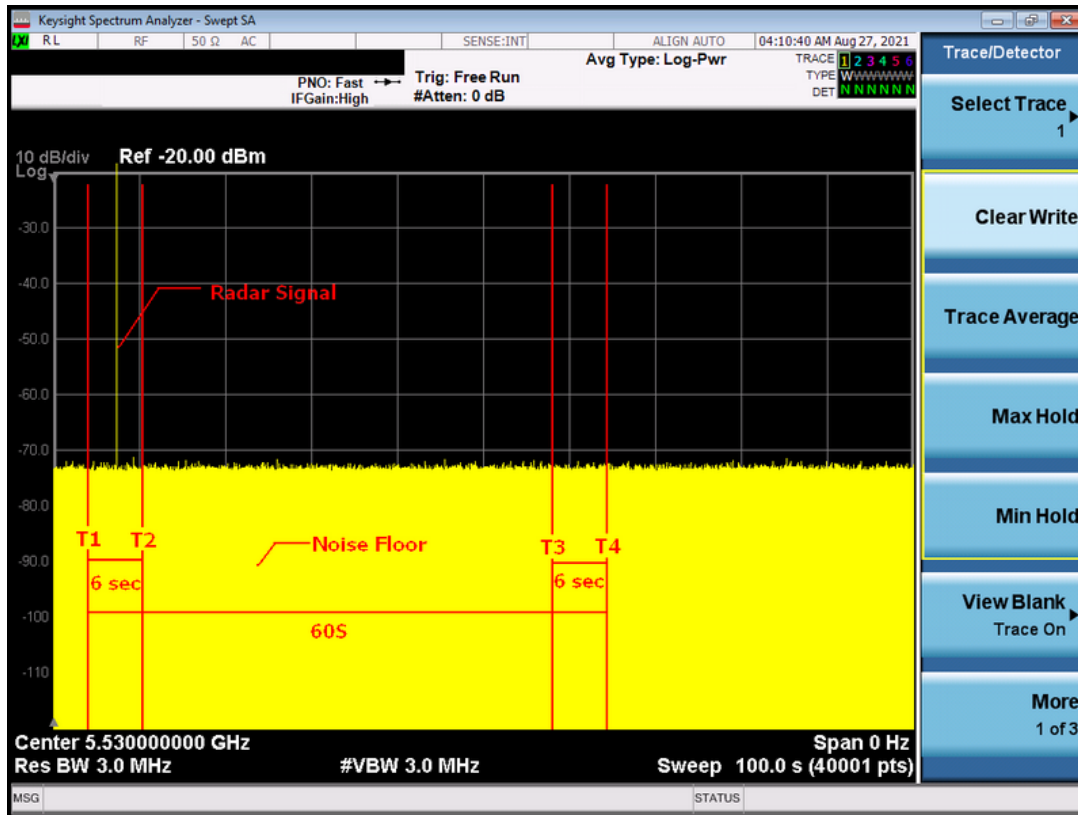


## IEEE 802.11ac(VHT80) Mode

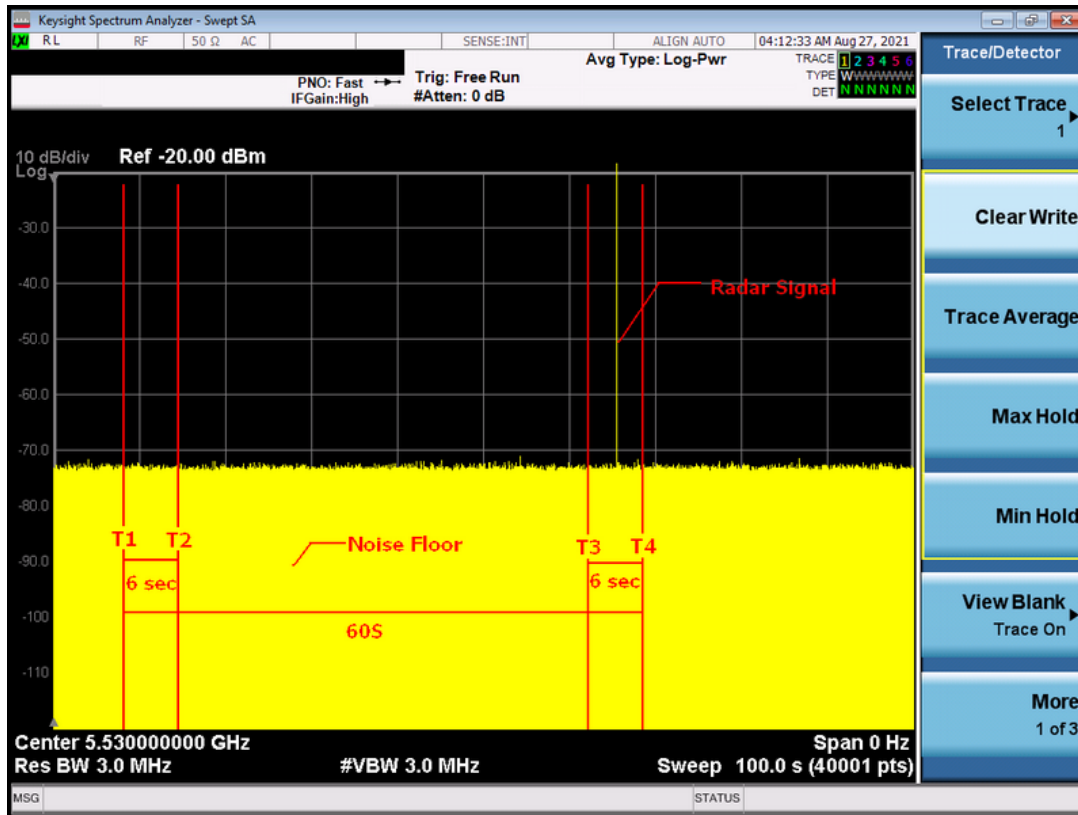
Radar Burst at the Beginning of the Channel Availability Check Time



**Note:** T1 denotes the end of power up time period is 4 second.  
T2 denotes 10 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.  
T4 denotes the 64 second.

## IEEE 802.11ac(VHT80) Mode

Radar Burst at the End of the Channel Availability Check Time



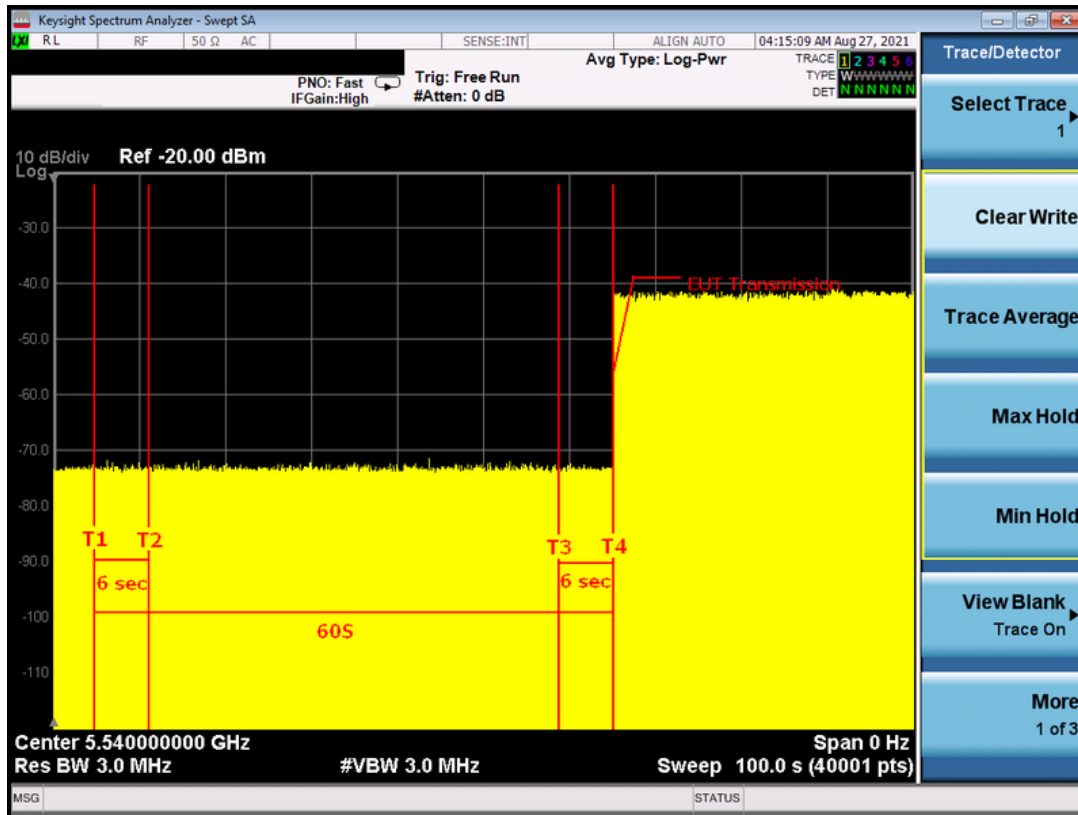
**Note:** T1 denotes the end of power up time period is 9.5 second.

T3 denotes 63.5 second and radar burst was commenced within 54 second to 60 second in dow starting from the end of power-up sequence.

T4 denotes the 69.5 second.

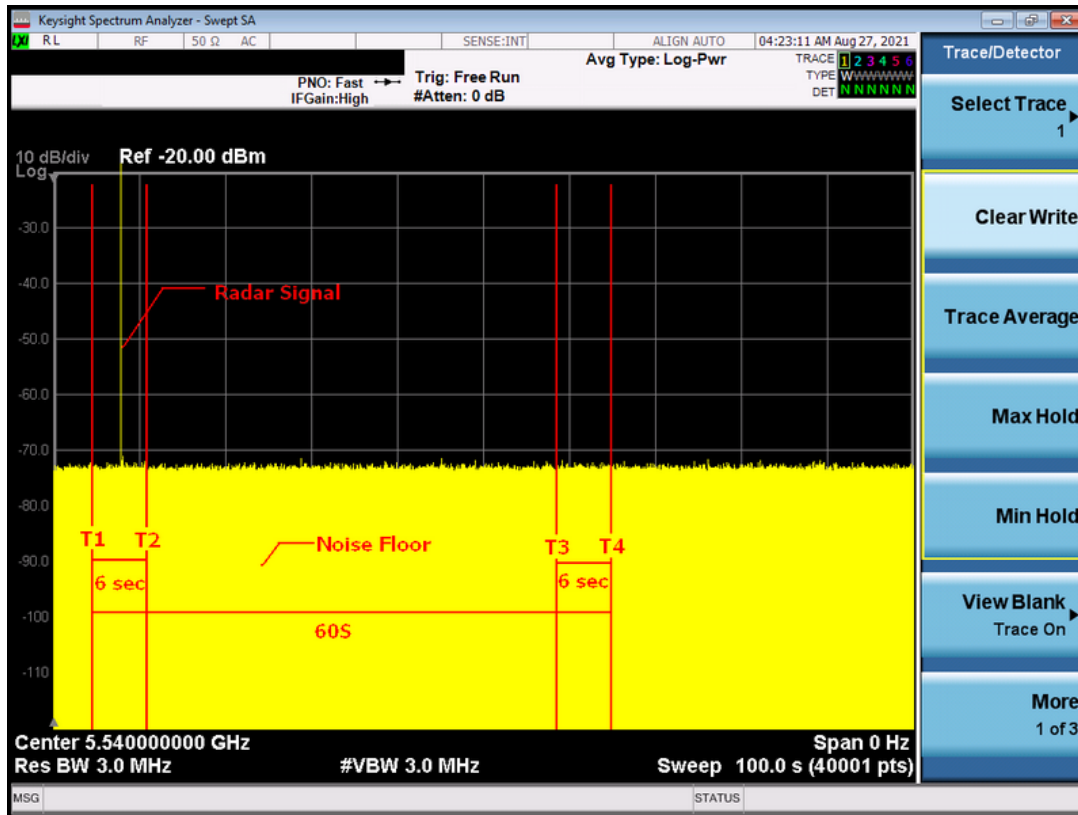
## IEEE 802.11ax(HE20) Mode

Initial Channel Availability Check Time



**Note:** T1 denotes the end of power-up time period is 4.5 second.  
T4 denotes the end of Channel Availability Check time is 64.5 second. Channel Availability Check time is equal to (T4 - T1) 60 seconds.

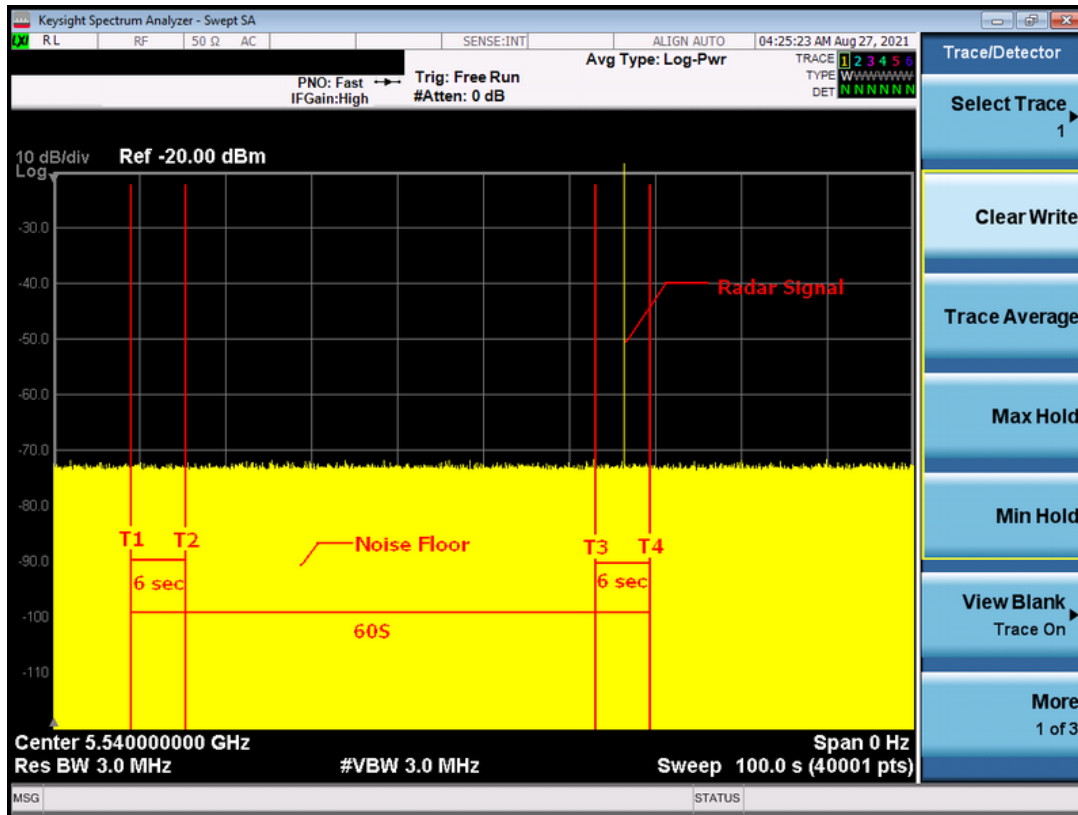
## IEEE 802.11ax(HE20) Mode Radar Burst at the Beginning of the Channel Availability Check Time



**Note:** T1 denotes the end of power up time period is 4.25 second.  
T2 denotes 10.25 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.  
T4 denotes the 64.25 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 9 second.

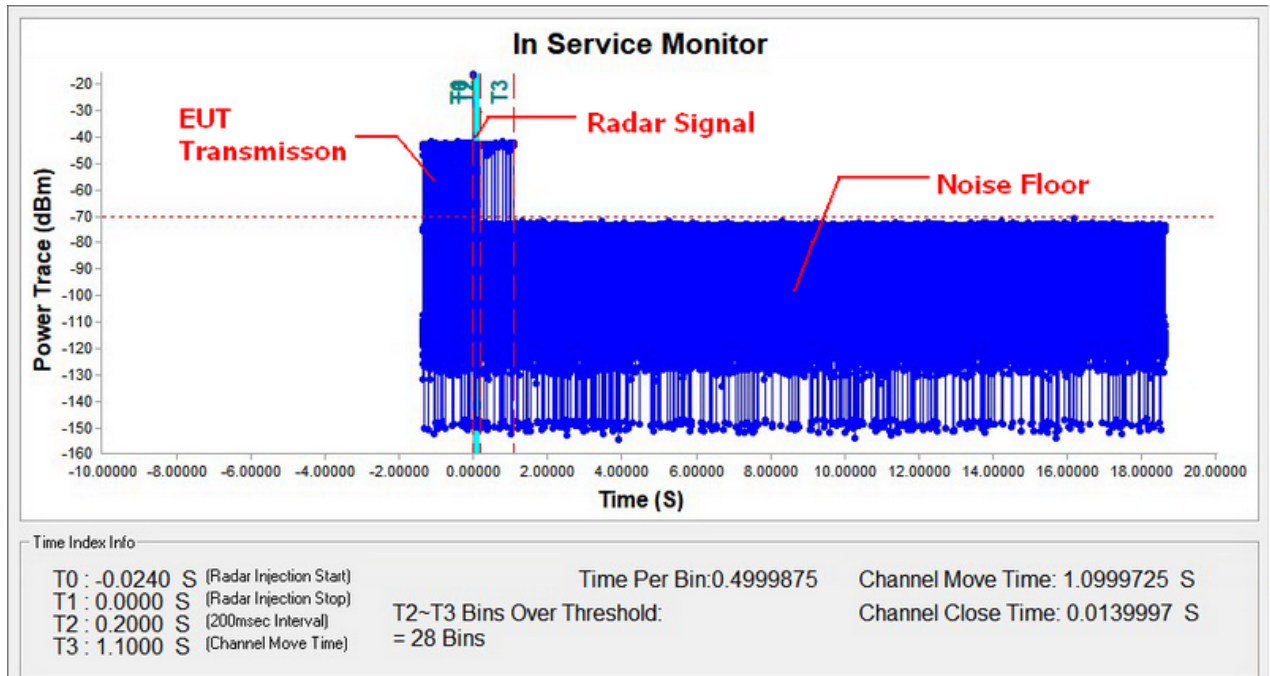
T3 denotes 63 second and radar burst was commenced within 54 second to 60 second indow starting from the end of power-up sequence.

T4 denotes the 69 second.

## 8.5 CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

TX (IEEE 802.11a Mode)

Radar signal 0

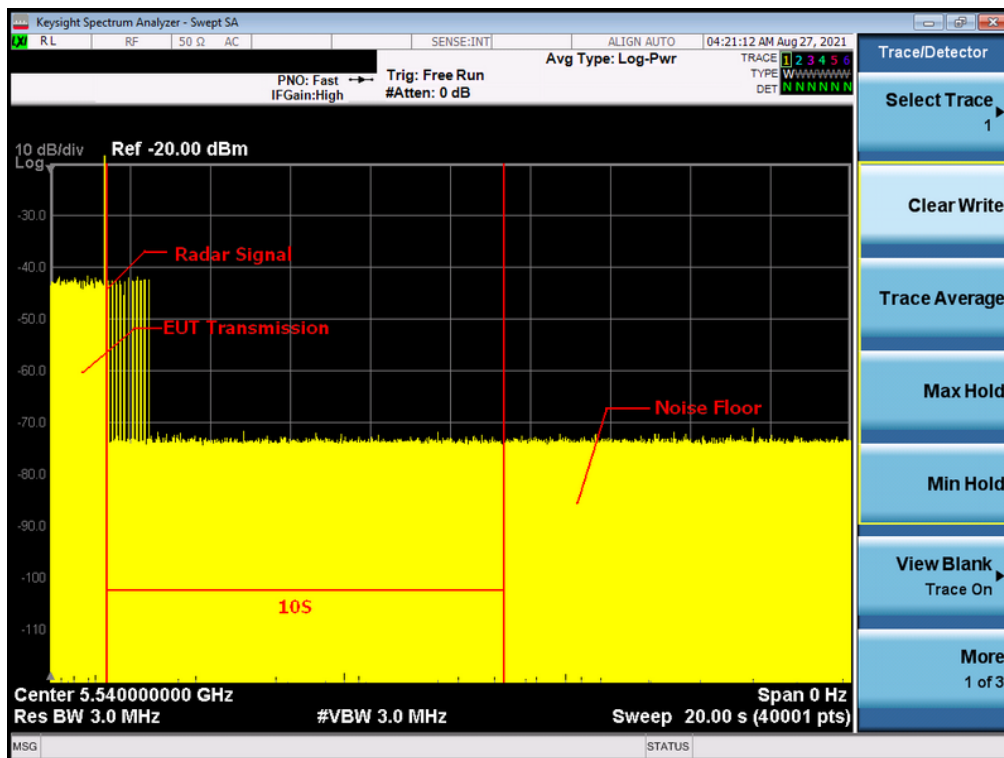


**Note:** T0 denotes the Radar Injection Start.

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.

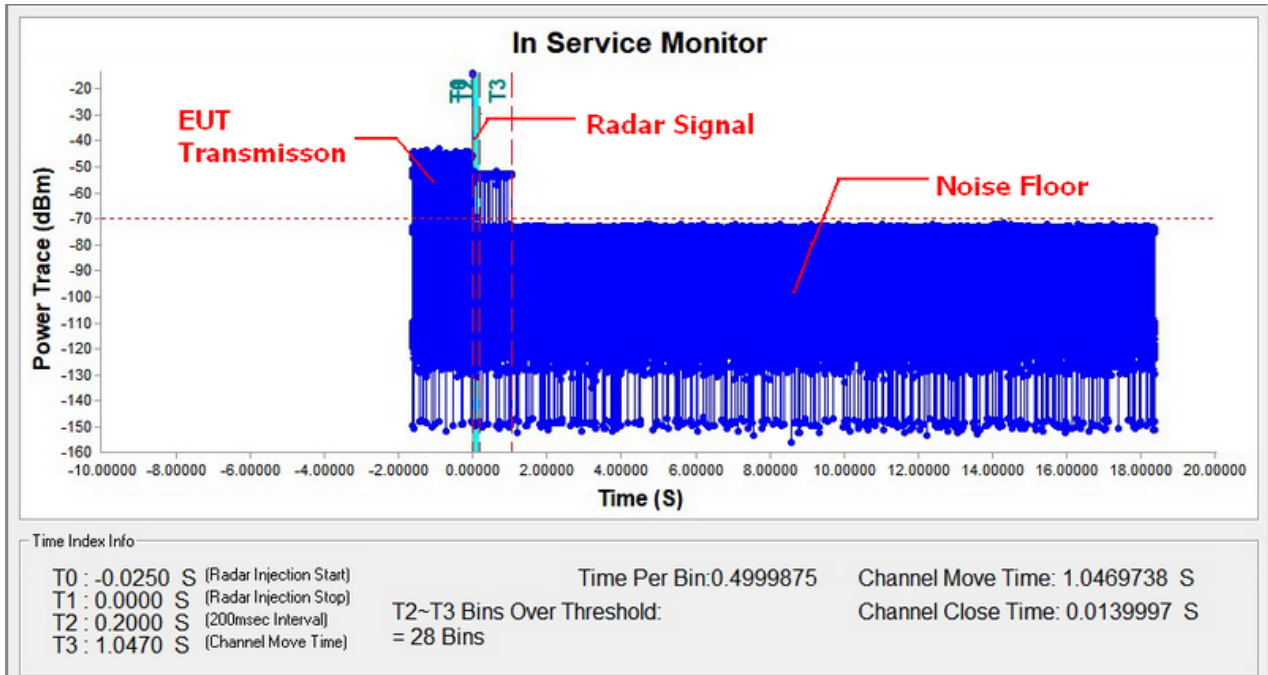
T3 denotes the end of Channel Move Time.



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

TX (IEEE 802.11n(HT40) Mode)

Radar signal 0

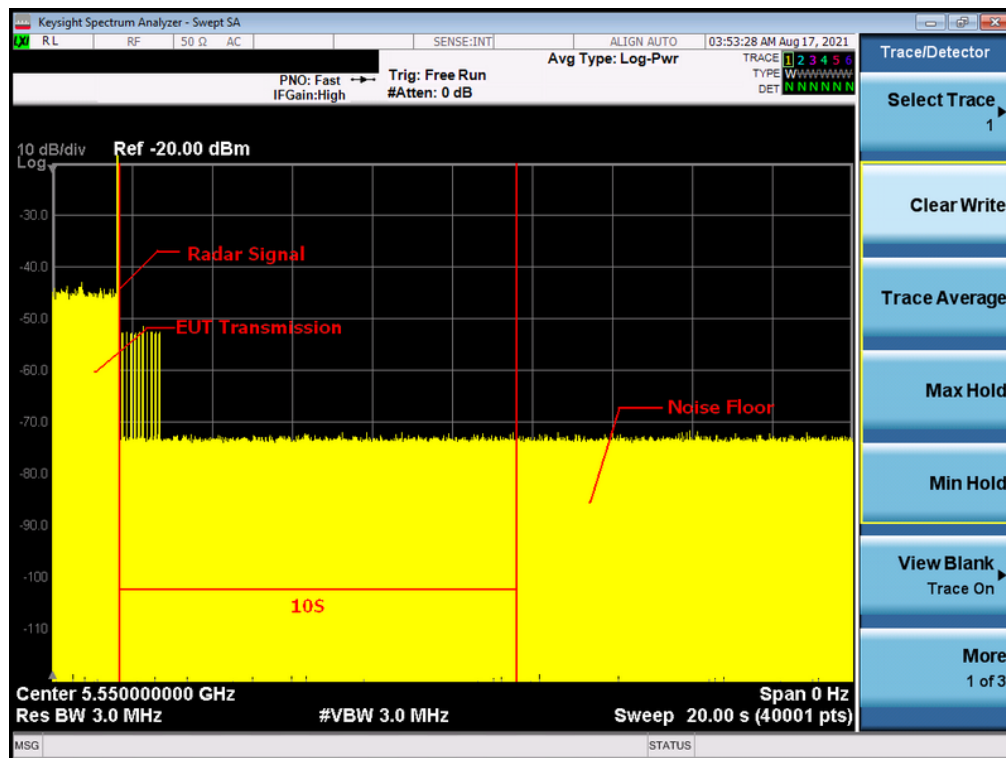


**Note:** T0 denotes the Radar Injection Start.

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.

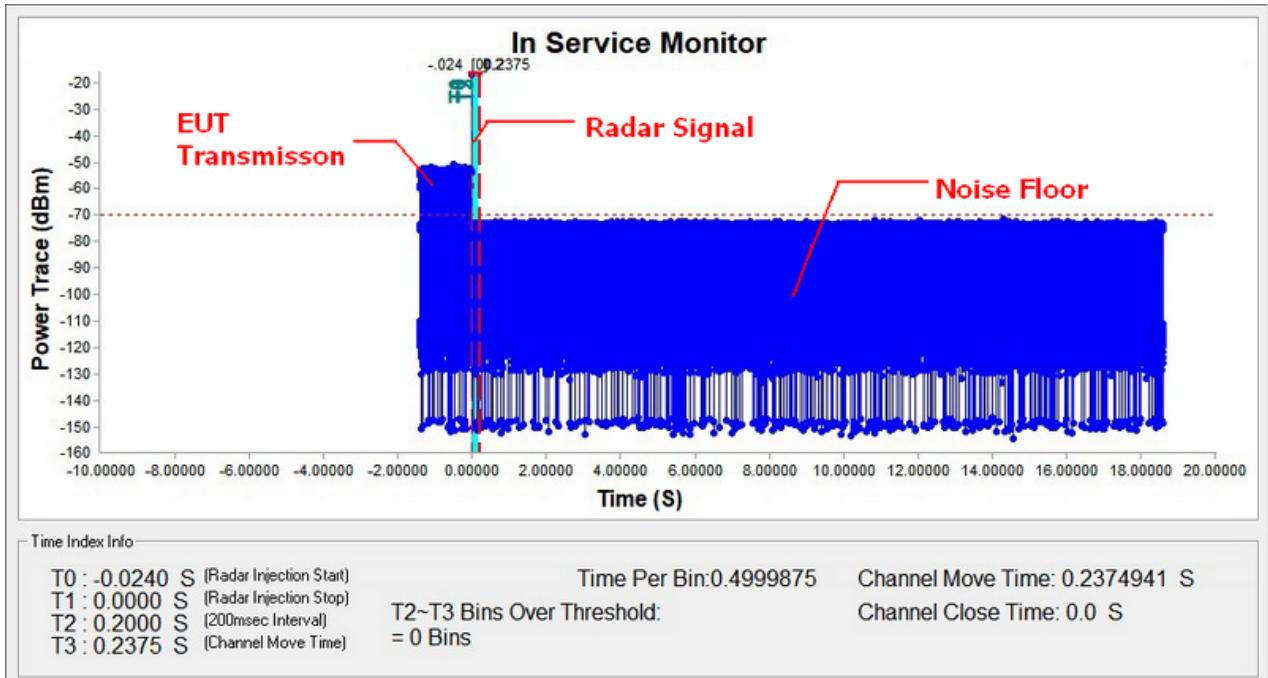
T3 denotes the end of Channel Move Time.



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

TX (IEEE 802.11ac(VHT80) Mode)

Radar signal 0

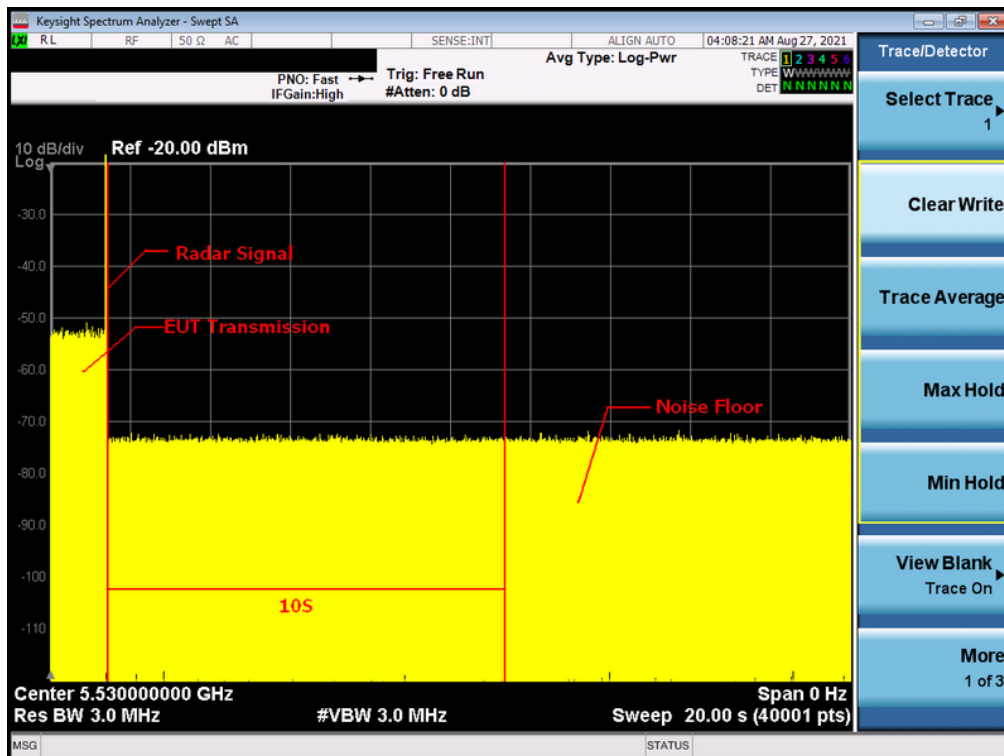


**Note:** T0 denotes the Radar Injection Start.

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.

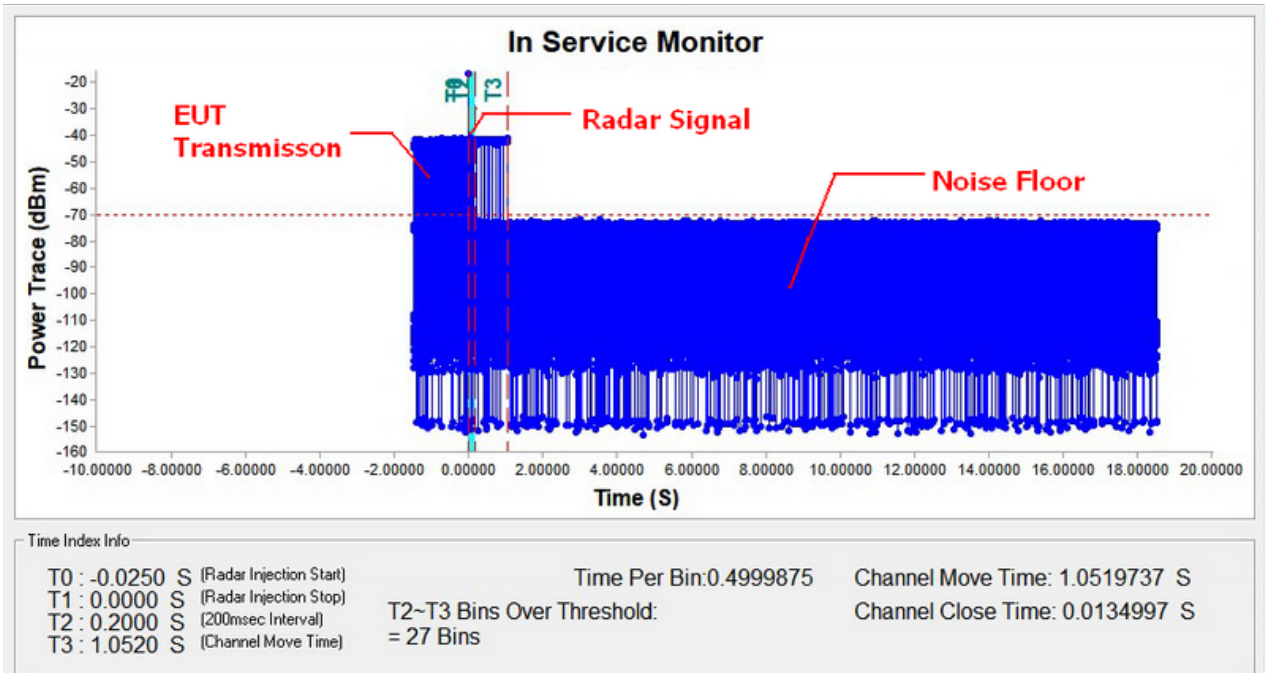
T3 denotes the end of Channel Move Time.



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

TX (IEEE 802.11ax(HE20) Mode)

Radar signal 0

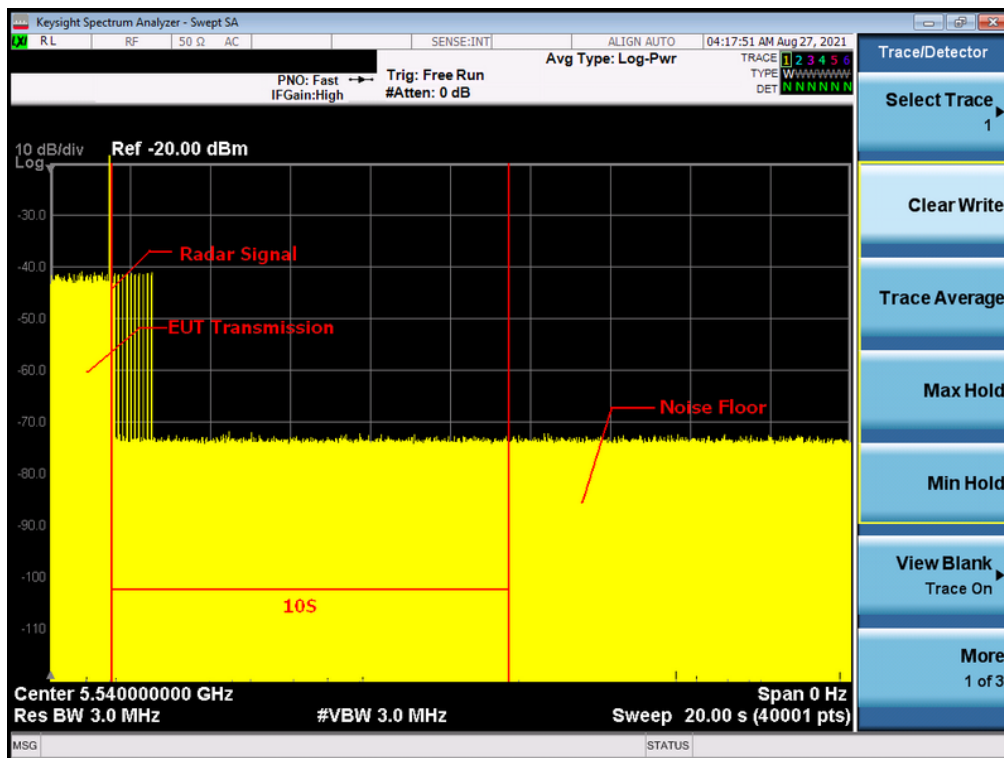


**Note:** T0 denotes the Radar Injection Start.

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

T2 denotes the data transmission 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  | 1.0999725         | 10                                                                                  |
| Channel Close Time | 0.013997          | 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       | 1.0469738         | 10                                                                                  |
| Channel Close Time      | 0.0139997         | 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         | 0.2374941         | 10                                                                                  |
| Channel Close Time        | 0.0               | 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        | 1.0519737         | 10                                                                                  |
| Channel Close Time       | 0.0134997         | 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 | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 30         | 0          | 100%                                   |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                    | 23-29                                                                                                                                | 28         | 2          | 93%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                    | 16-18                                                                                                                                | 26         | 4          | 87%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                                | 26         | 4          | 87%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                            |                                                                                                                                      | 110        | 10         | 92%                                    |

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             | 28         | 2          | 93%                                    |

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                            | 30         | 0          | 100%                                   |

| 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      | 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      | 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      | 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       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | NO        |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | NO        | 21      | NO        |
|            | 7       | YES       | 22      | NO        |
|            | 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       |
| Type4      | 1       | YES       | 16      | NO        |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | NO        |
|            | 6       | YES       | 21      | NO        |
|            | 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       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type5      | 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      | YES       | 28      | YES       |
|            | 14      | NO        | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type6      | 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      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 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                  | <p>Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a</p> <p>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</p> | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 29         | 1          | 97%                                    |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                               | 23-29                                                                                                                                | 27         | 3          | 90%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                               | 16-18                                                                                                                                | 25         | 5          | 83%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                               | 12-16                                                                                                                                | 28         | 2          | 93%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                                       |                                                                                                                                      | 109        | 11         | 91%                                    |

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             | 29         | 1          | 97%                                    |

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                            | 29         | 1          | 97%                                    |

| 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      | 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      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type2      | 1       | YES       | 16      | YES       |
|            | 2       | NO        | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | NO        |
|            | 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       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | NO        |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | NO        |
|            | 5       | YES       | 20      | YES       |
|            | 6       | YES       | 21      | NO        |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | NO        | 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      | NO        |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 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      | 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  |
| 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      | YES       |
|            | 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      | 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      | 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                  | <p>Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a</p> <p>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</p> | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 30         | 0          | 100%                                   |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                               | 23-29                                                                                                                                | 28         | 2          | 93%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                               | 16-18                                                                                                                                | 26         | 4          | 87%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                               | 12-16                                                                                                                                | 26         | 4          | 87%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                                       |                                                                                                                                      | 110        | 10         | 92%                                    |

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             | 30         | 0          | 100%                                   |

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                            | 29         | 1          | 97%                                    |

| 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      | 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       | 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       |

| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | NO        | 21      | NO        |
|            | 7       | YES       | 22      | NO        |
|            | 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      | NO        | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type4      | 1       | NO        | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 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      | NO        |
|            | 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  |
| 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      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type6      | 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      | 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                                                                                                                           | 26         | 4          | 87%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                           | 26         | 4          | 87%                                    |
| 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             | 29         | 1          | 97%                                    |

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                            | 30         | 0          | 100%                                   |

| 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      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | NO        |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | NO        |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type2      | 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      | NO        |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | YES       | 27      | NO        |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

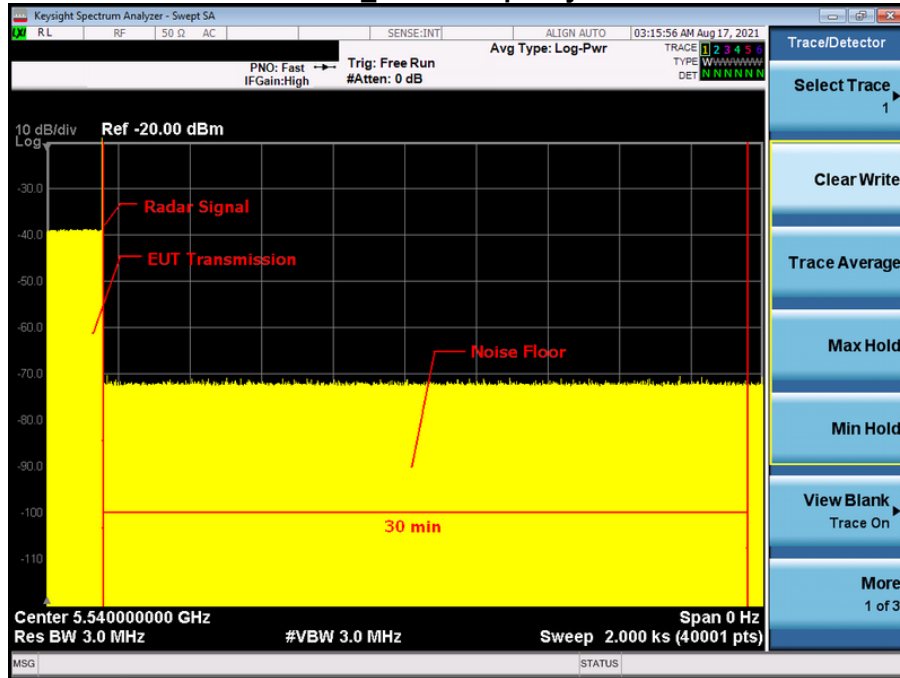
| Radar Type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type3      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 3       | YES       | 18      | YES       |
|            | 4       | YES       | 19      | YES       |
|            | 5       | YES       | 20      | YES       |
|            | 6       | NO        | 21      | YES       |
|            | 7       | YES       | 22      | YES       |
|            | 8       | YES       | 23      | YES       |
|            | 9       | NO        | 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       |
| Type4      | 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      | YES       |
|            | 9       | YES       | 24      | YES       |
|            | 10      | YES       | 25      | YES       |
|            | 11      | YES       | 26      | YES       |
|            | 12      | NO        | 27      | YES       |
|            | 13      | NO        | 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      | NO        |
|            | 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      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |
| Type6      | 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      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

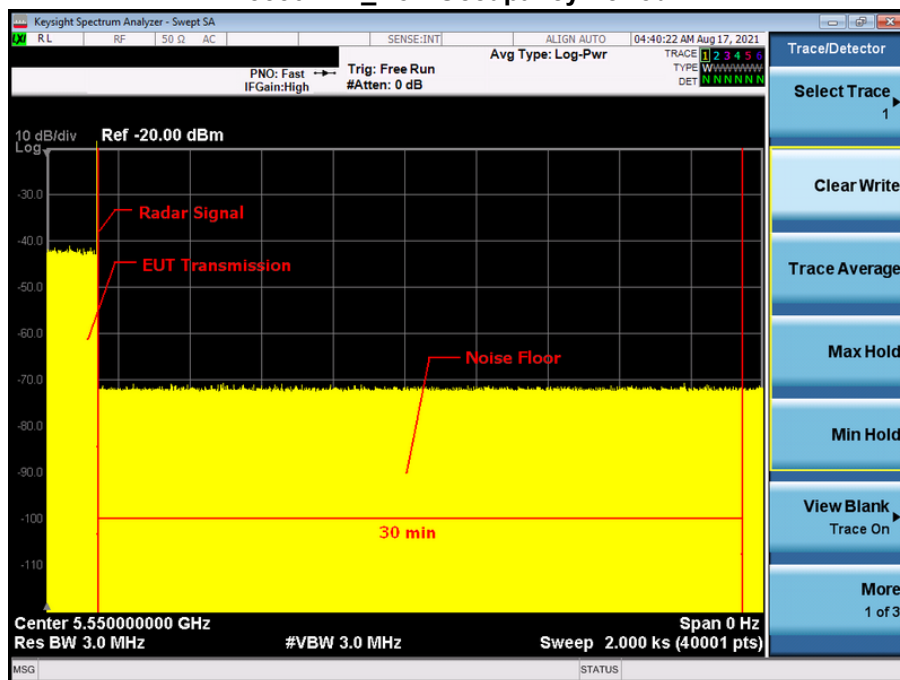
## 8.7 NON-OCCUPANCY PERIOD

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.

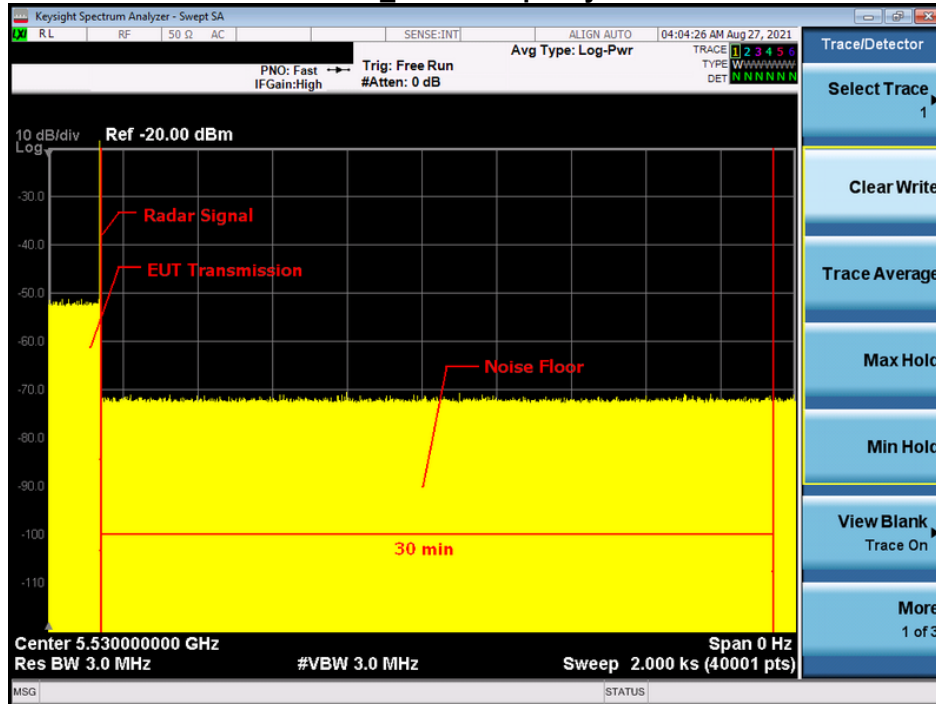
**TX (IEEE 802.11a Mode)  
5540MHz\_Non-Occupancy Period**



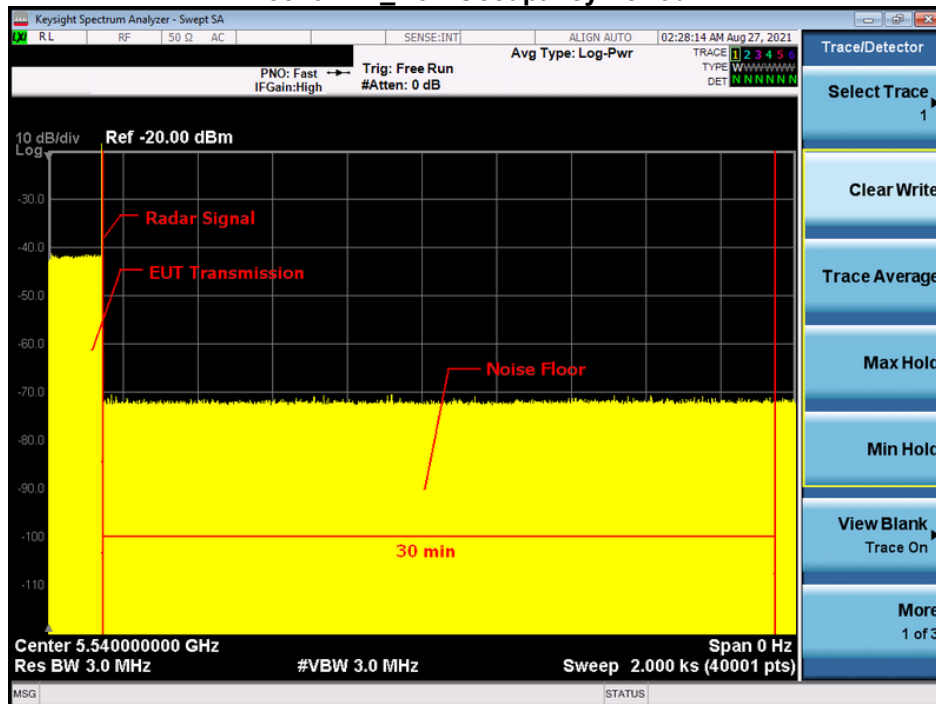
**TX (IEEE 802.11n(HT40) Mode)  
5550MHz\_Non-Occupancy Period**



### TX (IEEE 802.11ac(VHT80) Mode) 5530MHz\_Non-Occupancy Period

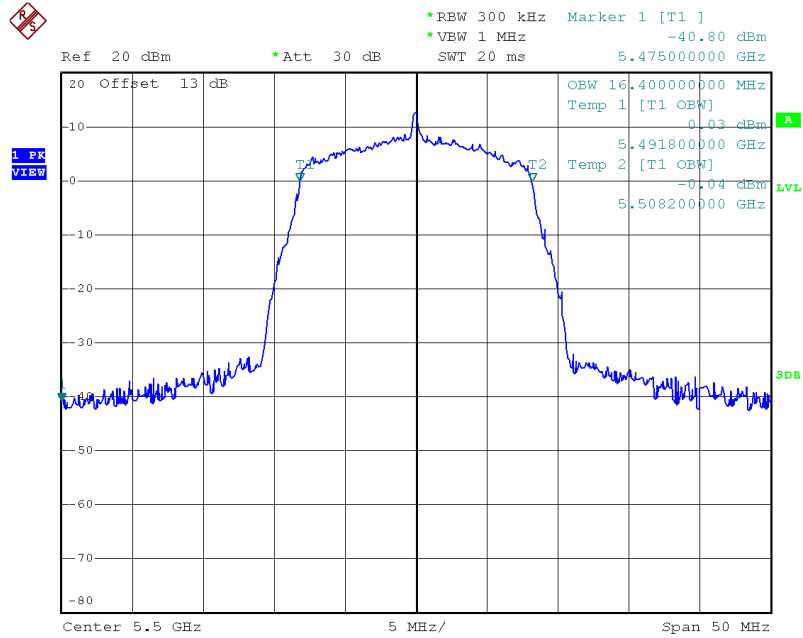


### TX (IEEE 802.11ax(HE20) Mode) 5540MHz\_Non-Occupancy Period



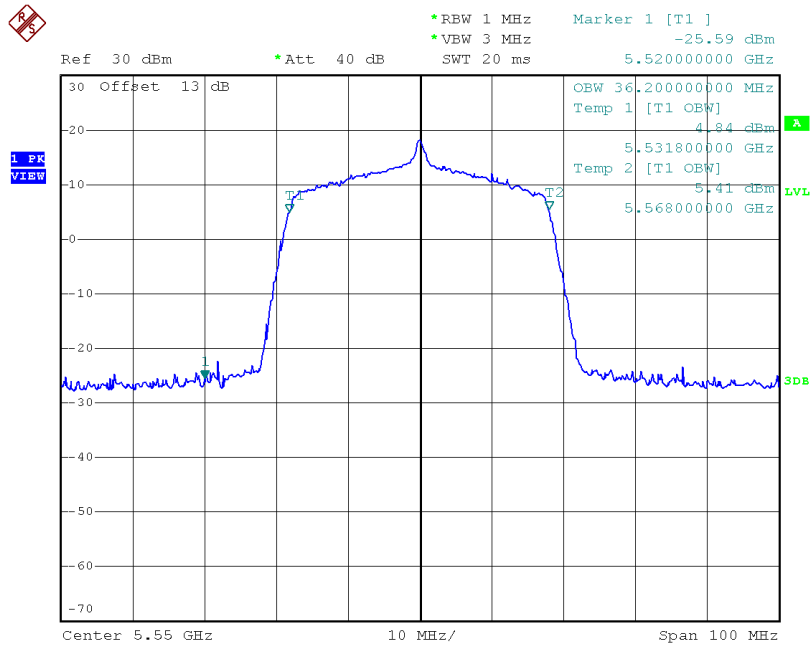
## 8.8 U-NII DETECTION BANDWIDTH

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



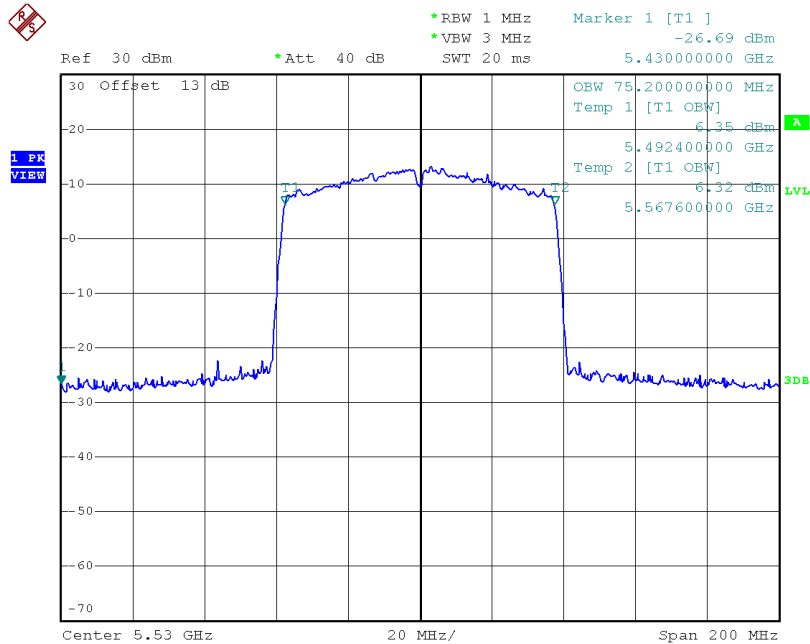
Date: 25.AUG.2021 19:15:17

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



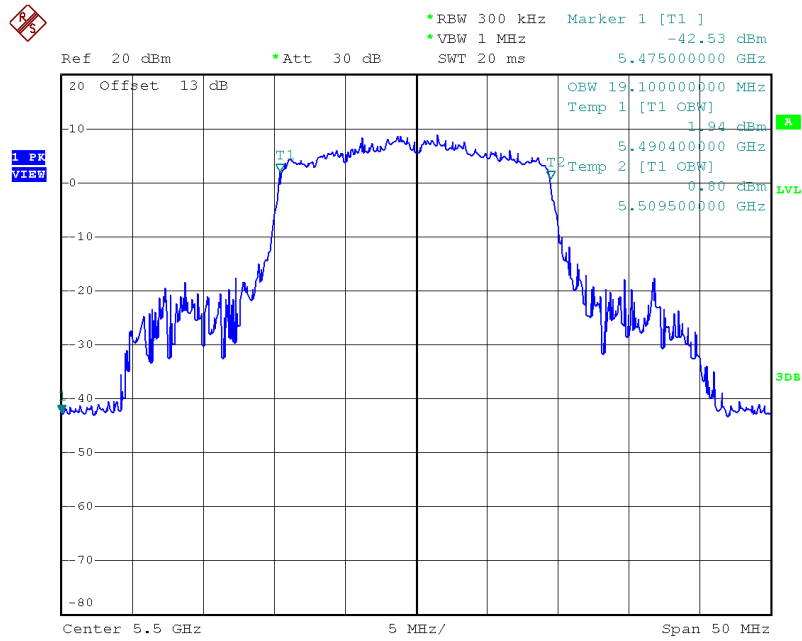
Date: 25.AUG.2021 19:47:38

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



Date: 25.AUG.2021 20:25:18

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



Date: 25.AUG.2021 20:38:01

### IEEE 802.11a Mode

| Detection Bandwidth test transmission 20M                 |                                                     |         |   |    |   |   |   |   |   |    |                    |     |
|-----------------------------------------------------------|-----------------------------------------------------|---------|---|----|---|---|---|---|---|----|--------------------|-----|
| EUT FREQUENCY                                             |                                                     | 5500M   |   |    |   |   |   |   |   |    |                    |     |
| EUT power bandwidth                                       |                                                     | 16.4MHz |   |    |   |   |   |   |   |    |                    |     |
| Detection Bandwidth limit(100%of EUT 99% Power bandwidth) |                                                     |         |   | 18 |   |   |   |   |   |    |                    |     |
| Detection Bandwidth(5510(FH)-5490(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 |                    |     |
| 5489                                                      | 0                                                   | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0  | 0                  | 0   |
| 5490(FL)                                                  | 0                                                   | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0  | 0                  | 0   |
| 5491                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5492                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5493                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5494                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5495                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5496                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5497                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5498                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5499                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5500                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5501                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5502                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5503                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5504                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5505                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5506                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5507                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5508                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5509                                                      | 1                                                   | 1       | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 1  | 1                  | 100 |
| 5510(FH)                                                  | 0                                                   | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0  | 0                  | 0   |
| 5511                                                      | 0                                                   | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0  | 0                  | 0   |

### IEEE 802.11n(HT40) Mode

| Detection Bandwith test transmission 40M                 |                                                     |   |   |   |   |   |   |   |   |    |                    |
|----------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| EUT FREQUENCY                                            | 5270M                                               |   |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                      | 36.2MHZ                                             |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwith limit(100%of EUT 99% Power bandwidth) | 38                                                  |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwith(5569(FH)-5531(FL))                    | 38                                                  |   |   |   |   |   |   |   |   |    |                    |
| Test Result                                              | PASS                                                |   |   |   |   |   |   |   |   |    |                    |
| Radar Freq<br>(MHz)                                      | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    | Detection Rate (%) |
|                                                          | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                    |
| 5529                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5530                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5531(FL)                                                 | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5532                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5533                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5534                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5535                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5536                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5537                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5538                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5539                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5540                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5541                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5542                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5543                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5544                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5545                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5546                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5547                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5548                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5549                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5550                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5551                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5552                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5553                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5554                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5555                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5556                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5557                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5558                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5559                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5560                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5561                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5562                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5563                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5564                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5565                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5566                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5567                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5568                                                     | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5569(FL)                                                 | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5570                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5571                                                     | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |

### IEEE 802.11ac(VHT80) Mode

|                                                           |                                                     |       |   |   |   |   |   |   |   |    |   |                    |
|-----------------------------------------------------------|-----------------------------------------------------|-------|---|---|---|---|---|---|---|----|---|--------------------|
| Detection Bandwidth test transmission                     |                                                     | 80M   |   |   |   |   |   |   |   |    |   |                    |
| EUT FREQUENCY                                             |                                                     | 5530M |   |   |   |   |   |   |   |    |   |                    |
| EUT power bandwidth                                       |                                                     | 75.2  |   |   |   |   |   |   |   |    |   |                    |
| Detection Bandwidth limit(100%of EUT 99% Power bandwidth) |                                                     | 76    |   |   |   |   |   |   |   |    |   |                    |
| Detection Bandwidth(5568(FH)-5492(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 |   |                    |
| 5489                                                      | 0                                                   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0                  |
| 5490                                                      | 0                                                   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0                  |
| 5491                                                      | 0                                                   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0                  |
| 5492(FL)                                                  | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5493                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5494                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5495                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5496                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5497                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5498                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5499                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5500                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5501                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5502                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5503                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5504                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5505                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5506                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5507                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5508                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5509                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5510                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5511                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5512                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5513                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5514                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5515                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5516                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5517                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5518                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5519                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5520                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5521                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5522                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5523                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5524                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5525                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5526                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5527                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5528                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5529                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5530                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5531                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5532                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5533                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5534                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5535                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5536                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5537                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5538                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5539                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5540                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5541                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5542                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5543                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5544                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5545                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5546                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5547                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5548                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5549                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5550                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5551                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5552                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5553                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5554                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5555                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5556                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5557                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5558                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |
| 5559                                                      | 1                                                   | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1 | 100                |

|          |   |   |   |   |   |   |   |   |   |   |     |
|----------|---|---|---|---|---|---|---|---|---|---|-----|
| 5560     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5561     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5562     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5563     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5564     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5565     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5566     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5567     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5568(FH) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5569     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   |
| 5570     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   |
| 5571     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   |

### IEEE 802.11ax(HE20) Mode

| Detection Bandwidth test transmission 20M                 |                                                     |         |   |   |    |   |   |   |   |    |                    |  |
|-----------------------------------------------------------|-----------------------------------------------------|---------|---|---|----|---|---|---|---|----|--------------------|--|
| EUT FREQUENCY                                             |                                                     | 5500M   |   |   |    |   |   |   |   |    |                    |  |
| EUT power bandwidth                                       |                                                     | 19.1MHz |   |   |    |   |   |   |   |    |                    |  |
| Detection Bandwidth limit(100%of EUT 99% Power bandwidth) |                                                     |         |   |   |    |   |   |   |   | 20 |                    |  |
| Detection Bandwidth(5510(FH)-5490(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 |                    |  |
| 5489                                                      | 0                                                   | 0       | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0  | 0                  |  |
| 5490(FL)                                                  | 0                                                   | 0       | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0  | 0                  |  |
| 5491                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5492                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5493                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5494                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5495                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5496                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5497                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5498                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5499                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5500                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5501                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5502                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5503                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5504                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5505                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5506                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5507                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5508                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5509                                                      | 1                                                   | 1       | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1  | 100                |  |
| 5510(FH)                                                  | 0                                                   | 0       | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0  | 0                  |  |
| 5511                                                      | 0                                                   | 0       | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0  | 0                  |  |

## 9. EUT TEST PHOTO



## End of Test Report