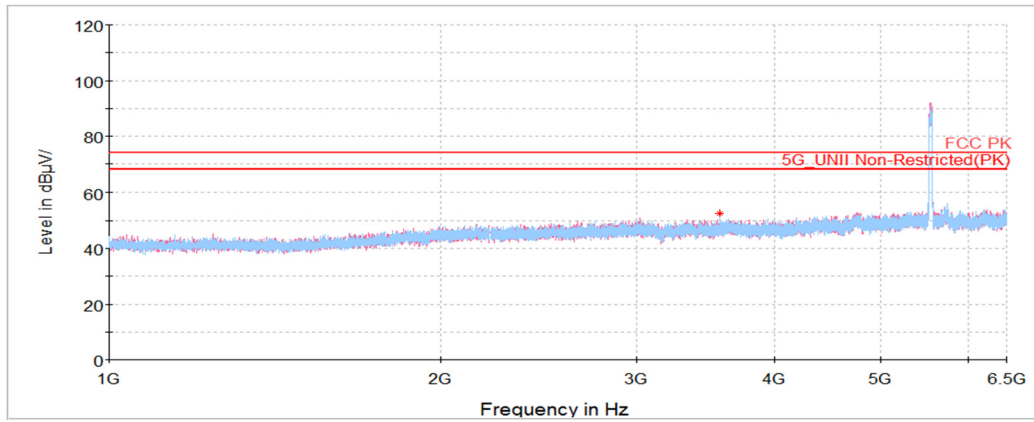
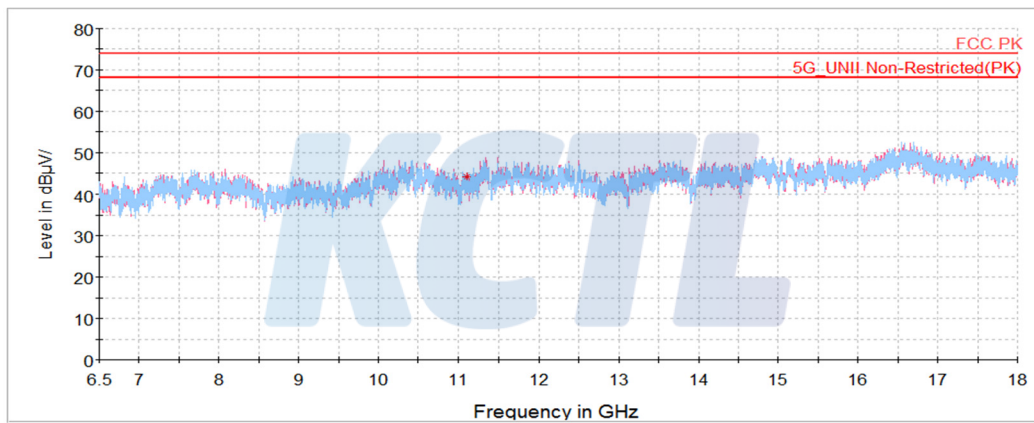
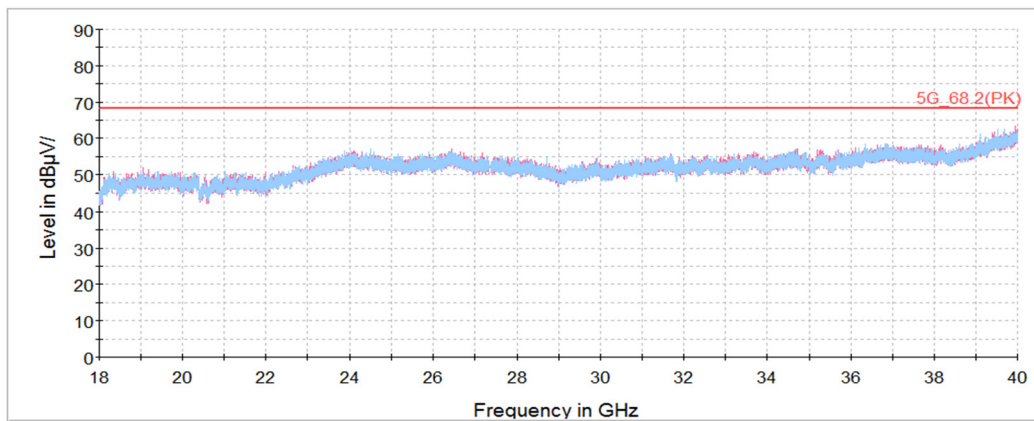
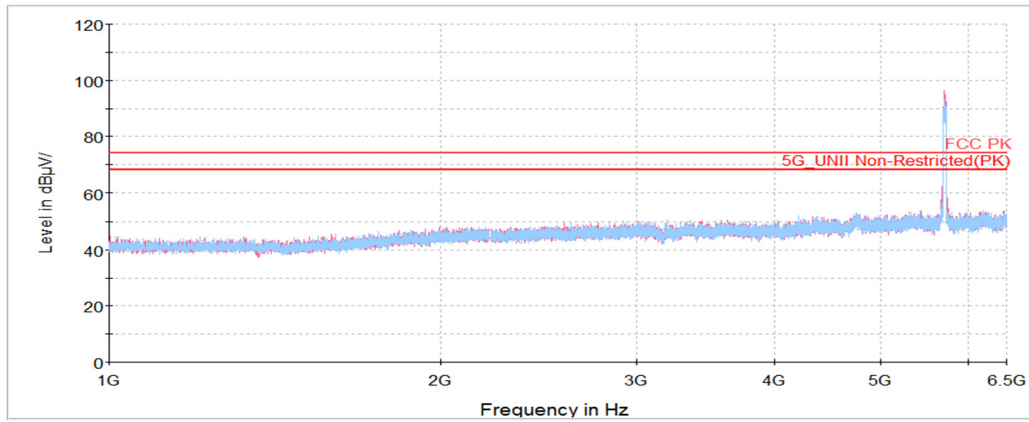
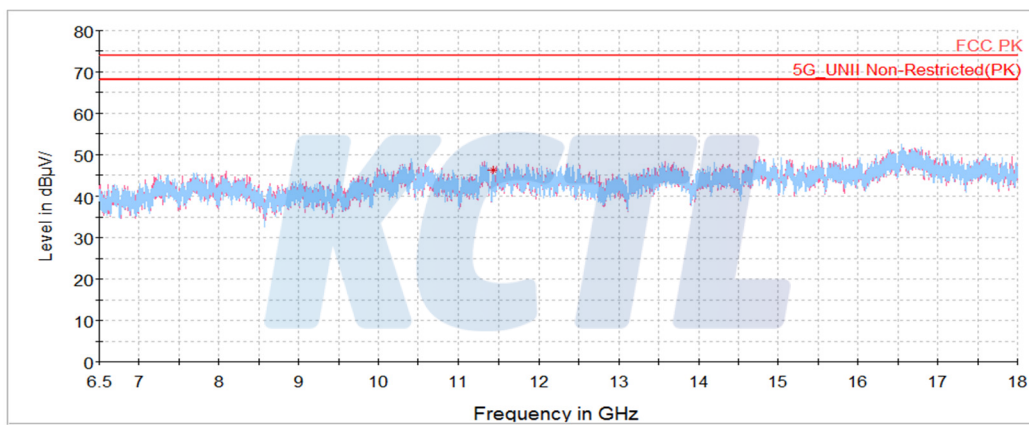
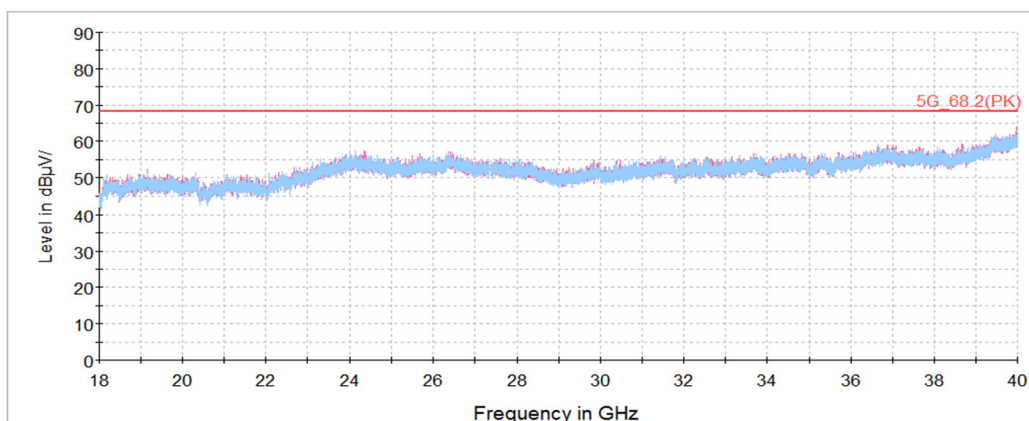


**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

### Highest Channel (5 710 MHz)

| Frequency                                                      | Pol.  | Reading         | Ant. Factor | Amp.+Cable | DCCF | Result            | Limit             | Margin |
|----------------------------------------------------------------|-------|-----------------|-------------|------------|------|-------------------|-------------------|--------|
| (MHz)                                                          | (V/H) | (dB( $\mu V$ )) | (dB)        | (dB)       | (dB) | (dB( $\mu V/m$ )) | (dB( $\mu V/m$ )) | (dB)   |
| <b>Peak data</b>                                               |       |                 |             |            |      |                   |                   |        |
| 11 420.92 <sup>1)</sup>                                        | V     | 56.76           | 38.12       | -48.63     | -    | 46.25             | 74.00             | 27.75  |
| <b>Average Data</b>                                            |       |                 |             |            |      |                   |                   |        |
| No spurious emissions were detected within 20 dB of the limit. |       |                 |             |            |      |                   |                   |        |



**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

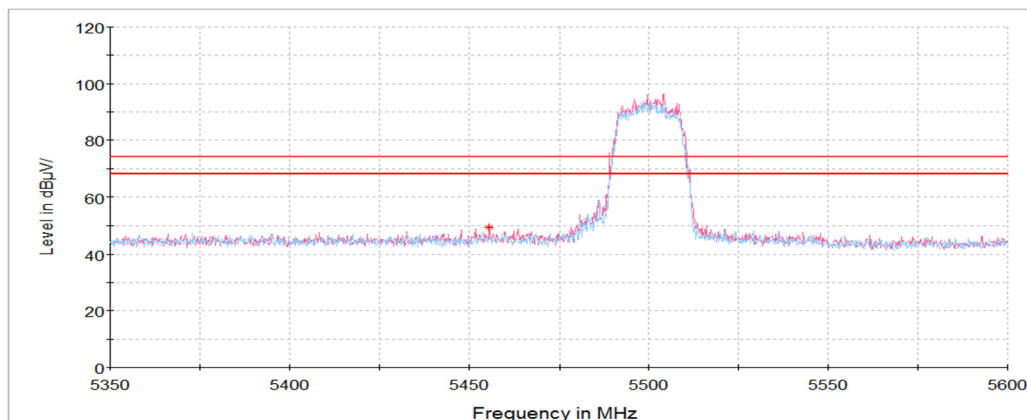
**802.11ac VHT20 UNII-2C**
**Lowest Channel (5 500 MHz)**

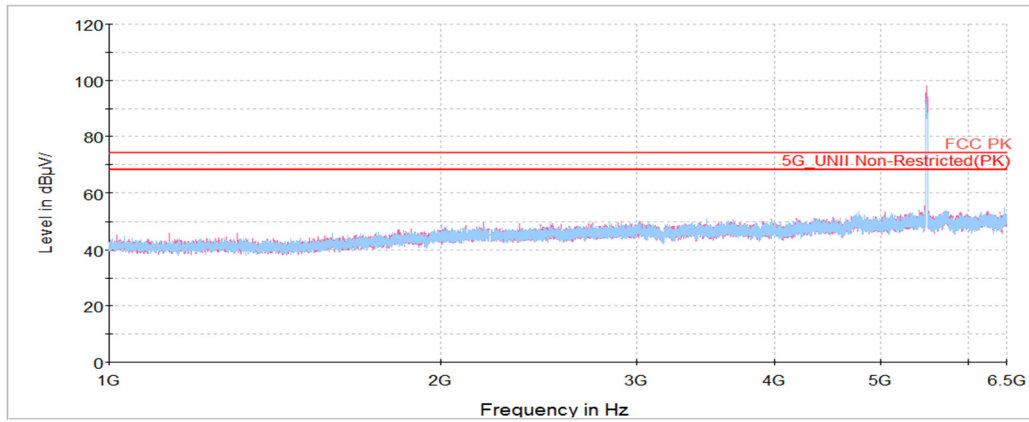
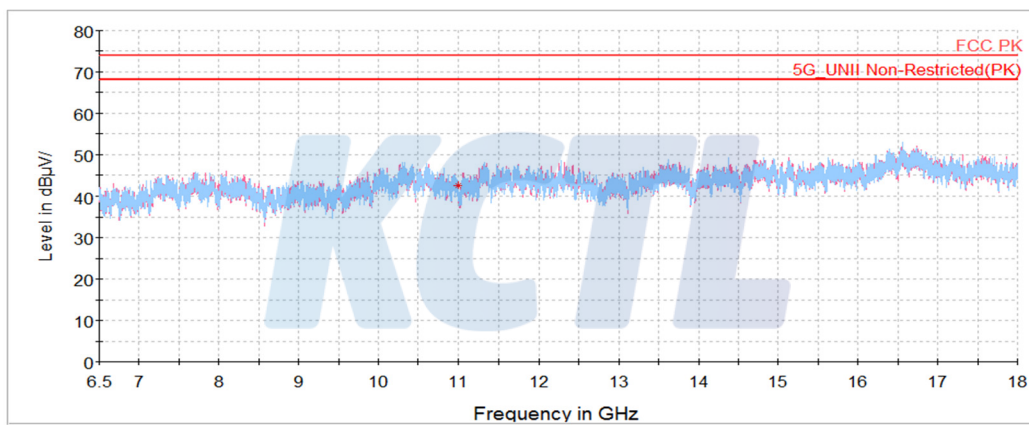
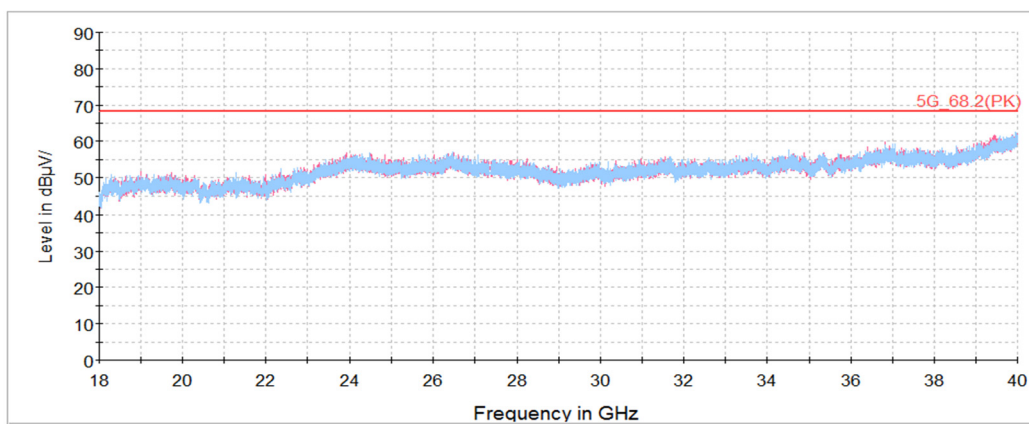
| Frequency               | Pol.  | Reading  | Ant. Factor | Amp.+Cable | DCCF | Result     | Limit      | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz)                   | (V/H) | (dB(μV)) | (dB)        | (dB)       | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB)   |
| <b>Peak data</b>        |       |          |             |            |      |            |            |        |
| 5 459.98 <sup>1)</sup>  | V     | 42.48    | 34.45       | -27.35     | -    | 49.58      | 74.00      | 24.42  |
| 11 001.89 <sup>1)</sup> | H     | 56.22    | 37.70       | -51.37     | -    | 42.55      | 74.00      | 31.45  |
| <b>Average Data</b>     |       |          |             |            |      |            |            |        |
| 5 459.98 <sup>1)</sup>  | V     | 33.00    | 34.45       | -27.35     | 0.31 | 40.41      | 54.00      | 13.59  |

**Average data**

**Average data**

Blank

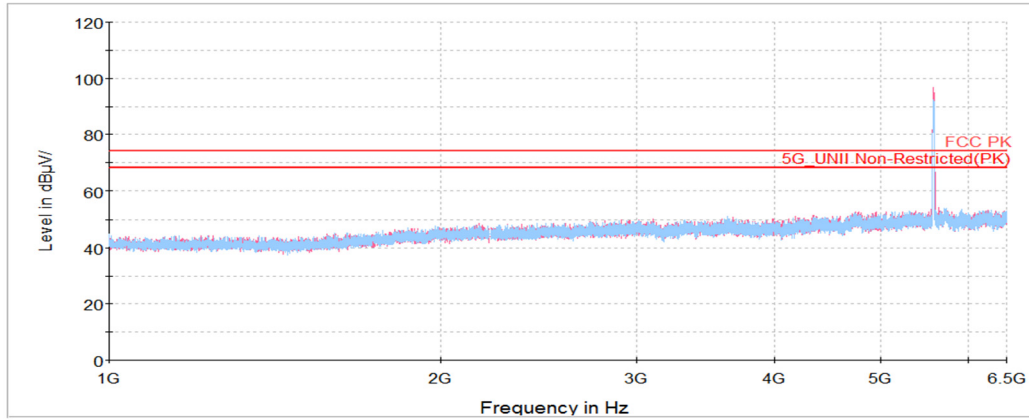
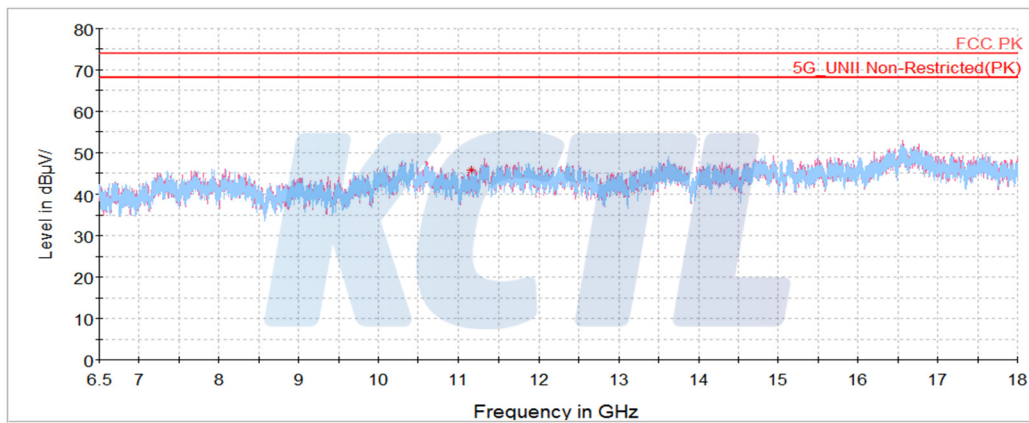
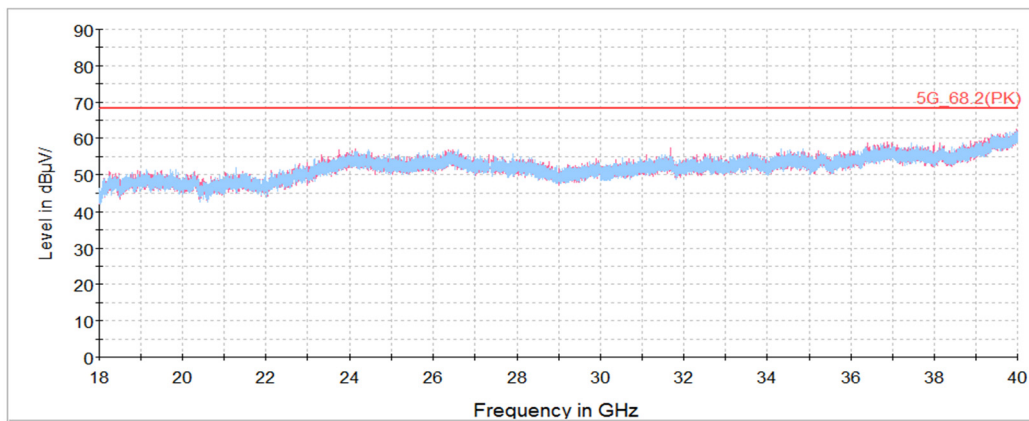
**Horizontal/Vertical for Band-edge**


**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

**Middle Channel (5 580 MHz)**

| Frequency                                                      | Pol.  | Reading  | Ant. Factor | Amp.+Cable | DCCF | Result     | Limit      | Margin |
|----------------------------------------------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz)                                                          | (V/H) | (dB(μV)) | (dB)        | (dB)       | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB)   |
| <b>Peak data</b>                                               |       |          |             |            |      |            |            |        |
| 11 159.66 <sup>1)</sup>                                        | H     | 58.29    | 37.86       | -50.34     | -    | 45.81      | 74.00      | 28.19  |
| <b>Average Data</b>                                            |       |          |             |            |      |            |            |        |
| No spurious emissions were detected within 20 dB of the limit. |       |          |             |            |      |            |            |        |

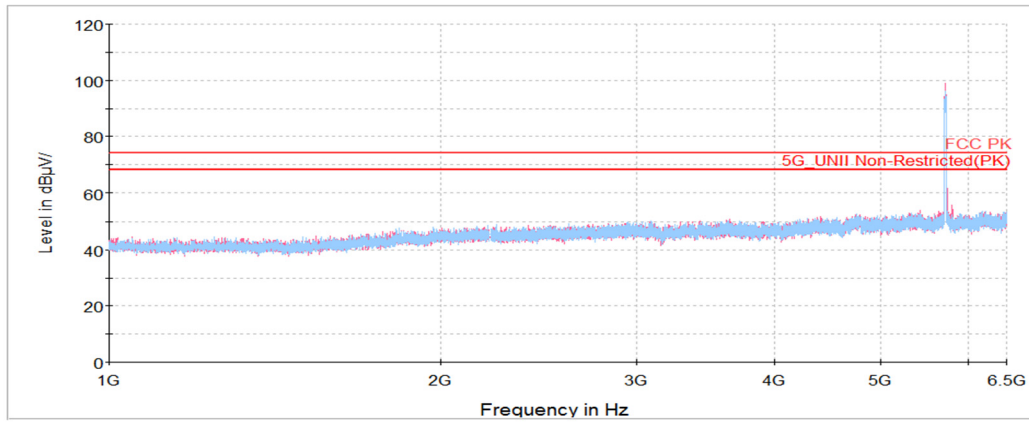
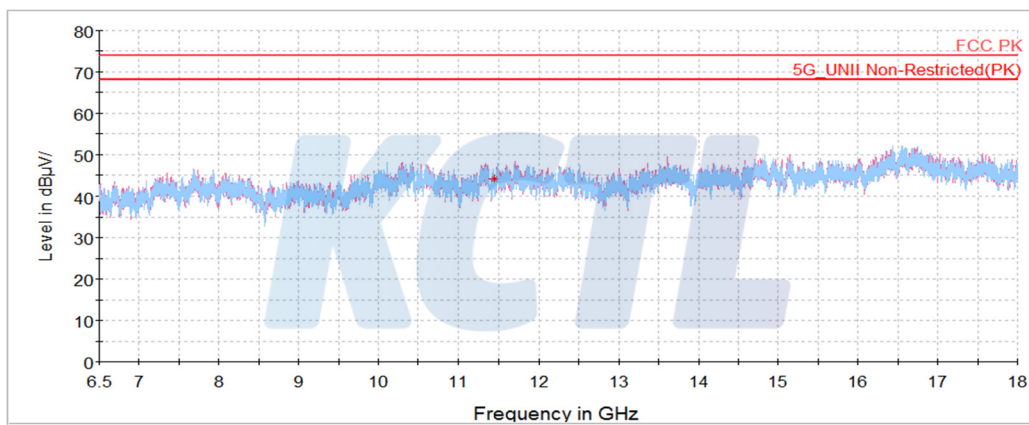
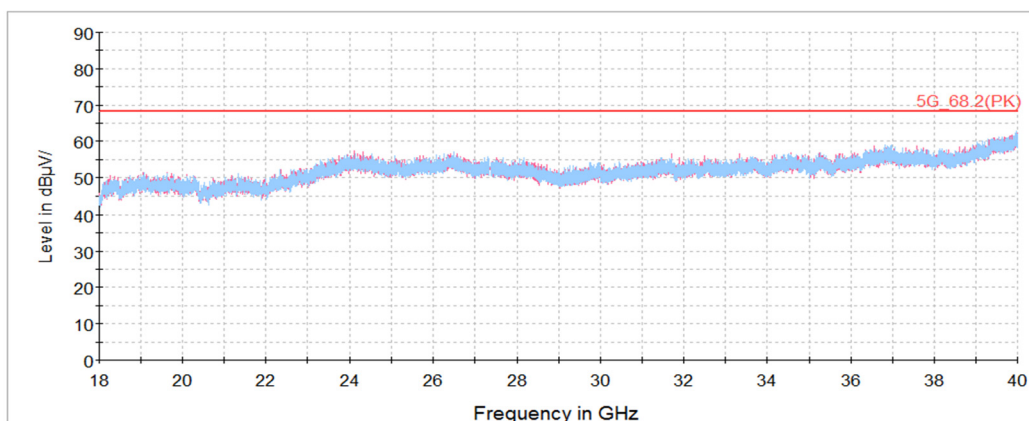


**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

### Highest Channel (5 720 MHz)

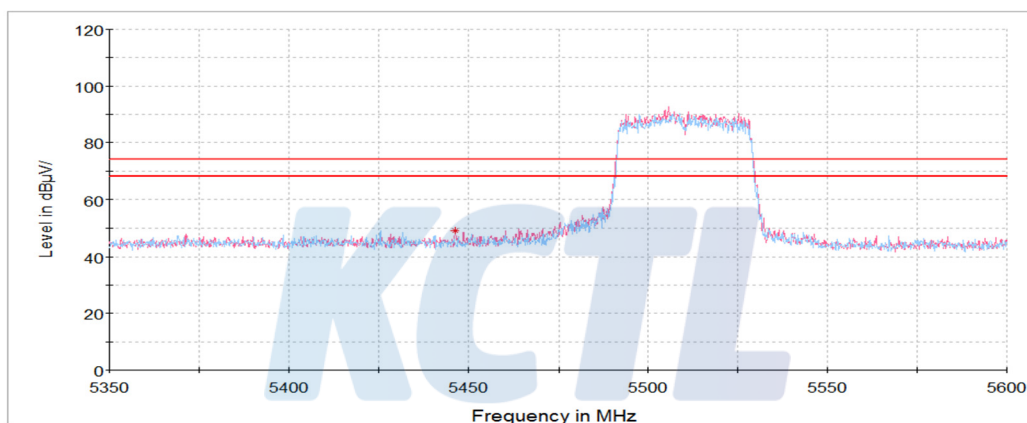
| Frequency                                                      | Pol.  | Reading         | Ant. Factor | Amp.+Cable | DCCF | Result            | Limit             | Margin |
|----------------------------------------------------------------|-------|-----------------|-------------|------------|------|-------------------|-------------------|--------|
| (MHz)                                                          | (V/H) | (dB( $\mu V$ )) | (dB)        | (dB)       | (dB) | (dB( $\mu V/m$ )) | (dB( $\mu V/m$ )) | (dB)   |
| <b>Peak data</b>                                               |       |                 |             |            |      |                   |                   |        |
| 11 441.05 <sup>1)</sup>                                        | H     | 54.51           | 38.14       | -48.5      | -    | 44.15             | 74.00             | 29.85  |
| <b>Average Data</b>                                            |       |                 |             |            |      |                   |                   |        |
| No spurious emissions were detected within 20 dB of the limit. |       |                 |             |            |      |                   |                   |        |

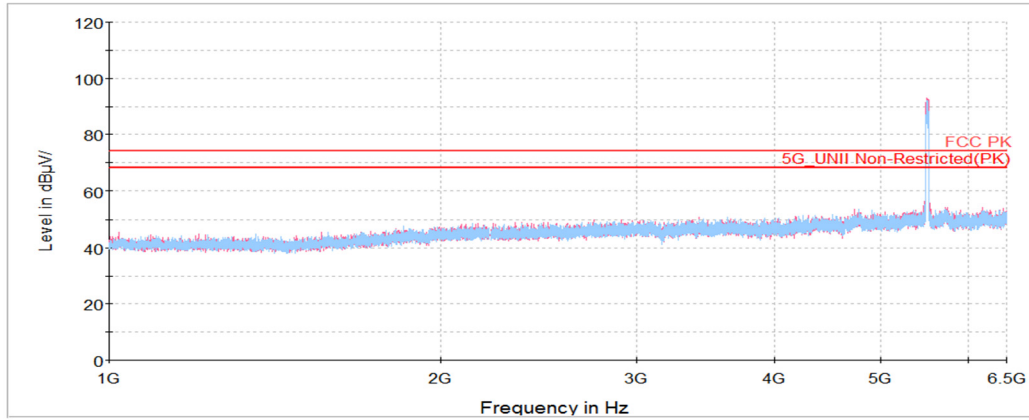
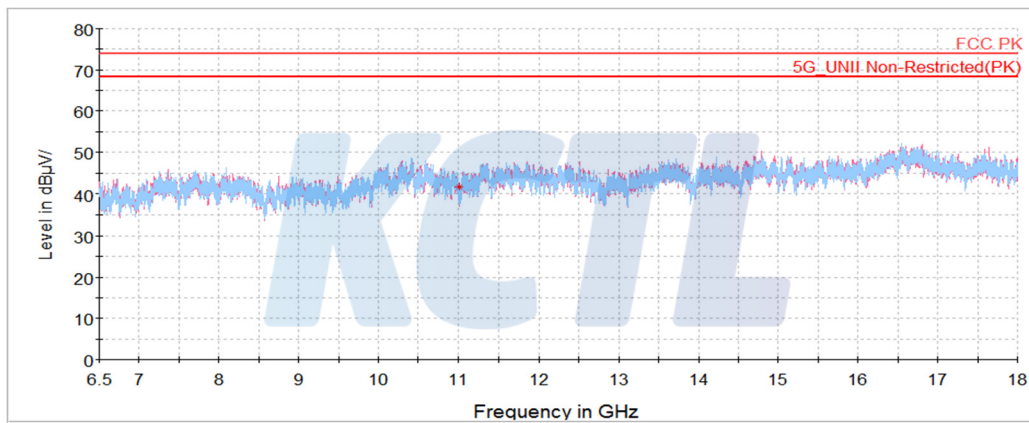
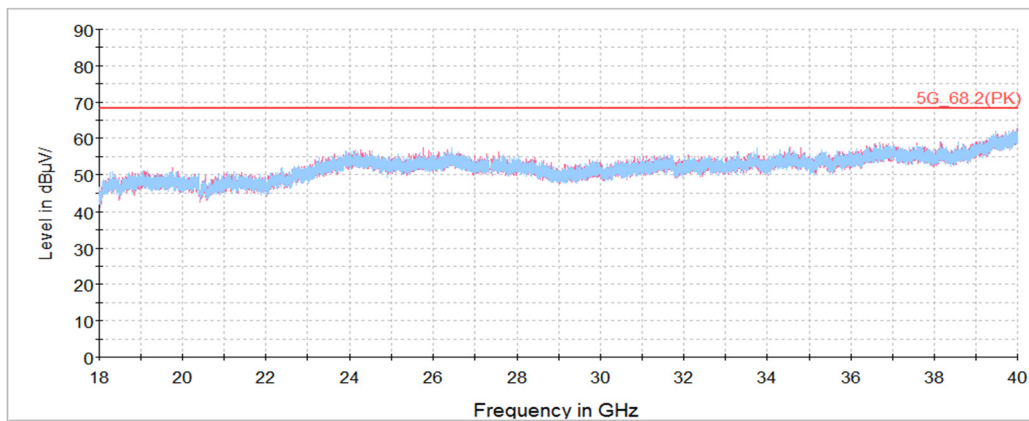
*KCTL*

**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

**802.11ac VHT40 UNII-2C****Lowest Channel (5 510 MHz)**

| Frequency                                                      | Pol.  | Reading        | Ant. Factor | Amp.+Cable | DCCF | Result           | Limit            | Margin |
|----------------------------------------------------------------|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz)                                                          | (V/H) | (dB( $\mu$ V)) | (dB)        | (dB)       | (dB) | (dB( $\mu$ V/m)) | (dB( $\mu$ V/m)) | (dB)   |
| <b>Peak data</b>                                               |       |                |             |            |      |                  |                  |        |
| 5 446.58 <sup>1)</sup>                                         | V     | 42.12          | 34.44       | -27.21     | -    | 49.35            | 74.00            | 24.65  |
| 11 019.14 <sup>1)</sup>                                        | V     | 55.17          | 37.72       | -51.26     | -    | 41.63            | 74.00            | 32.37  |
| <b>Average Data</b>                                            |       |                |             |            |      |                  |                  |        |
| No spurious emissions were detected within 20 dB of the limit. |       |                |             |            |      |                  |                  |        |

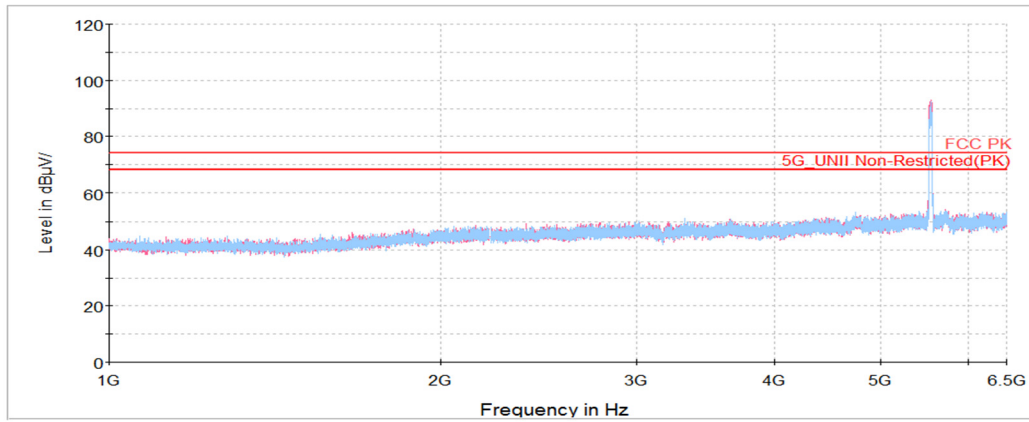
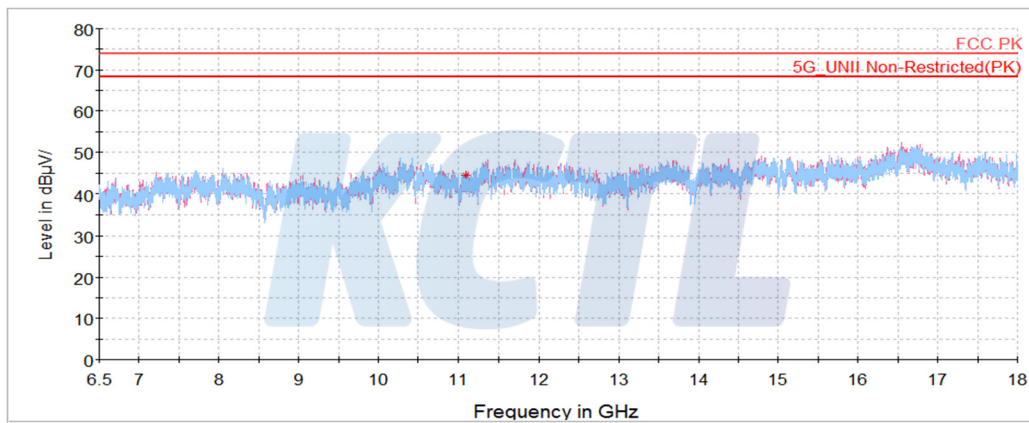
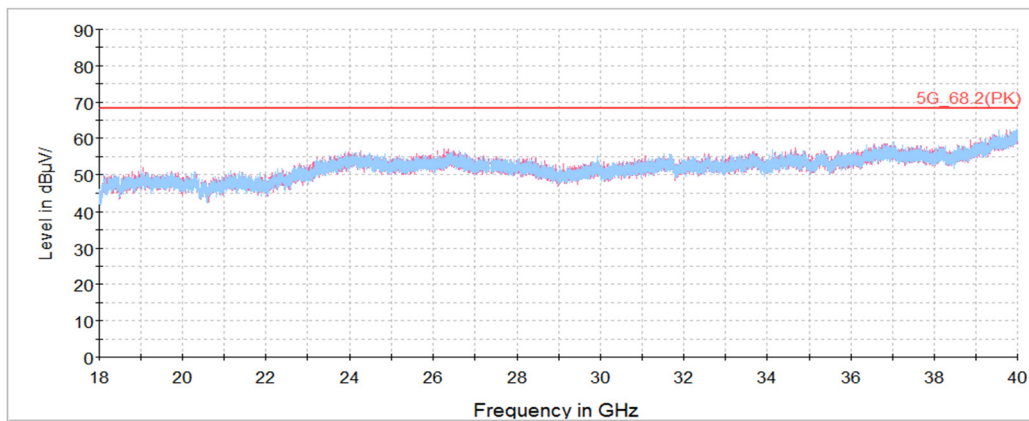
**Horizontal/Vertical for Band-edge**

**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

**Middle Channel (5 590 MHz)**

| Frequency                                                      | Pol.  | Reading         | Ant. Factor | Amp.+Cable | DCCF | Result            | Limit             | Margin |
|----------------------------------------------------------------|-------|-----------------|-------------|------------|------|-------------------|-------------------|--------|
| (MHz)                                                          | (V/H) | (dB( $\mu V$ )) | (dB)        | (dB)       | (dB) | (dB( $\mu V/m$ )) | (dB( $\mu V/m$ )) | (dB)   |
| <b>Peak data</b>                                               |       |                 |             |            |      |                   |                   |        |
| 11 100.36 <sup>1)</sup>                                        | H     | 57.31           | 37.80       | -50.73     | -    | 44.38             | 74.00             | 29.62  |
| <b>Average Data</b>                                            |       |                 |             |            |      |                   |                   |        |
| No spurious emissions were detected within 20 dB of the limit. |       |                 |             |            |      |                   |                   |        |

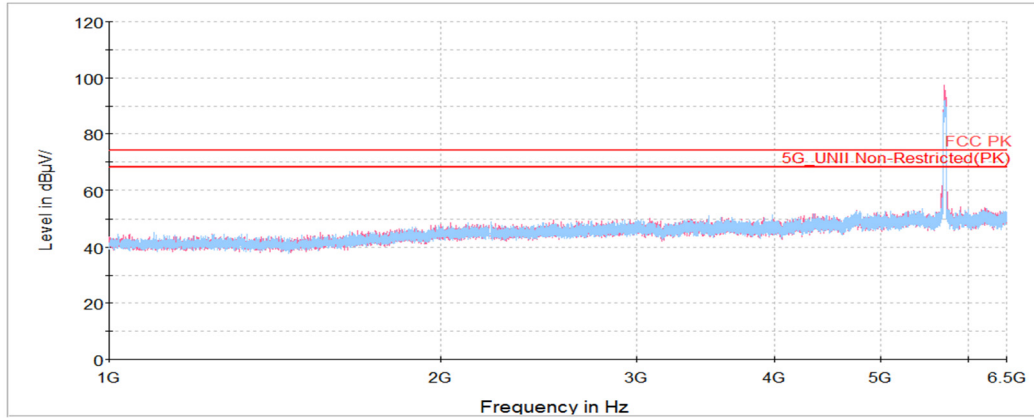
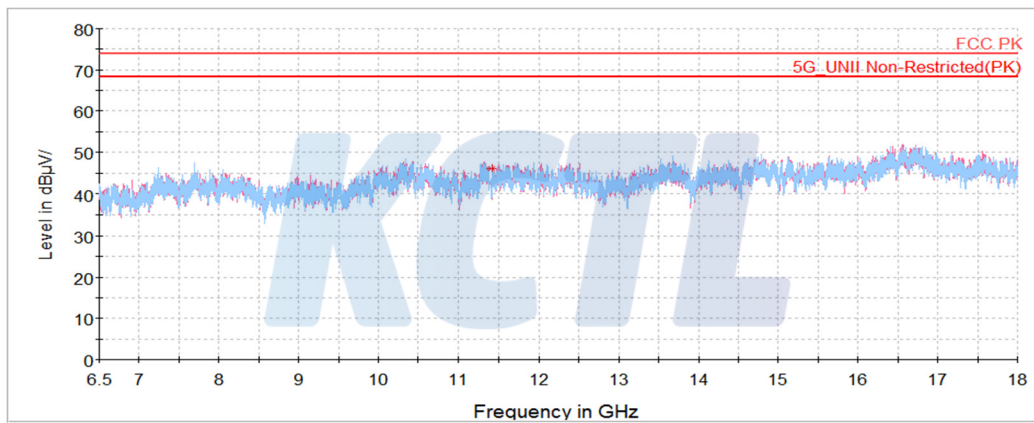
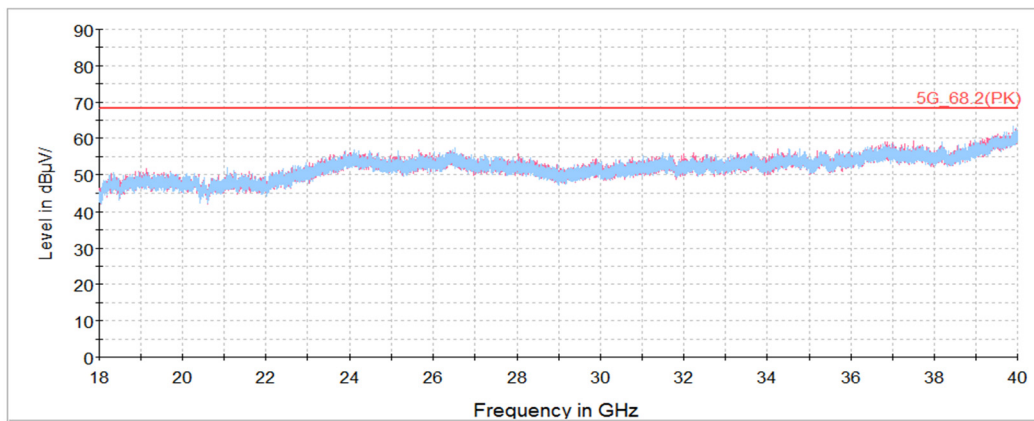


**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

|                                                                                                                                                                                           |                                                        |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>KCTL Inc.</b><br>65, Sinwon-ro, Yeongtong-gu,<br>Suwon-si, Gyeonggi-do, 16677, Korea<br>TEL: 82-31-285-0894 FAX: 82-505-299-8311<br><a href="http://www.kctl.co.kr">www.kctl.co.kr</a> | Report No.:<br>KR20-SRF0051<br><br>Page (169) of (205) |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|

| Frequency                                                      | Pol.  | Reading        | Ant. Factor | Amp.+Cable | DCCF | Result           | Limit            | Margin |
|----------------------------------------------------------------|-------|----------------|-------------|------------|------|------------------|------------------|--------|
| (MHz)                                                          | (V/H) | (dB( $\mu$ V)) | (dB)        | (dB)       | (dB) | (dB( $\mu$ V/m)) | (dB( $\mu$ V/m)) | (dB)   |
| <b>Peak data</b>                                               |       |                |             |            |      |                  |                  |        |
| 11 419.48                                                      | H     | 56.53          | 38.12       | -48.64     | -    | 46.01            | 74.00            | 27.99  |
| <b>Average Data</b>                                            |       |                |             |            |      |                  |                  |        |
| No spurious emissions were detected within 20 dB of the limit. |       |                |             |            |      |                  |                  |        |

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**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

**KCTL Inc.**

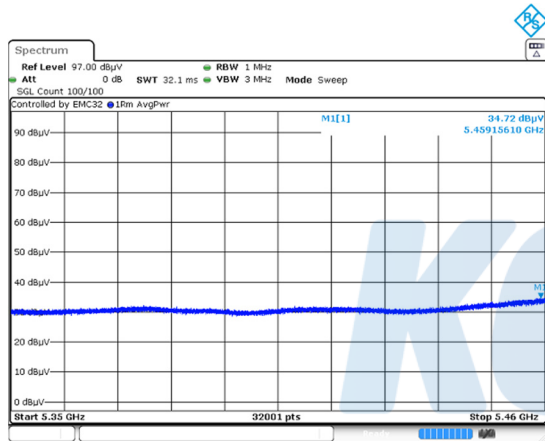
65, Sinwon-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do, 16677, Korea  
TEL: 82-31-285-0894 FAX: 82-505-299-8311  
[www.kctl.co.kr](http://www.kctl.co.kr)

Report No.:  
KR20-SRF0051

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**KCTL****802.11ac VHT80 UNII-2C****Lowest Channel (5 530 MHz)**

| Frequency               | Pol.  | Reading  | Ant. Factor | Amp.+Cable | DCCF | Result     | Limit      | Margin |
|-------------------------|-------|----------|-------------|------------|------|------------|------------|--------|
| (MHz)                   | (V/H) | (dB(μV)) | (dB)        | (dB)       | (dB) | (dB(μV/m)) | (dB(μV/m)) | (dB)   |
| Peak data               |       |          |             |            |      |            |            |        |
| 5 459.16 <sup>1)</sup>  | V     | 44.76    | 34.45       | -27.34     | -    | 51.87      | 74.00      | 22.13  |
| 11 059.03 <sup>1)</sup> | H     | 57.35    | 37.76       | -51.00     | -    | 44.11      | 74.00      | 29.89  |
| Average Data            |       |          |             |            |      |            |            |        |
| 5 459.16 <sup>1)</sup>  | V     | 34.72    | 34.45       | -27.34     | 1.17 | 43.00      | 54.00      | 11.00  |

**Average data****Average data**

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**Horizontal/Vertical for Band-edge**