

UNII-1 2Tx (MIMO) Restricted Band edge (Lowest Channel)

802.11ax_HE20 SU mode_Lowest Channel (5 180 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 149.66 ¹⁾ | H | 59.80 | 32.90 | -27.32 | - | 65.38 | 74.00 | 8.62 |
| Average Data | | | | | | | | |
| 5 149.66 ¹⁾ | H | 44.03 | 32.90 | -27.32 | 0.74 | 50.35 | 54.00 | 3.65 |

802.11ax_HE40 SU mode_Lowest Channel (5 190 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 148.50 ¹⁾ | H | 56.40 | 32.90 | -27.32 | - | 61.98 | 74.00 | 12.02 |
| 5 149.50 ¹⁾ | H | 57.10 | 32.90 | -27.32 | - | 62.68 | 74.00 | 11.32 |
| Average Data | | | | | | | | |
| 5 148.50 ¹⁾ | H | 41.19 | 32.90 | -27.32 | 1.25 | 48.02 | 54.00 | 5.98 |
| 5 149.50 ¹⁾ | H | 41.14 | 32.90 | -27.32 | 1.25 | 47.97 | 54.00 | 6.03 |

802.11ax_HE80 SU mode_Middle Channel (5 210 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 148.50 ¹⁾ | H | 56.21 | 32.90 | -27.32 | - | 61.79 | 74.00 | 12.21 |
| 5 149.50 ¹⁾ | H | 56.37 | 32.90 | -27.32 | - | 61.95 | 74.00 | 12.05 |
| Average Data | | | | | | | | |
| 5 148.50 ¹⁾ | H | 39.67 | 32.90 | -27.32 | 1.90 | 47.15 | 54.00 | 6.85 |
| 5 149.50 ¹⁾ | H | 39.40 | 32.90 | -27.32 | 1.90 | 46.88 | 54.00 | 7.12 |

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 180 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 138.53 ¹⁾ | H | 63.10 | 32.90 | -27.33 | - | 68.67 | 74.00 | 5.33 |
| Average Data | | | | | | | | |
| 5 138.53 ¹⁾ | H | 44.59 | 32.90 | -27.33 | 0.10 | 50.26 | 54.00 | 3.74 |

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 180 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 143.78 ¹⁾ | H | 56.10 | 32.90 | -27.33 | - | 61.67 | 74.00 | 12.33 |
| Average Data | | | | | | | | |
| 5 143.78 ¹⁾ | H | 38.84 | 32.90 | -27.33 | 0.18 | 44.59 | 54.00 | 9.41 |

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 180 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 148.03 ¹⁾ | H | 54.60 | 32.90 | -27.33 | - | 60.17 | 74.00 | 13.83 |
| Average Data | | | | | | | | |
| 5 148.03 ¹⁾ | H | 38.29 | 32.90 | -27.33 | 0.33 | 44.19 | 54.00 | 9.81 |

802.11ax_HE20 RU mode (242T / RU offset 61)_Lowest Channel (5 180 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 148.14 ¹⁾ | H | 55.60 | 32.90 | -27.33 | - | 61.17 | 74.00 | 12.83 |
| Average Data | | | | | | | | |
| 5 148.14 ¹⁾ | H | 38.71 | 32.90 | -27.33 | 0.74 | 45.02 | 54.00 | 8.98 |

802.11ax_HE40 RU mode (484T / RU offset 65)_Highest Channel (5 190 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 149.52 ¹⁾ | H | 62.80 | 32.90 | -27.32 | - | 68.38 | 74.00 | 5.62 |
| Average Data | | | | | | | | |
| 5 149.52 ¹⁾ | H | 44.88 | 32.90 | -27.32 | 1.24 | 51.70 | 54.00 | 2.30 |

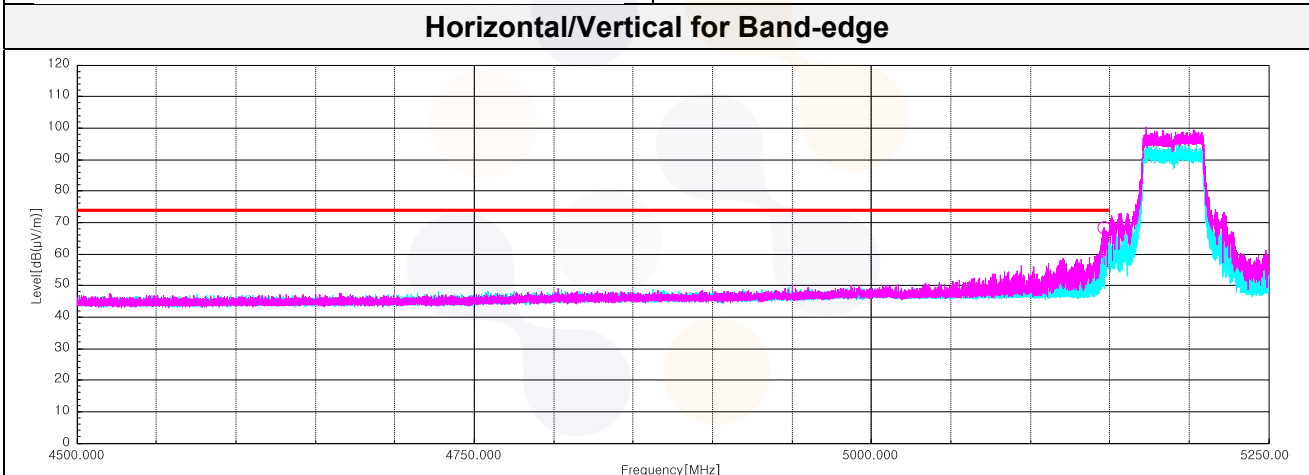
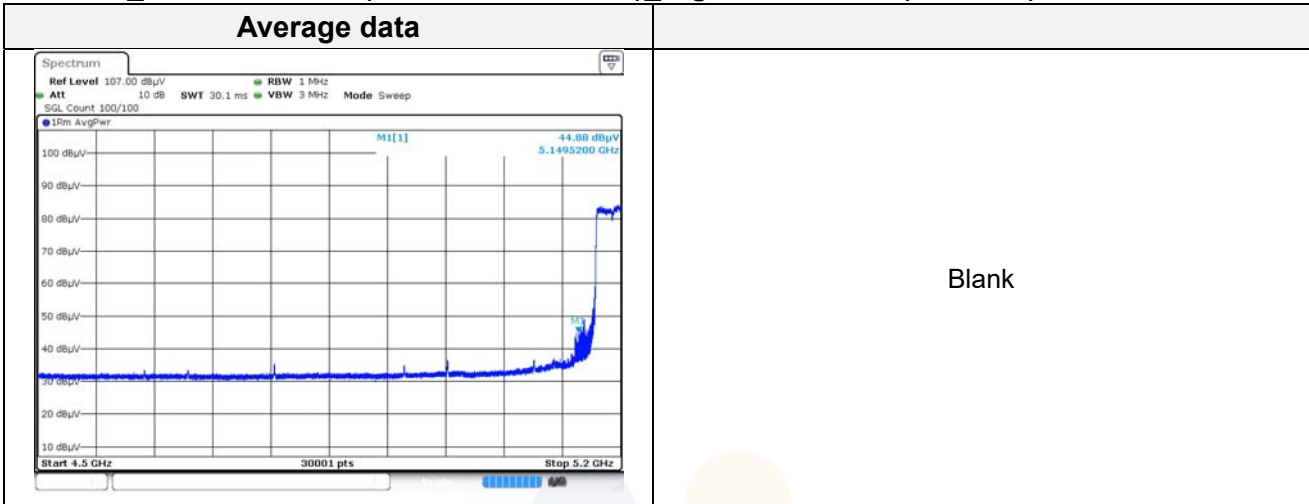
802.11ax_HE80 RU mode (996T / RU offset 67)_Middle Channel (5 210 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 148.21 ¹⁾ | H | 52.80 | 32.90 | -27.33 | - | 58.37 | 74.00 | 15.63 |
| Average Data | | | | | | | | |
| 5 148.21 ¹⁾ | H | 37.35 | 32.90 | -27.33 | 2.13 | 45.05 | 54.00 | 8.95 |

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE40 RU mode (484T / RU offset 65)_Highest Channel (5 190 MHz)



UNII-2A 2Tx (MIMO) Restricted Band edge (Highest Channel)

802.11ax_HE20 SU mode_Highest Channel (5 320 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 350.63 ¹⁾ | H | 61.00 | 32.60 | -27.20 | - | 66.40 | 74.00 | 7.60 |
| Average Data | | | | | | | | |
| 5 350.63 ¹⁾ | H | 42.96 | 32.60 | -27.20 | 0.74 | 49.10 | 54.00 | 4.90 |

802.11ax_HE40 SU mode_Highest Channel (5 310 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 350.07 ¹⁾ | H | 61.10 | 32.60 | -27.20 | - | 66.50 | 74.00 | 7.50 |
| Average Data | | | | | | | | |
| 5 350.07 ¹⁾ | H | 44.96 | 32.60 | -27.20 | 1.25 | 51.61 | 54.00 | 2.39 |

802.11ax_HE80 SU mode_Middle Channel (5 290 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 355.25 ¹⁾ | H | 62.70 | 32.60 | -27.20 | - | 68.10 | 74.00 | 5.90 |
| Average Data | | | | | | | | |
| 5 355.25 ¹⁾ | H | 44.28 | 32.60 | -27.20 | 1.90 | 51.58 | 54.00 | 2.42 |

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 320 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 369.02 ¹⁾ | H | 52.70 | 32.60 | -27.19 | - | 58.11 | 74.00 | 15.89 |
| Average Data | | | | | | | | |
| 5 369.02 ¹⁾ | H | 36.75 | 32.60 | -27.19 | 0.10 | 42.26 | 54.00 | 11.74 |

802.11ax_HE20 RU mode (52T / RU offset 40)_Highest Channel (5 320 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 386.14 ¹⁾ | H | 52.60 | 32.60 | -27.18 | - | 58.02 | 74.00 | 15.98 |
| Average Data | | | | | | | | |
| 5 386.14 ¹⁾ | H | 36.60 | 32.60 | -27.18 | 0.18 | 42.20 | 54.00 | 11.80 |

802.11ax_HE20 RU mode (106T / RU offset 54)_Highest Channel (5 320 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 382.78 ¹⁾ | H | 52.50 | 32.60 | -27.18 | - | 57.92 | 74.00 | 16.08 |
| Average Data | | | | | | | | |
| 5 382.78 ¹⁾ | H | 36.77 | 32.60 | -27.18 | 0.33 | 42.52 | 54.00 | 11.48 |

802.11ax_HE20 RU mode (242T / RU offset 61)_Highest Channel (5 320 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 377.23 ¹⁾ | H | 53.70 | 32.60 | -27.18 | - | 59.12 | 74.00 | 14.88 |
| Average Data | | | | | | | | |
| 5 377.23 ¹⁾ | H | 36.76 | 32.60 | -27.18 | 0.74 | 42.92 | 54.00 | 11.08 |

802.11ax_HE40 RU mode (484T / RU offset 65)_Highest Channel (5 310 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 350.27 ¹⁾ | H | 55.50 | 32.60 | -27.20 | - | 60.90 | 74.00 | 13.10 |
| Average Data | | | | | | | | |
| 5 350.27 ¹⁾ | H | 39.38 | 32.60 | -27.20 | 1.24 | 46.02 | 54.00 | 7.98 |

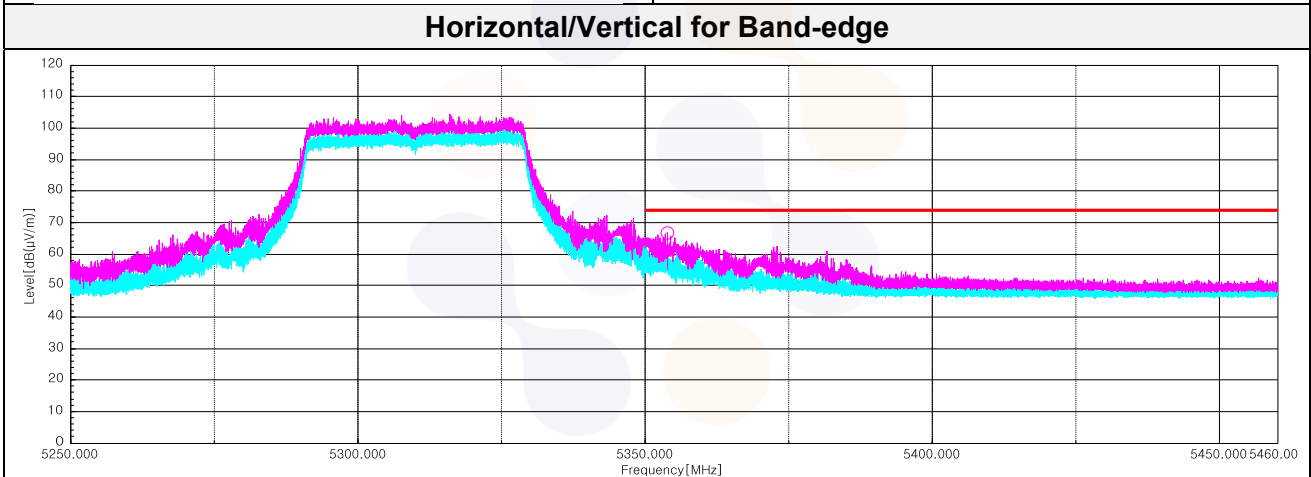
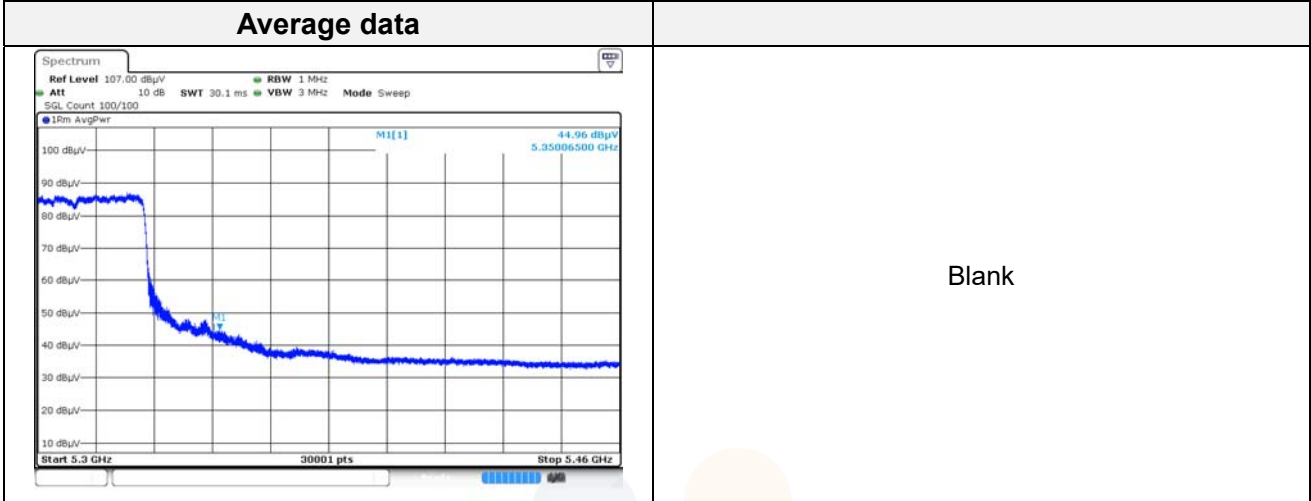
802.11ax_HE80 RU mode (996T / RU offset 67)_Middle Channel (5 290 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 352.81 ¹⁾ | H | 51.10 | 32.60 | -27.20 | - | 56.50 | 74.00 | 17.50 |
| Average Data | | | | | | | | |
| 5 352.81 ¹⁾ | H | 35.92 | 32.60 | -27.20 | 2.13 | 43.45 | 54.00 | 10.55 |

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE40 SU mode_Highest Channel (5 310 MHz)



UNII-2C 2Tx (MIMO) Restricted Band edge (Lowest Channel)

802.11ax_HE20 SU mode_Lowest Channel (5 500 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 428.16 ¹⁾ | H | 55.90 | 32.60 | -27.15 | - | 61.35 | 74.00 | 12.65 |
| Average Data | | | | | | | | |
| 5 428.16 ¹⁾ | H | 41.79 | 32.60 | -27.15 | 0.74 | 47.98 | 54.00 | 6.02 |

802.11ax_HE40 SU mode_Lowest Channel (5 510 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 459.90 ¹⁾ | H | 56.60 | 32.60 | -27.13 | - | 62.07 | 74.00 | 11.93 |
| Average Data | | | | | | | | |
| 5 459.90 ¹⁾ | H | 42.15 | 32.60 | -27.13 | 1.25 | 48.87 | 54.00 | 5.13 |

802.11ax_HE80 SU mode_Lowest Channel (5 530 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 459.76 ¹⁾ | H | 56.30 | 32.60 | -27.13 | - | 61.77 | 74.00 | 12.23 |
| Average Data | | | | | | | | |
| 5 459.76 ¹⁾ | H | 44.20 | 32.60 | -27.13 | 1.90 | 51.57 | 54.00 | 2.43 |

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 500 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 395.87 ¹⁾ | H | 55.00 | 32.60 | -27.17 | - | 60.43 | 74.00 | 13.57 |
| Average Data | | | | | | | | |
| 5 395.87 ¹⁾ | H | 39.70 | 32.60 | -27.17 | 0.10 | 45.23 | 54.00 | 8.77 |

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 500 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 436.28 ¹⁾ | H | 54.50 | 32.60 | -27.15 | - | 59.95 | 74.00 | 14.05 |
| Average Data | | | | | | | | |
| 5 436.28 ¹⁾ | H | 39.41 | 32.60 | -27.15 | 0.18 | 45.04 | 54.00 | 8.96 |

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 500 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 435.91 ¹⁾ | H | 54.60 | 32.60 | -27.15 | - | 60.05 | 74.00 | 13.95 |
| Average Data | | | | | | | | |
| 5 435.91 ¹⁾ | H | 39.49 | 32.60 | -27.15 | 0.33 | 45.27 | 54.00 | 8.73 |

802.11ax_HE20 RU mode (242T / RU offset 61)_Lowest Channel (5 500 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 444.52 ¹⁾ | H | 55.40 | 32.60 | -27.14 | - | 60.86 | 74.00 | 13.14 |
| Average Data | | | | | | | | |
| 5 444.52 ¹⁾ | H | 40.05 | 32.60 | -27.14 | 0.74 | 46.25 | 54.00 | 7.75 |

802.11ax_HE40 RU mode (484T / RU offset 65)_Lowest Channel (5 510 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 459.71 ¹⁾ | H | 56.60 | 32.60 | -27.13 | - | 62.07 | 74.00 | 11.93 |
| Average Data | | | | | | | | |
| 5 459.71 ¹⁾ | H | 40.77 | 32.60 | -27.13 | 1.24 | 47.48 | 54.00 | 6.52 |

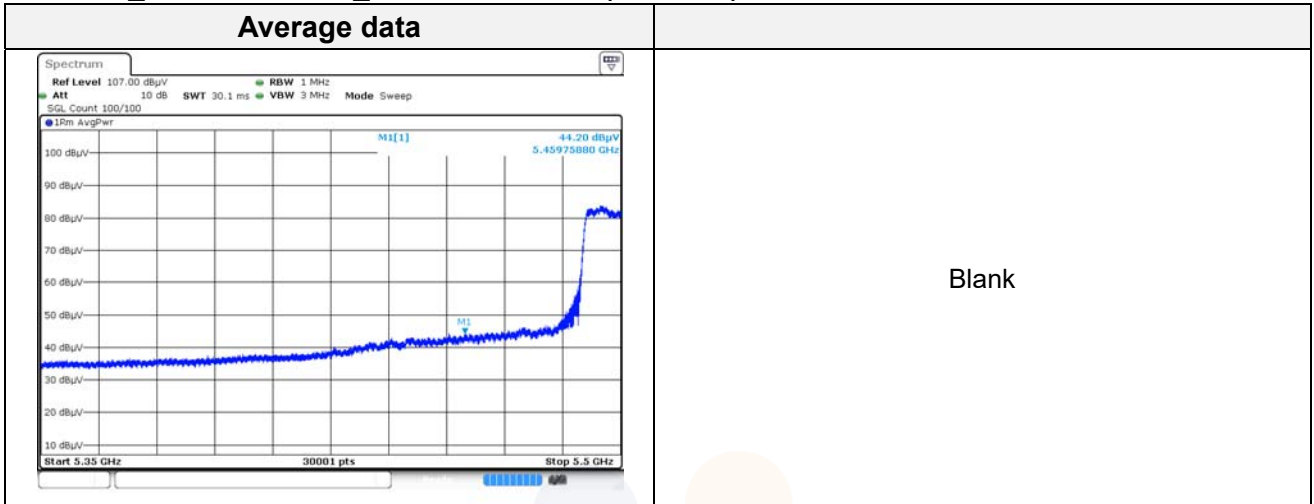
802.11ax_HE80 RU mode (996T / RU offset 67)_Lowest Channel (5 530 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 440.43 ¹⁾ | H | 54.10 | 32.60 | -27.15 | - | 59.55 | 74.00 | 14.45 |
| Average Data | | | | | | | | |
| 5 440.43 ¹⁾ | H | 40.24 | 32.60 | -27.15 | 2.13 | 47.82 | 54.00 | 6.18 |

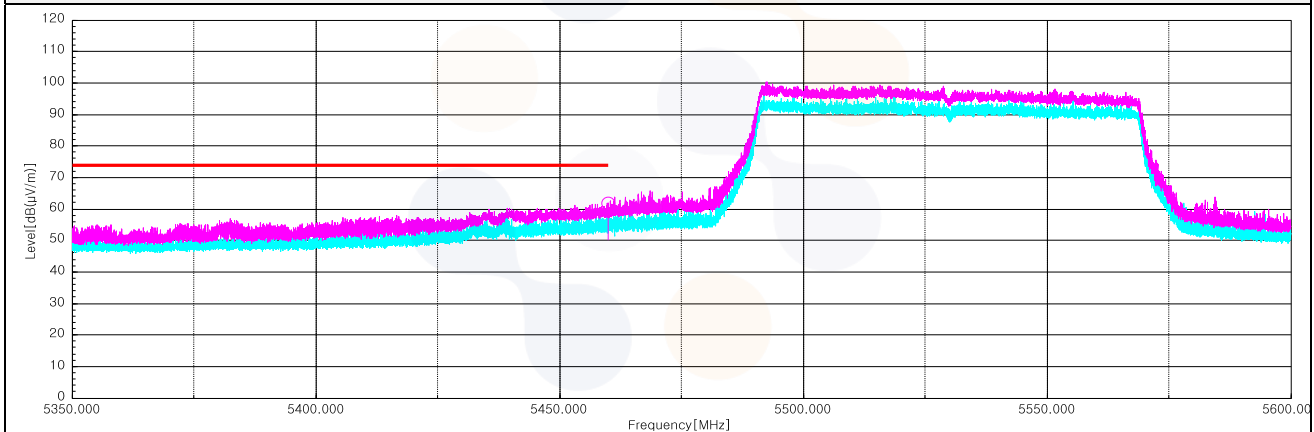
Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE80 SU mode_Lowest Channel (5 530 MHz)



Horizontal/Vertical for Band-edge



UNII-2C 2Tx (MIMO) Restricted Band edge (Highest Channel)

802.11ax_HE20 SU mode_Highest Channel (5 700 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 725.98 | H | 52.60 | 33.36 | -26.61 | - | 59.35 | 68.20 | 8.85 |

802.11ax_HE40 SU mode_Highest Channel (5 670 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 732.63 | H | 49.80 | 33.40 | -26.60 | - | 56.60 | 68.20 | 11.60 |

802.11ax_HE80 SU mode_Highest Channel (5 610 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 807.75 | H | 45.10 | 33.63 | -26.45 | - | 52.28 | 68.20 | 15.92 |

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 700 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 725.33 | H | 47.90 | 33.35 | -26.61 | - | 54.64 | 68.20 | 13.56 |

802.11ax_HE20 RU mode (52T / RU offset 40)_Highest Channel (5 700 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 726.92 | H | 47.00 | 33.36 | -26.61 | - | 53.75 | 68.20 | 14.45 |

802.11ax_HE20 RU mode (106T / RU offset 54)_Highest Channel (5 700 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 729.17 | H | 48.20 | 33.38 | -26.61 | - | 54.97 | 68.20 | 13.23 |

802.11ax_HE20 RU mode (242T / RU offset 61)_Highest Channel (5 700 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 727.19 | H | 48.20 | 33.36 | -26.61 | - | 54.95 | 68.20 | 13.25 |

802.11ax_HE40 RU mode (484T / RU offset 65)_Highest Channel (5 670 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 728.75 | H | 46.50 | 33.37 | -26.61 | - | 53.26 | 68.20 | 14.94 |

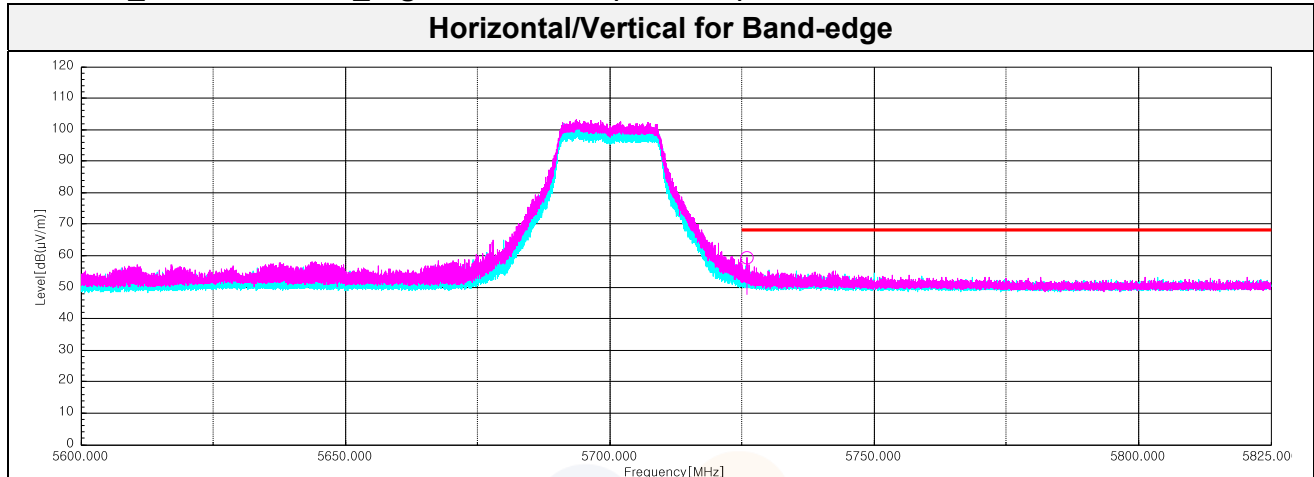
802.11ax_HE80 RU mode (996T / RU offset 67)_Highest Channel (5 610 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 818.55 | V | 44.90 | 33.67 | -26.43 | - | 52.14 | 68.20 | 16.06 |

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 SU mode_Highest Channel (5 700 MHz)



UNII-3 2Tx (MIMO) Restricted Band edge (Lowest Channel)

802.11ax_HE20 SU mode_Lowest Channel (5 745 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 719.25 | H | 58.40 | 33.32 | -26.63 | - | 65.09 | 110.60 | 45.51 |

802.11ax_HE40 SU mode_Lowest Channel (5 755 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 718.46 | H | 61.10 | 33.31 | -26.63 | - | 67.78 | 110.40 | 42.62 |

802.11ax_HE80 SU mode_Middle Channel (5 775 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 713.80 | V | 63.00 | 33.28 | -26.64 | - | 69.64 | 109.10 | 39.46 |

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 745 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 719.65 | H | 53.30 | 33.32 | -26.63 | - | 59.99 | 110.70 | 50.71 |

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 745 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 709.80 | H | 52.30 | 33.26 | -26.65 | - | 58.91 | 107.90 | 48.99 |

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 745 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 713.03 | H | 52.40 | 33.28 | -26.64 | - | 59.04 | 108.80 | 49.76 |

802.11ax_HE20 RU mode (242T / RU offset 61)_Lowest Channel (5 745 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 714.67 | H | 52.70 | 33.29 | -26.64 | - | 59.35 | 109.30 | 49.95 |

802.11ax_HE40 RU mode (484T / RU offset 65)_Lowest Channel (5 755 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 718.63 | H | 61.30 | 33.31 | -26.63 | - | 67.98 | 110.40 | 42.42 |

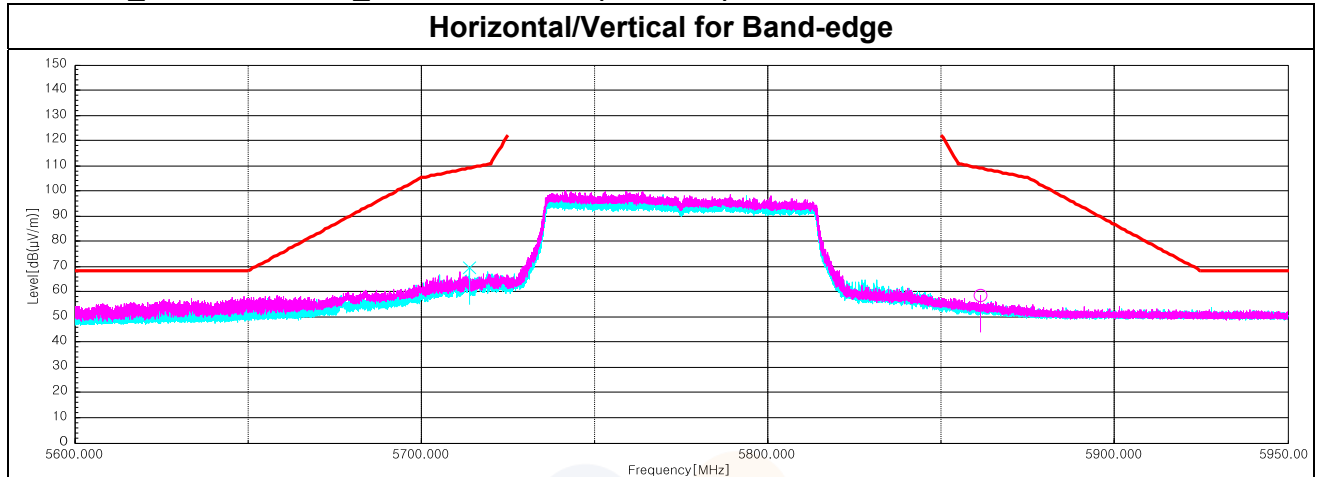
802.11ax_HE80 RU mode (996T / RU offset 67)_Middle Channel (5 775 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|-----------------|-------------|--------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 5 713.18 | H | 49.00 | 33.28 | -26.64 | - | 55.64 | 108.90 | 53.26 |

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE80 SU mode_Middle Channel (5 775 MHz)



UNII-3 2Tx (MIMO) Restricted Band edge (Highest Channel)

802.11ax_HE20 SU mode_Highest Channel (5 825 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------------|-------------|--------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 856.54 | V | 52.70 | 33.83 | -26.36 | - | 60.17 | 110.40 | 50.23 |

802.11ax_HE40 SU mode_Highest Channel (5 795 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------------|-------------|--------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 859.71 | V | 47.90 | 33.84 | -26.35 | - | 55.39 | 109.50 | 54.11 |

802.11ax_HE80 SU mode_Middle Channel (5 775 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------------|-------------|--------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 861.24 | H | 50.80 | 33.84 | -26.35 | - | 58.29 | 109.10 | 50.81 |

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 825 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------------|-------------|--------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 867.69 | V | 59.30 | 33.87 | -26.33 | - | 66.84 | 107.20 | 40.36 |

802.11ax_HE20 RU mode (52T / RU offset 40)_Highest Channel (5 825 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------------|-------------|--------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 864.10 | V | 52.30 | 33.86 | -26.34 | - | 59.82 | 108.30 | 48.48 |

802.11ax_HE20 RU mode (106T / RU offset 54)_Highest Channel (5 825 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------------|-------------|--------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 855.13 | V | 50.80 | 33.82 | -26.36 | - | 58.26 | 110.80 | 52.54 |

802.11ax_HE20 RU mode (242T / RU offset 61)_Highest Channel (5 825 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 855.12 | V | 49.00 | 33.82 | -26.36 | - | 56.46 | 110.80 | 54.34 |

802.11ax_HE40 RU mode (484T / RU offset 65)_Highest Channel (5 795 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 855.05 | V | 47.90 | 33.82 | -26.36 | - | 55.36 | 110.80 | 55.44 |

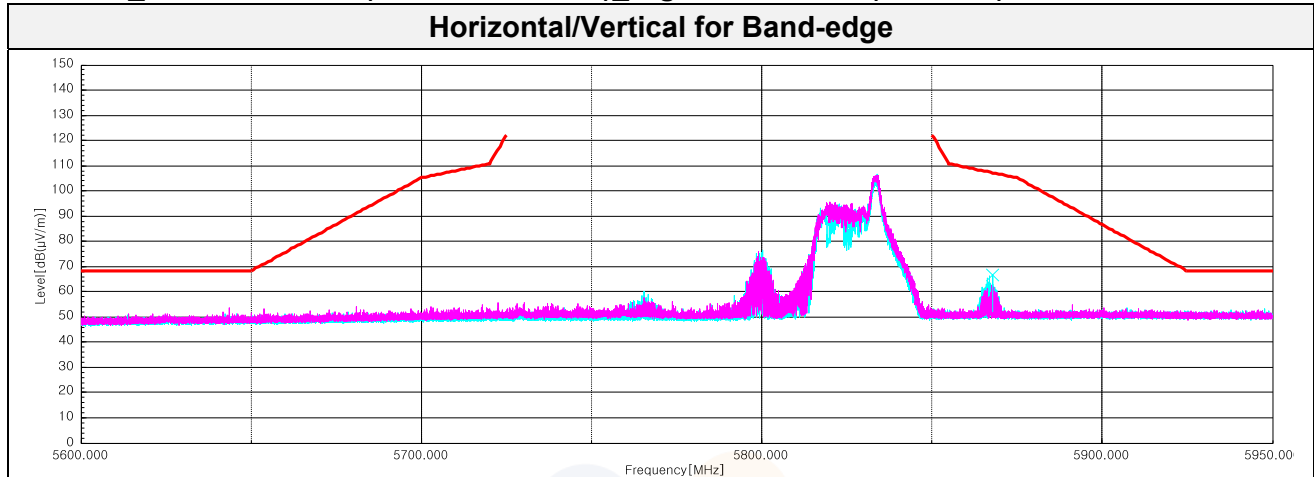
802.11ax_HE80 RU mode (996T / RU offset 67)_Middle Channel (5 775 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp. + Cable | DCF | Result | Limit | Margin |
|------------------|-------|----------|-------------|--------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 5 860.46 | V | 44.80 | 33.84 | -26.35 | - | 52.29 | 109.30 | 57.01 |

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 825 MHz)



UNII-1 2Tx (MIMO) Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Lowest Channel (5 180 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 359.02 | V | 52.50 | 38.48 | -42.79 | - | 48.19 | 68.20 | 20.01 |
| 15 479.58 ¹⁾ | V | 52.40 | 38.24 | -40.30 | - | 50.34 | 74.00 | 23.66 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Middle Channel (5 200 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 237.12 | H | 52.50 | 38.70 | -42.94 | - | 48.26 | 68.20 | 19.94 |
| 15 555.87 ¹⁾ | H | 51.80 | 38.09 | -40.12 | - | 49.77 | 74.00 | 24.23 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Highest Channel (5 240 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 472.87 | H | 53.40 | 38.50 | -42.64 | - | 49.26 | 68.20 | 18.94 |
| 15 732.58 ¹⁾ | H | 52.20 | 38.10 | -39.50 | - | 50.80 | 74.00 | 23.20 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Lowest Channel (5 190 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 408.85 | H | 52.10 | 38.50 | -42.72 | - | 47.88 | 68.20 | 20.32 |
| 15 506.80 ¹⁾ | V | 51.50 | 38.19 | -40.30 | - | 49.39 | 74.00 | 24.61 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Highest Channel (5 230 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 447.57 | V | 52.60 | 38.50 | -42.67 | - | 48.43 | 68.20 | 19.77 |
| 15 723.77 ¹⁾ | V | 51.30 | 38.10 | -39.53 | - | 49.87 | 74.00 | 24.13 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 SU mode_Middle Channel (5 210 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 410.38 | H | 52.00 | 38.50 | -42.72 | - | 47.78 | 68.20 | 20.42 |
| 15 693.10 ¹⁾ | V | 51.10 | 38.19 | -39.64 | - | 49.65 | 74.00 | 24.35 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 180 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 377.80 | H | 52.80 | 38.44 | -42.76 | - | 48.48 | 68.20 | 19.72 |
| 15 572.73 ¹⁾ | V | 51.80 | 38.05 | -40.06 | - | 49.79 | 74.00 | 24.21 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (106T / RU offset 54)_Middle Channel (5 200 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 414.22 | V | 54.70 | 38.50 | -42.71 | - | 50.49 | 68.20 | 17.71 |
| 15 621.60 ¹⁾ | H | 53.70 | 37.96 | -39.89 | - | 51.77 | 74.00 | 22.23 |
| Average Data | | | | | | | | |
| 15 621.60 ¹⁾ | H | 41.31 | 37.96 | -39.89 | 0.33 | 39.71 | 54.00 | 14.29 |

802.11ax_HE20 RU mode (26T / RU offset 8)_Hihest Channel (5 240 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 466.35 | V | 54.30 | 38.50 | -42.64 | - | 50.16 | 68.20 | 18.04 |
| 15 787.78 ¹⁾ | H | 52.00 | 38.10 | -39.40 | - | 50.70 | 74.00 | 23.30 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (52T / RU offset 44)_Lowest Channel (5 190 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 367.83 | V | 53.70 | 38.46 | -42.77 | - | 49.39 | 68.20 | 18.81 |
| 15 608.38 ¹⁾ | V | 52.60 | 37.98 | -39.94 | - | 50.64 | 74.00 | 23.36 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (52T / RU offset 44)_Highest Channel (5 230 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 493.57 | V | 53.40 | 38.50 | -42.61 | - | 49.29 | 68.20 | 18.91 |
| 15 743.32 ¹⁾ | H | 52.30 | 38.10 | -39.46 | - | 50.94 | 74.00 | 23.06 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

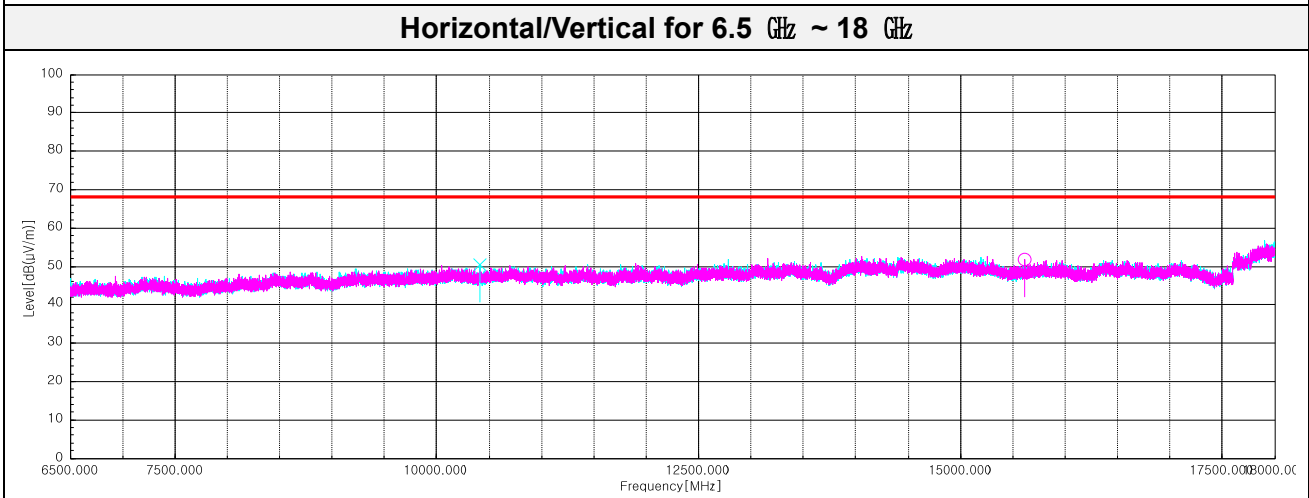
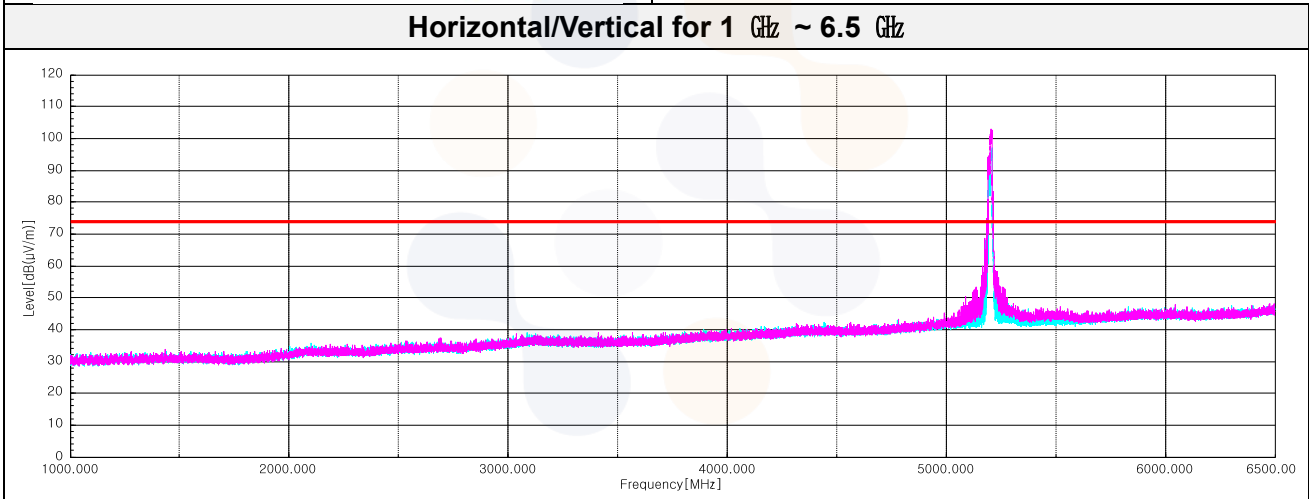
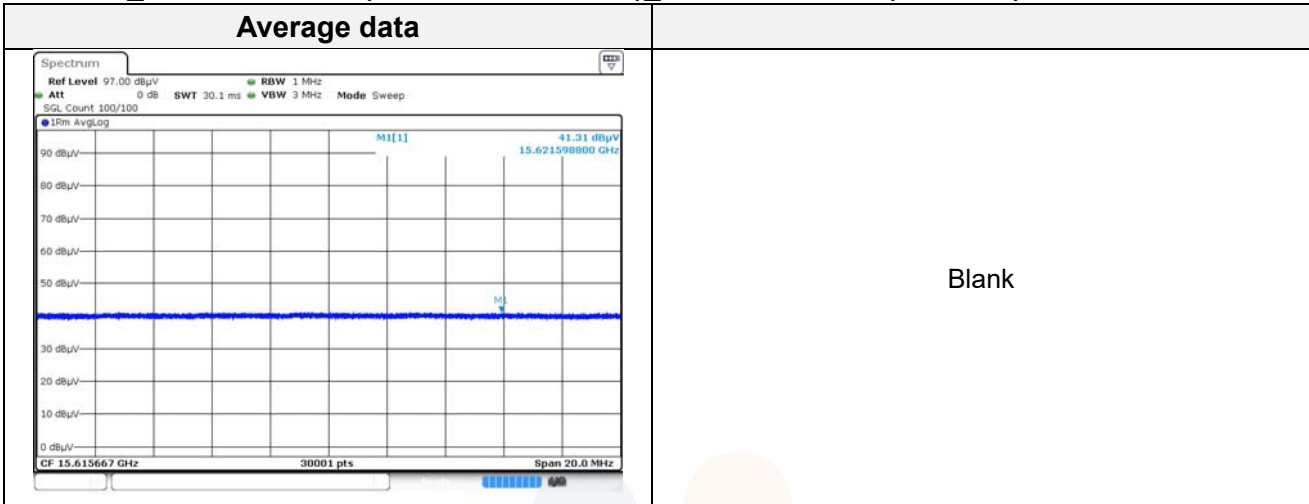
802.11ax_HE80 RU mode (106T / RU offset 57)_Middle Channel (5 210 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 356.72 | V | 54.00 | 38.49 | -42.79 | - | 49.70 | 68.20 | 18.50 |
| 15 657.07 ¹⁾ | V | 52.50 | 38.11 | -39.77 | - | 50.84 | 74.00 | 23.16 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

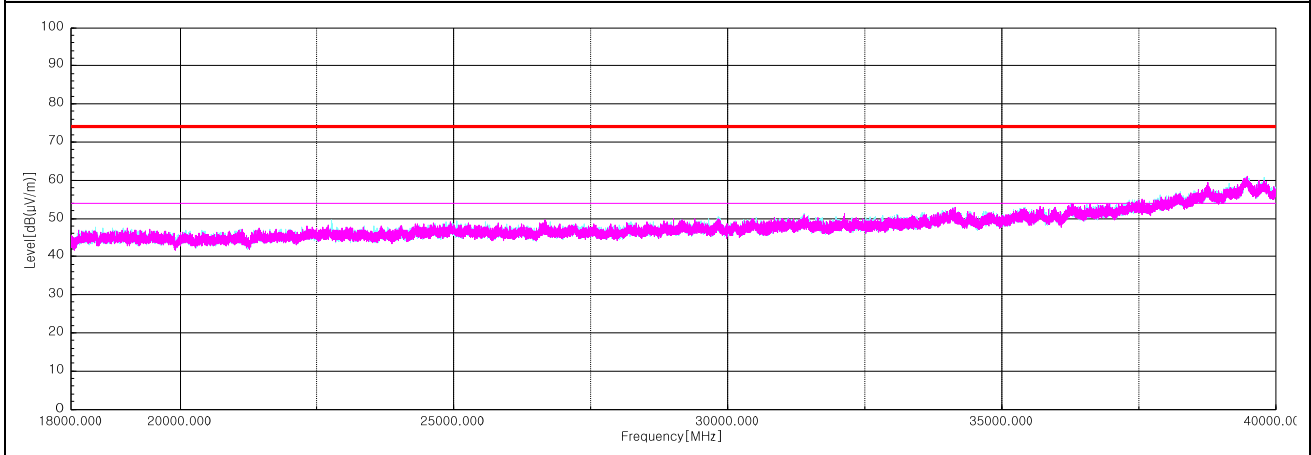
Plot of Harmonics and Spurious Emissions

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (106T / RU offset 54)_Middle Channel (5 200 MHz)



Horizontal/Vertical for 18 GHz ~ 40 GHz



UNII-2A 2Tx (MIMO) Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Lowest Channel (5 260 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 575.22 | V | 52.40 | 38.65 | -42.46 | - | 48.59 | 68.20 | 19.61 |
| 15 765.17 ¹⁾ | H | 51.40 | 38.10 | -39.42 | - | 50.08 | 74.00 | 23.92 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Middle Channel (5 280 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 588.63 | V | 52.50 | 38.68 | -42.44 | - | 48.74 | 68.20 | 19.46 |
| 15 767.47 ¹⁾ | H | 52.20 | 38.10 | -39.42 | - | 50.88 | 74.00 | 23.12 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Highest Channel (5 320 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 560.27 | V | 52.70 | 38.62 | -42.49 | - | 48.83 | 68.20 | 19.37 |
| 15 923.48 ¹⁾ | V | 51.90 | 38.20 | -39.24 | - | 50.86 | 74.00 | 23.14 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Lowest Channel (5 270 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 542.25 | V | 52.40 | 38.50 | -42.52 | - | 48.38 | 68.20 | 19.82 |
| 15 844.90 ¹⁾ | V | 51.90 | 38.29 | -39.33 | - | 50.86 | 74.00 | 23.14 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Highest Channel (5 310 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 641.92 ¹⁾ | H | 53.40 | 38.78 | -42.34 | - | 49.84 | 74.00 | 24.16 |
| 15 864.07 ¹⁾ | V | 51.80 | 38.20 | -39.31 | - | 50.69 | 74.00 | 23.31 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 SU mode_Middle Channel (5 290 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 594.38 | V | 52.70 | 38.69 | -42.43 | - | 48.96 | 68.20 | 19.24 |
| 15 855.25 ¹⁾ | V | 52.10 | 38.20 | -39.32 | - | 50.98 | 74.00 | 23.02 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (106T / RU offset 54)_Lowest Channel (5 260 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 547.62 | H | 53.40 | 38.50 | -42.51 | - | 49.39 | 68.20 | 18.81 |
| 15 816.59 ¹⁾ | V | 52.70 | 38.23 | -39.36 | - | 51.57 | 74.00 | 22.43 |
| Average Data | | | | | | | | |
| 15 816.59 ¹⁾ | V | 41.44 | 38.23 | -39.36 | 0.33 | 40.64 | 54.00 | 13.36 |

802.11ax_HE20 RU mode (26T / RU offset 8)_Middle Channel (5 280 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 576.37 | V | 54.00 | 38.65 | -42.46 | - | 50.19 | 68.20 | 18.01 |
| 15 883.40 ¹⁾ | H | 52.70 | 38.20 | -39.29 | - | 51.61 | 74.00 | 22.39 |
| Average Data | | | | | | | | |
| 15 883.40 ¹⁾ | H | 41.22 | 38.20 | -39.29 | 0.10 | 40.23 | 54.00 | 13.77 |

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 320 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 663.38 ¹⁾ | V | 53.30 | 38.70 | -42.30 | - | 49.70 | 74.00 | 24.30 |
| 15 946.11 ¹⁾ | H | 52.10 | 38.20 | -39.21 | - | 51.09 | 74.00 | 22.91 |
| Average Data | | | | | | | | |
| 15 946.11 ¹⁾ | H | 41.21 | 38.20 | -39.21 | 0.10 | 40.30 | 54.00 | 13.70 |

802.11ax_HE40 RU mode (106T / RU offset 56)_Highest Channel (5 270 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 539.18 | V | 52.80 | 38.50 | -42.53 | - | 48.77 | 68.20 | 19.43 |
| 15 847.97 ¹⁾ | V | 51.60 | 38.30 | -39.33 | - | 50.57 | 74.00 | 23.43 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (106T / RU offset 56)_Highest Channel (5 310 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 592.85 | V | 53.50 | 38.69 | -42.43 | - | 49.76 | 68.20 | 18.44 |
| 15 991.25 ¹⁾ | V | 52.20 | 38.38 | -39.16 | - | 51.42 | 74.00 | 22.58 |
| Average Data | | | | | | | | |
| 15 991.25 ¹⁾ | V | 40.97 | 38.38 | -39.16 | 0.36 | 40.55 | 54.00 | 13.45 |

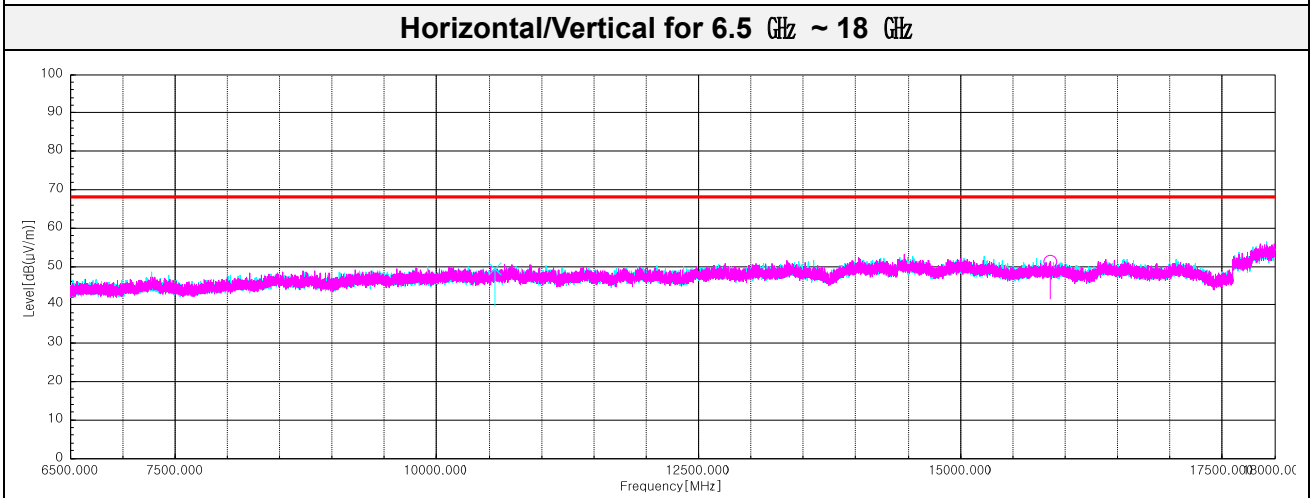
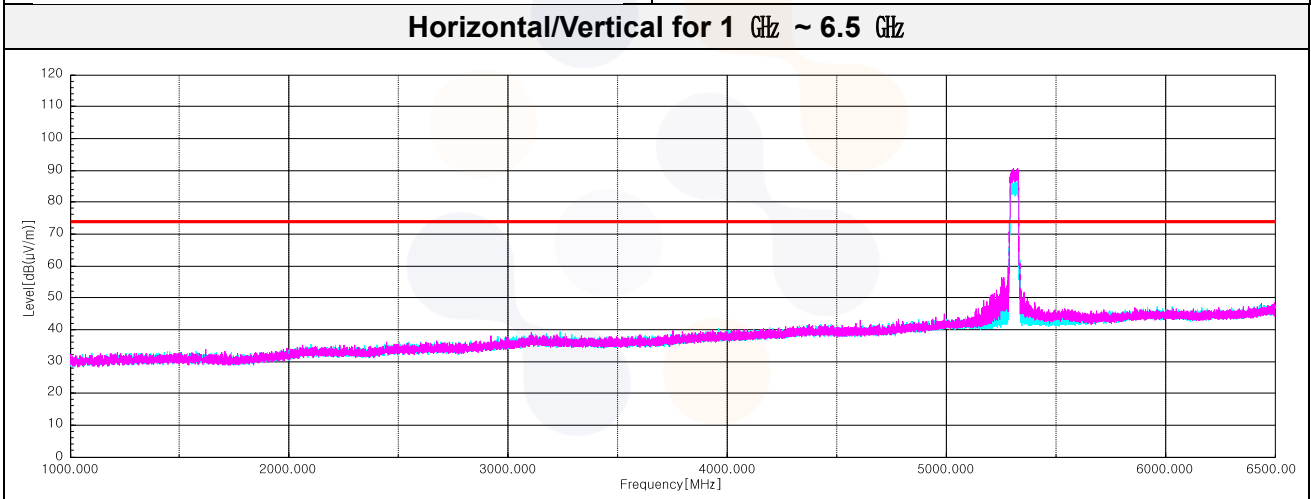
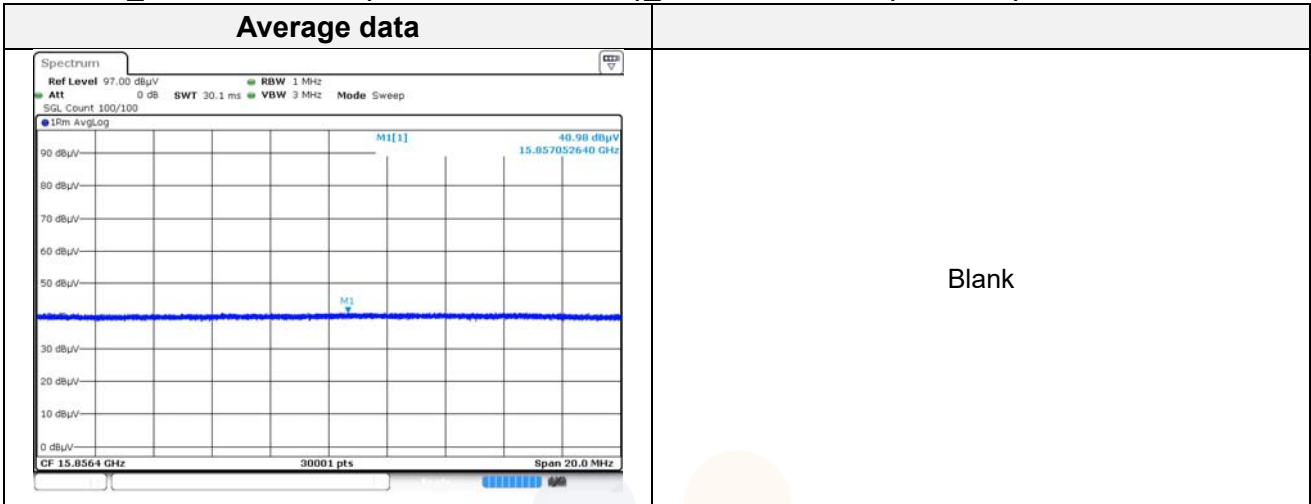
802.11ax_HE80 RU mode (484T / RU offset 66)_Middle Channel (5 290 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 552.98 | V | 53.20 | 38.61 | -42.50 | - | 49.31 | 68.20 | 18.89 |
| 15 856.40 ¹⁾ | H | 52.20 | 38.20 | -39.32 | - | 51.08 | 74.00 | 22.92 |
| Average Data | | | | | | | | |
| 15 856.40 ¹⁾ | H | 40.98 | 38.20 | -39.32 | 1.24 | 41.10 | 54.00 | 12.90 |

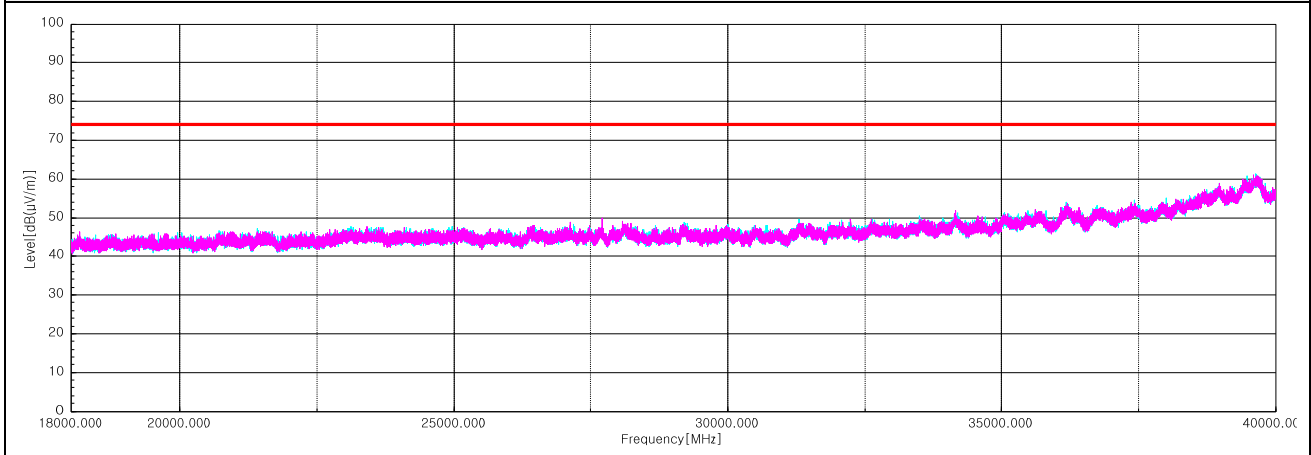
Plot of Harmonics and Spurious Emissions

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE80 RU mode (484T / RU offset 66)_Middle Channel (5 290 MHz)



Horizontal/Vertical for 18 GHz ~ 40 GHz



UNII-2C 2Tx (MIMO) Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Lowest Channel (5 500 MHz)

| Frequency (MHz) | Pol. (V/H) | Reading (dB(μ V)) | Ant. Factor (dB) | Amp.+Cable (dB) | DCF (dB) | Result (dB(μ V/m)) | Limit (dB(μ V/m)) | Margin (dB) |
|---|---------------|---------------------------|---------------------|--------------------|-------------|----------------------------|---------------------------|----------------|
| Peak data | | | | | | | | |
| 10 974.65 ¹⁾ | V | 52.00 | 38.45 | -41.94 | - | 48.51 | 74.00 | 25.49 |
| 16 503.08 | H | 50.70 | 38.40 | -38.23 | - | 50.87 | 68.20 | 17.33 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Middle Channel (5 600 MHz)

| Frequency (MHz) | Pol. (V/H) | Reading (dB(μ V)) | Ant. Factor (dB) | Amp.+Cable (dB) | DCF (dB) | Result (dB(μ V/m)) | Limit (dB(μ V/m)) | Margin (dB) |
|---|---------------|---------------------------|---------------------|--------------------|-------------|----------------------------|---------------------------|----------------|
| Peak data | | | | | | | | |
| 11 173.22 ¹⁾ | V | 51.80 | 38.40 | -42.02 | - | 48.18 | 74.00 | 25.82 |
| 16 756.47 | V | 50.50 | 38.30 | -38.20 | - | 50.60 | 68.20 | 17.60 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Highest Channel (5 700 MHz)

| Frequency (MHz) | Pol. (V/H) | Reading (dB(μ V)) | Ant. Factor (dB) | Amp.+Cable (dB) | DCF (dB) | Result (dB(μ V/m)) | Limit (dB(μ V/m)) | Margin (dB) |
|---|---------------|---------------------------|---------------------|--------------------|-------------|----------------------------|---------------------------|----------------|
| Peak data | | | | | | | | |
| 11 377.15 ¹⁾ | H | 52.20 | 38.75 | -42.14 | - | 48.81 | 74.00 | 25.19 |
| 17 099.93 | H | 49.80 | 38.10 | -37.45 | - | 50.45 | 68.20 | 17.75 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Lowest Channel (5 510 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 022.57 ¹⁾ | V | 52.10 | 38.35 | -41.93 | - | 48.52 | 74.00 | 25.48 |
| 16 480.85 | H | 50.50 | 38.40 | -38.25 | - | 50.65 | 68.20 | 17.55 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Middle Channel (5 590 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 044.42 ¹⁾ | H | 52.40 | 38.31 | -41.95 | - | 48.76 | 74.00 | 25.24 |
| 16 750.72 | H | 50.30 | 38.30 | -38.22 | - | 50.38 | 68.20 | 17.82 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Highest Channel (5 670 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 407.05 ¹⁾ | H | 52.50 | 38.70 | -42.15 | - | 49.05 | 74.00 | 24.95 |
| 17 006.40 | V | 50.60 | 37.90 | -37.60 | - | 50.90 | 68.20 | 17.30 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 SU mode_Lowest Channel (5 530 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 020.27 ¹⁾ | H | 52.20 | 38.36 | -41.93 | - | 48.63 | 74.00 | 25.37 |
| 16 599.68 | V | 51.20 | 38.40 | -38.23 | - | 51.37 | 68.20 | 16.83 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 SU mode_Highest Channel (5 610 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 296.65 ¹⁾ | V | 53.10 | 38.59 | -42.09 | - | 49.60 | 74.00 | 24.40 |
| 16 839.27 | H | 51.00 | 38.12 | -38.00 | - | 51.12 | 68.20 | 17.08 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 500 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 045.95 ¹⁾ | V | 52.80 | 38.31 | -41.95 | - | 49.16 | 74.00 | 24.84 |
| 16 592.40 | V | 50.60 | 38.40 | -38.23 | - | 50.77 | 68.20 | 17.43 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (52T / RU offset 37)_Middle Channel (5 600 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 214.23 ¹⁾ | H | 52.50 | 38.40 | -42.05 | - | 48.85 | 74.00 | 25.15 |
| 16 759.53 | V | 50.10 | 38.30 | -38.20 | - | 50.20 | 68.20 | 18.00 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (26T / RU offset 0)_Highest Channel (5 700 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 394.40 ¹⁾ | H | 53.10 | 38.79 | -42.15 | - | 49.74 | 74.00 | 24.26 |
| 17 122.93 | V | 50.30 | 38.00 | -37.42 | - | 50.88 | 68.20 | 17.32 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (106T / RU offset 54)_Lowest Channel (5 510 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 10 966.22 ¹⁾ | V | 52.80 | 38.47 | -41.95 | - | 49.32 | 74.00 | 24.68 |
| 16 534.13 | V | 52.00 | 38.40 | -38.23 | - | 52.17 | 68.20 | 16.03 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (106T / RU offset 53)_Middle Channel (5 590 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 788.85 ¹⁾ | V | 53.00 | 38.20 | -41.40 | - | 49.80 | 74.00 | 24.20 |
| 16 729.63 | V | 52.50 | 38.24 | -38.22 | - | 52.52 | 68.20 | 15.68 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (242T / RU offset 61)_Lowest Channel (5 670 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 303.17 ¹⁾ | H | 53.10 | 38.61 | -42.10 | - | 49.61 | 74.00 | 24.39 |
| 17 078.08 | H | 50.90 | 38.06 | -37.49 | - | 51.47 | 68.20 | 16.73 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 RU mode (484T / RU offset 66)_Lowest Channel (5 530 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 044.80 ¹⁾ | H | 52.90 | 38.31 | -41.95 | - | 49.26 | 74.00 | 24.74 |
| 16 569.78 | H | 52.00 | 38.40 | -38.23 | - | 52.17 | 68.20 | 16.03 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 RU mode (484T / RU offset 66)_Highest Channel (5 610 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 238.77 ¹⁾ | H | 53.30 | 38.40 | -42.06 | - | 49.64 | 74.00 | 24.36 |
| 16 811.28 | H | 50.50 | 38.18 | -38.07 | - | 50.61 | 68.20 | 17.59 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

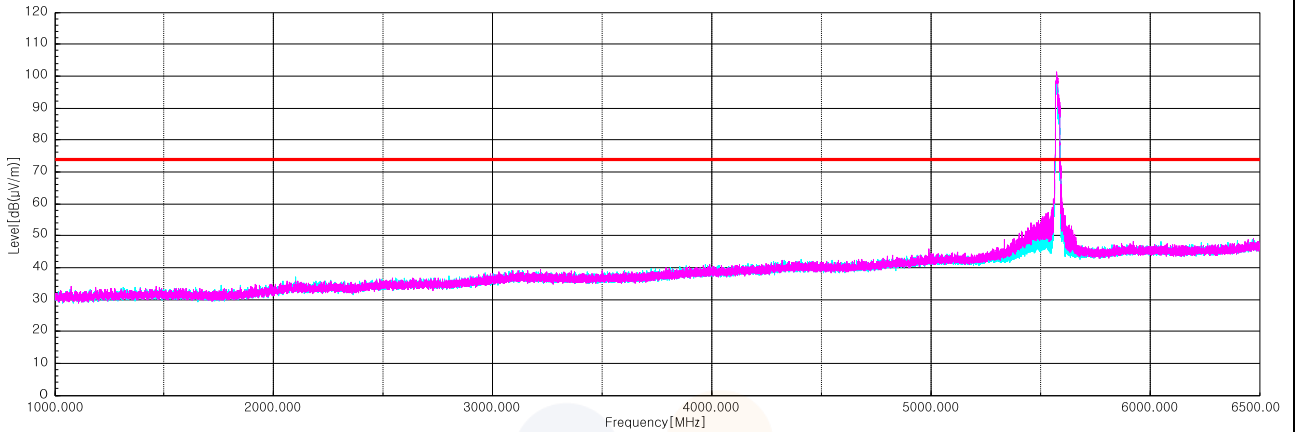


Plot of Harmonics and Spurious Emissions

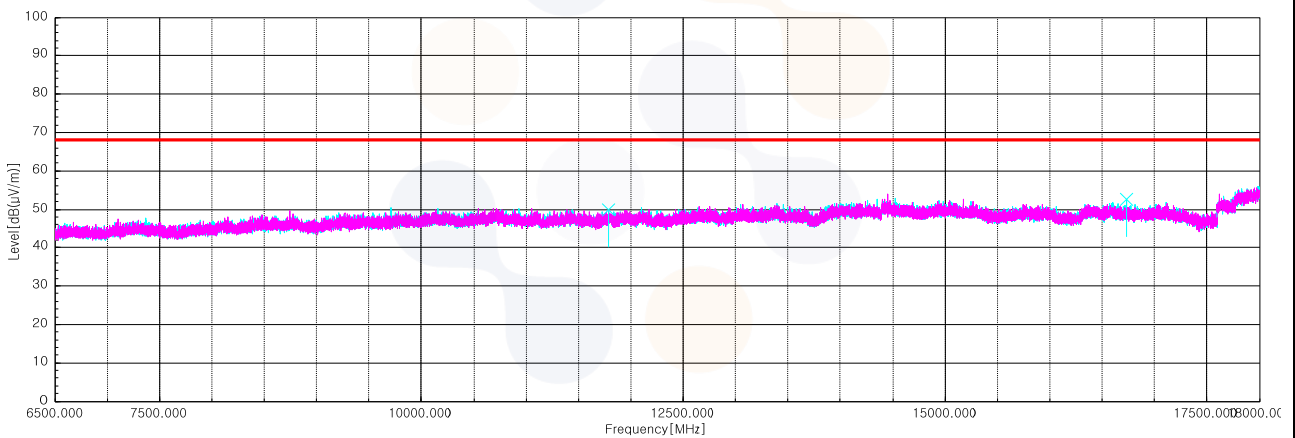
In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE40 RU mode (106T / RU offset 53)_Middle Channel (5 590 MHz)

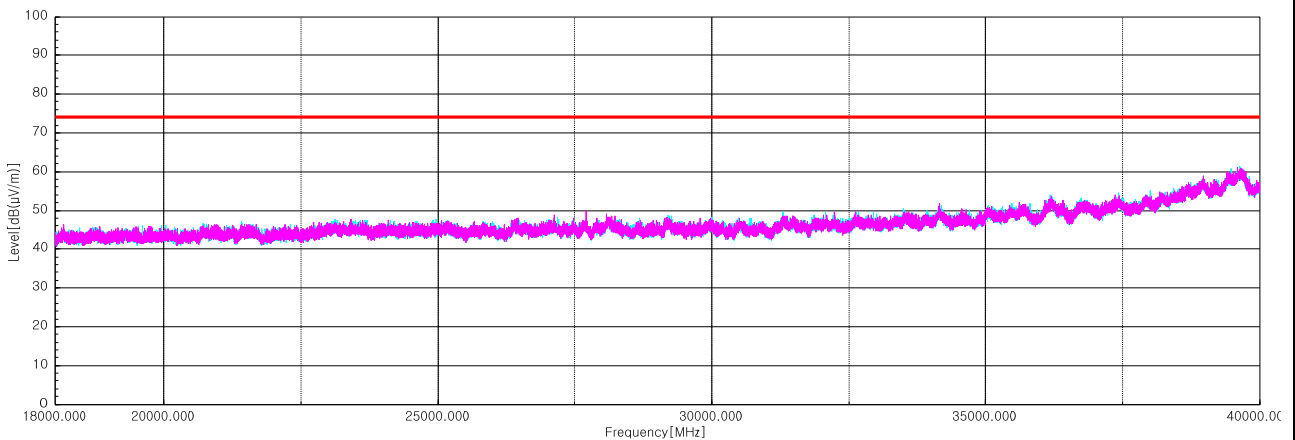
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



UNII-2C&3 Straddle Channel 2Tx (MIMO) Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Middle Channel (5 720 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 497.90 ¹⁾ | H | 52.40 | 38.70 | -42.20 | - | 48.90 | 74.00 | 25.10 |
| 17 130.60 ¹⁾ | V | 50.00 | 38.00 | -37.41 | - | 50.59 | 68.20 | 17.61 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Middle Channel (5 710 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 380.98 ¹⁾ | H | 52.50 | 38.76 | -42.14 | - | 49.12 | 74.00 | 24.88 |
| 17 170.85 ¹⁾ | H | 49.90 | 37.86 | -37.34 | - | 50.42 | 68.20 | 17.78 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 SU mode_Middle Channel (5 690 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 331.53 ¹⁾ | H | 52.70 | 38.66 | -42.11 | - | 49.25 | 74.00 | 24.75 |
| 17 036.68 ¹⁾ | V | 51.20 | 37.90 | -37.55 | - | 51.55 | 68.20 | 16.65 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 720 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz) | (V/H) | (dB(μ V)) | (dB) | (dB) | (dB) | (dB(μ V/m)) | (dB(μ V/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 498.67 ¹⁾ | V | 53.30 | 38.70 | -42.20 | - | 49.80 | 74.00 | 24.20 |
| 17 127.15 ¹⁾ | V | 50.90 | 38.00 | -37.41 | - | 51.49 | 68.20 | 16.71 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (106T / RU offset 54)_ Middle Channel (5 710 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 399.77 ¹⁾ | V | 53.20 | 38.80 | -42.15 | - | 49.85 | 74.00 | 24.15 |
| 17 149.00 ¹⁾ | V | 51.70 | 38.00 | -37.38 | - | 52.32 | 68.20 | 15.88 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 RU mode (242T / RU offset 64)_ Middle Channel (5 690 MHz)

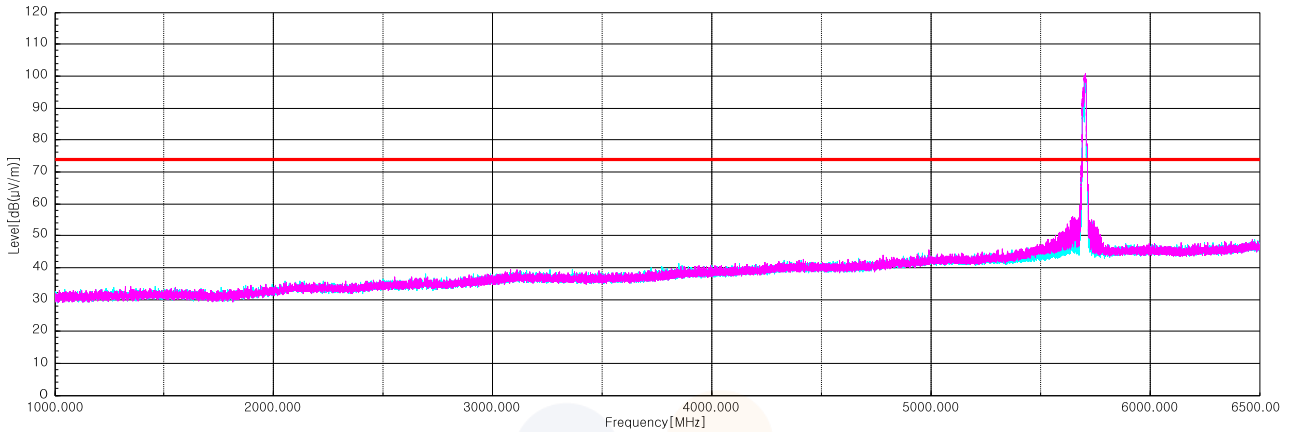
| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 380.22 ¹⁾ | V | 52.80 | 38.76 | -42.14 | - | 49.42 | 74.00 | 24.58 |
| 17 118.33 ¹⁾ | H | 50.70 | 38.00 | -37.43 | - | 51.27 | 68.20 | 16.93 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

Plot of Harmonics and Spurious Emissions

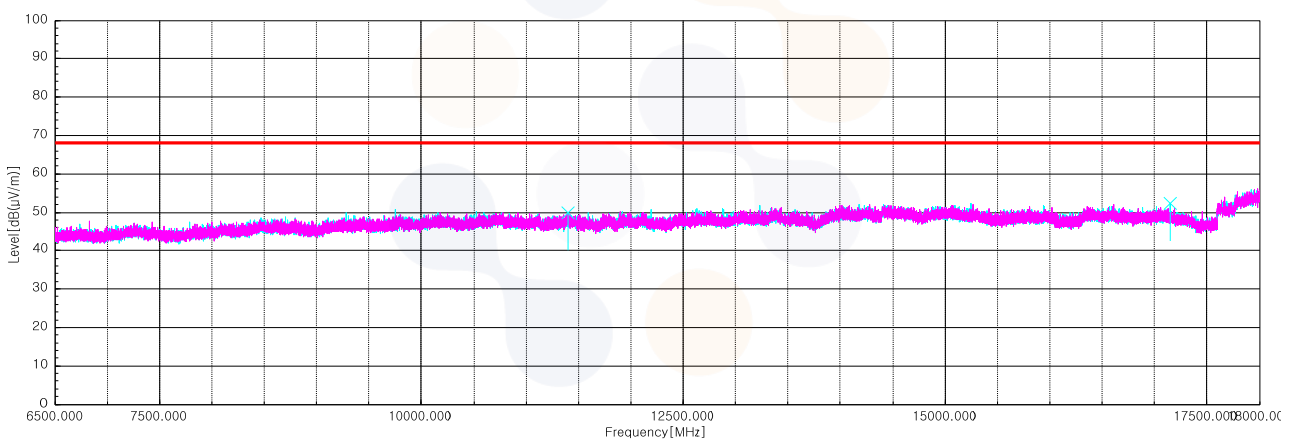
In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE40 RU mode (106T / RU offset 54)_Middle Channel (5 710 MHz)

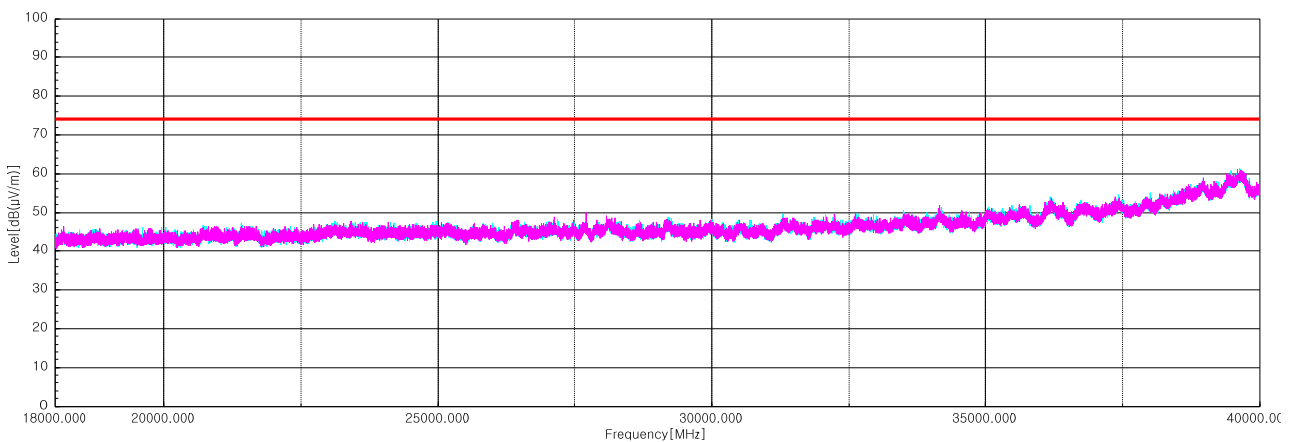
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



UNII-3 2Tx (MIMO) Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Lowest Channel (5 745 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|-----------------|-------------|------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 11 491.77 ¹⁾ | V | 52.30 | 38.70 | -42.20 | - | 48.80 | 74.00 | 25.20 |
| 17 260.17 | H | 49.60 | 38.22 | -37.22 | - | 50.60 | 68.20 | 17.60 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Middle Channel (5 785 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|-----------------|-------------|------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 11 607.15 ¹⁾ | H | 51.40 | 38.39 | -41.88 | - | 47.91 | 74.00 | 26.09 |
| 17 299.65 | H | 48.90 | 38.30 | -37.24 | - | 49.96 | 68.20 | 18.24 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 SU mode_Highest Channel (5 825 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|-----------------|-------------|------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 11 690.33 ¹⁾ | H | 51.90 | 38.22 | -41.64 | - | 48.48 | 74.00 | 25.52 |
| 17 499.37 | V | 46.80 | 39.40 | -37.34 | - | 48.86 | 68.20 | 19.34 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Lowest Channel (5 755 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|-----------------|-------------|------------|------|-------------------|-------------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB($\mu V/m$)) | (dB($\mu V/m$)) | (dB) |
| Peak data | | | | | | | | |
| 11 469.15 ¹⁾ | H | 51.80 | 38.70 | -42.18 | - | 48.32 | 74.00 | 25.68 |
| 17 231.80 | V | 49.00 | 38.23 | -37.25 | - | 49.98 | 68.20 | 18.22 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 SU mode_Highest Channel (5 795 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 610.22 ¹⁾ | V | 51.80 | 38.38 | -41.87 | - | 48.31 | 74.00 | 25.69 |
| 17 371.72 | H | 48.10 | 38.73 | -37.28 | - | 49.55 | 68.20 | 18.65 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 SU mode_Middle Channel (5 775 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 579.93 ¹⁾ | V | 51.80 | 38.44 | -41.96 | - | 48.28 | 74.00 | 25.72 |
| 17 329.17 | V | 48.40 | 38.36 | -37.26 | - | 49.50 | 68.20 | 18.70 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 745 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 538.15 ¹⁾ | V | 51.70 | 38.52 | -42.09 | - | 48.13 | 74.00 | 25.87 |
| 17 215.70 | H | 48.90 | 38.16 | -37.27 | - | 49.79 | 68.20 | 18.41 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (52T / RU offset 37)_Middle Channel (5 785 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 546.97 ¹⁾ | V | 53.30 | 38.51 | -42.06 | - | 49.75 | 74.00 | 24.25 |
| 17 335.30 | V | 49.10 | 38.37 | -37.26 | - | 50.21 | 68.20 | 17.99 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE20 RU mode (106T / RU offset 54)_ Middle Channel (5 825 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 614.43 ¹⁾ | H | 53.80 | 38.37 | -41.86 | - | 50.31 | 74.00 | 23.69 |
| 17 456.43 | V | 47.90 | 39.14 | -37.32 | - | 49.72 | 68.20 | 18.48 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (52T / RU offset 37)_ Highest Channel (5 755 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 464.17 ¹⁾ | H | 52.90 | 38.70 | -42.18 | - | 49.42 | 74.00 | 24.58 |
| 17 216.08 | V | 49.90 | 38.16 | -37.27 | - | 50.79 | 68.20 | 17.41 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE40 RU mode (26T / RU offset 9)_ Highest Channel (5 795 MHz)

| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 564.22 ¹⁾ | V | 52.70 | 38.47 | -42.01 | - | 49.16 | 74.00 | 24.84 |
| 17 375.17 | H | 47.70 | 38.75 | -37.28 | - | 49.17 | 68.20 | 19.03 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

802.11ax_HE80 RU mode (242T / RU offset 64)_ Middle Channel (5 775 MHz)

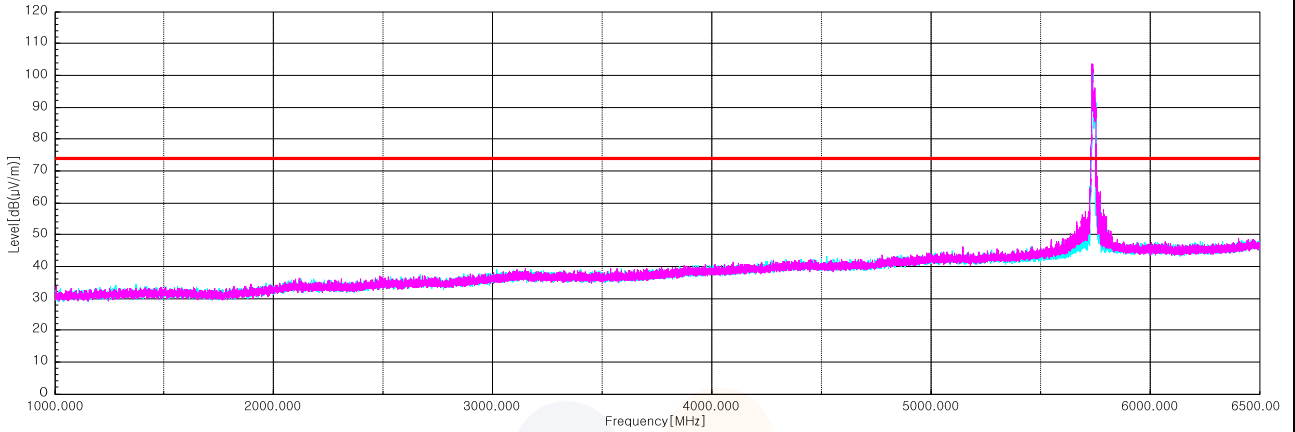
| Frequency | Pol. | Reading | Ant. Factor | Amp.+Cable | DCF | Result | Limit | Margin |
|---|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz) | (V/H) | (dB(μV)) | (dB) | (dB) | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB) |
| Peak data | | | | | | | | |
| 11 572.27 ¹⁾ | V | 52.60 | 38.46 | -41.99 | - | 49.07 | 74.00 | 24.93 |
| 17 323.80 | V | 49.20 | 38.35 | -37.26 | - | 50.29 | 68.20 | 17.91 |
| Average Data | | | | | | | | |
| No spurious emissions were detected within 20 dB of the limit | | | | | | | | |

Plot of Harmonics and Spurious Emissions

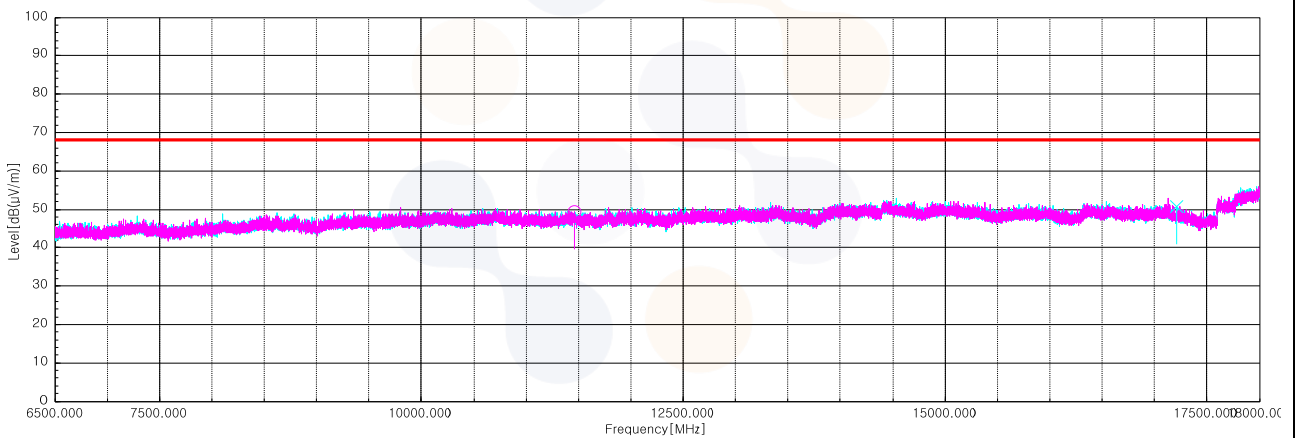
In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE40 RU mode (52T / RU offset 37)_Highest Channel (5 755 MHz)

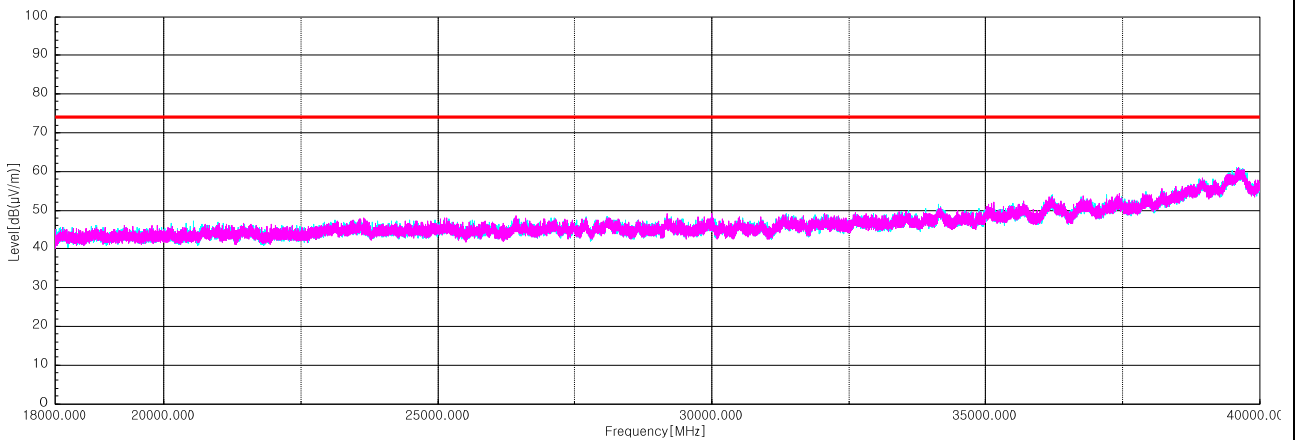
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



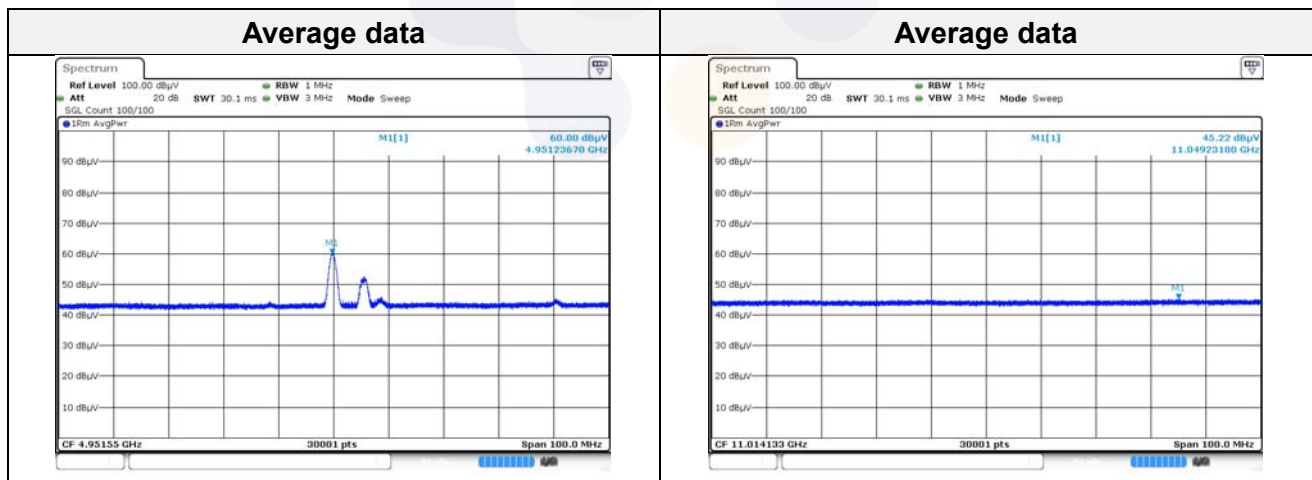
Spurious Emission for Simultaneous Tx Condition

| Case | Bluetooth | All antenna 5 GHz WLAN |
|-----------|-----------|---------------------------|
| Mode | EDR | ax80 |
| Channel | 78 | 106 |
| Frequency | 2 480 | 5 530 |
| Data Rate | 3DH-1 | HE0 |
| T.O | - | SU |

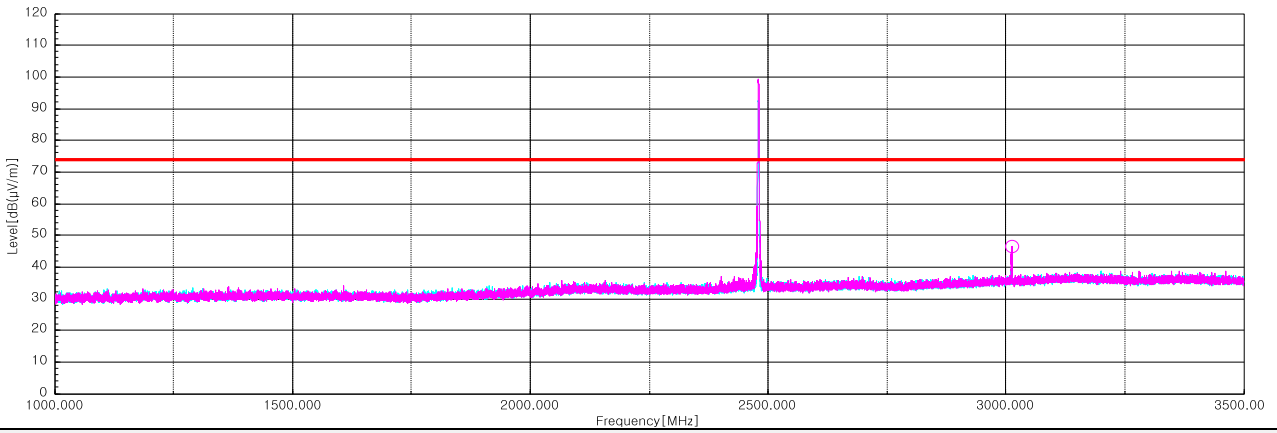
Notes.

The lowest margin condition among the channels and modes were selected for test.

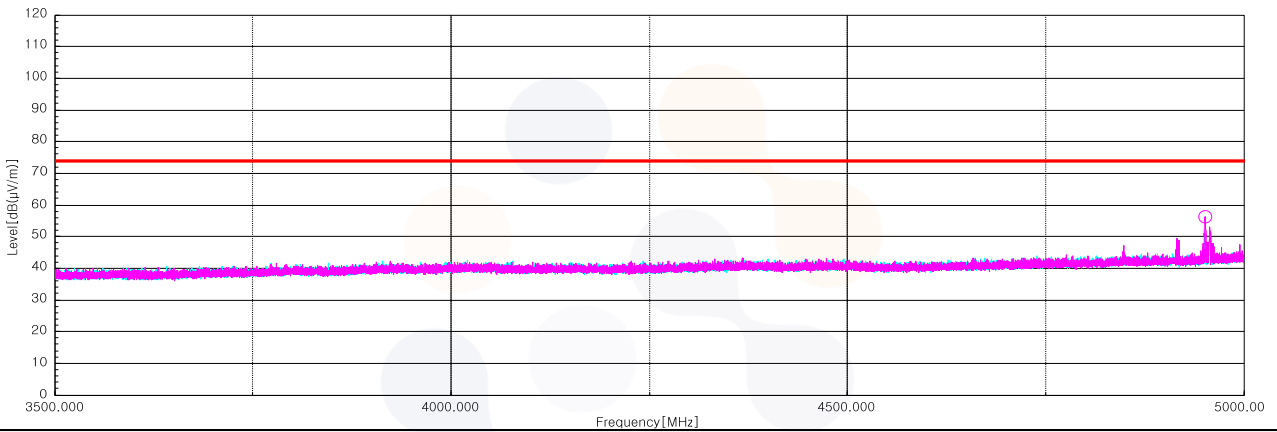
| Frequency (MHz) | Pol. (V/H) | Reading (dB(μV)) | Ant. Factor (dB) | Amp.+Cable (dB) | DCF (dB) | Result (dB(μV/m)) | Limit (dB(μV/m)) | Margin (dB) |
|-------------------------|---------------|---------------------|---------------------|--------------------|-------------|----------------------|---------------------|----------------|
| Peak data | | | | | | | | |
| 3 012.33 | H | 64.10 | 29.12 | -46.64 | - | 46.58 | 74.00 | 27.42 |
| 4 951.24 ¹⁾ | H | 66.10 | 32.60 | -42.91 | - | 55.79 | 74.00 | 18.21 |
| 7 462.17 ¹⁾ | H | 54.30 | 36.15 | -41.19 | - | 49.26 | 74.00 | 24.74 |
| 11 049.23 ¹⁾ | V | 56.20 | 38.30 | -41.95 | - | 52.55 | 74.00 | 21.45 |
| 16 565.18 | V | 58.40 | 38.40 | -38.23 | - | 58.57 | 74.00 | 15.43 |
| Average data | | | | | | | | |
| 4 951.24 ¹⁾ | H | 60.00 | 32.60 | -42.91 | - | 49.69 | 54.00 | 4.31 |
| 11 049.23 ¹⁾ | V | 45.22 | 38.30 | -41.95 | 1.33 | 42.90 | 54.00 | 11.10 |



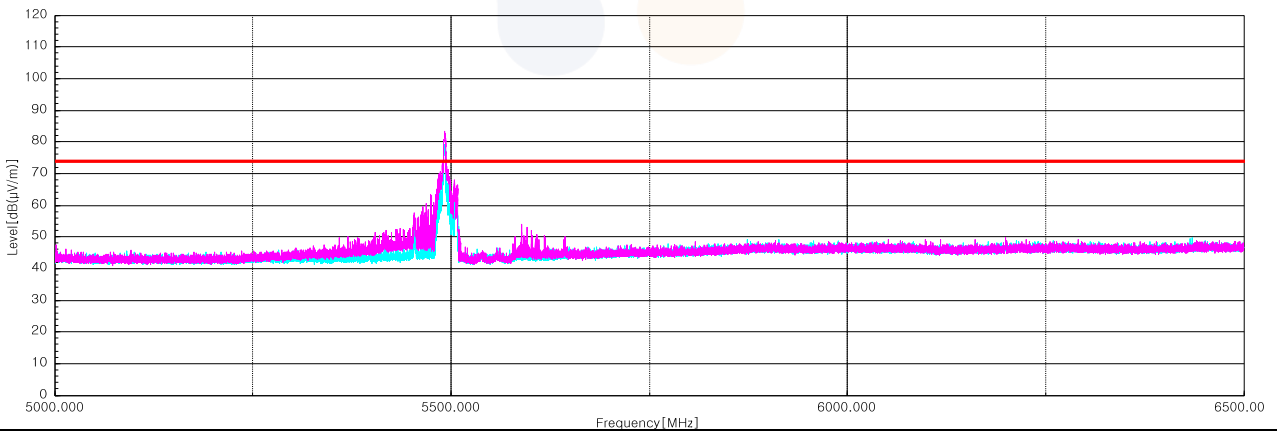
Horizontal/Vertical for 1 GHz ~ 3.5 GHz



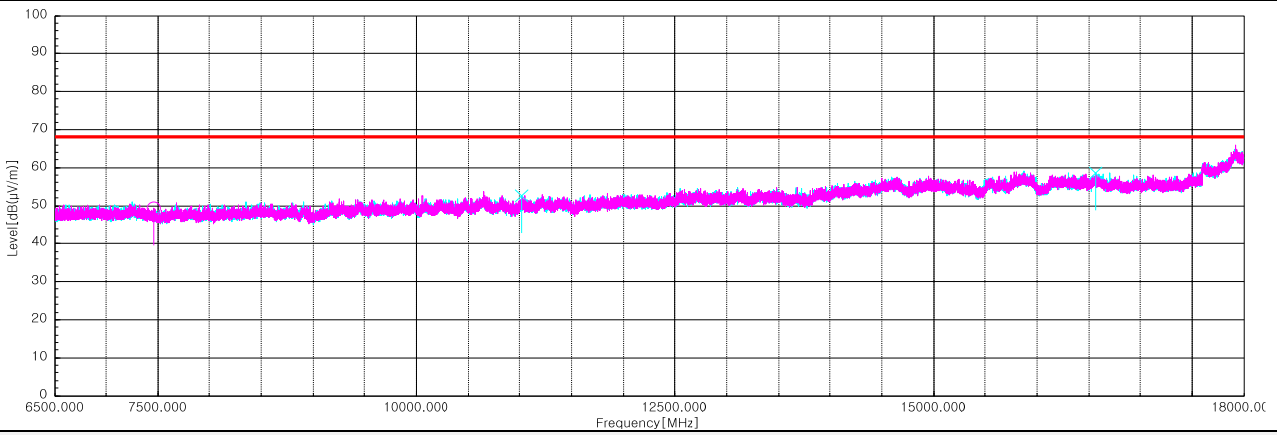
Horizontal/Vertical for 3.5 GHz ~ 5 GHz



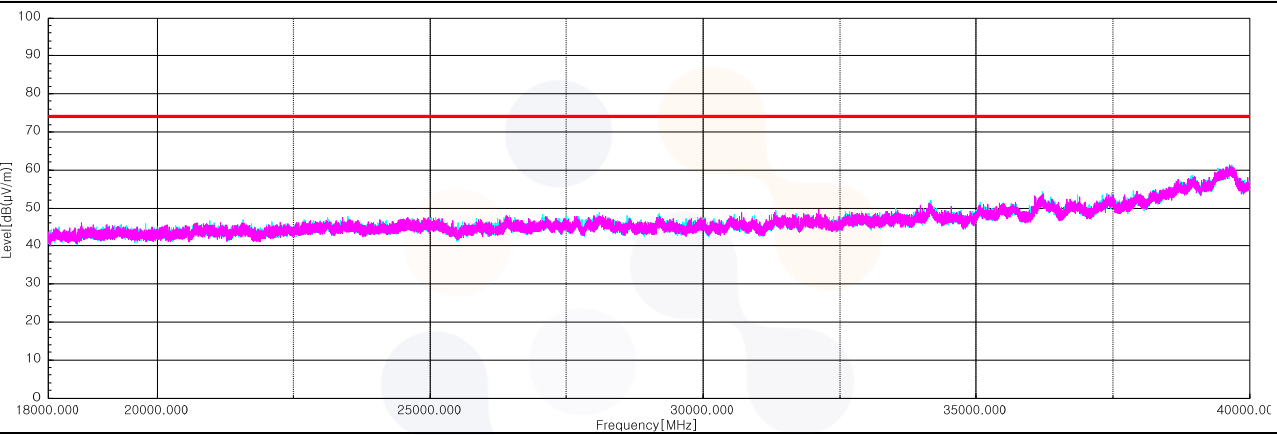
Horizontal/Vertical for 5 GHz ~ 6.5 GHz



Horizontal/Vertical fo 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



8. Measurement equipment

| Equipment Name | Manufacturer | Model No. | Serial No. | Next Cal. Date |
|-------------------------|--------------------------------|--|----------------------------|----------------|
| Spectrum Analyzer | R&S | FSV30 | 100806 | 24.07.03 |
| Spectrum Analyzer | R&S | FSV40 | 100988 | 24.07.03 |
| EMI TEST RECEIVER | R&S | ESC13 | 100001 | 24.08.18 |
| PSA Spectrum Analyzer | Agilent | E4440A | MY44303500 | 24.07.04 |
| Attenuator | API Inmet | 40AH2W-10 | 13 | 24.05.03 |
| Attenuator | R&S | DNF Dämpfungsglied 10 dB in N-50 Ohm | 0002 | 24.04.25 |
| Power Sensor | R&S | NRP-Z81 | 1137.9009.02- 106223-bB | 24.04.25 |
| Vector Signal Generator | R&S | SMBV100A | 257566 | 24.07.04 |
| Signal Generator | R&S | SMB100A | 176206 | 24.01.19 |
| DC Power Supply | AGILENT | E3632A | MY40000265 | 24.04.27 |
| Broadband PreAmplifier | SCHWARZBECK | BBV9718D | 53 | 24.03.17 |
| Low Noise Amplifier | TESTEK | TK-PA18H | 220123-L | 24.10.12* |
| Low Noise Amplifier | TESTEK | TK-PA1840H | 220234-L | 24.10.17* |
| Amplifier | SONOMA INSTRUMENT | 310N | 421910 | 24.10.18* |
| Horn Antenna | SCHWARZBECK | BBHA9120D | 2764 | 24.10.16* |
| Horn Antenna | SCHWARZBECK | BBHA9170 | 1266 | 24.11.17** |
| Bilog Antenna | Teseq GmbH | CBL 6112D | 61521 | 24.08.10 |
| Loop Antenna | R&S | HFH2-Z2 | 100355 | 24.08.10 |
| High Pass Filter | Wainwright Instruments GmbH | WHKX8-5655-6500- 18000-40SS | SN7 | 24.10.16* |
| High Pass Filter | Qotana | DBHF058004000A | 23041800061 | 24.07.10 |
| Band Reject Filter | Wainwright Instruments GmbH | WTRCJV8-5100- 5850-20-100-50SSK | 62 | 24.10.13* |
| TWO-LINE V - NETWORK | R&S | ENV216 | 101358 | 24.09.27* |
| Controller | INNCO SYSTEMS | CO3000 | 1441/54370322/P | - |
| Antenna Mast | INNCO SYSTEMS | MA4640-XP-ET | - | - |
| Turn Device | INNCO SYSTEMS | DS1200-S-1t | - | - |

* Tests related to this equipment were progressed after the calibration was completed.

**This equipment was calibrated during the test period, and was used before calibration.

End of test report