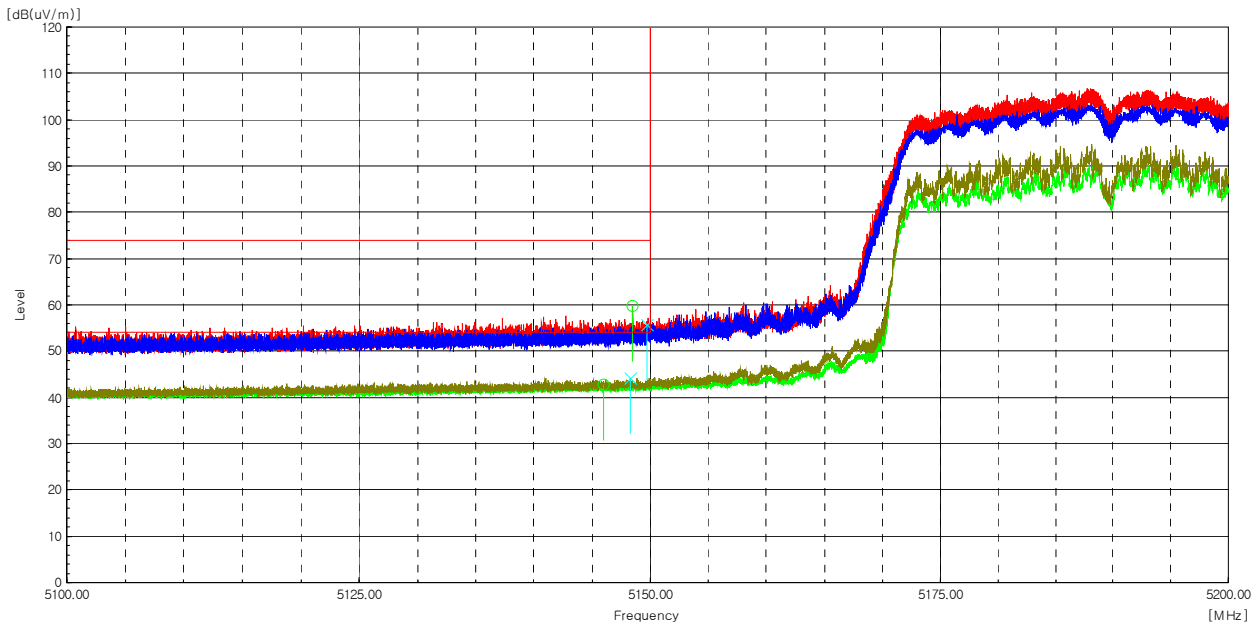


| | |
|----------------------------|--------------|
| Worst Case Mode : | 802.11n_HT40 |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 190 MHz |
| Channel : | 38 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 148.51 | H | 57.0 | 2.6 | ----- | 59.6 | ----- | 74.0 | ----- | 14.4 | ----- | Peak |
| 5 146.01 | H | 40.2 | 2.6 | 0.3 | ----- | 43.1 | ----- | 54.0 | ----- | 10.9 | Average |
| 5 149.67 | V | 53.1 | 2.6 | ----- | 55.7 | ----- | 74.0 | ----- | 18.3 | ----- | Peak |
| 5 148.31 | V | 41.6 | 2.6 | 0.3 | ----- | 44.5 | ----- | 54.0 | ----- | 9.5 | Average |

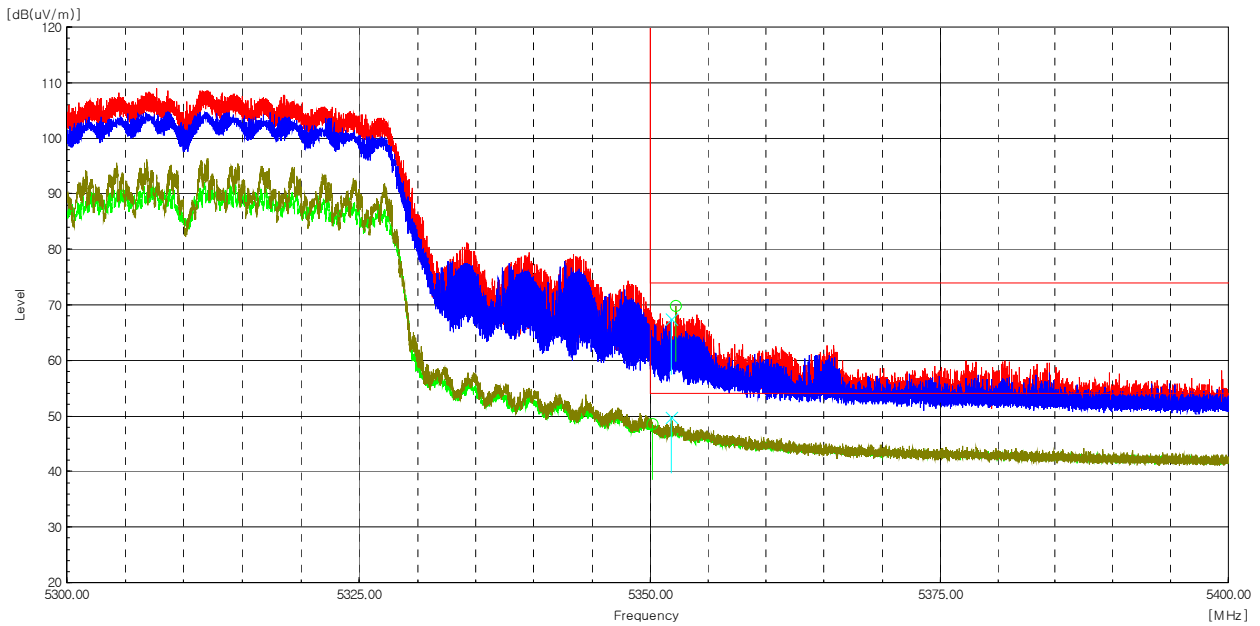
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------|
| Worst Case Mode : | 802.11n_HT40 |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 310 MHz |
| Channel : | 62 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 352.22 | H | 66.7 | 3.2 | ----- | 69.9 | ----- | 74.0 | ----- | 4.1 | ----- | Peak |
| 5 350.19 | H | 45.3 | 3.2 | 0.3 | ----- | 48.8 | ----- | 54.0 | ----- | 5.2 | Average |
| 5 351.84 | V | 64.3 | 3.2 | ----- | 67.5 | ----- | 74.0 | ----- | 6.5 | ----- | Peak |
| 5 351.82 | V | 46.4 | 3.2 | 0.3 | ----- | 49.9 | ----- | 54.0 | ----- | 4.1 | Average |

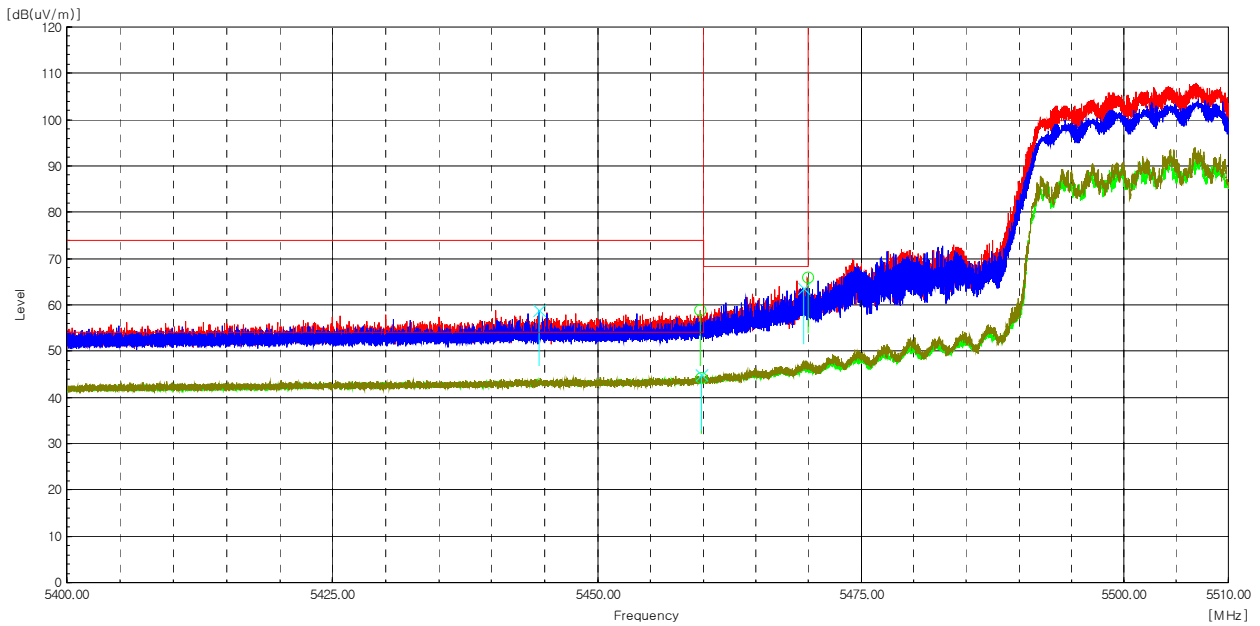
Radiated Restricted Band Edge Plot



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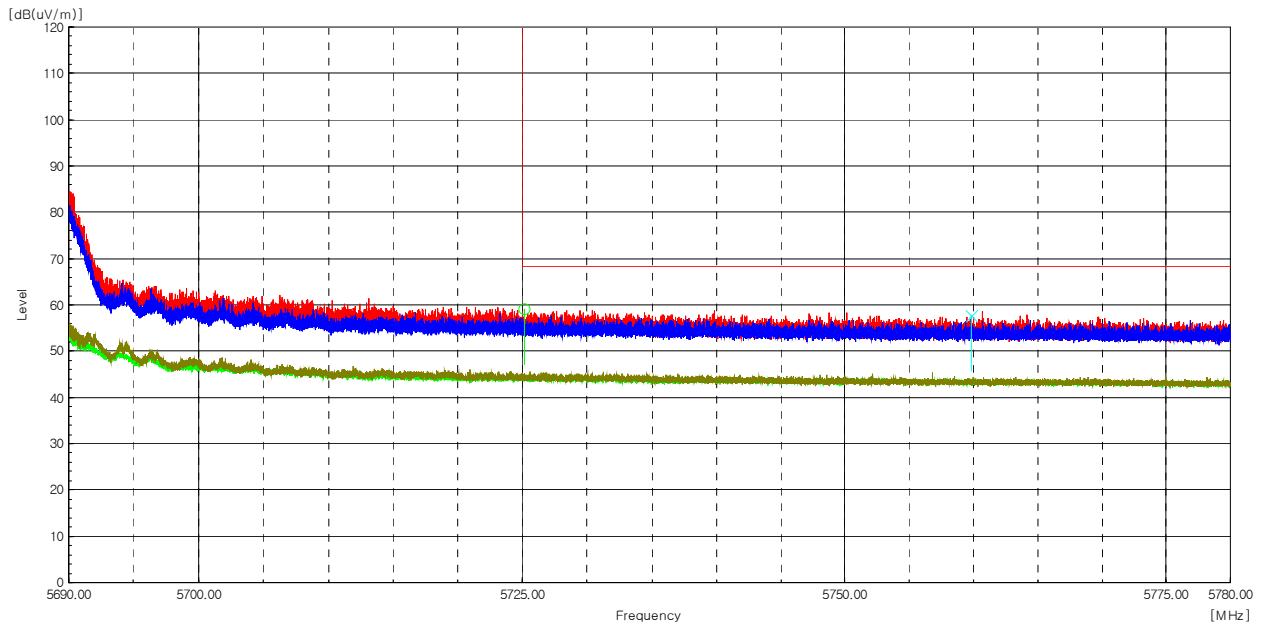
| | |
|----------------------------|--------------|
| Worst Case Mode : | 802.11n_HT40 |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 510 MHz |
| Channel : | 102 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 459.70 | H | 55.2 | 3.6 | ----- | 58.8 | ----- | 74.0 | ----- | 15.2 | ----- | Peak |
| 5 459.82 | H | 40.7 | 3.6 | 0.3 | ----- | 44.6 | ----- | 54.0 | ----- | 9.4 | Average |
| 5 444.51 | V | 55.2 | 3.6 | ----- | 58.8 | ----- | 74.0 | ----- | 15.2 | ----- | Peak |
| 5 459.79 | V | 41.2 | 3.6 | 0.3 | ----- | 45.1 | ----- | 54.0 | ----- | 8.9 | Average |
| 5 469.92 | H | 62.3 | 3.7 | ----- | 66.0 | ----- | 68.2 | ----- | 2.2 | ----- | Peak |
| 5 469.50 | V | 59.9 | 3.7 | ----- | 63.6 | ----- | 68.2 | ----- | 4.6 | ----- | Peak |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|--------------|
| Worst Case Mode : | 802.11n_HT40 |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 670 MHz |
| Channel : | 134 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 725.17 | H | 54.9 | 4.2 | ----- | 59.1 | ----- | 68.2 | ----- | 9.1 | ----- | Peak |
| 5 759.83 | V | 53.2 | 4.5 | ----- | 57.7 | ----- | 68.2 | ----- | 10.5 | ----- | Peak |

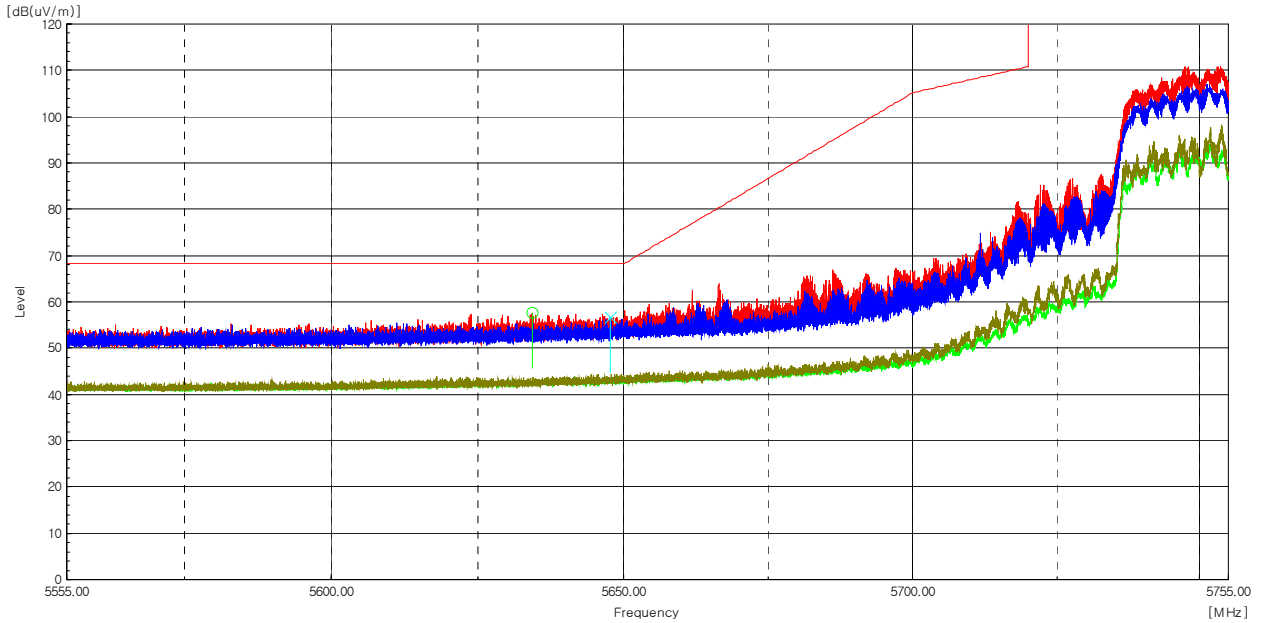
Radiated Restricted Band Edge Plot



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 CTK-2023-01326
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| | |
|----------------------------|--------------|
| Worst Case Mode : | 802.11n_HT40 |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 755 MHz |
| Channel : | 151 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 634.34 | H | 53.6 | 4.1 | ----- | 57.7 | ----- | 68.2 | ----- | 10.5 | ----- | Peak |
| 5 647.65 | V | 52.5 | 4.1 | ----- | 56.6 | ----- | 68.2 | ----- | 11.6 | ----- | Peak |

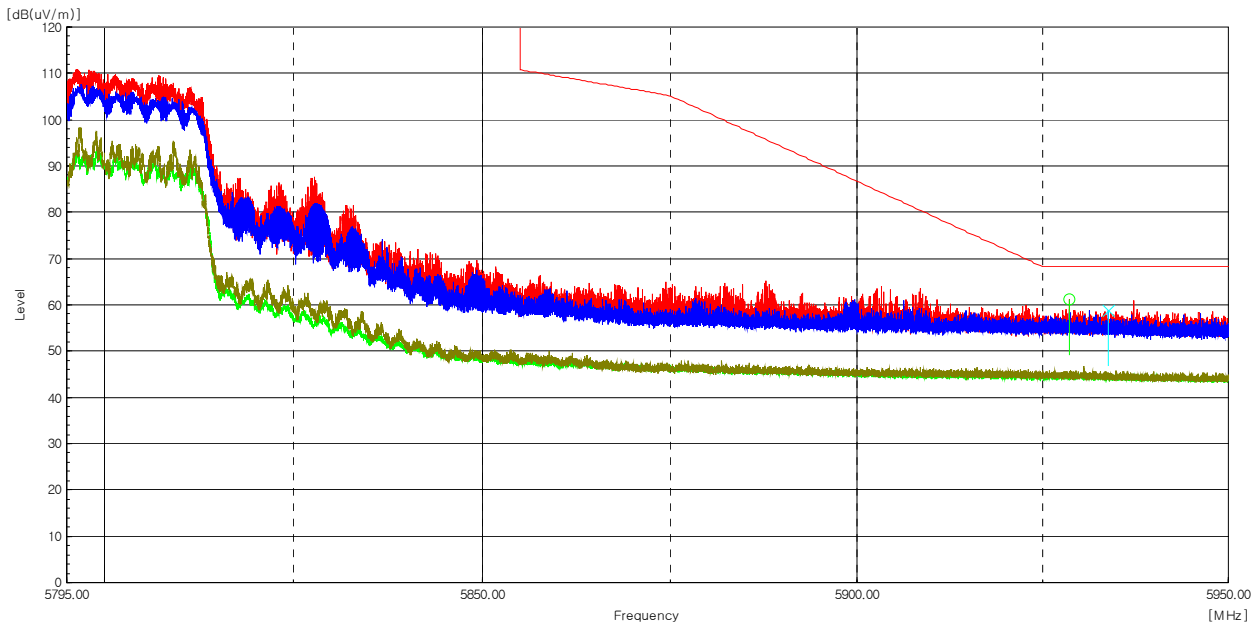
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------|
| Worst Case Mode : | 802.11n_HT40 |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 795 MHz |
| Channel : | 159 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 928.61 | H | 56.3 | 5.0 | ----- | 61.3 | ----- | 68.2 | ----- | 6.9 | ----- | Peak |
| 5 933.83 | V | 54.0 | 4.9 | ----- | 58.9 | ----- | 68.2 | ----- | 9.3 | ----- | Peak |

Radiated Restricted Band Edge Plot



Test mode : Transmitter, 802.11ac_VHT40

The requirements are:
 Complies

Test Data

Ch.38(5 190 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 10 378.62 | H | 46.9 | 11.3 | ----- | 58.2 | ----- | 68.2 | ----- | 10.0 | ----- | Peak |
| 10 386.82 | V | 44.9 | 11.3 | ----- | 56.2 | ----- | 68.2 | ----- | 12.0 | ----- | Peak |

Ch.46(5 230 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 10 468.10 | H | 45.3 | 11.6 | ----- | 56.9 | ----- | 68.2 | ----- | 11.3 | ----- | Peak |
| 10 466.20 | V | 44.3 | 11.6 | ----- | 55.9 | ----- | 68.2 | ----- | 12.3 | ----- | Peak |

Ch.54(5 270 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 10 541.60 | H | 44.8 | 11.7 | ----- | 56.5 | ----- | 68.2 | ----- | 11.7 | ----- | Peak |
| 10 534.87 | V | 43.7 | 11.7 | ----- | 55.4 | ----- | 68.2 | ----- | 12.8 | ----- | Peak |

Ch.62(5 310 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 10 621.22 | H | 44.4 | 11.8 | ----- | 56.2 | ----- | 74.0 | ----- | 17.8 | ----- | Peak |
| 10 609.29 | H | 32.9 | 11.8 | 0.5 | ----- | 45.2 | ----- | 54.0 | ----- | 8.8 | Average |
| 10 613.33 | V | 43.3 | 11.8 | ----- | 55.1 | ----- | 74.0 | ----- | 18.9 | ----- | Peak |
| 10 615.11 | V | 32.3 | 11.8 | 0.5 | ----- | 44.6 | ----- | 54.0 | ----- | 9.4 | Average |



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Ch.102(5 510 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 025.16 | H | 45.0 | 12.2 | ----- | 57.2 | ----- | 74.0 | ----- | 16.8 | ----- | Peak |
| 11 027.24 | H | 33.1 | 12.2 | 0.5 | ----- | 45.8 | ----- | 54.0 | ----- | 8.2 | Average |
| 11 040.22 | V | 43.1 | 12.2 | ----- | 55.3 | ----- | 74.0 | ----- | 18.7 | ----- | Peak |
| 11 032.32 | V | 31.8 | 12.2 | 0.5 | ----- | 44.5 | ----- | 54.0 | ----- | 9.5 | Average |

Ch.118(5 590 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 180.13 | H | 44.4 | 12.7 | ----- | 57.1 | ----- | 74.0 | ----- | 16.9 | ----- | Peak |
| 11 171.25 | H | 33.0 | 12.7 | 0.5 | ----- | 46.2 | ----- | 54.0 | ----- | 7.8 | Average |
| 11 192.79 | V | 42.9 | 12.7 | ----- | 55.6 | ----- | 74.0 | ----- | 18.4 | ----- | Peak |
| 11 172.17 | V | 31.6 | 12.7 | 0.5 | ----- | 44.8 | ----- | 54.0 | ----- | 9.2 | Average |

Ch.134(5 670 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 340.91 | H | 44.3 | 12.1 | ----- | 56.4 | ----- | 74.0 | ----- | 17.6 | ----- | Peak |
| 11 329.28 | H | 32.7 | 12.2 | 0.5 | ----- | 45.4 | ----- | 54.0 | ----- | 8.6 | Average |
| 11 339.44 | V | 43.1 | 12.1 | ----- | 55.2 | ----- | 74.0 | ----- | 18.8 | ----- | Peak |
| 11 347.33 | V | 31.8 | 12.0 | 0.5 | ----- | 44.3 | ----- | 54.0 | ----- | 9.7 | Average |

Ch.142(5 710 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 423.65 | H | 45.7 | 12.6 | ----- | 58.3 | ----- | 74.0 | ----- | 15.7 | ----- | Peak |
| 11 416.00 | H | 33.7 | 12.5 | 0.5 | ----- | 46.7 | ----- | 54.0 | ----- | 7.3 | Average |
| 11 427.75 | V | 44.5 | 12.6 | ----- | 57.1 | ----- | 74.0 | ----- | 16.9 | ----- | Peak |
| 11 442.20 | V | 32.5 | 12.7 | 0.5 | ----- | 45.7 | ----- | 54.0 | ----- | 8.3 | Average |

Ch.151(5 755 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 511.29 | H | 46.6 | 12.6 | ----- | 59.2 | ----- | 74.0 | ----- | 14.8 | ----- | Peak |
| 11 510.86 | H | 33.8 | 12.6 | 0.5 | ----- | 46.9 | ----- | 54.0 | ----- | 7.1 | Average |
| 11 488.46 | V | 43.7 | 12.6 | ----- | 56.3 | ----- | 74.0 | ----- | 17.7 | ----- | Peak |
| 11 518.21 | V | 32.3 | 12.6 | 0.5 | ----- | 45.4 | ----- | 54.0 | ----- | 8.6 | Average |

Ch.159(5 795 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 586.63 | H | 46.3 | 13.0 | ----- | 59.3 | ----- | 74.0 | ----- | 14.7 | ----- | Peak |
| 11 596.06 | H | 33.3 | 13.0 | 0.5 | ----- | 46.8 | ----- | 54.0 | ----- | 7.2 | Average |
| 11 597.83 | V | 43.4 | 13.0 | ----- | 56.4 | ----- | 74.0 | ----- | 17.6 | ----- | Peak |
| 11 591.04 | V | 32.1 | 13.0 | 0.5 | ----- | 45.6 | ----- | 54.0 | ----- | 8.4 | Average |
| 17 389.76 | H | 43.7 | 19.8 | ----- | 63.5 | ----- | 68.2 | ----- | 4.7 | ----- | Peak |
| 17 382.73 | V | 46.3 | 19.8 | ----- | 66.1 | ----- | 68.2 | ----- | 2.1 | ----- | Peak |

Remarks

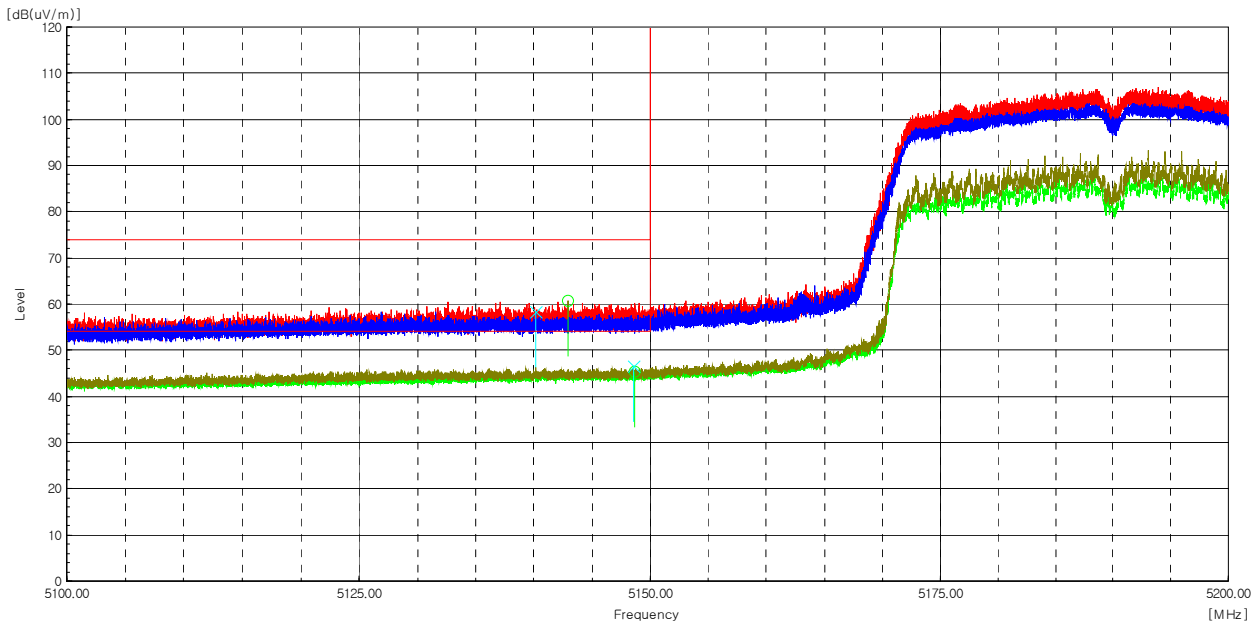
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down positon(X,Y axis). The worst emission was found in lie-down positon(Y axis) and the worst case was recorded.
2. Peak Result = Reading + c.f(Correction factor)
Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain



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| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT40 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 190 MHz |
| Channel : | 38 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 142.93 | H | 58.1 | 2.6 | ----- | 60.7 | ----- | 74.0 | ----- | 13.3 | ----- | Peak |
| 5 148.62 | H | 42.6 | 2.6 | 0.5 | ----- | 45.7 | ----- | 54.0 | ----- | 8.3 | Average |
| 5 140.11 | V | 55.8 | 2.6 | ----- | 58.4 | ----- | 74.0 | ----- | 15.6 | ----- | Peak |
| 5 148.57 | V | 43.9 | 2.6 | 0.5 | ----- | 47.0 | ----- | 54.0 | ----- | 7.0 | Average |

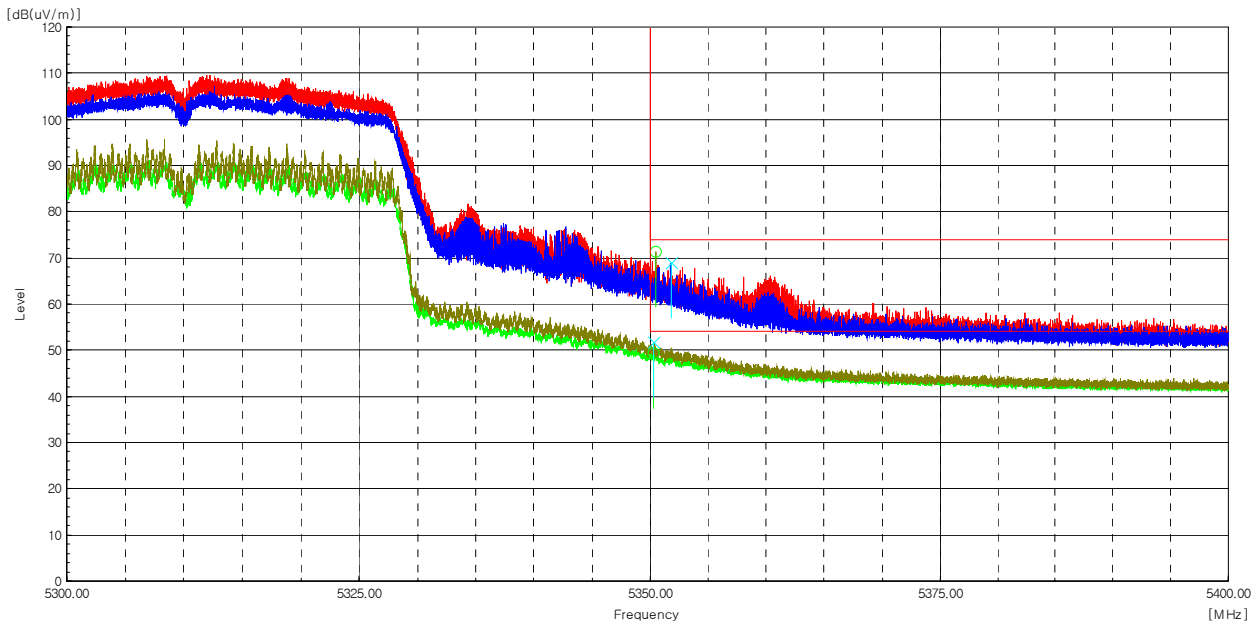
Radiated Restricted Band Edge Plot



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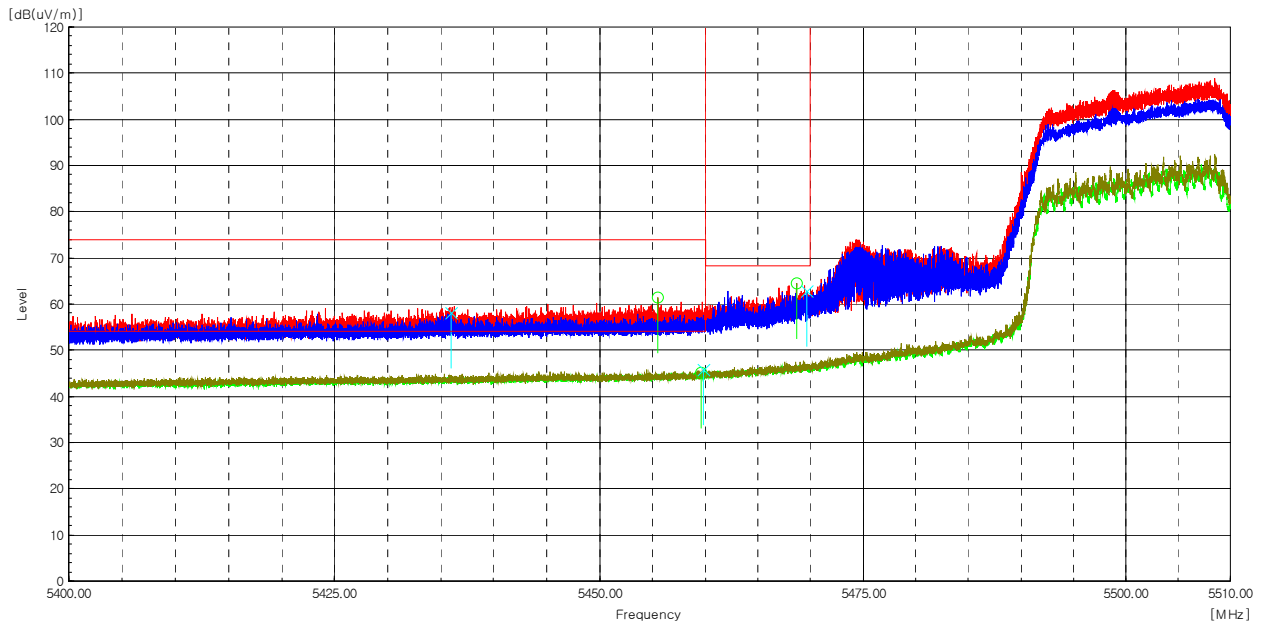
| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT40 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 310 MHz |
| Channel : | 62 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 350.45 | H | 68.1 | 3.2 | ----- | 71.3 | ----- | 74.0 | ----- | 2.7 | ----- | Peak |
| 5 350.26 | H | 46.1 | 3.2 | 0.5 | ----- | 49.8 | ----- | 54.0 | ----- | 4.2 | Average |
| 5 351.79 | V | 65.8 | 3.2 | ----- | 69.0 | ----- | 74.0 | ----- | 5.0 | ----- | Peak |
| 5 350.30 | V | 48.4 | 3.2 | 0.5 | ----- | 52.1 | ----- | 54.0 | ----- | 1.9 | Average |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT40 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 510 MHz |
| Channel : | 102 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 455.56 | H | 57.9 | 3.6 | ----- | 61.5 | ----- | 74.0 | ----- | 12.5 | ----- | Peak |
| 5 459.60 | H | 41.6 | 3.6 | 0.5 | ----- | 45.7 | ----- | 54.0 | ----- | 8.3 | Average |
| 5 435.97 | V | 54.7 | 3.5 | ----- | 58.2 | ----- | 74.0 | ----- | 15.8 | ----- | Peak |
| 5 459.82 | V | 42.1 | 3.6 | 0.5 | ----- | 46.2 | ----- | 54.0 | ----- | 7.8 | Average |
| 5 468.64 | H | 60.7 | 3.7 | ----- | 64.4 | ----- | 68.2 | ----- | 3.8 | ----- | Peak |
| 5 469.62 | V | 59.1 | 3.7 | ----- | 62.8 | ----- | 68.2 | ----- | 5.4 | ----- | Peak |

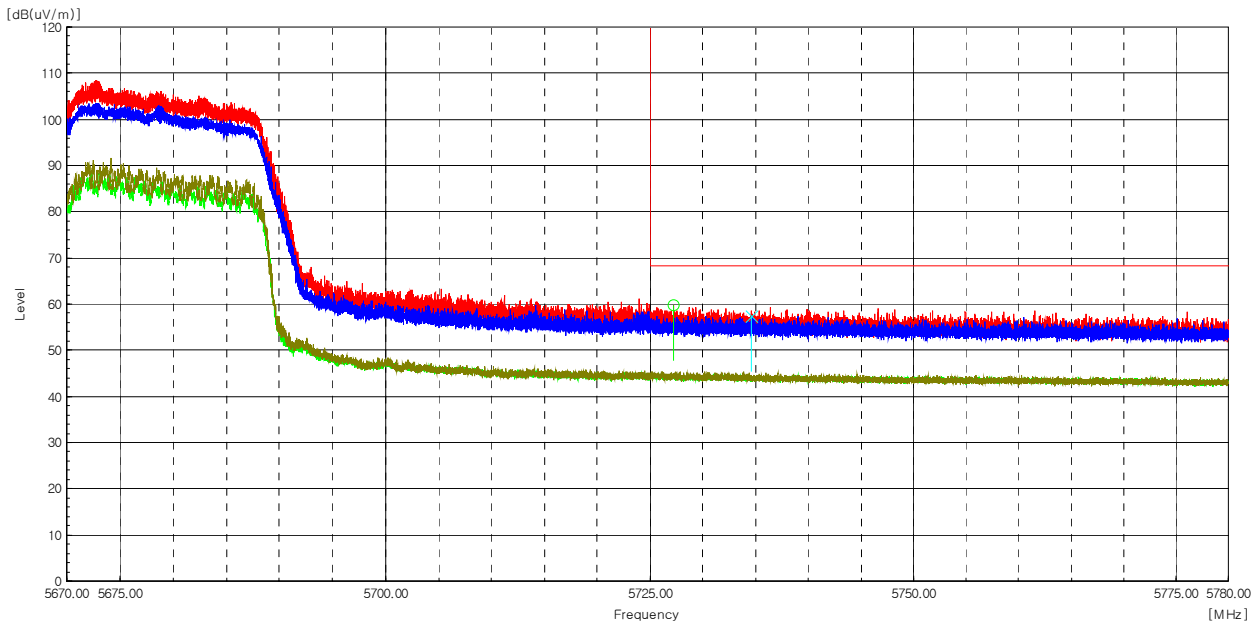
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT40 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 670 MHz |
| Channel : | 134 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 727.22 | H | 55.5 | 4.2 | ----- | 59.7 | ----- | 68.2 | ----- | 8.5 | ----- | Peak |
| 5 734.57 | V | 53.1 | 4.3 | ----- | 57.4 | ----- | 68.2 | ----- | 10.8 | ----- | Peak |

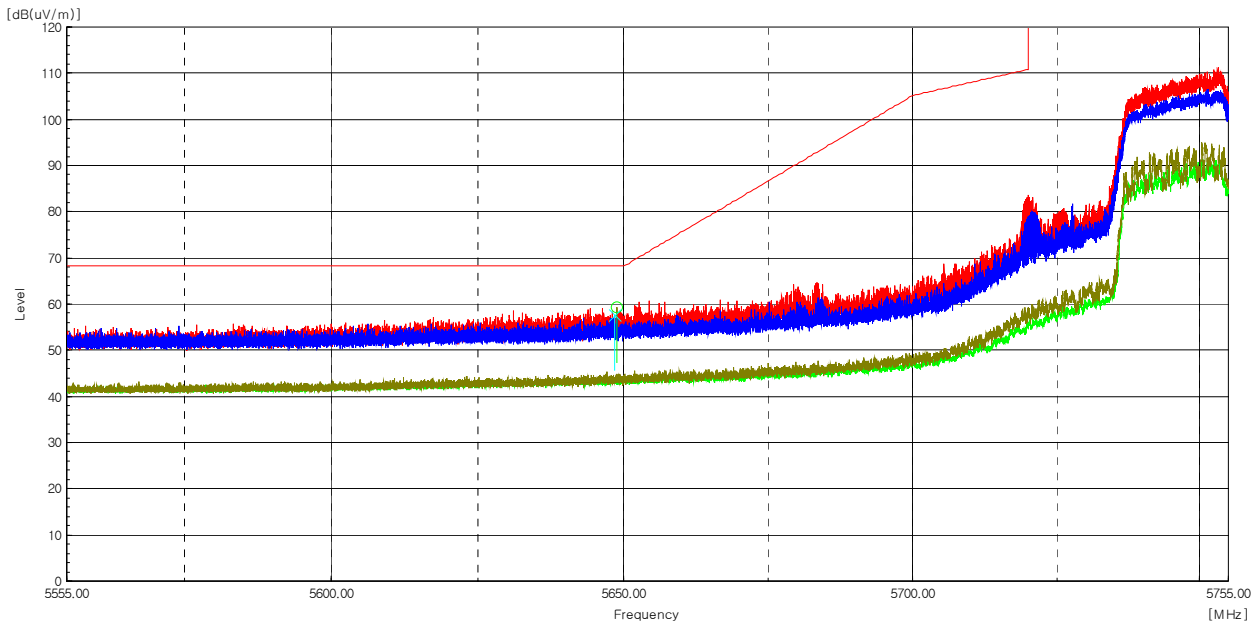
Radiated Restricted Band Edge Plot



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Report No.:
 CTK-2023-01326
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| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT40 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 755 MHz |
| Channel : | 151 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 648.84 | H | 55.3 | 4.1 | ----- | 59.4 | ----- | 68.2 | ----- | 8.8 | ----- | Peak |
| 5 648.49 | V | 53.6 | 4.1 | ----- | 57.7 | ----- | 68.2 | ----- | 10.5 | ----- | Peak |

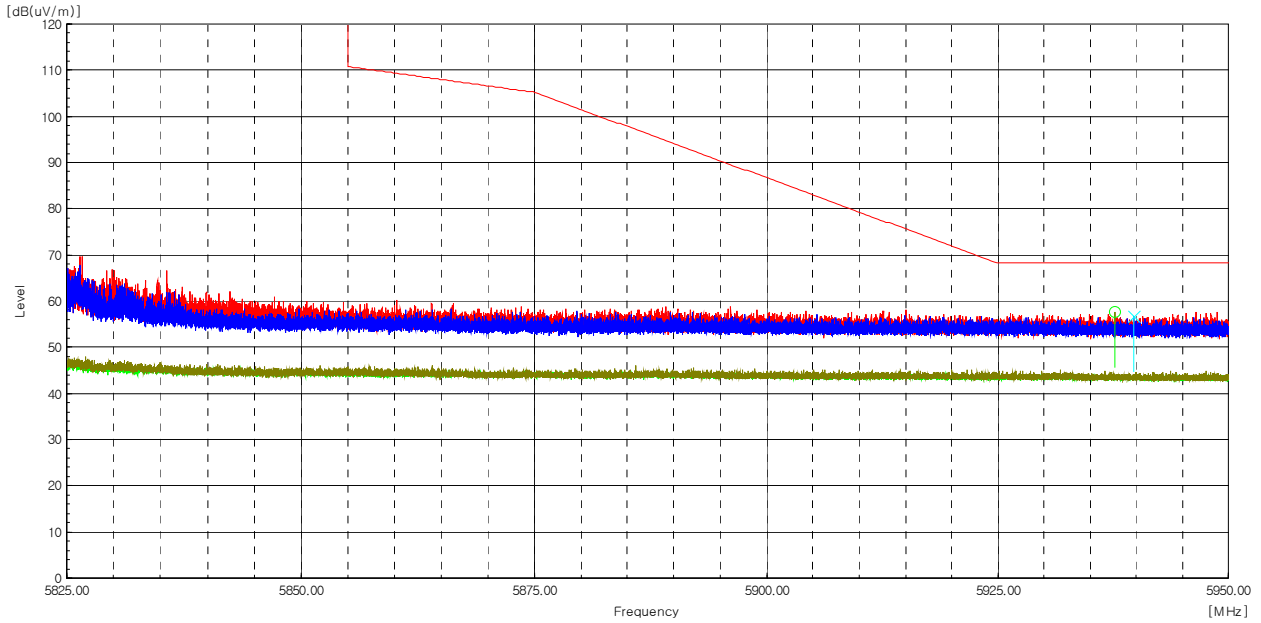
Radiated Restricted Band Edge Plot



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Report No.:
 CTK-2023-01326
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| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT40 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 795 MHz |
| Channel : | 159 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Radiated Restricted Band Edge Plot



Test mode : Transmitter, 802.11ax_HE40_26T

The requirements are:
 Complies

Test Data

Ch.38(5 190 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Ch.46(5 230 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Ch.54(5 270 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 10 576.30 | H | 45.9 | 11.8 | ----- | 57.7 | ----- | 68.2 | ----- | 10.5 | ----- | Peak |
| 10 576.18 | H | 33.9 | 11.8 | 0.2 | ----- | 45.9 | ----- | 54.0 | ----- | 8.1 | Average |
| 10 575.59 | V | 45.5 | 11.8 | ----- | 57.3 | ----- | 68.2 | ----- | 10.9 | ----- | Peak |
| 10 575.42 | V | 33.3 | 11.8 | 0.2 | ----- | 45.3 | ----- | 54.0 | ----- | 8.7 | Average |

Ch.62(5 310 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 10 655.61 | H | 46.1 | 11.8 | ----- | 57.9 | ----- | 74.0 | ----- | 16.1 | ----- | Peak |
| 10 655.55 | H | 33.4 | 11.8 | 0.2 | ----- | 45.4 | ----- | 54.0 | ----- | 8.6 | Average |
| 10 656.42 | V | 42.9 | 11.8 | ----- | 54.7 | ----- | 74.0 | ----- | 19.3 | ----- | Peak |
| 10 659.17 | V | 32.2 | 11.8 | 0.2 | ----- | 44.2 | ----- | 54.0 | ----- | 9.8 | Average |

Ch.102(5 510 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 055.60 | H | 47.5 | 12.2 | ----- | 59.7 | ----- | 74.0 | ----- | 14.3 | ----- | Peak |
| 11 055.96 | H | 34.8 | 12.2 | 0.2 | ----- | 47.2 | ----- | 54.0 | ----- | 6.8 | Average |
| 11 054.61 | V | 43.4 | 12.2 | ----- | 55.6 | ----- | 74.0 | ----- | 18.4 | ----- | Peak |
| 11 056.25 | V | 32.4 | 12.2 | 0.2 | ----- | 44.8 | ----- | 54.0 | ----- | 9.2 | Average |

Ch.118(5 590 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 216.79 | H | 50.5 | 12.8 | ----- | 63.3 | ----- | 74.0 | ----- | 10.7 | ----- | Peak |
| 11 215.98 | H | 35.3 | 12.8 | 0.2 | ----- | 48.3 | ----- | 54.0 | ----- | 5.7 | Average |
| 11 217.20 | V | 42.8 | 12.8 | ----- | 55.6 | ----- | 74.0 | ----- | 18.4 | ----- | Peak |
| 11 214.11 | V | 32.5 | 12.8 | 0.2 | ----- | 45.5 | ----- | 54.0 | ----- | 8.5 | Average |

Ch.134(5 670 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 376.17 | H | 49.0 | 12.2 | ----- | 61.2 | ----- | 74.0 | ----- | 12.8 | ----- | Peak |
| 11 375.59 | H | 34.6 | 12.2 | 0.2 | ----- | 47.0 | ----- | 54.0 | ----- | 7.0 | Average |
| 11 373.84 | V | 44.0 | 12.1 | ----- | 56.1 | ----- | 74.0 | ----- | 17.9 | ----- | Peak |
| 11 376.17 | V | 32.8 | 12.2 | 0.2 | ----- | 45.2 | ----- | 54.0 | ----- | 8.8 | Average |

Ch.142(5 710 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.



Ch.151(5 755 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 507.05 | H | 53.3 | 12.5 | ----- | 65.8 | ----- | 74.0 | ----- | 8.2 | ----- | Peak |
| 11 508.16 | H | 40.1 | 12.5 | 0.2 | ----- | 52.8 | ----- | 54.0 | ----- | 1.2 | Average |
| 11 506.41 | V | 44.9 | 12.5 | ----- | 57.4 | ----- | 74.0 | ----- | 16.6 | ----- | Peak |
| 11 508.69 | V | 34.0 | 12.6 | 0.2 | ----- | 46.8 | ----- | 54.0 | ----- | 7.2 | Average |
| 17 260.25 | H | 44.6 | 19.1 | ----- | 63.7 | ----- | 68.2 | ----- | 4.5 | ----- | Peak |
| 17 261.83 | V | 47.0 | 19.1 | ----- | 66.1 | ----- | 68.2 | ----- | 2.1 | ----- | Peak |

Ch.159(5 795 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 588.58 | H | 53.9 | 13.0 | ----- | 66.9 | ----- | 74.0 | ----- | 7.1 | ----- | Peak |
| 11 587.24 | H | 39.2 | 13.0 | 0.2 | ----- | 52.4 | ----- | 54.0 | ----- | 1.6 | Average |
| 11 588.29 | V | 44.7 | 13.0 | ----- | 57.7 | ----- | 74.0 | ----- | 16.3 | ----- | Peak |
| 11 588.00 | V | 32.7 | 13.0 | 0.2 | ----- | 45.9 | ----- | 54.0 | ----- | 8.1 | Average |
| 17 380.81 | H | 46.2 | 19.8 | ----- | 66.0 | ----- | 68.2 | ----- | 2.2 | ----- | Peak |
| 17 380.55 | V | 46.5 | 19.8 | ----- | 66.3 | ----- | 68.2 | ----- | 1.9 | ----- | Peak |

Remarks

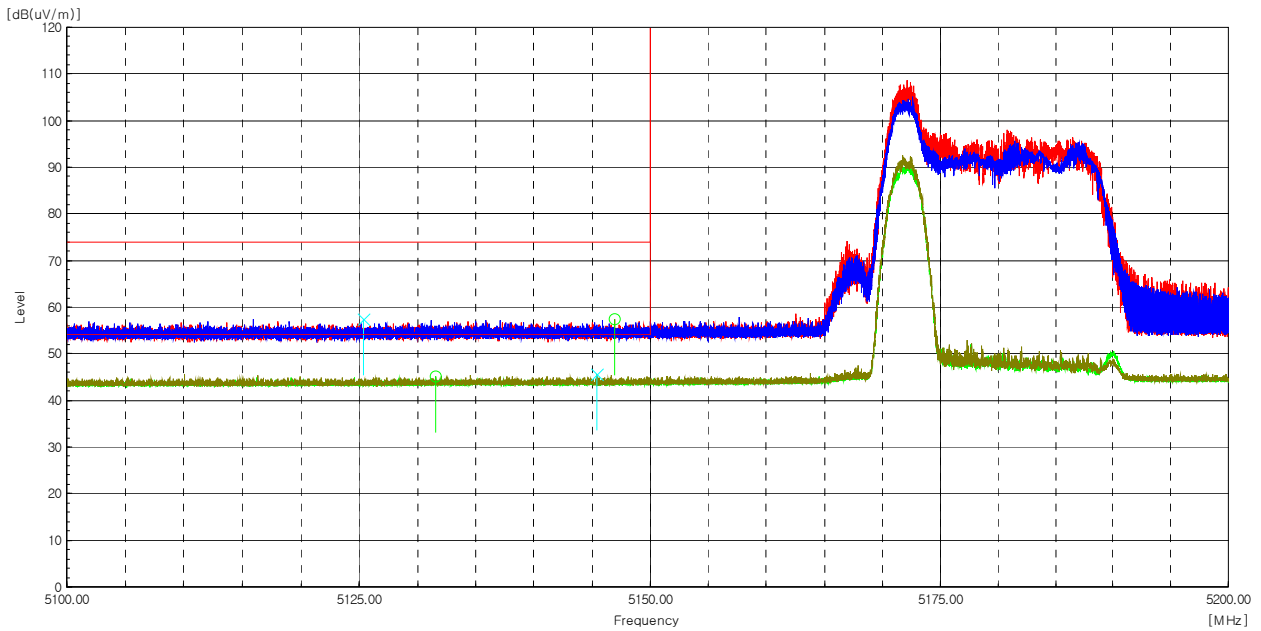
- The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Y axis) and the worst case was recorded.
- Peak Result = Reading + c.f(Correction factor)
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
- Correction factor = Antenna factor + Cable loss - Amp Gain



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Report No.:
 CTK-2023-01326
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| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_26T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 190 MHz |
| Channel : | 38 |

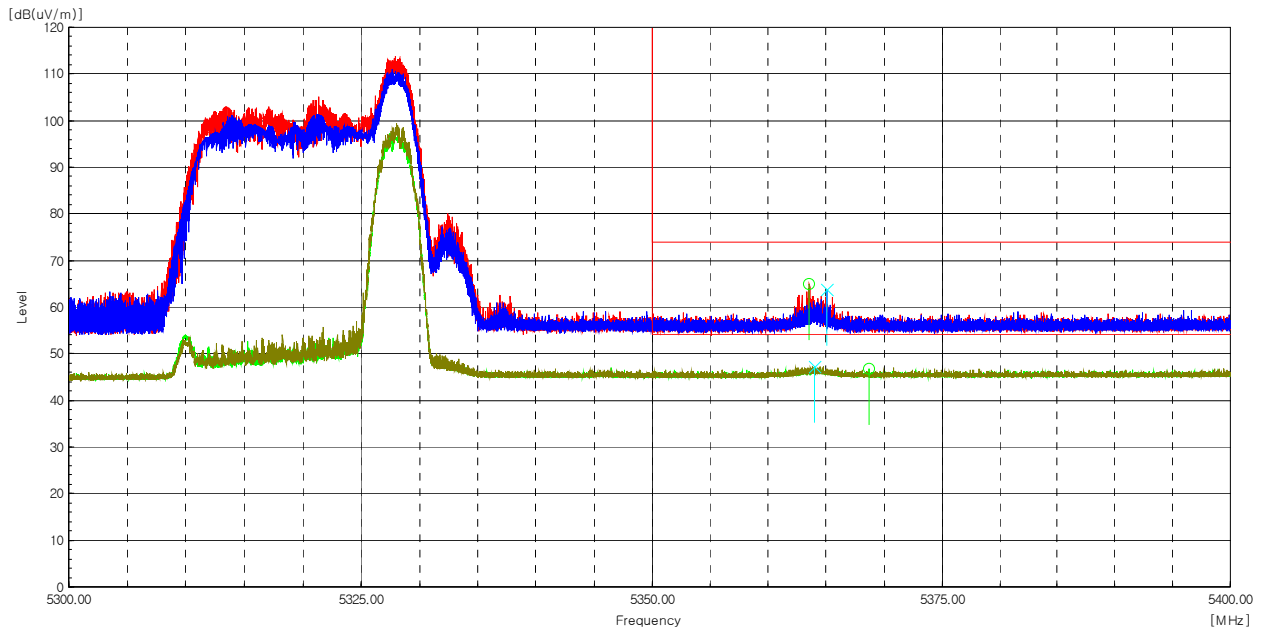


| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Radiated Restricted Band Edge Plot

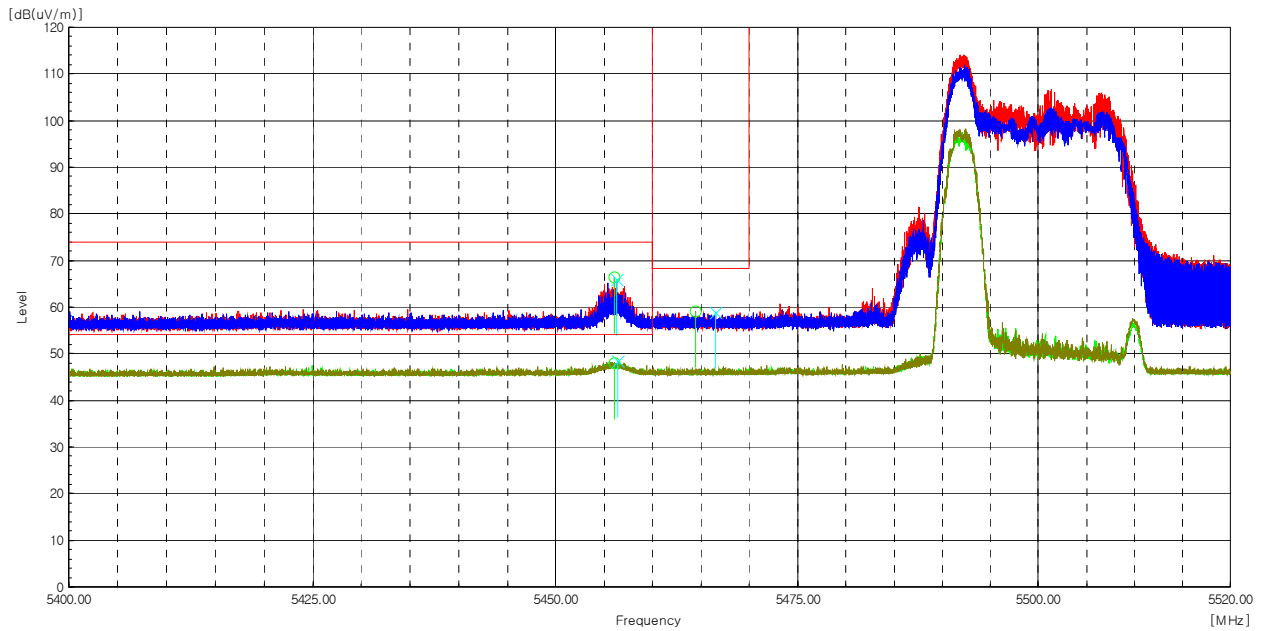
| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_26T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 310 MHz |
| Channel : | 62 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 363.56 | H | 61.7 | 3.3 | ----- | 65.0 | ----- | 74.0 | ----- | 9.0 | ----- | Peak |
| 5 368.74 | H | 43.4 | 3.3 | 0.2 | ----- | 46.9 | ----- | 54.0 | ----- | 7.1 | Average |
| 5 365.02 | V | 60.5 | 3.3 | ----- | 63.8 | ----- | 74.0 | ----- | 10.2 | ----- | Peak |
| 5 364.02 | V | 44.0 | 3.3 | 0.2 | ----- | 47.5 | ----- | 54.0 | ----- | 6.5 | Average |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_26T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 510 MHz |
| Channel : | 102 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 456.07 | H | 62.7 | 3.6 | ----- | 66.3 | ----- | 74.0 | ----- | 7.7 | ----- | Peak |
| 5 456.03 | H | 44.4 | 3.6 | 0.2 | ----- | 48.2 | ----- | 54.0 | ----- | 5.8 | Average |
| 5 456.28 | V | 62.3 | 3.6 | ----- | 65.9 | ----- | 74.0 | ----- | 8.1 | ----- | Peak |
| 5 456.38 | V | 44.8 | 3.6 | 0.2 | ----- | 48.6 | ----- | 54.0 | ----- | 5.4 | Average |
| 5 464.46 | H | 55.4 | 3.7 | ----- | 59.1 | ----- | 68.2 | ----- | 9.1 | ----- | Peak |
| 5 466.48 | V | 55.1 | 3.7 | ----- | 58.8 | ----- | 68.2 | ----- | 9.4 | ----- | Peak |

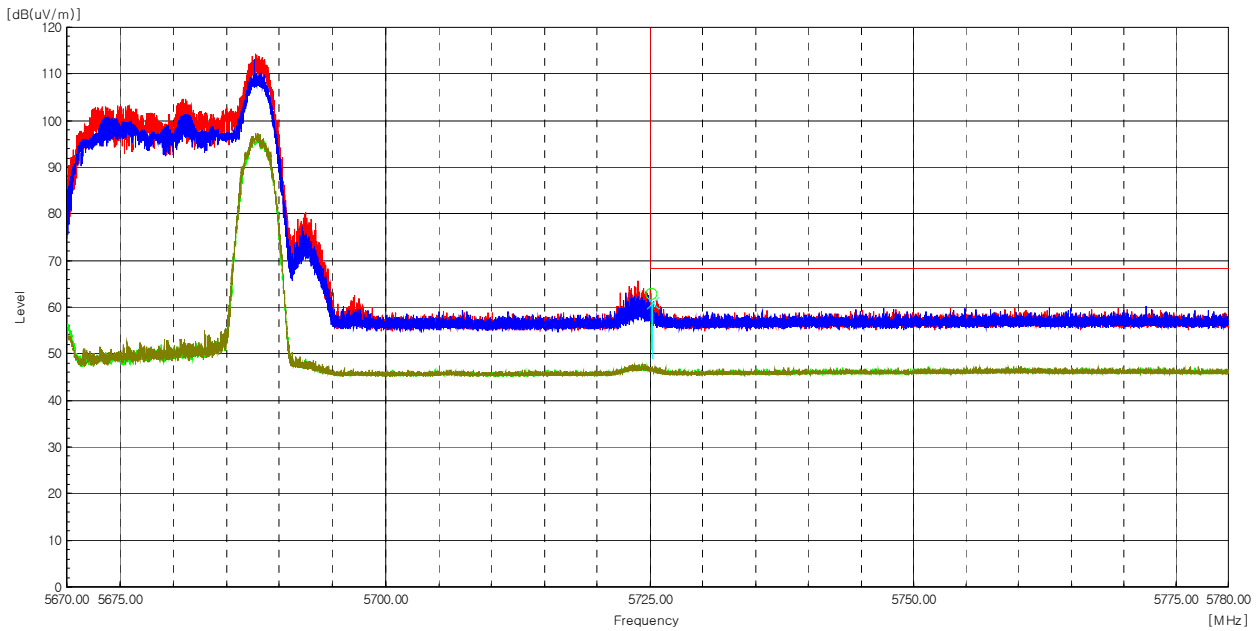
Radiated Restricted Band Edge Plot



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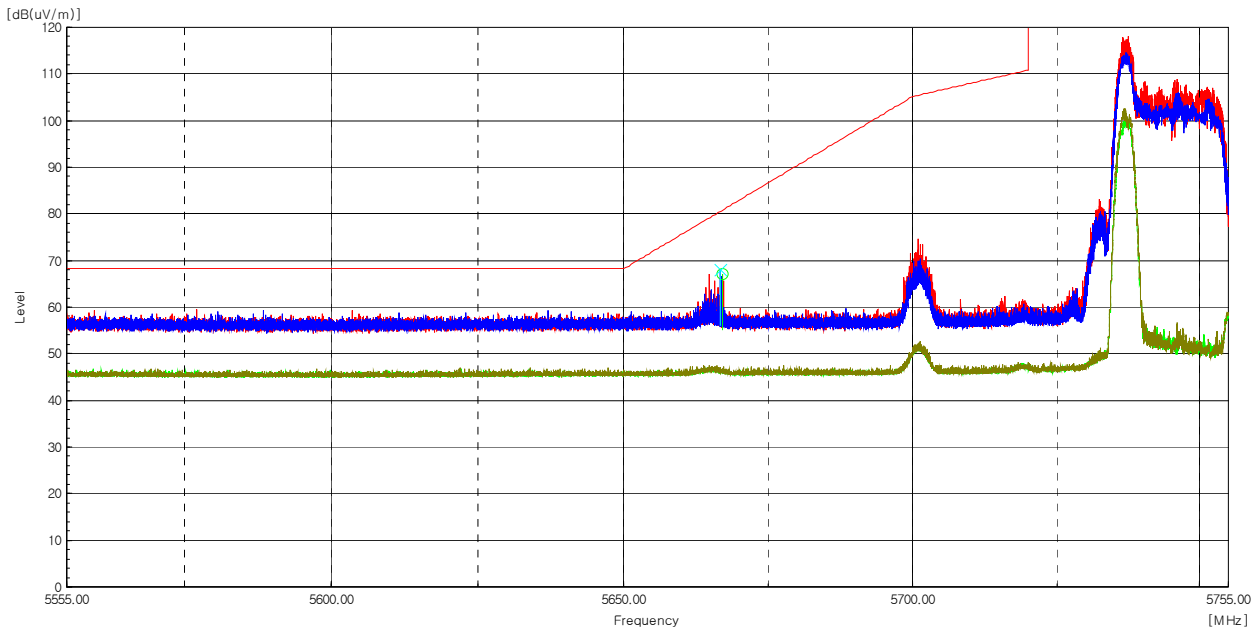
| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_26T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 670 MHz |
| Channel : | 134 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 725.10 | H | 58.6 | 4.2 | ----- | 62.8 | ----- | 68.2 | ----- | 5.4 | ----- | Peak |
| 5 725.24 | V | 56.8 | 4.2 | ----- | 61.0 | ----- | 68.2 | ----- | 7.2 | ----- | Peak |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_26T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 755 MHz |
| Channel : | 151 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 667.13 | H | 63.1 | 4.1 | ----- | 67.2 | ----- | 80.8 | ----- | 13.7 | ----- | Peak |
| 5 666.70 | V | 63.9 | 4.1 | ----- | 68.0 | ----- | 79.5 | ----- | 12.6 | ----- | Peak |

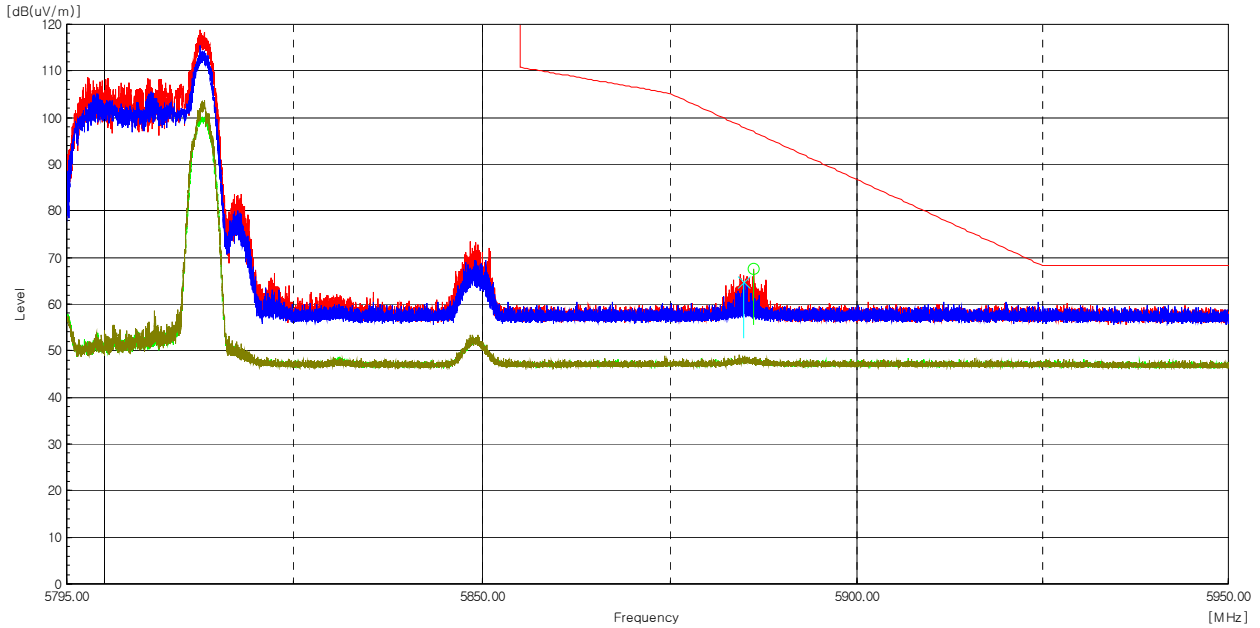
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_26T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 795 MHz |
| Channel : | 159 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 886.24 | H | 62.6 | 4.9 | ----- | 67.5 | ----- | 98.4 | ----- | 29.4 | ----- | Peak |
| 5 884.84 | V | 59.8 | 4.9 | ----- | 64.7 | ----- | 96.9 | ----- | 33.2 | ----- | Peak |

Radiated Restricted Band Edge Plot

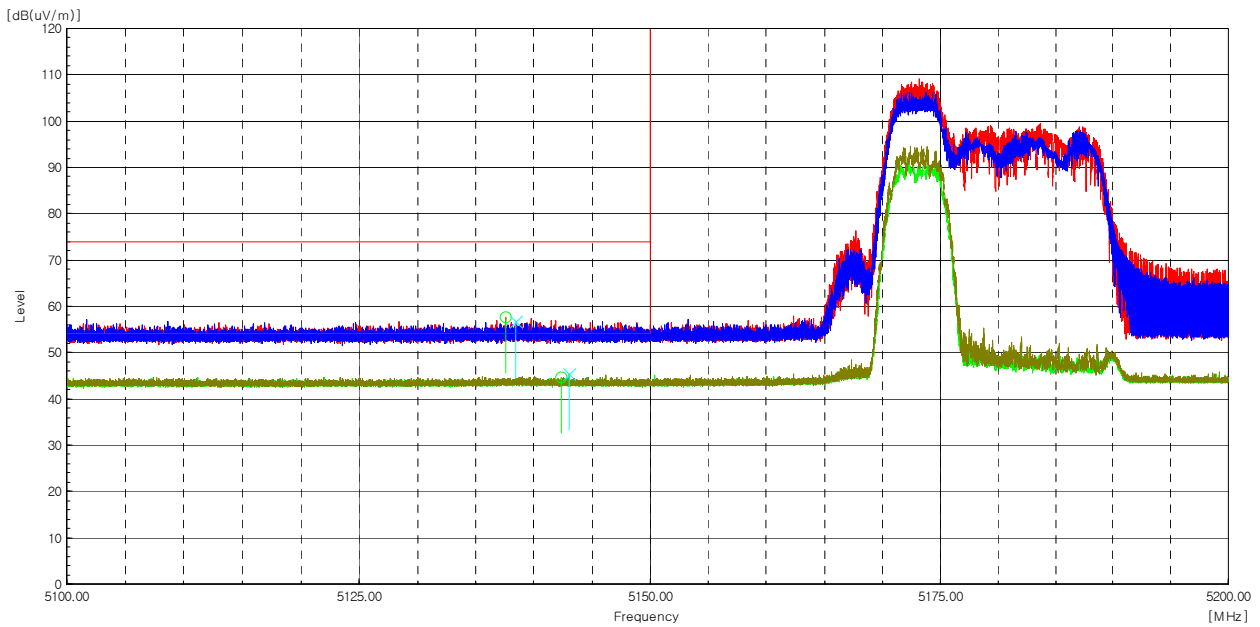
Test mode : Transmitter, 802.11ax_HE40_52T

The requirements are:

Complies

Test Data

| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_52T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 190 MHz |
| Channel : | 38 |

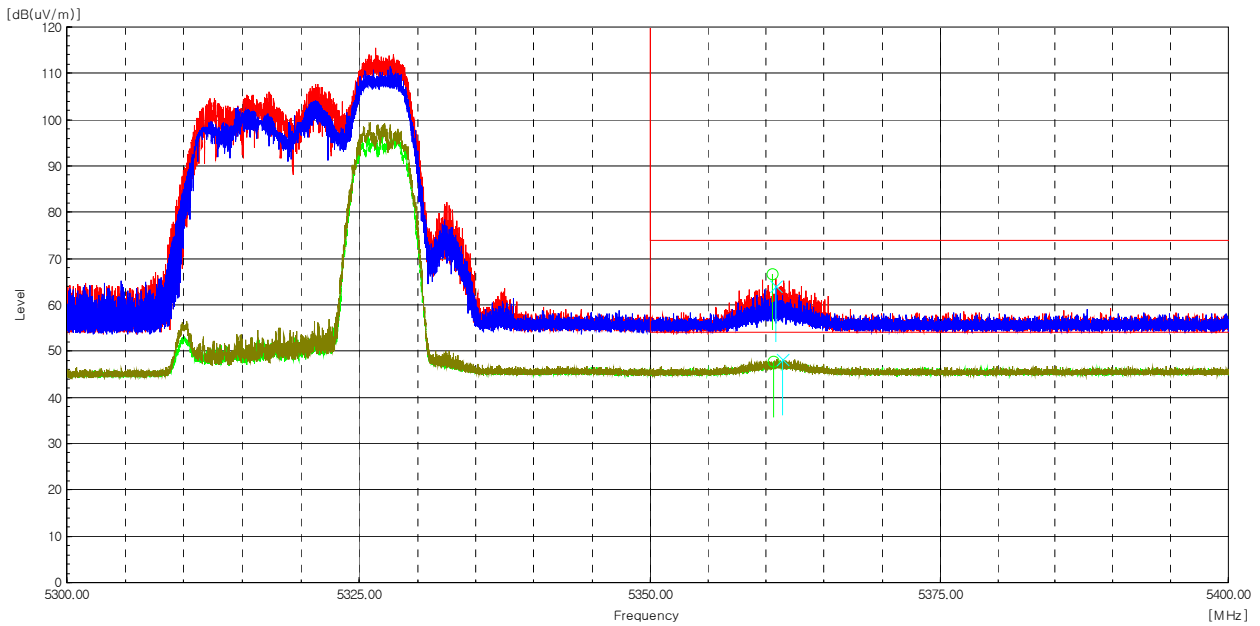


| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Radiated Restricted Band Edge Plot

| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_52T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 310 MHz |
| Channel : | 62 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 360.55 | H | 63.4 | 3.3 | ----- | 66.7 | ----- | 74.0 | ----- | 7.3 | ----- | Peak |
| 5 360.65 | H | 44.5 | 3.3 | 0.2 | ----- | 48.0 | ----- | 54.0 | ----- | 6.0 | Average |
| 5 360.80 | V | 60.6 | 3.3 | ----- | 63.9 | ----- | 74.0 | ----- | 10.1 | ----- | Peak |
| 5 361.37 | V | 45.0 | 3.3 | 0.2 | ----- | 48.5 | ----- | 54.0 | ----- | 5.5 | Average |

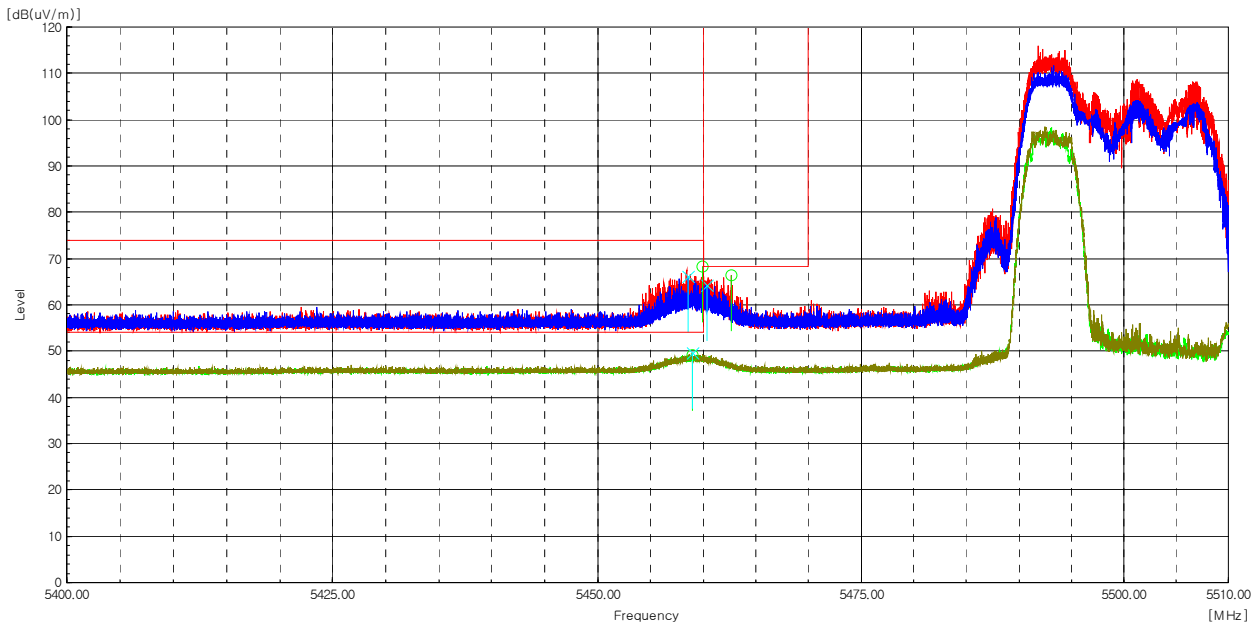
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_52T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 510 MHz |
| Channel : | 102 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 458.82 | H | 60.5 | 3.6 | ----- | 64.1 | ----- | 74.0 | ----- | 9.9 | ----- | Peak |
| 5 457.70 | H | 43.8 | 3.6 | 0.2 | ----- | 47.6 | ----- | 54.0 | ----- | 6.4 | Average |
| 5 459.33 | V | 57.6 | 3.6 | ----- | 61.2 | ----- | 74.0 | ----- | 12.8 | ----- | Peak |
| 5 421.79 | V | 43.0 | 3.5 | 0.2 | ----- | 46.7 | ----- | 54.0 | ----- | 7.3 | Average |
| 5 460.27 | H | 58.9 | 3.6 | ----- | 62.5 | ----- | 68.2 | ----- | 5.7 | ----- | Peak |
| 5 460.24 | V | 57.9 | 3.6 | ----- | 61.5 | ----- | 68.2 | ----- | 6.7 | ----- | Peak |

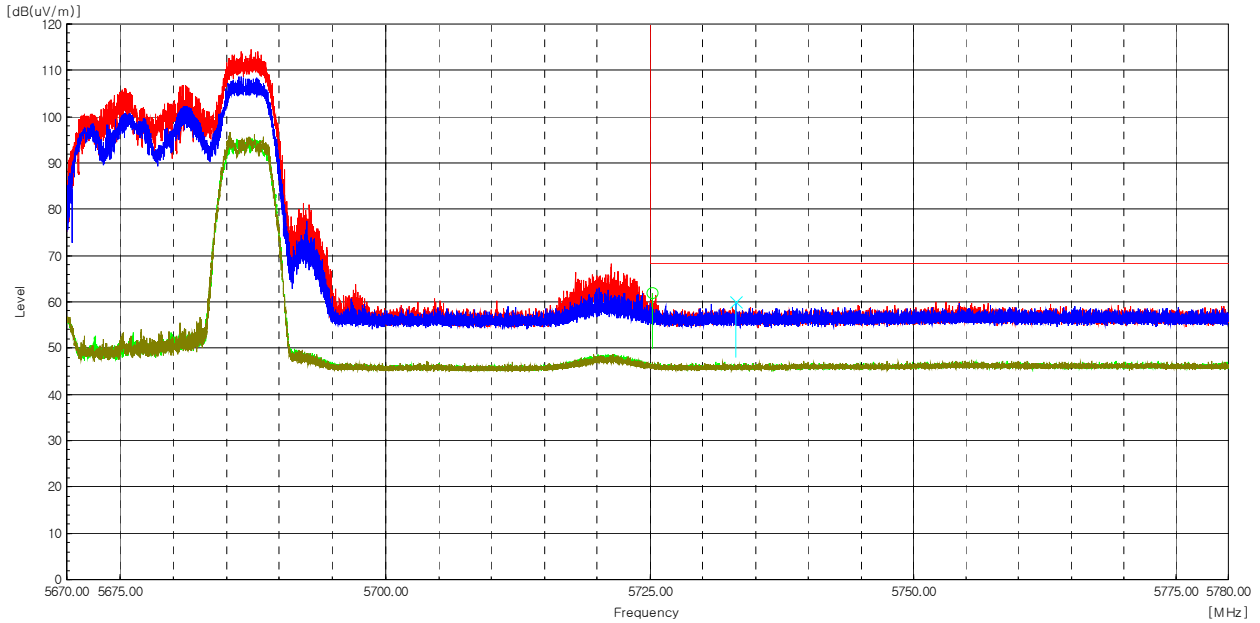
Radiated Restricted Band Edge Plot



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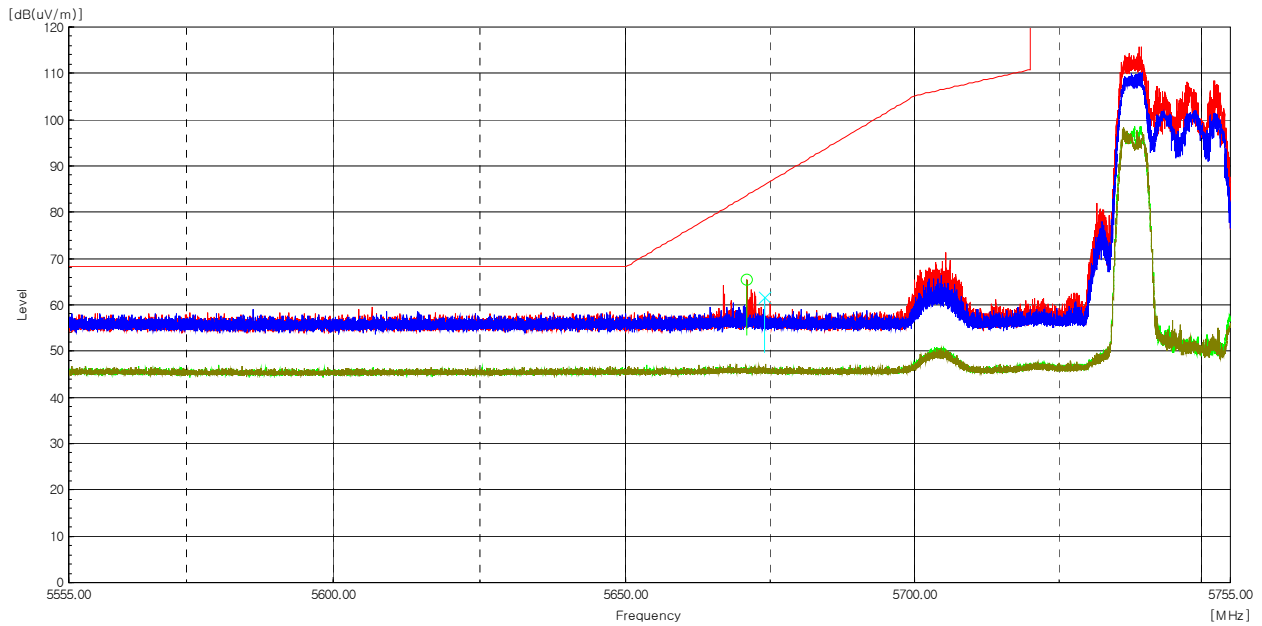
| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_52T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 670 MHz |
| Channel : | 134 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 725.17 | H | 57.8 | 4.2 | ----- | 62.0 | ----- | 68.2 | ----- | 6.2 | ----- | Peak |
| 5 733.14 | V | 55.7 | 4.3 | ----- | 60.0 | ----- | 68.2 | ----- | 8.2 | ----- | Peak |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_52T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 755 MHz |
| Channel : | 151 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 670.90 | H | 61.4 | 4.0 | ----- | 65.4 | ----- | 68.2 | ----- | 18.3 | ----- | Peak |

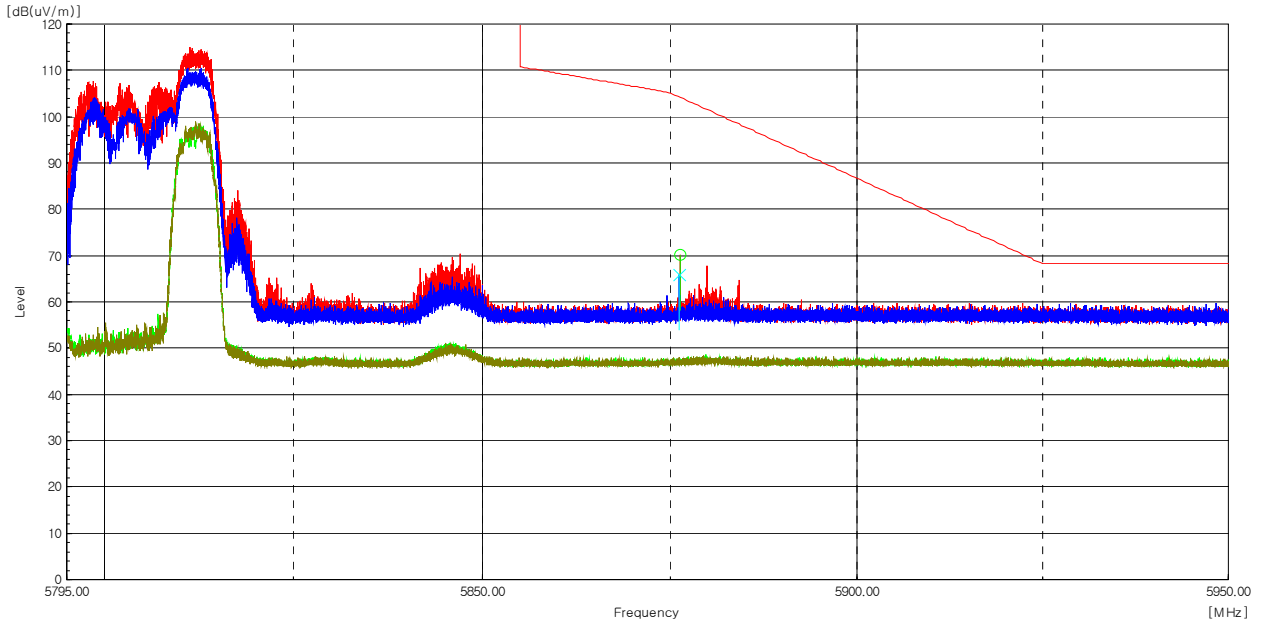
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|-------------------|
| Worst Case Mode : | 802.11ax_HE40_52T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 795 MHz |
| Channel : | 159 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Radiated Restricted Band Edge Plot

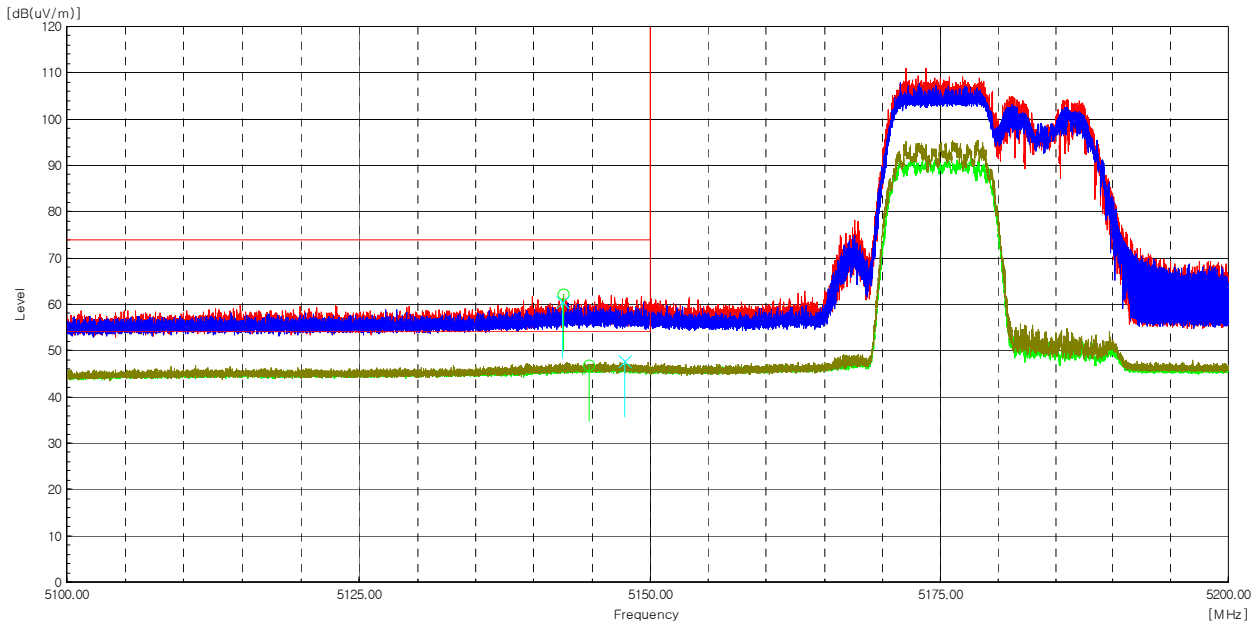
Test mode : Transmitter, 802.11ax_HE40_106T

The requirements are:

Complies

Test Data

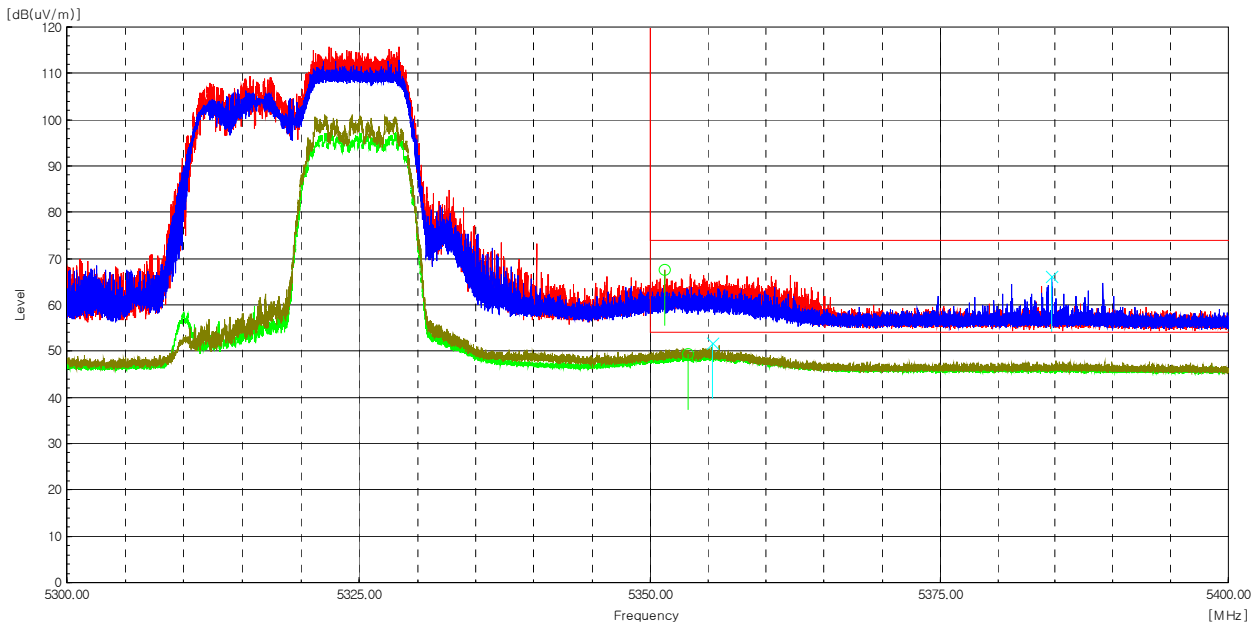
| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_106T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 190 MHz |
| Channel : | 38 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 142.50 | H | 59.5 | 2.6 | ----- | 62.1 | ----- | 74.0 | ----- | 11.9 | ----- | Peak |
| 5 144.78 | H | 44.1 | 2.6 | 0.2 | ----- | 46.9 | ----- | 54.0 | ----- | 7.1 | Average |
| 5 142.47 | V | 58.0 | 2.6 | ----- | 60.6 | ----- | 74.0 | ----- | 13.4 | ----- | Peak |
| 5 147.80 | V | 45.1 | 2.6 | 0.2 | ----- | 47.9 | ----- | 54.0 | ----- | 6.1 | Average |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_106T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 310 MHz |
| Channel : | 62 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 351.28 | H | 64.3 | 3.2 | ----- | 67.5 | ----- | 74.0 | ----- | 6.5 | ----- | Peak |
| 5 353.26 | H | 46.1 | 3.2 | 0.2 | ----- | 49.5 | ----- | 54.0 | ----- | 4.5 | Average |
| 5 384.66 | V | 62.8 | 3.3 | ----- | 66.1 | ----- | 74.0 | ----- | 7.9 | ----- | Peak |
| 5 355.35 | V | 48.4 | 3.2 | 0.2 | ----- | 51.8 | ----- | 54.0 | ----- | 2.2 | Average |

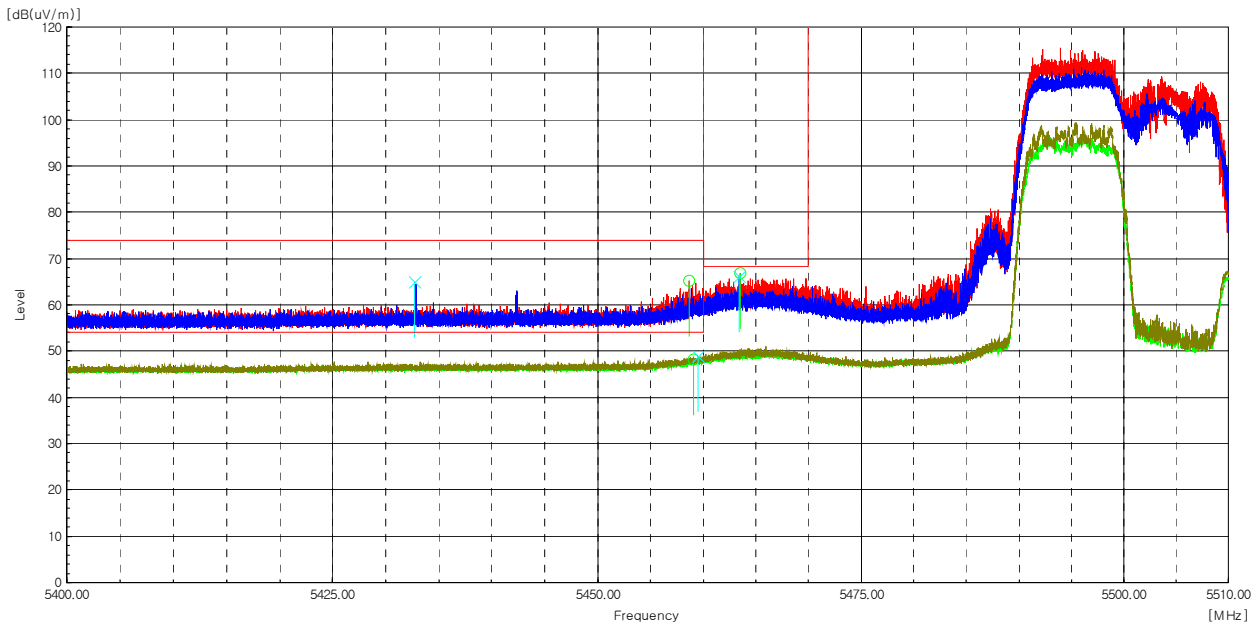
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_106T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 510 MHz |
| Channel : | 102 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 458.63 | H | 61.7 | 3.6 | ----- | 65.3 | ----- | 74.0 | ----- | 8.7 | ----- | Peak |
| 5 459.06 | H | 44.7 | 3.6 | 0.2 | ----- | 48.5 | ----- | 54.0 | ----- | 5.5 | Average |
| 5 432.75 | V | 61.4 | 3.5 | ----- | 64.9 | ----- | 74.0 | ----- | 9.1 | ----- | Peak |
| 5 459.53 | V | 45.2 | 3.6 | 0.2 | ----- | 49.0 | ----- | 54.0 | ----- | 5.0 | Average |
| 5 463.50 | H | 63.1 | 3.7 | ----- | 66.8 | ----- | 68.2 | ----- | 1.4 | ----- | Peak |
| 5 463.46 | V | 62.5 | 3.7 | ----- | 66.2 | ----- | 68.2 | ----- | 2.0 | ----- | Peak |

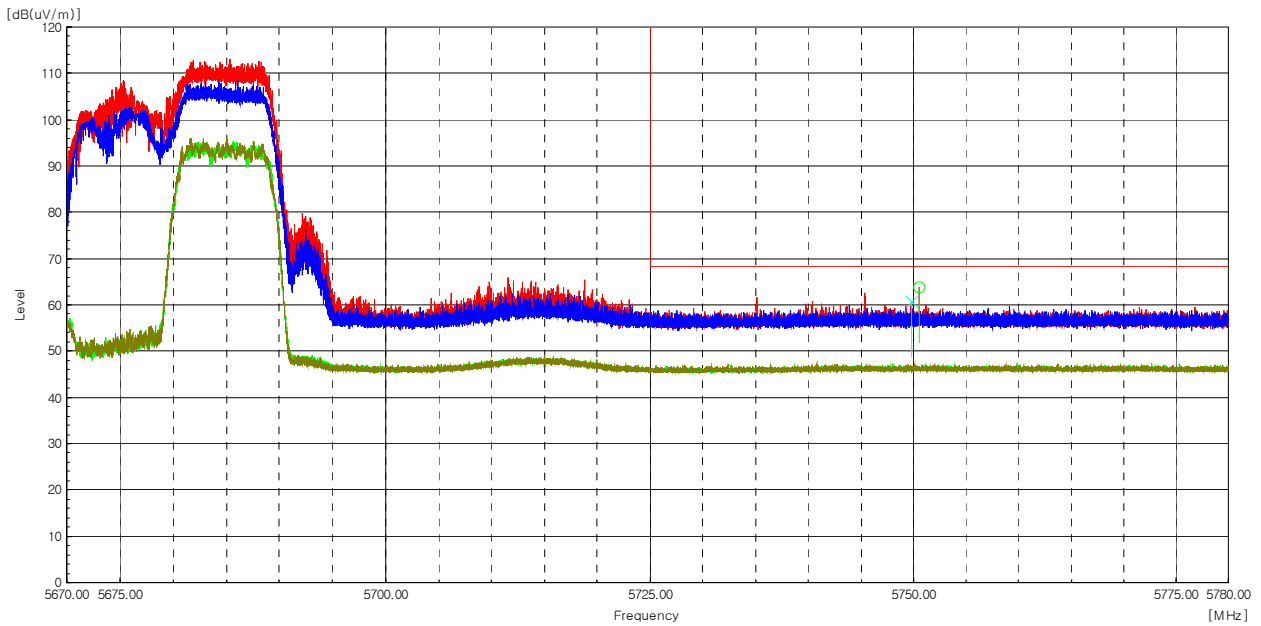
Radiated Restricted Band Edge Plot



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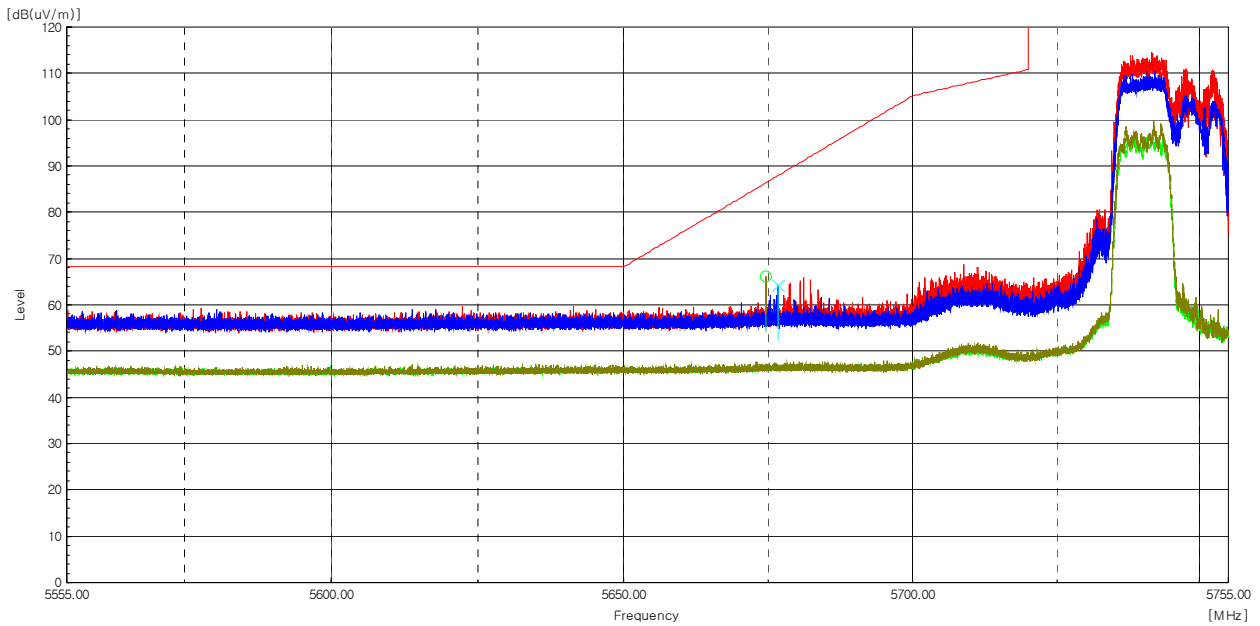
| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_106T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 670 MHz |
| Channel : | 134 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 750.55 | H | 59.2 | 4.5 | ----- | 63.7 | ----- | 68.2 | ----- | 4.5 | ----- | Peak |
| 5 749.74 | V | 56.3 | 4.4 | ----- | 60.7 | ----- | 68.2 | ----- | 7.5 | ----- | Peak |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_106T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 755 MHz |
| Channel : | 151 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

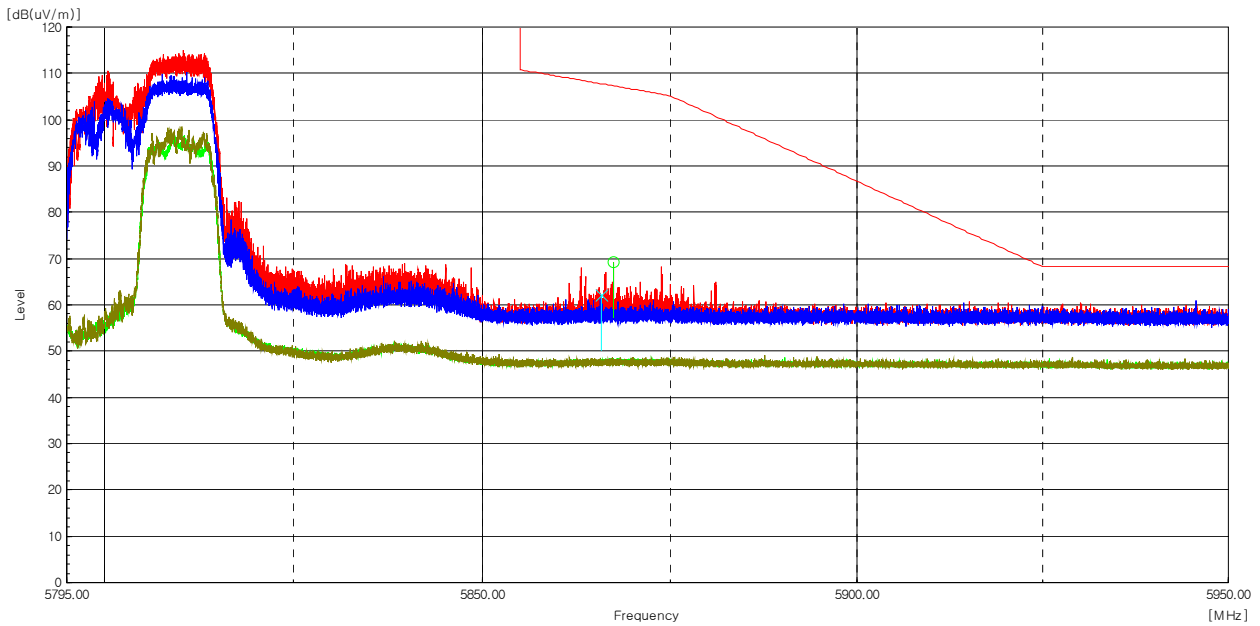
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_106T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 795 MHz |
| Channel : | 159 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Radiated Restricted Band Edge Plot

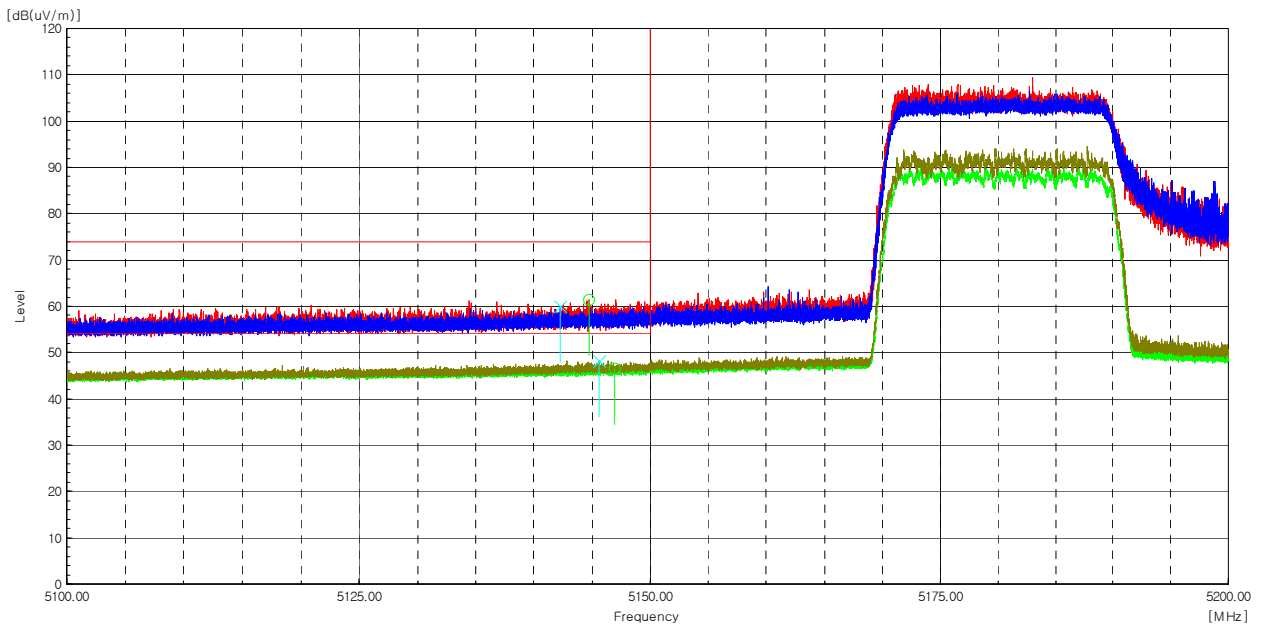


Test mode : Transmitter, 802.11ax_HE40_242T

The requirements are:
 Complies

Test Data

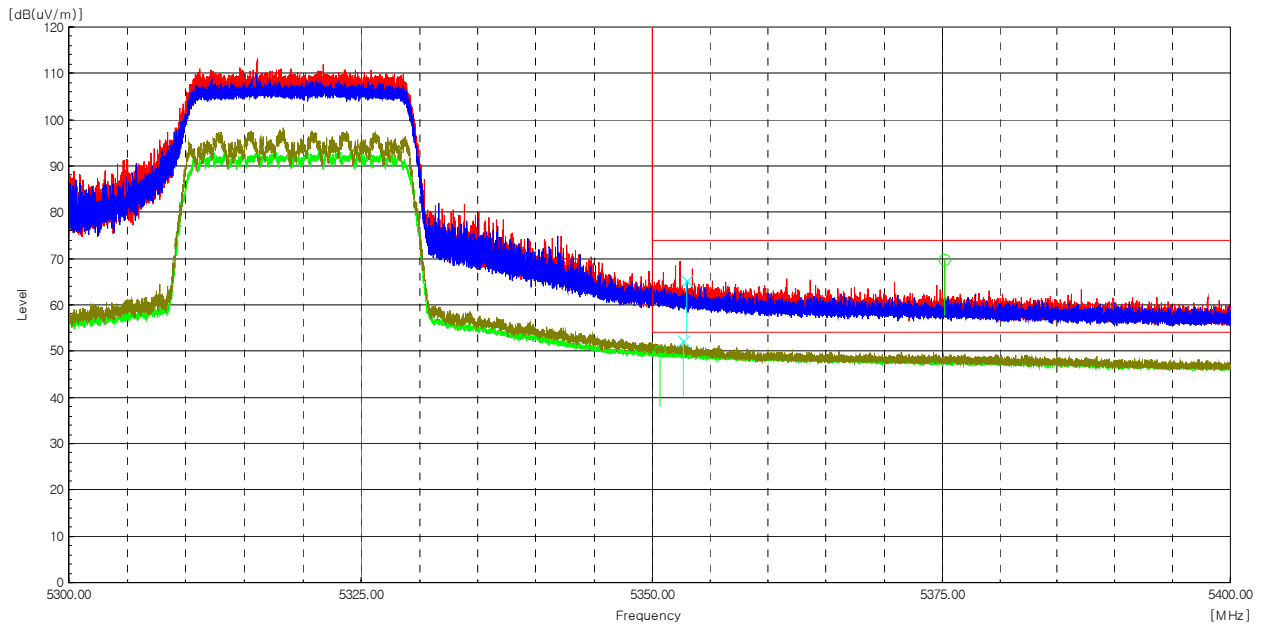
| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_242T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 190 MHz |
| Channel : | 38 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 144.75 | H | 58.9 | 2.6 | ----- | 61.5 | ----- | 74.0 | ----- | 12.5 | ----- | Peak |
| 5 146.90 | H | 44.0 | 2.6 | 0.3 | ----- | 46.9 | ----- | 54.0 | ----- | 7.1 | Average |
| 5 142.23 | V | 57.4 | 2.6 | ----- | 60.0 | ----- | 74.0 | ----- | 14.0 | ----- | Peak |
| 5 145.59 | V | 45.6 | 2.6 | 0.3 | ----- | 48.5 | ----- | 54.0 | ----- | 5.5 | Average |

Radiated Restricted Band Edge Plot

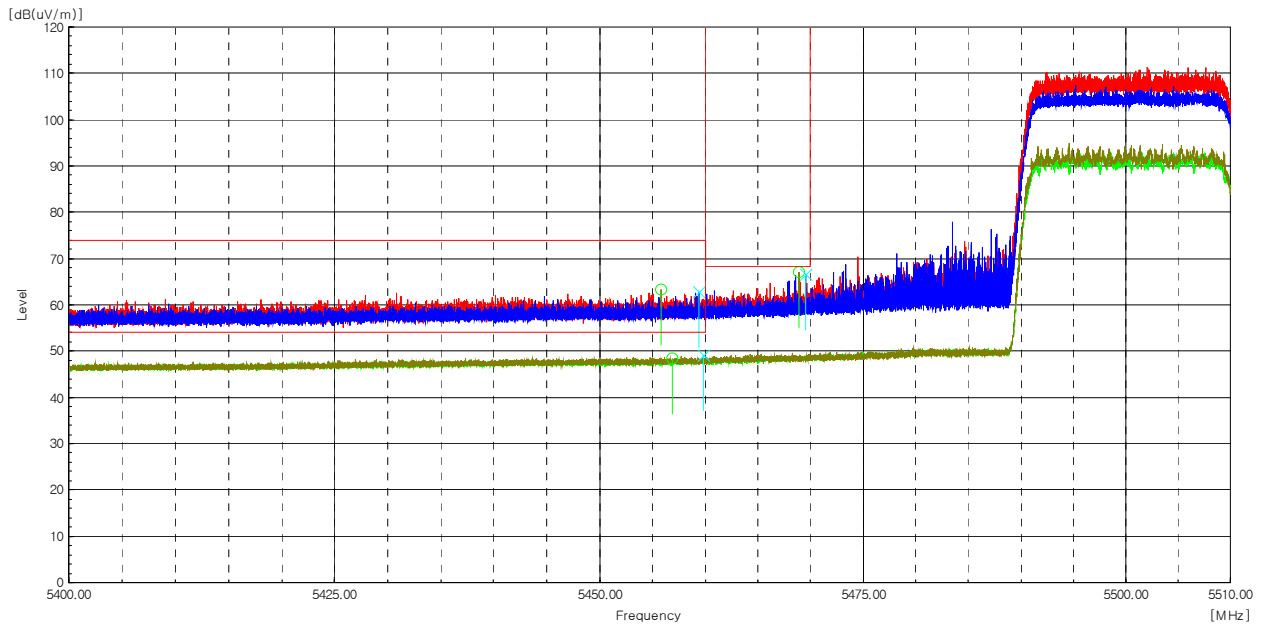
| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_242T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 310 MHz |
| Channel : | 62 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 375.24 | H | 66.4 | 3.3 | ----- | 69.7 | ----- | 74.0 | ----- | 4.3 | ----- | Peak |
| 5 350.68 | H | 46.9 | 3.2 | 0.3 | ----- | 50.4 | ----- | 54.0 | ----- | 3.6 | Average |
| 5 353.02 | V | 61.9 | 3.2 | ----- | 65.1 | ----- | 74.0 | ----- | 8.9 | ----- | Peak |
| 5 352.68 | V | 49.0 | 3.2 | 0.3 | ----- | 52.5 | ----- | 54.0 | ----- | 1.5 | Average |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_242T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 510 MHz |
| Channel : | 102 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 455.82 | H | 59.7 | 3.6 | ----- | 63.3 | ----- | 74.0 | ----- | 10.7 | ----- | Peak |
| 5 456.93 | H | 44.7 | 3.6 | 0.3 | ----- | 48.6 | ----- | 54.0 | ----- | 5.4 | Average |
| 5 459.37 | V | 59.3 | 3.6 | ----- | 62.9 | ----- | 74.0 | ----- | 11.1 | ----- | Peak |
| 5 459.80 | V | 45.6 | 3.6 | 0.3 | ----- | 49.5 | ----- | 54.0 | ----- | 4.5 | Average |
| 5 468.94 | H | 63.4 | 3.7 | ----- | 67.1 | ----- | 68.2 | ----- | 1.1 | ----- | Peak |
| 5 469.51 | V | 62.9 | 3.7 | ----- | 66.6 | ----- | 68.2 | ----- | 1.6 | ----- | Peak |

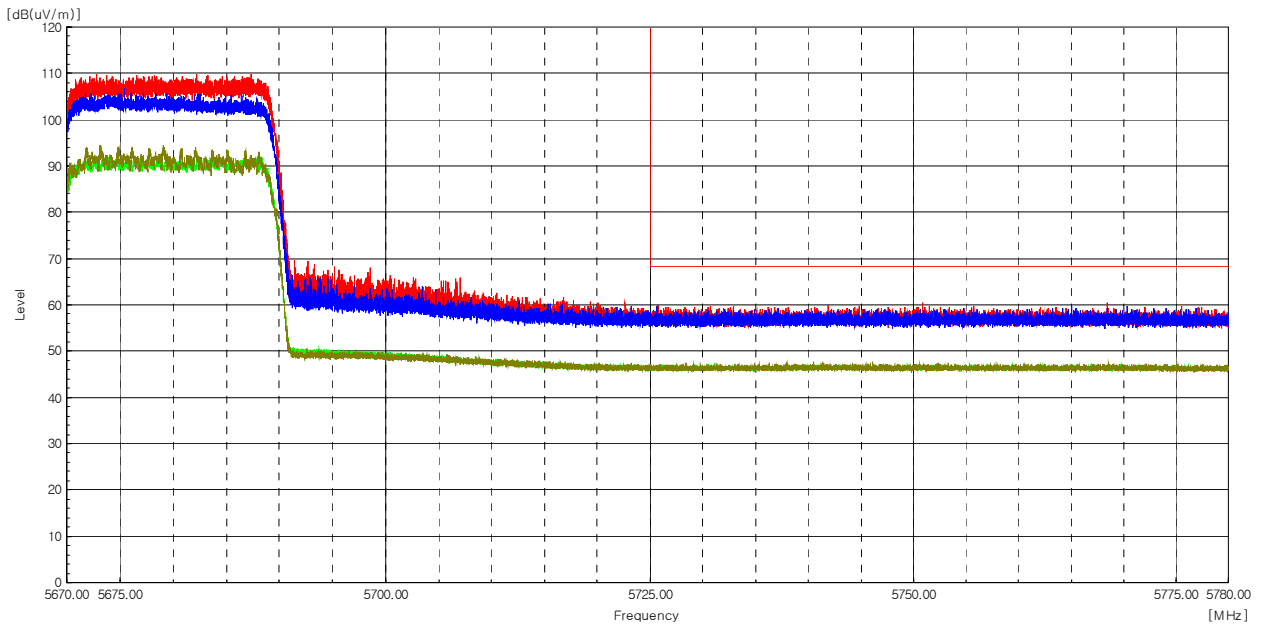
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_242T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 670 MHz |
| Channel : | 134 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

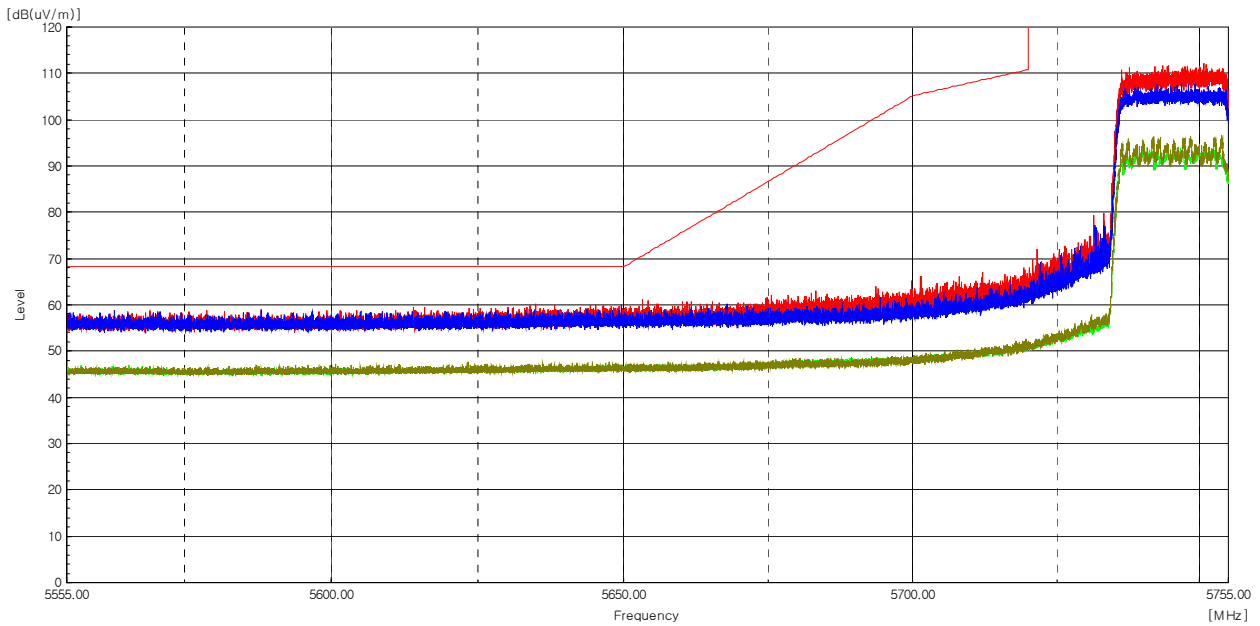
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_242T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 755 MHz |
| Channel : | 151 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

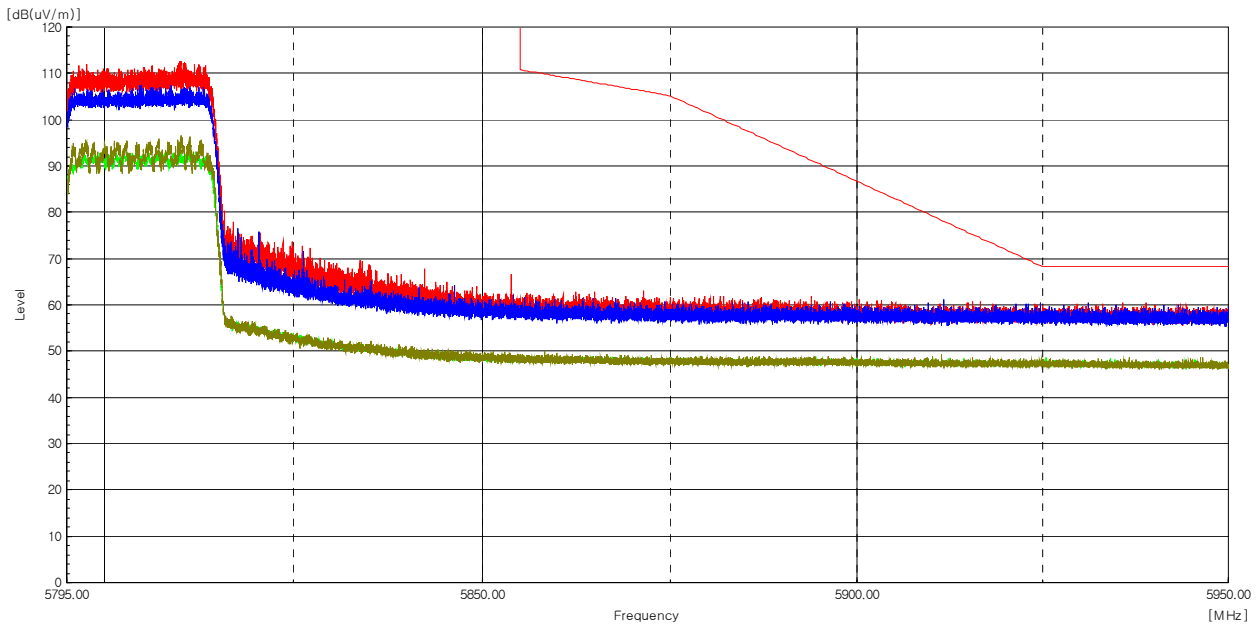
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_242T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 795 MHz |
| Channel : | 159 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Radiated Restricted Band Edge Plot



Test mode : Transmitter, 802.11ax_HE40_484T

The requirements are:

Complies

Test Data

Ch.38(5 190 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 10 385.61 | H | 46.4 | 11.3 | ----- | 57.7 | ----- | 68.2 | ----- | 10.5 | ----- | Peak |
| 10 385.90 | V | 44.6 | 11.3 | ----- | 55.9 | ----- | 68.2 | ----- | 12.3 | ----- | Peak |

Ch.46(5 230 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 10 452.42 | H | 45.7 | 11.6 | ----- | 57.3 | ----- | 68.2 | ----- | 10.9 | ----- | Peak |
| 10 463.35 | V | 44.9 | 11.6 | ----- | 56.5 | ----- | 68.2 | ----- | 11.7 | ----- | Peak |

Ch.54(5 270 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 10 528.23 | H | 44.9 | 11.7 | ----- | 56.6 | ----- | 68.2 | ----- | 11.6 | ----- | Peak |
| 10 536.70 | V | 43.9 | 11.7 | ----- | 55.6 | ----- | 68.2 | ----- | 12.6 | ----- | Peak |

Ch.62(5 310 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 10 614.20 | H | 44.6 | 11.8 | ----- | 56.4 | ----- | 74.0 | ----- | 17.6 | ----- | Peak |
| 10 614.72 | H | 33.9 | 11.8 | 0.3 | ----- | 46.0 | ----- | 54.0 | ----- | 8.0 | Average |
| 10 608.13 | V | 43.8 | 11.8 | ----- | 55.6 | ----- | 74.0 | ----- | 18.4 | ----- | Peak |
| 10 628.86 | V | 32.8 | 11.8 | 0.3 | ----- | 44.9 | ----- | 54.0 | ----- | 9.1 | Average |

Ch.102(5 510 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 036.33 | H | 44.4 | 12.2 | ----- | 56.6 | ----- | 74.0 | ----- | 17.4 | ----- | Peak |
| 11 025.47 | H | 33.2 | 12.2 | 0.3 | ----- | 45.7 | ----- | 54.0 | ----- | 8.3 | Average |
| 11 034.58 | V | 43.4 | 12.2 | ----- | 55.6 | ----- | 74.0 | ----- | 18.4 | ----- | Peak |
| 11 056.60 | V | 32.8 | 12.2 | 0.3 | ----- | 45.3 | ----- | 54.0 | ----- | 8.7 | Average |

Ch.118(5 590 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 167.45 | H | 44.6 | 12.7 | ----- | 57.3 | ----- | 74.0 | ----- | 16.7 | ----- | Peak |
| 11 182.16 | H | 33.9 | 12.7 | 0.3 | ----- | 46.9 | ----- | 54.0 | ----- | 7.1 | Average |
| 11 188.12 | V | 43.6 | 12.7 | ----- | 56.3 | ----- | 74.0 | ----- | 17.7 | ----- | Peak |
| 11 173.23 | V | 32.2 | 12.7 | 0.3 | ----- | 45.2 | ----- | 54.0 | ----- | 8.8 | Average |

Ch.134(5 670 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 336.52 | H | 44.2 | 12.1 | ----- | 56.3 | ----- | 74.0 | ----- | 17.7 | ----- | Peak |
| 11 333.02 | H | 32.6 | 12.1 | 0.3 | ----- | 45.0 | ----- | 54.0 | ----- | 9.0 | Average |
| 11 341.13 | V | 42.7 | 12.1 | ----- | 54.8 | ----- | 74.0 | ----- | 19.2 | ----- | Peak |
| 11 336.29 | V | 31.8 | 12.1 | 0.3 | ----- | 44.2 | ----- | 54.0 | ----- | 9.8 | Average |

Ch.142(5 710 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 434.69 | H | 46.1 | 12.7 | ----- | 58.8 | ----- | 74.0 | ----- | 15.2 | ----- | Peak |
| 11 427.10 | H | 33.7 | 12.6 | 0.3 | ----- | 46.6 | ----- | 54.0 | ----- | 7.4 | Average |
| 11 413.73 | V | 44.3 | 12.5 | ----- | 56.8 | ----- | 74.0 | ----- | 17.2 | ----- | Peak |
| 11 413.14 | V | 33.3 | 12.5 | 0.3 | ----- | 46.1 | ----- | 54.0 | ----- | 7.9 | Average |



Ch.151(5 755 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 514.41 | H | 47.9 | 12.6 | ----- | 60.5 | ----- | 74.0 | ----- | 13.5 | ----- | Peak |
| 11 501.62 | H | 35.2 | 12.5 | 0.3 | ----- | 48.0 | ----- | 54.0 | ----- | 6.0 | Average |
| 11 509.04 | V | 44.6 | 12.6 | ----- | 57.2 | ----- | 74.0 | ----- | 16.8 | ----- | Peak |
| 11 517.86 | V | 33.1 | 12.6 | 0.3 | ----- | 46.0 | ----- | 54.0 | ----- | 8.0 | Average |
| 17 245.29 | H | 45.6 | 19.0 | ----- | 64.6 | ----- | 68.2 | ----- | 3.6 | ----- | Peak |
| 17 270.28 | V | 46.4 | 19.1 | ----- | 65.5 | ----- | 68.2 | ----- | 2.7 | ----- | Peak |

Ch.159(5 795 MHz)

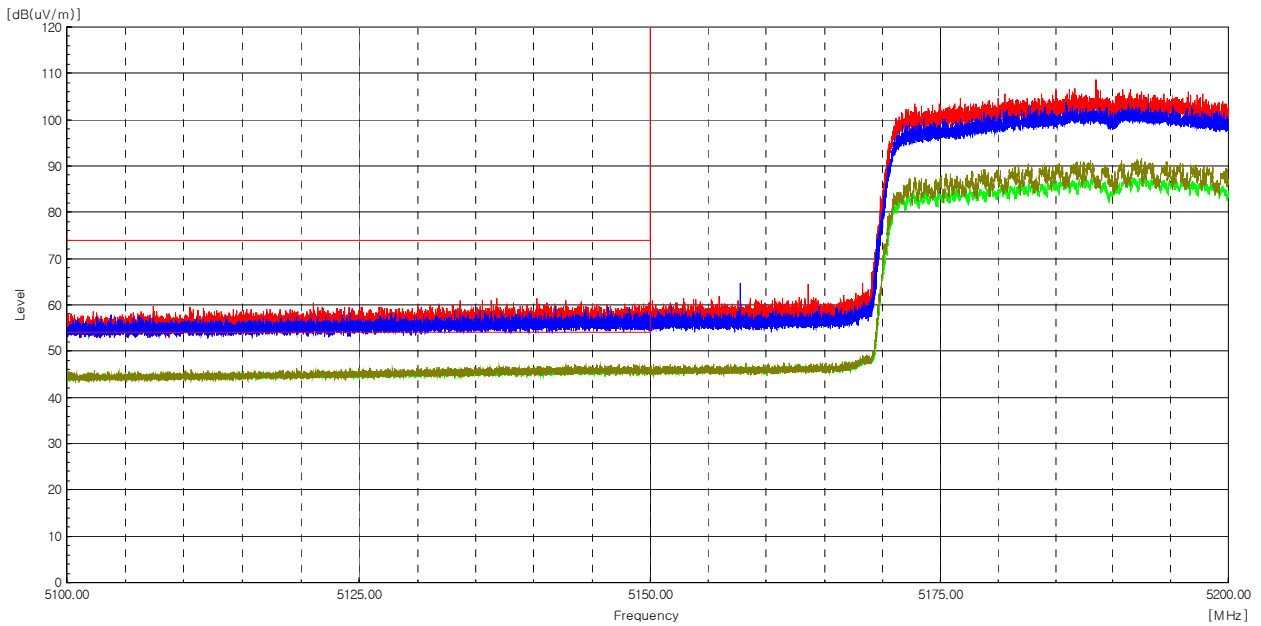
| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 588.82 | H | 47.1 | 13.0 | ----- | 60.1 | ----- | 74.0 | ----- | 13.9 | ----- | Peak |
| 11 597.70 | H | 34.6 | 13.0 | 0.3 | ----- | 47.9 | ----- | 54.0 | ----- | 6.1 | Average |
| 11 562.71 | V | 44.0 | 12.9 | ----- | 56.9 | ----- | 74.0 | ----- | 17.1 | ----- | Peak |
| 11 553.43 | V | 32.8 | 12.8 | 0.3 | ----- | 45.9 | ----- | 54.0 | ----- | 8.1 | Average |
| 17 366.38 | H | 44.8 | 19.8 | ----- | 64.6 | ----- | 68.2 | ----- | 3.6 | ----- | Peak |
| 17 382.40 | V | 46.1 | 19.8 | ----- | 65.9 | ----- | 68.2 | ----- | 2.3 | ----- | Peak |

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Y axis) and the worst case was recorded.
2. Peak Result = Reading + c.f(Correction factor)
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain



| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_484T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 190 MHz |
| Channel : | 38 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

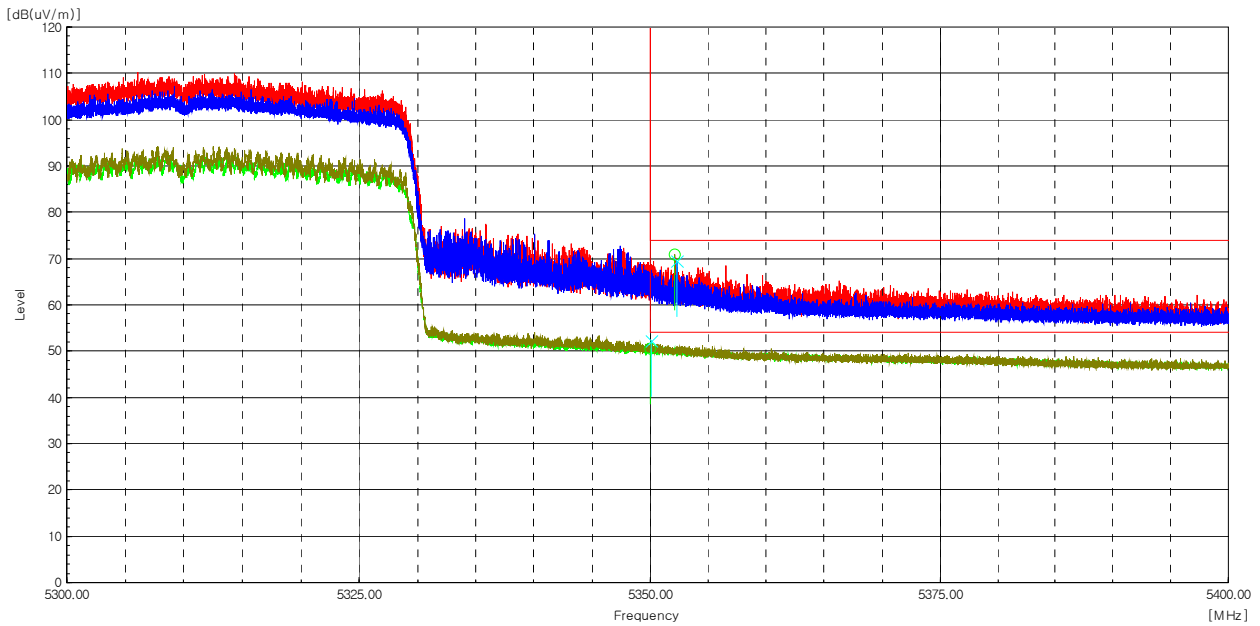
Radiated Restricted Band Edge Plot



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Report No.:
 CTK-2023-01326
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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_484T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 310 MHz |
| Channel : | 62 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 352.12 | H | 67.7 | 3.2 | ----- | 70.9 | ----- | 74.0 | ----- | 3.1 | ----- | Peak |
| 5 350.04 | H | 47.4 | 3.2 | 0.3 | ----- | 50.9 | ----- | 54.0 | ----- | 3.1 | Average |
| 5 352.32 | V | 66.2 | 3.2 | ----- | 69.4 | ----- | 74.0 | ----- | 4.6 | ----- | Peak |
| 5 350.09 | V | 49.0 | 3.2 | 0.3 | ----- | 52.5 | ----- | 54.0 | ----- | 1.5 | Average |

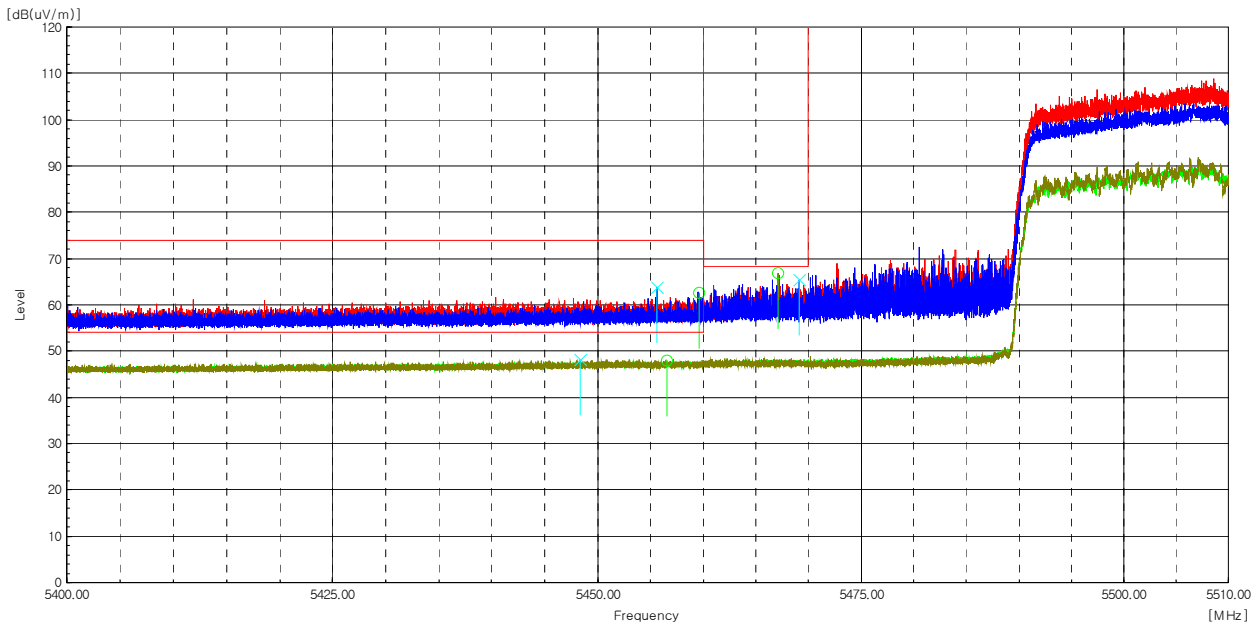
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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_484T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 510 MHz |
| Channel : | 102 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 459.61 | H | 59.1 | 3.6 | ----- | 62.7 | ----- | 74.0 | ----- | 11.3 | ----- | Peak |
| 5 456.55 | H | 44.4 | 3.6 | 0.3 | ----- | 48.3 | ----- | 54.0 | ----- | 5.7 | Average |
| 5 455.65 | V | 60.1 | 3.6 | ----- | 63.7 | ----- | 74.0 | ----- | 10.3 | ----- | Peak |
| 5 448.40 | V | 44.7 | 3.6 | 0.3 | ----- | 48.6 | ----- | 54.0 | ----- | 5.4 | Average |
| 5 467.13 | H | 63.1 | 3.7 | ----- | 66.8 | ----- | 68.2 | ----- | 1.4 | ----- | Peak |
| 5 469.10 | V | 61.8 | 3.7 | ----- | 65.5 | ----- | 68.2 | ----- | 2.7 | ----- | Peak |

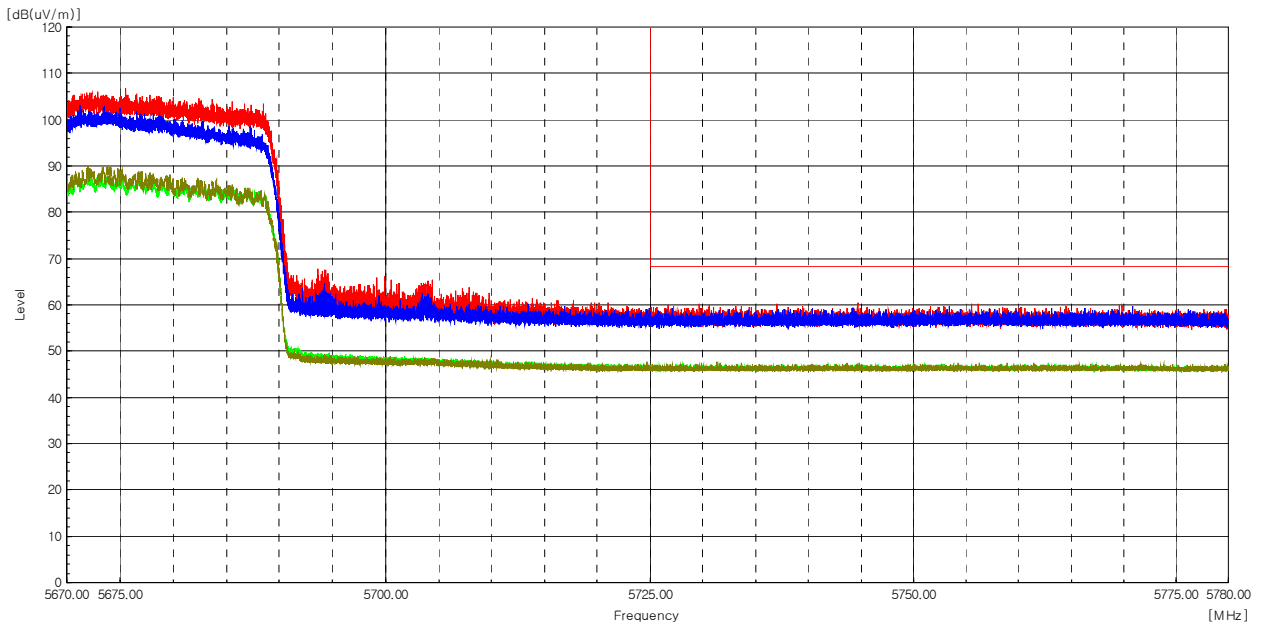
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_484T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 670 MHz |
| Channel : | 134 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

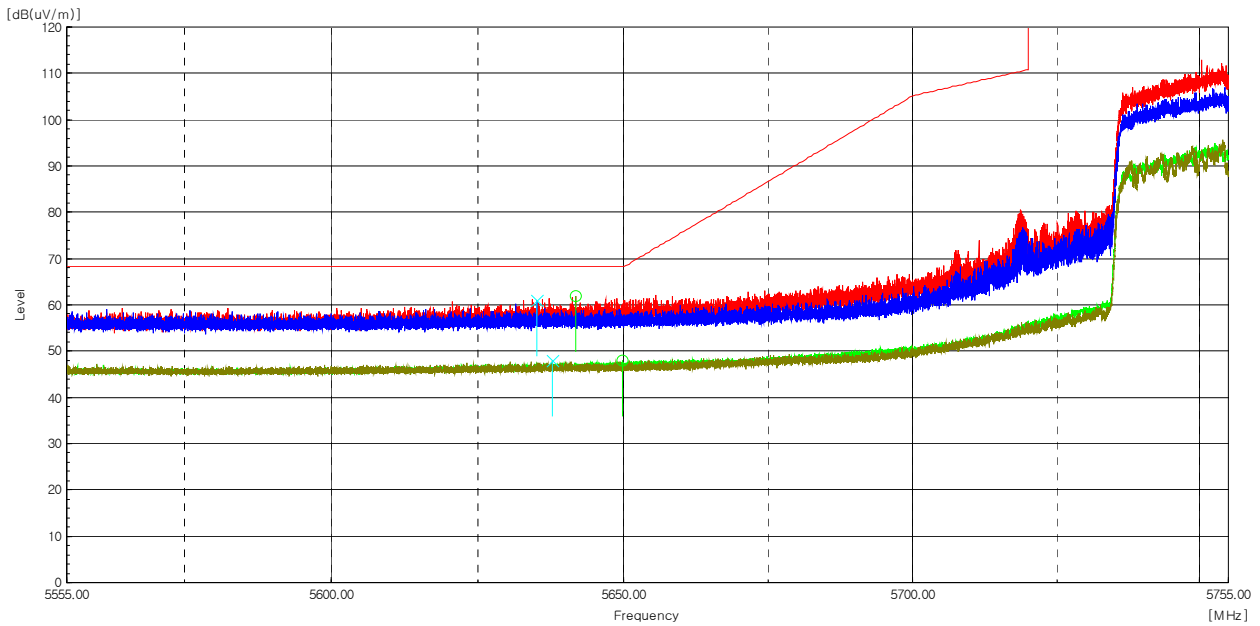
Radiated Restricted Band Edge Plot



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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_484T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 755 MHz |
| Channel : | 151 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 641.84 | H | 57.9 | 4.1 | ----- | 62.0 | ----- | 68.2 | ----- | 6.2 | ----- | Peak |
| 5 635.02 | V | 57.0 | 4.1 | ----- | 61.1 | ----- | 68.2 | ----- | 7.1 | ----- | Peak |

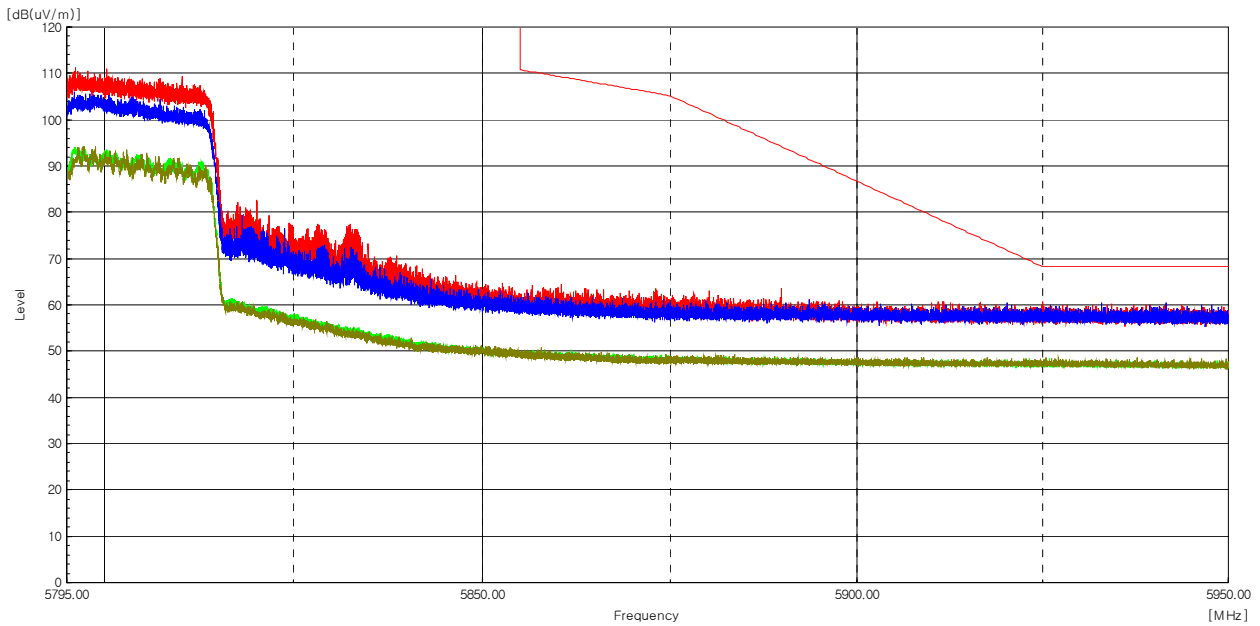
Radiated Restricted Band Edge Plot



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Report No.:
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| | |
|----------------------------|--------------------|
| Worst Case Mode : | 802.11ax_HE40_484T |
| Worst Case Transfer Rate : | MCS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 795 MHz |
| Channel : | 159 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Radiated Restricted Band Edge Plot



Test mode : Transmitter, 802.11ac_VHT80

The requirements are:

Complies

Test Data

Ch.42(5 210 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Ch.58(5 290 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 10 589.32 | H | 45.0 | 11.8 | ----- | 56.8 | ----- | 68.2 | ----- | 11.4 | ----- | Peak |
| 10 596.27 | V | 44.7 | 11.8 | ----- | 56.5 | ----- | 68.2 | ----- | 11.7 | ----- | Peak |

Ch.106(5 530 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 080.78 | H | 45.5 | 12.2 | ----- | 57.7 | ----- | 74.0 | ----- | 16.3 | ----- | Peak |
| 11 085.92 | H | 34.1 | 12.2 | 0.9 | ----- | 47.2 | ----- | 54.0 | ----- | 6.8 | Average |
| 11 039.13 | V | 44.8 | 12.2 | ----- | 57.0 | ----- | 74.0 | ----- | 17.0 | ----- | Peak |
| 11 054.44 | V | 33.6 | 12.2 | 0.9 | ----- | 46.7 | ----- | 54.0 | ----- | 7.3 | Average |

Ch.122(5 610 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 236.24 | H | 45.7 | 12.8 | ----- | 58.5 | ----- | 74.0 | ----- | 15.5 | ----- | Peak |
| 11 245.94 | H | 33.4 | 12.8 | 0.9 | ----- | 47.1 | ----- | 54.0 | ----- | 6.9 | Average |
| 11 190.51 | V | 44.5 | 12.7 | ----- | 57.2 | ----- | 74.0 | ----- | 16.8 | ----- | Peak |
| 11 269.77 | V | 32.8 | 12.8 | 0.9 | ----- | 46.5 | ----- | 54.0 | ----- | 7.5 | Average |



Ch.138(5 690 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 407.36 | H | 47.0 | 12.4 | ----- | 59.4 | ----- | 74.0 | ----- | 14.6 | ----- | Peak |
| 11 387.56 | H | 34.7 | 12.3 | 0.9 | ----- | 47.9 | ----- | 54.0 | ----- | 6.1 | Average |
| 11 380.85 | V | 46.1 | 12.2 | ----- | 58.3 | ----- | 74.0 | ----- | 15.7 | ----- | Peak |
| 11 439.02 | V | 34.2 | 12.7 | 0.9 | ----- | 47.8 | ----- | 54.0 | ----- | 6.2 | Average |

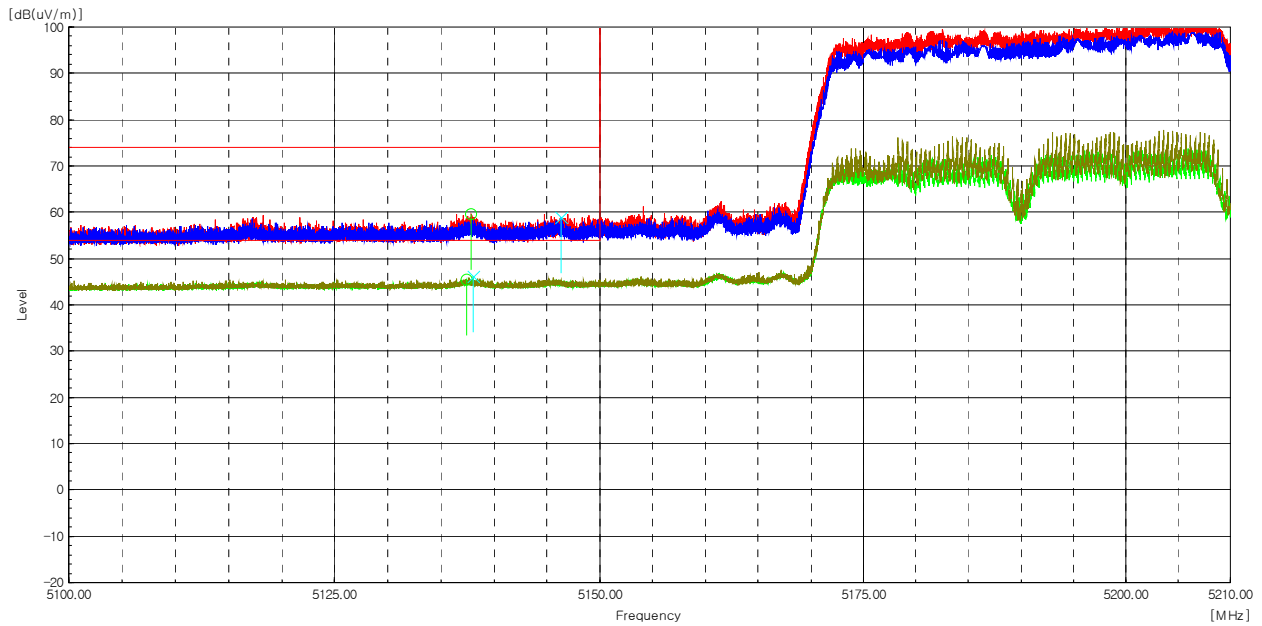
Ch.155(5 775 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 542.33 | H | 46.3 | 12.7 | ----- | 59.0 | ----- | 74.0 | ----- | 15.0 | ----- | Peak |
| 11 548.29 | H | 34.2 | 12.8 | 0.9 | ----- | 47.9 | ----- | 54.0 | ----- | 6.1 | Average |
| 11 483.87 | V | 44.6 | 12.6 | ----- | 57.2 | ----- | 74.0 | ----- | 16.8 | ----- | Peak |
| 11 559.56 | V | 33.4 | 12.8 | 0.9 | ----- | 47.1 | ----- | 54.0 | ----- | 6.9 | Average |
| 17 358.02 | H | 45.9 | 19.7 | ----- | 65.6 | ----- | 68.2 | ----- | 2.6 | ----- | Peak |
| 17 359.16 | V | 46.9 | 19.8 | ----- | 66.7 | ----- | 68.2 | ----- | 1.5 | ----- | Peak |

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Y axis) and the worst case was recorded.
2. Peak Result = Reading + c.f(Correction factor)
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain

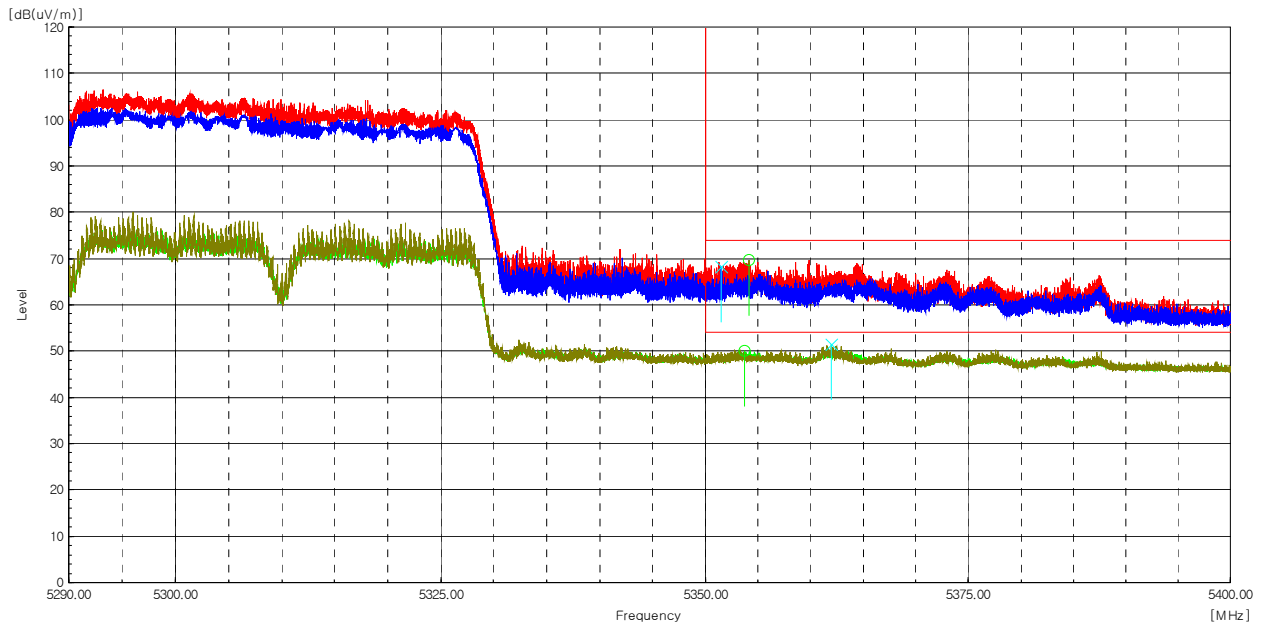
| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT80 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 210 MHz |
| Channel : | 42 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 137.89 | H | 57.1 | 2.6 | ----- | 59.7 | ----- | 74.0 | ----- | 14.3 | ----- | Peak |
| 5 137.43 | H | 42.9 | 2.6 | 0.9 | ----- | 46.4 | ----- | 54.0 | ----- | 7.6 | Average |
| 5 146.35 | V | 56.3 | 2.6 | ----- | 58.9 | ----- | 74.0 | ----- | 15.1 | ----- | Peak |
| 5 138.09 | V | 43.4 | 2.6 | 0.9 | ----- | 46.9 | ----- | 54.0 | ----- | 7.1 | Average |

Radiated Restricted Band Edge Plot

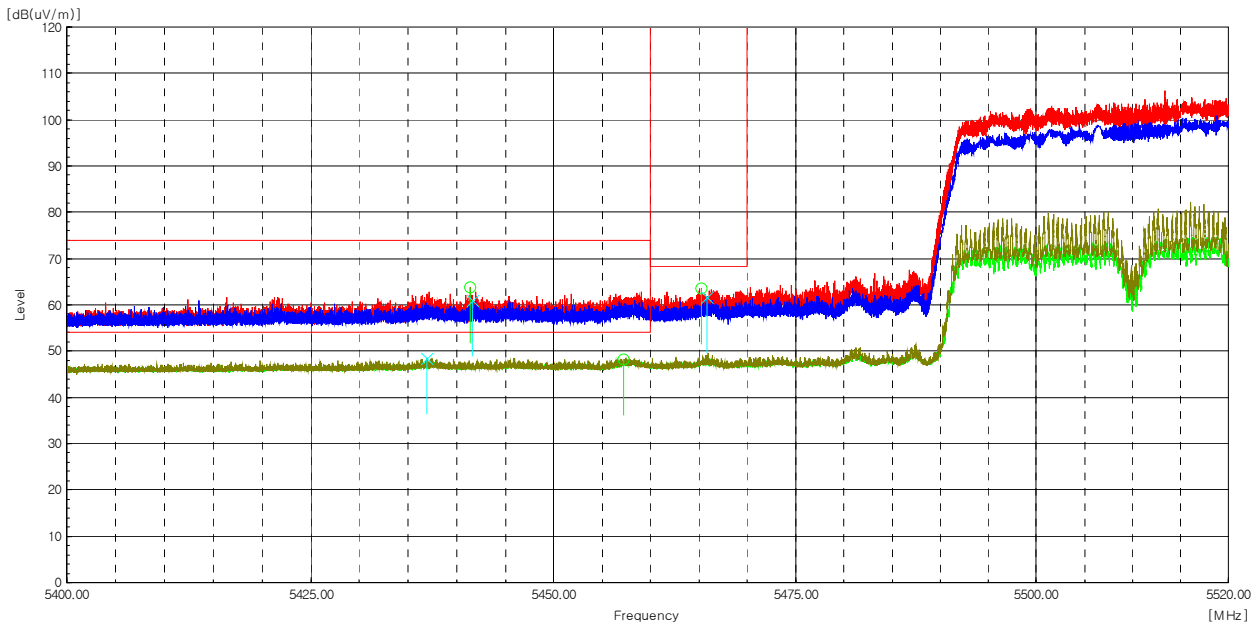
| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT80 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 290 MHz |
| Channel : | 58 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 354.12 | H | 66.5 | 3.2 | ----- | 69.7 | ----- | 74.0 | ----- | 4.3 | ----- | Peak |
| 5 353.76 | H | 46.9 | 3.2 | 0.9 | ----- | 51.0 | ----- | 54.0 | ----- | 3.0 | Average |
| 5 351.55 | V | 65.1 | 3.2 | ----- | 68.3 | ----- | 74.0 | ----- | 5.7 | ----- | Peak |
| 5 362.00 | V | 48.1 | 3.3 | 0.9 | ----- | 52.3 | ----- | 54.0 | ----- | 1.7 | Average |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT80 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 530 MHz |
| Channel : | 106 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 5 441.44 | H | 60.3 | 3.5 | ----- | 63.8 | ----- | 74.0 | ----- | 10.2 | ----- | Peak |
| 5 457.25 | H | 44.5 | 3.6 | 0.9 | ----- | 49.0 | ----- | 54.0 | ----- | 5.0 | Average |
| 5 441.63 | V | 57.5 | 3.5 | ----- | 61.0 | ----- | 74.0 | ----- | 13.0 | ----- | Peak |
| 5 436.89 | V | 45.0 | 3.5 | 0.9 | ----- | 49.4 | ----- | 54.0 | ----- | 4.6 | Average |
| 5 465.26 | H | 59.7 | 3.7 | ----- | 63.4 | ----- | 68.2 | ----- | 4.8 | ----- | Peak |
| 5 465.81 | V | 58.0 | 3.7 | ----- | 61.7 | ----- | 68.2 | ----- | 6.5 | ----- | Peak |

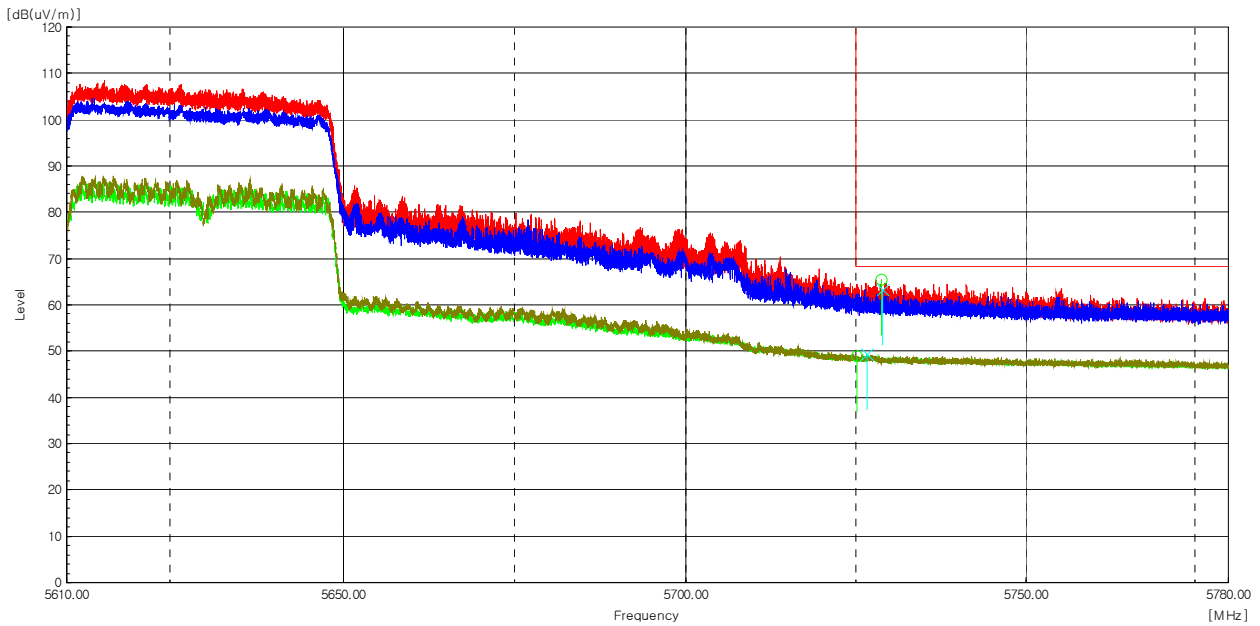
Radiated Restricted Band Edge Plot



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Report No.:
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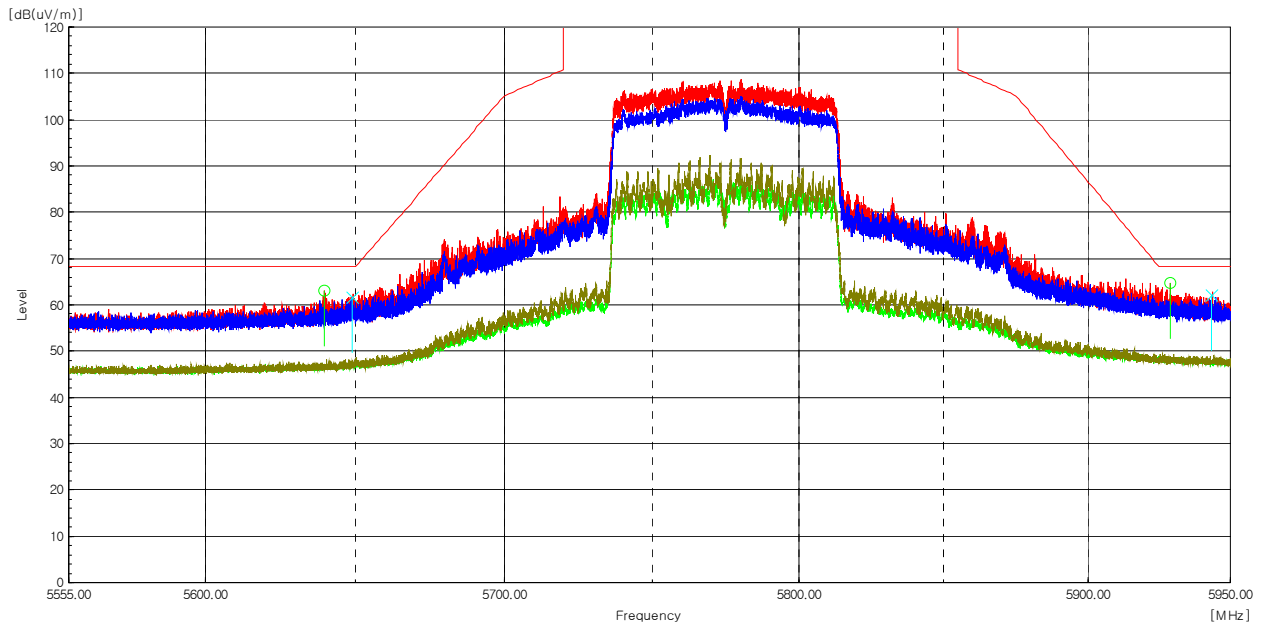
| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT80 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 610 MHz |
| Channel : | 122 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 728.66 | H | 61.2 | 4.2 | ----- | 65.4 | ----- | 68.2 | ----- | 2.8 | ----- | Peak |
| 5 728.84 | V | 59.0 | 4.2 | ----- | 63.2 | ----- | 68.2 | ----- | 5.0 | ----- | Peak |

Radiated Restricted Band Edge Plot

| | |
|----------------------------|----------------|
| Worst Case Mode : | 802.11ac_VHT80 |
| Worst Case Transfer Rate : | MNSS 0 |
| Distance of Measurements : | 3 Meters |
| Operating Frequency : | 5 775 MHz |
| Channel : | 155 |



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
| 5 639.77 | H | 59.0 | 4.1 | ----- | 63.1 | ----- | 68.2 | ----- | 5.1 | ----- | Peak |
| 5 648.95 | V | 57.6 | 4.1 | ----- | 61.7 | ----- | 68.2 | ----- | 6.5 | ----- | Peak |
| 5 929.08 | H | 59.6 | 5.0 | ----- | 64.6 | ----- | 68.2 | ----- | 3.6 | ----- | Peak |
| 5 943.41 | V | 57.3 | 4.9 | ----- | 62.2 | ----- | 68.2 | ----- | 6.0 | ----- | Peak |

Radiated Restricted Band Edge Plot



Test mode : Transmitter, 802.11ax_HE80_26T

The requirements are:

Complies

Test Data

Ch.42(5 210 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

The emissions above 1 GHz were 20 dB lower than the limit.

Ch.58(5 290 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 10 656.48 | H | 48.1 | 11.8 | ----- | 59.9 | ----- | 74.0 | ----- | 14.1 | ----- | Peak |
| 10 656.42 | H | 33.2 | 11.8 | 0.2 | ----- | 45.2 | ----- | 54.0 | ----- | 8.8 | Average |
| 10 656.25 | V | 43.4 | 11.8 | ----- | 55.2 | ----- | 74.0 | ----- | 18.8 | ----- | Peak |
| 10 655.31 | V | 32.8 | 11.8 | 0.2 | ----- | 44.8 | ----- | 54.0 | ----- | 9.2 | Average |

Ch.106(5 530 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 136.26 | H | 50.2 | 12.5 | ----- | 62.7 | ----- | 74.0 | ----- | 11.3 | ----- | Peak |
| 11 136.43 | H | 35.1 | 12.5 | 0.2 | ----- | 47.8 | ----- | 54.0 | ----- | 6.2 | Average |
| 11 135.38 | V | 43.3 | 12.4 | ----- | 55.7 | ----- | 74.0 | ----- | 18.3 | ----- | Peak |
| 11 134.21 | V | 32.3 | 12.4 | 0.2 | ----- | 44.9 | ----- | 54.0 | ----- | 9.1 | Average |

Ch.122(5 610 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 296.40 | H | 49.6 | 12.6 | ----- | 62.2 | ----- | 74.0 | ----- | 11.8 | ----- | Peak |
| 11 296.34 | H | 34.7 | 12.6 | 0.2 | ----- | 47.5 | ----- | 54.0 | ----- | 6.5 | Average |
| 11 297.16 | V | 43.6 | 12.6 | ----- | 56.2 | ----- | 74.0 | ----- | 17.8 | ----- | Peak |
| 11 296.16 | V | 32.5 | 12.6 | 0.2 | ----- | 45.3 | ----- | 54.0 | ----- | 8.7 | Average |



Ch.138(5 690 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 457.00 | H | 48.9 | 12.7 | ----- | 61.6 | ----- | 74.0 | ----- | 12.4 | ----- | Peak |
| 11 455.19 | H | 34.6 | 12.7 | 0.2 | ----- | 47.5 | ----- | 54.0 | ----- | 6.5 | Average |
| 11 455.49 | V | 44.0 | 12.7 | ----- | 56.7 | ----- | 74.0 | ----- | 17.3 | ----- | Peak |
| 11 454.26 | V | 32.7 | 12.7 | 0.2 | ----- | 45.6 | ----- | 54.0 | ----- | 8.4 | Average |

Ch.155(5 775 MHz)

| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Duty Cycle Factor [dB] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 11 626.20 | H | 51.6 | 12.9 | ----- | 64.5 | ----- | 74.0 | ----- | 9.5 | ----- | Peak |
| 11 625.79 | H | 35.7 | 12.9 | 0.2 | ----- | 48.8 | ----- | 54.0 | ----- | 5.2 | Average |
| 11 625.85 | V | 43.6 | 12.9 | ----- | 56.5 | ----- | 74.0 | ----- | 17.5 | ----- | Peak |
| 11 624.91 | V | 32.4 | 12.9 | 0.2 | ----- | 45.5 | ----- | 54.0 | ----- | 8.5 | Average |

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down positon(X,Y axis). The worst emission was found in lie-down positon(Y axis) and the worst case was recorded.
2. Peak Result = Reading + c.f(Correction factor)
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain