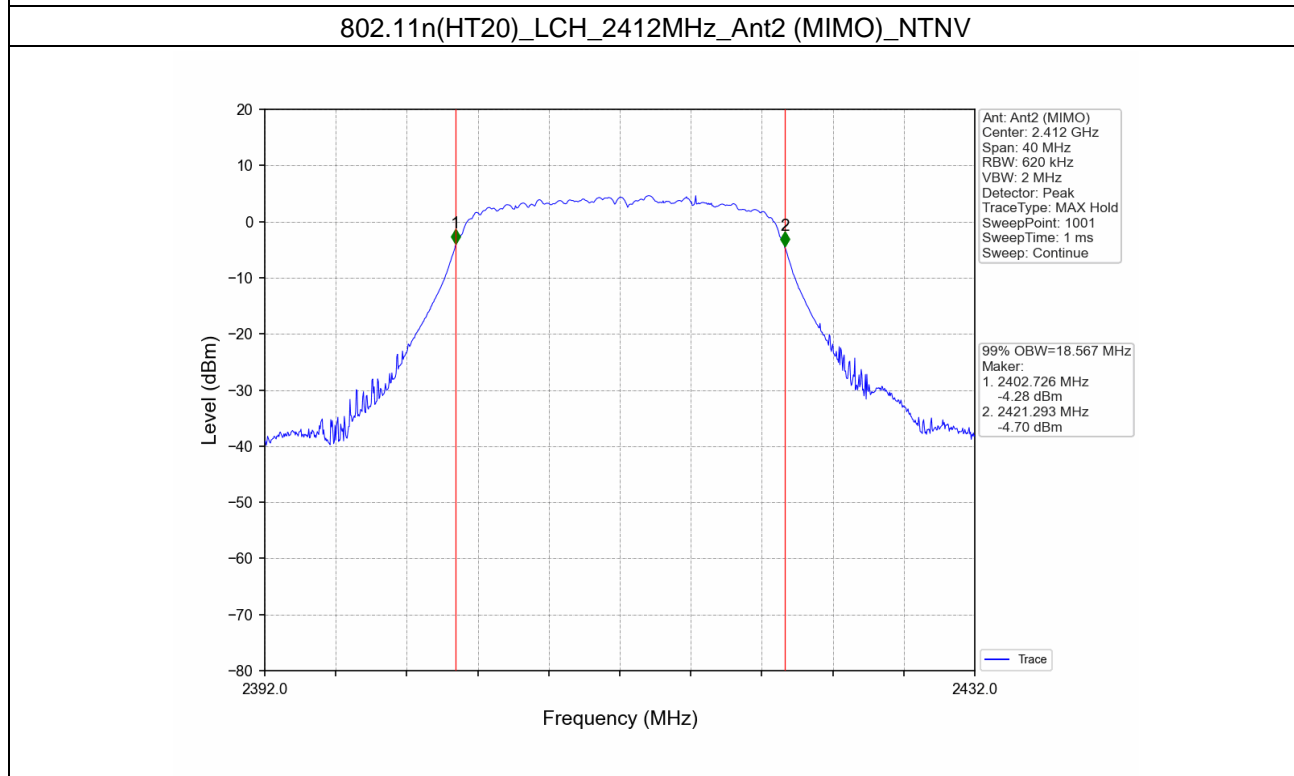
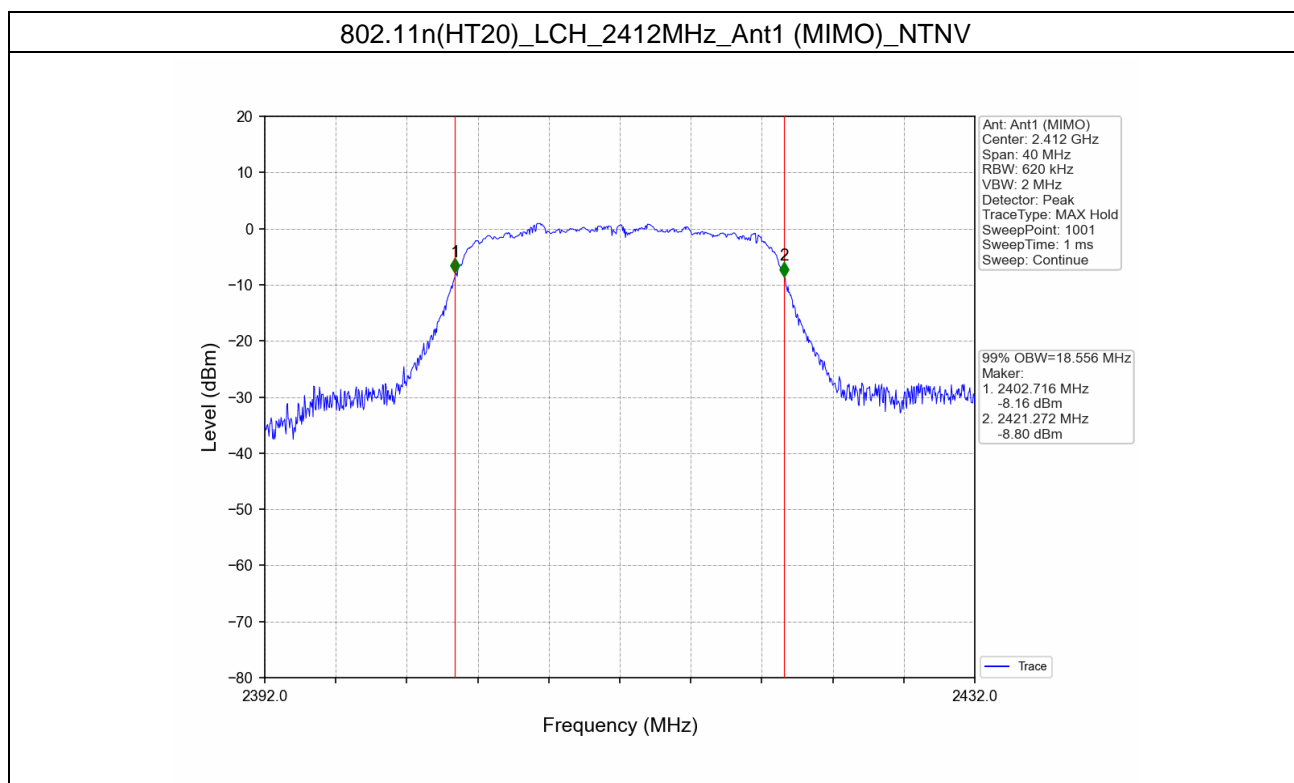


802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



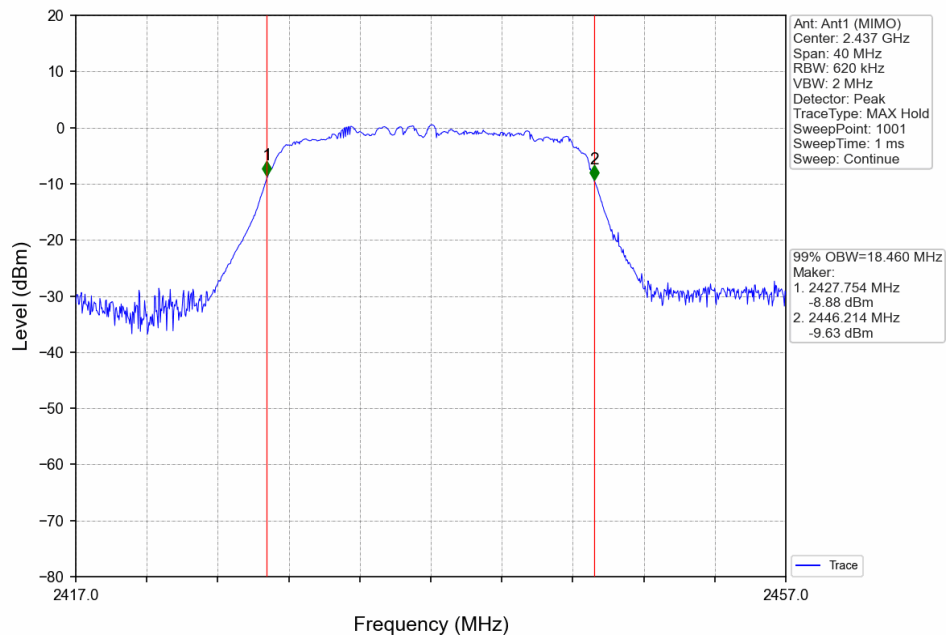


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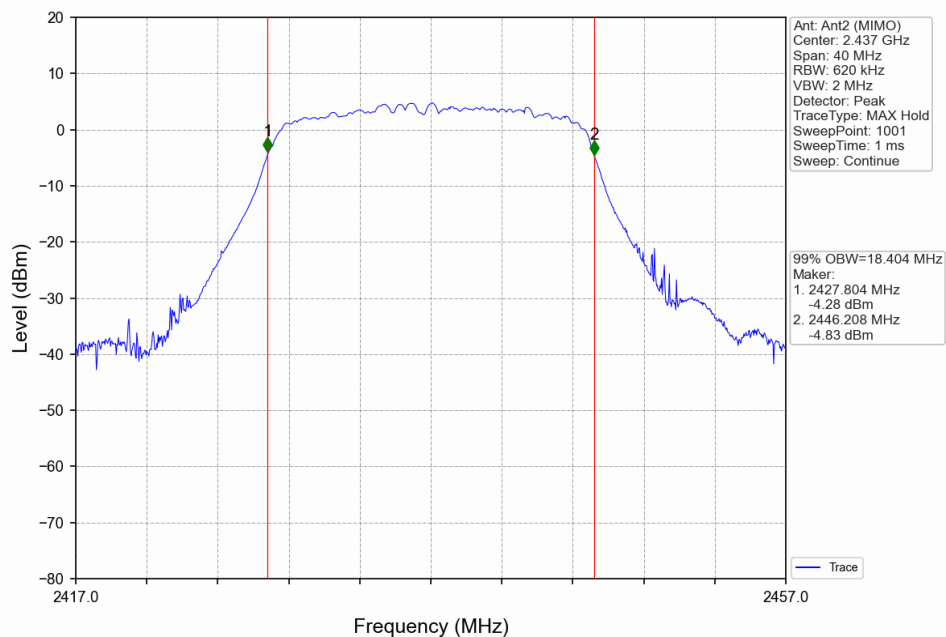
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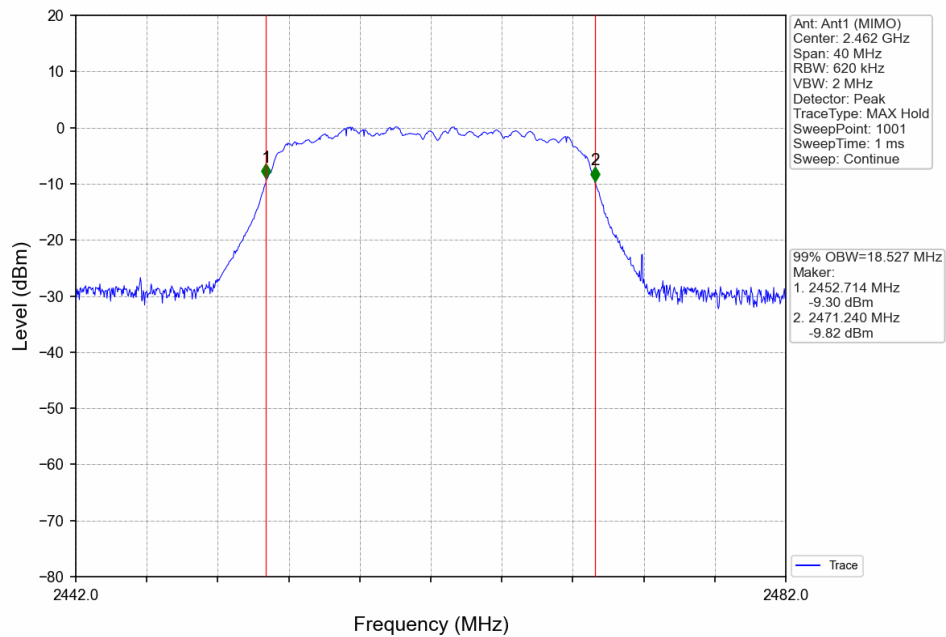
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



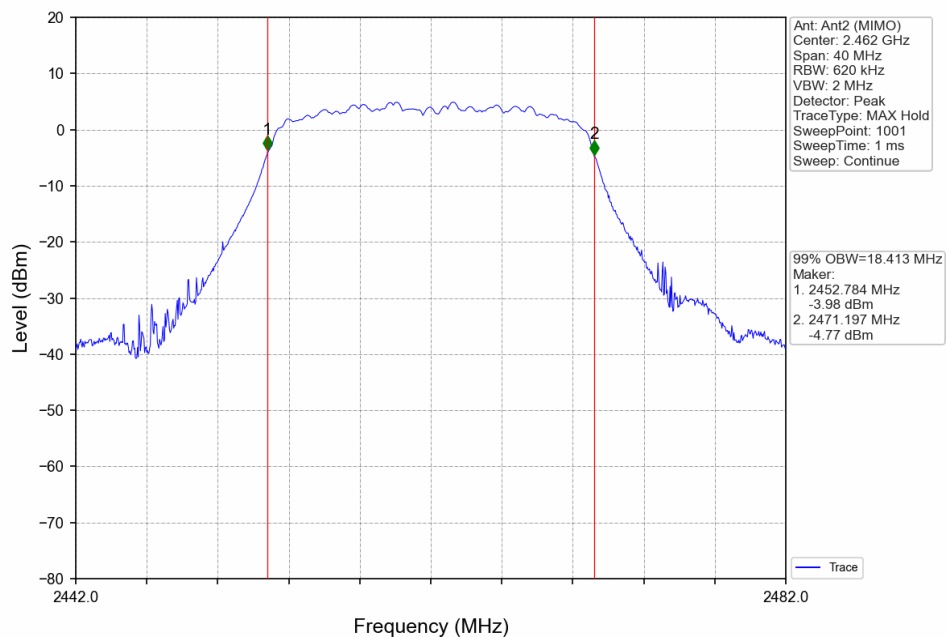
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV

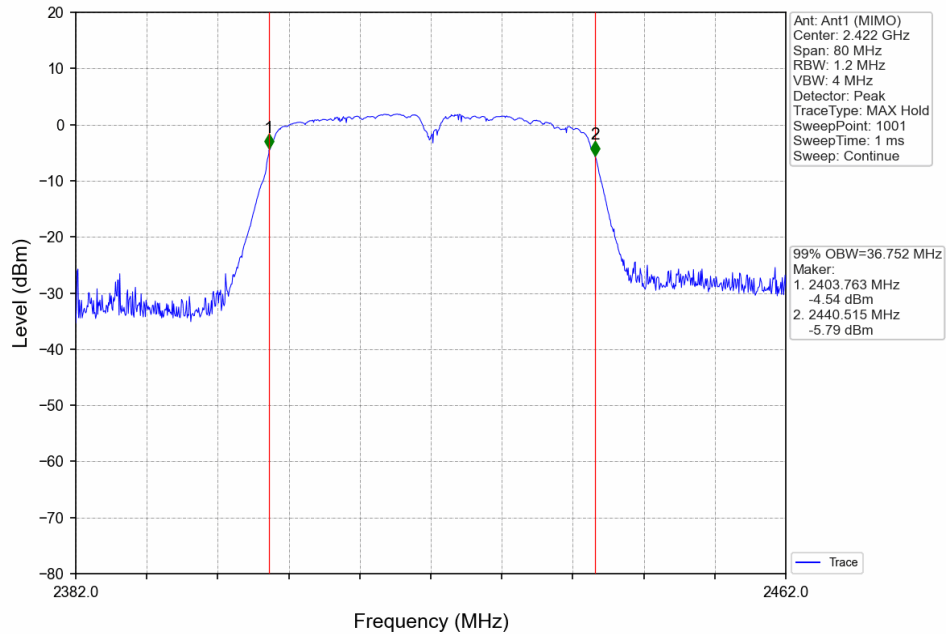


802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV

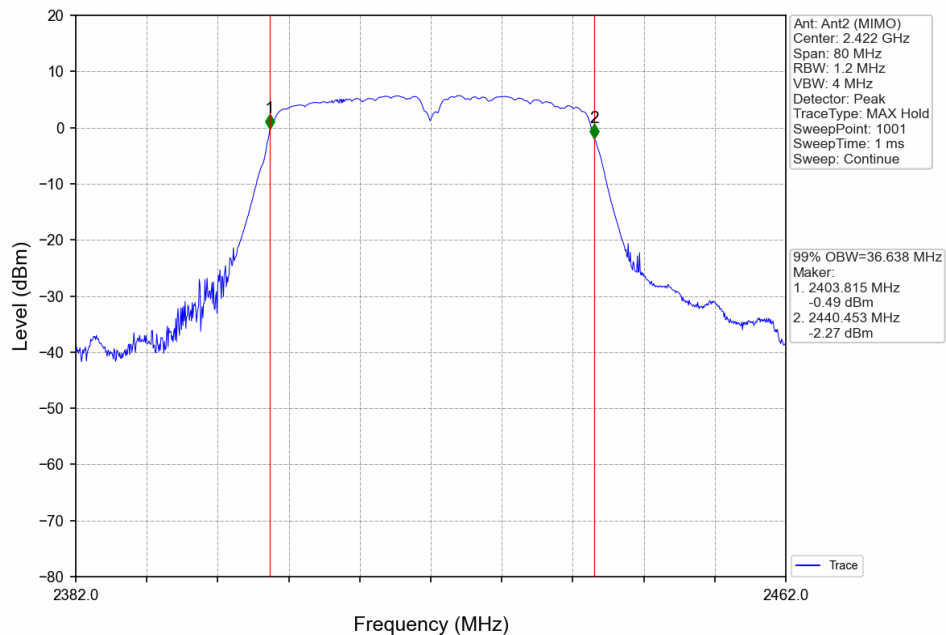




802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV

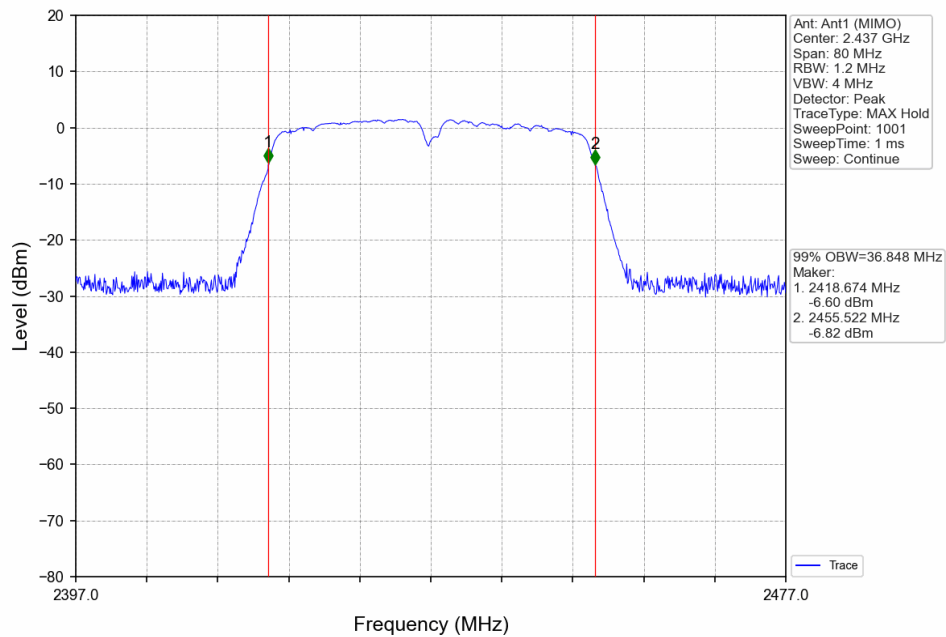


802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV

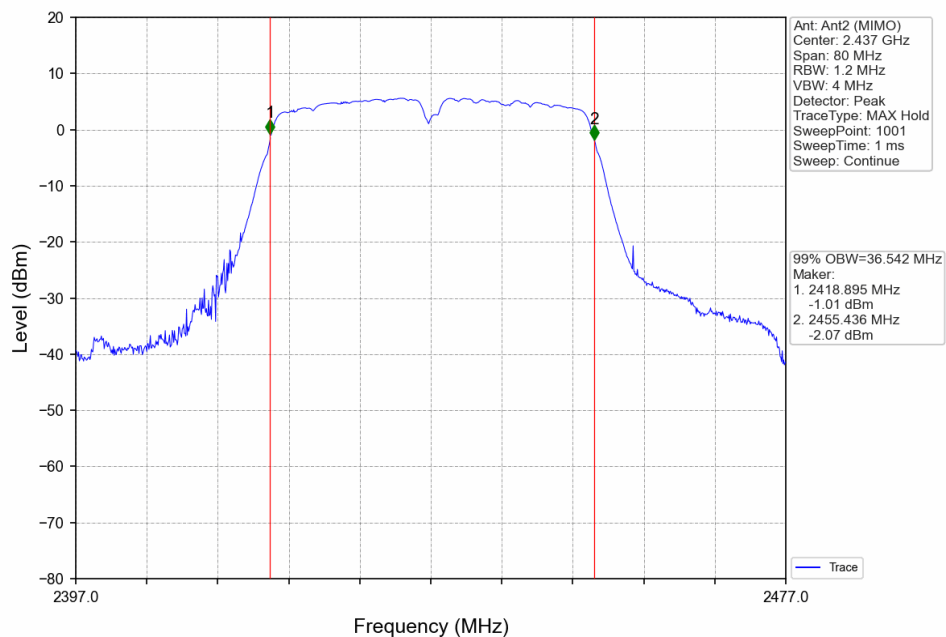


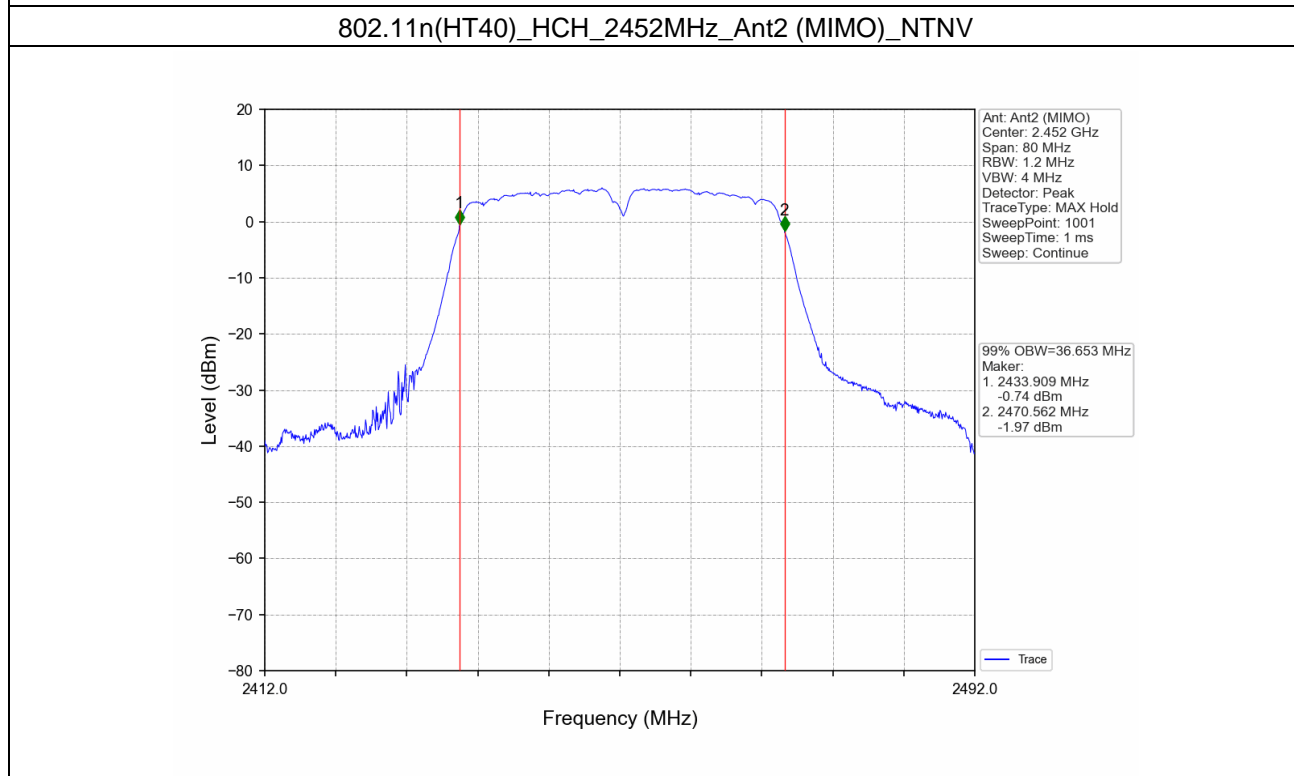
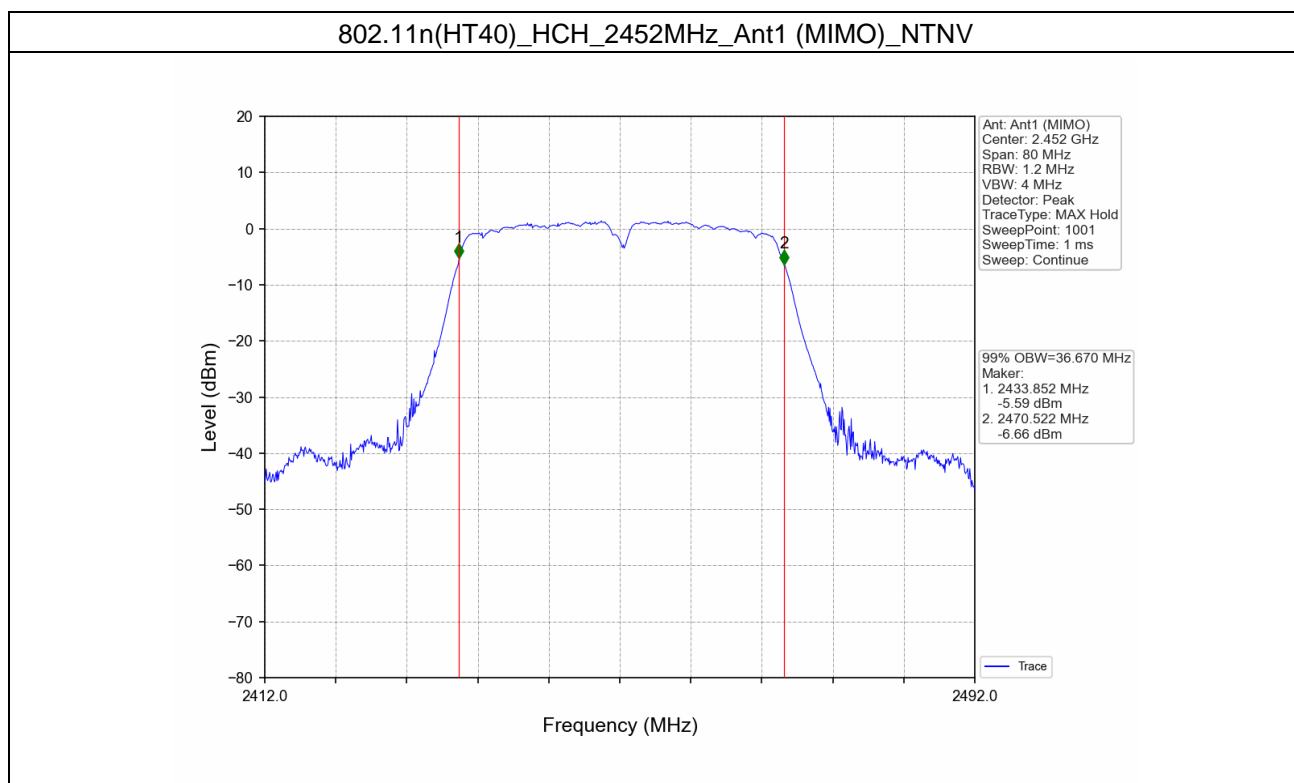


### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



### 802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV





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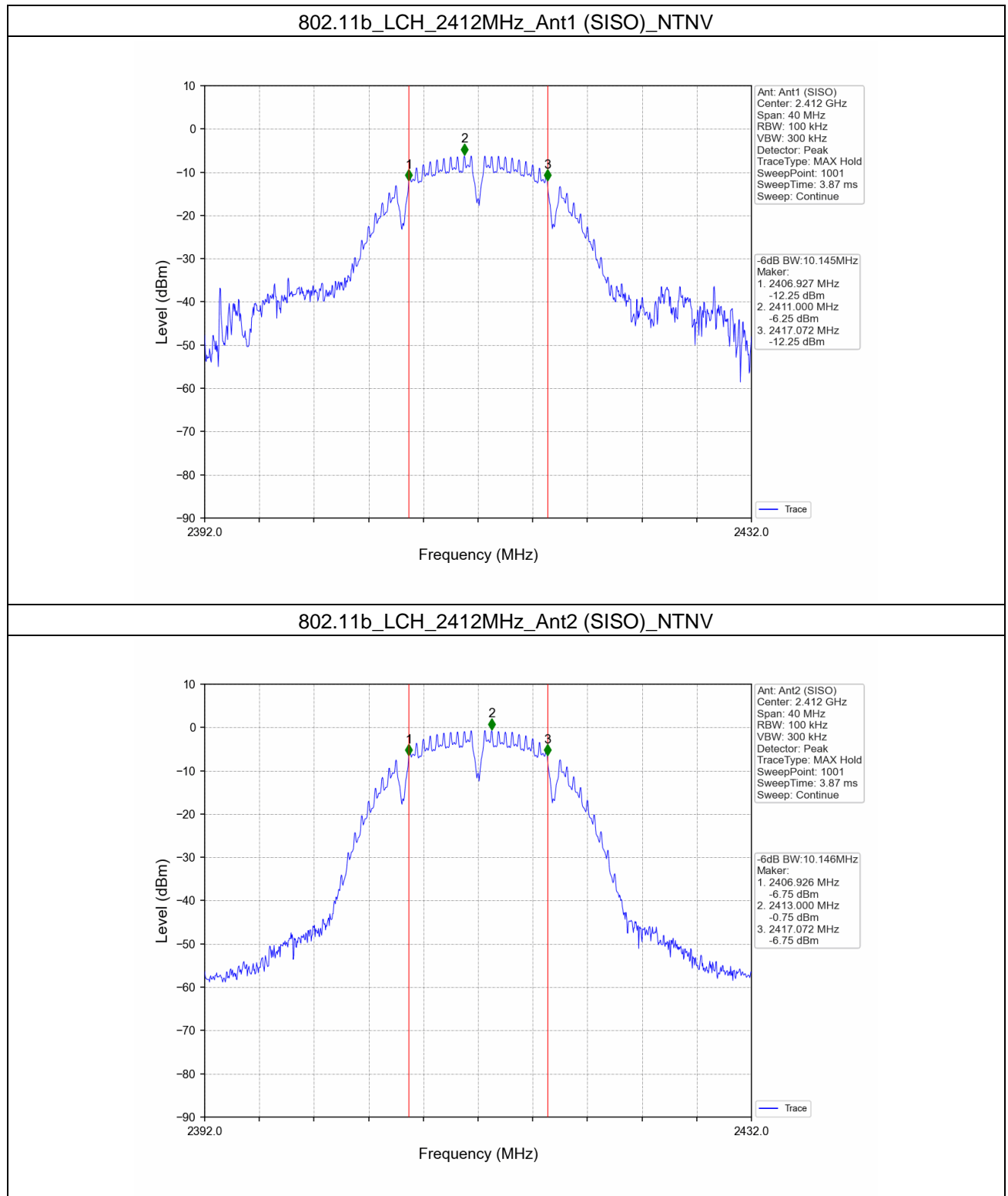
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## 2.2 6dB BW

## 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.145	$\geq 0.5$	Pass
			2	10.146	$\geq 0.5$	Pass
		2437	1	10.145	$\geq 0.5$	Pass
			2	10.147	$\geq 0.5$	Pass
		2462	1	10.143	$\geq 0.5$	Pass
			2	10.148	$\geq 0.5$	Pass
802.11g	SISO	2412	1	16.334	$\geq 0.5$	Pass
			2	15.836	$\geq 0.5$	Pass
		2437	1	16.089	$\geq 0.5$	Pass
			2	15.835	$\geq 0.5$	Pass
		2462	1	16.333	$\geq 0.5$	Pass
			2	15.589	$\geq 0.5$	Pass
802.11n (HT20)	MIMO	2412	1	16.844	$\geq 0.5$	Pass
			2	16.787	$\geq 0.5$	Pass
		2437	1	16.326	$\geq 0.5$	Pass
			2	15.984	$\geq 0.5$	Pass
		2462	1	16.333	$\geq 0.5$	Pass
			2	15.796	$\geq 0.5$	Pass
802.11n (HT40)	MIMO	2422	1	35.180	$\geq 0.5$	Pass
			2	35.186	$\geq 0.5$	Pass
		2437	1	35.181	$\geq 0.5$	Pass
			2	35.184	$\geq 0.5$	Pass
		2452	1	35.176	$\geq 0.5$	Pass
			2	35.185	$\geq 0.5$	Pass

### 2.2.2 Test Graph



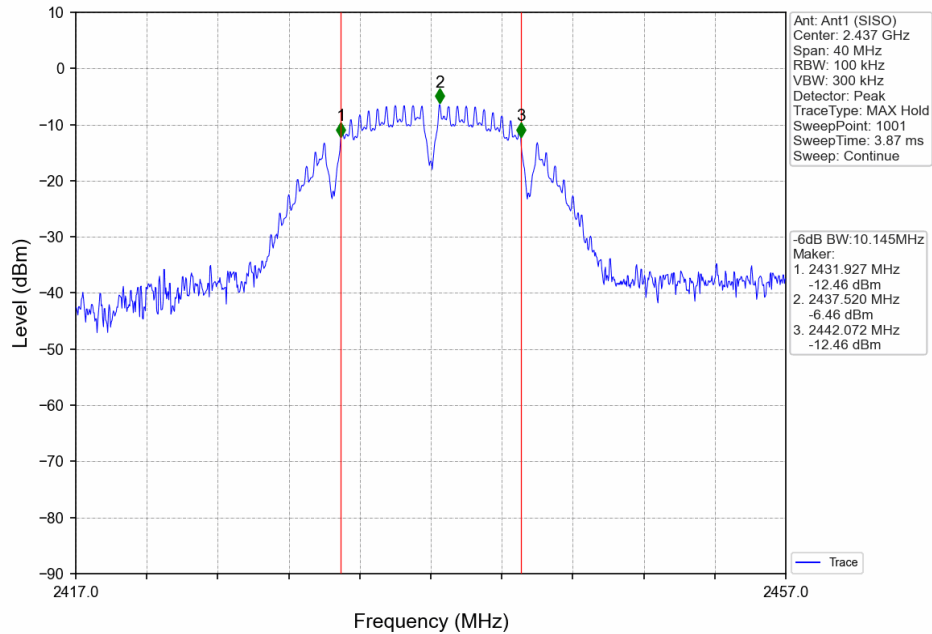
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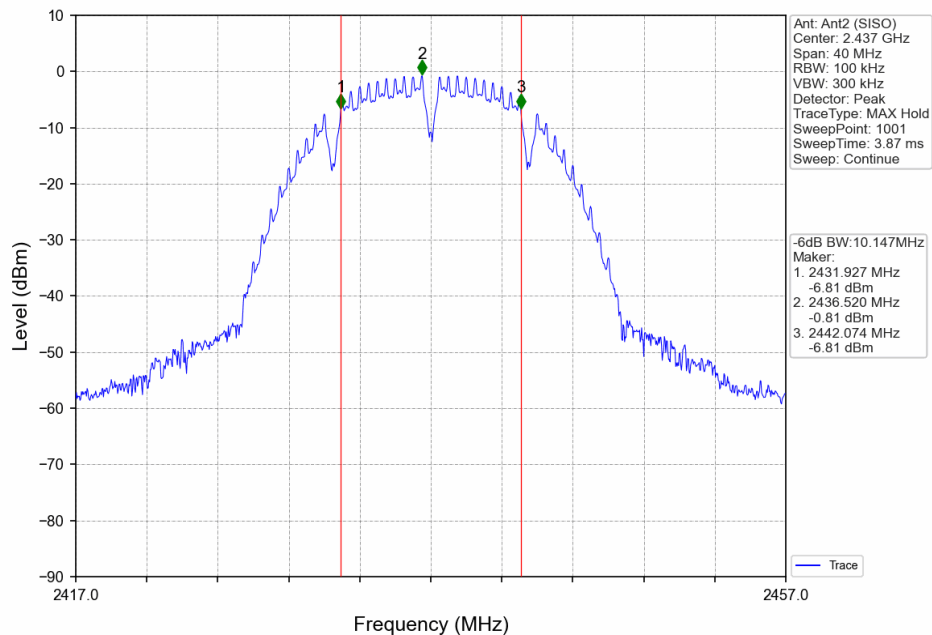
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### 802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

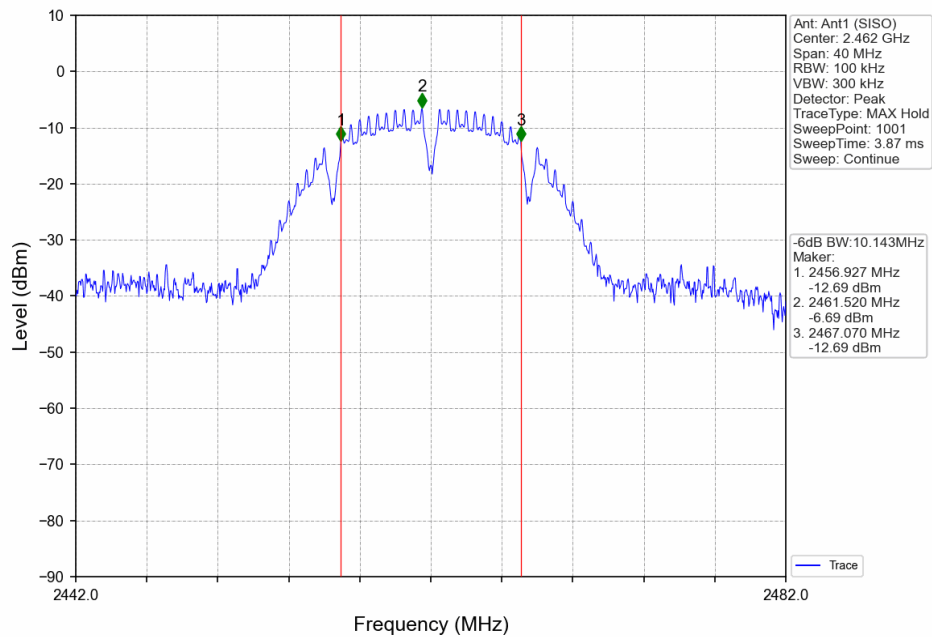


### 802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV

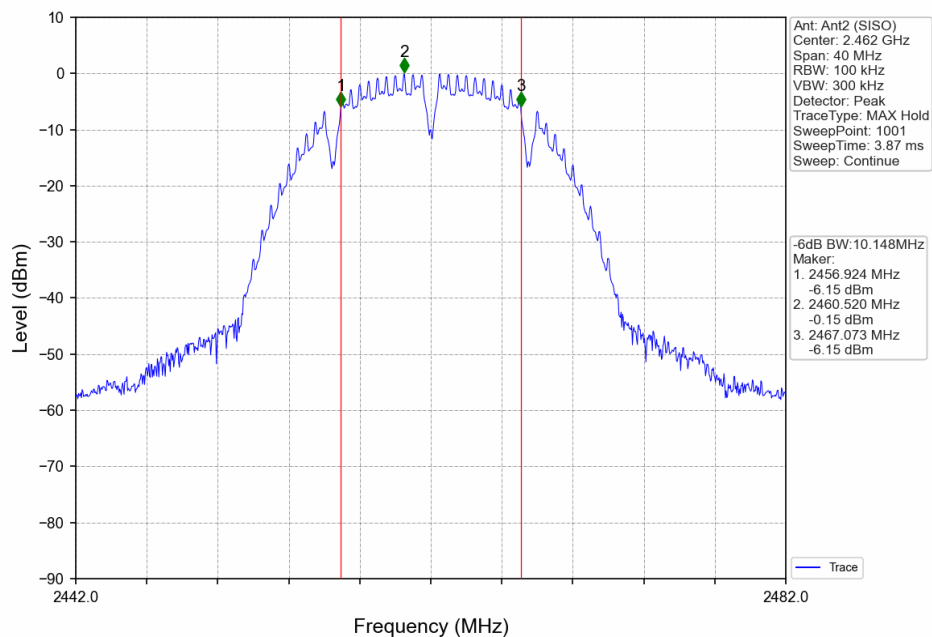




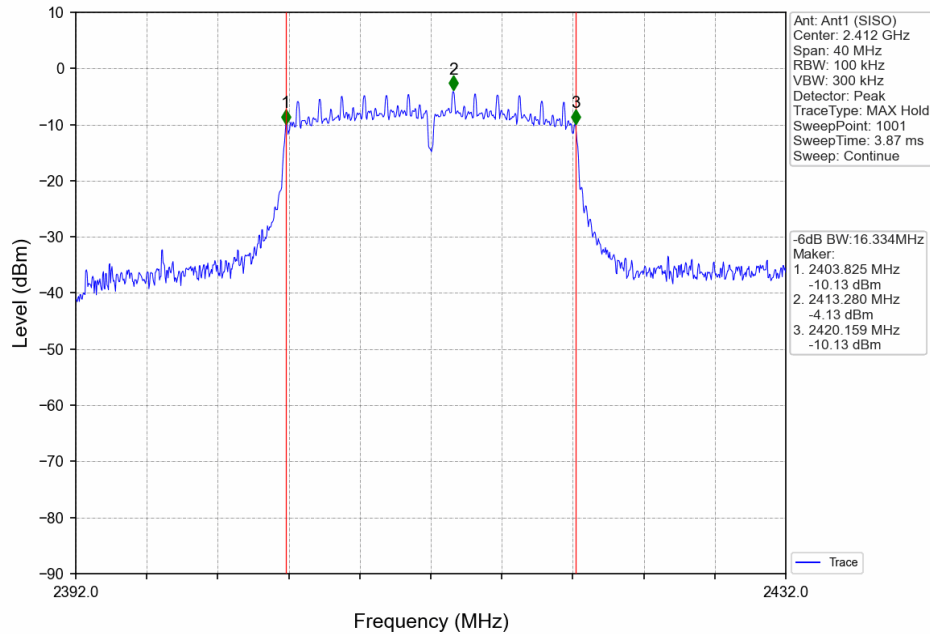
### 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



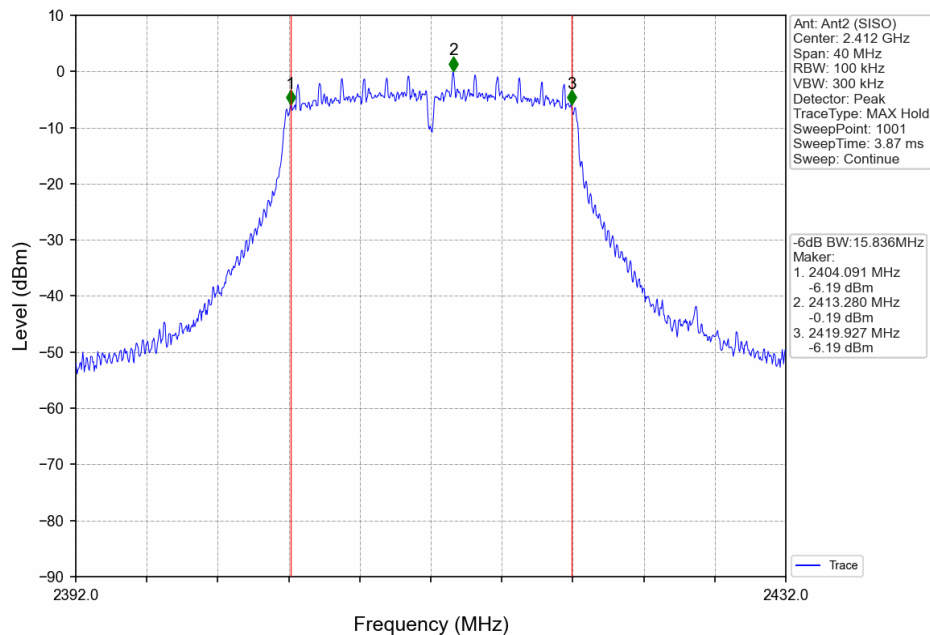
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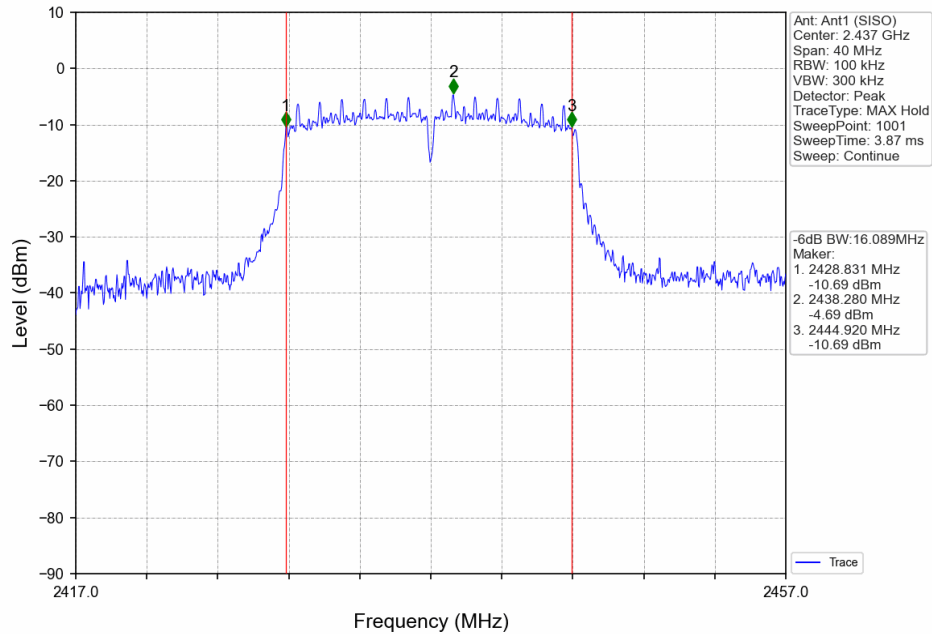
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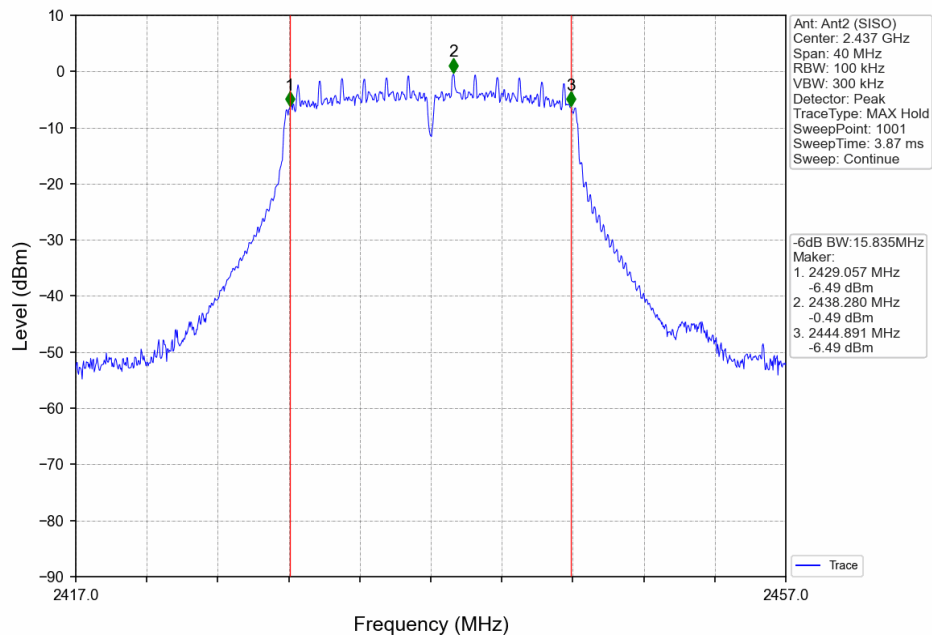
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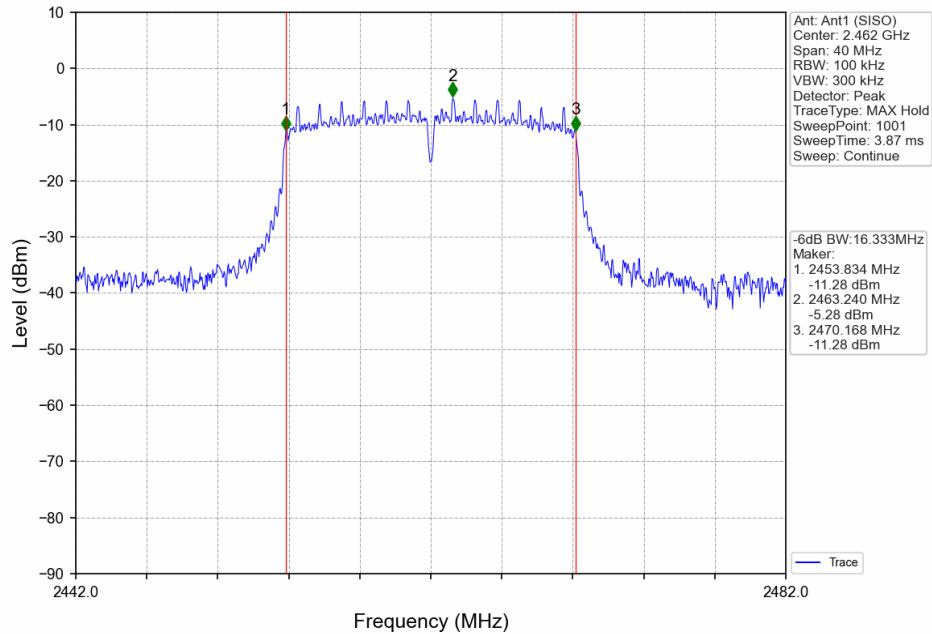
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



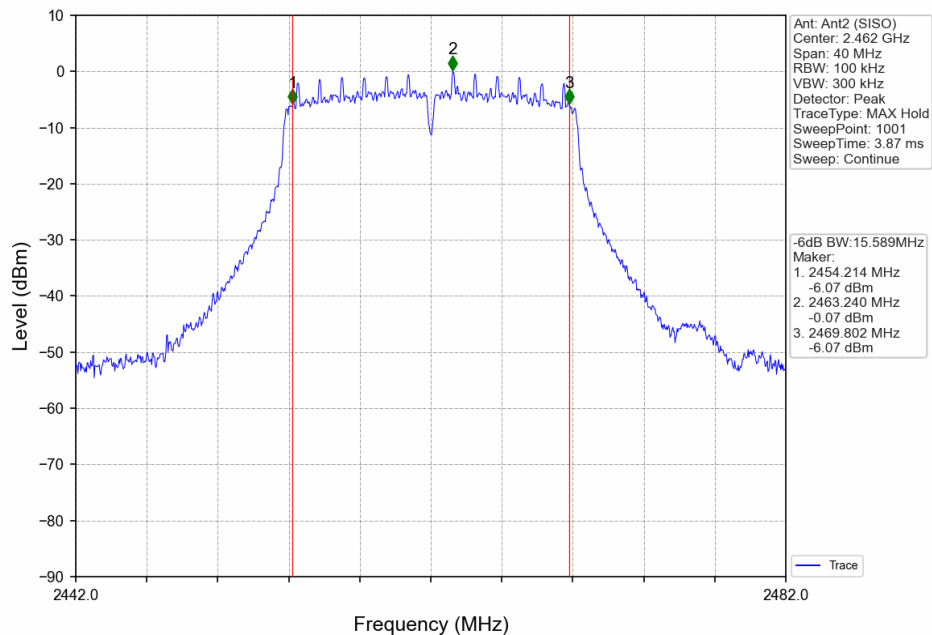
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

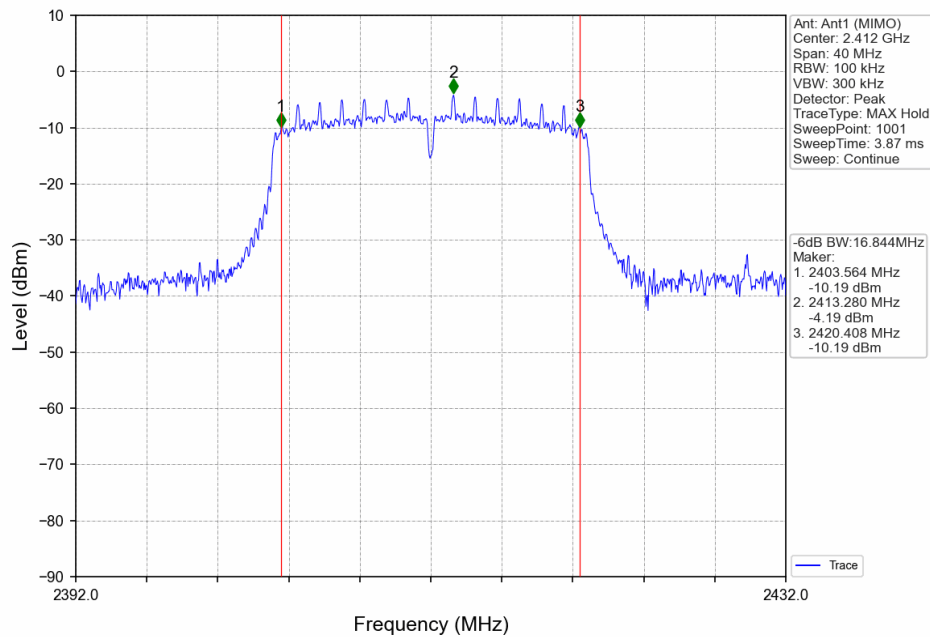


### 802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV

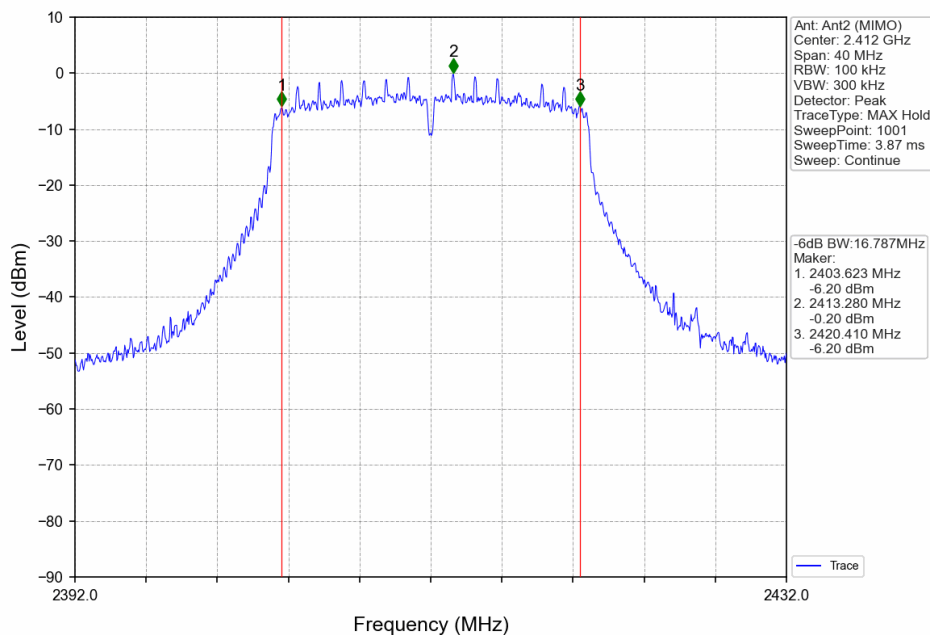




802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV

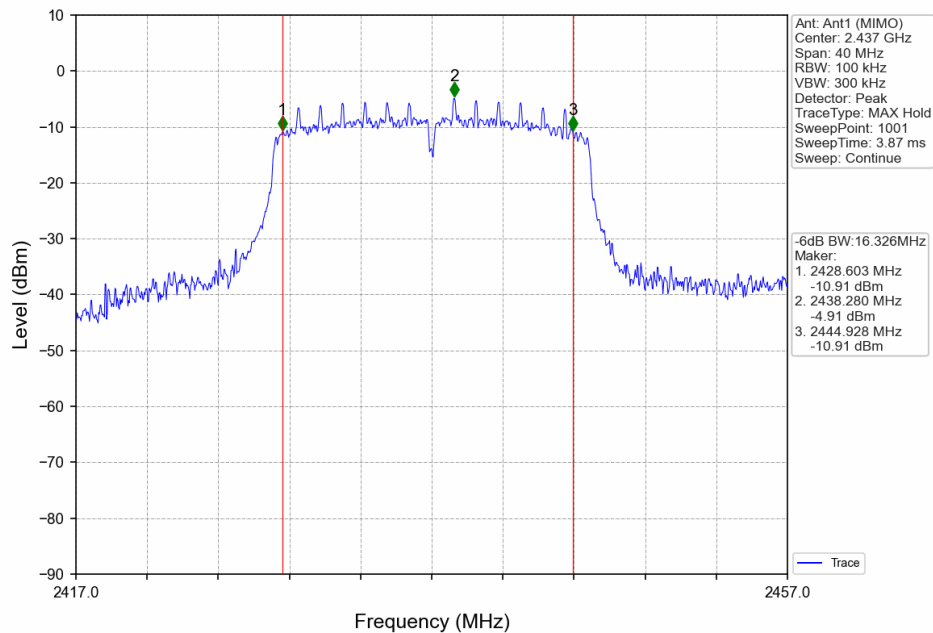


802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV

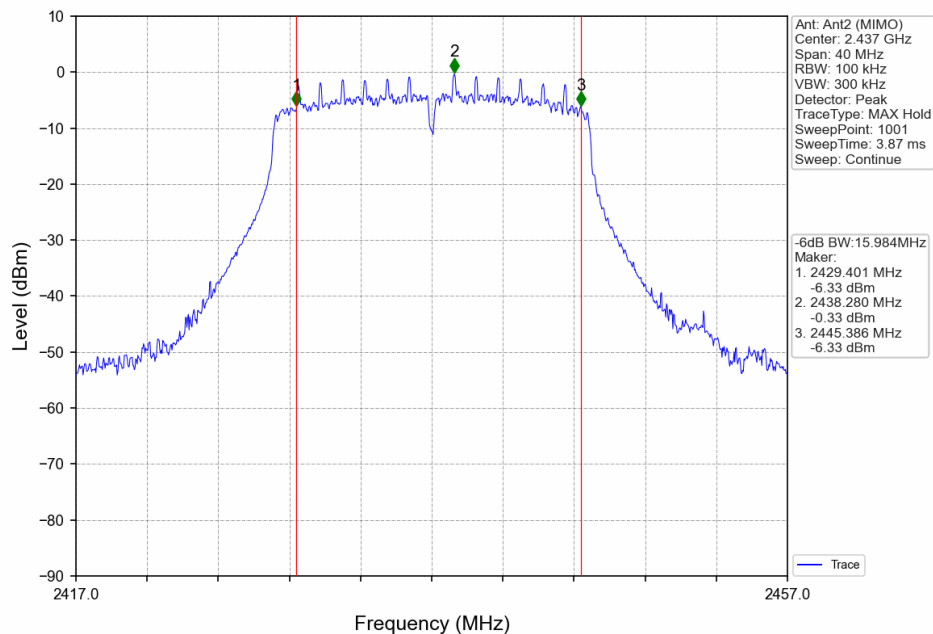




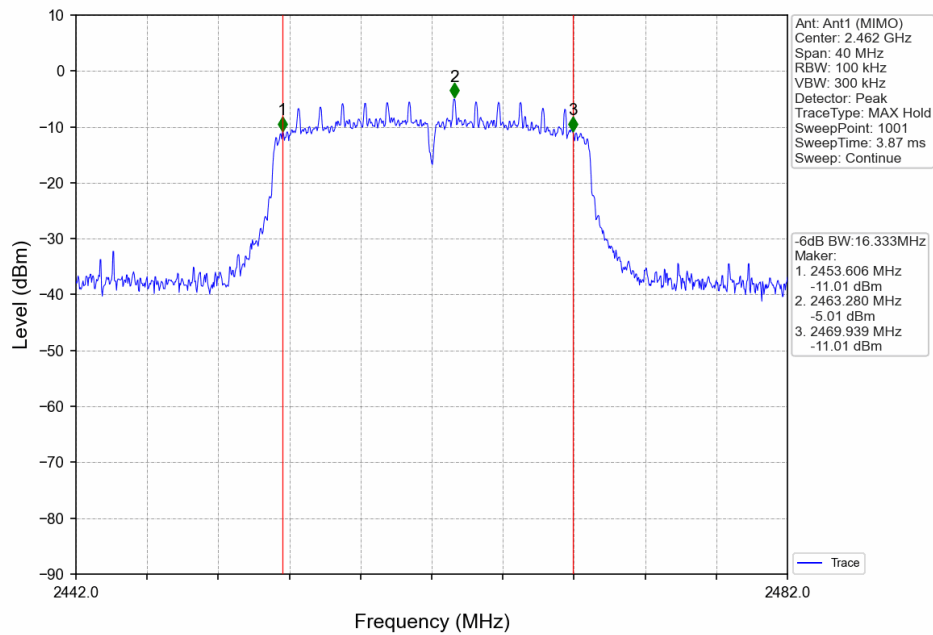
### 802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



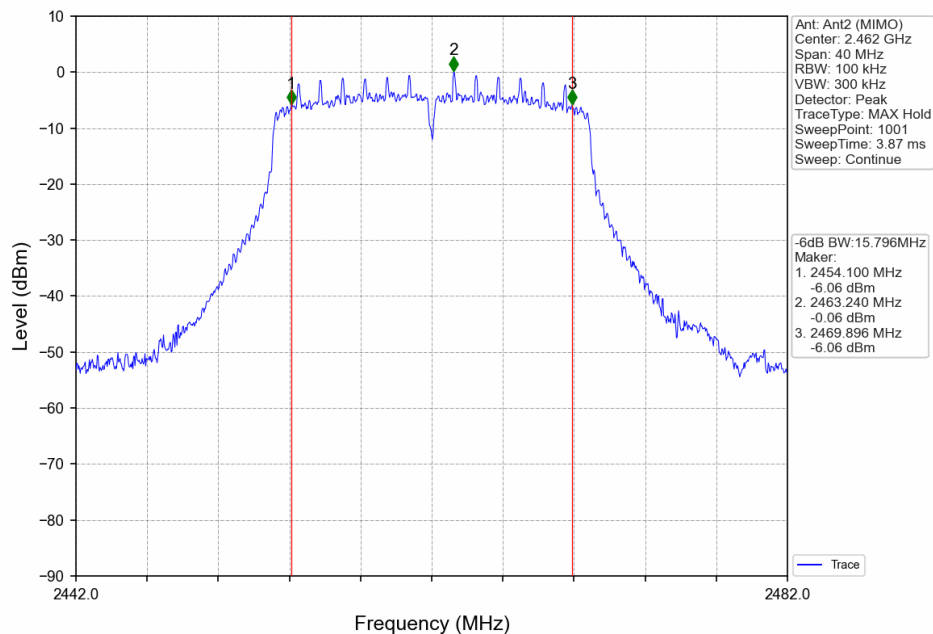
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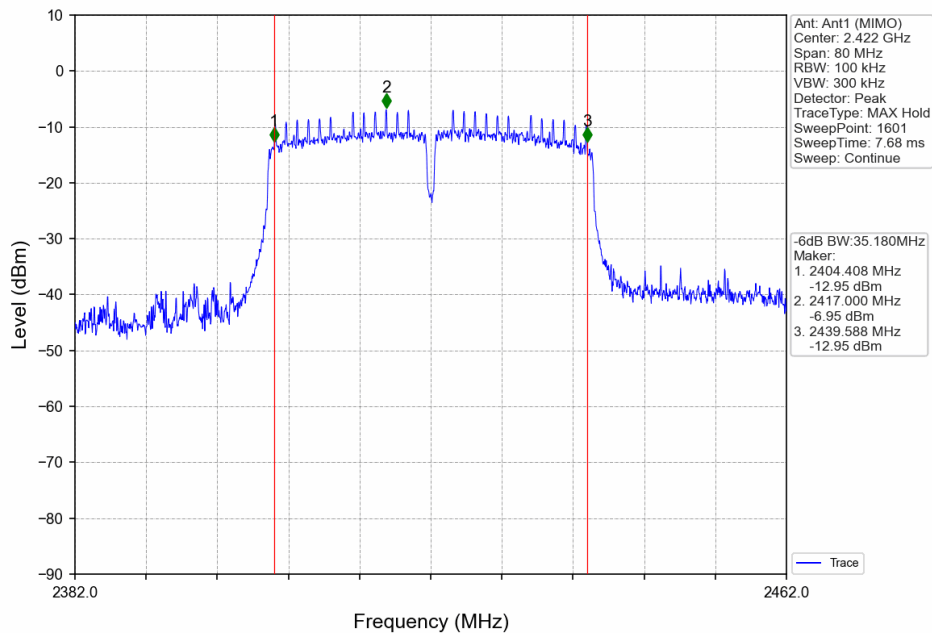
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



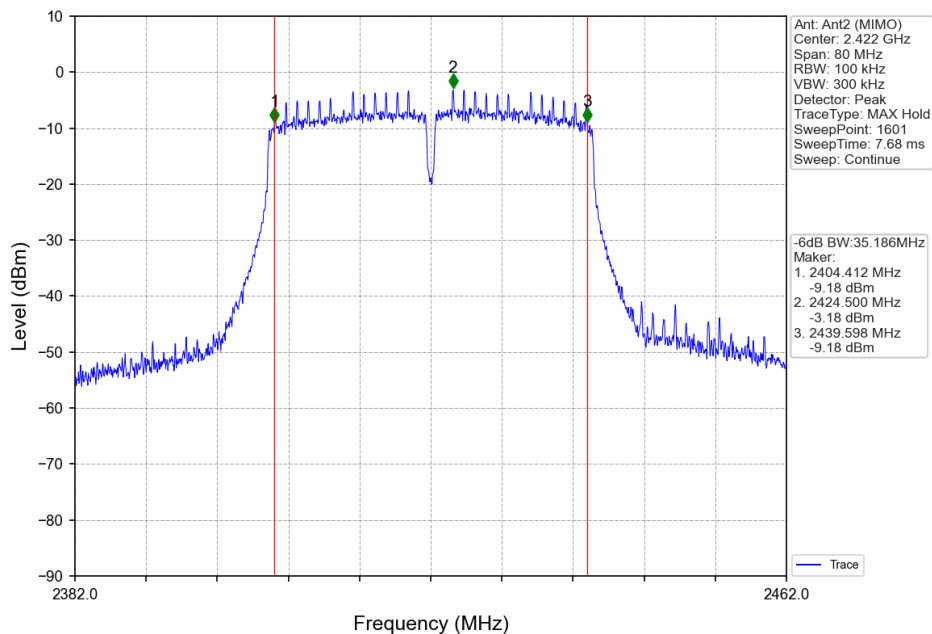
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



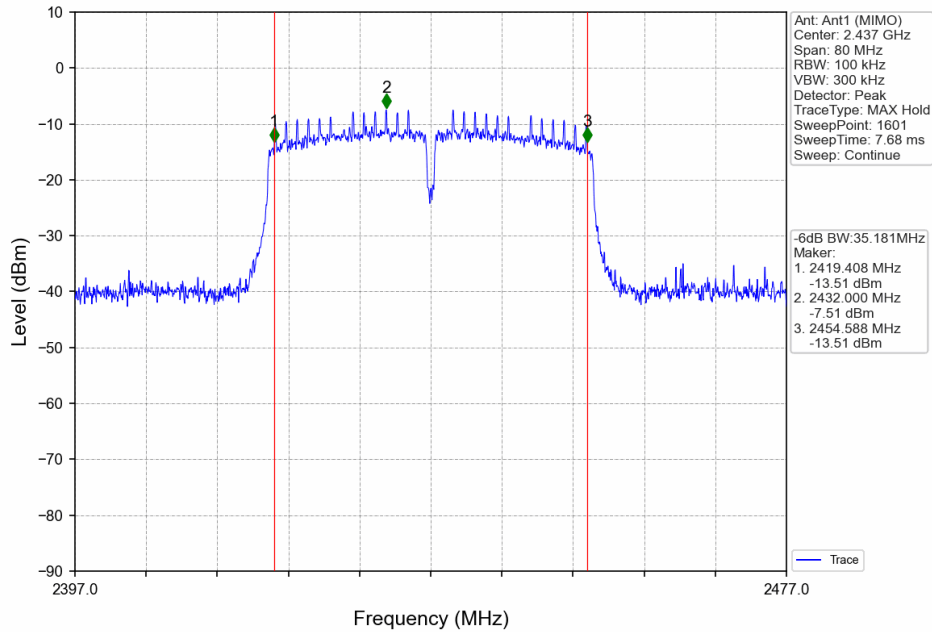
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



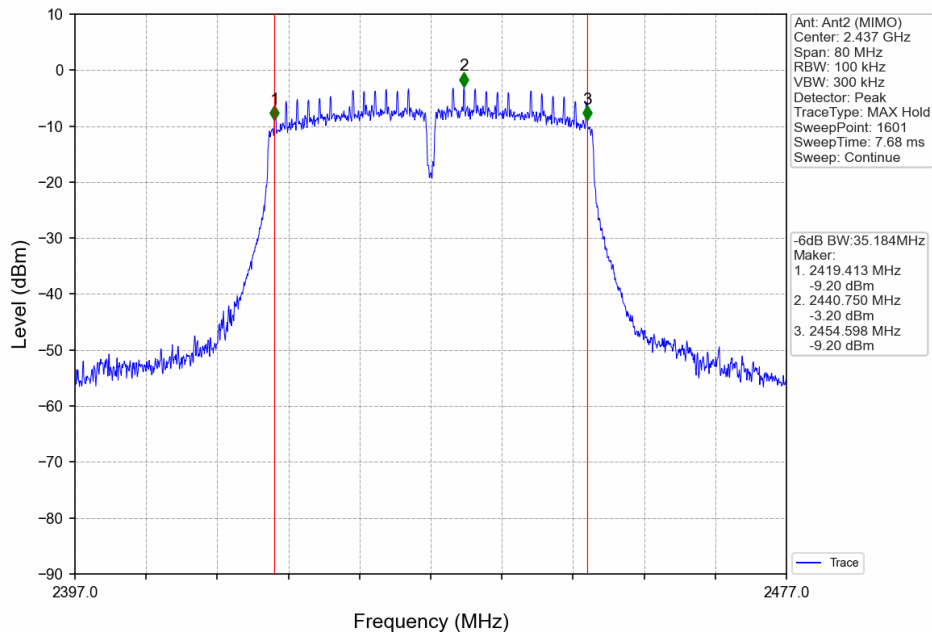
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV

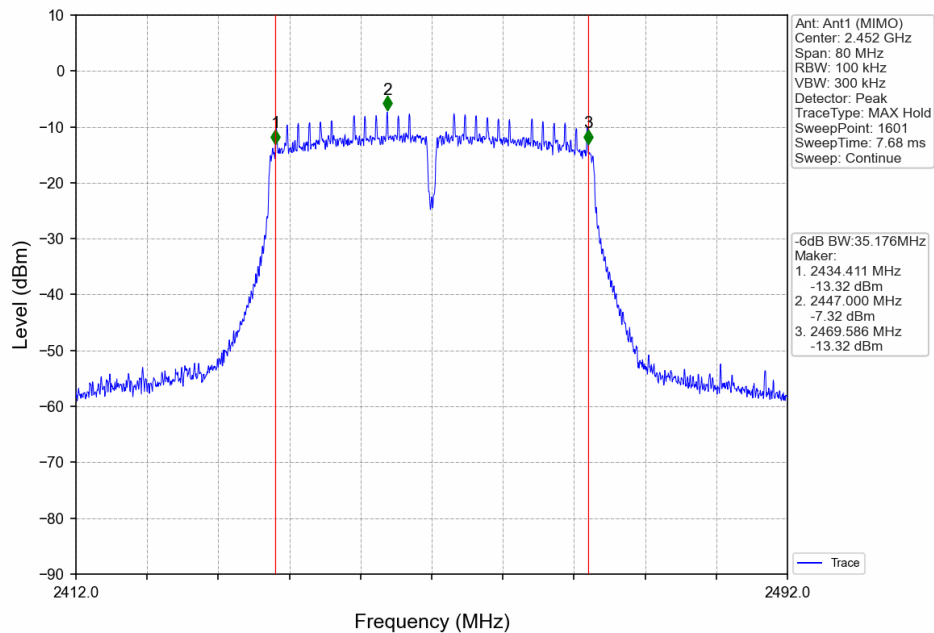


802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV

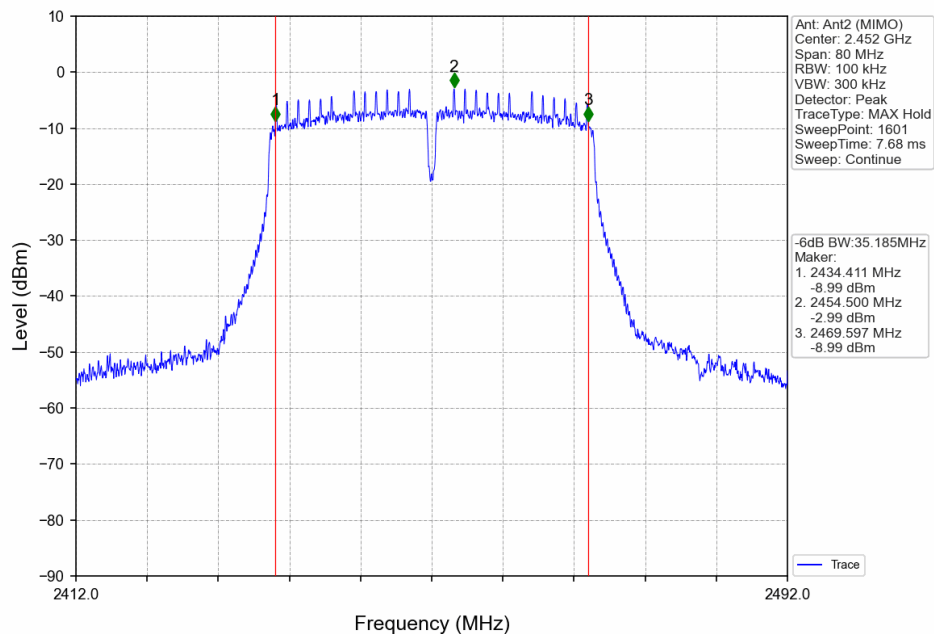




802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant2 (MIMO)\_NTNV





### 3. Maximum Conducted Output Power

#### 3.1 Power

##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11b	SISO	2412	3.32	8.61	/	<=30	Pass
		2437	2.80	8.64	/	<=30	Pass
		2462	2.60	9.24	/	<=30	Pass
802.11g	SISO	2412	6.56	10.40	/	<=30	Pass
		2437	6.04	10.37	/	<=30	Pass
		2462	5.67	10.54	/	<=30	Pass
802.11n (HT20)	MIMO	2412	6.41	10.33	11.81	<=29.24	Pass
		2437	5.73	10.25	11.56	<=29.24	Pass
		2462	5.55	10.44	11.66	<=29.24	Pass
802.11n (HT40)	MIMO	2422	6.62	10.70	12.13	<=29.24	Pass
		2437	6.21	10.21	11.67	<=29.24	Pass
		2452	6.10	10.73	12.02	<=29.24	Pass

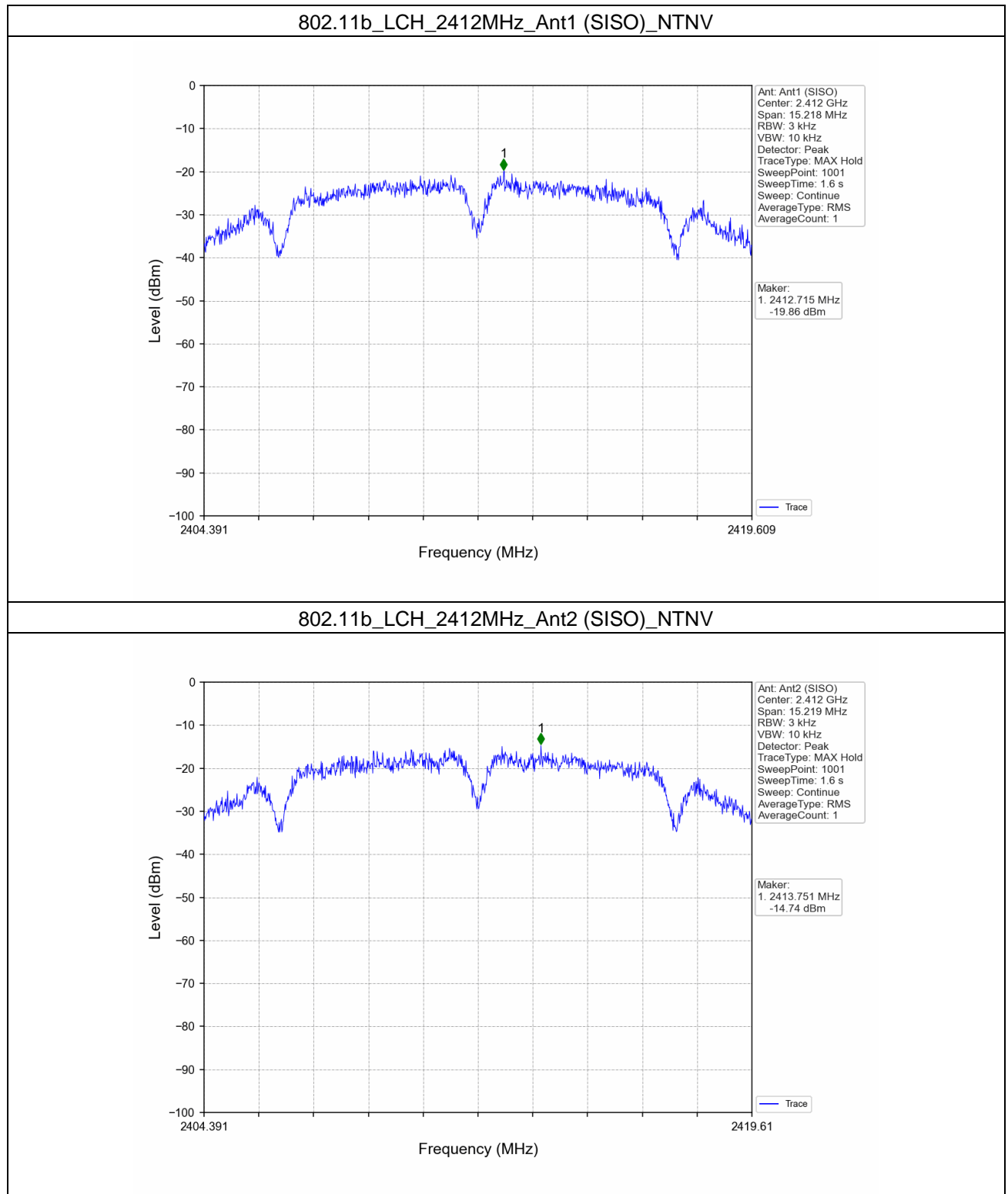
### 4. Maximum Power Spectral Density

#### 4.1 PSD

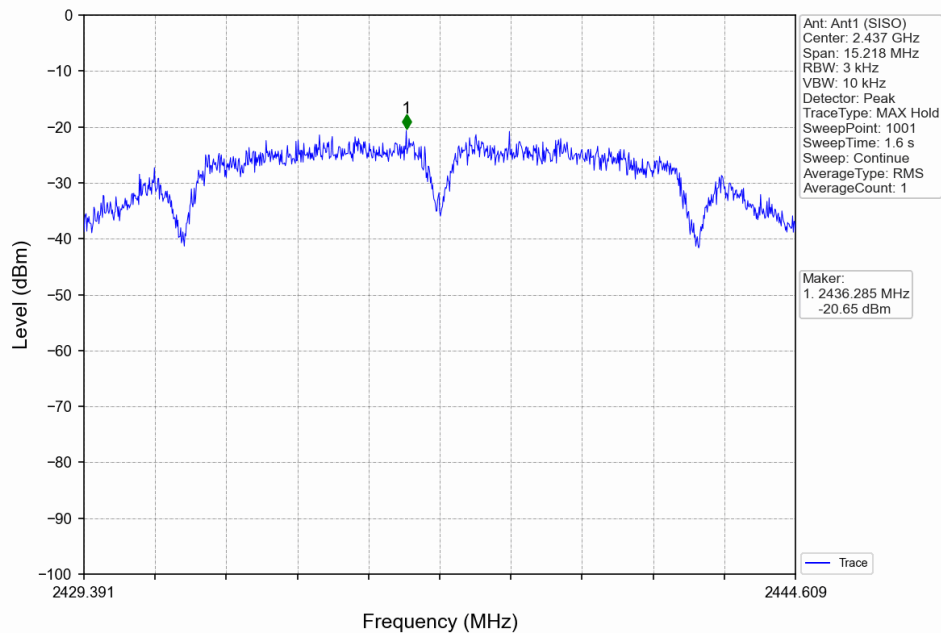
##### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11b	SISO	2412	-19.86	-14.74	/	<=8	Pass
		2437	-20.65	-15.21	/	<=8	Pass
		2462	-21.14	-13.83	/	<=8	Pass
802.11g	SISO	2412	-17.38	-14.29	/	<=8	Pass
		2437	-18.83	-13.55	/	<=8	Pass
		2462	-19.12	-14.43	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-18.70	-14.20	-13.57	<=8	Pass
		2437	-19.47	-15.31	-14.38	<=8	Pass
		2462	-20.00	-15.02	-14.43	<=8	Pass
802.11n (HT40)	MIMO	2422	-21.41	-17.54	-16.05	<=8	Pass
		2437	-21.65	-16.99	-15.71	<=8	Pass
		2452	-22.33	-17.61	-16.47	<=8	Pass

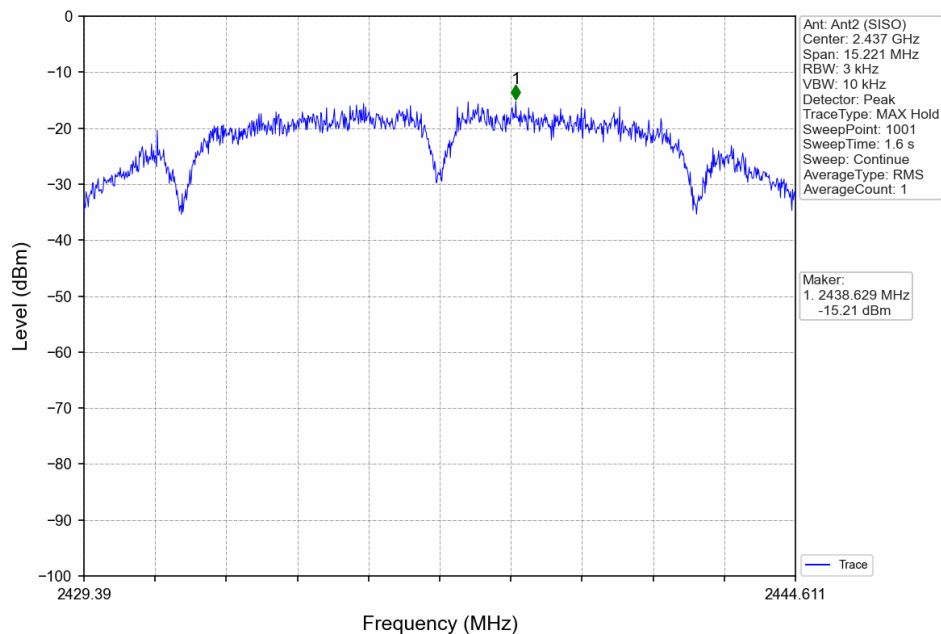
## 4.1.2 Test Graph



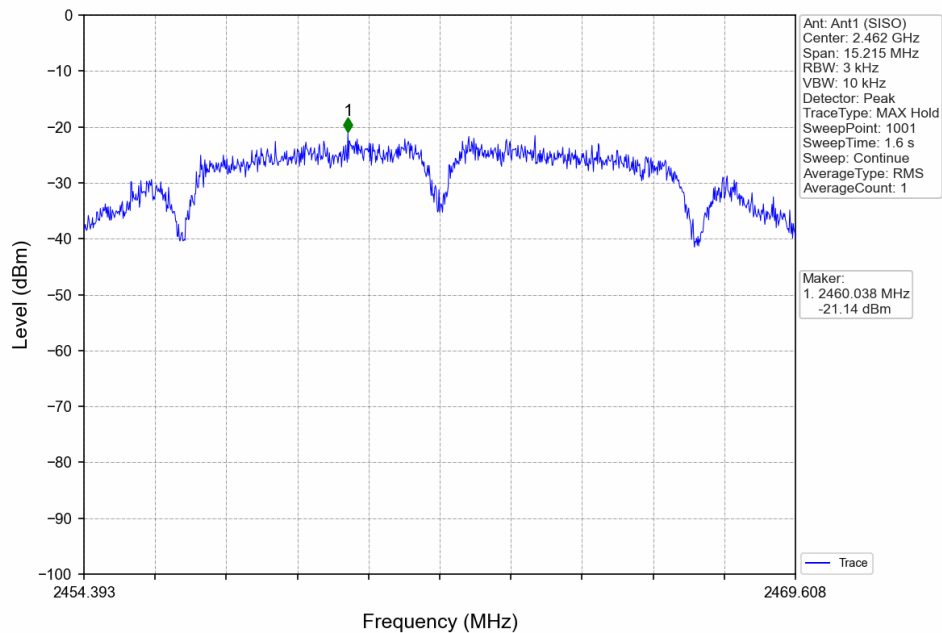
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



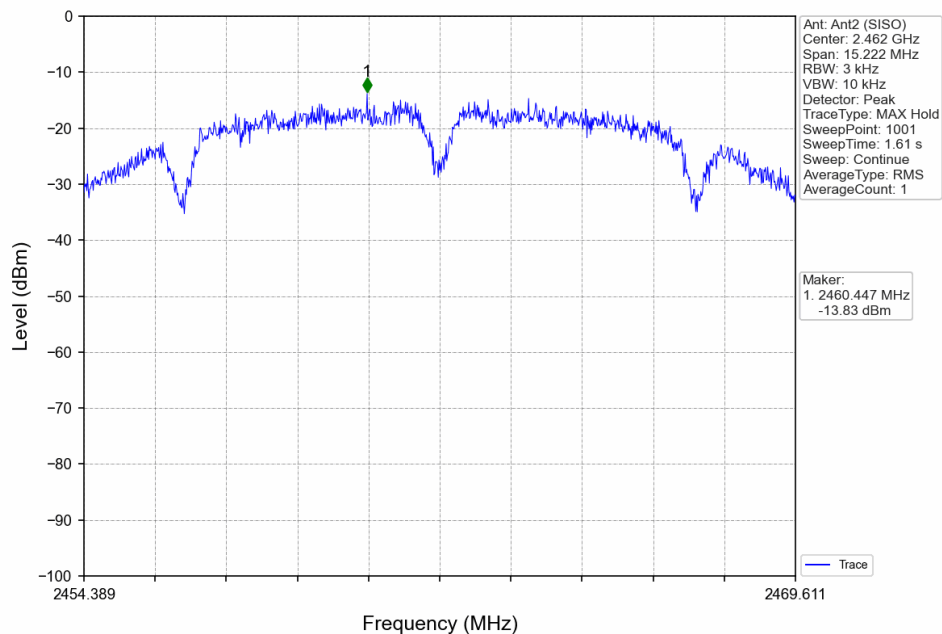
802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

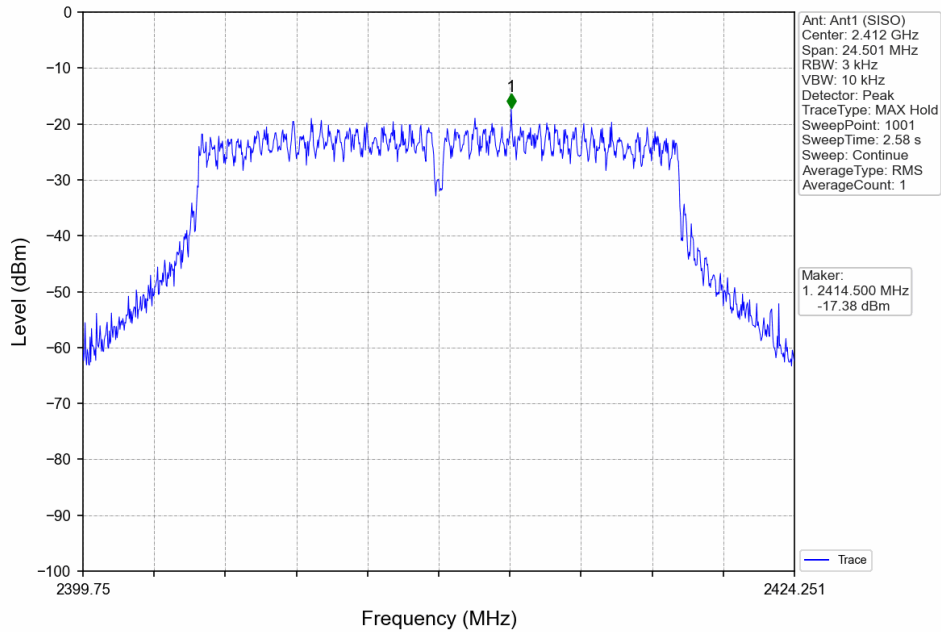


802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV

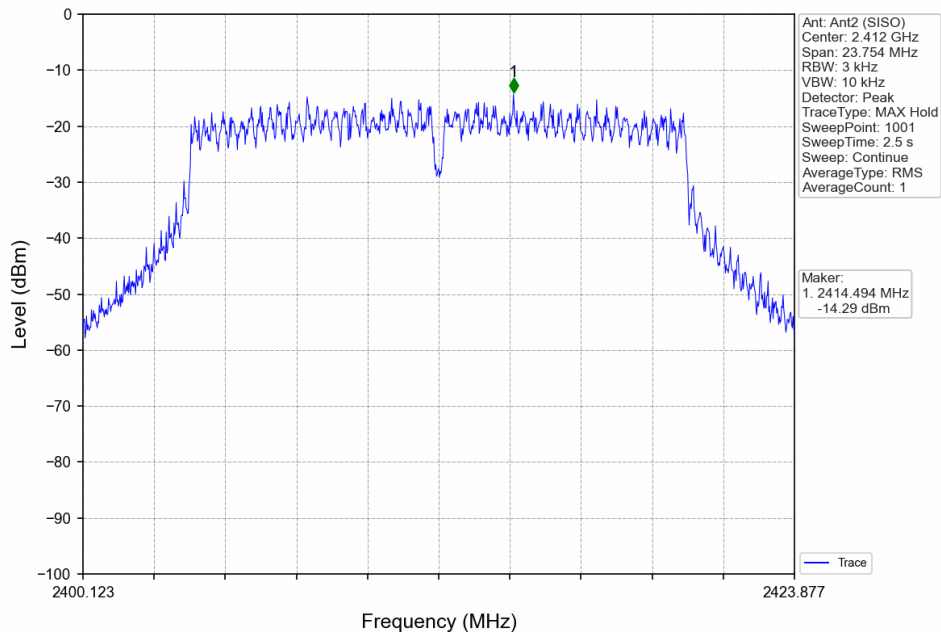




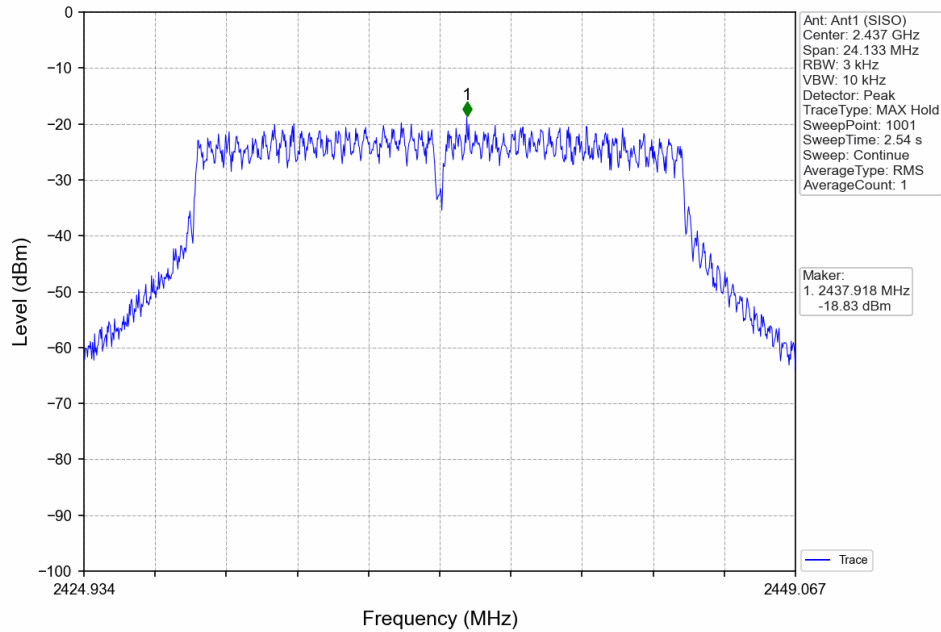
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



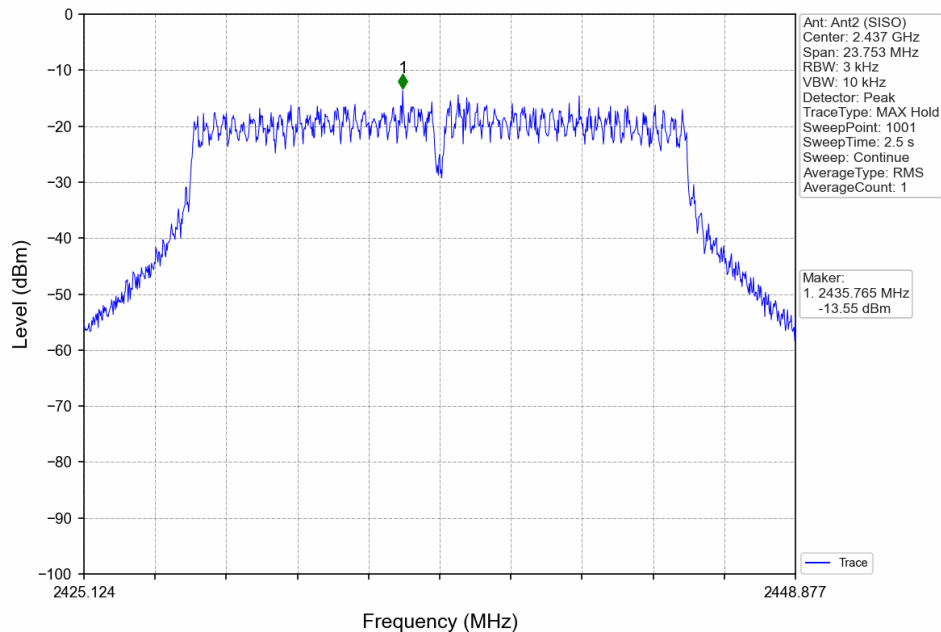
802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



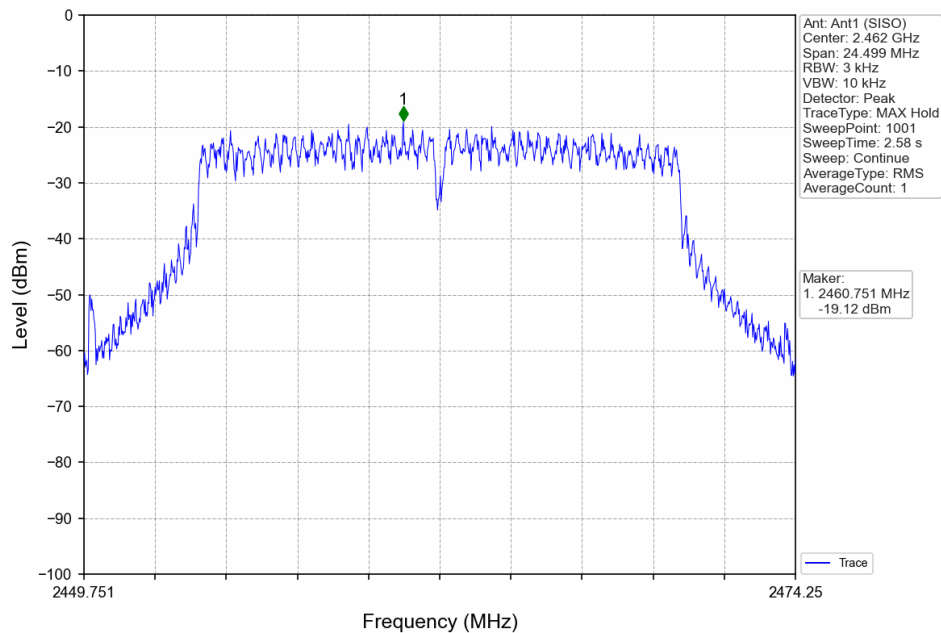
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



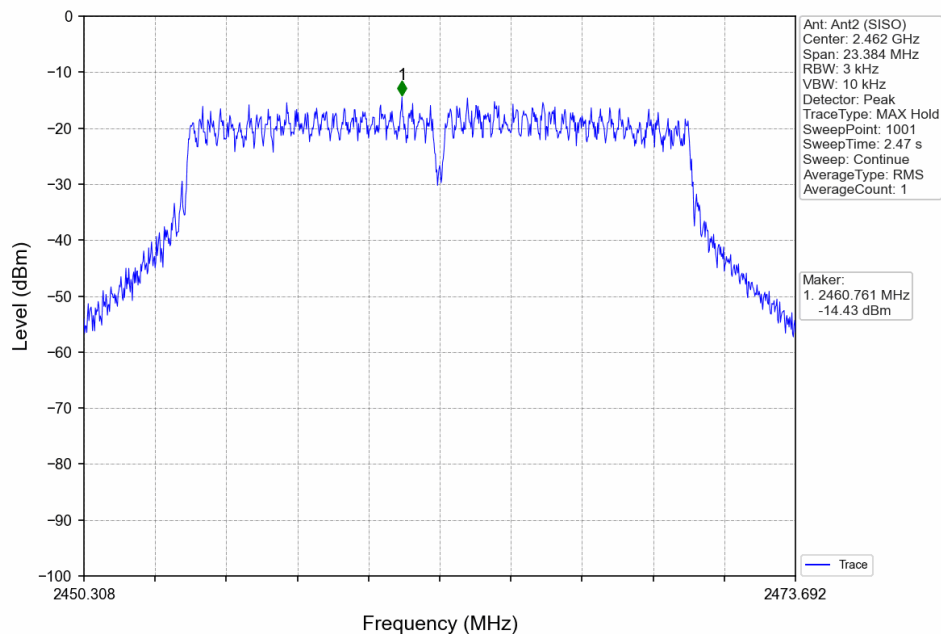
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



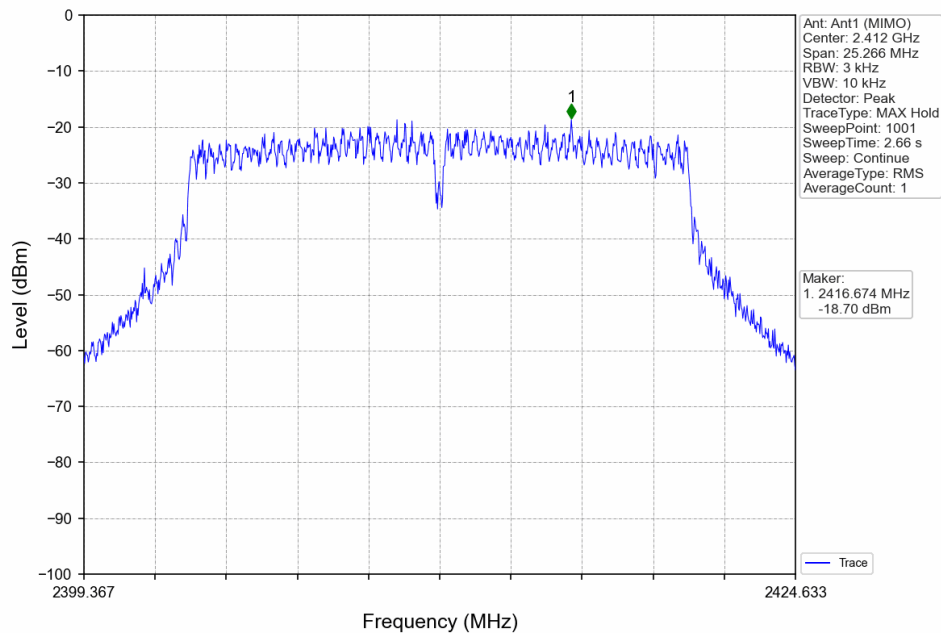
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



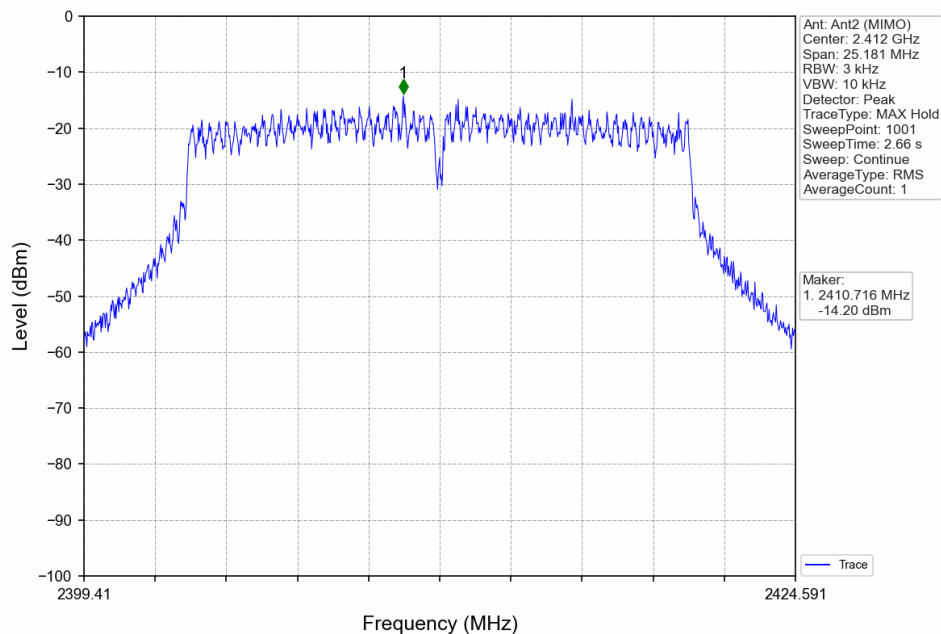
802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV

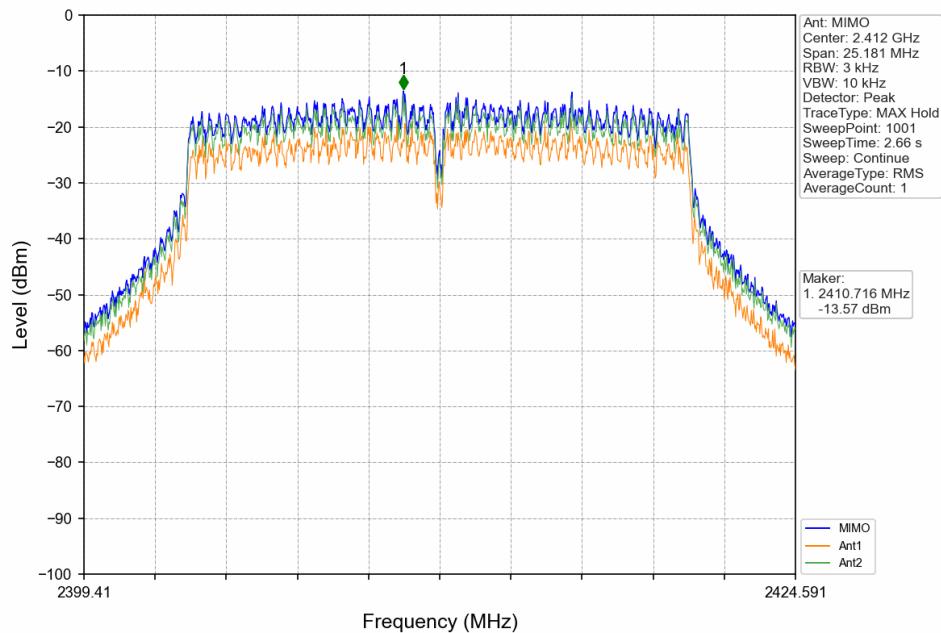


802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV

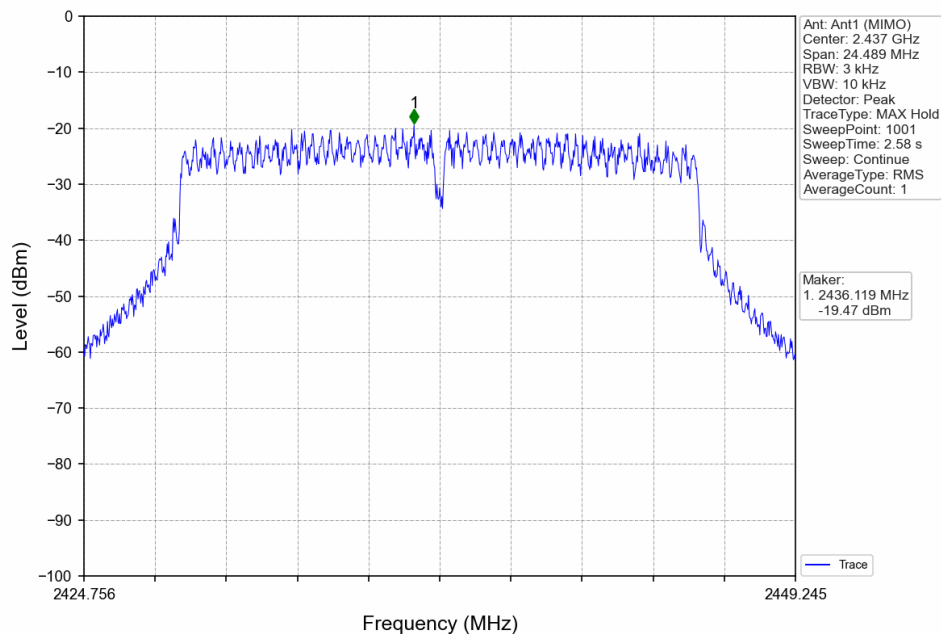




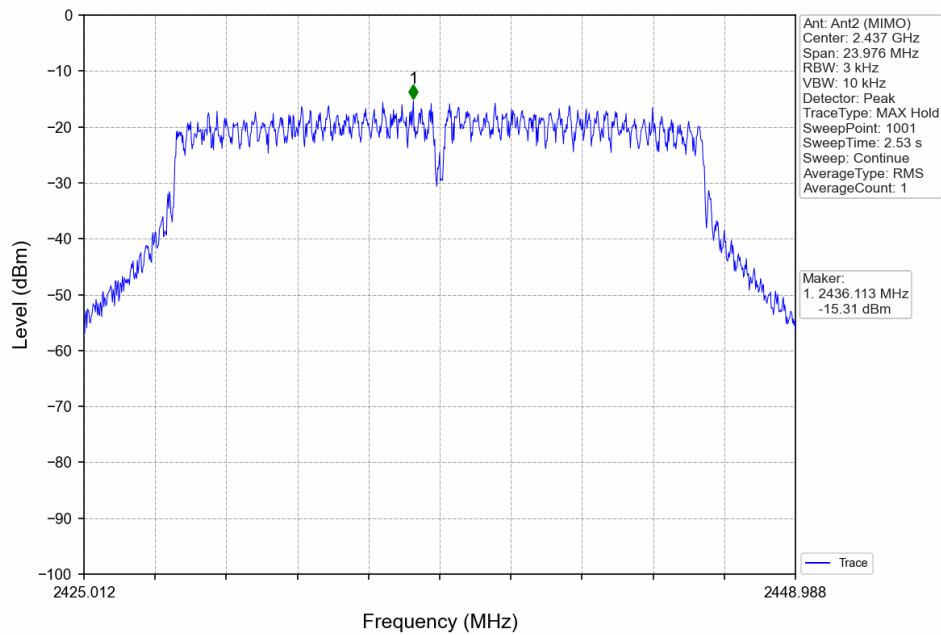
802.11n(HT20)\_LCH\_2412MHz\_MIMO\_NTNV



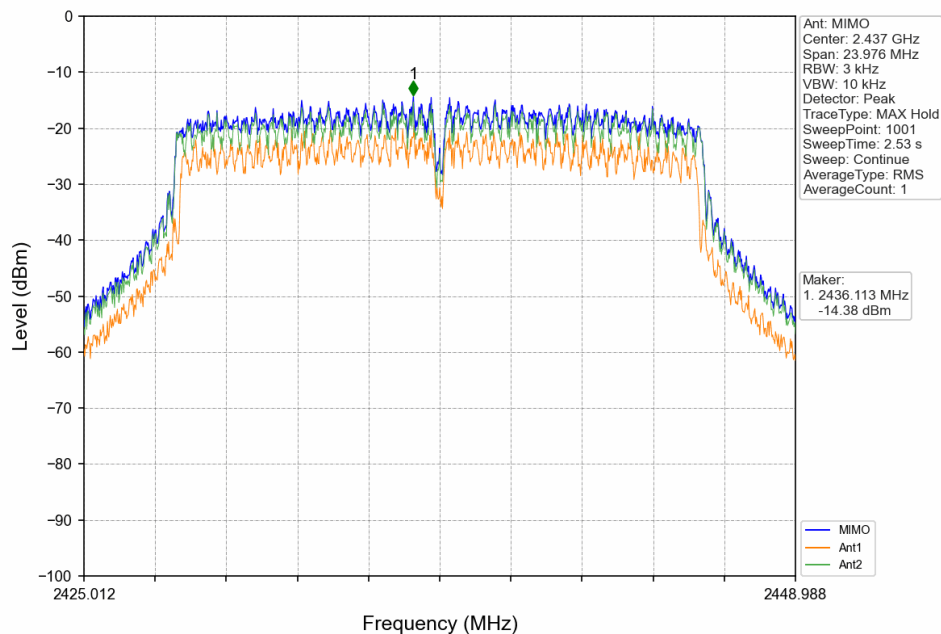
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV

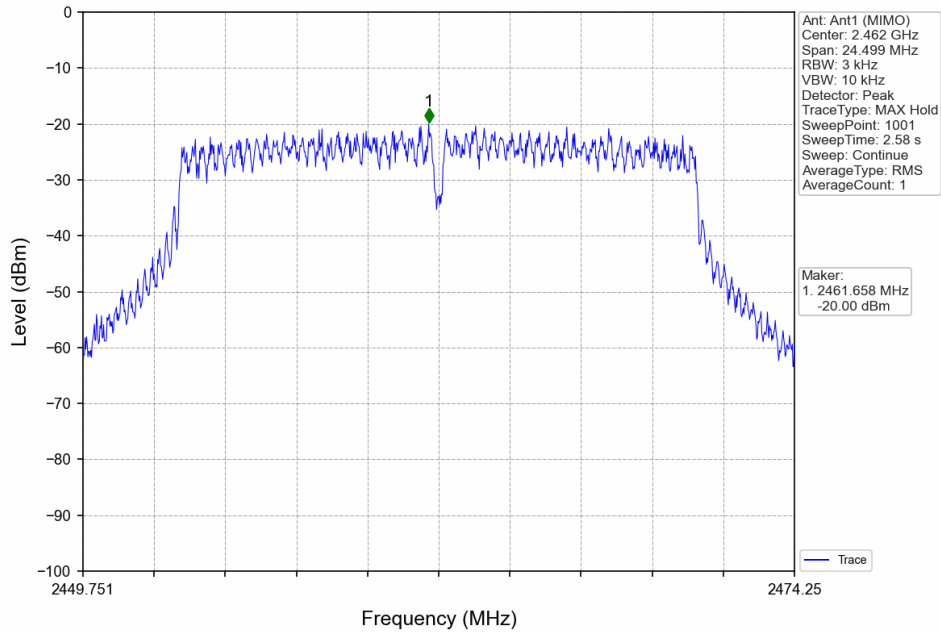


802.11n(HT20)\_MCH\_2437MHz\_MIMO\_NTNV

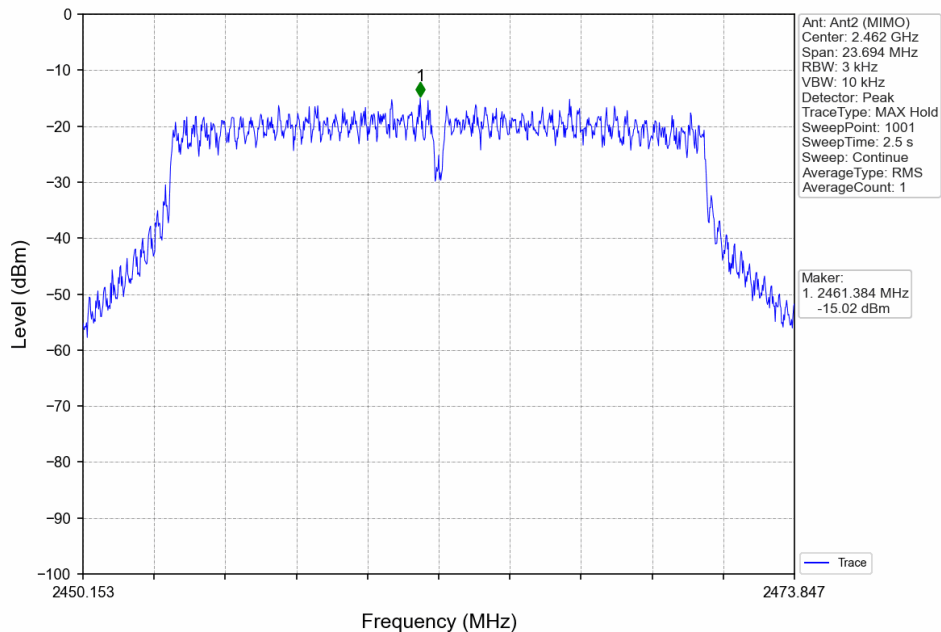


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802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



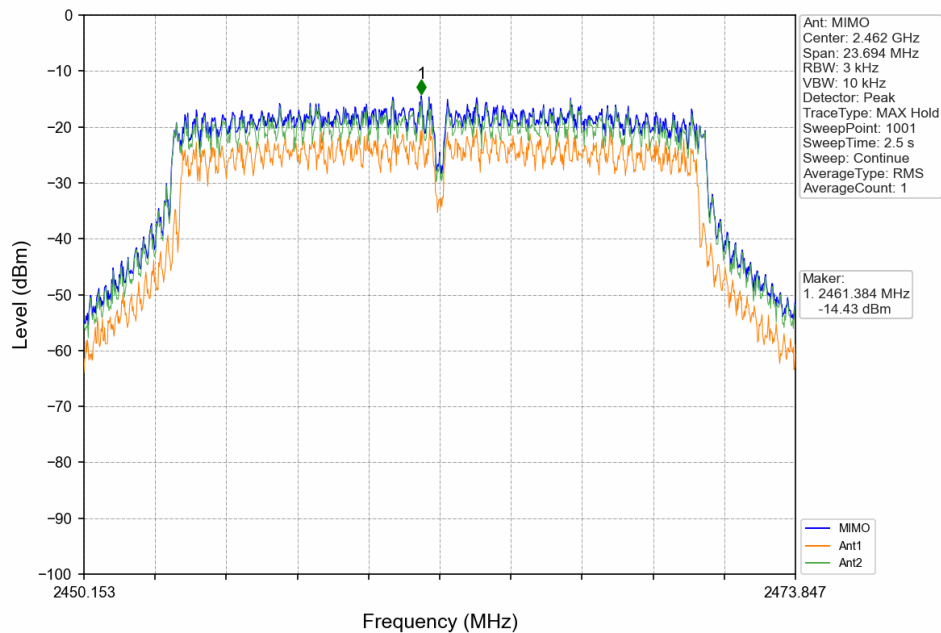
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



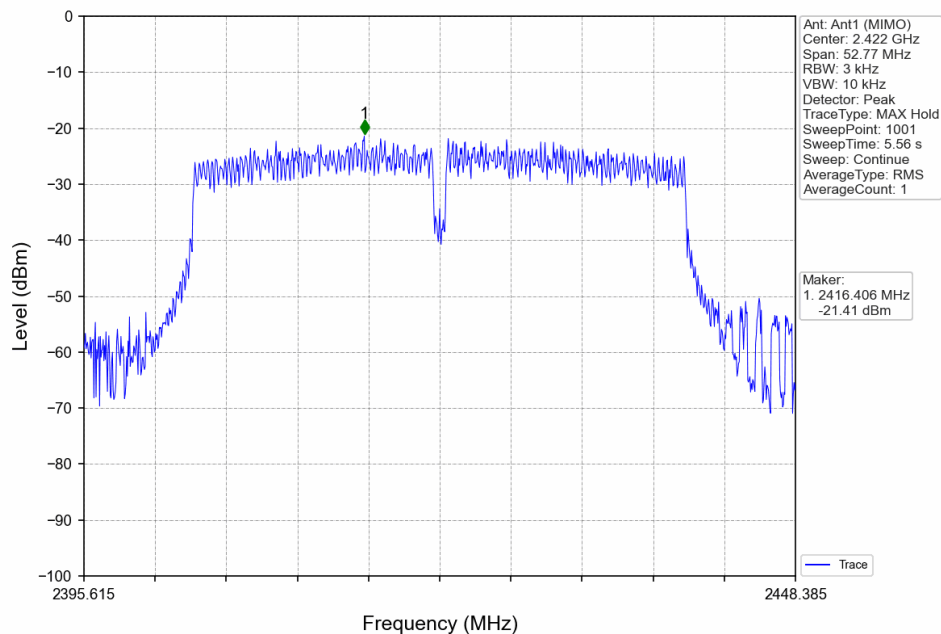
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802.11n(HT20)\_HCH\_2462MHz\_MIMO\_NTNV

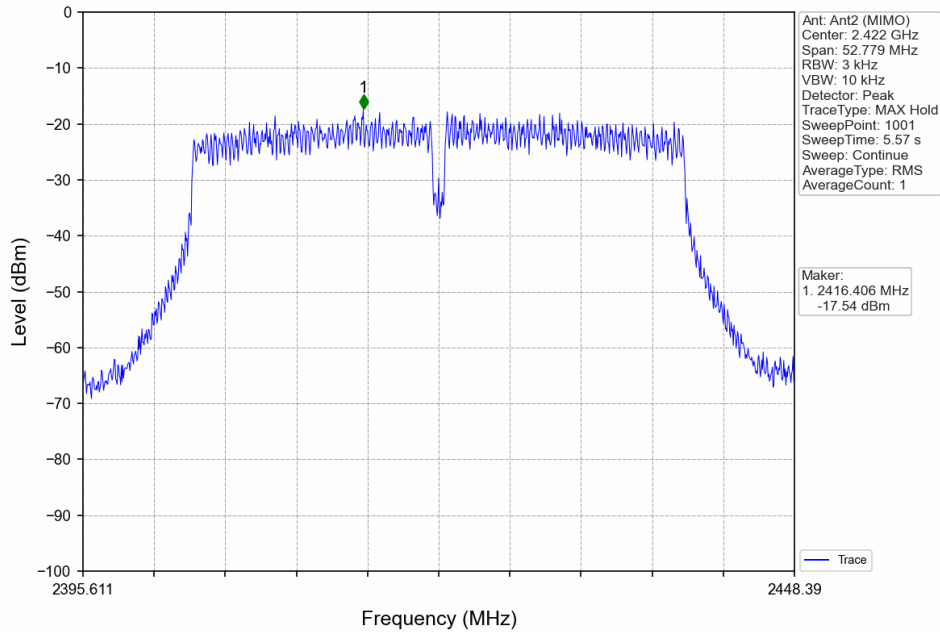


802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV

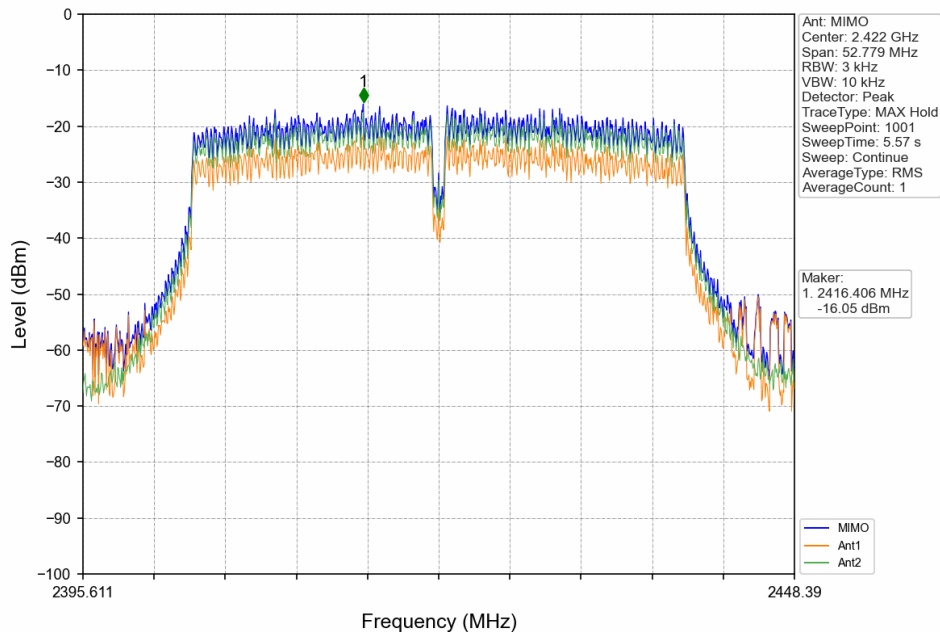




802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



802.11n(HT40)\_LCH\_2422MHz\_MIMO\_NTNV



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