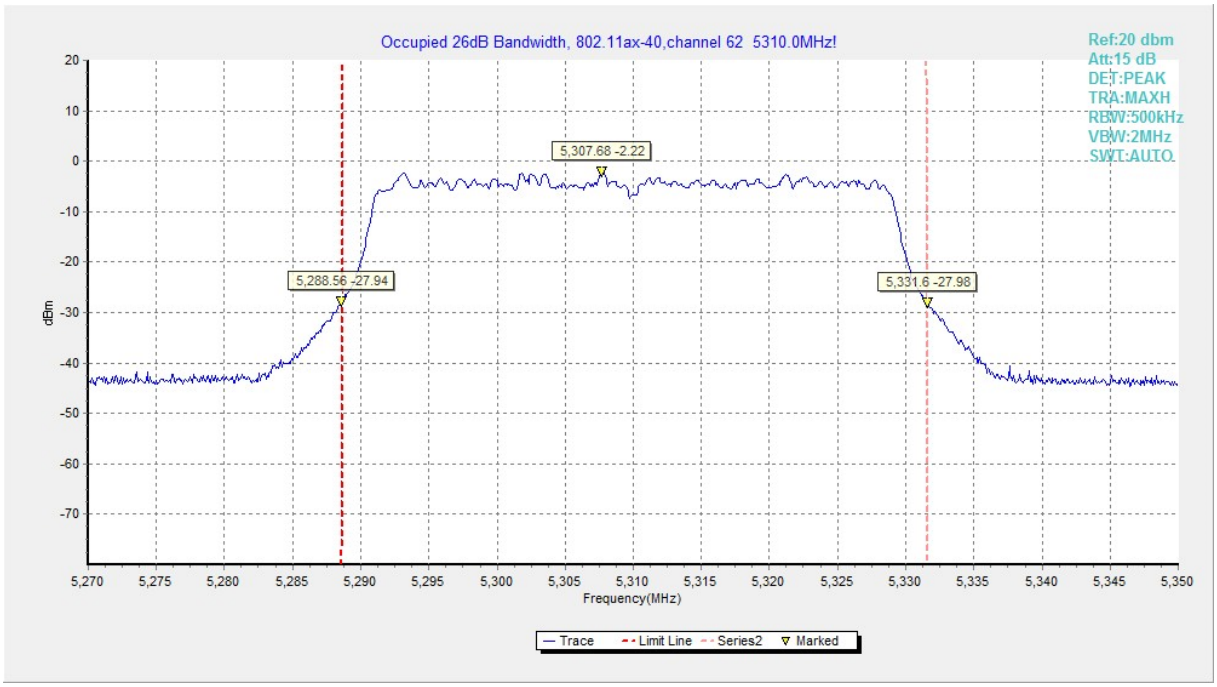


**Fig.24 Occupied 26dB Bandwidth (802.11ax-HE40, 5310MHz)**

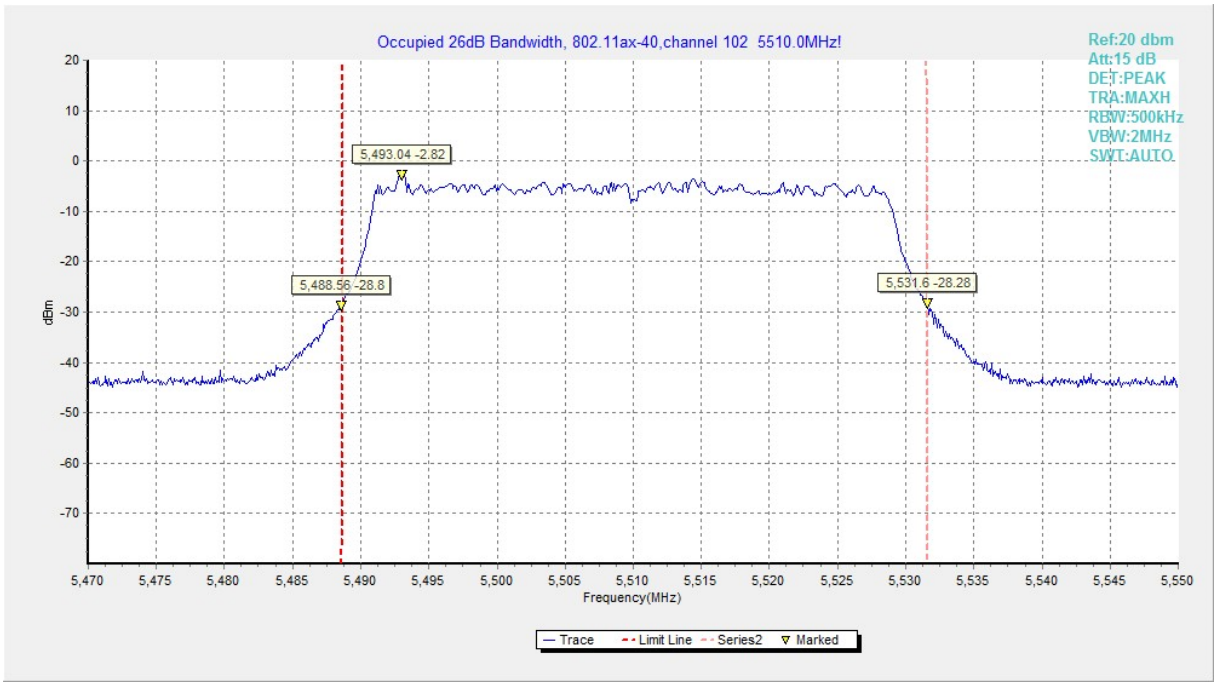


**Fig.25 Occupied 26dB Bandwidth (802.11ax-HE40, 5510MHz)**

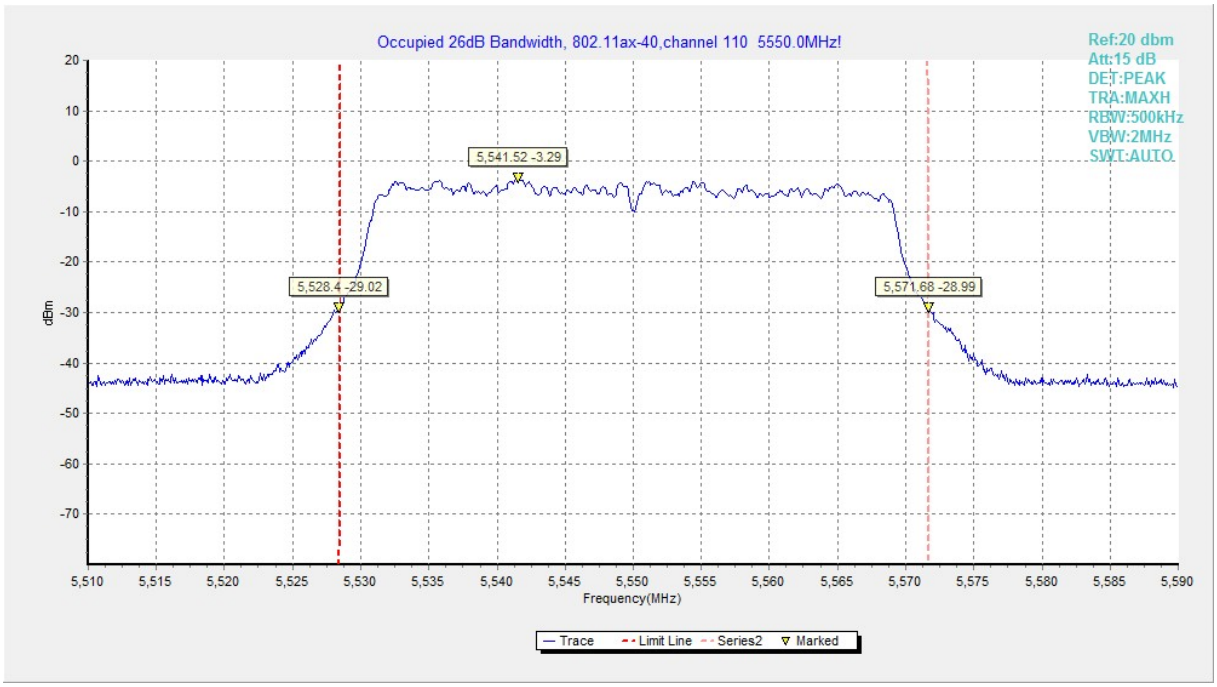


**Fig.26 Occupied 26dB Bandwidth (802.11ax-HE40, 5590MHz)**

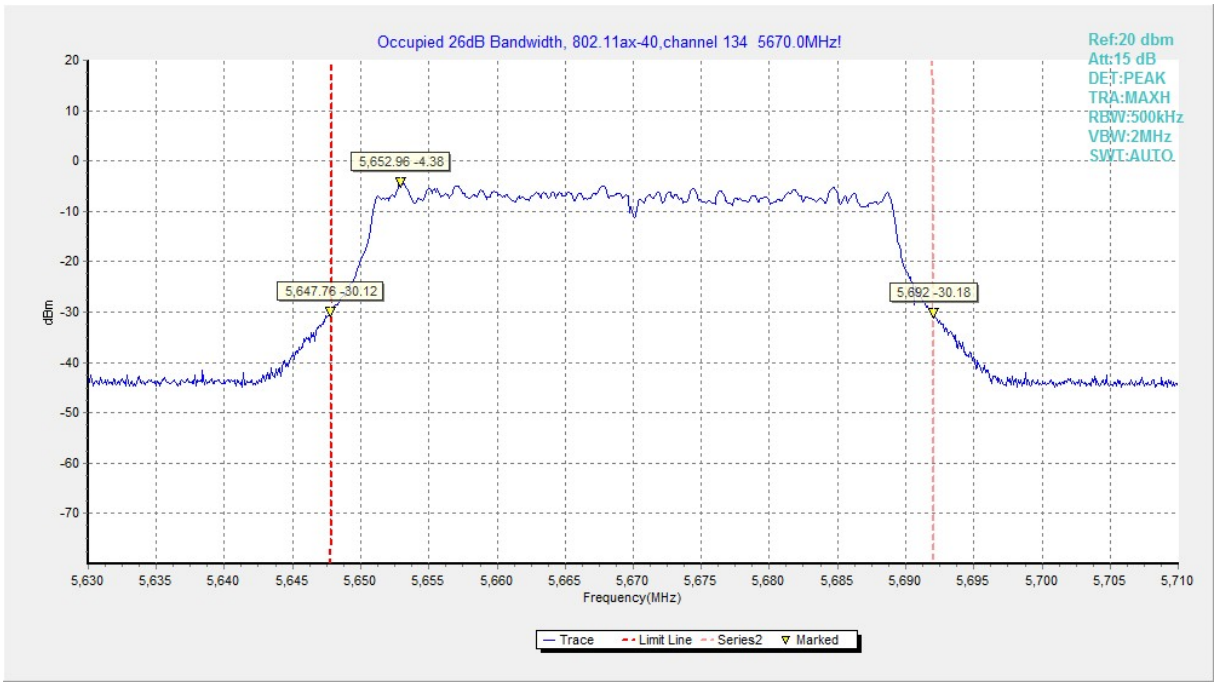


**Fig.27 Occupied 26dB Bandwidth (802.11ax-HE40, 5670MHz)**

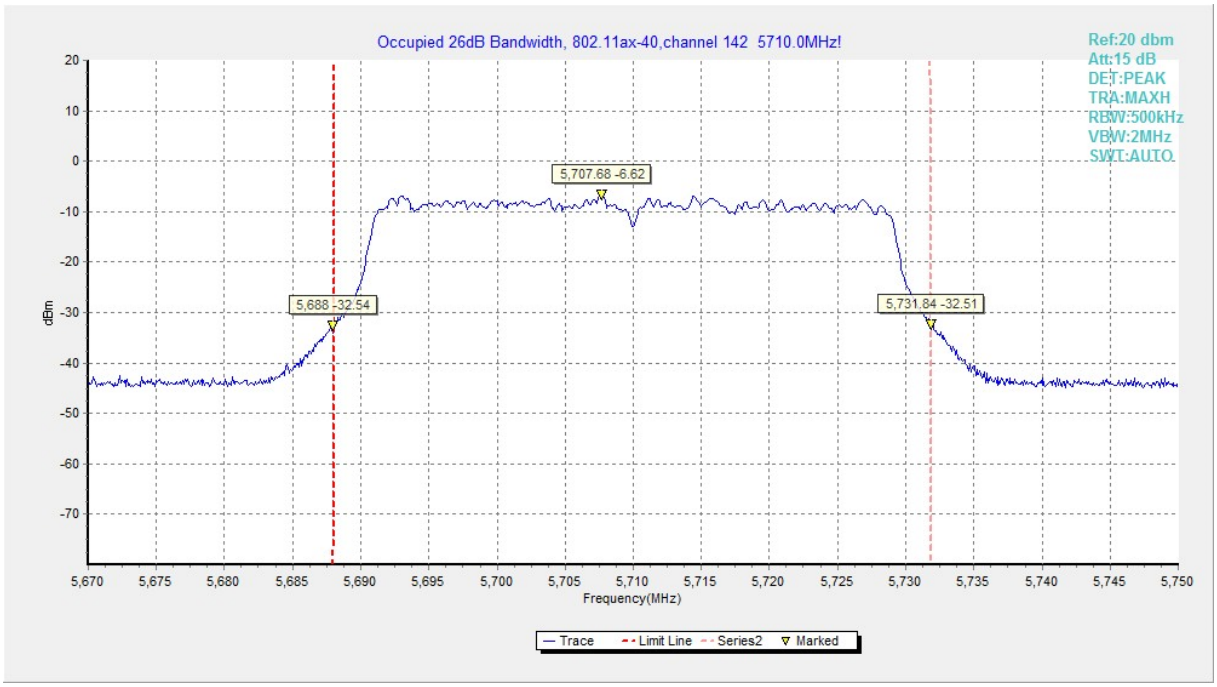


**Fig.28 Occupied 26dB Bandwidth (802.11ax-HE40, 5710MHz)**

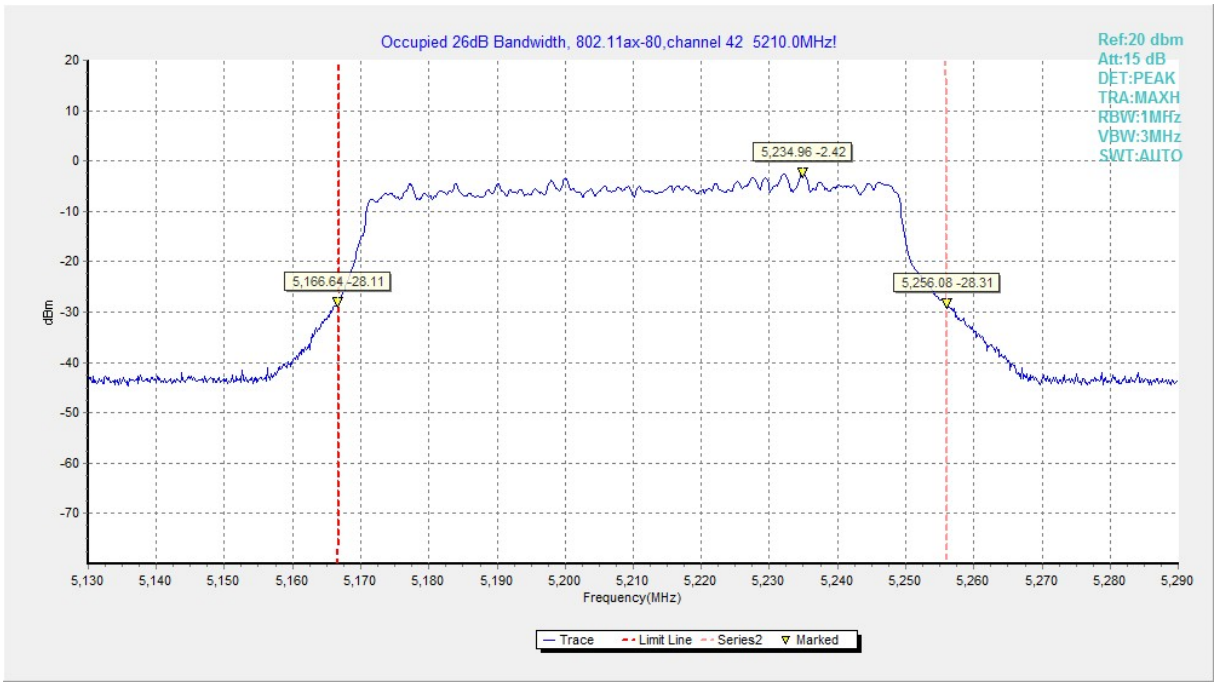


**Fig.29 Occupied 26dB Bandwidth (802. 11ax-HE80, 5210MHz)**

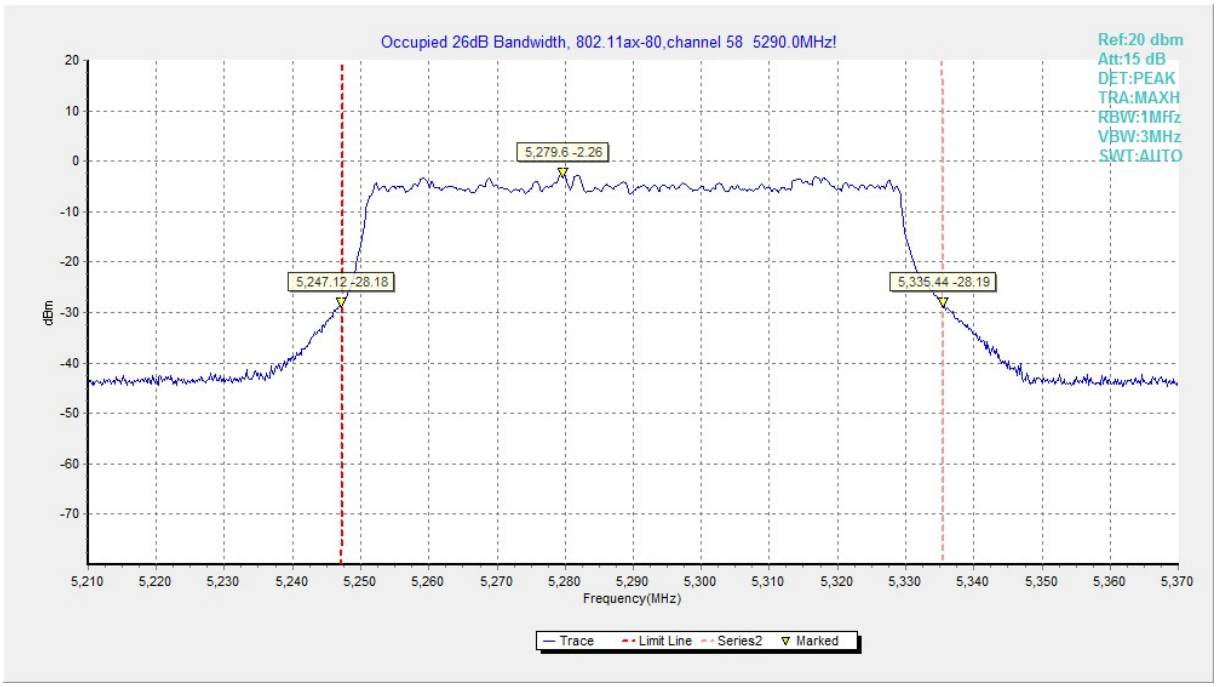


**Fig.30 Occupied 26dB Bandwidth (802. 11ax-HE80, 5290MHz)**

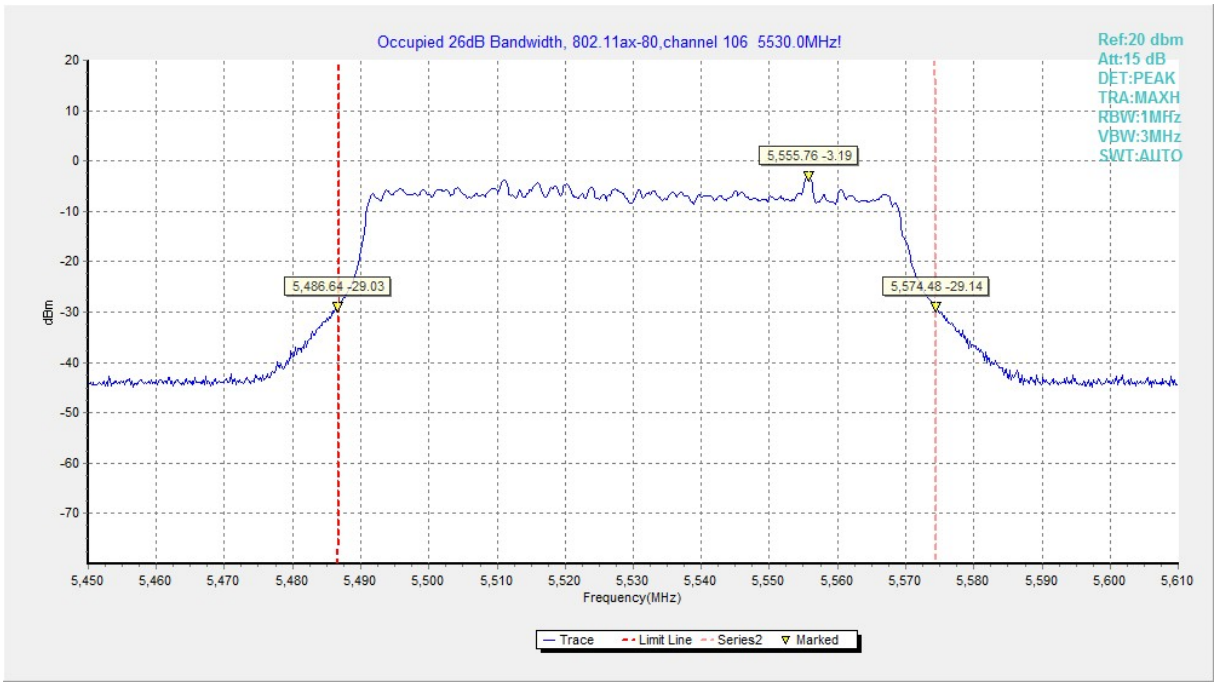


**Fig.31 Occupied 26dB Bandwidth (802. 11ax-HE80, 5530MHz)**

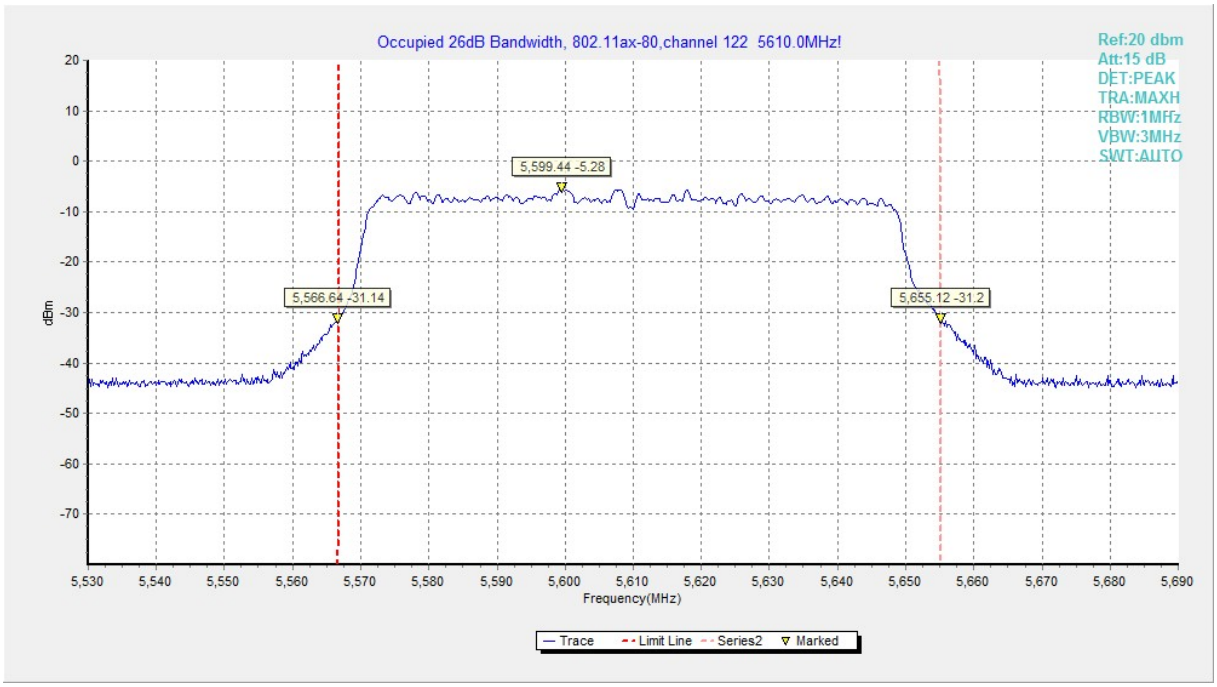


**Fig.32 Occupied 26dB Bandwidth (802. 11ax-HE80, 5610MHz)**

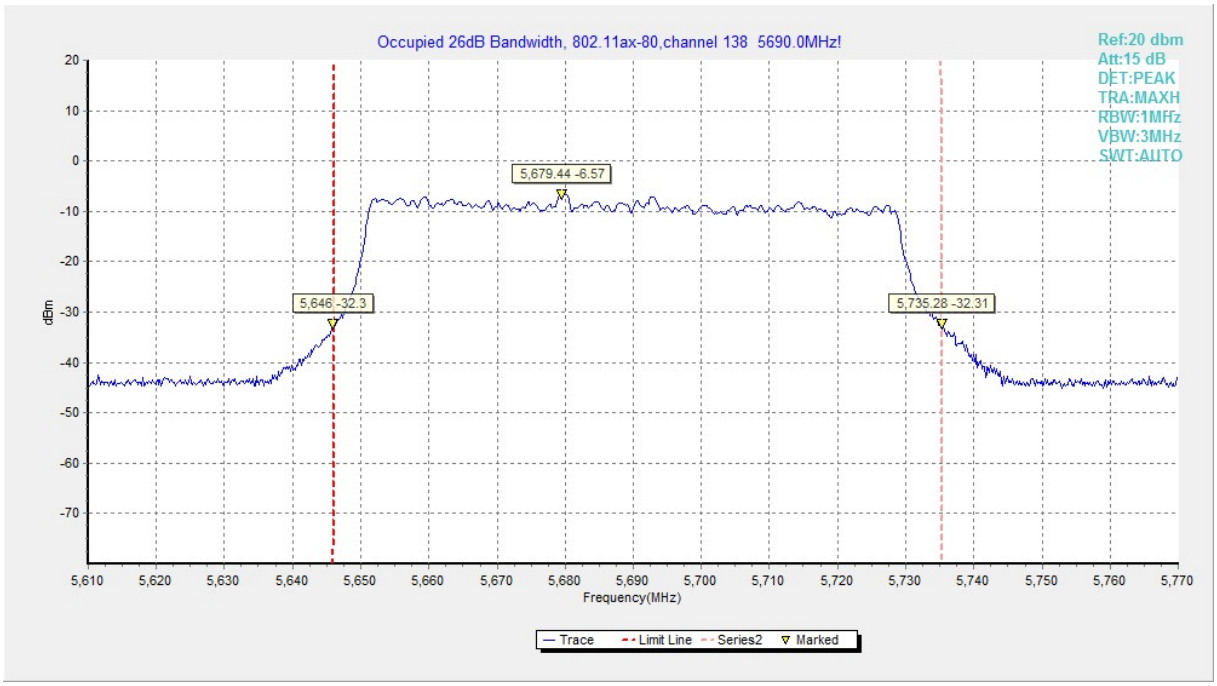


**Fig.33 Occupied 26dB Bandwidth (802. 11ax-HE80, 5690MHz)**

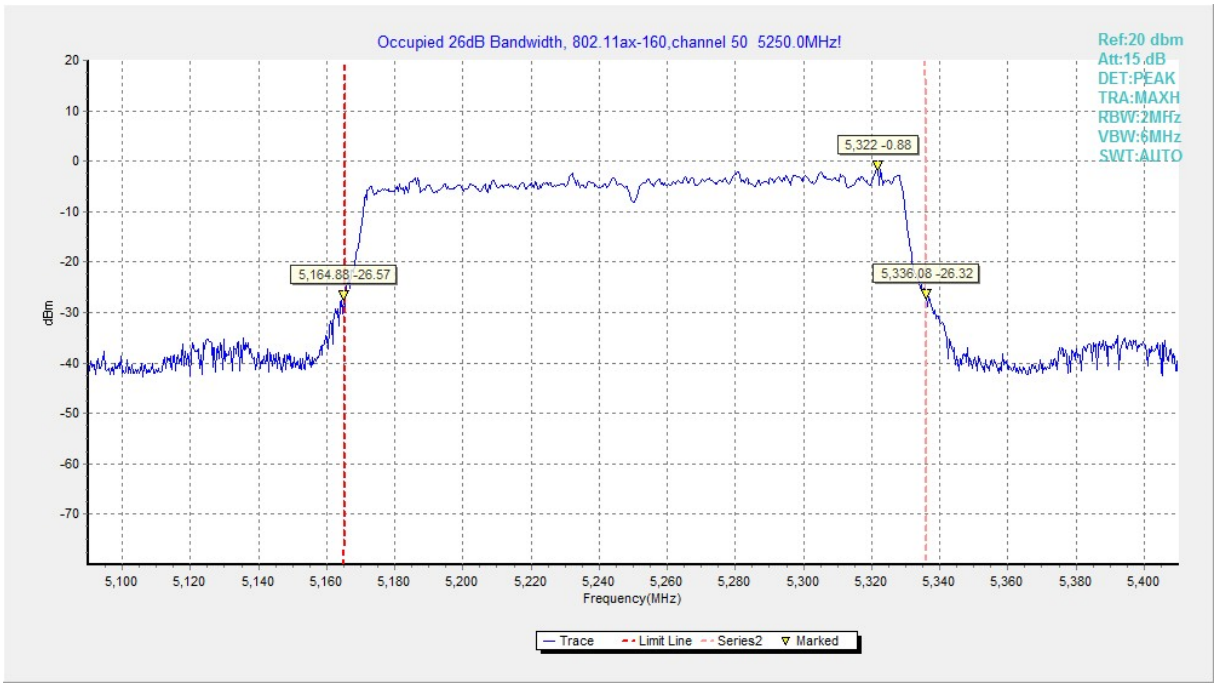


**Fig.34 Occupied 26dB Bandwidth (802. 11ax-HE160, 5250MHz)**

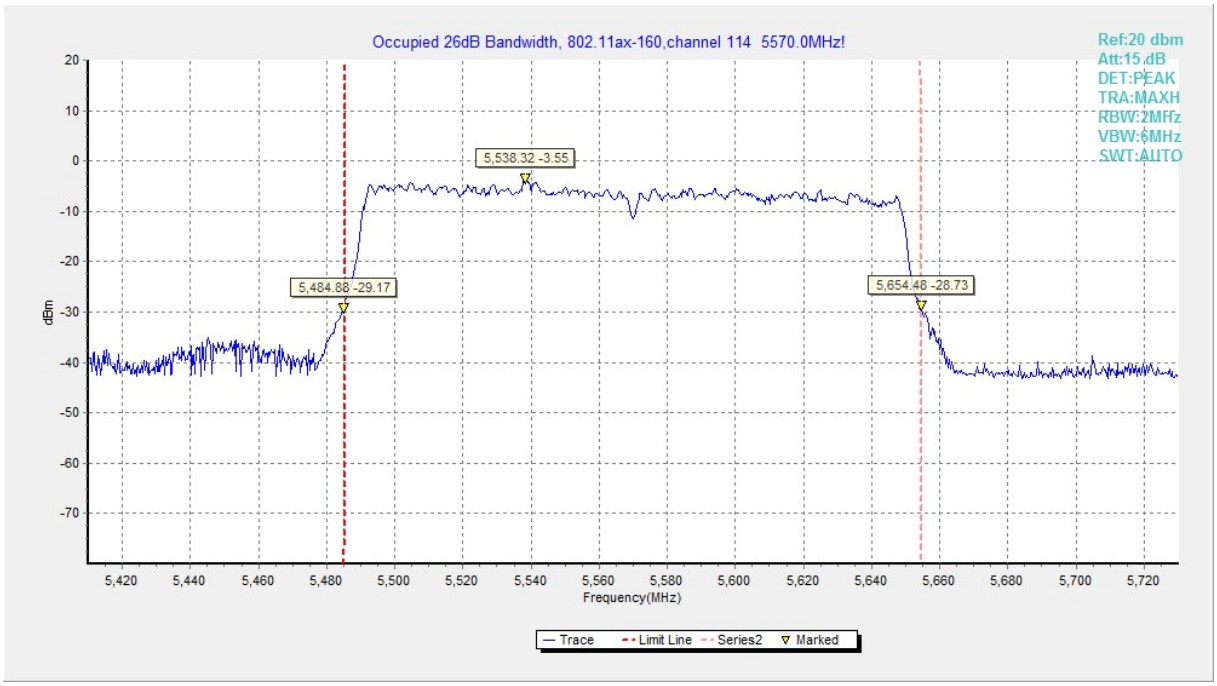


**Fig.35 Occupied 26dB Bandwidth (802. 11ax-HE160, 5570MHz)**

## A.5. Band Edges Compliance

### A5.1 Band Edges - Radiated

**Measurement Limit:**

| Standard | Limit |
|---|---|
| FCC 47 CFR Part 15.407 | -27 dBm/MHz |

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

**Limit in restricted band:**

| Frequency of emission (MHz) | Field strength(uV/m) | Field strength(dBuV/m) | Measurement distance(m) |
|---|---|---|---|
| 30-88 | 100 | 40 | 3 |
| 88-216 | 150 | 43.5 | 3 |
| 216-960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |

The measurement is made according to ANSI C63.10-2013 and KDB 789033

**Measurement Result:**

| Mode | Channel | Test Results | Conclusion |
|---|---|---|---|
| 802.11a MIMO | 5180 MHz | Fig.36 | P |
| | 5320 MHz | Fig.37 | P |
| | 5500 MHz | Fig.38 | P |
| | 5700 MHz | Fig.39 | P |
| 802.11n HT20 MIMO | 5180 MHz | Fig.40 | P |
| | 5320 MHz | Fig.41 | P |
| | 5500 MHz | Fig.42 | P |
| | 5700 MHz | Fig.43 | P |
| 802.11ac HT20 MIMO | 5180 MHz | Fig.44 | P |
| | 5320 MHz | Fig.45 | P |
| | 5500 MHz | Fig.46 | P |
| | 5700 MHz | Fig.47 | P |
| 802.11n HT40 MIMO | 5190 MHz | Fig.48 | P |
| | 5310 MHz | Fig.49 | P |
| | 5510 MHz | Fig.50 | P |
| | 5670 MHz | Fig.51 | P |
| 802.11ac HT40 MIMO | 5190 MHz | Fig.52 | P |
| | 5310 MHz | Fig.53 | P |
| | 5510 MHz | Fig.54 | P |
| | 5670 MHz | Fig.55 | P |
| 802.11ac HT80 MIMO | 5210MHz | Fig.56 | P |
| | 5290MHz | Fig.57 | P |
| | 5530MHz | Fig.58 | P |

| | | | |
|---|---|---|---|
| | 5610MHz | Fig.59 | P |
| 802.11ac HT160 MIMO | 5250MHz | Fig.60 | P |
| | 5250MHz | Fig.61 | P |
| | 5570MHz | Fig.62 | P |
| | 5570MHz | Fig.63 | P |
| 802.11ax HT20 MIMO | 5180 MHz | Fig.64 | P |
| | 5320 MHz | Fig.65 | P |
| | 5500 MHz | Fig.66 | P |
| | 5700 MHz | Fig.67 | P |
| 802.11ax HT40 MIMO | 5190 MHz | Fig.68 | P |
| | 5310 MHz | Fig.69 | P |
| | 5510 MHz | Fig.70 | P |
| | 5670 MHz | Fig.71 | P |
| 802.11ax HT80 MIMO | 5210MHz | Fig.72 | P |
| | 5290MHz | Fig.73 | P |
| | 5530MHz | Fig.74 | P |
| | 5610MHz | Fig.75 | P |
| 802.11ax HT160 MIMO | 5250MHz | Fig.76 | P |
| | 5250MHz | Fig.77 | P |
| | 5570MHz | Fig.78 | P |
| | 5570MHz | Fig.79 | P |

**Measurement Results for UT18a MIMO:**

| Mode | Channel | Test Results | Conclusion |
|---|---|---|---|
| 802.11ax HT20 | 5500 MHz | Fig.80 | P |
| | 5700 MHz | Fig.81 | P |

**Conclusion: PASS**

**Test graphs as below:**

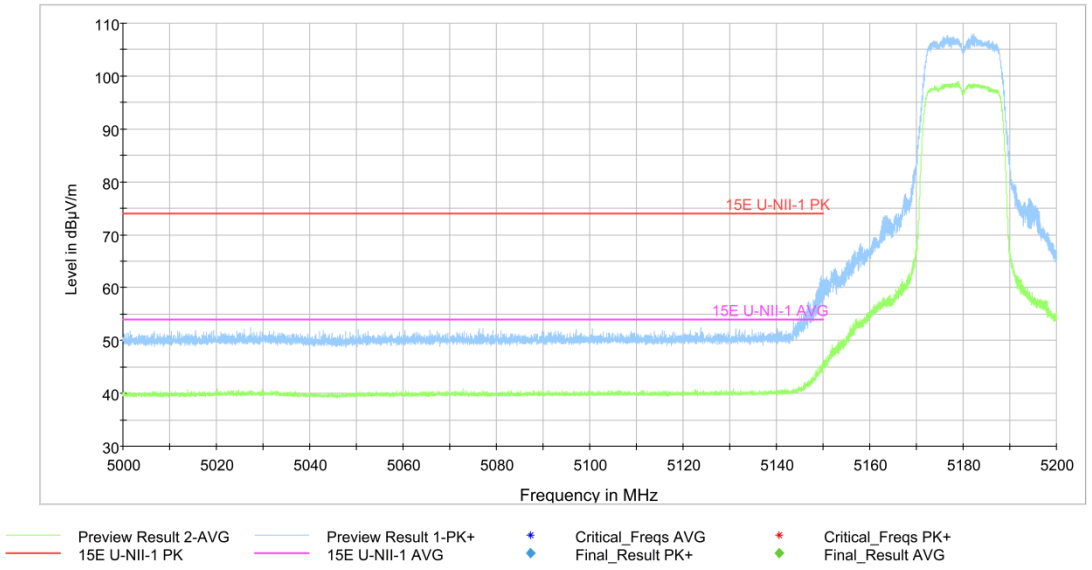


**Fig.36 Band Edges (802.11a Ch36, 5180MHz)**

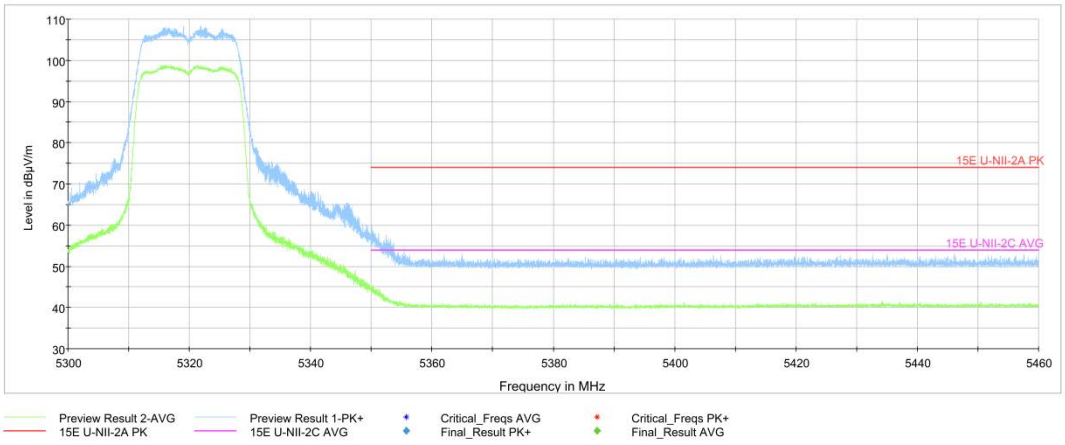


**Fig.37 Band Edges (802.11a Ch64, 5320MHz)**

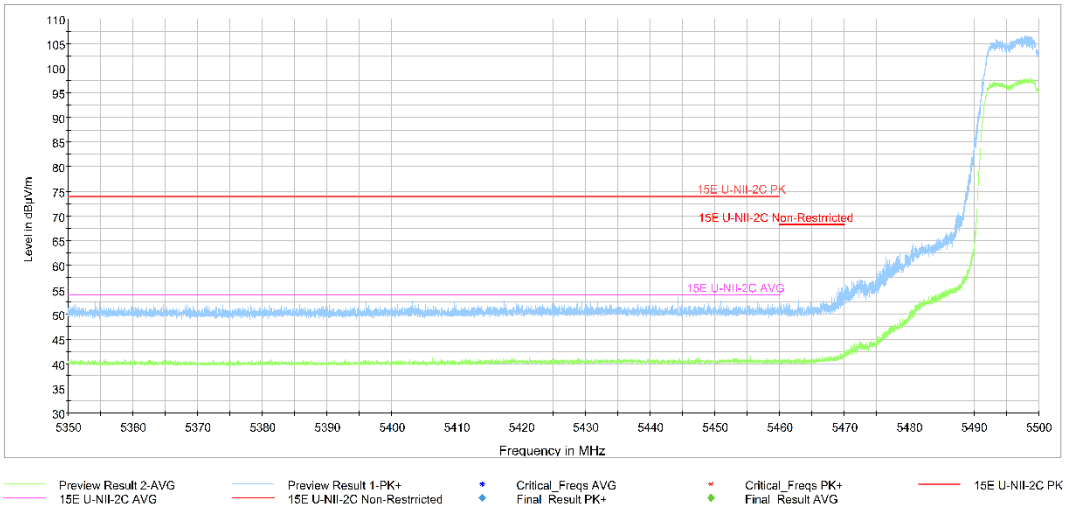


**Fig.38 Band Edges (802.11a Ch100, 5500MHz)**

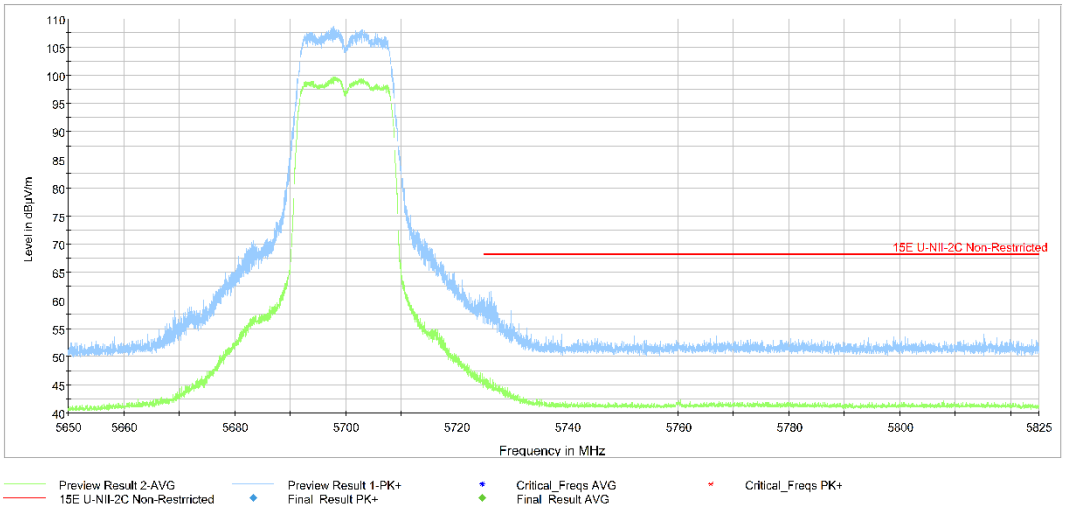


**Fig.39 Band Edges (802.11a Ch140, 5700MHz)**

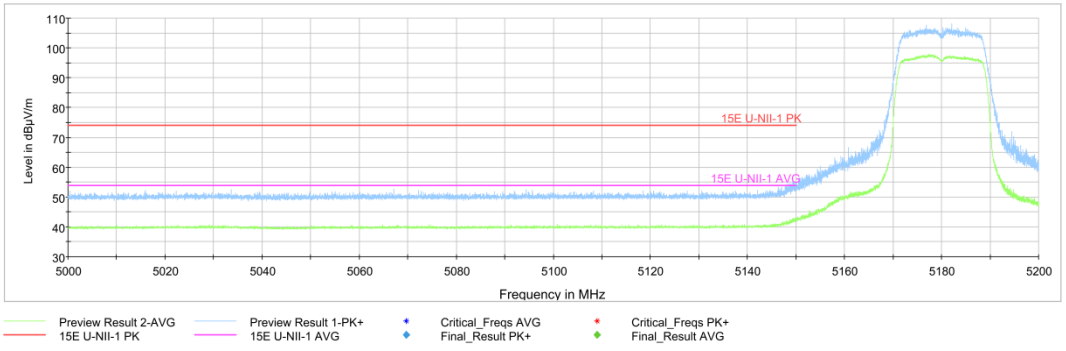


**Fig.40 Band Edges (802.11n-HT20 Ch36, 5180MHz)**

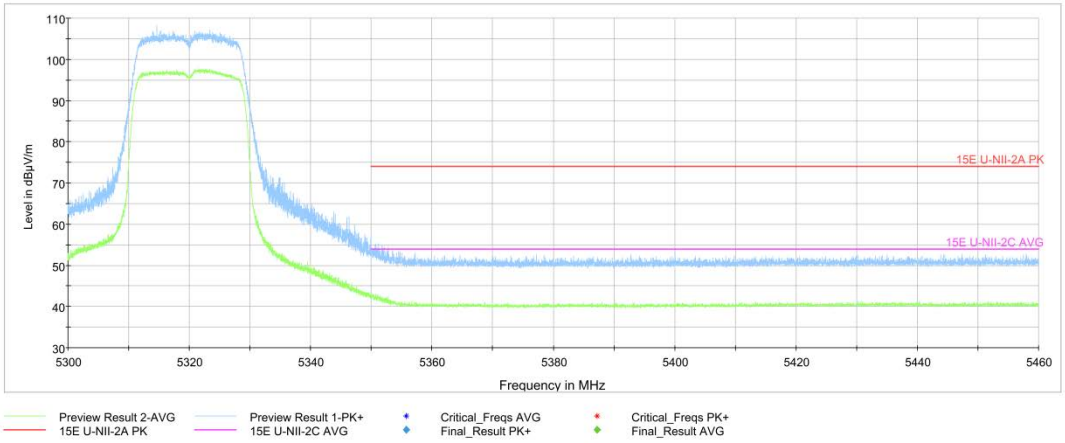


**Fig.41 Band Edges (802.11n-HT20 Ch64, 5320MHz)**

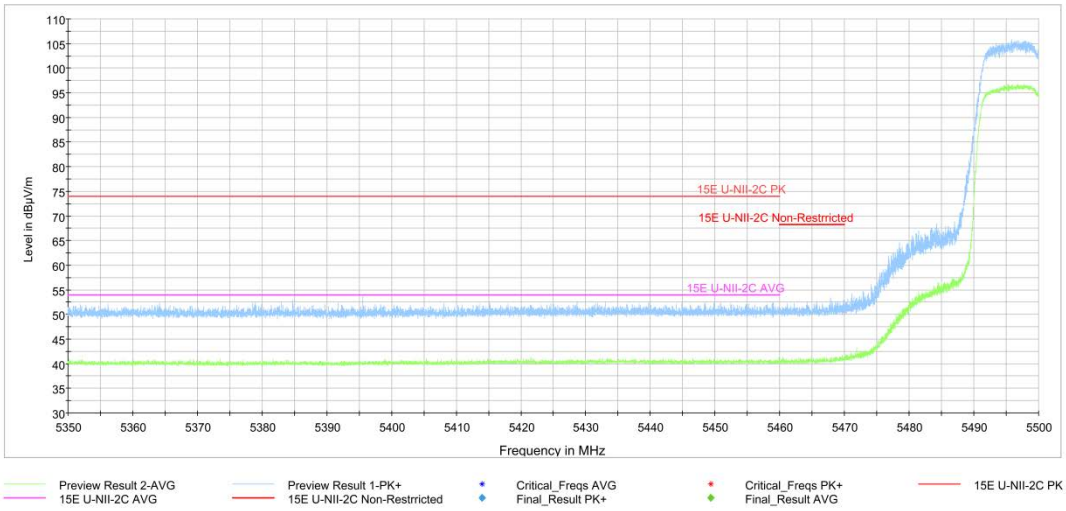


**Fig.42 Band Edges (802.11n-HT20 Ch100, 5500MHz)**

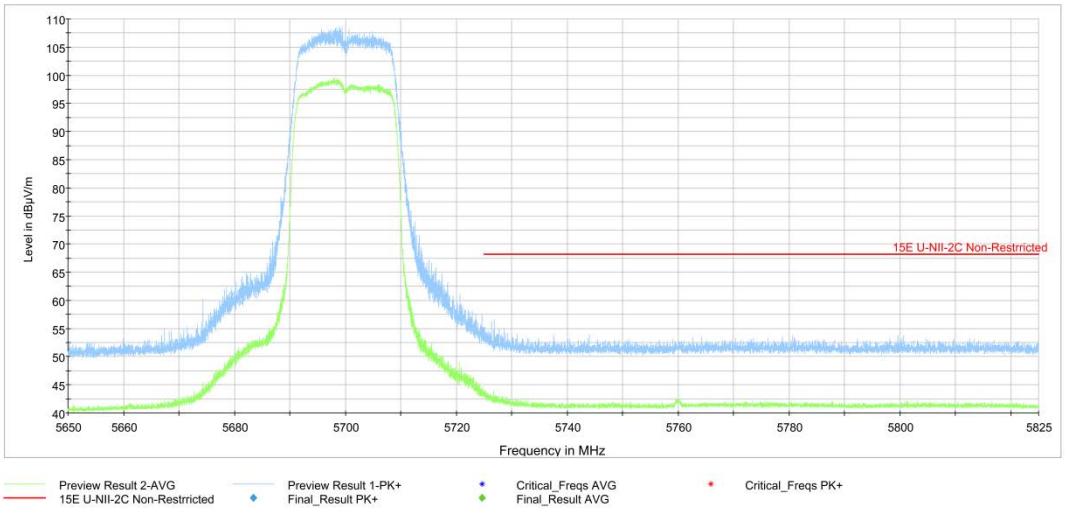


**Fig.43 Band Edges (802.11n-HT20 Ch140, 5700MHz)**

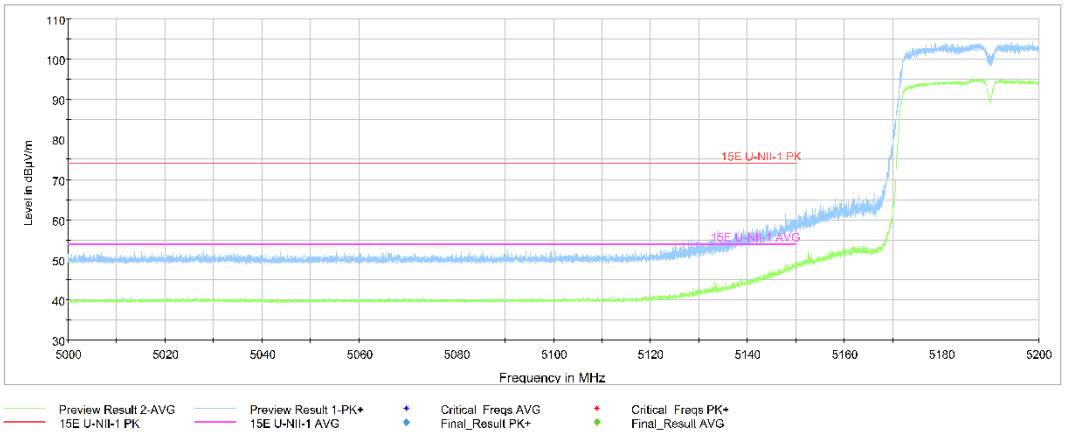


**Fig.44 Band Edges (802.11n-HT40 Ch38, 5190MHz)**

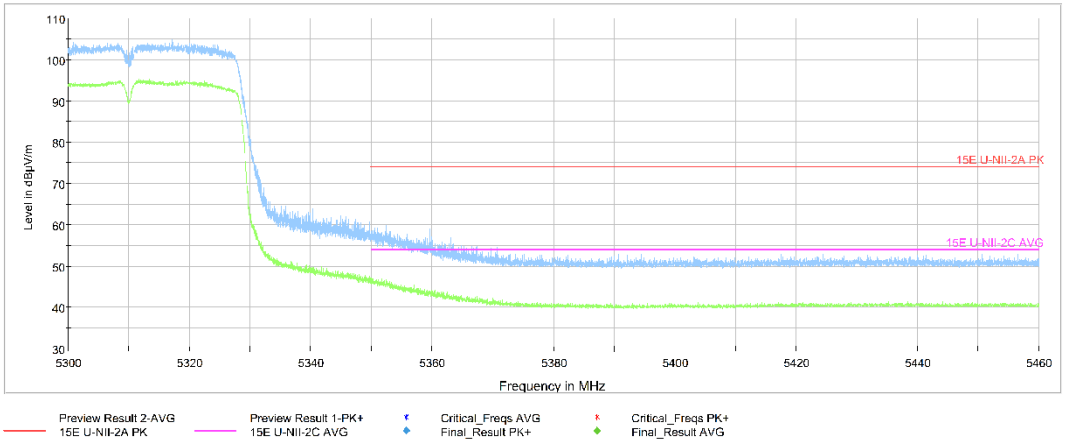

**Fig.45 Band Edges (802.11n-HT40 Ch62, 5310MHz)**

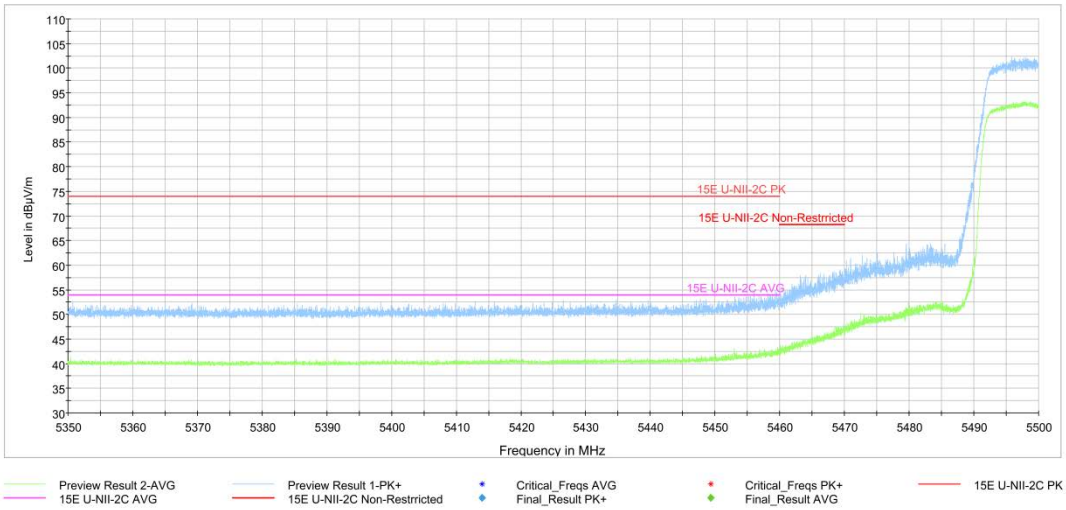


**Fig.46 Band Edges (802.11n-HT40 Ch102, 5510MHz)**

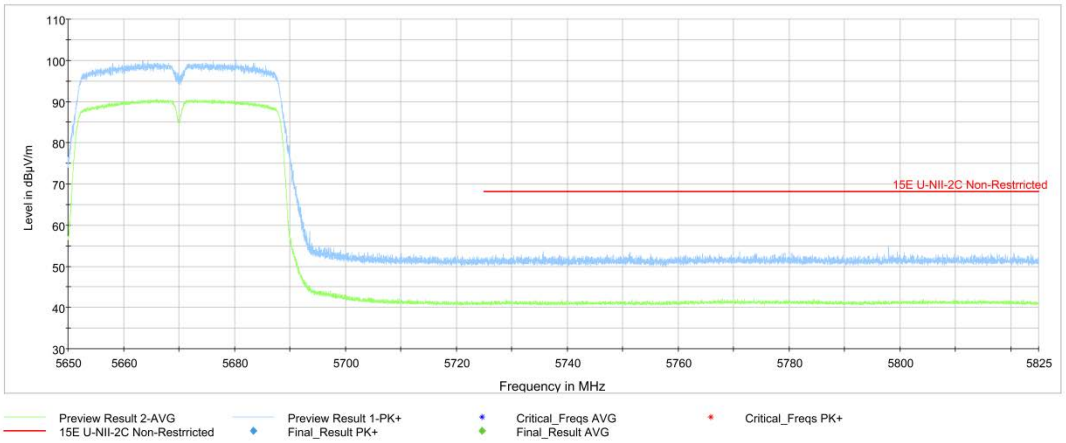


**Fig.47 Band Edges (802.11n-HT40 Ch134, 5670MHz)**

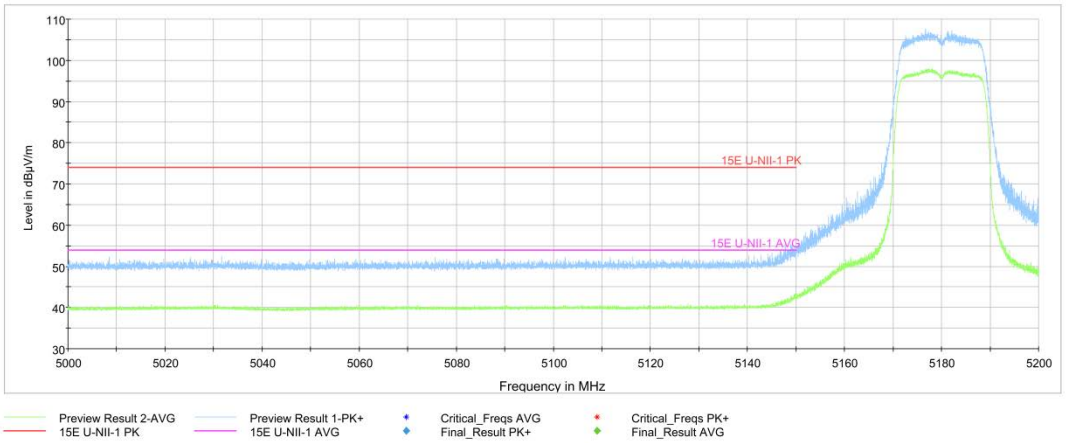


**Fig.48 Band Edges (802.11ac-HT20 Ch36, 5180MHz)**

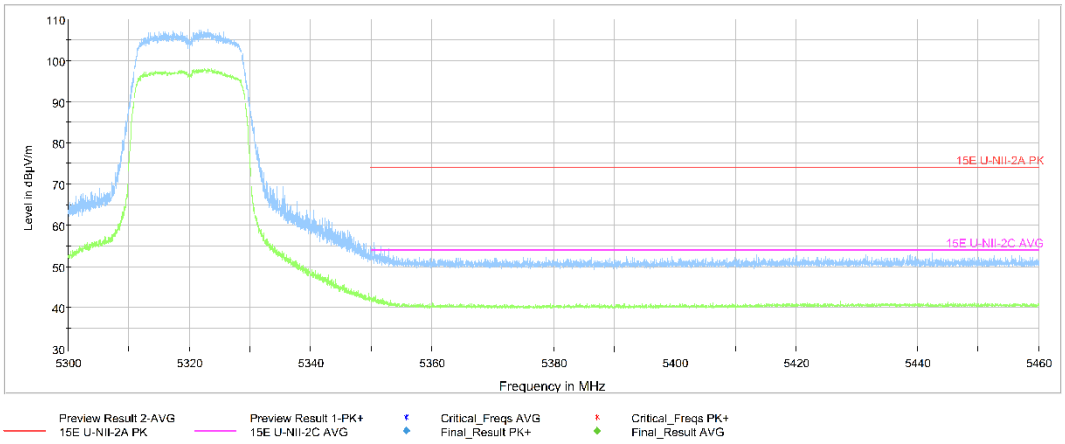


**Fig.49 Band Edges (802.11ac-HT20 Ch64, 5320MHz)**

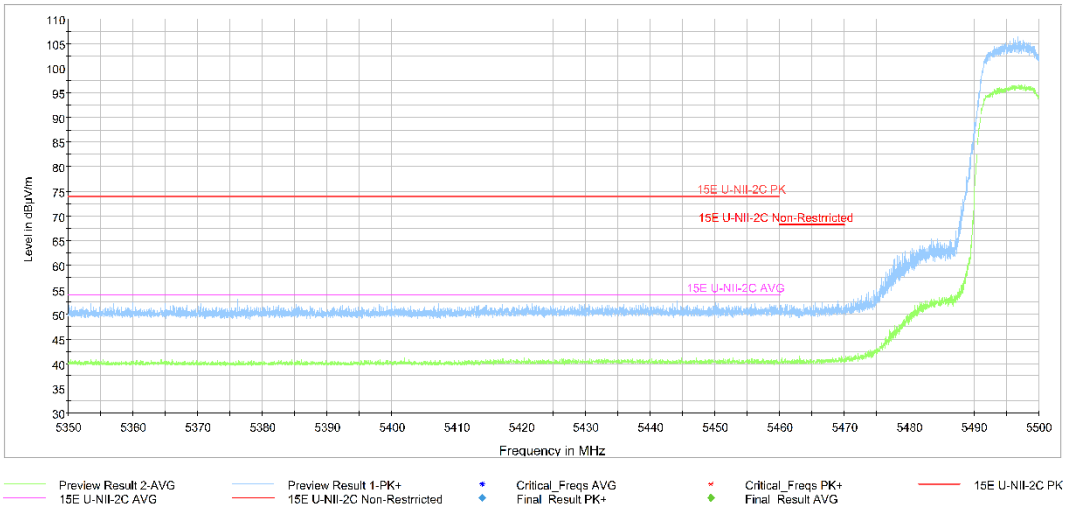


**Fig.50 Band Edges (802.11ac-HT20 Ch100, 5500MHz)**

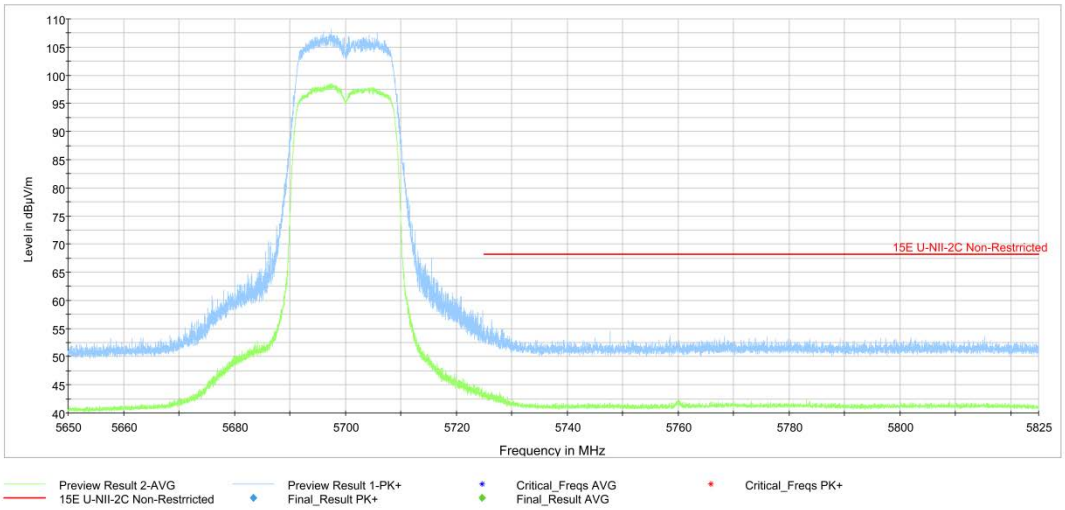


**Fig.51 Band Edges (802.11ac-HT20 Ch140, 5700MHz)**

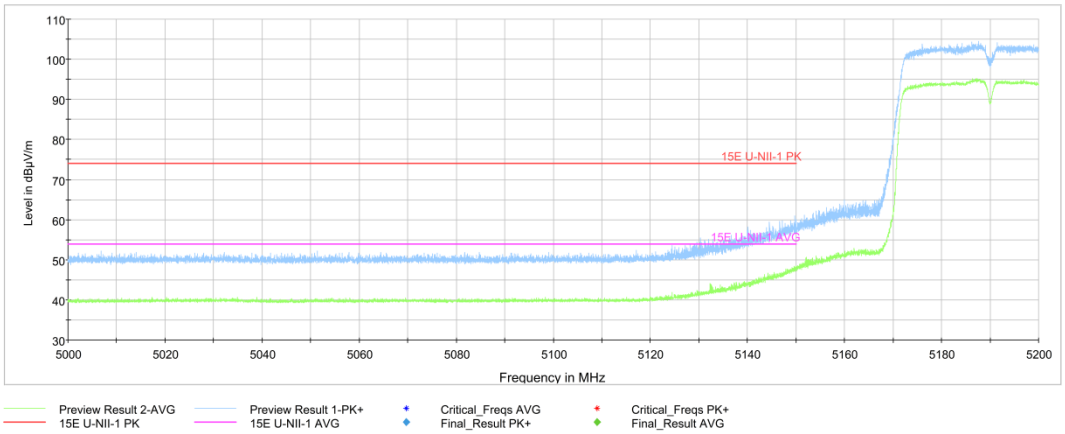


**Fig.52 Band Edges (802.11ac-HT40 Ch38, 5190MHz)**

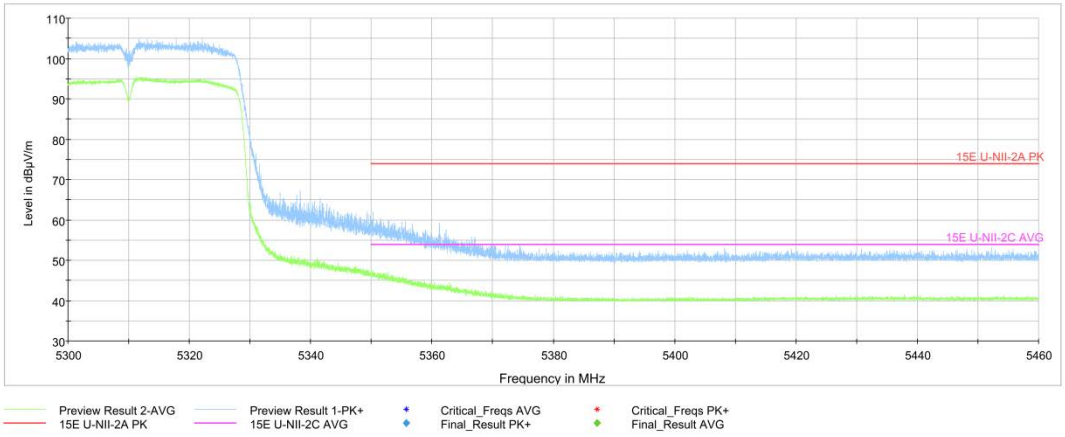


**Fig.53 Band Edges (802.11ac-HT40 Ch62, 5310MHz)**

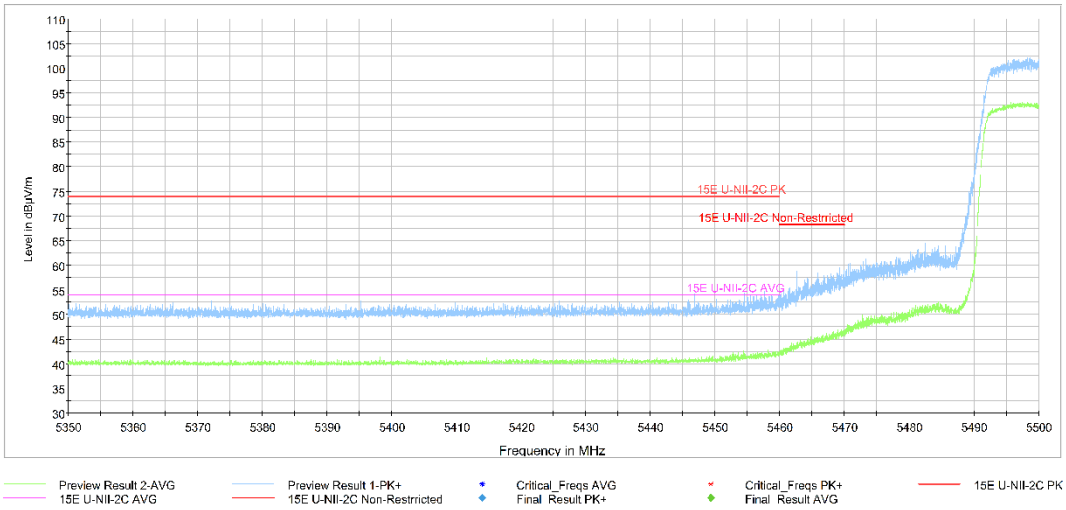


**Fig.54 Band Edges (802.11ac-HT40 Ch102, 5510MHz)**

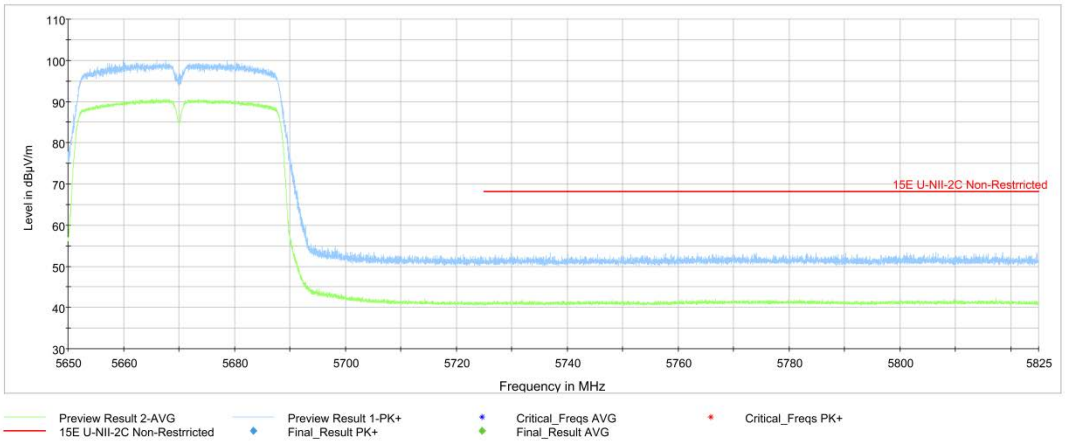


**Fig.55 Band Edges (802.11ac-HT40 Ch134, 5670MHz)**

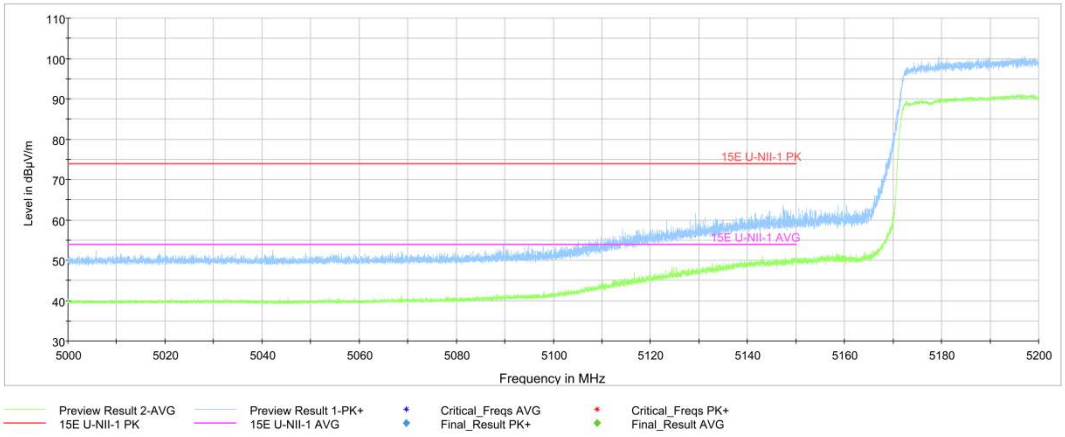


**Fig.56 Band Edges (802.11ac-HT80 Ch42 , 5210MHz)**

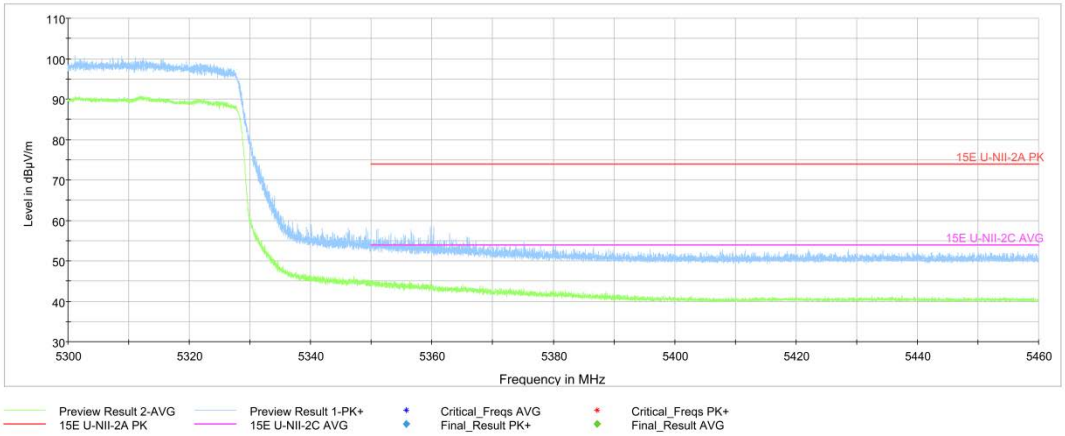


**Fig.57 Band Edges (802.11ac-HT80 Ch58, 5290MHz)**

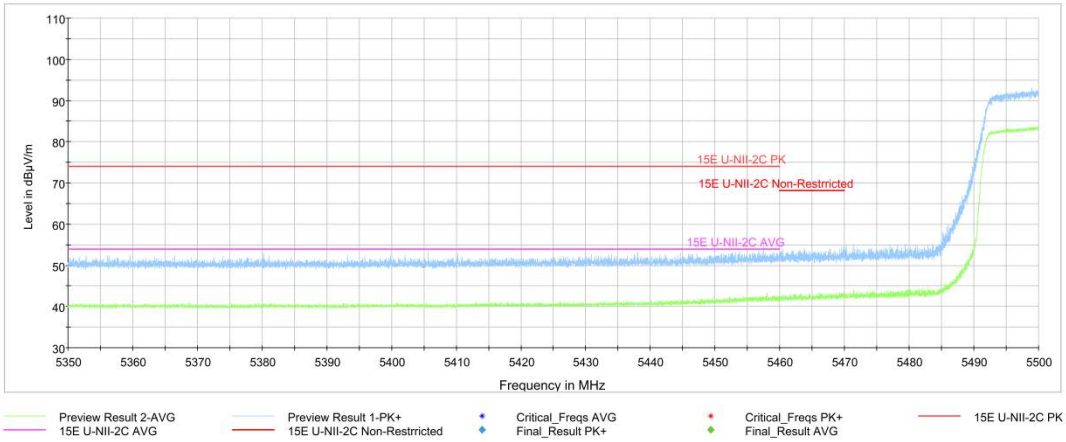


**Fig.58 Band Edges (802.11ac-HT80 Ch106, 5530MHz)**

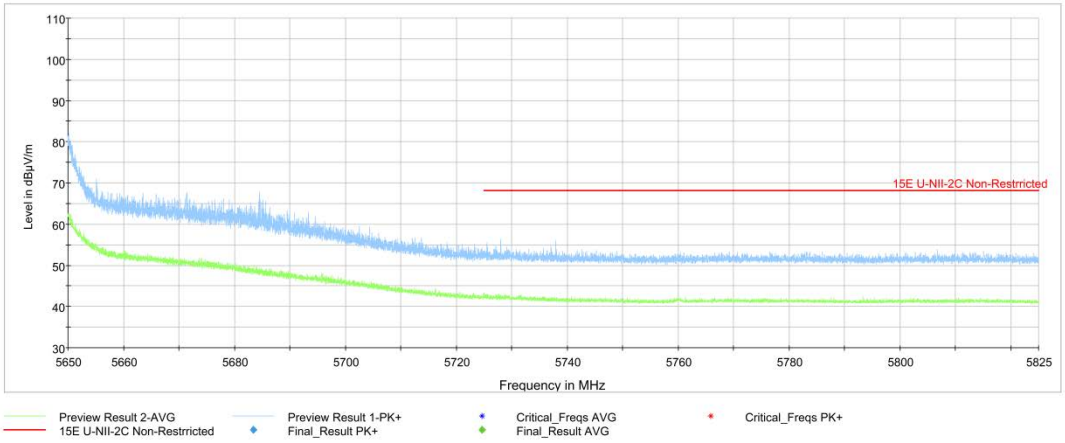


**Fig.59 Band Edges (802.11ac-HT80 Ch122, 5610MHz)**

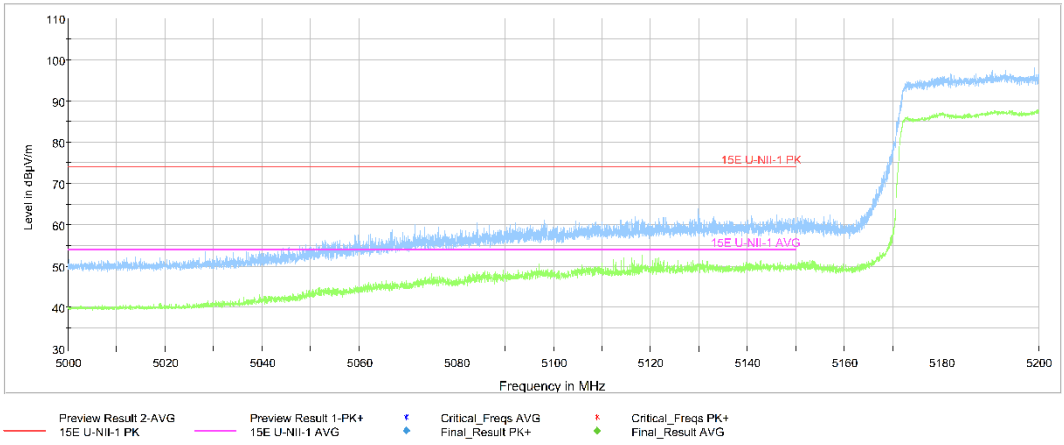


**Fig.60 Band Edges (802.11ac-HT160 Ch50, 5610MHz)**

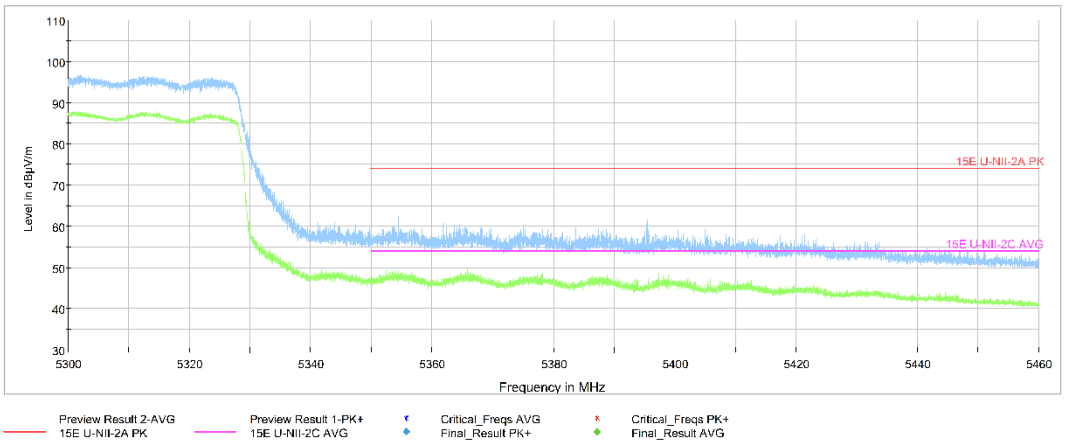


**Fig.61 Band Edges (802.11ac-HT160 Ch50, 5610MHz)**

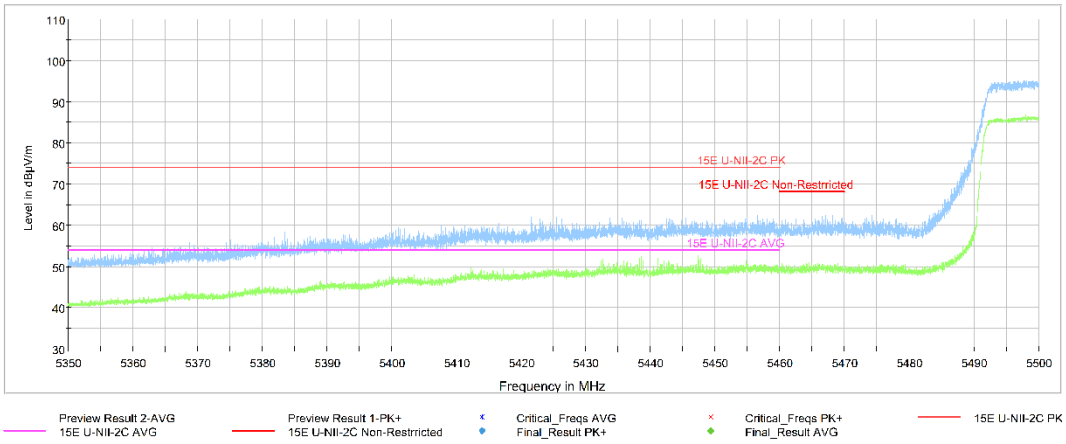


**Fig.62 Band Edges (802.11ac-HT160 Ch114, 5610MHz)**

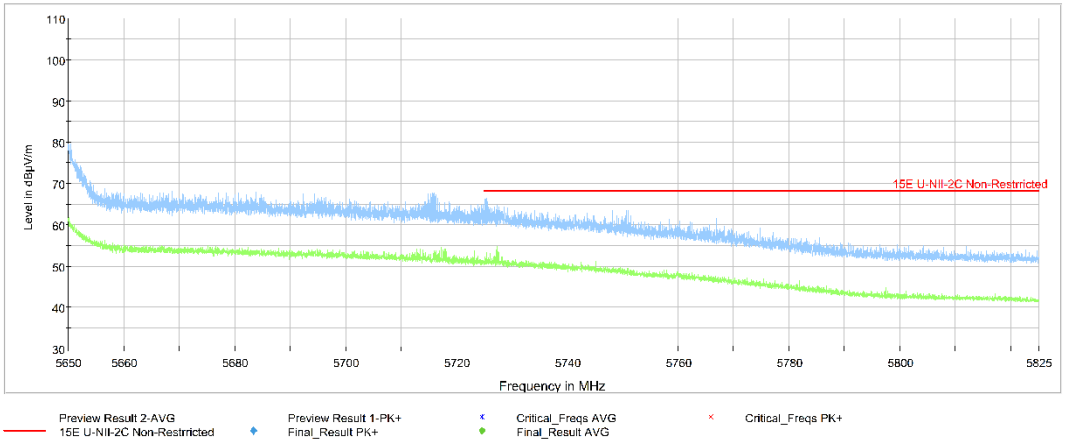


**Fig.63 Band Edges (802.11ac-HT160 Ch114, 5610MHz)**

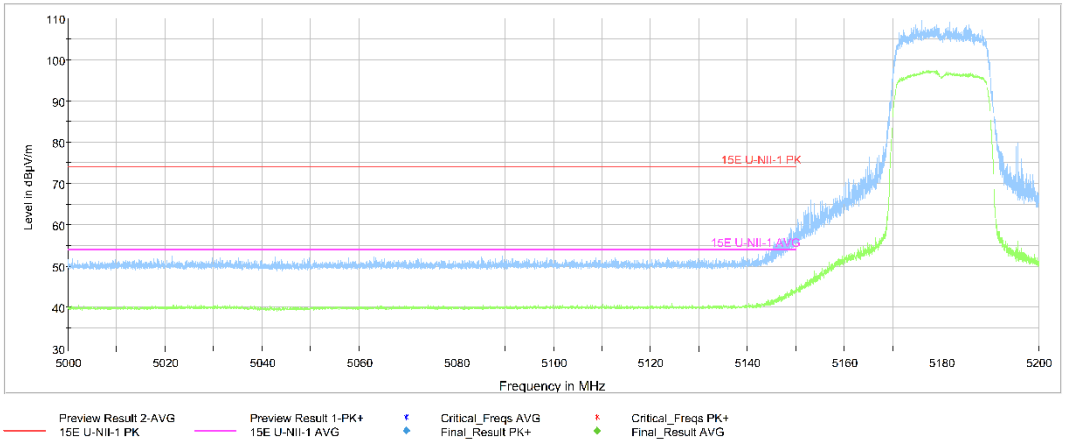


**Fig.64 Band Edges (802.11ax-HT20 Ch36, 5180MHz)**

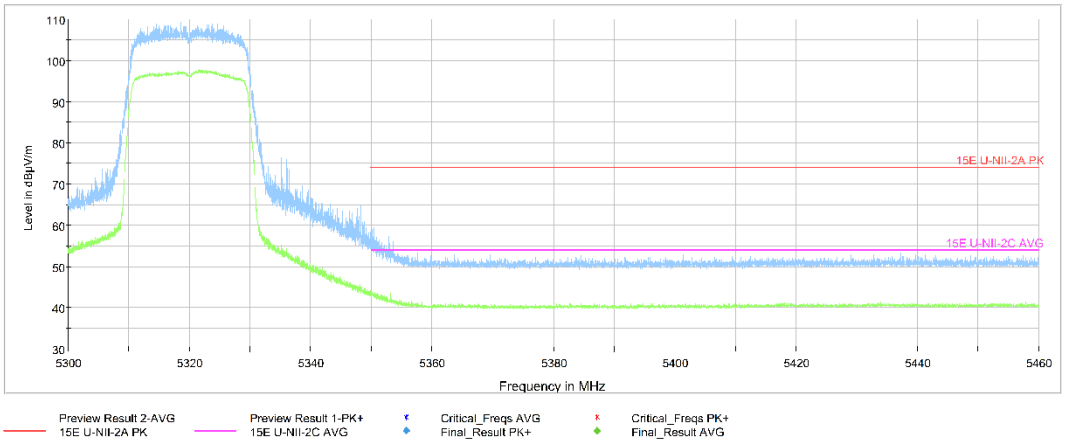


**Fig.65 Band Edges (802.11ax-HT20 Ch64, 5320MHz)**

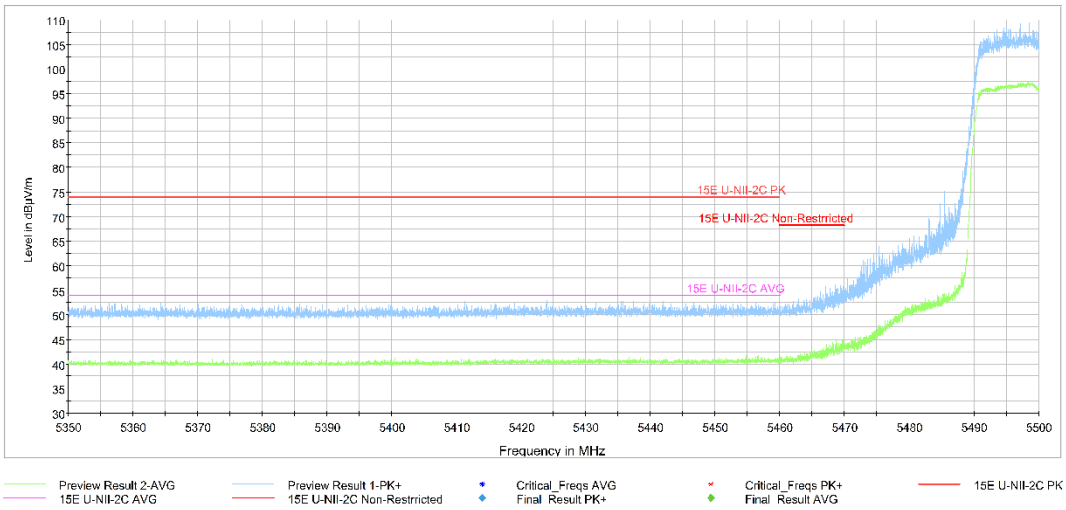


**Fig.66 Band Edges (802.11ax-HT20 Ch100, 5500MHz)**

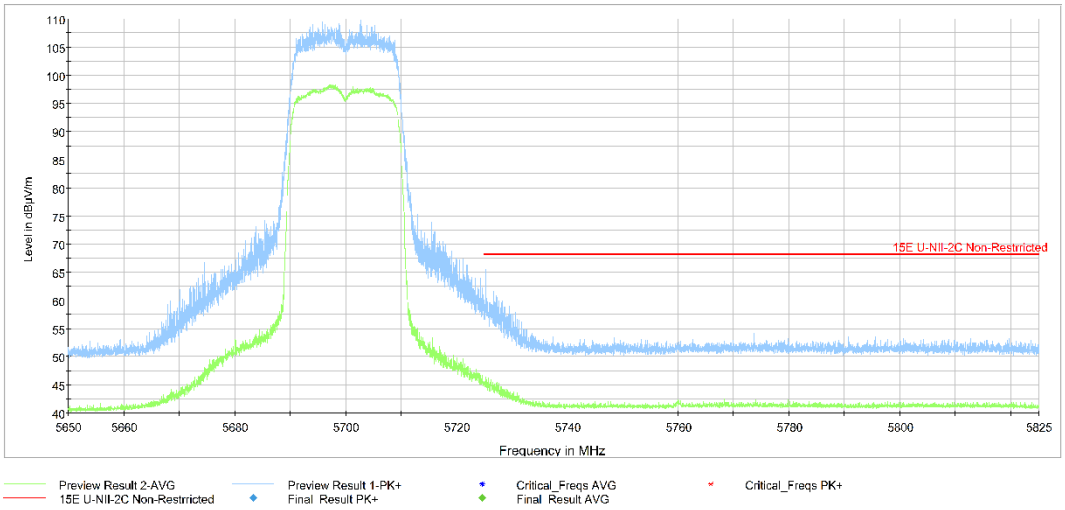


**Fig.67 Band Edges (802.11ax-HT20 Ch140, 5700MHz)**

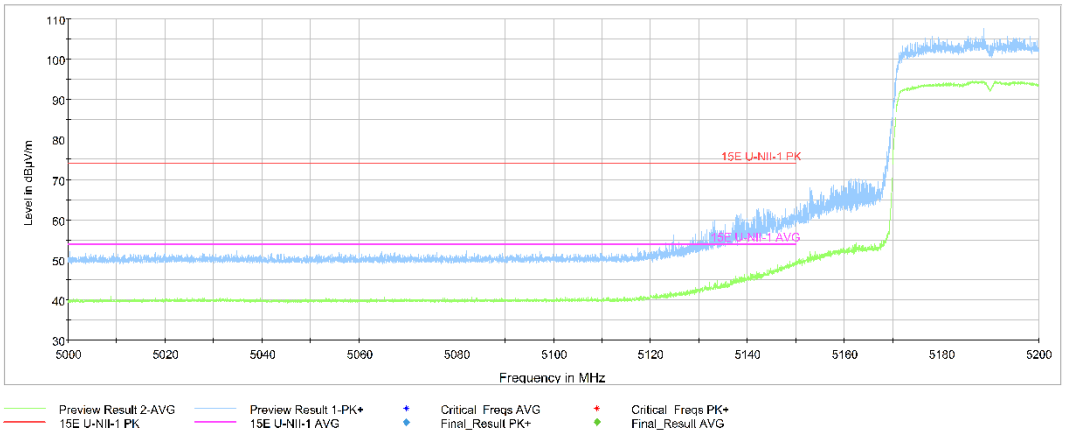


**Fig.68 Band Edges (802.11ax-HT40 Ch38, 5190MHz)**

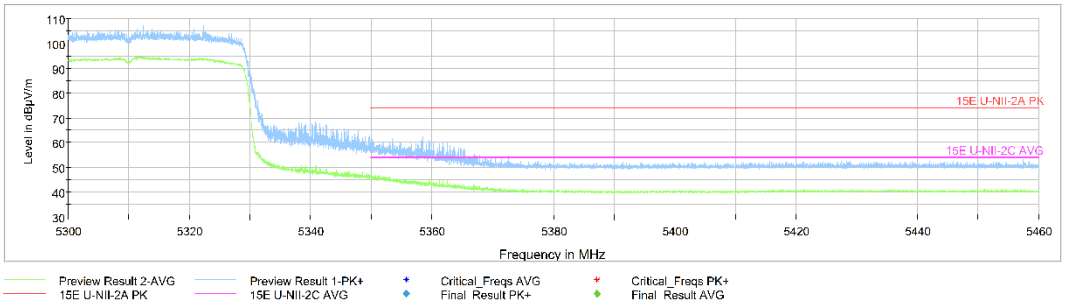


**Fig.69 Band Edges (802.11ax-HT40 Ch62, 5310MHz)**

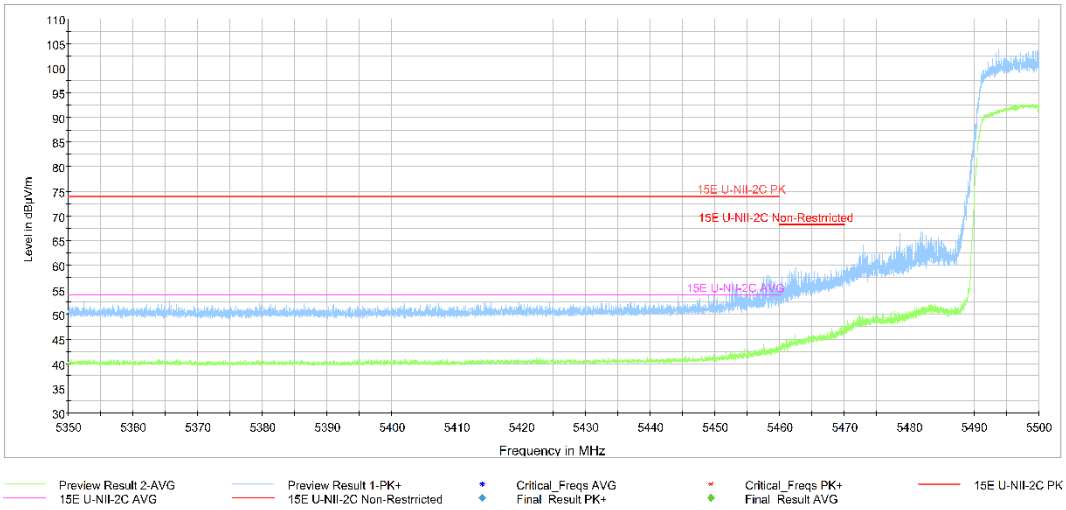


**Fig.70 Band Edges (802.11ac-HT40 Ch102, 5510MHz)**

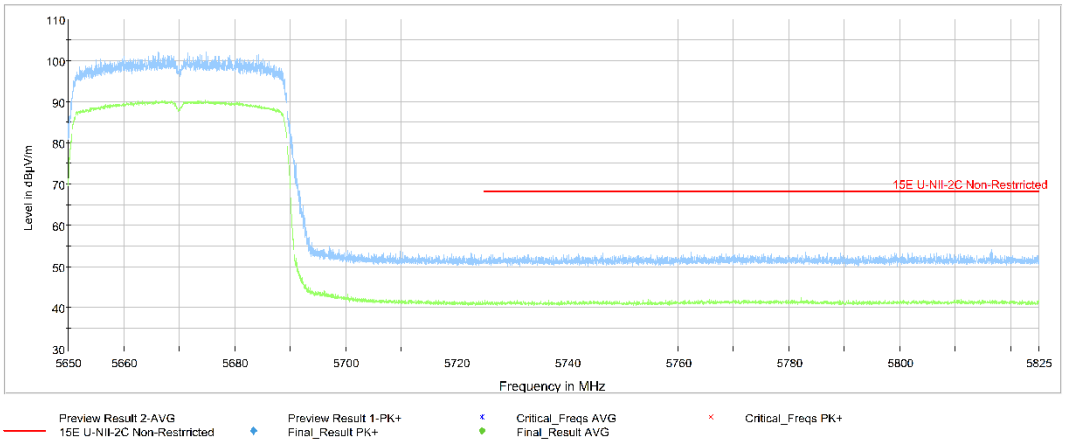


**Fig.71 Band Edges (802.11ax-HT40 Ch134, 5670MHz)**

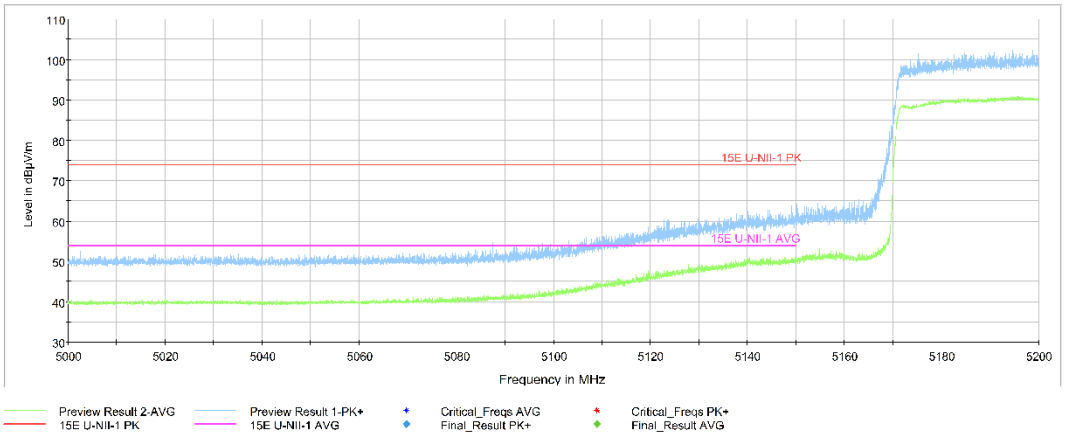


**Fig.72 Band Edges (802.11ax-HT80 Ch42 , 5210MHz)**

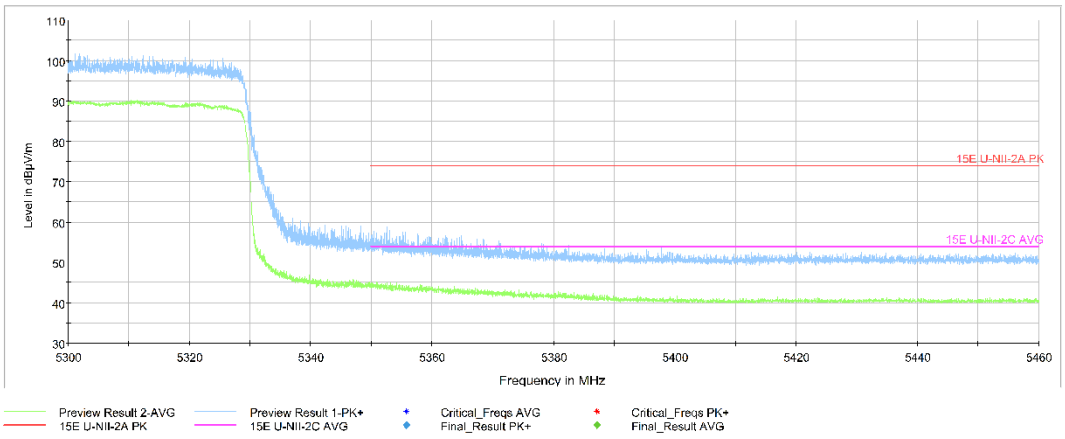


**Fig.73 Band Edges (802.11ax-HT80 Ch58, 5290MHz)**

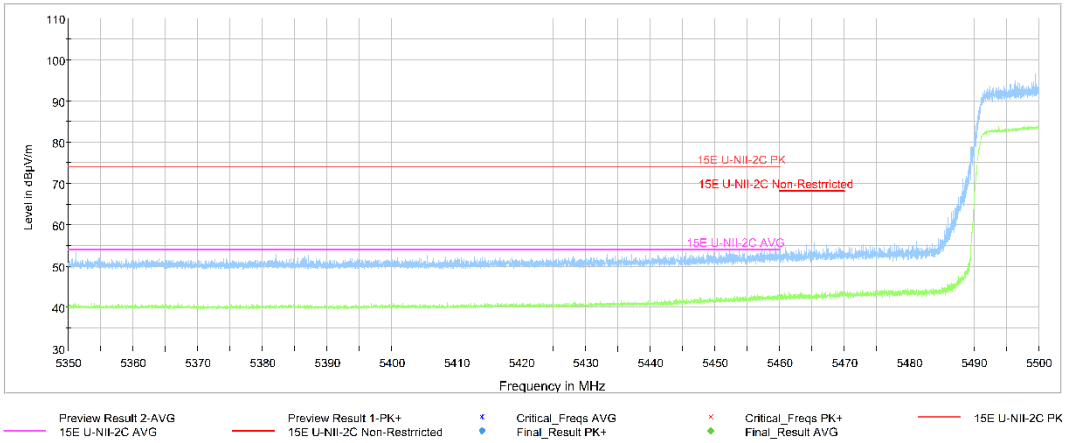


**Fig.74 Band Edges (802.11ax-HT80 Ch106, 5530MHz)**

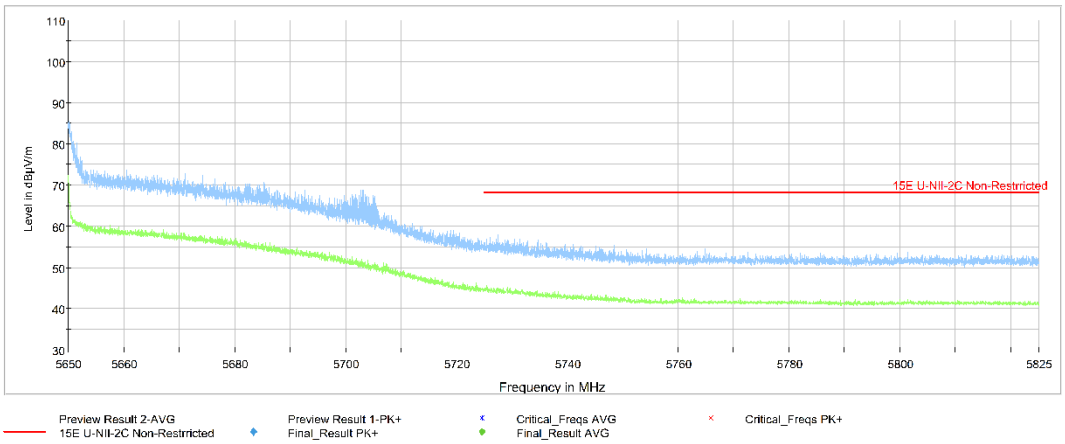


**Fig.75 Band Edges (802.11ax-HT80 Ch122, 5610MHz)**

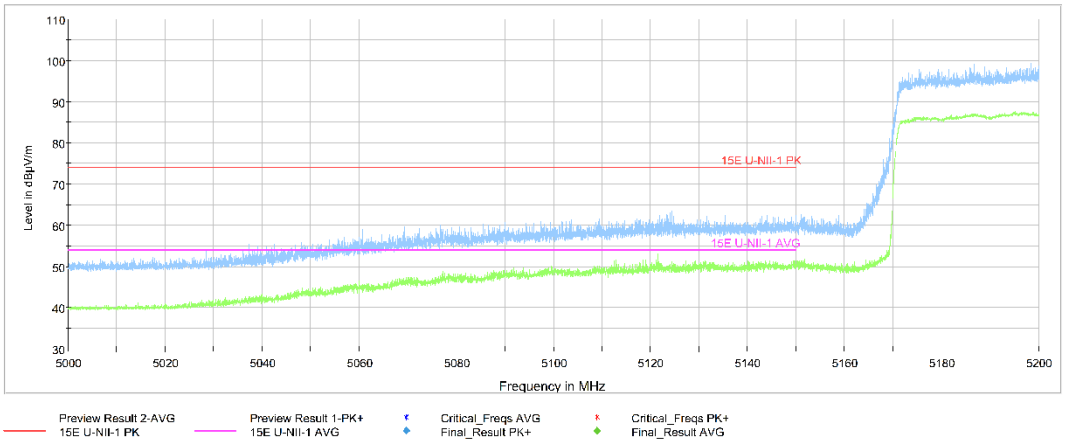


**Fig.76 Band Edges (802.11ax-HT160 Ch50, 5610MHz)**

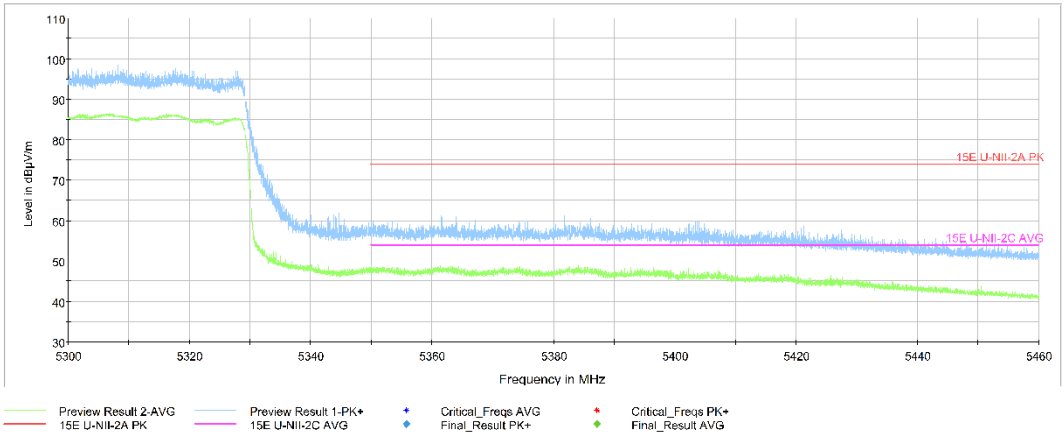


**Fig.77 Band Edges (802.11ax-HT160 Ch50, 5610MHz)**

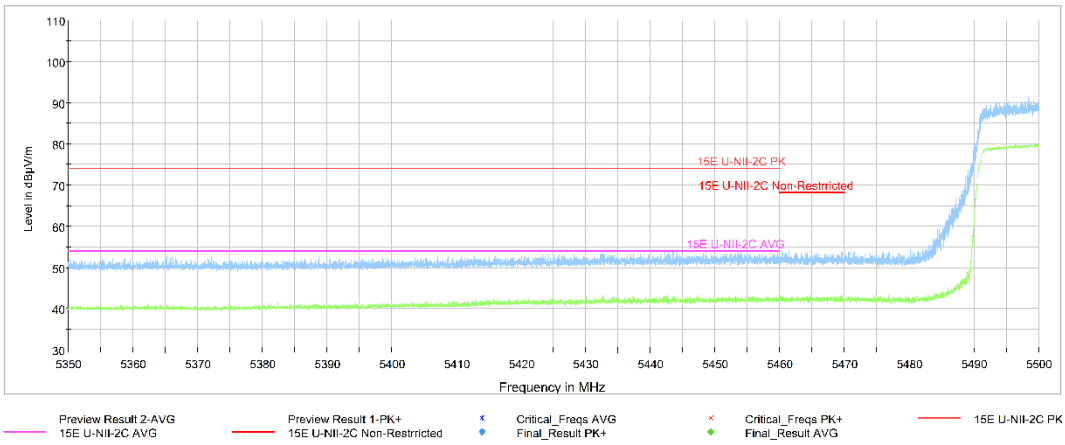


**Fig.78 Band Edges (802.11ax-HT160 Ch114, 5610MHz)**

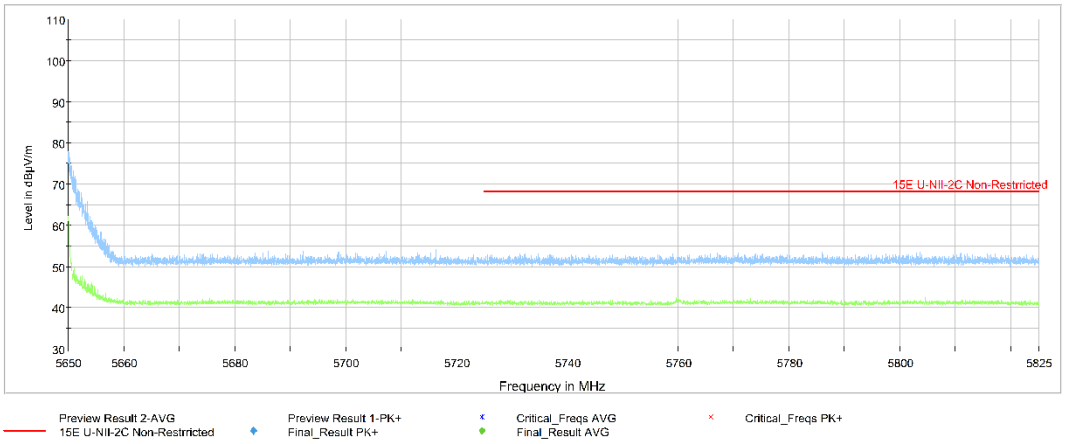


**Fig.79 Band Edges (802.11ax-HT160 Ch114, 5610MHz)**

**Measurement Results for UT18a MIMO:**

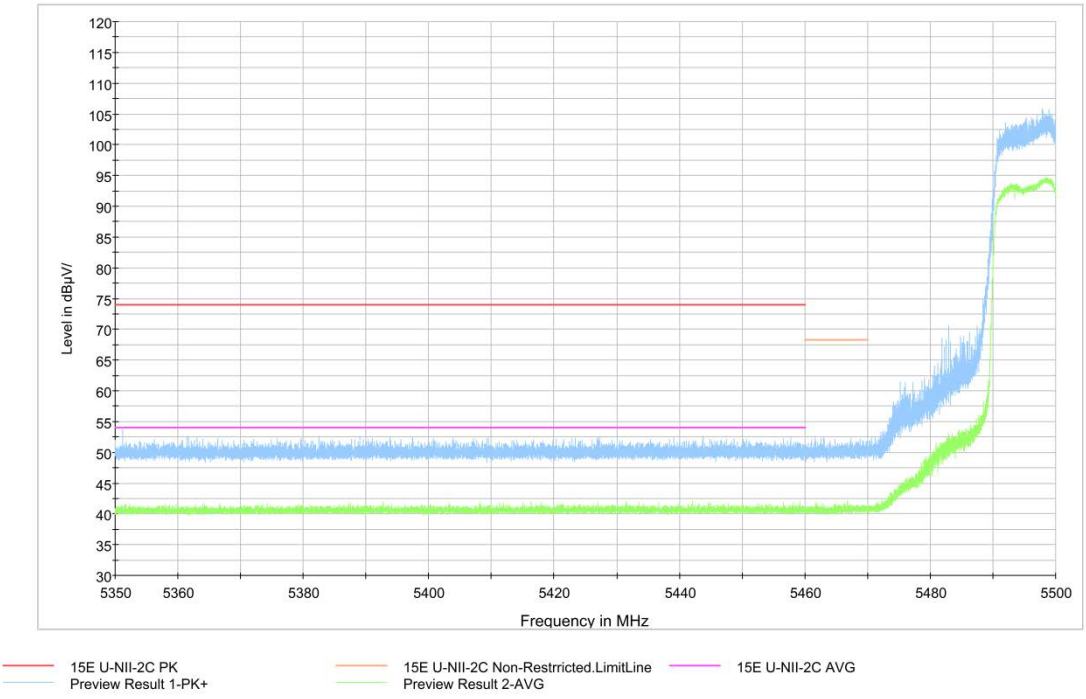


**Fig.80 Band Edges (802.11ax-HT20 Ch100, 5500MHz)**

**Measurement Results for UT18a MIMO:**

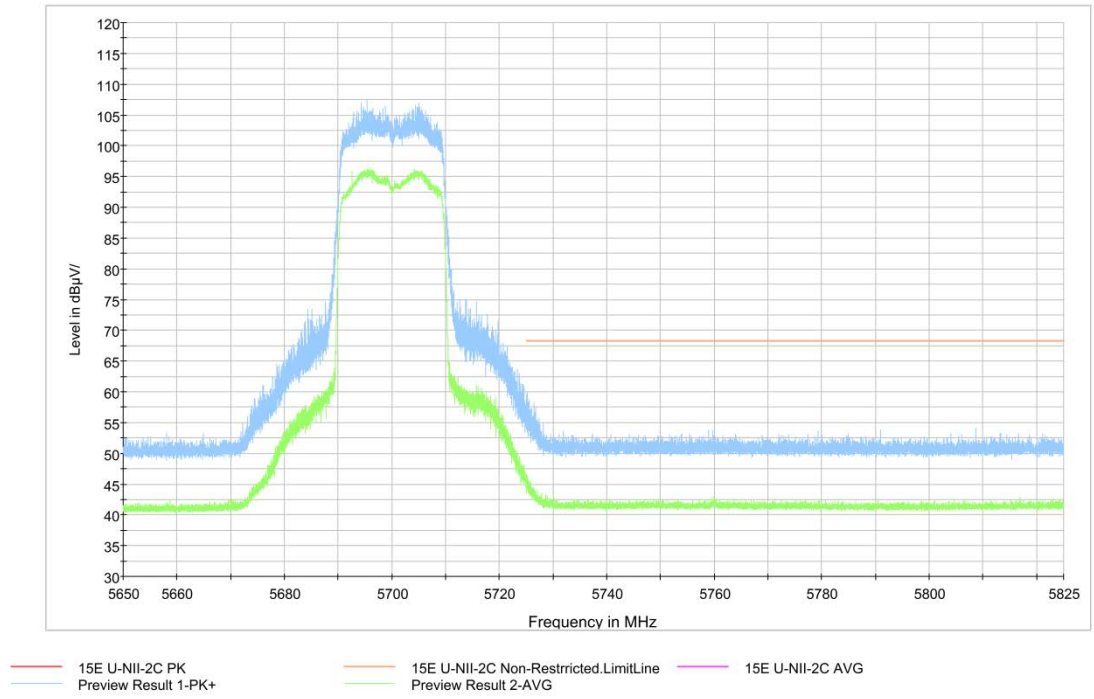


**Fig.81 Band Edges (802.11ax-HT20 Ch140, 5700MHz)**

## A.6. Transmitter Spurious Emission

**Measurement Limit:**

| Standard | Limit |
|---|---|
| FCC 47 CFR Part 15.407 | -27 dBm/MHz |

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

**Limit in restricted band:**

| Frequency of emission (MHz) | Field strength(uV/m) | Field strength(dBuV/m) | Measurement distance(m) |
|---|---|---|---|
| 30-88 | 100 | 40 | 3 |
| 88-216 | 150 | 43.5 | 3 |
| 216-960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |

The measurement is made according to ANSI C63.10-2013 and KDB 789033

**Measurement Results:**

**802.11a mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11a MIMO | 36(5180MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 40(5200MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 48(5240MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 52(5260MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 56(5280MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 64(5320MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 100(5500MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 116(5580MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 140(5700MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |

**802.11n-HT20 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11n -HT20 MIMO | 36(5180MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 40(5200MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 48(5240MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 52(5260MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 56(5280MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 64(5320MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 100(5500MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 116(5580MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 140(5700MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |

**802.11n-HT40 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11n HT40 MIMO | 38(5190MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 46(5230MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 54(5270MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 62(5310MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 102(5510MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 118(5590MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 134(5670MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |

**802.11ac-HT20 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ac -HT20 MIMO | 36(5180MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 40(5200MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 48(5240MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 52(5260MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 56(5280MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 64(5320MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 100(5500MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 116(5580MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 140(5700MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |

**802.11ac-HT40 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ac HT40 MIMO | 38(5190MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 46(5230MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 54(5270MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 62(5310MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 102(5510MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 118(5590MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 134(5670MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |

**802.11ac-HT80 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ac – HT80 MIMO | 42(5210MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 58(5290MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 106(5530MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 122(5610MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |

**802.11ac-HT160 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ac – HT160 MIMO | 50(5250MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 114(5570MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |

**802.11ax-HT20 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ax -HT20 MIMO | 36(5180MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 40(5200MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 48(5240MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 52(5260MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 56(5280MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 64(5320MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 100(5500MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 116(5580MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 140(5700MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |

**802.11ax-HT40 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ax HT40 MIMO | 38(5190MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 46(5230MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 54(5270MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 62(5310MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 102(5510MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 118(5590MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 134(5670MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |

**802.11ax-HT80 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ax – HT80 MIMO | 42(5210MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 58(5290MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 106(5530MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 122(5610MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |

**802.11ax-HT160 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ax – HT160 MIMO | 50(5250MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 114(5570MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |

**Measurement Results for UT18a MIMO:**

**802.11ax-HT20 mode**

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|---|---|---|---|---|
| 802.11ax – HT20 MIMO | 100(5500MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 116(5600MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 140(5700MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |

**Conclusion: PASS**

**Note:**

A "reference path loss" is established and the $A_{Rpl}$ is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

$P_{Mea}$ is the field strength recorded from the instrument.

The measurement results are obtained as described below:

Result=$P_{Mea}$+$A_{Rpl=}$ $P_{Mea}$+Cable Loss+Antenna Factor

**AVERAGE Results:**

**802.11a**

Channel 36

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17998.900 | 42.43 | -25.50 | 46.66 | 21.27 | 54.00 | 11.57 | V |
| 17987.900 | 42.19 | -25.50 | 46.66 | 21.03 | 54.00 | 11.81 | V |
| 13348.600 | 38.16 | -29.49 | 39.71 | 27.94 | 54.00 | 15.84 | V |
| 13350.300 | 38.14 | -29.49 | 39.71 | 27.92 | 54.00 | 15.86 | V |
| 5149.900 | 45.93 | -27.61 | 33.67 | 39.87 | 54.00 | 8.07 | H |
| 5149.900 | 45.88 | -27.61 | 33.67 | 39.82 | 54.00 | 8.12 | H |

Channel 40

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17992.300 | 42.13 | -25.50 | 46.66 | 20.97 | 54.00 | 11.87 | H |
| 17996.700 | 41.86 | -25.50 | 46.66 | 20.70 | 54.00 | 12.14 | V |
| 13359.600 | 37.98 | -29.49 | 39.71 | 27.76 | 54.00 | 16.02 | H |
| 13351.400 | 37.93 | -29.49 | 39.71 | 27.71 | 54.00 | 16.07 | H |
| 11537.000 | 36.28 | -32.26 | 38.84 | 29.71 | 54.00 | 17.72 | H |
| 11944.000 | 36.28 | -31.48 | 39.09 | 28.67 | 54.00 | 17.72 | V |

Channel 48

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17791.000 | 41.79 | -25.50 | 46.66 | 20.63 | 54.00 | 12.21 | V |
| 17965.900 | 41.66 | -25.50 | 46.66 | 20.50 | 54.00 | 12.34 | H |
| 14485.000 | 37.96 | -28.59 | 42.46 | 24.09 | 54.00 | 16.04 | V |
| 13348.100 | 37.83 | -29.49 | 39.71 | 27.61 | 54.00 | 16.17 | H |
| 11933.500 | 36.36 | -31.48 | 39.09 | 28.75 | 54.00 | 17.64 | V |
| 11969.800 | 36.15 | -31.48 | 39.09 | 28.54 | 54.00 | 17.85 | H |

Channel 52

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17748.100 | 41.85 | -25.50 | 46.66 | 20.69 | 54.00 | 12.15 | V |
| 17995.000 | 41.58 | -25.50 | 46.66 | 20.42 | 54.00 | 12.42 | V |
| 13346.500 | 37.81 | -29.49 | 39.71 | 27.59 | 54.00 | 16.19 | H |
| 14495.400 | 37.70 | -28.59 | 42.46 | 23.83 | 54.00 | 16.30 | V |
| 11992.900 | 36.20 | -31.48 | 39.09 | 28.59 | 54.00 | 17.80 | H |
| 11912.600 | 36.13 | -31.85 | 39.05 | 28.93 | 54.00 | 17.87 | V |

Channel 56

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17998.300 | 41.57 | -25.50 | 46.66 | 20.41 | 54.00 | 12.43 | H |
| 17818.500 | 41.56 | -25.50 | 46.66 | 20.40 | 54.00 | 12.44 | H |
| 13330.500 | 38.00 | -29.49 | 39.71 | 27.78 | 54.00 | 16.00 | V |
| 14474.000 | 37.99 | -28.59 | 42.46 | 24.12 | 54.00 | 16.01 | V |
| 11911.500 | 36.10 | -31.85 | 39.05 | 28.90 | 54.00 | 17.90 | H |
| 11453.900 | 36.06 | -32.26 | 38.84 | 29.49 | 54.00 | 17.94 | H |

Channel 64

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17996.200 | 41.91 | -25.50 | 46.66 | 20.75 | 54.00 | 12.09 | H |
| 17704.100 | 41.68 | -25.74 | 45.95 | 21.47 | 54.00 | 12.32 | V |
| 14489.900 | 37.87 | -28.59 | 42.46 | 24.00 | 54.00 | 16.13 | V |
| 13359.100 | 37.77 | -29.49 | 39.71 | 27.55 | 54.00 | 16.23 | V |
| 5350.300 | 45.47 | -27.43 | 34.01 | 38.89 | 54.00 | 8.53 | H |
| 5350.200 | 45.15 | -27.43 | 34.01 | 38.57 | 54.00 | 8.85 | H |

Channel 100

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17727.800 | 41.87 | -25.74 | 45.95 | 21.66 | 54.00 | 12.13 | H |
| 17983.500 | 41.63 | -25.50 | 46.66 | 20.47 | 54.00 | 12.37 | V |
| 13346.500 | 37.86 | -29.49 | 39.71 | 27.64 | 54.00 | 16.14 | H |
| 14497.000 | 37.83 | -28.59 | 42.46 | 23.96 | 54.00 | 16.17 | V |
| 5455.500 | 41.52 | -27.18 | 34.17 | 34.53 | 54.00 | 12.48 | V |
| 5452.700 | 41.20 | -27.18 | 34.17 | 34.21 | 54.00 | 12.80 | H |

Channel 116

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17815.200 | 41.75 | -25.50 | 46.66 | 20.59 | 54.00 | 12.25 | V |
| 17775.000 | 41.66 | -25.50 | 46.66 | 20.50 | 54.00 | 12.34 | H |
| 14487.700 | 38.16 | -28.59 | 42.46 | 24.29 | 54.00 | 15.84 | V |
| 13355.200 | 38.02 | -29.49 | 39.71 | 27.80 | 54.00 | 15.98 | V |
| 11901.600 | 36.02 | -31.85 | 39.05 | 28.82 | 54.00 | 17.98 | V |
| 11921.400 | 35.95 | -31.48 | 39.09 | 28.34 | 54.00 | 18.05 | V |

Channel 140

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17765.200 | 42.85 | -25.50 | 46.66 | 21.69 | 54.00 | 11.15 | H |
| 17792.700 | 42.76 | -25.50 | 46.66 | 21.60 | 54.00 | 11.24 | V |
| 13326.600 | 39.19 | -29.49 | 39.71 | 28.97 | 54.00 | 14.81 | V |
| 13350.900 | 38.99 | -29.49 | 39.71 | 28.77 | 54.00 | 15.01 | V |
| 11999.500 | 37.02 | -31.48 | 39.09 | 29.41 | 54.00 | 16.98 | V |
| 11936.200 | 36.98 | -31.48 | 39.09 | 29.37 | 54.00 | 17.02 | H |

Channel 144

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17945.500 | 41.81 | -25.50 | 46.66 | 20.65 | 54.00 | 12.19 | H |
| 17812.500 | 41.72 | -25.50 | 46.66 | 20.56 | 54.00 | 12.28 | H |
| 14486.600 | 37.84 | -28.59 | 42.46 | 23.97 | 54.00 | 16.16 | V |
| 14479.500 | 37.67 | -28.59 | 42.46 | 23.80 | 54.00 | 16.33 | V |
| 11932.400 | 36.14 | -31.48 | 39.09 | 28.53 | 54.00 | 17.86 | H |
| 11959.400 | 36.12 | -31.48 | 39.09 | 28.51 | 54.00 | 17.88 | H |

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Channel 36

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17991.800 | 41.80 | -25.50 | 46.66 | 20.64 | 54.00 | 12.20 | V |
| 17805.300 | 41.75 | -25.50 | 46.66 | 20.59 | 54.00 | 12.25 | V |
| 14481.100 | 37.78 | -28.59 | 42.46 | 23.91 | 54.00 | 16.22 | H |
| 14483.300 | 37.74 | -28.59 | 42.46 | 23.87 | 54.00 | 16.26 | V |
| 5149.400 | 43.07 | -27.61 | 33.67 | 37.01 | 54.00 | 10.93 | H |
| 5149.900 | 42.89 | -27.61 | 33.67 | 36.83 | 54.00 | 11.11 | H |

Channel 40

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17957.700 | 41.81 | -25.50 | 46.66 | 20.65 | 54.00 | 12.19 | V |
| 17955.500 | 41.75 | -25.50 | 46.66 | 20.59 | 54.00 | 12.25 | H |
| 14486.000 | 37.66 | -28.59 | 42.46 | 23.79 | 54.00 | 16.34 | V |
| 13354.700 | 37.65 | -29.49 | 39.71 | 27.43 | 54.00 | 16.35 | V |
| 10951.800 | 36.09 | -32.82 | 38.70 | 30.21 | 54.00 | 17.91 | H |
| 11996.800 | 36.02 | -31.48 | 39.09 | 28.41 | 54.00 | 17.98 | H |

Channel 48

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17701.900 | 41.87 | -25.74 | 45.95 | 21.66 | 54.00 | 12.13 | H |
| 17974.700 | 41.73 | -25.50 | 46.66 | 20.57 | 54.00 | 12.27 | V |
| 14492.600 | 37.95 | -28.59 | 42.46 | 24.08 | 54.00 | 16.05 | V |
| 14498.700 | 37.85 | -28.59 | 42.46 | 23.98 | 54.00 | 16.15 | V |
| 10649.800 | 36.12 | -32.76 | 38.38 | 30.50 | 54.00 | 17.88 | H |
| 11048.000 | 36.01 | -32.49 | 38.72 | 29.77 | 54.00 | 17.99 | V |

Channel 52

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17961.500 | 41.88 | -25.50 | 46.66 | 20.72 | 54.00 | 12.12 | V |
| 17997.200 | 41.84 | -25.50 | 46.66 | 20.68 | 54.00 | 12.16 | V |
| 13333.200 | 37.90 | -29.49 | 39.71 | 27.68 | 54.00 | 16.10 | V |
| 13327.200 | 37.80 | -29.49 | 39.71 | 27.58 | 54.00 | 16.20 | V |
| 11837.200 | 36.09 | -31.85 | 39.05 | 28.89 | 54.00 | 17.91 | H |
| 11913.100 | 36.08 | -31.48 | 39.09 | 28.47 | 54.00 | 17.92 | V |

Channel 56

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17948.300 | 41.73 | -25.50 | 46.66 | 20.57 | 54.00 | 12.27 | V |
| 17951.000 | 41.68 | -25.50 | 46.66 | 20.52 | 54.00 | 12.32 | H |
| 14489.900 | 37.89 | -28.59 | 42.46 | 24.02 | 54.00 | 16.11 | H |
| 14488.800 | 37.83 | -28.59 | 42.46 | 23.96 | 54.00 | 16.17 | H |
| 11926.900 | 36.15 | -31.48 | 39.09 | 28.54 | 54.00 | 17.85 | H |
| 11914.200 | 36.12 | -31.48 | 39.09 | 28.51 | 54.00 | 17.88 | V |

Channel 64

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17953.800 | 41.71 | -25.50 | 46.66 | 20.55 | 54.00 | 12.29 | V |
| 17789.900 | 41.69 | -25.50 | 46.66 | 20.53 | 54.00 | 12.31 | V |
| 13347.500 | 37.96 | -29.49 | 39.71 | 27.74 | 54.00 | 16.04 | V |
| 13342.000 | 37.74 | -29.49 | 39.71 | 27.52 | 54.00 | 16.26 | H |
| 5350.200 | 43.07 | -27.43 | 34.01 | 36.49 | 54.00 | 10.93 | H |
| 5350.700 | 43.05 | -27.43 | 34.01 | 36.47 | 54.00 | 10.95 | H |

Channel 100

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17996.200 | 42.30 | -25.50 | 46.66 | 21.14 | 54.00 | 11.70 | V |
| 17918.000 | 41.79 | -25.50 | 46.66 | 20.63 | 54.00 | 12.21 | V |
| 7708.900 | 37.86 | -34.82 | 36.96 | 35.72 | 54.00 | 16.14 | V |
| 13347.000 | 37.82 | -29.49 | 39.71 | 27.60 | 54.00 | 16.18 | H |
| 5459.800 | 41.21 | -27.18 | 34.17 | 34.22 | 54.00 | 12.79 | H |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5432.300 | 41.13 | -27.18 | 34.17 | 34.14 | 54.00 | 12.87 | V |

Channel 116

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17773.400 | 42.02 | -25.50 | 46.66 | 20.86 | 54.00 | 11.98 | H |
| 17946.100 | 41.75 | -25.50 | 46.66 | 20.59 | 54.00 | 12.25 | V |
| 13339.900 | 37.97 | -29.49 | 39.71 | 27.75 | 54.00 | 16.03 | V |
| 13354.100 | 37.81 | -29.49 | 39.71 | 27.59 | 54.00 | 16.19 | H |
| 11993.500 | 36.41 | -31.48 | 39.09 | 28.80 | 54.00 | 17.59 | V |
| 11530.400 | 36.02 | -32.26 | 38.84 | 29.45 | 54.00 | 17.98 | H |

Channel 140

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17792.700 | 42.61 | -25.50 | 46.66 | 21.45 | 54.00 | 11.39 | V |
| 17984.000 | 42.37 | -25.50 | 46.66 | 21.21 | 54.00 | 11.63 | V |
| 14496.000 | 38.39 | -28.59 | 42.46 | 24.52 | 54.00 | 15.61 | H |
| 13354.100 | 38.26 | -29.49 | 39.71 | 28.04 | 54.00 | 15.74 | H |
| 11929.600 | 36.65 | -31.48 | 39.09 | 29.04 | 54.00 | 17.35 | H |
| 11853.200 | 36.62 | -31.85 | 39.05 | 29.42 | 54.00 | 17.38 | H |

Channel 144

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|---|---|---|---|---|---|---|---|
| 17828.400 | 41.78 | -25.50 | 46.66 | 20.62 | 54.00 | 12.22 | V |
| 17981.300 | 41.74 | -25.50 | 46.66 | 20.58 | 54.00 | 12.26 | V |
| 14487.700 | 37.83 | -28.59 | 42.46 | 23.96 | 54.00 | 16.17 | V |
| 13349.800 | 37.76 | -29.49 | 39.71 | 27.54 | 54.00 | 16.24 | V |
| 11535.300 | 36.10 | -32.26 | 38.84 | 29.53 | 54.00 | 17.90 | H |
| 11536.400 | 35.98 | -32.26 | 38.84 | 29.41 | 54.00 | 18.02 | V |