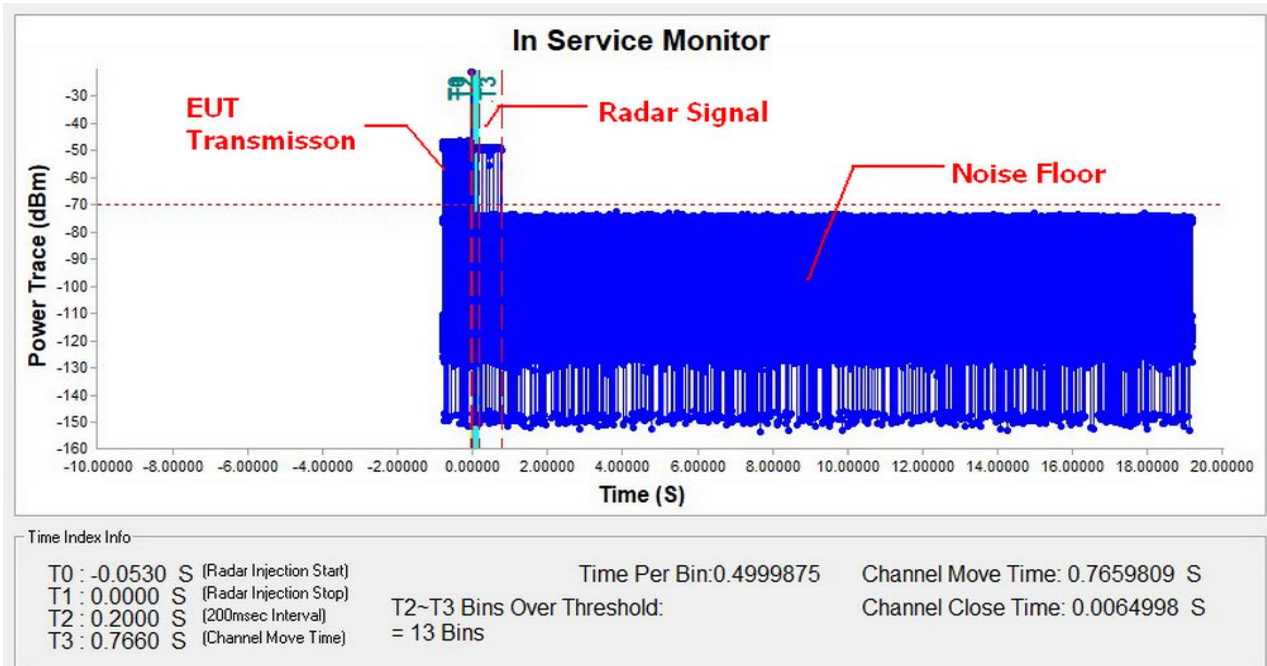


TX (11ax 80MHz Mode )

Radar signal 0

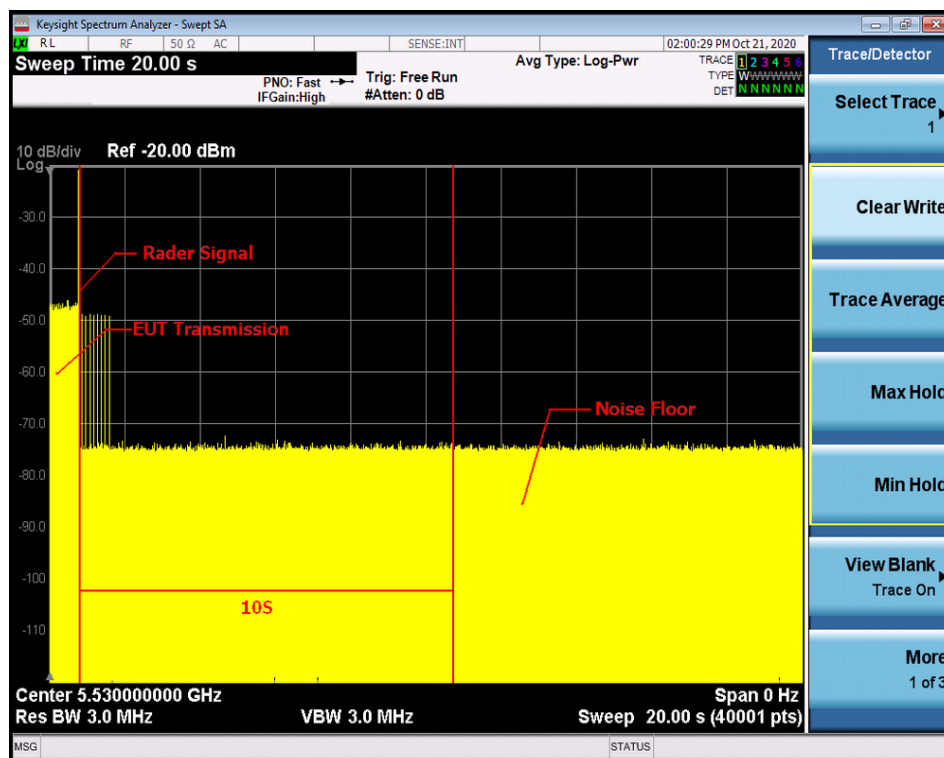


**Note:** T0 denotes the Radar Injection Start.

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

| 11ac 20MHz Mode    |                   |                                                                                     |
|--------------------|-------------------|-------------------------------------------------------------------------------------|
| Item               | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time  | 0.7399815         | 10                                                                                  |
| Channel Close Time | 0.0064998         | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

| 11ac 40MHz Mode    |                   |                                                                                     |
|--------------------|-------------------|-------------------------------------------------------------------------------------|
| Item               | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time  | 0.7689808         | 10                                                                                  |
| Channel Close Time | 0.0069908         | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

| 11ac 80MHz Mode    |                   |                                                                                     |
|--------------------|-------------------|-------------------------------------------------------------------------------------|
| Item               | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time  | 0.8379791         | 10                                                                                  |
| Channel Close Time | 0.0069908         | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

| 11ax 80MHz Mode    |                   |                                                                                     |
|--------------------|-------------------|-------------------------------------------------------------------------------------|
| Item               | Measured Value(s) | Limit(s)                                                                            |
| Channel Move Time  | 0.7659809         | 10                                                                                  |
| Channel Close Time | 0.0064998         | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. |

## 5.6 STATISTICAL PERFORMANCE CHECK

TX (11 ac20 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                                                                                                                                | 29         | 1          | 97%                                    |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                    | 16-18                                                                                                                                | 30         | 0          | 100%                                   |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                                | 27         | 3          | 90%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                            | -                                                                                                                                    | 113        | 7          | 94%                                    |

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                            | 28         | 2          | 93%                                    |

| Radar type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type1      | 1       | YES       | 16      | NO        |
|            | 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      | YES       | 26      | NO        |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | NO        | 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      | 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       |

|       |    |     |    |     |
|-------|----|-----|----|-----|
| Type3 | 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 | NO  |
|       | 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 | 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 |

| 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      | NO        |
|            | 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  |
| 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       | NO        | 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       |

TX (11 ac 40MHz 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> | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 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                                                                                                                                | 27         | 3          | 90%                                    |
| 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             | 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                            | 29         | 1          | 97%                                    |

| Radar type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type1      | 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      | 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       | NO        | 22      | NO        |
|            | 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       |

|       |    |     |    |     |
|-------|----|-----|----|-----|
| Type3 | 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 | NO  | 26 | YES |
|       | 12 | NO  | 27 | YES |
|       | 13 | YES | 28 | YES |
|       | 14 | YES | 29 | YES |
|       | 15 | YES | 30 | YES |
| Type4 | 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 | NO  | 25 | YES |
|       | 11 | NO  | 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       | NO        | 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      | 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  |
| Type6      | 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       |

TX (11ac 80MHz 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 | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 29         | 1          | 97%                                    |
| 2                           | 1-5                | 150-230                                                                                                                                                                                                                                                    | 23-29                                                                                                                                | 30         | 0          | 100%                                   |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                    | 16-18                                                                                                                                | 29         | 1          | 97%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                    | 12-16                                                                                                                                | 29         | 1          | 97%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                            | -                                                                                                                                    | 117        | 3          | 98%                                    |

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                            | 28         | 2          | 93%                                    |

| 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      | 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      | 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      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

|       |    |     |    |     |
|-------|----|-----|----|-----|
| Type3 | 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  | 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 |
| Type4 | 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 | 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 |

| 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      | 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  |
| 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      | 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 (11ax 80MHz 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                                                                                                                                | 30         | 0          | 100%                                   |
| 3                           | 6-10               | 200-500                                                                                                                                                                                                                                                               | 16-18                                                                                                                                | 29         | 1          | 97%                                    |
| 4                           | 11-20              | 200-500                                                                                                                                                                                                                                                               | 12-16                                                                                                                                | 29         | 1          | 97%                                    |
| Aggregate (Radar Types 1-4) |                    |                                                                                                                                                                                                                                                                       | -                                                                                                                                    | 117        | 3          | 98%                                    |

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                            | 28         | 2          | 93%                                    |

| 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      | 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      | 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      | YES       |
|            | 12      | YES       | 27      | YES       |
|            | 13      | YES       | 28      | YES       |
|            | 14      | YES       | 29      | YES       |
|            | 15      | YES       | 30      | YES       |

|       |    |     |    |     |
|-------|----|-----|----|-----|
| Type3 | 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  | 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 |
| Type4 | 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 | 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 |

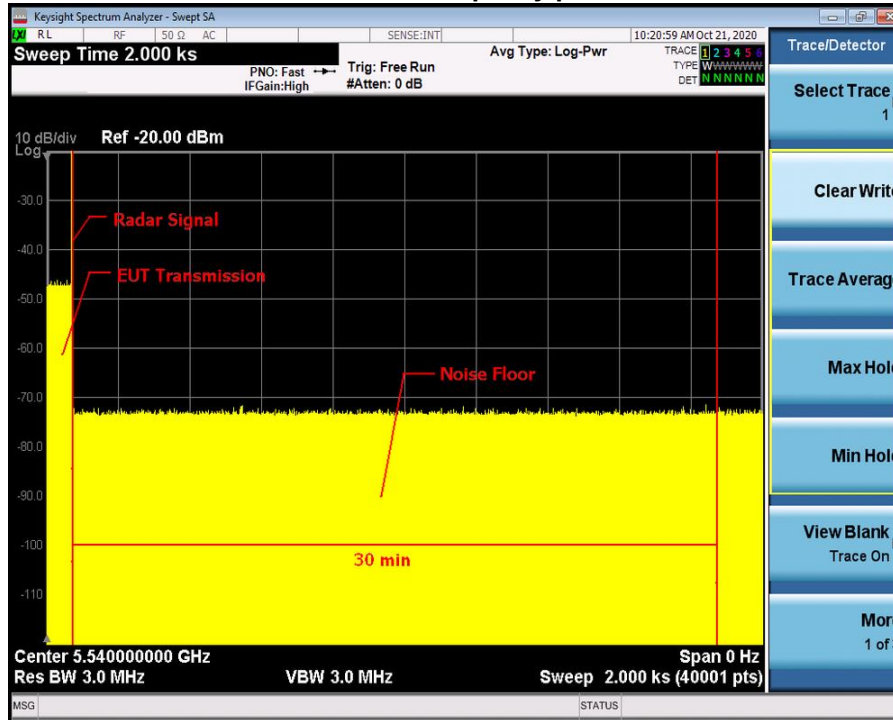
| Radar type | Trial # | Detection | Trial # | Detection |
|------------|---------|-----------|---------|-----------|
|            |         | YES / NO  |         | YES / NO  |
| Type5      | 1       | YES       | 16      | YES       |
|            | 2       | YES       | 17      | YES       |
|            | 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      | 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  |
| 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      | 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       |

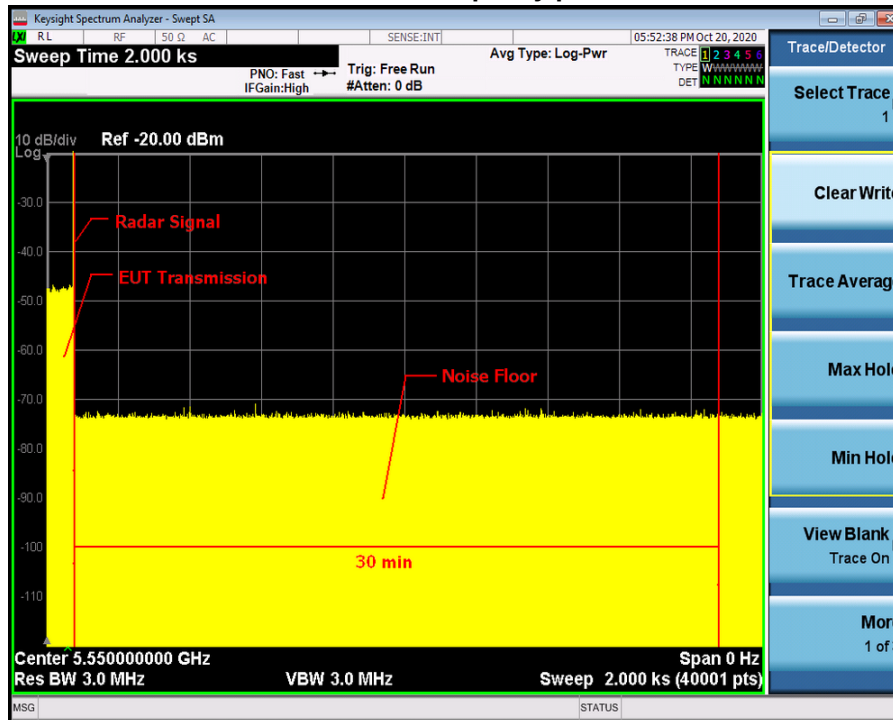
### 5.7 NON- OCCUPANCY PERIOD

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.

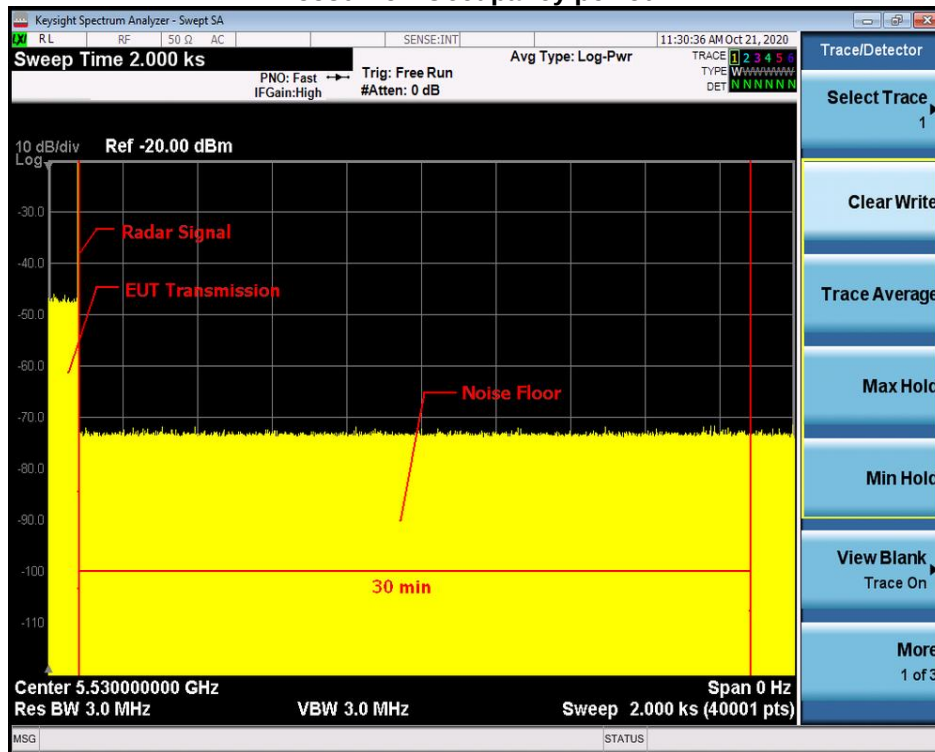
**TX (11a Mode)  
5540 Non-Occupancy perrod**



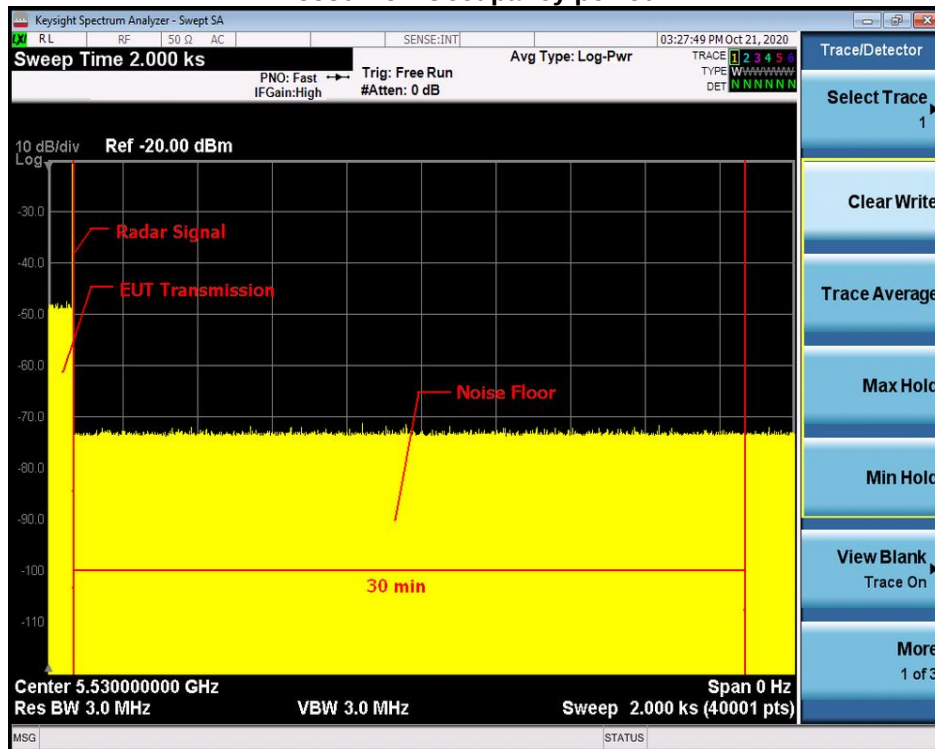
**TX (11n 40MHz Mode)  
5550 Non-Occupancy perrod**



## TX (11ac 80MHz Mode) 5530 Non-Occupancy period



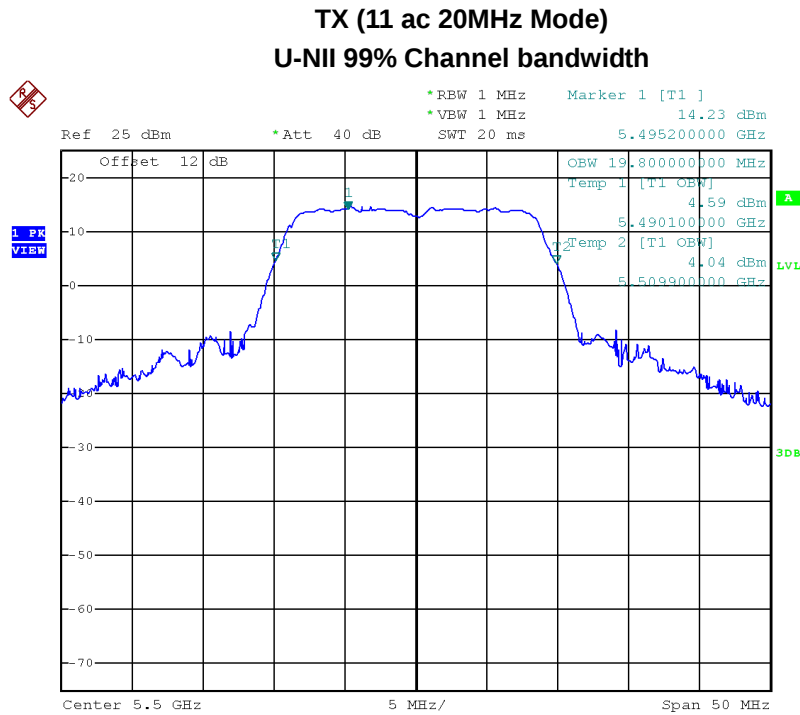
## TX (11ax 80MHz Mode) 5530 Non-Occupancy period



## 5.8 UNIFORM SPREADING

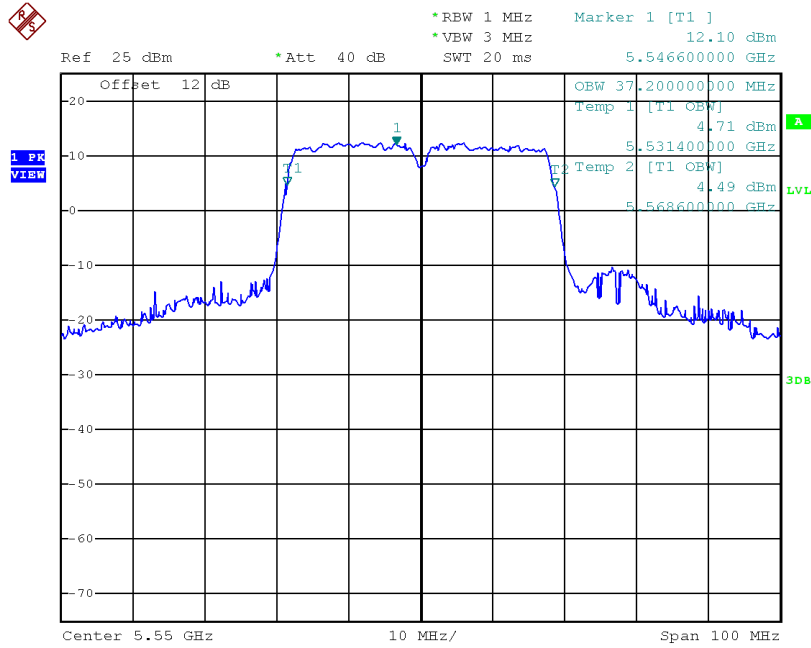
The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The UUT using the bands 5250 to 5350MHz and 5470 to 5600 MHz channels so that the probability of selecting a given channel shall be the same for channels. The UUT will select channel by random mode and remember this channel when detect radar signal, so that will select unused channel by random mode.

## 5.9 U-NII DETECTION BANDWIDTH



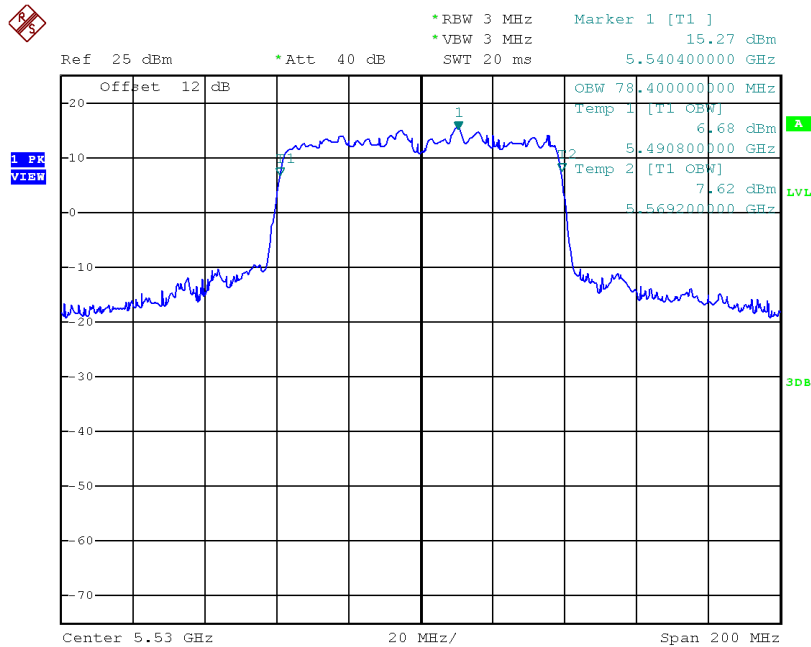
Date: 10.OCT.2020 17:44:52

## TX (11ac 40MHz Mode) U-NII 99% Channel bandwidth



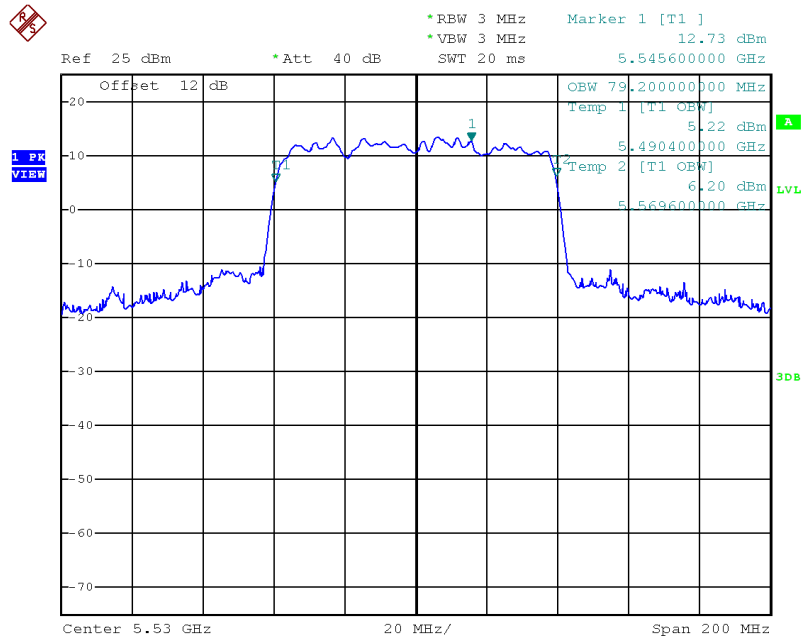
Date: 10.OCT.2020 18:23:54

## TX (11ac 80MHz Mode) U-NII 99% Channel bandwidth



Date: 10.OCT.2020 18:53:05

## TX (11 ax 80MHz Mode) U-NII 99% Channel bandwidth



Date: 12.OCT.2020 12:47:05

## 11ac 20MHz Mode

| Detection Bandwidth test transmission 20M             |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| EUT FREQUENCY                                         | 5540M                                               |   |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                   | 19.8MHz                                             |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth limit(100%of EUT 99% Power bandw) | 18                                                  |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth                                   | 5531(FH)-5549(FH)                                   |   |   |   |   |   |   |   |   |    |                    |
| 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 |                    |
| 5528                                                  | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5529                                                  | 1                                                   | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 30                 |
| 5530                                                  | 1                                                   | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1  | 60                 |
| 5531(FH)                                              | 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(FH)                                              | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5550                                                  | 0                                                   | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1  | 60                 |
| 5551                                                  | 0                                                   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1  | 40                 |

## 11ac 40MHz Mode

| Detection Bandwidth test transmission 40M                 |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| EUT FREQUENCY                                             | 5550M                                               |   |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                       | 37.2 MHz                                            |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth limit(100%of EUT 99% Power bandwidth) | 36                                                  |   |   |   |   |   |   |   |   |    |                    |
| Detection Bandwidth(5569(FH)-5531(FL))                    | 36                                                  |   |   |   |   |   |   |   |   |    |                    |
| 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 |                    |
| 5528                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5529                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5530                                                      | 1                                                   | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1  | 30                 |
| 5531                                                      | 1                                                   | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1  | 60                 |
| 5532(FL)                                                  | 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(FH)                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5569                                                      | 1                                                   | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0  | 50                 |
| 5570                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1  | 10                 |
| 5571                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5572                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |

## 11ac 80MHz Mode

| Detection Bandwidth test transmission 80M                 |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| EUT FREQUENCY                                             | 5530M                                               |   |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                       | 78.4 MHz                                            |   |   |   |   |   |   |   |   |    |                    |
| 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 |                    |
| 5488                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5489                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1  | 10                 |
| 5490                                                      | 1                                                   | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0  | 50                 |
| 5491                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5492(FL)                                                  | 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                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5511                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5512                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5513                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5514                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5515                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5516                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5517                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5518                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5519                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5520                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5521                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5522                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5523                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5524                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5525                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5526                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5527                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5528                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5529                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5530                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5531                                                      | 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 | 1  | 100 |
| 5561     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5562     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5563     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5564     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5565     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5566     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5567     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5568(FH) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100 |
| 5569     | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1  | 70  |
| 5570     | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 40 |     |
| 5571     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 |     |
| 5572     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |     |

## 11ax 80MHz Mode

| Detection Bandwidth test transmission 80M                 |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| EUT FREQUENCY                                             | 5530M                                               |   |   |   |   |   |   |   |   |    |                    |
| EUT power bandwidth                                       | 79.2 MHz                                            |   |   |   |   |   |   |   |   |    |                    |
| 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 |                    |
| 5488                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5489                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5490                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5491                                                      | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1  | 30                 |
| 5492(FL)                                                  | 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                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5511                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5512                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5513                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5514                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5515                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5516                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5517                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5518                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5519                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5520                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5521                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5522                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5523                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5524                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5525                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5526                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5527                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5528                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5529                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5530                                                      | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5531                                                      | 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 | 1 | 100 |
| 5561     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5562     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5563     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5564     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5565     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5566     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5567     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5568(FH) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5569     | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 40  |
| 5570     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   |
| 5571     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   |
| 5572     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   |

## 6. EUT TEST PHOTO



**End of Test Report**