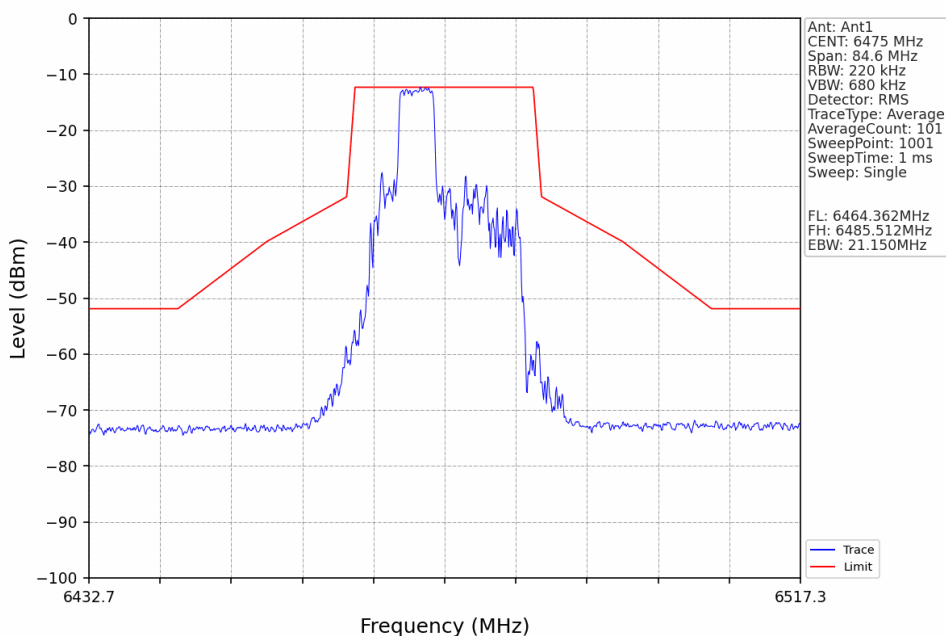
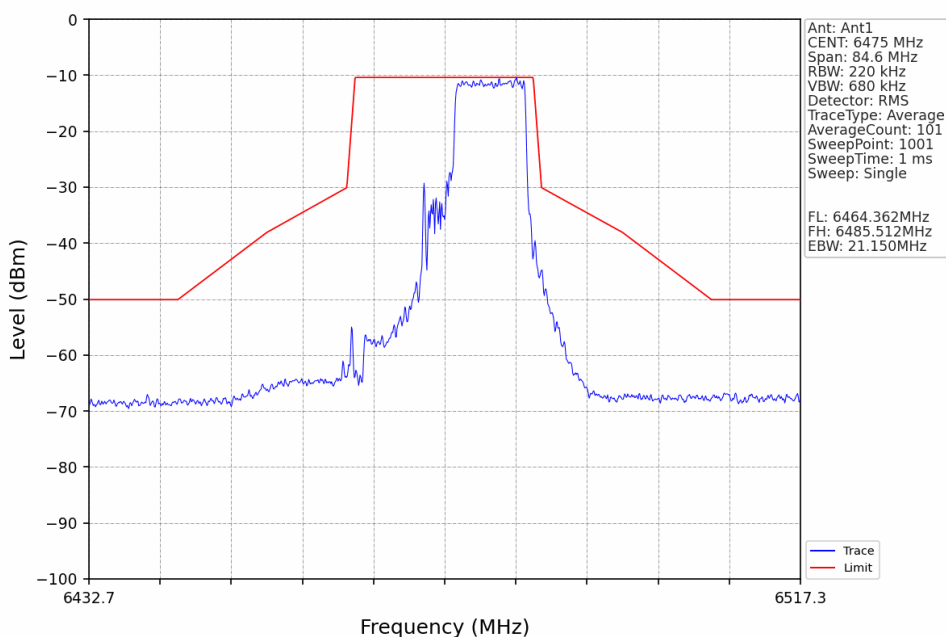


802.11ax(HEW20)\_MCH\_6475MHz\_RU52\_Mid\_Ant1\_NTNV



802.11ax(HEW20)\_MCH\_6475MHz\_RU106\_Right\_Ant1\_NTNV



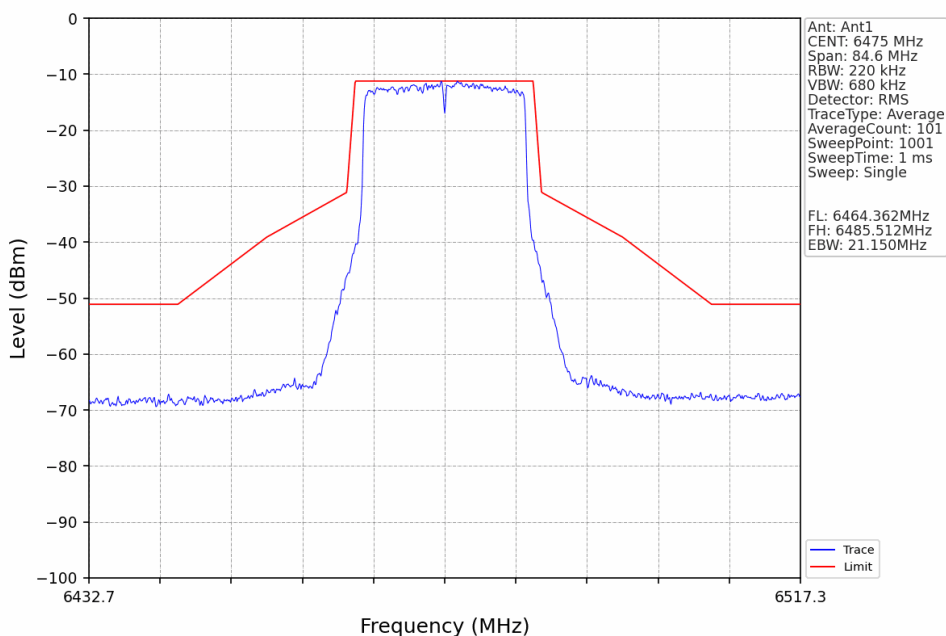
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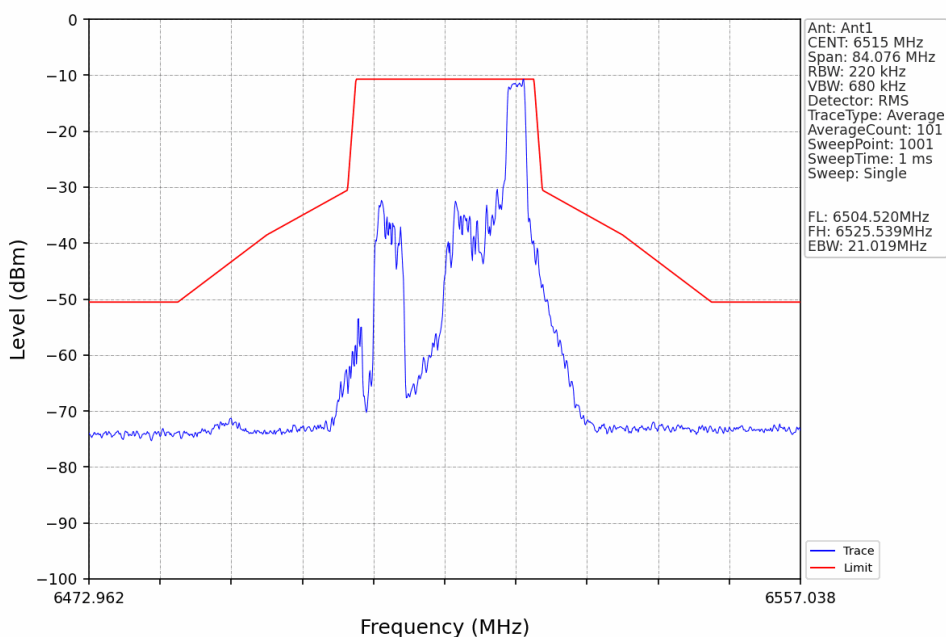
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

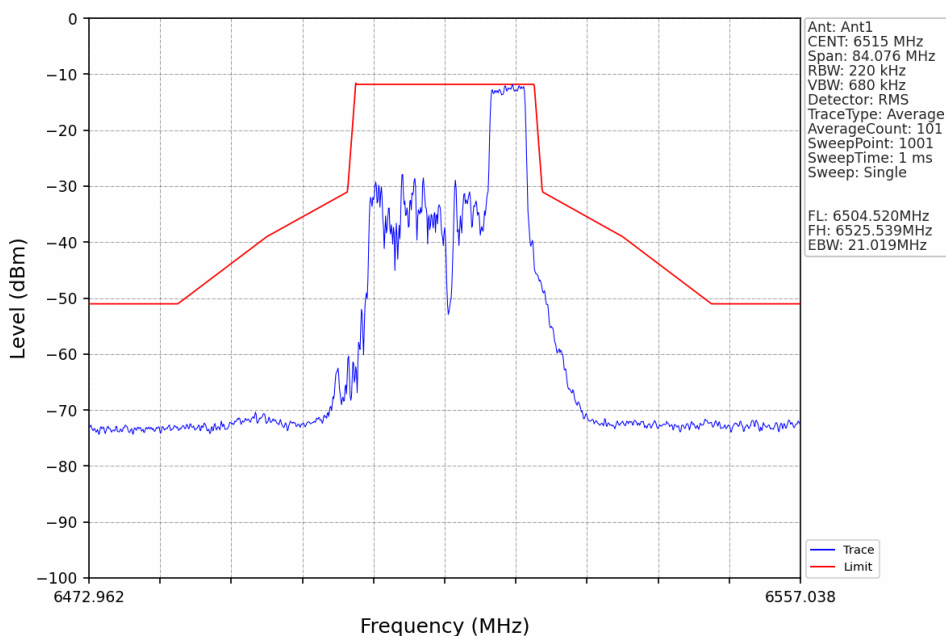
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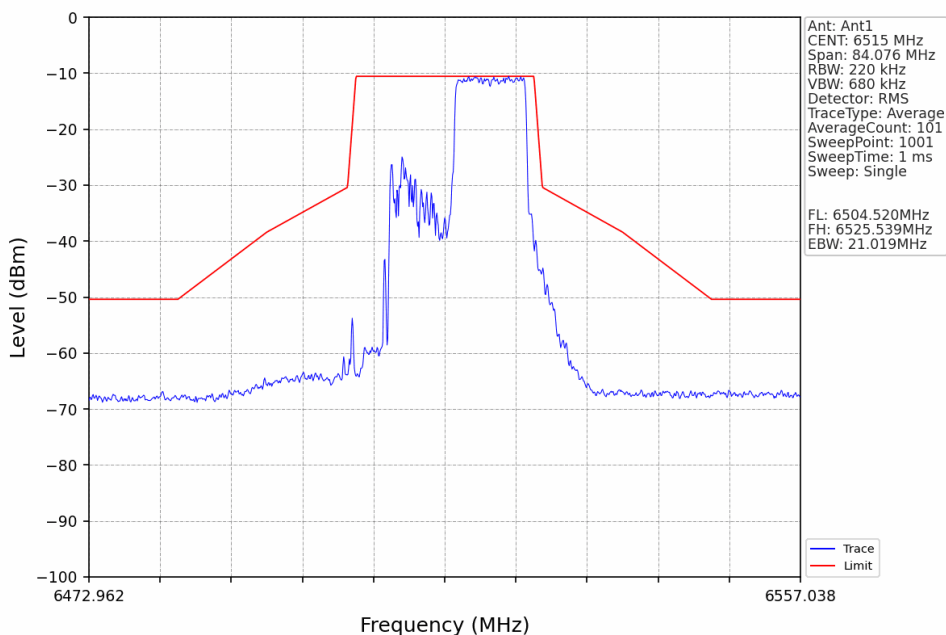
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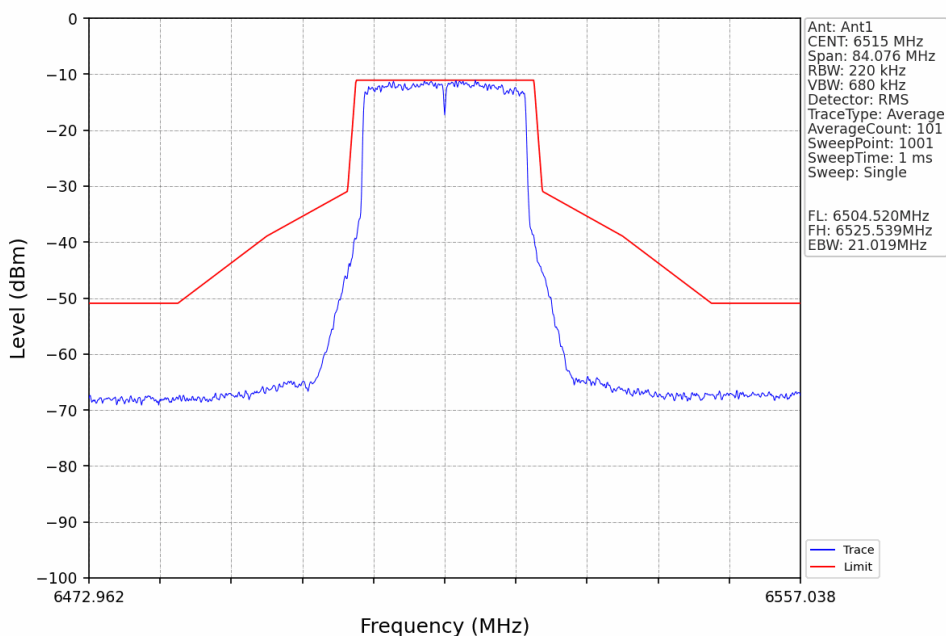
802.11ax(HEW20)\_HCH\_6515MHz\_RU52\_Right\_Ant1\_NTNV



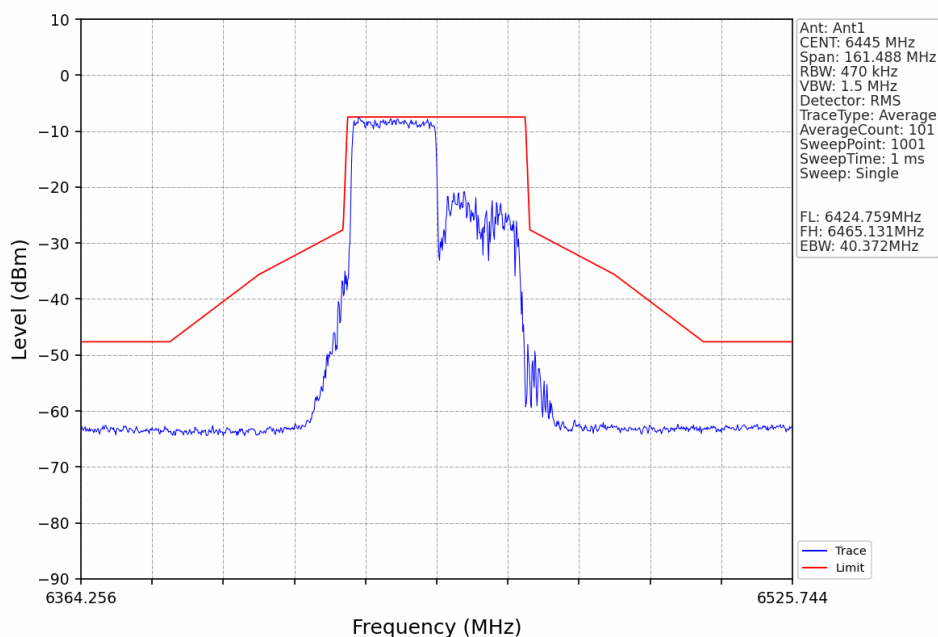
802.11ax(HEW20)\_HCH\_6515MHz\_RU106\_Right\_Ant1\_NTNV



802.11ax(HEW20)\_HCH\_6515MHz\_SU\_Ant1\_NTNV



802.11ax(HEW40)\_LCH\_6445MHz\_RU242\_Left\_Ant1\_NTNV



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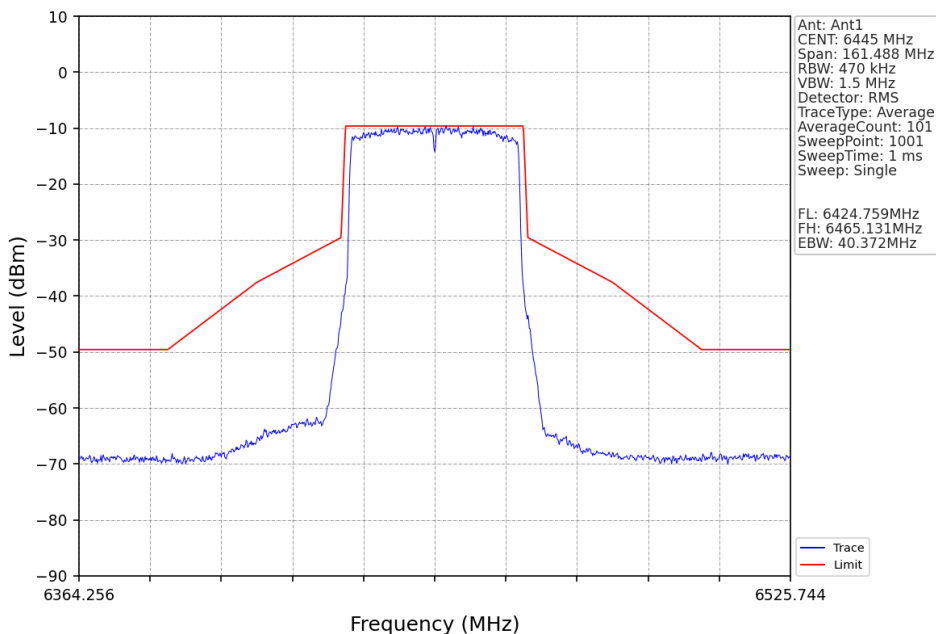
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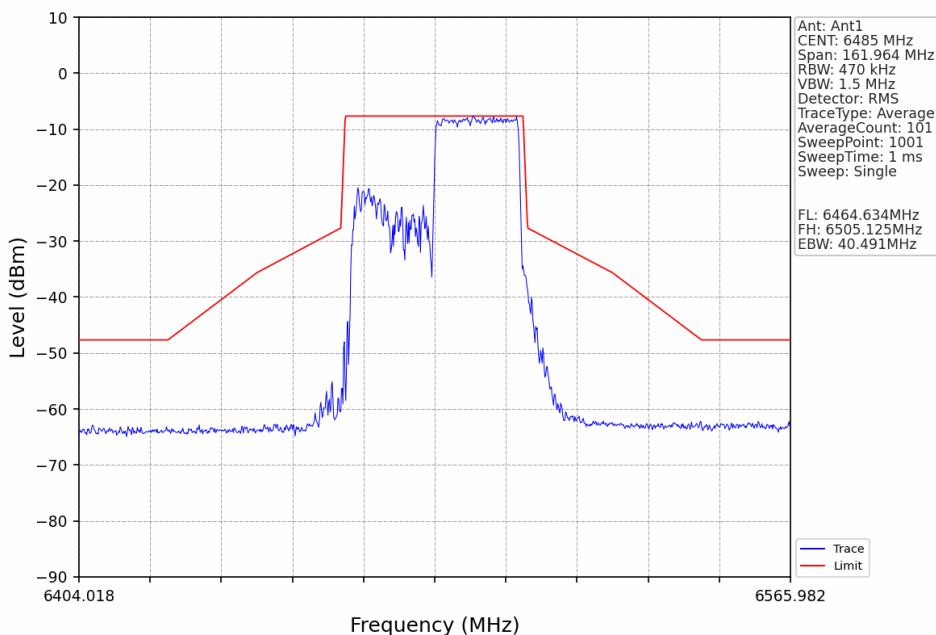
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



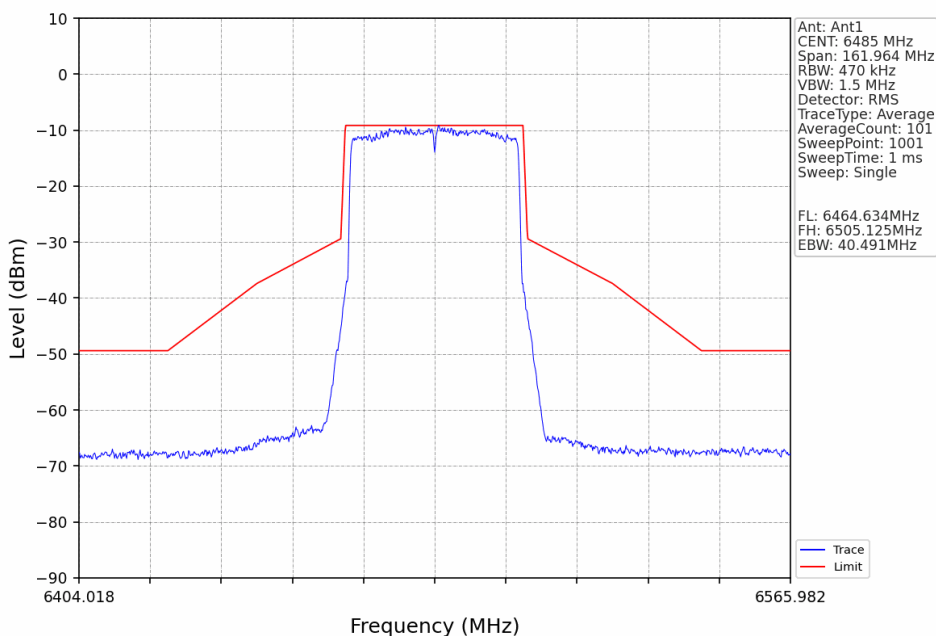
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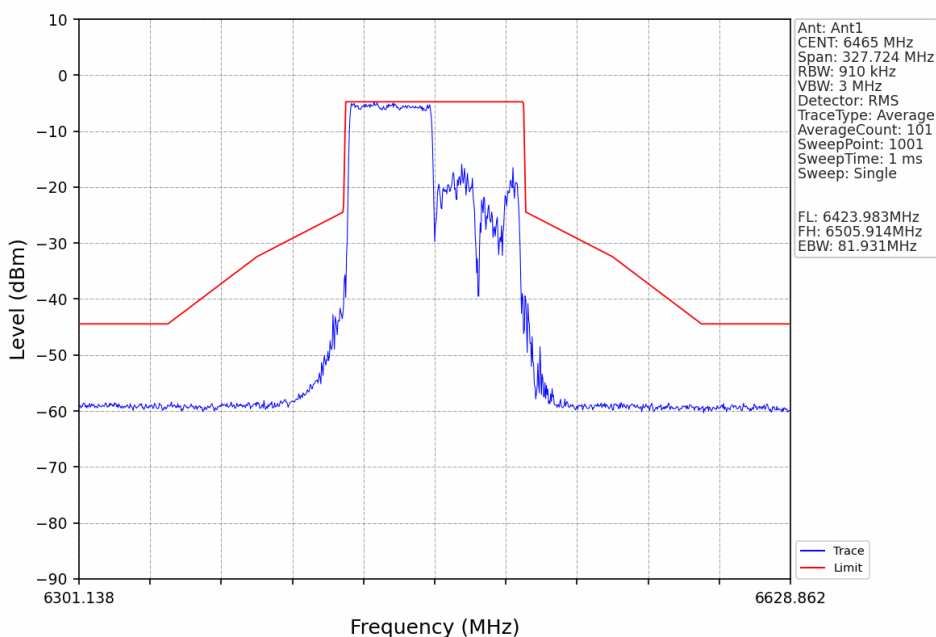
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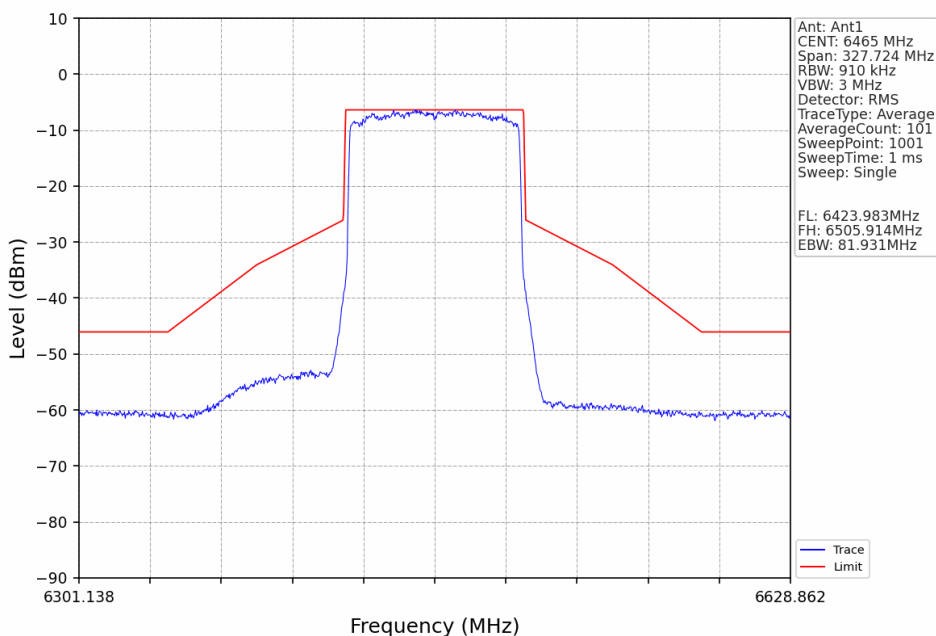
802.11ax(HEW40)\_MCH\_6485MHz\_SU\_Ant1\_NTNV



802.11ax(HEW80)\_LCH\_6465MHz\_RU484\_Left\_Ant1\_NTNV

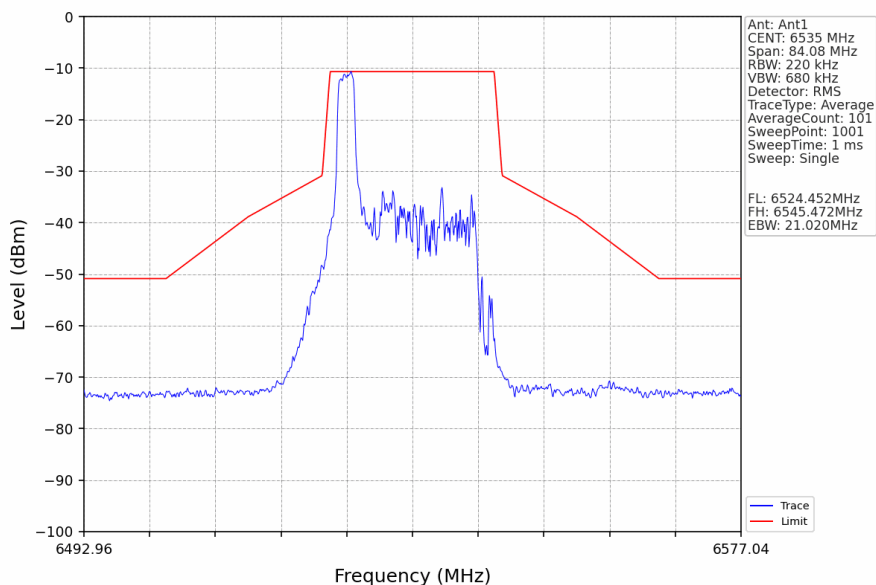


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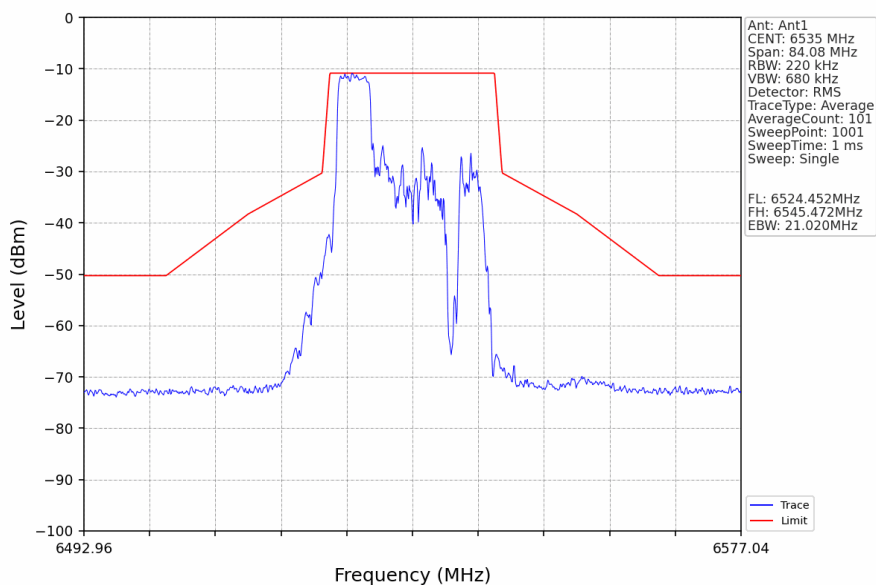


### 6.2.3 EMask

802.11ax(HEW20)\_LCH\_6535MHz\_RU26\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_LCH\_6535MHz\_RU52\_Left\_Ant1\_NTNV



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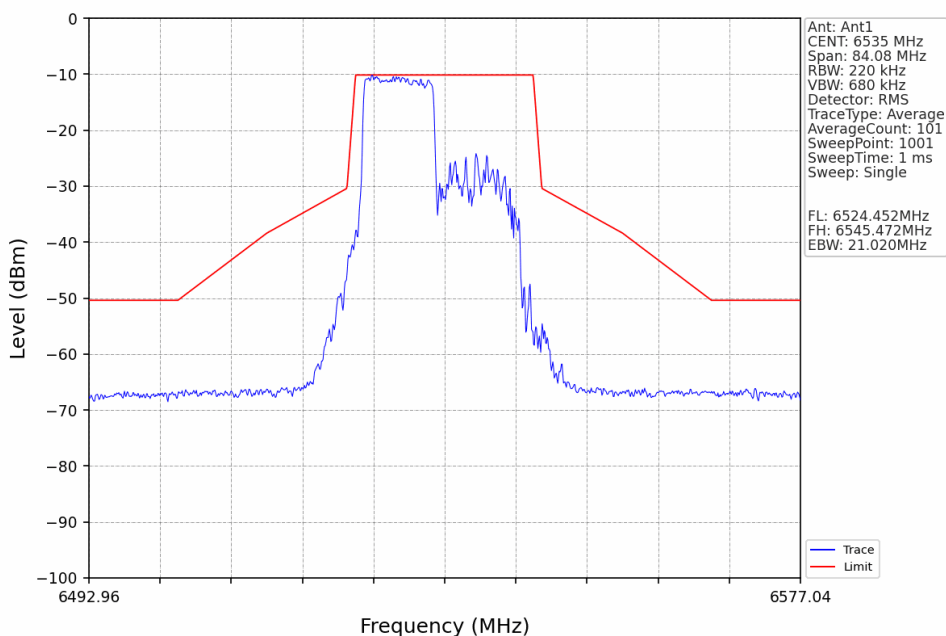
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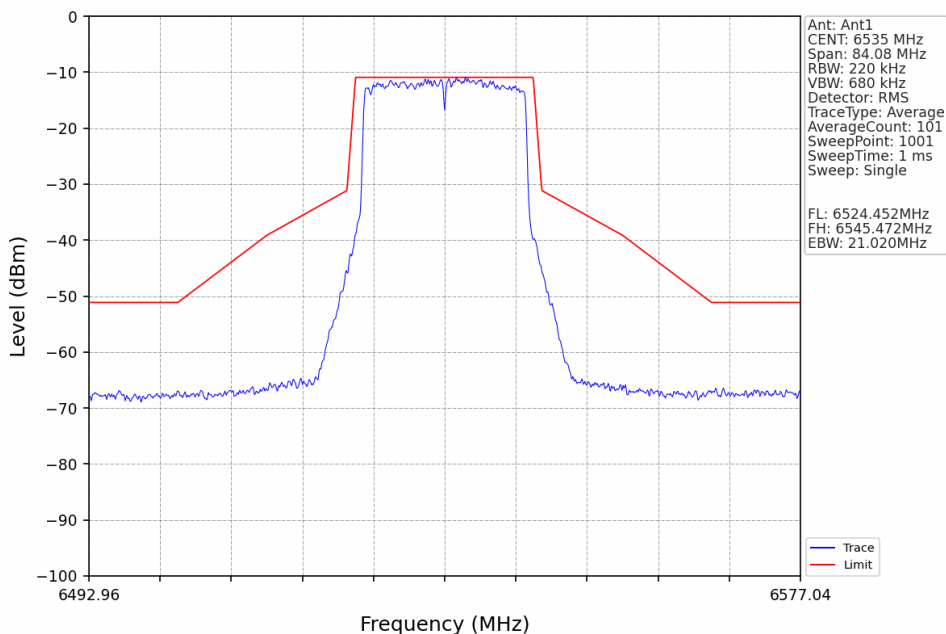
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



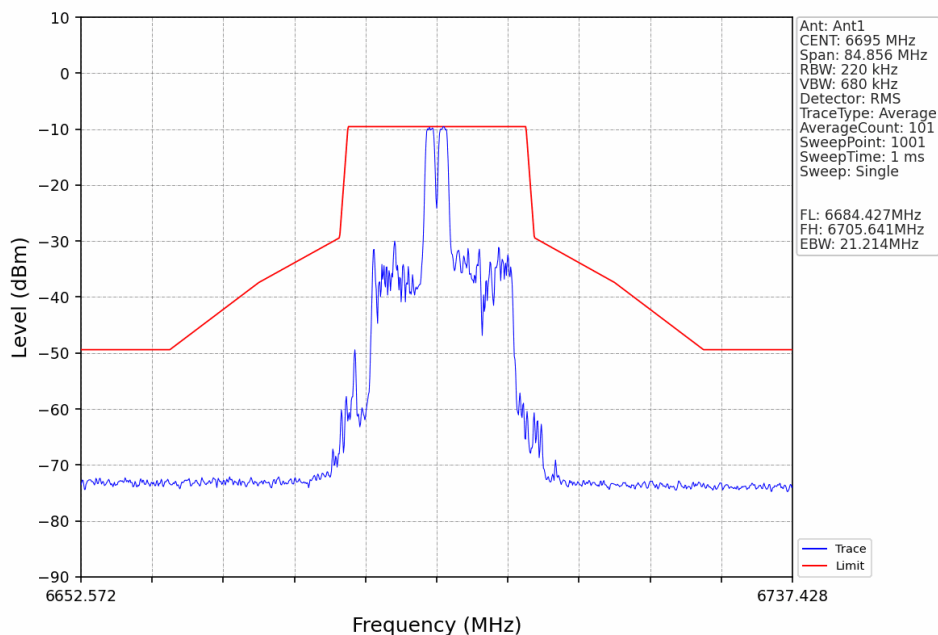
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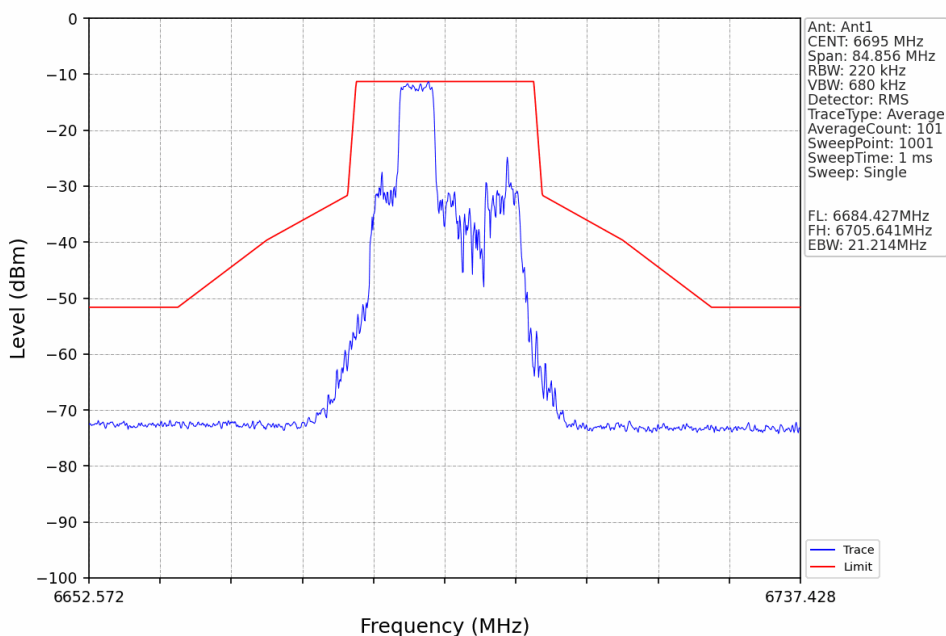
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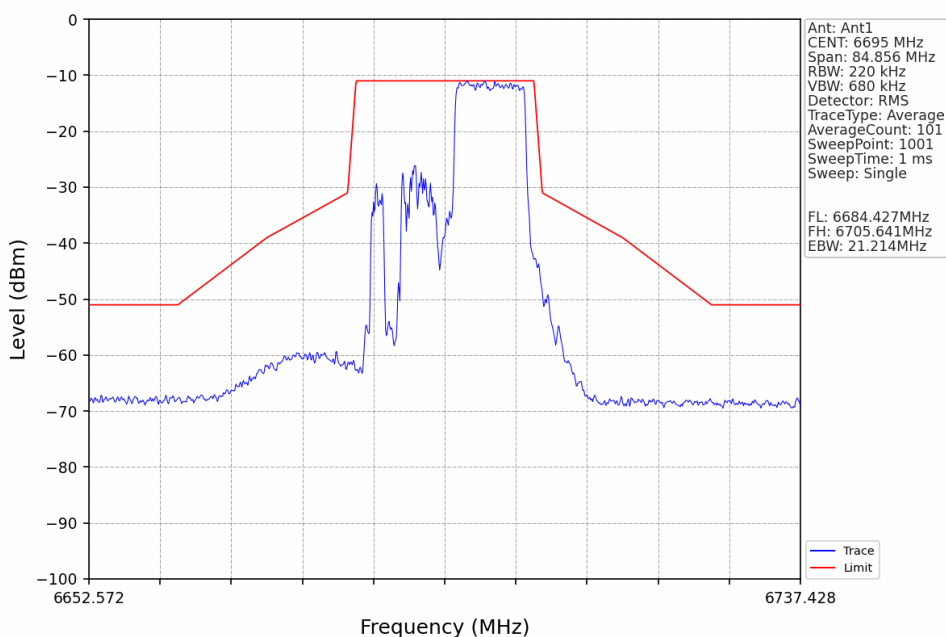
802.11ax(HEW20)\_MCH\_6695MHz\_RU26\_Mid\_Ant1\_NTNV



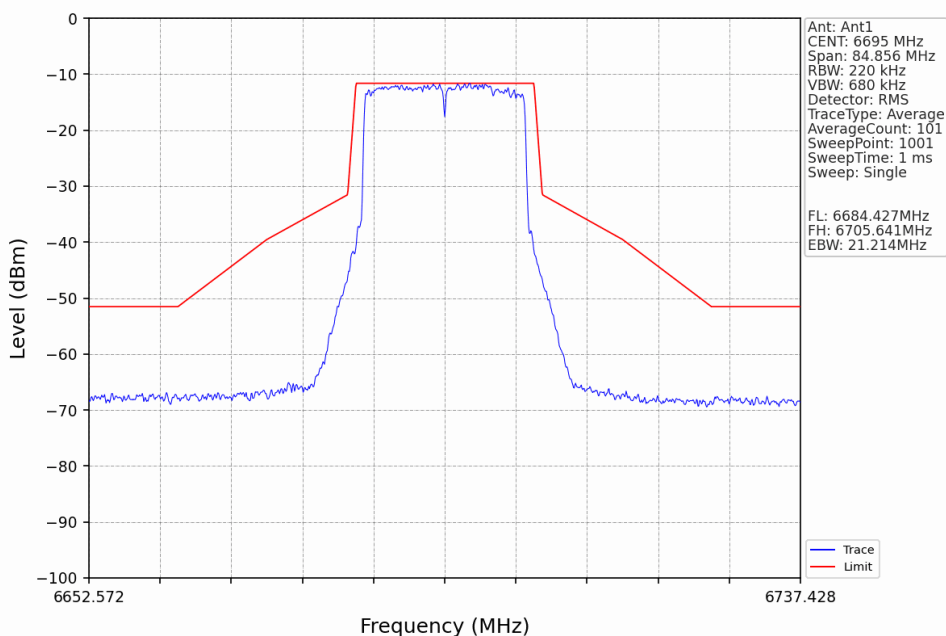
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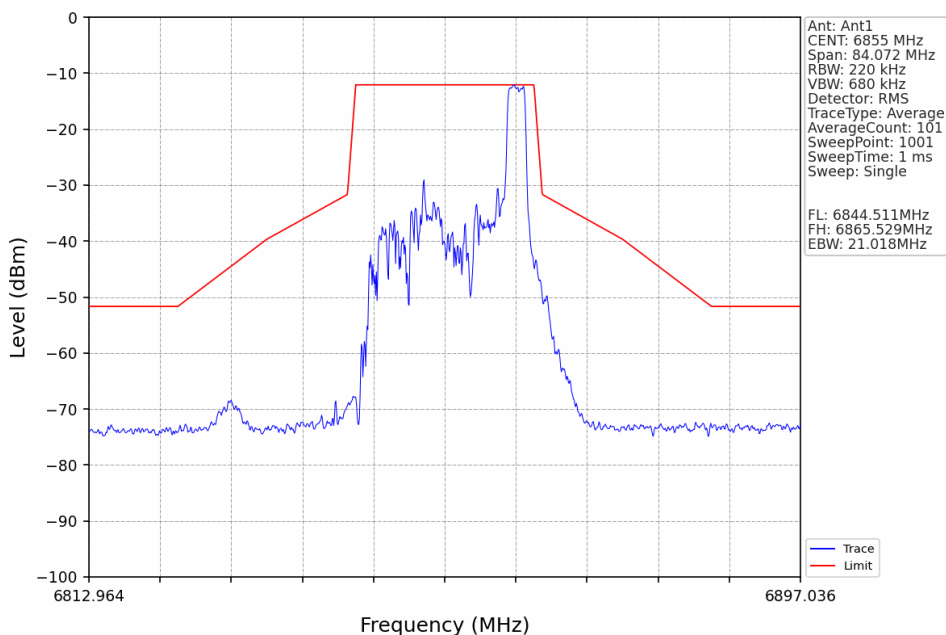
802.11ax(HEW20)\_MCH\_6695MHz\_RU106\_Right\_Ant1\_NTNV



### 802.11ax(HEW20)\_MCH\_6695MHz\_SU\_Ant1\_NTNV



### 802.11ax(HEW20)\_HCH\_6855MHz\_RU26\_Right\_Ant1\_NTNV

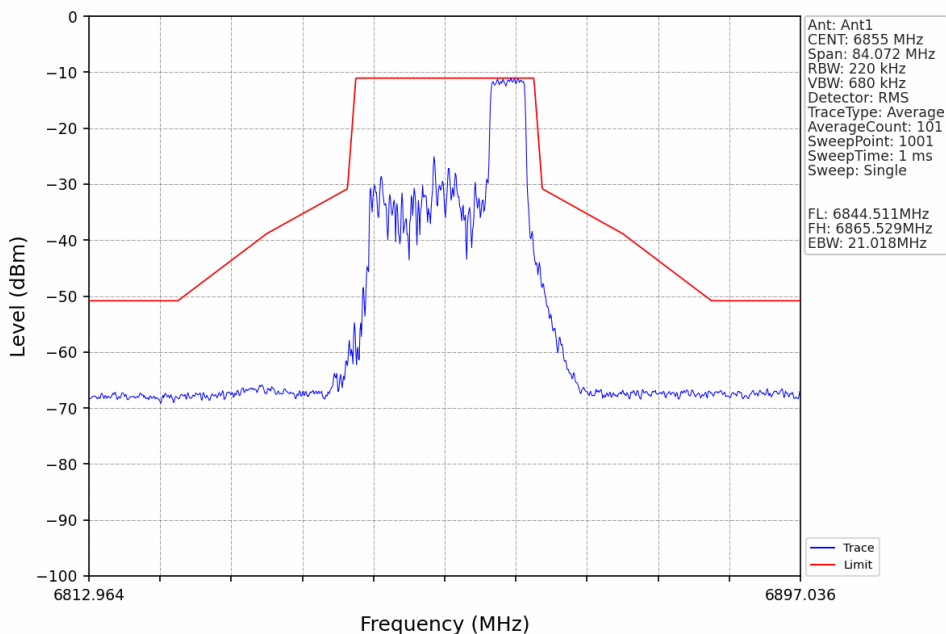


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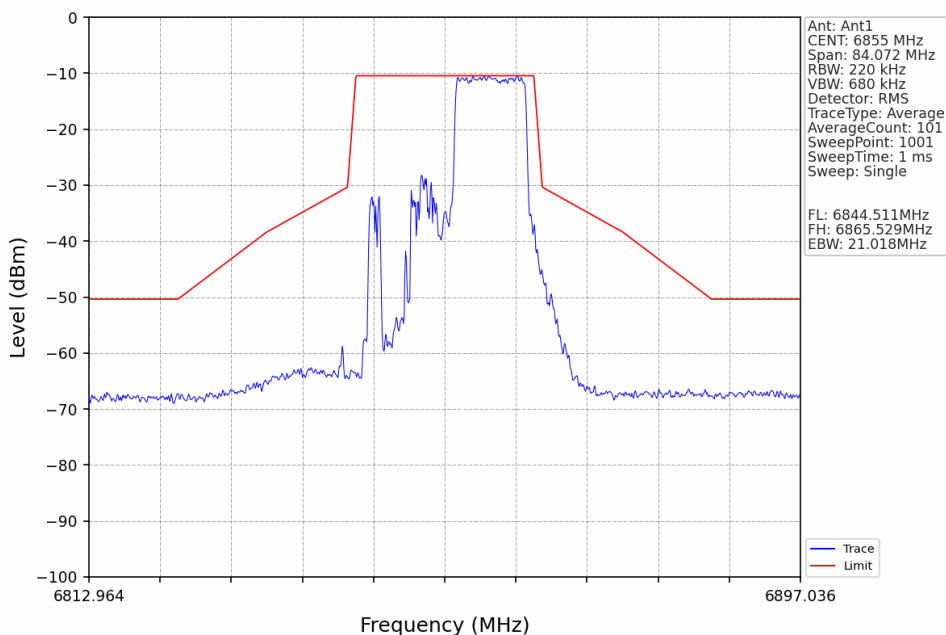
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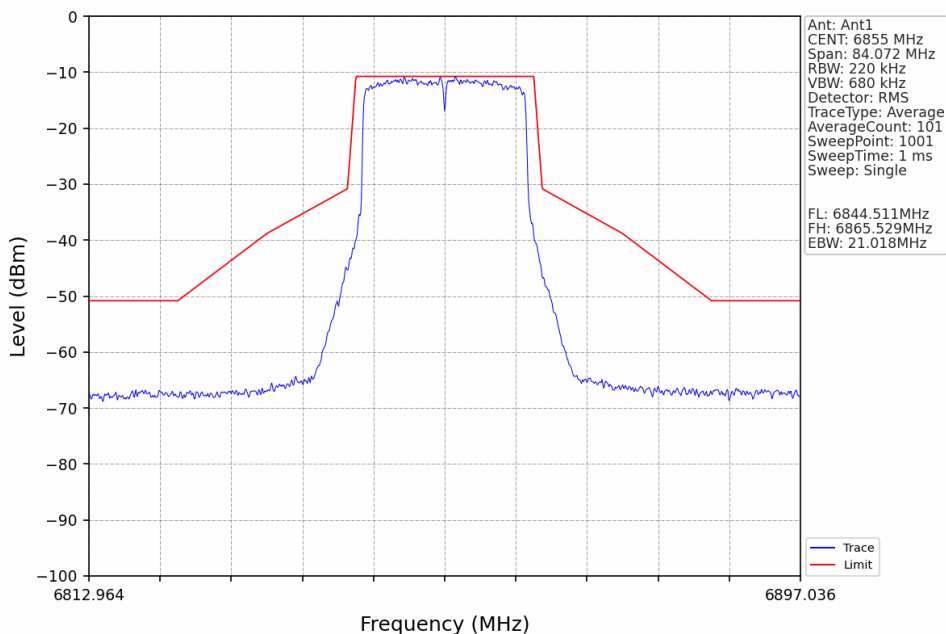
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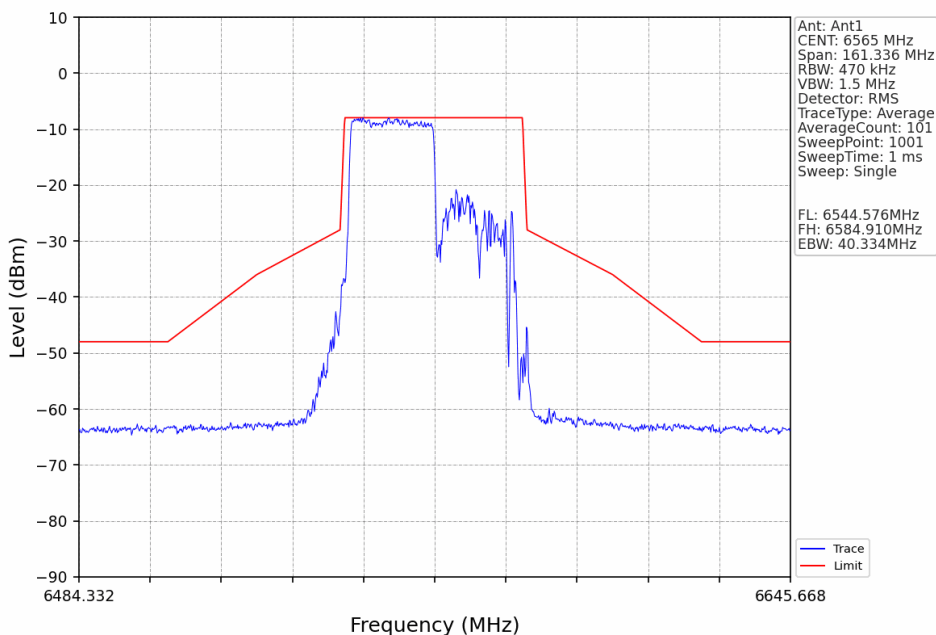
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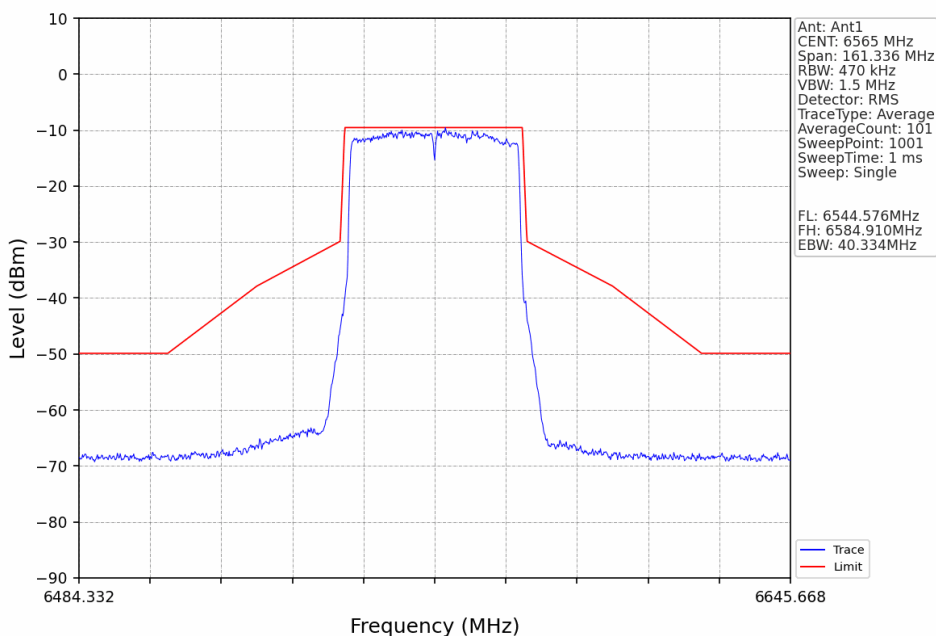
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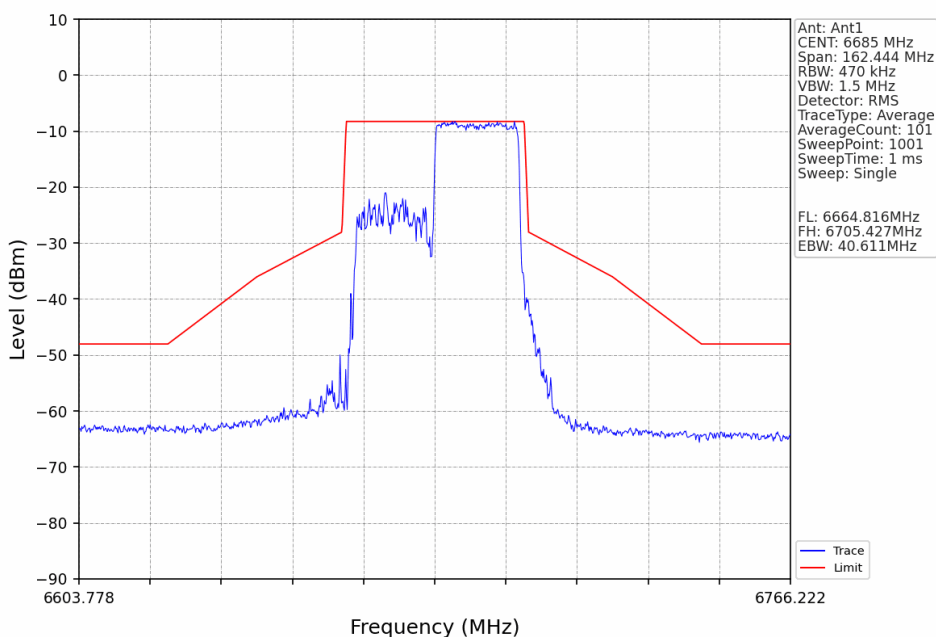
802.11ax(HEW40)\_LCH\_6565MHz\_RU242\_Left\_Ant1\_NTNV



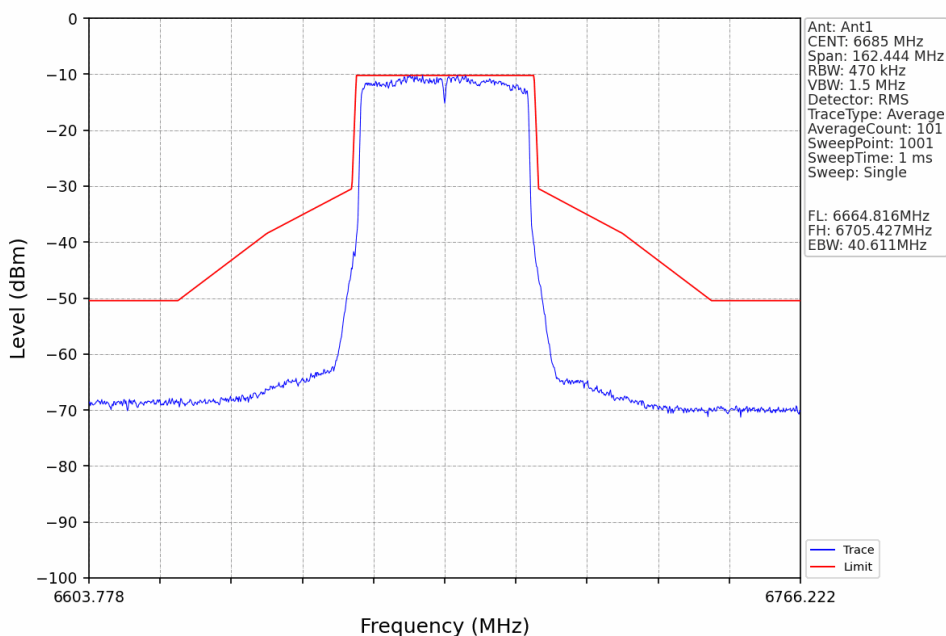
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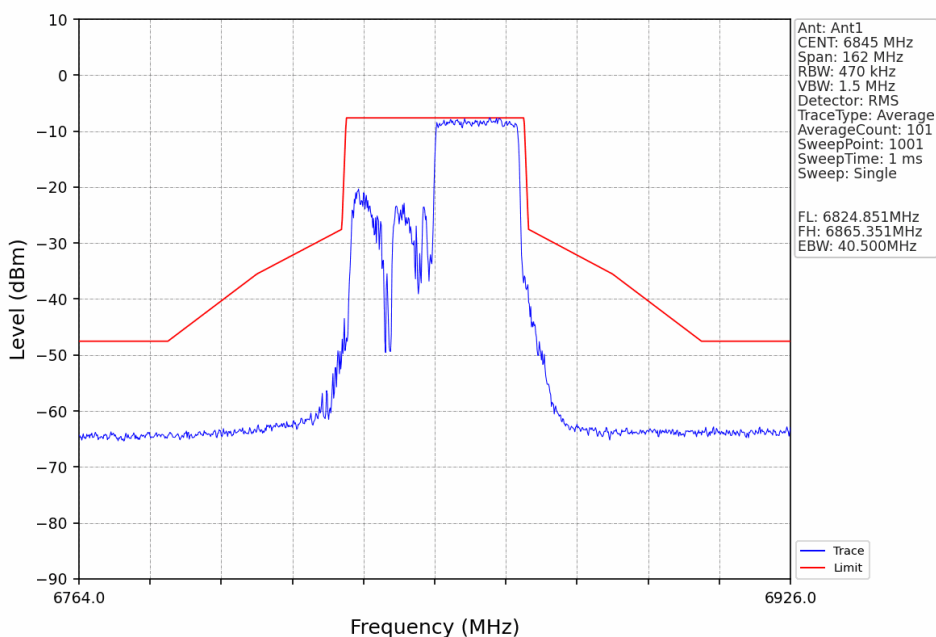
### 802.11ax(HEW40)\_MCH\_6685MHz\_RU242\_Right\_Ant1\_NTNV



### 802.11ax(HEW40)\_MCH\_6685MHz\_SU\_Ant1\_NTNV

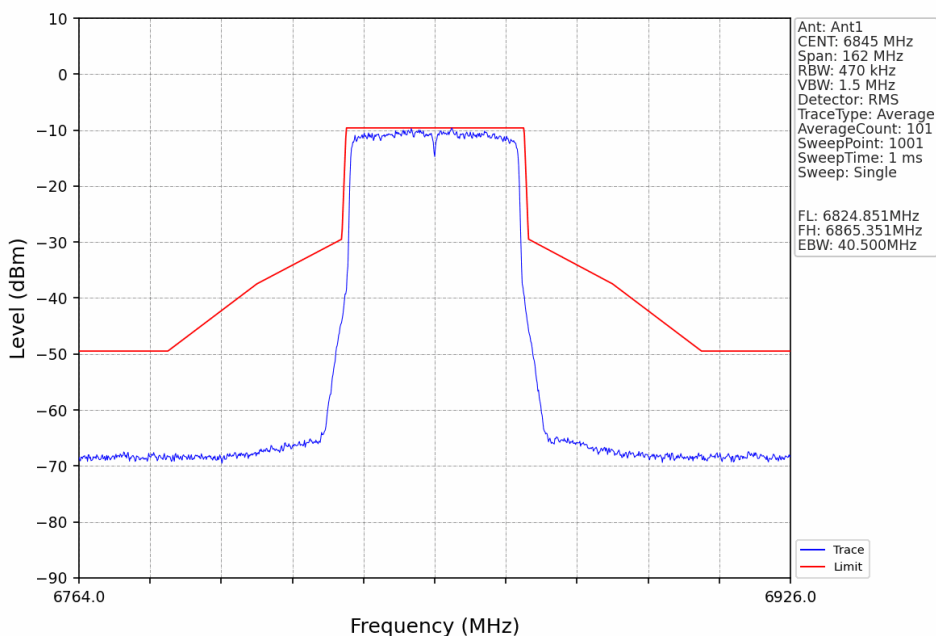


### 802.11ax(HEW40)\_HCH\_6845MHz\_RU242\_Right\_Ant1\_NTNV

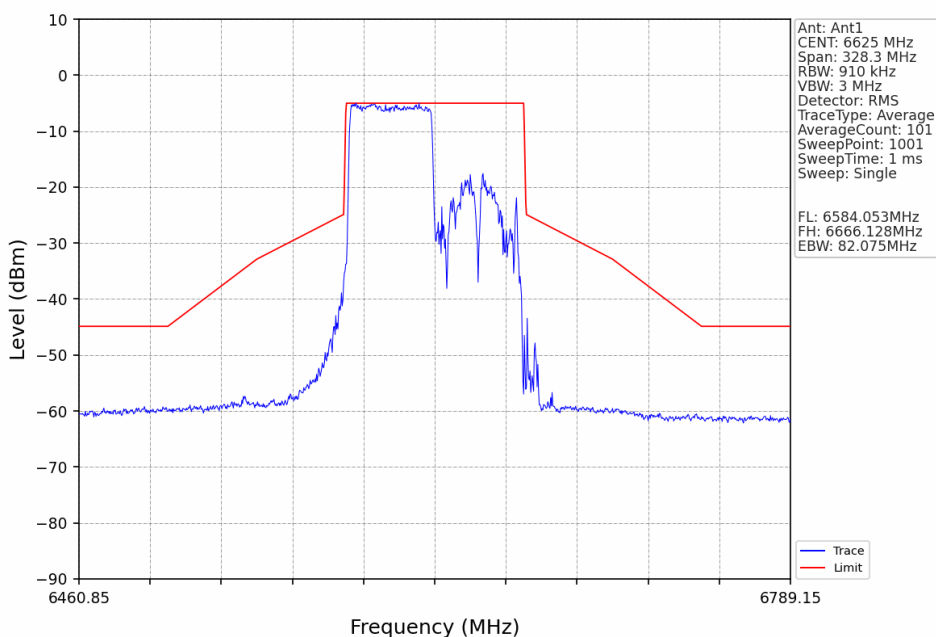




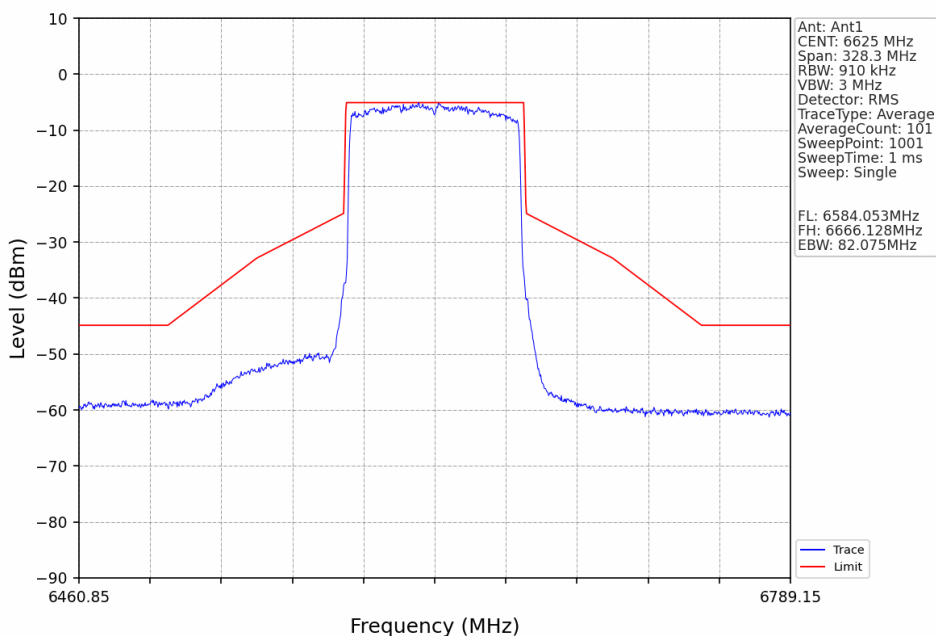
802.11ax(HEW40)\_HCH\_6845MHz\_SU\_Ant1\_NTNV



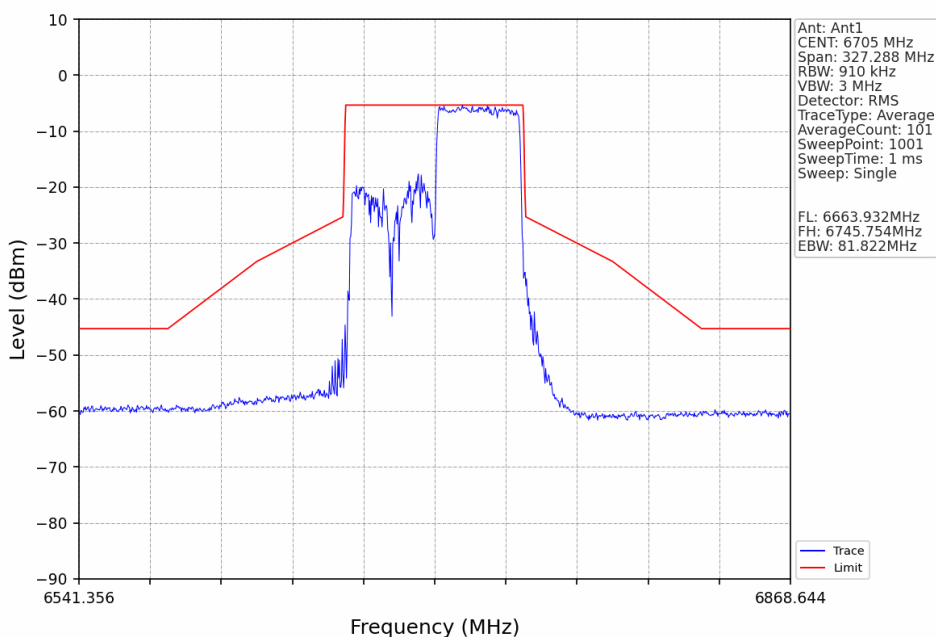
802.11ax(HEW80)\_LCH\_6625MHz\_RU484\_Left\_Ant1\_NTNV



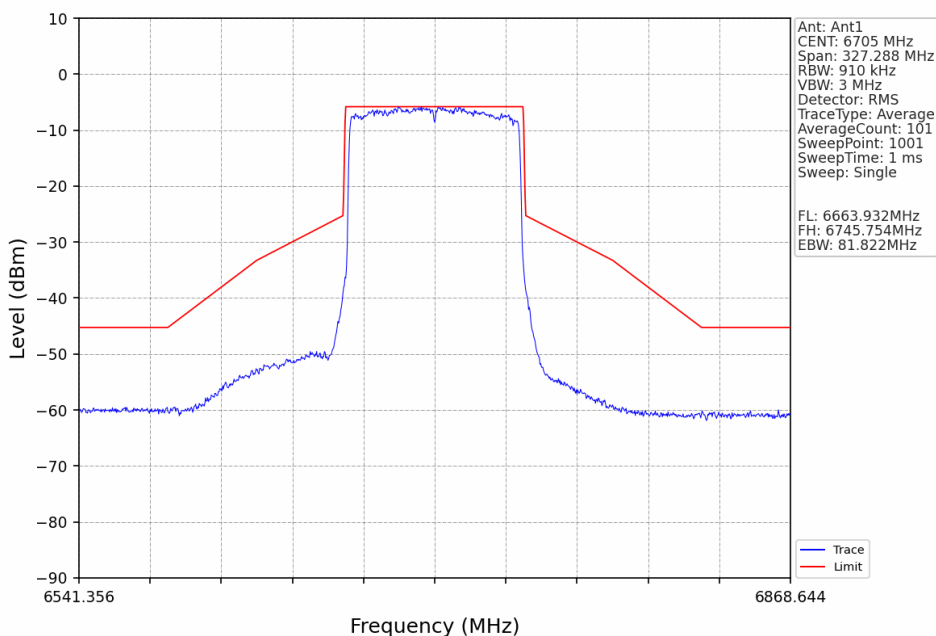
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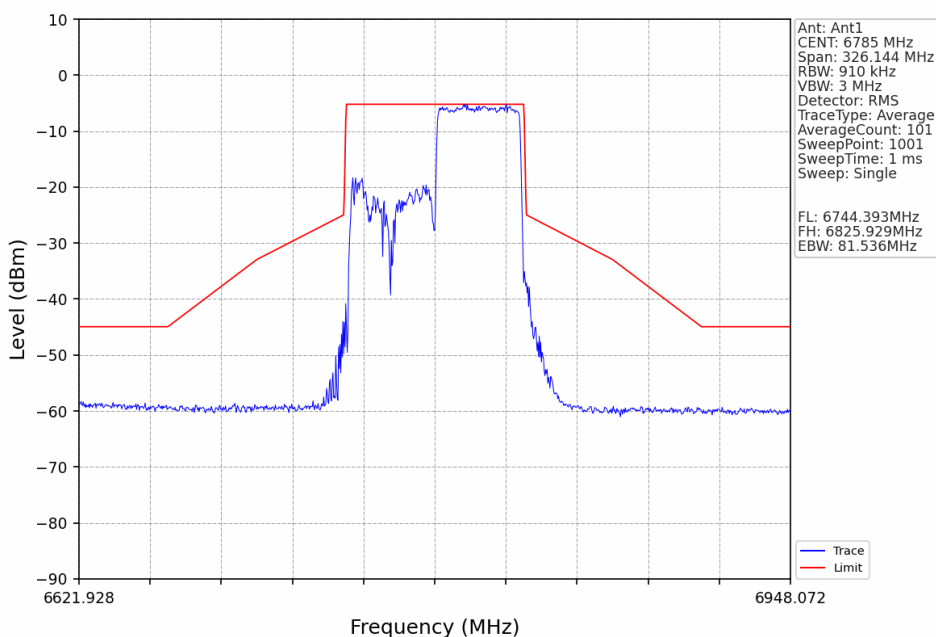
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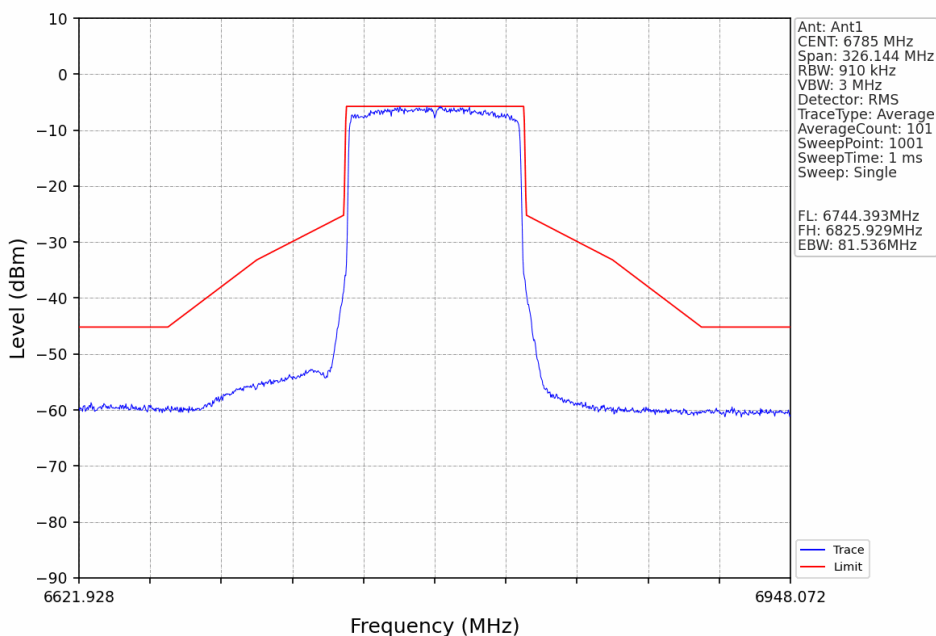
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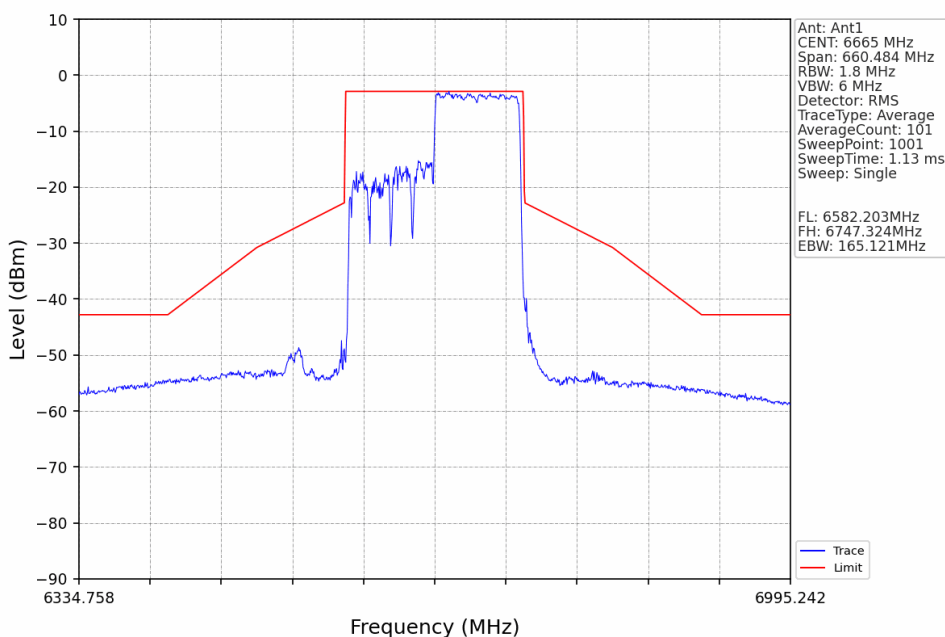
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### 802.11ax(HEW80)\_HCH\_6785MHz\_SU\_Ant1\_NTNV

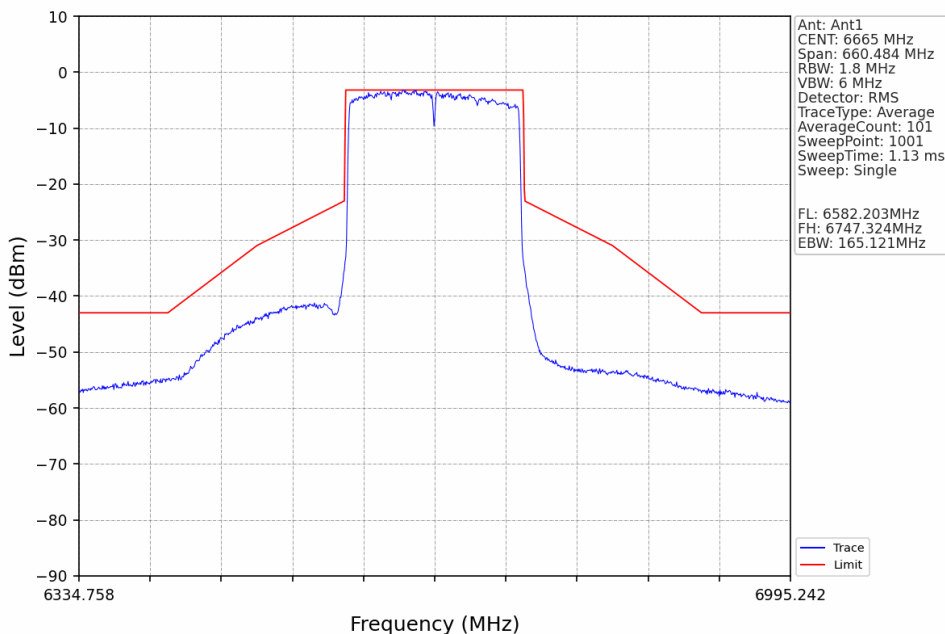


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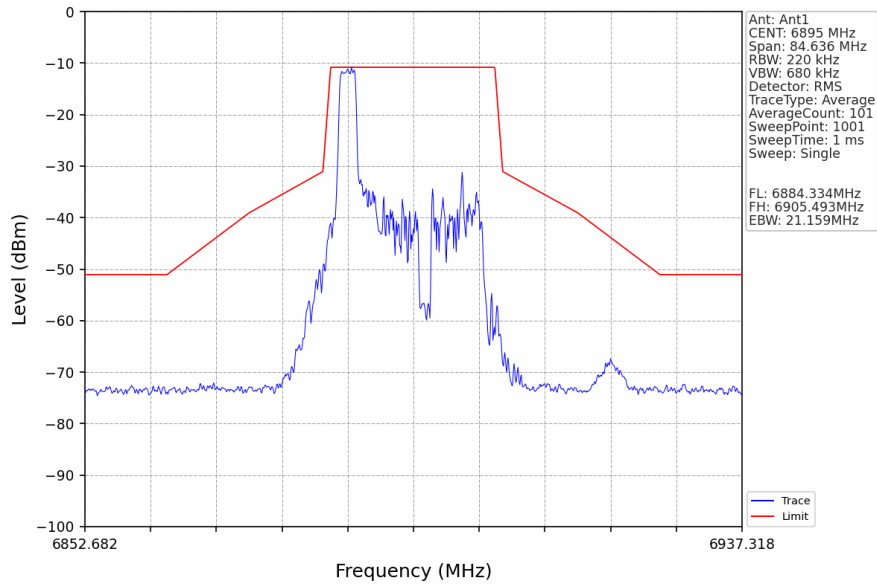


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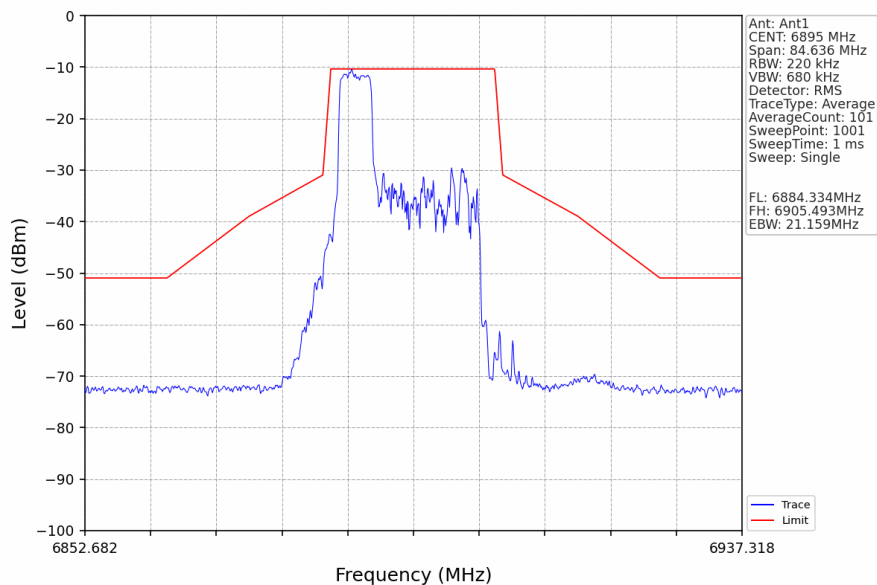


### 6.2.4 EMask

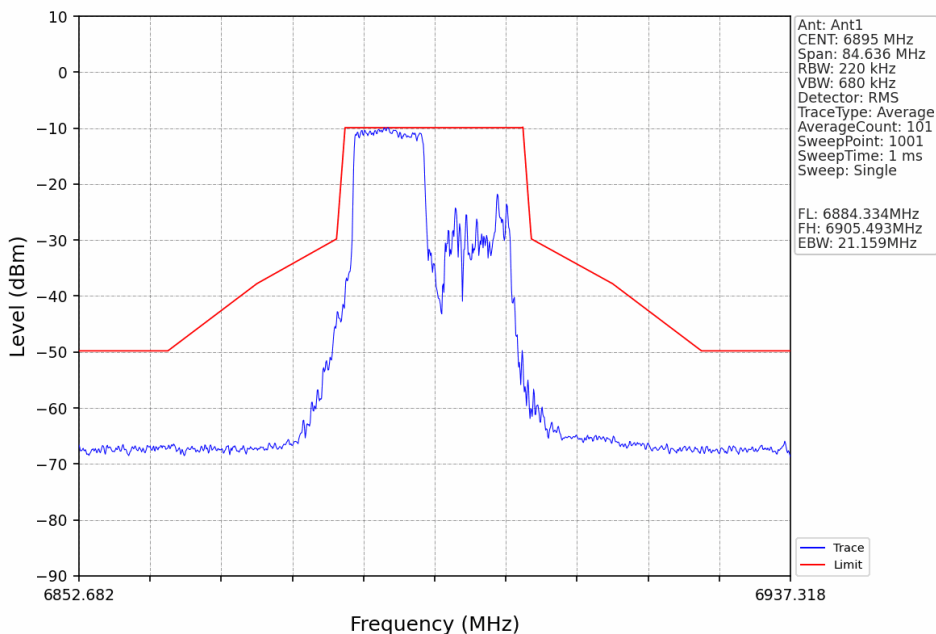
802.11ax(HEW20)\_LCH\_6895MHz\_RU26\_Left\_Ant1\_NTNV



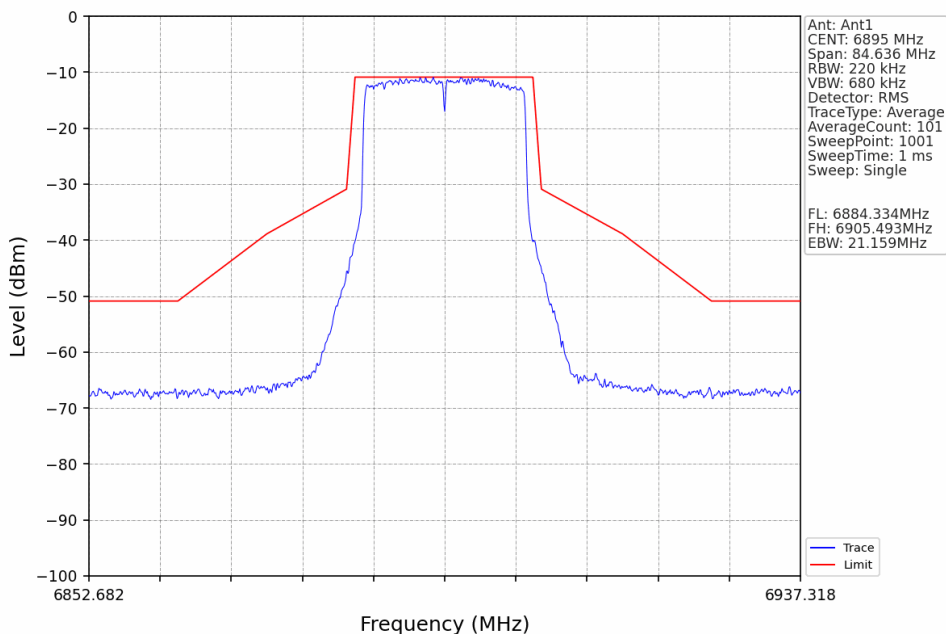
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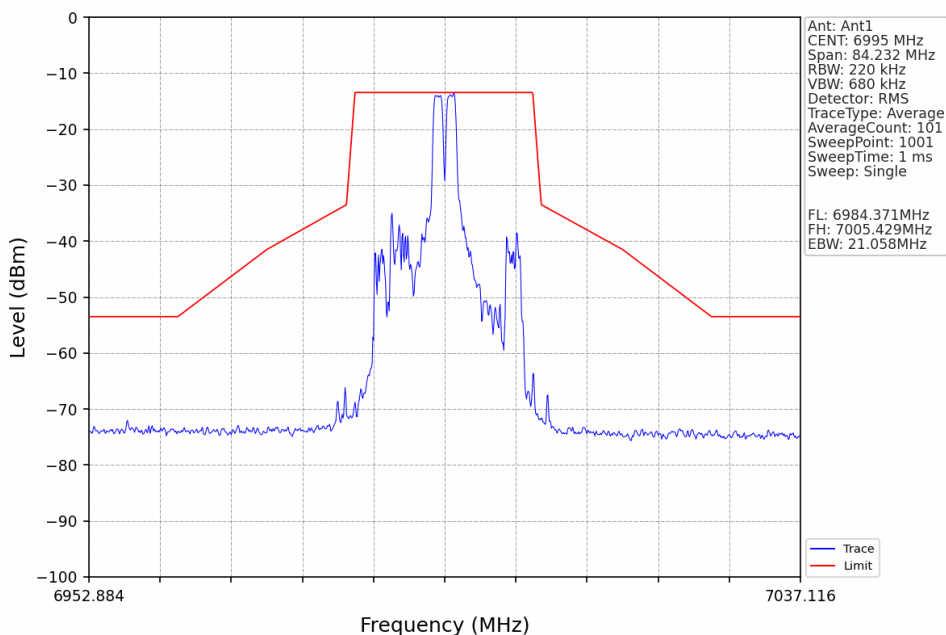
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802.11ax(HEW20)\_LCH\_6895MHz\_SU\_Ant1\_NTNV

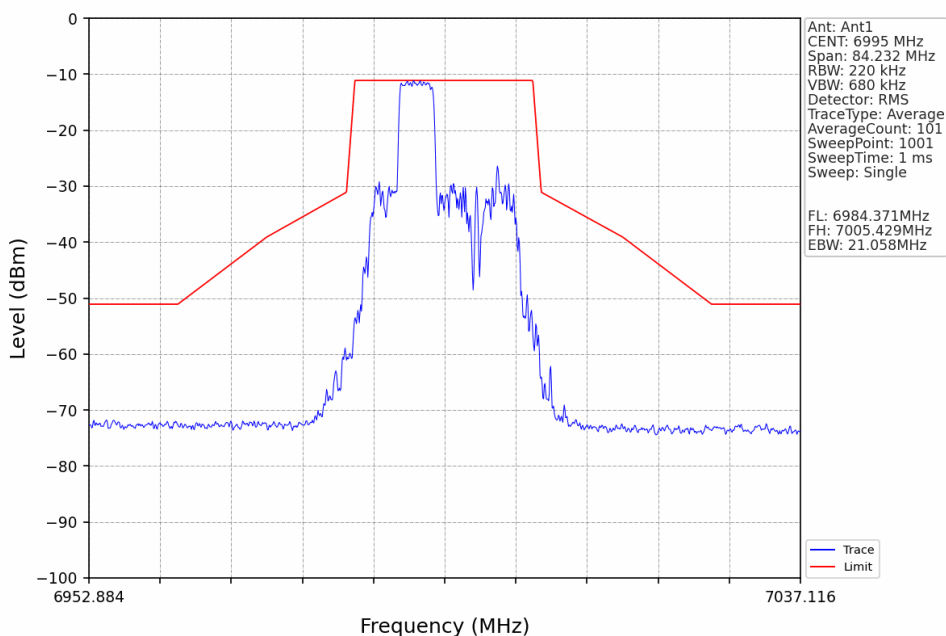


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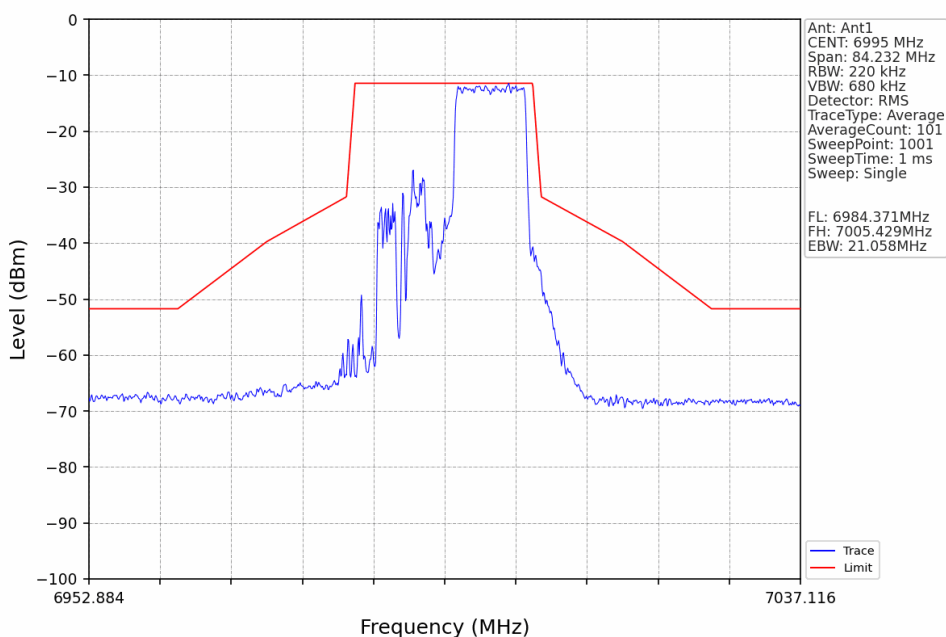




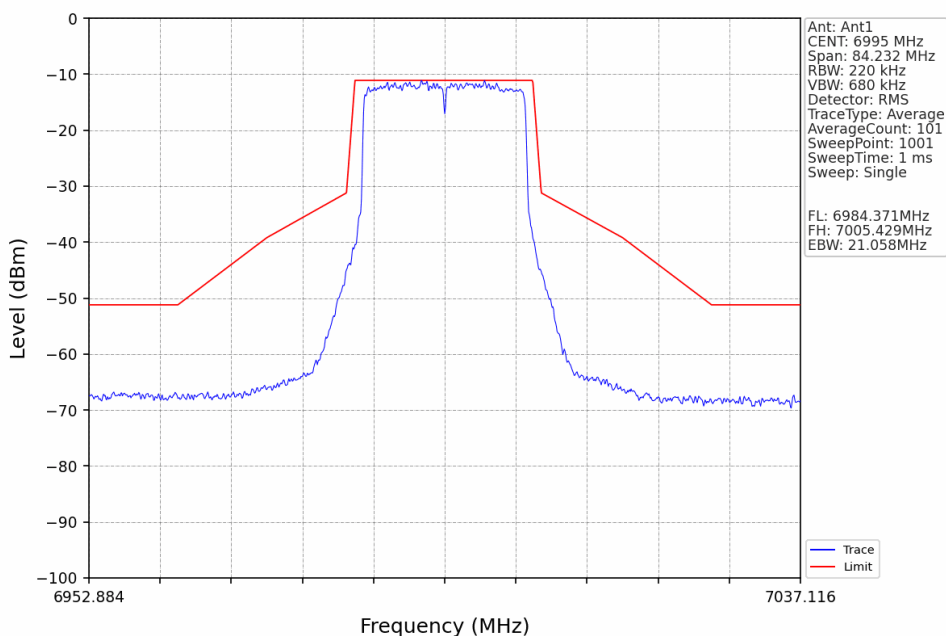
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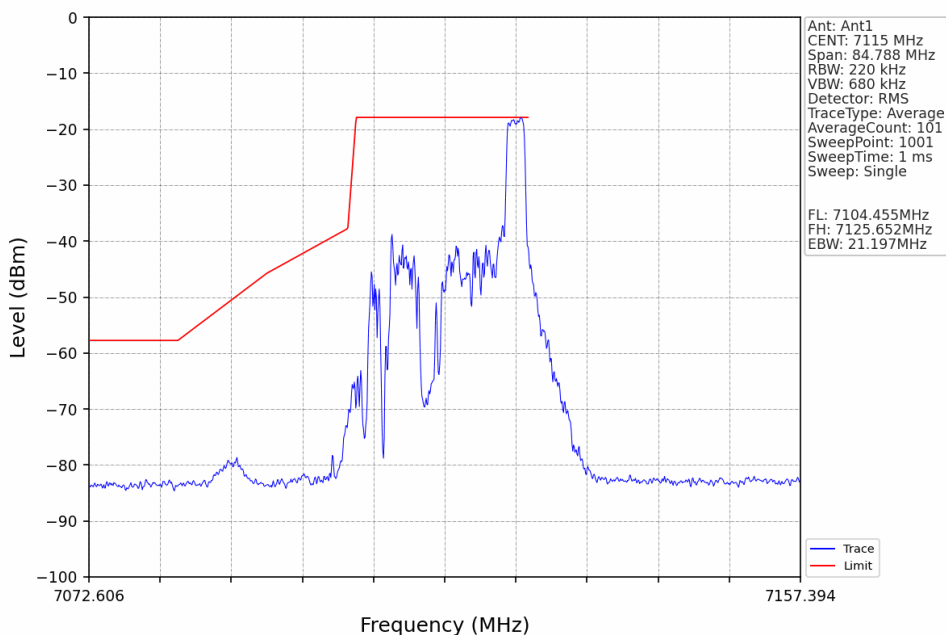
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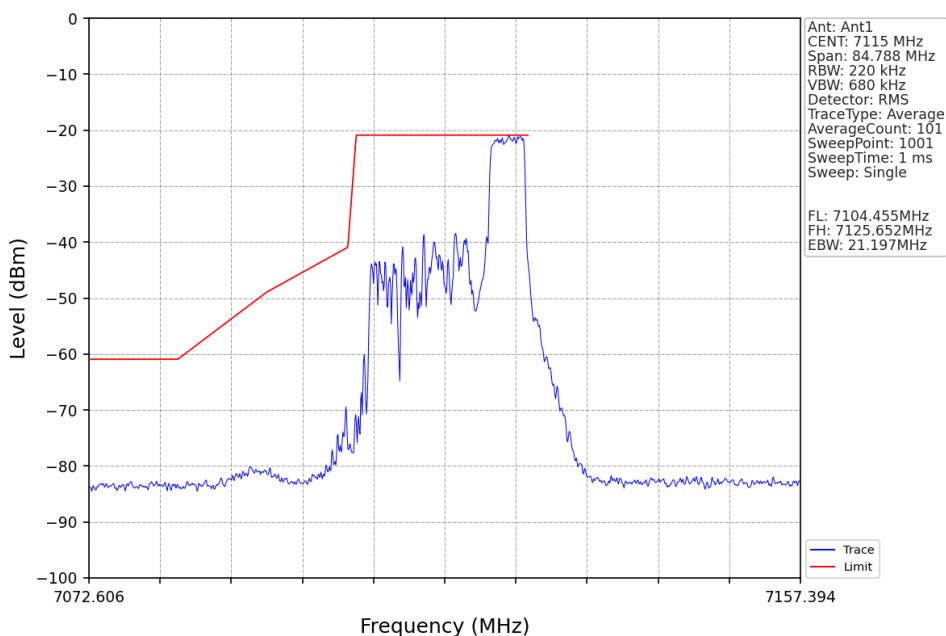
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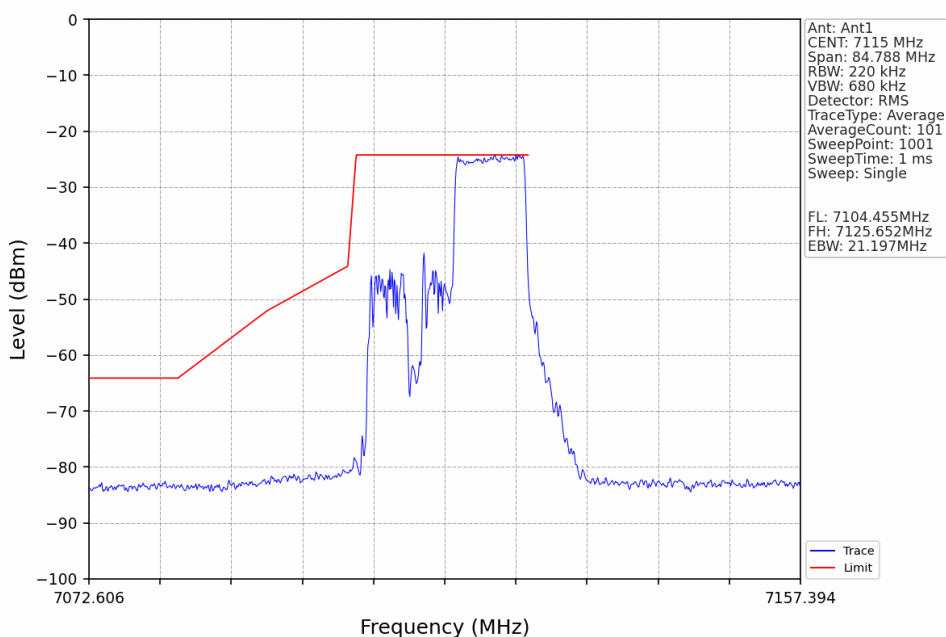
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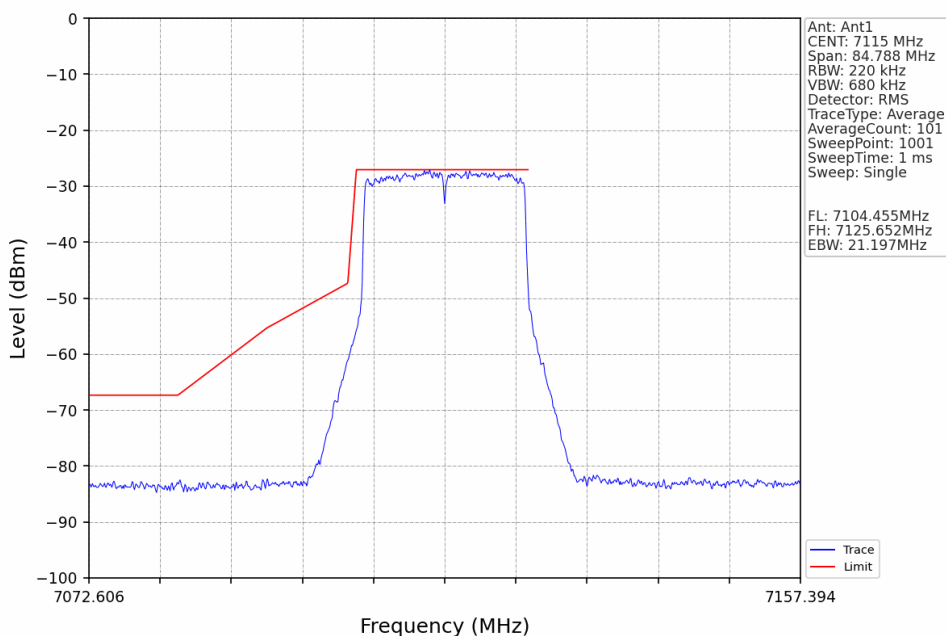
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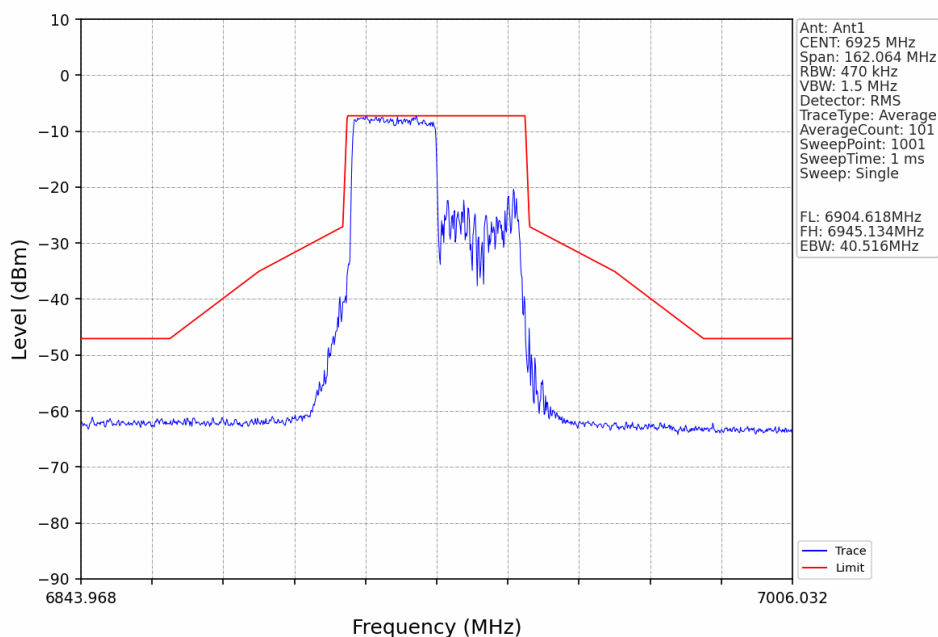
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802.11ax(HEW20)\_HCH\_7115MHz\_SU\_Ant1\_NTNV

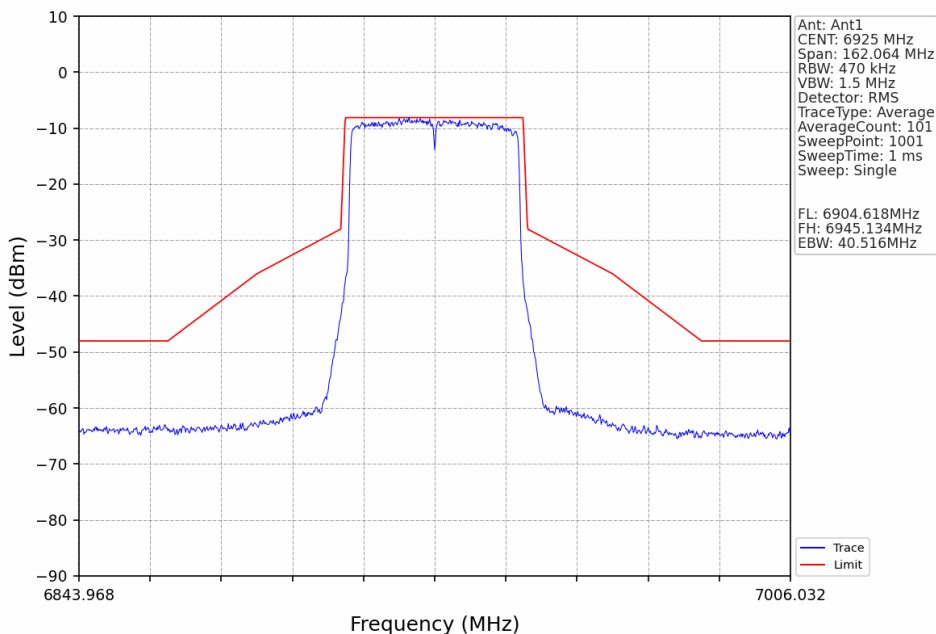


802.11ax(HEW40)\_LCH\_6925MHz\_RU242\_Left\_Ant1\_NTNV

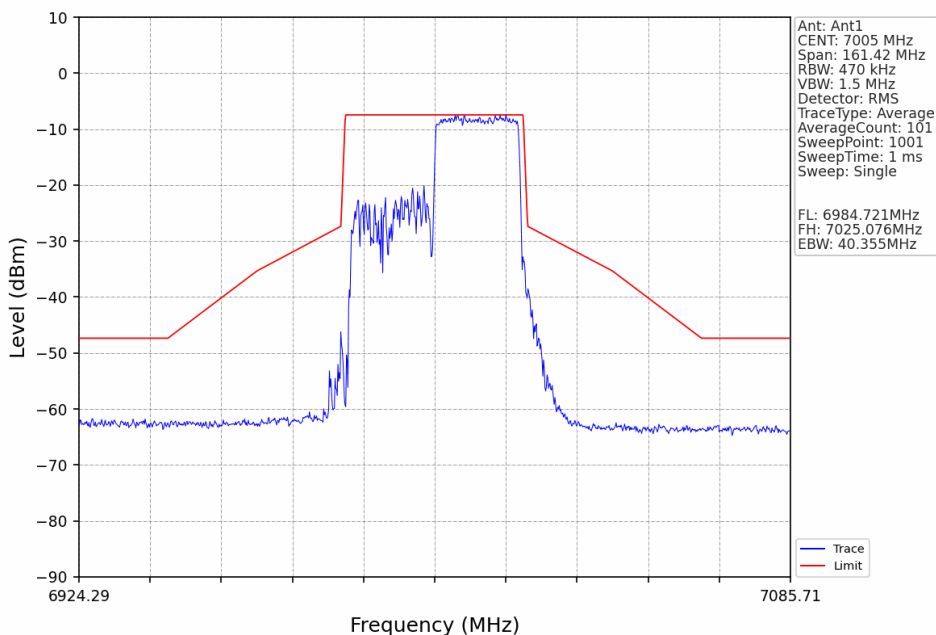




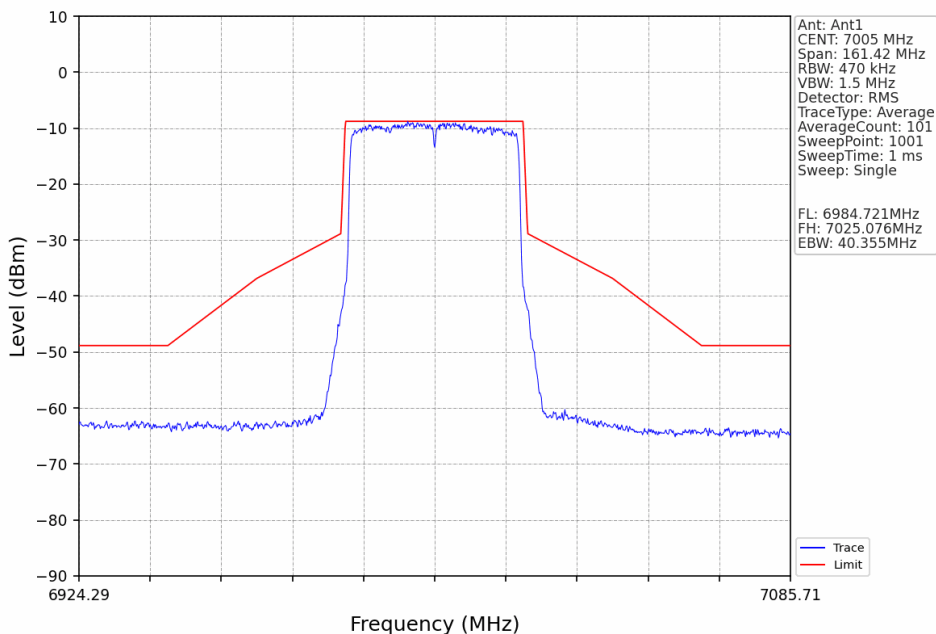
### 802.11ax(HEW40)\_LCH\_6925MHz\_SU\_Ant1\_NTNV



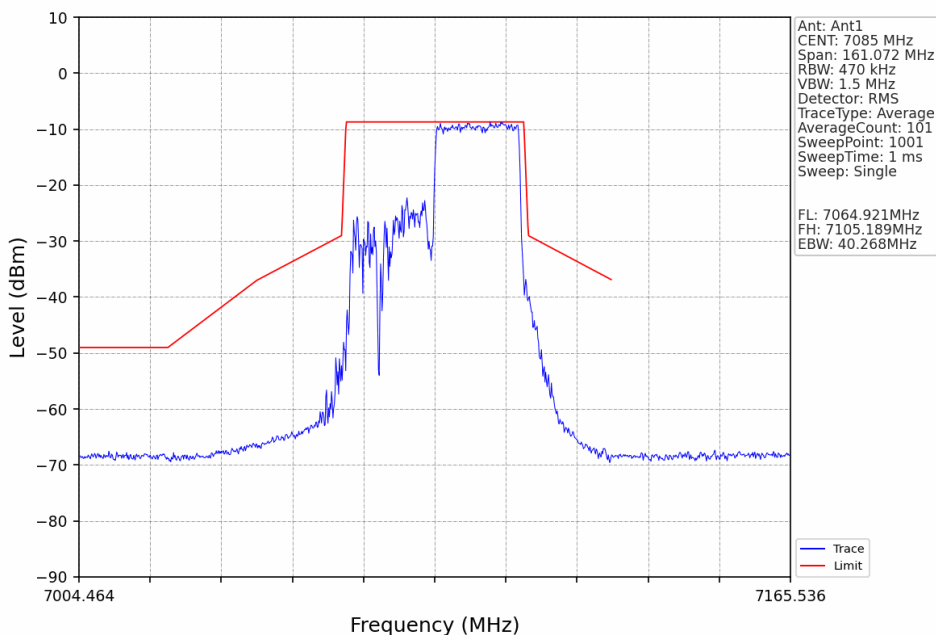
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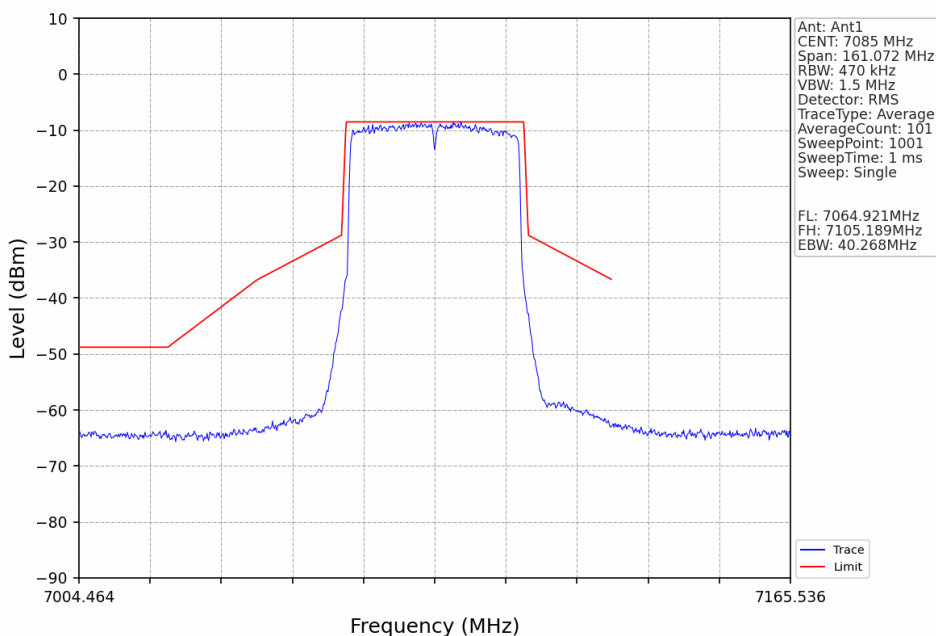
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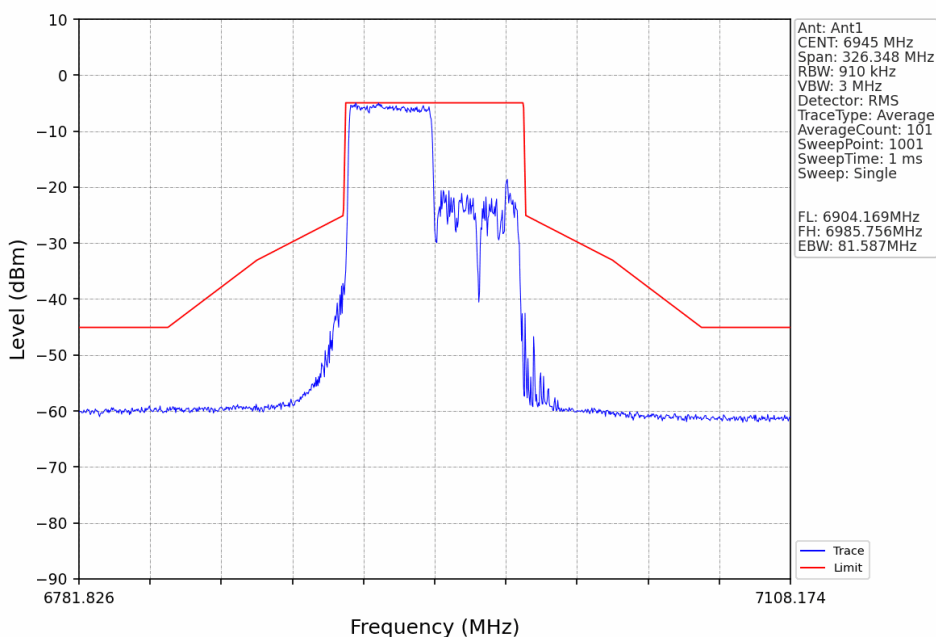
802.11ax(HEW40)\_HCH\_7085MHz\_RU242\_Right\_Ant1\_NTNV



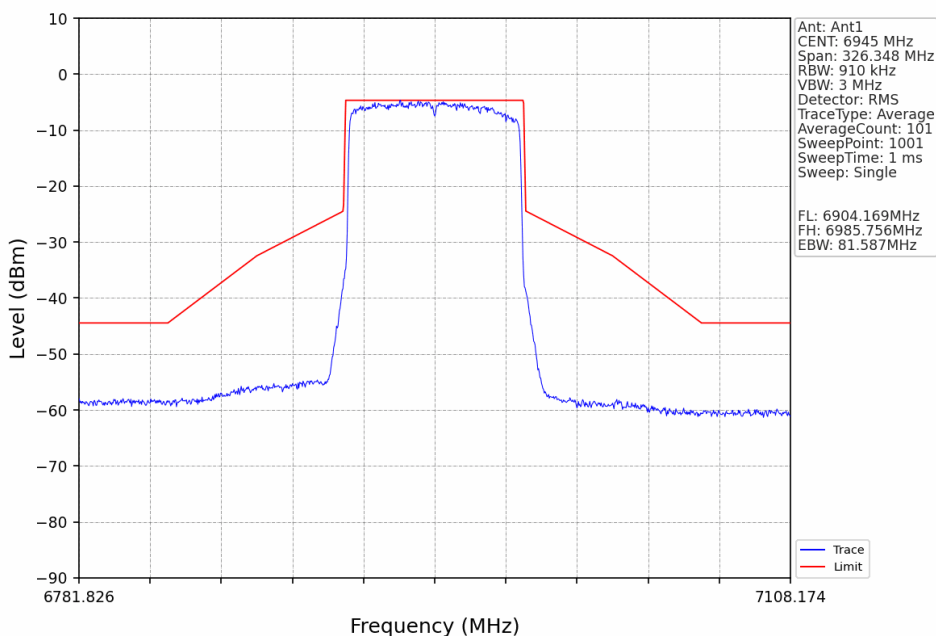
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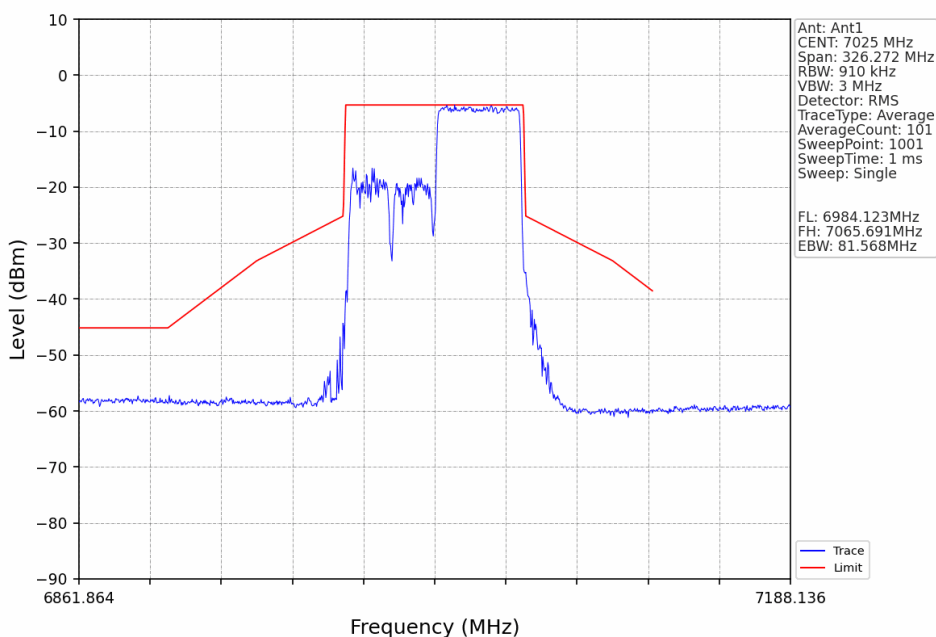
802.11ax(HEW80)\_LCH\_6945MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_LCH\_6945MHz\_SU\_Ant1\_NTNV

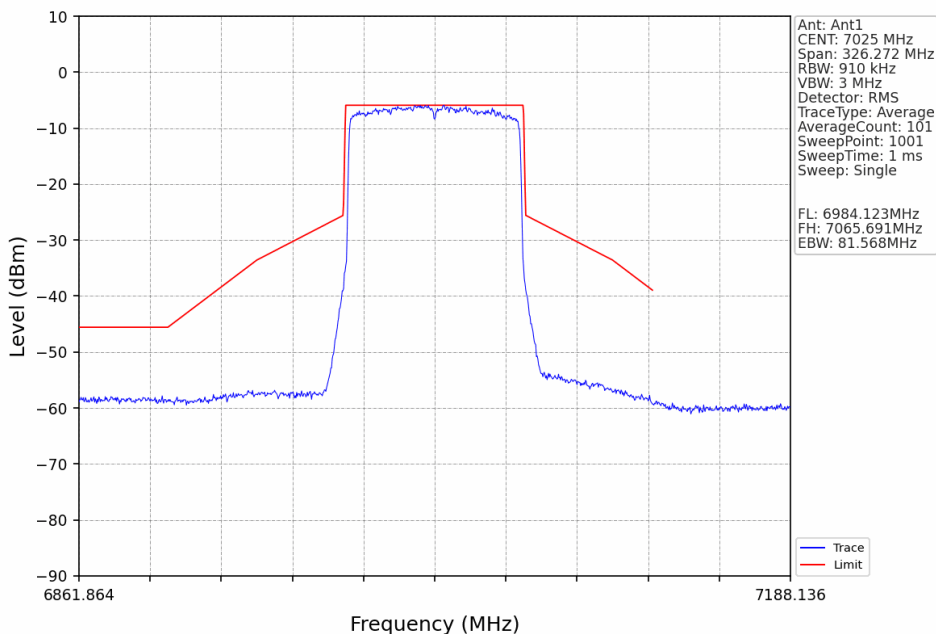


### 802.11ax(HEW80)\_HCH\_7025MHz\_RU484\_Right\_Ant1\_NTNV

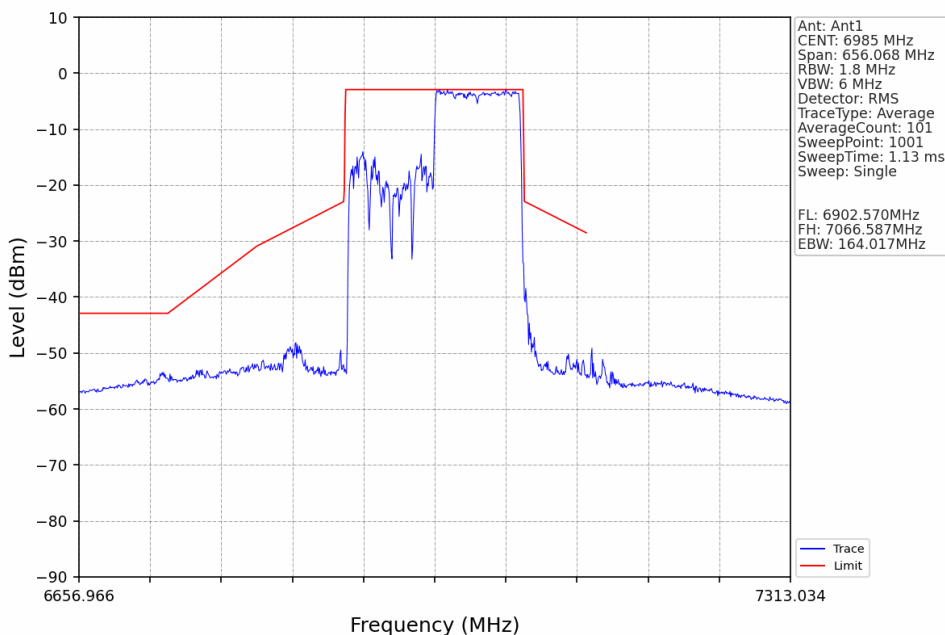




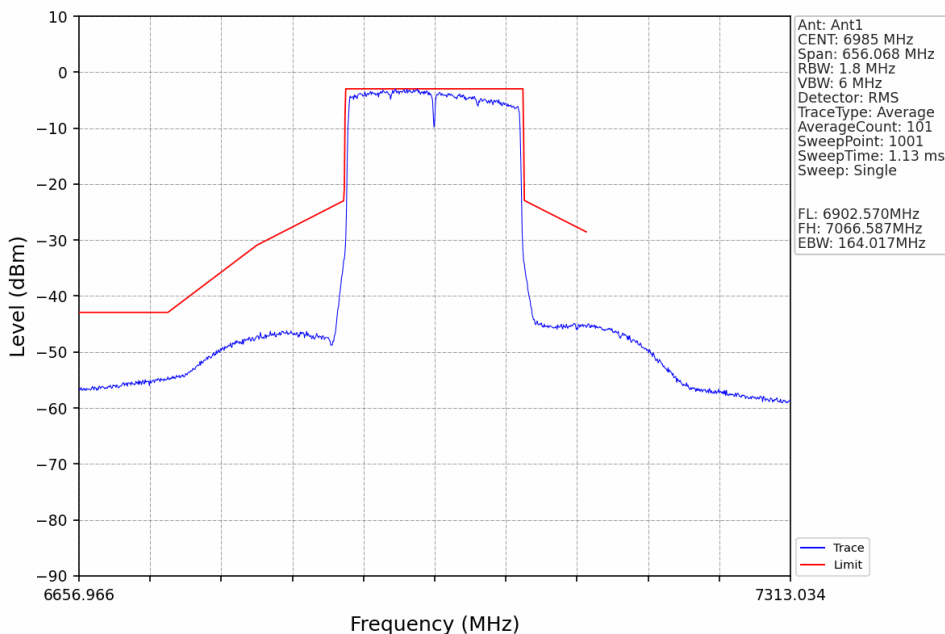
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### 802.11ax(HEW160)\_MCH\_6985MHz\_RU996\_Right\_Ant1\_NTNV

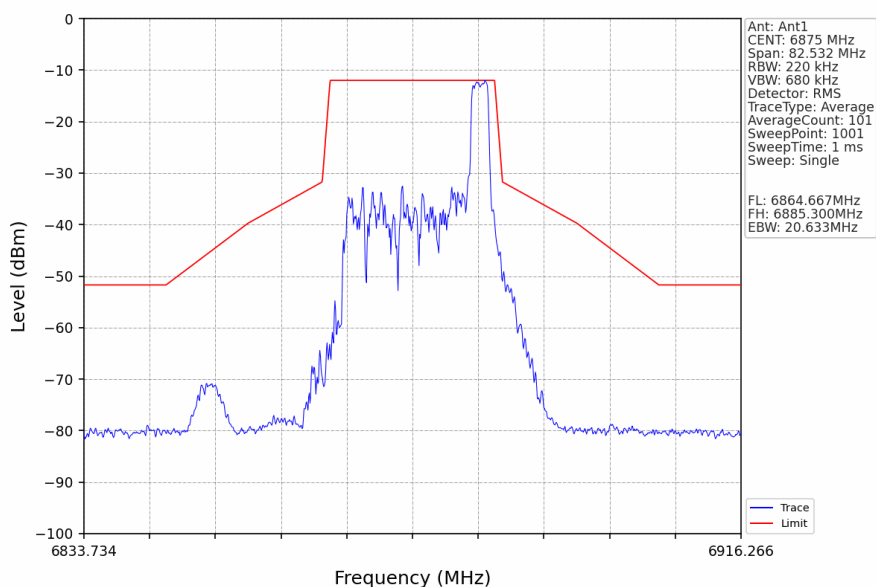


### 802.11ax(HEW160)\_MCH\_6985MHz\_SU\_Ant1\_NTNV

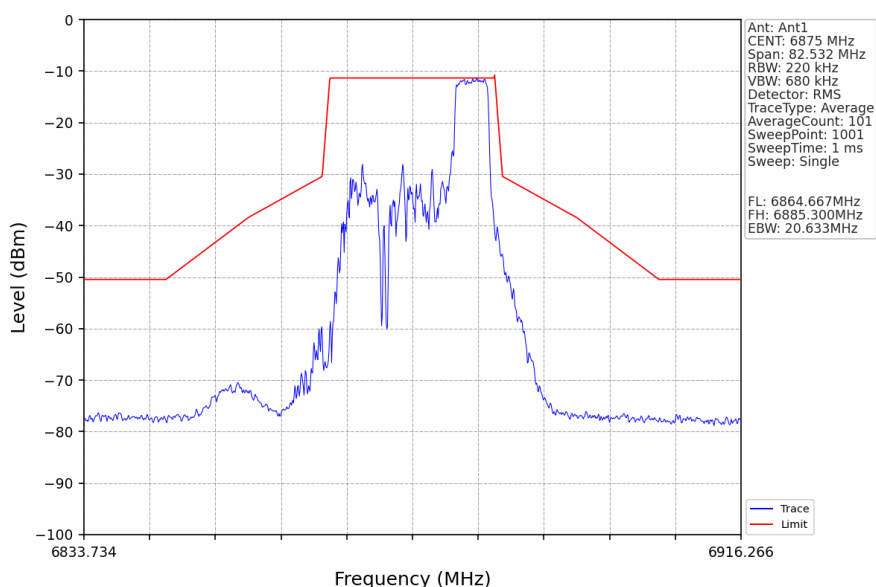


### 6.2.5 EMask

802.11ax(HEW20)\_HCH\_6875MHz\_RU26\_Right\_Ant1\_NTNV



802.11ax(HEW20)\_HCH\_6875MHz\_RU52\_Right\_Ant1\_NTNV



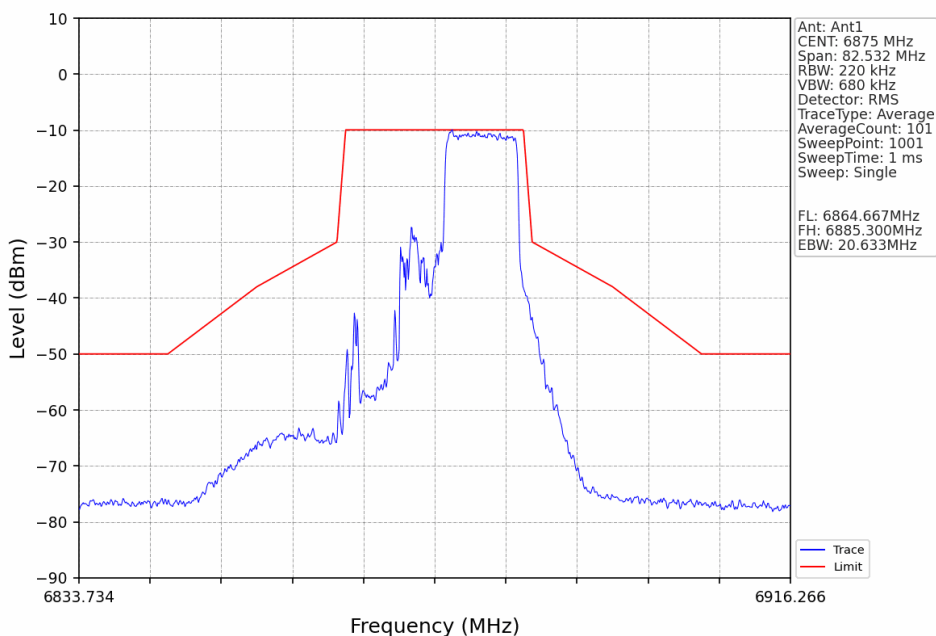
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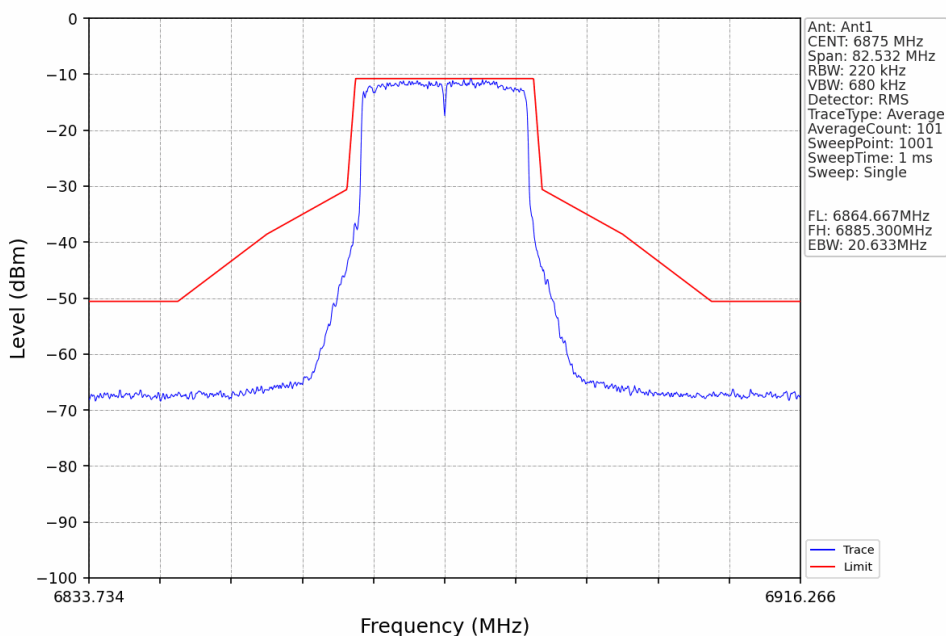
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802.11ax(HEW20)\_HCH\_6875MHz\_RU106\_Right\_Ant1\_NTNV

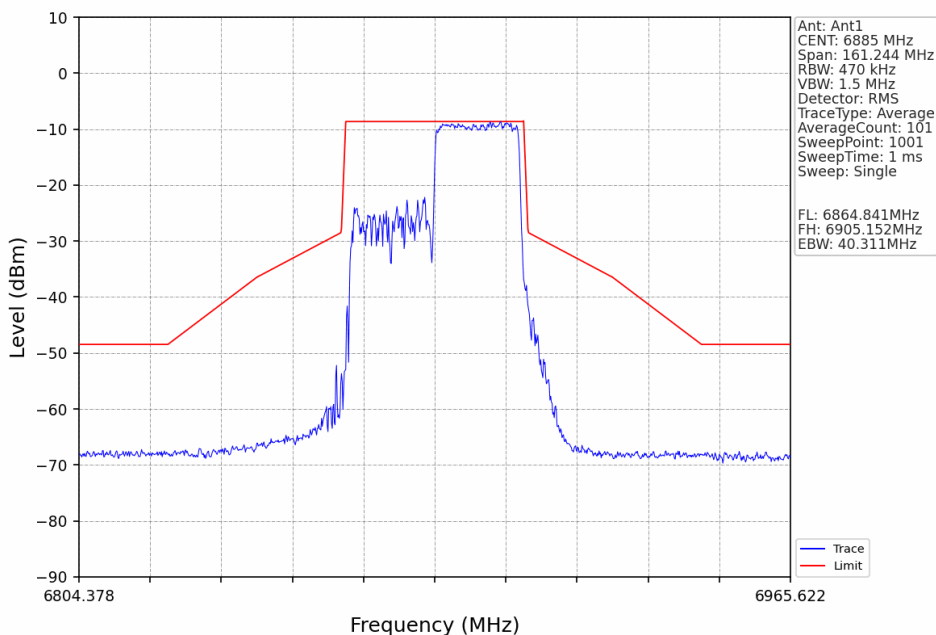




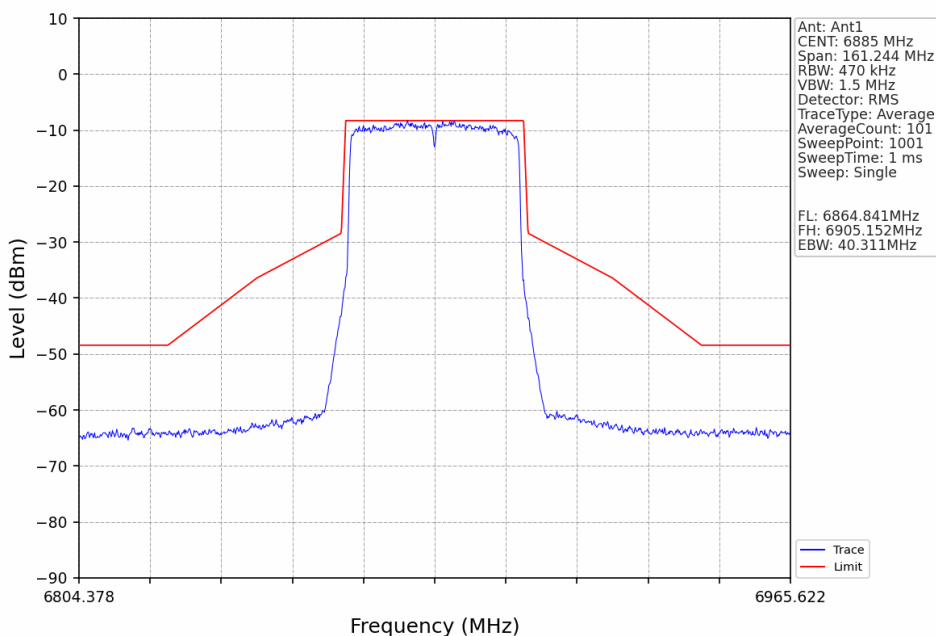
802.11ax(HEW20)\_HCH\_6875MHz\_SU\_Ant1\_NTNV



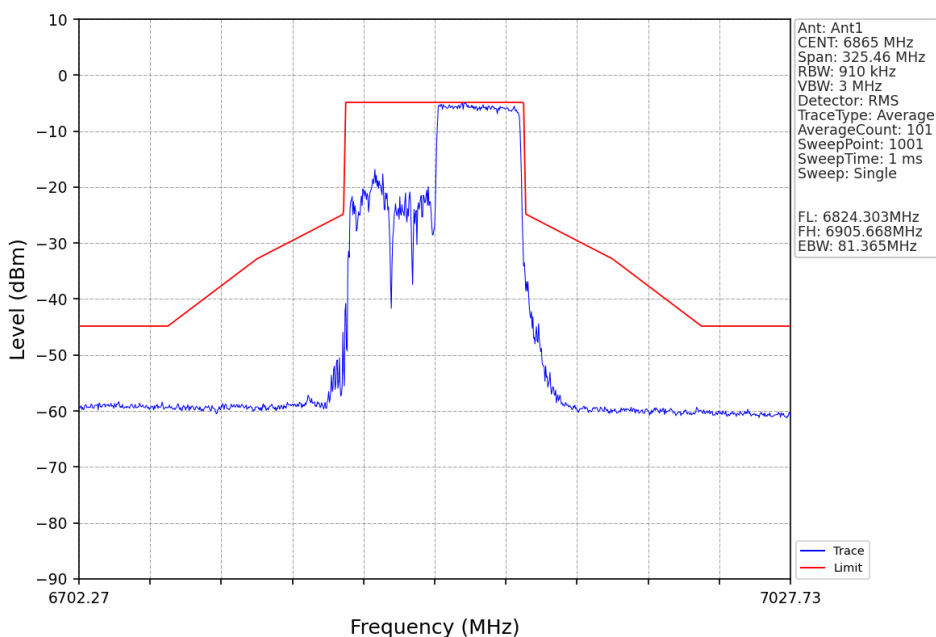
802.11ax(HEW40)\_HCH\_6885MHz\_RU242\_Right\_Ant1\_NTNV



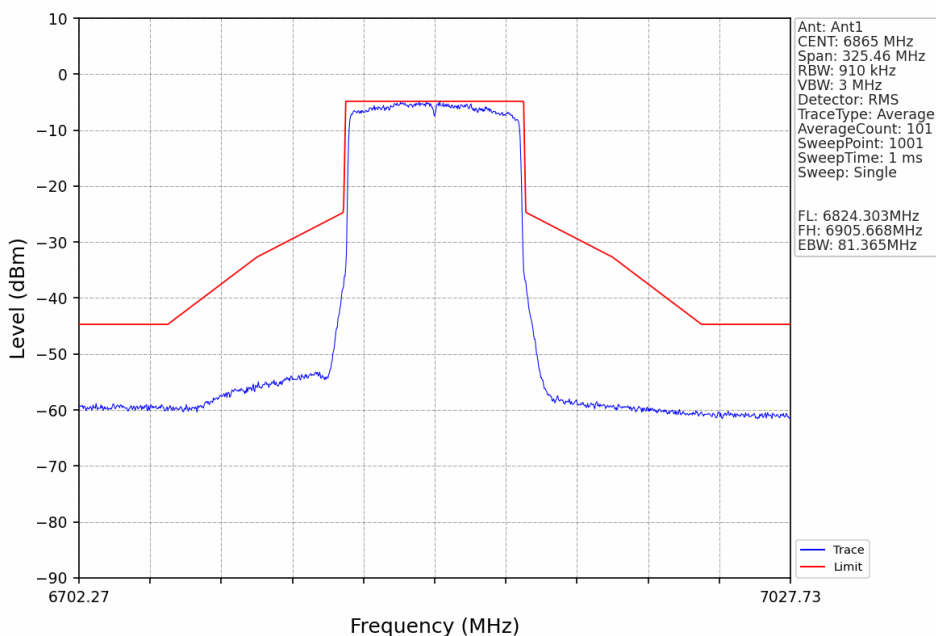
### 802.11ax(HEW40)\_HCH\_6885MHz\_SU\_Ant1\_NTNV



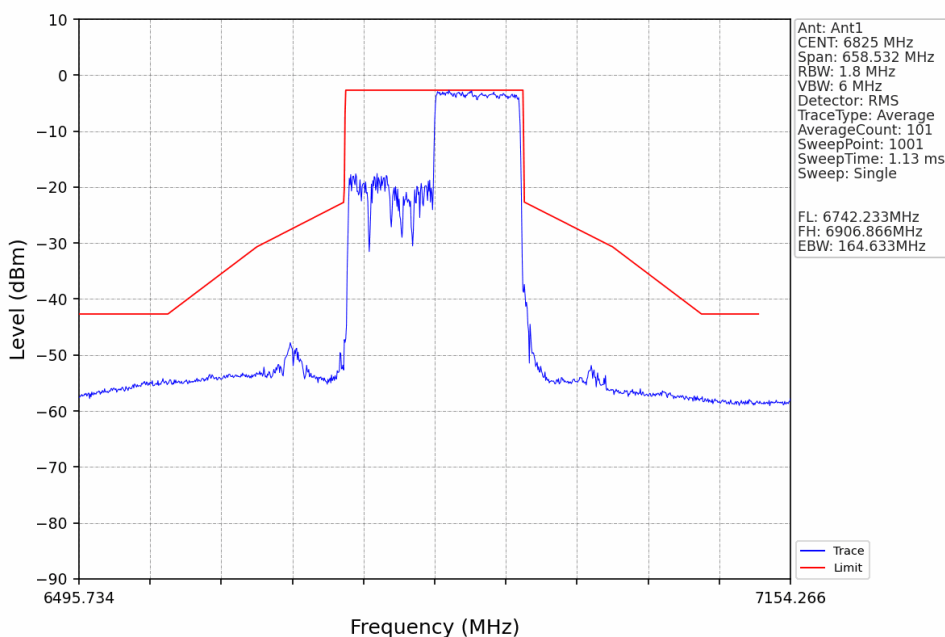
### 802.11ax(HEW80)\_HCH\_6865MHz\_RU484\_Right\_Ant1\_NTNV



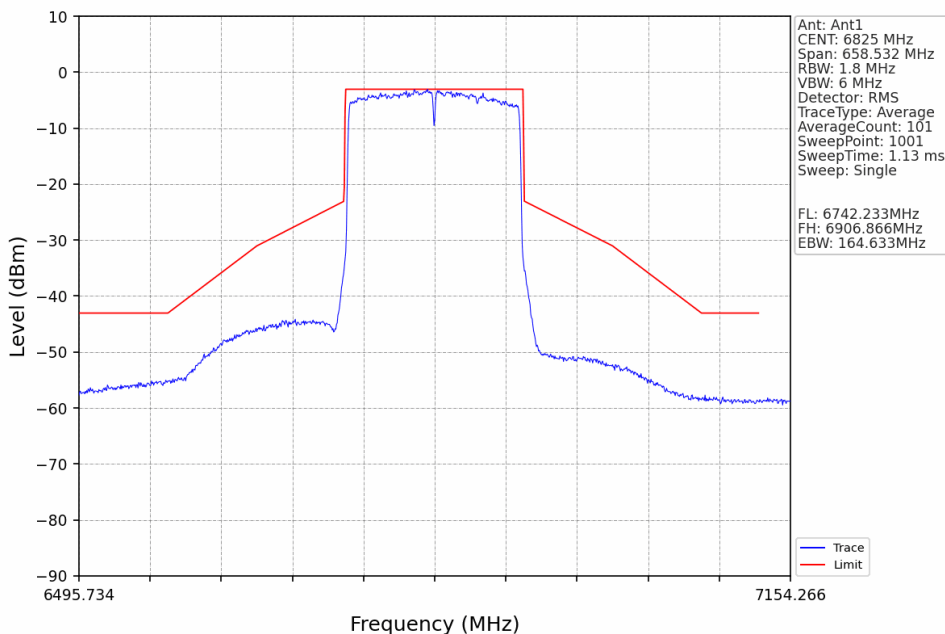
802.11ax(HEW80)\_HCH\_6865MHz\_SU\_Ant1\_NTNV



802.11ax(HEW160)\_HCH\_6825MHz\_RU996\_Right\_Ant1\_NTNV



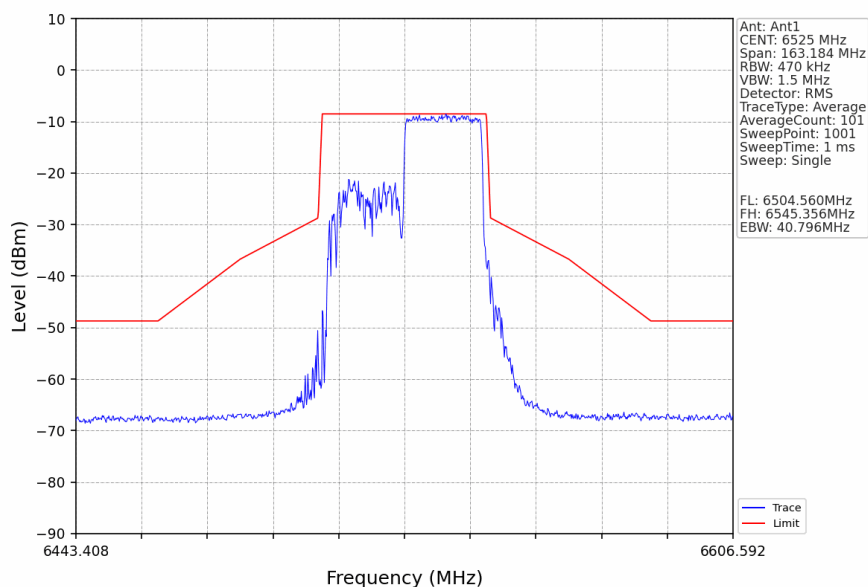
### 802.11ax(HEW160)\_HCH\_6825MHz\_SU\_Ant1\_NTNV



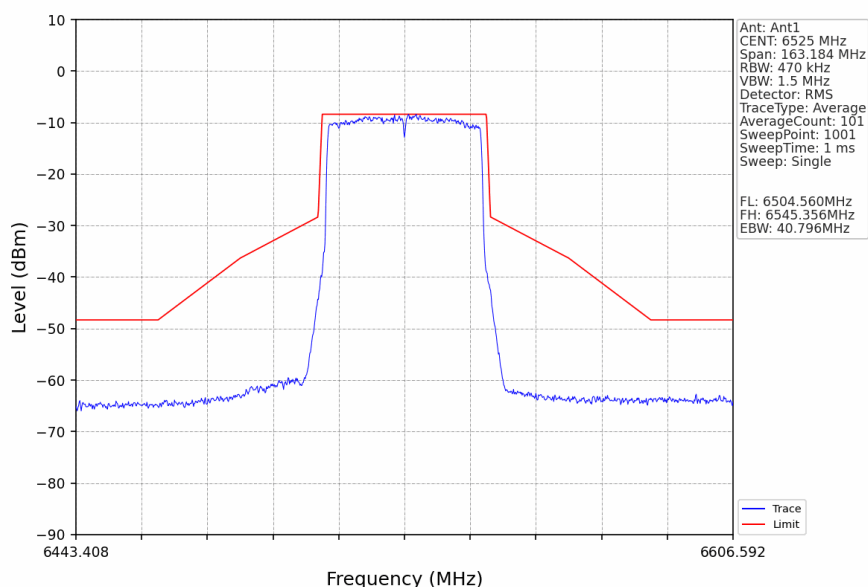


### 6.2.6 EMask

802.11ax(HEW40)\_HCH\_6525MHz\_RU242\_Right\_Ant1\_NTNV



802.11ax(HEW40)\_HCH\_6525MHz\_SU\_Ant1\_NTNV



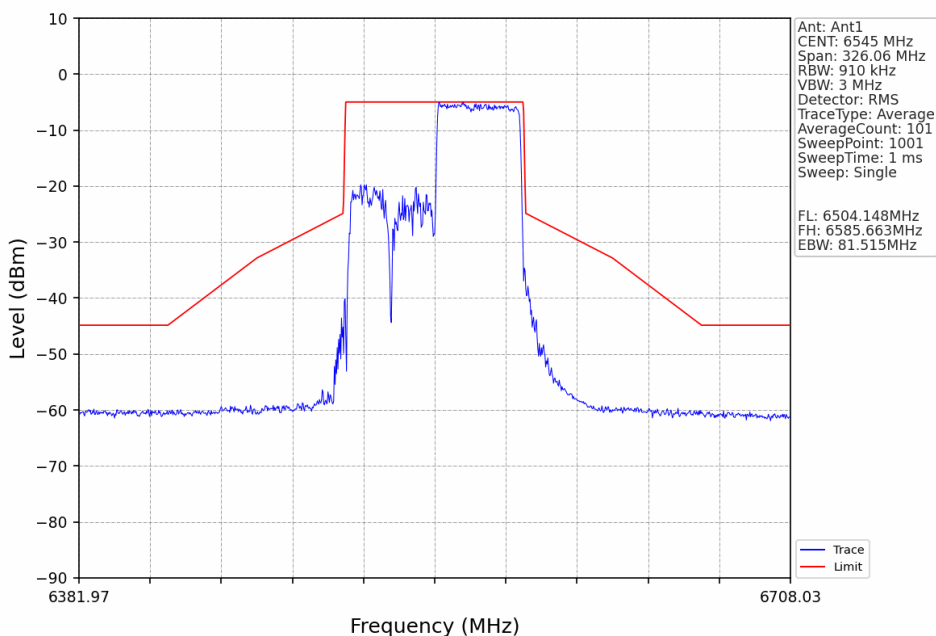
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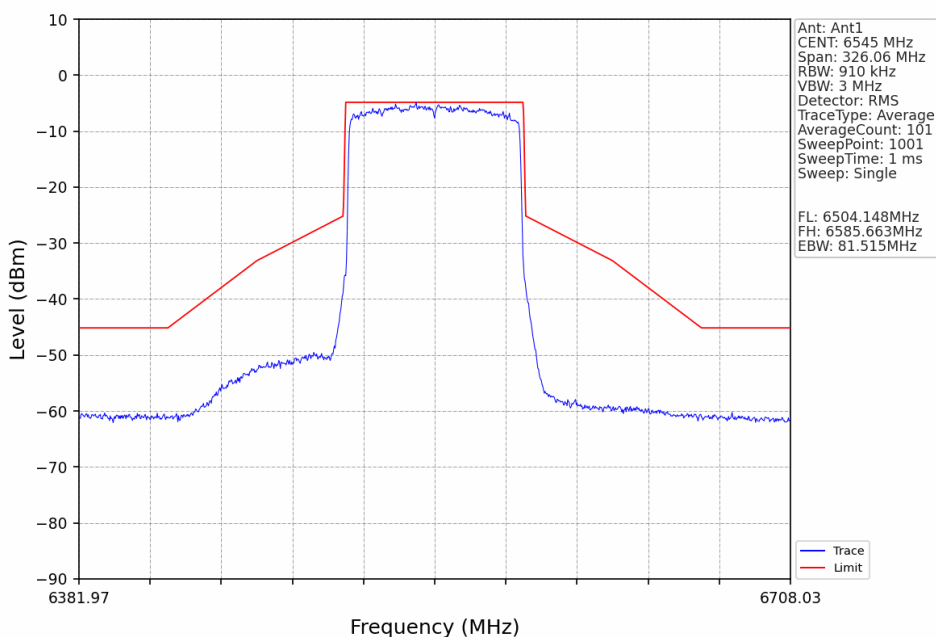
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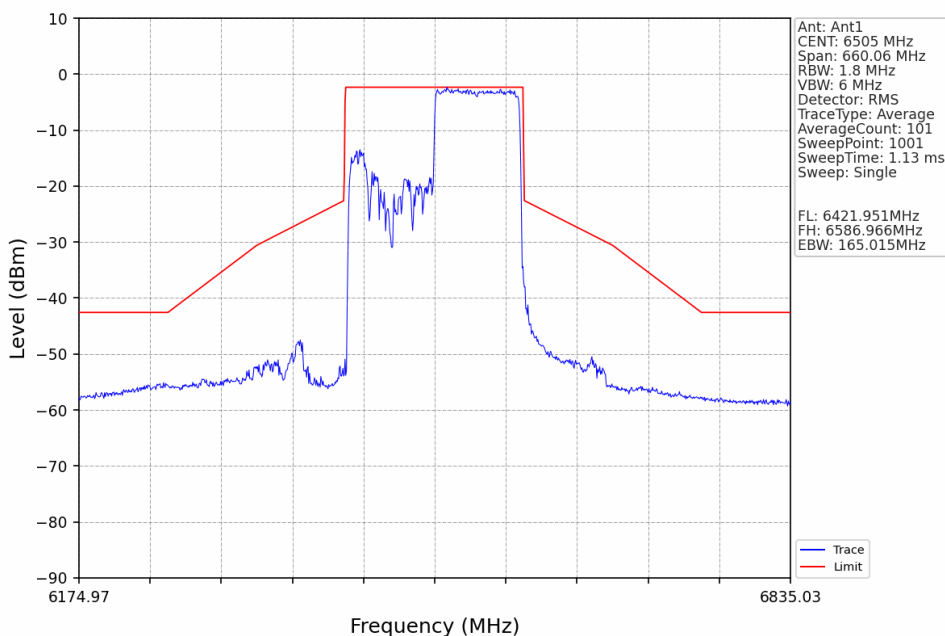
802.11ax(HEW80)\_HCH\_6545MHz\_RU484\_Right\_Ant1\_NTNV



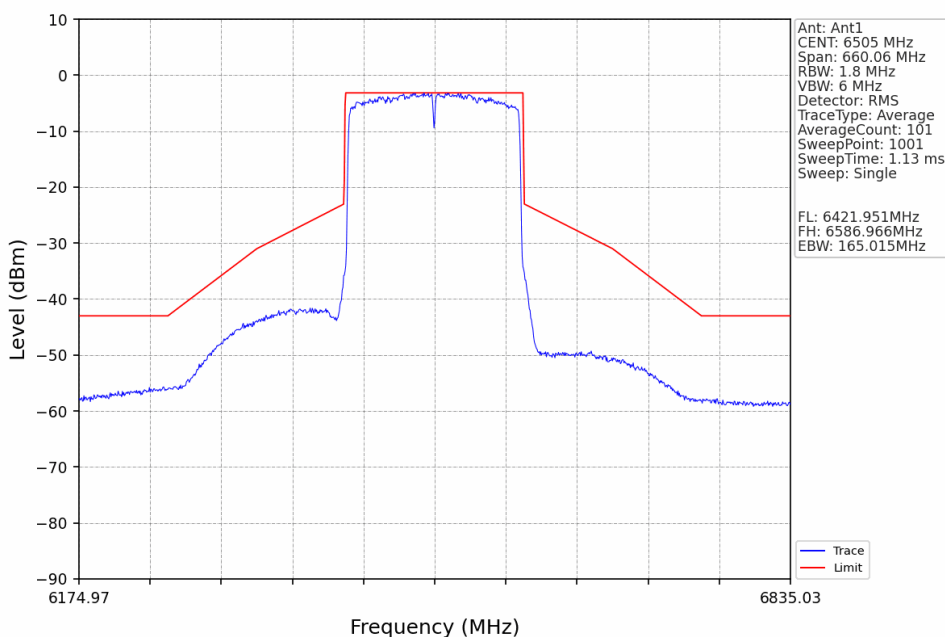
802.11ax(HEW80)\_HCH\_6545MHz\_SU\_Ant1\_NTNV



### 802.11ax(HEW160)\_HCH\_6505MHz\_RU996\_Right\_Ant1\_NTNV



### 802.11ax(HEW160)\_HCH\_6505MHz\_SU\_Ant1\_NTNV



## 7. Contention Based Protocol

*Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)*

### 7.1 Test Result

#### 7.1.1 DC\_Ant1\_NTNV

Ant1_NTNV			
Mode	TX Type	Freq. (MHz)	Duty Cycle (%)
802.11ax (HEW20)	MIMO	6115	19.64
802.11ax (HEW160)	MIMO	6185	13.06

#### 7.1.2 CBP\_Ant1\_NTNV

Ant1_NTNV						
Mode	TX Type	Freq. (MHz)	Incumbent Frequency (MHz)	Detected Level (dBm)		Verdict
				Result	Limit	
802.11ax (HEW20)	MIMO	6115	6115.000	-66.42	<=-62	Pass
802.11ax (HEW160)	MIMO	6185	6110.000	-64.44	<=-62	Pass
			6185.000	-68.21	<=-62	Pass
			6260.000	-65.23	<=-62	Pass

#### 7.1.3 Data\_Ant1\_NTNV

Ant1_NTNV																
Mode	TX Type	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
														Result	Limit	
802.11ax (HEW20)	MIMO	6115	6115.000	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	90	>=90	Pass
802.11ax (HEW160)	MIMO	6185	6110.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
			6185.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
			6260.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass

Note1: CBP Detection Trials (Y=Detection, N=No Detection)

#### 7.1.4 DC\_Ant1\_NTNV

Ant1_NTNV
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Mode	TX Type	Freq. (MHz)	Duty Cycle (%)
802.11ax (HEW20)	MIMO	6435	14.90

## 7.1.5 CBP\_Ant1\_NTNV

Ant1_NTNV						
Mode	TX Type	Freq. (MHz)	Incumbent Frequency (MHz)	Detected Level (dBm)		Verdict
				Result	Limit	
802.11ax (HEW20)	MIMO	6435	6435.000	-62.70	<=-62	Pass

## 7.1.6 Data\_Ant1\_NTNV

Ant1_NTNV																
Mode	TX Type	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
														Result	Limit	
802.11ax (HEW20)	MIMO	6435	6435.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass

Note1: CBP Detection Trials (Y=Detection, N=No Detection)

## 7.1.7 DC\_Ant1\_NTNV

Ant1_NTNV			
Mode	TX Type	Freq. (MHz)	Duty Cycle (%)
802.11ax (HEW20)	MIMO	6535	15.38

## 7.1.8 CBP\_Ant1\_NTNV

Ant1_NTNV						
Mode	TX Type	Freq. (MHz)	Incumbent Frequency (MHz)	Detected Level (dBm)		Verdict
				Result	Limit	
802.11ax (HEW20)	MIMO	6535	6535.000	-69.71	<=-62	Pass

## 7.1.9 Data\_Ant1\_NTNV

Ant1_NTNV																
Mode	TX Type	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
														Result	Limit	
802.11ax (HEW20)	MIMO	6535	6535.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass



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Note1: CBP Detection Trials (Y=Detection, N=No Detection)

## 7.1.10 DC\_Ant1\_NTNV

Ant1_NTNV			
Mode	TX Type	Freq. (MHz)	Duty Cycle (%)
802.11ax (HEW20)	MIMO	6895	13.65

## 7.1.11 CBP\_Ant1\_NTNV

Ant1_NTNV						
Mode	TX Type	Freq. (MHz)	Incumbent Frequency (MHz)	Detected Level (dBm)		Verdict
				Result	Limit	
802.11ax (HEW20)	MIMO	6895	6895.000	-66.24	<=-62	Pass

## 7.1.12 Data\_Ant1\_NTNV

Ant1_NTNV																
Mode	TX Type	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
														Result	Limit	
802.11ax (HEW20)	MIMO	6895	6895.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass

Note1: CBP Detection Trials (Y=Detection, N=No Detection)



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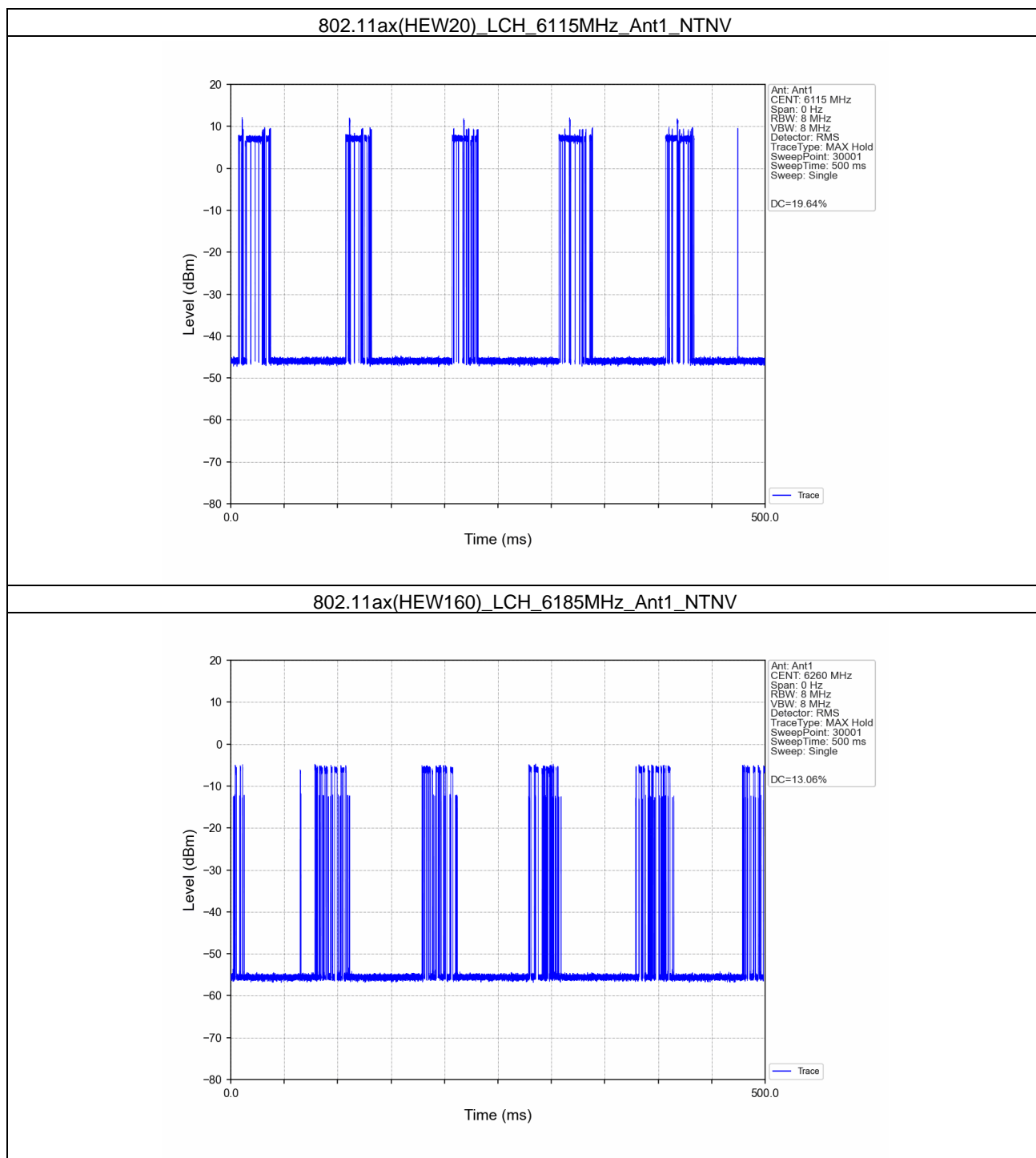
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### 7.2 Test Graph

#### 7.2.1 DC\_Ant1\_NTNV



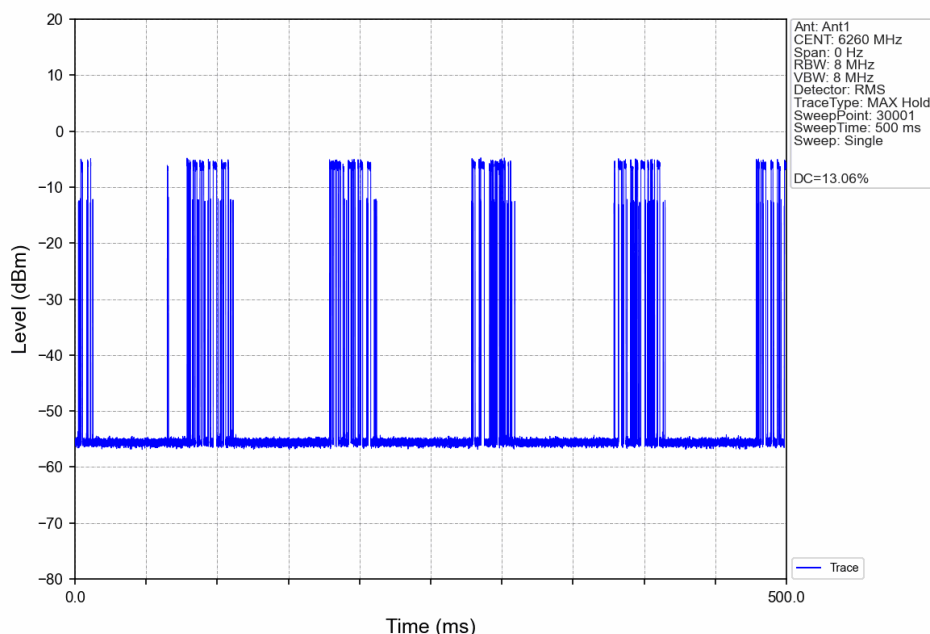
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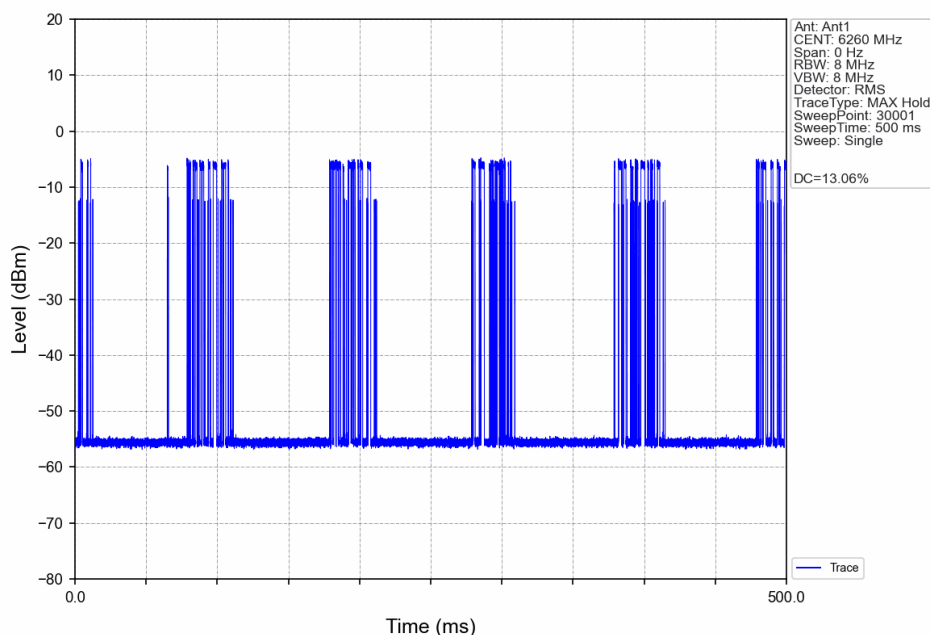
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802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV

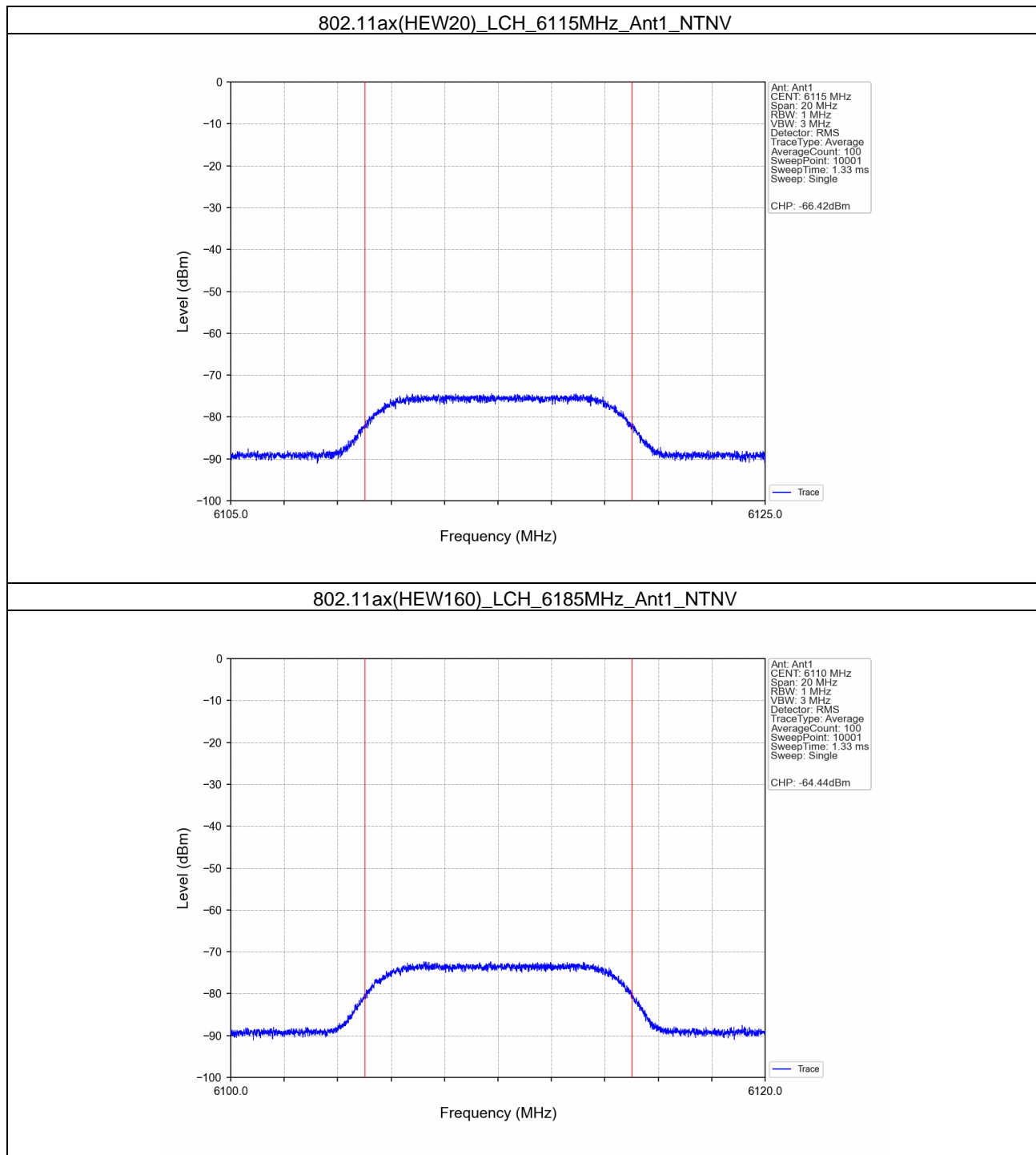


802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV

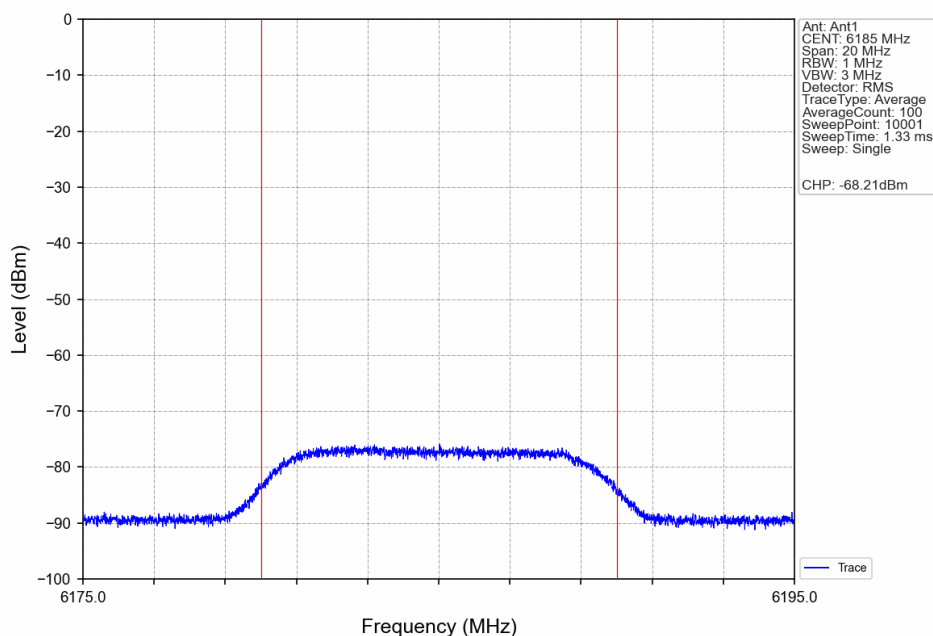




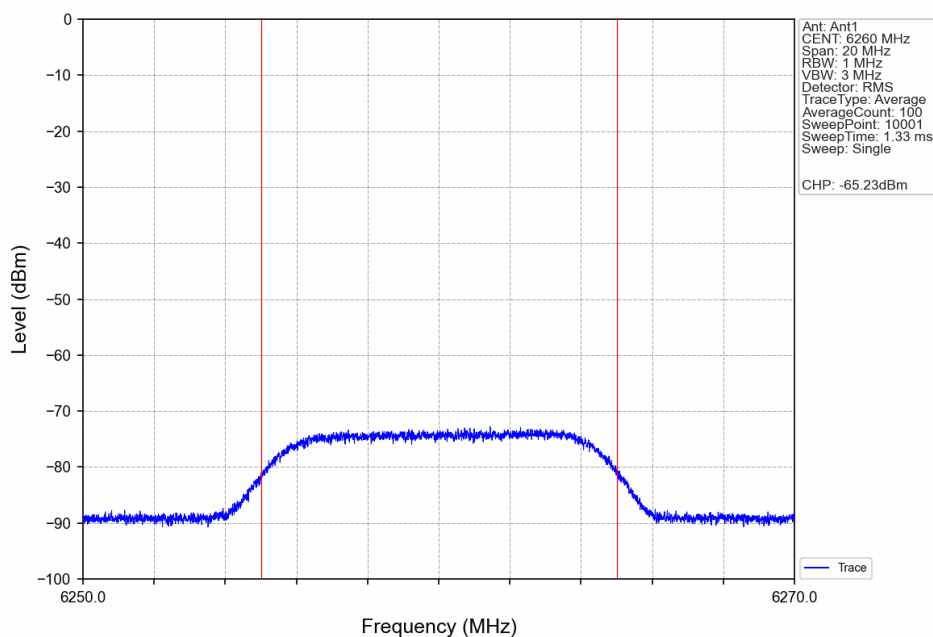
### 7.2.2 CBP\_Ant1\_NTNV



802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV

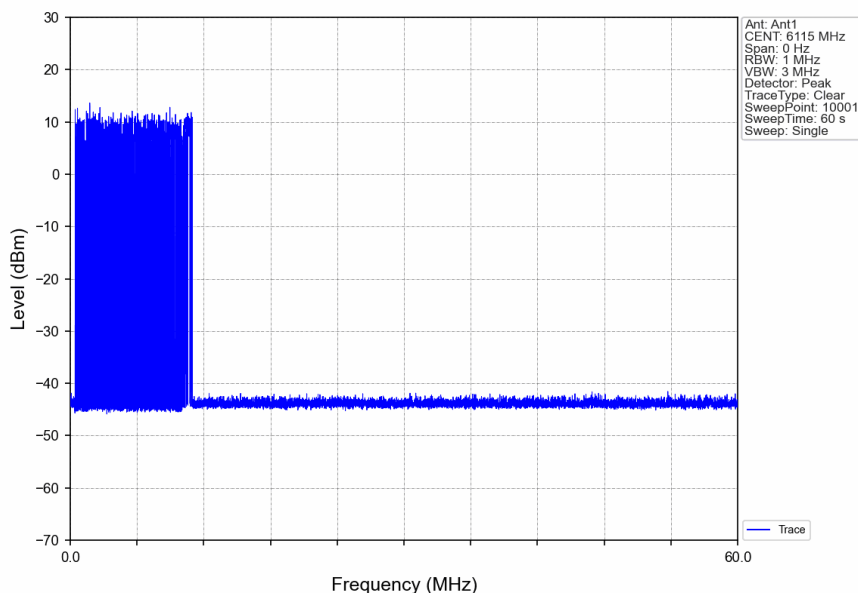


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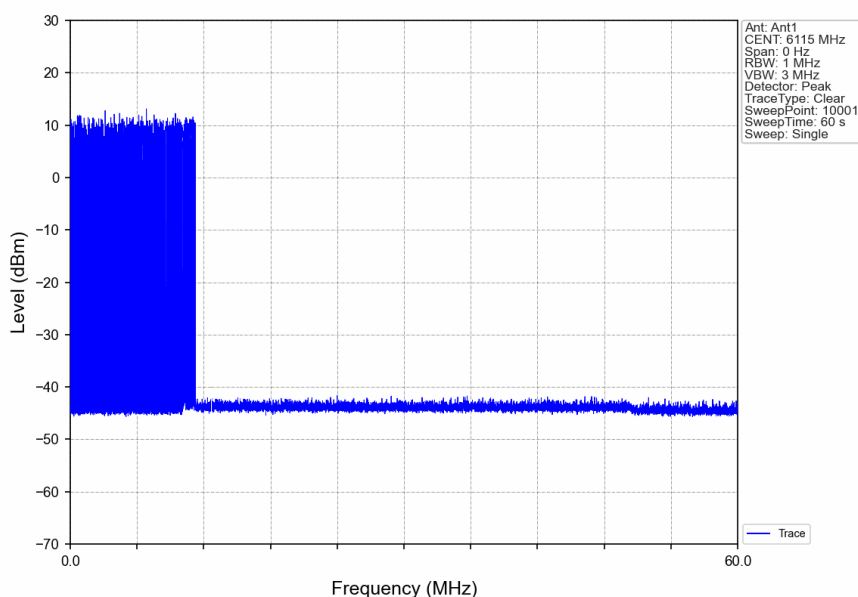


### 7.2.3 Data\_Ant1\_NTNV

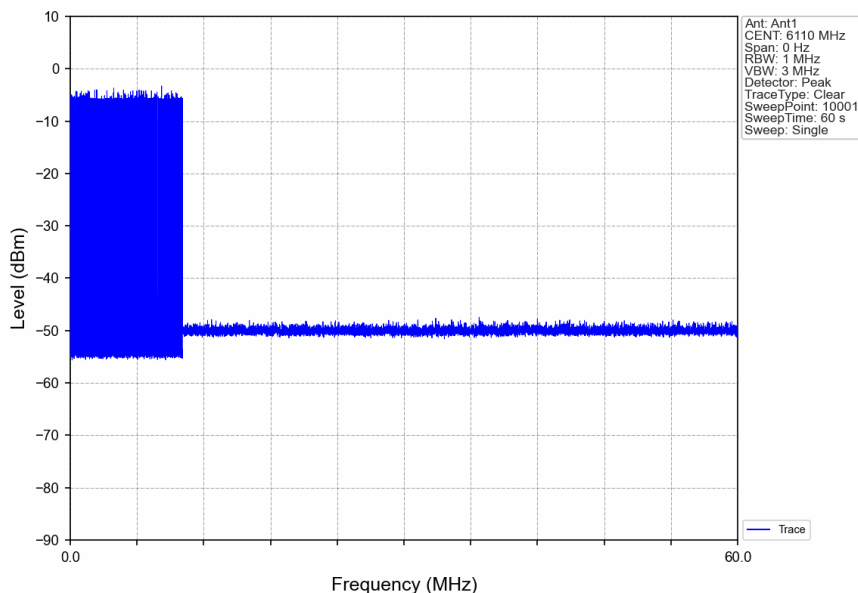
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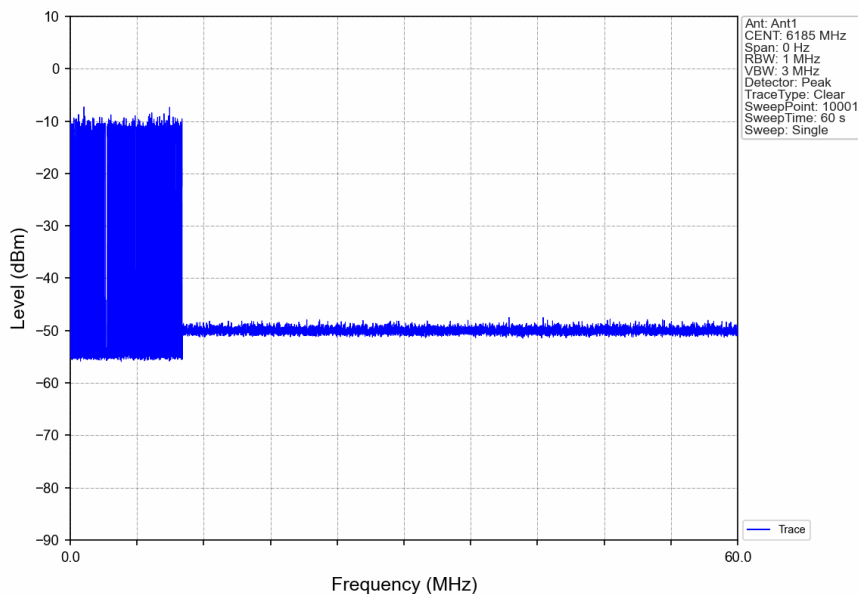
802.11ax(HEW20)\_LCH\_6115MHz\_Ant1\_NTNV - Inject Incumbent signal at 10th seconds and remove the signal at 50 seconds



802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV\_- Inject Incumbent signal at 10th seconds and keep the signal continuously injected



802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV\_- Inject Incumbent signal at 10th seconds and keep the signal continuously injected



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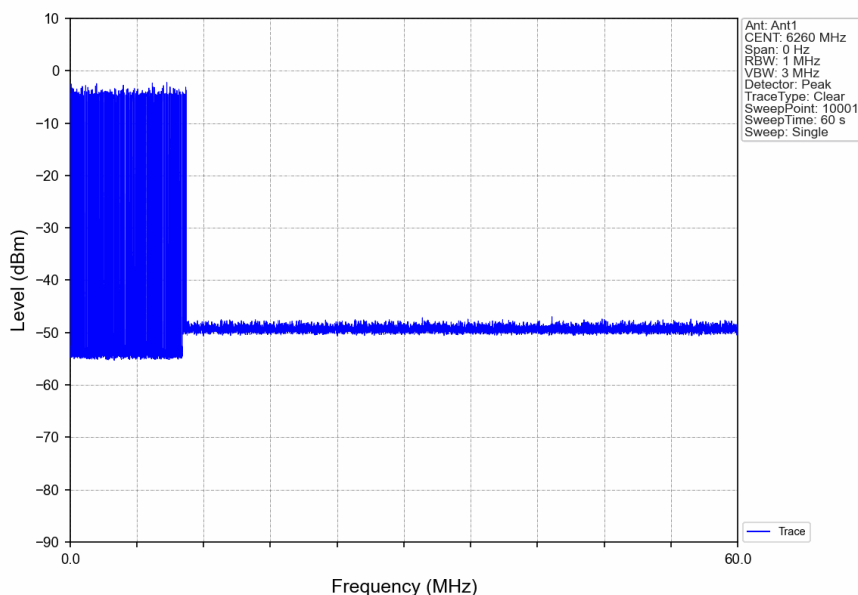
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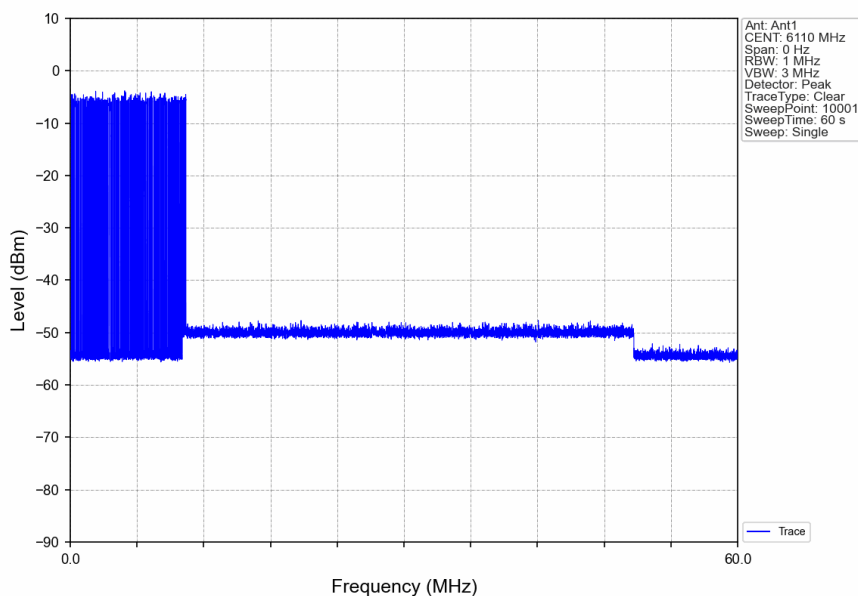
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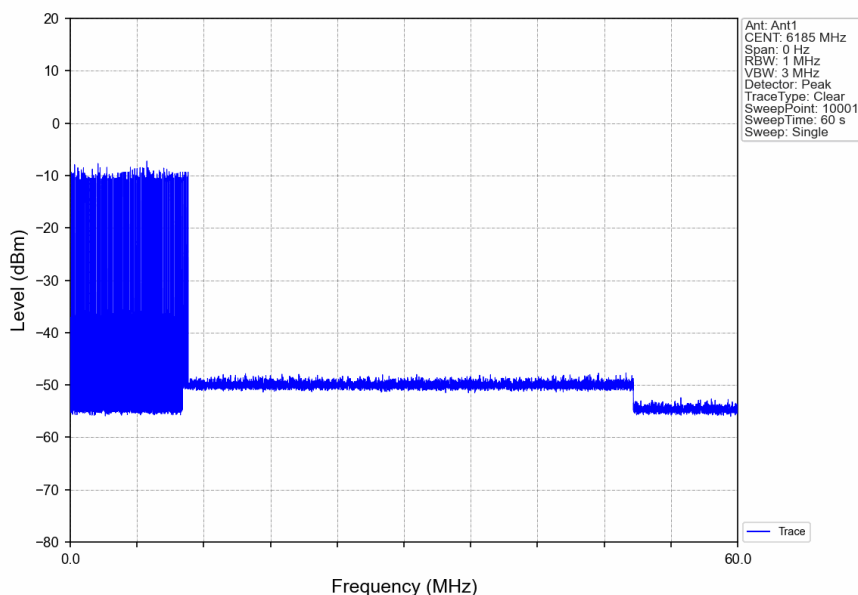
802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV\_- Inject Incumbent signal at 10th seconds and keep the signal continuously injected



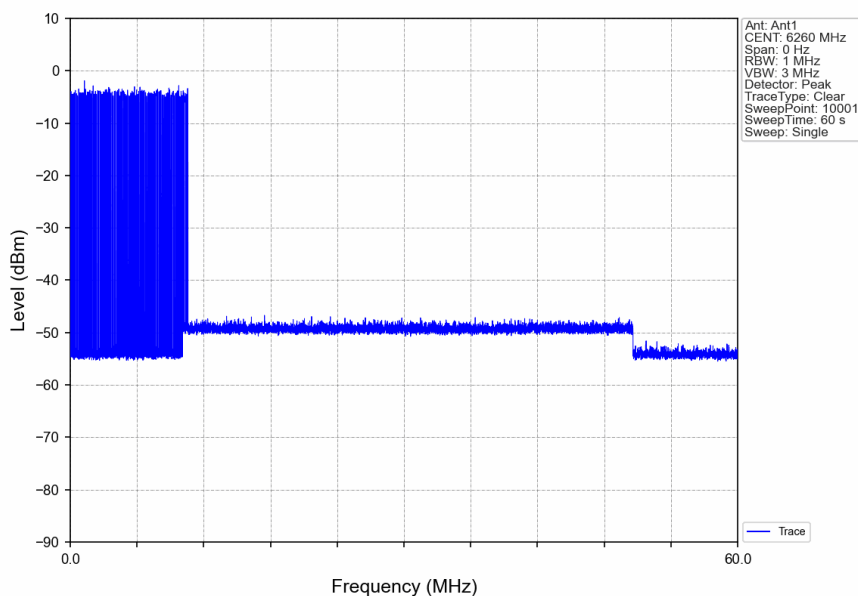
802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV\_- Inject Incumbent signal at 10th seconds and remove the signal at 50 seconds



802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV\_- Inject Incumbent signal at 10th seconds and remove the signal at 50 seconds



802.11ax(HEW160)\_LCH\_6185MHz\_Ant1\_NTNV\_- Inject Incumbent signal at 10th seconds and remove the signal at 50 seconds



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