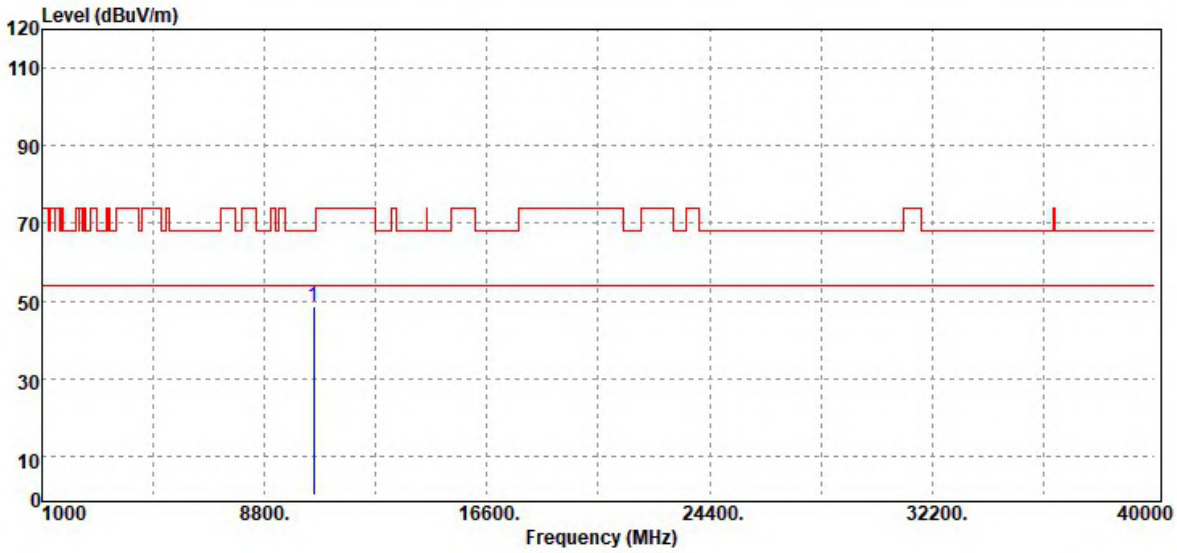
| Test Mode | IEEE 802.11a / 5260 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

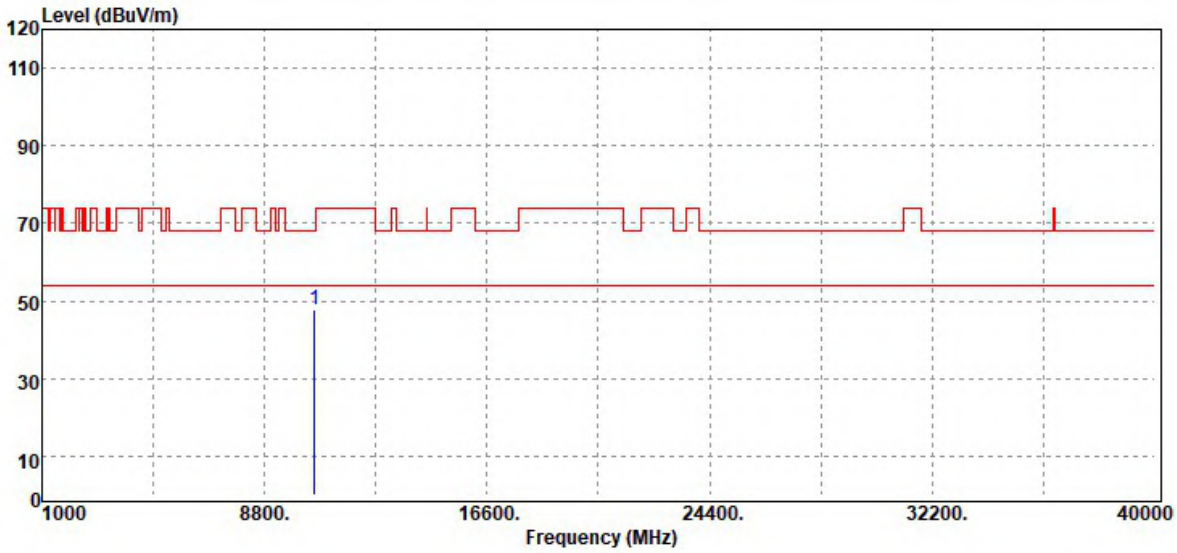



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10520.00 | Peak | 33.07 | 15.33 | 48.40 | 68.20 | -19.80 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5280 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

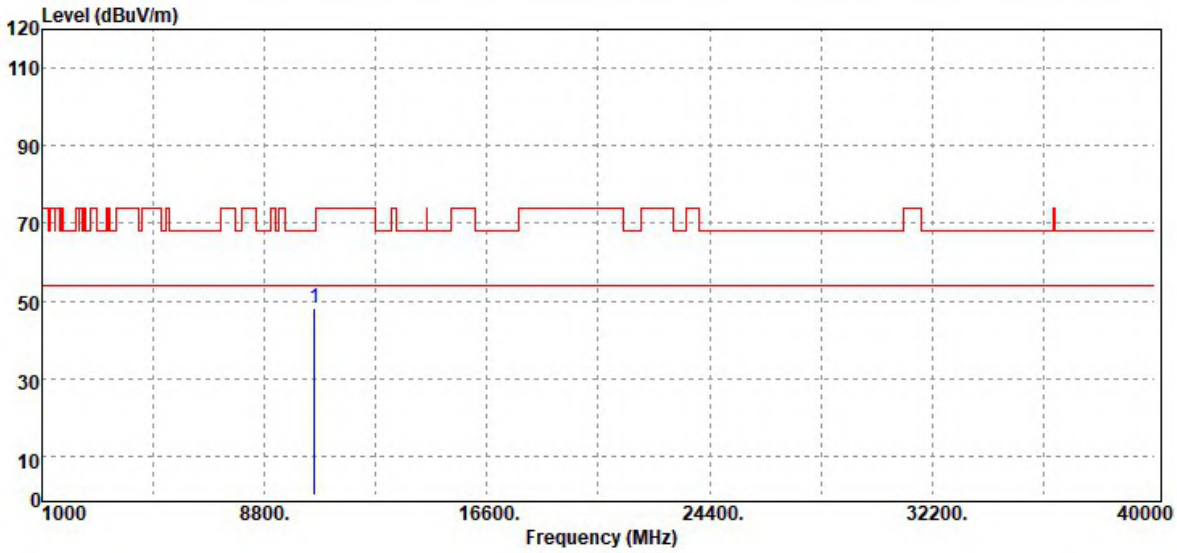



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 33.32 | 14.58 | 47.90 | 68.20 | -20.30 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5280 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

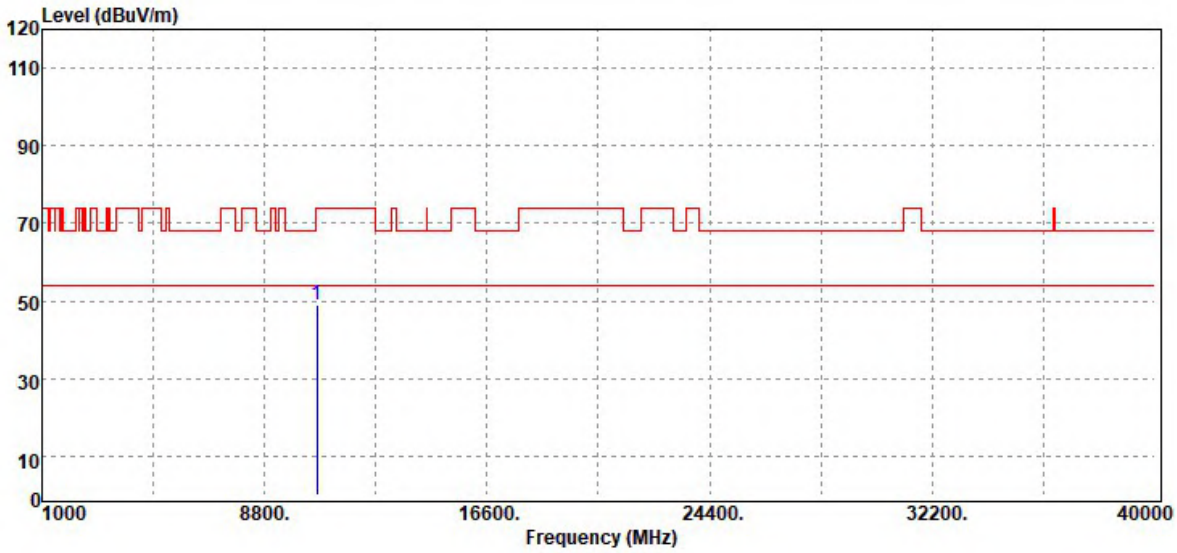



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 33.73 | 14.58 | 48.31 | 68.20 | -19.89 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

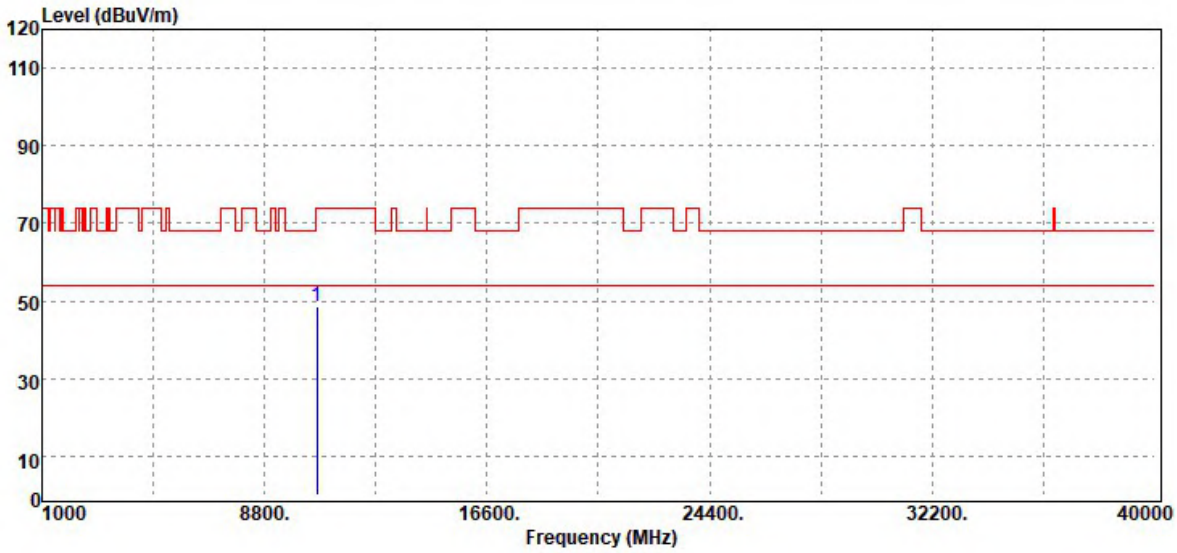



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 33.88 | 15.05 | 48.93 | 74.00 | -25.07 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

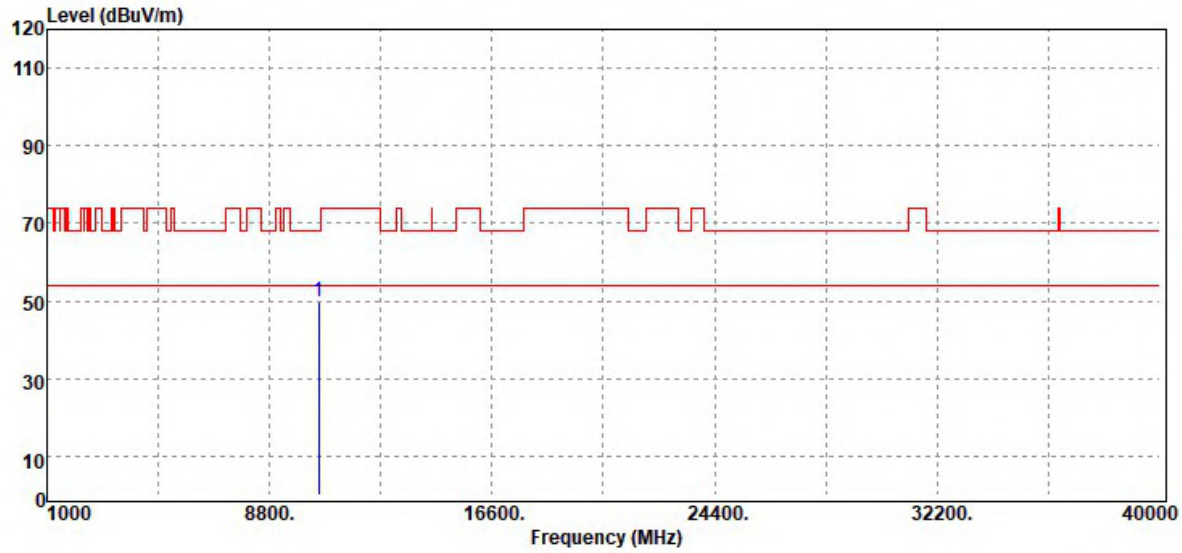



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 33.66 | 15.05 | 48.71 | 74.00 | -25.29 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5260 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

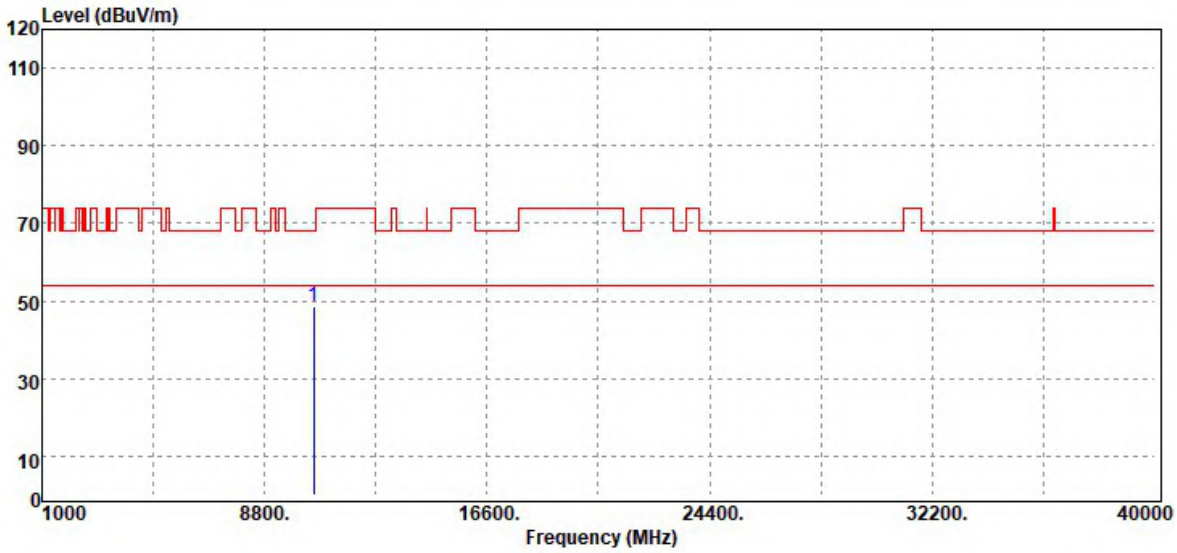



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10520.00 | Peak | 34.58 | 15.33 | 49.91 | 68.20 | -18.29 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5260 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

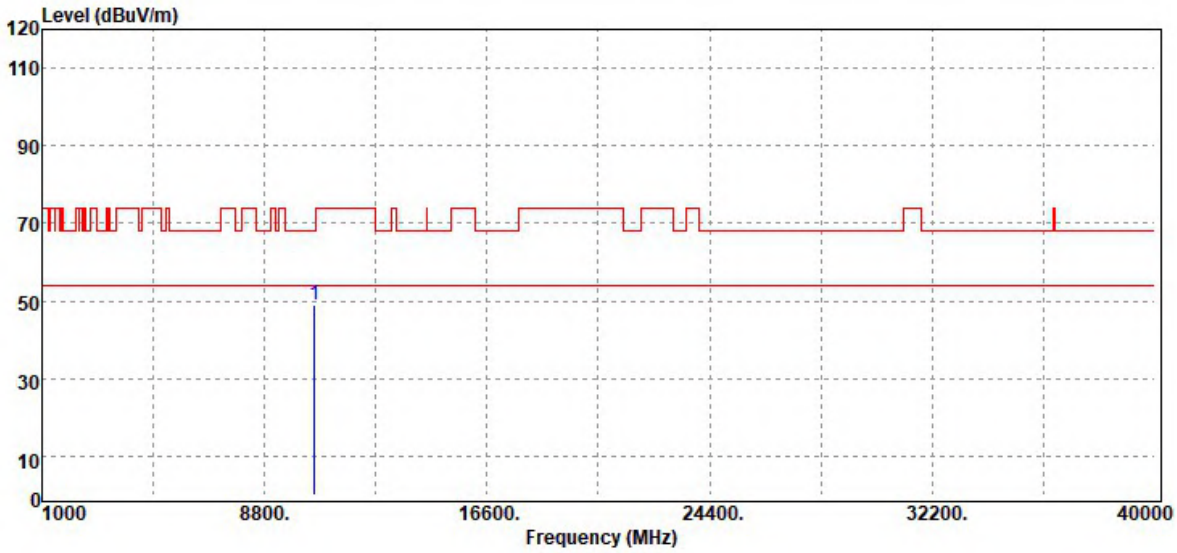



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10520.00 | Peak | 33.05 | 15.33 | 48.38 | 68.20 | -19.82 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5280 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

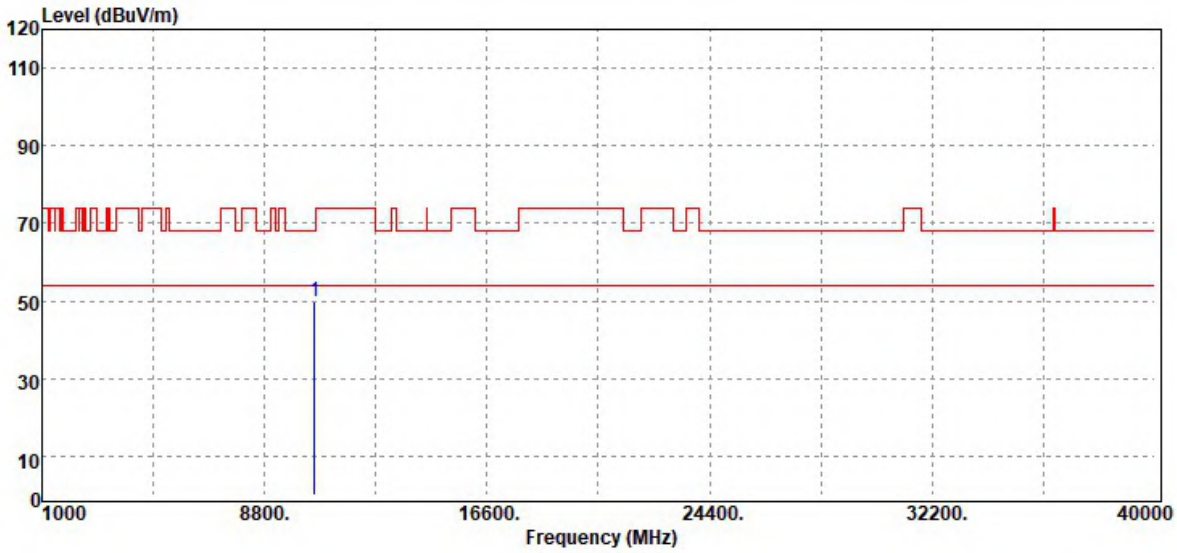



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 34.57 | 14.58 | 49.15 | 68.20 | -19.05 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5280 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

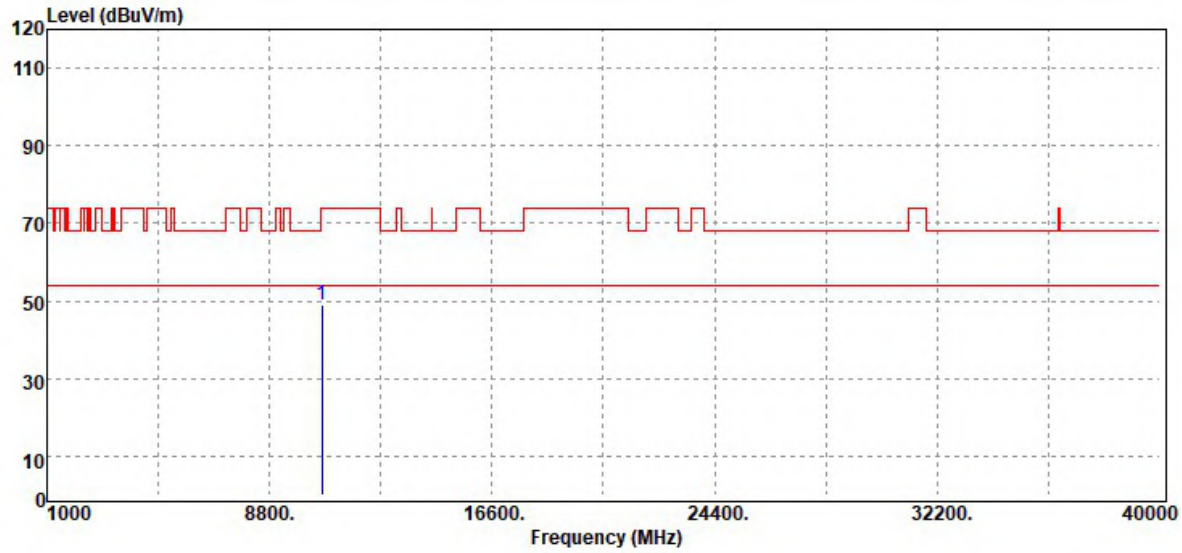



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 35.15 | 14.58 | 49.73 | 68.20 | -18.47 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5320 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

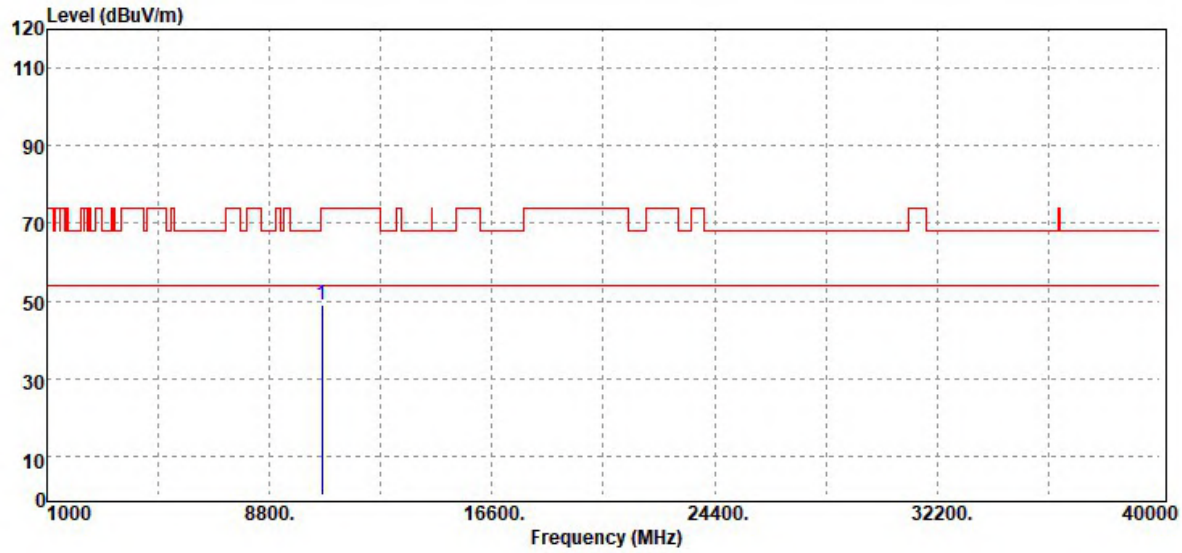



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 33.94 | 15.05 | 48.99 | 74.00 | -25.01 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5320 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

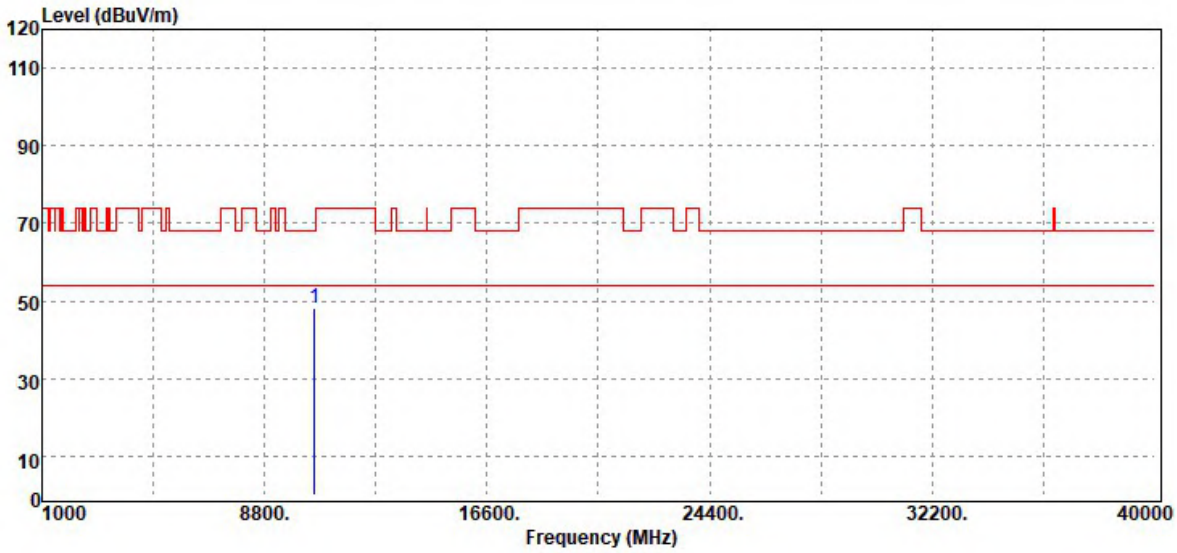



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 33.95 | 15.05 | 49.00 | 74.00 | -25.00 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5270 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

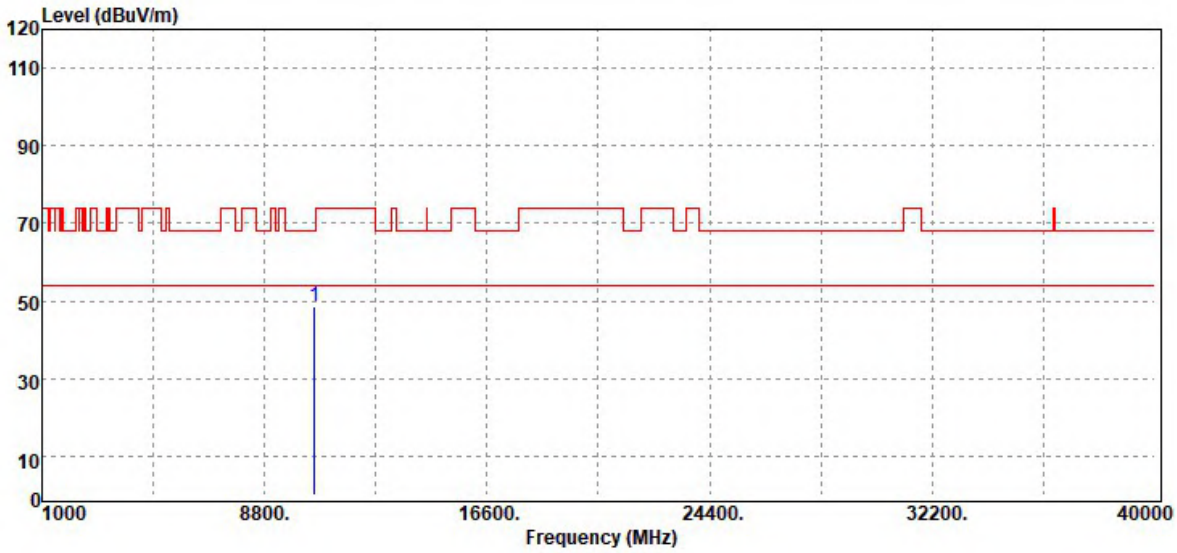



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10540.00 | Peak | 33.38 | 14.95 | 48.33 | 68.20 | -19.87 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5270 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

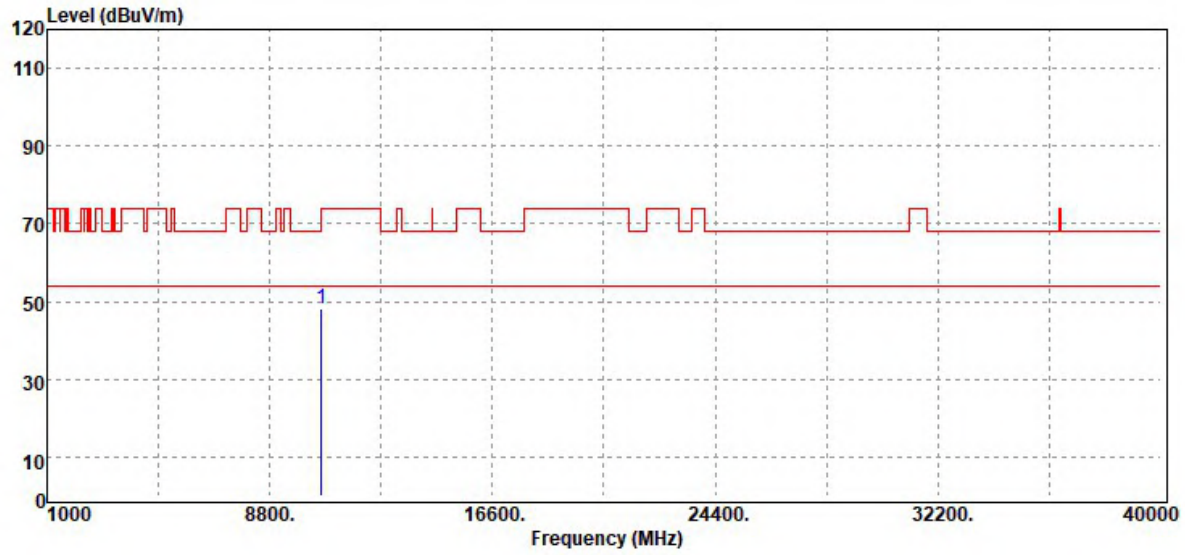



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10540.00 | Peak | 33.80 | 14.95 | 48.75 | 68.20 | -19.45 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5310 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

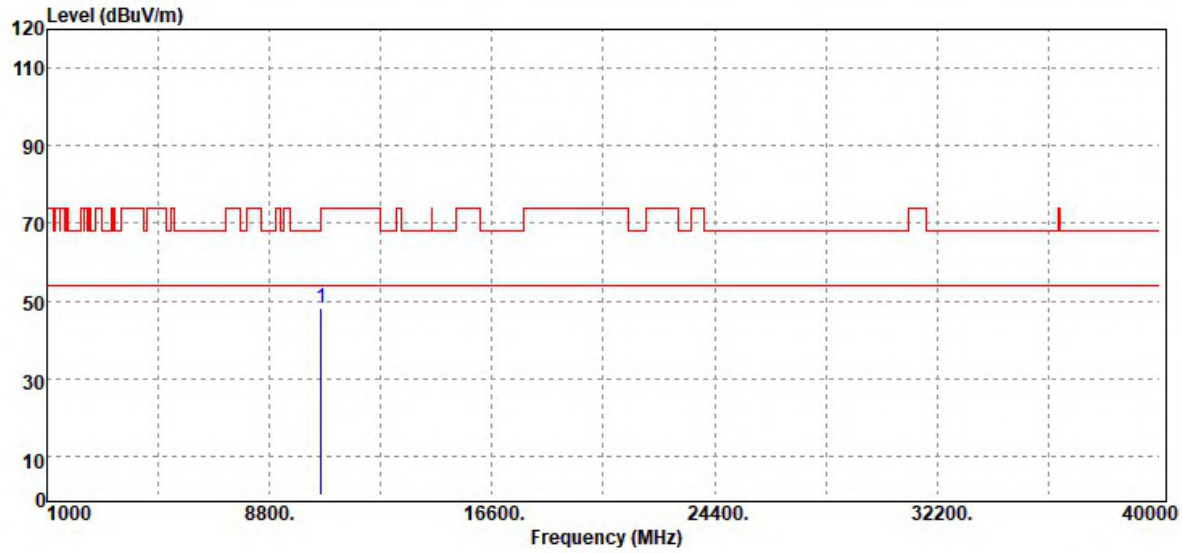



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10620.00 | Peak | 33.44 | 14.81 | 48.25 | 74.00 | -25.75 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5310 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

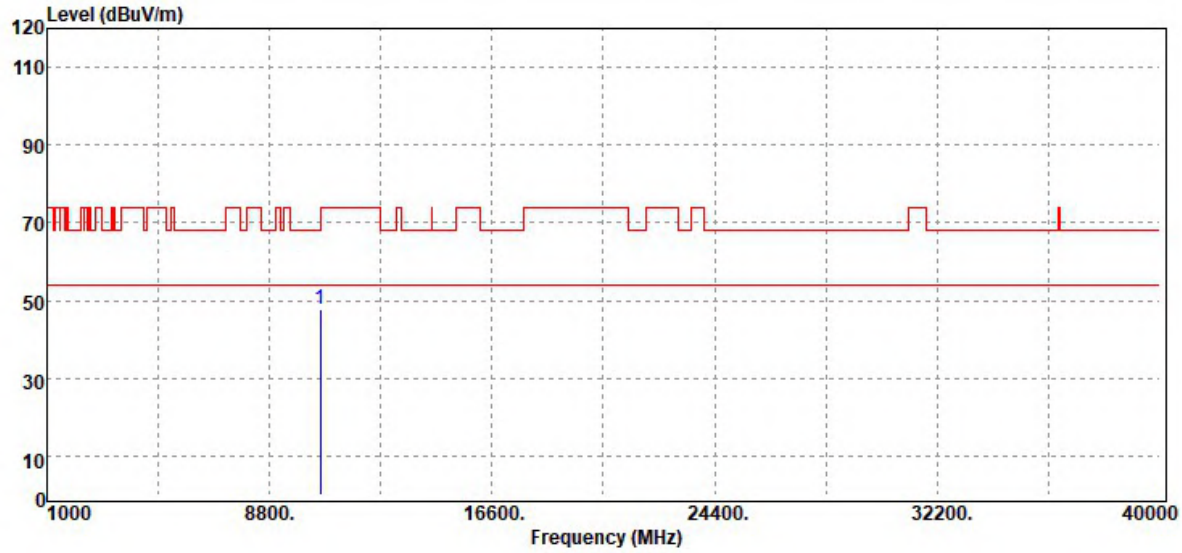



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10620.00 | Peak | 33.50 | 14.81 | 48.31 | 74.00 | -25.69 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5290 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

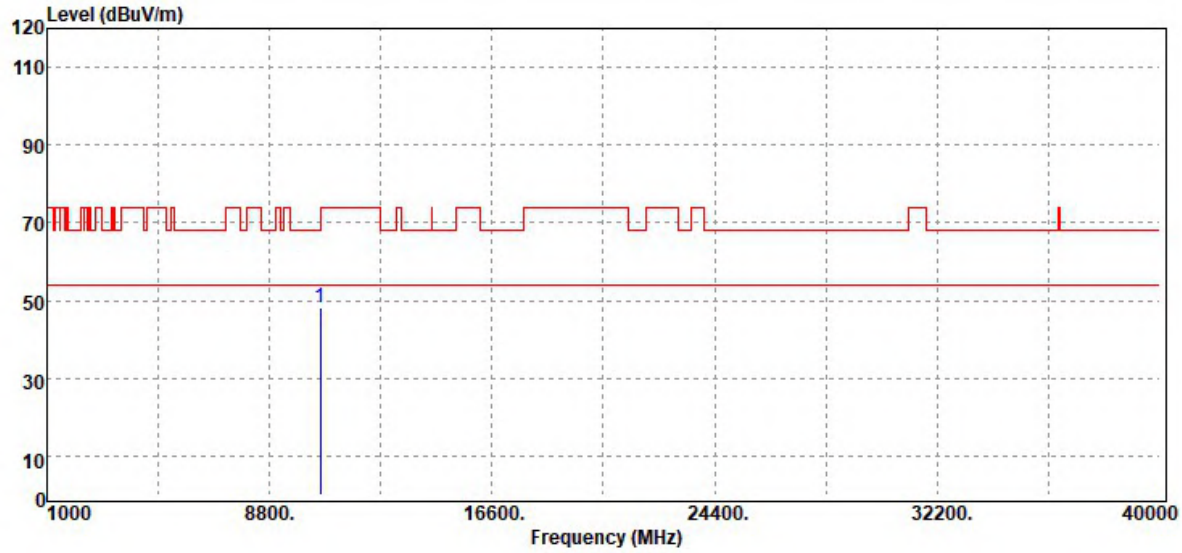



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10580.00 | Peak | 33.23 | 14.56 | 47.79 | 68.20 | -20.41 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5290 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |



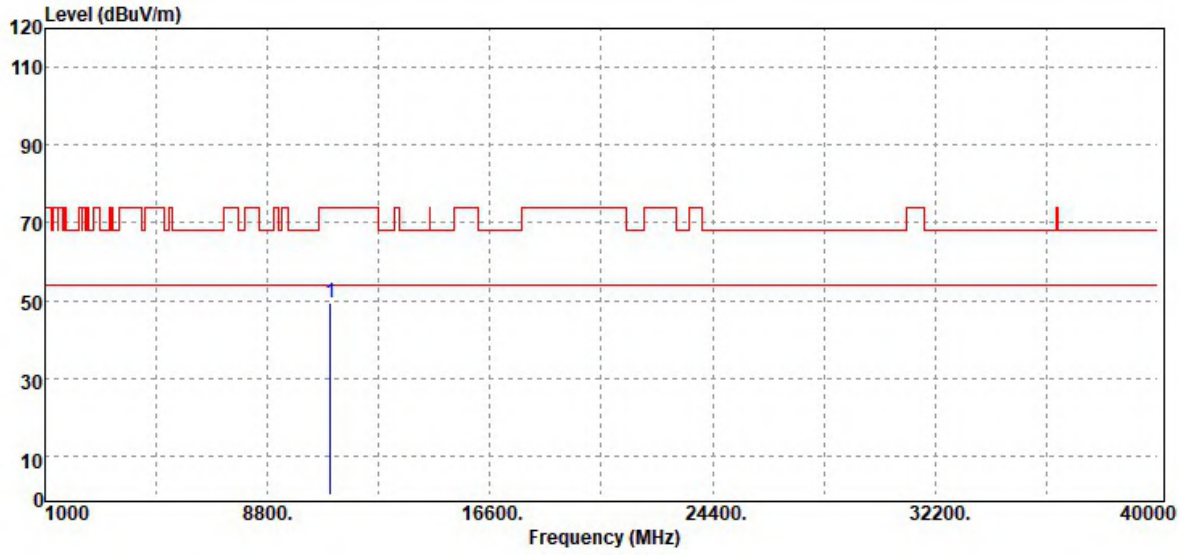

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10580.00 | Peak | 33.63 | 14.56 | 48.19 | 68.20 | -20.01 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

## Test Data for UNII-2c

| Test Mode | IEEE 802.11a / 5500 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

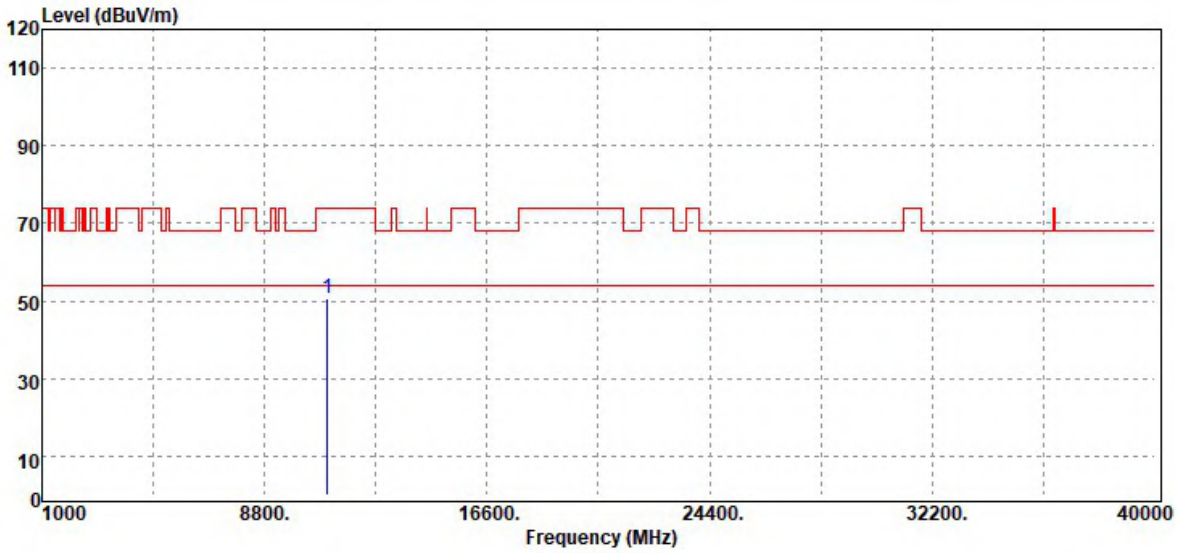



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 33.79 | 15.80 | 49.59 | 74.00 | -24.41 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5500 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

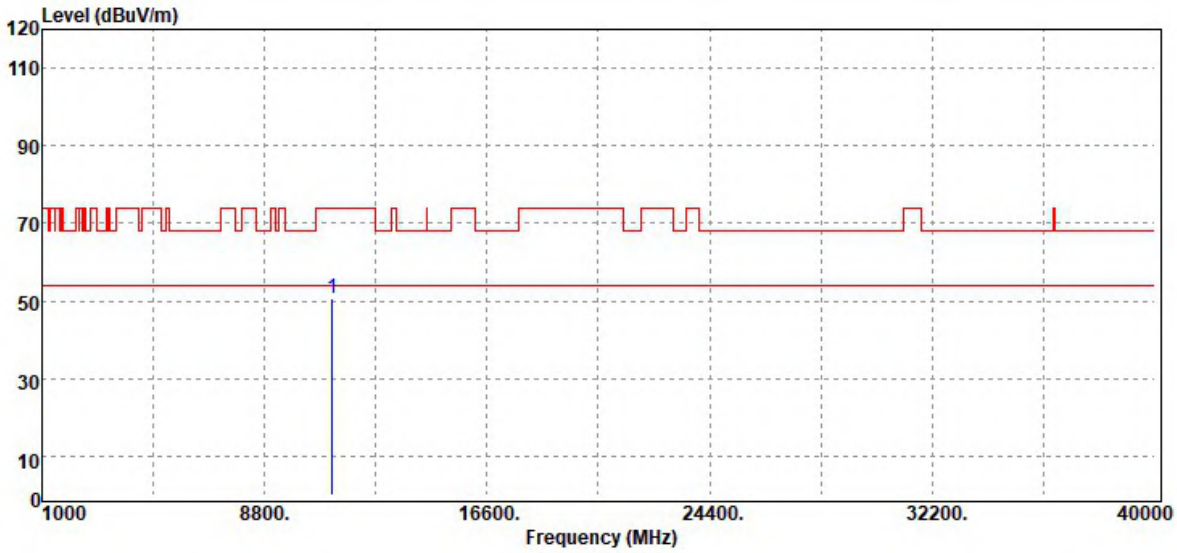



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 34.85 | 15.80 | 50.65 | 74.00 | -23.35 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5580 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

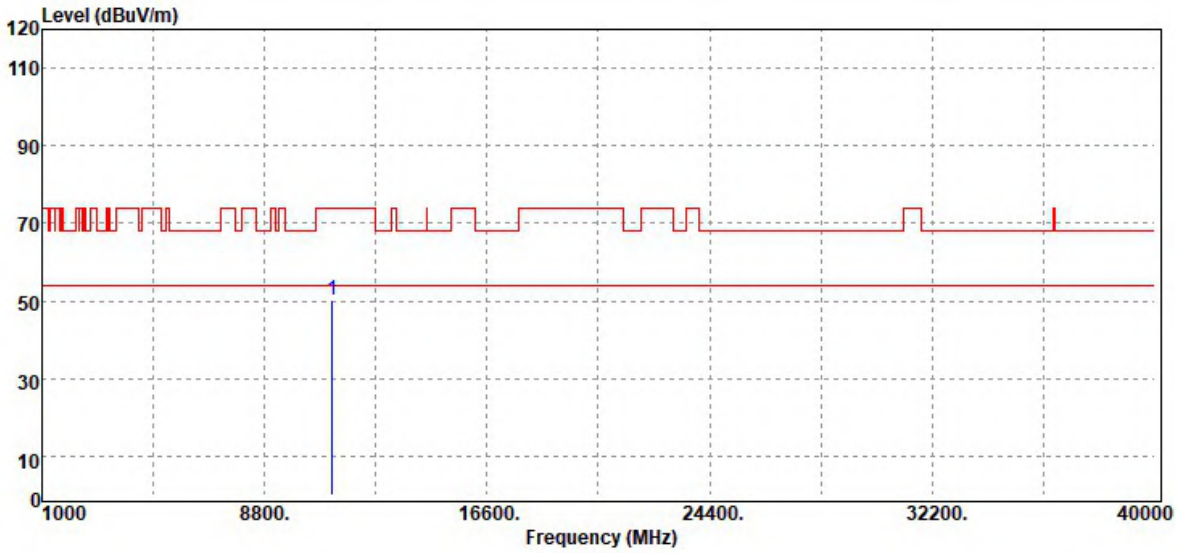



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 34.35 | 16.17 | 50.52 | 74.00 | -23.48 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5580 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

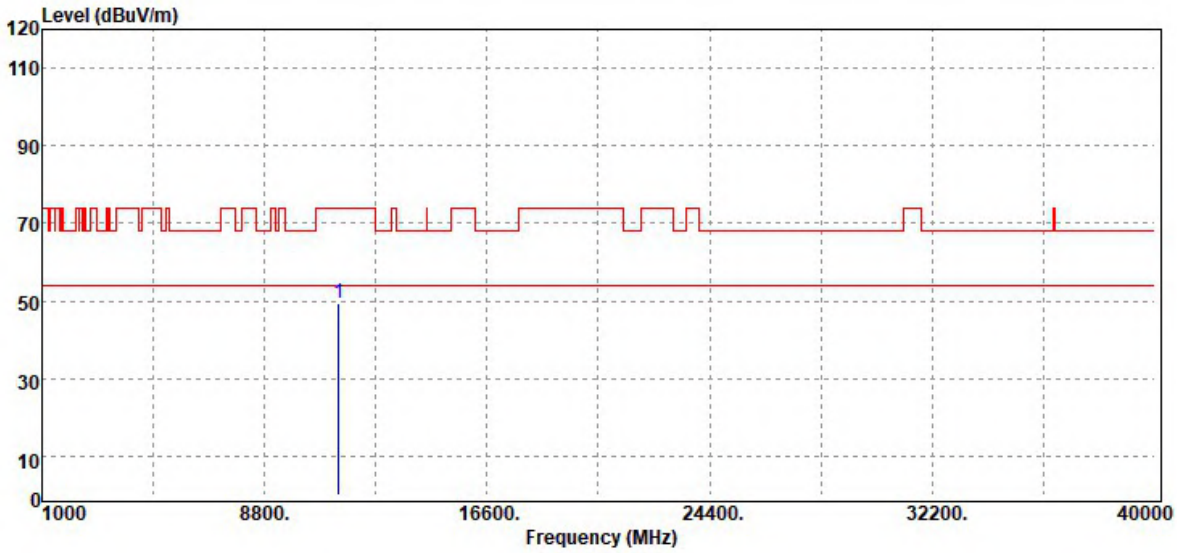



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 34.01 | 16.17 | 50.18 | 74.00 | -23.82 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

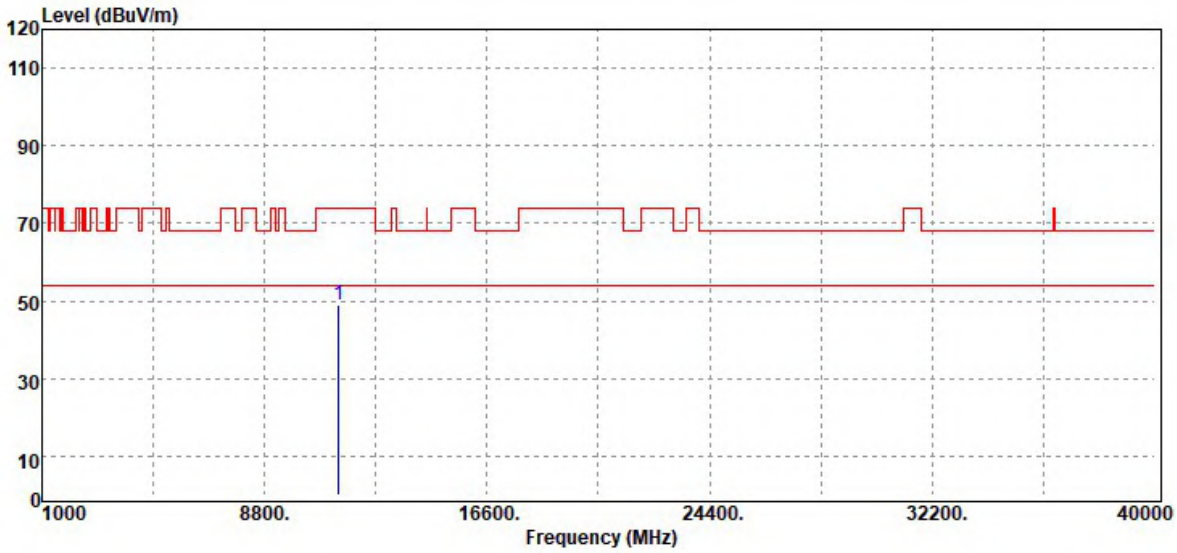



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.39 | 15.94 | 49.33 | 74.00 | -24.67 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

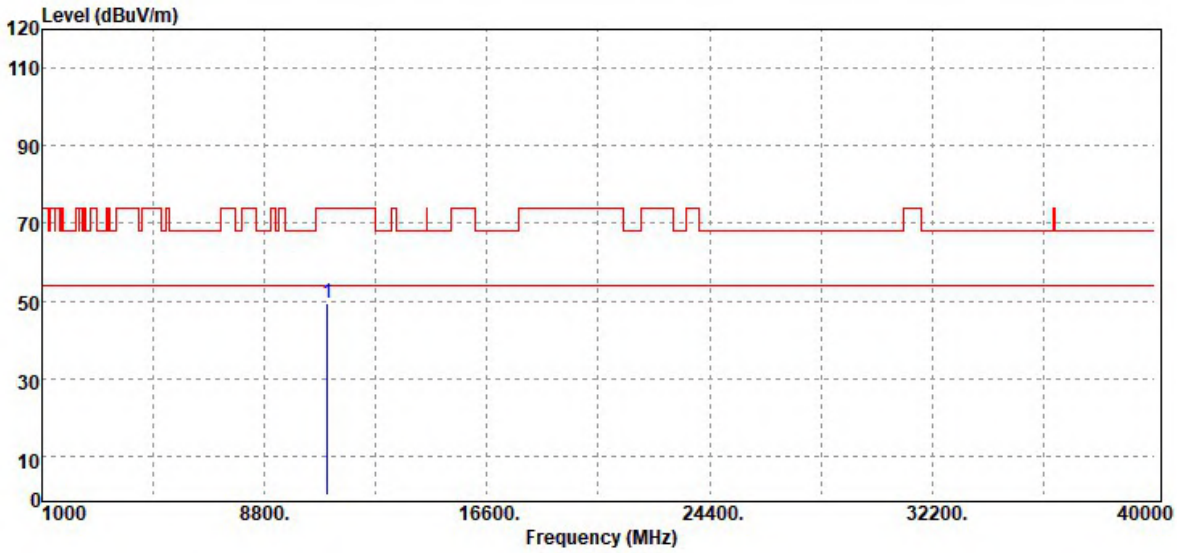



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.11 | 15.94 | 49.05 | 74.00 | -24.95 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5500 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

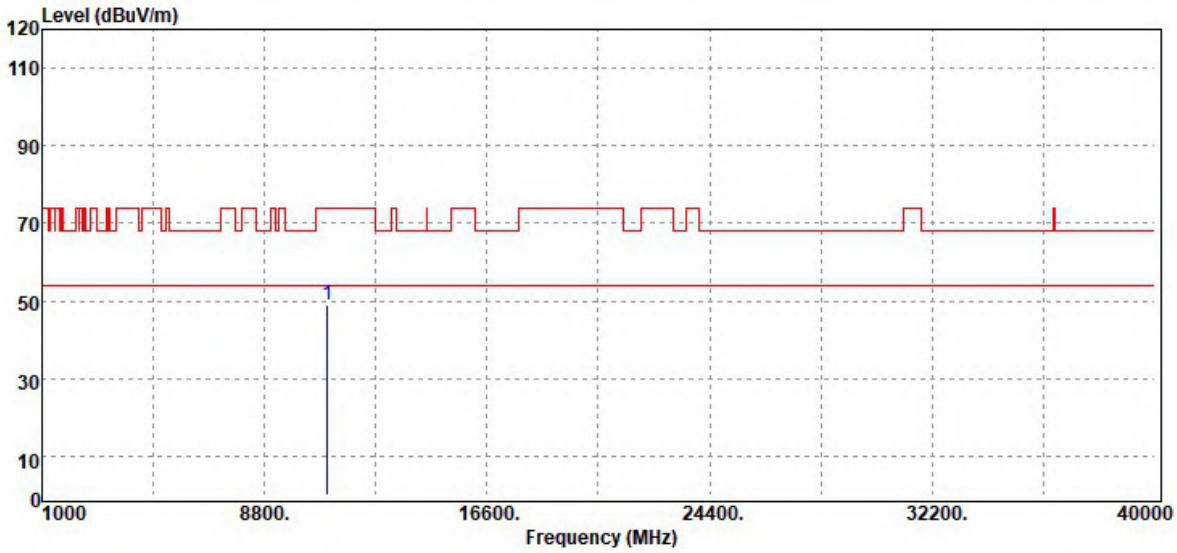



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 33.65 | 15.80 | 49.45 | 74.00 | -24.55 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5500 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

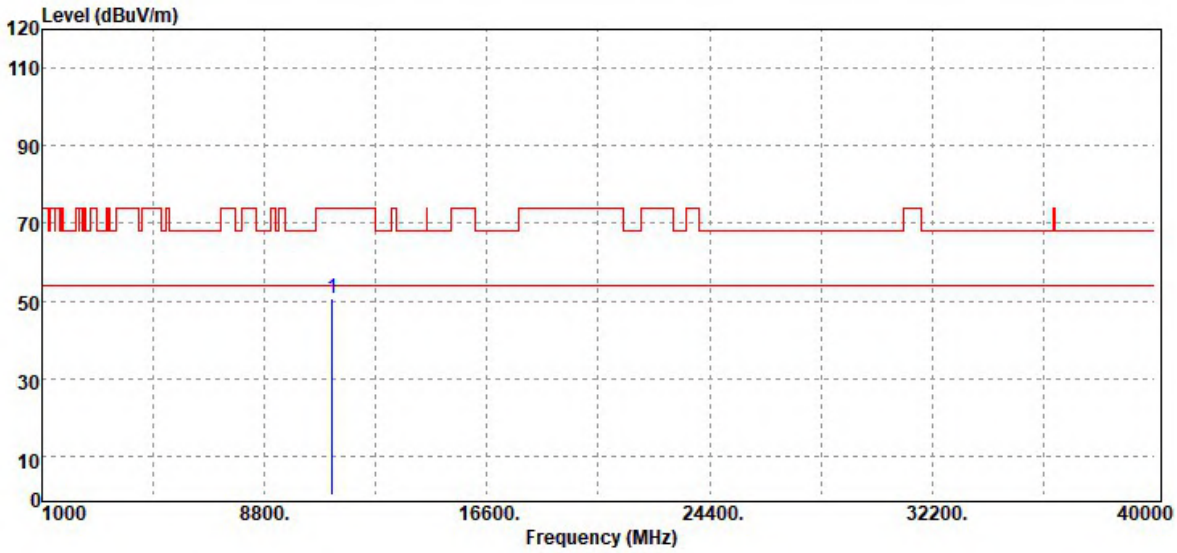



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 33.40 | 15.80 | 49.20 | 74.00 | -24.80 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5580 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

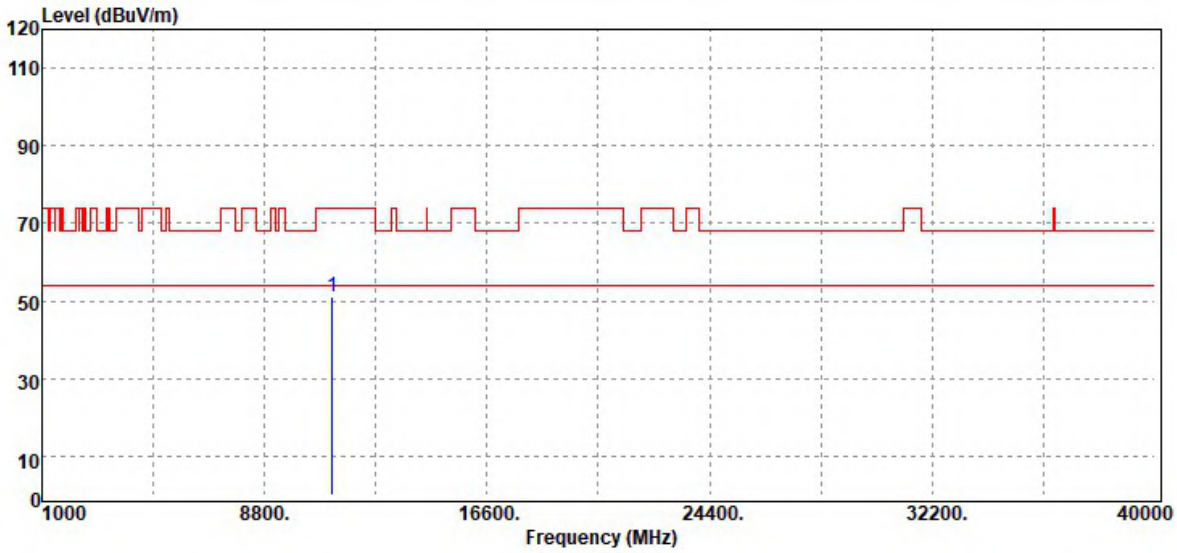



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 34.68 | 16.17 | 50.85 | 74.00 | -23.15 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5580 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

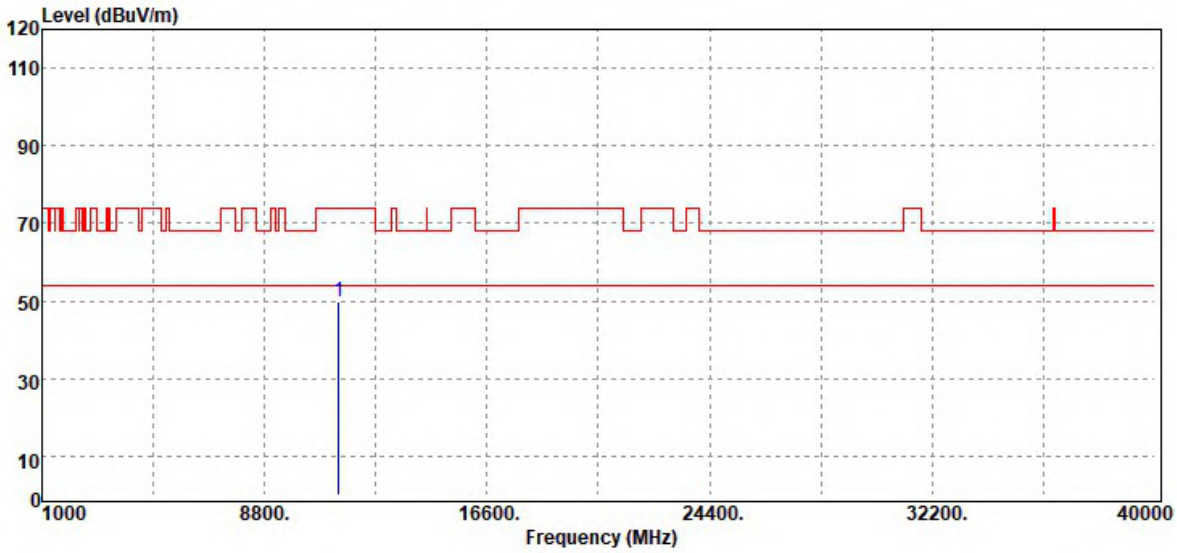



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 34.71 | 16.17 | 50.88 | 74.00 | -23.12 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

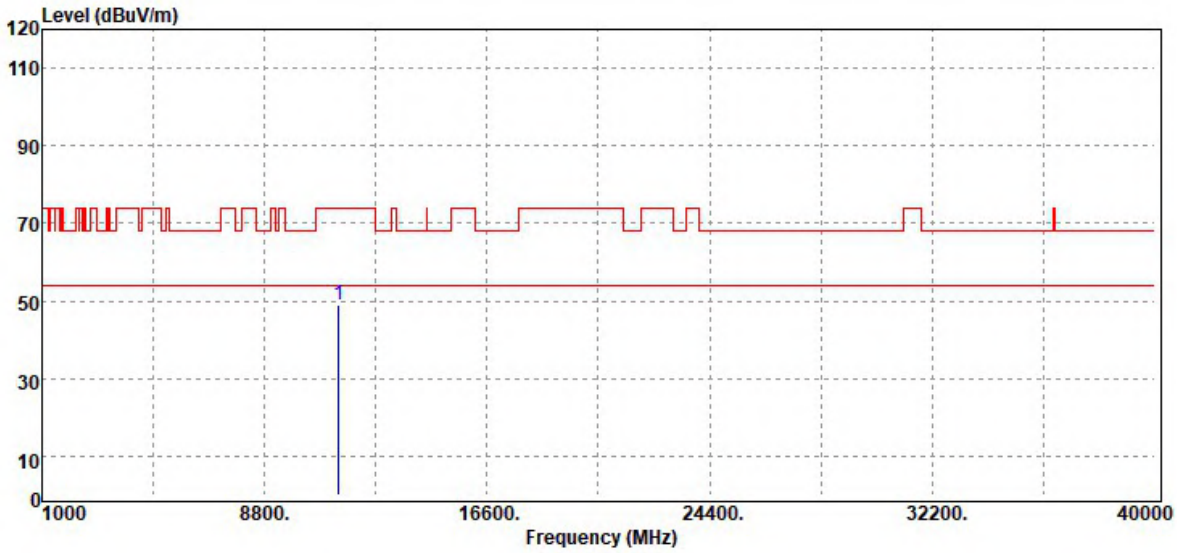



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.76 | 15.94 | 49.70 | 74.00 | -24.30 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

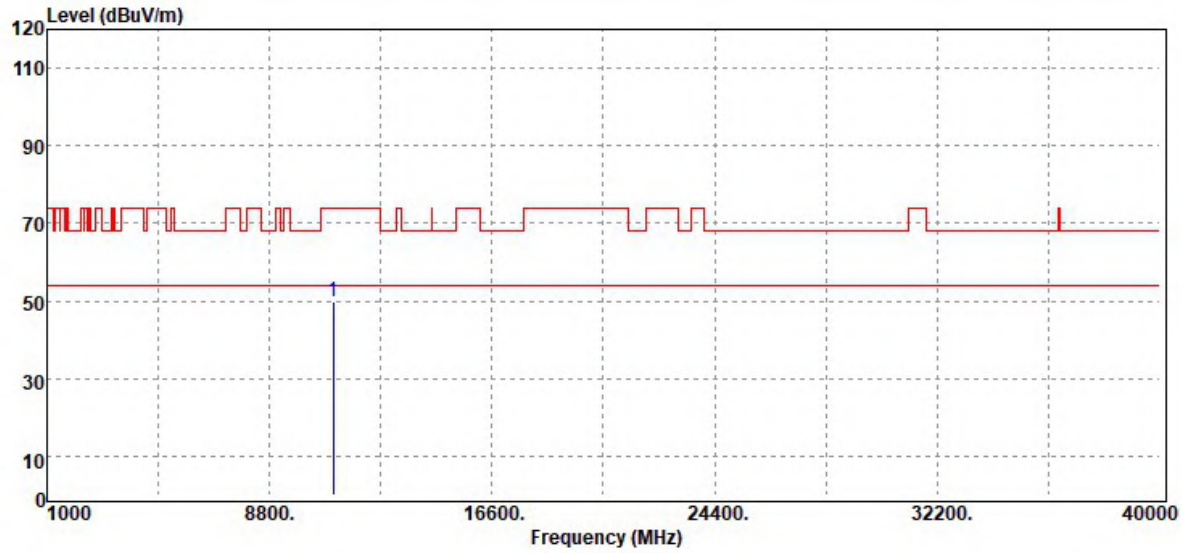



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.15 | 15.94 | 49.09 | 74.00 | -24.91 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

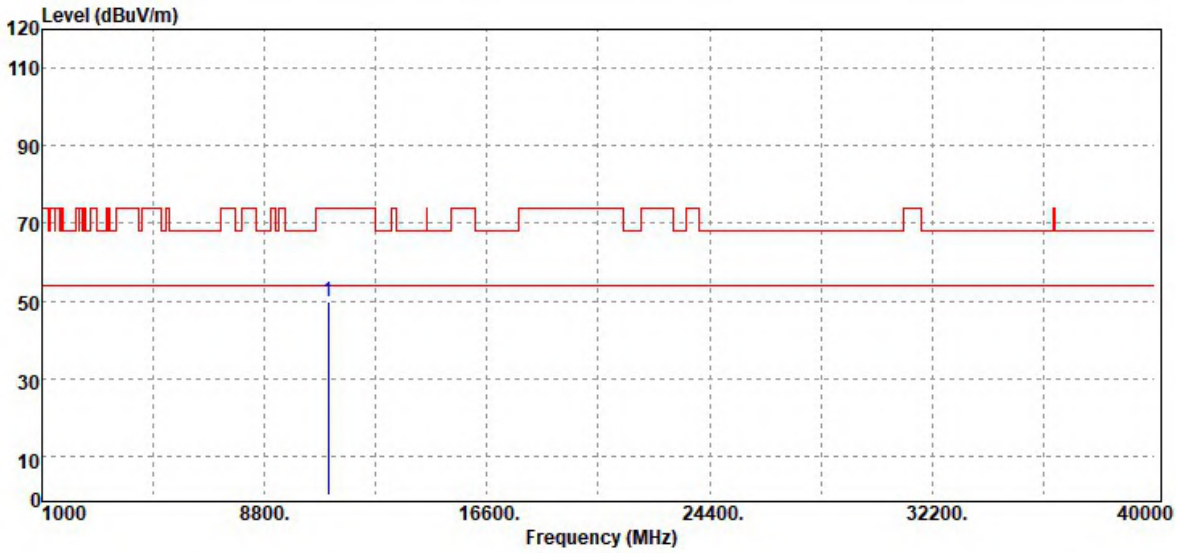



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11020.00 | Peak | 34.11 | 15.84 | 49.95 | 74.00 | -24.05 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

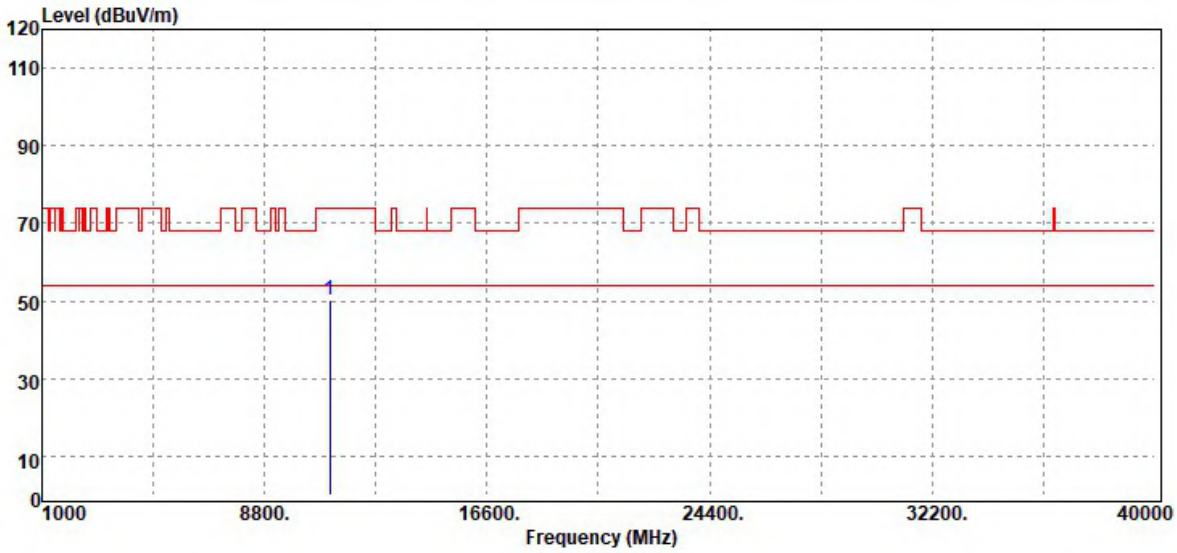



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11020.00 | Peak | 34.12 | 15.84 | 49.96 | 74.00 | -24.04 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5550 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

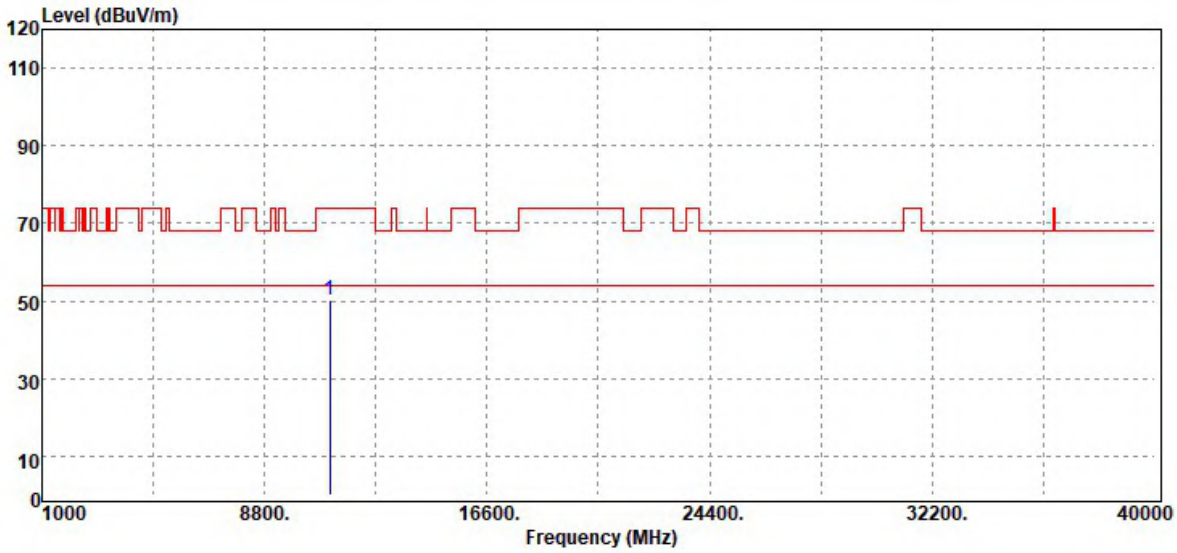



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11100.00 | Peak | 33.80 | 16.39 | 50.19 | 74.00 | -23.81 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5550 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

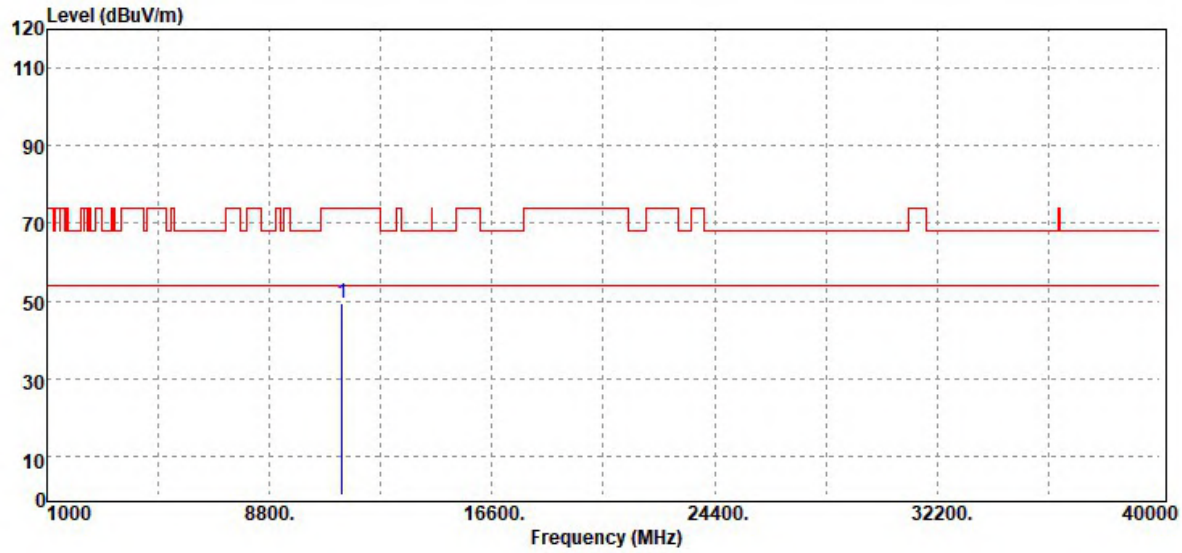



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11100.00 | Peak | 34.05 | 16.39 | 50.44 | 74.00 | -23.56 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

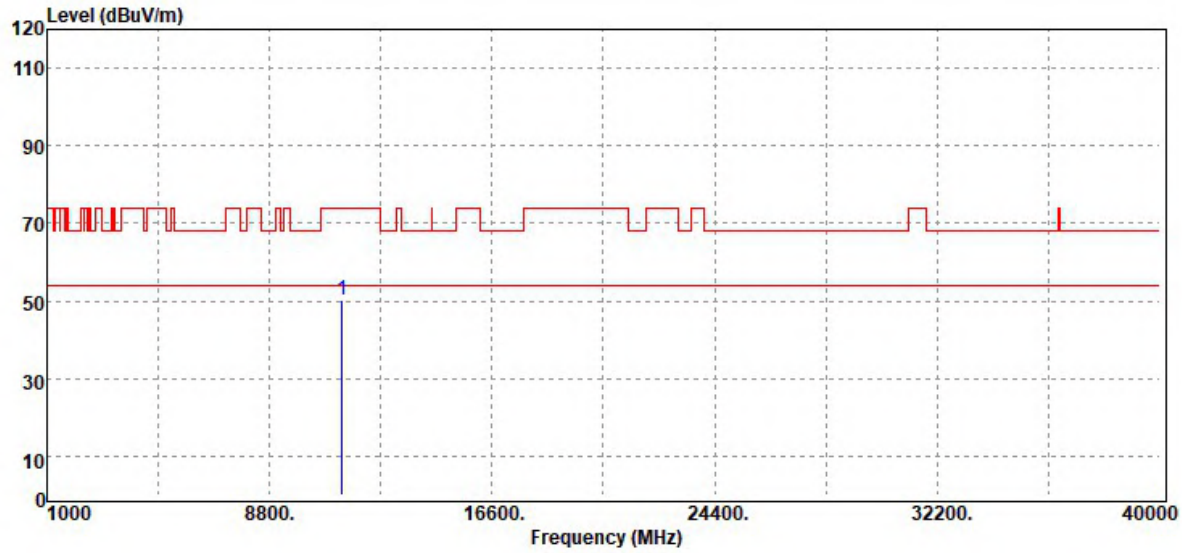



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11340.00 | Peak | 33.59 | 15.99 | 49.58 | 74.00 | -24.42 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

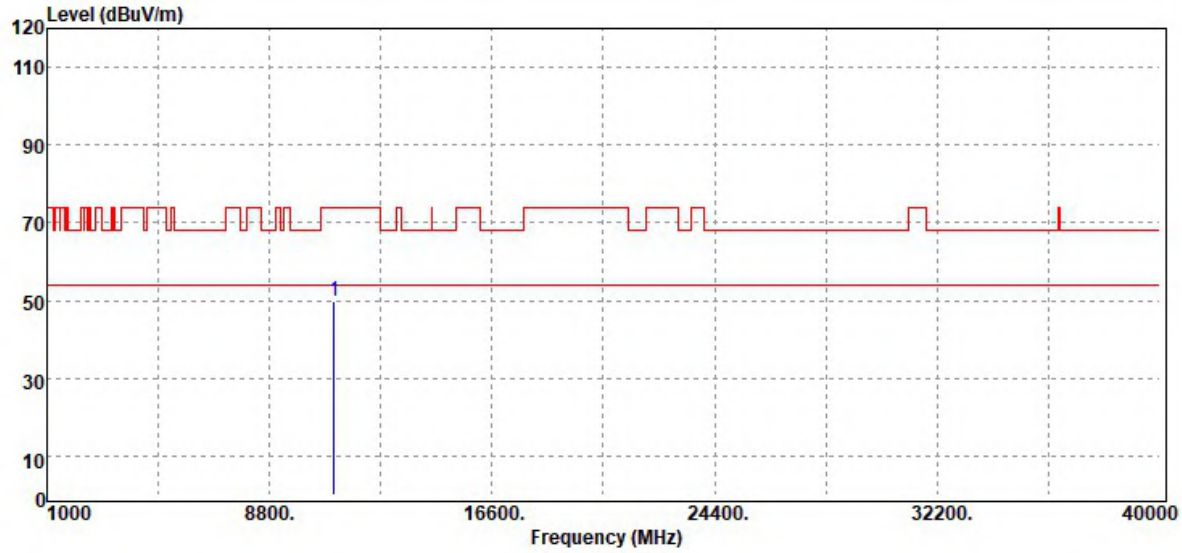



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11340.00 | Peak | 34.34 | 15.99 | 50.33 | 74.00 | -23.67 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

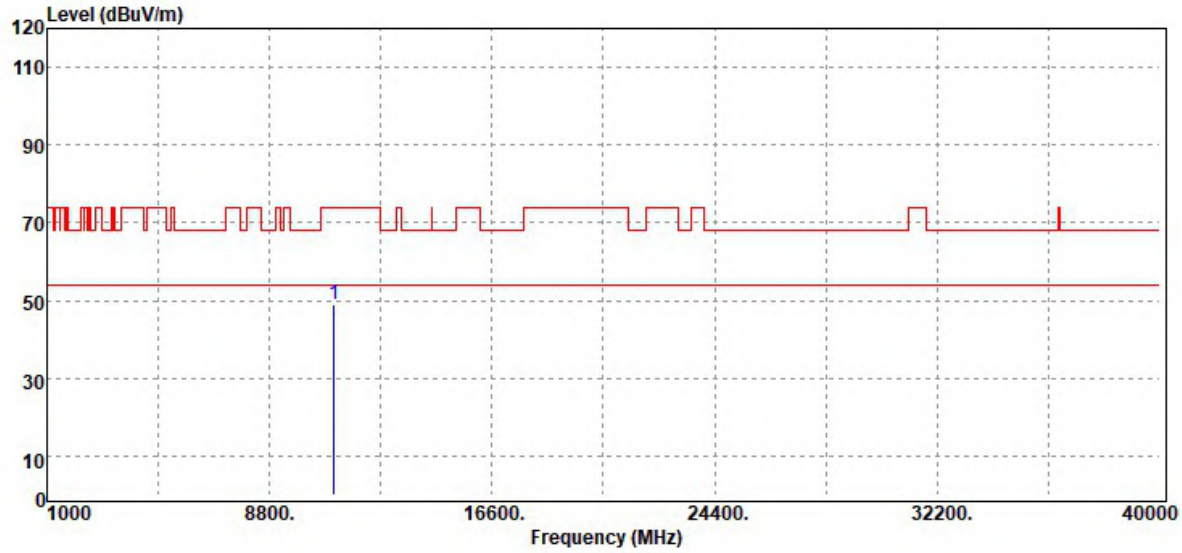



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11060.00 | Peak | 33.83 | 16.08 | 49.91 | 74.00 | -24.09 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

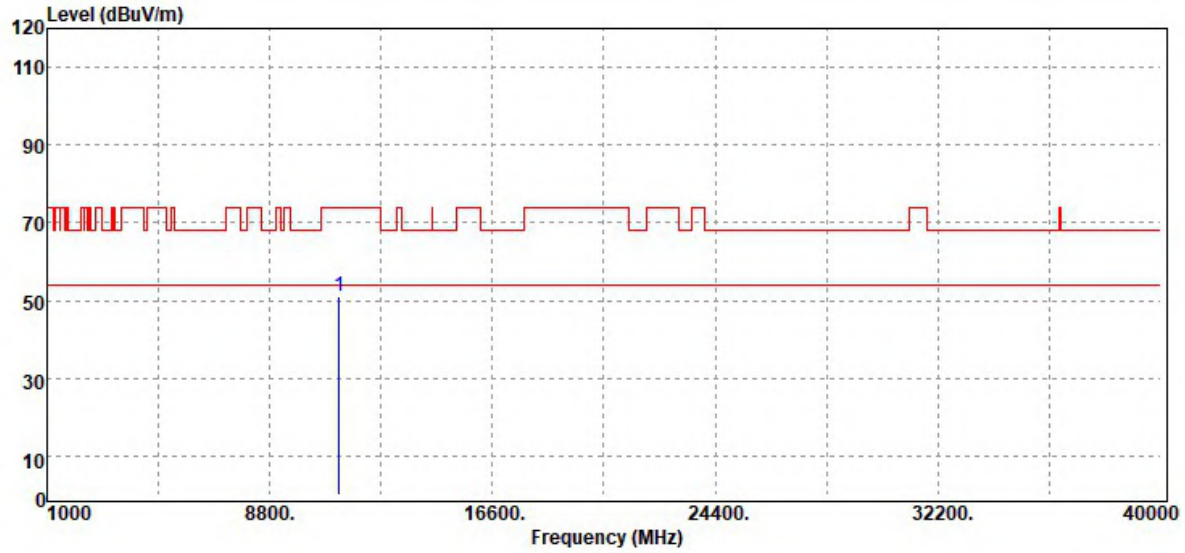



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11060.00 | Peak | 32.91 | 16.08 | 48.99 | 74.00 | -25.01 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5610MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | April 15, 2020 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

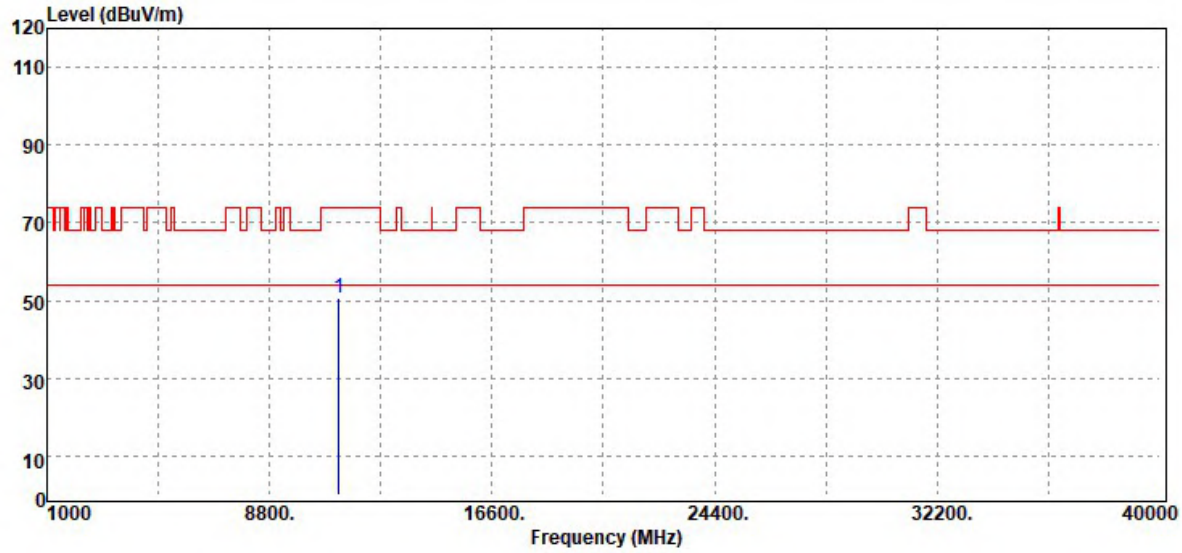



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11220.00 | Peak | 34.63 | 16.45 | 51.08 | 74.00 | -22.92 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5610 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | April 15, 2020 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |



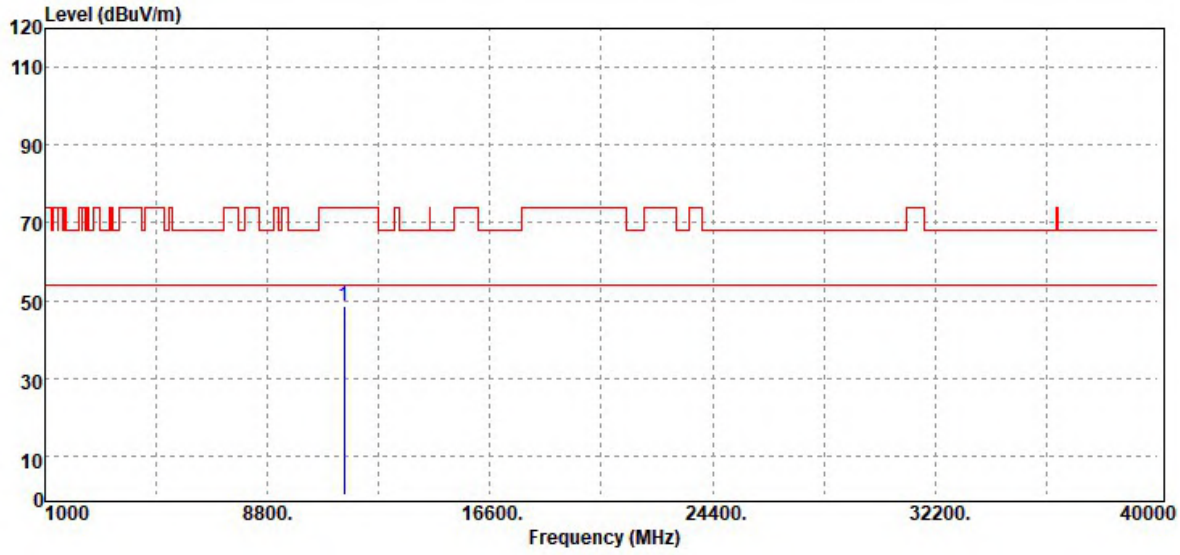

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11220.00 | Peak | 34.11 | 16.45 | 50.56 | 74.00 | -23.44 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

## Test Data for UNII-3

| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

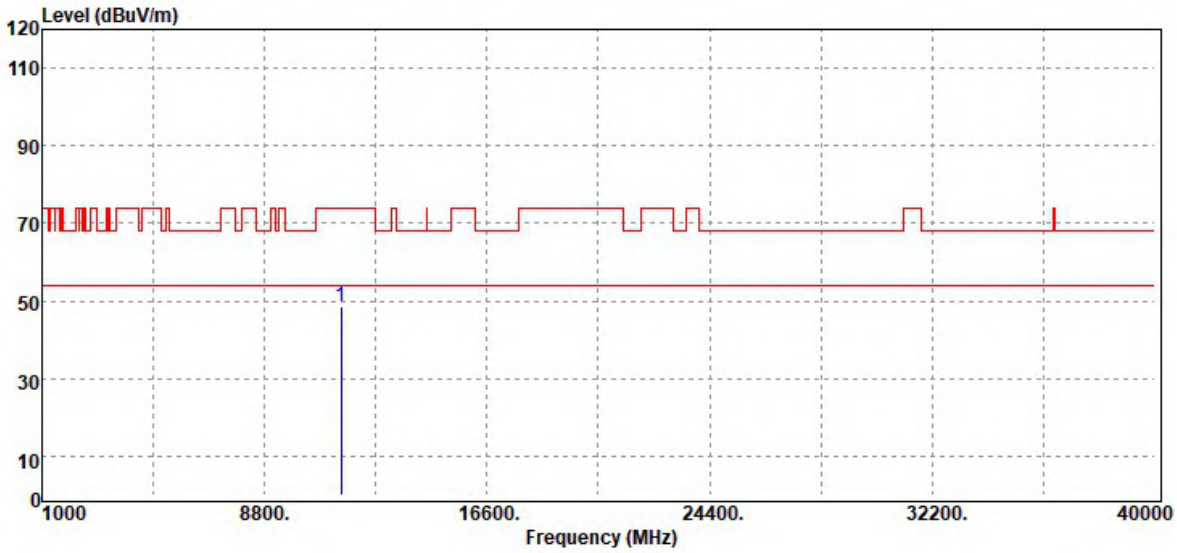



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 33.17 | 15.57 | 48.74 | 74.00 | -25.26 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

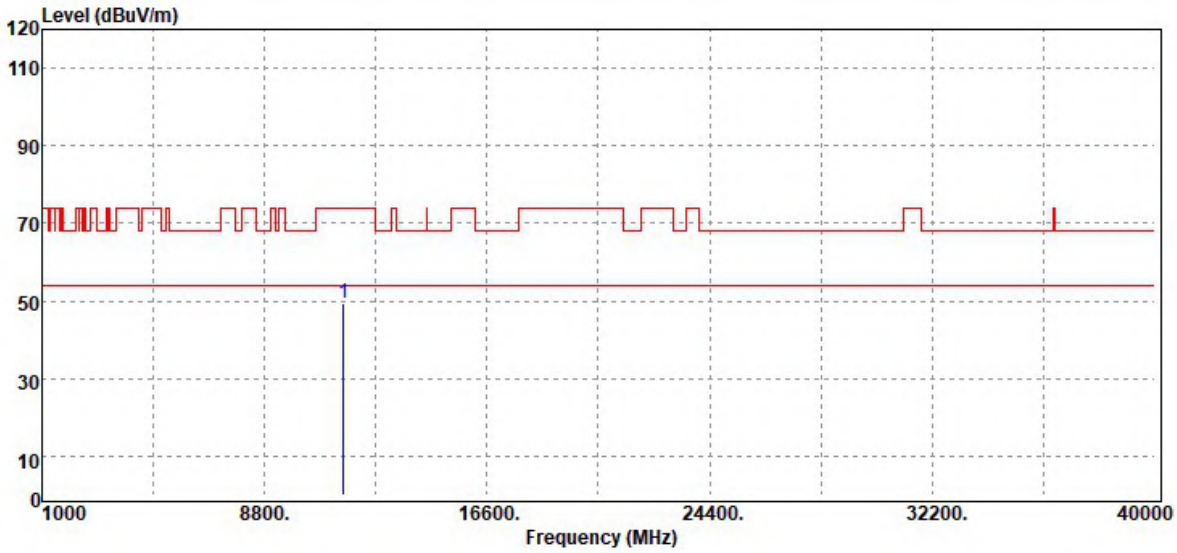



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 33.08 | 15.57 | 48.65 | 74.00 | -25.35 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5785 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

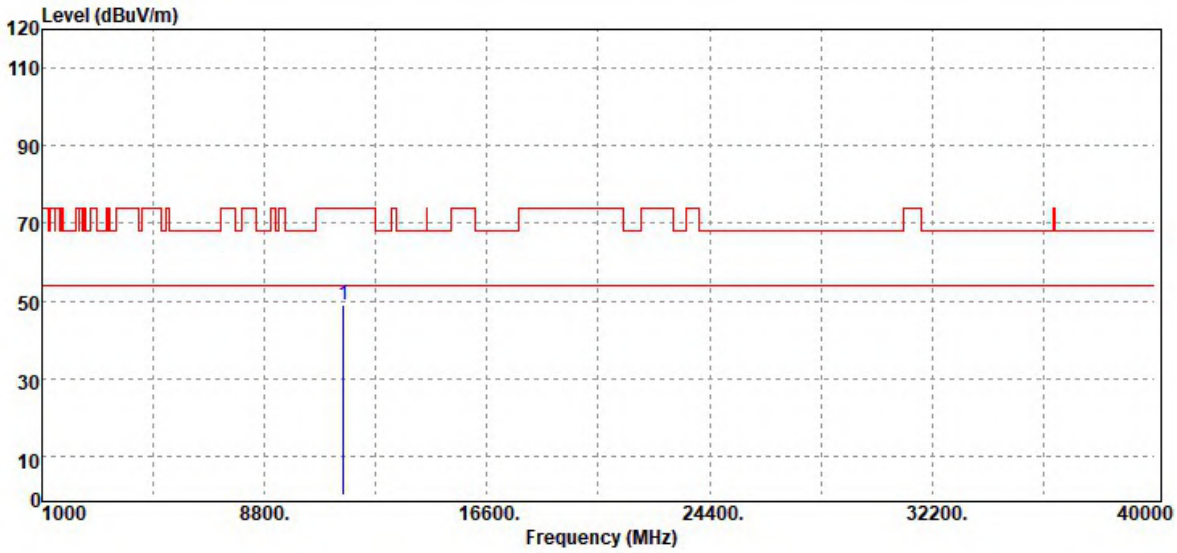



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 33.89 | 15.50 | 49.39 | 74.00 | -24.61 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5785 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

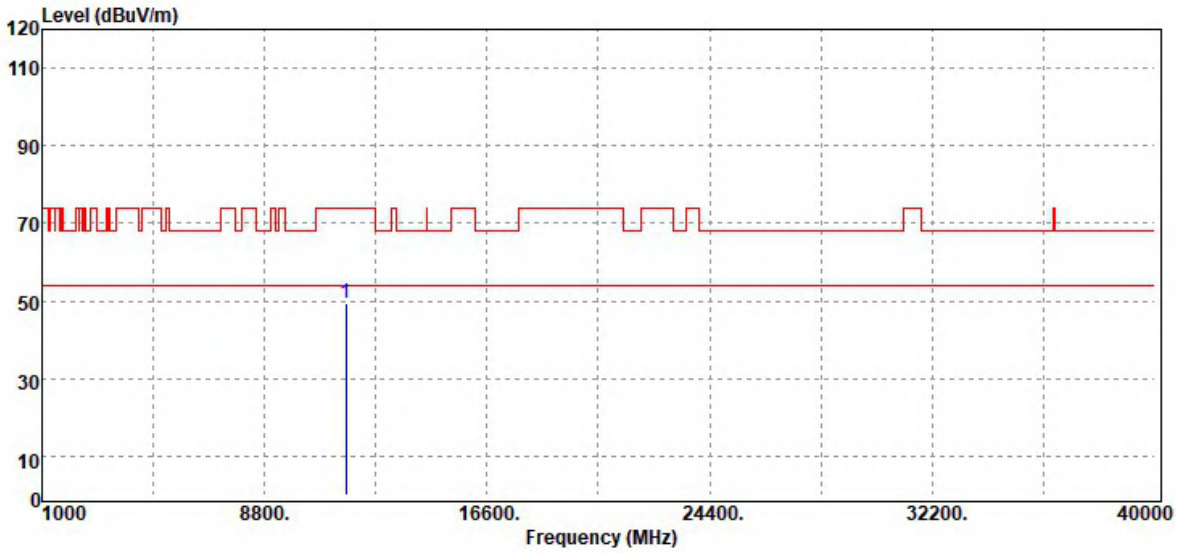



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 33.45 | 15.50 | 48.95 | 74.00 | -25.05 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

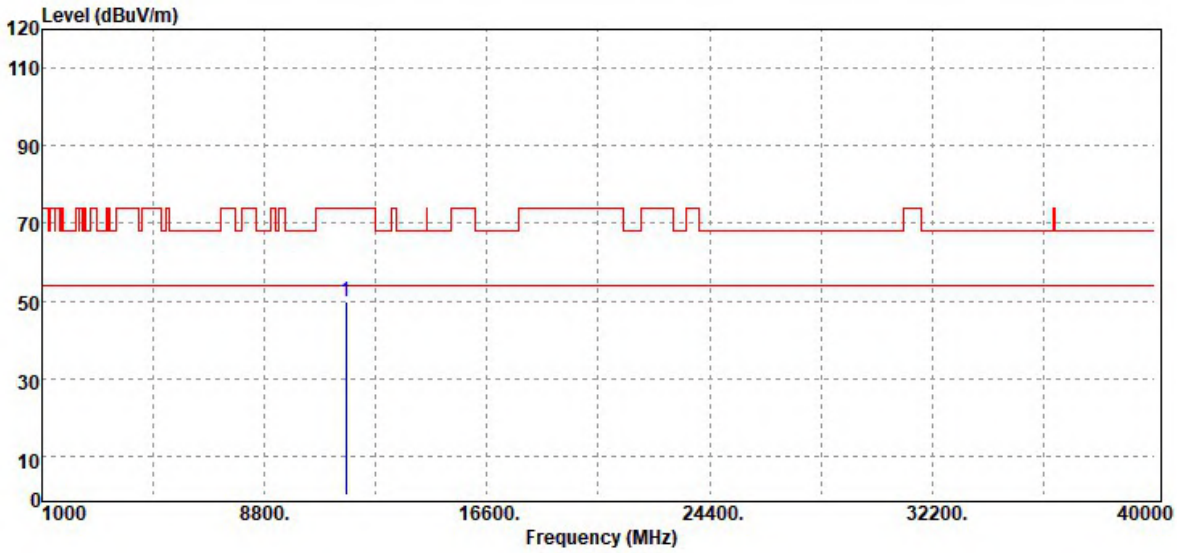



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 34.02 | 15.53 | 49.55 | 74.00 | -24.45 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

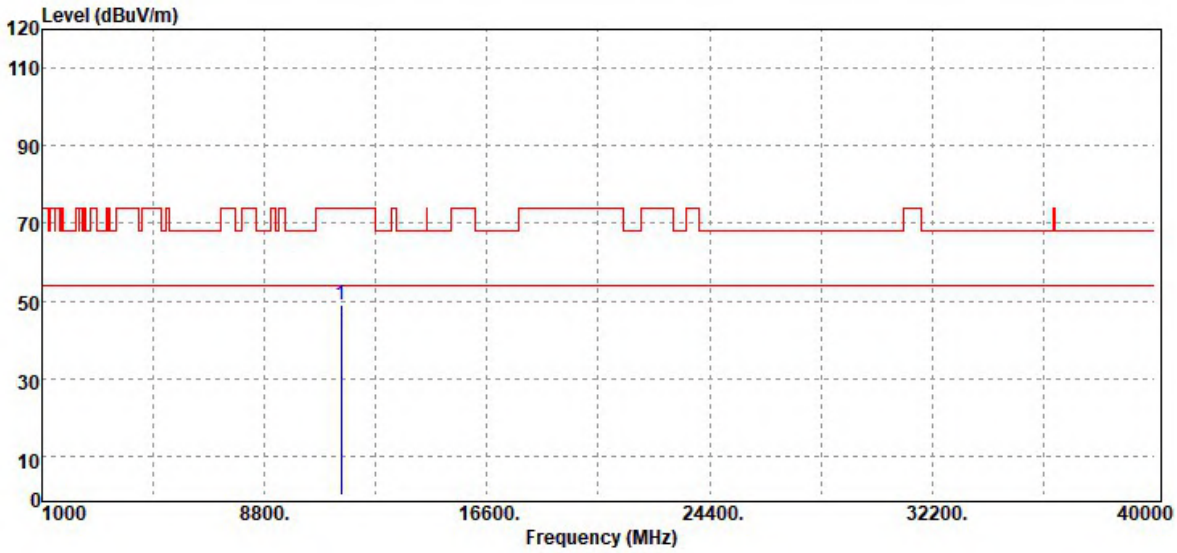



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 34.15 | 15.53 | 49.68 | 74.00 | -24.32 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

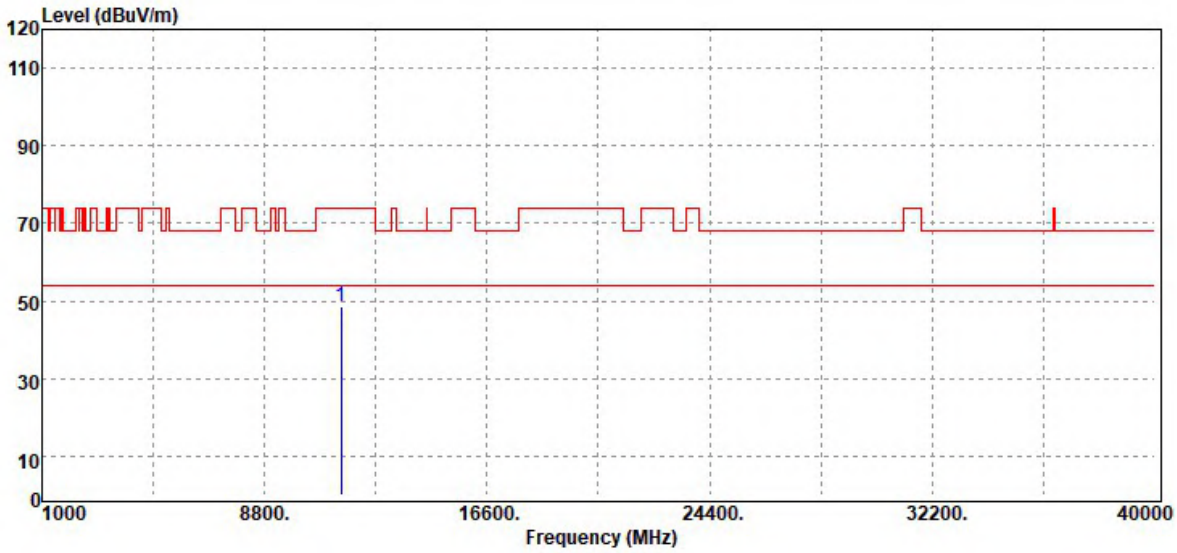



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 33.44 | 15.57 | 49.01 | 74.00 | -24.99 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

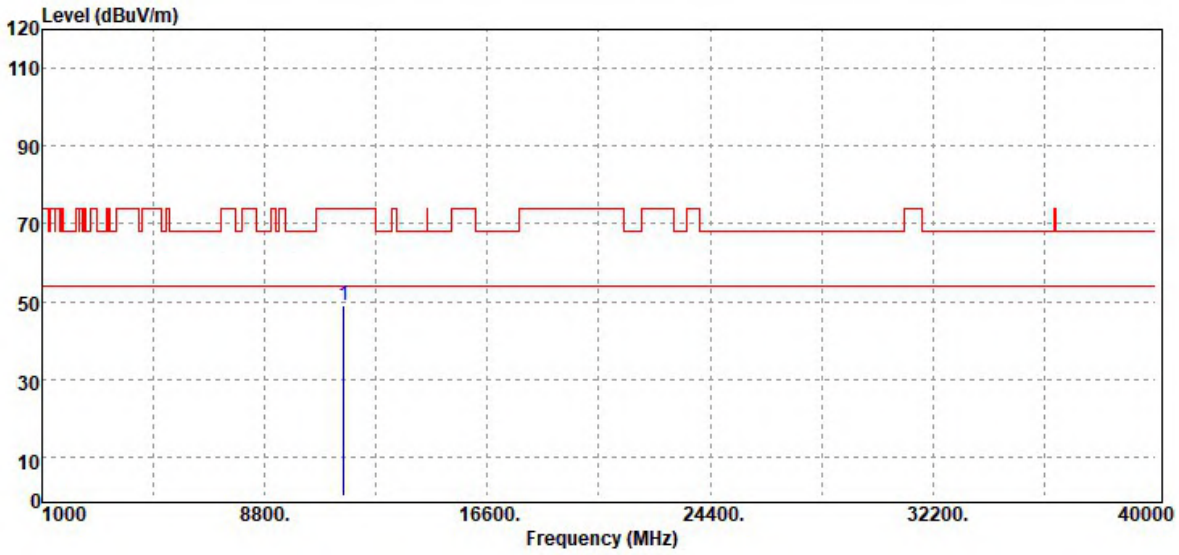



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 33.21 | 15.57 | 48.78 | 74.00 | -25.22 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5785 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

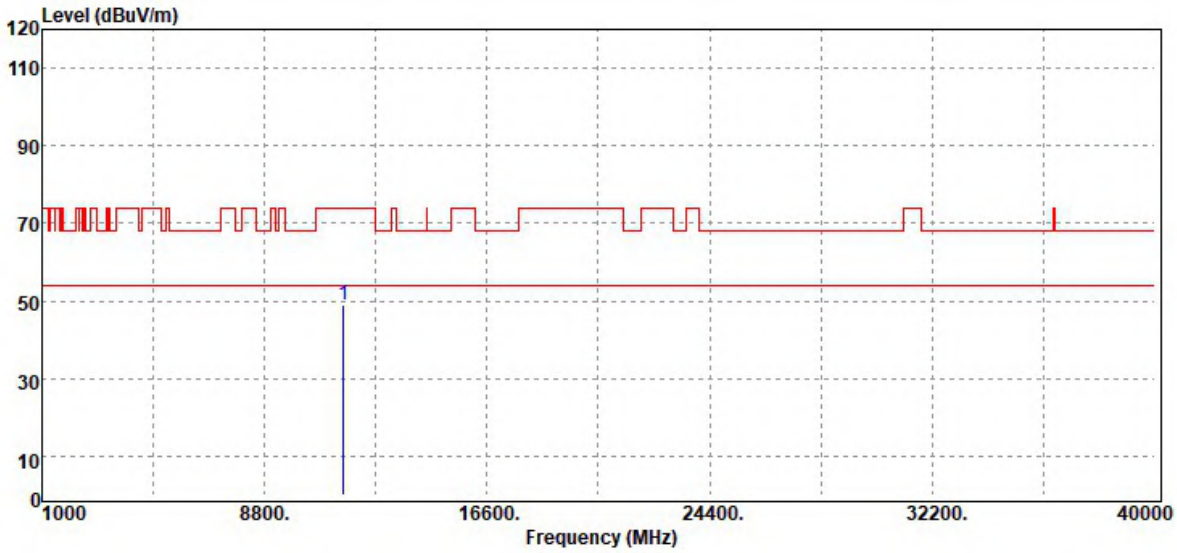



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 33.52 | 15.50 | 49.02 | 74.00 | -24.98 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5785 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |




| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 33.66 | 15.50 | 49.16 | 74.00 | -24.84 |
| N/A | | | | | | |
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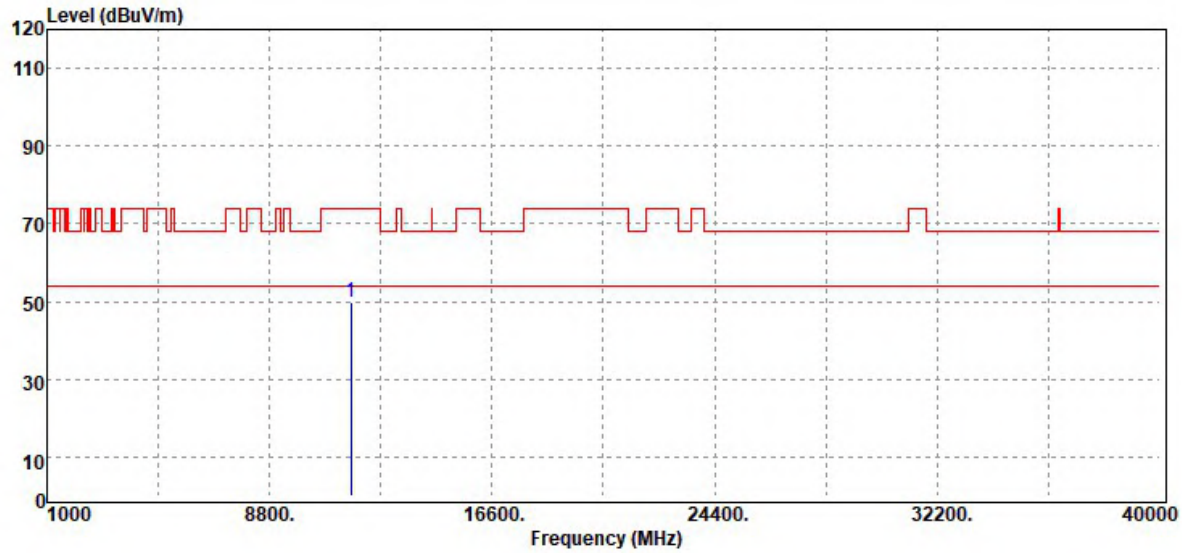
***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5825 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

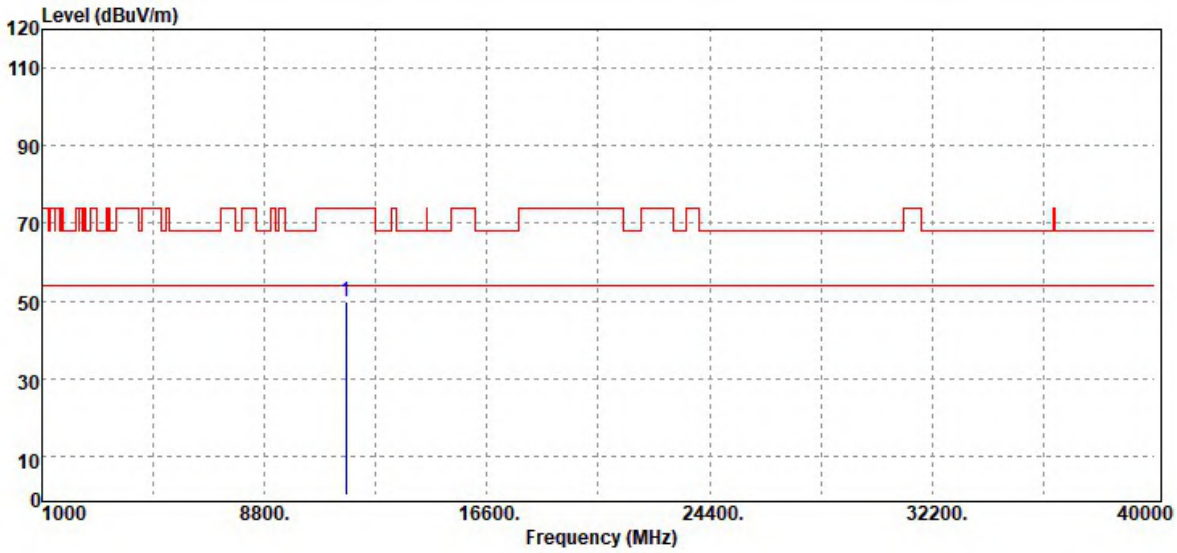



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 34.47 | 15.53 | 50.00 | 74.00 | -24.00 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5825 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

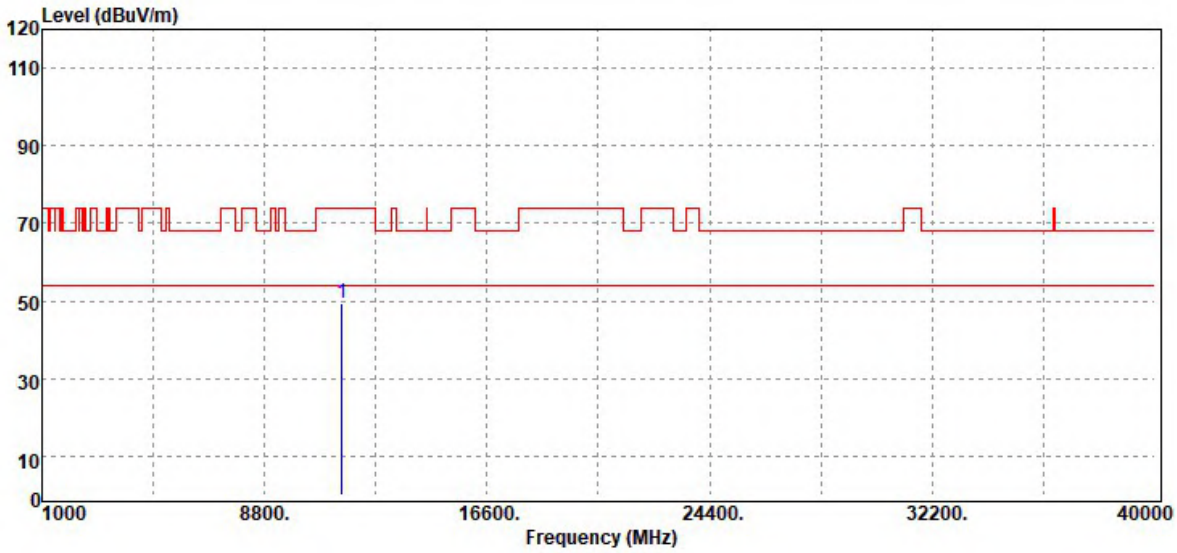



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 34.12 | 15.53 | 49.65 | 74.00 | -24.35 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5755 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

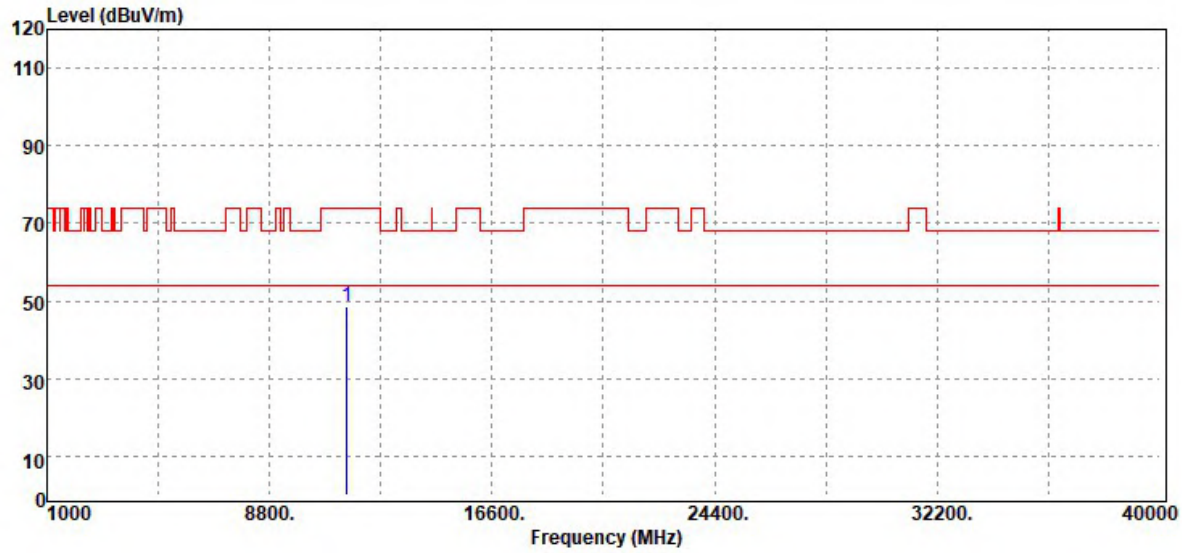



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11510.00 | Peak | 34.06 | 15.35 | 49.41 | 74.00 | -24.59 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5755 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

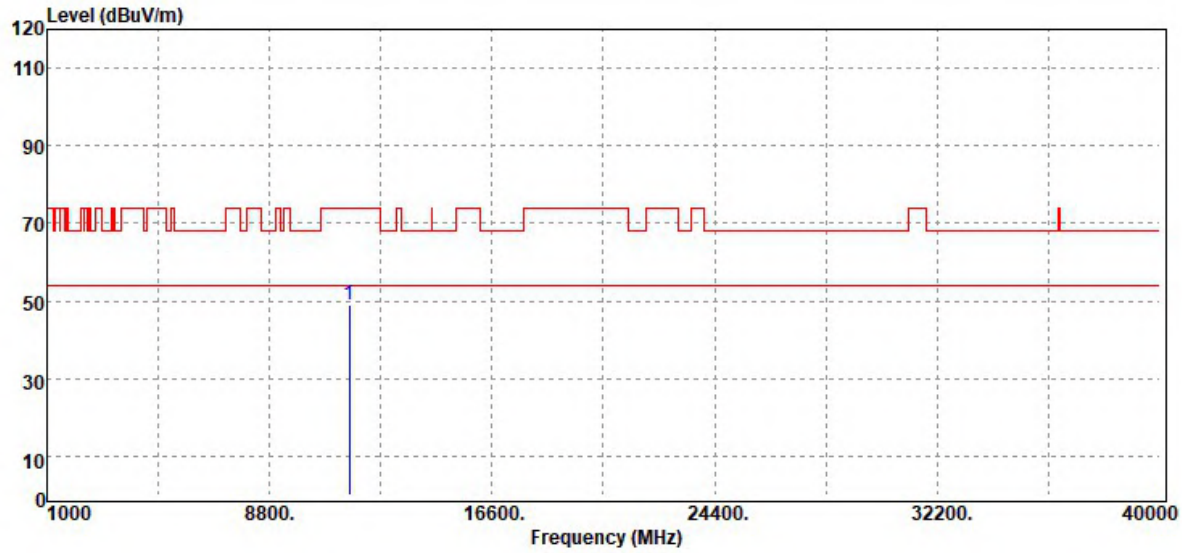



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11510.00 | Peak | 33.19 | 15.35 | 48.54 | 74.00 | -25.46 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5795 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

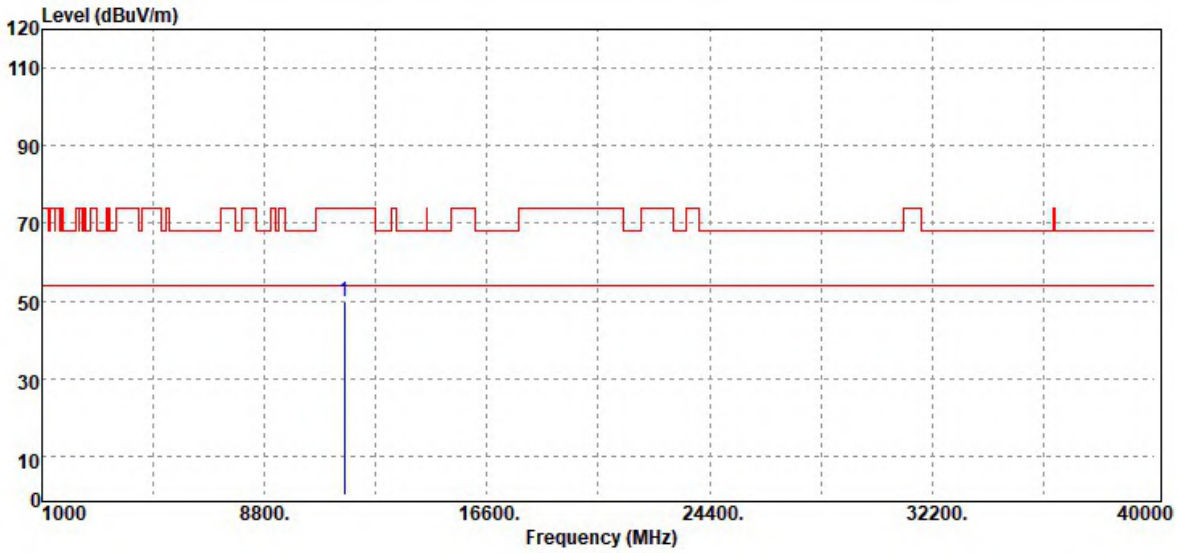



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11590.00 | Peak | 33.47 | 15.62 | 49.09 | 74.00 | -24.91 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5795 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

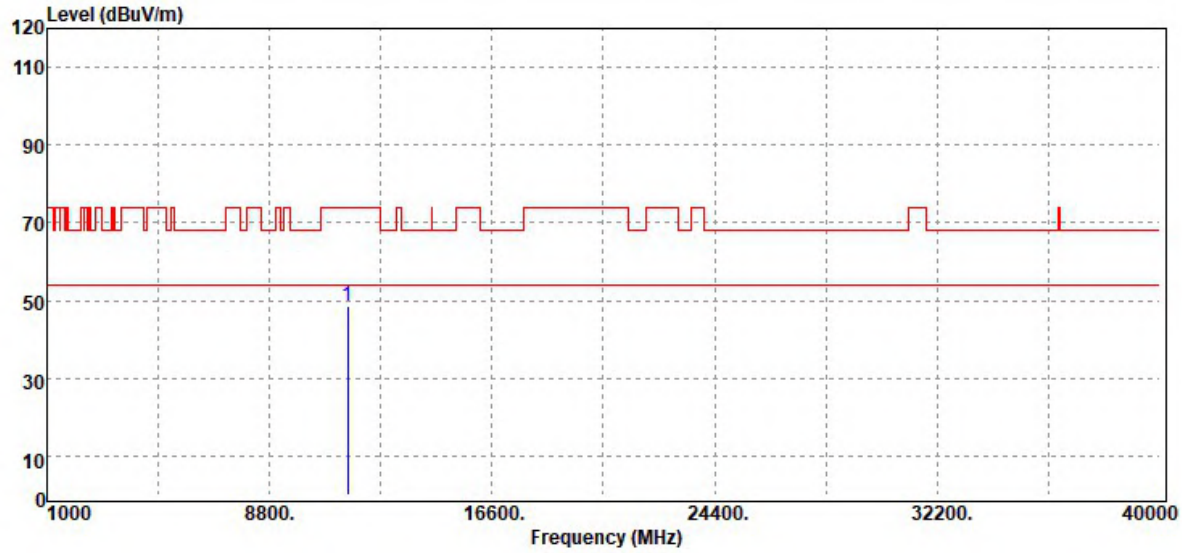



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11590.00 | Peak | 34.41 | 15.62 | 50.03 | 74.00 | -23.97 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80/ 5775 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

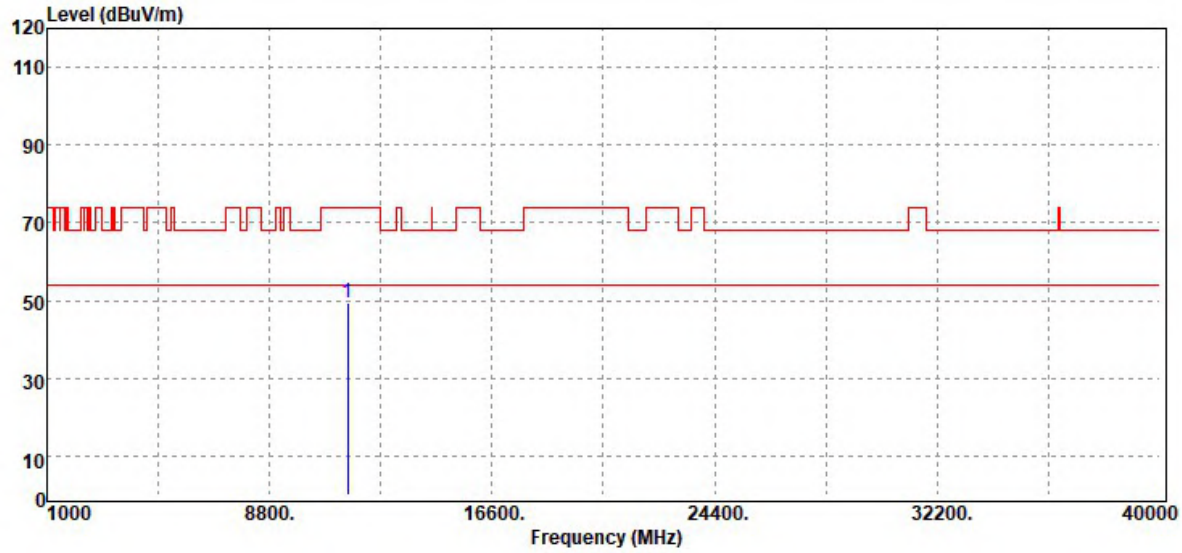



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11550.00 | Peak | 33.24 | 15.39 | 48.63 | 74.00 | -25.37 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80/ 5775 MHz | Temp/Hum | 22.5(℃)/ 59%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | November 29, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |




| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11550.00 | Peak | 33.84 | 15.39 | 49.23 | 74.00 | -24.77 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

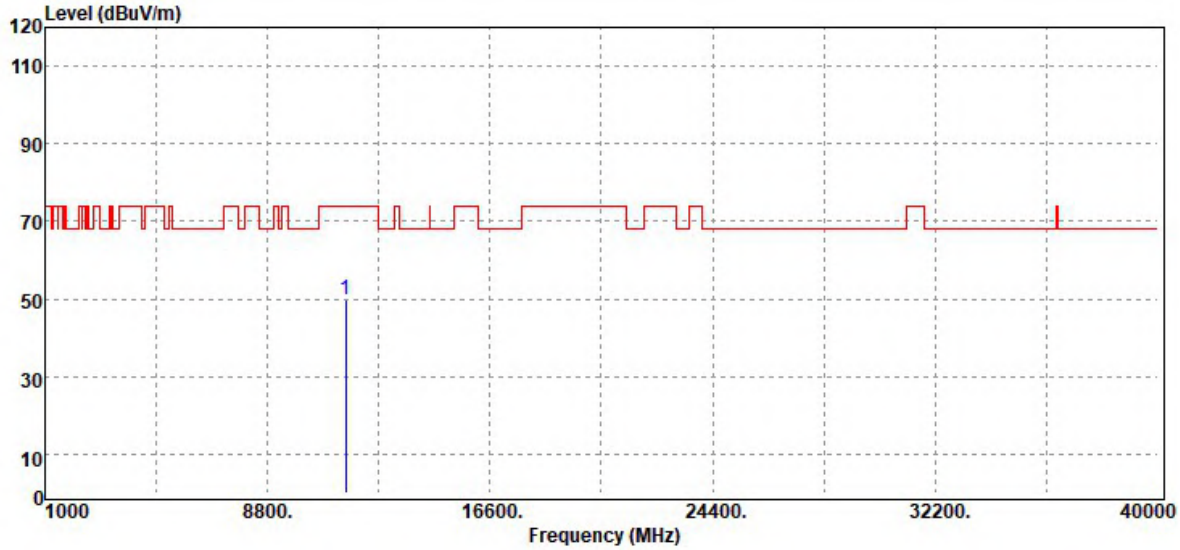
***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

**Dipole Antenna**

**Test Data for UNII-1**

| Test Mode | IEEE 802.11a / 5180MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

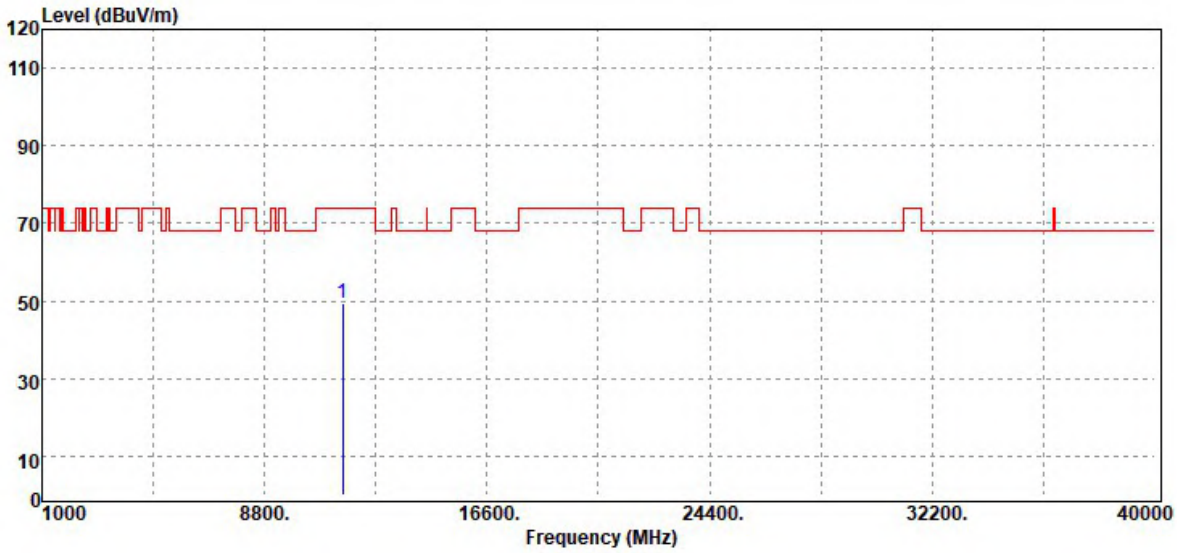



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11550.00 | Peak | 34.35 | 15.39 | 49.74 | 74.00 | -24.26 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5180MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

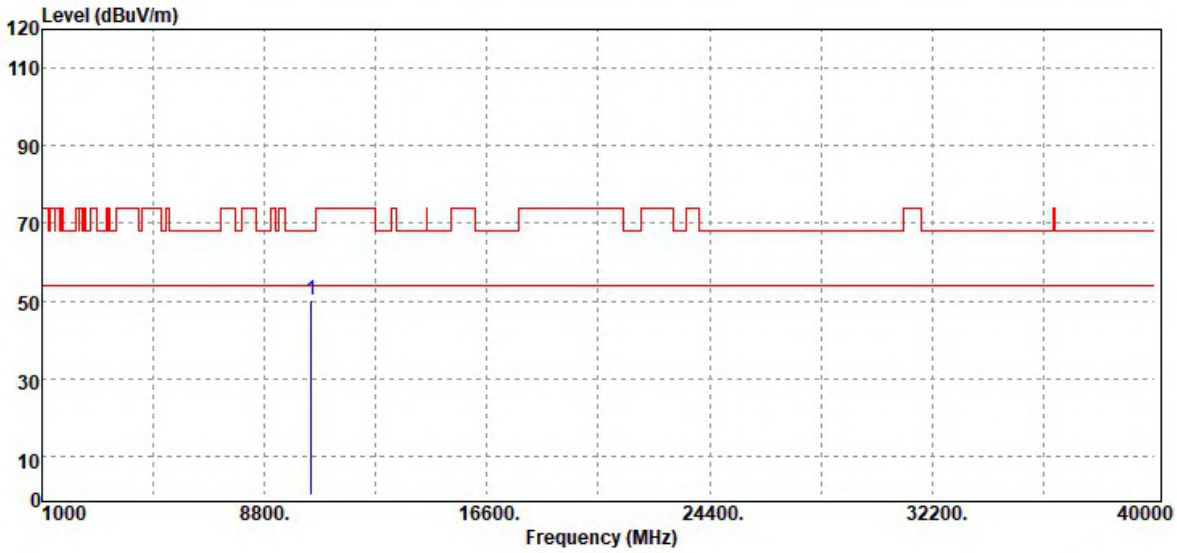



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11550.00 | Peak | 33.93 | 15.39 | 49.32 | 74.00 | -24.68 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5220 MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonics | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

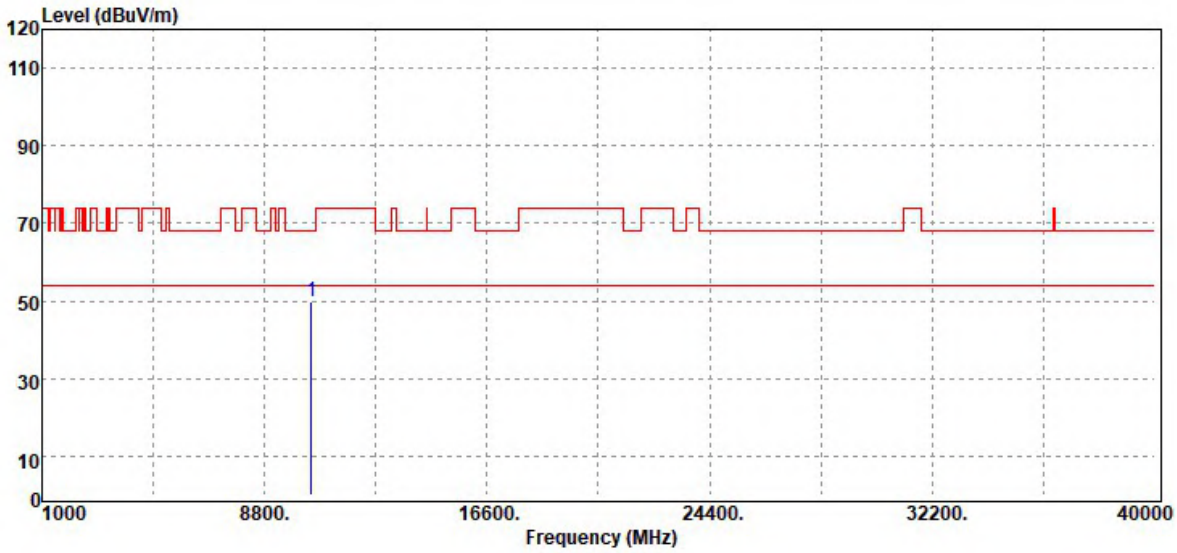



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10440.00 | Peak | 34.83 | 15.21 | 50.04 | 68.20 | -18.16 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5220 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

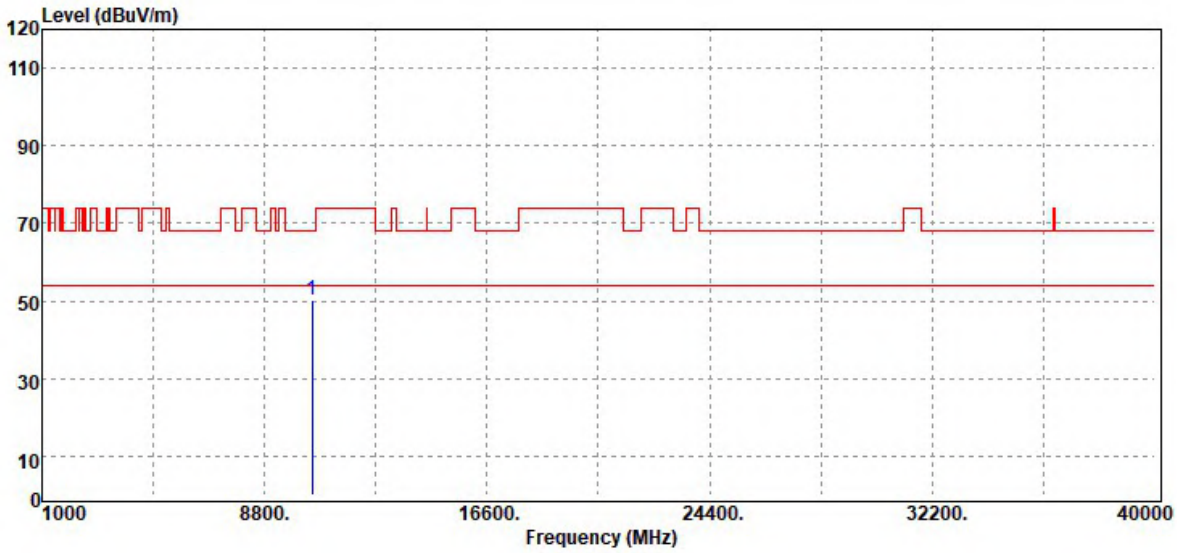



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10440.00 | Peak | 34.57 | 15.21 | 49.78 | 68.20 | -18.42 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5240MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

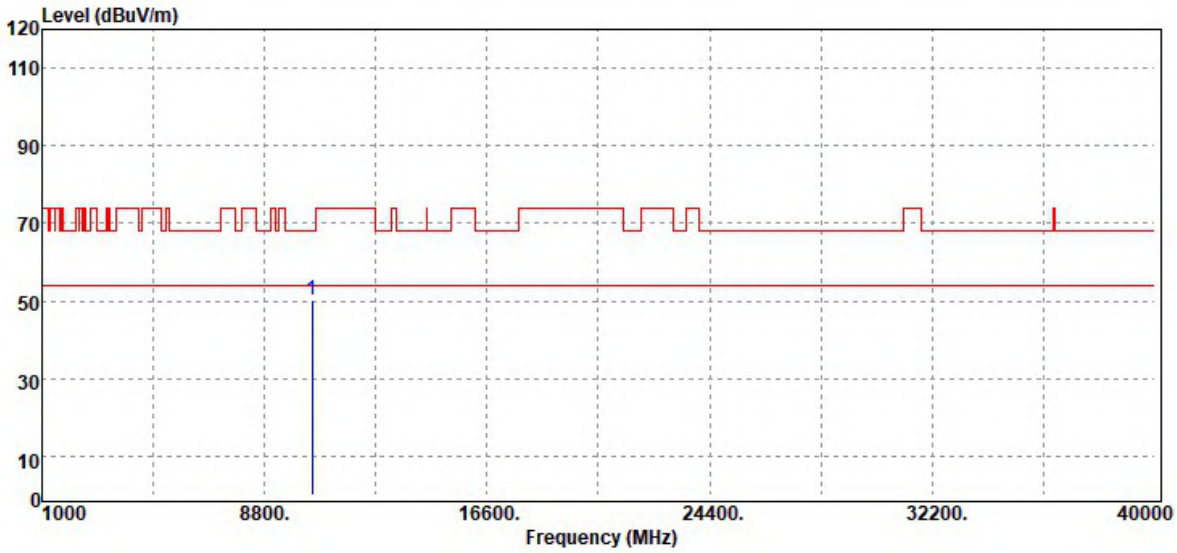



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10480.00 | Peak | 34.00 | 16.09 | 50.09 | 68.20 | -18.11 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5240MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

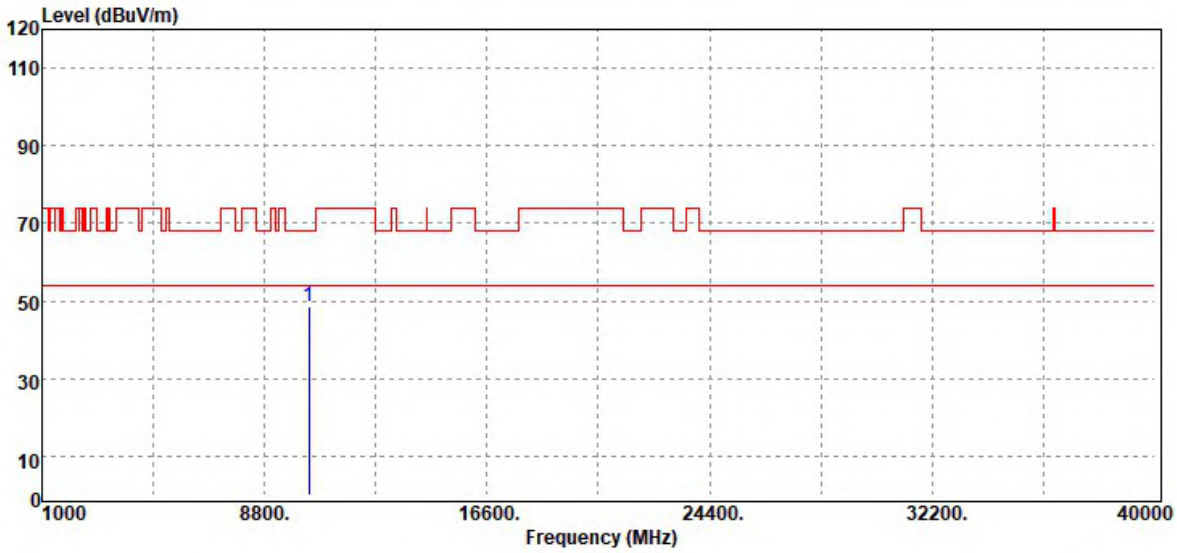



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10480.00 | Peak | 34.10 | 16.09 | 50.19 | 68.20 | -18.01 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5180MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

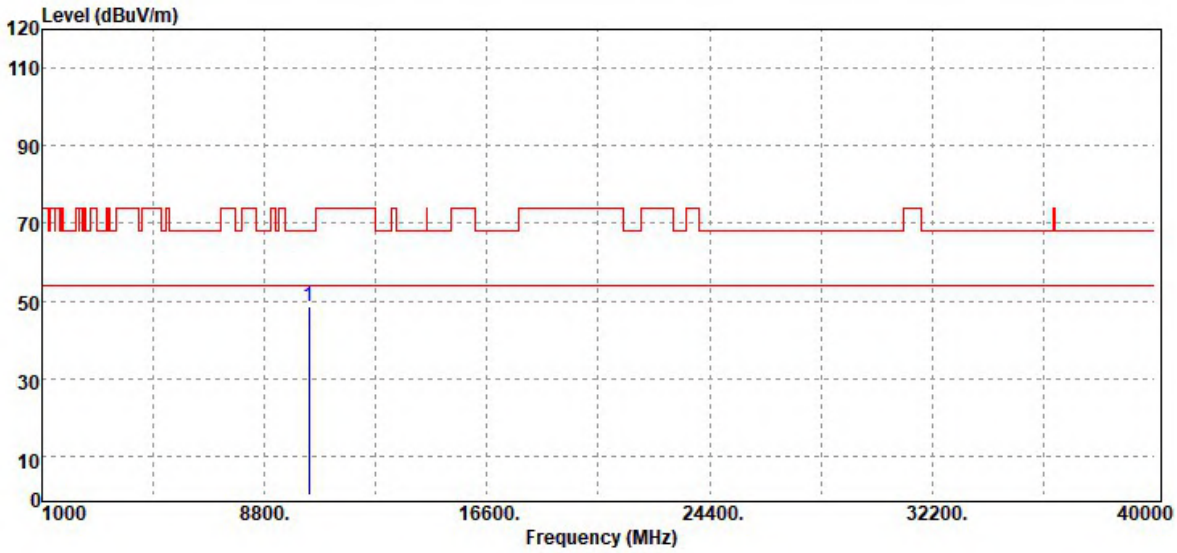



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10360.00 | Peak | 34.39 | 14.12 | 48.51 | 68.20 | -19.69 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5180MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

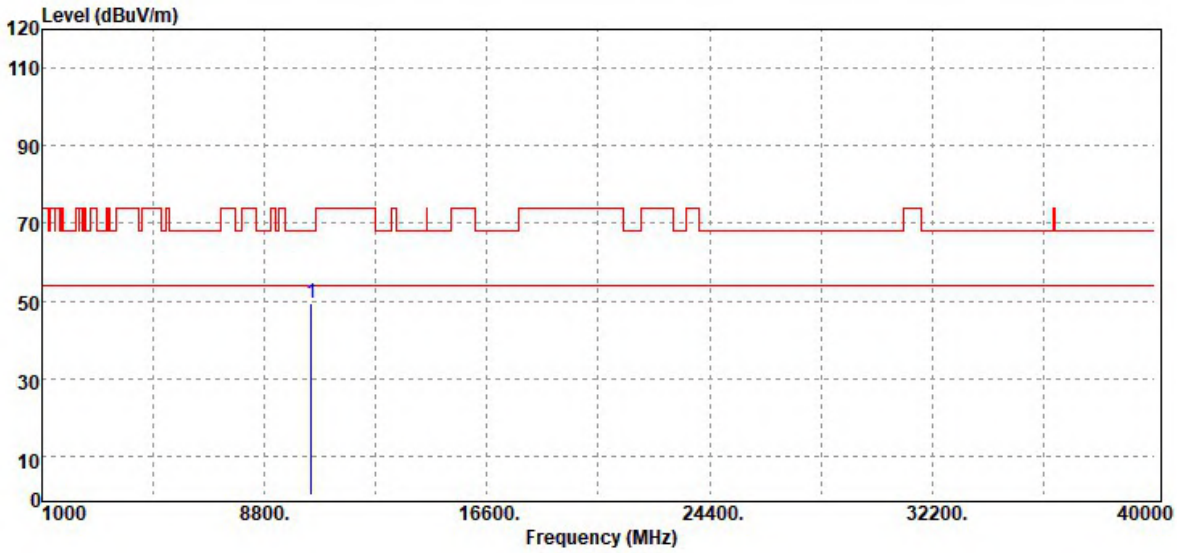



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10360.00 | Peak | 34.57 | 14.12 | 48.69 | 68.20 | -19.51 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5220MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

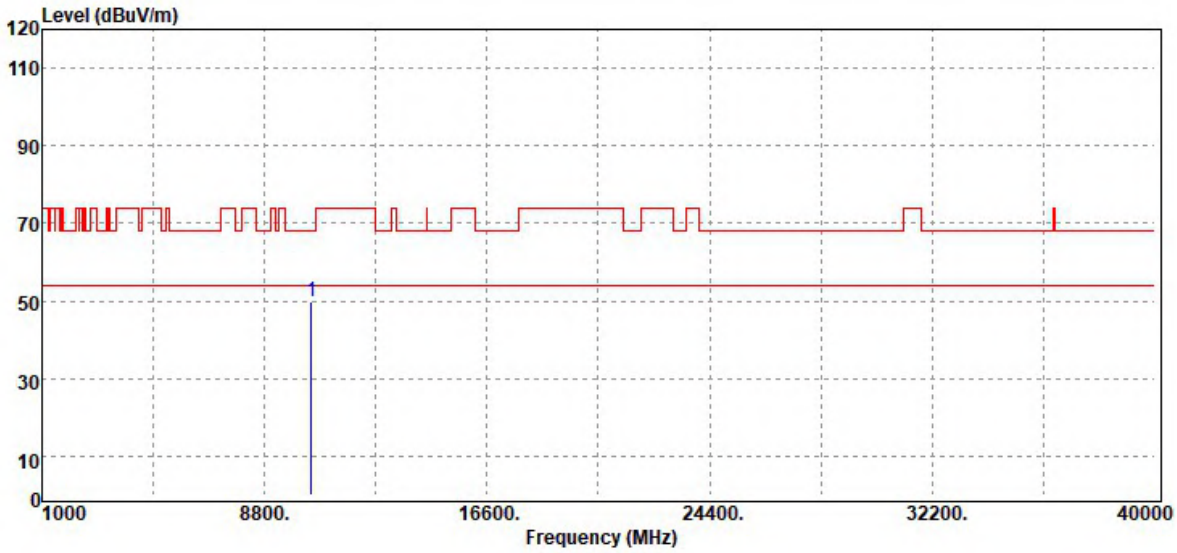



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10440.00 | Peak | 34.23 | 15.21 | 49.44 | 68.20 | -18.76 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5220MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

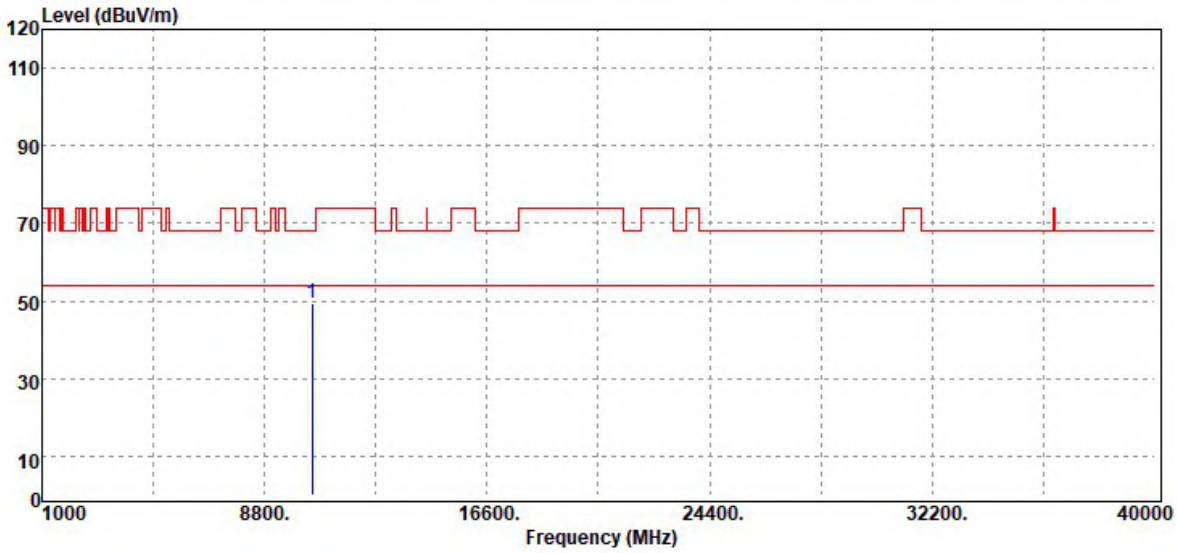



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10440.00 | Peak | 34.48 | 15.21 | 49.69 | 68.20 | -18.51 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5240MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |




| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10480.00 | Peak | 33.37 | 16.09 | 49.46 | 68.20 | -18.74 |
| N/A | | | | | | |
| | | | | | | |
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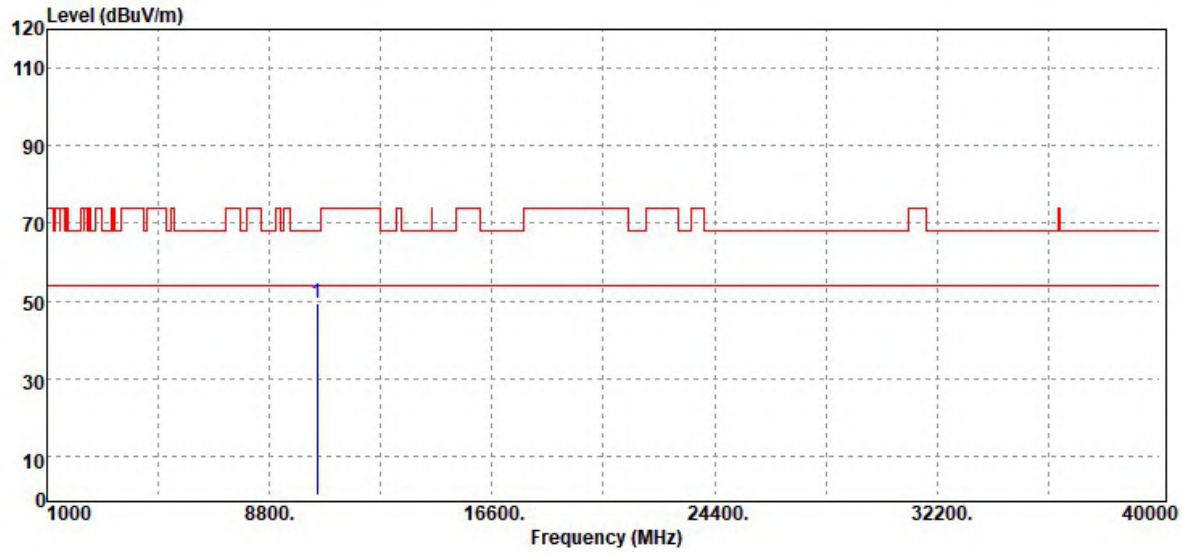
***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5240MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

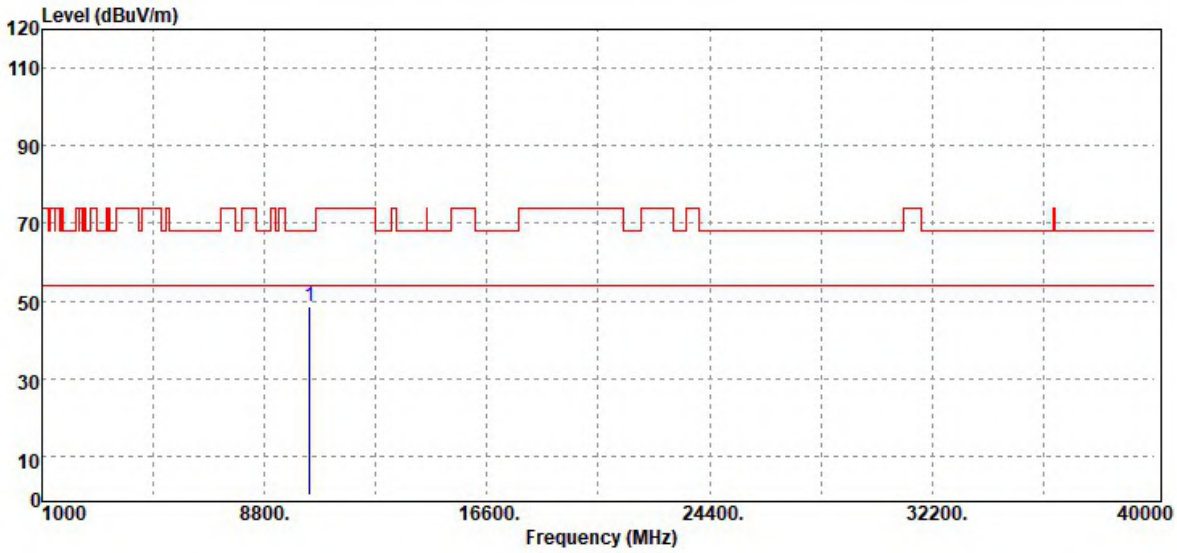



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10480.00 | Peak | 33.34 | 16.09 | 49.43 | 68.20 | -18.77 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5190MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |




| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10380.00 | Peak | 34.41 | 14.23 | 48.64 | 68.20 | -19.56 |
| N/A | | | | | | |
| | | | | | | |
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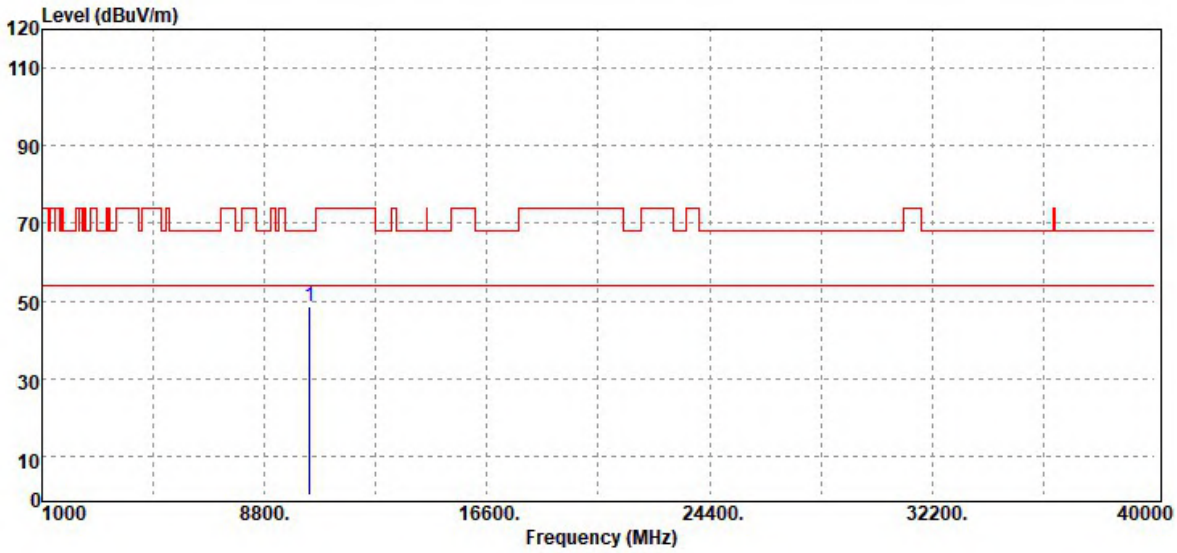
***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5190MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |




| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10380.00 | Peak | 34.27 | 14.23 | 48.50 | 68.20 | -19.70 |
| N/A | | | | | | |
| | | | | | | |
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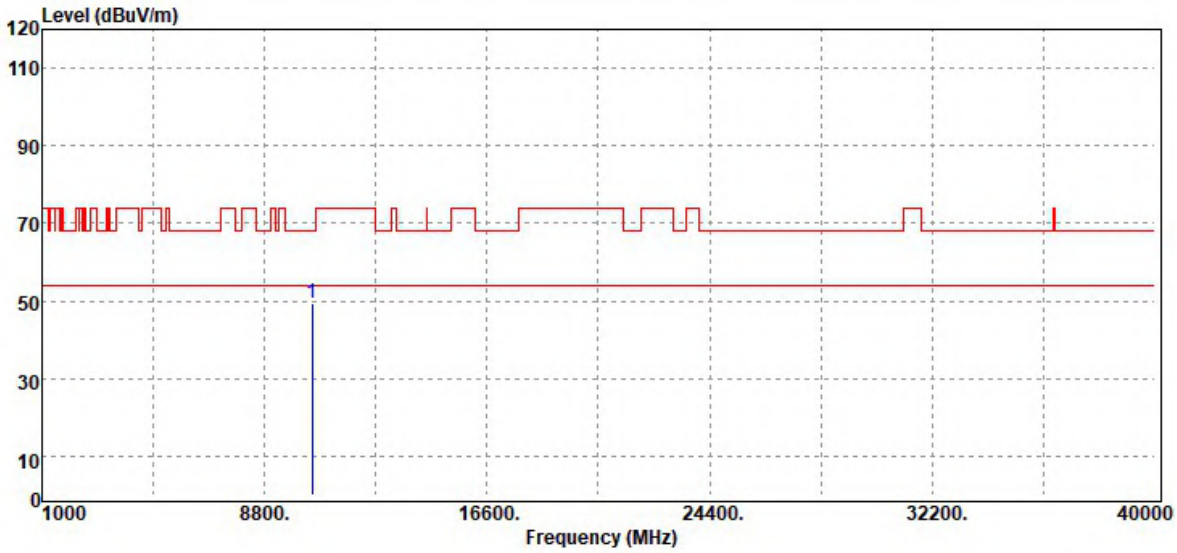
***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5230MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

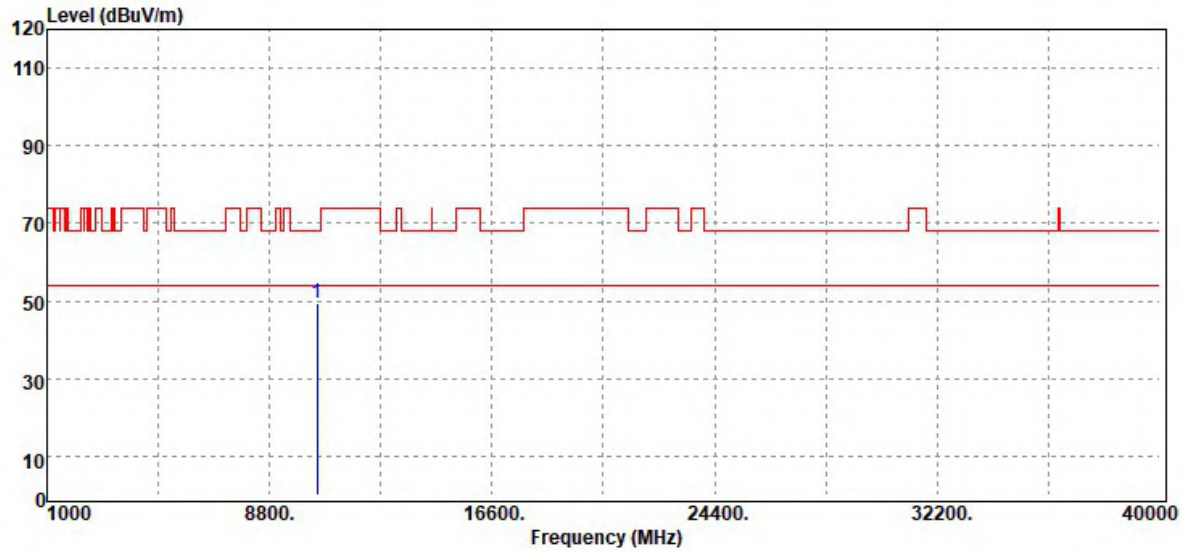



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10460.00 | Peak | 33.73 | 15.65 | 49.38 | 68.20 | -18.82 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5230MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

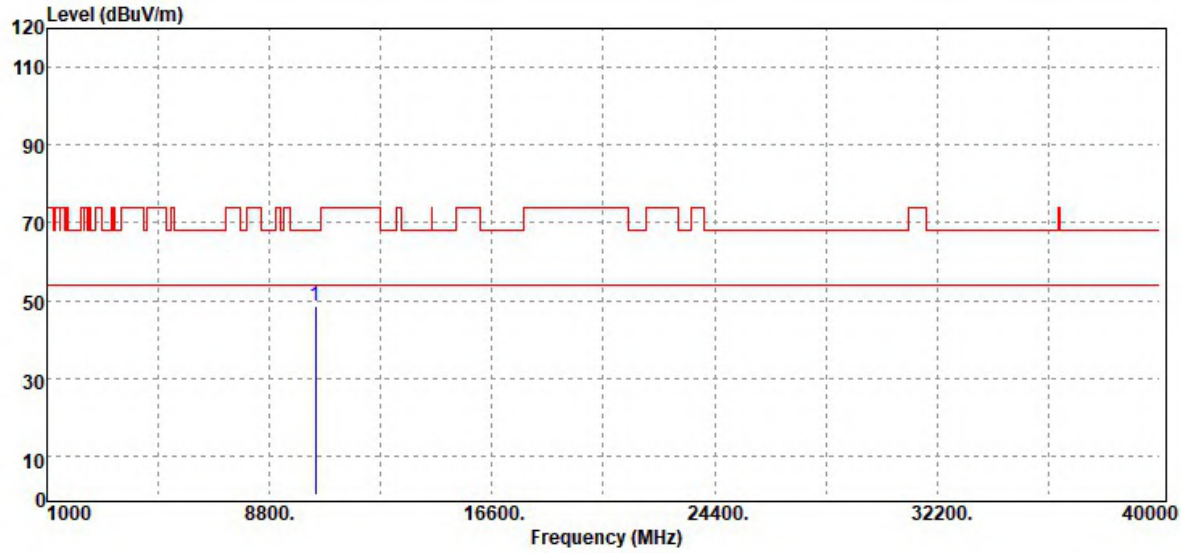



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10460.00 | Peak | 33.69 | 15.65 | 49.34 | 68.20 | -18.86 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5210MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

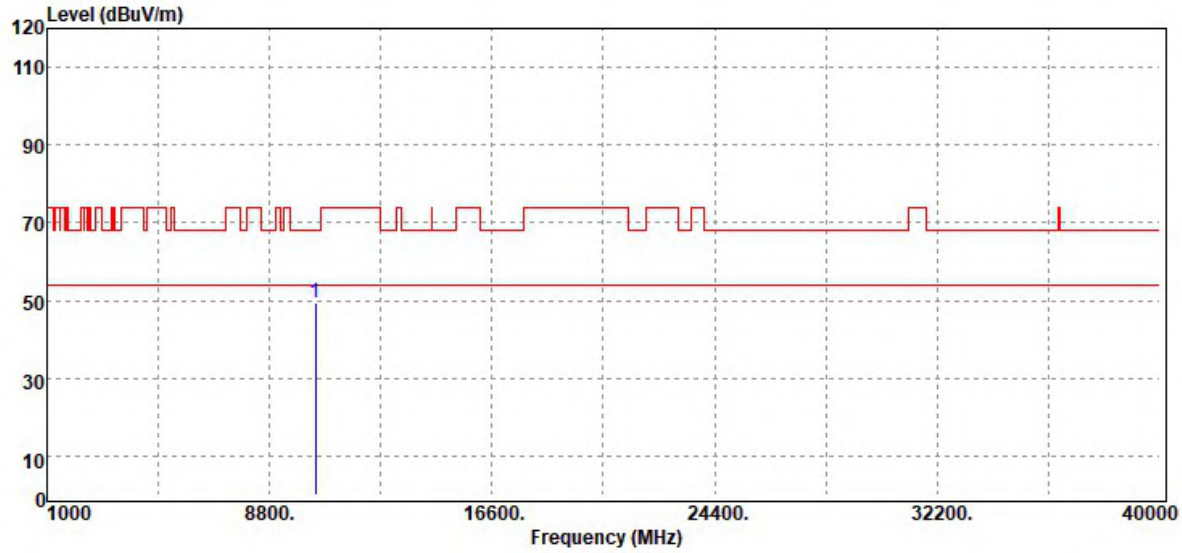



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10420.00 | Peak | 33.94 | 14.78 | 48.72 | 68.20 | -19.48 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5210MHZ | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |



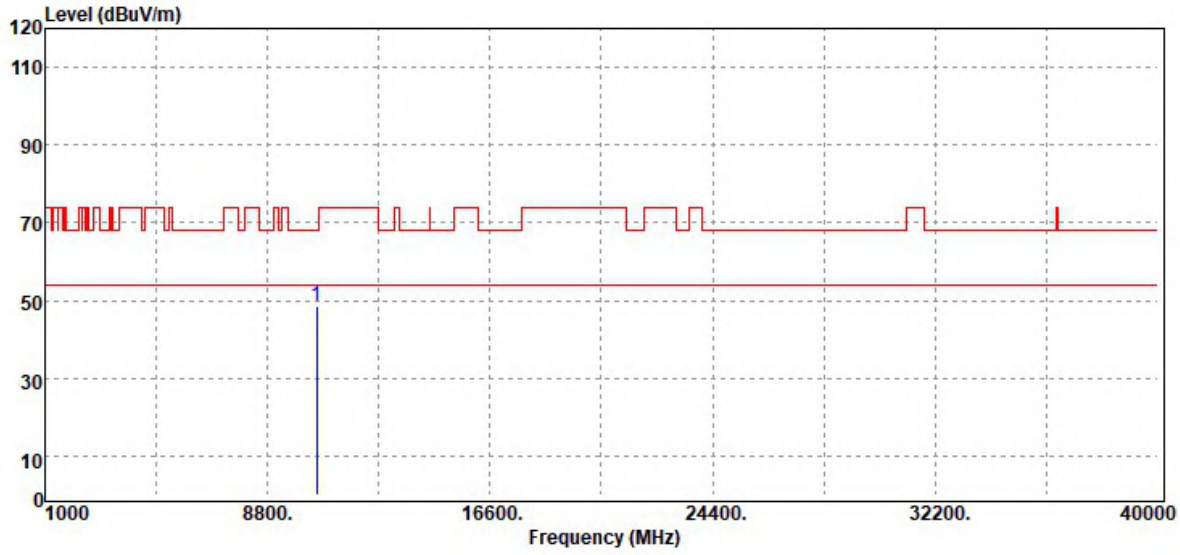

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10420.00 | Peak | 34.81 | 14.78 | 49.59 | 68.20 | -18.61 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

## Test Data for UNII-2a

| Test Mode | IEEE 802.11a / 5260 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

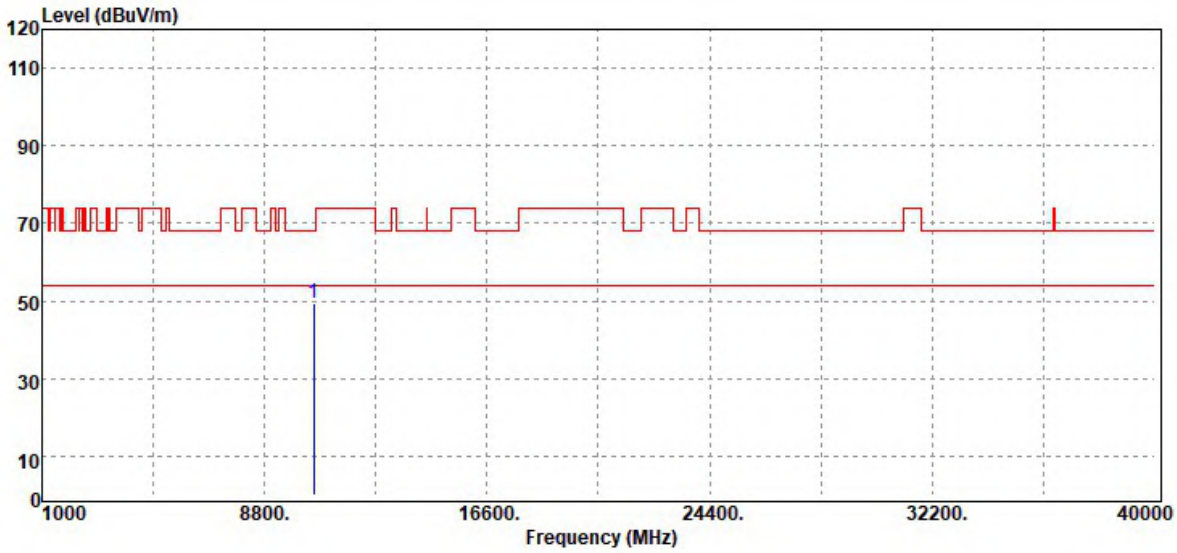



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10520.00 | Peak | 33.30 | 15.33 | 48.63 | 68.20 | -19.57 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5260 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

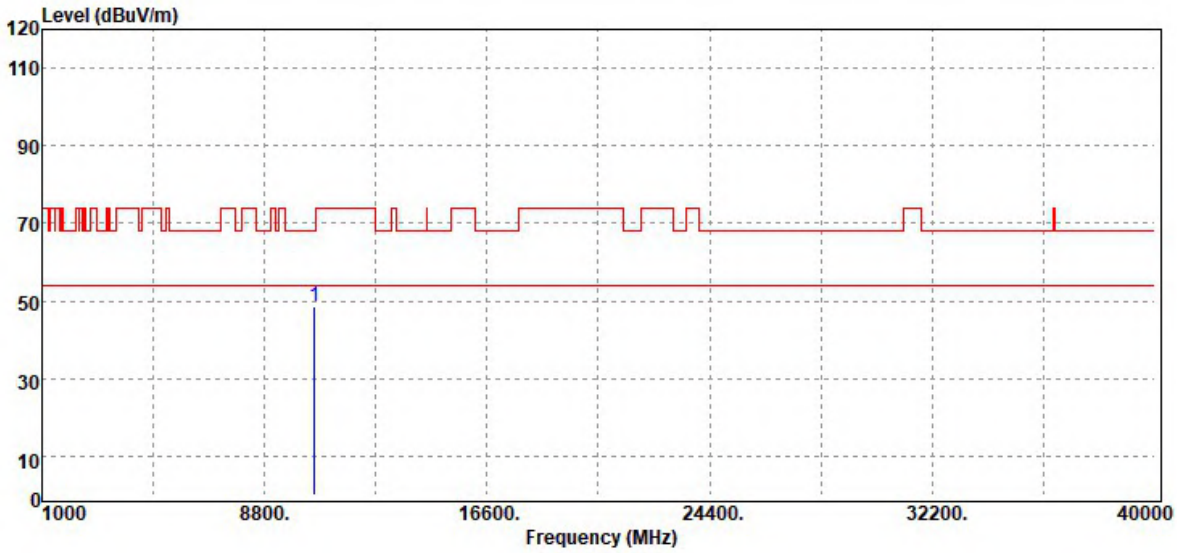



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10520.00 | Peak | 33.99 | 15.33 | 49.32 | 68.20 | -18.88 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5280 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

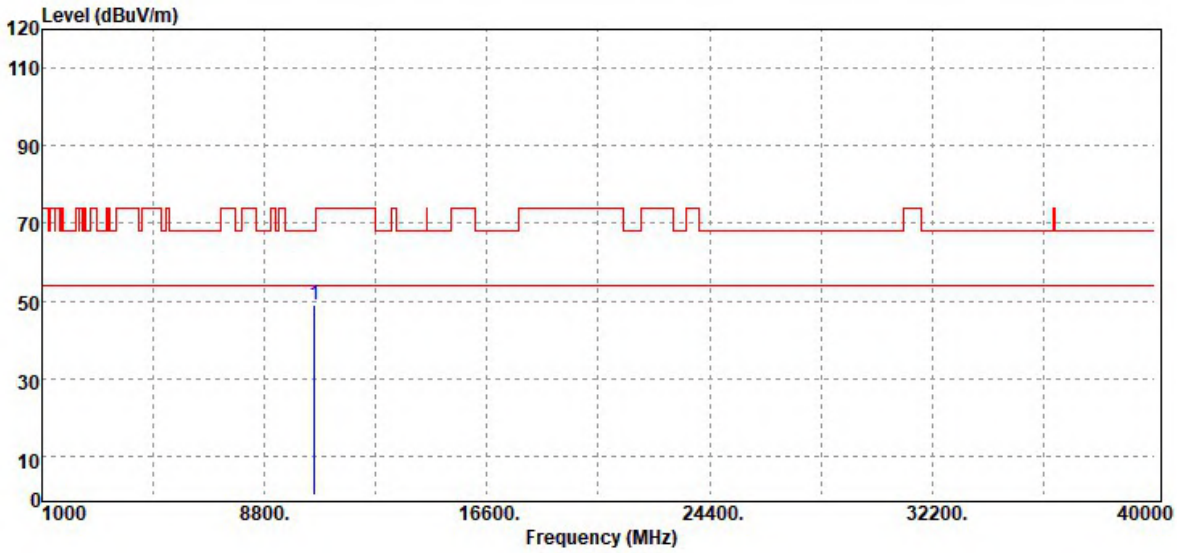



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 33.88 | 14.58 | 48.46 | 68.20 | -19.74 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5280 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

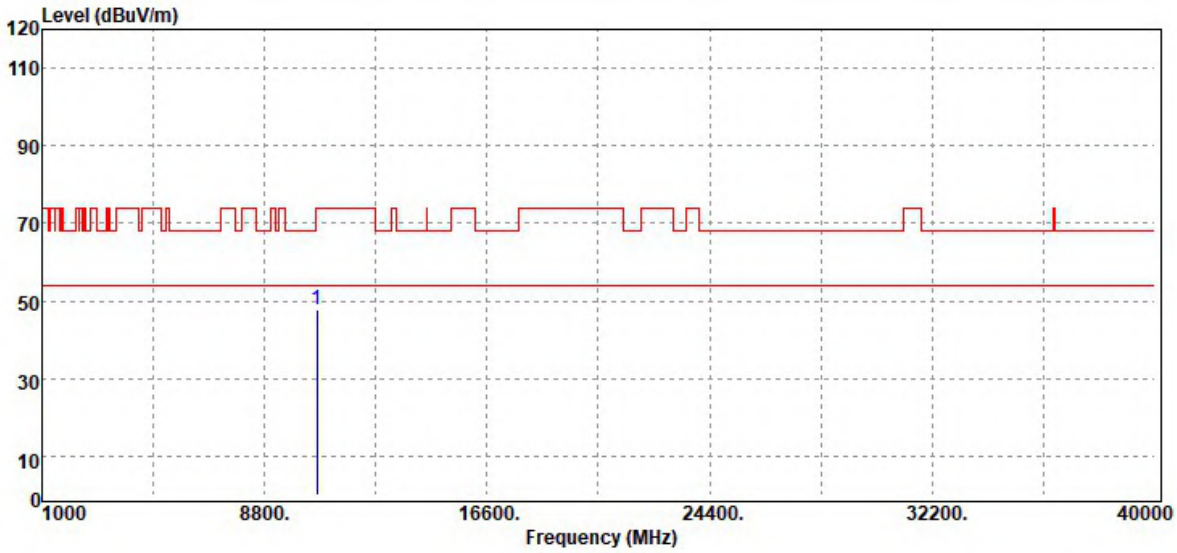



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 34.42 | 14.58 | 49.00 | 68.20 | -19.20 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

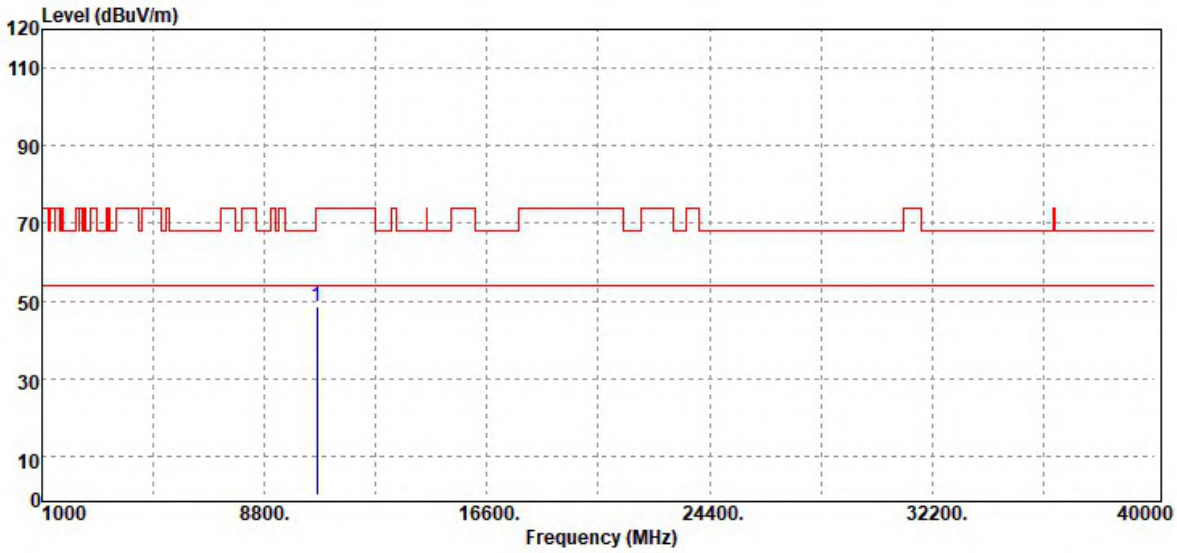



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 32.89 | 15.05 | 47.94 | 74.00 | -26.06 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5320 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

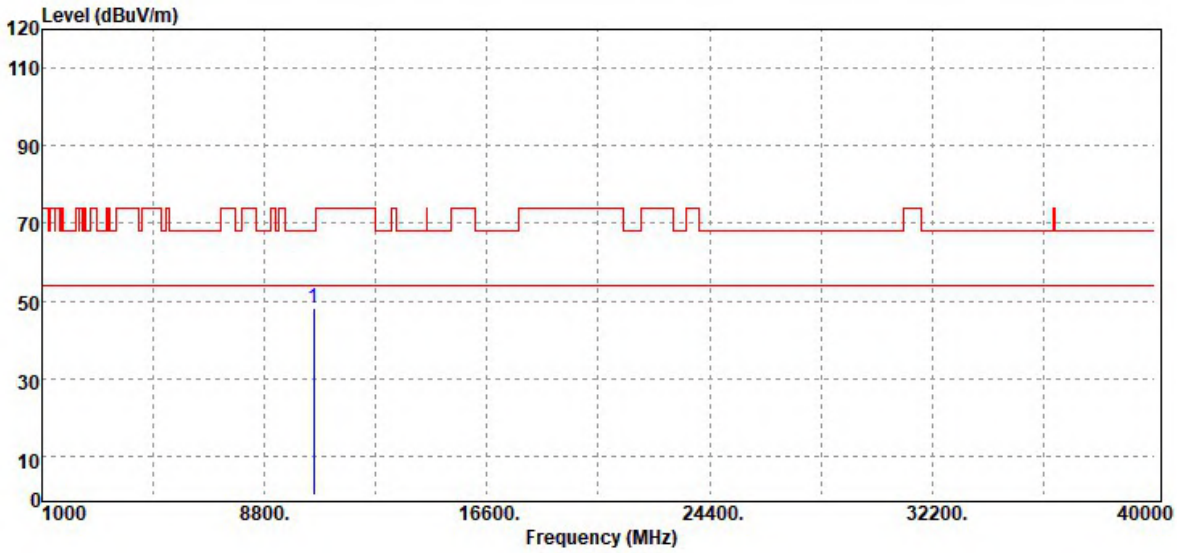



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 33.44 | 15.05 | 48.49 | 74.00 | -25.51 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5260 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

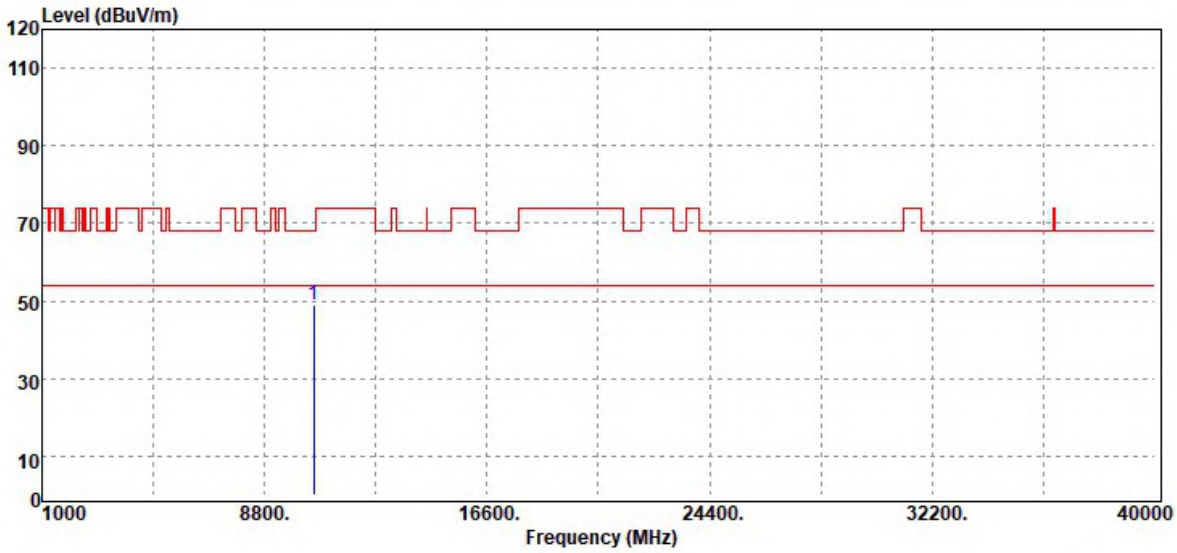



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10520.00 | Peak | 32.74 | 15.33 | 48.07 | 68.20 | -20.13 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5260 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

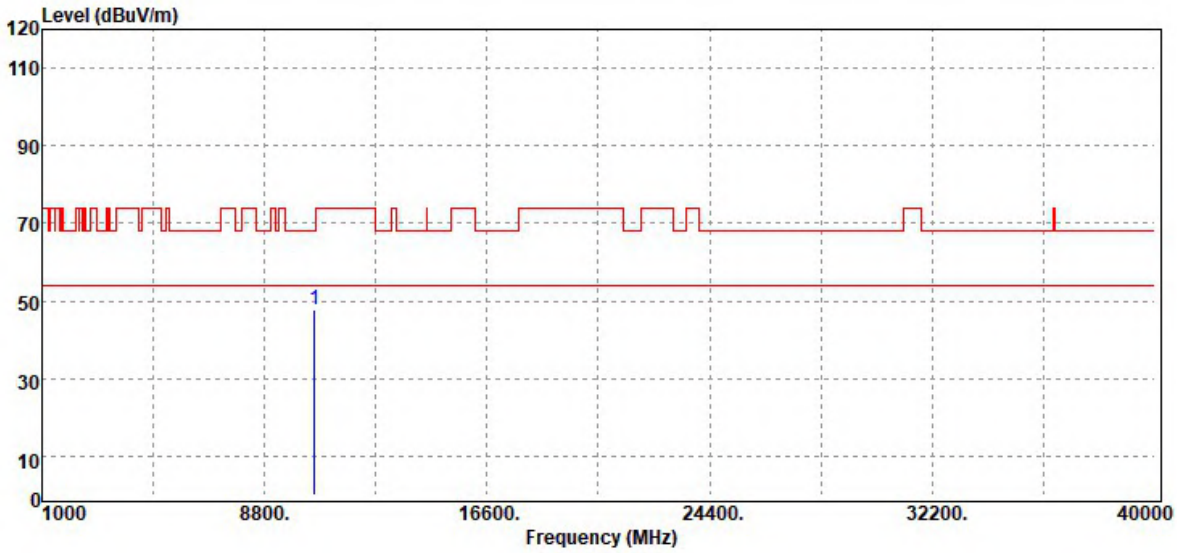



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10520.00 | Peak | 33.79 | 15.33 | 49.12 | 68.20 | -19.08 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5280 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

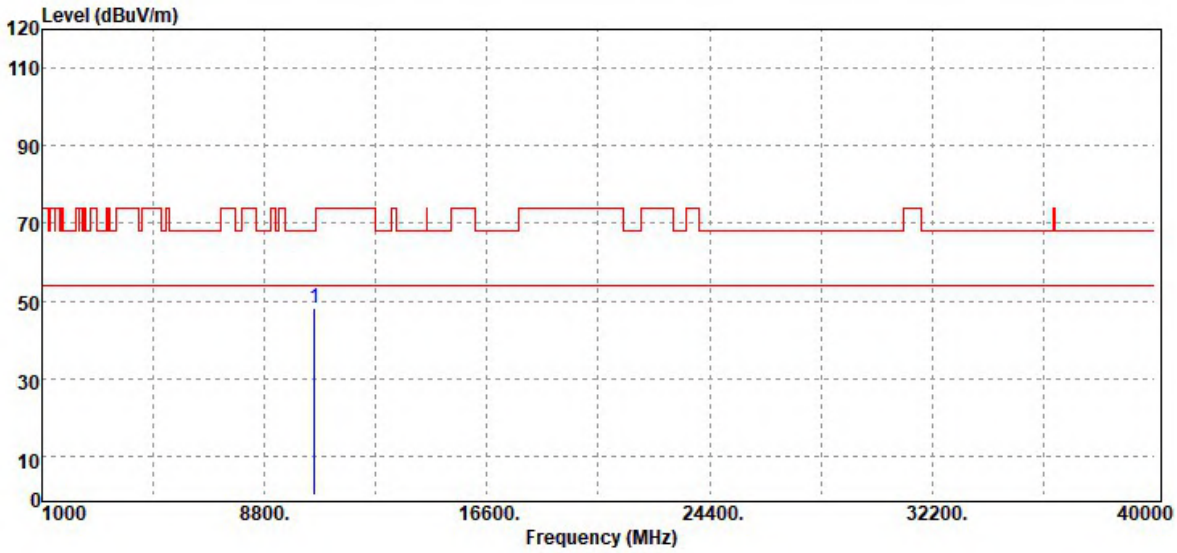



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 33.25 | 14.58 | 47.83 | 68.20 | -20.37 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5280 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

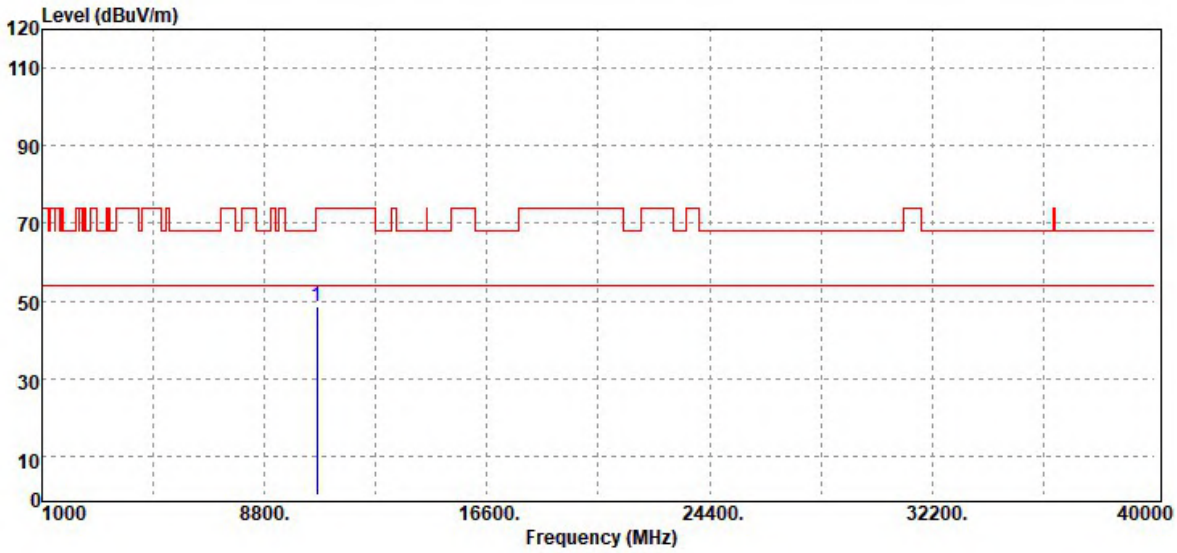



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10560.00 | Peak | 33.61 | 14.58 | 48.19 | 68.20 | -20.01 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5320 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

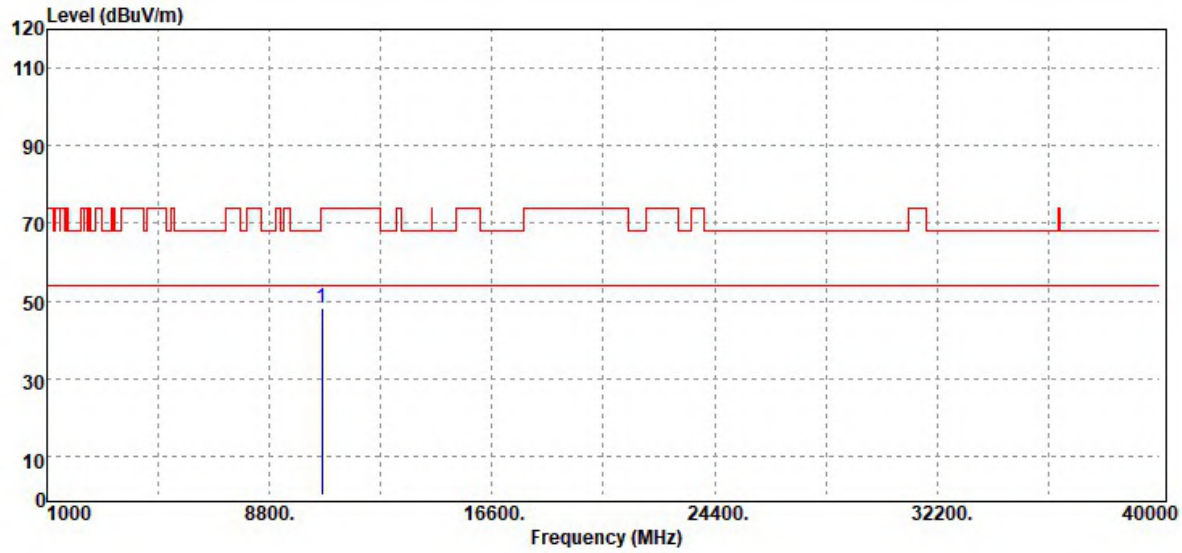



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 33.39 | 15.05 | 48.44 | 74.00 | -25.56 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5320 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

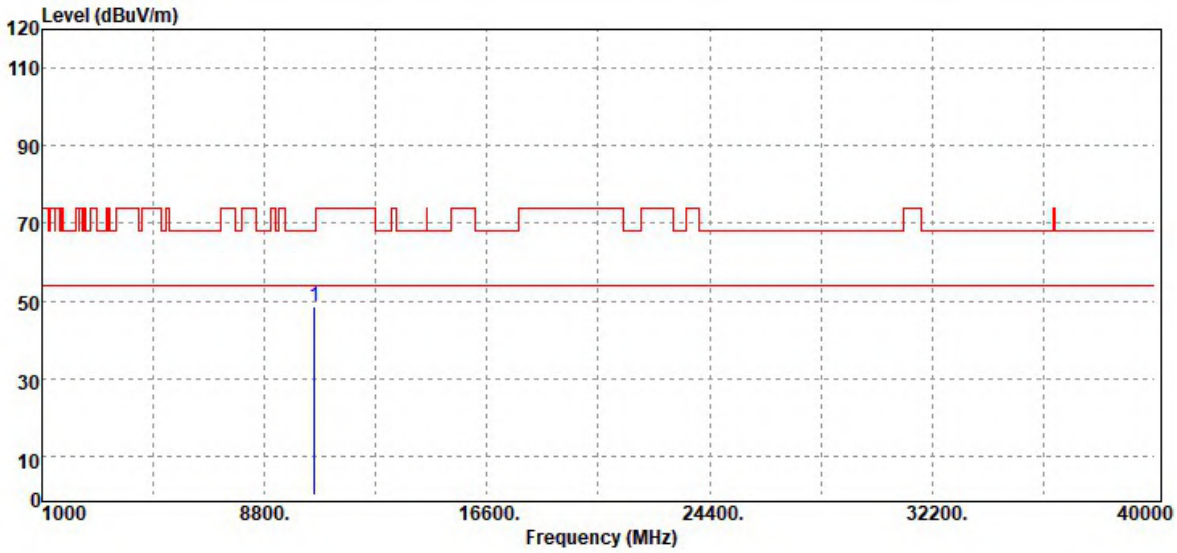



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10640.00 | Peak | 33.03 | 15.05 | 48.08 | 74.00 | -25.92 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5270 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

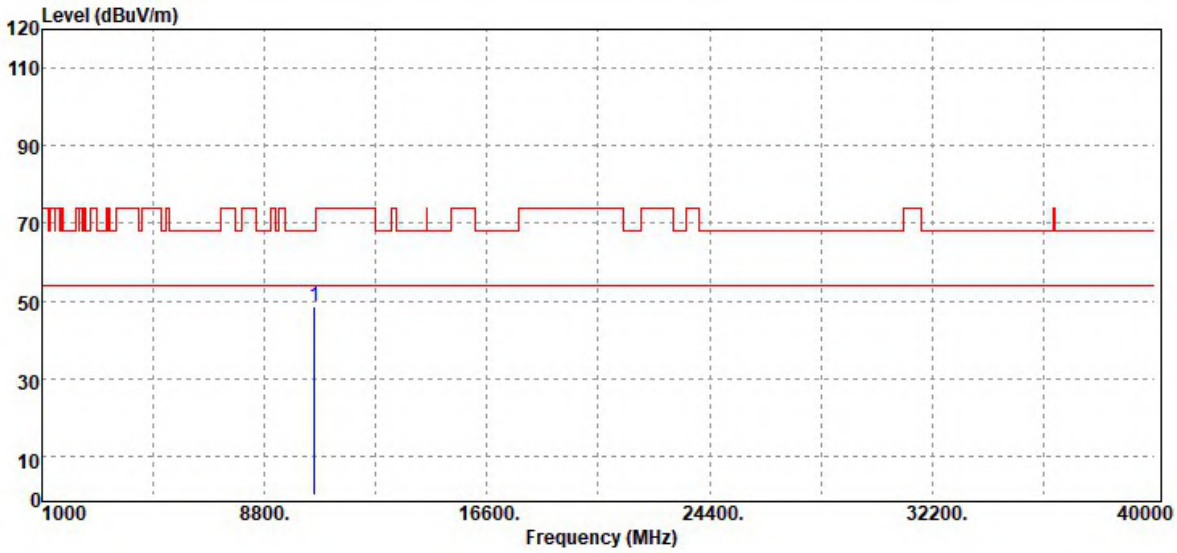



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 10540.00 | Peak | 33.67 | 14.95 | 48.62 | 68.20 | -19.58 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5270 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

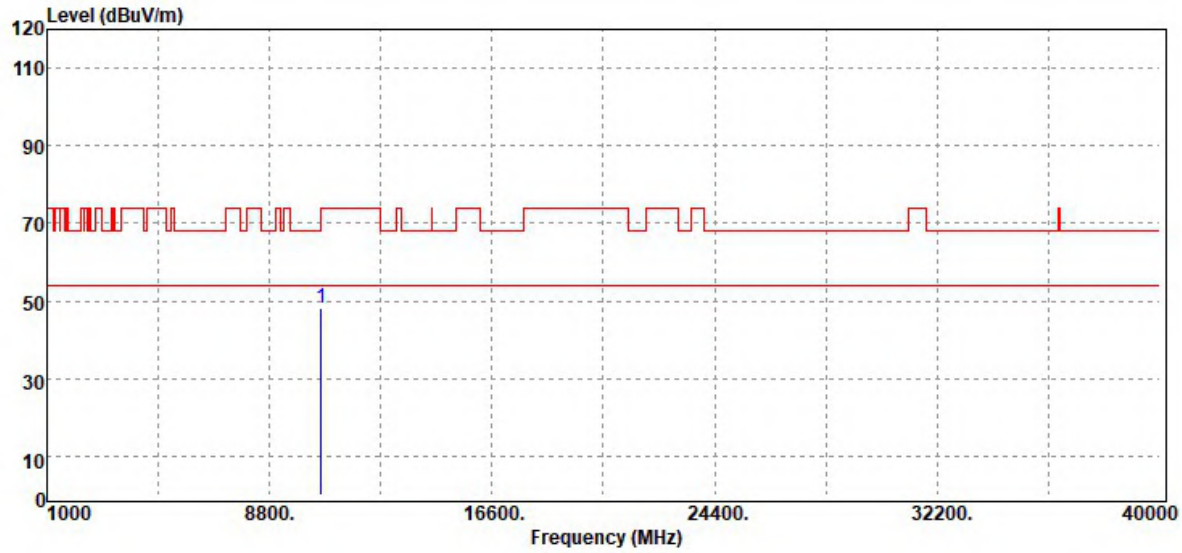



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10540.00 | Peak | 33.67 | 14.95 | 48.62 | 68.20 | -19.58 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5310 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

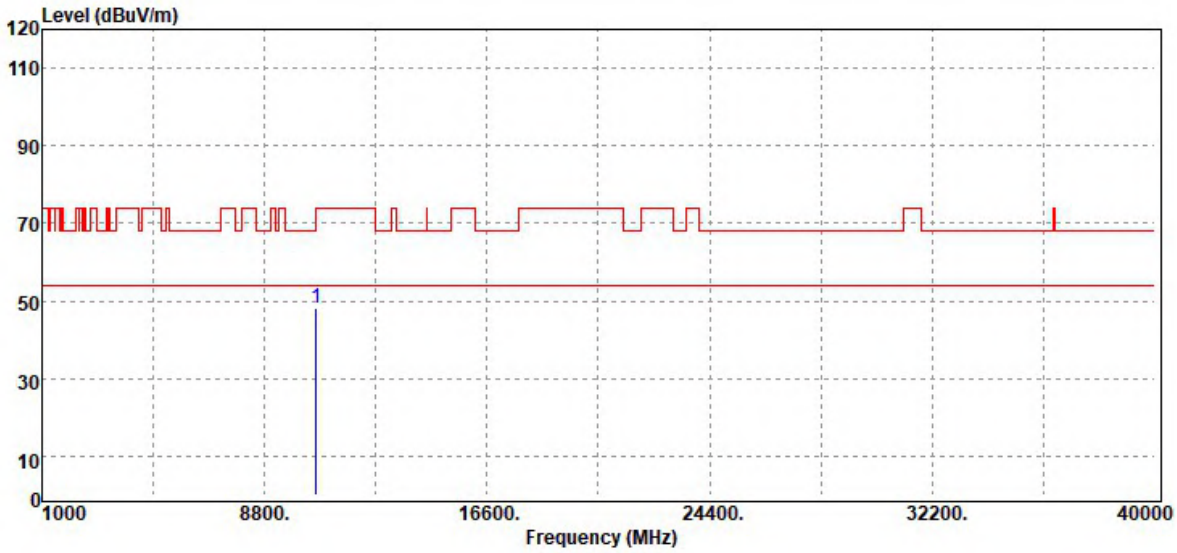



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10620.00 | Peak | 33.36 | 14.81 | 48.17 | 74.00 | -25.83 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5310 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

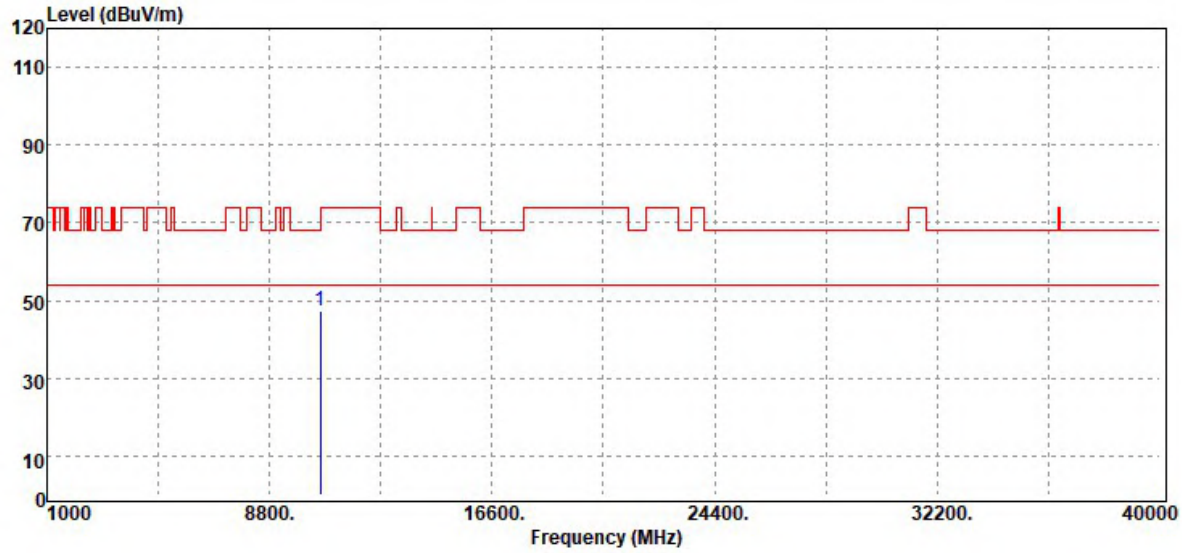



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10620.00 | Peak | 33.29 | 14.81 | 48.10 | 74.00 | -25.90 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5290 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

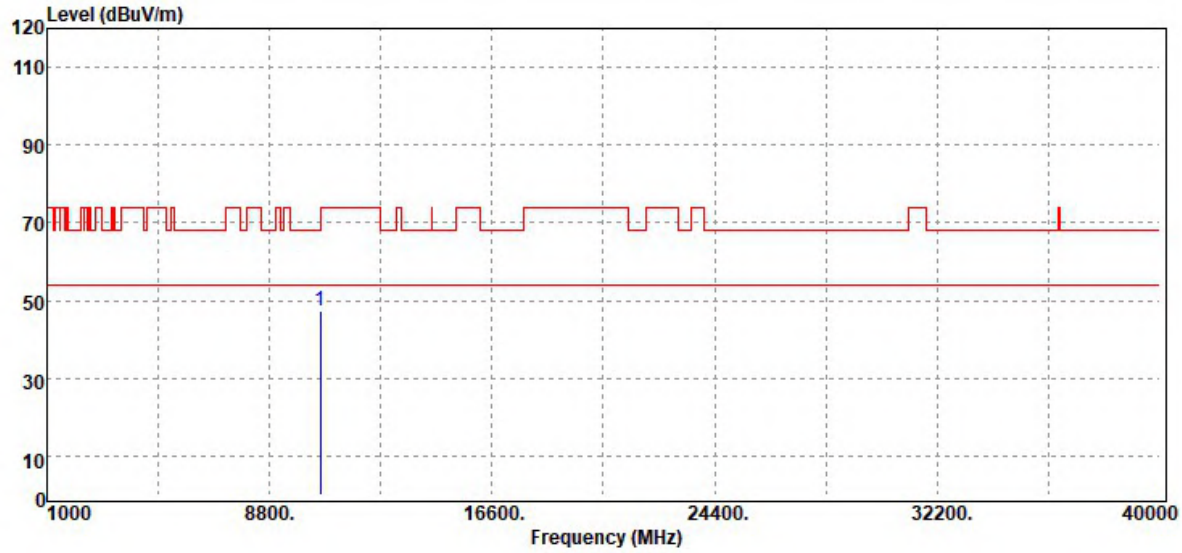



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10580.00 | Peak | 32.95 | 14.56 | 47.51 | 68.20 | -20.69 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5290 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |



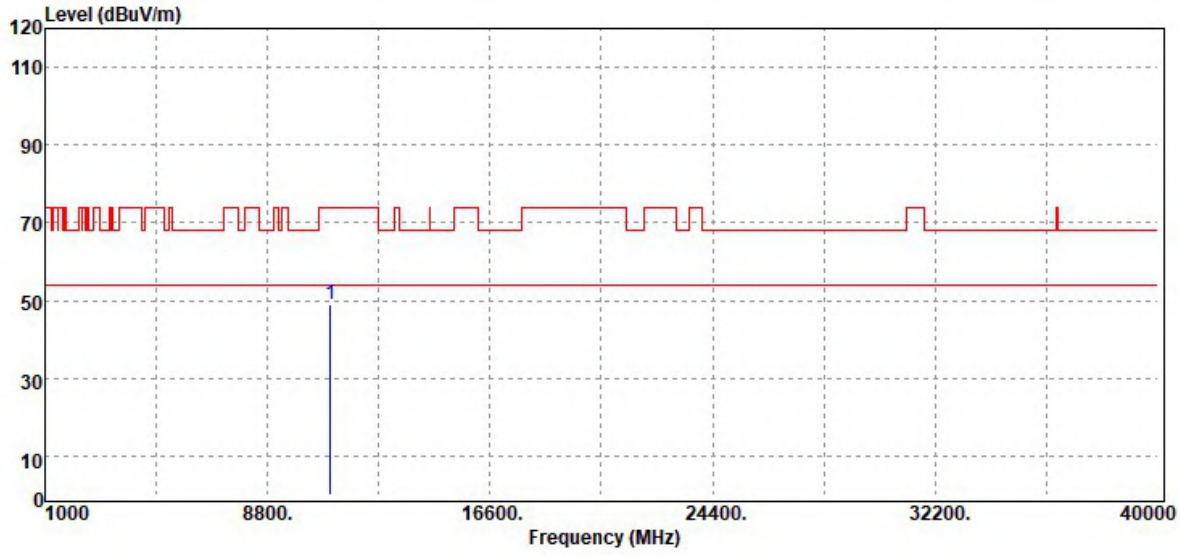

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10580.00 | Peak | 32.78 | 14.56 | 47.34 | 68.20 | -20.86 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

## Test Data for UNII-2c

| Test Mode | IEEE 802.11a / 5500 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

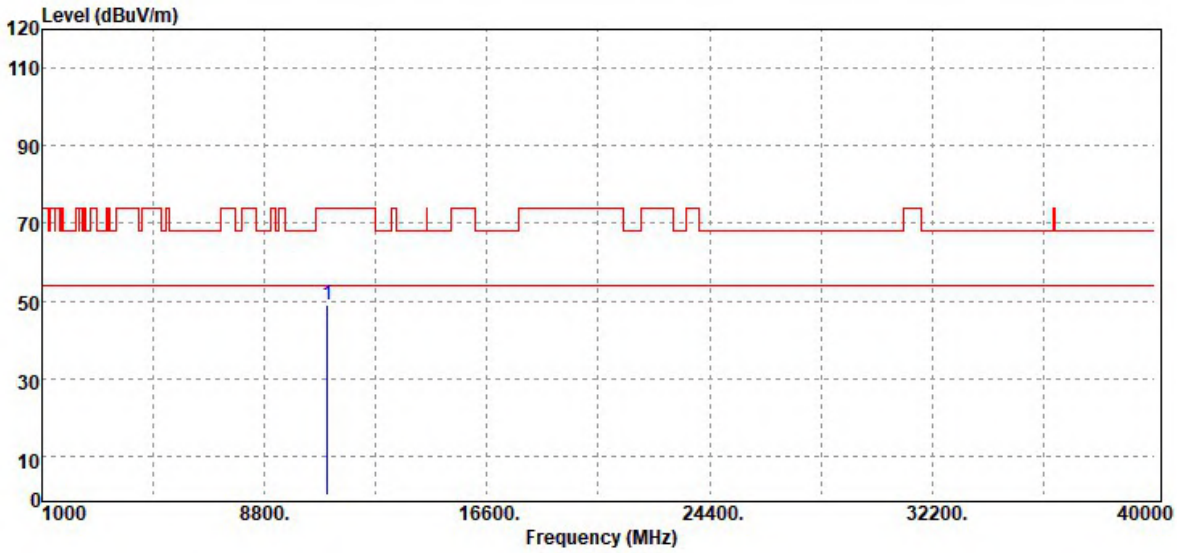



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 33.39 | 15.80 | 49.19 | 74.00 | -24.81 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5500 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

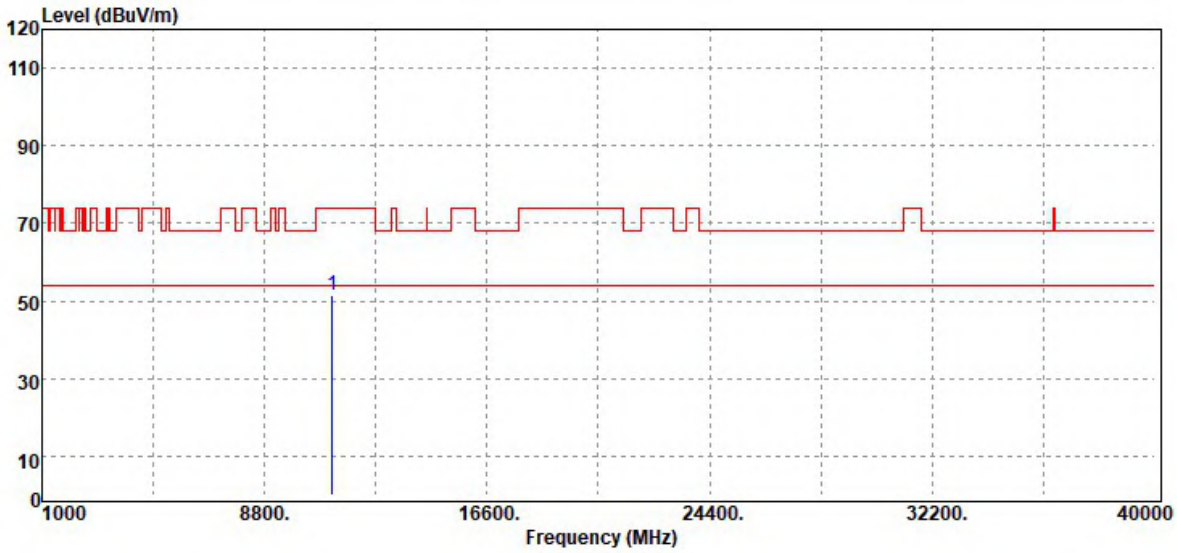



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 33.37 | 15.80 | 49.17 | 74.00 | -24.83 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5580 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

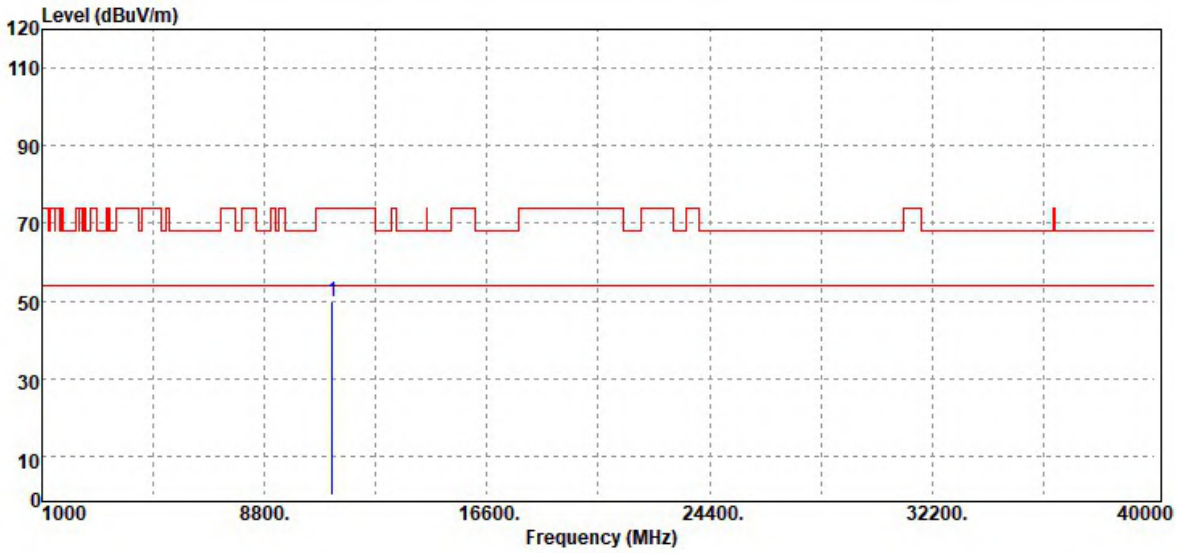



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 35.11 | 16.17 | 51.28 | 74.00 | -22.72 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5580 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

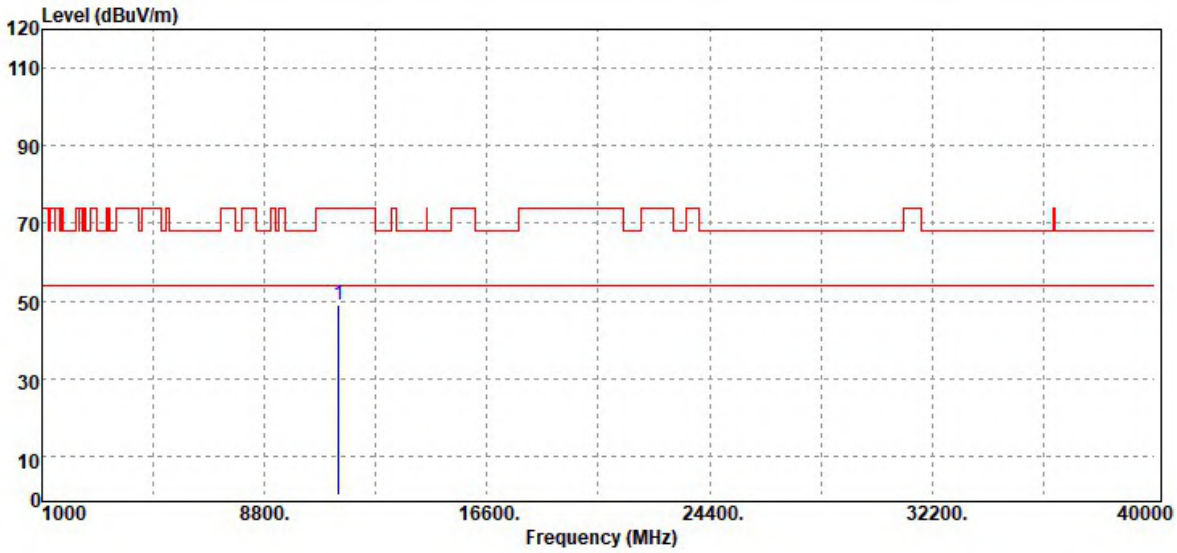



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 33.50 | 16.17 | 49.67 | 74.00 | -24.33 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

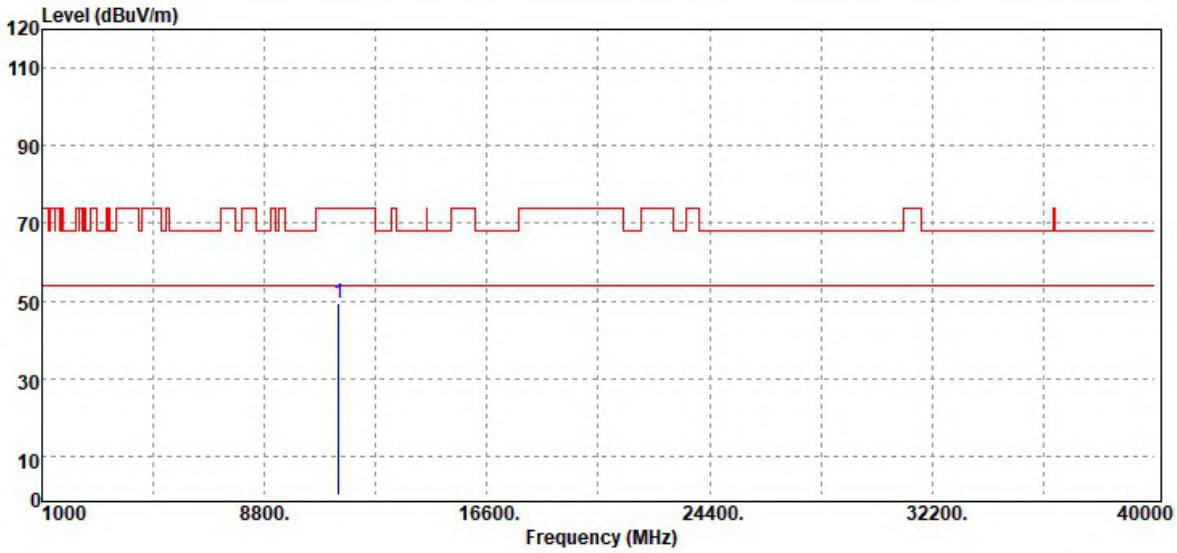



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.11 | 15.94 | 49.05 | 74.00 | -24.95 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5700 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

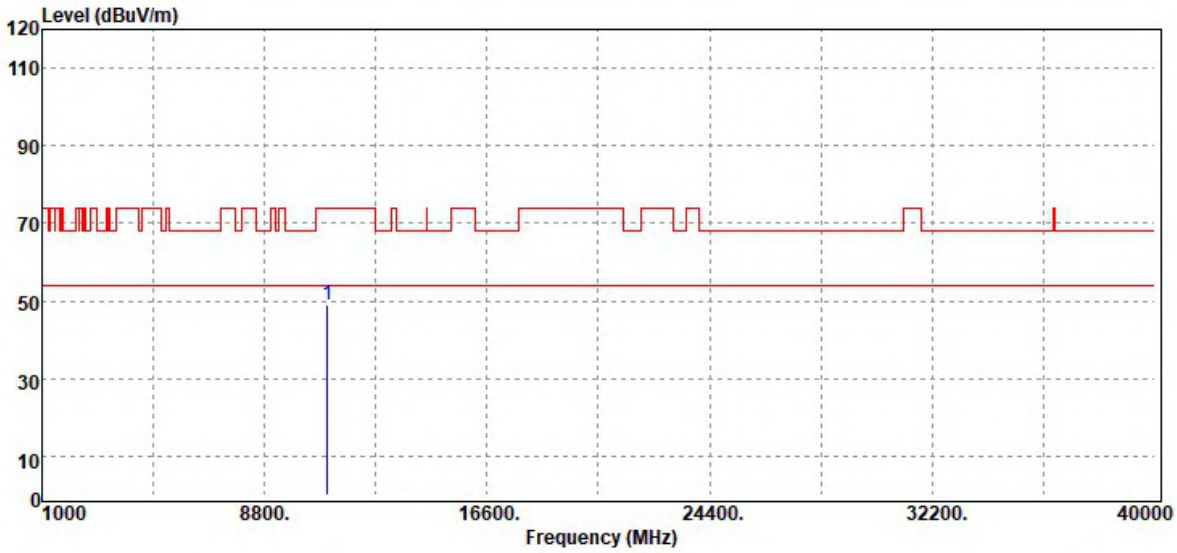



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.30 | 15.94 | 49.24 | 74.00 | -24.76 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5500 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

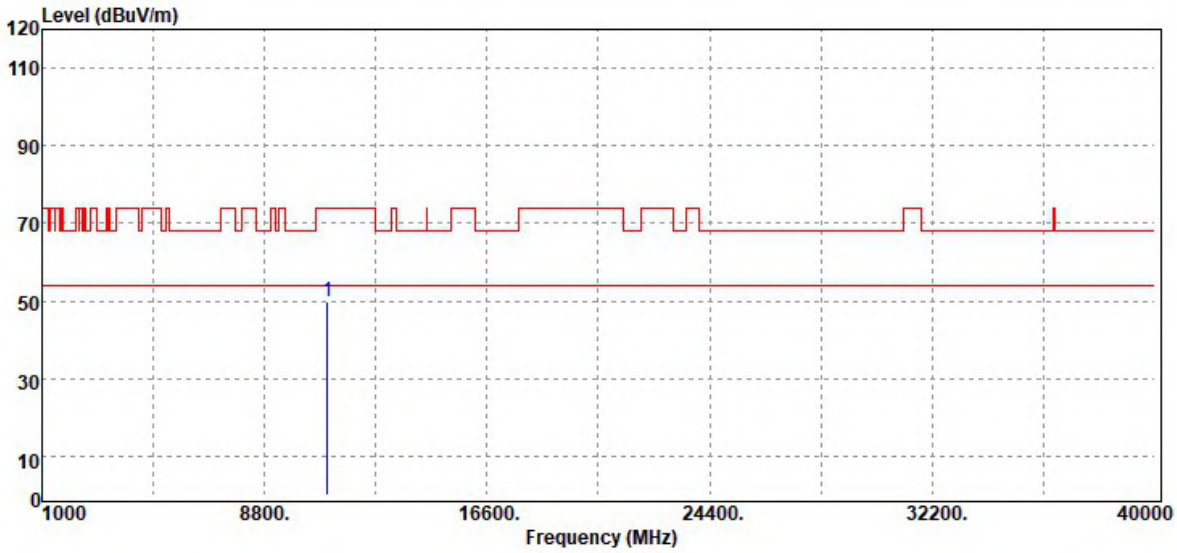



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 33.15 | 15.80 | 48.95 | 74.00 | -25.05 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5500 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

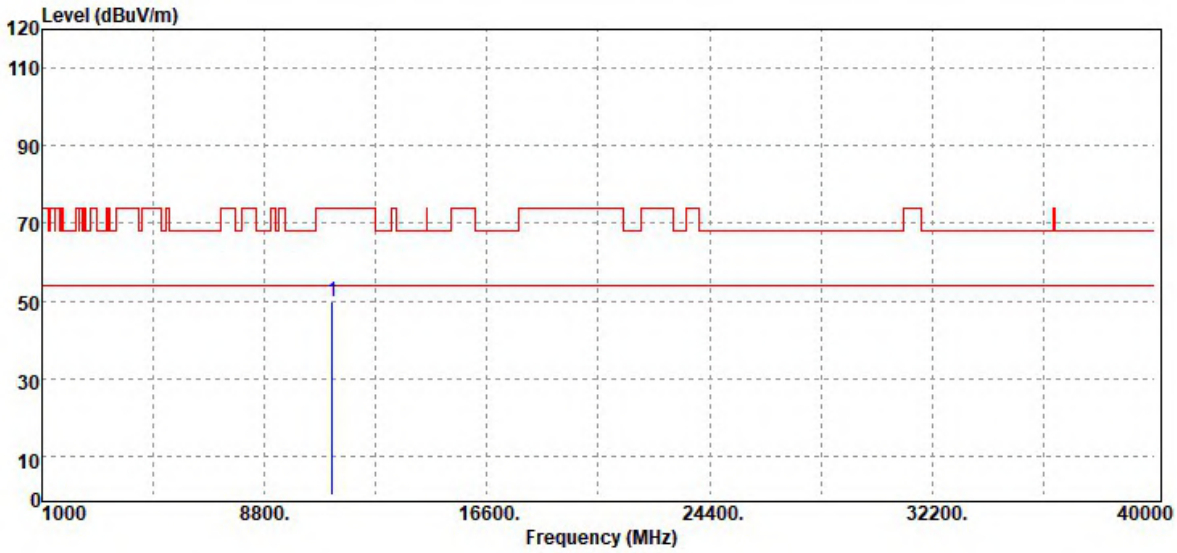



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11000.00 | Peak | 34.05 | 15.80 | 49.85 | 74.00 | -24.15 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5580 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

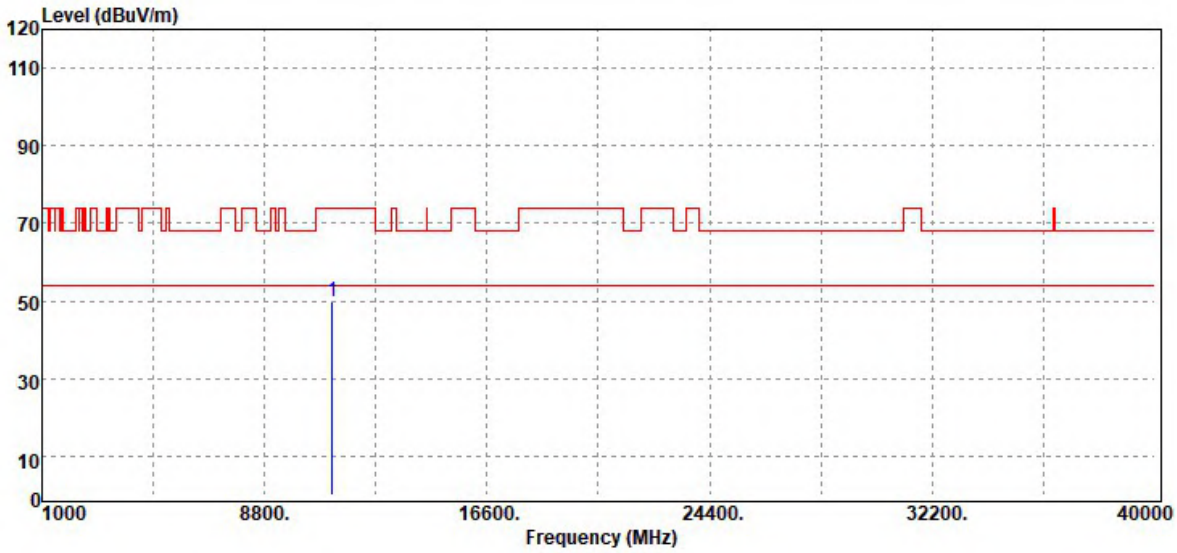



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 33.67 | 16.17 | 49.84 | 74.00 | -24.16 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5580 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

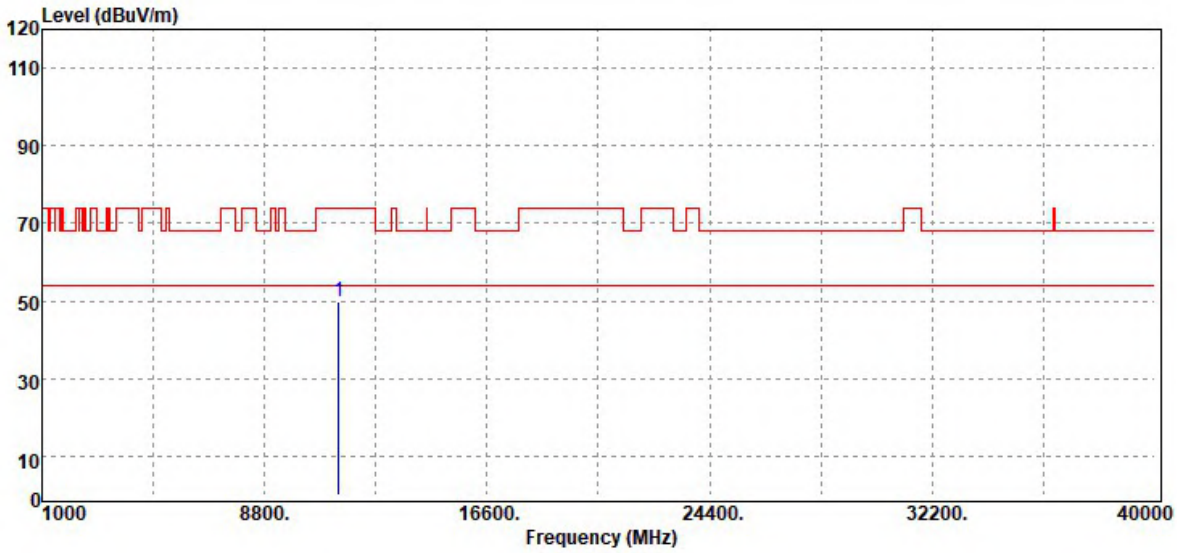



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.00 | Peak | 33.74 | 16.17 | 49.91 | 74.00 | -24.09 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

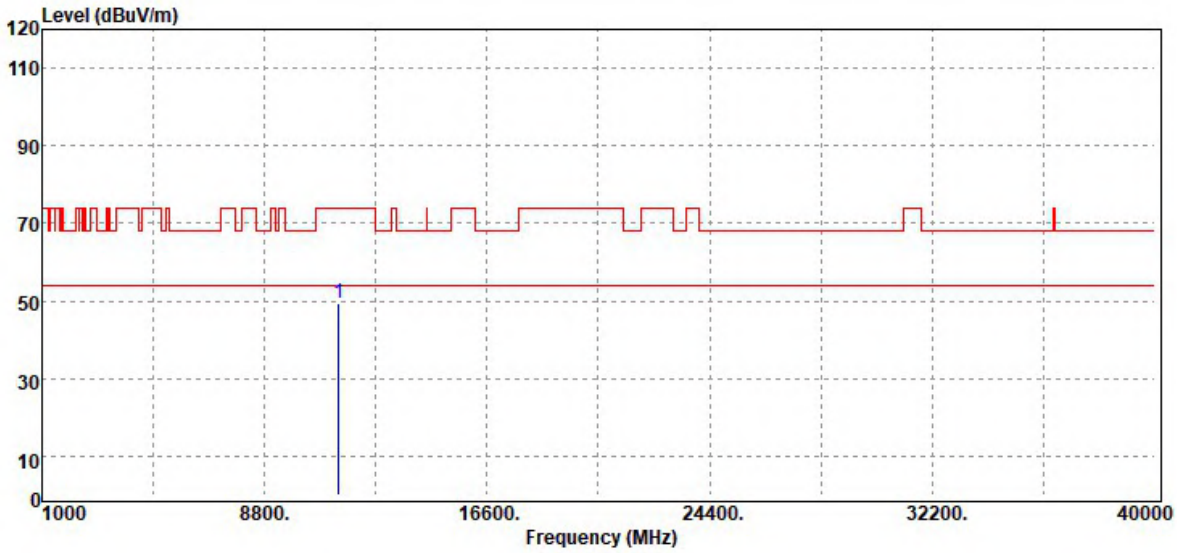



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.79 | 15.94 | 49.73 | 74.00 | -24.27 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5700 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

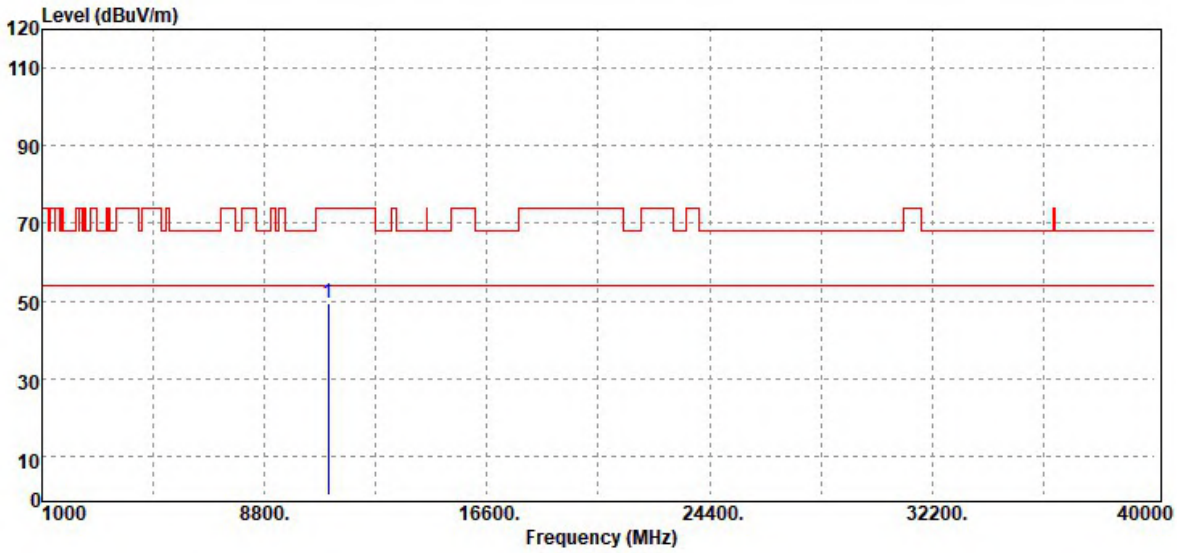



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11400.00 | Peak | 33.48 | 15.94 | 49.42 | 74.00 | -24.58 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

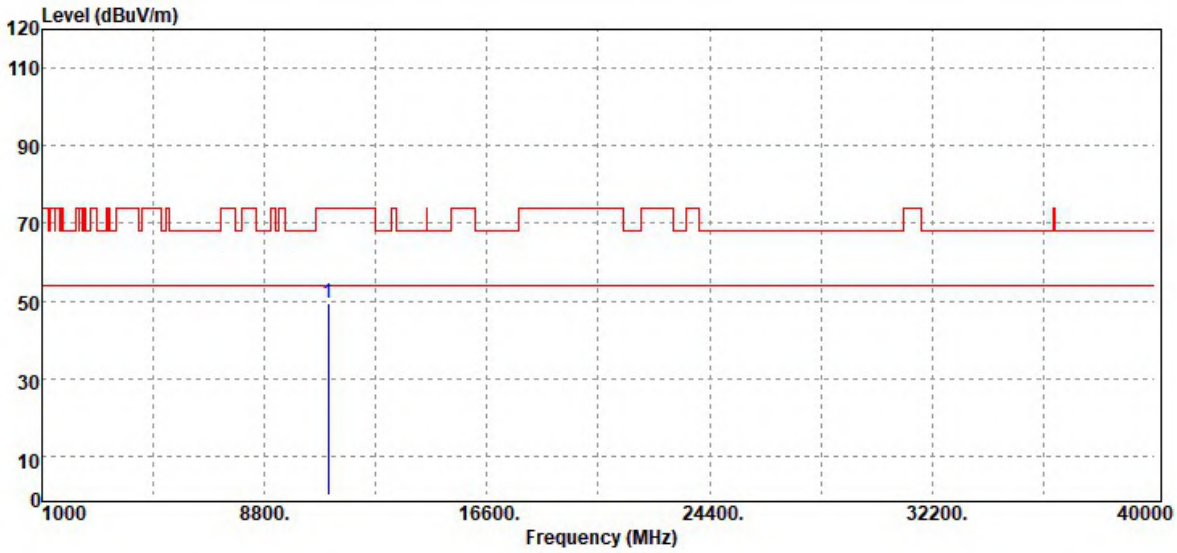



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11020.00 | Peak | 33.55 | 15.84 | 49.39 | 74.00 | -24.61 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5510 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

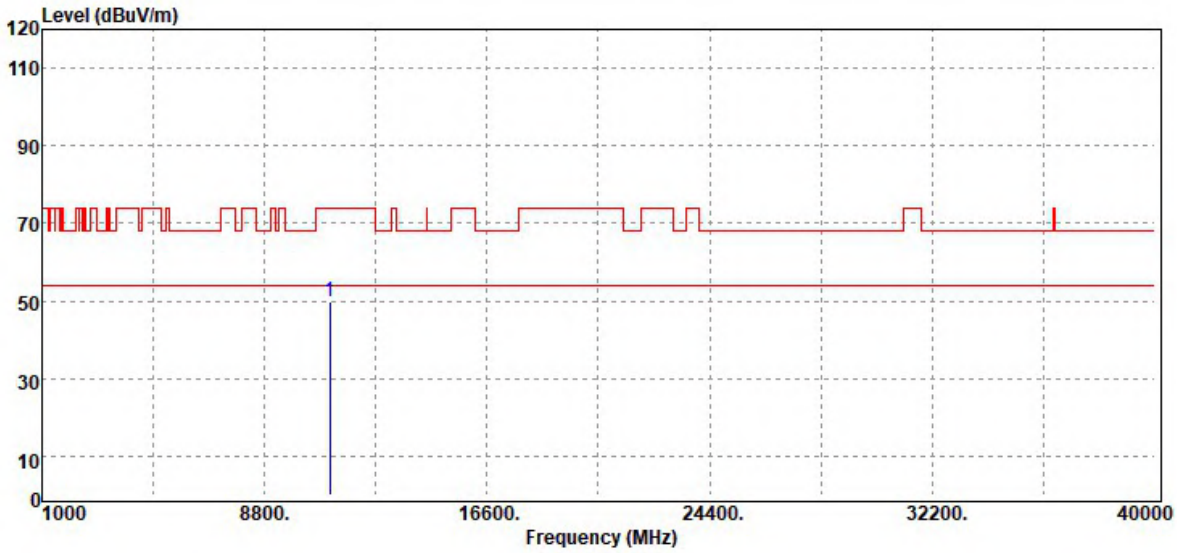



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11020.00 | Peak | 33.59 | 15.84 | 49.43 | 74.00 | -24.57 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5550 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

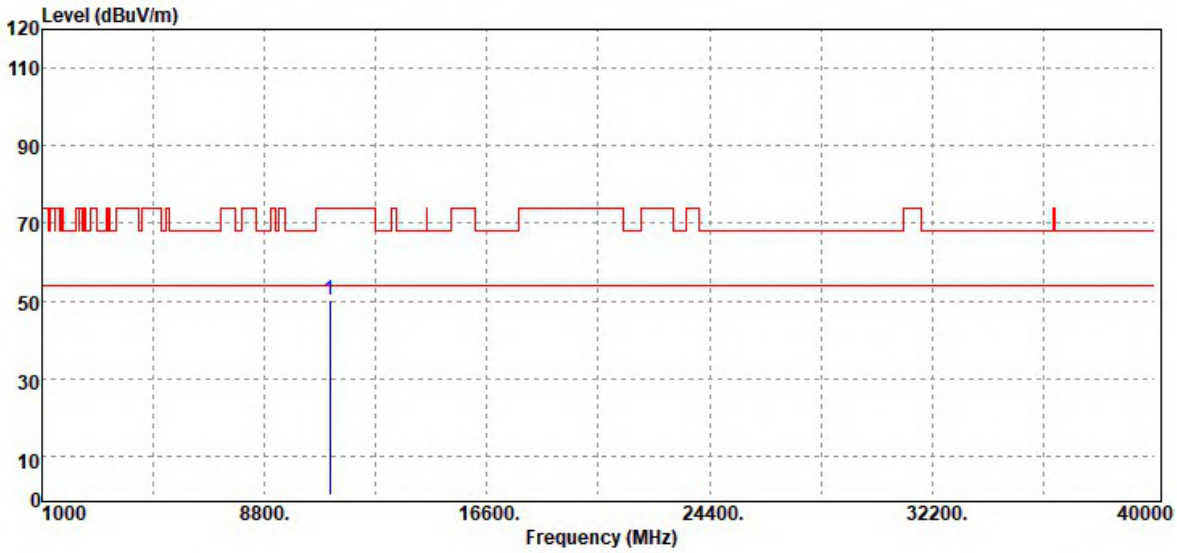



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11100.00 | Peak | 33.61 | 16.39 | 50.00 | 74.00 | -24.00 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5550 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |




| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11100.00 | Peak | 33.71 | 16.39 | 50.10 | 74.00 | -23.90 |
| N/A | | | | | | |
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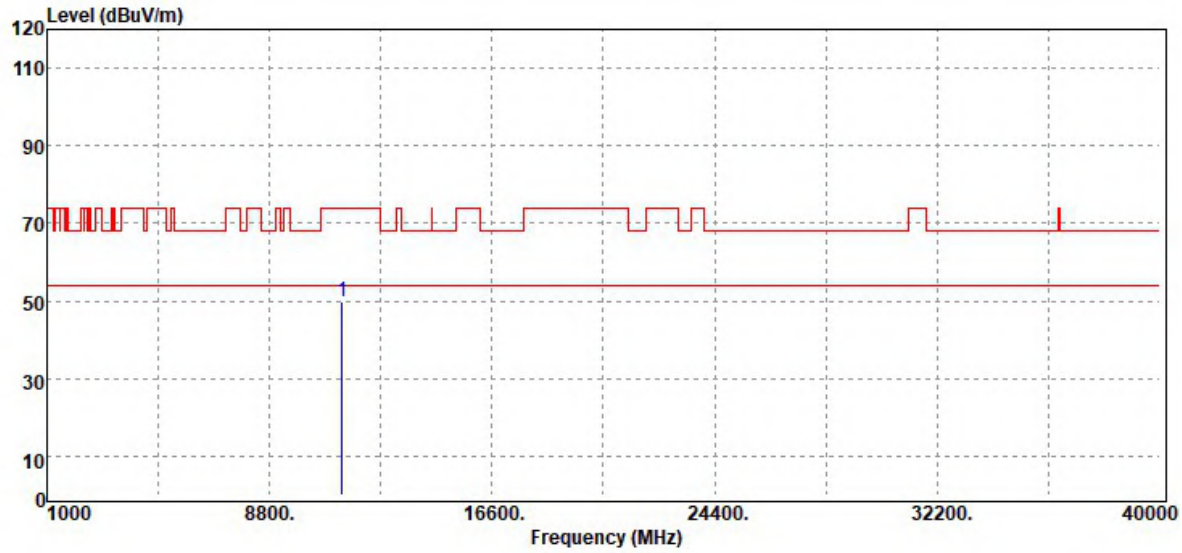
***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

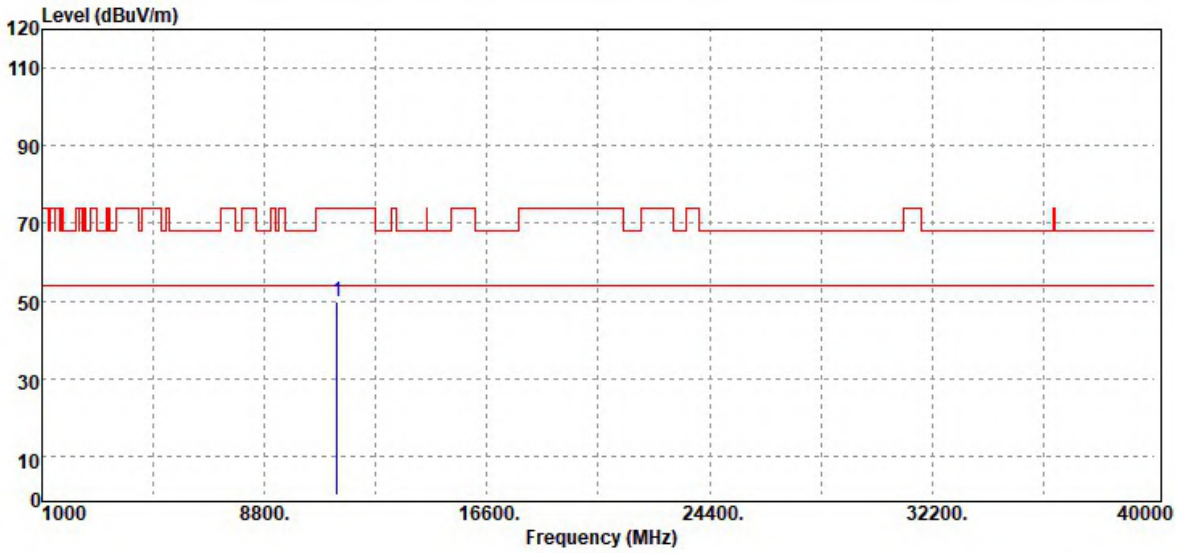



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11340.00 | Peak | 33.90 | 15.99 | 49.89 | 74.00 | -24.11 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz / 5670 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

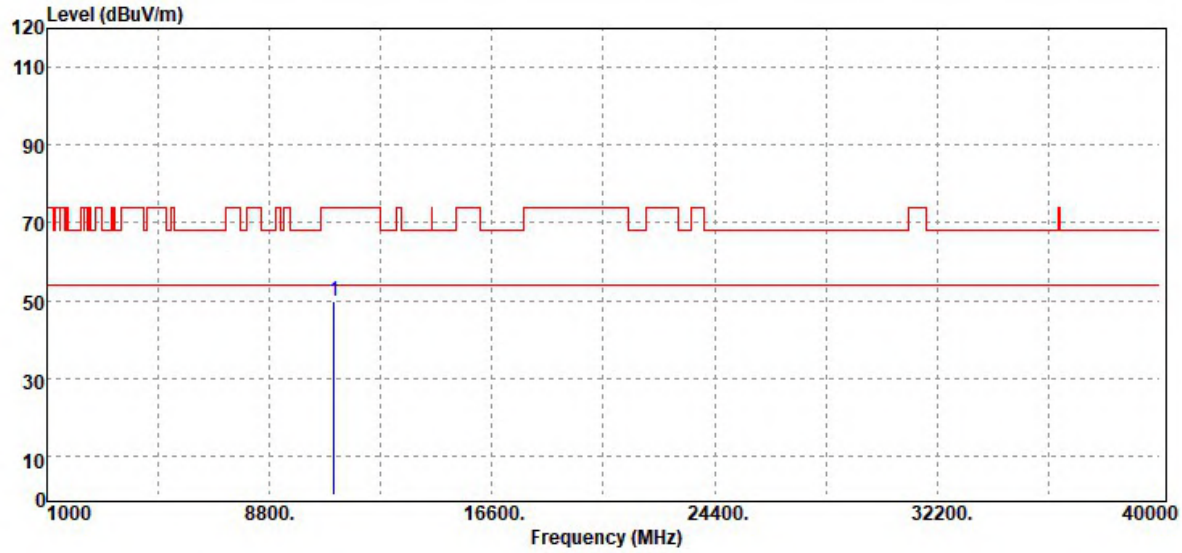



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11340.00 | Peak | 33.78 | 15.99 | 49.77 | 74.00 | -24.23 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

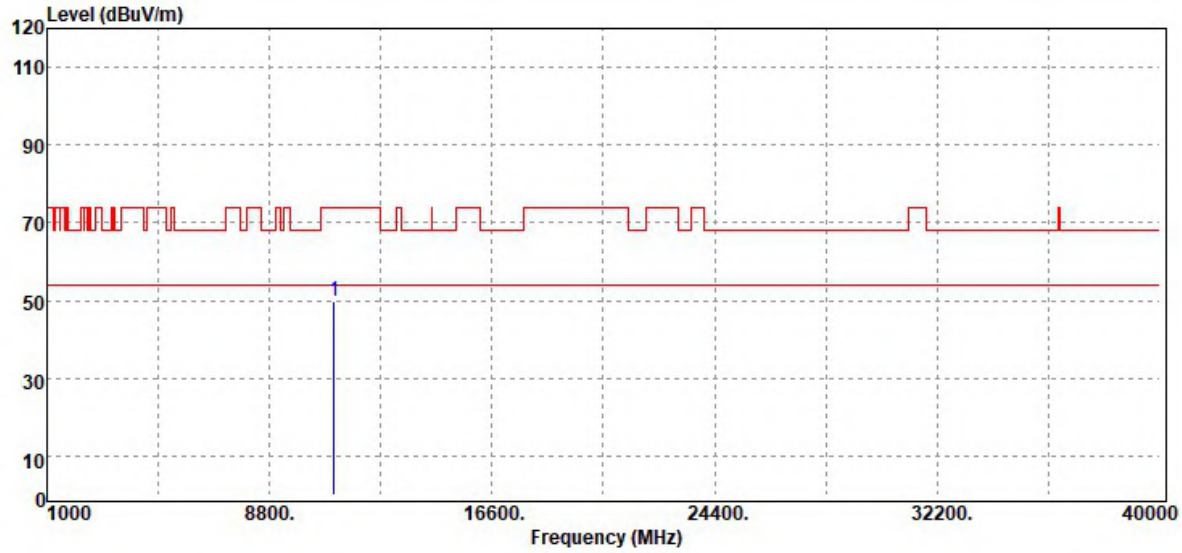



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11060.00 | Peak | 33.86 | 16.08 | 49.94 | 74.00 | -24.06 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5530 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

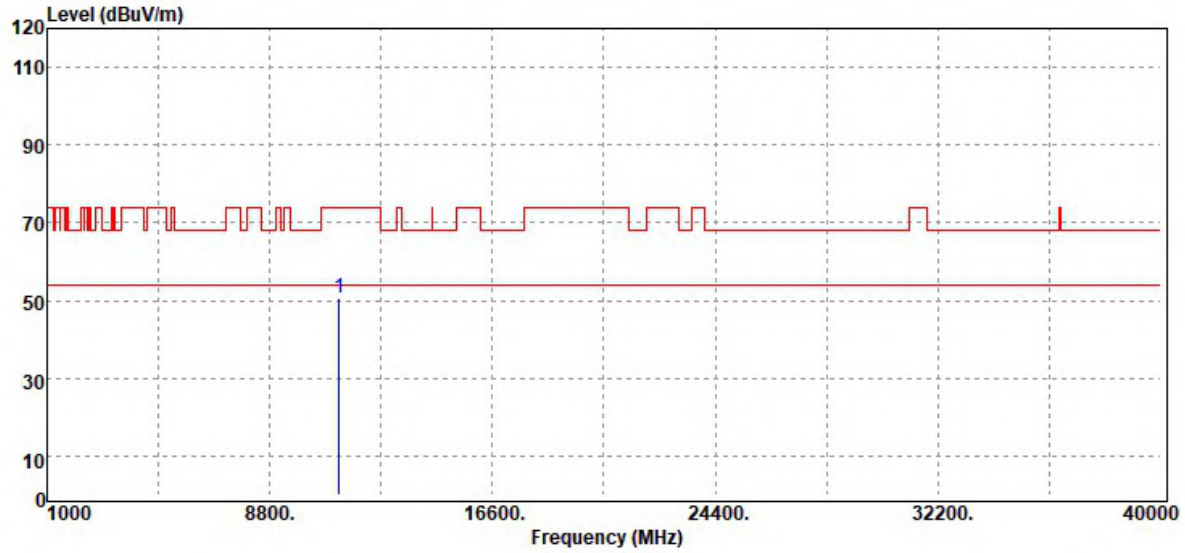



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11060.00 | Peak | 33.67 | 16.08 | 49.75 | 74.00 | -24.25 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5610MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | April 15, 2020 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

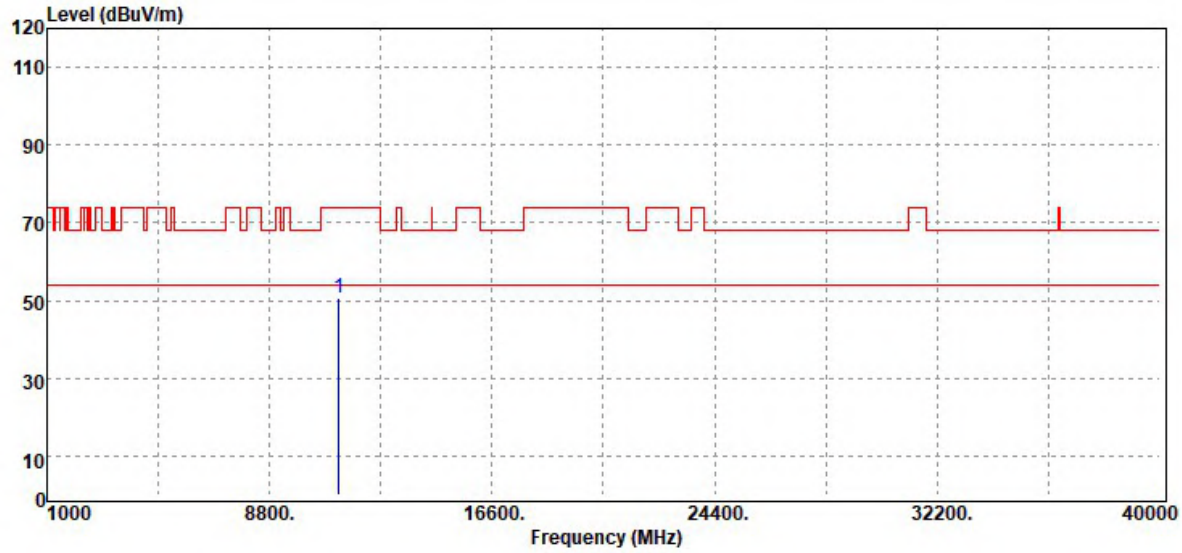



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11220.00 | Peak | 34.31 | 16.45 | 50.76 | 74.00 | -23.24 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80 / 5610 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | April 15, 2020 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |



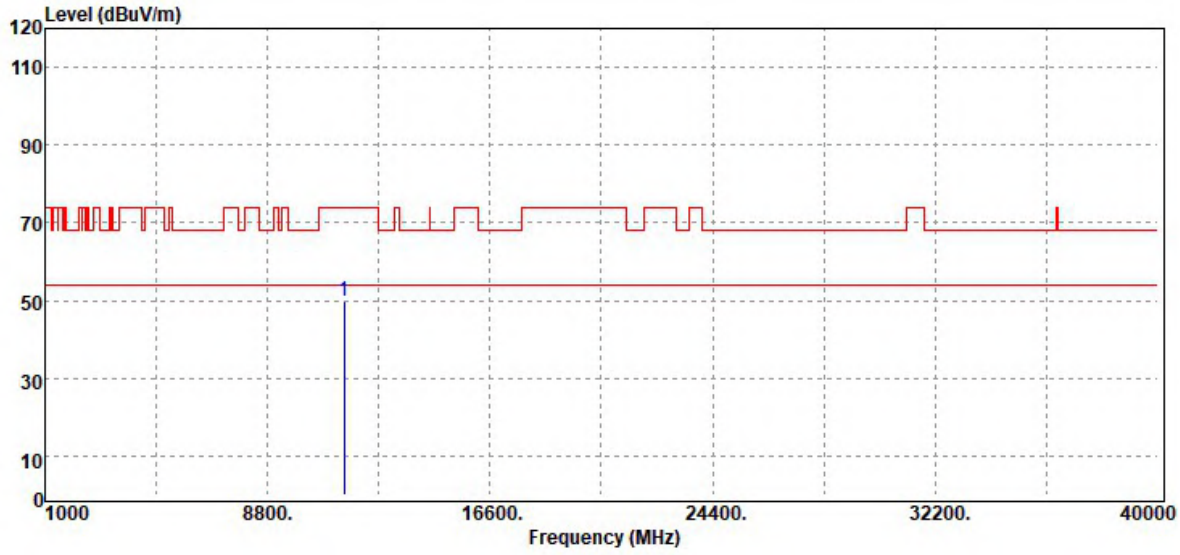

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11220.00 | Peak | 34.41 | 16.45 | 50.86 | 74.00 | -23.14 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

## Test Data for UNII-3

| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

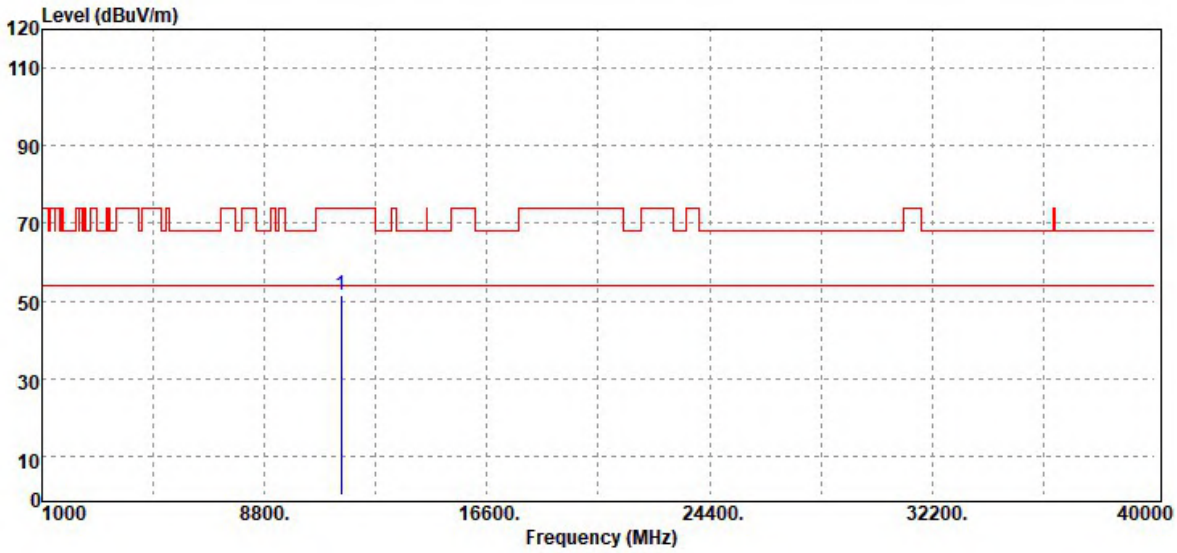



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 34.40 | 15.57 | 49.97 | 74.00 | -24.03 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5745 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

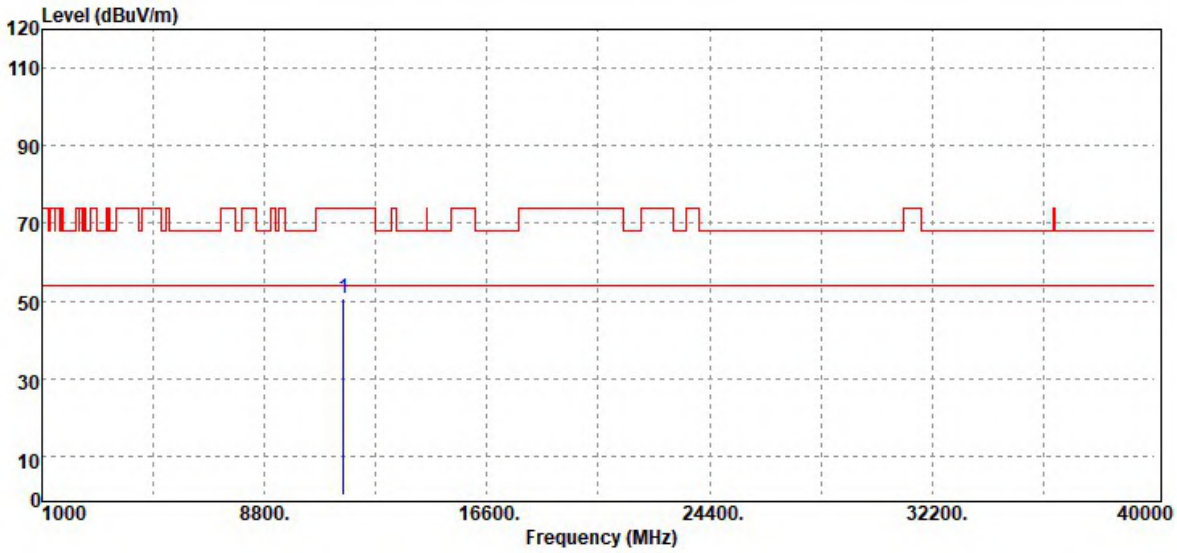



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 35.80 | 15.57 | 51.37 | 74.00 | -22.63 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5785 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

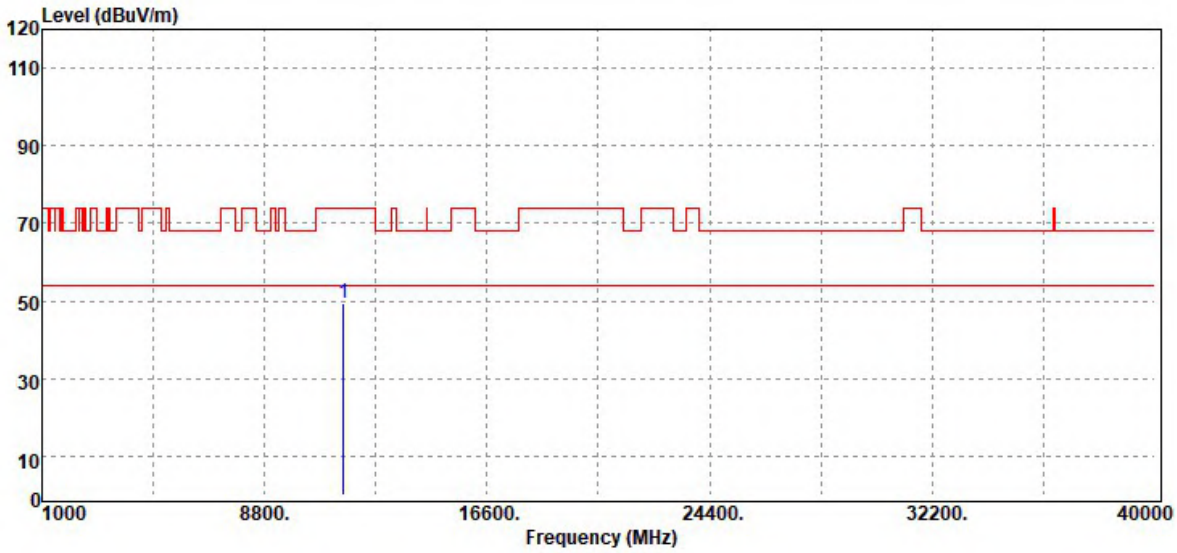



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 35.22 | 15.50 | 50.72 | 74.00 | -23.28 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5785 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

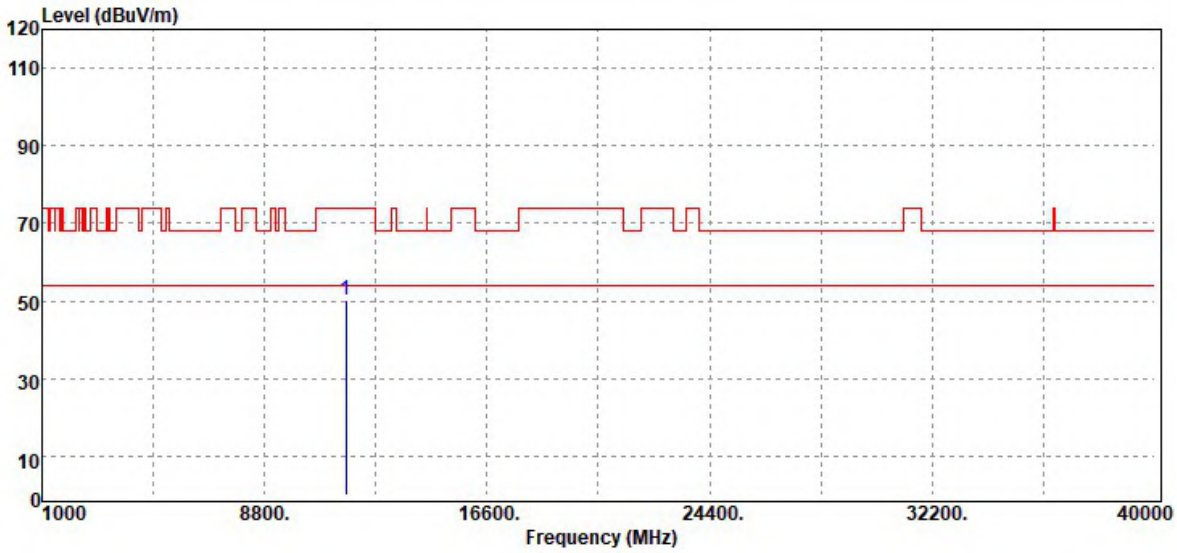



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 33.95 | 15.50 | 49.45 | 74.00 | -24.55 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

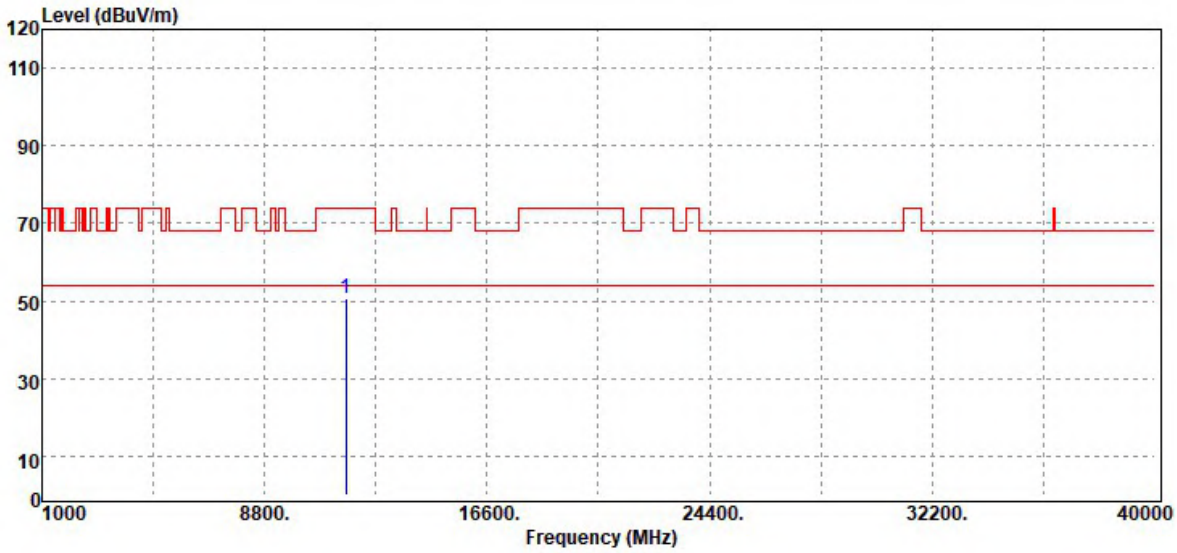



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 34.63 | 15.53 | 50.16 | 74.00 | -23.84 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11a / 5825 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

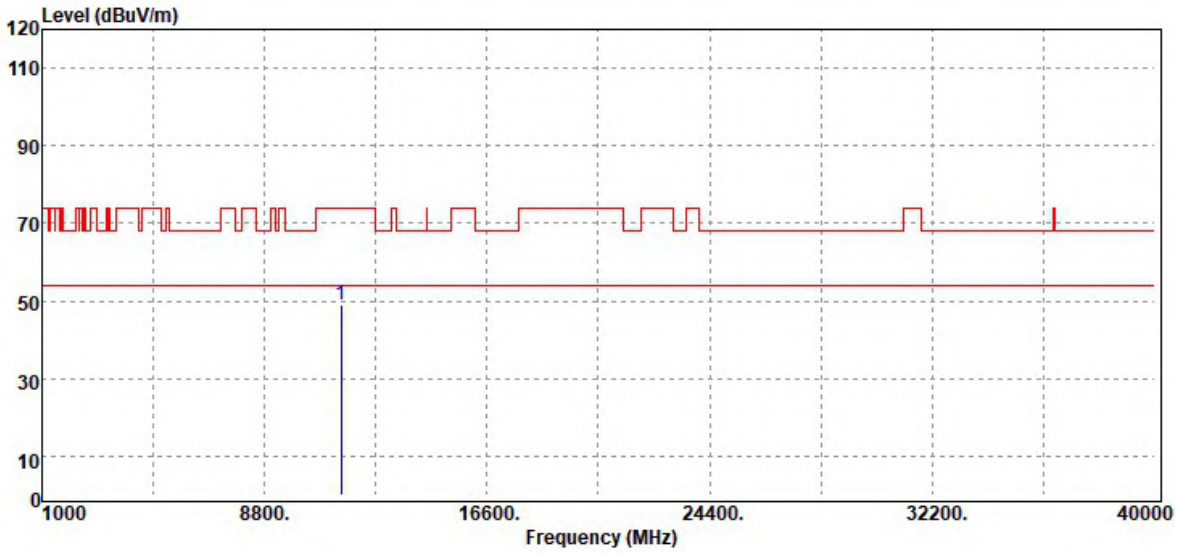



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 35.15 | 15.53 | 50.68 | 74.00 | -23.32 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

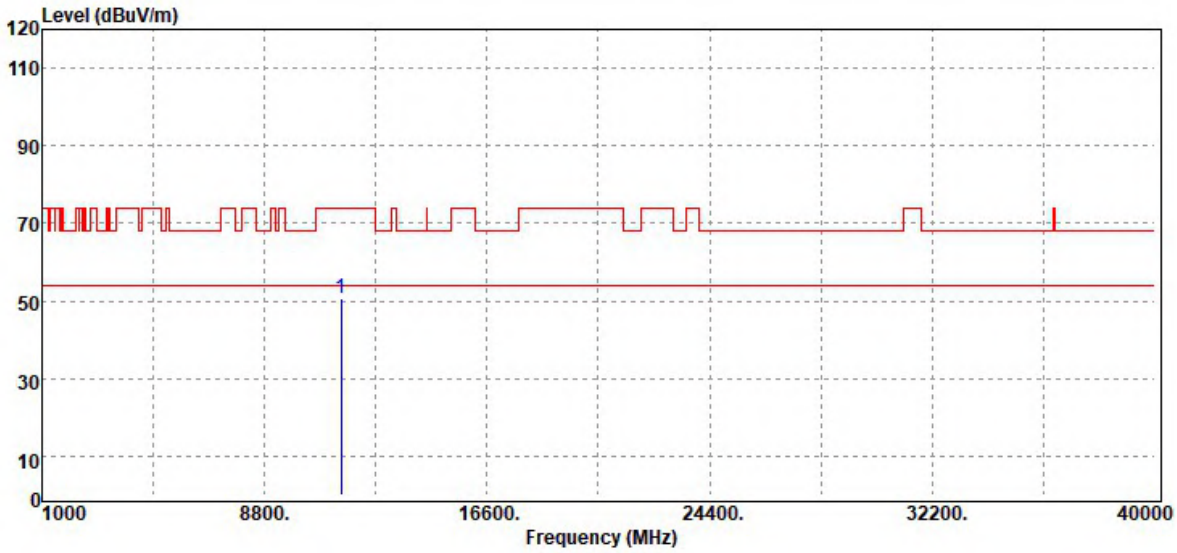



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 33.61 | 15.57 | 49.18 | 74.00 | -24.82 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz / 5745 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

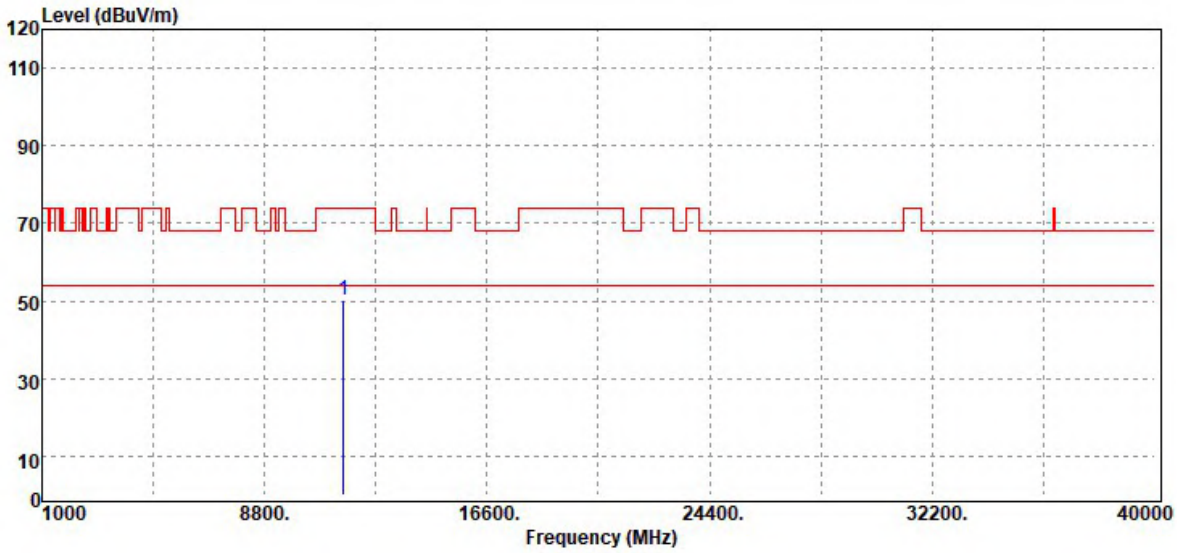



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11490.00 | Peak | 35.26 | 15.57 | 50.83 | 74.00 | -23.17 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5785 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

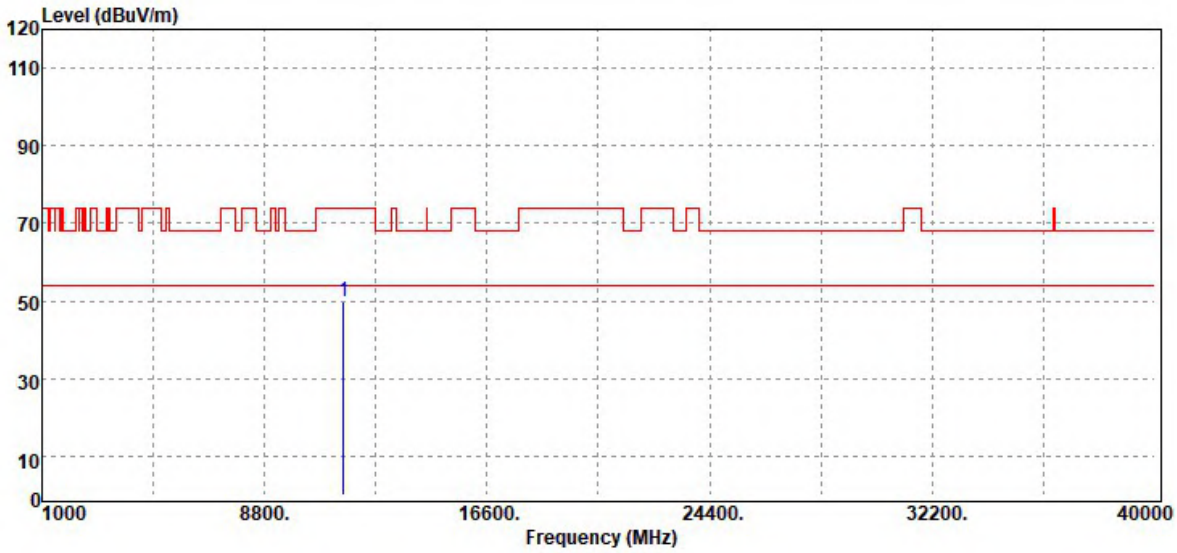



| Freq.<br>MHz | Detector Mode<br>PK/QP/AV | Spectrum Reading Level<br>dBµV | Factor<br>dB | Actual FS<br>dBµV/m | Limit @3m<br>dBµV/m | Margin<br>dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 34.81 | 15.50 | 50.31 | 74.00 | -23.69 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5785 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

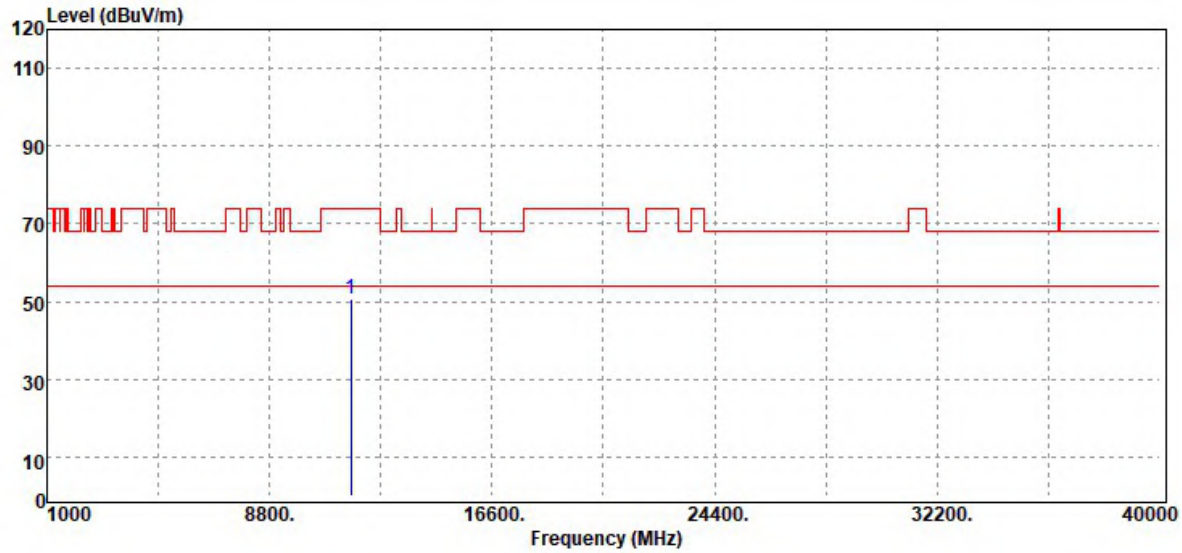



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.00 | Peak | 34.21 | 15.50 | 49.71 | 74.00 | -24.29 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5825 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

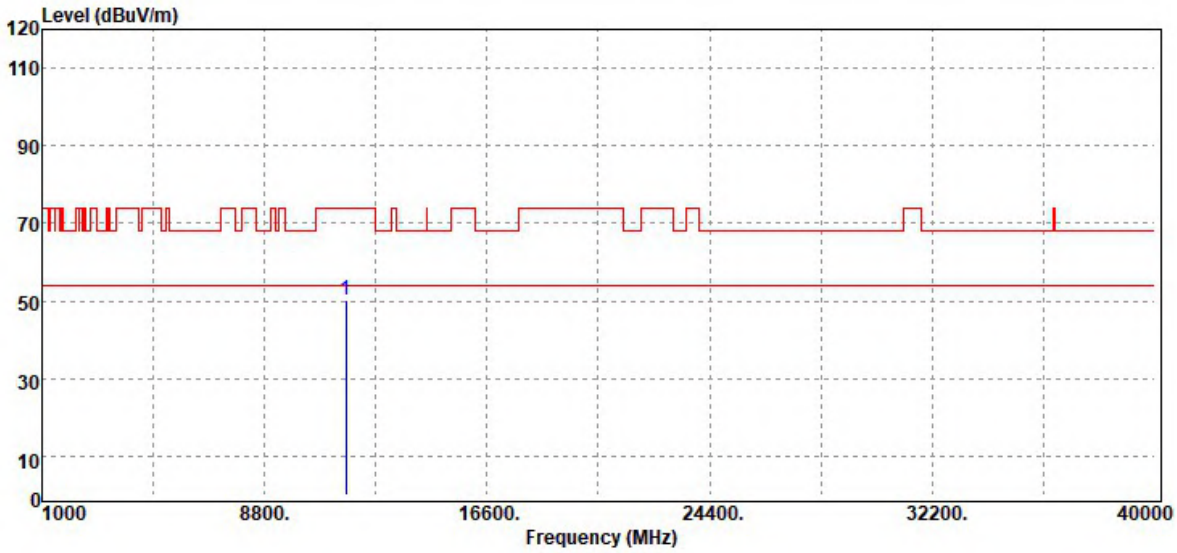



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 35.12 | 15.53 | 50.65 | 74.00 | -23.35 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 20 MHz/ 5825 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

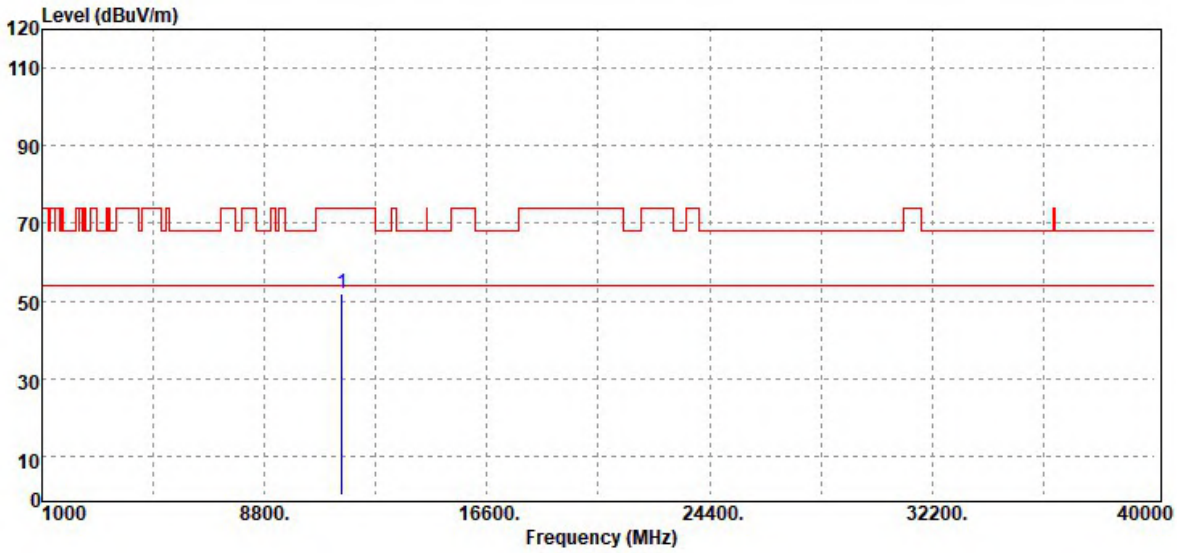



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11650.00 | Peak | 34.74 | 15.53 | 50.27 | 74.00 | -23.73 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5755 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

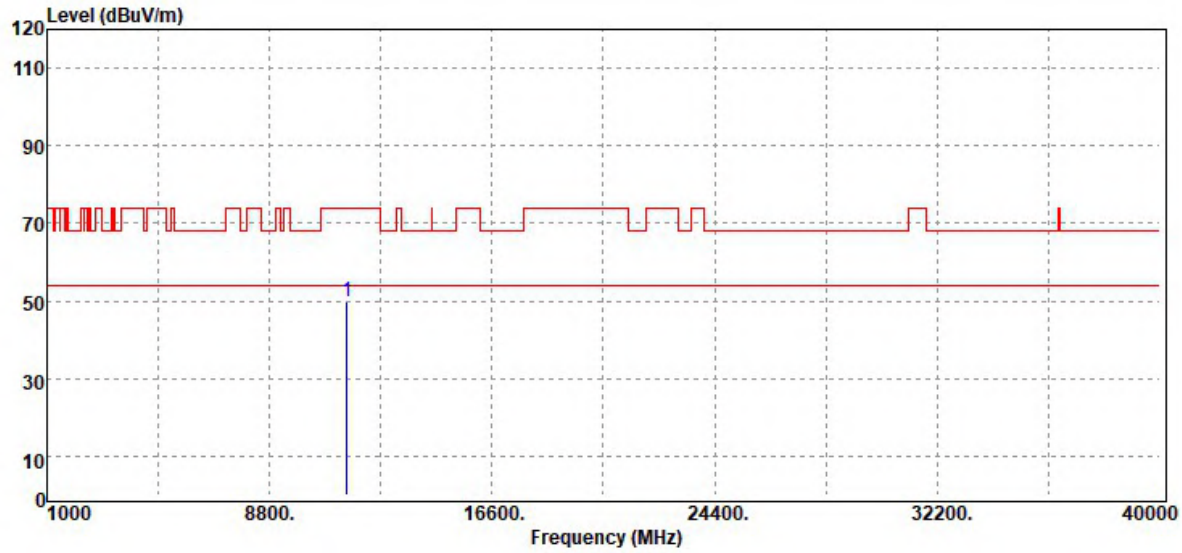



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11510.00 | Peak | 36.67 | 15.35 | 52.02 | 74.00 | -21.98 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5755 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

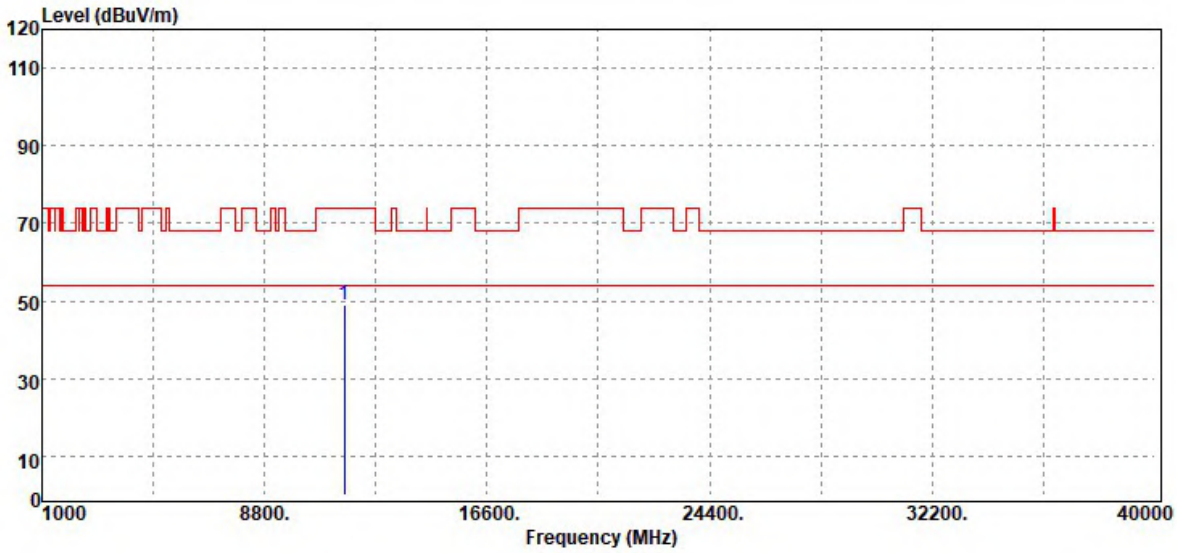



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11510.00 | Peak | 34.41 | 15.35 | 49.76 | 74.00 | -24.24 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5795 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

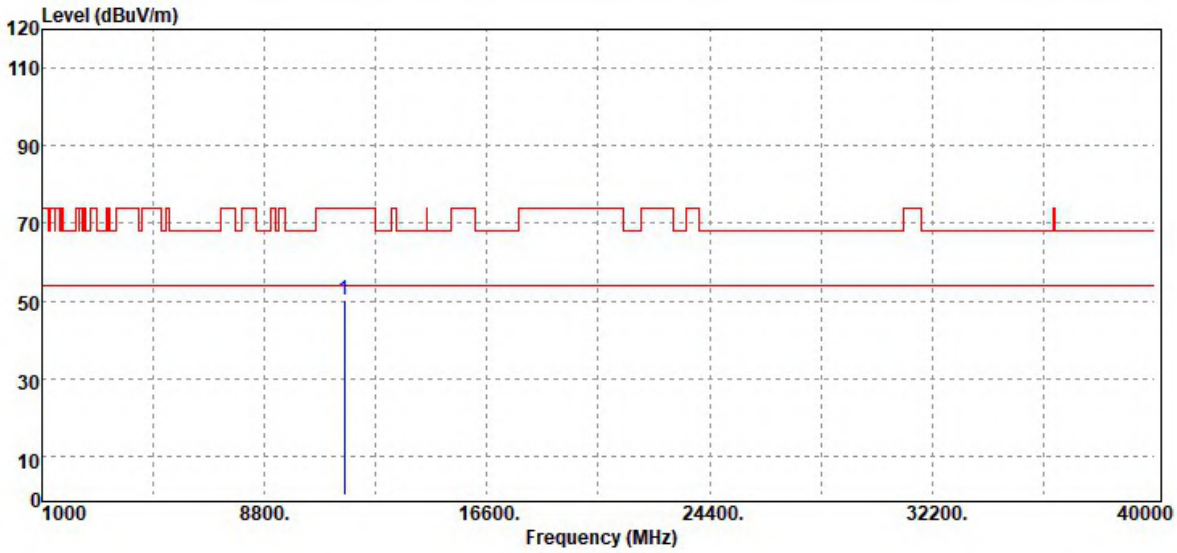



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11590.00 | Peak | 33.47 | 15.62 | 49.09 | 74.00 | -24.91 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11n 40 MHz/ 5795 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |

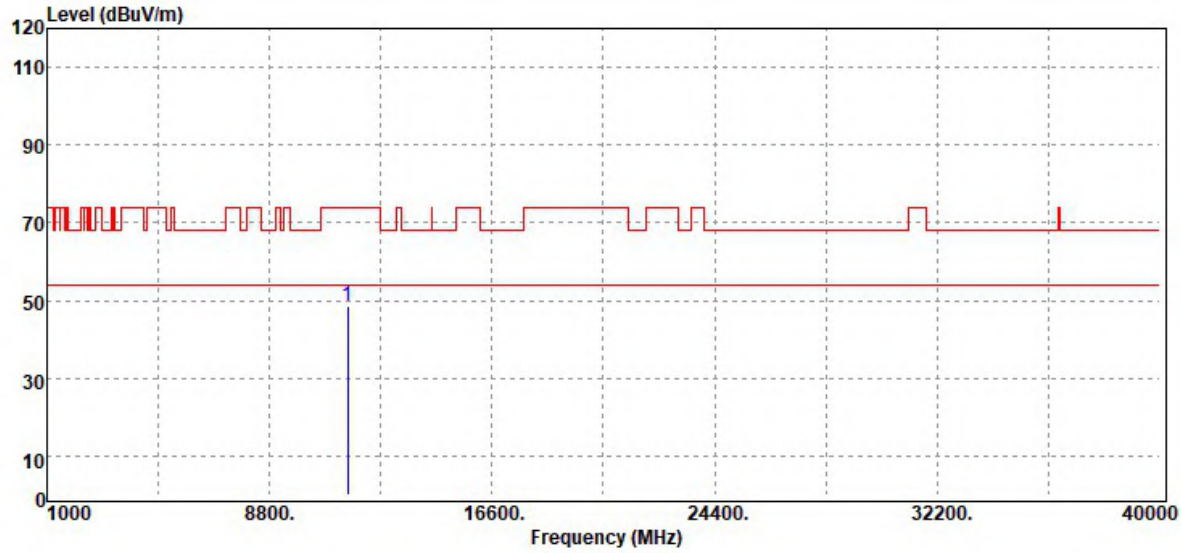



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11590.00 | Peak | 34.81 | 15.62 | 50.43 | 74.00 | -23.57 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80/ 5775 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Vertical | Test Engineer | Jerry Chang |
| Detector | Peak | | |

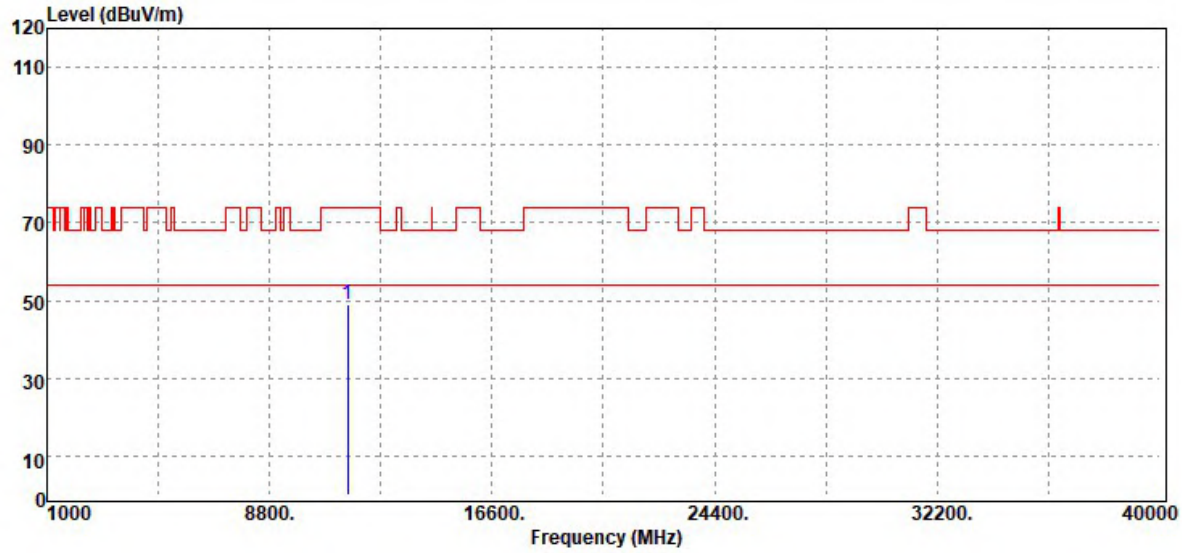



| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11550.00 | Peak | 33.27 | 15.39 | 48.66 | 74.00 | -25.34 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

| Test Mode | IEEE 802.11ac VHT80/ 5775 MHz | Temp/Hum | 22.1(℃)/ 58%RH |
|---|---|---|---|
| Test Item | Harmonic | Test Date | December 24, 2019 |
| Polarize | Horizontal | Test Engineer | Jerry Chang |
| Detector | Peak | | |




| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11550.00 | Peak | 33.45 | 15.39 | 48.84 | 74.00 | -25.16 |
| N/A | | | | | | |
| | | | | | | |
| | | | | | | |

***Remark:***

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

# 4.6 FREQUENCY STABILITY

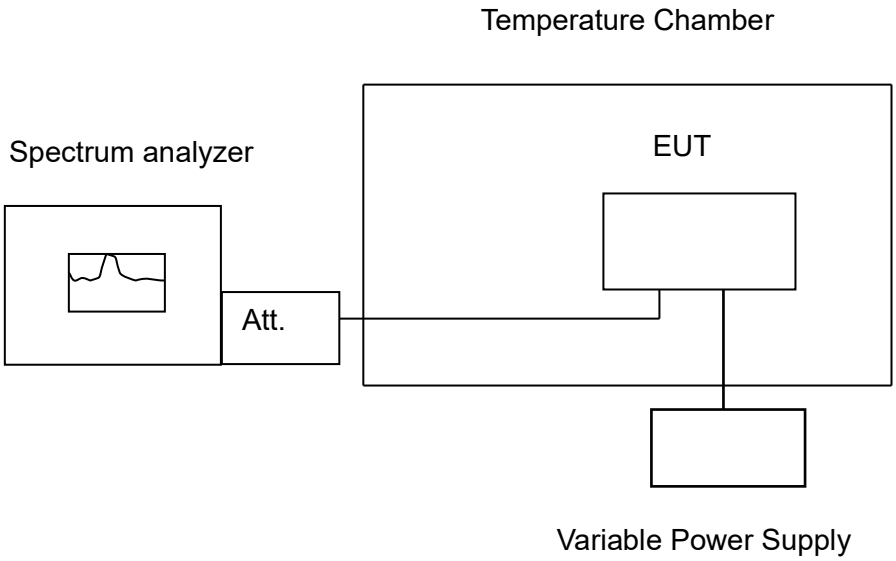
## 4.6.1 Test Limit

According to §15.407(g) manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

## 4.6.2 Test Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to –35°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +65°C reached.

## 4.6.3 Test Setup



## 4.6.4 Test Result

| Temp. (°C) | Voltage (V) | Measured Frequency | 5180 | | (MHz) | Limit | | | | Result |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 65 | 3.3 | 5180.03430 | 5180.03430 | 5180.03082 | 5180.03082 | 6.6216 | 6.6216 | 5.9498 | 5.9498 | Pass |
| 50 | 3.3 | 5180.03169 | 5180.03082 | 5180.03169 | 5180.03169 | 6.1178 | 5.9498 | 6.1178 | 6.1178 | Pass |
| 40 | 3.3 | 5180.02779 | 5180.02779 | 5180.02996 | 5180.02996 | 5.3649 | 5.3649 | 5.7838 | 5.7838 | Pass |
| 30 | 3.3 | 5180.02648 | 5180.02779 | 5180.02996 | 5180.02996 | 5.1120 | 5.3649 | 5.7838 | 5.7838 | Pass |
| 20 | 3.3 | 5180.01910 | 5180.01910 | 5180.01301 | 5180.02431 | 3.6873 | 3.6873 | 2.5116 | 4.6931 | Pass |
| 10 | 3.3 | 5180.02431 | 5180.02431 | 5180.01910 | 5180.02431 | 4.6931 | 4.6931 | 3.6873 | 4.6931 | Pass |
| 0 | 3.3 | 5180.03517 | 5180.03603 | 5180.03690 | 5180.03734 | 6.7896 | 6.9556 | 7.1236 | 7.2085 | Pass |
| -10 | 3.3 | 5180.03517 | 5180.03603 | 5180.03690 | 5180.03734 | 6.7896 | 6.9556 | 7.1236 | 7.2085 | Pass |
| -20 | 3.3 | 5180.03951 | 5180.03951 | 5180.03864 | 5180.03864 | 7.6274 | 7.6274 | 7.4595 | 7.4595 | Pass |
| -35 | 3.3 | 5180.03864 | 5180.03864 | 5180.04038 | 5180.04038 | 7.4595 | 7.4595 | 7.7954 | 7.7954 | Pass |
| Temp. (°C) | Voltage (V) | Measured Frequency | 5180 | | (MHz) | Limit | | | | Result |
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 25 | 2.97 | 5180.01910 | 5180.01910 | 5180.01301 | 5180.02431 | 3.6873 | 3.6873 | 2.5116 | 4.6931 | Pass |
| 25 | 3.3 | 5180.02431 | 5180.01910 | 5180.01910 | 5180.01301 | 4.6931 | 3.6873 | 3.6873 | 2.5116 | Pass |
| 25 | 3.63 | 5180.02431 | 5180.02431 | 5180.02779 | 5180.02431 | 4.6931 | 4.6931 | 5.3649 | 4.6931 | Pass |

| Temp. (°C) | Voltage (V) | Measured Frequency | 5260 | | (MHz) | Limit | | | | Result |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 65 | 3.3 | 5260.00608 | 5260.00608 | 5260.00608 | 5260.00608 | 1.1559 | 1.1559 | 1.1559 | 1.1559 | Pass |
| 50 | 3.3 | 5260.00608 | 5260.00608 | 5260.00608 | 5260.00564 | 1.1559 | 1.1559 | 1.1559 | 1.0722 | Pass |
| 40 | 3.3 | 5260.00564 | 5260.00564 | 5260.00521 | 5260.00564 | 1.0722 | 1.0722 | 0.9905 | 1.0722 | Pass |
| 30 | 3.3 | 5260.00521 | 5260.00521 | 5260.00521 | 5260.00521 | 0.9905 | 0.9905 | 0.9905 | 0.9905 | Pass |
| 20 | 3.3 | 5260.01606 | 5260.01606 | 5260.01606 | 5260.01606 | 3.0532 | 3.0532 | 3.0532 | 3.0532 | Pass |
| 10 | 3.3 | 5260.02214 | 5260.02084 | 5260.02041 | 5260.01997 | 4.2091 | 3.9620 | 3.8802 | 3.7966 | Pass |
| 0 | 3.3 | 5260.02301 | 5260.02301 | 5260.02301 | 5260.02301 | 4.3745 | 4.3745 | 4.3745 | 4.3745 | Pass |
| -10 | 3.3 | 5260.02214 | 5260.02171 | 5260.02171 | 5260.02214 | 4.2091 | 4.1274 | 4.1274 | 4.2091 | Pass |
| -20 | 3.3 | 5260.03039 | 5260.02996 | 5260.02996 | 5260.03039 | 5.7776 | 5.6958 | 5.6958 | 5.7776 | Pass |
| -35 | 3.3 | 5260.02996 | 5260.03039 | 5260.02996 | 5260.03039 | 5.6958 | 5.7776 | 5.6958 | 5.7776 | Pass |
| Temp. (°C) | Voltage (V) | Measured Frequency | 5260 | | (MHz) | Limit | | | | Result |
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 25 | 2.97 | 5260.01433 | 5260.01433 | 5260.01476 | 5260.01476 | 2.7243 | 2.7243 | 2.8061 | 2.8061 | Pass |
| 25 | 3.3 | 5260.01606 | 5260.01606 | 5260.01606 | 5260.01563 | 3.0532 | 3.0532 | 3.0532 | 2.9715 | Pass |
| 25 | 3.63 | 5260.01563 | 5260.01520 | 5260.01476 | 5260.01476 | 2.9715 | 2.8897 | 2.8061 | 2.8061 | Pass |

| Temp. (°C) | Voltage (V) | Measured Frequency | 5500 | | (MHz) | Limit | | | | Result |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 65 | 3.3 | 5500.02214 | 5500.02865 | 5500.02865 | 5500.03039 | 4.0255 | 5.2091 | 5.2091 | 5.5255 | Pass |
| 50 | 3.3 | 5500.00999 | 5500.01520 | 5500.01780 | 5500.02041 | 1.8164 | 2.7636 | 3.2364 | 3.7109 | Pass |
| 40 | 3.3 | 5499.99653 | 5499.99696 | 5499.99740 | 5499.99783 | -0.6309 | -0.5527 | -0.4727 | -0.3945 | Pass |
| 30 | 3.3 | 5499.99479 | 5499.99479 | 5499.99479 | 5499.99522 | -0.9473 | -0.9473 | -0.9473 | -0.8691 | Pass |
| 20 | 3.3 | 5500.00087 | 5500.00000 | 5499.99957 | 5499.99987 | 0.1582 | 0.0000 | -0.0782 | -0.0236 | Pass |
| 10 | 3.3 | 5500.00129 | 5500.00608 | 5500.00478 | 5500.00347 | 0.2345 | 1.1055 | 0.8691 | 0.6309 | Pass |
| 0 | 3.3 | 5500.00825 | 5500.00781 | 5500.00695 | 5500.00608 | 1.5000 | 1.4200 | 1.2636 | 1.1055 | Pass |
| -10 | 3.3 | 5500.00174 | 5500.00260 | 5500.00304 | 5500.00347 | 0.3164 | 0.4727 | 0.5527 | 0.6309 | Pass |
| -20 | 3.3 | 5500.00174 | 5500.00174 | 5500.00174 | 5500.00260 | 0.3164 | 0.3164 | 0.3164 | 0.4727 | Pass |
| -35 | 3.3 | 5500.00174 | 5500.00174 | 5500.00174 | 5500.00174 | 0.3164 | 0.3164 | 0.3164 | 0.3164 | Pass |
| Temp. (°C) | Voltage (V) | Measured Frequency | 5500 | | (MHz) | Limit | | | | Result |
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 25 | 2.97 | 5500.00087 | 5500.00087 | 5499.99957 | 5499.99987 | 0.1582 | 0.1582 | -0.0782 | -0.0236 | Pass |
| 25 | 3.3 | 5499.99957 | 5499.99957 | 5500.00087 | 5499.99957 | -0.0782 | -0.0782 | 0.1582 | -0.0782 | Pass |
| 25 | 3.63 | 5499.99987 | 5499.99987 | 5499.99987 | 5499.99957 | -0.0236 | -0.0236 | -0.0236 | -0.0782 | Pass |

| Temp. (°C) | Voltage (V) | Measured Frequency | 5745 | | (MHz) | Limit | | | | Result |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 65 | 3.3 | 5745.01476 | 5745.01520 | 5745.01650 | 5745.01823 | 2.5692 | 2.6458 | 2.8721 | 3.1732 | Pass |
| 50 | 3.3 | 5745.00478 | 5745.00868 | 5745.00955 | 5745.01085 | 0.8320 | 1.5109 | 1.6623 | 1.8886 | Pass |
| 40 | 3.3 | 5744.99653 | 5744.99783 | 5744.99870 | 5745.00043 | -0.6040 | -0.3777 | -0.2263 | 0.0748 | Pass |
| 30 | 3.3 | 5744.99522 | 5744.99566 | 5744.99566 | 5744.99609 | -0.8320 | -0.7554 | -0.7554 | -0.6806 | Pass |
| 20 | 3.3 | 5744.99783 | 5744.99740 | 5744.99696 | 5744.99696 | -0.3777 | -0.4526 | -0.5292 | -0.5292 | Pass |
| 10 | 3.3 | 5745.00478 | 5745.00478 | 5745.00434 | 5745.00391 | 0.8320 | 0.8320 | 0.7554 | 0.6806 | Pass |
| 0 | 3.3 | 5745.01172 | 5745.00825 | 5745.00695 | 5745.00651 | 2.0400 | 1.4360 | 1.2097 | 1.1332 | Pass |
| -10 | 3.3 | 5745.03690 | 5745.03386 | 5745.03821 | 5745.03082 | 6.4230 | 5.8938 | 6.6510 | 5.3647 | Pass |
| -20 | 3.3 | 5745.03821 | 5745.03082 | 5745.03821 | 5745.03821 | 6.6510 | 5.3647 | 6.6510 | 6.6510 | Pass |
| -35 | 3.3 | 5745.03386 | 5745.03082 | 5745.03821 | 5745.03821 | 5.8938 | 5.3647 | 6.6510 | 6.6510 | Pass |
| Temp. (°C) | Voltage (V) | Measured Frequency | 5745 | | (MHz) | Limit | | | | Result |
| | | Time (min) | | | | 20ppm | | | | |
| Operating Frequency: | | 0 min | 2 min | 5 min | 10 min | 0 min | 2 min | 5 min | 10 min | |
| 25 | 2.97 | 5744.99653 | 5744.99653 | 5744.99609 | 5744.99609 | -0.6040 | -0.6040 | -0.6806 | -0.6806 | Pass |
| 25 | 3.3 | 5744.99609 | 5744.99609 | 5744.99609 | 5744.99566 | -0.6806 | -0.6806 | -0.6806 | -0.7554 | Pass |
| 25 | 3.63 | 5744.99522 | 5744.99522 | 5744.99522 | 5744.99609 | -0.8320 | -0.8320 | -0.8320 | -0.6806 | Pass |

--End of Test Report--