

## Appendix G: Peak Power Spectral Density

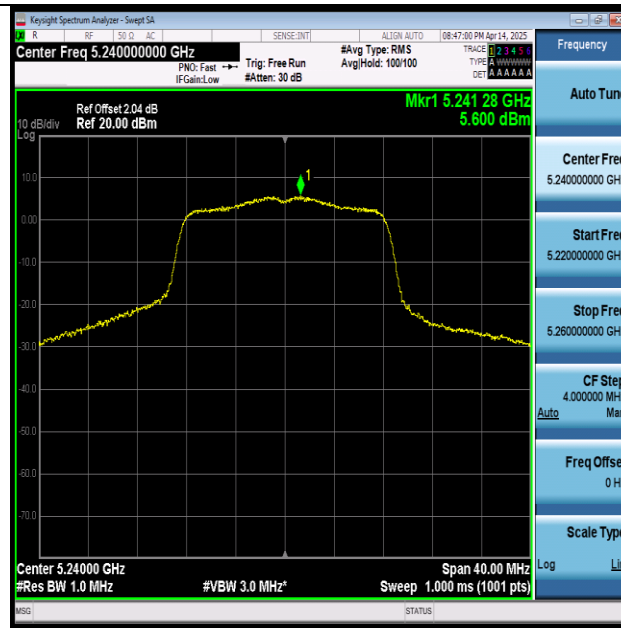
| TestMode   | Antenna | Frequency [MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------------|------------------|----------------|---------|
| 11A        | Ant1    | 5180            | 3.62             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5200            | 4.99             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5240            | 5.60             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5745            | 2.03             | ≤30.00         | PASS    |
| 11A        | Ant1    | 5785            | 3.29             | ≤30.00         | PASS    |
| 11A        | Ant1    | 5825            | 2.99             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5180            | 2.86             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5200            | 4.14             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5240            | 5.01             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5745            | 1.05             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5785            | 1.99             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5825            | 2.35             | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5190            | 0.55             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5230            | 1.96             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5755            | -2.24            | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5795            | -1.48            | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5180            | 3.00             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5200            | 4.24             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5240            | 4.98             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5745            | 0.89             | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5785            | 1.42             | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5825            | 2.28             | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5190            | 0.58             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5230            | 2.20             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5755            | -2.08            | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5795            | -1.37            | ≤30.00         | PASS    |
| 11AC80SISO | Ant1    | 5210            | -1.97            | ≤11.00         | PASS    |
| 11AC80SISO | Ant1    | 5775            | -4.93            | ≤30.00         | PASS    |
| 11AX20SISO | Ant1    | 5180            | 3.19             | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5200            | 4.27             | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5240            | 5.02             | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5745            | 1.40             | ≤30.00         | PASS    |
| 11AX20SISO | Ant1    | 5785            | 1.98             | ≤30.00         | PASS    |
| 11AX20SISO | Ant1    | 5825            | 2.79             | ≤30.00         | PASS    |
| 11AX40SISO | Ant1    | 5190            | 0.20             | ≤11.00         | PASS    |
| 11AX40SISO | Ant1    | 5230            | 1.83             | ≤11.00         | PASS    |
| 11AX40SISO | Ant1    | 5755            | -2.32            | ≤30.00         | PASS    |
| 11AX40SISO | Ant1    | 5795            | -1.46            | ≤30.00         | PASS    |
| 11AX80SISO | Ant1    | 5210            | -2.05            | ≤11.00         | PASS    |
| 11AX80SISO | Ant1    | 5775            | -4.54            | ≤30.00         | PASS    |

Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





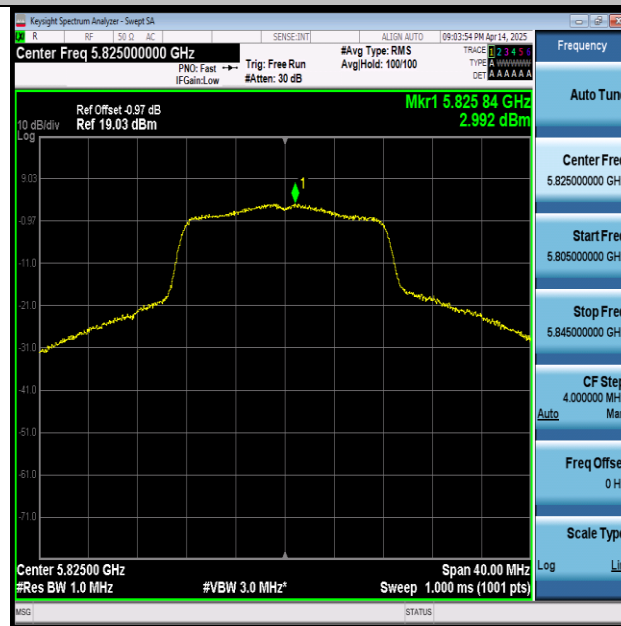
11A-Ant1-5240-PASS



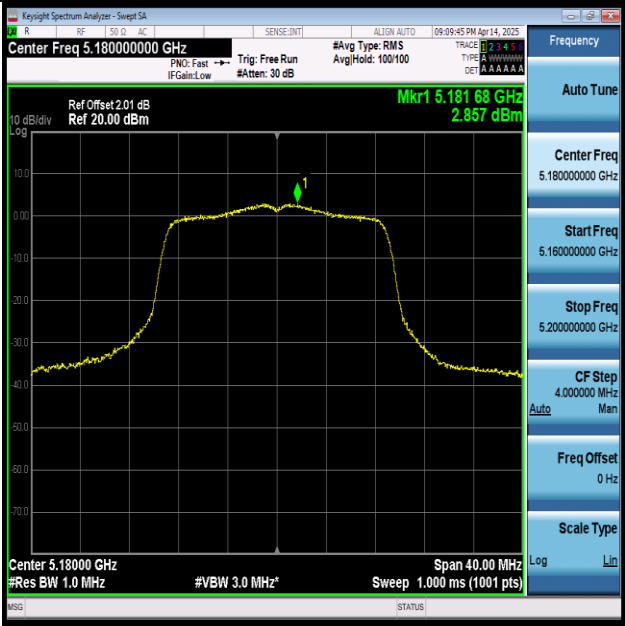
11A-Ant1-5745-PASS



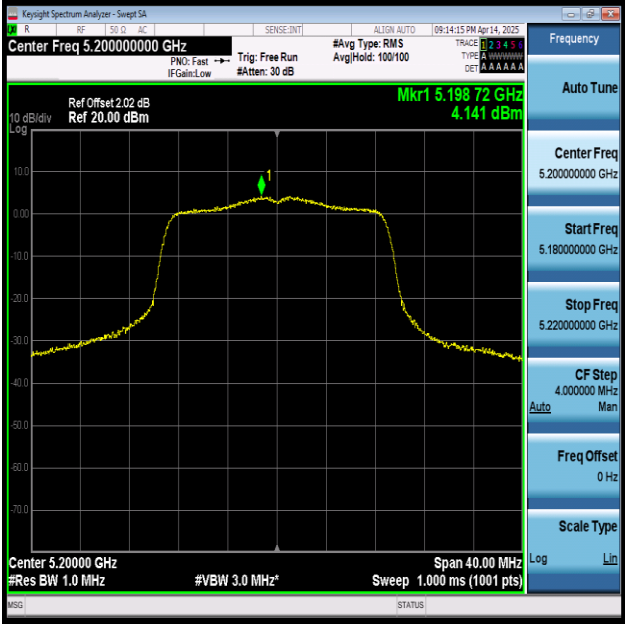
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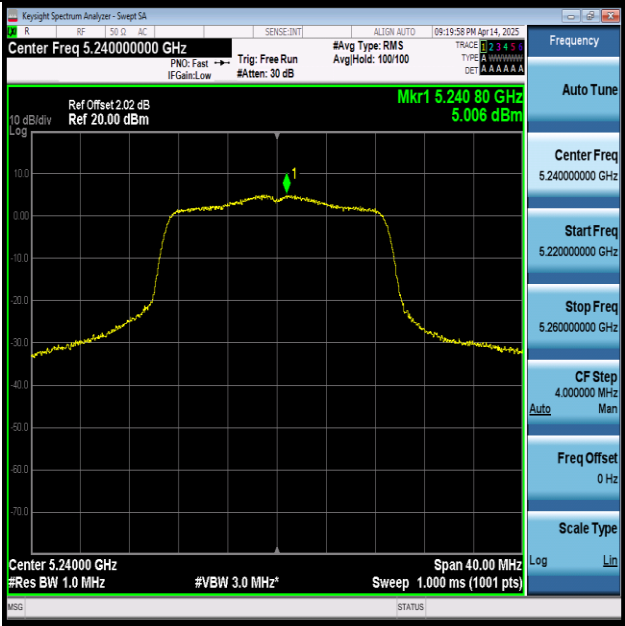
11A-Ant1-5825-PASS



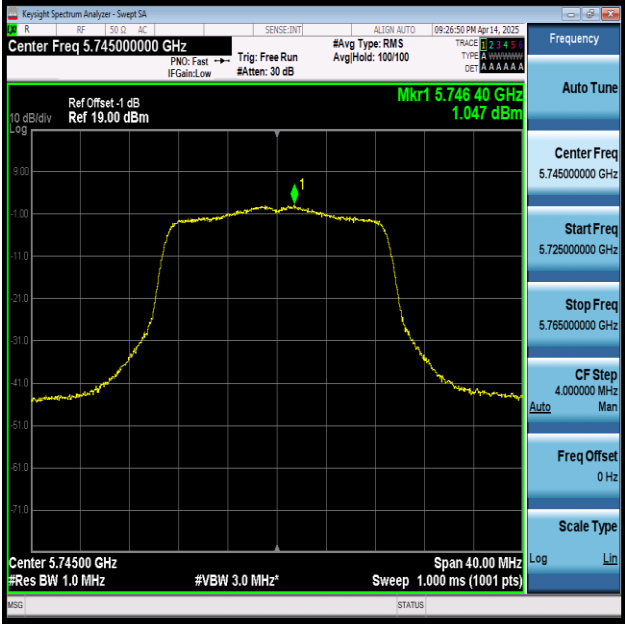
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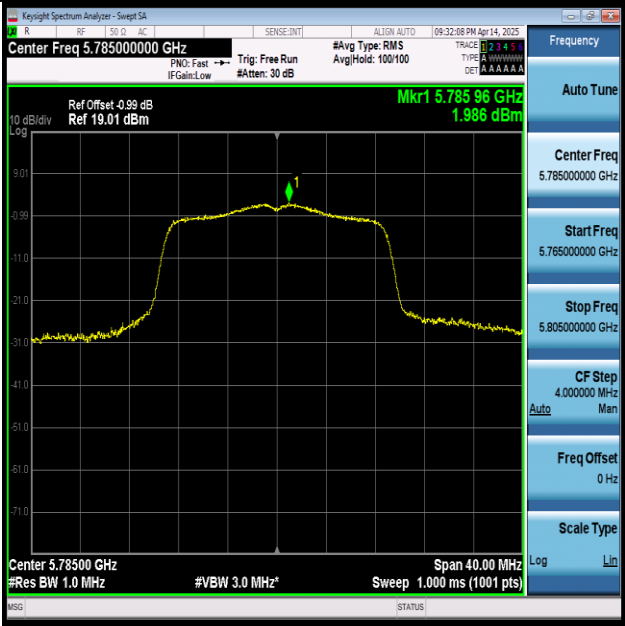
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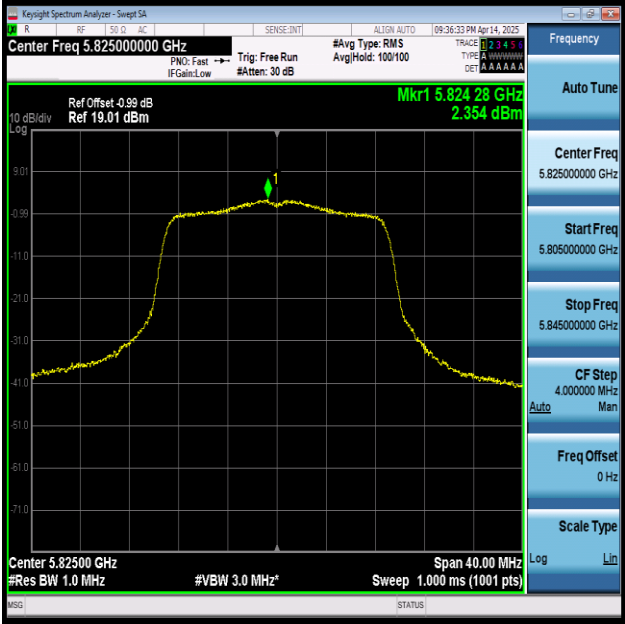
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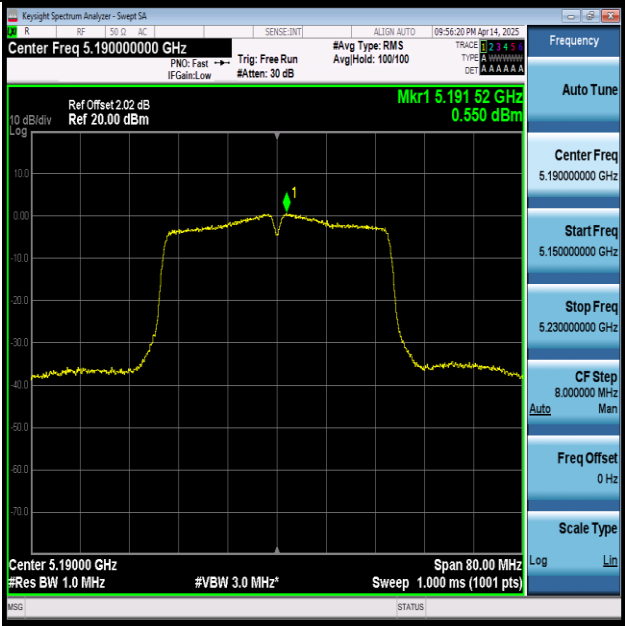
11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



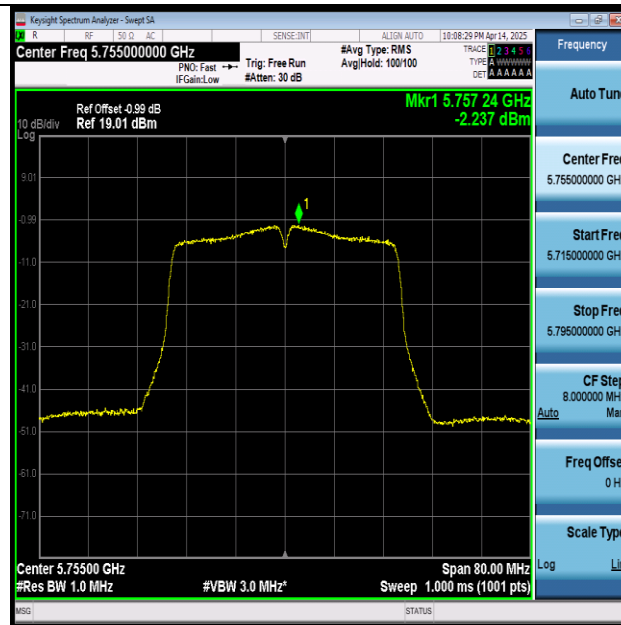
11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



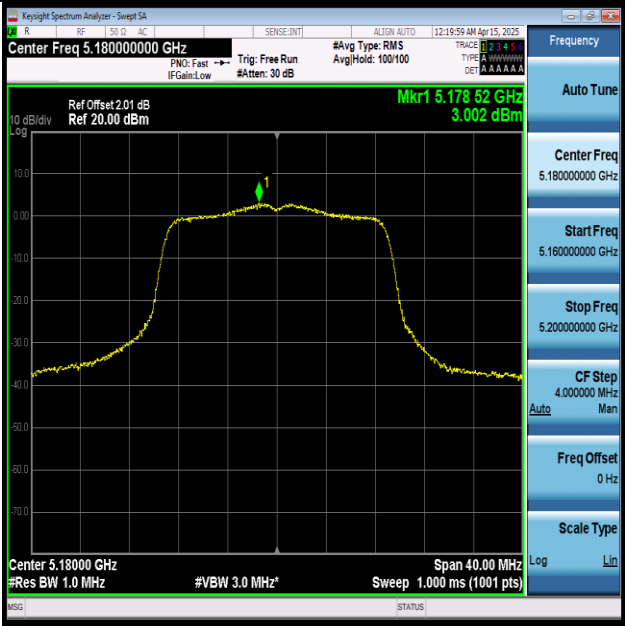
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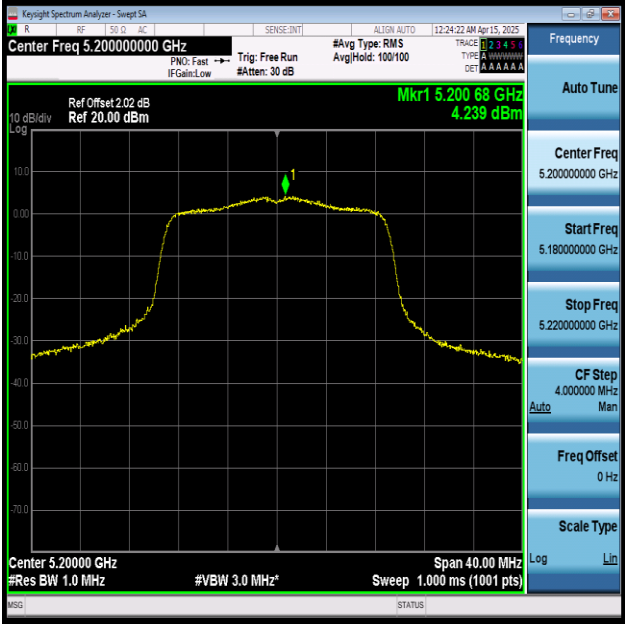
11N40SISO-Ant1-5755-PASS



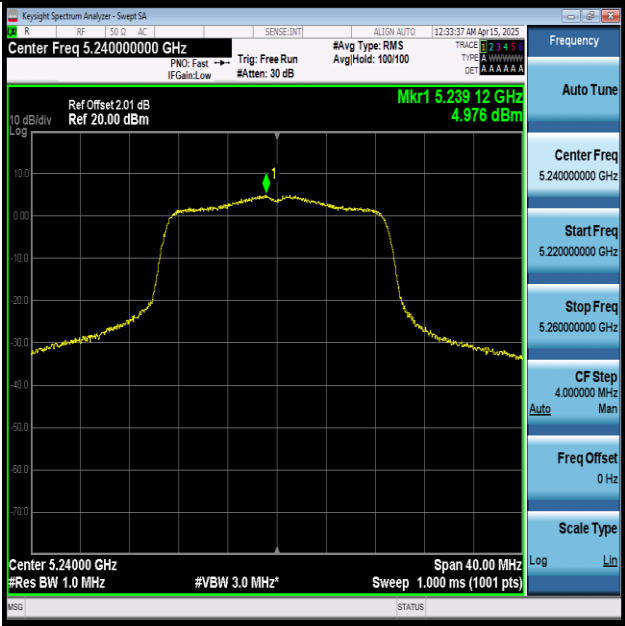
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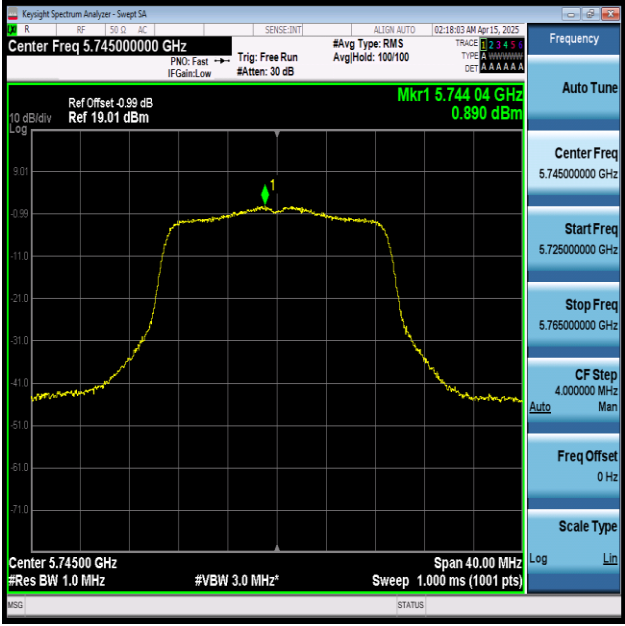
11AC20SISO-Ant1-5180-PASS



11AC20SISO-Ant1-5200-PASS



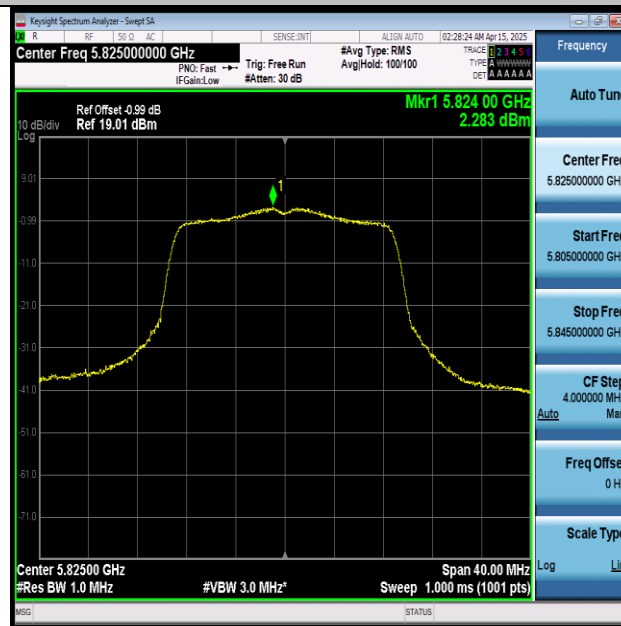
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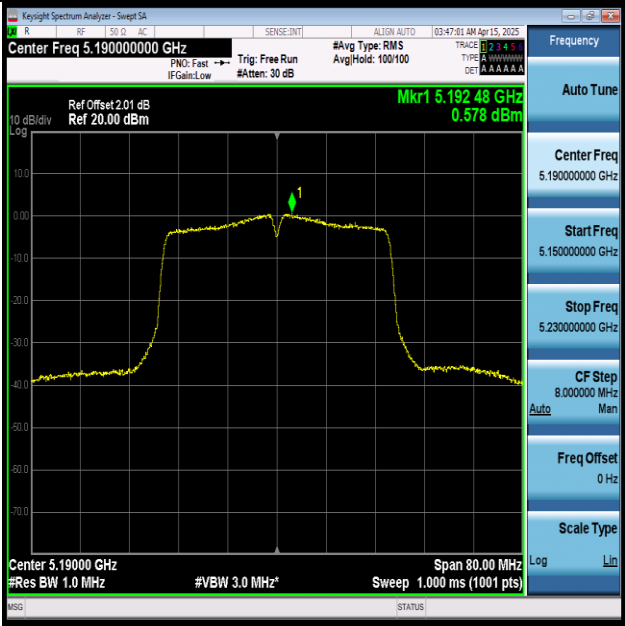
11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



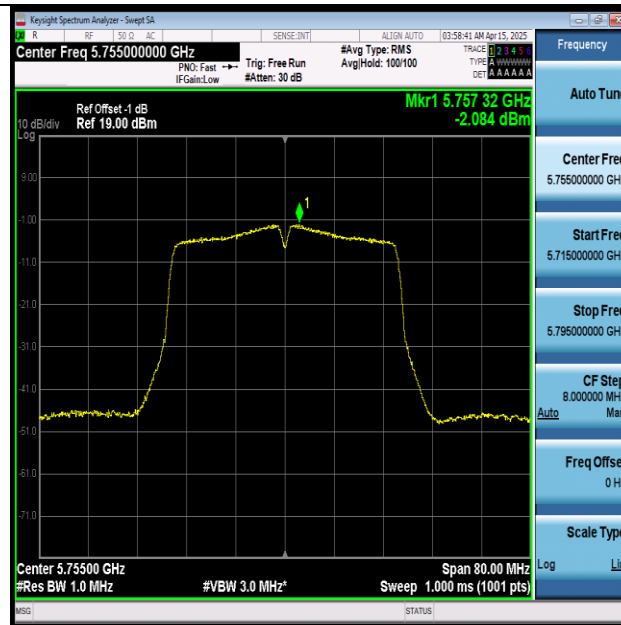
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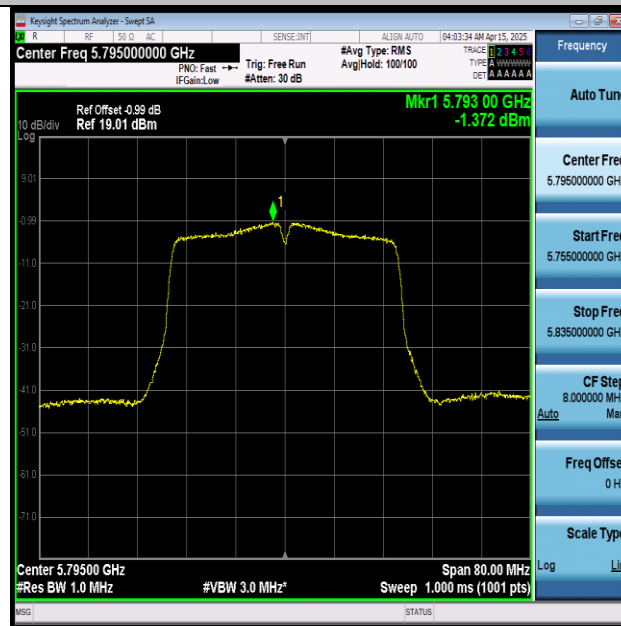
11AC40SISO-Ant1-5190-PASS



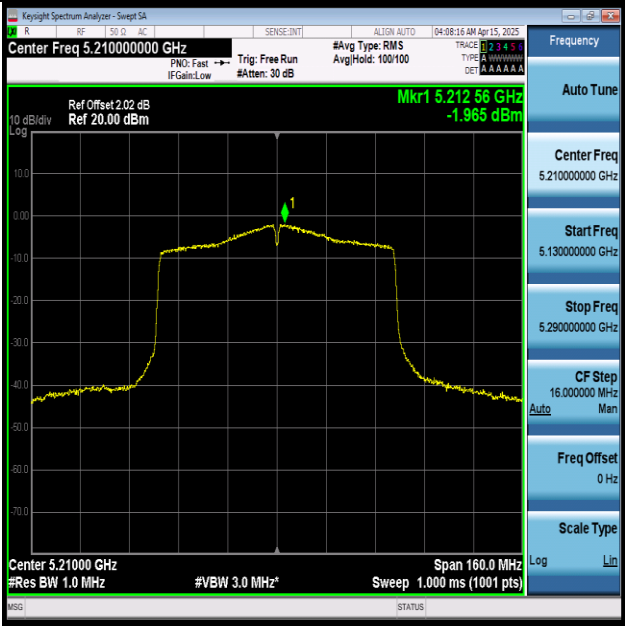
11AC40SISO-Ant1-5230-PASS



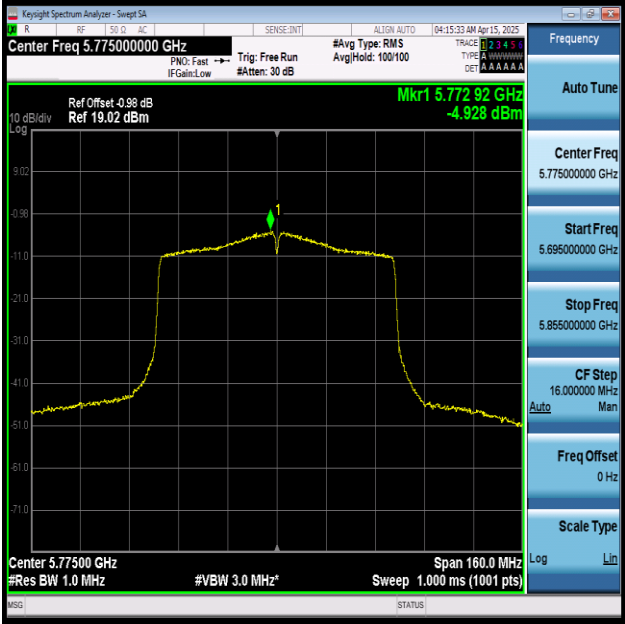
11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



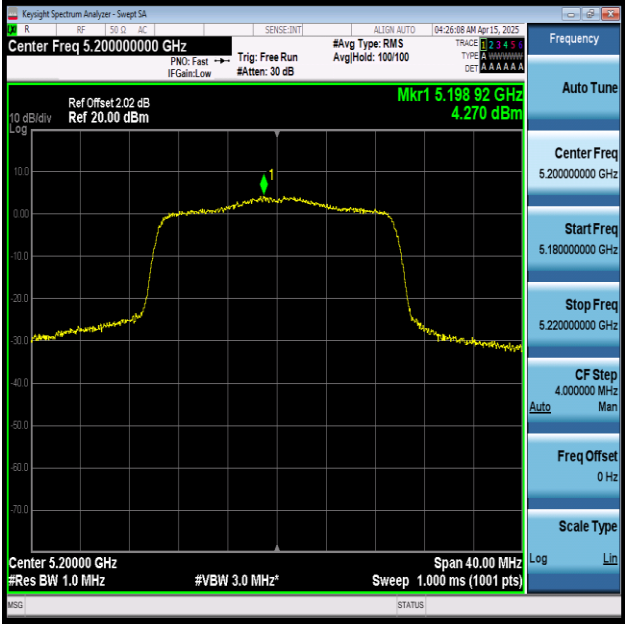
11AC80SISO-Ant1-5210-PASS



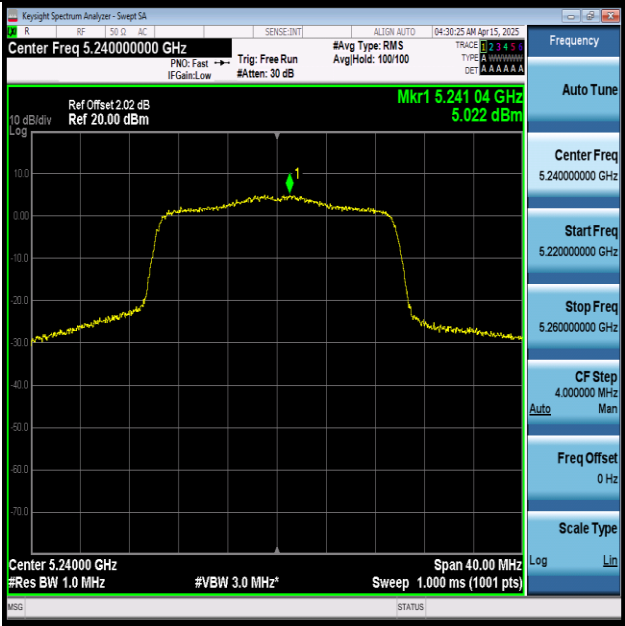
11AC80SISO-Ant1-5775-PASS



11AX20SISO-Ant1-5180-PASS



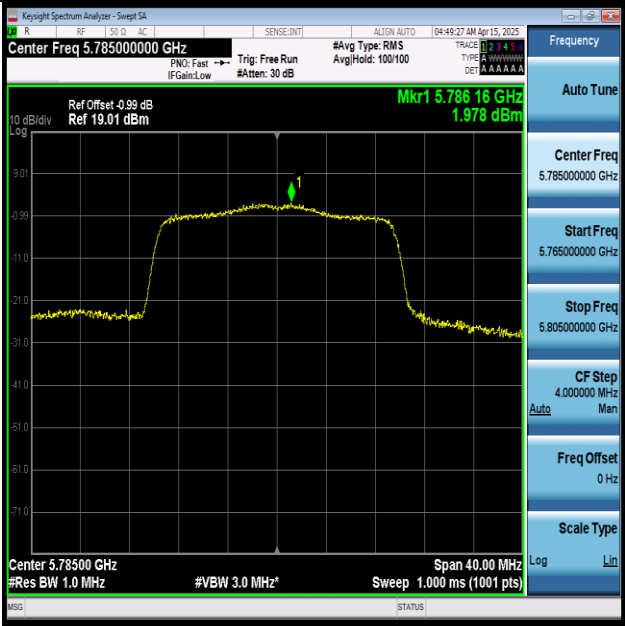
11AX20SISO-Ant1-5200-PASS



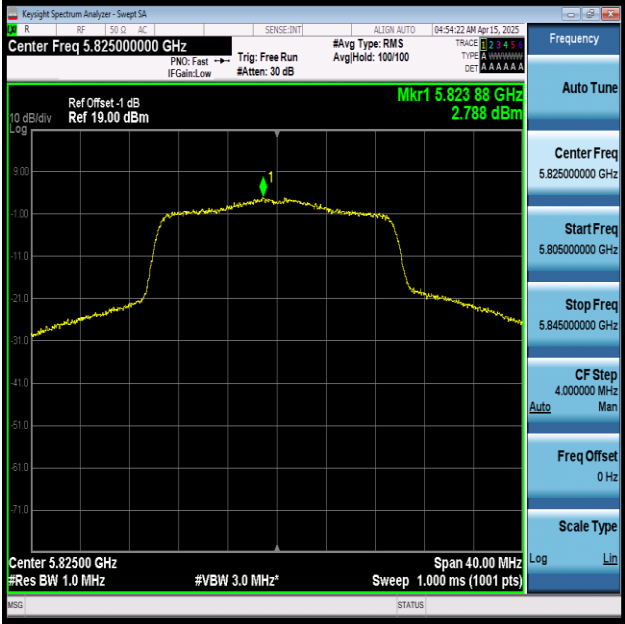
11AX20SISO-Ant1-5240-PASS



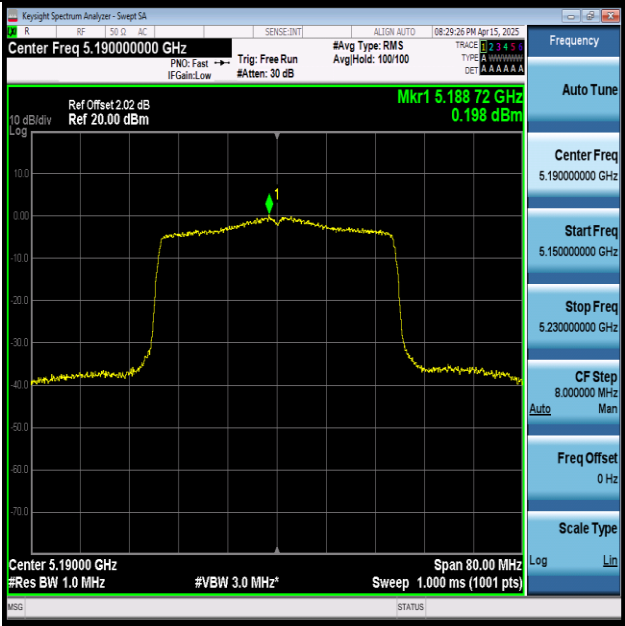
11AX20SISO-Ant1-5745-PASS



11AX20SISO-Ant1-5785-PASS



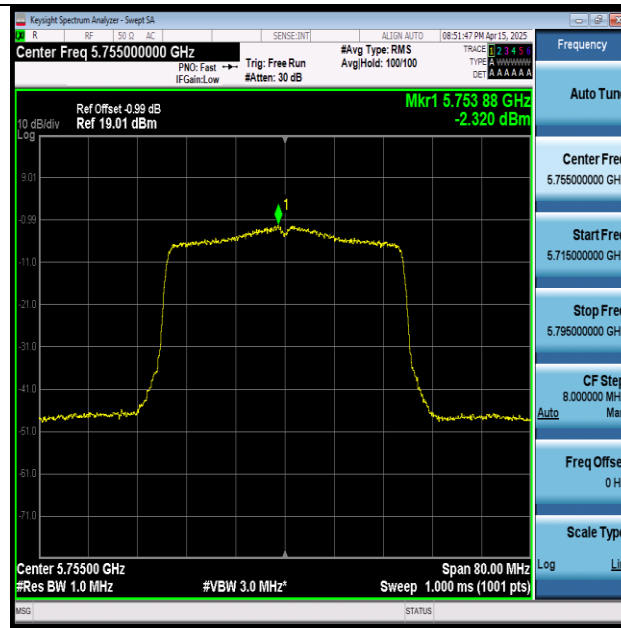
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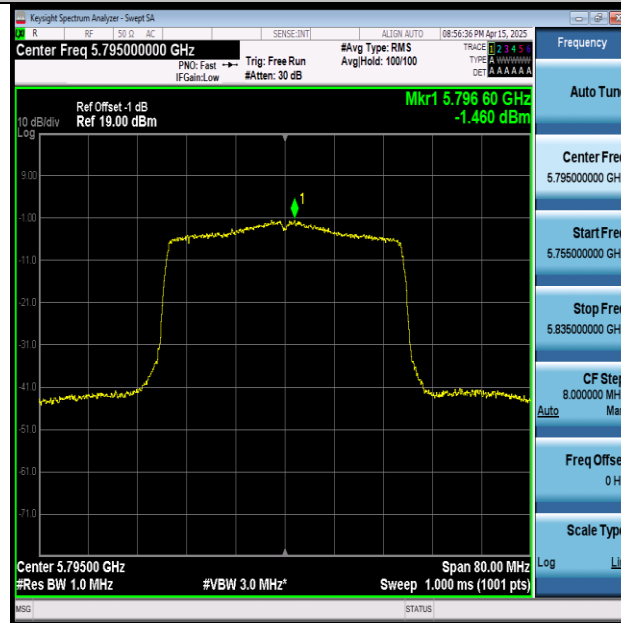
11AX40SiSO-Ant1-5190-PASS



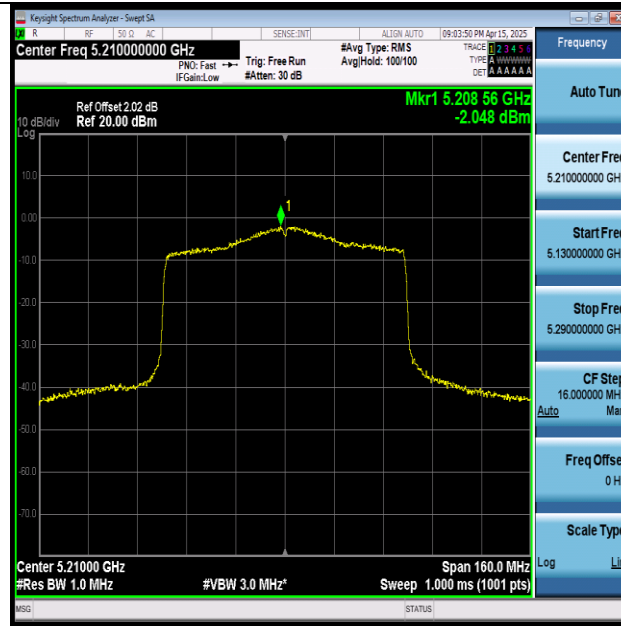
11AX40SiSO-Ant1-5230-PASS



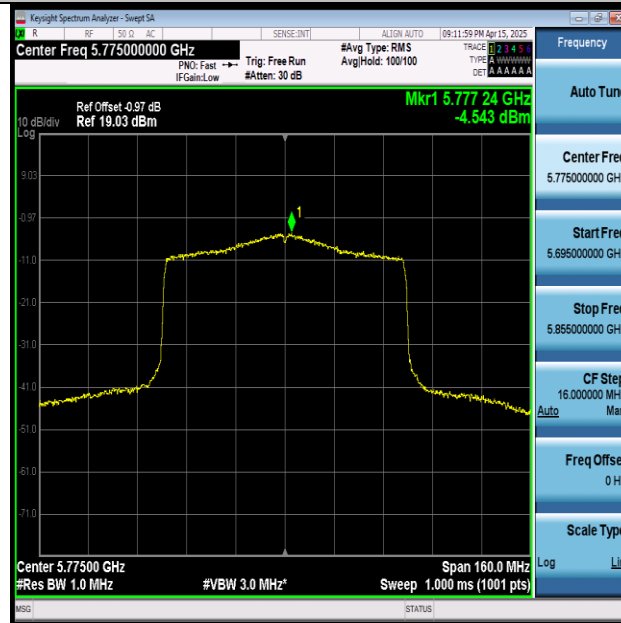
11AX40SiSO-Ant1-5755-PASS



11AX40SiSO-Ant1-5795-PASS



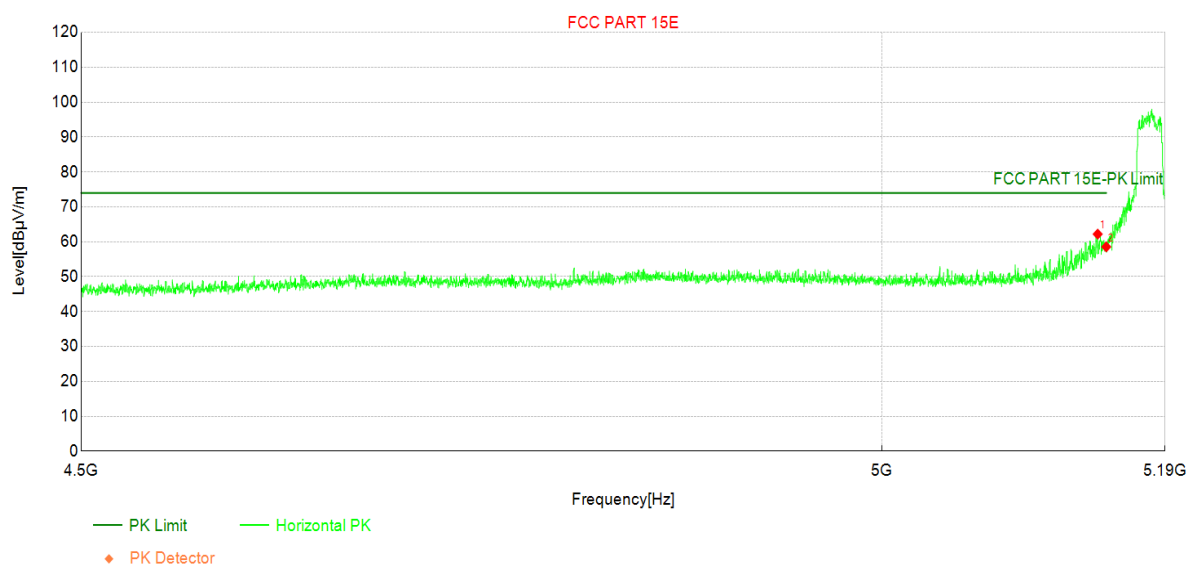
11AX80SISO-Ant1-5210-PASS



11AX80SISO-Ant1-5775-PASS

**Appendix H: Radiated Emission Band Edge****Test Report****Project Information**

|                |                                      |          |                  |
|----------------|--------------------------------------|----------|------------------|
| Profile:       | 2530770R                             | EUT:     | Smart Controller |
| Mode:          | Mode1:Transmit at 5180MHz by 802.11a | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25℃ ; Humi:60%                 | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                         |          |                  |

*Test Graph***Suspected Data List**

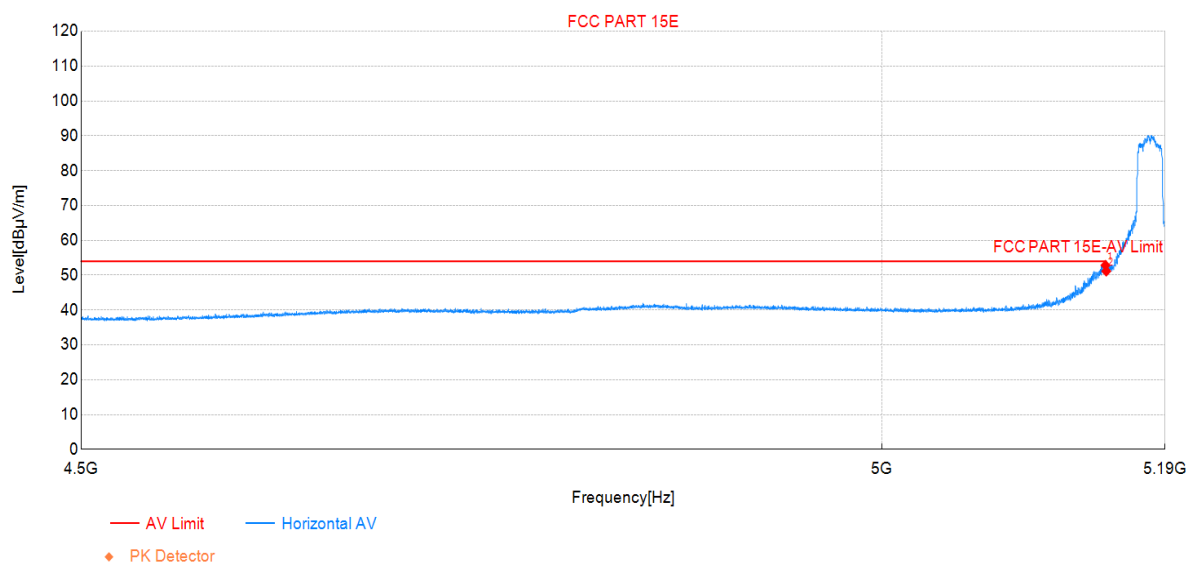
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5144.20         | 47.11          | 62.19          | 15.08         | 74.00          | 11.81       | PK  | Horizo | PASS    |
| 2  | 5150.00         | 43.43          | 58.54          | 15.11         | 74.00          | 15.46       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                      |          |                  |
|----------------|--------------------------------------|----------|------------------|
| Profile:       | 2530770R                             | EUT:     | Smart Controller |
| Mode:          | Mode1:Transmit at 5180MHz by 802.11a | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                         |          |                  |

### Test Graph



### Suspected Data List

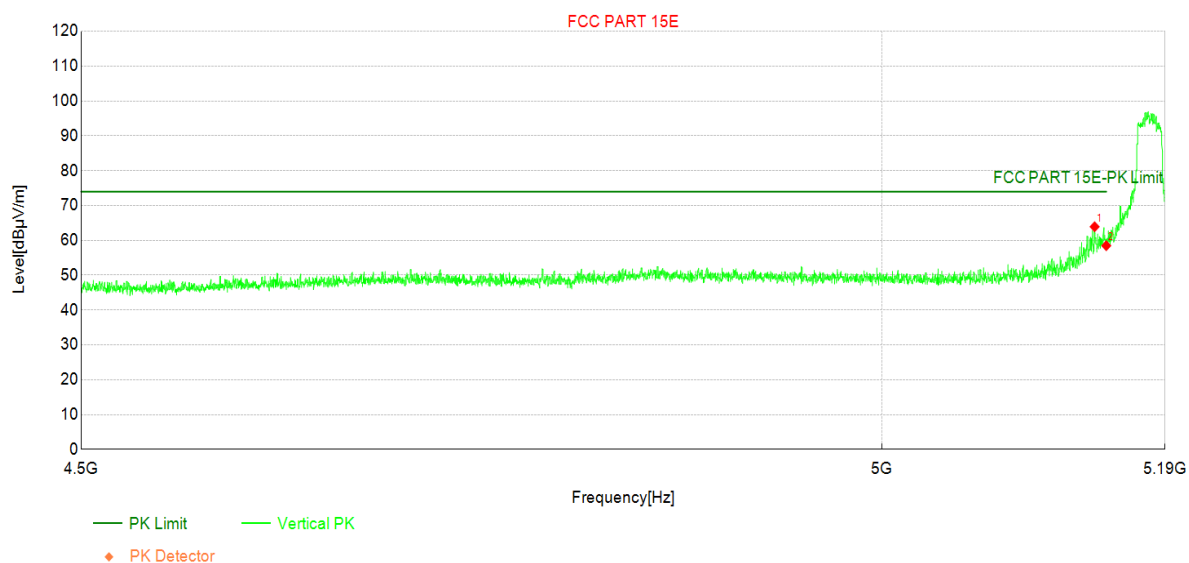
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5149.46         | 37.72          | 52.83          | 15.11         | 54.00          | 1.17        | AV  | Horizo | PASS    |
| 2  | 5150.00         | 36.04          | 51.15          | 15.11         | 54.00          | 2.85        | AV  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                      |          |                  |
|----------------|--------------------------------------|----------|------------------|
| Profile:       | 2530770R                             | EUT:     | Smart Controller |
| Mode:          | Mode1:Transmit at 5180MHz by 802.11a | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                         |          |                  |

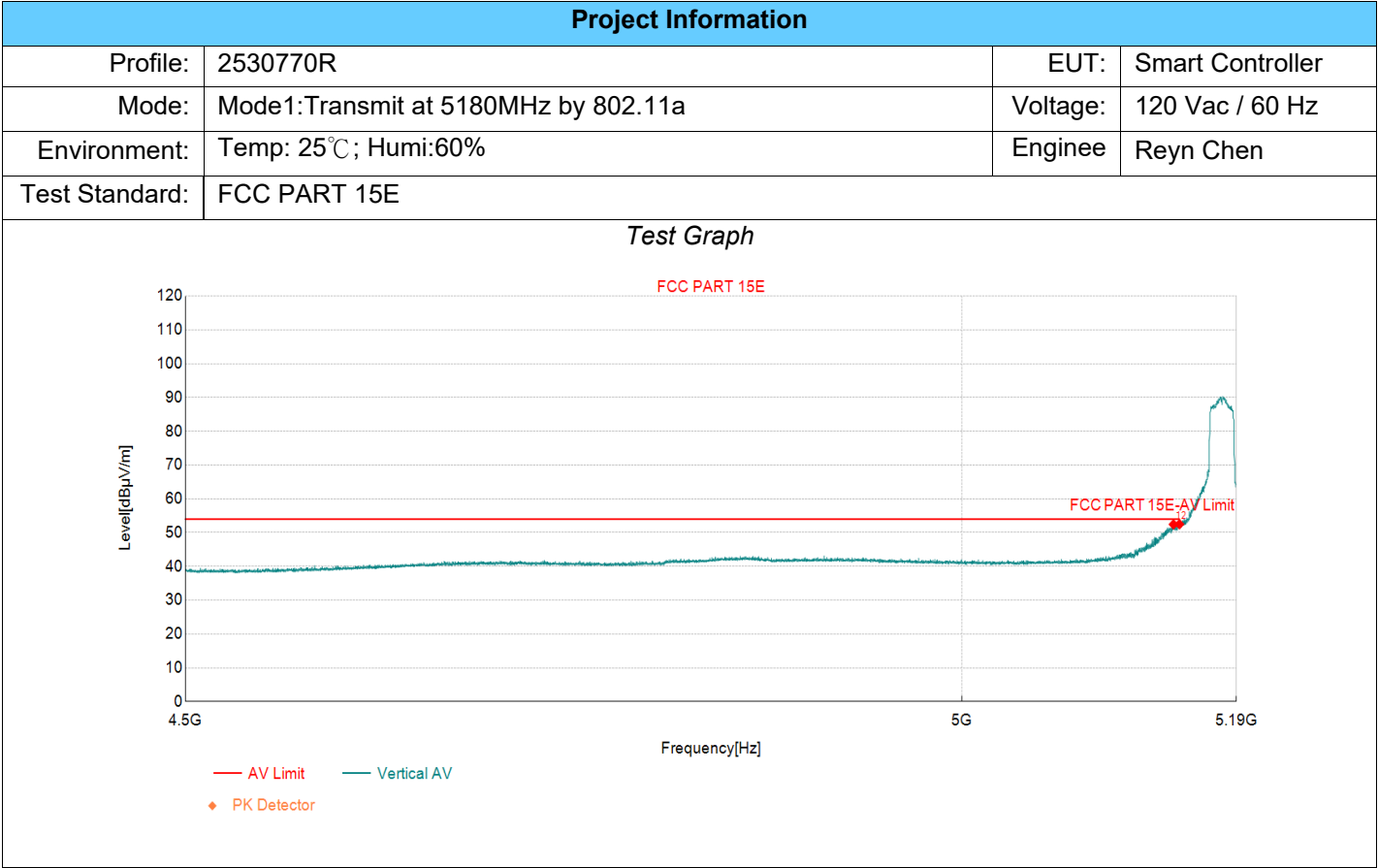
### Test Graph



### Suspected Data List

| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5142.13         | 48.84          | 63.90          | 15.06         | 74.00          | 10.10       | PK  | Vertic | PASS    |
| 2  | 5150.00         | 43.36          | 58.47          | 15.11         | 74.00          | 15.53       | PK  | Vertic | PASS    |

Test Report



Suspected Data List

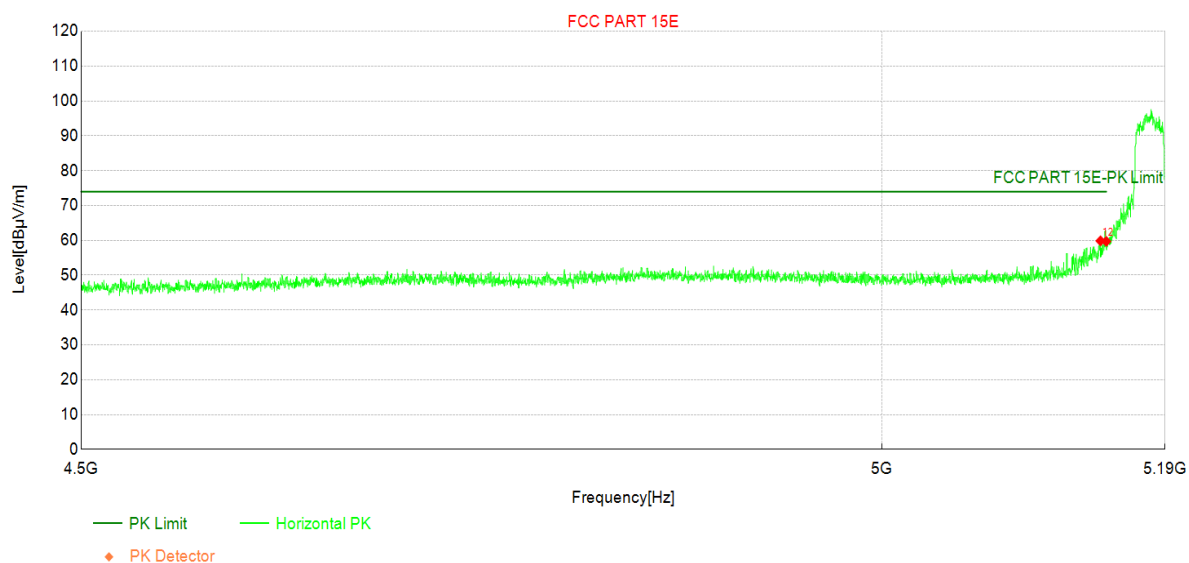
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5145.84         | 37.34          | 52.43          | 15.09         | 54.00          | 1.57        | AV  | Vertic | PASS    |
| 2  | 5150.00         | 37.37          | 52.48          | 15.11         | 54.00          | 1.52        | AV  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5180MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

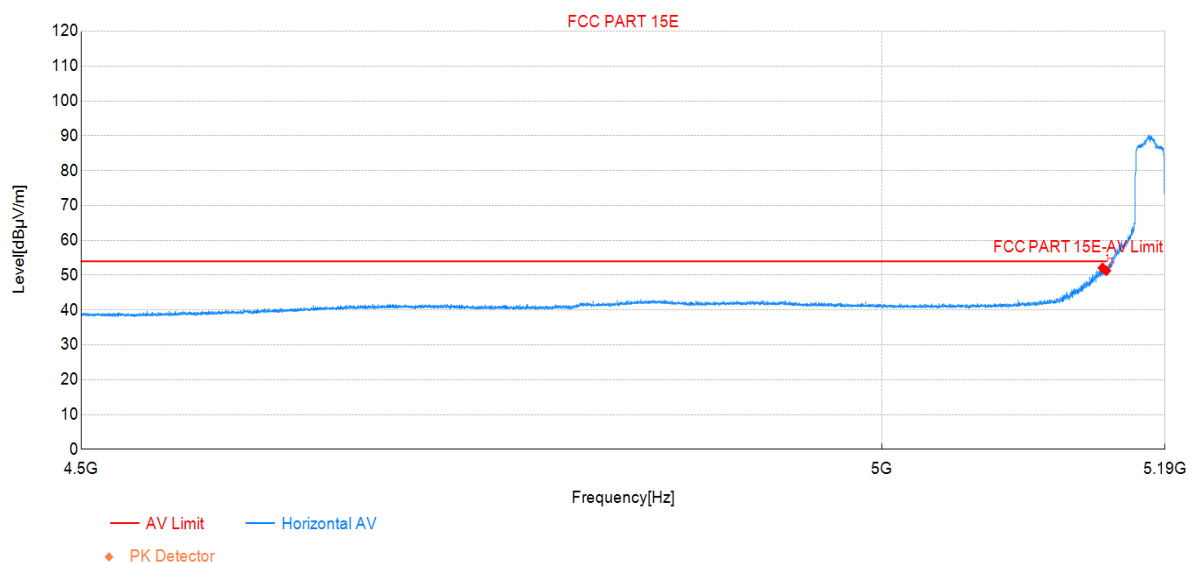
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5146.10         | 44.75          | 59.84          | 15.09         | 74.00          | 14.16       | PK  | Horizo | PASS    |
| 2  | 5150.00         | 44.60          | 59.71          | 15.11         | 74.00          | 14.29       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5180MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

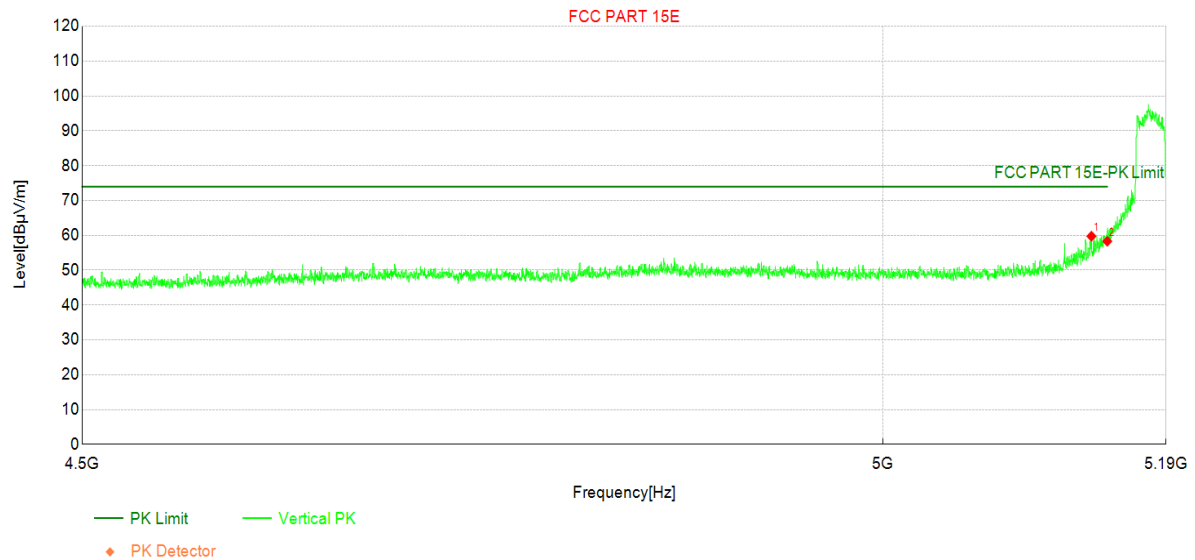
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5147.48         | 36.99          | 52.09          | 15.10         | 54.00          | 1.91        | AV  | Horizo | PASS    |
| 2  | 5150.00         | 36.17          | 51.28          | 15.11         | 54.00          | 2.72        | AV  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5180MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

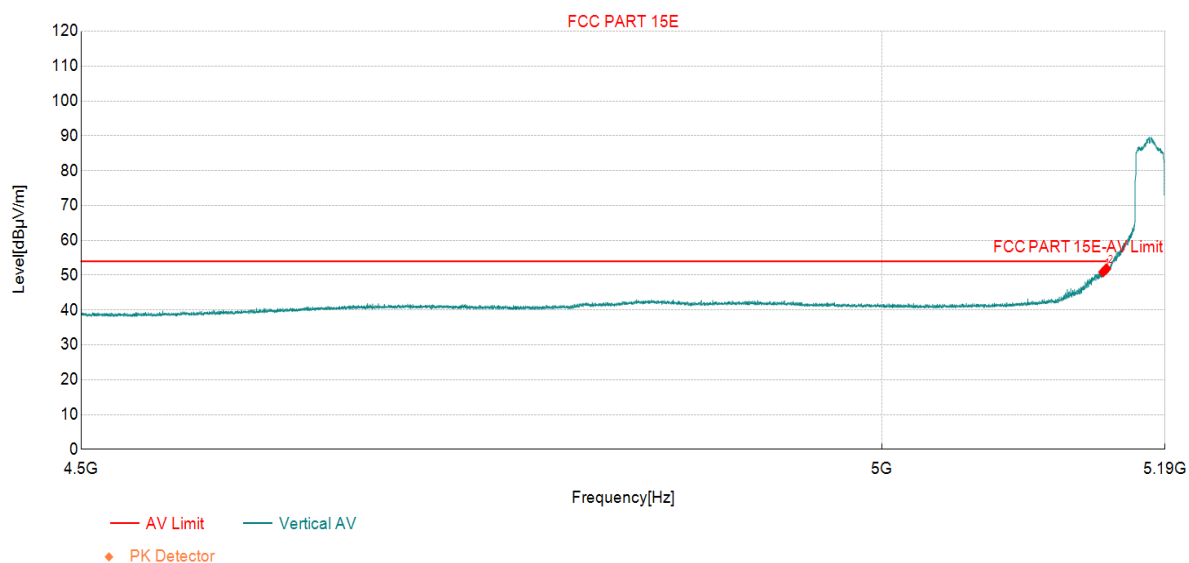
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5139.29         | 44.70          | 59.75          | 15.05         | 74.00          | 14.25       | PK  | Vertic | PASS    |
| 2  | 5150.00         | 43.20          | 58.31          | 15.11         | 74.00          | 15.69       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5180MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

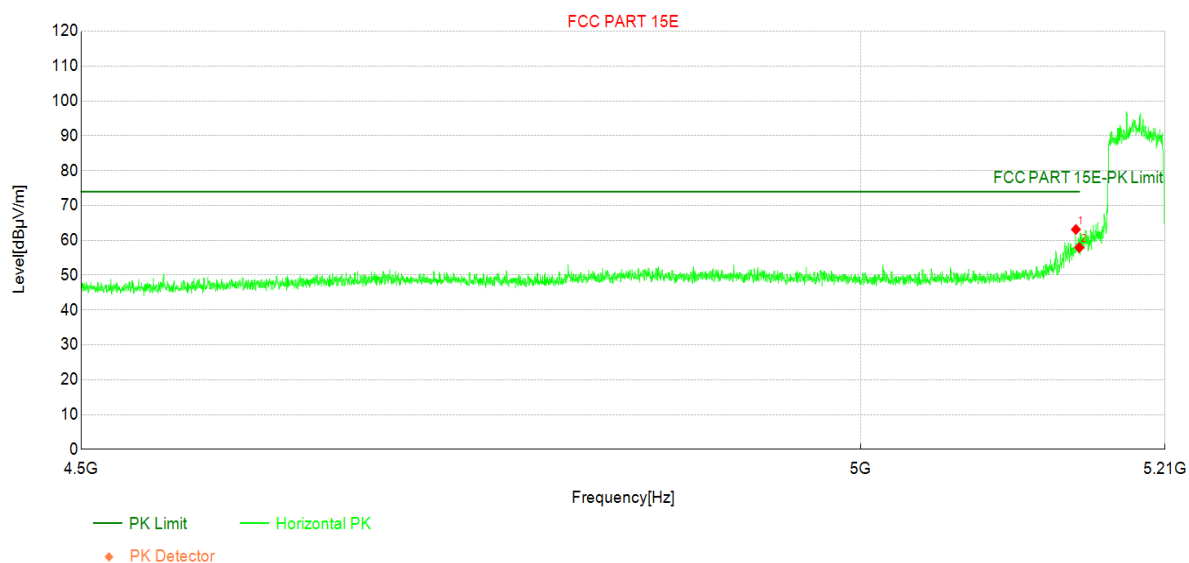
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5147.91         | 35.81          | 50.91          | 15.10         | 54.00          | 3.09        | AV  | Vertic | PASS    |
| 2  | 5150.00         | 36.74          | 51.85          | 15.11         | 54.00          | 2.15        | AV  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5190MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

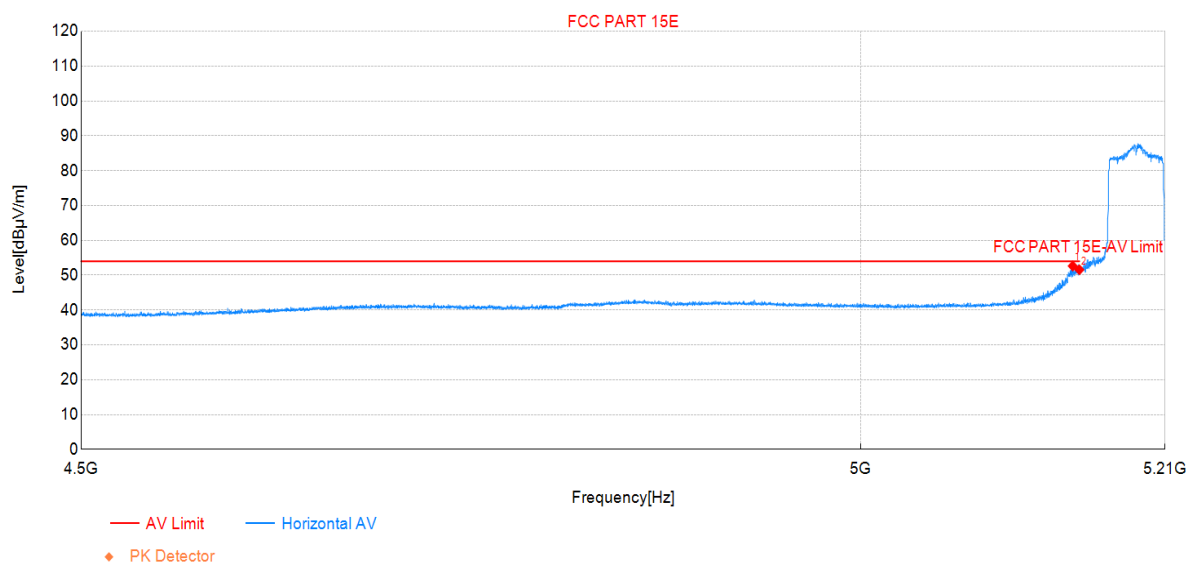
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5147.61         | 48.03          | 63.13          | 15.10         | 74.00          | 10.87       | PK  | Horizo | PASS    |
| 2  | 5150.00         | 42.81          | 57.92          | 15.11         | 74.00          | 16.08       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5190MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

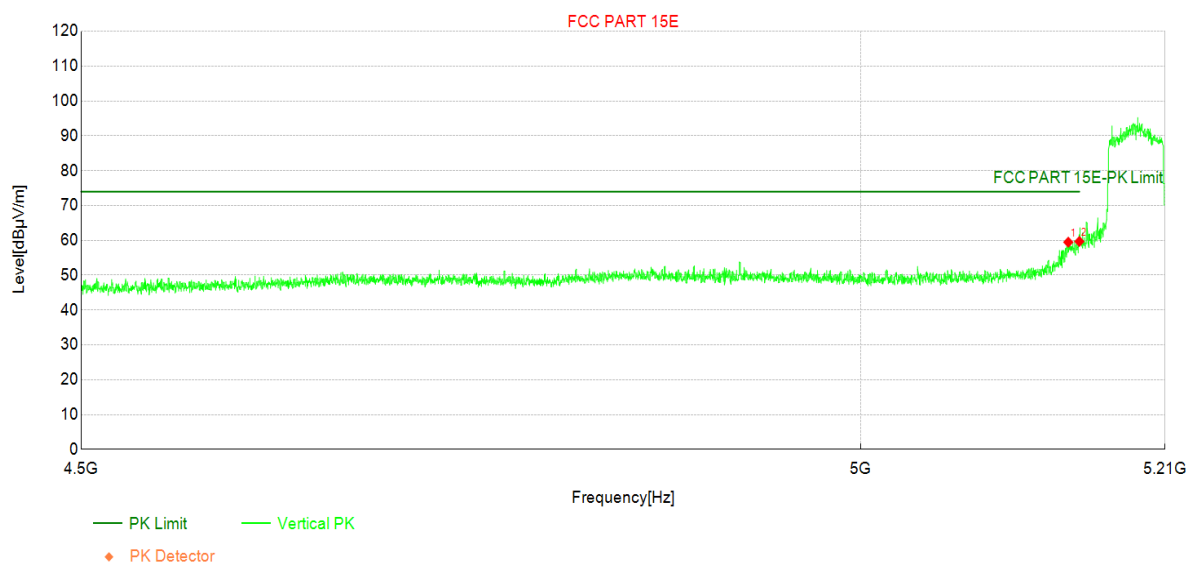
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5145.39         | 37.56          | 52.64          | 15.08         | 54.00          | 1.36        | AV  | Horizo | PASS    |
| 2  | 5150.00         | 36.46          | 51.57          | 15.11         | 54.00          | 2.43        | AV  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5190MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

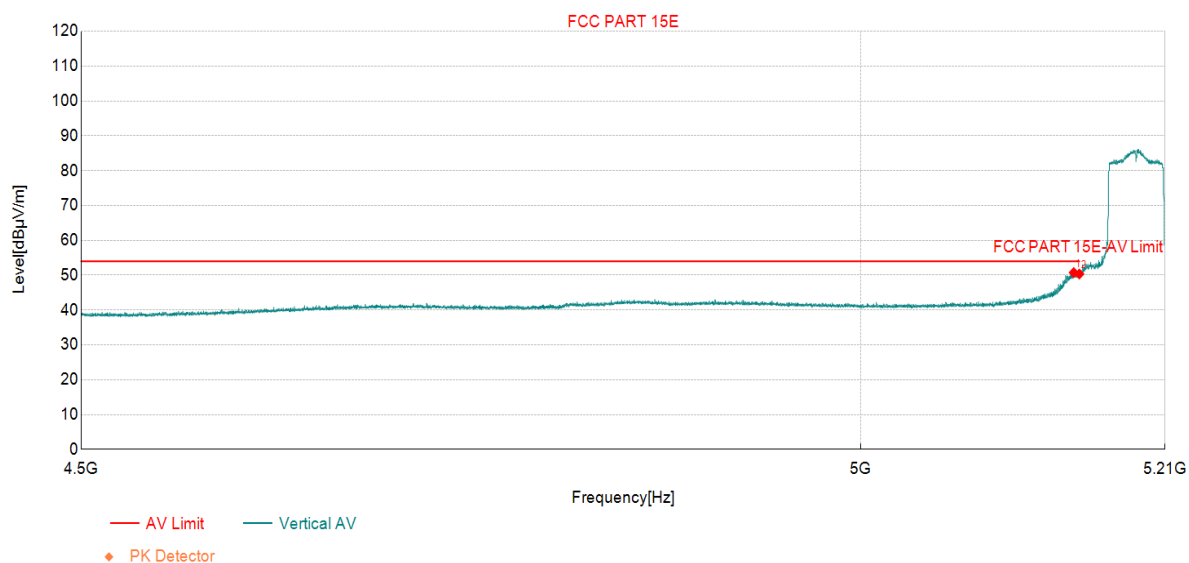
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5142.28         | 44.40          | 59.47          | 15.07         | 74.00          | 14.53       | PK  | Vertic | PASS    |
| 2  | 5150.00         | 44.57          | 59.68          | 15.11         | 74.00          | 14.32       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5190MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

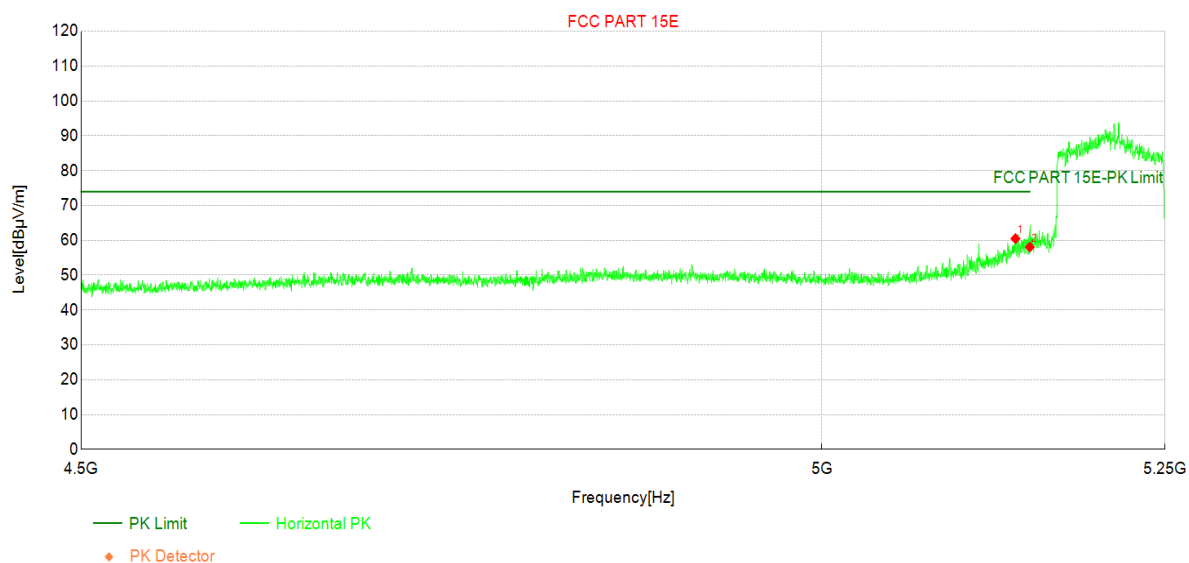
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5146.10         | 35.66          | 50.75          | 15.09         | 54.00          | 3.25        | AV  | Vertic | PASS    |
| 2  | 5150.00         | 35.23          | 50.34          | 15.11         | 54.00          | 3.66        | AV  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode4:Transmit at 5210MHz by 802.11ax(80MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

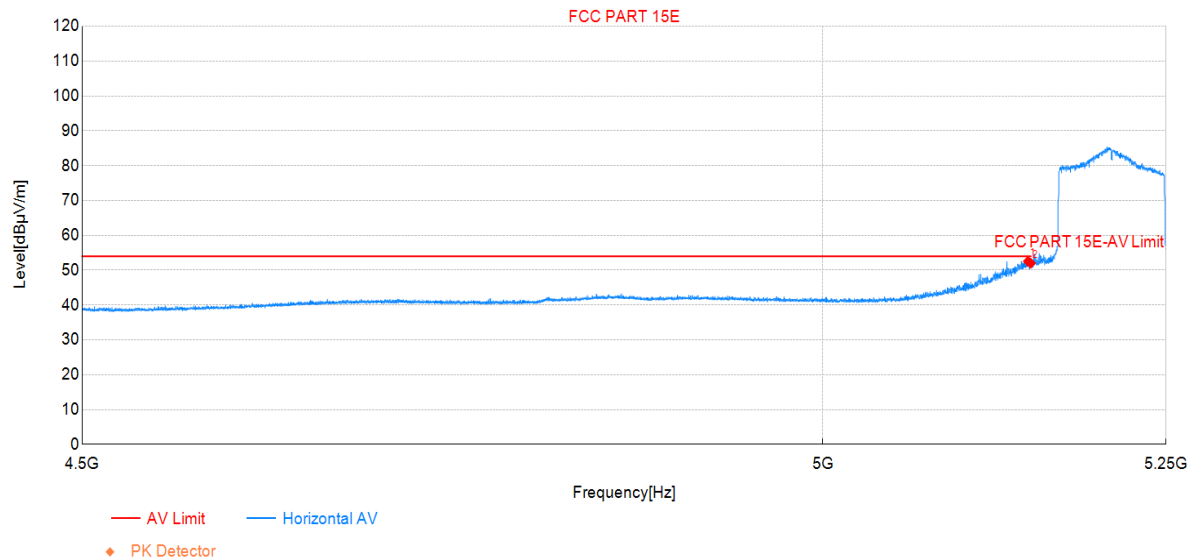
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5139.47         | 45.44          | 60.49          | 15.05         | 74.00          | 13.51       | PK  | Horizo | PASS    |
| 2  | 5150.00         | 42.98          | 58.09          | 15.11         | 74.00          | 15.91       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                               |          |                  |
|----------------|-----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                      | EUT:     | Smart Controller |
| Mode:          | Mode4:Transmit at 5210MHz by 1802.11ax(80MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                         | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                  |          |                  |

### Test Graph



### Suspected Data List

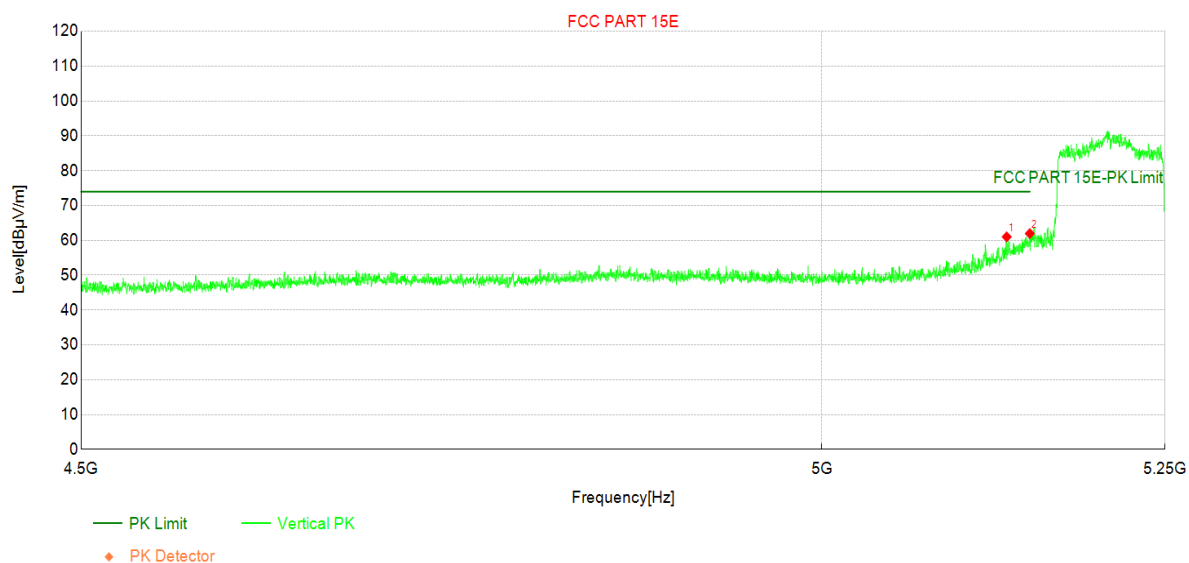
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5147.91         | 37.44          | 52.54          | 15.10         | 54.00          | 1.46        | AV  | Horizo | PASS    |
| 2  | 5150.00         | 36.89          | 52.00          | 15.11         | 54.00          | 2.00        | AV  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode4:Transmit at 5210MHz by 802.11ax(80MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

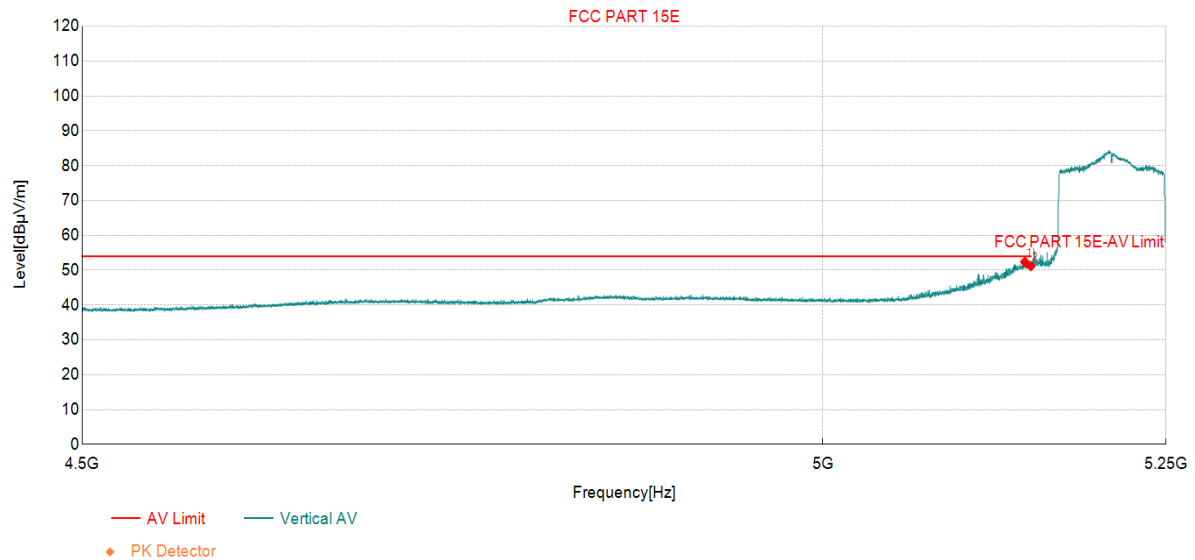
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5133.09         | 45.99          | 61.00          | 15.01         | 74.00          | 13.00       | PK  | Vertic | PASS    |
| 2  | 5150.00         | 46.84          | 61.95          | 15.11         | 74.00          | 12.05       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode4:Transmit at 5210MHz by 802.11ax(80MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

### Test Graph



### Suspected Data List

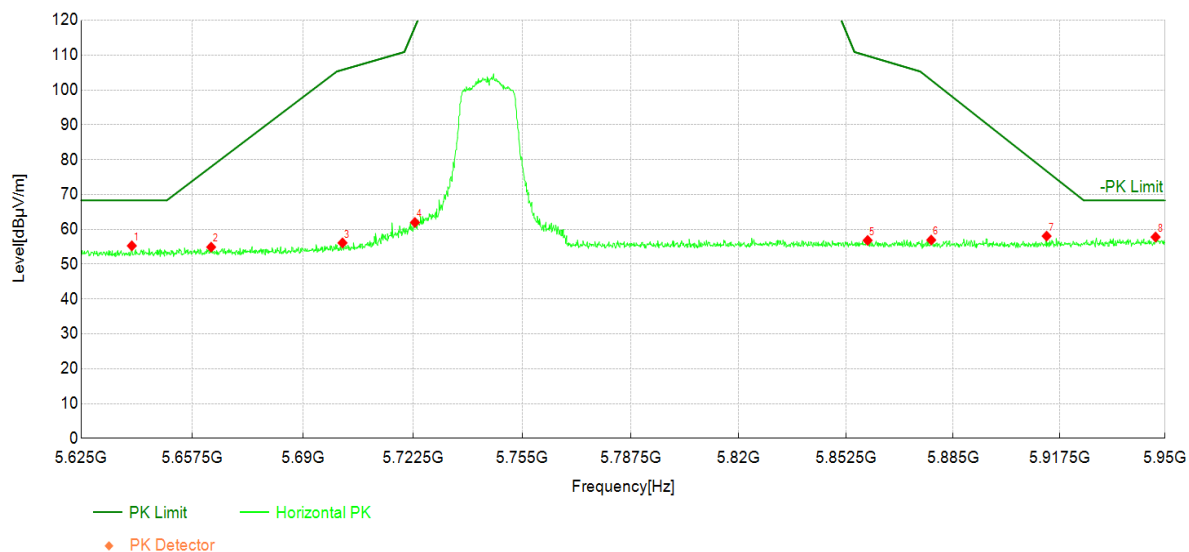
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5145.66         | 37.31          | 52.39          | 15.08         | 54.00          | 1.61        | AV  | Vertic | PASS    |
| 2  | 5150.00         | 36.06          | 51.17          | 15.11         | 54.00          | 2.83        | AV  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                      |          |                  |
|----------------|--------------------------------------|----------|------------------|
| Profile:       | 2530770R                             | EUT:     | Smart Controller |
| Mode:          | Mode1:Transmit at 5745MHz by 802.11a | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                         |          |                  |

Test Graph



### Suspected Data List

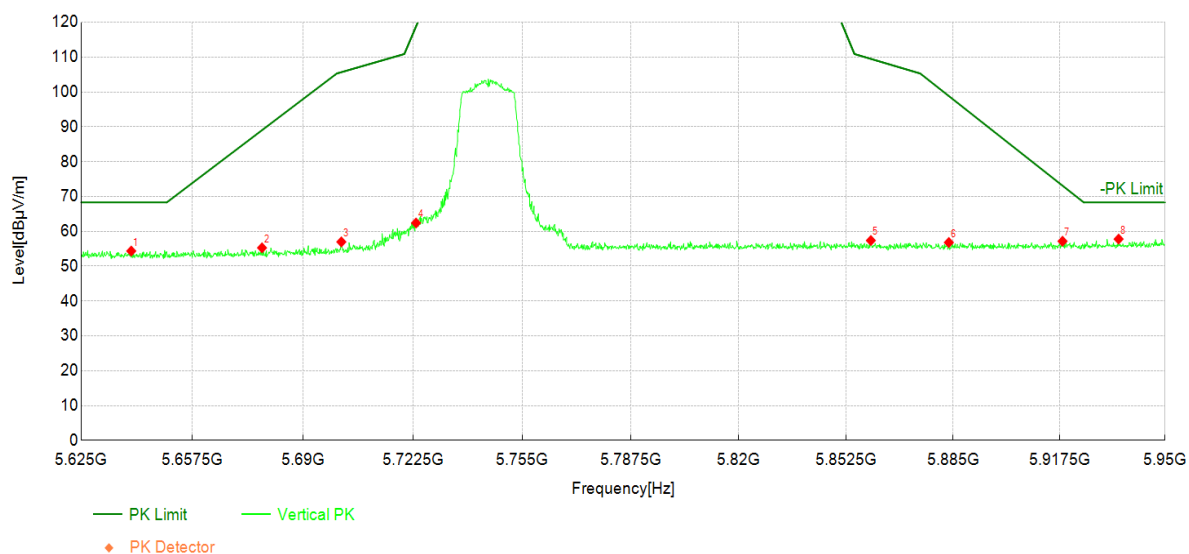
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5639.79         | 37.17          | 55.28          | 18.11         | 68.30          | 13.02       | PK  | Horizo | PASS    |
| 2  | 5663.03         | 36.56          | 54.90          | 18.34         | 77.97          | 23.07       | PK  | Horizo | PASS    |
| 3  | 5701.70         | 37.41          | 56.11          | 18.70         | 105.78         | 49.67       | PK  | Horizo | PASS    |
| 4  | 5723.15         | 43.30          | 61.97          | 18.67         | 118.08         | 56.11       | PK  | Horizo | PASS    |
| 5  | 5859.00         | 37.80          | 56.82          | 19.02         | 109.78         | 52.96       | PK  | Horizo | PASS    |
| 6  | 5878.34         | 37.76          | 56.93          | 19.17         | 102.82         | 45.89       | PK  | Horizo | PASS    |
| 7  | 5913.60         | 38.61          | 58.05          | 19.44         | 76.71          | 18.66       | PK  | Horizo | PASS    |
| 8  | 5947.08         | 38.09          | 57.79          | 19.70         | 68.30          | 10.51       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                      |          |                  |
|----------------|--------------------------------------|----------|------------------|
| Profile:       | 2530770R                             | EUT:     | Smart Controller |
| Mode:          | Mode1:Transmit at 5745MHz by 802.11a | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                         |          |                  |

Test Graph



### Suspected Data List

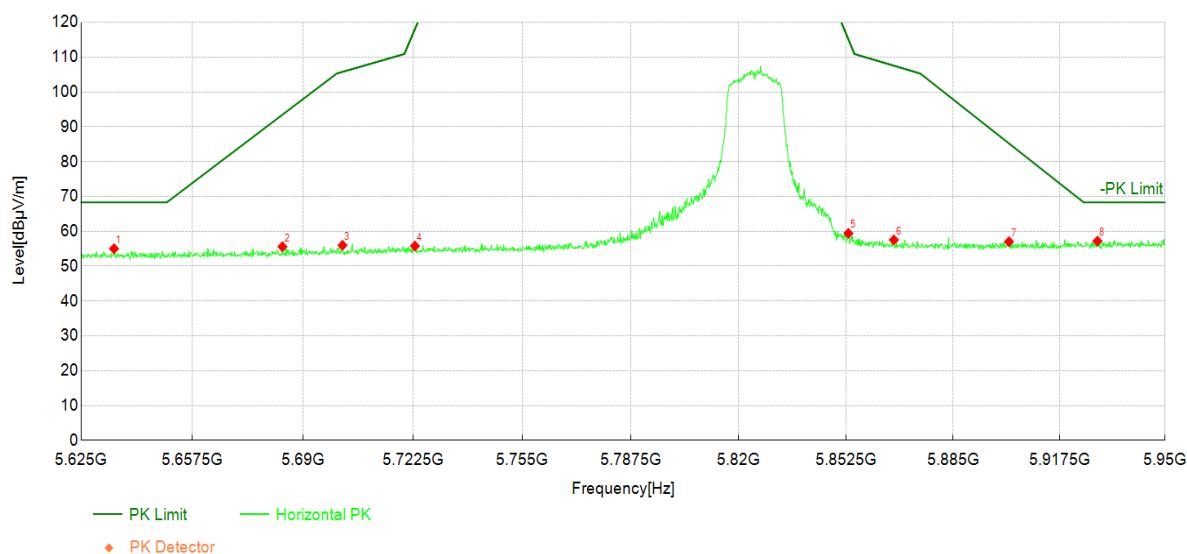
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5639.63         | 36.23          | 54.34          | 18.11         | 68.30          | 13.96       | PK  | Vertic | PASS    |
| 2  | 5677.98         | 36.78          | 55.27          | 18.49         | 89.04          | 33.77       | PK  | Vertic | PASS    |
| 3  | 5701.38         | 38.27          | 56.97          | 18.70         | 105.69         | 48.72       | PK  | Vertic | PASS    |
| 4  | 5723.48         | 43.73          | 62.40          | 18.67         | 118.82         | 56.42       | PK  | Vertic | PASS    |
| 5  | 5859.98         | 38.35          | 57.37          | 19.02         | 109.51         | 52.14       | PK  | Vertic | PASS    |
| 6  | 5883.70         | 37.59          | 56.80          | 19.21         | 98.84          | 42.04       | PK  | Vertic | PASS    |
| 7  | 5918.48         | 37.68          | 57.16          | 19.48         | 73.11          | 15.95       | PK  | Vertic | PASS    |
| 8  | 5935.70         | 38.17          | 57.78          | 19.61         | 68.30          | 10.52       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                      |          |                  |
|----------------|--------------------------------------|----------|------------------|
| Profile:       | 2530770R                             | EUT:     | Smart Controller |
| Mode:          | Mode1:Transmit at 5825MHz by 802.11a | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                         |          |                  |

Test Graph



### Suspected Data List

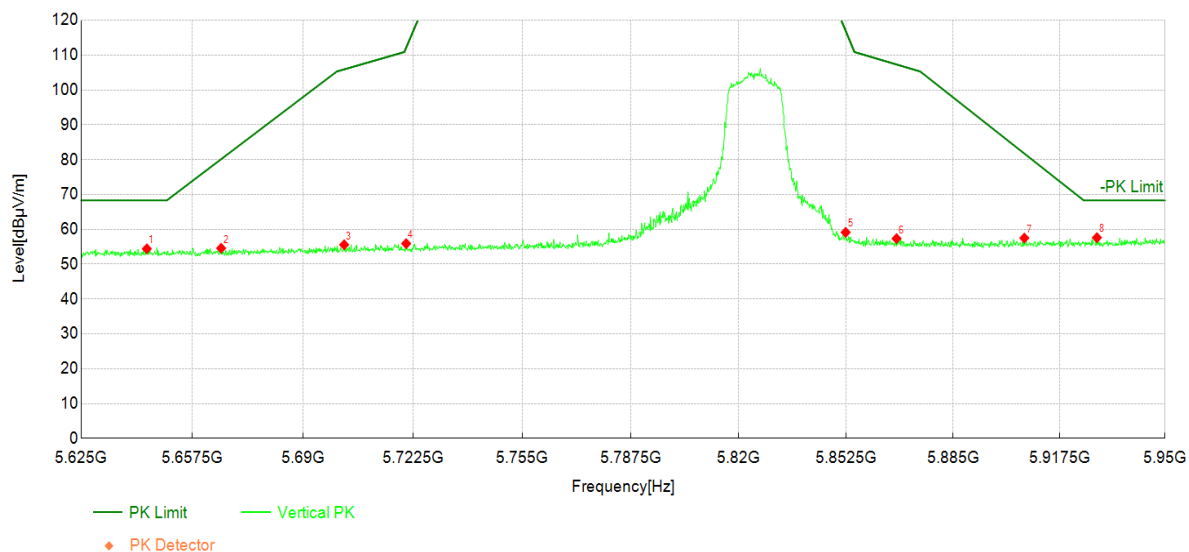
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5634.59         | 36.95          | 55.01          | 18.06         | 68.30          | 13.29       | PK  | Horizo | PASS    |
| 2  | 5683.99         | 37.04          | 55.59          | 18.55         | 93.49          | 37.90       | PK  | Horizo | PASS    |
| 3  | 5701.70         | 37.29          | 55.99          | 18.70         | 105.78         | 49.79       | PK  | Horizo | PASS    |
| 4  | 5723.15         | 37.11          | 55.78          | 18.67         | 118.08         | 62.30       | PK  | Horizo | PASS    |
| 5  | 5853.15         | 40.46          | 59.42          | 18.96         | 115.12         | 55.70       | PK  | Horizo | PASS    |
| 6  | 5866.96         | 38.47          | 57.54          | 19.07         | 107.55         | 50.01       | PK  | Horizo | PASS    |
| 7  | 5902.06         | 37.68          | 57.03          | 19.35         | 85.23          | 28.20       | PK  | Horizo | PASS    |
| 8  | 5929.20         | 37.64          | 57.20          | 19.56         | 68.30          | 11.10       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                      |          |                  |
|----------------|--------------------------------------|----------|------------------|
| Profile:       | 2530770R                             | EUT:     | Smart Controller |
| Mode:          | Mode1:Transmit at 5825MHz by 802.11a | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                         |          |                  |

Test Graph



### Suspected Data List

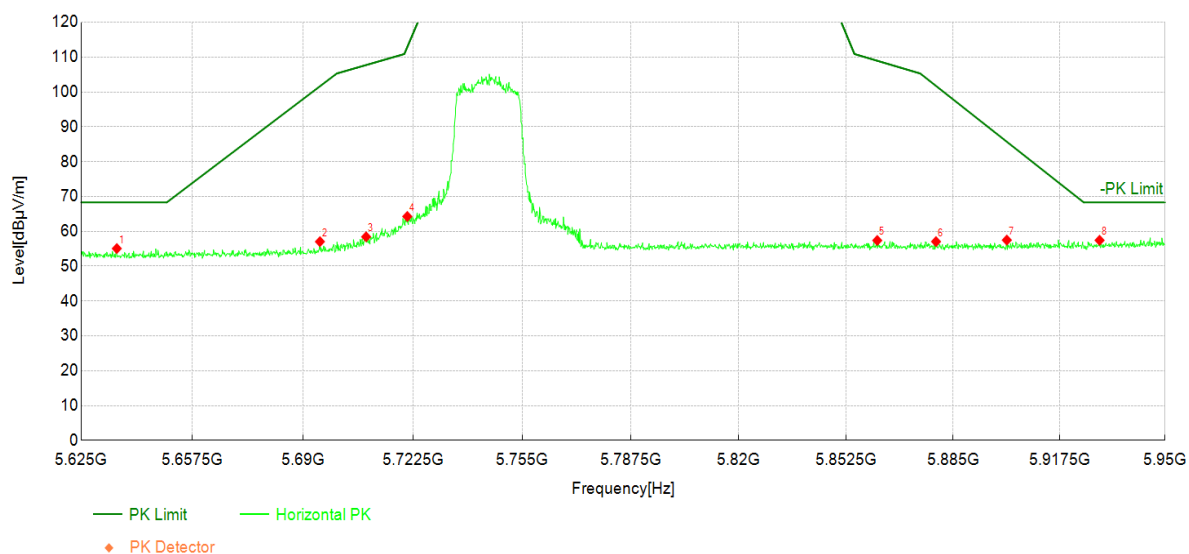
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5644.18         | 36.27          | 54.42          | 18.15         | 68.30          | 13.88       | PK  | Vertic | PASS    |
| 2  | 5665.95         | 36.21          | 54.58          | 18.37         | 80.14          | 25.56       | PK  | Vertic | PASS    |
| 3  | 5702.19         | 36.87          | 55.58          | 18.71         | 105.91         | 50.33       | PK  | Vertic | PASS    |
| 4  | 5720.55         | 37.22          | 55.90          | 18.68         | 112.15         | 56.25       | PK  | Vertic | PASS    |
| 5  | 5852.34         | 40.18          | 59.14          | 18.96         | 116.97         | 57.83       | PK  | Vertic | PASS    |
| 6  | 5867.78         | 38.25          | 57.34          | 19.09         | 107.32         | 49.98       | PK  | Vertic | PASS    |
| 7  | 5906.78         | 38.10          | 57.50          | 19.40         | 81.75          | 24.25       | PK  | Vertic | PASS    |
| 8  | 5929.04         | 38.06          | 57.62          | 19.56         | 68.30          | 10.68       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5745MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

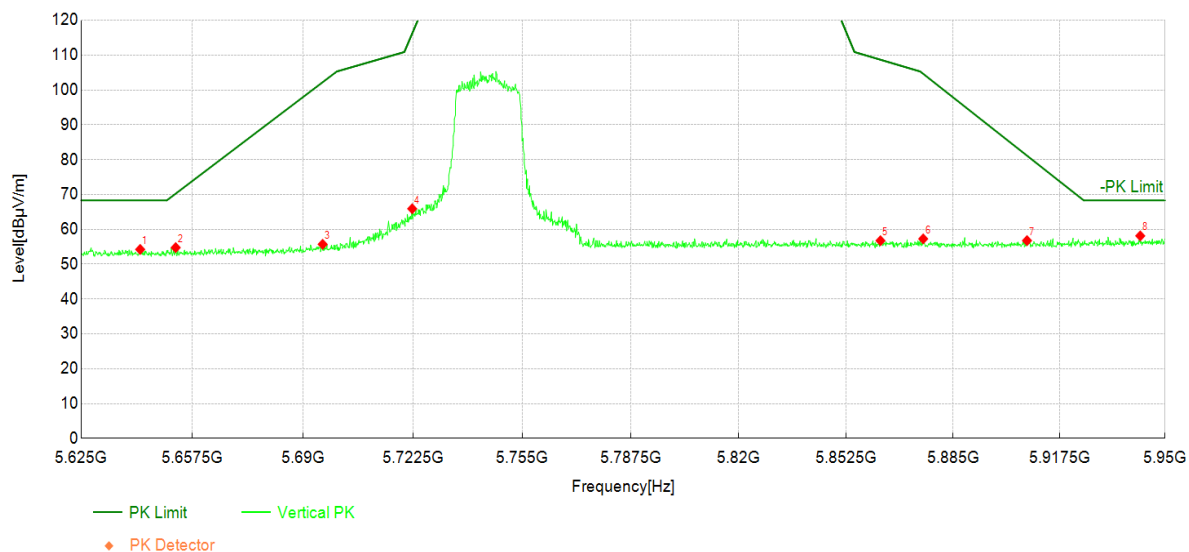
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5635.40         | 37.00          | 55.06          | 18.06         | 68.30          | 13.24       | PK  | Horizo | PASS    |
| 2  | 5695.04         | 38.38          | 57.04          | 18.66         | 101.64         | 44.60       | PK  | Horizo | PASS    |
| 3  | 5708.69         | 39.73          | 58.43          | 18.70         | 107.73         | 49.30       | PK  | Horizo | PASS    |
| 4  | 5720.88         | 45.58          | 64.26          | 18.68         | 112.90         | 48.64       | PK  | Horizo | PASS    |
| 5  | 5861.93         | 38.36          | 57.39          | 19.03         | 108.96         | 51.57       | PK  | Horizo | PASS    |
| 6  | 5879.80         | 37.89          | 57.06          | 19.17         | 101.73         | 44.67       | PK  | Horizo | PASS    |
| 7  | 5901.41         | 38.14          | 57.49          | 19.35         | 85.72          | 28.23       | PK  | Horizo | PASS    |
| 8  | 5929.85         | 37.85          | 57.42          | 19.57         | 68.30          | 10.88       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5745MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

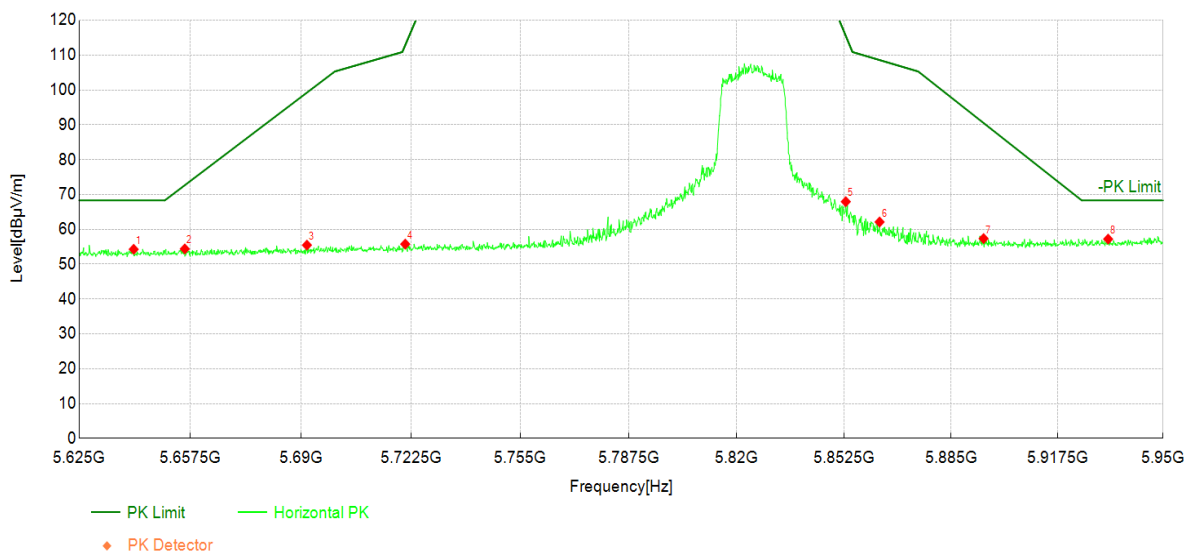
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5642.23         | 36.09          | 54.23          | 18.14         | 68.30          | 14.07       | PK  | Vertic | PASS    |
| 2  | 5652.63         | 36.51          | 54.75          | 18.24         | 70.25          | 15.50       | PK  | Vertic | PASS    |
| 3  | 5695.85         | 37.04          | 55.71          | 18.67         | 102.24         | 46.53       | PK  | Vertic | PASS    |
| 4  | 5722.34         | 47.24          | 65.91          | 18.67         | 116.23         | 50.32       | PK  | Vertic | PASS    |
| 5  | 5862.90         | 37.70          | 56.74          | 19.04         | 108.69         | 51.95       | PK  | Vertic | PASS    |
| 6  | 5875.90         | 38.13          | 57.27          | 19.14         | 104.63         | 47.36       | PK  | Vertic | PASS    |
| 7  | 5907.59         | 37.37          | 56.77          | 19.40         | 81.15          | 24.38       | PK  | Vertic | PASS    |
| 8  | 5942.36         | 38.47          | 58.13          | 19.66         | 68.30          | 10.17       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5825MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

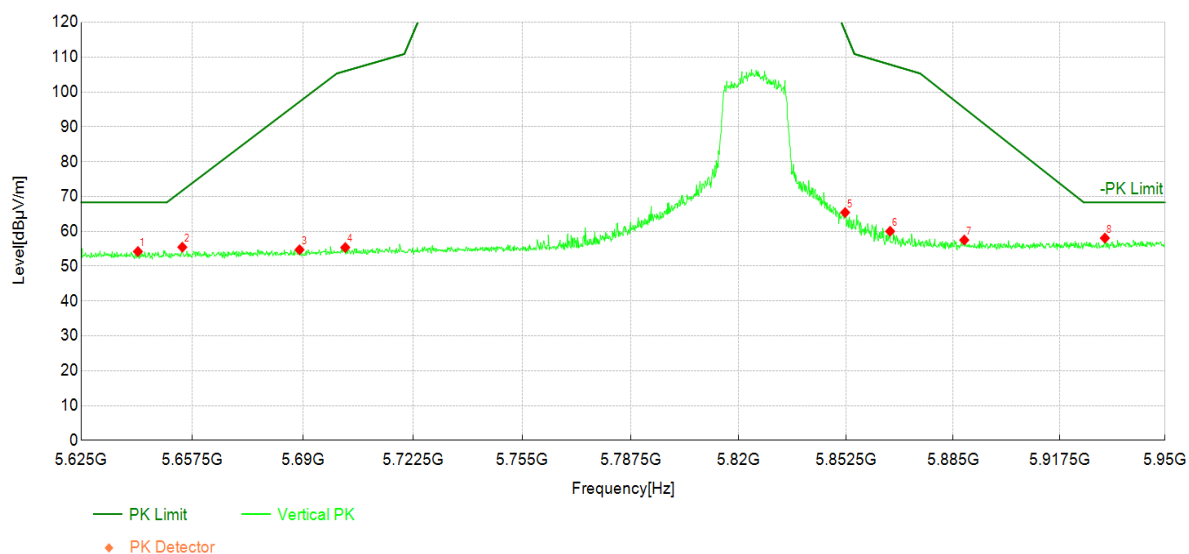
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5640.93         | 36.15          | 54.27          | 18.12         | 68.30          | 14.03       | PK  | Horizo | PASS    |
| 2  | 5655.88         | 36.11          | 54.38          | 18.27         | 72.66          | 18.28       | PK  | Horizo | PASS    |
| 3  | 5691.79         | 36.84          | 55.47          | 18.63         | 99.25          | 43.78       | PK  | Horizo | PASS    |
| 4  | 5720.88         | 37.08          | 55.76          | 18.68         | 112.90         | 57.14       | PK  | Horizo | PASS    |
| 5  | 5852.99         | 48.98          | 67.94          | 18.96         | 115.49         | 47.55       | PK  | Horizo | PASS    |
| 6  | 5863.23         | 43.06          | 62.11          | 19.05         | 108.59         | 46.48       | PK  | Horizo | PASS    |
| 7  | 5894.91         | 38.05          | 57.35          | 19.30         | 90.53          | 33.18       | PK  | Horizo | PASS    |
| 8  | 5933.10         | 37.60          | 57.20          | 19.60         | 68.30          | 11.10       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode2:Transmit at 5825MHz by 802.11ax(20MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

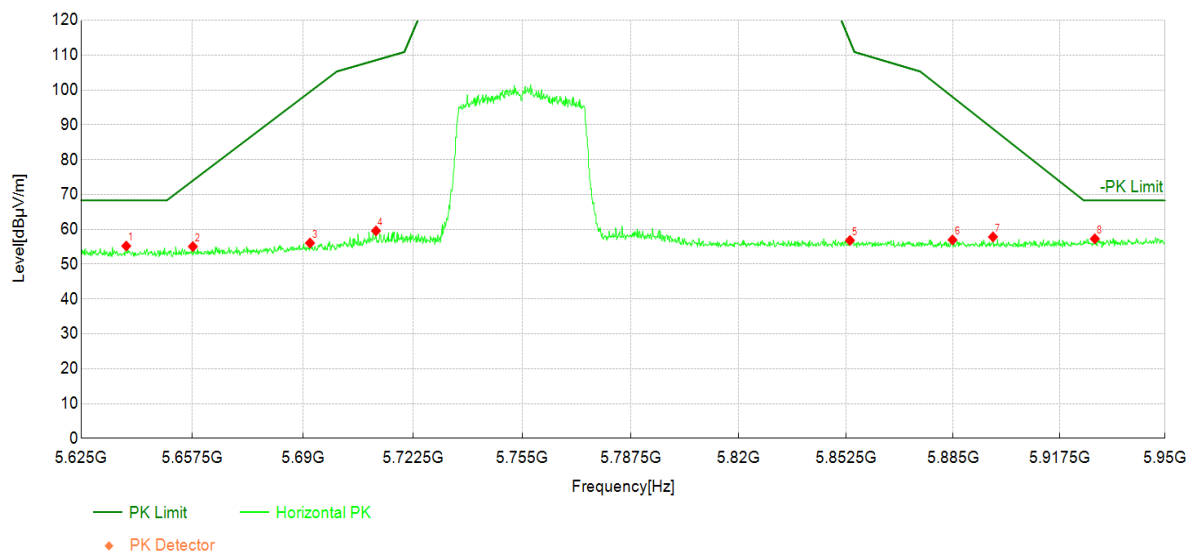
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5641.58         | 36.07          | 54.20          | 18.13         | 68.30          | 14.10       | PK  | Vertic | PASS    |
| 2  | 5654.58         | 37.20          | 55.46          | 18.26         | 71.70          | 16.24       | PK  | Vertic | PASS    |
| 3  | 5689.03         | 36.12          | 54.72          | 18.60         | 97.21          | 42.49       | PK  | Vertic | PASS    |
| 4  | 5702.51         | 36.65          | 55.36          | 18.71         | 106.00         | 50.64       | PK  | Vertic | PASS    |
| 5  | 5852.18         | 46.45          | 65.41          | 18.96         | 117.34         | 51.93       | PK  | Vertic | PASS    |
| 6  | 5865.83         | 40.94          | 60.01          | 19.07         | 107.87         | 47.86       | PK  | Vertic | PASS    |
| 7  | 5888.41         | 38.27          | 57.51          | 19.24         | 95.34          | 37.83       | PK  | Vertic | PASS    |
| 8  | 5931.48         | 38.47          | 58.05          | 19.58         | 68.30          | 10.25       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5755MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

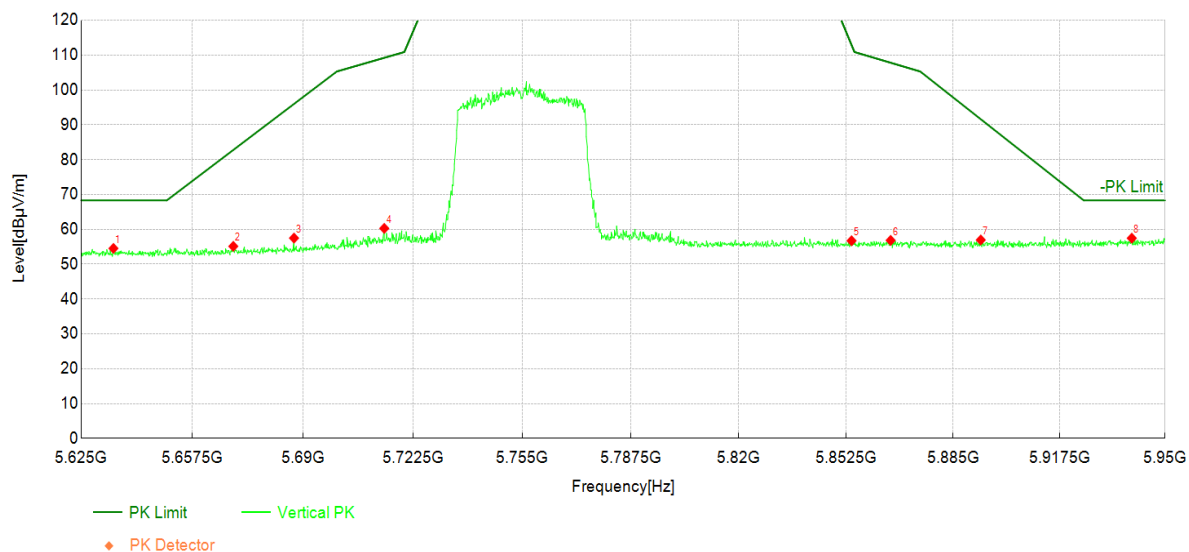
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5638.16         | 37.12          | 55.21          | 18.09         | 68.30          | 13.09       | PK  | Horizo | PASS    |
| 2  | 5657.66         | 36.78          | 55.06          | 18.28         | 73.99          | 18.93       | PK  | Horizo | PASS    |
| 3  | 5692.11         | 37.44          | 56.07          | 18.63         | 99.48          | 43.41       | PK  | Horizo | PASS    |
| 4  | 5711.61         | 40.88          | 59.57          | 18.69         | 108.55         | 48.98       | PK  | Horizo | PASS    |
| 5  | 5853.64         | 37.84          | 56.81          | 18.97         | 114.01         | 57.20       | PK  | Horizo | PASS    |
| 6  | 5884.84         | 37.74          | 56.96          | 19.22         | 98.00          | 41.04       | PK  | Horizo | PASS    |
| 7  | 5897.19         | 38.52          | 57.83          | 19.31         | 88.84          | 31.01       | PK  | Horizo | PASS    |
| 8  | 5928.39         | 37.73          | 57.29          | 19.56         | 68.30          | 11.01       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5755MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

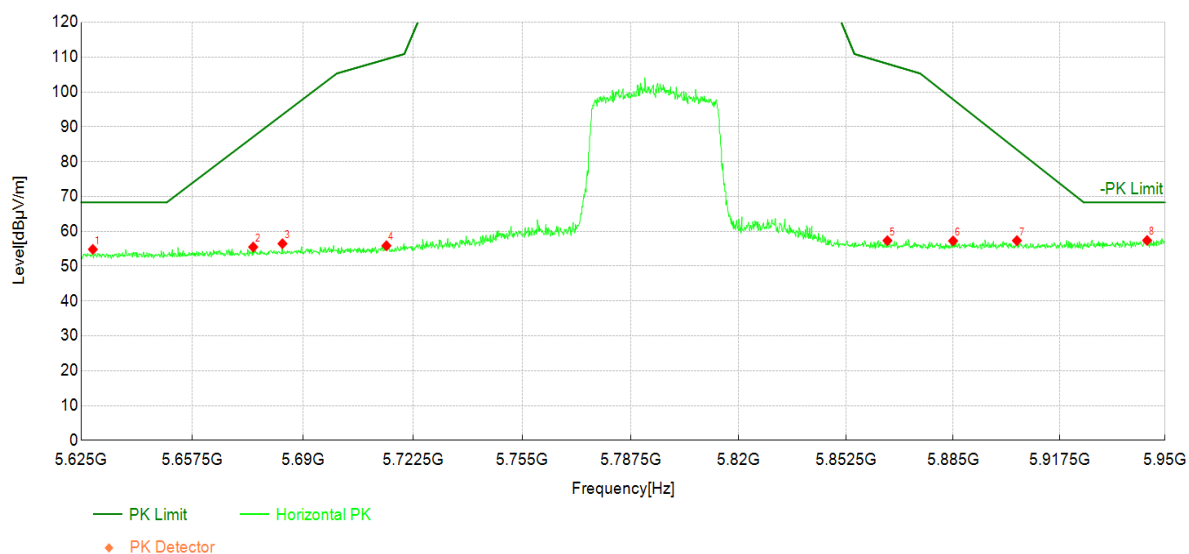
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5634.43         | 36.47          | 54.53          | 18.06         | 68.30          | 13.77       | PK  | Vertic | PASS    |
| 2  | 5669.53         | 36.72          | 55.13          | 18.41         | 82.79          | 27.66       | PK  | Vertic | PASS    |
| 3  | 5687.40         | 38.91          | 57.49          | 18.58         | 96.01          | 38.52       | PK  | Vertic | PASS    |
| 4  | 5714.05         | 41.59          | 60.27          | 18.68         | 109.24         | 48.97       | PK  | Vertic | PASS    |
| 5  | 5854.13         | 37.75          | 56.72          | 18.97         | 112.89         | 56.17       | PK  | Vertic | PASS    |
| 6  | 5865.99         | 37.76          | 56.83          | 19.07         | 107.82         | 50.99       | PK  | Vertic | PASS    |
| 7  | 5893.45         | 37.67          | 56.95          | 19.28         | 91.61          | 34.66       | PK  | Vertic | PASS    |
| 8  | 5939.76         | 37.82          | 57.46          | 19.64         | 68.30          | 10.84       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5795MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

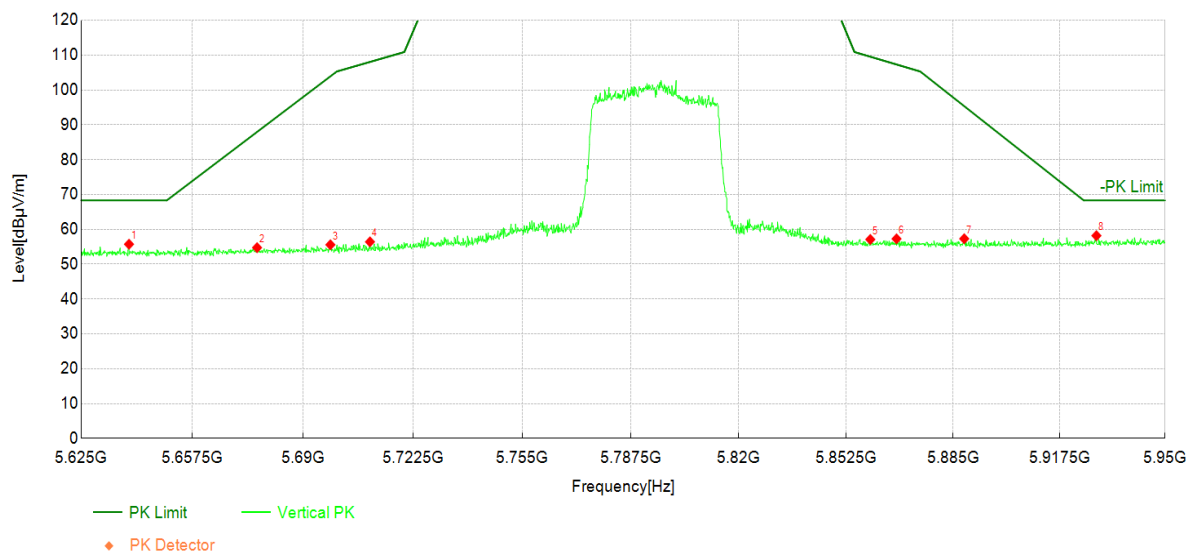
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5628.41         | 36.83          | 54.83          | 18.00         | 68.30          | 13.47       | PK  | Horizo | PASS    |
| 2  | 5675.38         | 37.04          | 55.50          | 18.46         | 87.12          | 31.62       | PK  | Horizo | PASS    |
| 3  | 5683.99         | 37.91          | 56.46          | 18.55         | 93.49          | 37.03       | PK  | Horizo | PASS    |
| 4  | 5714.70         | 37.19          | 55.87          | 18.68         | 109.42         | 53.55       | PK  | Horizo | PASS    |
| 5  | 5865.01         | 38.28          | 57.34          | 19.06         | 108.09         | 50.75       | PK  | Horizo | PASS    |
| 6  | 5885.00         | 38.03          | 57.25          | 19.22         | 97.87          | 40.62       | PK  | Horizo | PASS    |
| 7  | 5904.50         | 37.97          | 57.34          | 19.37         | 83.43          | 26.09       | PK  | Horizo | PASS    |
| 8  | 5944.48         | 37.72          | 57.40          | 19.68         | 68.30          | 10.90       | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode3:Transmit at 5795MHz by 802.11ax(40MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

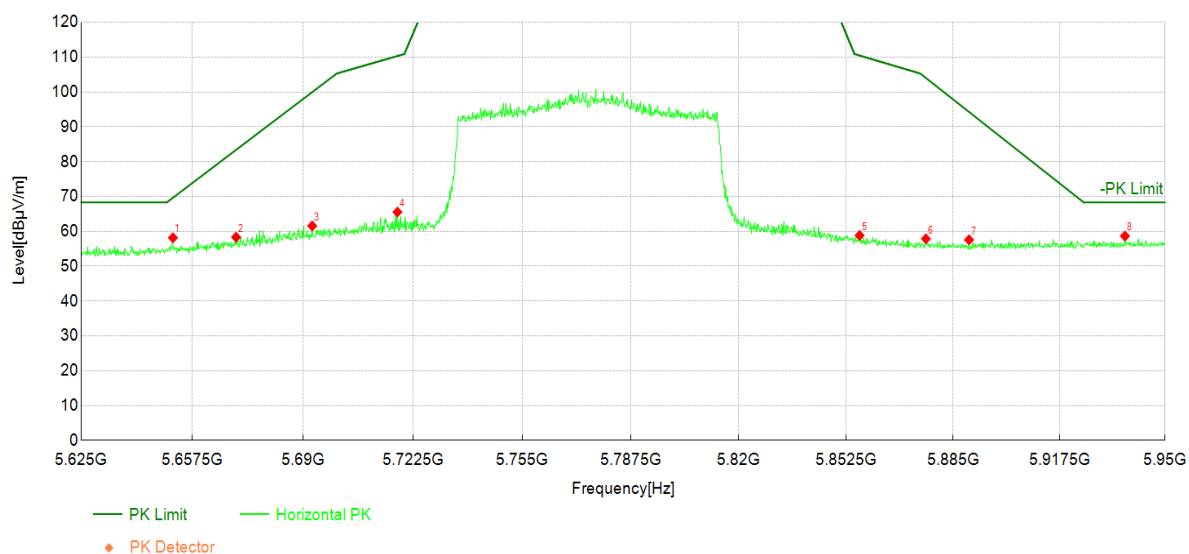
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5638.98         | 37.63          | 55.73          | 18.10         | 68.30          | 12.57       | PK  | Vertic | PASS    |
| 2  | 5676.51         | 36.26          | 54.74          | 18.48         | 87.96          | 33.22       | PK  | Vertic | PASS    |
| 3  | 5698.13         | 36.88          | 55.58          | 18.70         | 103.92         | 48.34       | PK  | Vertic | PASS    |
| 4  | 5709.83         | 37.72          | 56.41          | 18.69         | 108.05         | 51.64       | PK  | Vertic | PASS    |
| 5  | 5859.81         | 38.08          | 57.10          | 19.02         | 109.55         | 52.45       | PK  | Vertic | PASS    |
| 6  | 5867.78         | 38.19          | 57.28          | 19.09         | 107.32         | 50.04       | PK  | Vertic | PASS    |
| 7  | 5888.41         | 38.06          | 57.30          | 19.24         | 95.34          | 38.04       | PK  | Vertic | PASS    |
| 8  | 5928.88         | 38.62          | 58.18          | 19.56         | 68.30          | 10.12       | PK  | Vertic | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode4:Transmit at 5775MHz by 802.11ax(80MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Engineer | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

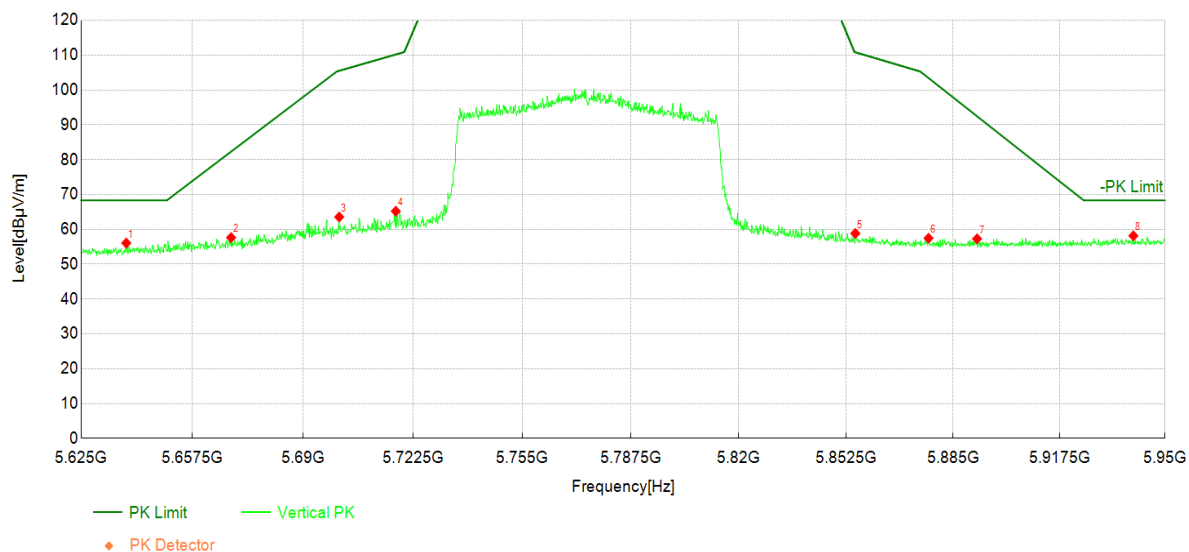
| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5651.81         | 39.92          | 58.15          | 18.23         | 69.65          | 11.50       | PK  | Horizo | PASS    |
| 2  | 5670.34         | 39.92          | 58.33          | 18.41         | 83.39          | 25.06       | PK  | Horizo | PASS    |
| 3  | 5692.76         | 42.93          | 61.56          | 18.63         | 99.96          | 38.40       | PK  | Horizo | PASS    |
| 4  | 5717.95         | 46.85          | 65.53          | 18.68         | 110.33         | 44.80       | PK  | Horizo | PASS    |
| 5  | 5856.56         | 39.80          | 58.79          | 18.99         | 110.46         | 51.67       | PK  | Horizo | PASS    |
| 6  | 5876.71         | 38.70          | 57.86          | 19.16         | 104.03         | 46.17       | PK  | Horizo | PASS    |
| 7  | 5889.88         | 38.31          | 57.57          | 19.26         | 94.26          | 36.69       | PK  | Horizo | PASS    |
| 8  | 5937.65         | 39.01          | 58.64          | 19.63         | 68.30          | 9.66        | PK  | Horizo | PASS    |

## Test Report

### Project Information

|                |                                              |          |                  |
|----------------|----------------------------------------------|----------|------------------|
| Profile:       | 2530770R                                     | EUT:     | Smart Controller |
| Mode:          | Mode4:Transmit at 5775MHz by 802.11ax(80MHz) | Voltage: | 120 Vac / 60 Hz  |
| Environment:   | Temp: 25°C ; Humi:60%                        | Enginee  | Reyn Chen        |
| Test Standard: | FCC PART 15E                                 |          |                  |

Test Graph



### Suspected Data List

| NO | Frequency [MHz] | Reading [dBμV] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Det | Pol    | Verdict |
|----|-----------------|----------------|----------------|---------------|----------------|-------------|-----|--------|---------|
| 1  | 5638.16         | 37.98          | 56.07          | 18.09         | 68.30          | 12.23       | PK  | Vertic | PASS    |
| 2  | 5668.88         | 39.23          | 57.63          | 18.40         | 82.31          | 24.68       | PK  | Vertic | PASS    |
| 3  | 5700.73         | 44.83          | 63.54          | 18.71         | 105.50         | 41.96       | PK  | Vertic | PASS    |
| 4  | 5717.46         | 46.54          | 65.22          | 18.68         | 110.19         | 44.97       | PK  | Vertic | PASS    |
| 5  | 5855.26         | 39.85          | 58.83          | 18.98         | 110.83         | 52.00       | PK  | Vertic | PASS    |
| 6  | 5877.53         | 38.28          | 57.44          | 19.16         | 103.42         | 45.98       | PK  | Vertic | PASS    |
| 7  | 5892.31         | 38.00          | 57.28          | 19.28         | 92.45          | 35.17       | PK  | Vertic | PASS    |
| 8  | 5940.25         | 38.50          | 58.14          | 19.64         | 68.30          | 10.16       | PK  | Vertic | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Note:

1. We have evaluated SISO main antenna mode, SISO aux antenna mode and MIMO mode, shown in report is the worst data.

## Appendix I: Frequency Stability

| TestMode  | Antenna | Frequency[MHz] | Voltage[Vdc] | Temperature(°C) | Deviation(Hz) | Deviation(ppm) | Limit(ppm) | Verdict |
|-----------|---------|----------------|--------------|-----------------|---------------|----------------|------------|---------|
| 11A       | Ant1    | 5180           | NV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5180           | LV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5180           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5200           | NV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5200           | LV           | NT              | 20000.00      | 3.846154       | 20         | PASS    |
| 11A       | Ant1    | 5200           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5240           | NV           | NT              | -20000.00     | -3.816794      | 20         | PASS    |
| 11A       | Ant1    | 5240           | LV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5240           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5745           | NV           | NT              | -20000.00     | -3.481288      | 20         | PASS    |
| 11A       | Ant1    | 5745           | LV           | NT              | -20000.00     | -3.481288      | 20         | PASS    |
| 11A       | Ant1    | 5745           | HV           | NT              | -20000.00     | -3.481288      | 20         | PASS    |
| 11A       | Ant1    | 5785           | NV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5785           | LV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11A       | Ant1    | 5785           | HV           | NT              | -40000.00     | -6.914434      | 20         | PASS    |
| 11A       | Ant1    | 5825           | NV           | NT              | -20000.00     | -3.433476      | 20         | PASS    |
| 11A       | Ant1    | 5825           | LV           | NT              | -20000.00     | -3.433476      | 20         | PASS    |
| 11A       | Ant1    | 5825           | HV           | NT              | -20000.00     | -3.433476      | 20         | PASS    |
| 11N20SISO | Ant1    | 5180           | NV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N20SISO | Ant1    | 5180           | LV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N20SISO | Ant1    | 5180           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N20SISO | Ant1    | 5200           | NV           | NT              | 20000.00      | 3.846154       | 20         | PASS    |
| 11N20SISO | Ant1    | 5200           | LV           | NT              | -20000.00     | -3.846154      | 20         | PASS    |
| 11N20SISO | Ant1    | 5200           | HV           | NT              | -20000.00     | -3.846154      | 20         | PASS    |
| 11N20SISO | Ant1    | 5240           | NV           | NT              | -20000.00     | -3.816794      | 20         | PASS    |
| 11N20SISO | Ant1    | 5240           | LV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N20SISO | Ant1    | 5240           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N20SISO | Ant1    | 5745           | NV           | NT              | -20000.00     | -3.481288      | 20         | PASS    |
| 11N20SISO | Ant1    | 5745           | LV           | NT              | -20000.00     | -3.481288      | 20         | PASS    |
| 11N20SISO | Ant1    | 5745           | HV           | NT              | -20000.00     | -3.481288      | 20         | PASS    |
| 11N20SISO | Ant1    | 5785           | NV           | NT              | -40000.00     | -6.914434      | 20         | PASS    |
| 11N20SISO | Ant1    | 5785           | LV           | NT              | -20000.00     | -3.457217      | 20         | PASS    |
| 11N20SISO | Ant1    | 5785           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N20SISO | Ant1    | 5825           | NV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N20SISO | Ant1    | 5825           | LV           | NT              | -20000.00     | -3.433476      | 20         | PASS    |
| 11N20SISO | Ant1    | 5825           | HV           | NT              | -20000.00     | -3.433476      | 20         | PASS    |
| 11N40SISO | Ant1    | 5190           | NV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N40SISO | Ant1    | 5190           | LV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N40SISO | Ant1    | 5190           | HV           | NT              | -40000.00     | -7.707129      | 20         | PASS    |
| 11N40SISO | Ant1    | 5230           | NV           | NT              | -40000.00     | -7.648184      | 20         | PASS    |
| 11N40SISO | Ant1    | 5230           | LV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N40SISO | Ant1    | 5230           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N40SISO | Ant1    | 5755           | NV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N40SISO | Ant1    | 5755           | LV           | NT              | -40000.00     | -6.950478      | 20         | PASS    |
| 11N40SISO | Ant1    | 5755           | HV           | NT              | 0.00          | 0.000000       | 20         | PASS    |
| 11N40SISO | Ant1    | 5795           | NV           | NT              | -40000.00     | -6.902502      | 20         | PASS    |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11N40SISO  | Ant1 | 5795 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | NT | 20000.00  | 3.861004   | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | LV | NT | -20000.00 | -3.846154  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | HV | NT | -20000.00 | -3.846154  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | NT | -20000.00 | -3.816794  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | LV | NT | -20000.00 | -3.816794  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | HV | NT | -40000.00 | -7.633588  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | NT | -20000.00 | -3.481288  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | HV | NT | -20000.00 | -3.481288  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | NT | -40000.00 | -6.914434  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | LV | NT | -40000.00 | -6.914434  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | HV | NT | -20000.00 | -3.457217  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | NT | -20000.00 | -3.433476  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | LV | NT | -40000.00 | -6.866953  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | HV | NT | -20000.00 | -3.433476  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | LV | NT | -40000.00 | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | HV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | HV | NT | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | NT | -80000.00 | -13.852814 | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | LV | NT | -20000.00 | -3.816794  | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | NT | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |    |           |           |    |      |
|------------|------|------|----|----|-----------|-----------|----|------|
| 11AX20SISO | Ant1 | 5785 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | LV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | LV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | HV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | LV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | HV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | NT | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | LV | NT | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | HV | NT | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | NT | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | LV | NT | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | HV | NT | -40000.00 | -6.902502 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | LV | NT | 80000.00  | 15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | HV | NT | 80000.00  | 15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | HV | NT | 0.00      | 0.000000  | 20 | PASS |

| TestMode | Antenna | Frequency[MHz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|----------|---------|----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| 11A      | Ant1    | 5180           | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | -20              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 50               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | -20              | 20000.00       | 3.846154        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | 0                | -20000.00      | -3.846154       | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | 50               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5240           | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5240           | NV            | -20              | -20000.00      | -3.816794       | 20          | PASS    |
| 11A      | Ant1    | 5240           | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5240           | NV            | 0                | -20000.00      | -3.816794       | 20          | PASS    |
| 11A      | Ant1    | 5240           | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11A       | Ant1 | 5240 | NV | 20  | -20000.00 | -3.816794 | 20 | PASS |
| 11A       | Ant1 | 5240 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | -30 | -20000.00 | -3.481288 | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | -10 | -20000.00 | -3.481288 | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | 10  | -20000.00 | -3.481288 | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | 30  | -20000.00 | -3.481288 | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | 40  | -40000.00 | -6.962576 | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | -30 | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 0   | -40000.00 | -6.914434 | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 20  | -40000.00 | -6.914434 | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 40  | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 50  | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | -20 | -40000.00 | -6.866953 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | -10 | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 0   | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 10  | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 20  | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 30  | -40000.00 | -6.866953 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 40  | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 50  | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -30 | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 0   | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 20  | 20000.00  | 3.861004  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 30  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 50  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -20 | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N20SISO | Ant1 | 5240 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 0   | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 10  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 30  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 40  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -20 | -20000.00 | -3.481288 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 0   | 20000.00  | 3.481288  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 40  | 20000.00  | 3.481288  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 50  | -20000.00 | -3.481288 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -20 | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -10 | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 0   | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 10  | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 30  | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 40  | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 50  | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -20 | -40000.00 | -6.866953 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -10 | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 0   | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 10  | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 20  | -40000.00 | -6.866953 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 30  | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -30 | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -10 | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11N40SISO  | Ant1 | 5230 | NV | 50  | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | -20 | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | -10 | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 30  | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 50  | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -30 | -40000.00 | -6.902502 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 20  | -40000.00 | -6.902502 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 50  | -40000.00 | -6.902502 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -10 | -40000.00 | -7.722008 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 0   | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 30  | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 50  | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | -30 | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | -20 | 20000.00  | 3.846154  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | -10 | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 0   | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 30  | 20000.00  | 3.846154  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 40  | 20000.00  | 3.846154  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -20 | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 0   | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 10  | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 20  | -40000.00 | -7.633588 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 30  | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -30 | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -20 | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -10 | -40000.00 | -6.962576 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 0   | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 10  | -20000.00 | -3.481288 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20SISO | Ant1 | 5745 | NV | 20  | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 30  | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 50  | -40000.00 | -6.962576 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -30 | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -10 | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 0   | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 30  | 20000.00  | 3.457217  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 40  | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 50  | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -20 | -40000.00 | -6.914434 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -30 | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -20 | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -10 | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 10  | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 30  | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 40  | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 50  | -20000.00 | -3.433476 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -20 | 40000.00  | 7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 20  | -40000.00 | -7.707129 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -30 | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -20 | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 20  | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 40  | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 50  | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -20 | -40000.00 | -6.950478 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -10 | -40000.00 | -6.950478 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 0   | -40000.00 | -6.950478 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 20  | -40000.00 | -6.950478 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | -30 | -40000.00 | -6.902502 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | -20 | -40000.00 | -6.902502 | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AC40SISO | Ant1 | 5795 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | -30 | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 0   | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 20  | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 30  | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 40  | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 30  | -80000.00 | -13.852814 | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | -30 | -80000.00 | -13.852814 | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | -10 | -80000.00 | -13.852814 | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 10  | -20000.00 | -3.861004  | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -10 | -20000.00 | -3.816794  | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX20SISO | Ant1 | 5240 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 0   | -20000.00 | -3.481288 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 50  | 20000.00  | 3.481288  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 40  | -20000.00 | -3.457217 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 0   | -20000.00 | -3.433476 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 0   | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 30  | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -30 | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -20 | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -10 | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 10  | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 20  | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 30  | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 40  | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 50  | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -30 | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -20 | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -10 | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 0   | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 10  | -40000.00 | -6.950478 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX40SISO | Ant1 | 5755 | NV | 20  | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 30  | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 40  | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 50  | -40000.00 | -6.950478 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -30 | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -20 | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -10 | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 0   | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 10  | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 20  | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 30  | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 40  | -40000.00 | -6.902502 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 50  | -40000.00 | -6.902502 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | -10 | 80000.00  | 15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 20  | 80000.00  | 15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |

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The End

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