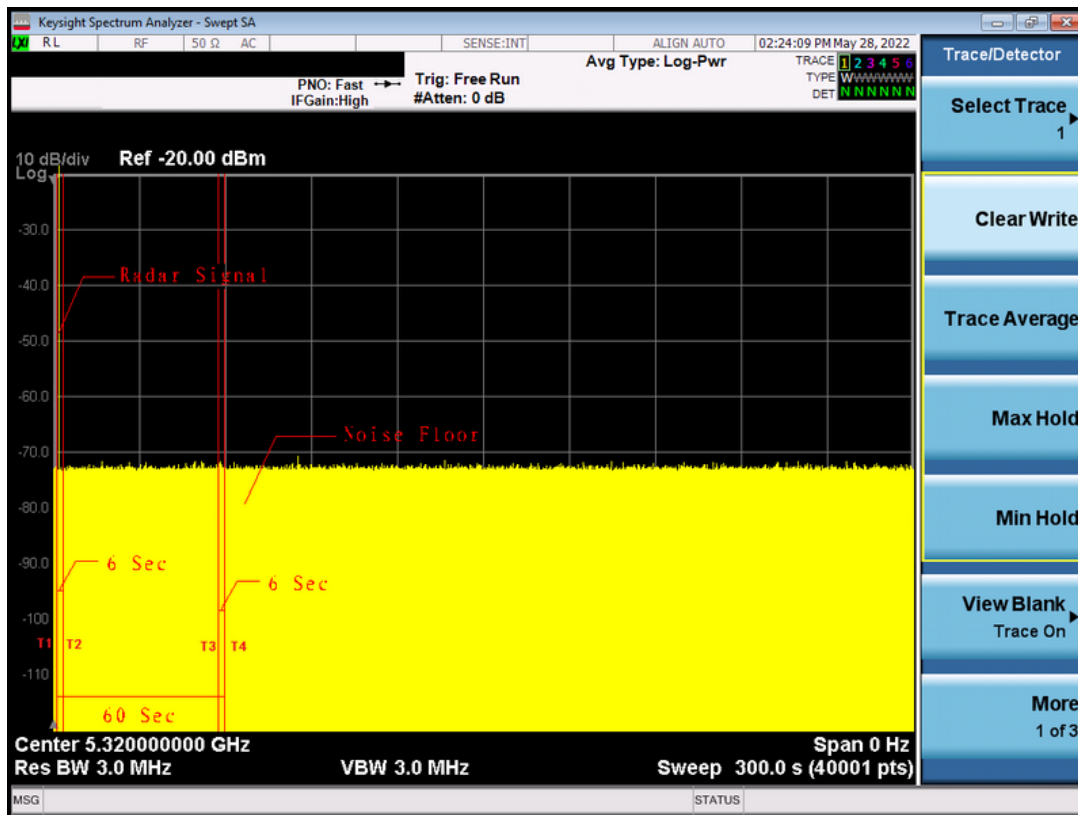


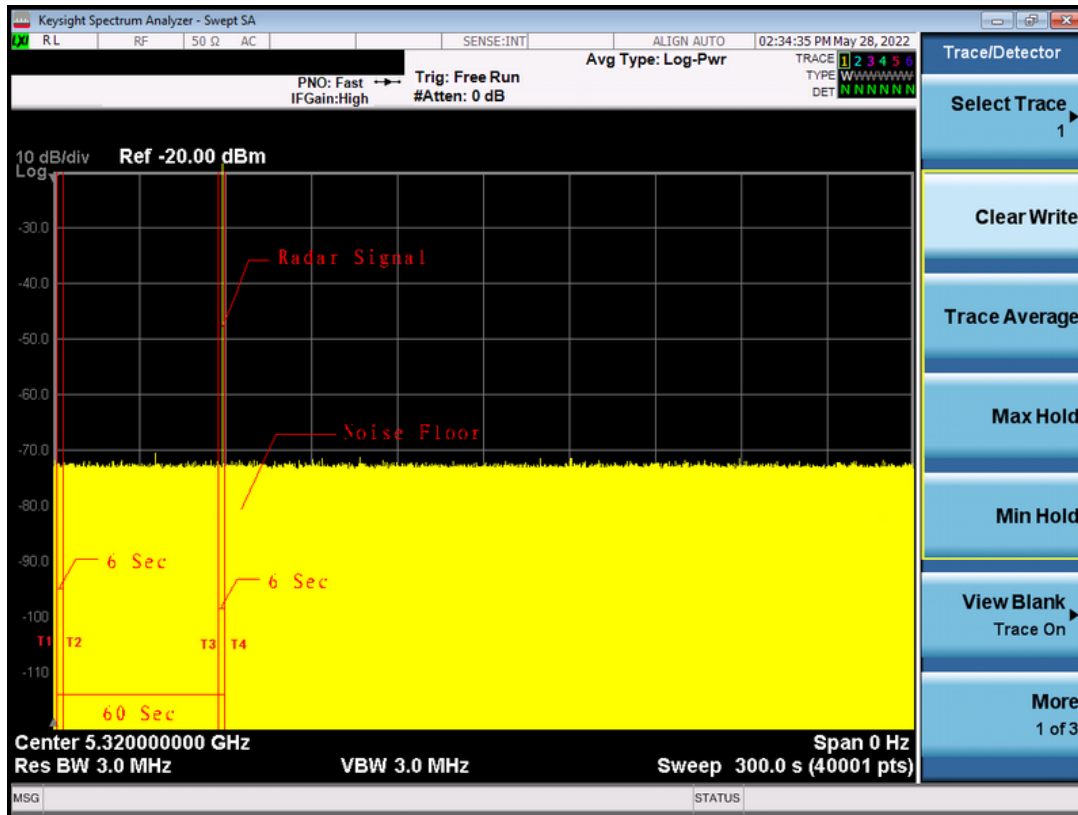
## IEEE 802.11ax(HE20) Mode Radar Burst at the Beginning of the Channel Availability Check Time



**Note:** T1 denotes the end of power up time period is 0 second.  
T2 denotes 6 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.  
T4 denotes the 60 second.

## IEEE 802.11ax(HE20) Mode

Radar Burst at the End of the Channel Availability Check Time



**Note:** T1 denotes the end of power up time period is 0 second.

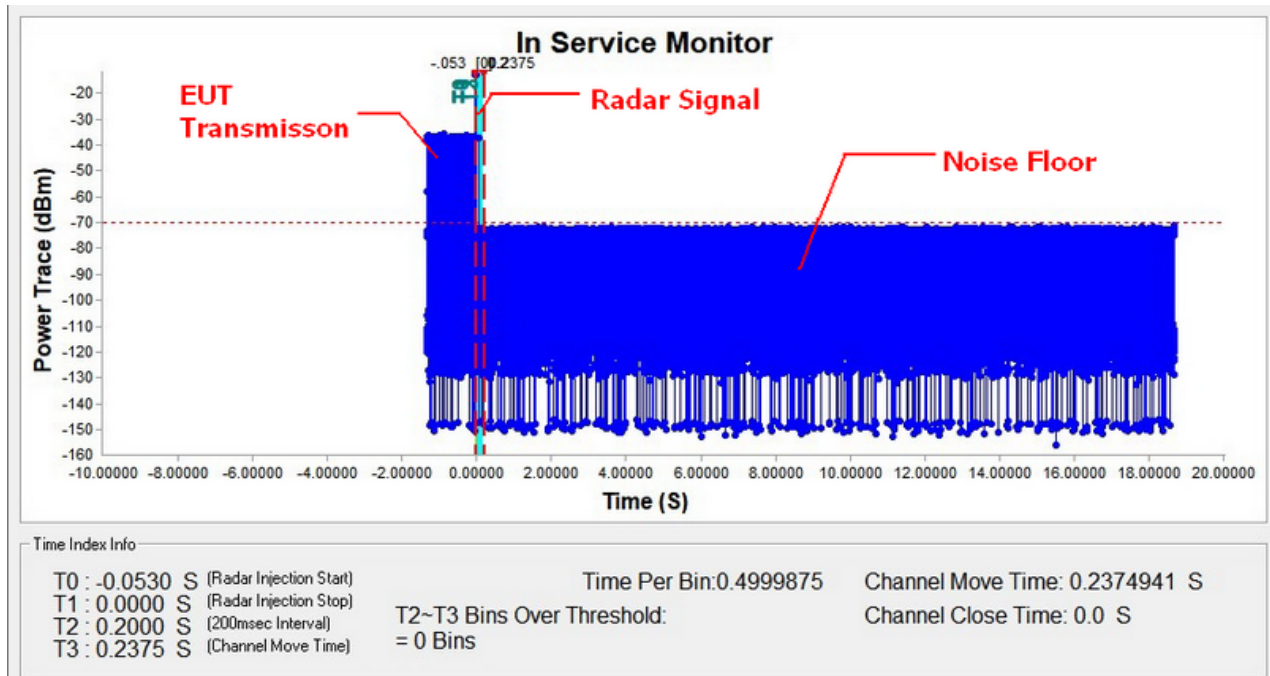
T3 denotes 54 second and radar burst was commenced within 54 second to 60 second indow starting from the end of power-up sequence.

T4 denotes the 60 second.

## 8.5 CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

TX (IEEE 802.11a Mode)

Radar signal 0

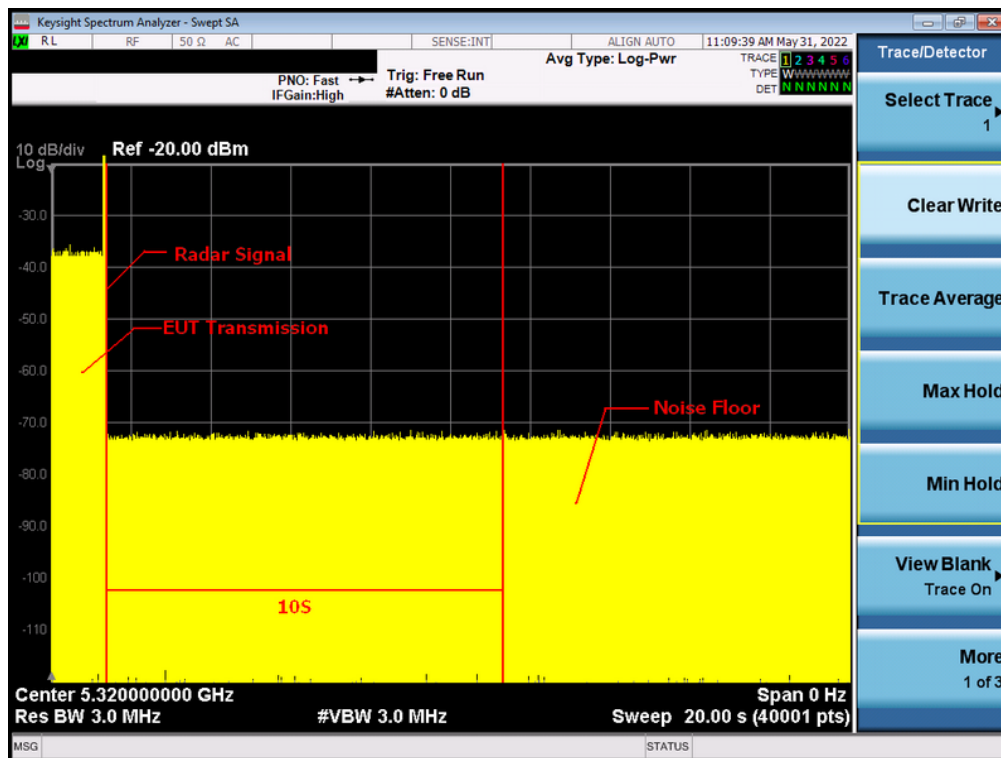


**Note:** T0 denotes the Radar Injection Start.

T1 denotes the start of Channel Move Time upon the end of the last Radar burst.

T2 denotes the data transmission time of 200ms from T1.

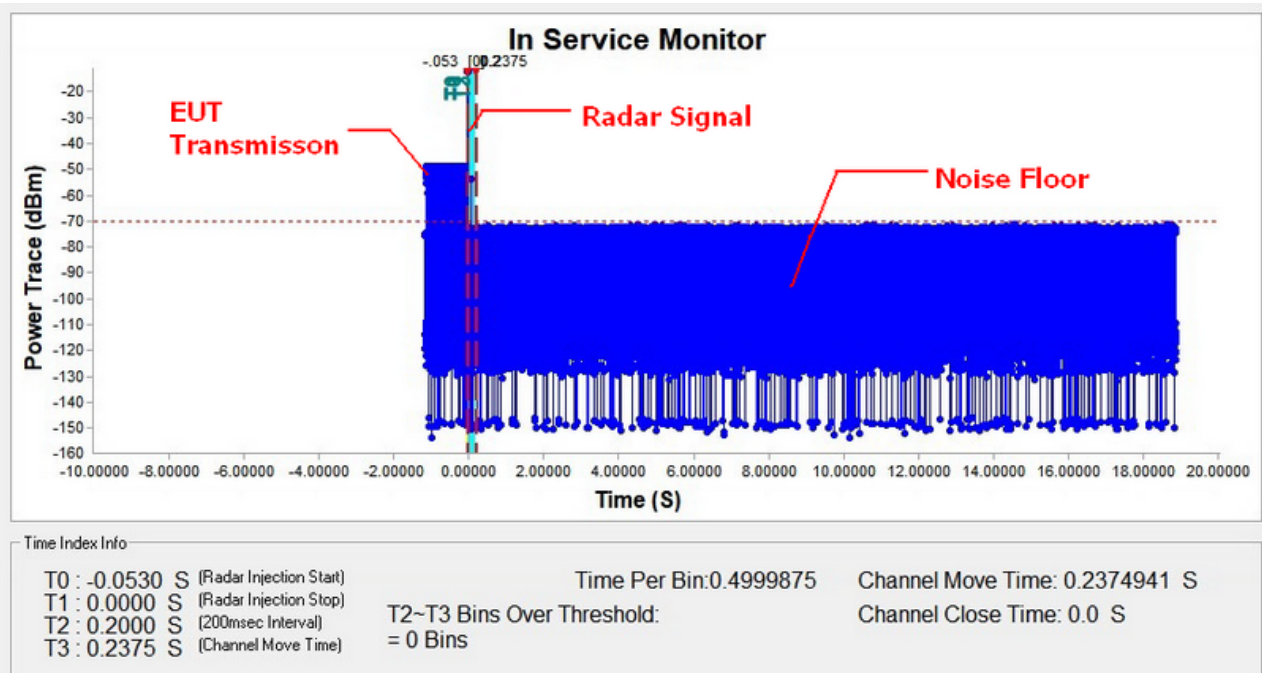
T3 denotes the end of Channel Move Time.



**Note:** An expanded plot for the device vacates the channel in the required 500ms

TX (IEEE 802.11n(HT40) Mode)

Radar signal 0

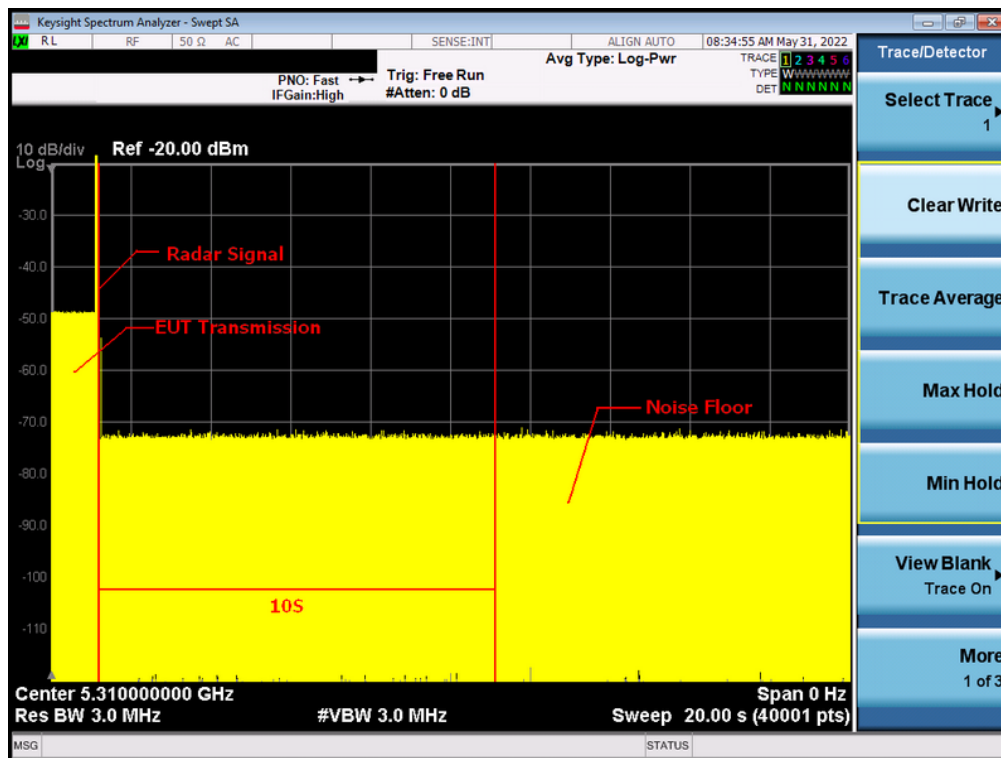


**Note:** T0 denotes the Radar Injection Start.

T1 denotes the start of Channel Move Time upon the end of the last Radar burst.

T2 denotes the data transmission time of 200ms from T1.

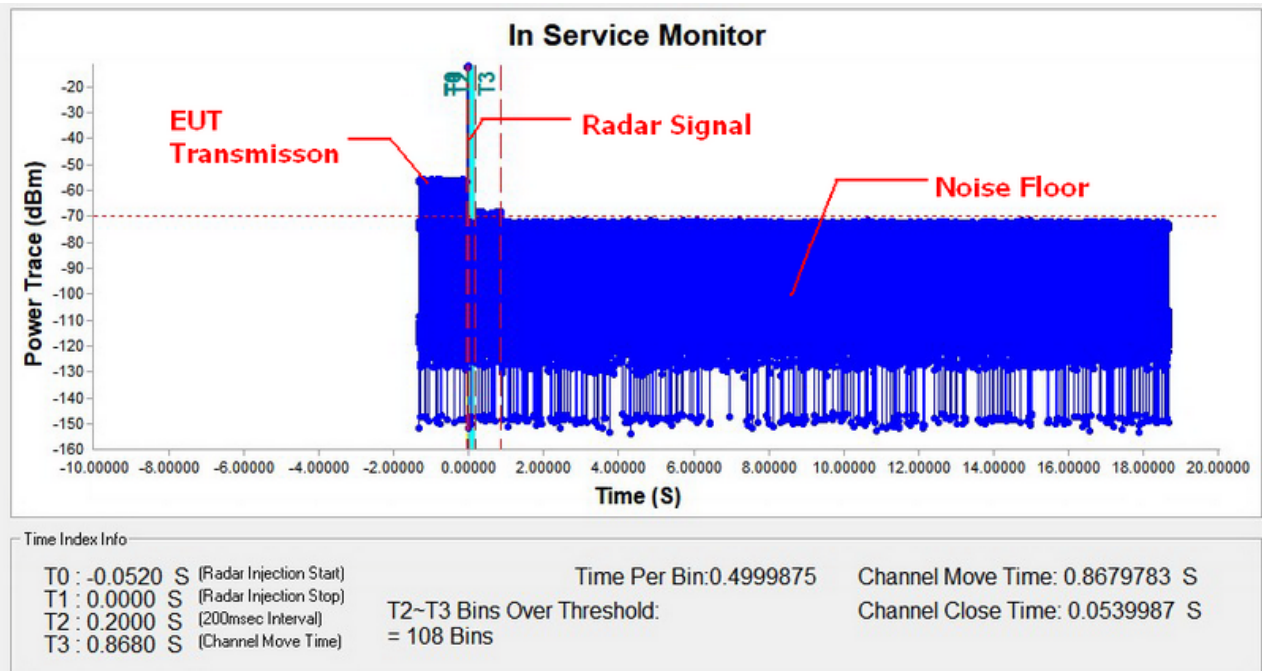
T3 denotes the end of Channel Move Time.



**Note:** An expanded plot for the device vacates the channel in the required 500ms

TX (IEEE 802.11ac(VHT80) Mode)

Radar signal 0

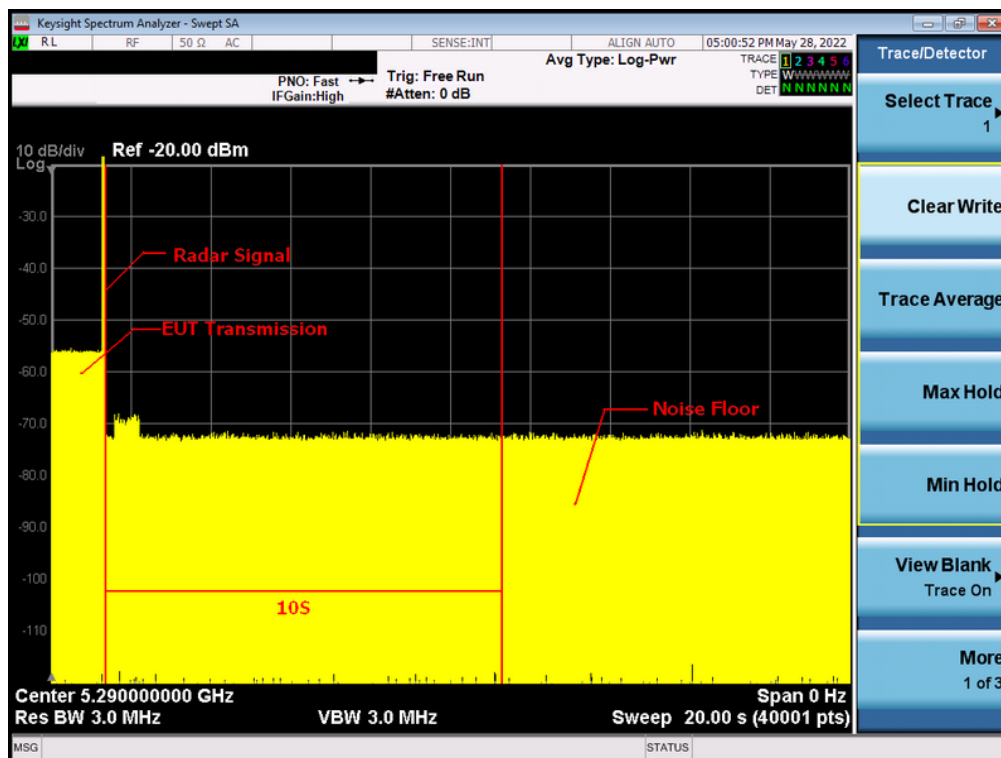


**Note:** T0 denotes the Radar Injection Start.

T1 denotes the start of Channel Move Time upon the end of the last Radar burst.

T2 denotes the data transmission time of 200ms from T1.

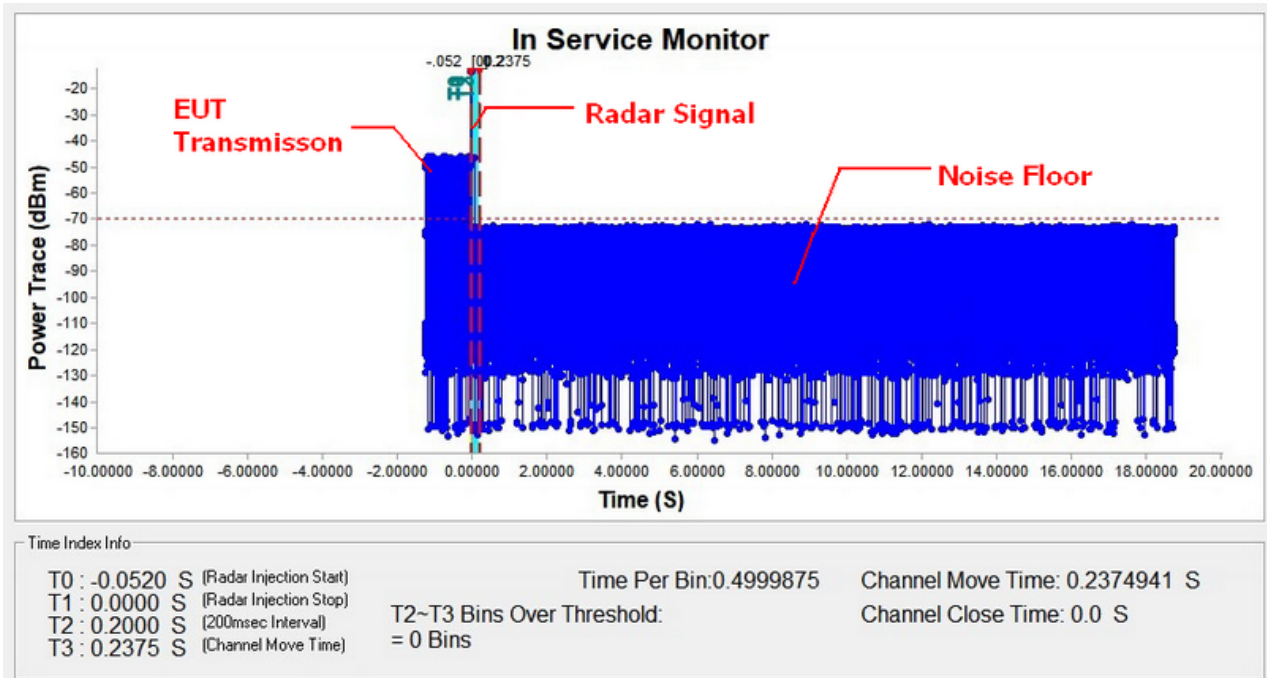
T3 denotes the end of Channel Move Time.



**Note:** An expanded plot for the device vacates the channel in the required 500ms

TX (IEEE 802.11ax(HE20) Mode)

Radar signal 0

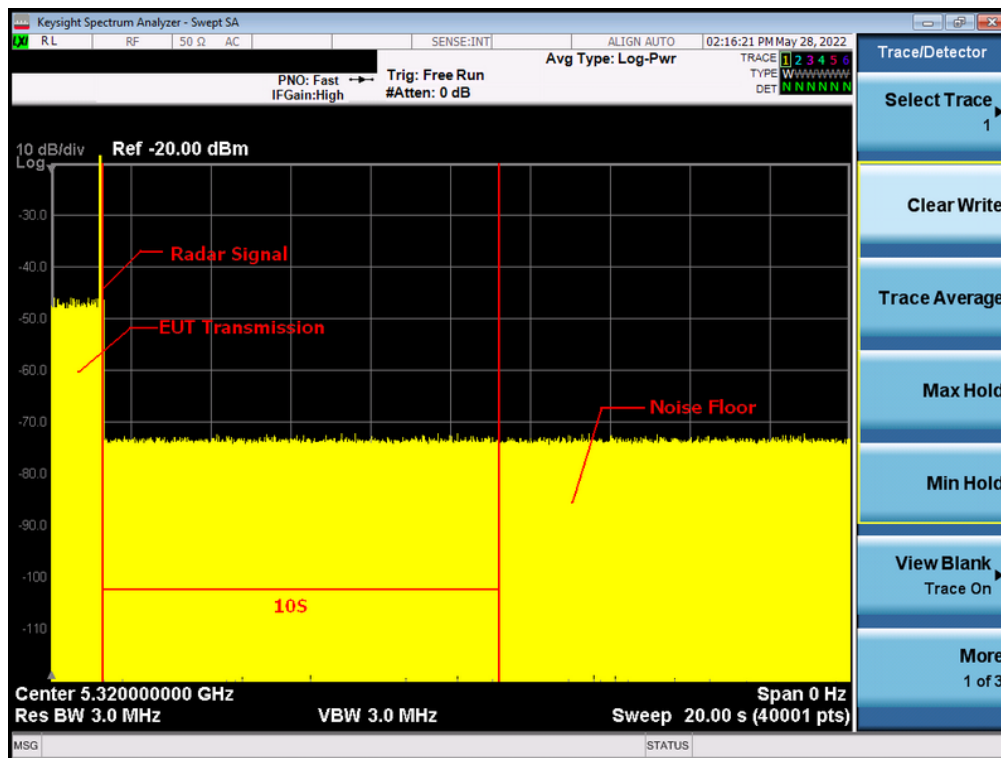


**Note:** T0 denotes the Radar Injection Start.

T1 denotes the start of Channel Move Time upon the end of the last Radar burst.

T2 denotes the data transmission move time of 200ms from T1.

T3 denotes the end of Channel Move Time.



**Note:** An expanded plot for the device vacates the channel in the required 500ms

| IEEE 802.11a Mode  |                   |                                                                                     |
|--------------------|-------------------|-------------------------------------------------------------------------------------|
| Item               | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time  | 0.2374941         | 10                                                                                  |
| Channel Close Time | 0.0               | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

| IEEE 802.11n(HT40) Mode |                   |                                                                                     |
|-------------------------|-------------------|-------------------------------------------------------------------------------------|
| Item                    | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time       | 0.2374941         | 10                                                                                  |
| Channel Close Time      | 0.0               | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

| IEEE 802.11ac(VHT80) Mode |                   |                                                                                     |
|---------------------------|-------------------|-------------------------------------------------------------------------------------|
| Item                      | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time         | 0.8679783         | 10                                                                                  |
| Channel Close Time        | 0.0539987         | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

| IEEE 802.11ax(HE20) Mode |                   |                                                                                     |
|--------------------------|-------------------|-------------------------------------------------------------------------------------|
| Item                     | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time        | 0.2374941         | 10                                                                                  |
| Channel Close Time       | 0.0               | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

## 8.6 STATISTICAL PERFORMANCE CHECK

TX (IEEE 802.11a Mode)

Table 1: Short Pulse Radar Test Waveforms.

| Radar Type                  | Pulse Width (μsec) | PRI (μsec)                                                                                                                                                                                                                                                 | Number of Pulses                                                                                                                     | Pass times | Fail times | Percentage of Successful Detection (%) |
|-----------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------------------------------|
| 1                           | 1                  | Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a<br>Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 27         | 3          | 90%                                    |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                    | 23-29                                                                                                                                | 27         | 3          | 90%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                    | 16-18                                                                                                                                | 26         | 4          | 87%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                                | 25         | 5          | 83%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                            |                                                                                                                                      | 105        | 15         | 88%                                    |

Table 2: Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses Per Burst | Number of Bursts | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|-------------------|------------|----------------------------|------------------|------------|------------|----------------------------------------|
| 5          | 50-100             | 5-20              | 1000-2000  | 1-3                        | 8-20             | 25         | 5          | 83%                                    |

Table 3: Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|------------|------------|----------------------------------------|
| 6          | 1                  | 333        | 9              | 0.333              | 300                            | 26         | 4          | 87%                                    |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type1      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | NO        | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | NO        | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | NO        |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type2      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | NO        |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | NO        | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | NO        | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | NO        |
|            | 2       | NO        | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | NO        | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | NO        |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type4      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | NO        | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | NO        |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | NO        | 27      | NO        |
|            | 13      | NO        | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type5      | 1       | YES       | 16      | NO        |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | NO        |
|            | 9       | YES       | 24      | YES       |
|            | 10      | NO        | 25      | YES       |
|            | 11      | NO        | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | NO        |
|            | 15      | YES       | 30      | YES       |
| Type6      | 1       | NO        | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | NO        |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | NO        | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | NO        |
|            | 15      | YES       | 30      | YES       |

TX (IEEE 802.11n(HT40) Mode)

Table 1: Short Pulse Radar Test Waveforms.

| Radar Type                  | Pulse Width (μsec) | PRI (μsec)                                                                                                                                                                                                                                                 | Number of Pulses                                                                                                                     | Pass times | Fail times | Percentage of Successful Detection (%) |
|-----------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------------------------------|
| 1                           | 1                  | Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a<br>Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 28         | 2          | 93%                                    |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                    | 23-29                                                                                                                                | 27         | 3          | 90%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                    | 16-18                                                                                                                                | 28         | 2          | 93%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                                | 25         | 5          | 83%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                            |                                                                                                                                      | 108        | 12         | 90%                                    |

Table 2: Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses Per Burst | Number of Bursts | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|-------------------|------------|----------------------------|------------------|------------|------------|----------------------------------------|
| 5          | 50-100             | 5-20              | 1000-2000  | 1-3                        | 8-20             | 26         | 4          | 87%                                    |

Table 3: Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|------------|------------|----------------------------------------|
| 6          | 1                  | 333        | 9              | 0.333              | 300                            | 27         | 3          | 90%                                    |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type1      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | NO        | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | NO        | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type2      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | NO        | 19      | YES       |
|            | 5       | YES       | 20      | NO        |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | NO        | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | NO        |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | NO        | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type4      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | NO        | 19      | YES       |
|            | 5       | NO        | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | NO        |
|            | 9       | YES       | 24      | NO        |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | NO        | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type5      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | NO        |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | NO        | 26      | NO        |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | NO        |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type6      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | NO        |
|            | 4       | YES       | 19      | NO        |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | NO        | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

TX (IEEE 802.11ac(VHT80) Mode)

Table 1: Short Pulse Radar Test Waveforms.

| Radar Type                  | Pulse Width (μsec) | PRI (μsec)                                                                                                                                                                                                                                                 | Number of Pulses                                                                                                                     | Pass times | Fail times | Percentage of Successful Detection (%) |
|-----------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------------------------------|
| 1                           | 1                  | Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a<br>Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 27         | 3          | 90%                                    |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                    | 23-29                                                                                                                                | 26         | 4          | 87%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                    | 16-18                                                                                                                                | 27         | 3          | 90%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                                | 22         | 8          | 73%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                            |                                                                                                                                      | 102        | 18         | 85%                                    |

Table 2: Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses Per Burst | Number of Bursts | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|-------------------|------------|----------------------------|------------------|------------|------------|----------------------------------------|
| 5          | 50-100             | 5-20              | 1000-2000  | 1-3                        | 8-20             | 27         | 3          | 90%                                    |

Table 3: Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|------------|------------|----------------------------------------|
| 6          | 1                  | 333        | 9              | 0.333              | 300                            | 26         | 4          | 87%                                    |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type1      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | NO        |
|            | 10      | YES       | 25      | YES       |
|            | 11      | NO        | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | NO        | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type2      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | NO        |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | NO        | 24      | YES       |
|            | 10      | NO        | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | NO        | 30      | YES       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | NO        | 18      | NO        |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | NO        | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type4      | 1       | NO        | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | NO        |
|            | 4       | YES       | 19      | NO        |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | NO        | 24      | YES       |
|            | 10      | YES       | 25      | NO        |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | NO        |
|            | 14      | NO        | 29      | YES       |
|            | 15      | YES       | 30      | NO        |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type5      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | NO        |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | NO        |
|            | 12      | YES       | 27      | NO        |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type6      | 1       | NO        | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | NO        |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | NO        | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | NO        | 30      | YES       |

TX (IEEE 802.11ax(HE20) Mode)

Table 1: Short Pulse Radar Test Waveforms.

| Radar Type                  | Pulse Width (μsec) | PRI (μsec)                                                                                                                                                                                                                                                 | Number of Pulses                                                                                                                | Pass times | Fail times | Percentage of Successful Detection (%) |
|-----------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------------------------------|
| 1                           | 1                  | Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a<br>Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A | $\text{Roundup} \left\{ \left( \frac{1}{360} \right), \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 28         | 2          | 93%                                    |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                    | 23-29                                                                                                                           | 27         | 3          | 90%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                    | 16-18                                                                                                                           | 27         | 3          | 90%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                           | 25         | 5          | 83%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                            |                                                                                                                                 | 107        | 13         | 89%                                    |

Table 2: Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses Per Burst | Number of Bursts | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|-------------------|------------|----------------------------|------------------|------------|------------|----------------------------------------|
| 5          | 50-100             | 5-20              | 1000-2000  | 1-3                        | 8-20             | 27         | 3          | 90%                                    |

Table 3: Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Pass times | Fail times | Percentage of Successful Detection (%) |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|------------|------------|----------------------------------------|
| 6          | 1                  | 333        | 9              | 0.333              | 300                            | 27         | 3          | 90%                                    |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type1      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | NO        |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | NO        | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type2      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | NO        |
|            | 4       | YES       | 19      | NO        |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | NO        | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

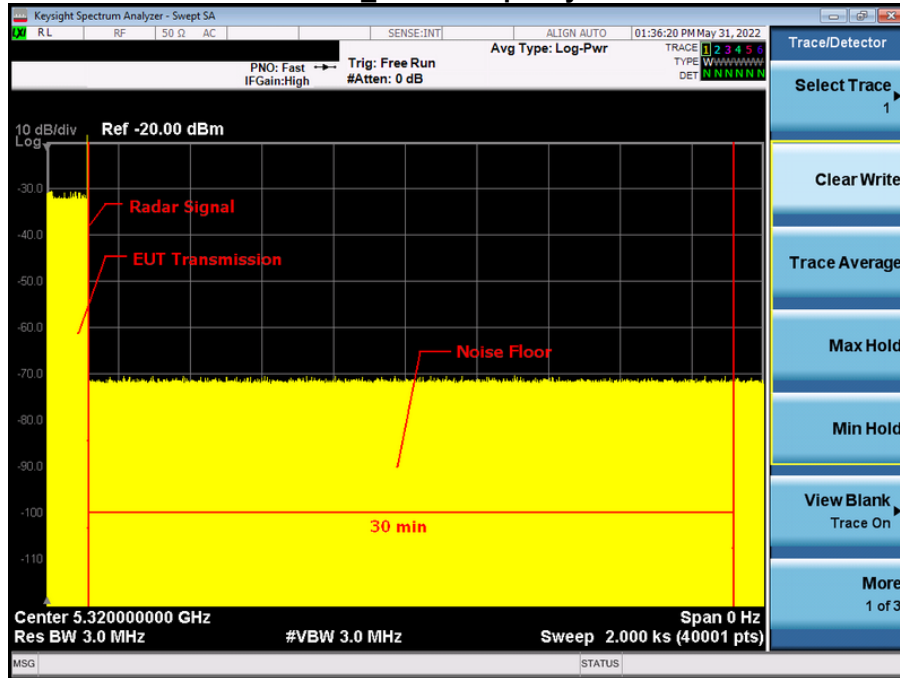
| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | NO        | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | NO        |
|            | 12      | YES       | 27      | YES       |
|            | 13      | NO        | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type4      | 1       | NO        | 16      | NO        |
|            | 2       | NO        | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | NO        |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | NO        | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type5      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | NO        |
|            | 12      | YES       | 27      | NO        |
|            | 13      | YES       | 28      | NO        |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type6      | 1       | YES       | 16      | YES       |
|            | 2       | NO        | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | NO        |
|            | 6       | YES       | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | NO        | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

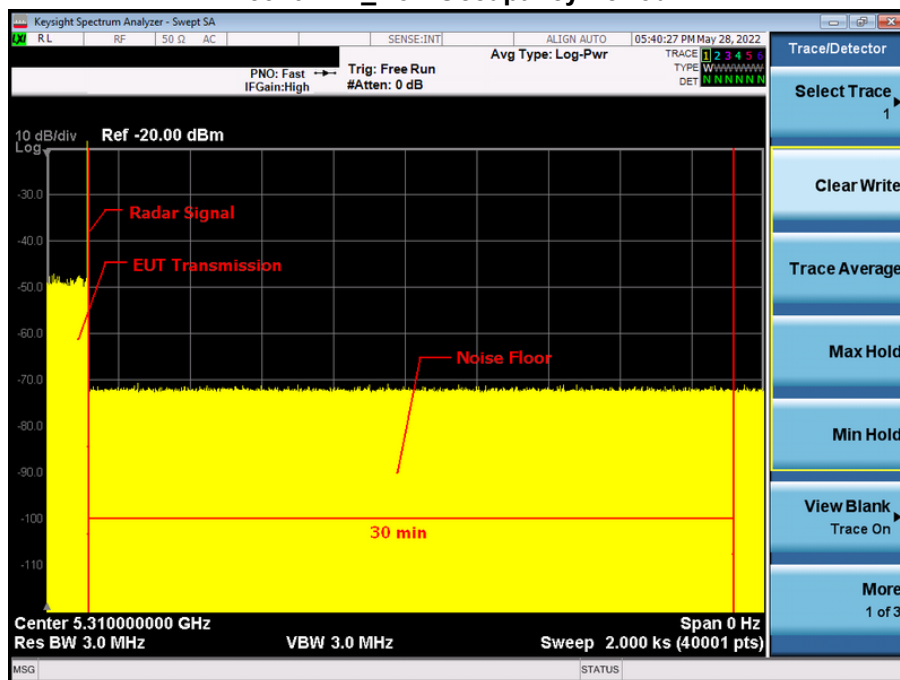
## 8.7 NON-OCCUPANCY PERIOD

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.

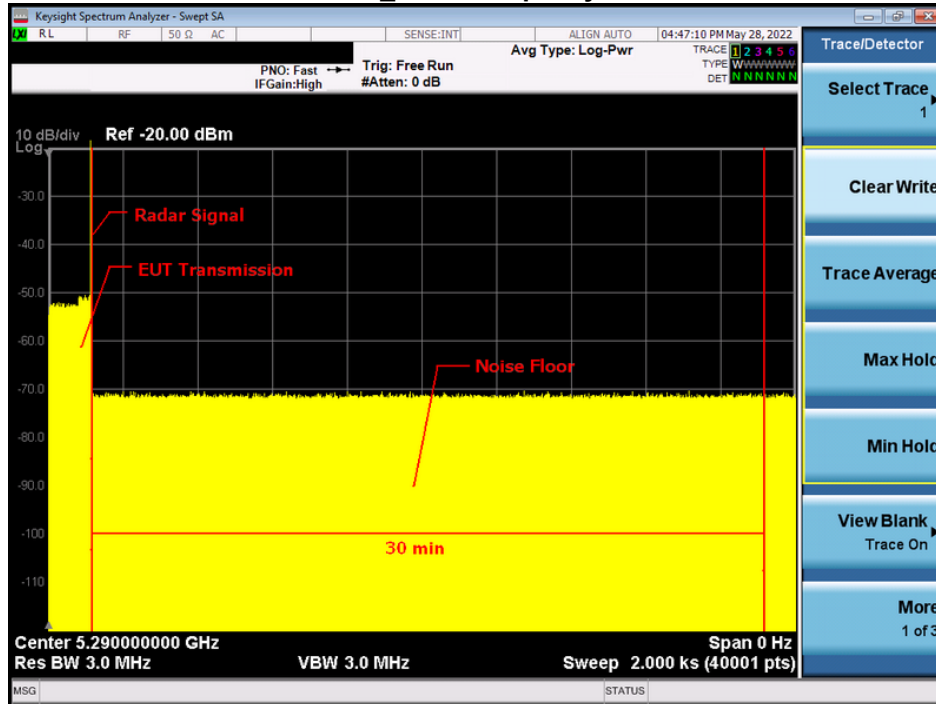
**TX (IEEE 802.11a Mode)  
5320MHz\_Non-Occupancy Period**



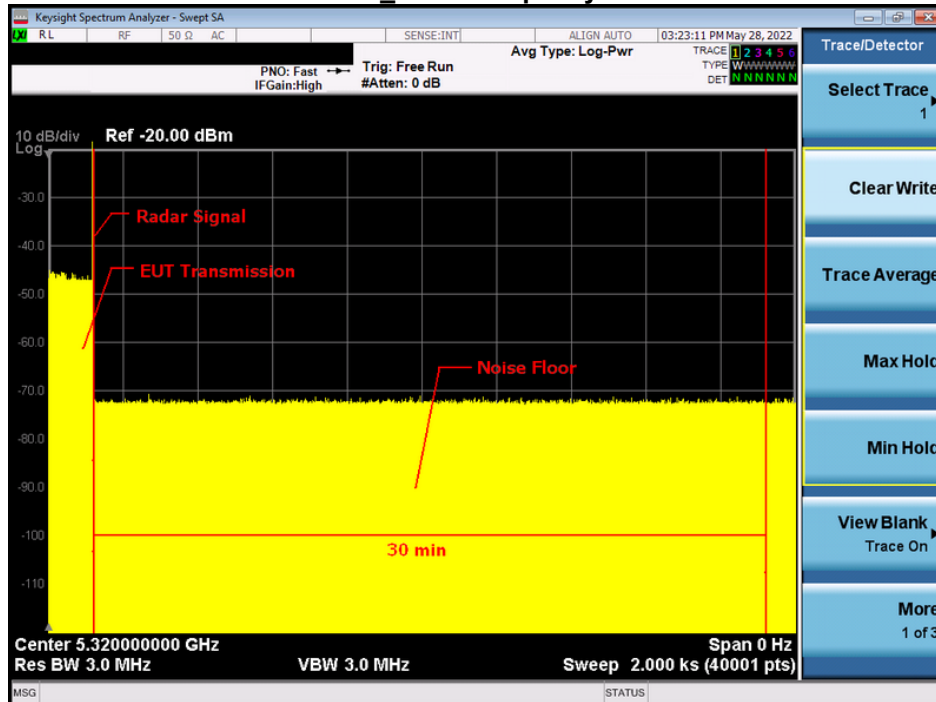
**TX (IEEE 802.11n(HT40) Mode)  
5310MHz\_Non-Occupancy Period**



### TX (IEEE 802.11ac(VHT80) Mode) 5290MHz\_Non-Occupancy Period

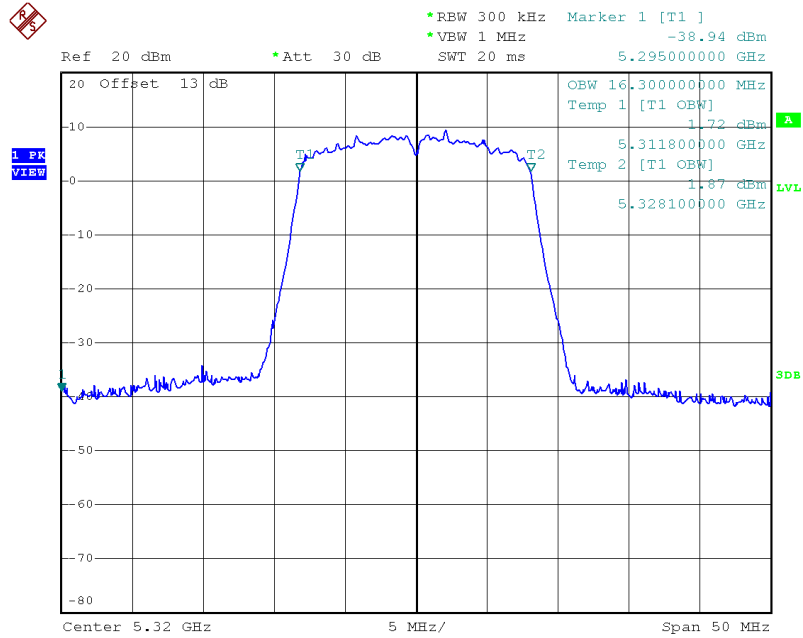


### TX (IEEE 802.11ax(HE20) Mode) 5320MHz\_Non-Occupancy Period



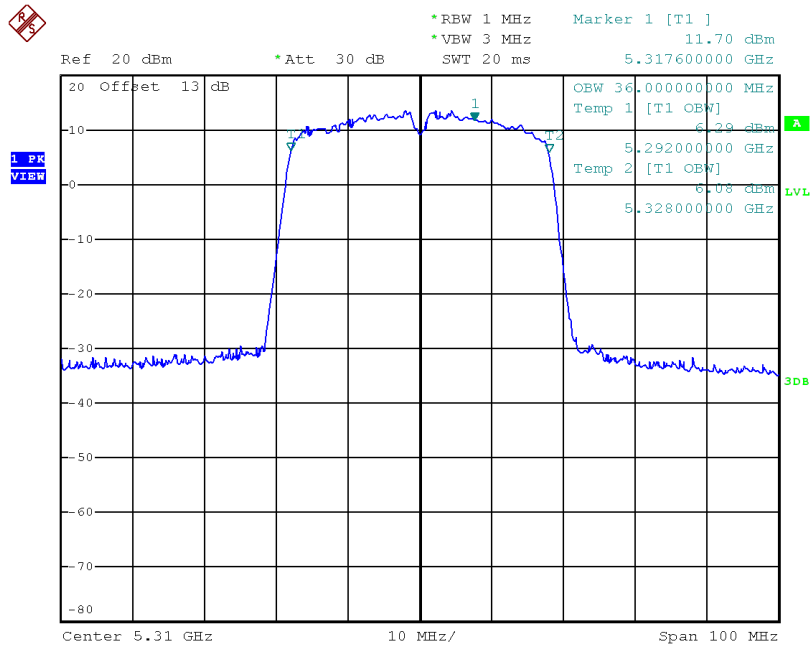
## 8.8 U-NII DETECTION BANDWIDTH

### TX (IEEE 802.11a Mode) U-NII 99% Channel bandwidth



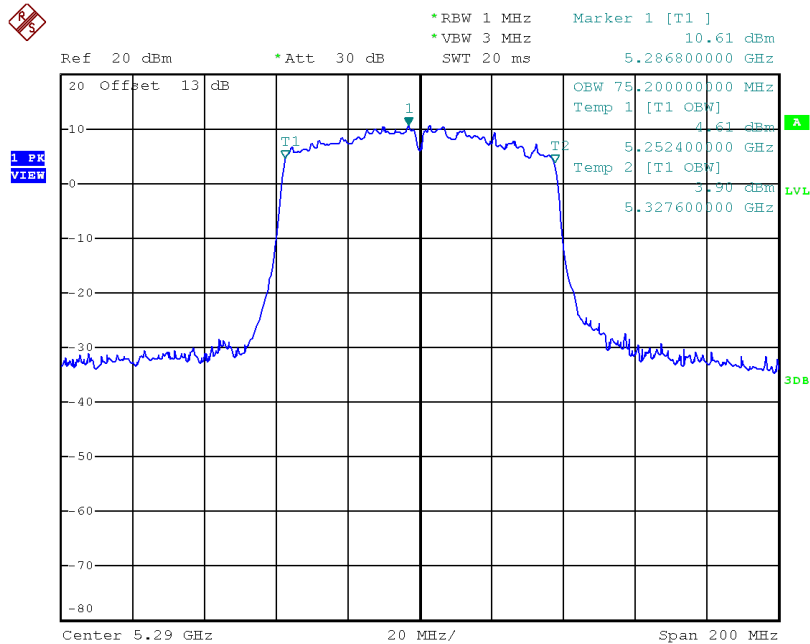
Date: 7.JUN.2022 17:59:08

## TX (IEEE 802.11n(HT40) Mode) U-NII 99% Channel bandwidth



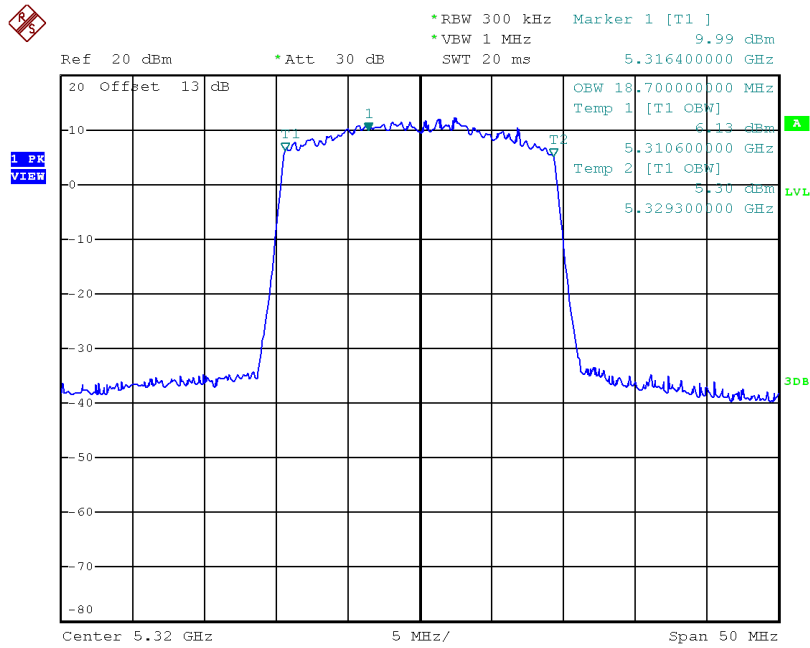
Date: 1.JAN.2003 01:49:55

## TX (IEEE 802.11ac(VHT80) Mode) U-NII 99% Channel bandwidth



Date: 1.JAN.2003 02:18:08

# TX (IEEE 802.11ax(HE20) Mode) U-NII 99% Channel bandwidth



Date: 1.JAN.2003 02:14:29

## IEEE 802.11a Mode

| Detection Bandwidth test transmission 20M                 |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| EUT FREQUENCY                                             | 5320M                                               |   |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                       | 16.3MHz                                             |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth limit(100%of EUT 99% Power bandwidth) | 18                                                  |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth(5329(FH)-5311(FL))                    | 18                                                  |   |   |   |   |   |   |   |   |    |                    |
| Test Result                                               | PASS                                                |   |   |   |   |   |   |   |   |    |                    |
| Radar Freq (MHz)                                          | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    | Detection Rate (%) |
|                                                           | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                    |
| 5309                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5310                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5311(FL)                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5312                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5313                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5314                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5315                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5316                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5317                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5318                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5319                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5320                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5321                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5322                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5323                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5324                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5325                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5326                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5327                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5328                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5329(FH)                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5331                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5332                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |

## IEEE 802.11n(HT40) Mode

| Detection Bandwith test transmission 40M                 |                                                     |   |   |   |   |   |   |   |   |    |                       |
|----------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|-----------------------|
| EUT FREQUENCY                                            | 5310M                                               |   |   |   |   |   |   |   |   |    |                       |
| EUT power bandwidth                                      | 36.0MHZ                                             |   |   |   |   |   |   |   |   |    |                       |
| Detection Bandwith limit(100%of EUT 99% Power bandwidth) | 36                                                  |   |   |   |   |   |   |   |   |    |                       |
| Detection Bandwith(5328(FH)-5291(FL))                    | 36                                                  |   |   |   |   |   |   |   |   |    |                       |
| Test Result                                              | PASS                                                |   |   |   |   |   |   |   |   |    |                       |
| Radar Freq<br>(MHz)                                      | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    | Detection<br>Rate (%) |
|                                                          | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                       |
| 5288                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                     |
| 5289                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                     |
| 5290                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                     |
| 5291(FL)                                                 | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5293                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5294                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5295                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5296                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5297                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5298                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5299                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5300                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5301                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5302                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5303                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5304                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5305                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5306                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5307                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5308                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5309                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5310                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5311                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5312                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5313                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5314                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5315                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5316                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5317                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5318                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5319                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5320                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5321                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5322                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5323                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5324                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5325                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5326                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5327                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5328(FH)                                                 | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                   |
| 5329                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                     |
| 5330                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                     |
| 5331                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                     |

# IEEE 802.11ac(VHT80) Mode

|                                                            |                                                     |   |   |   |   |   |   |   |   |    |                    |  |
|------------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|--|
| Detection Bandwidth test transmission                      | 80M                                                 |   |   |   |   |   |   |   |   |    |                    |  |
| EUT FREQUENCY                                              | 5290M                                               |   |   |   |   |   |   |   |   |    |                    |  |
| EUT power bandwidth                                        | 75.2                                                |   |   |   |   |   |   |   |   |    |                    |  |
| Detection Bandwidth limit(100% of EUT 99% Power bandwidth) | 76                                                  |   |   |   |   |   |   |   |   |    |                    |  |
| Detection Bandwidth(5328(FH)-5252(FL))                     | 76                                                  |   |   |   |   |   |   |   |   |    |                    |  |
| Test Result                                                | PASS                                                |   |   |   |   |   |   |   |   |    |                    |  |
|                                                            | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    |                    |  |
| Radar Freq (MHz)                                           | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |  |
| 5249                                                       | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |  |
| 5250                                                       | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |  |
| 5251                                                       | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |  |
| 5252(FL)                                                   | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5253                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5254                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5255                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5256                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5257                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5258                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5259                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5260                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5261                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5262                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5263                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5264                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5265                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5266                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5267                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5268                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5269                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5270                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5271                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5272                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5273                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5274                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5275                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5276                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5277                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5278                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5279                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5280                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5281                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5282                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5283                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5284                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5285                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5286                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5287                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5288                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5289                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5290                                                       | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |  |

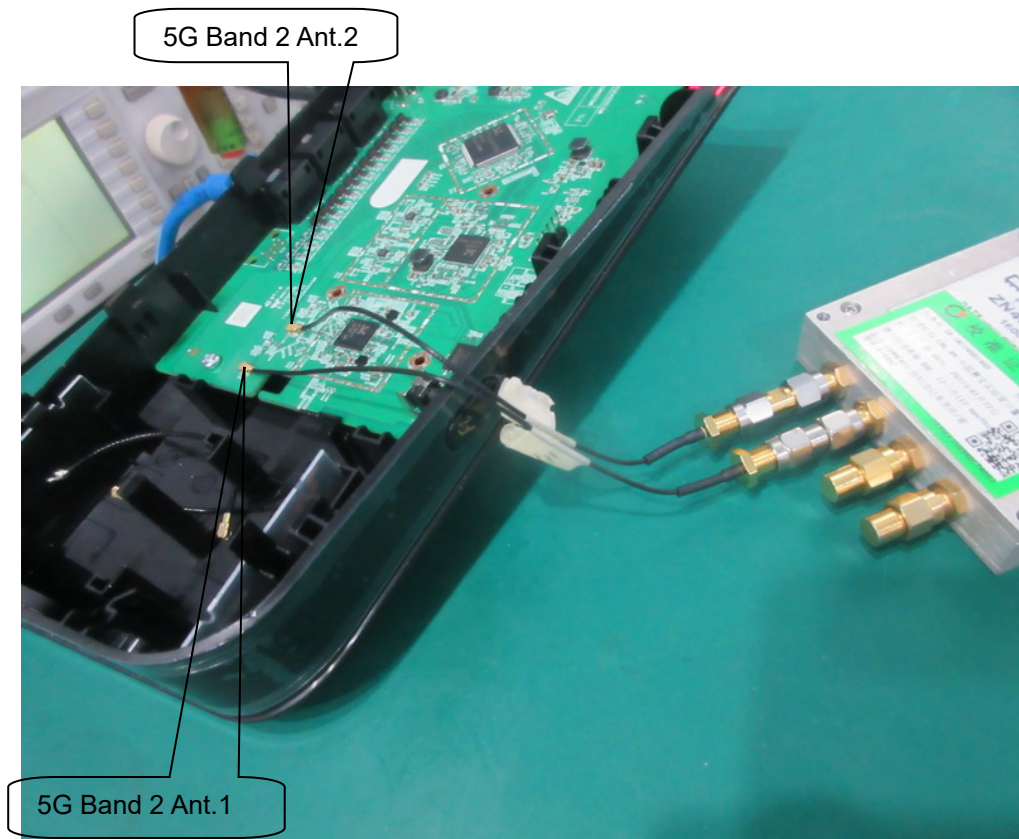
|                                                           |                                                     |       |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------|-----------------------------------------------------|-------|---|---|---|---|---|---|---|----|--------------------|
| Detection Bandwidth test transmission                     |                                                     | 80M   |   |   |   |   |   |   |   |    |                    |
| EUT FREQUENCY                                             |                                                     | 5290M |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                       |                                                     | 75.2  |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth limit(100%of EUT 99% Power bandwidth) |                                                     | 76    |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth(5328(FH)-5252(FL))                    |                                                     | 76    |   |   |   |   |   |   |   |    |                    |
| Test Result                                               |                                                     | PASS  |   |   |   |   |   |   |   |    |                    |
| Radar Freq (MHz)                                          | DFS Detection Trials (1=Detection, 0= No Detection) |       |   |   |   |   |   |   |   |    | Detection Rate (%) |
|                                                           | 1                                                   | 2     | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                    |
| 5291                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5292                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5293                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5294                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5295                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5296                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5297                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5298                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5299                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5300                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5301                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5302                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5303                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5304                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5305                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5306                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5307                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5308                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5309                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5310                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5311                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5312                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5313                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5314                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5315                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5316                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5317                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5318                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5319                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5320                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5321                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5322                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5323                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5324                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5325                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5326                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5327                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5328(FH)                                                  | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5329                                                      | 0                                                   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5340                                                      | 0                                                   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5341                                                      | 0                                                   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |

# IEEE 802.11ax(HE20) Mode

| Detection Bandwidth test transmission 20M                 |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| EUT FREQUENCY                                             | 5320M                                               |   |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                       | 18.7MHz                                             |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth limit(100%of EUT 99% Power bandwidth) | 20                                                  |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth(5330(FH)-5310(FL))                    | 20                                                  |   |   |   |   |   |   |   |   |    |                    |
| Test Result                                               | PASS                                                |   |   |   |   |   |   |   |   |    |                    |
| Radar Freq (MHz)                                          | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    | Detection Rate (%) |
|                                                           | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                    |
| 5309                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5310(FL)                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5311                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5312                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5313                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5314                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5315                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5316                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5317                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5318                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5319                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5320                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5321                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5322                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5323                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5324                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5325                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5326                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5327                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5328                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5329                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5330(FH)                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5332                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |

## 9. EUT TEST PHOTO





**End of Test Report**