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TEL: 82-31-285-0894 FAX: 82-505-299-8311
www.kctl.co.kr

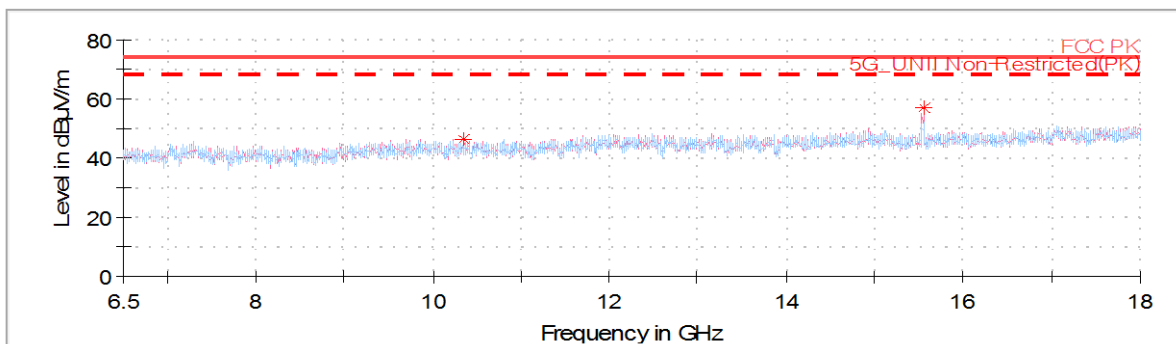
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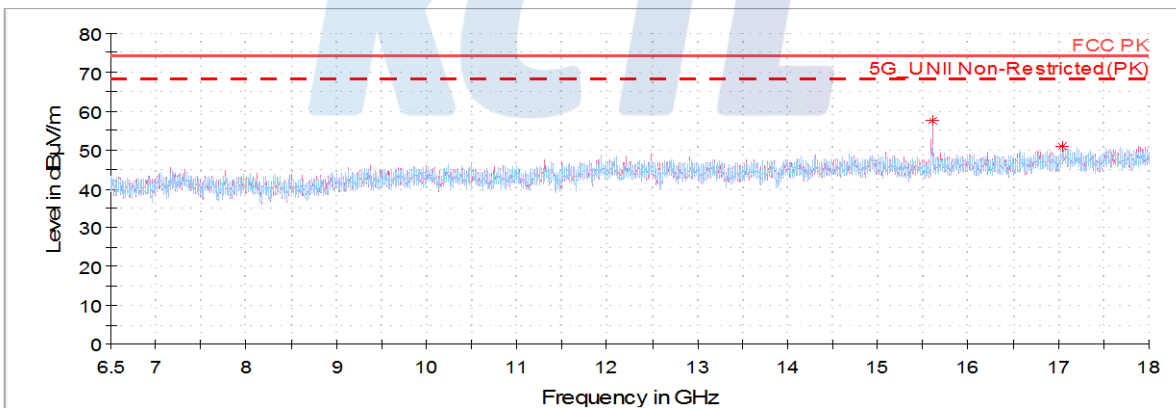
- 6.5 GHz ~ 18 GHz data_U-NII-1

- 802.11a

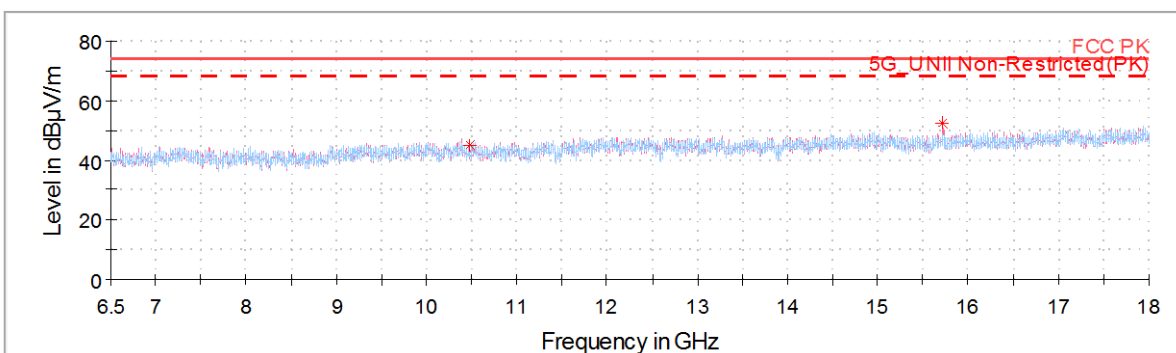
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)



Highest Channel (5 240 MHz)



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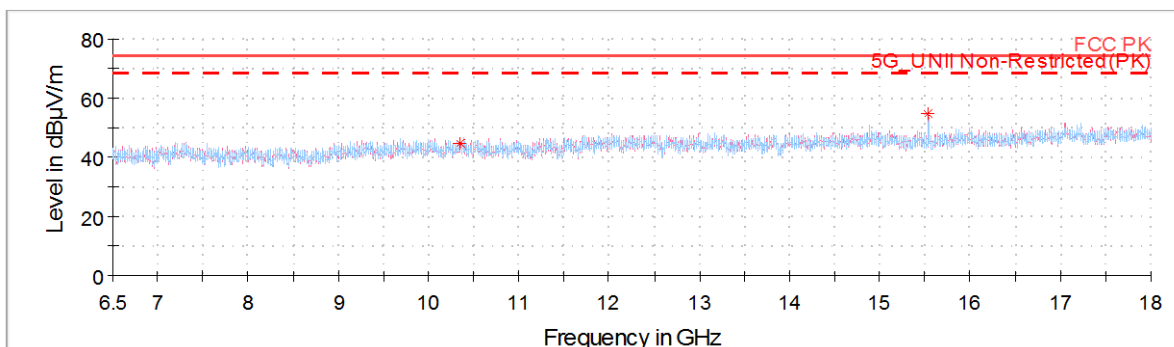
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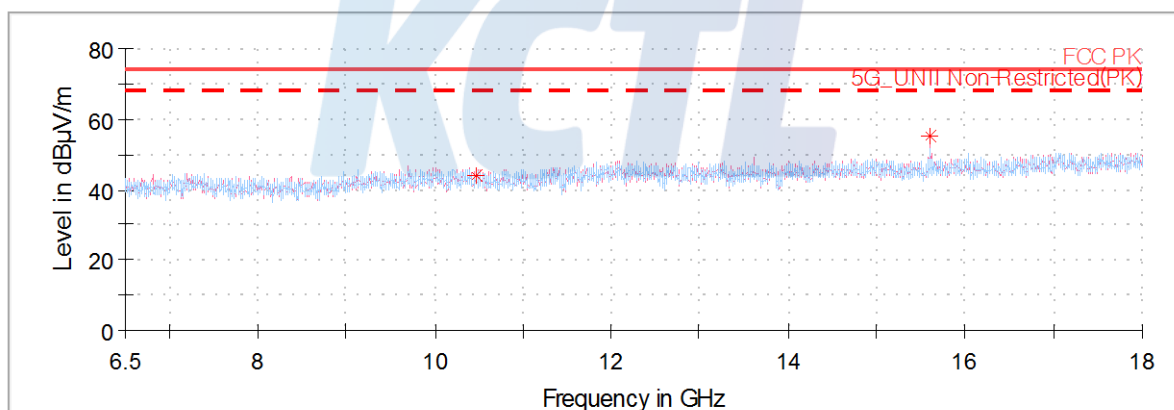
KCTL

- 802.11n HT20

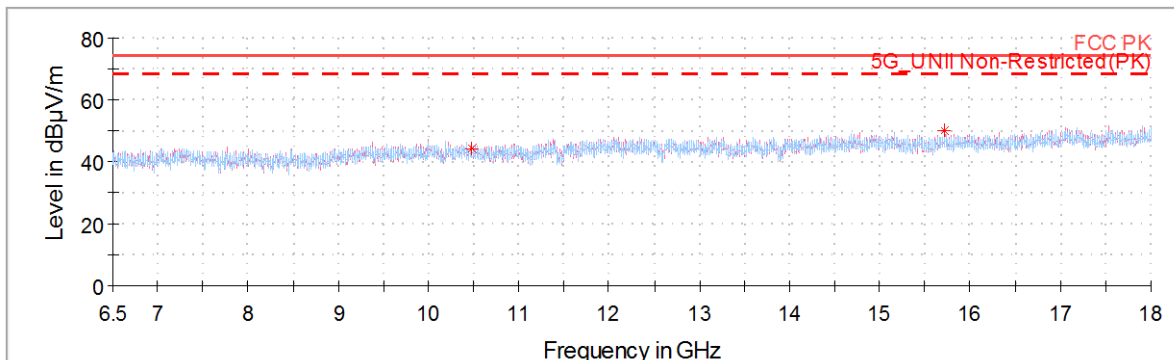
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)



Highest Channel (5 240 MHz)



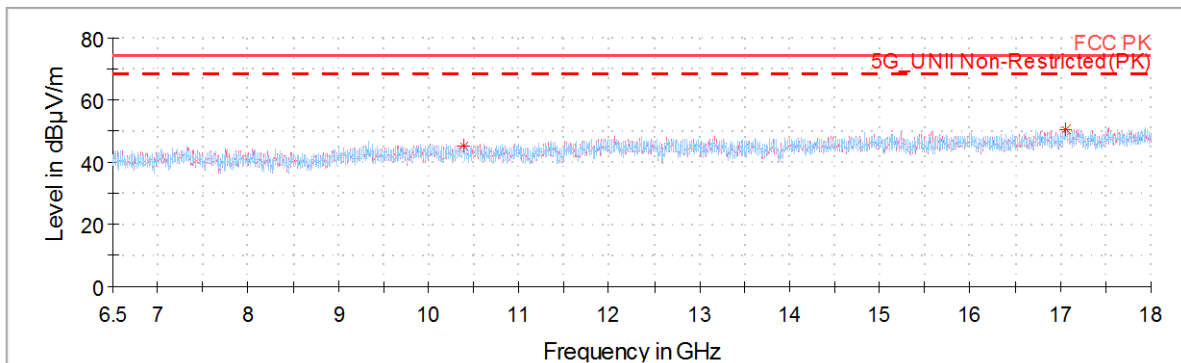
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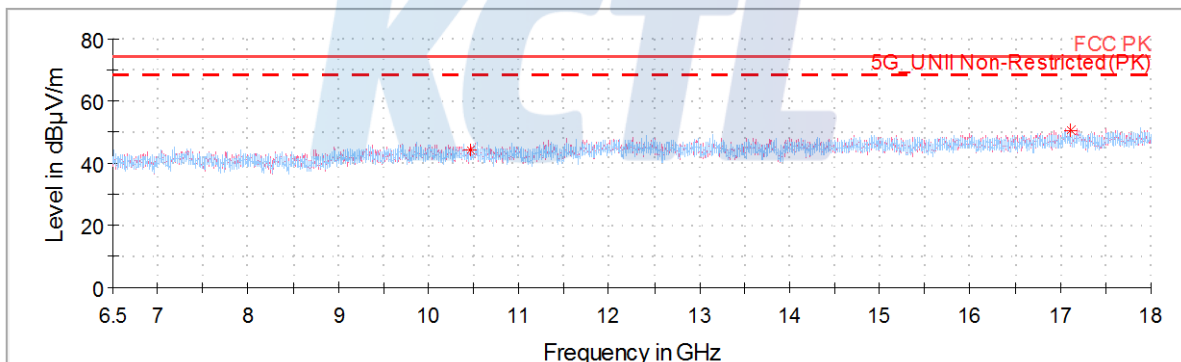
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KCTL**- 802.11n HT40**

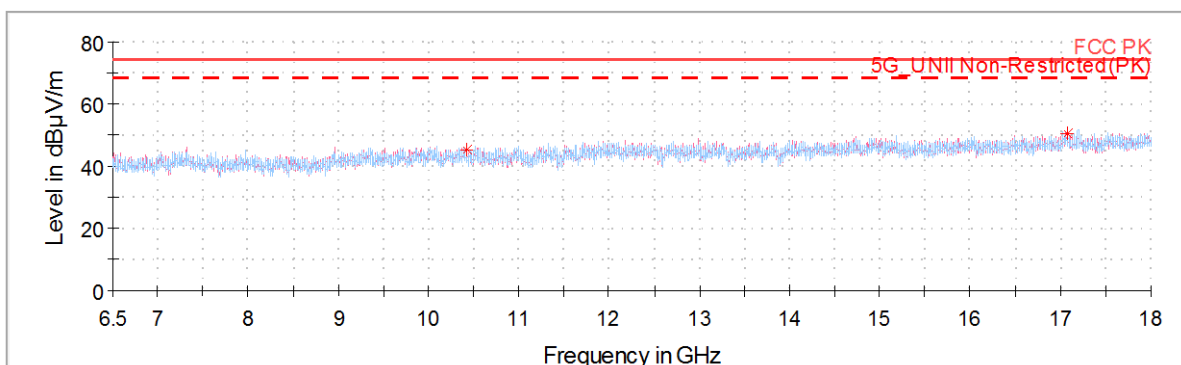
Lowest Channel (5 190 MHz)



Highest Channel (5 230 MHz)

**- 802.11ac VHT80**

Middle Channel (5 210 MHz)



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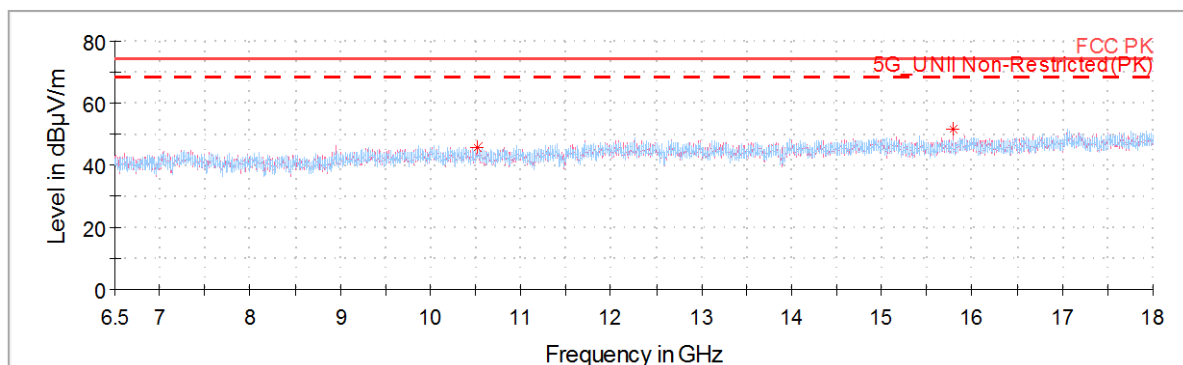
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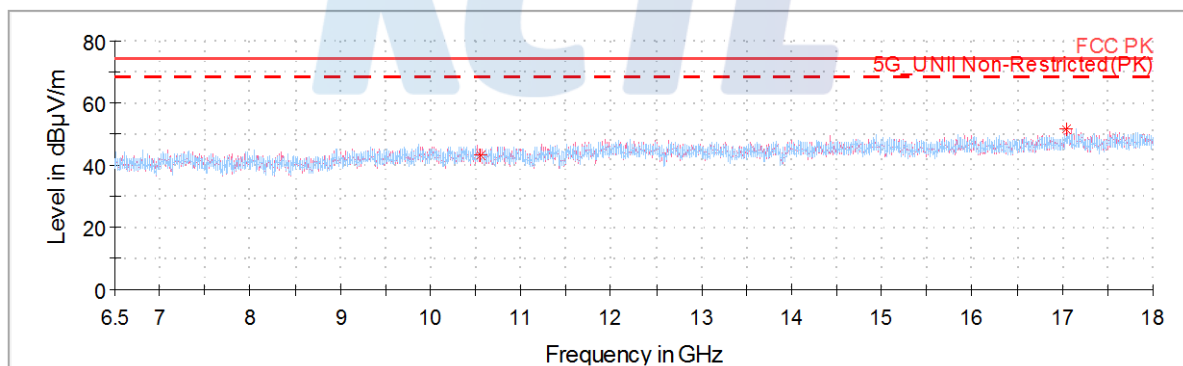
- 6.5 GHz ~ 18 GHz data_U-NII-2A

- 802.11a

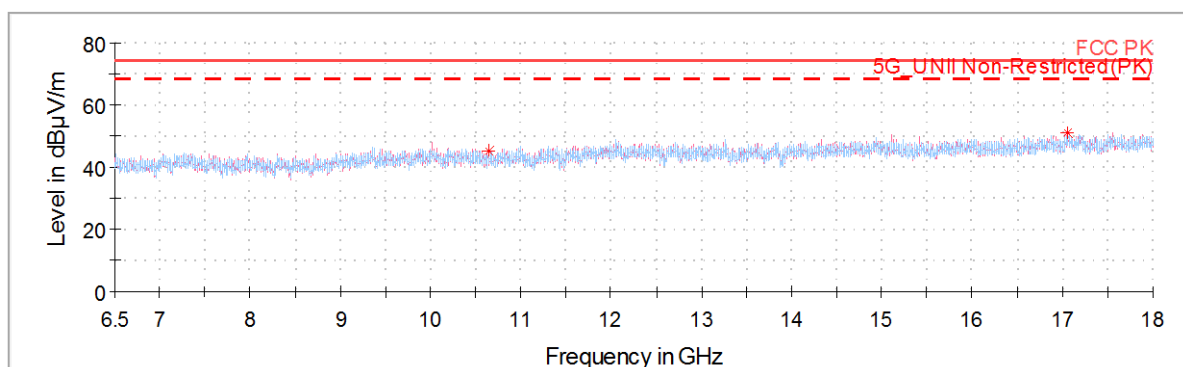
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



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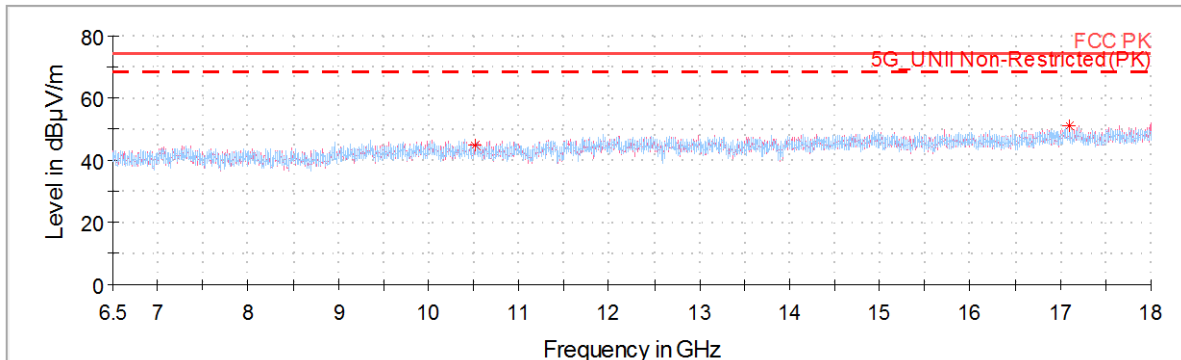
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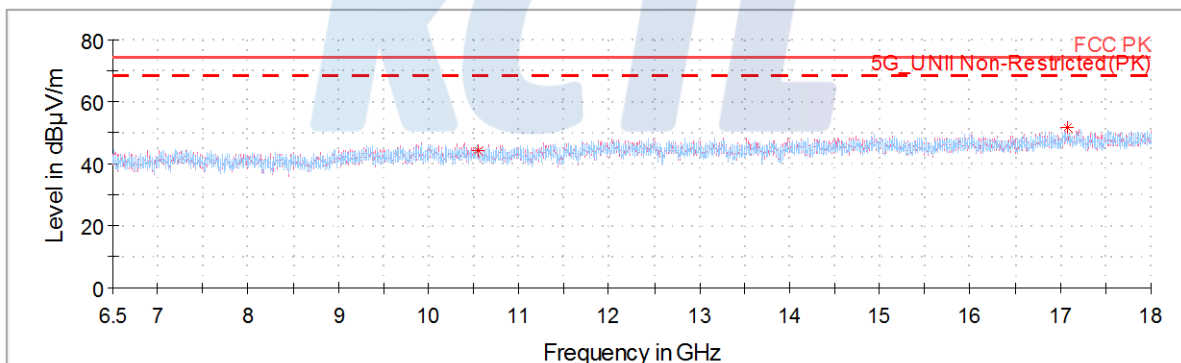
KCTL

- 802.11n HT20

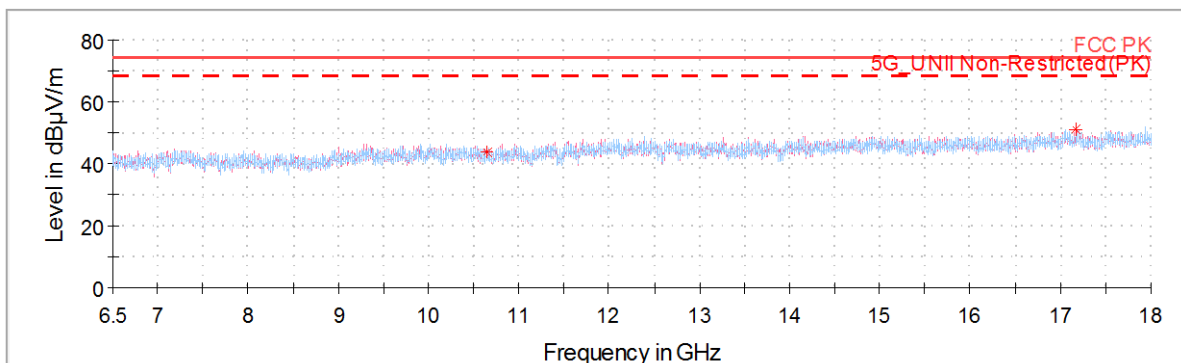
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



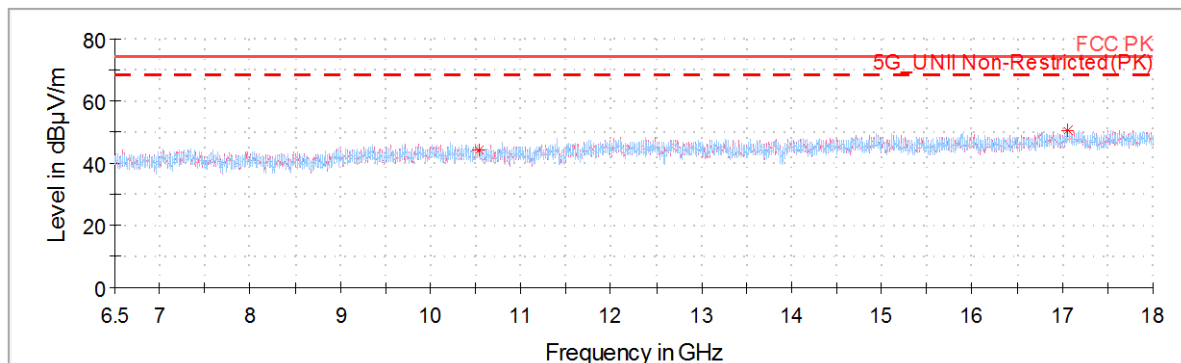
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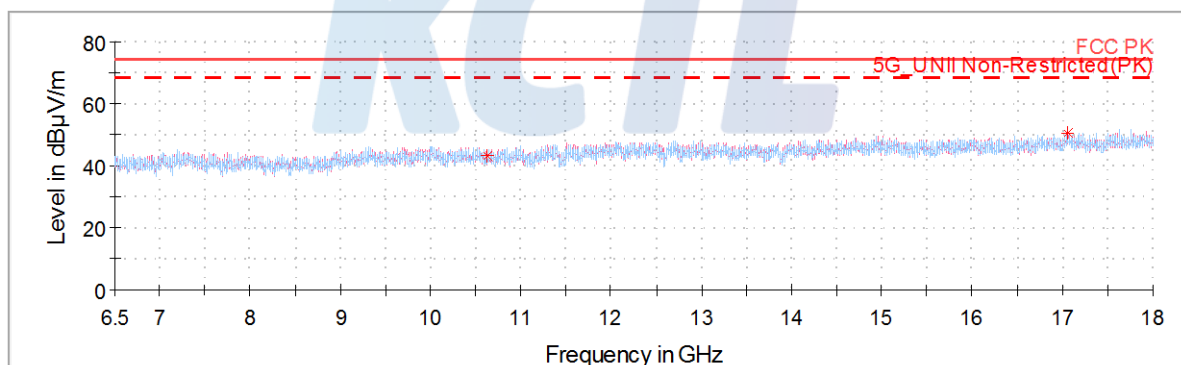
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KCTL**- 802.11n HT40**

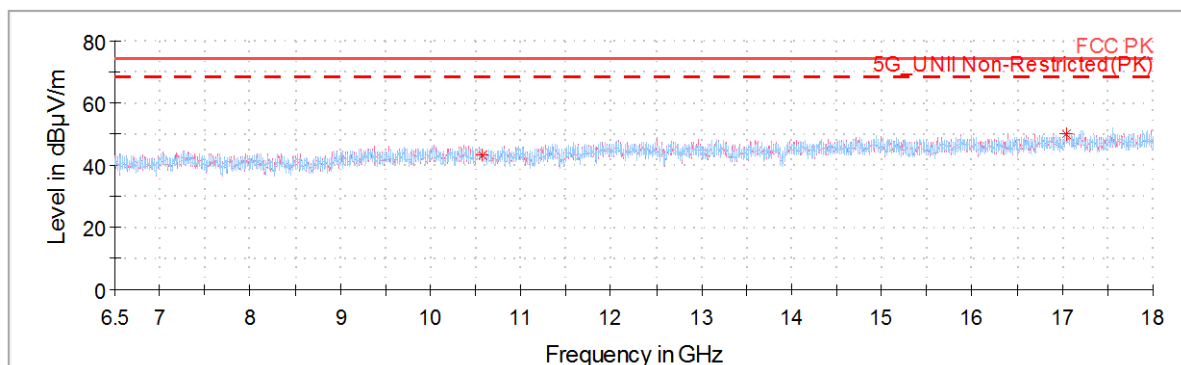
Lowest Channel (5 270 MHz)



Highest Channel (5 310 MHz)

**- 802.11ac VHT80**

Middle Channel (5 290 MHz)



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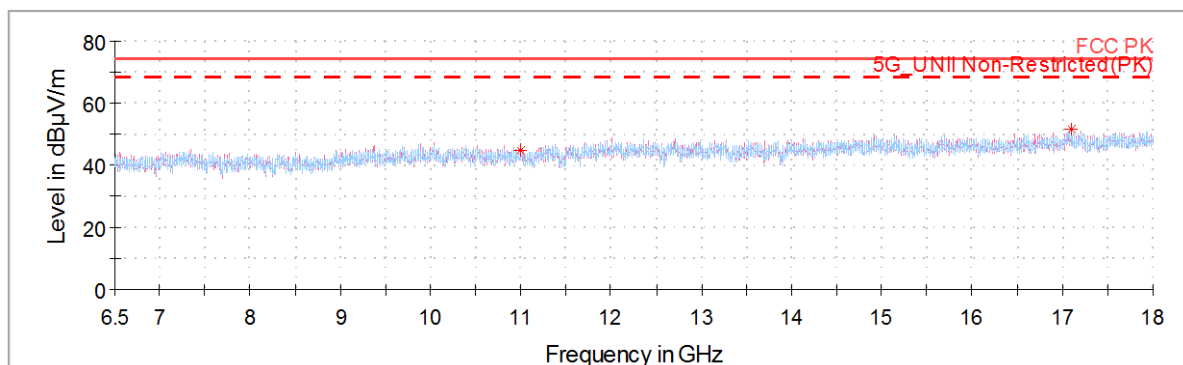
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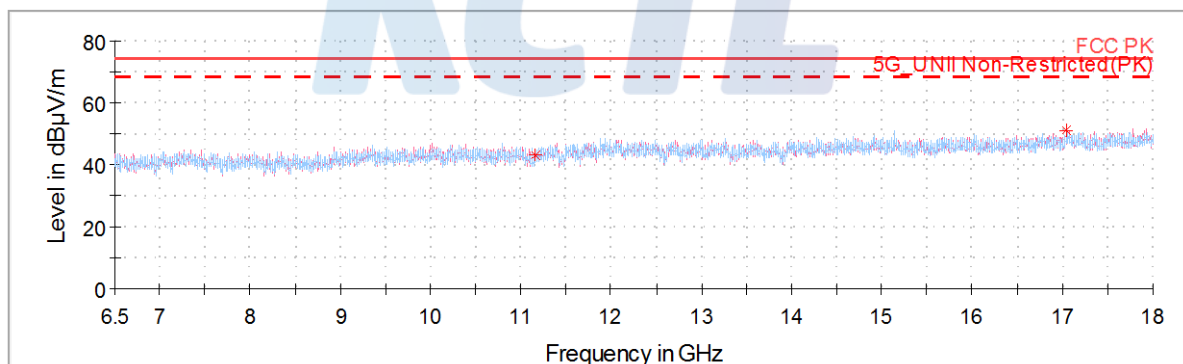
- 6.5 GHz ~ 18 GHz data_U-NII-2C

- 802.11a

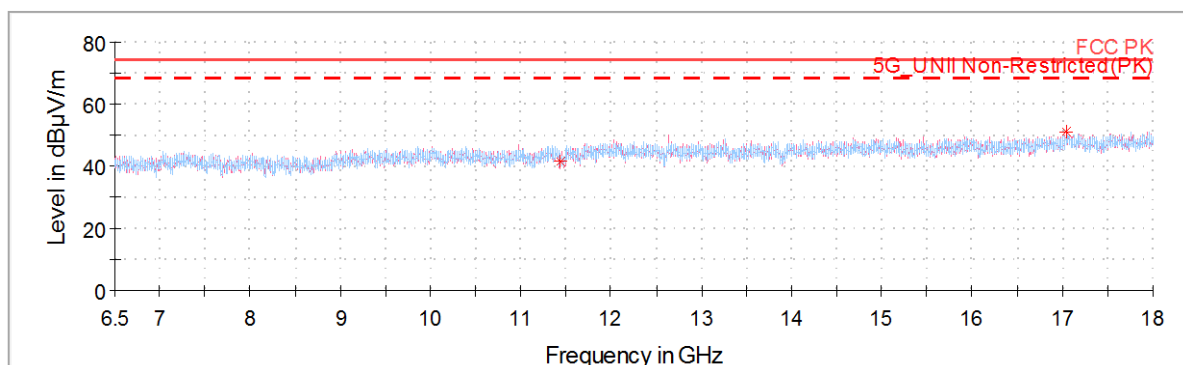
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



KCTL Inc.

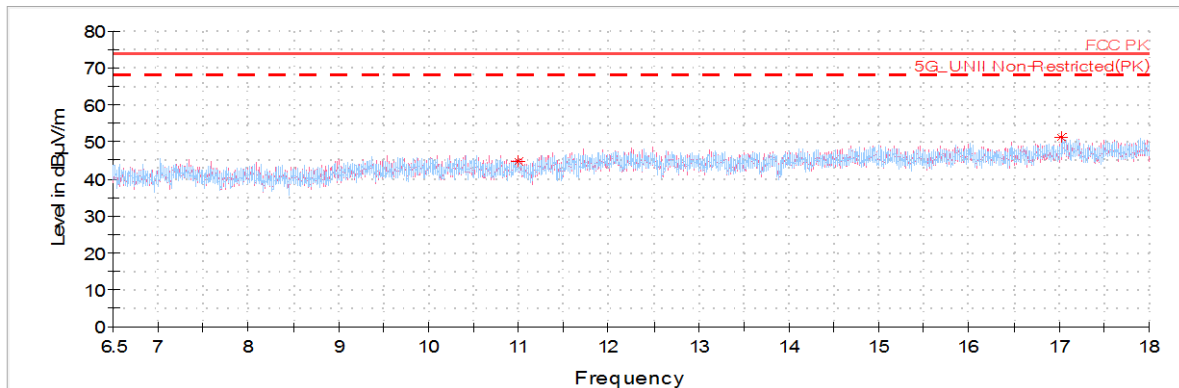
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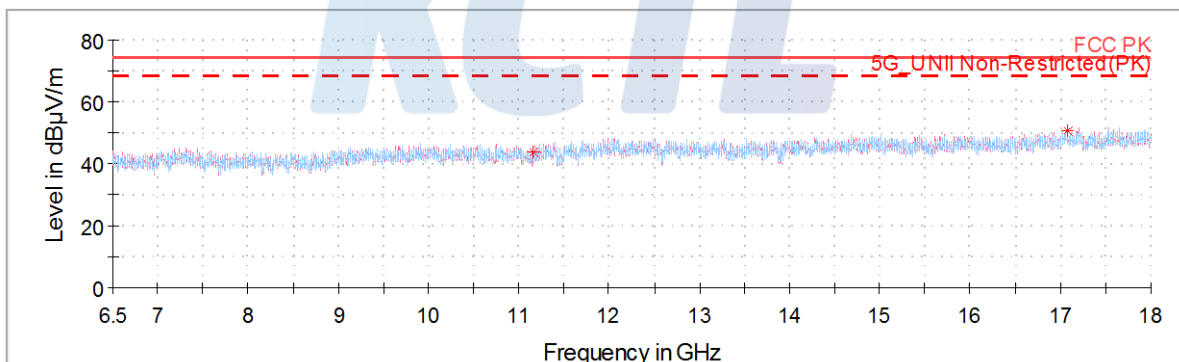
KCTL

- 802.11n HT20

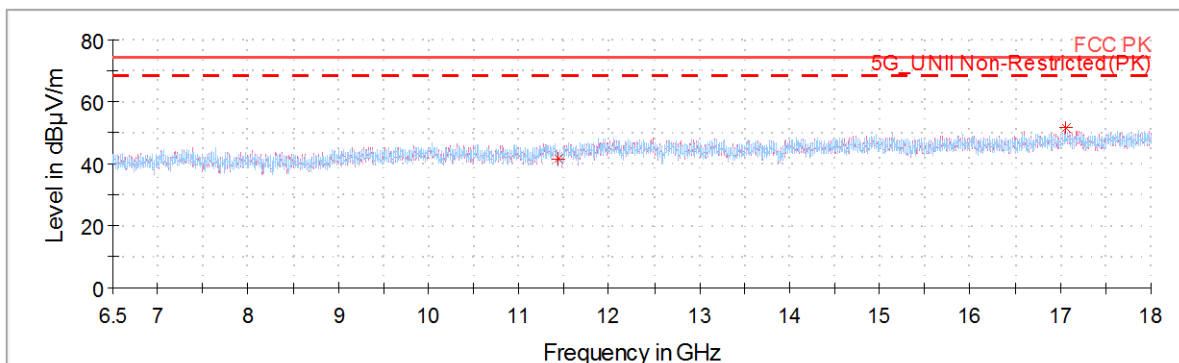
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



KCTL Inc.

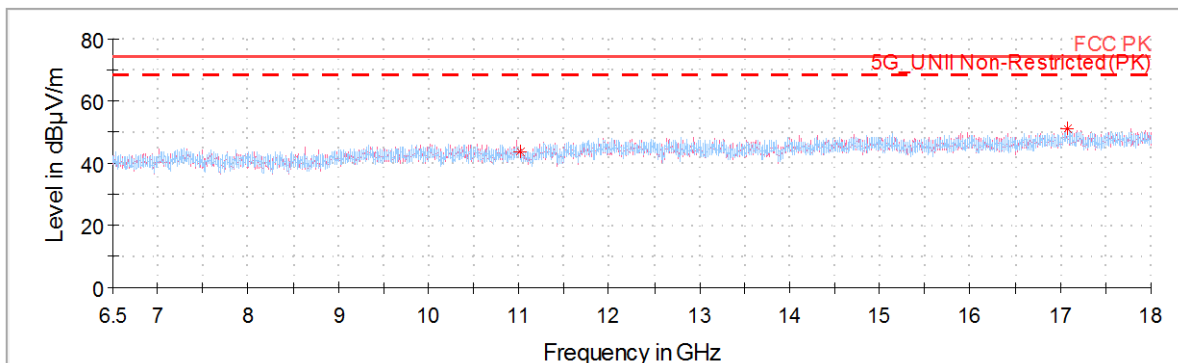
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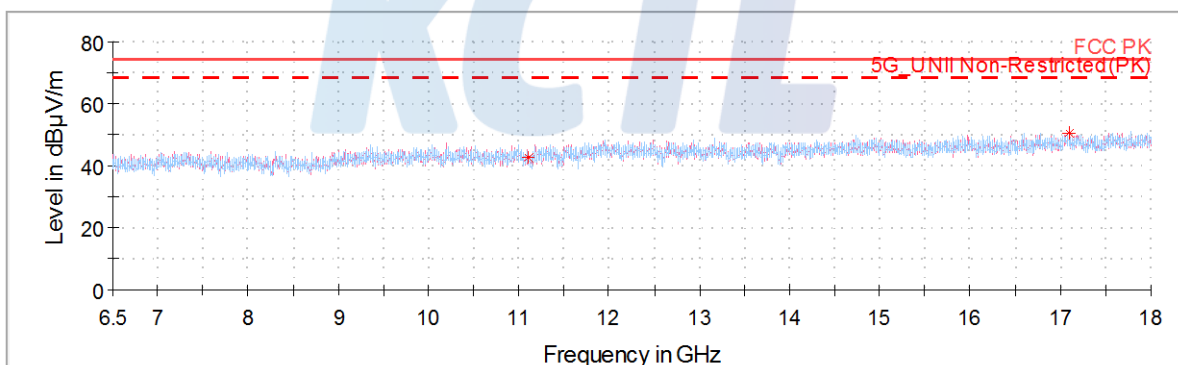
KCTL

- 802.11n HT40

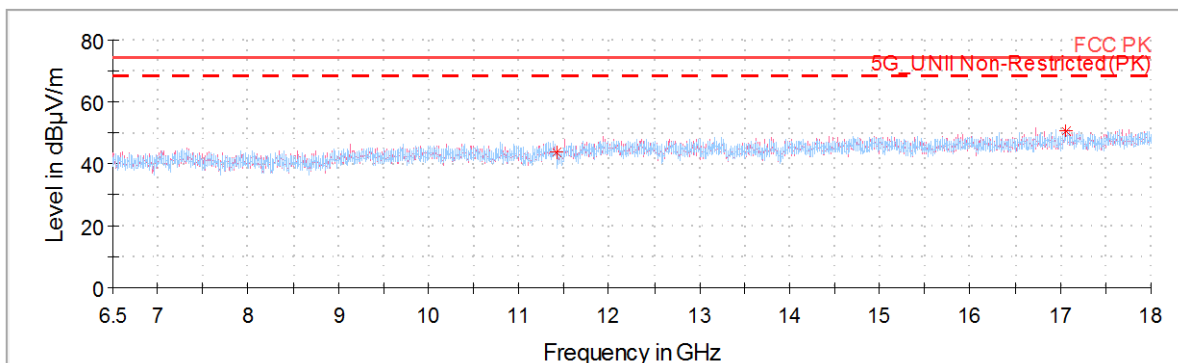
Lowest Channel (5 510 MHz)



Middle Channel (5 550 MHz)



Highest Channel (5 710 MHz)



KCTL Inc.

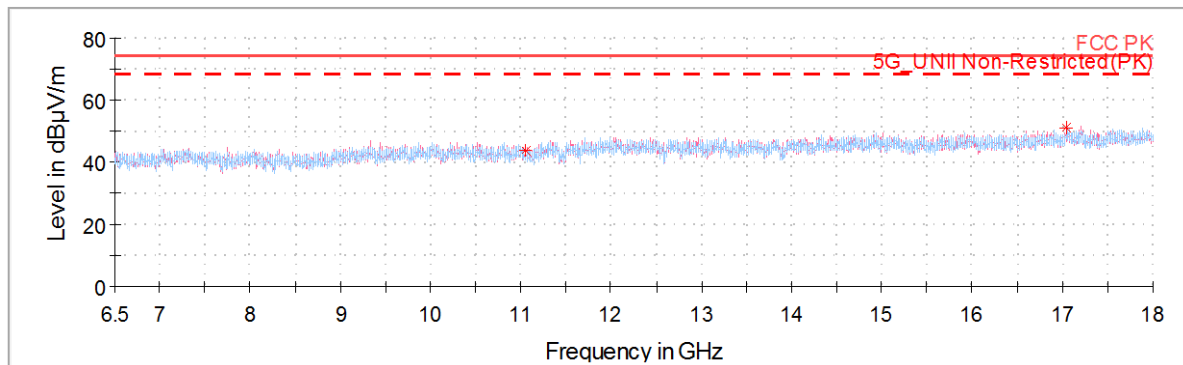
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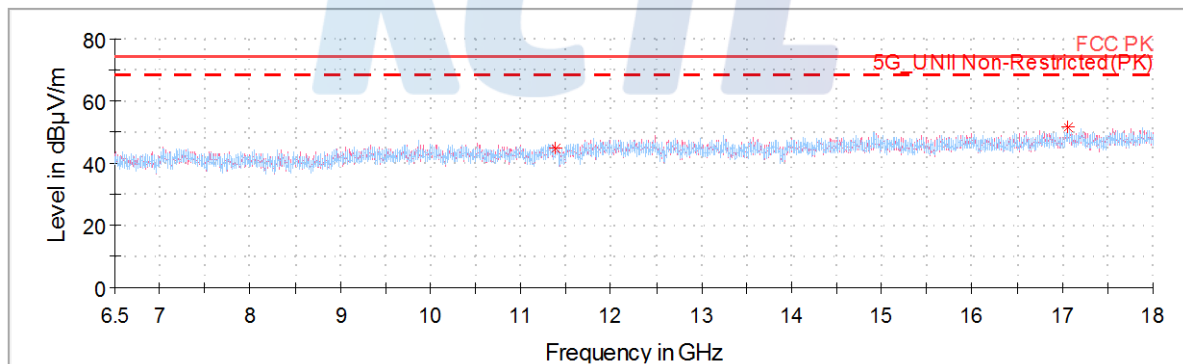
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- 802.11ac VHT80

Lowest Channel (5 530 MHz)



Highest Channel (5 690 MHz)



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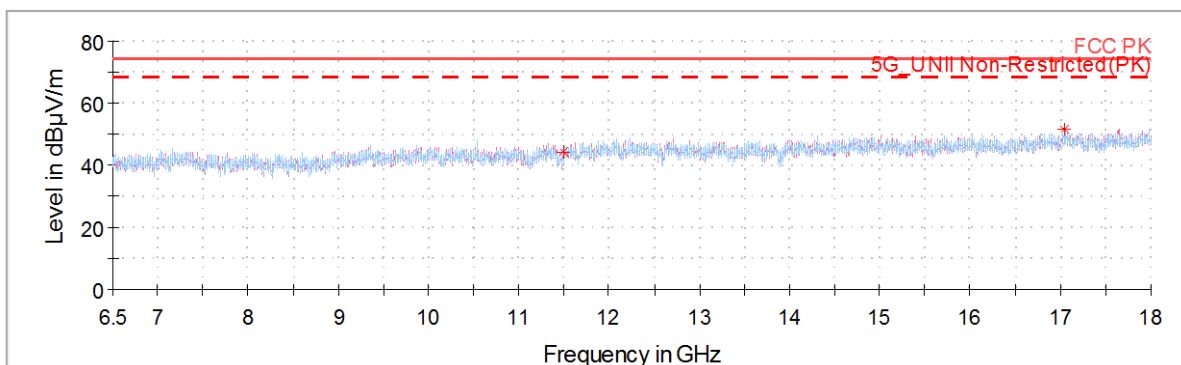
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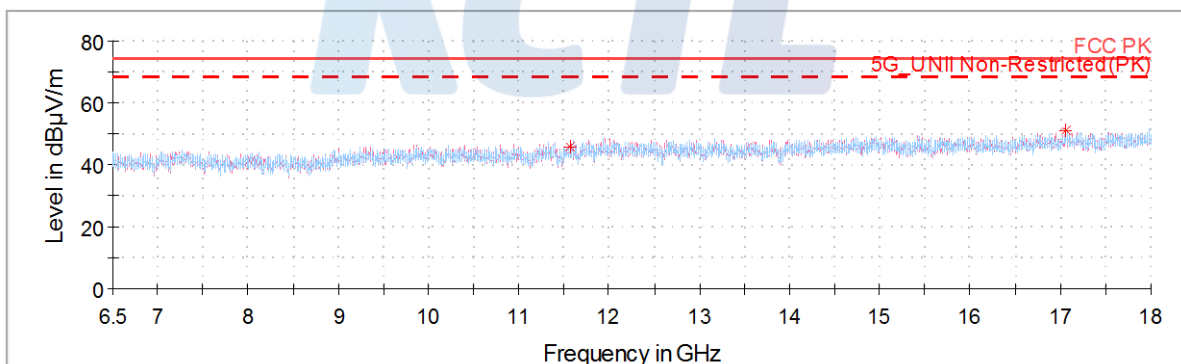
- 6.5 GHz ~ 18 GHz data_U-NII-3

- 802.11a

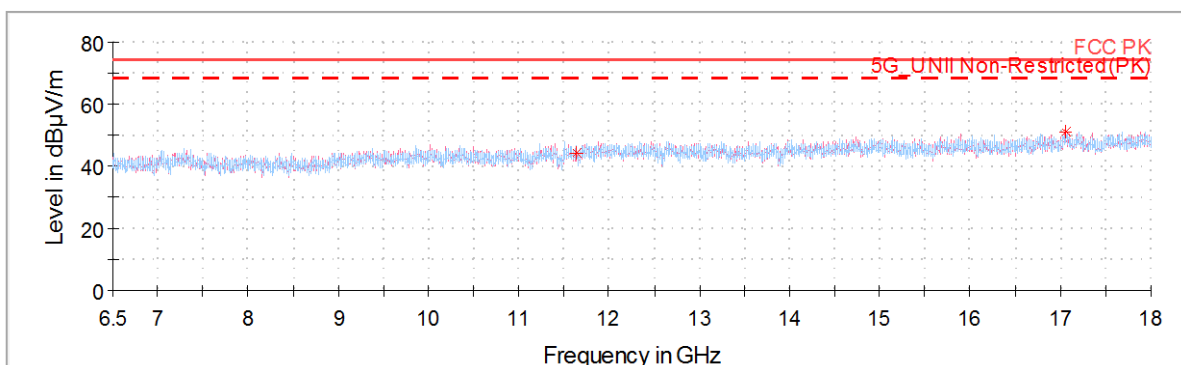
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



KCTL Inc.

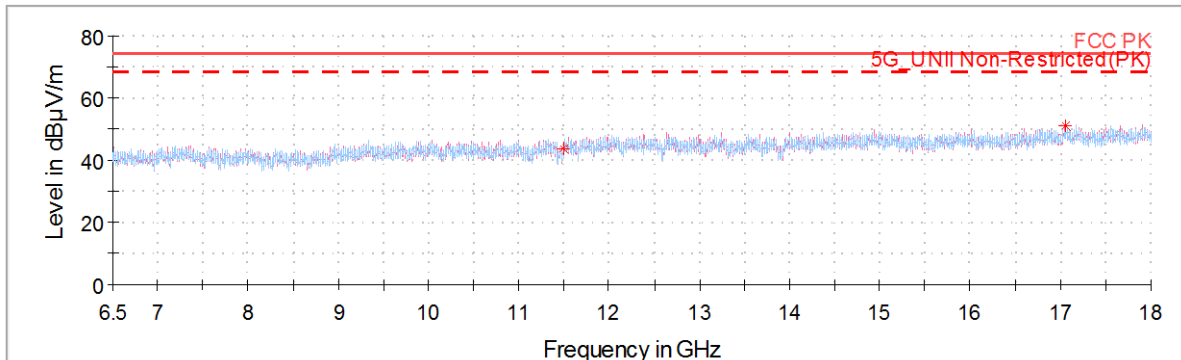
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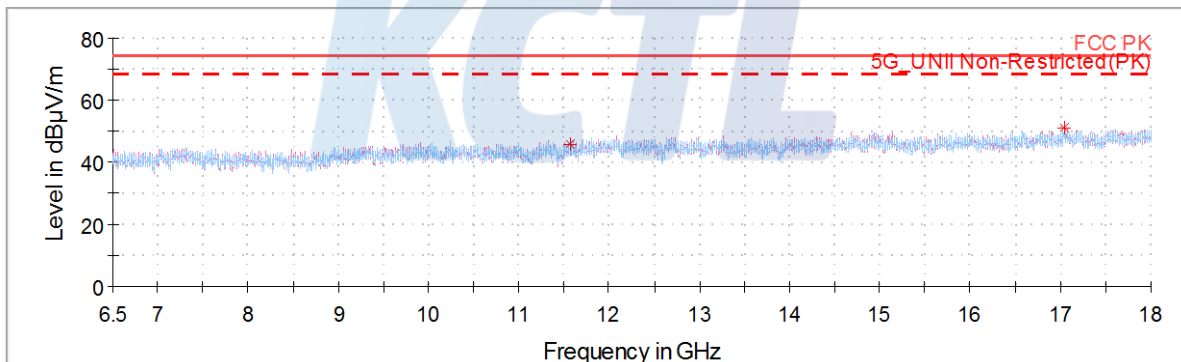
KCTL

- 802.11n HT20

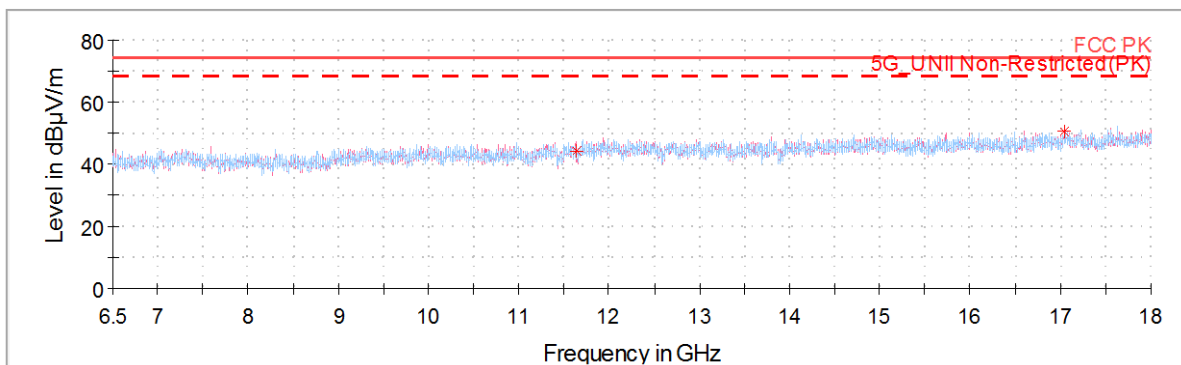
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



KCTL Inc.

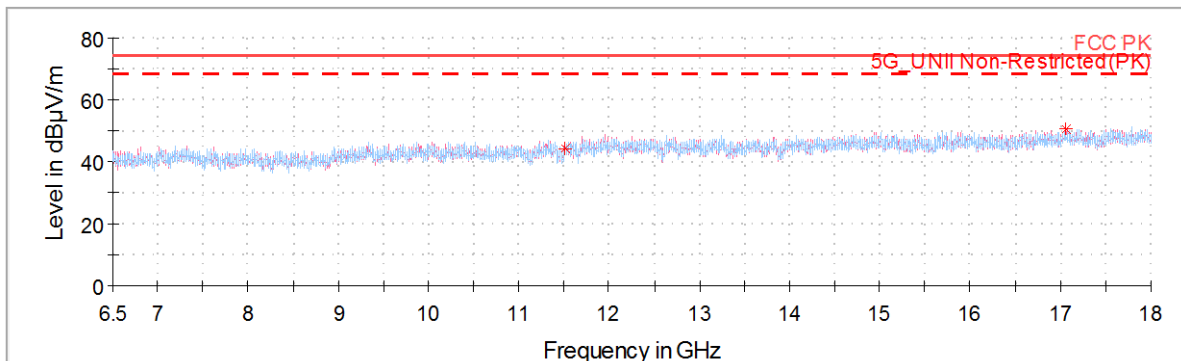
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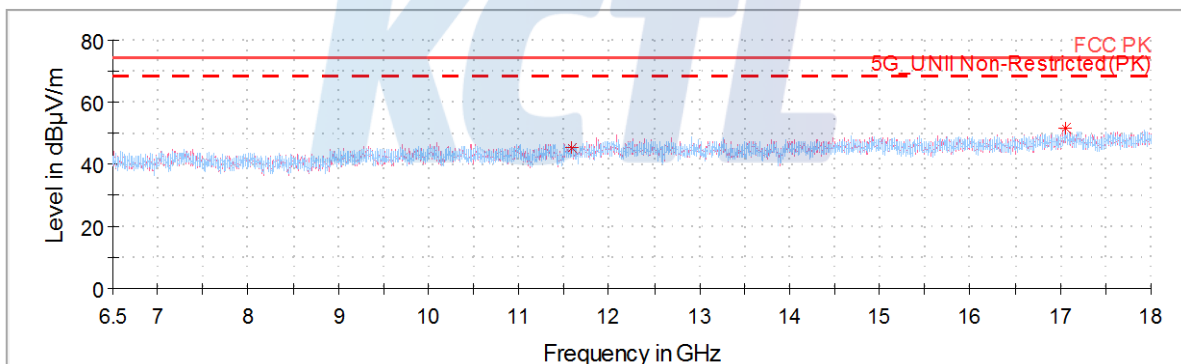
KCTL

- 802.11n HT40

Lowest Channel (5 755 MHz)

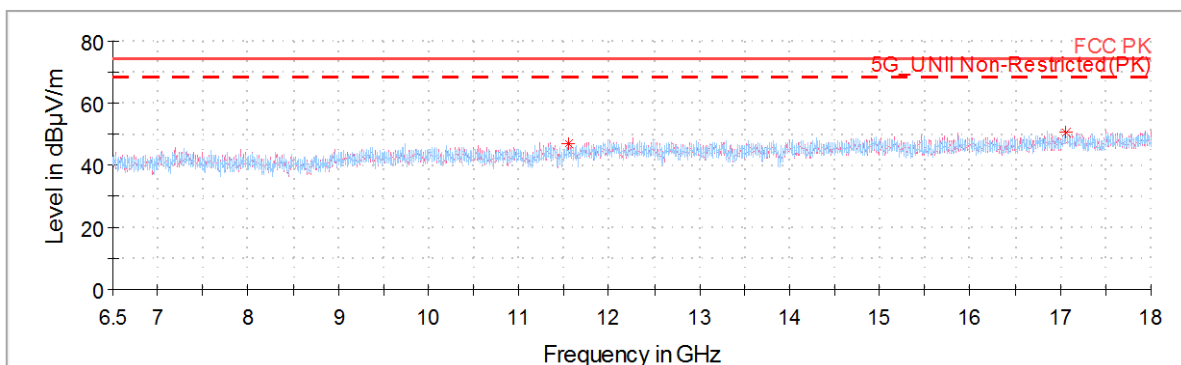


Highest Channel (5 795 MHz)



- 802.11ac VHT80

Middle Channel (5 775 MHz)



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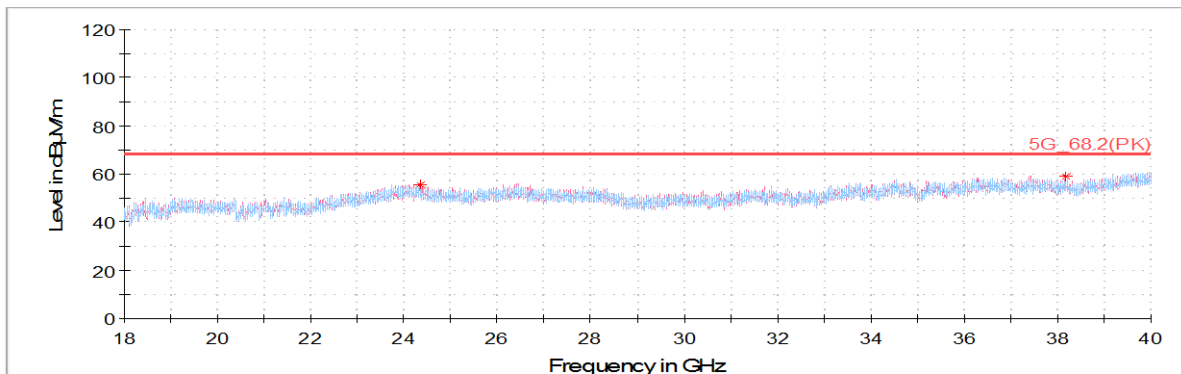
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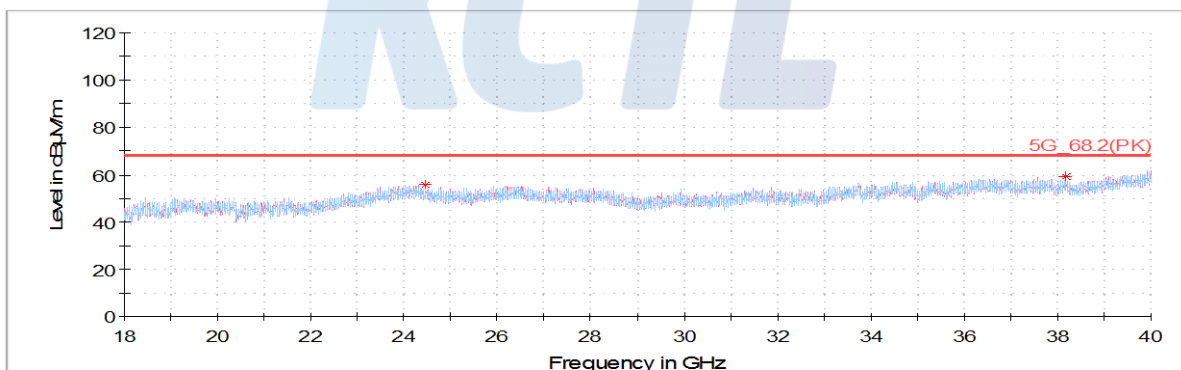
- 18 GHz ~ 40 GHz data U-NII-1

- 802.11a

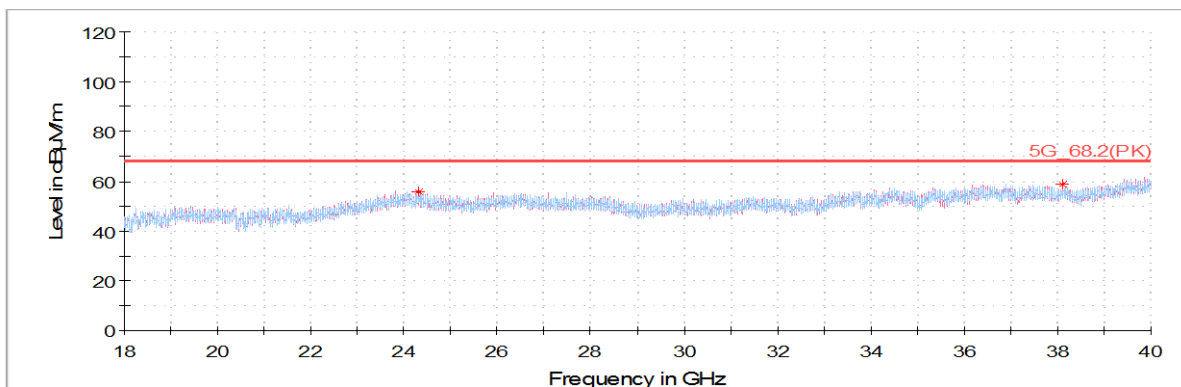
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)



Highest Channel (5 240 MHz)



KCTL Inc.

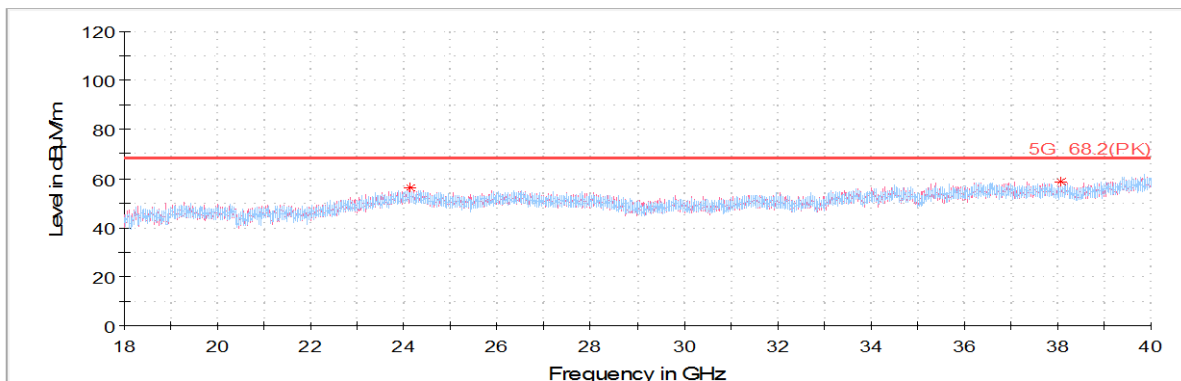
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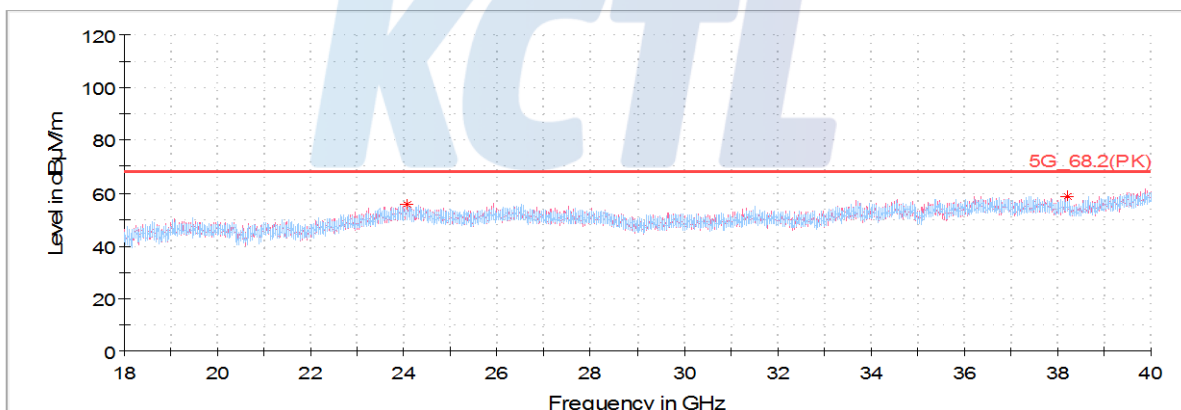
KCTL

- 802.11n HT20

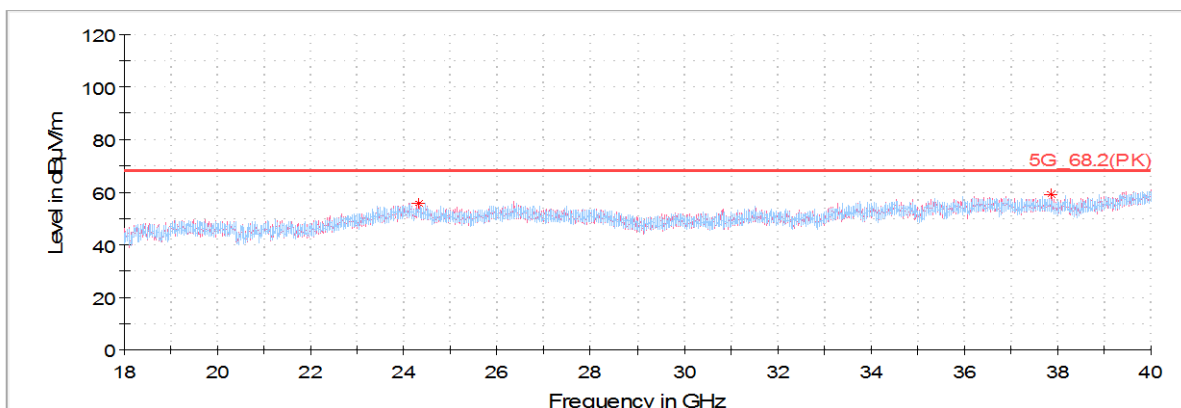
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)

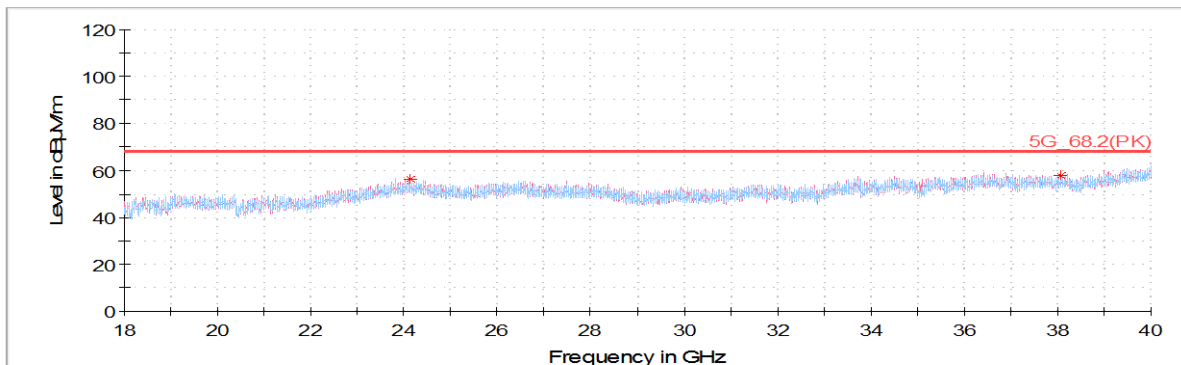


Highest Channel (5 240 MHz)

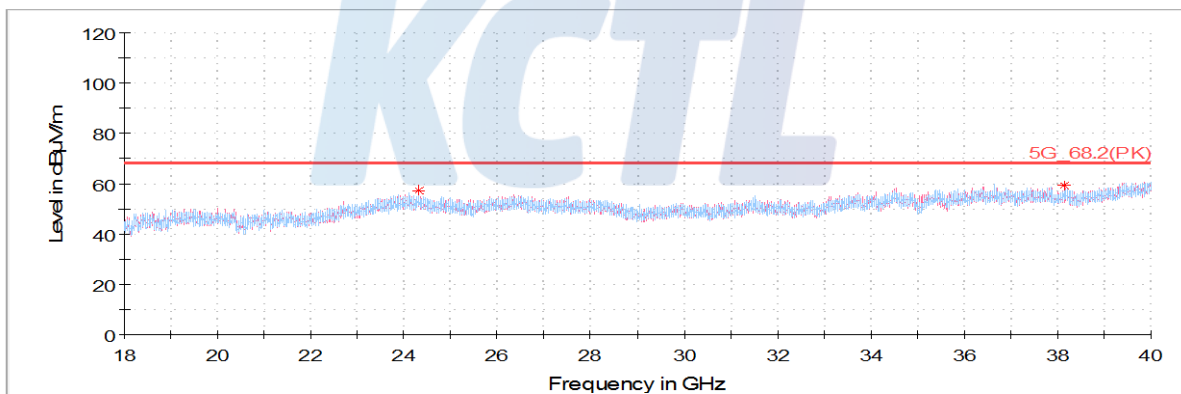


- 802.11n HT40

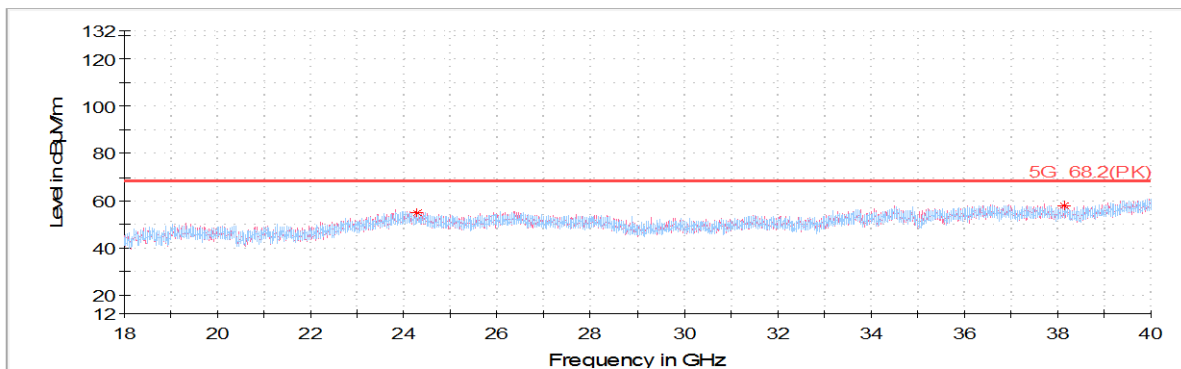
Lowest Channel (5 190 MHz)



Highest Channel (5 230 MHz)

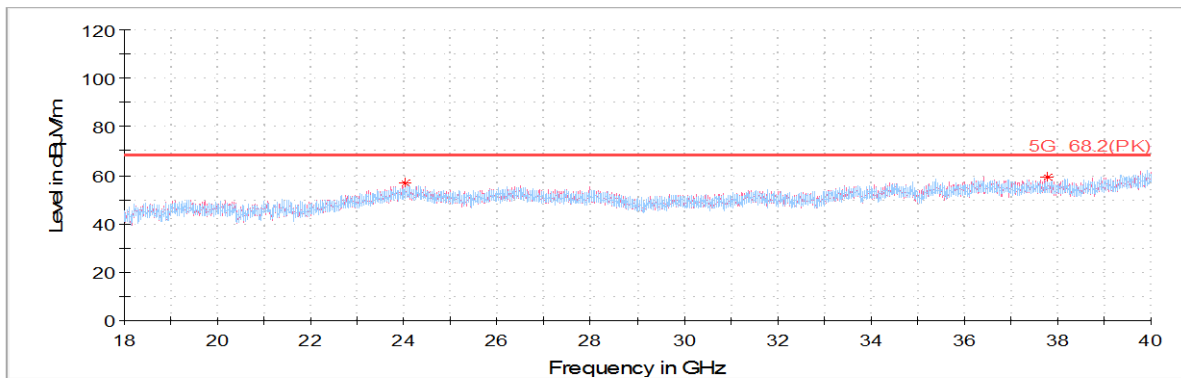
**- 802.11ac VHT80**

Middle Channel (5 210 MHz)

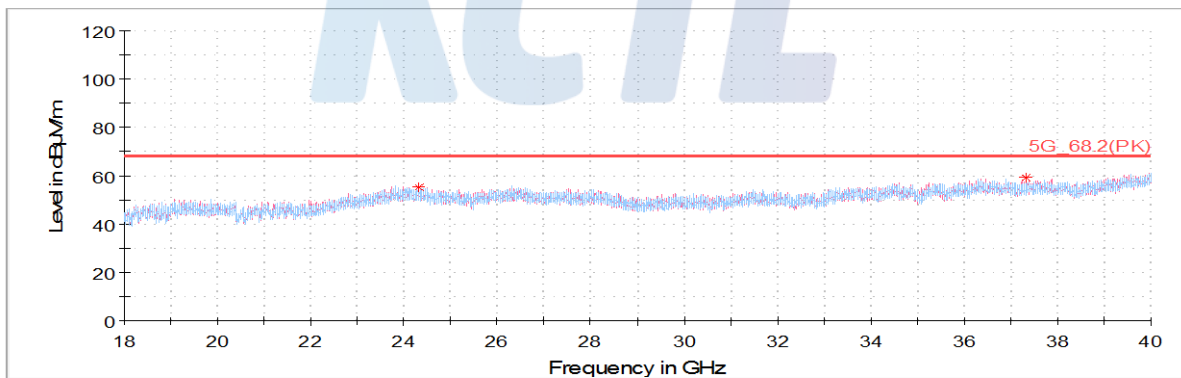


- 18 GHz ~ 40 GHz data_U-NII-2A**- 802.11a**

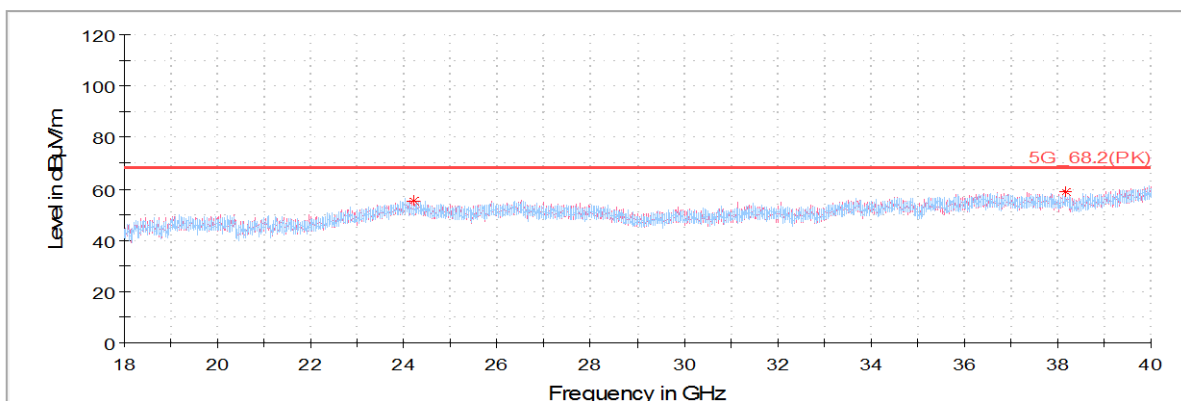
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



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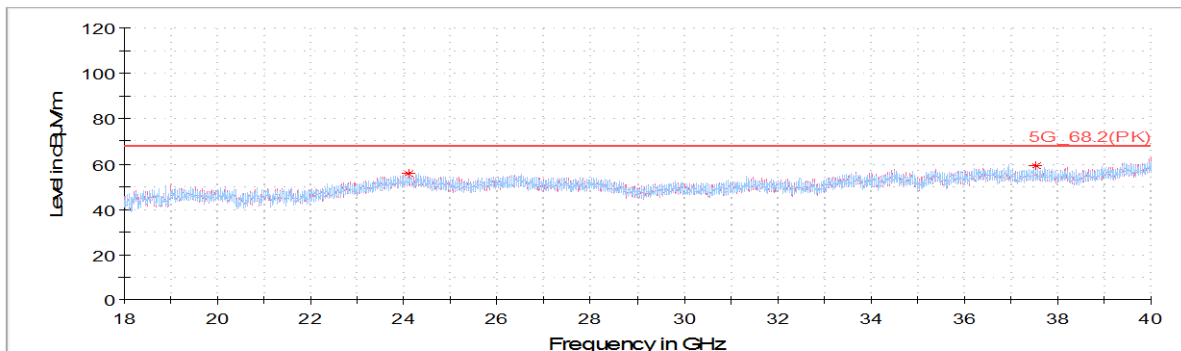
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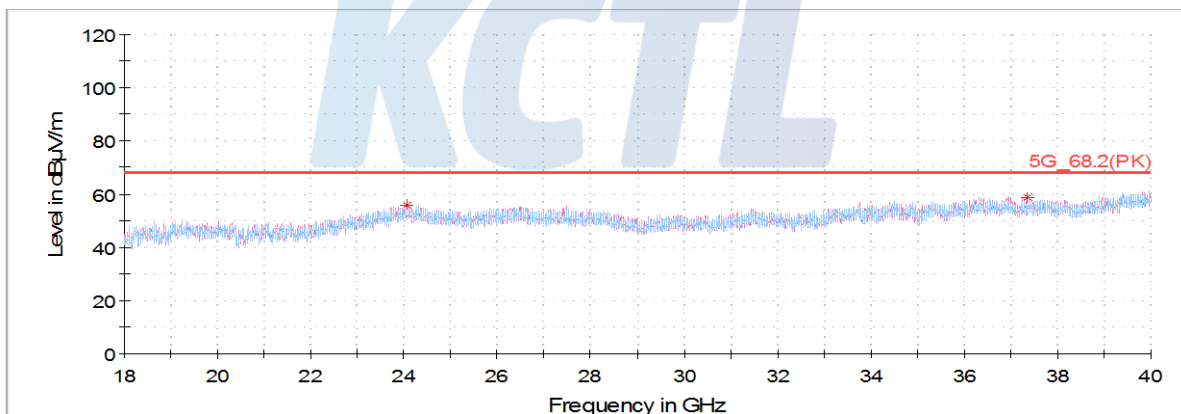
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- 802.11n HT20

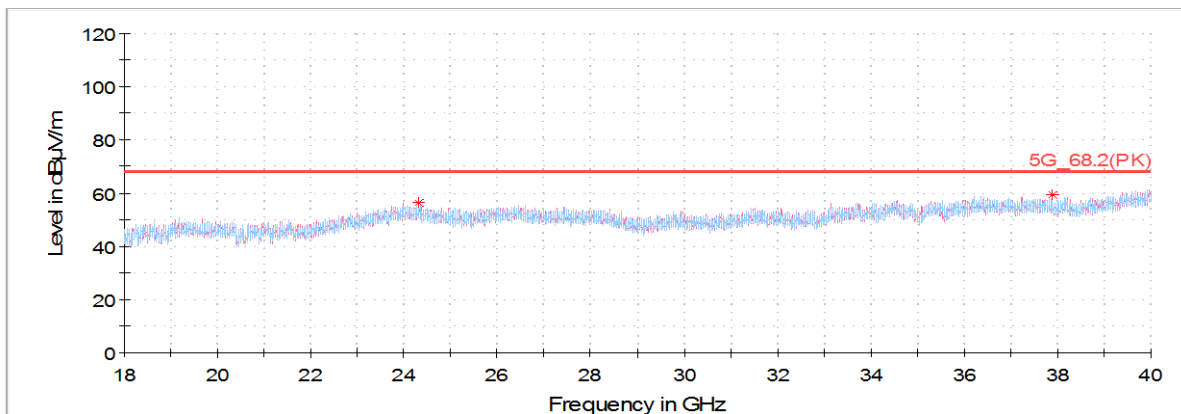
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



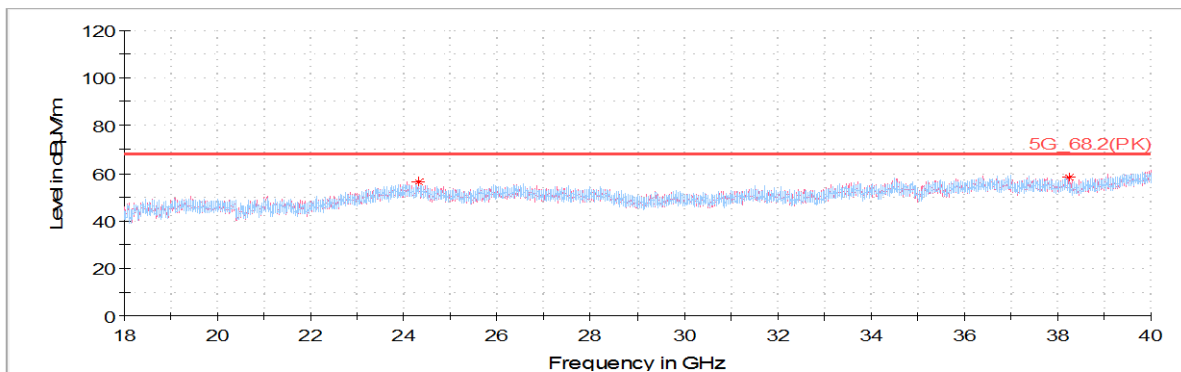
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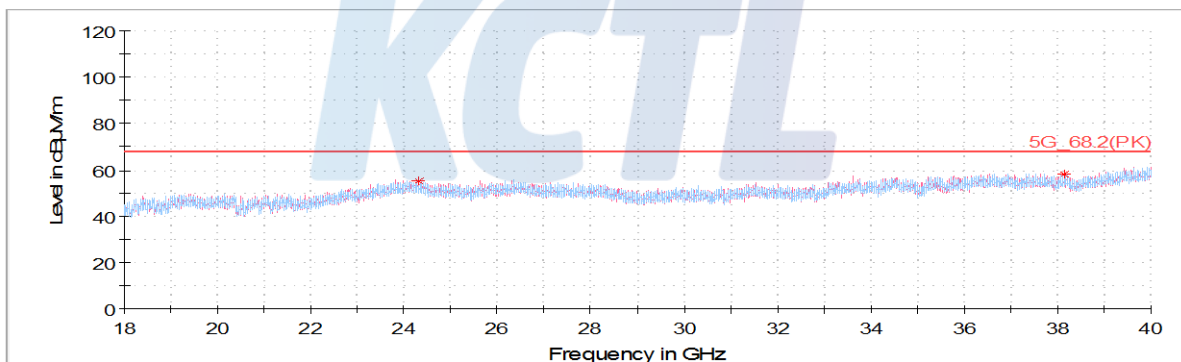
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KCTL**- 802.11n HT40**

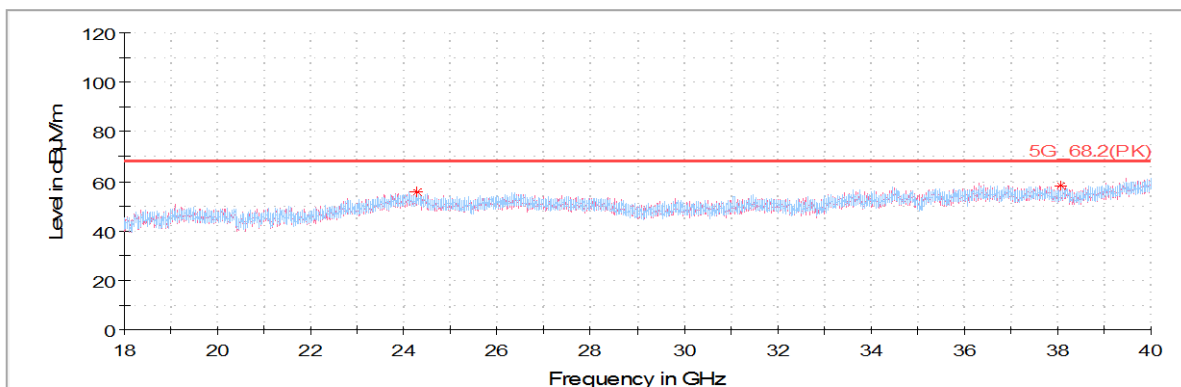
Lowest Channel (5 270 MHz)



Highest Channel (5 310 MHz)

**- 802.11ac VHT80**

Middle Channel (5 290 MHz)



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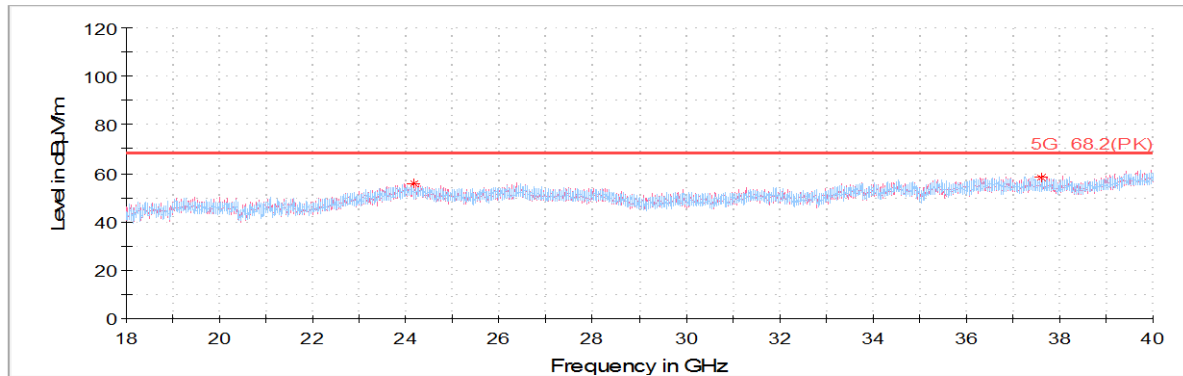
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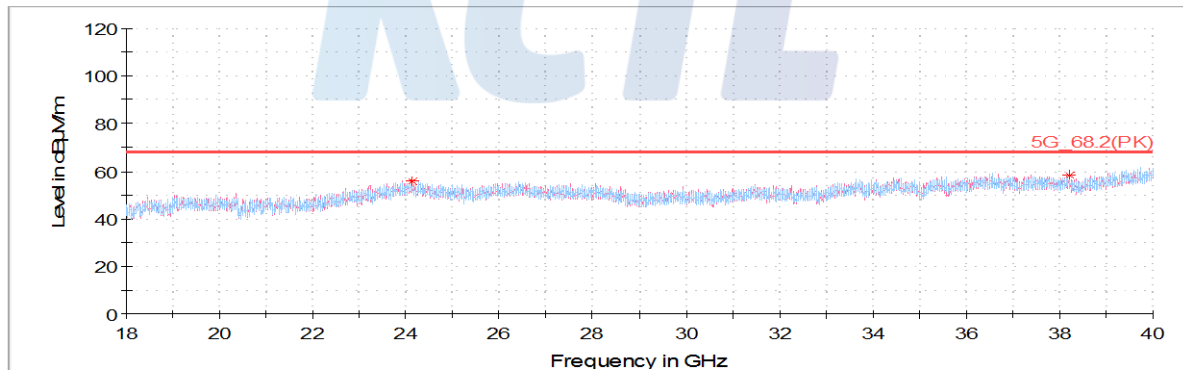
- 18 GHz ~ 40 GHz U-NII-2C

- 802.11a

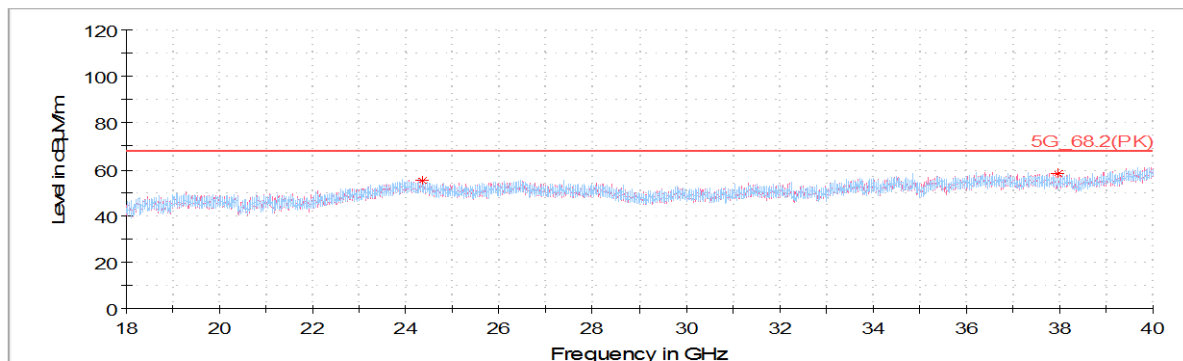
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



KCTL Inc.

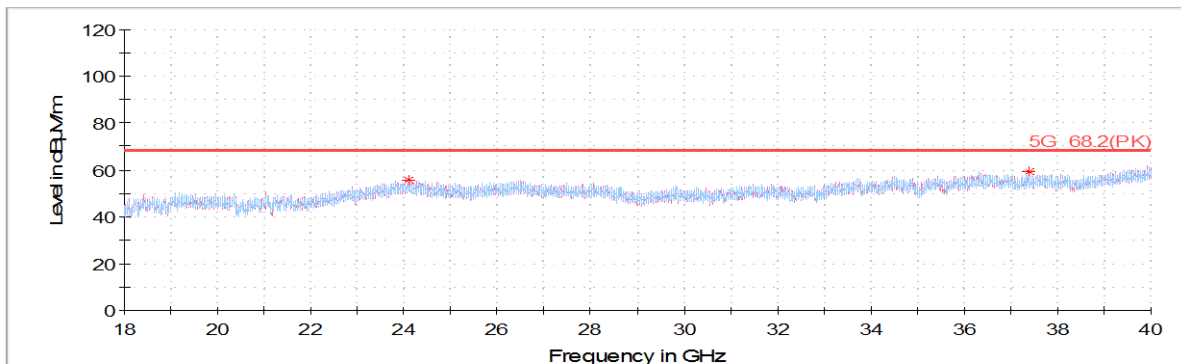
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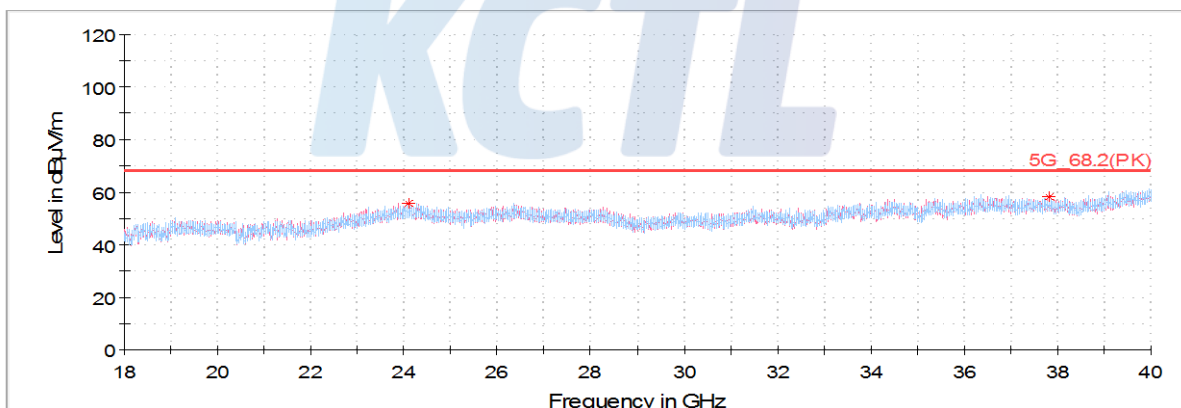
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- 802.11n HT20

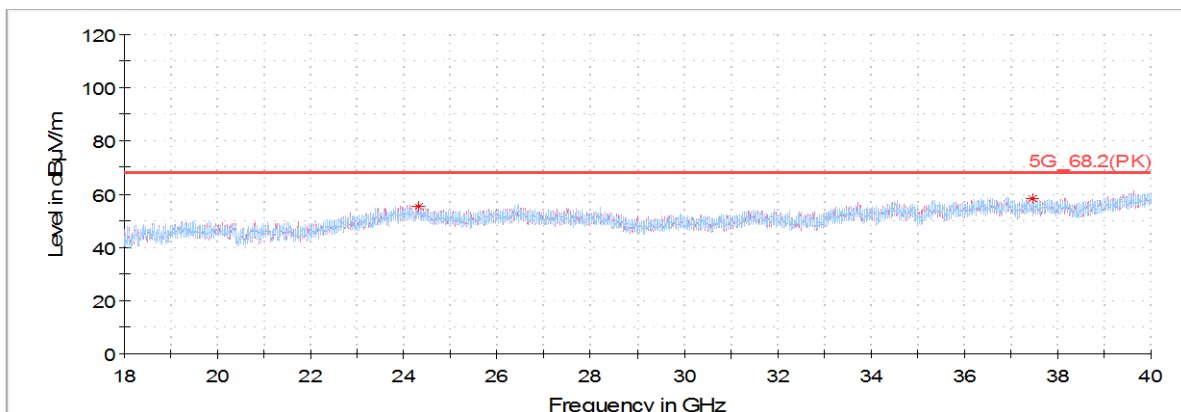
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



KCTL Inc.

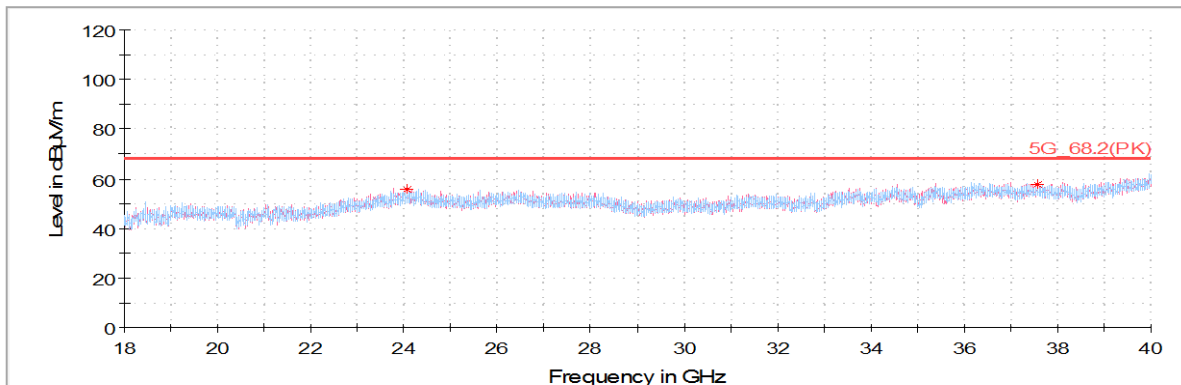
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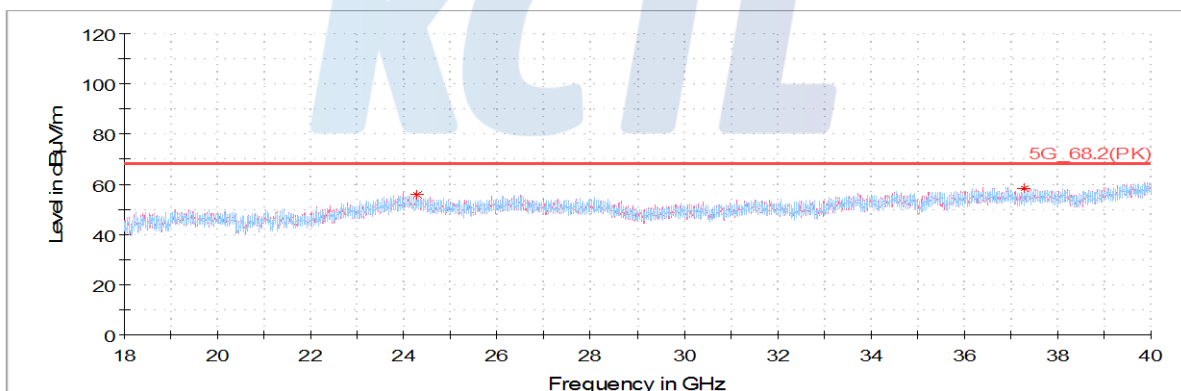
KCTL

- 802.11n HT40

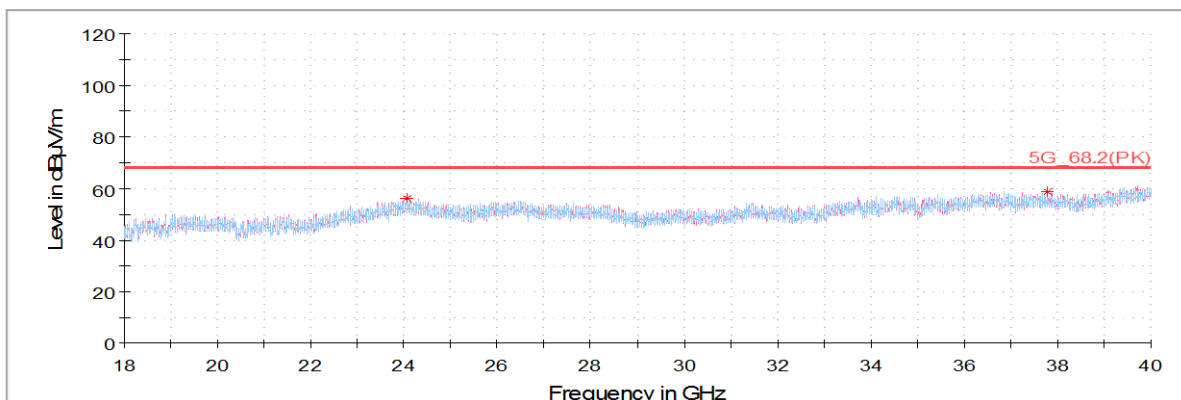
Lowest Channel (5 510 MHz)



Middle Channel (5 550 MHz)



Highest Channel (5 710 MHz)



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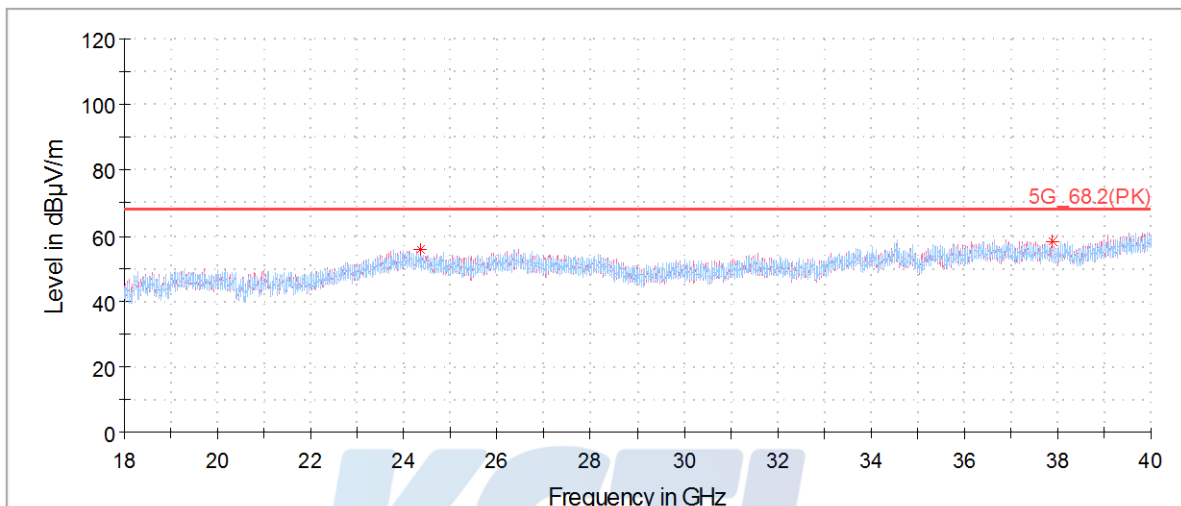
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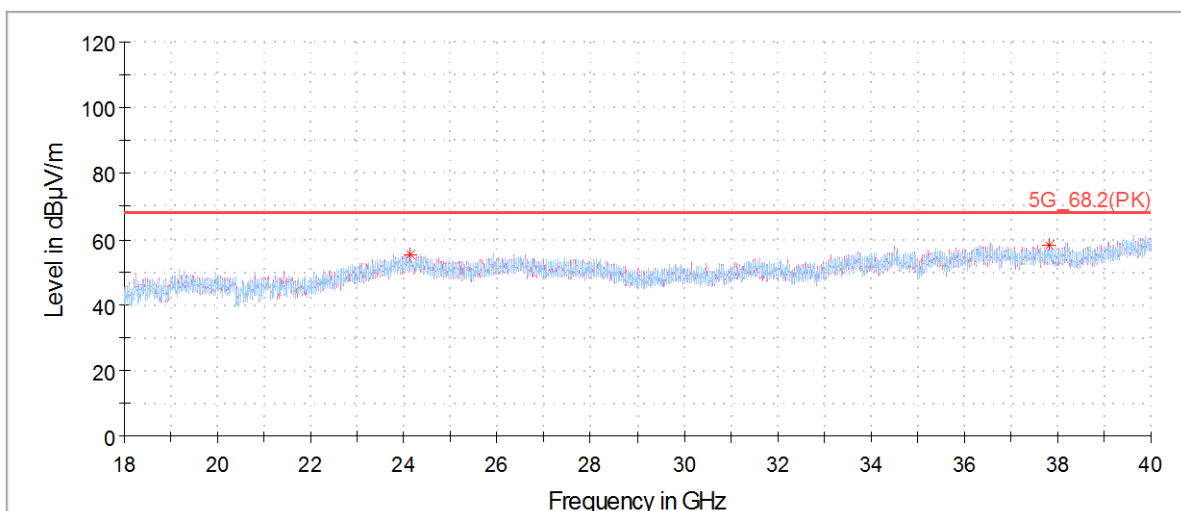
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Lowest Channel (5 530 MHz)



Highest Channel (5 690 MHz)



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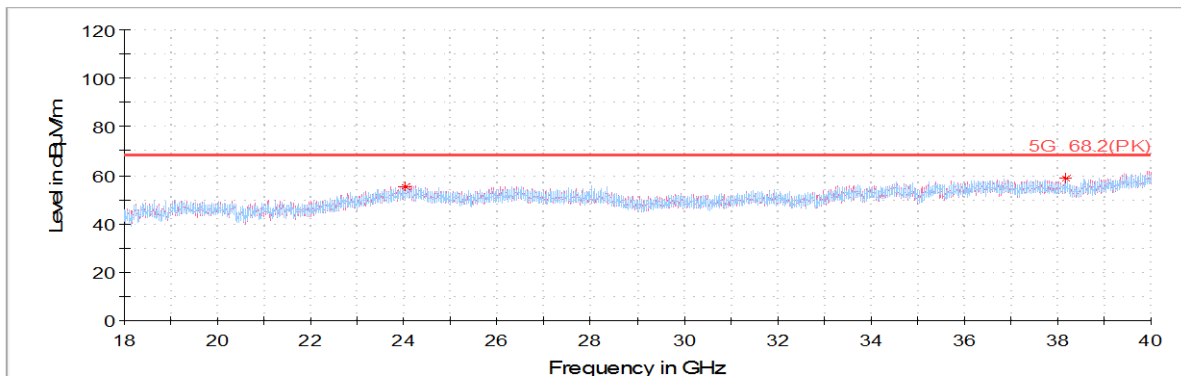
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KCTL

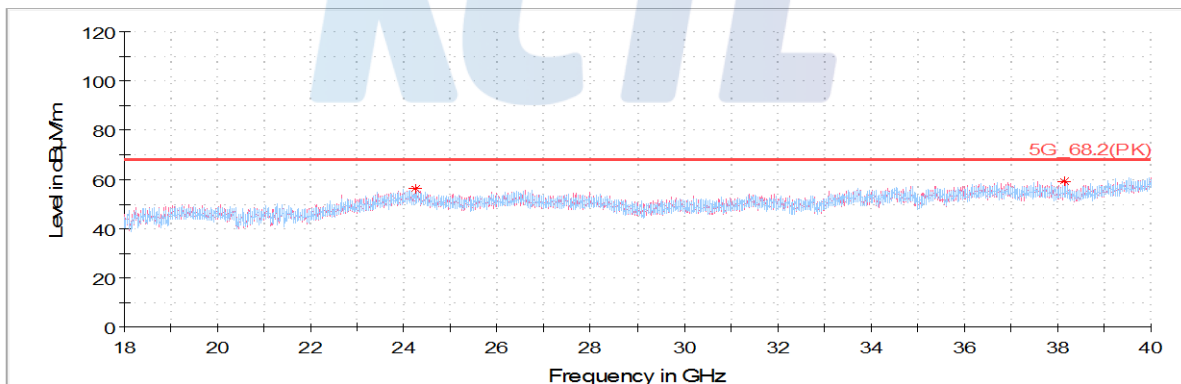
- 18 GHz ~ 40 GHz data U-NII-3

- 802.11a

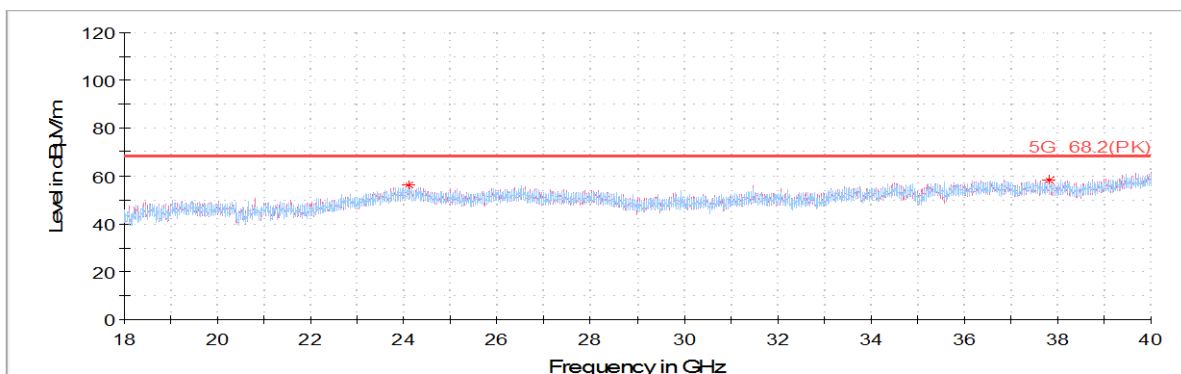
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



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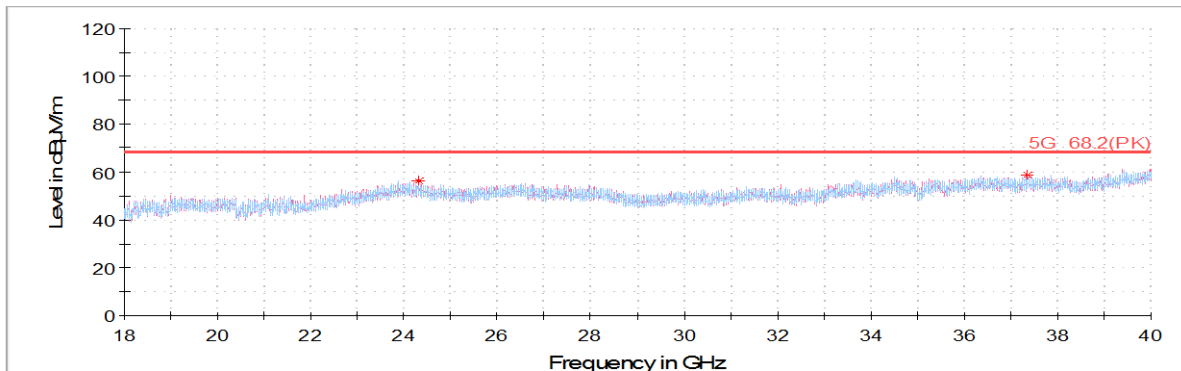
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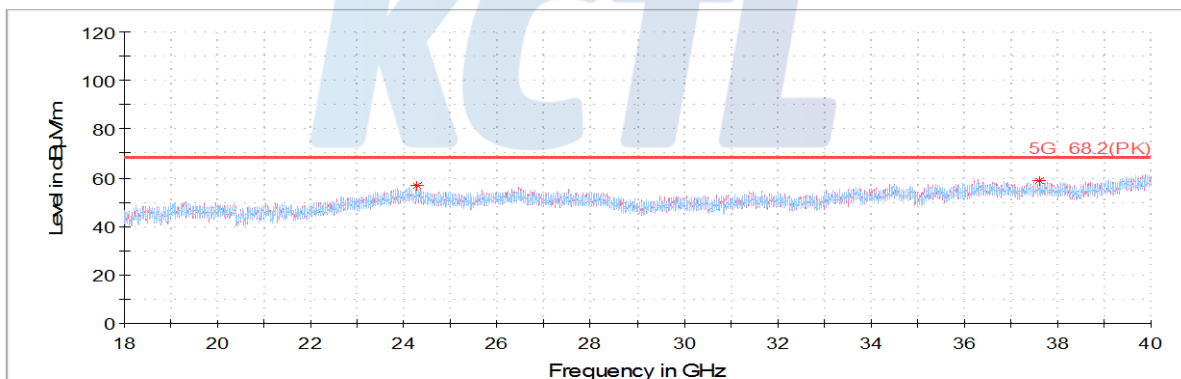
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- 802.11n HT20

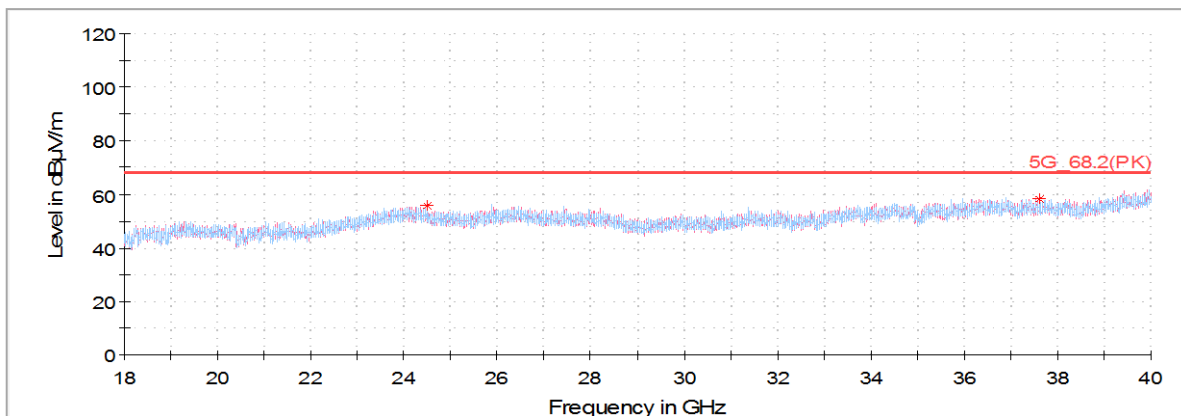
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



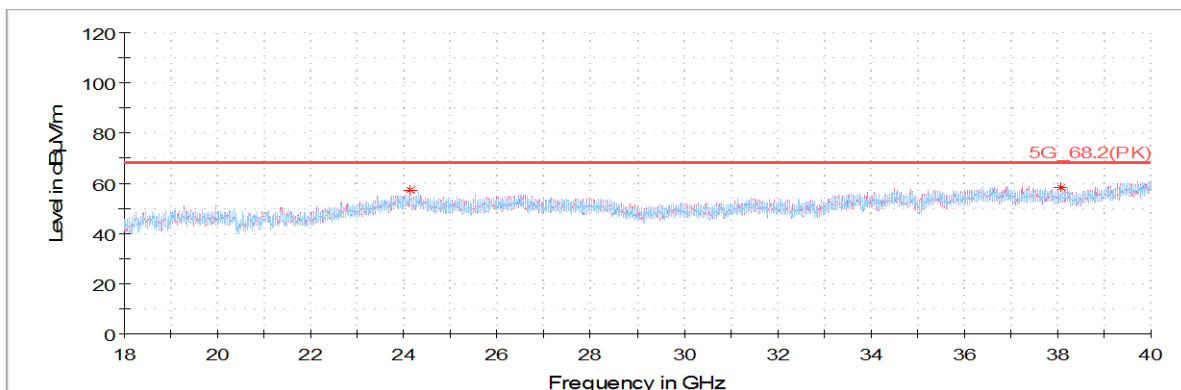
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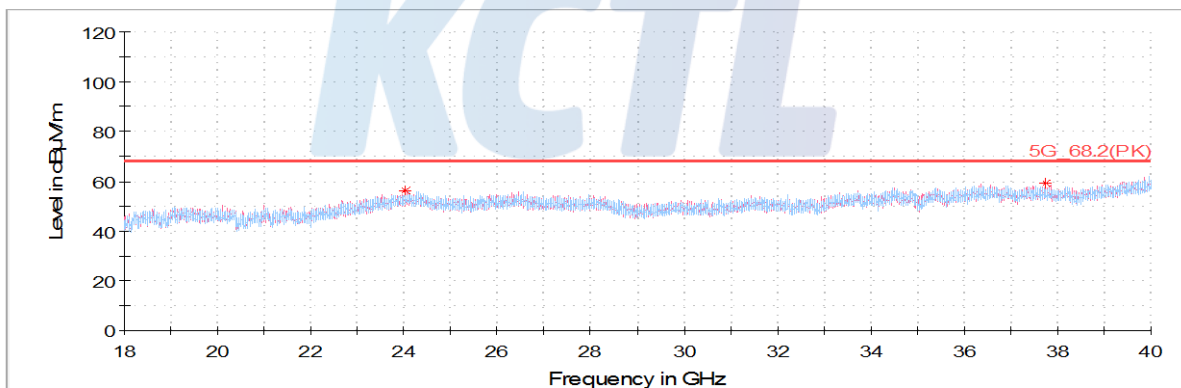
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KCTL**- 802.11n HT40**

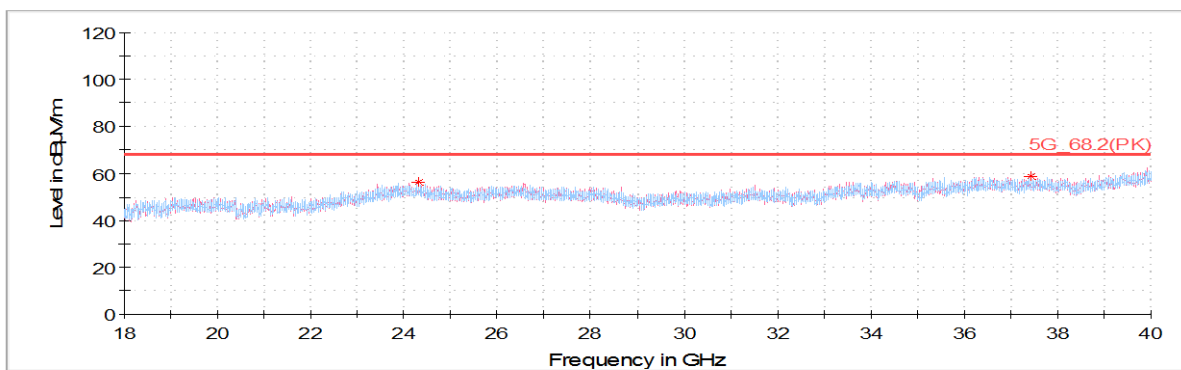
Lowest Channel (5 755 MHz)



Highest Channel (5 795 MHz)

**- 802.11ac VHT80**

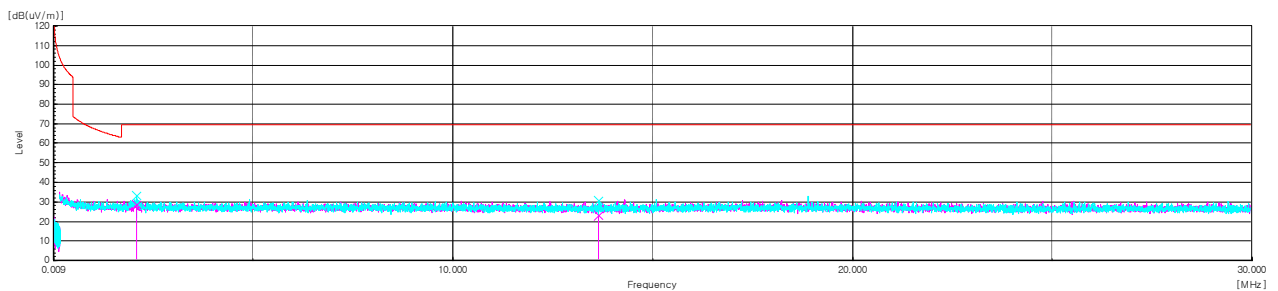
Middle Channel (5 775 MHz)



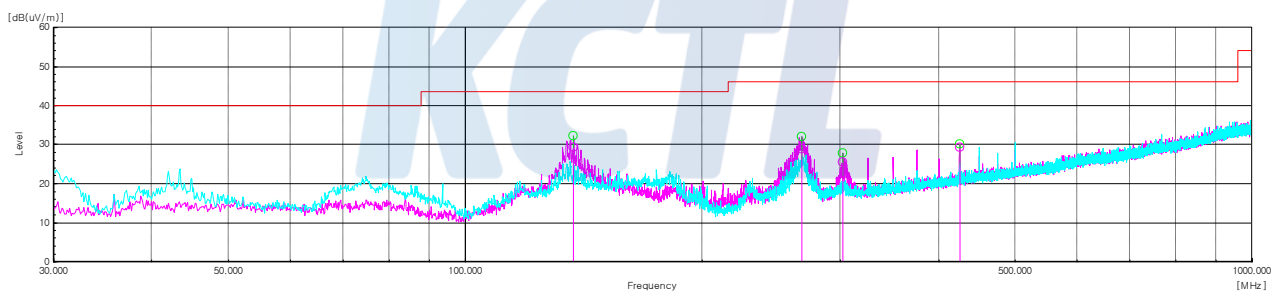
5.2.4.2 Test Plot (Balance Flex Antenna)

Figure 1. Plot of the Spurious Emissions (Radiated)

- 9 kHz ~ 30 MHz data



- 30 MHz ~ 1 GHz data



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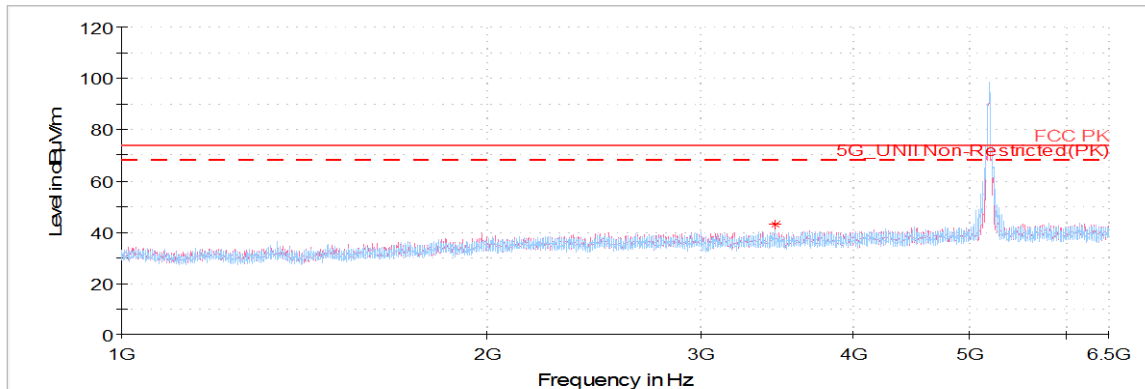
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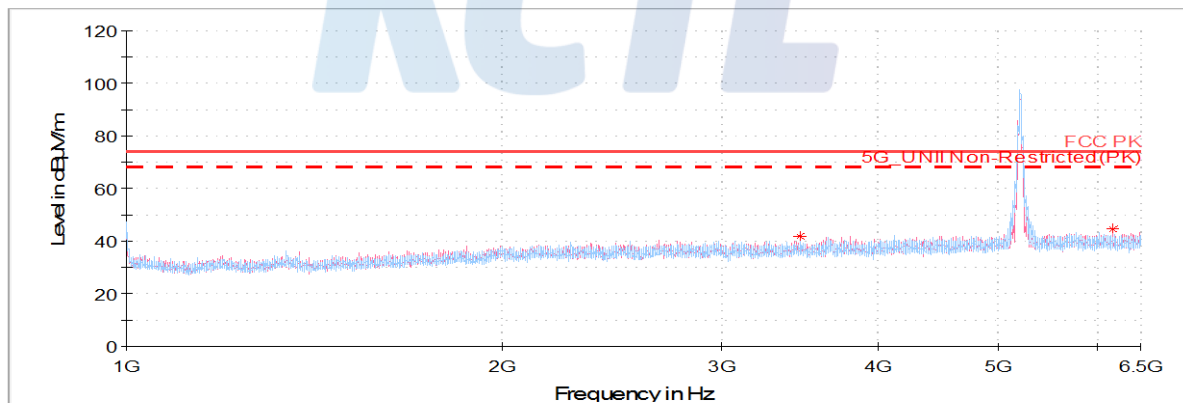
- 1 GHz ~ 6.5 GHz data_U-NII-1

- 802.11a

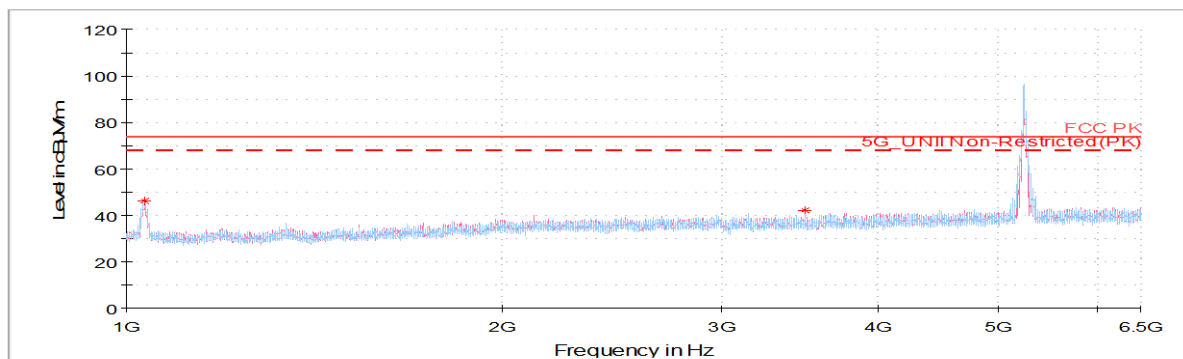
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)



Highest Channel (5 240 MHz)



KCTL Inc.

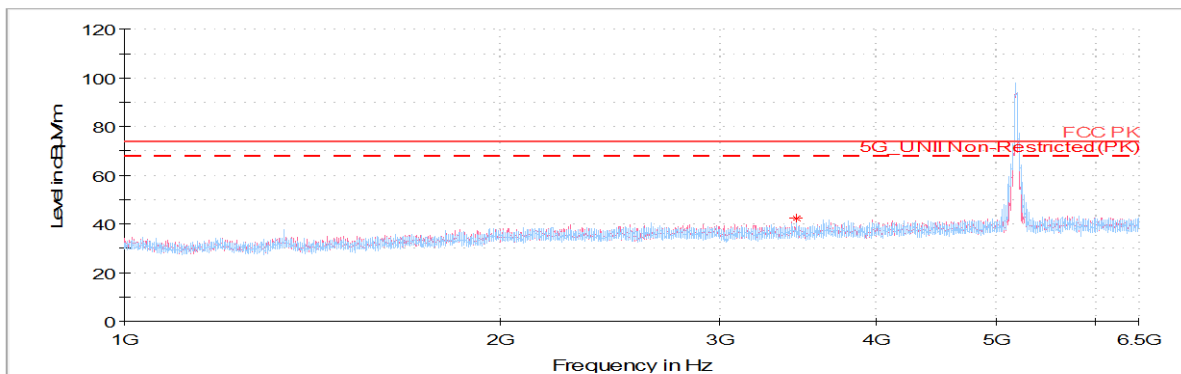
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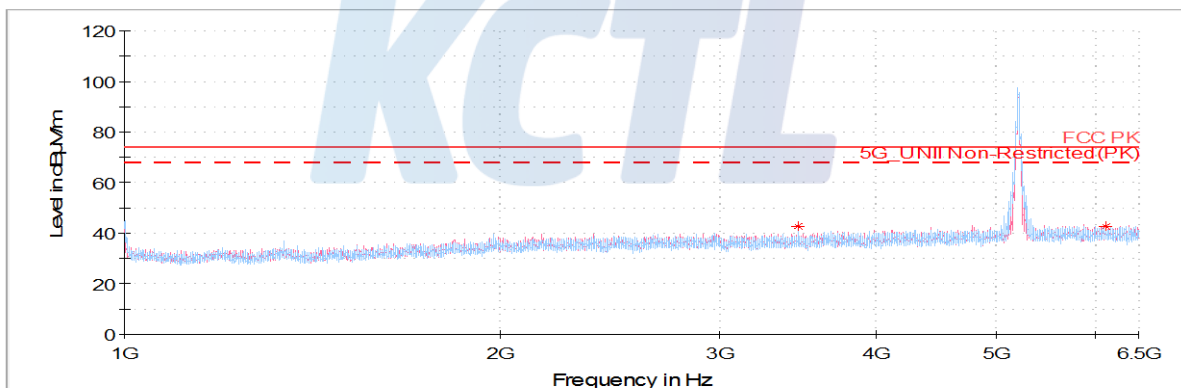
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- 802.11n HT20

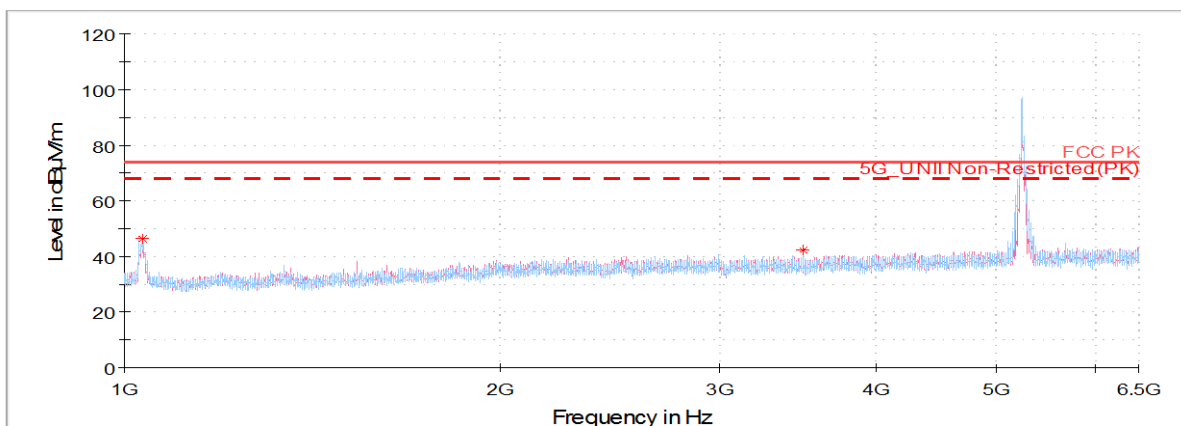
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)



Highest Channel (5 240 MHz)



KCTL Inc.

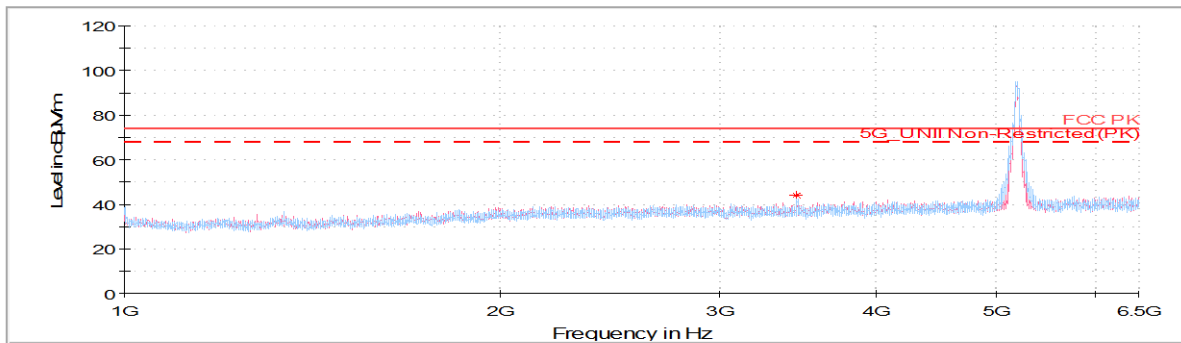
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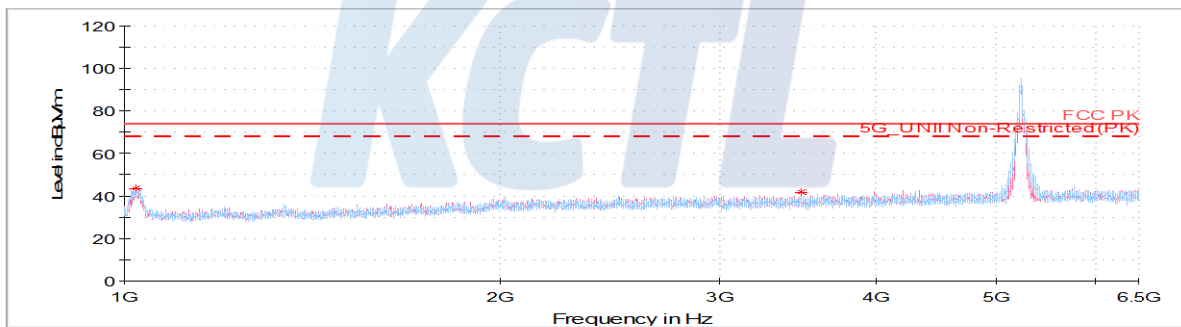
KCTL

- 802.11n HT40

Lowest Channel (5 190 MHz)

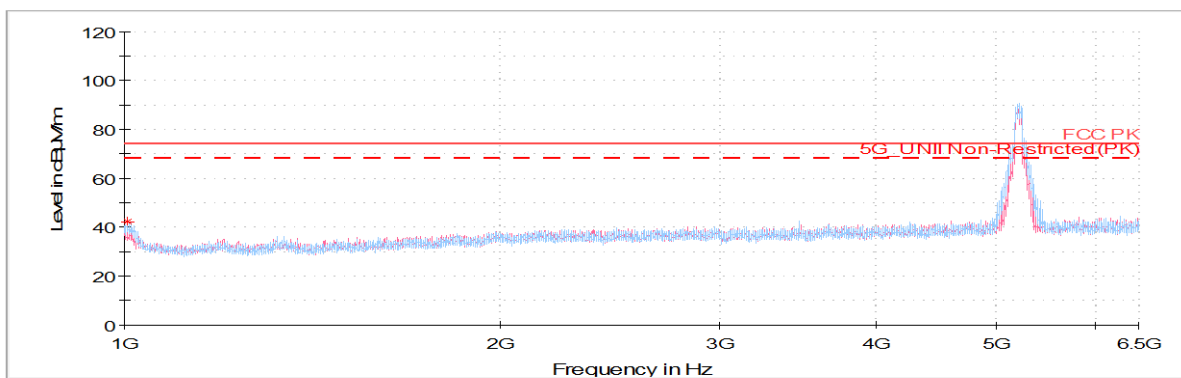


Highest Channel (5 230 MHz)



- 802.11ac VHT80

Middle Channel (5 210 MHz)



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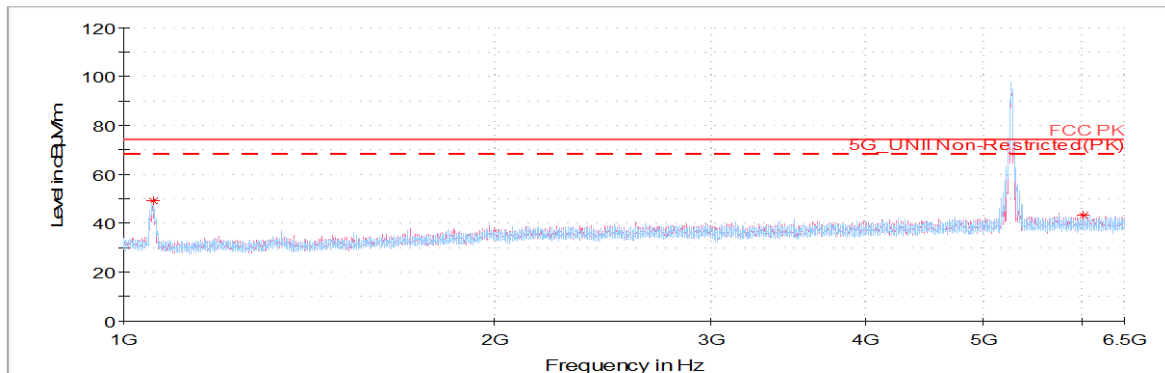
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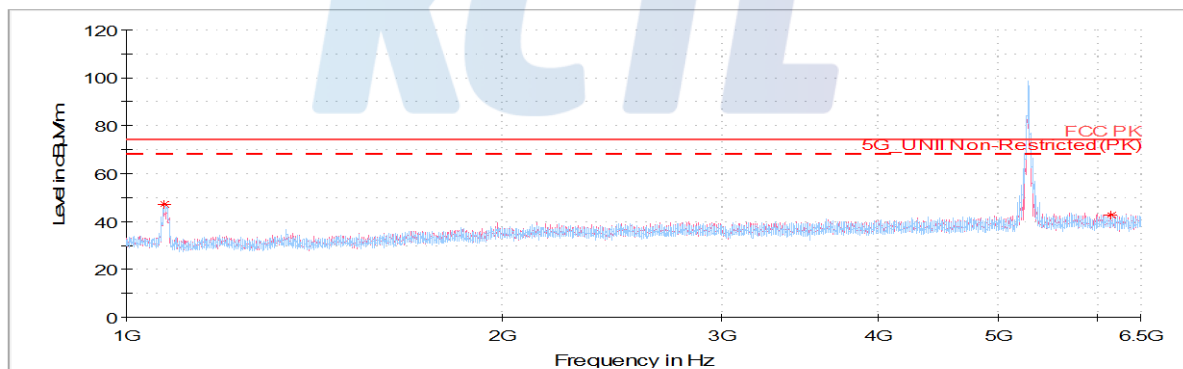
- 1 GHz ~ 6.5 GHz data_U-NII-2A

- 802.11a

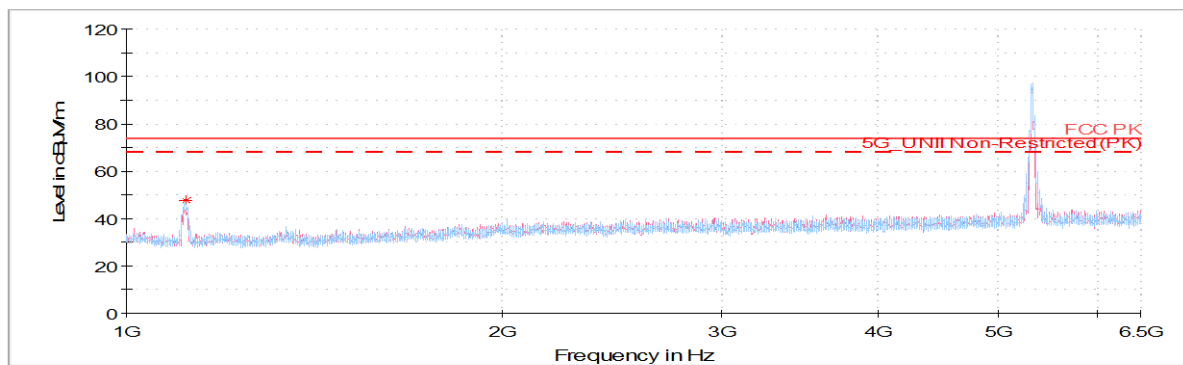
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



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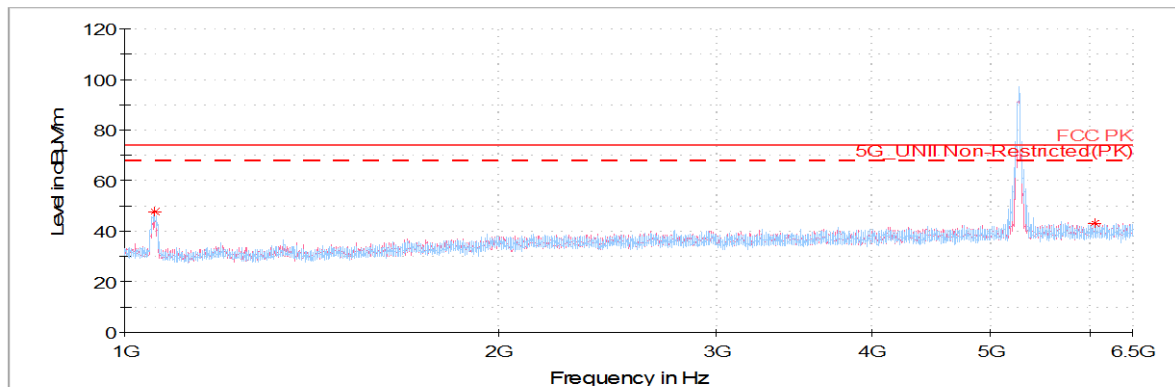
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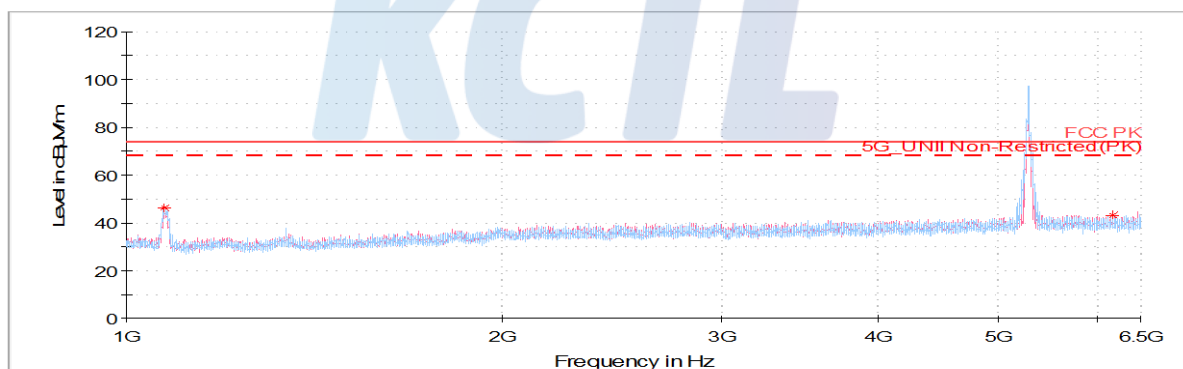
KCTL

- 802.11n HT20

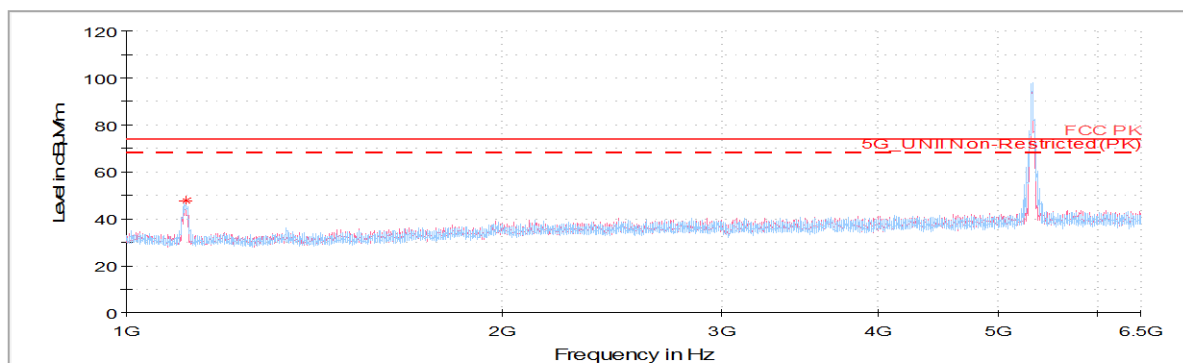
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



KCTL Inc.

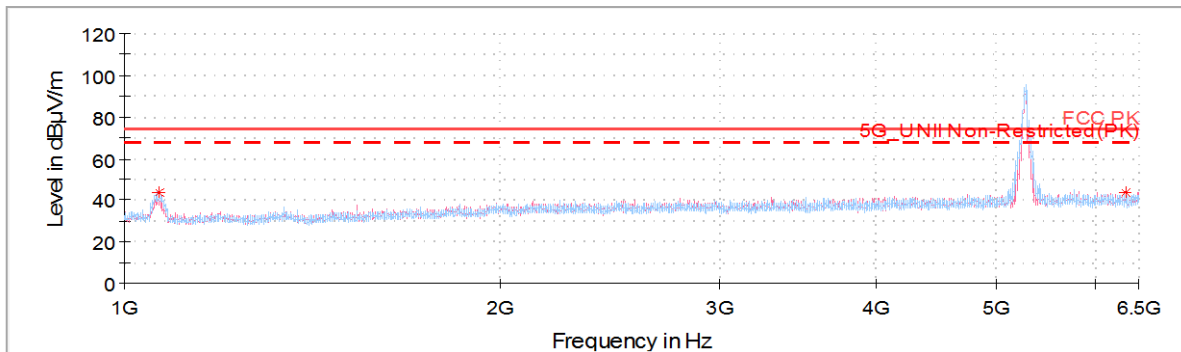
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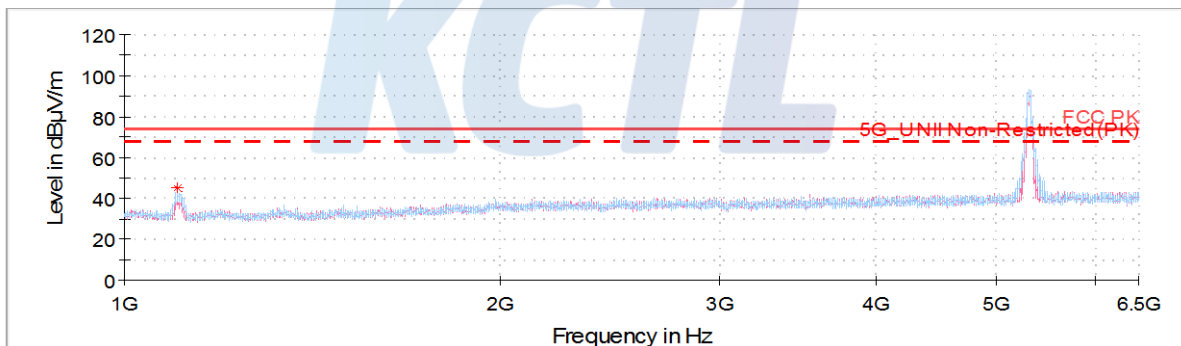
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- 802.11n HT40

Lowest Channel (5 270 MHz)

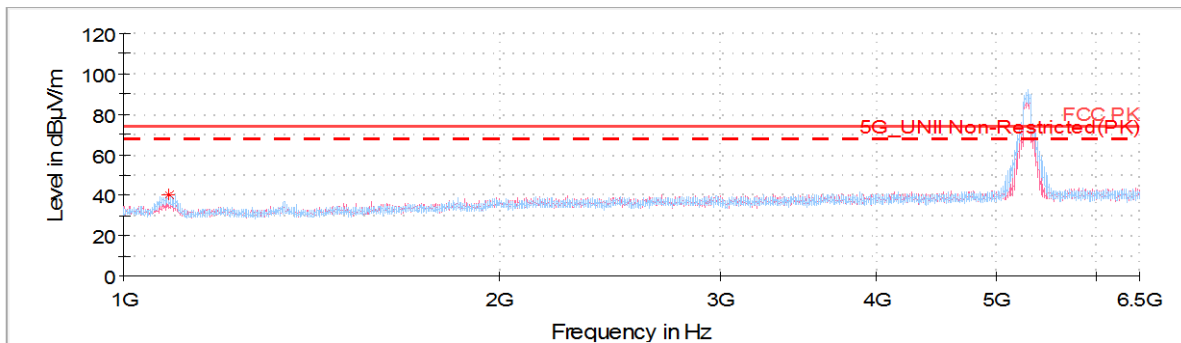


Highest Channel (5 310 MHz)



- 802.11ac VHT80

Middle Channel (5 290 MHz)



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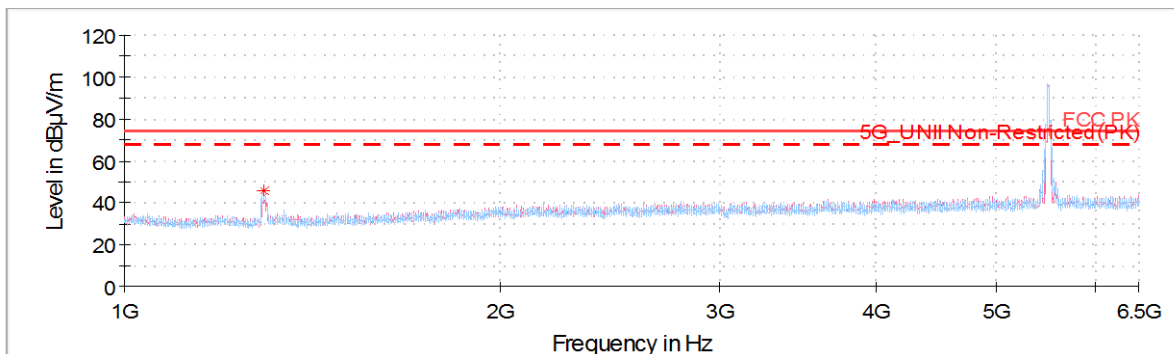
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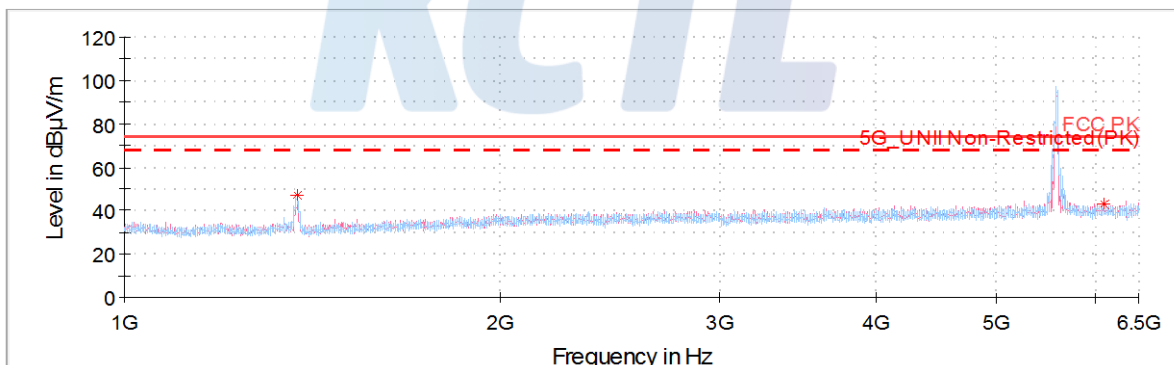
- 1 GHz ~ 6.5 GHz data_U-NII-2C

- 802.11a

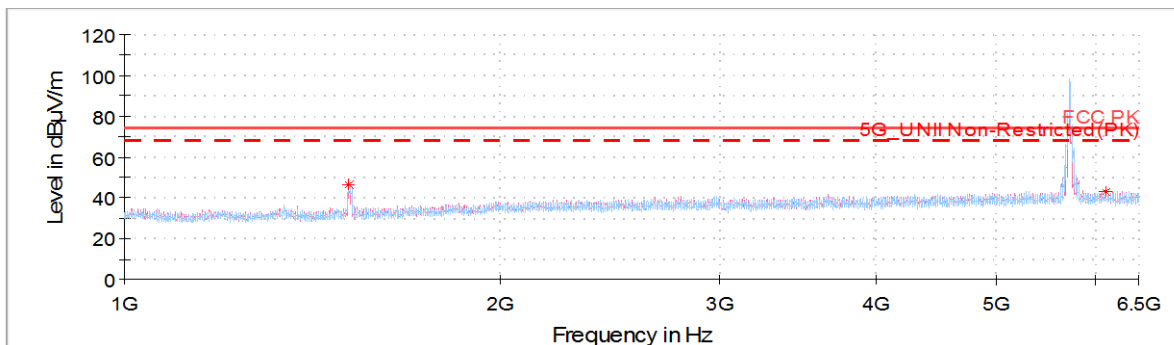
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



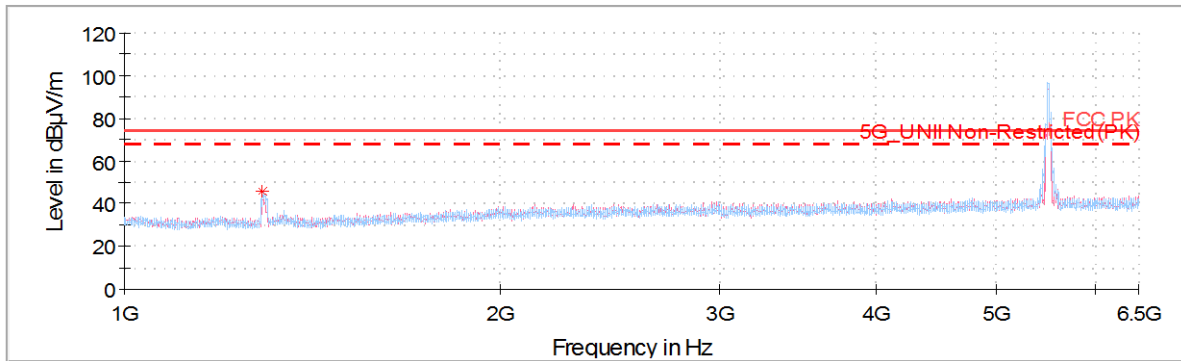
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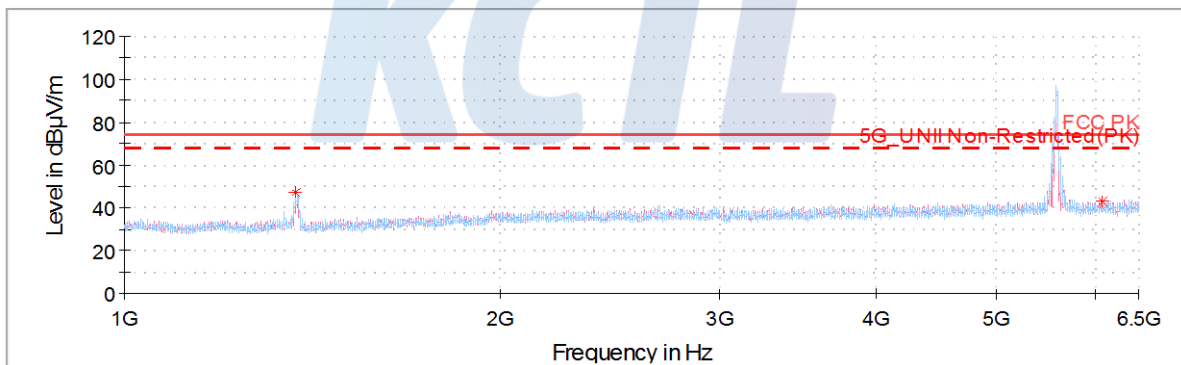
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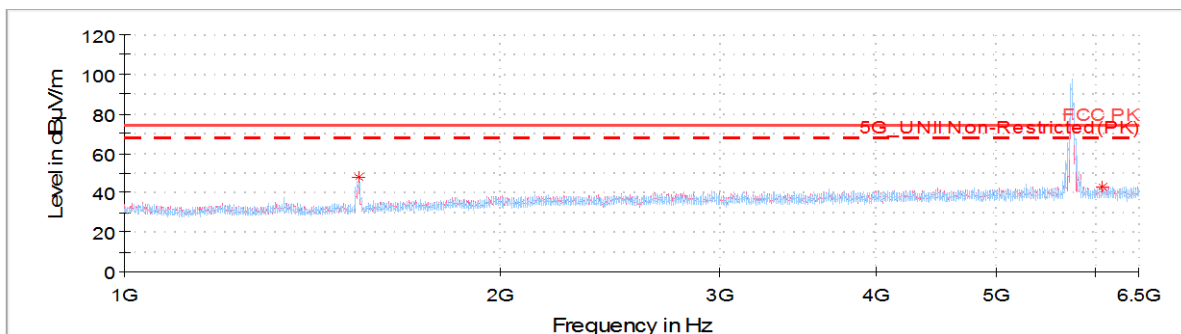
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



KCTL Inc.

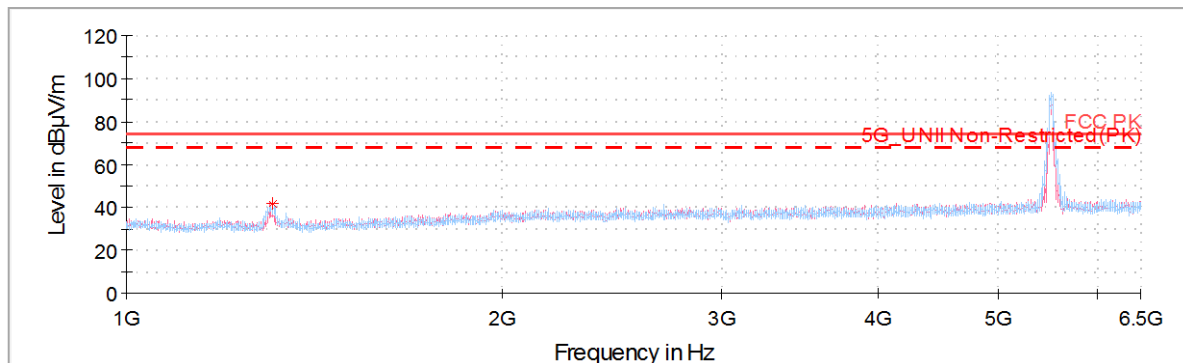
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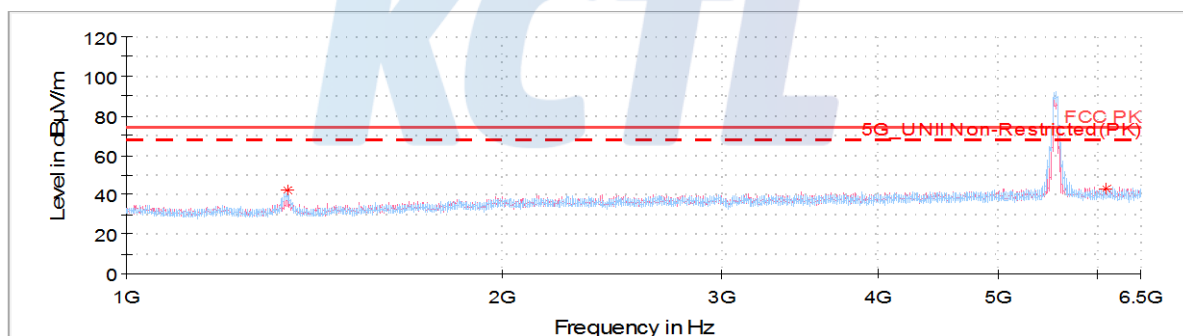
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- 802.11n HT40

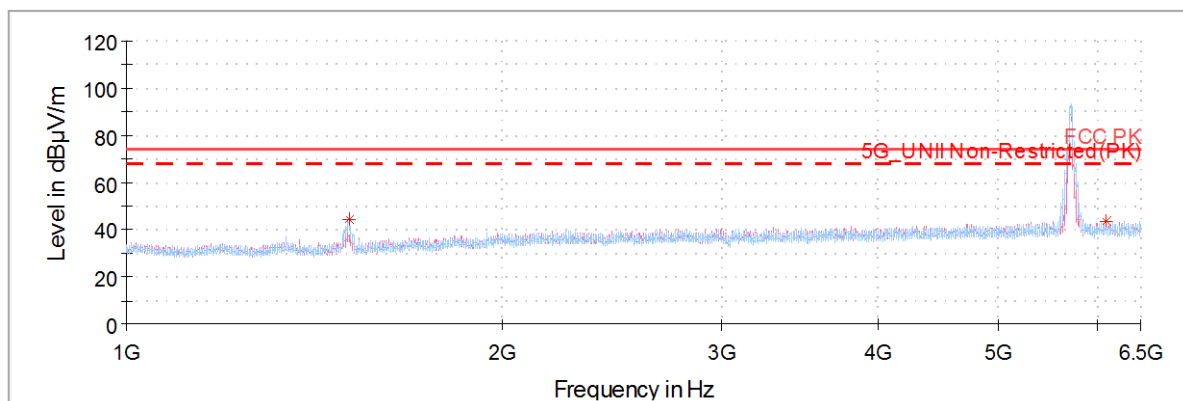
Lowest Channel (5 510 MHz)



Middle Channel (5 550 MHz)



Highest Channel (5 710 MHz)



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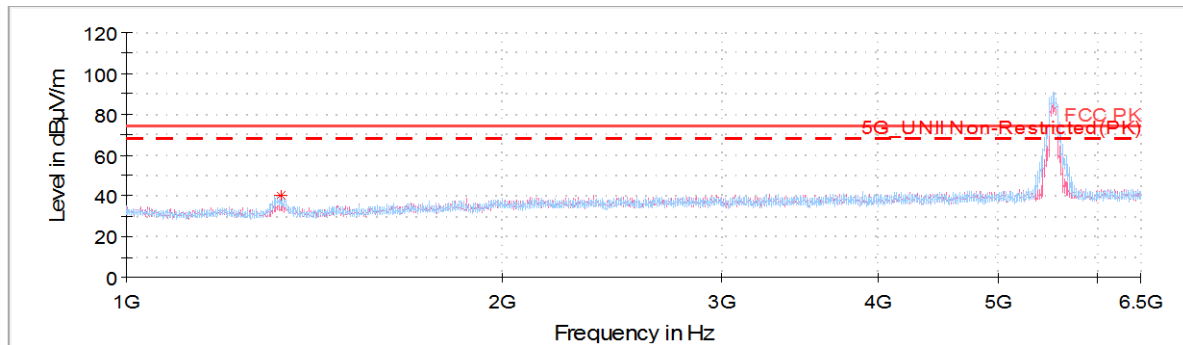
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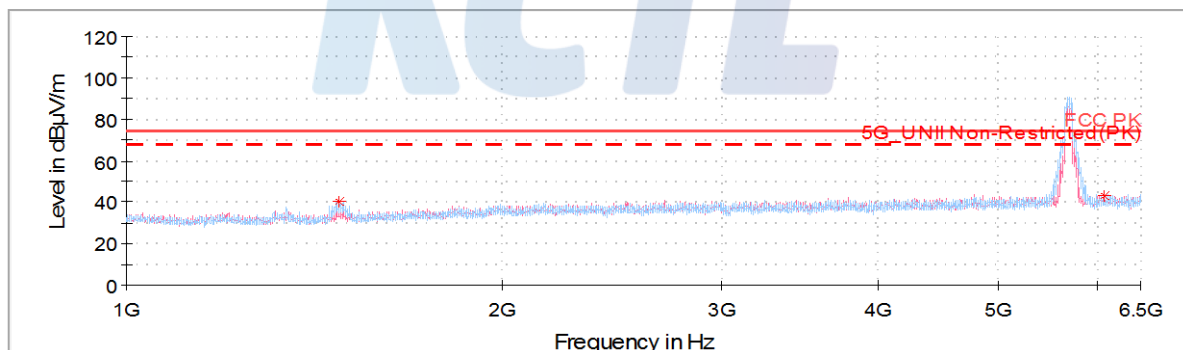
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- 802.11ac VHT80

Lowest Channel (5 530 MHz)



Highest Channel (5 690 MHz)



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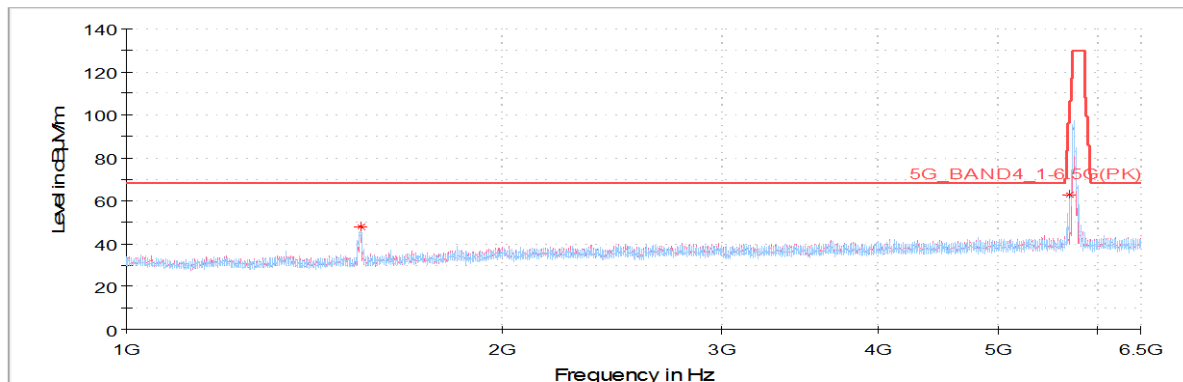
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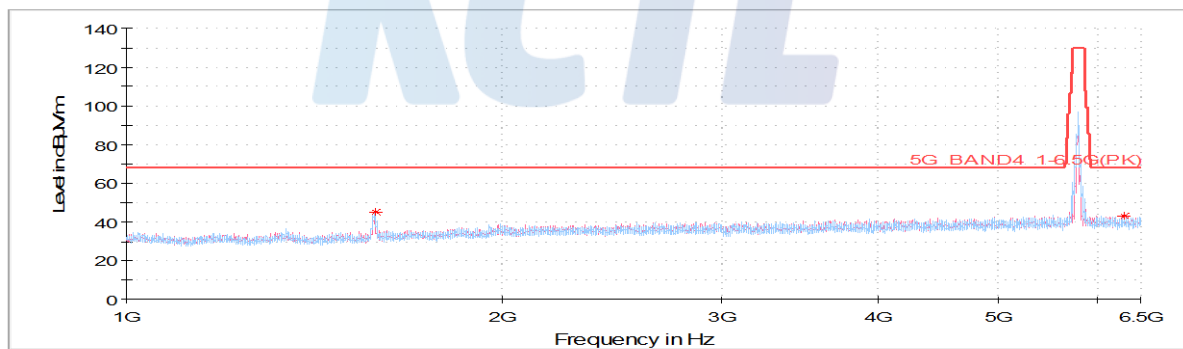
- 1 GHz ~ 6.5 GHz data_U-NII-3

- 802.11a

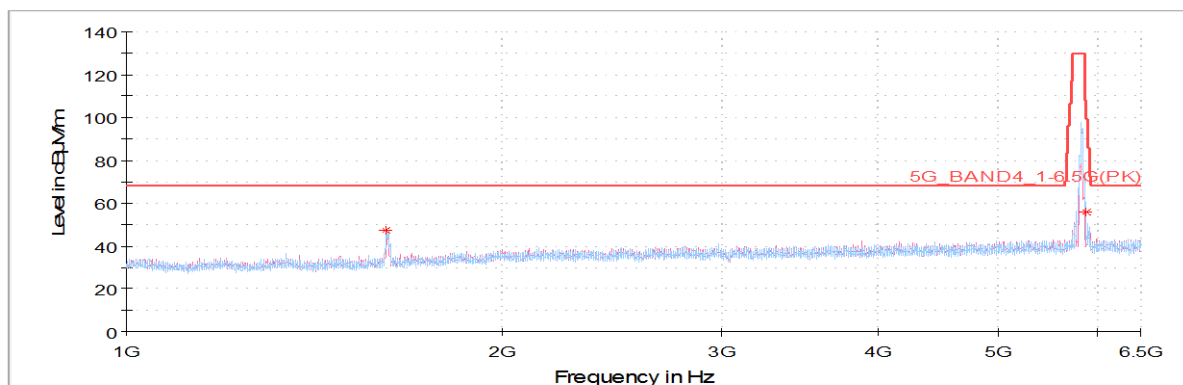
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



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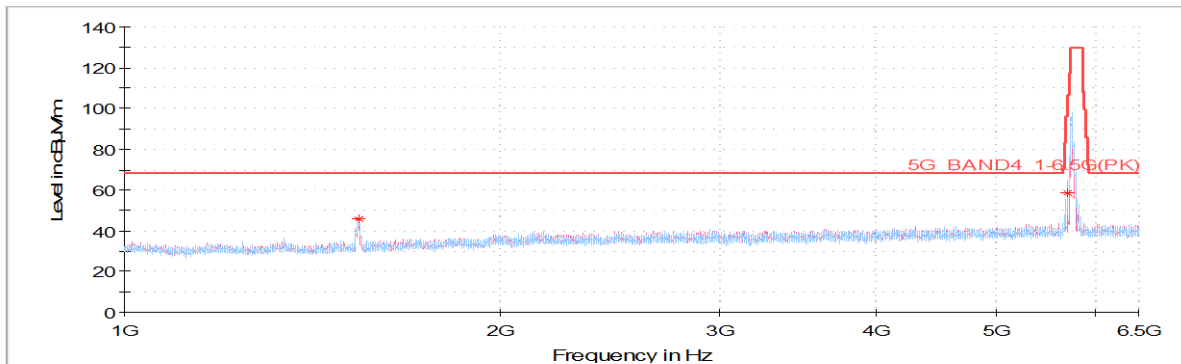
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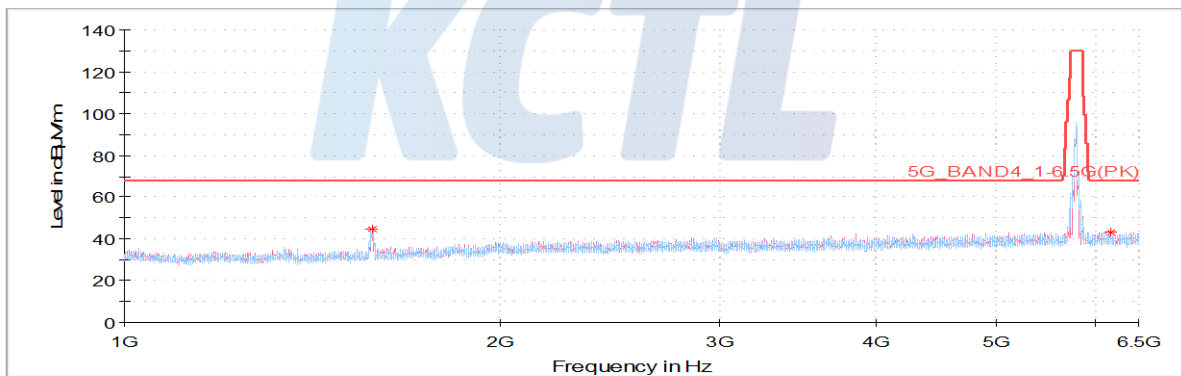
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- 802.11n HT20

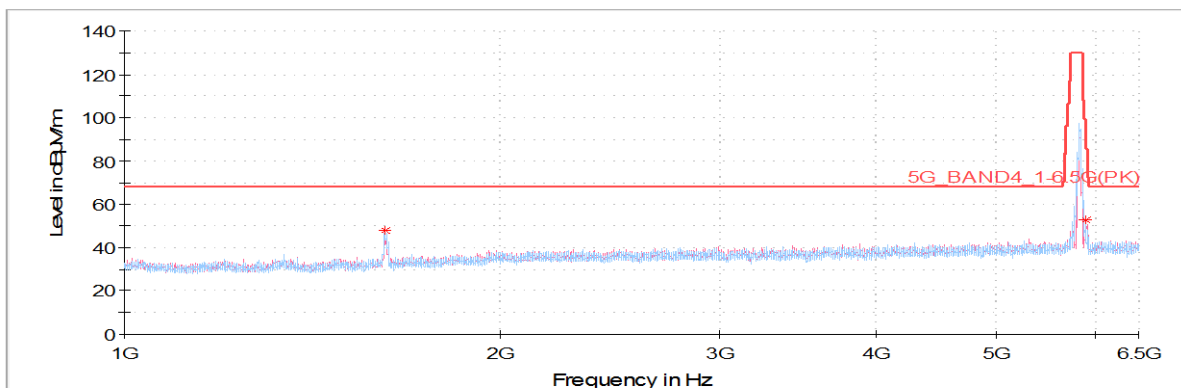
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



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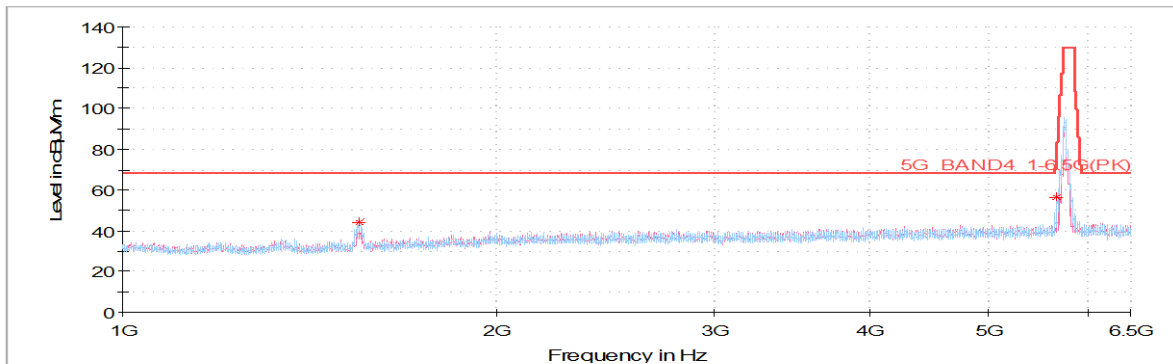
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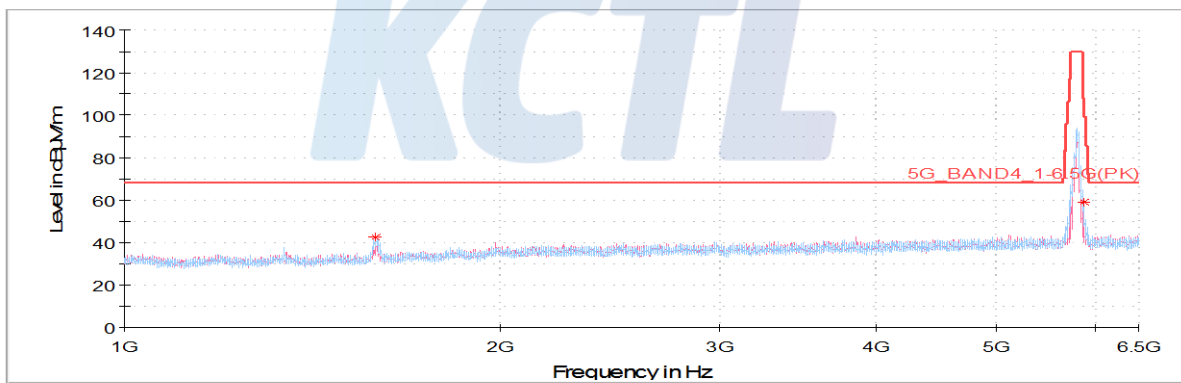
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- 802.11n HT40

Lowest Channel (5 755 MHz)

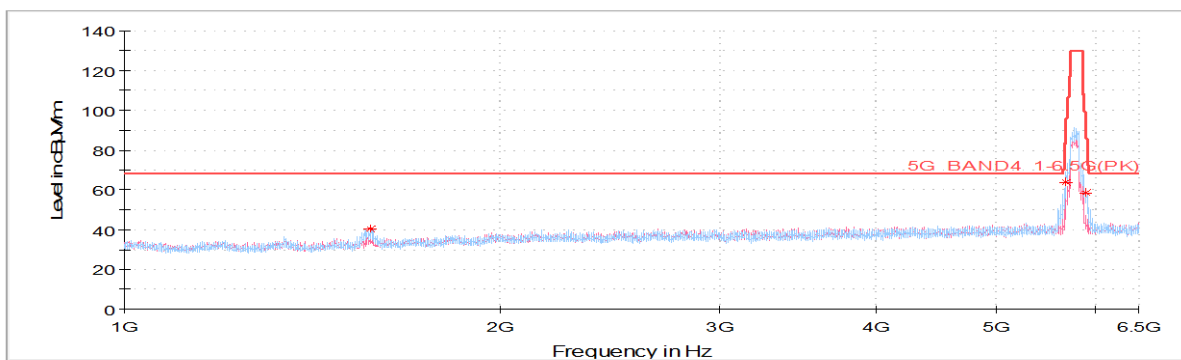


Highest Channel (5 795 MHz)



- 802.11ac VHT80

Middle Channel (5 775 MHz)



KCTL Inc.

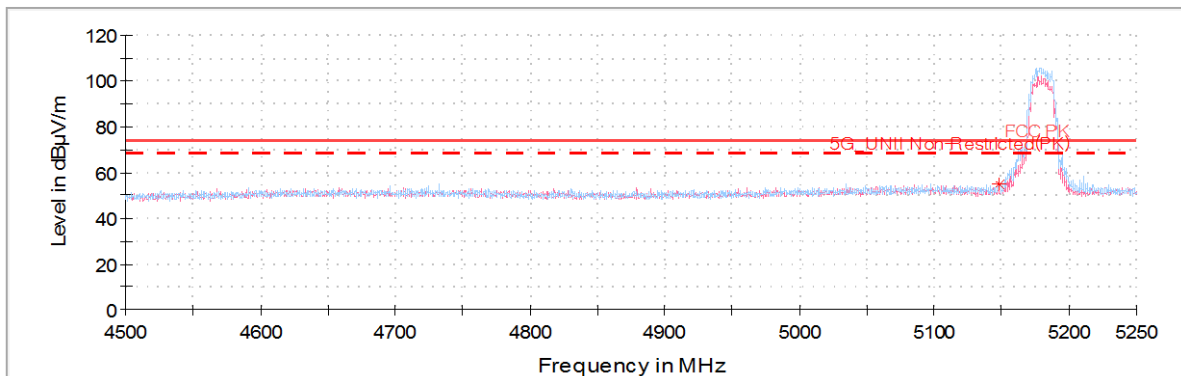
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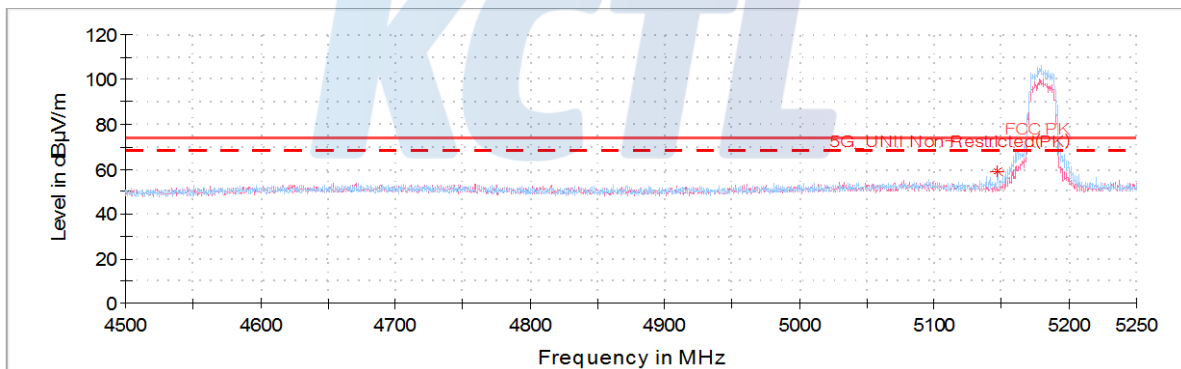
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- Restricted Bandedge data_U-NII-1(Lowest channel)

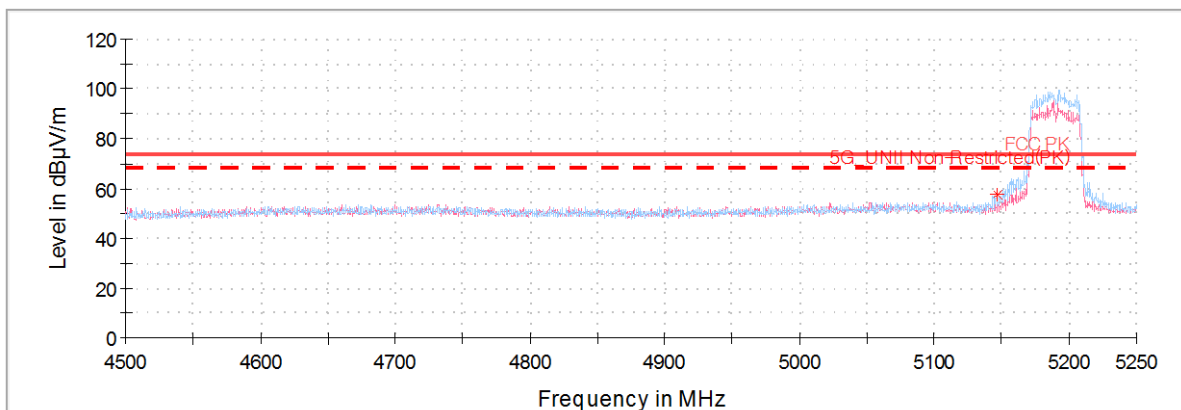
- 802.11a



- 802.11n HT20



- 802.11n HT40



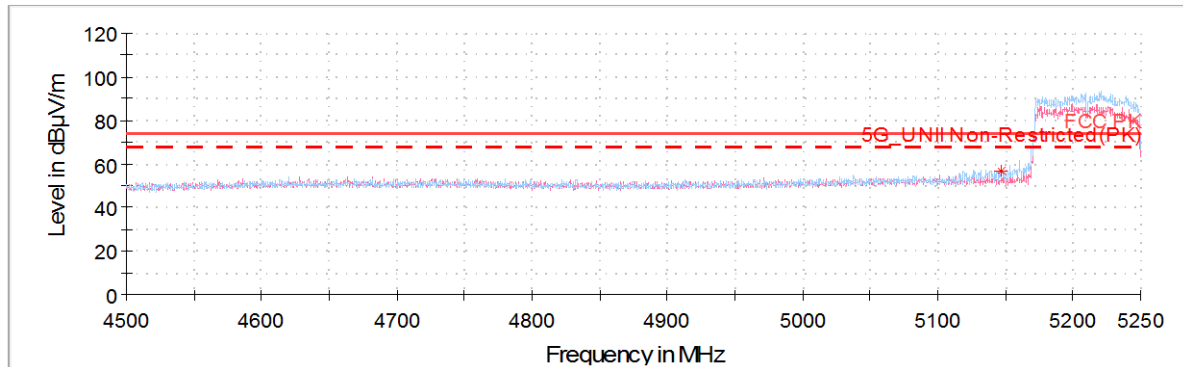
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- 802.11ac VHT80



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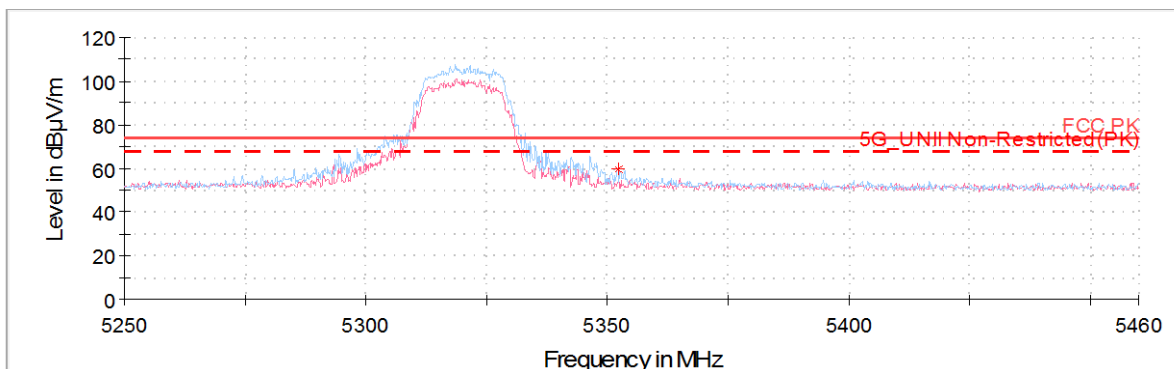
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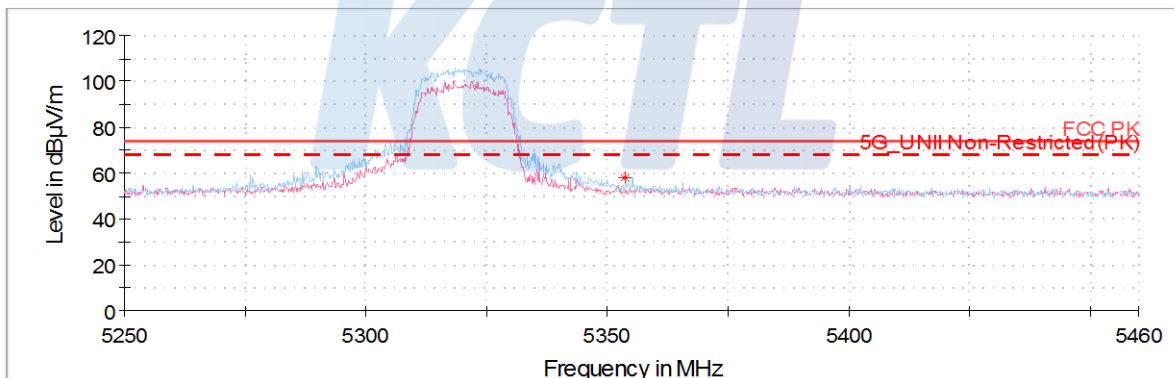
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- Restricted Bandedge data_U-NII-2A(Highest Channel)

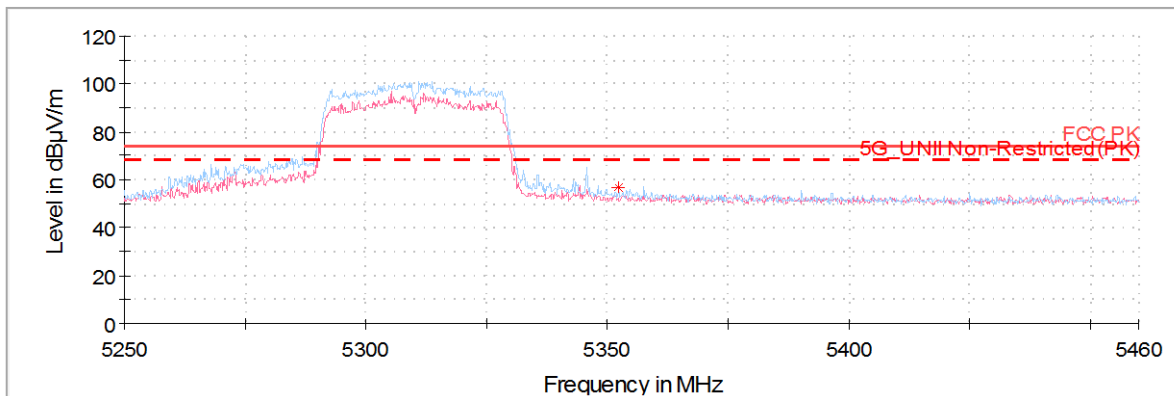
- 802.11a



- 802.11n HT20



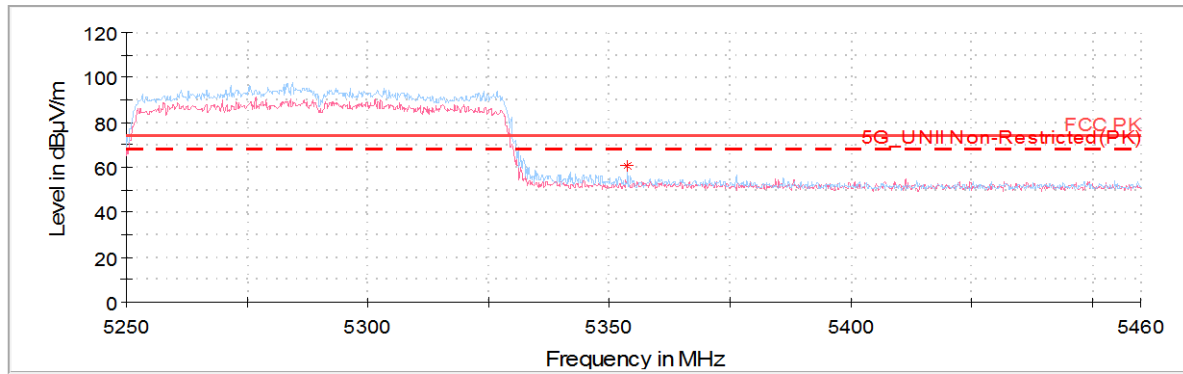
- 802.11n HT40



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KCTL**- 802.11ac VHT80****KCTL**

KCTL Inc.

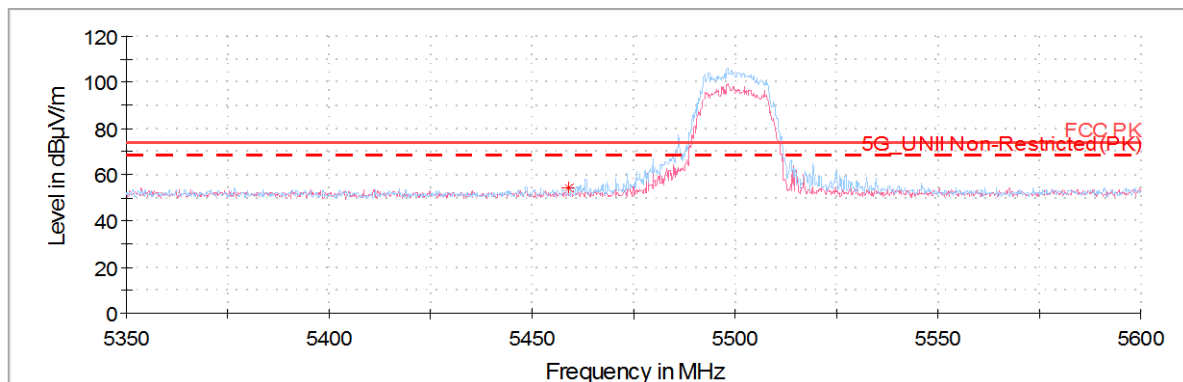
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
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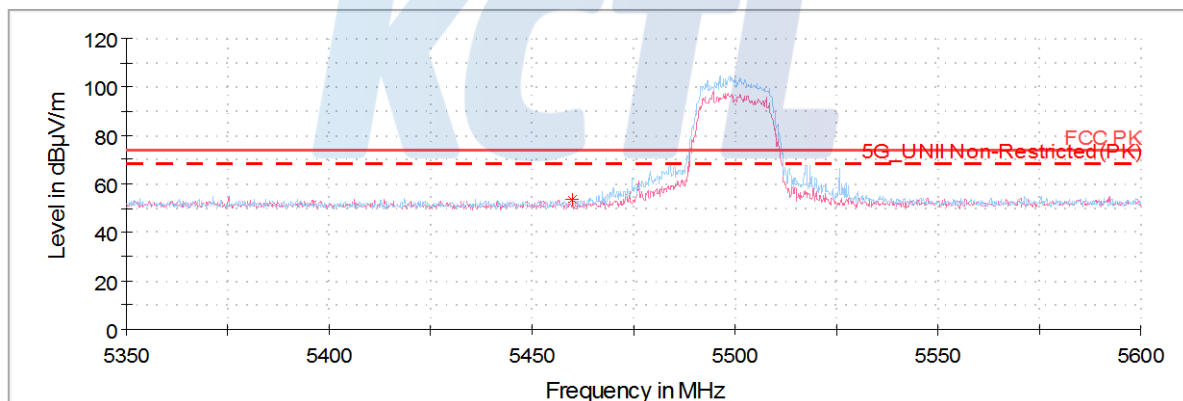
KCTL

- Restricted Bandedge data_U-NII-2C(Lowest channel)

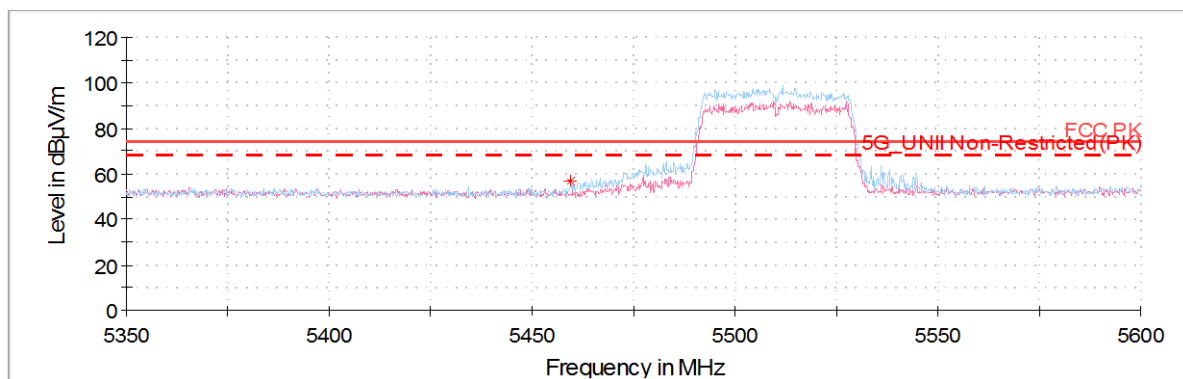
- 802.11a



- 802.11n HT20



- 802.11n HT40



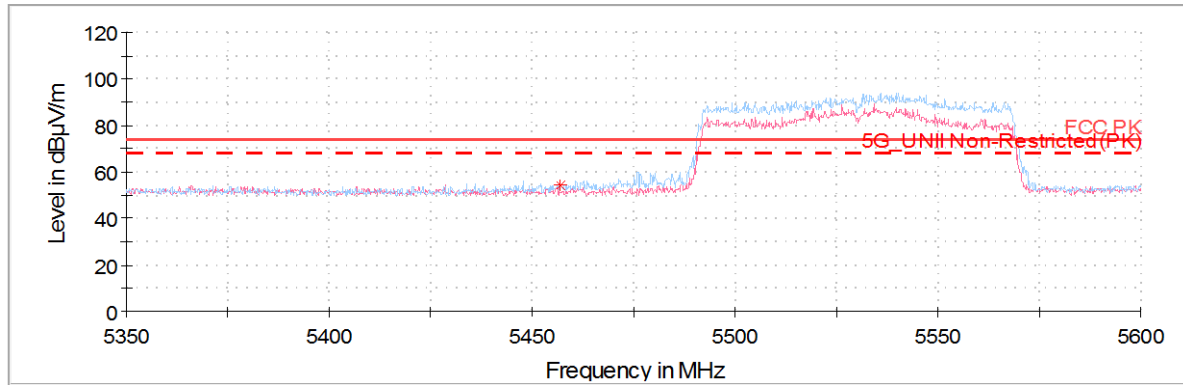
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- 802.11ac VHT80



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KCTL Inc.

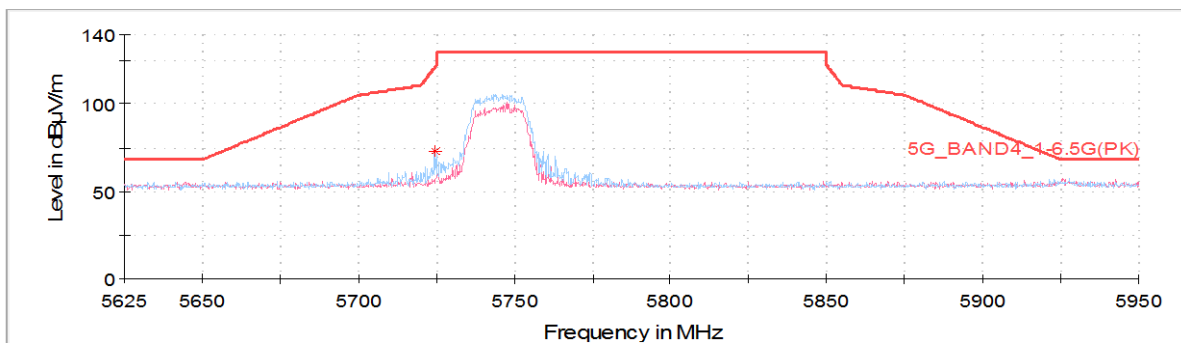
65, Sinwon-ro, Yeongtong-gu,
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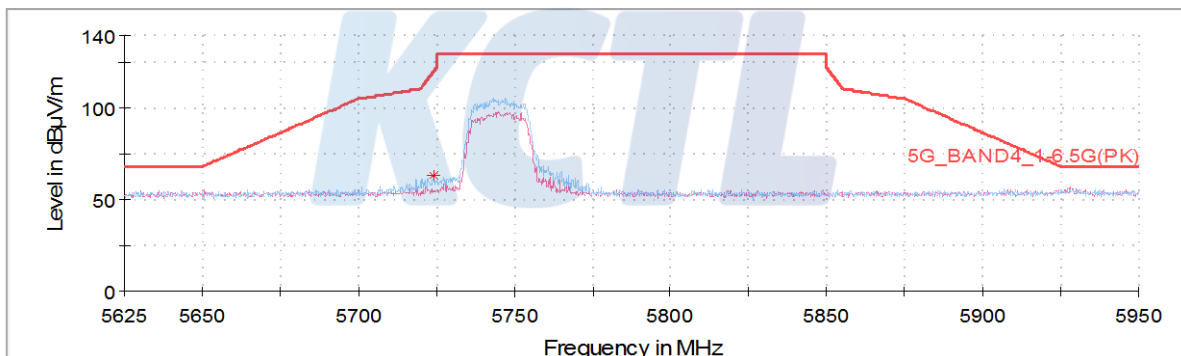
KCTL

- Restricted Bandedge data_U-NII-3(Lowest channel)

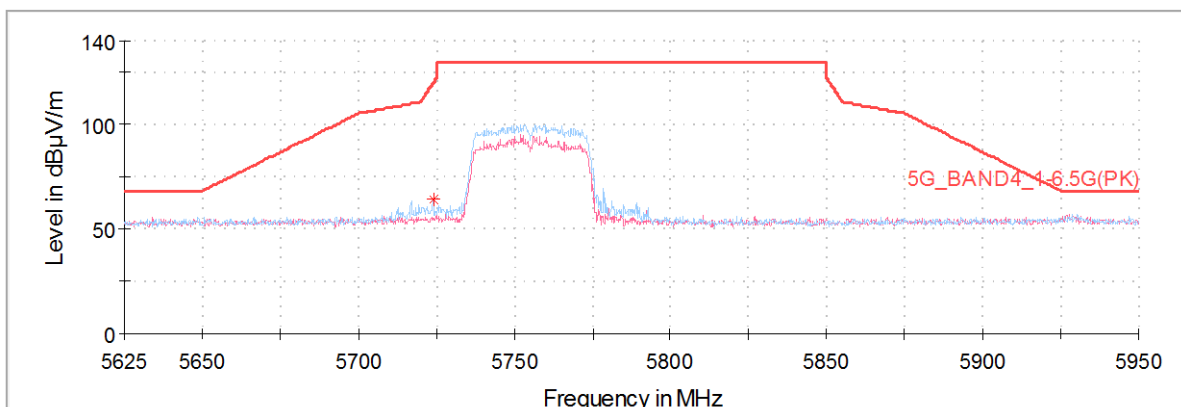
- 802.11a



- 802.11n HT20



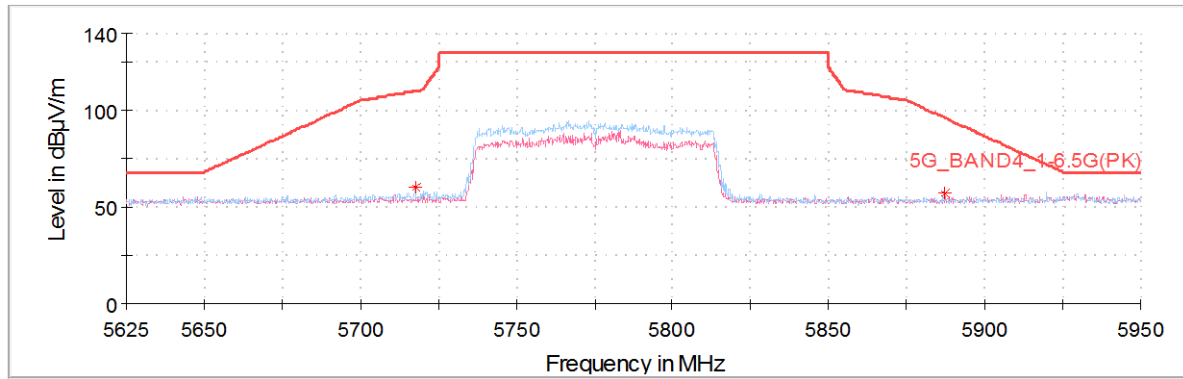
- 802.11n HT40



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KCTL**- 802.11ac VHT80****KCTL**

KCTL Inc.

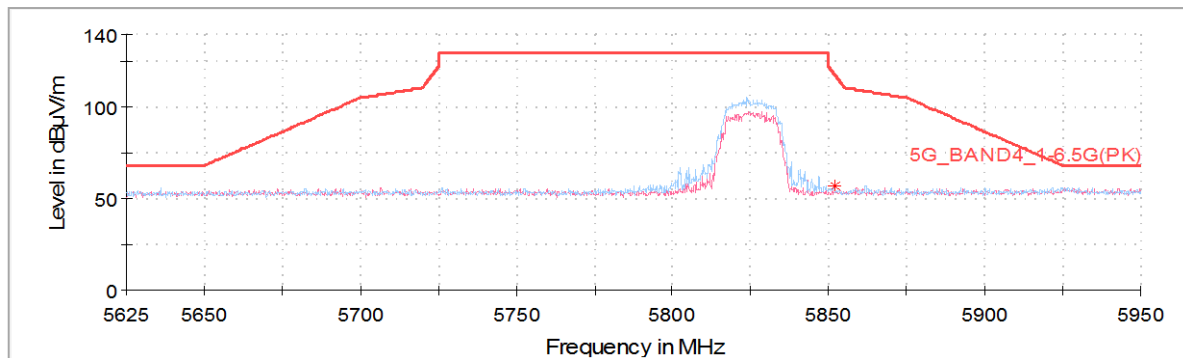
65, Sinwon-ro, Yeongtong-gu,
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TEL: 82-31-285-0894 FAX: 82-505-299-8311
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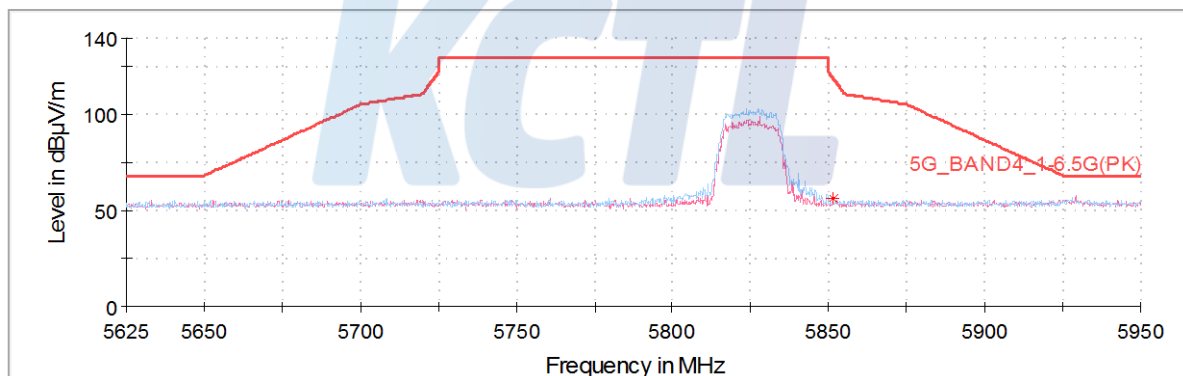
KCTL

- Restricted Bandedge data_U-NII-3(Highest Channel)

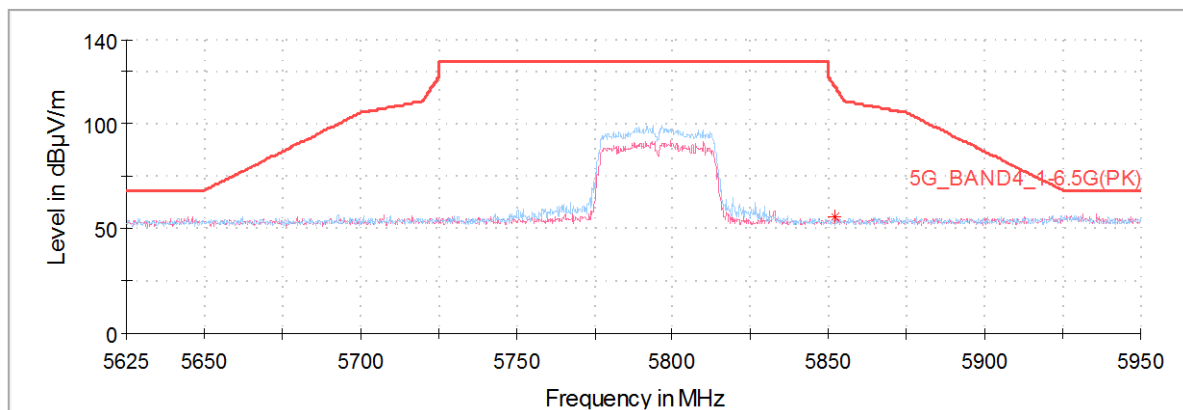
- 802.11a



- 802.11n HT20



- 802.11n HT40



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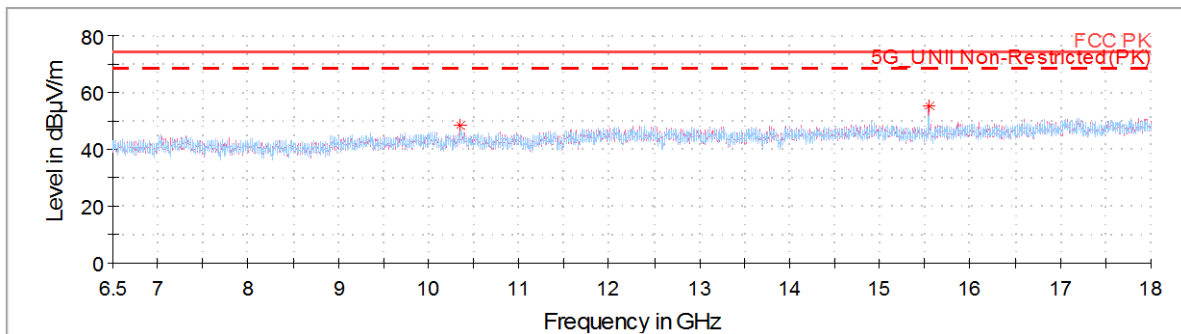
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KCTL

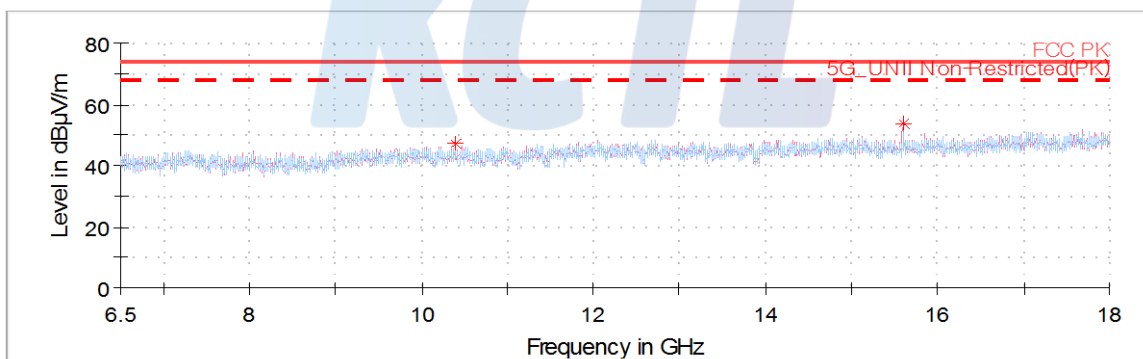
- 6.5 GHz ~ 18 GHz data_U-NII-1

- 802.11a

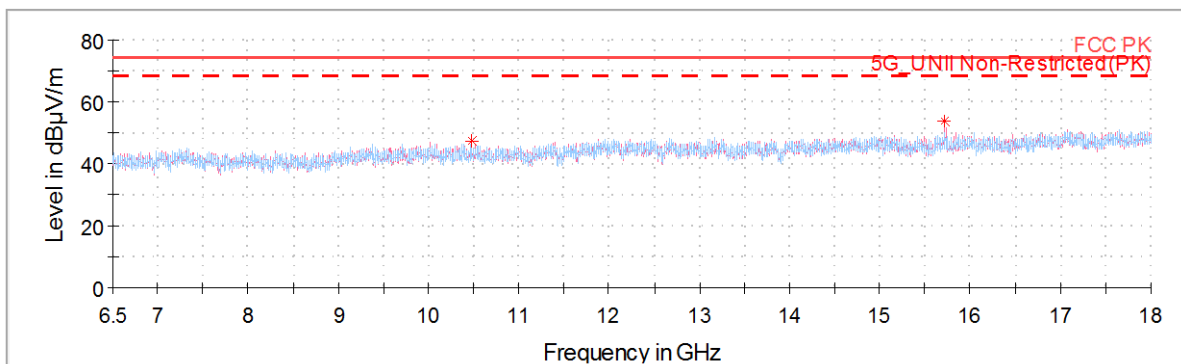
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)



Highest Channel (5 240 MHz)



KCTL Inc.

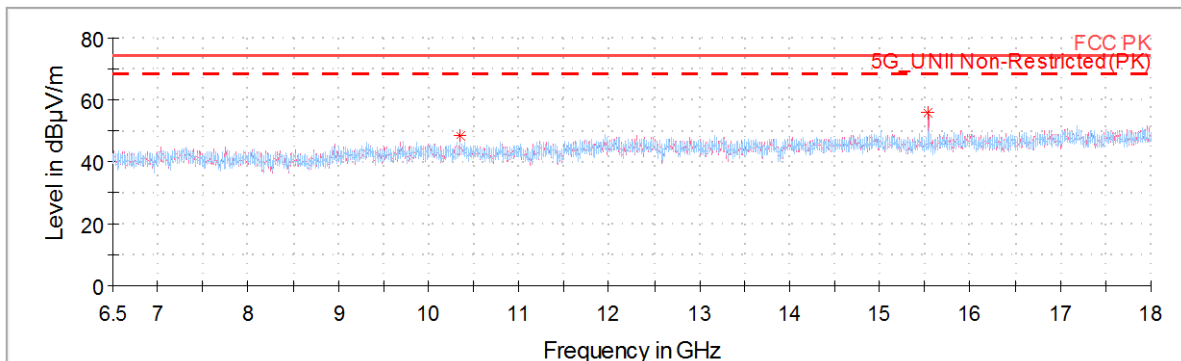
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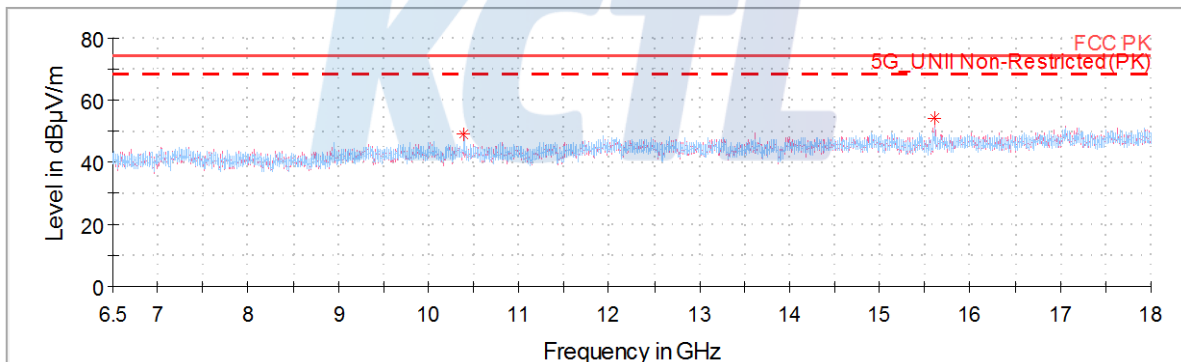
KCTL

- 802.11n HT20

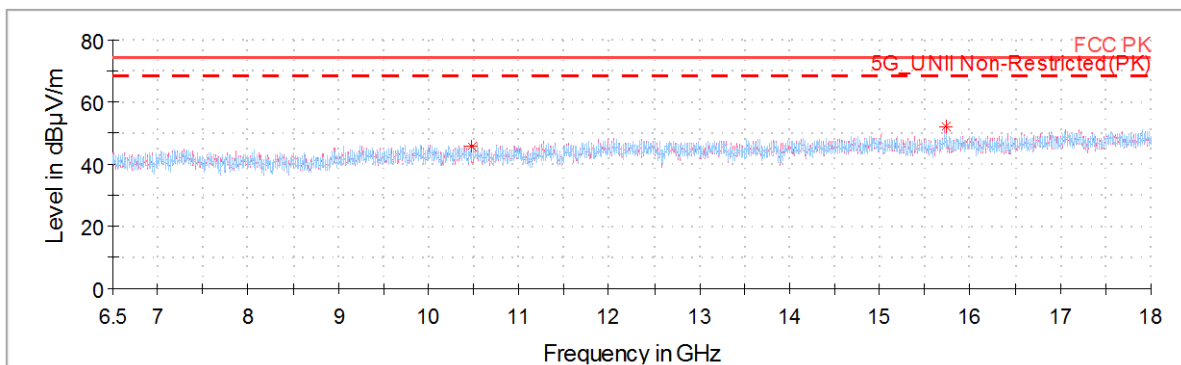
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)



Highest Channel (5 240 MHz)



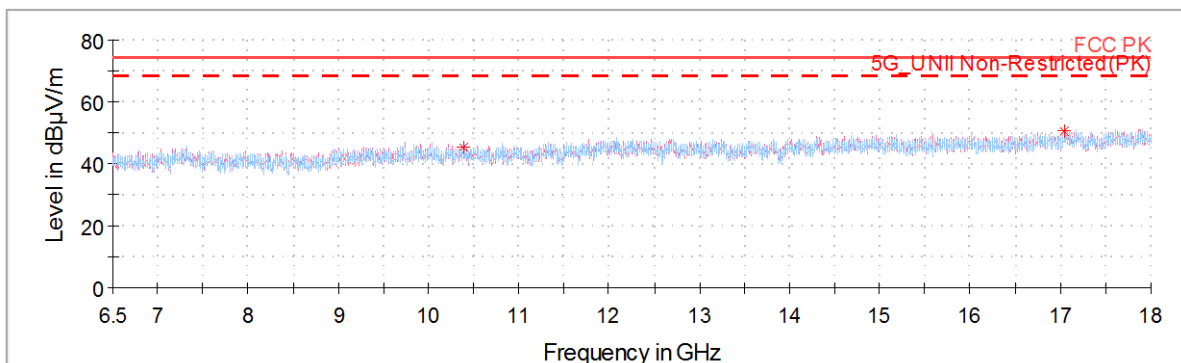
KCTL Inc.

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Suwon-si, Gyeonggi-do, 16677, Korea
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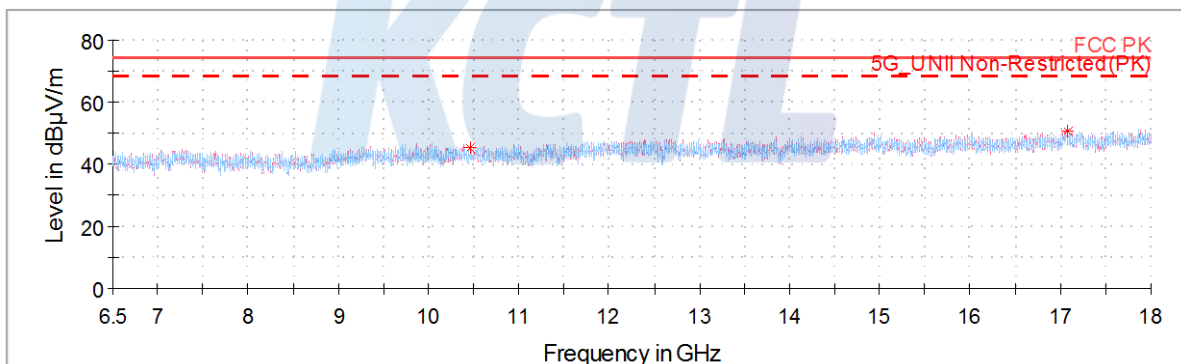
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KCTL**- 802.11n HT40**

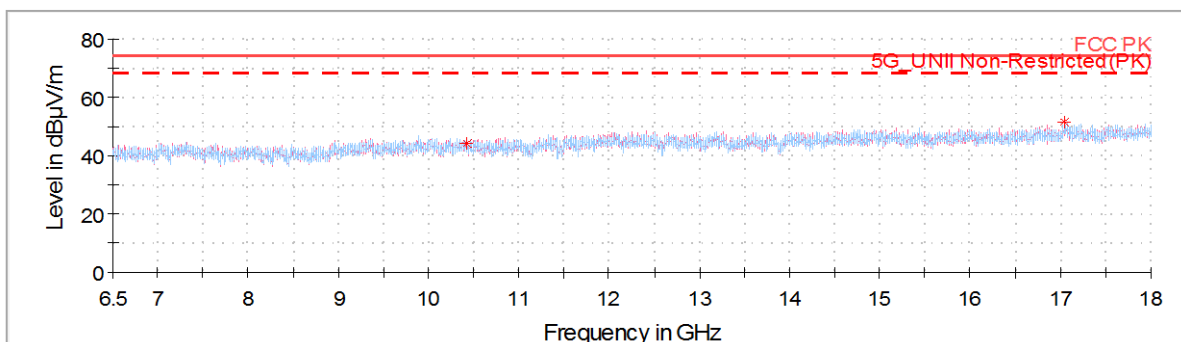
Lowest Channel (5 190 MHz)



Highest Channel (5 230 MHz)

**- 802.11ac VHT80**

Middle Channel (5 210 MHz)



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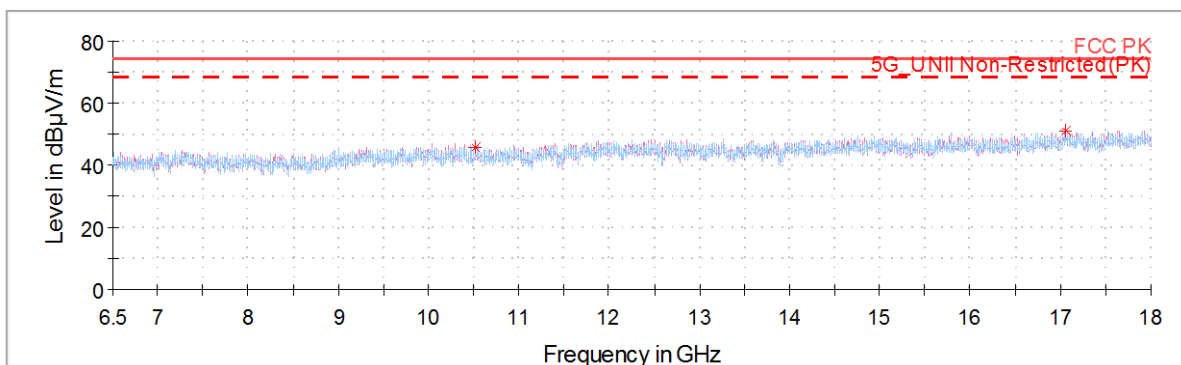
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KCTL

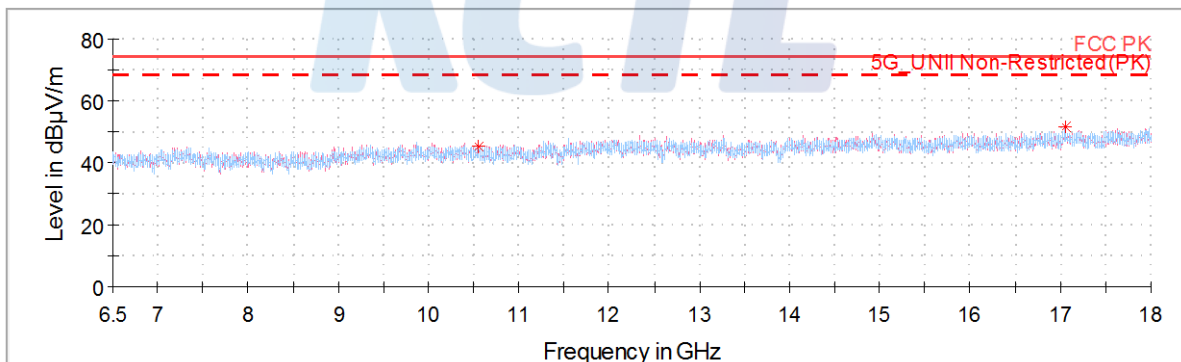
- 6.5 GHz ~ 18 GHz data_U-NII-2A

- 802.11a

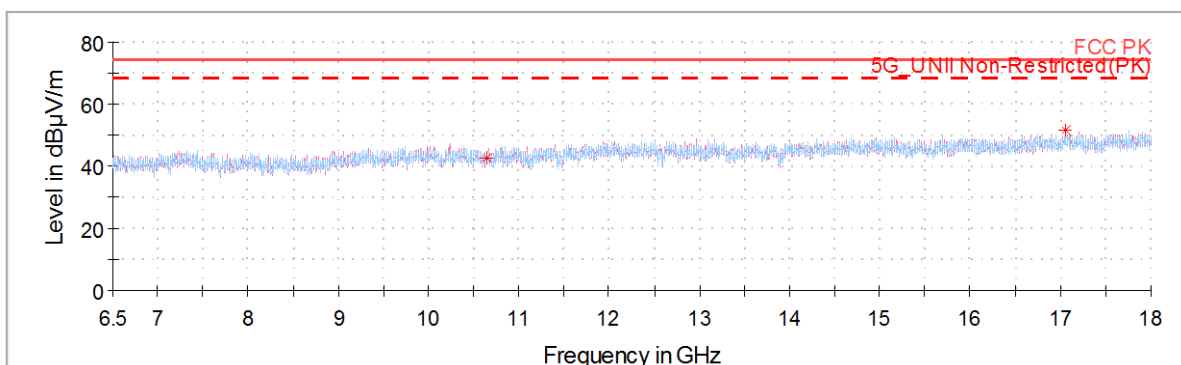
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



KCTL Inc.

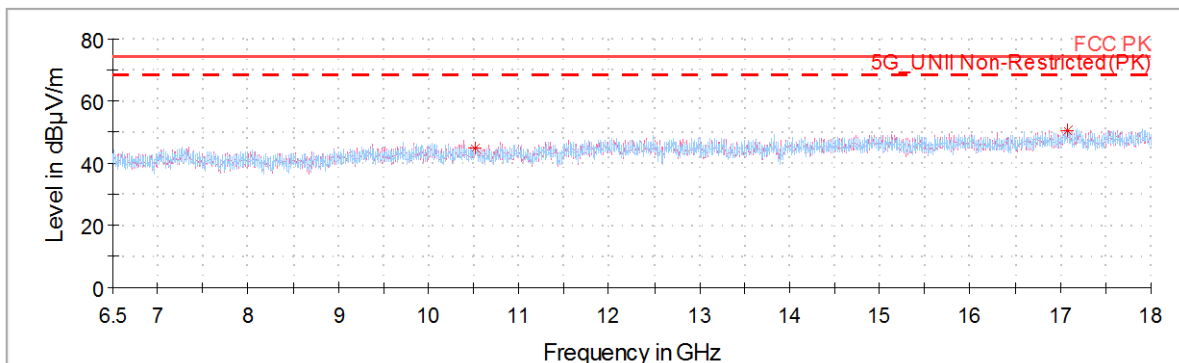
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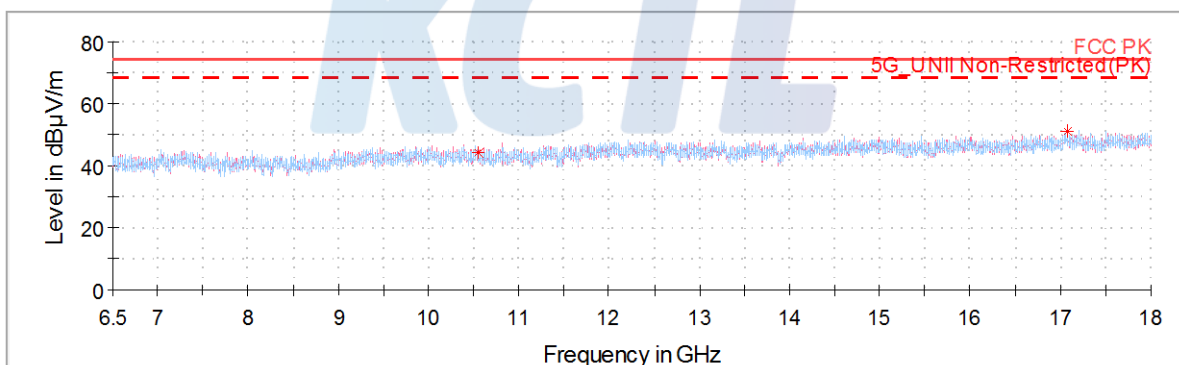
KCTL

- 802.11n HT20

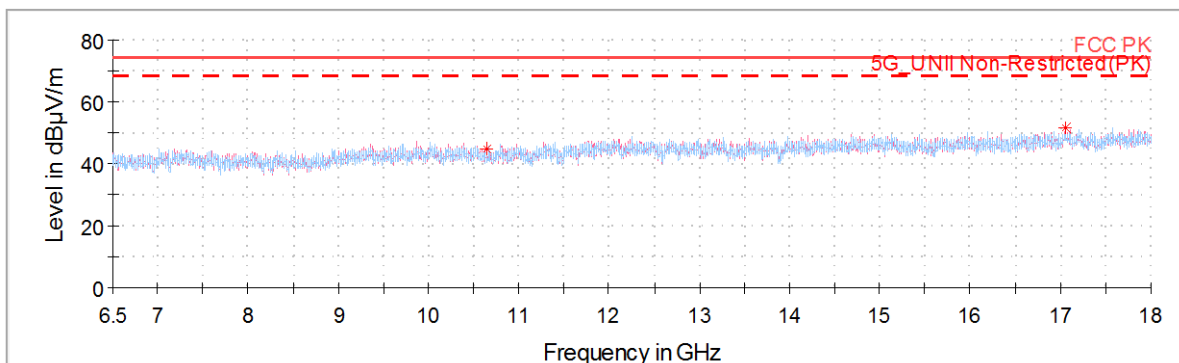
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



KCTL Inc.

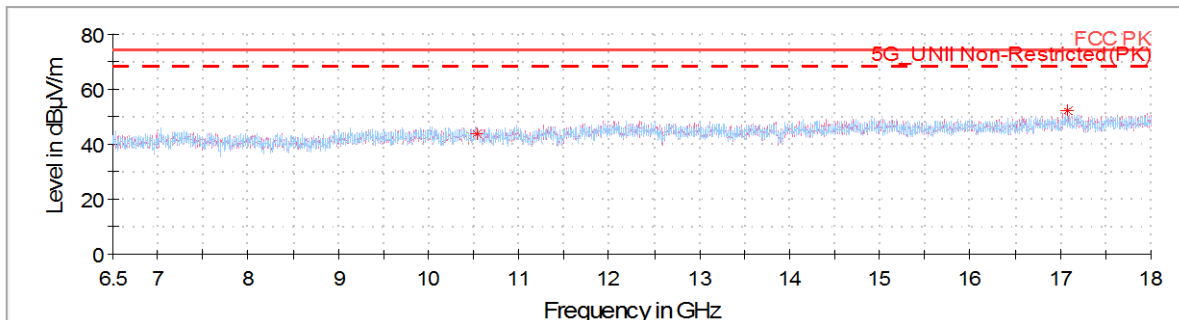
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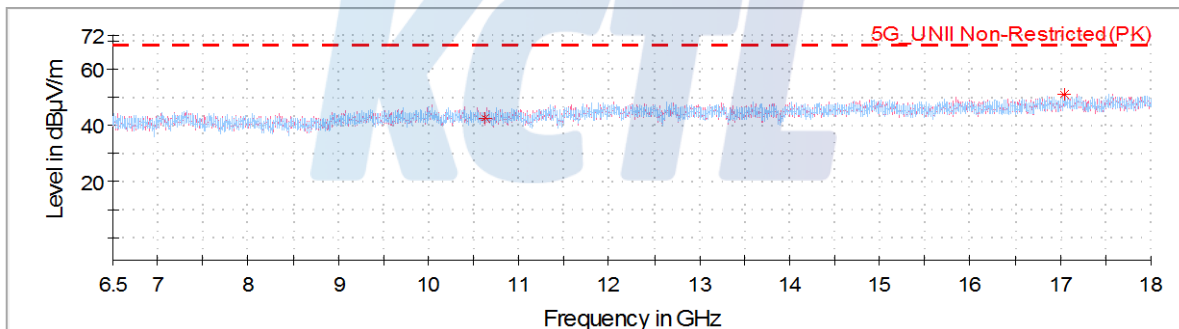
KCTL

- 802.11n HT40

Lowest Channel (5 270 MHz)

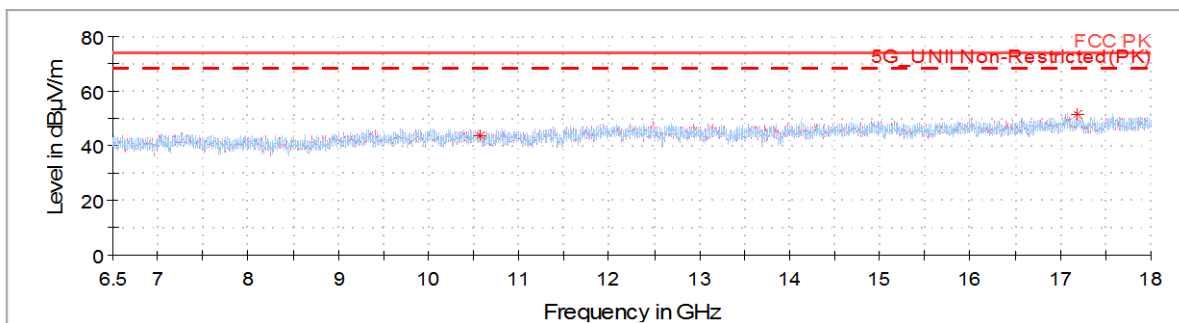


Highest Channel (5 310 MHz)



- 802.11ac VHT80

Middle Channel (5 290 MHz)



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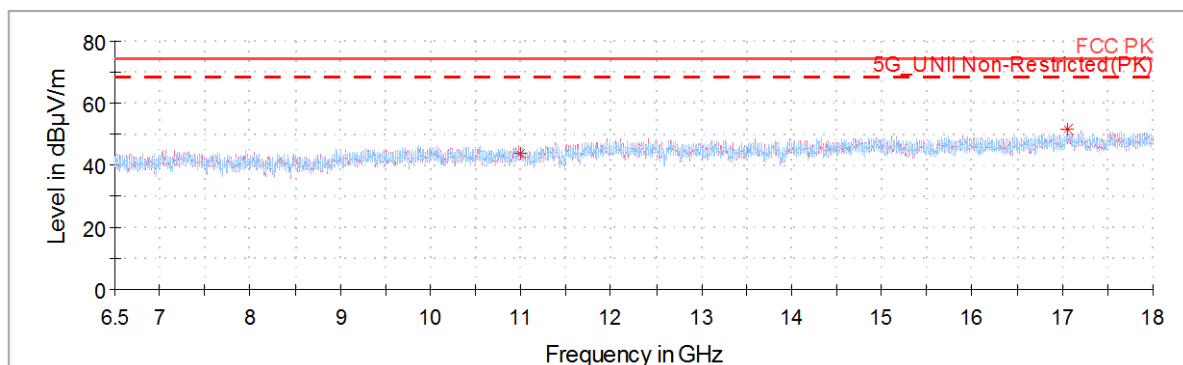
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KCTL

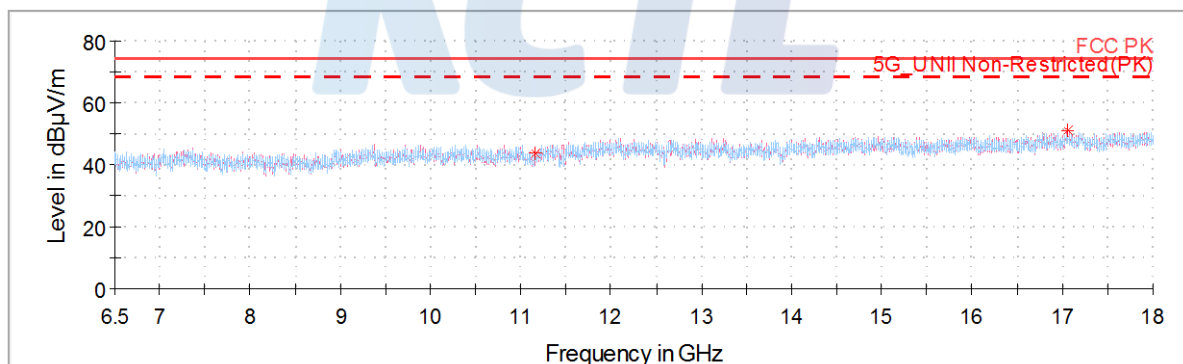
- 6.5 GHz ~ 18 GHz data_U-NII-2C

- 802.11a

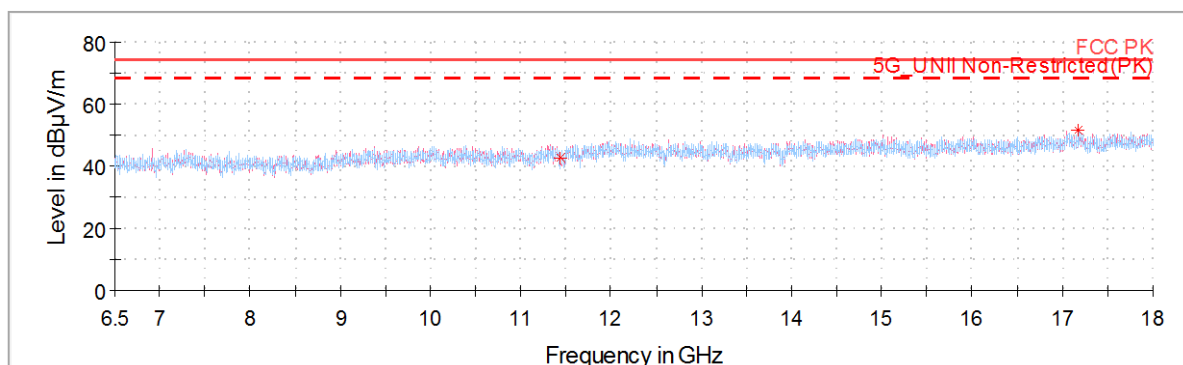
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



KCTL Inc.

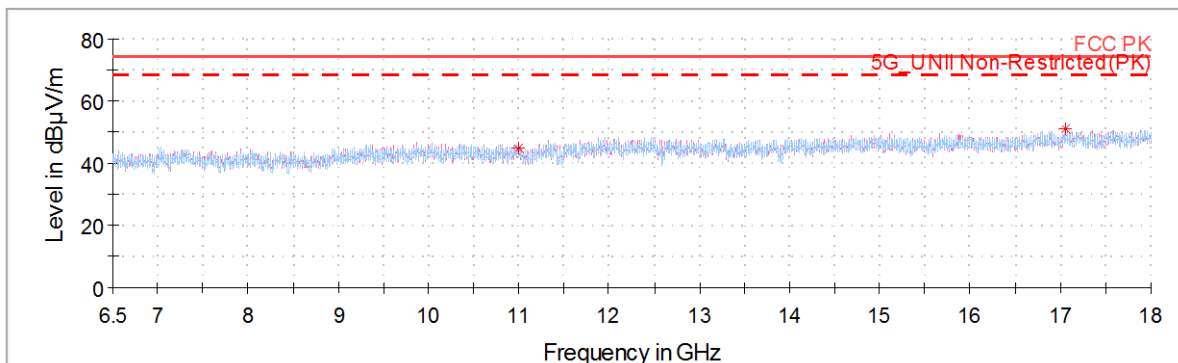
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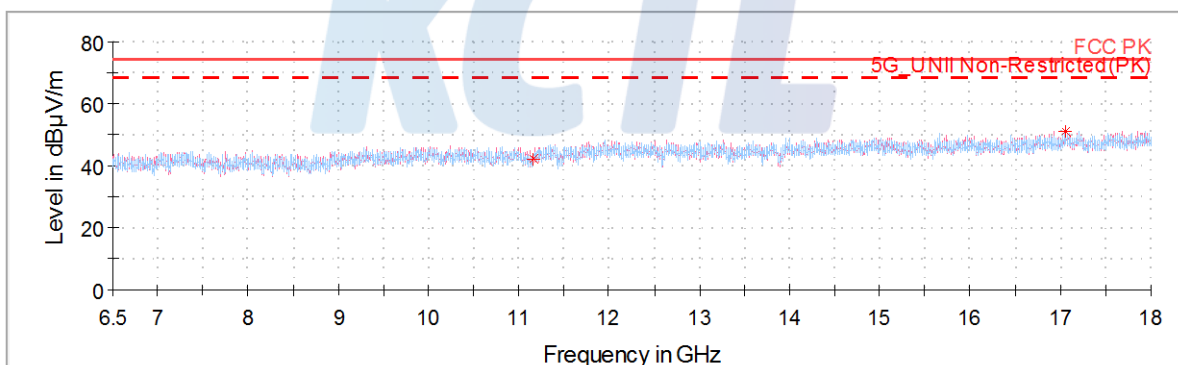
KCTL

- 802.11n HT20

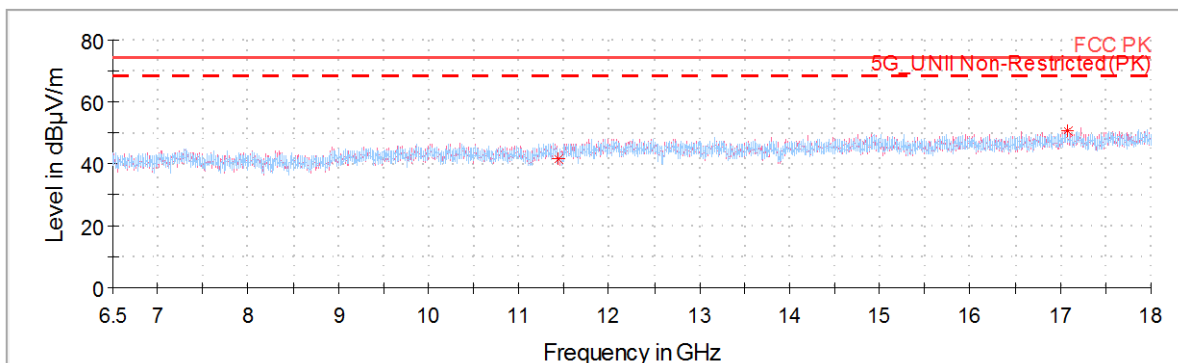
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)



Highest Channel (5 720 MHz)



KCTL Inc.

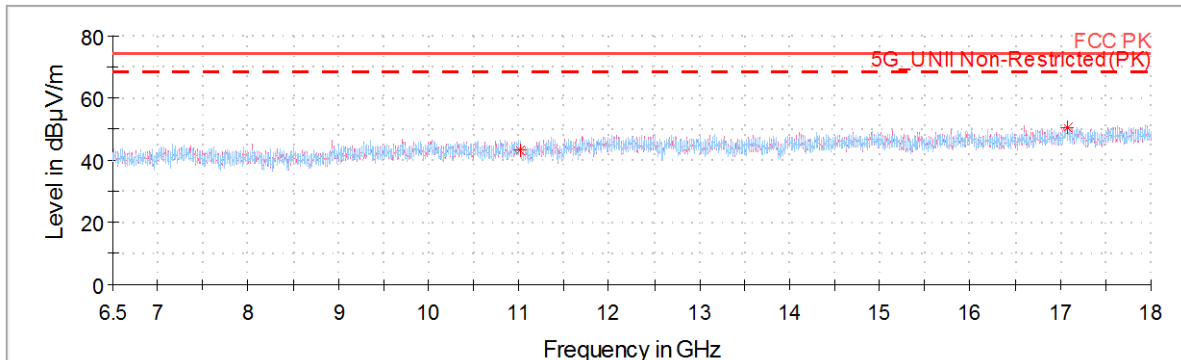
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
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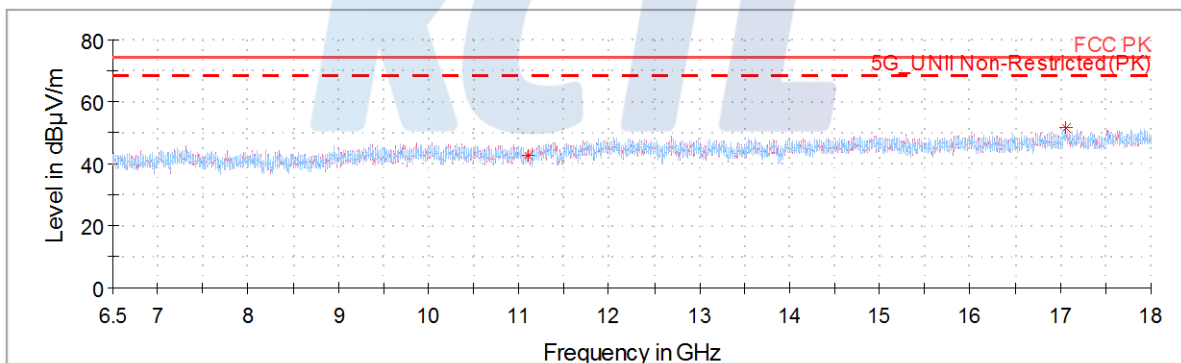
KCTL

- 802.11n HT40

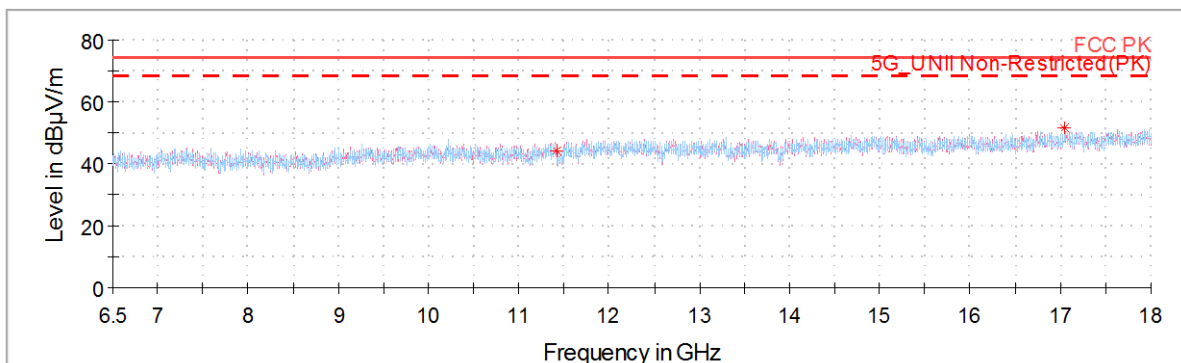
Lowest Channel (5 510 MHz)



Middle Channel (5 550 MHz)



Highest Channel (5 710 MHz)



KCTL Inc.

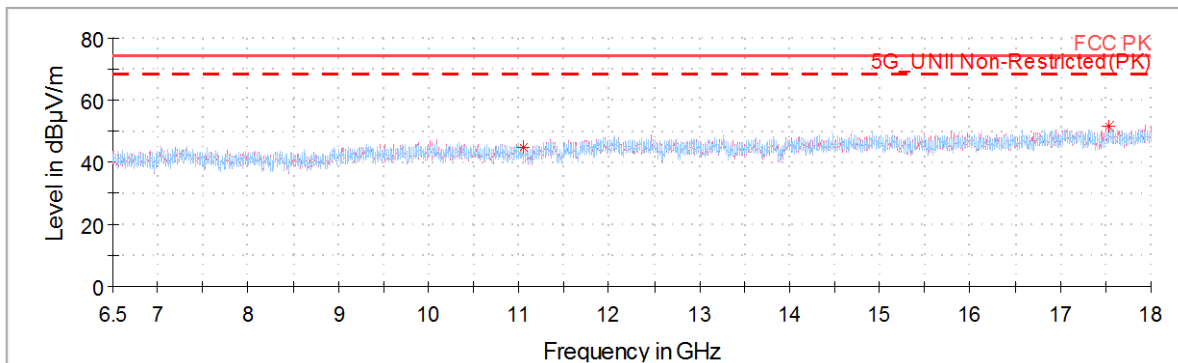
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
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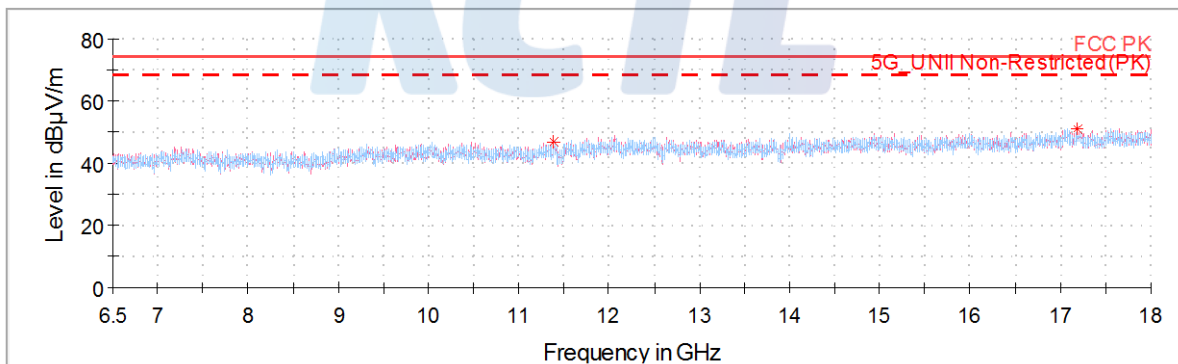
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- 802.11ac VHT80

Lowest Channel (5 530 MHz)



Highest Channel (5 690 MHz)



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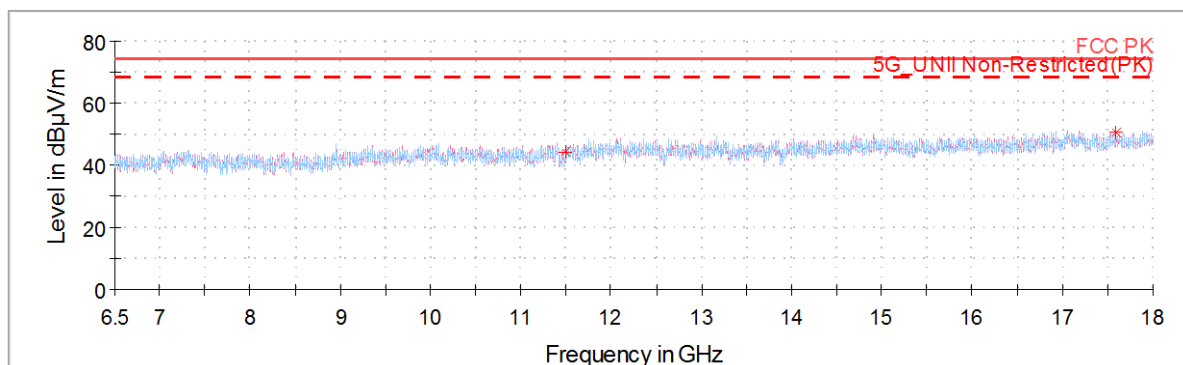
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KCTL

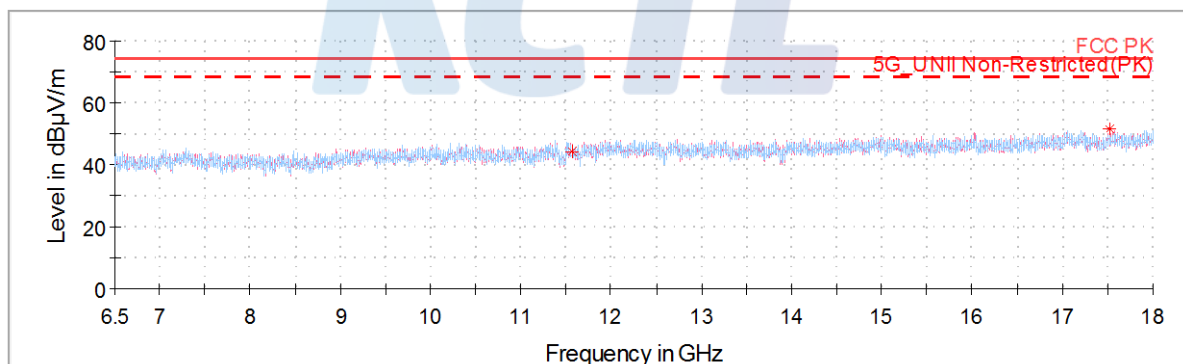
- 6.5 GHz ~ 18 GHz data_U-NII-3

- 802.11a

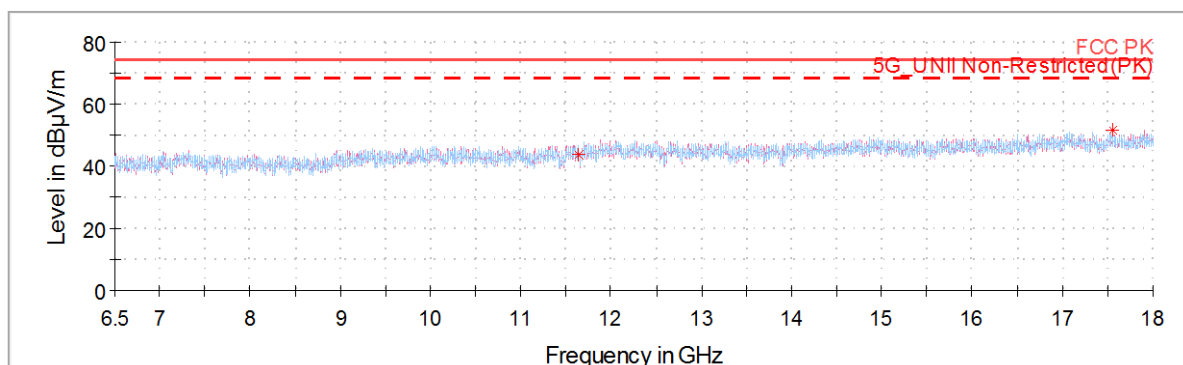
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



KCTL Inc.

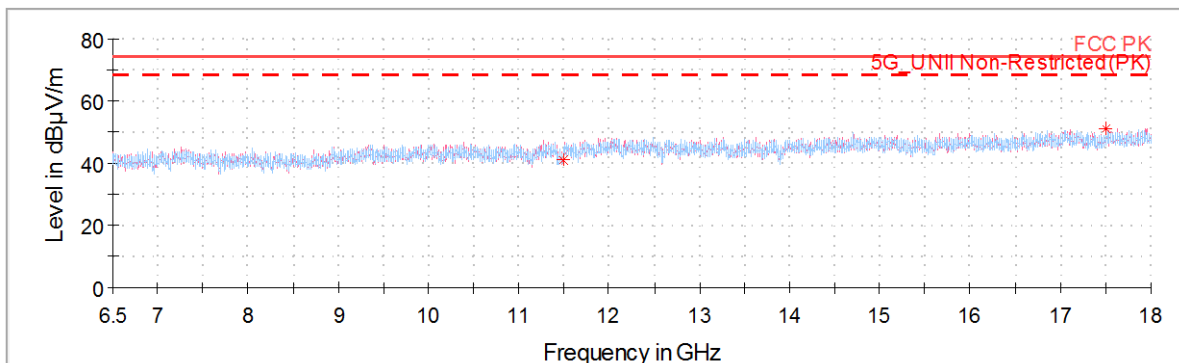
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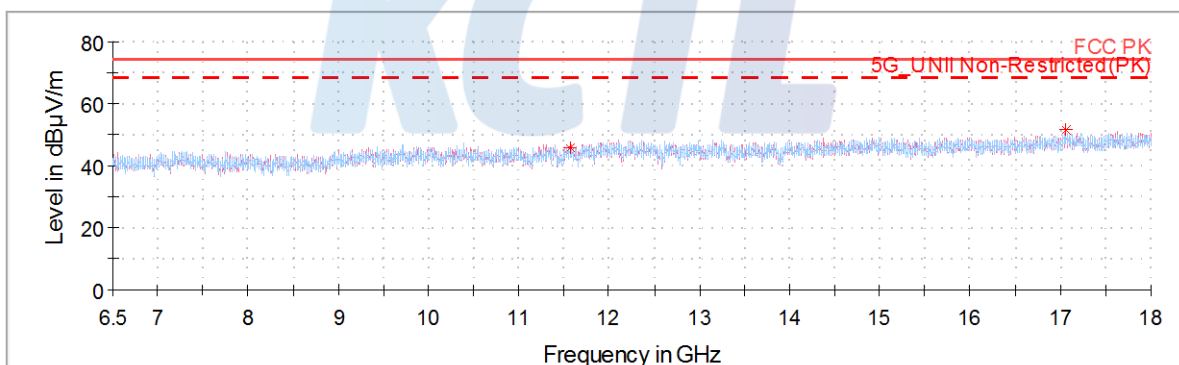
KCTL

- 802.11n HT20

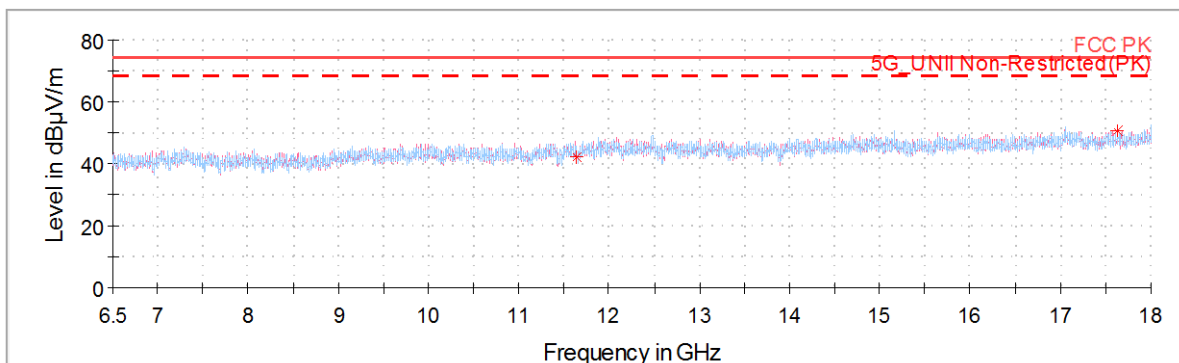
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



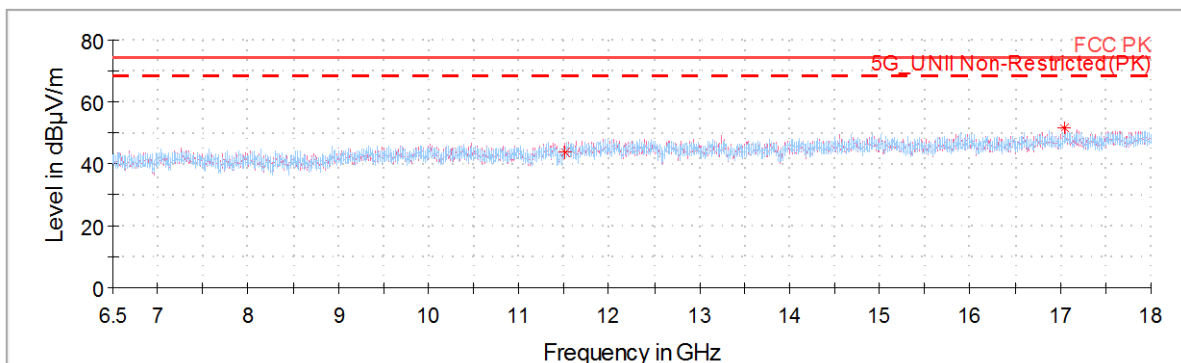
KCTL Inc.

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Suwon-si, Gyeonggi-do, 16677, Korea
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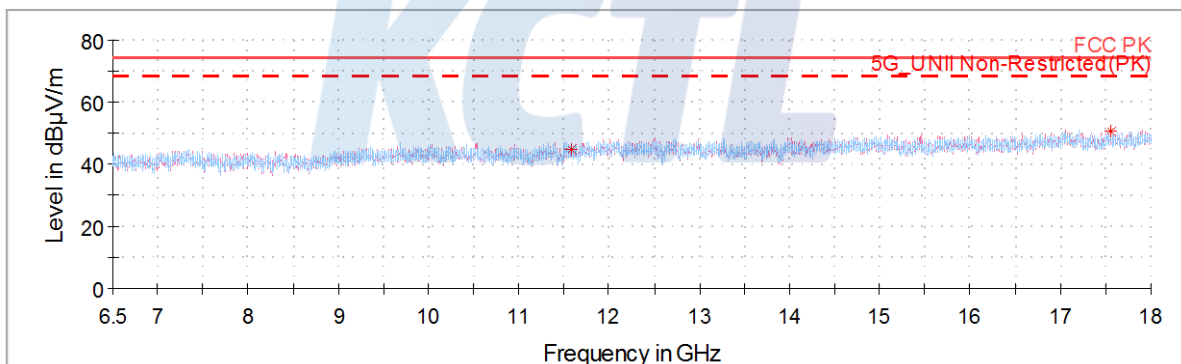
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KCTL**- 802.11n HT40**

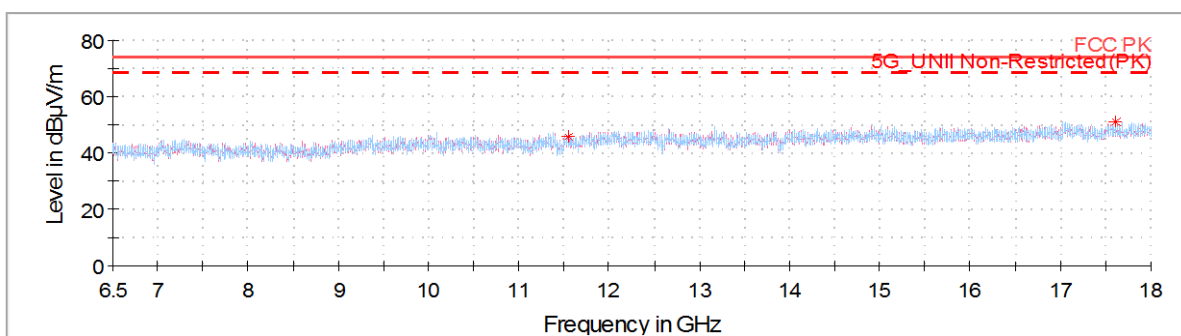
Lowest Channel (5 755 MHz)



Highest Channel (5 795 MHz)

**- 802.11ac VHT80**

Middle Channel (5 775 MHz)



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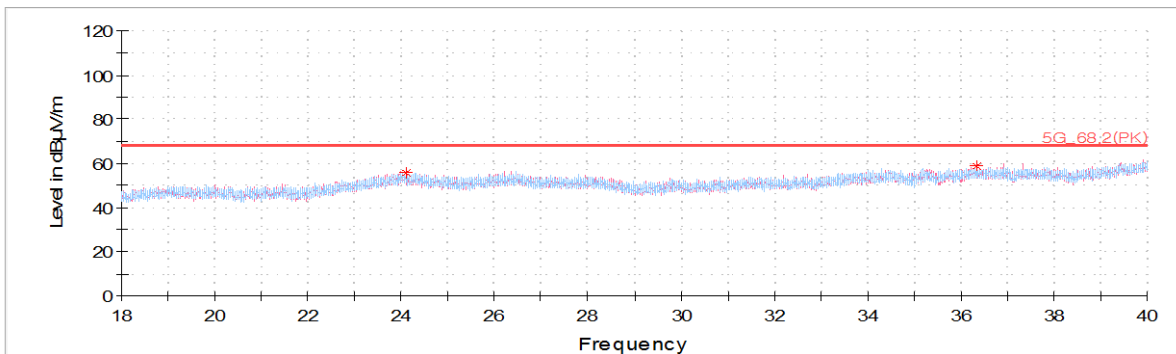
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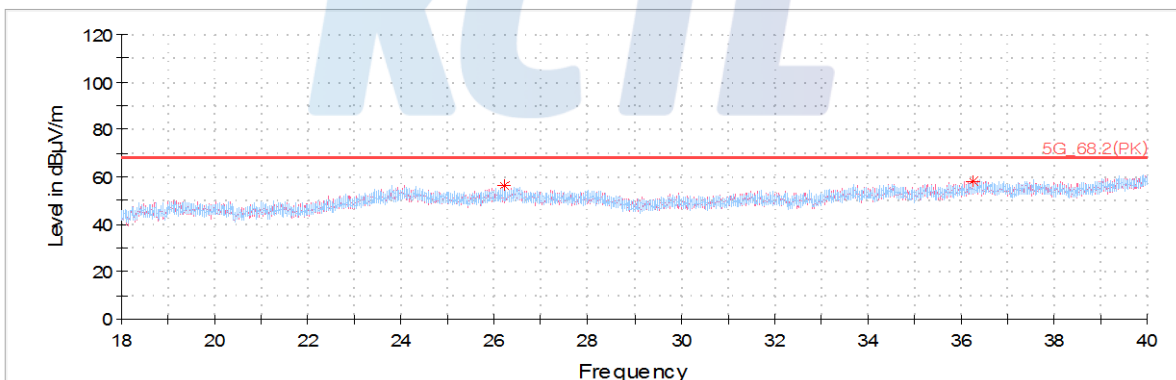
- 18 GHz ~ 40 GHz data U-NII-1

- 802.11a

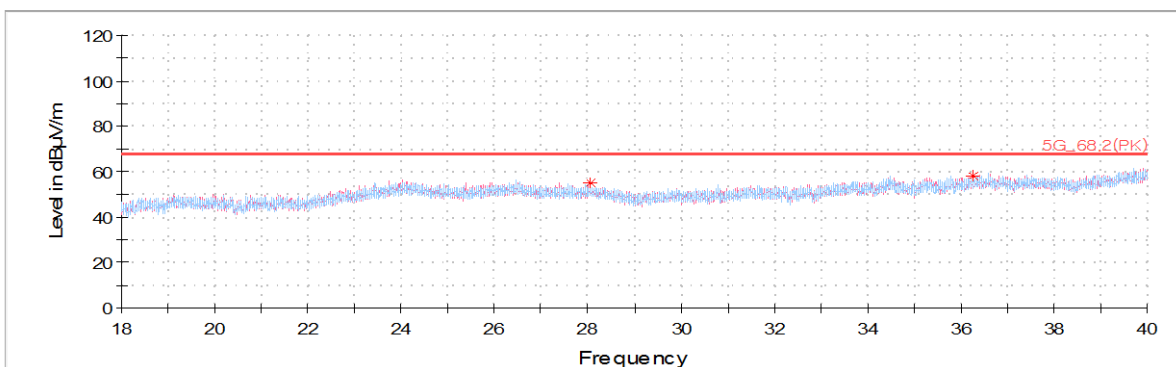
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)

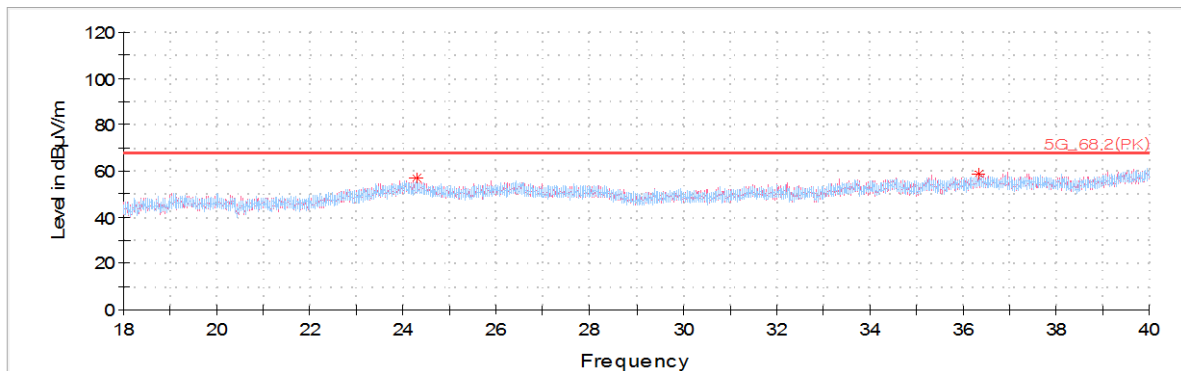


Highest Channel (5 240 MHz)

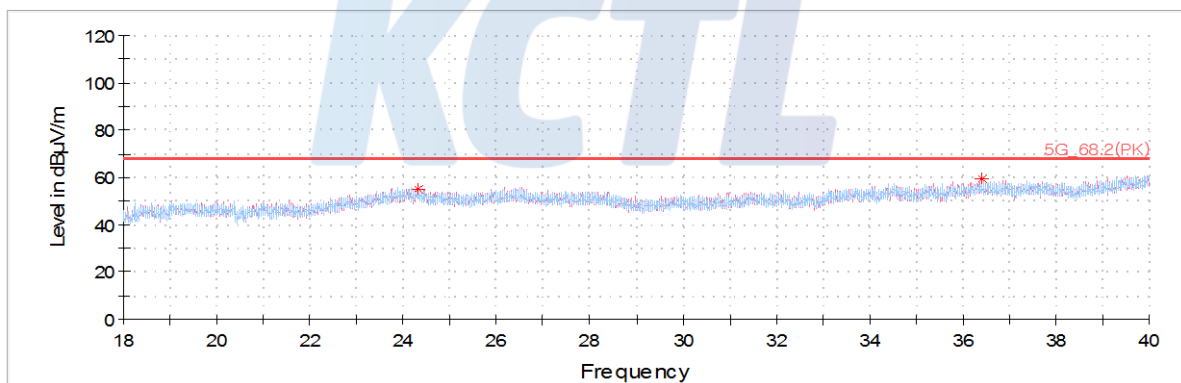


- 802.11n HT20

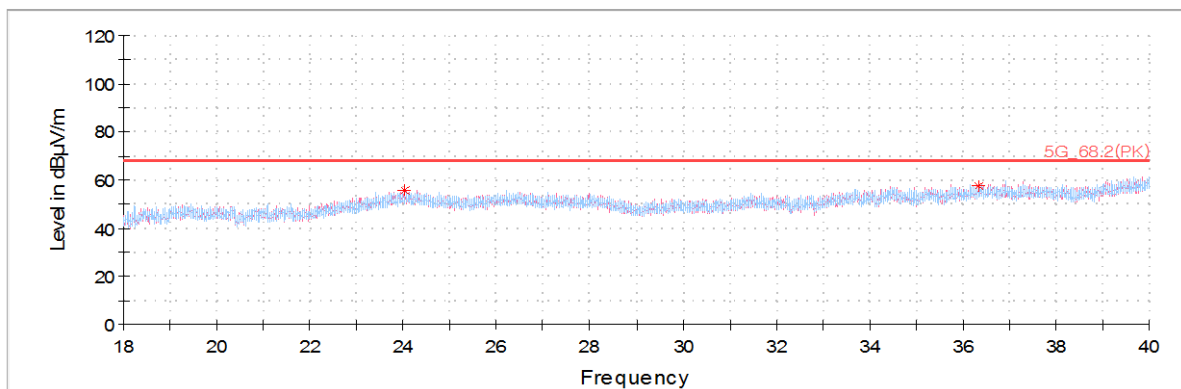
Lowest Channel (5 180 MHz)



Middle Channel (5 200 MHz)

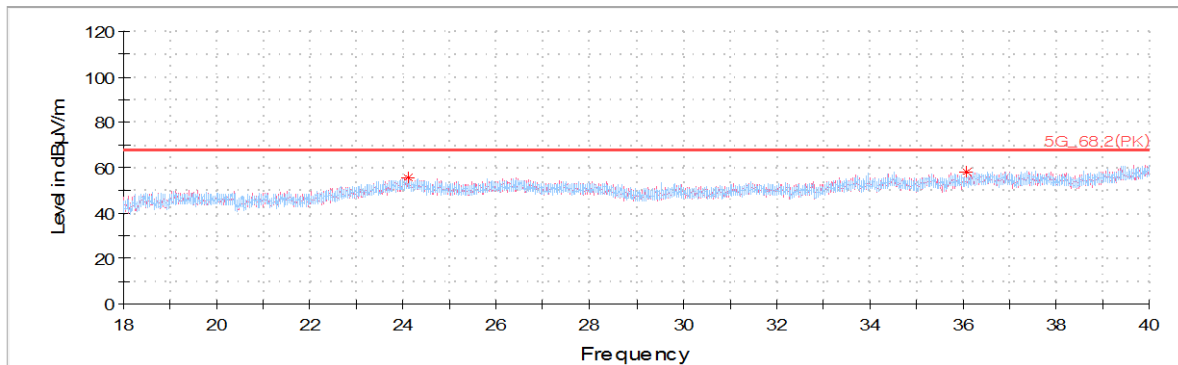


Highest Channel (5 240 MHz)

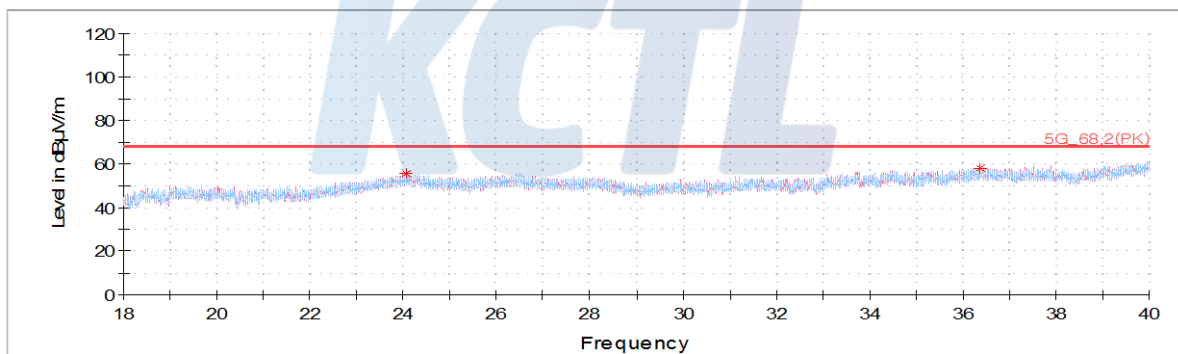


- 802.11n HT40

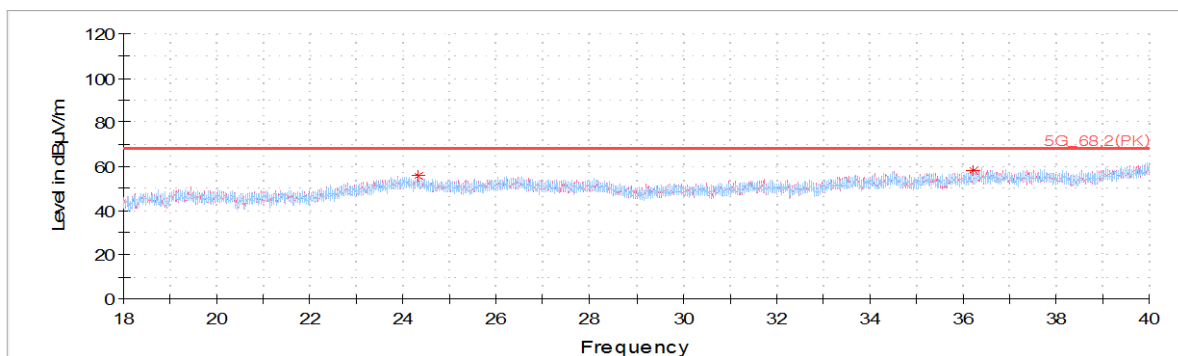
Lowest Channel (5 190 MHz)



Highest Channel (5 230 MHz)

**- 802.11ac VHT80**

Middle Channel (5 210 MHz)



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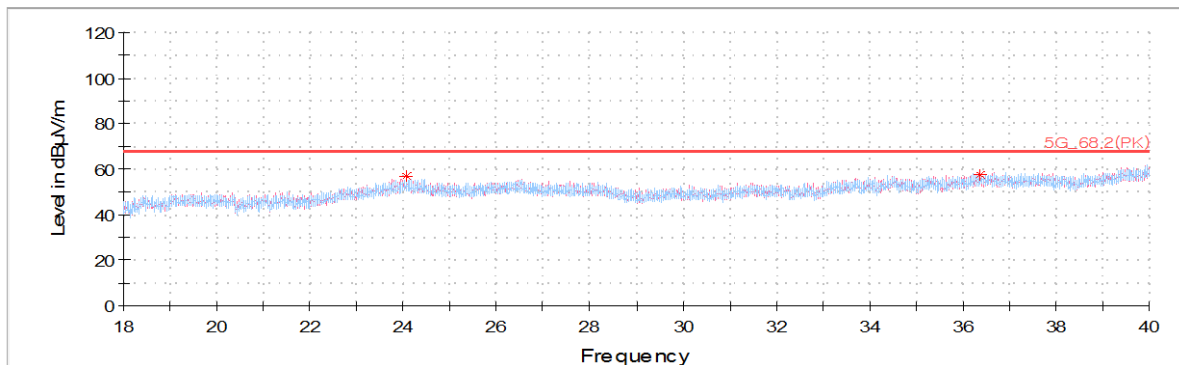
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KCTL

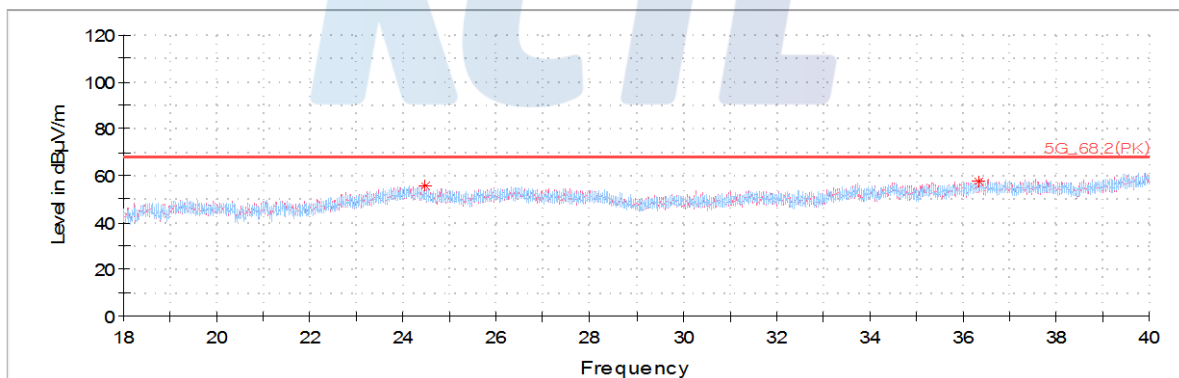
- 18 GHz ~ 40 GHz data U-NII-2A

- 802.11a

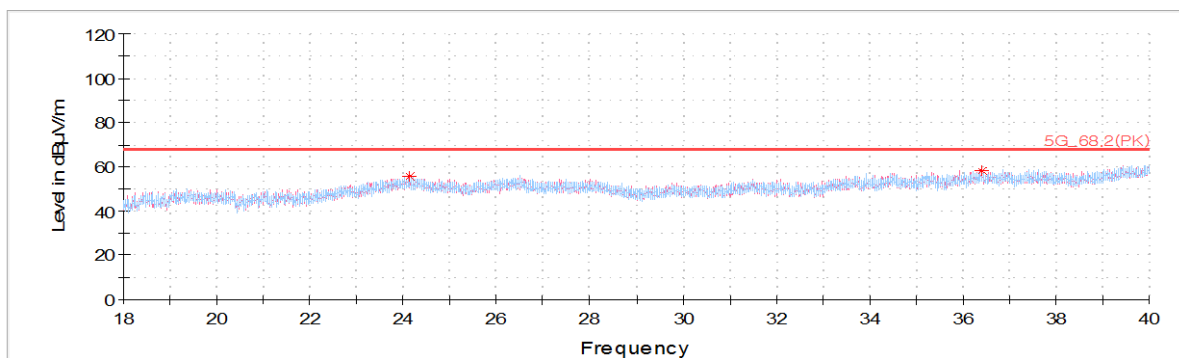
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)

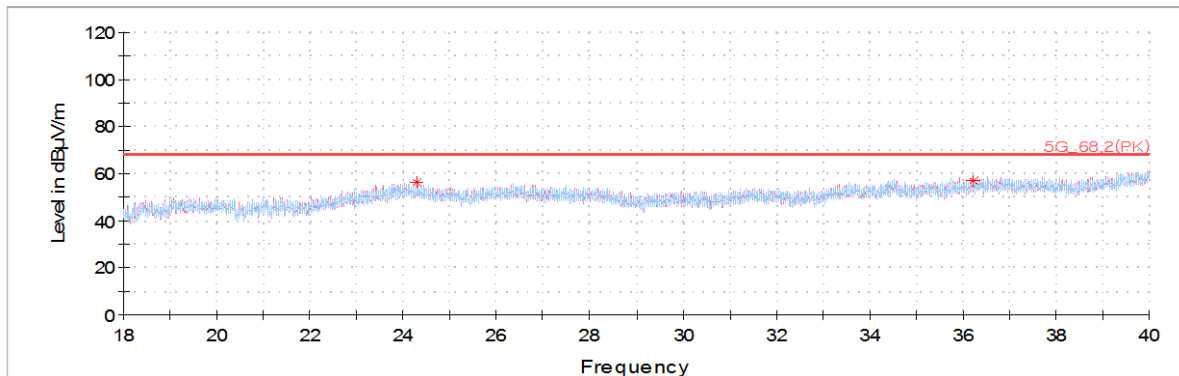


Highest Channel (5 320 MHz)

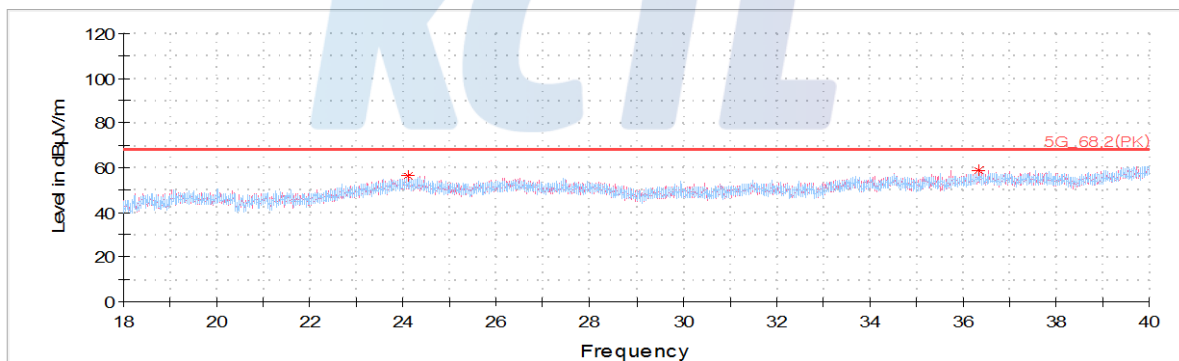


- 802.11n HT20

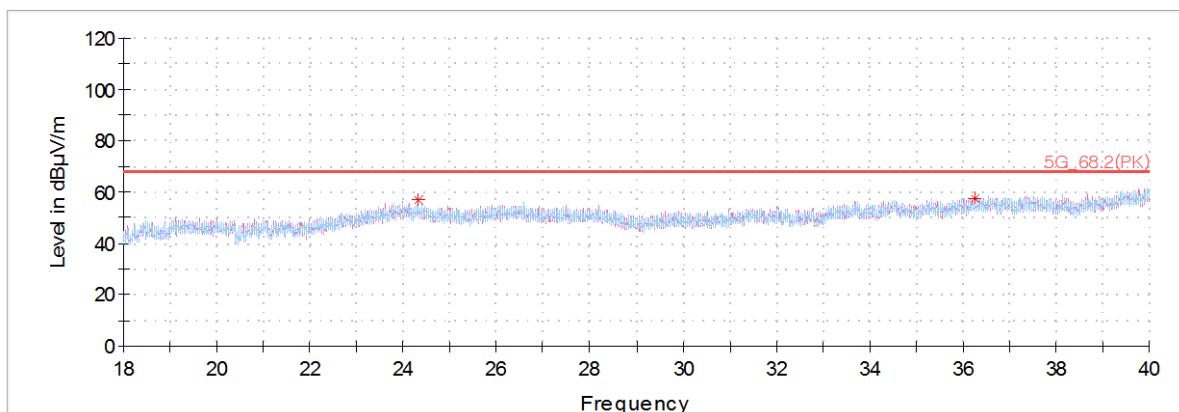
Lowest Channel (5 260 MHz)



Middle Channel (5 280 MHz)



Highest Channel (5 320 MHz)



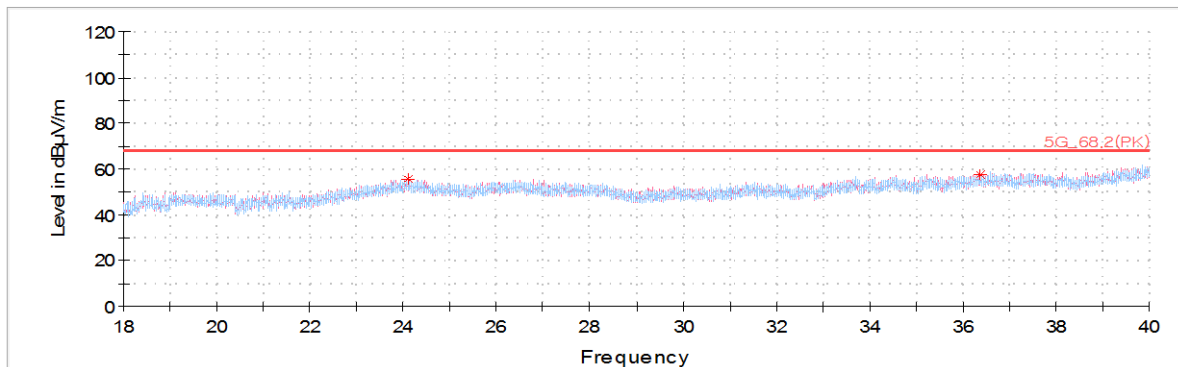
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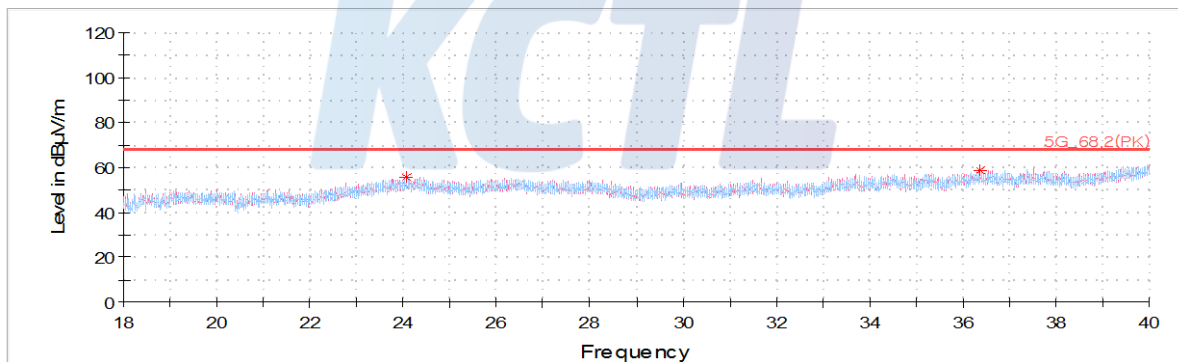
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KCTL**- 802.11n HT40**

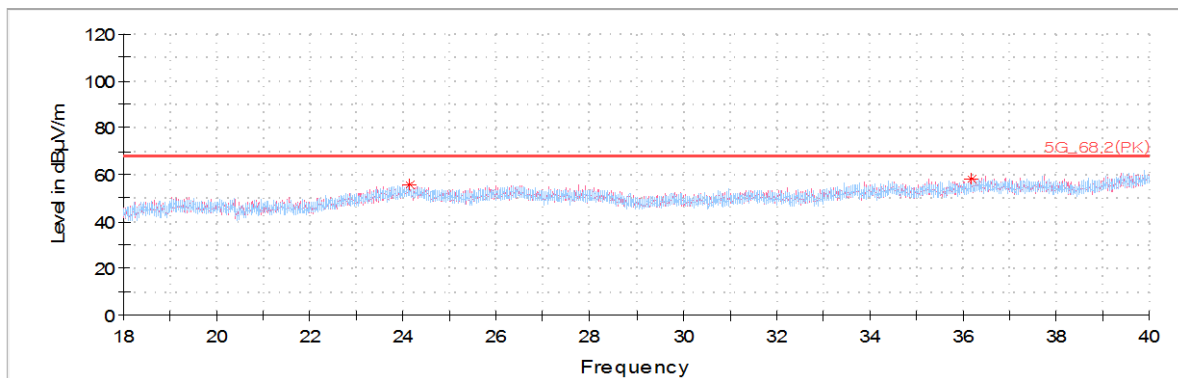
Lowest Channel (5 270 MHz)



Highest Channel (5 310 MHz)

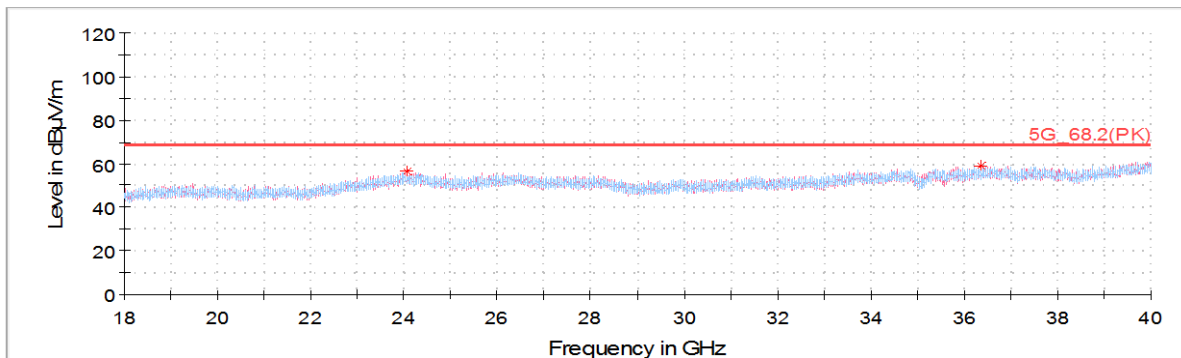
**- 802.11ac VHT80**

Middle Channel (5 290 MHz)

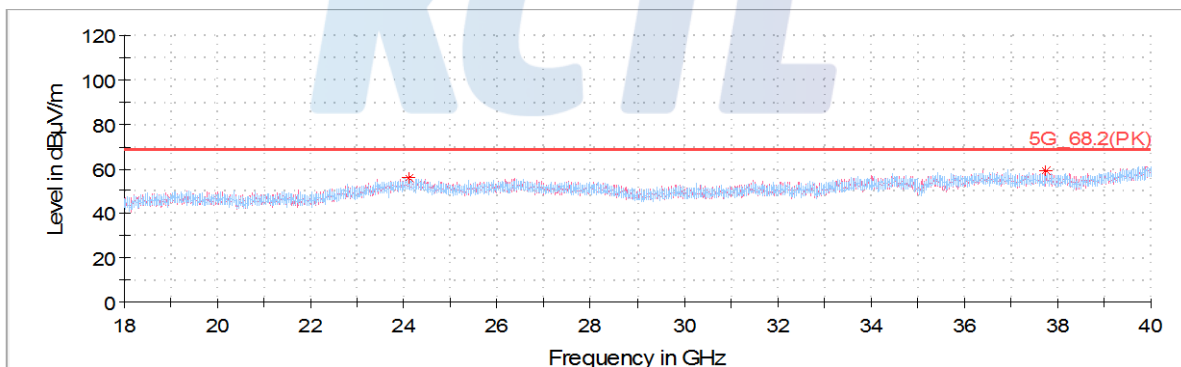


- 18 GHz ~ 40 GHz U-NII-2C**- 802.11a**

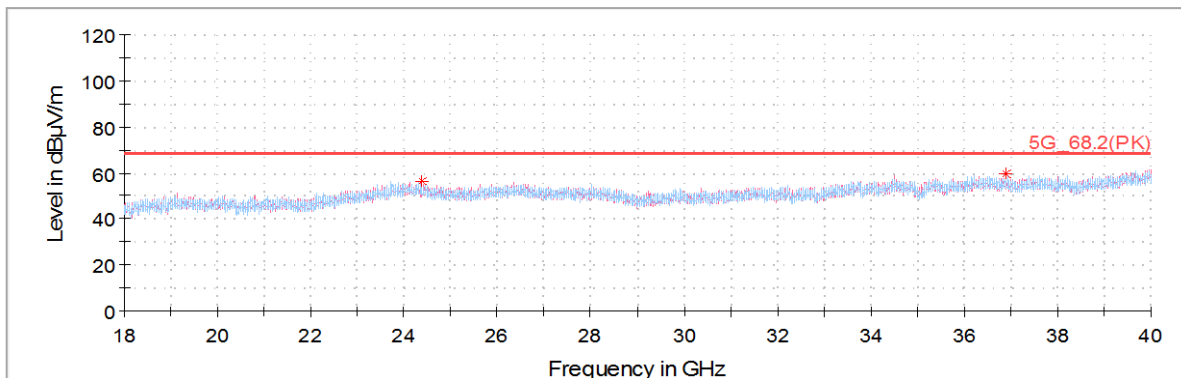
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)

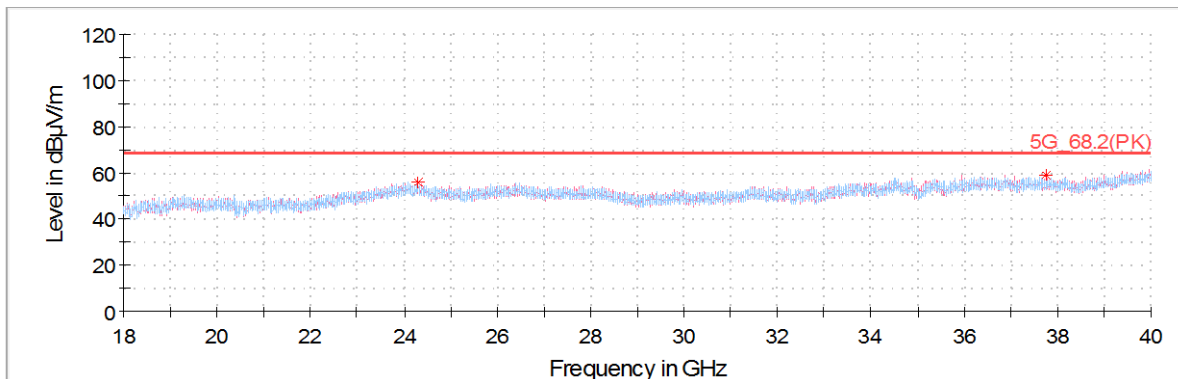


Highest Channel (5 720 MHz)

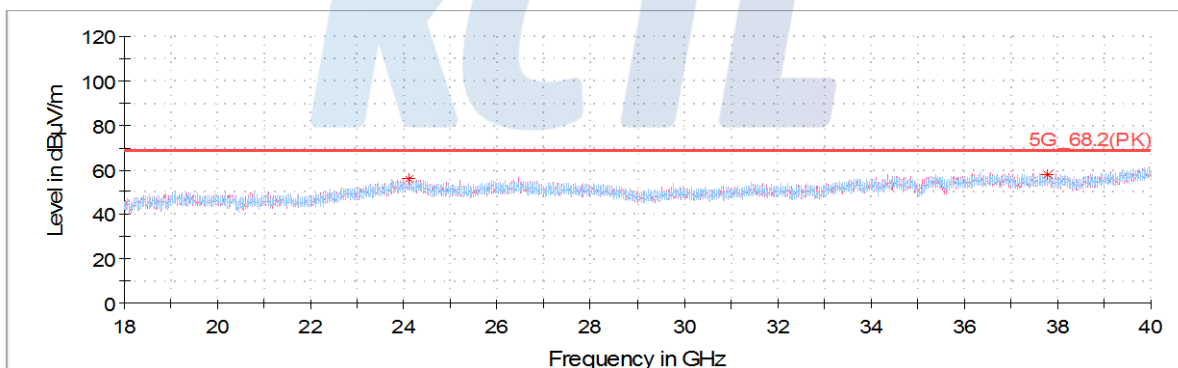


- 802.11n HT20

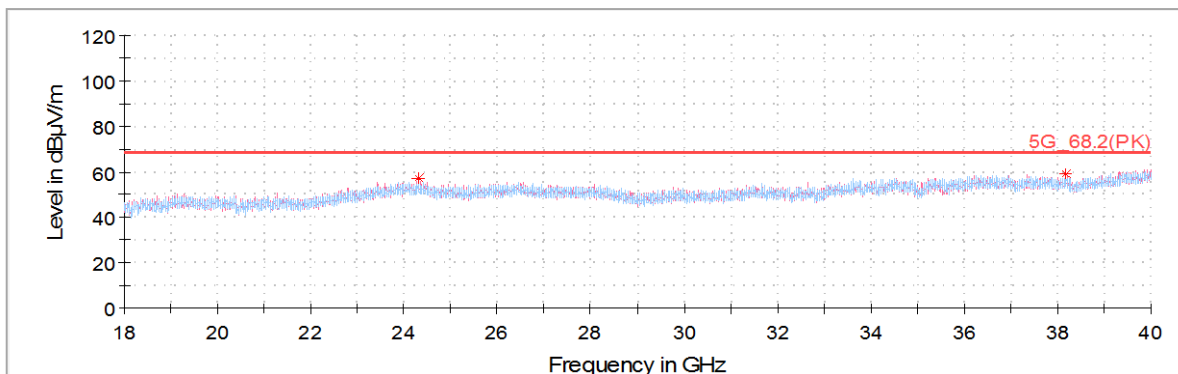
Lowest Channel (5 500 MHz)



Middle Channel (5 580 MHz)

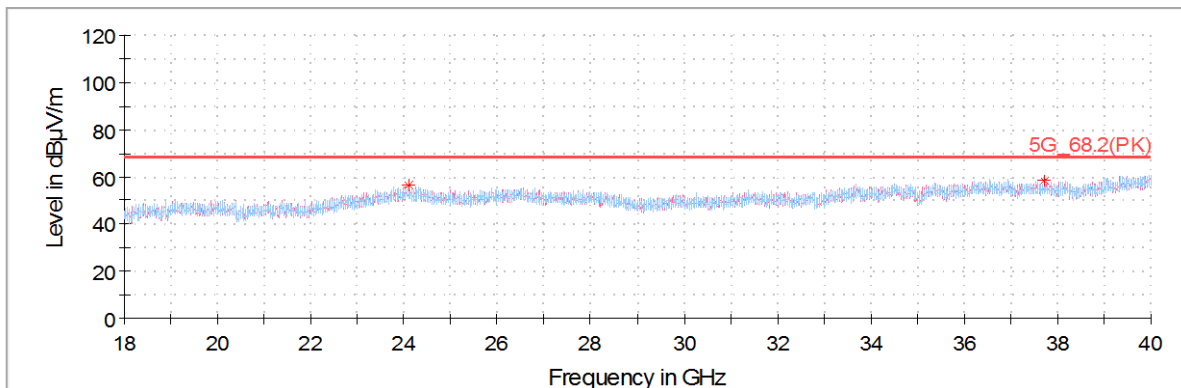


Highest Channel (5 720 MHz)

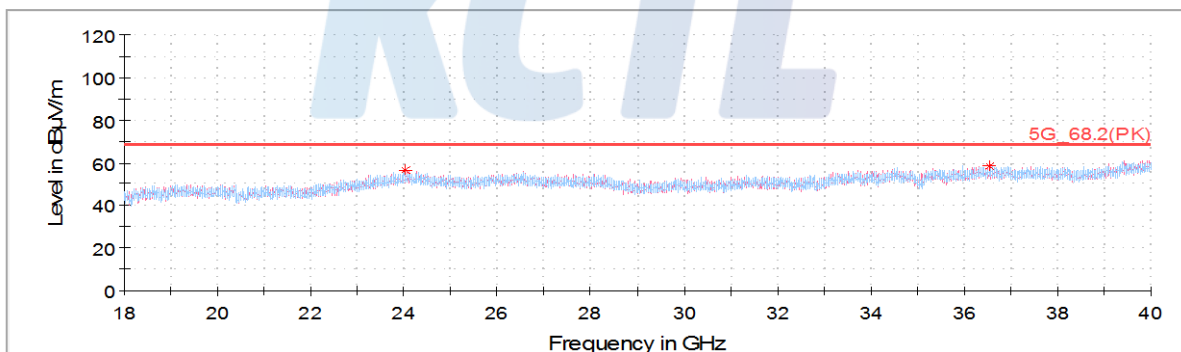


- 802.11n HT40

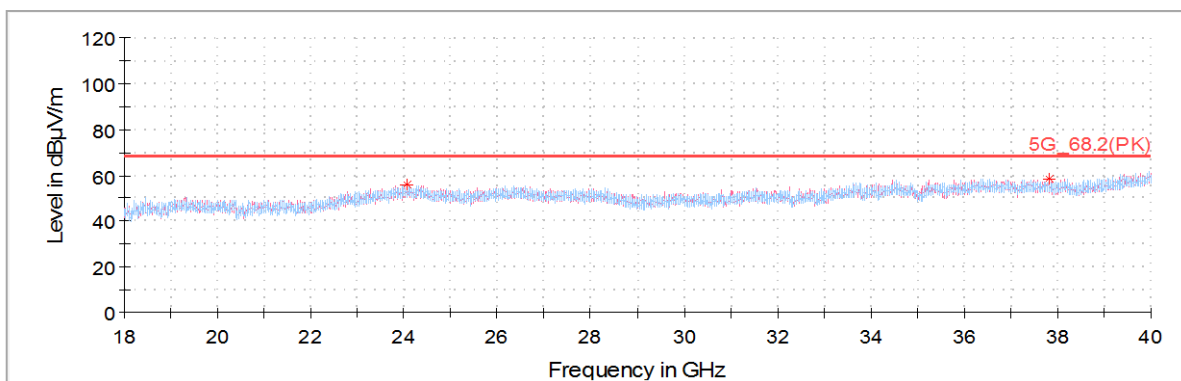
Lowest Channel (5 510 MHz)



Middle Channel (5 550 MHz)

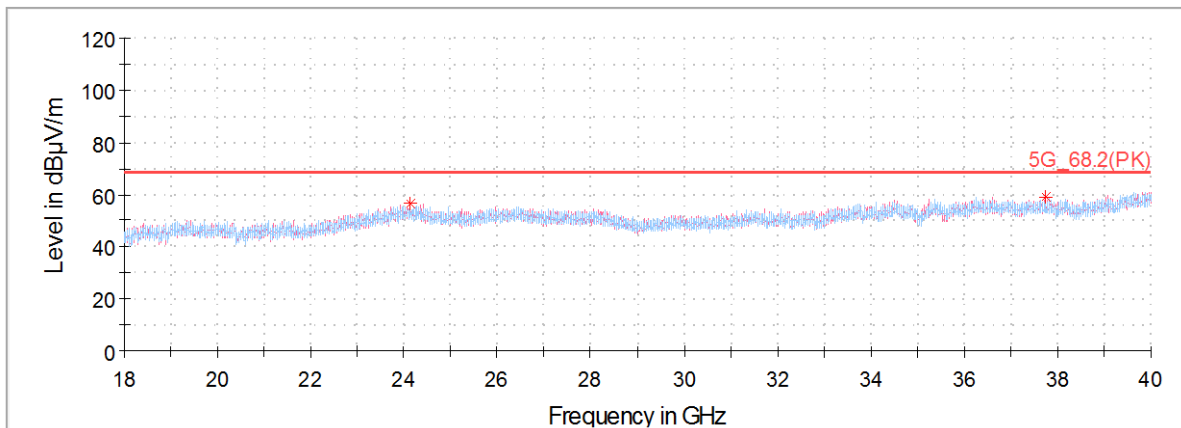


Highest Channel (5 710 MHz)

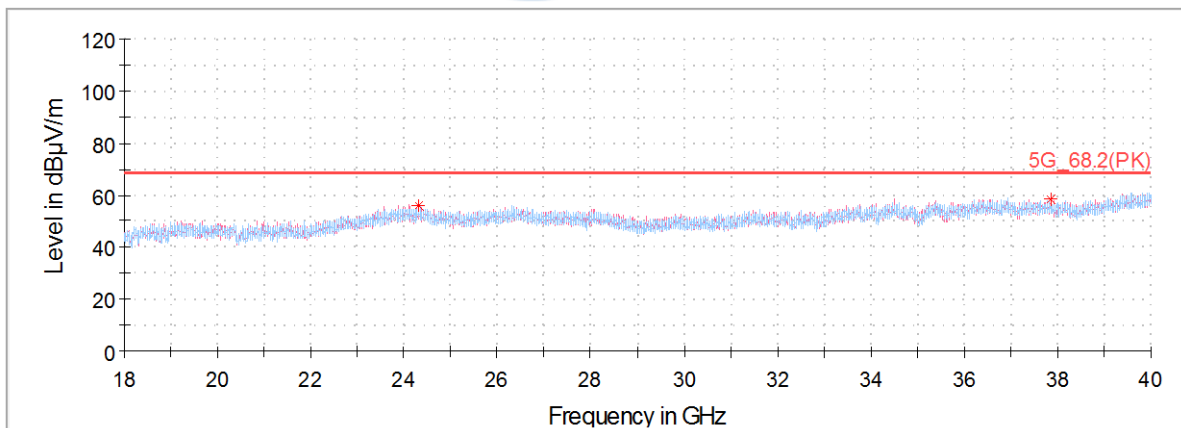


- 802.11ac VHT80

Lowest Channel (5 530 MHz)

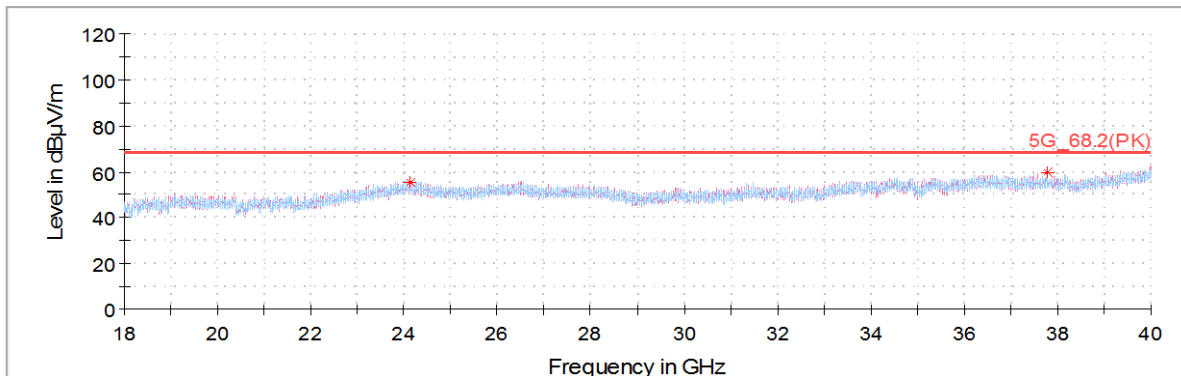


Highest Channel (5 690 MHz)

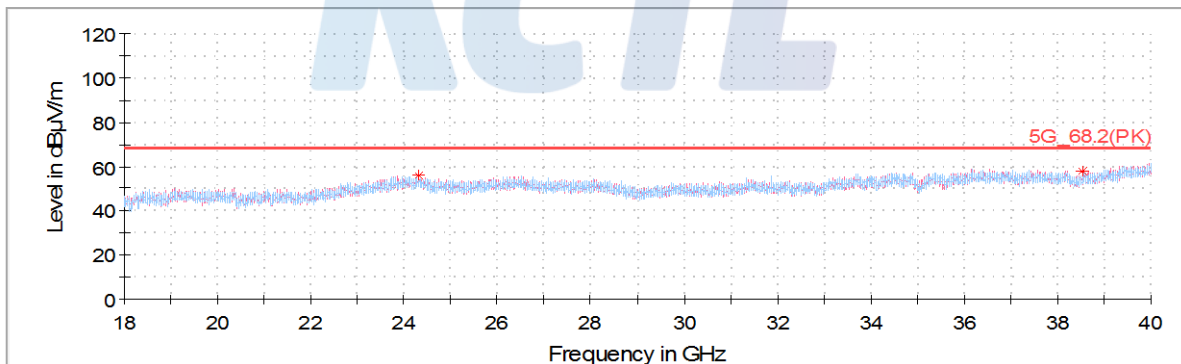


- 18 GHz ~ 40 GHz data U-NII-3**- 802.11a**

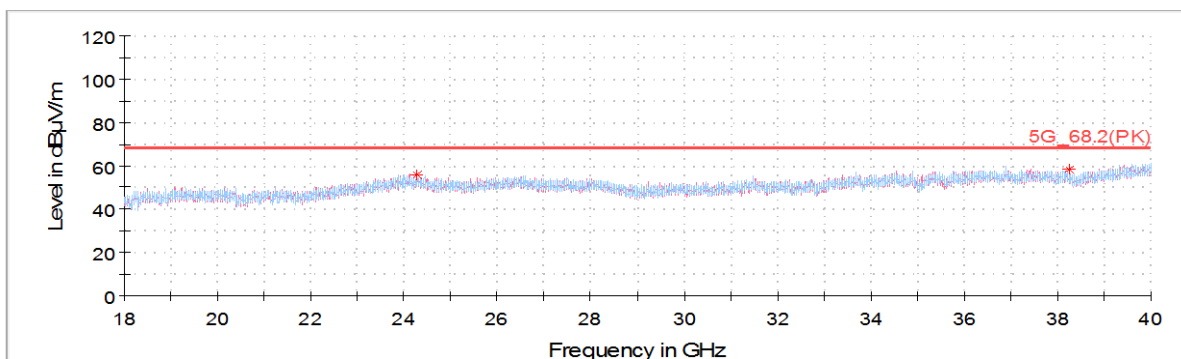
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



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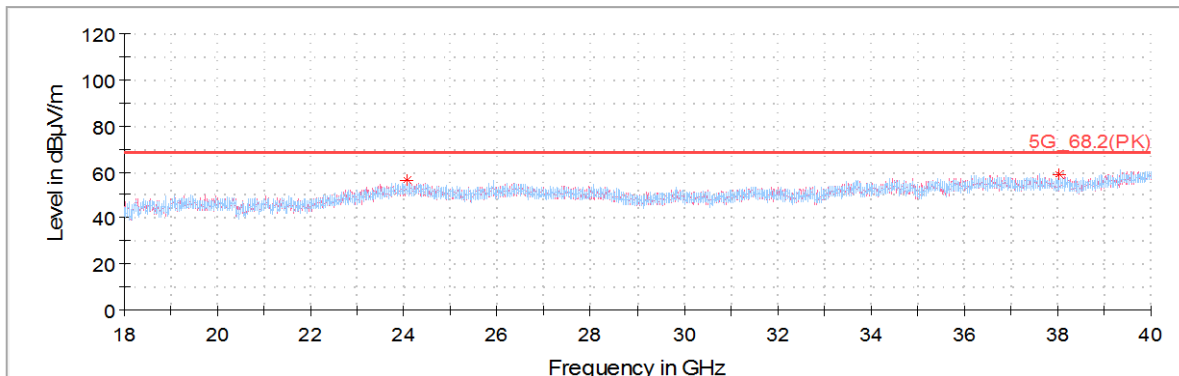
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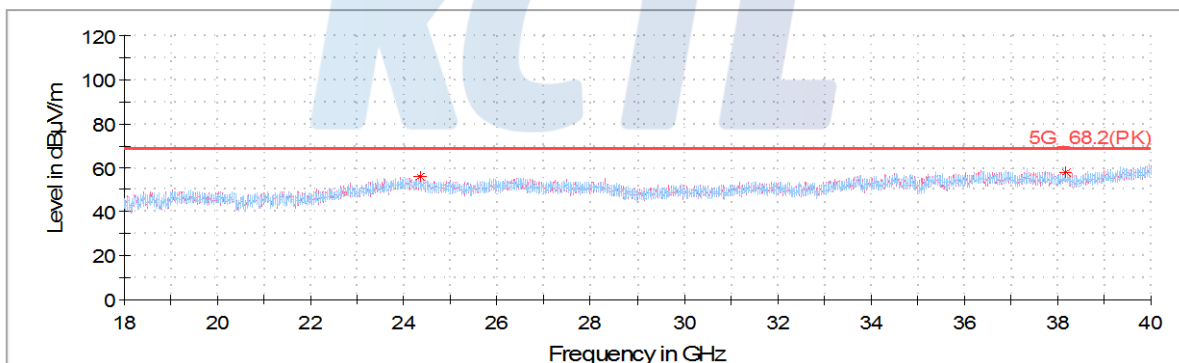
KCTL

- 802.11n HT20

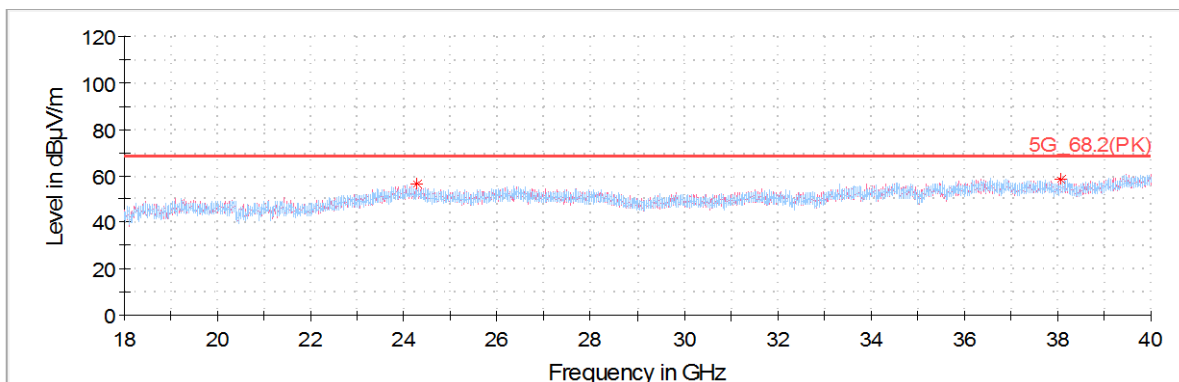
Lowest Channel (5 745 MHz)



Middle Channel (5 785 MHz)



Highest Channel (5 825 MHz)



KCTL Inc.

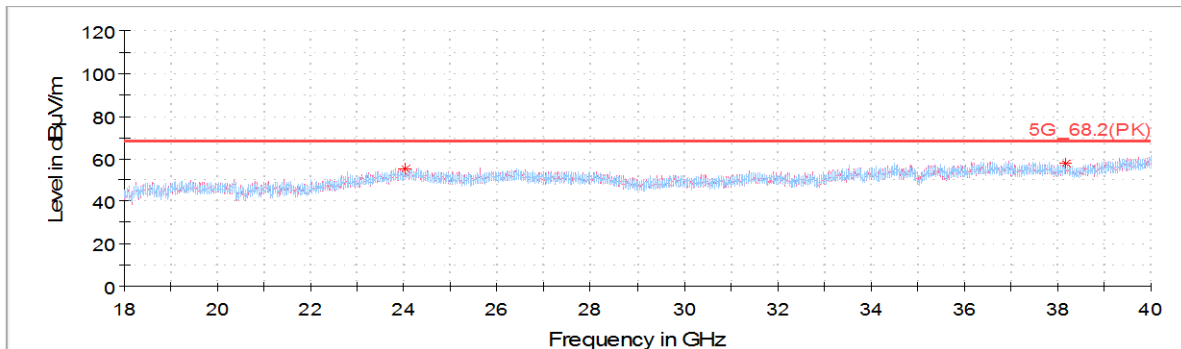
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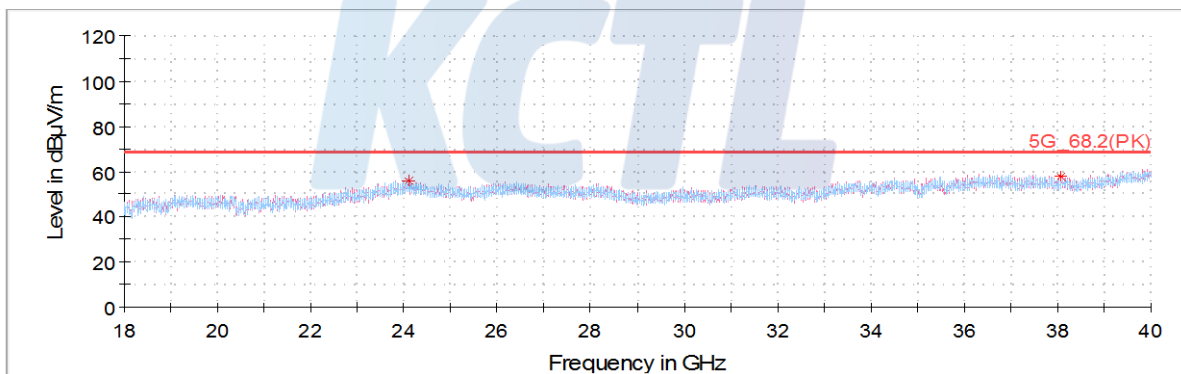
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- 802.11n HT40

Lowest Channel (5 755 MHz)

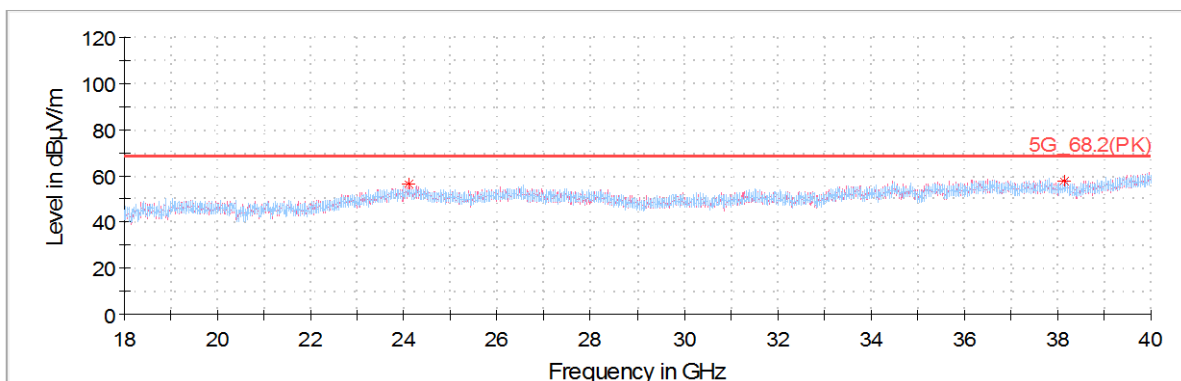


Highest Channel (5 795 MHz)



- 802.11ac VHT80

Middle Channel (5 775 MHz)



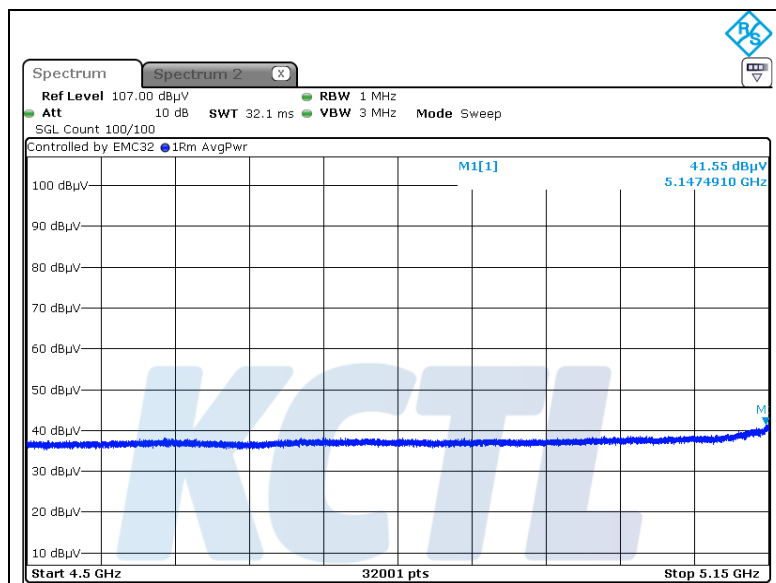
5.2.4.3 Test Plot (Dipole Antenna)

Figure 2. Plot of the average data emissions

- Restricted Bandedge data_U-NII-1(Lowest Channel)

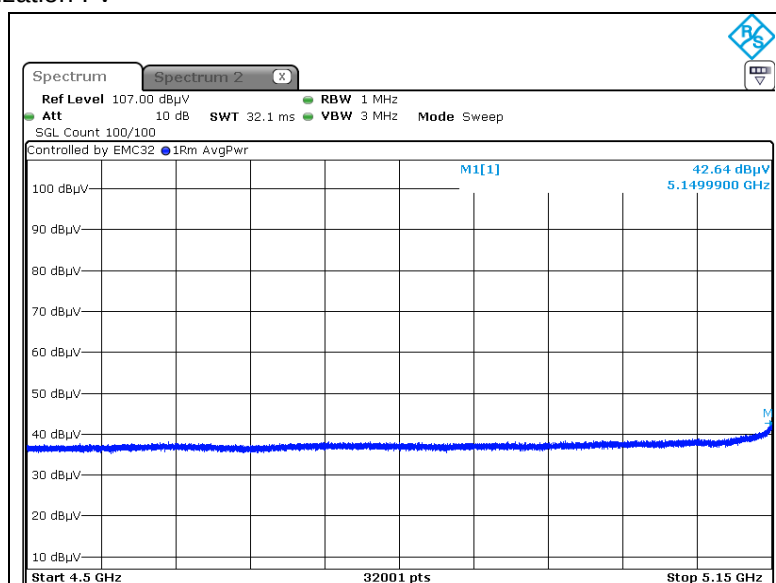
- 802.11a

Worst Antenna polarization : V



- 802.11n HT20

Worst Antenna polarization : V



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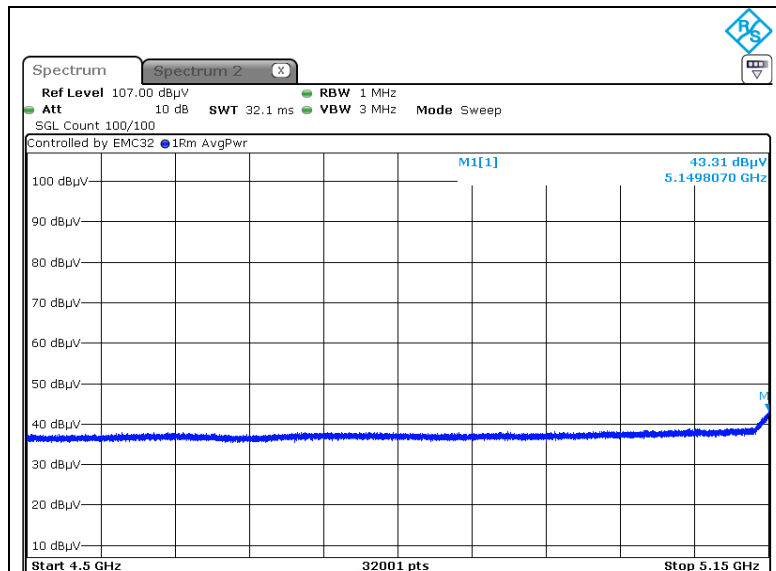
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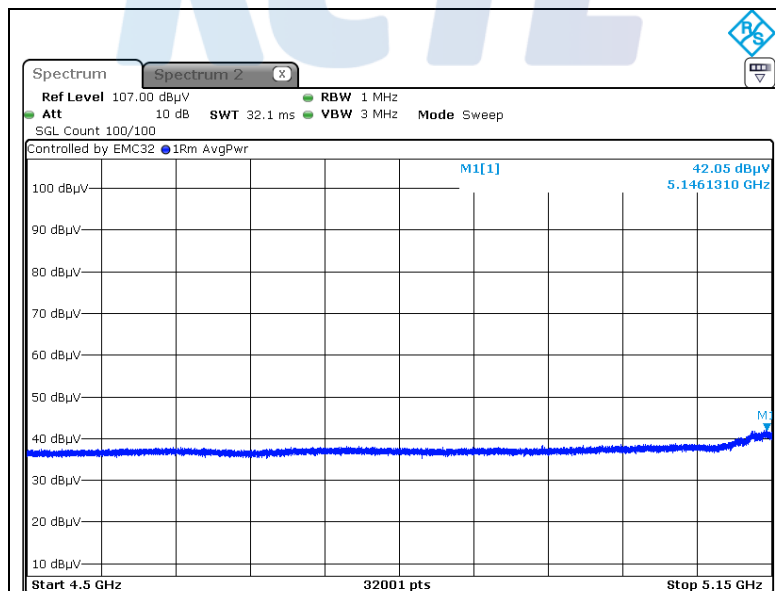
- 802.11n HT40

Worst Antenna polarization : V



- 802.11ac VHT80

Worst Antenna polarization : V



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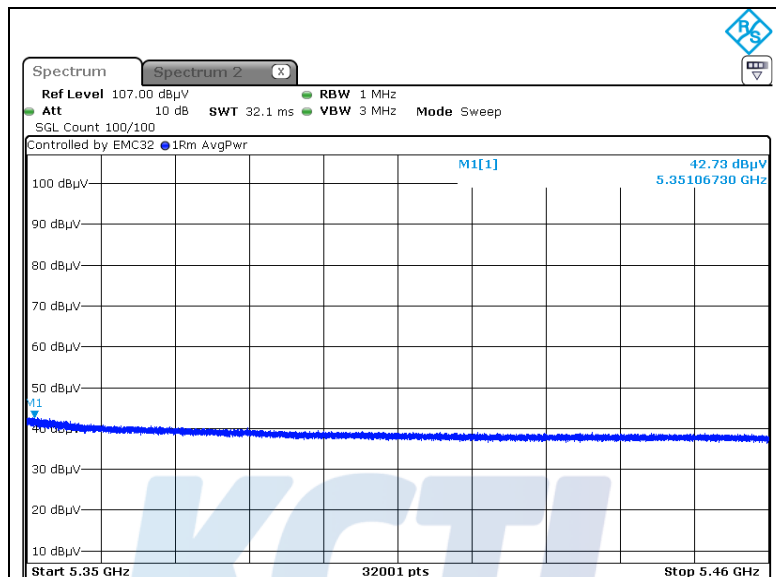
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- Restricted Bandedge data_U-NII-2A(Highest Channel)

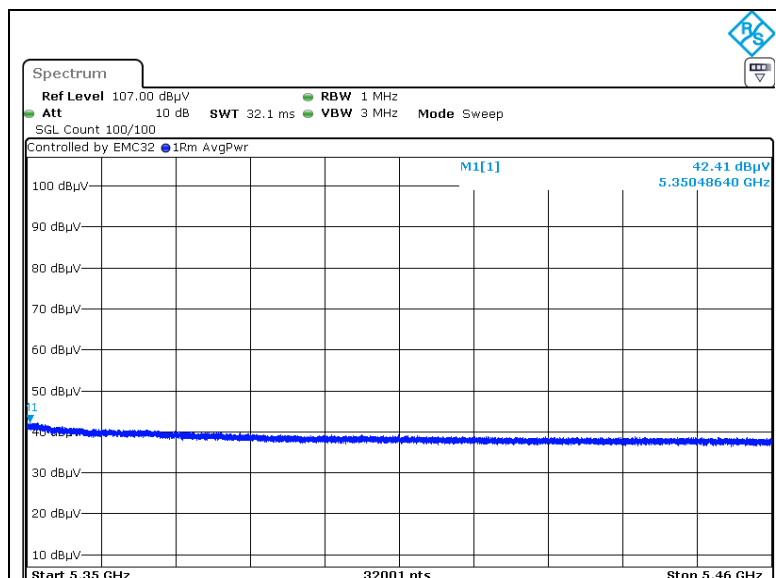
- 802.11a

Worst Antenna polarization : V



- 802.11n HT20

Worst Antenna polarization : V



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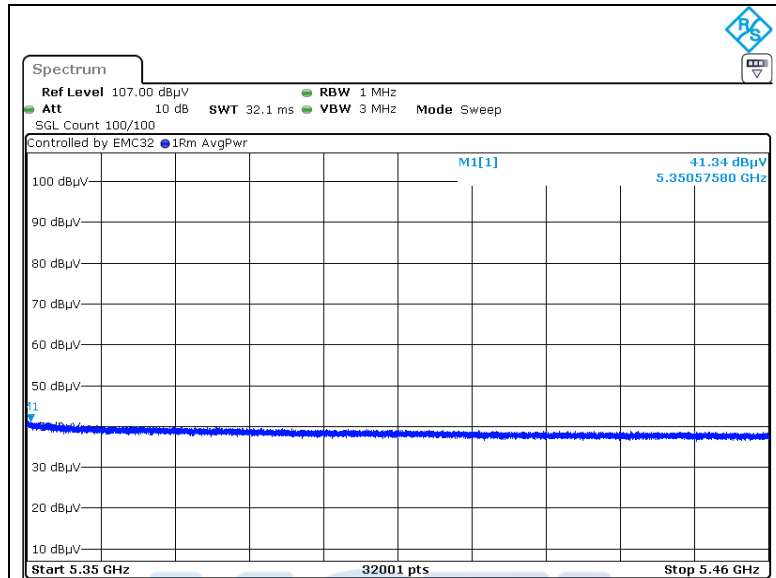
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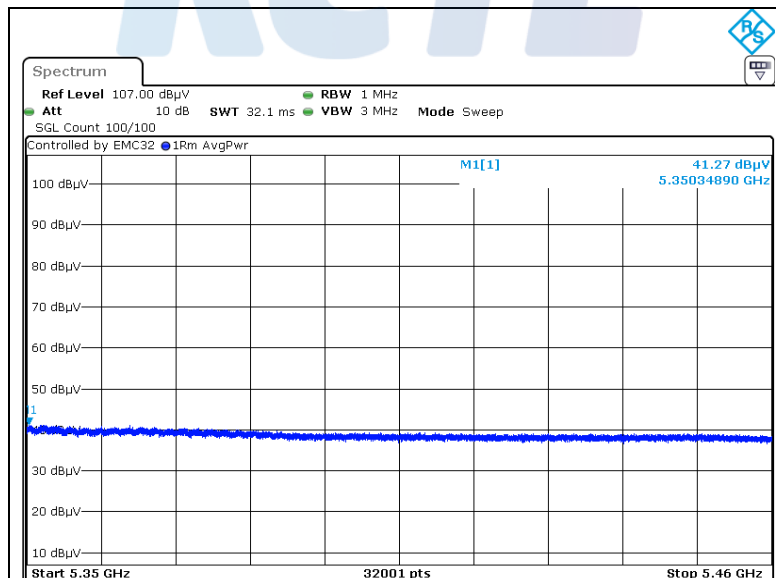
- 802.11n HT40

Worst Antenna polarization : V



- 802.11ac VHT80

Worst Antenna polarization : V



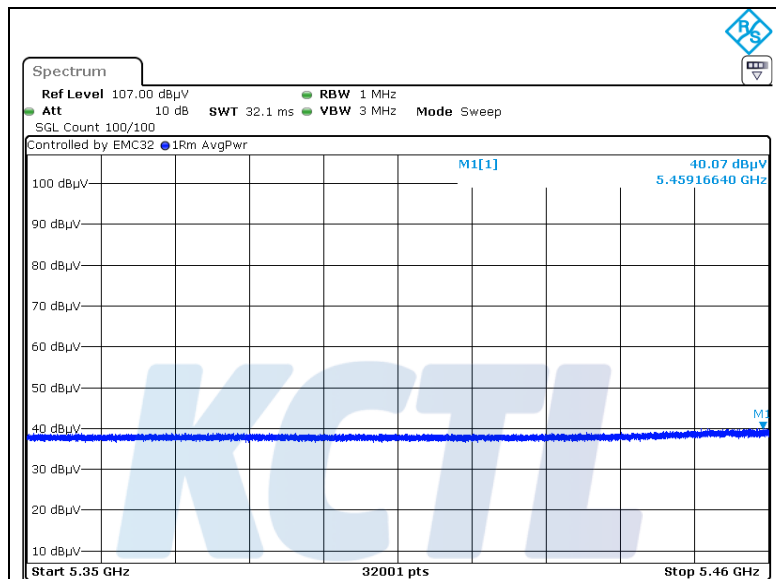
5.2.4.4 Test Plot (Dipole Antenna)

Figure 2. Plot of the average data emissions

- Restricted Bandedge data_U-NII-2C(Lowest Channel)

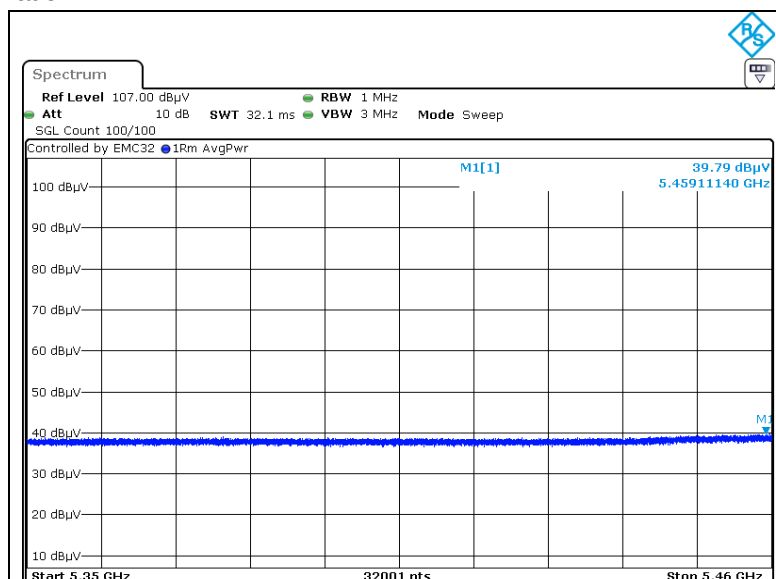
- 802.11a

Worst Antenna polarization : V



- 802.11n HT20

Worst Antenna polarization : V



KCTL Inc.

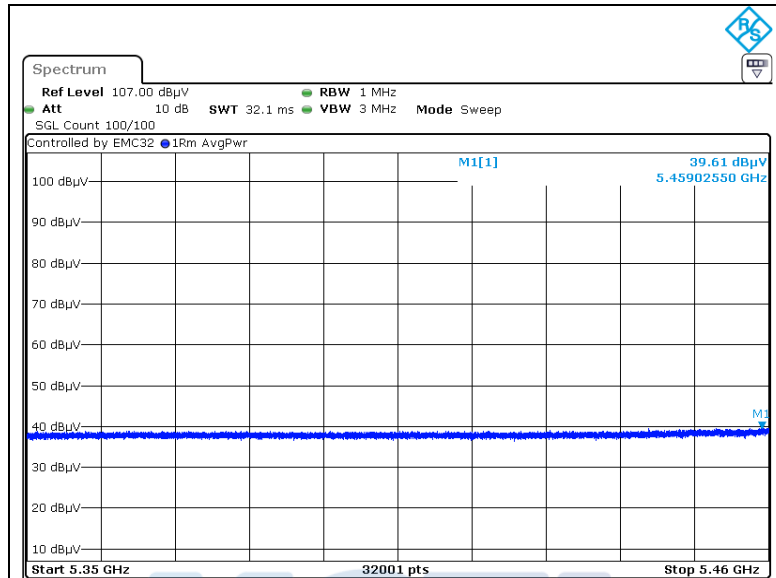
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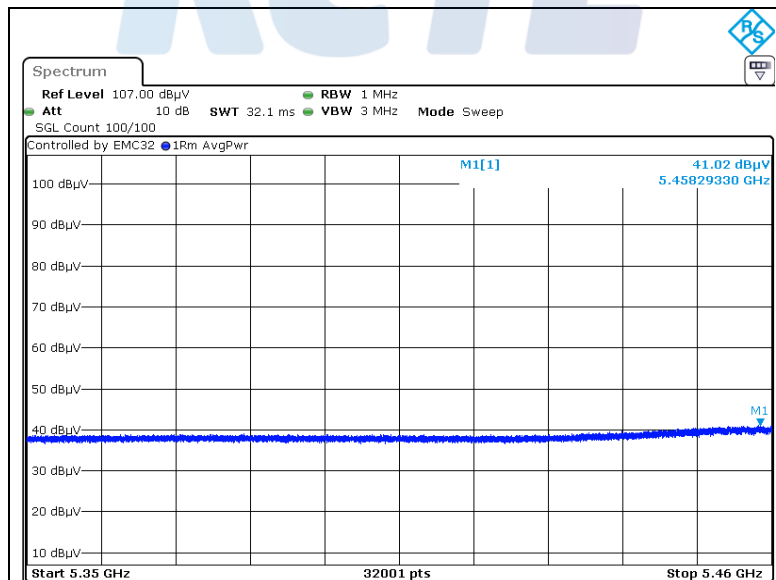
- 802.11n HT40

Worst Antenna polarization : V



- 802.11ac VHT80

Worst Antenna polarization : V



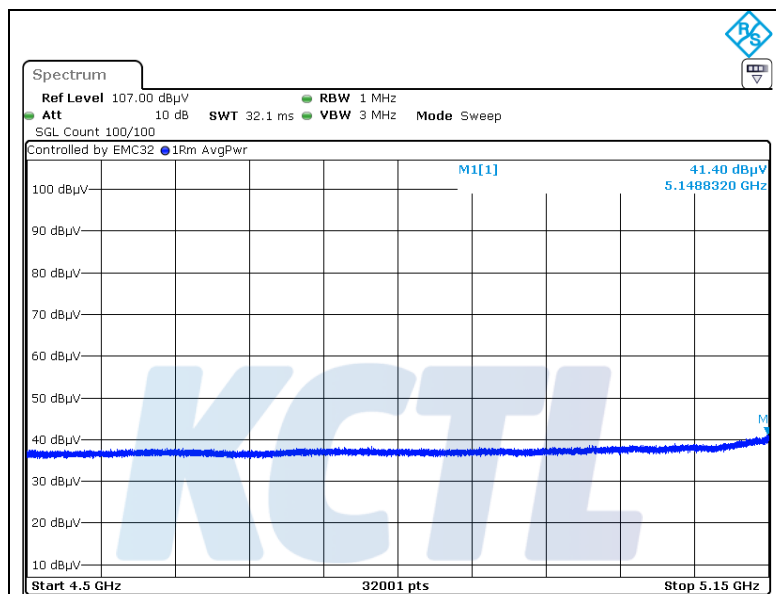
5.2.4.5 Test Plot (Balance Flex Antenna)

Figure 2. Plot of the average data emissions

- Restricted Bandedge data_U-NII-1(Lowest Channel)

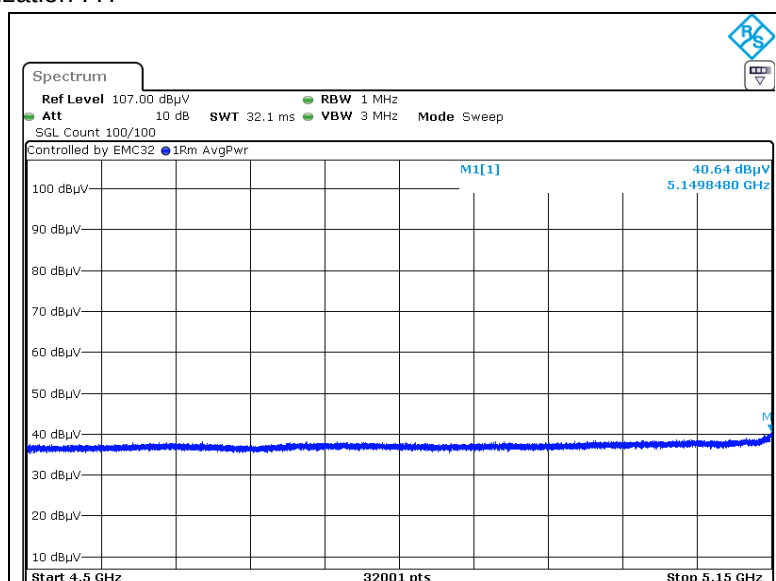
- 802.11a

Worst Antenna polarization : H



- 802.11n HT20

Worst Antenna polarization : H



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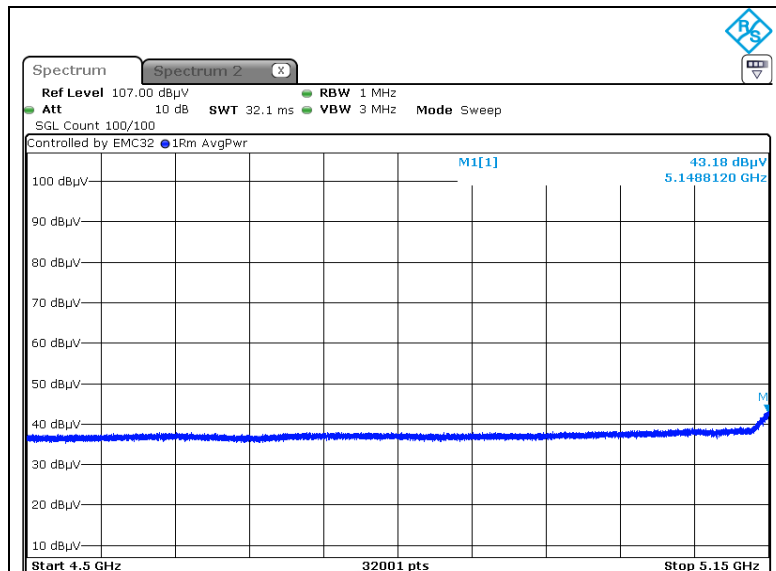
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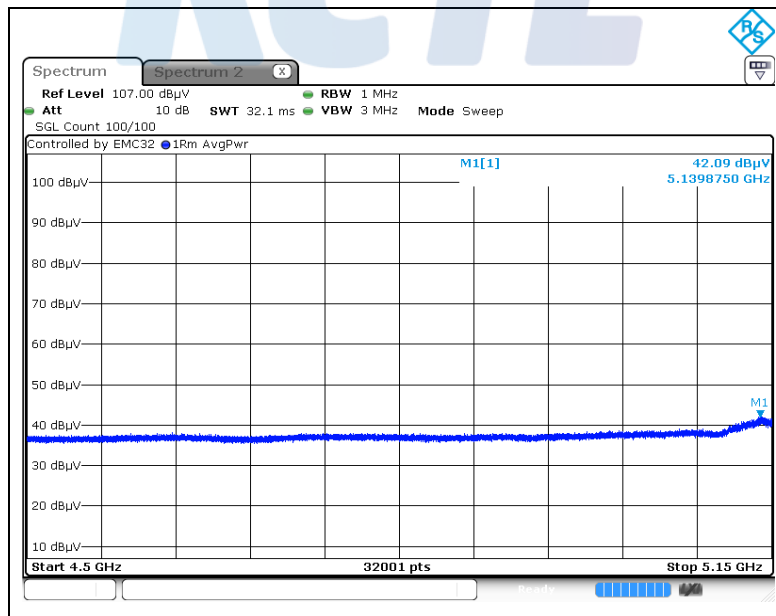
- 802.11n HT40

Worst Antenna polarization : H



- 802.11ac VHT80

Worst Antenna polarization : H



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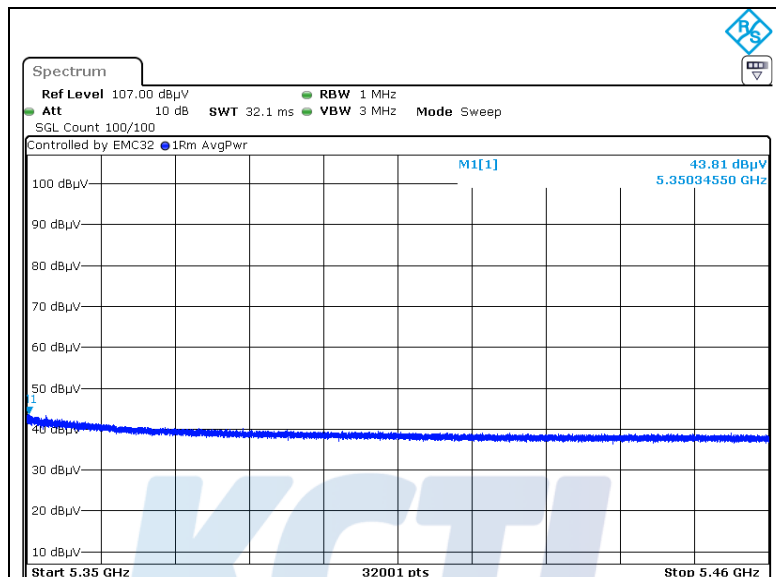
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- Restricted Bandedge data_U-NII-2A(Highest Channel)

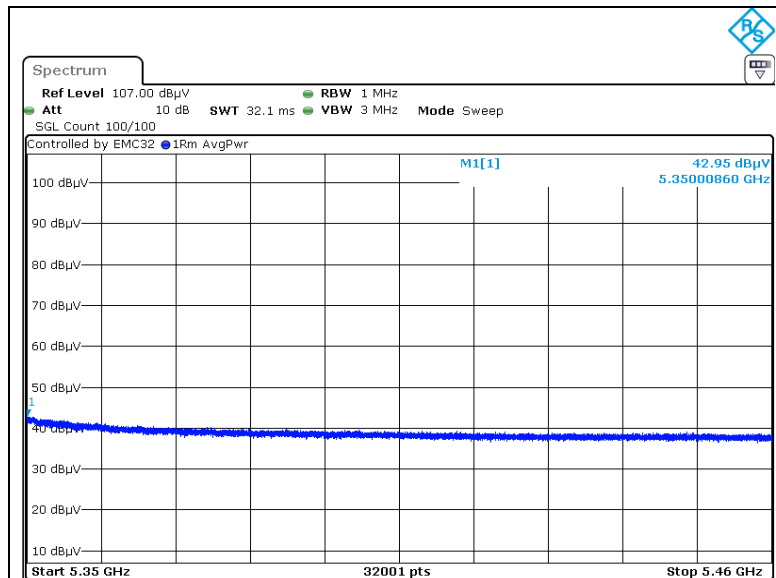
- 802.11a

Worst Antenna polarization : H



- 802.11n HT20

Worst Antenna polarization : H



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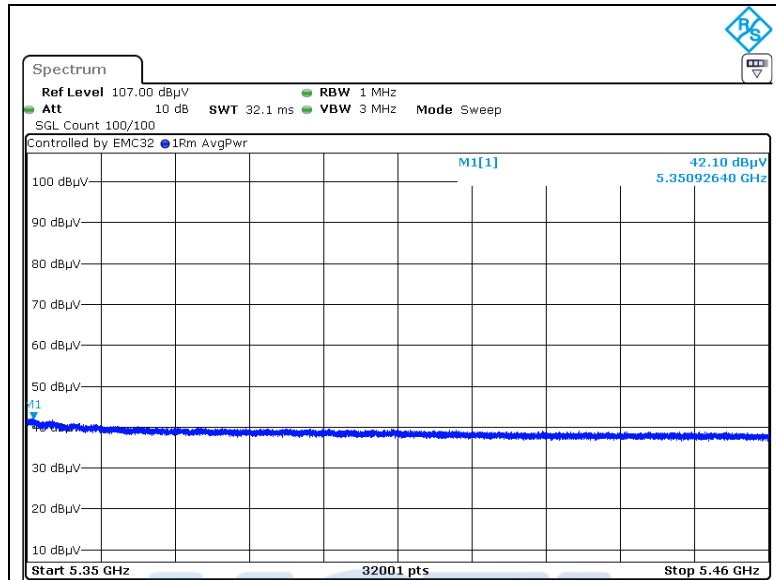
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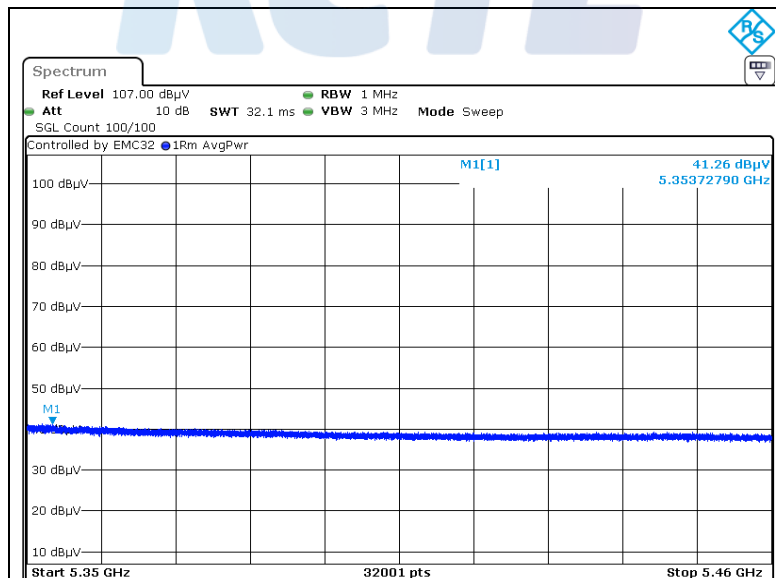
- 802.11n HT40

Worst Antenna polarization : H



- 802.11ac VHT80

Worst Antenna polarization : H



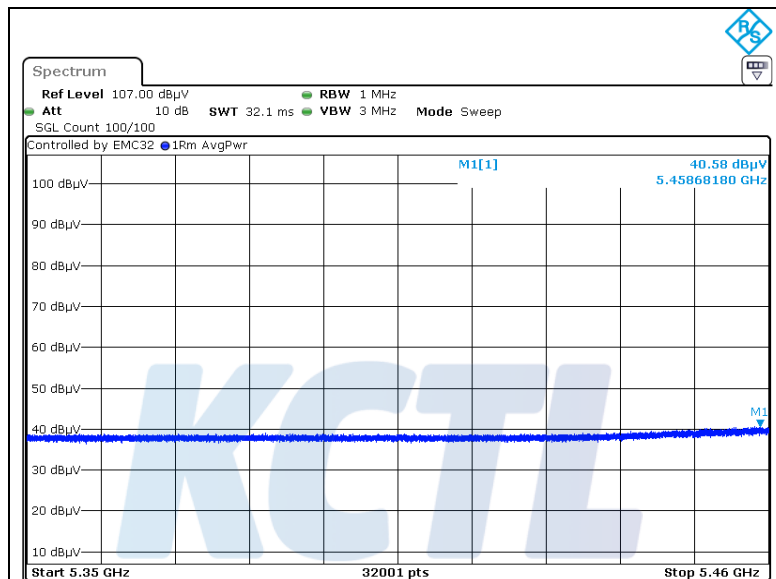
5.2.4.6 Test Plot (Balance Flex Antenna)

Figure 2. Plot of the average data emissions

- Restricted Bandedge data_U-NII-2C(Lowest Channel)

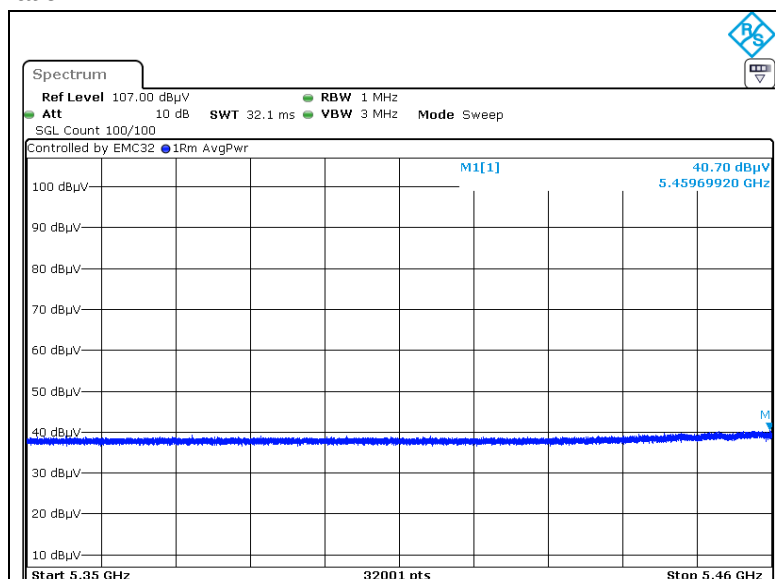
- 802.11a

Worst Antenna polarization : H



- 802.11n HT20

Worst Antenna polarization : H



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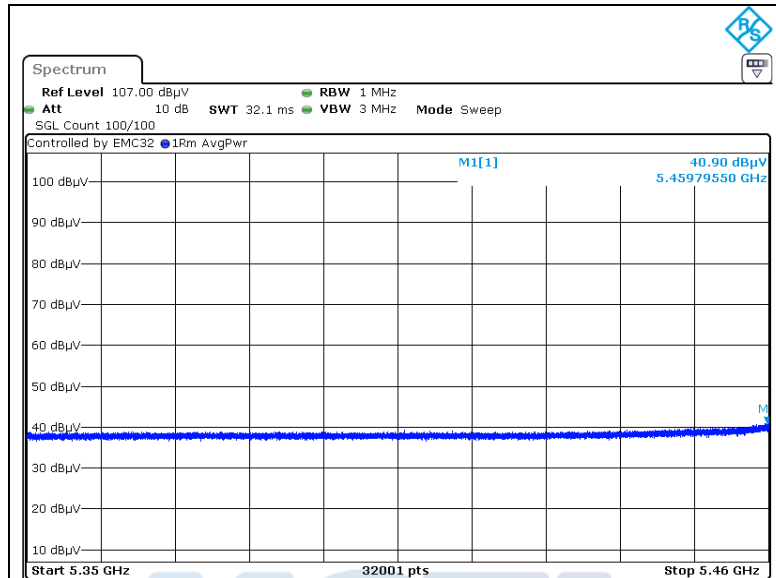
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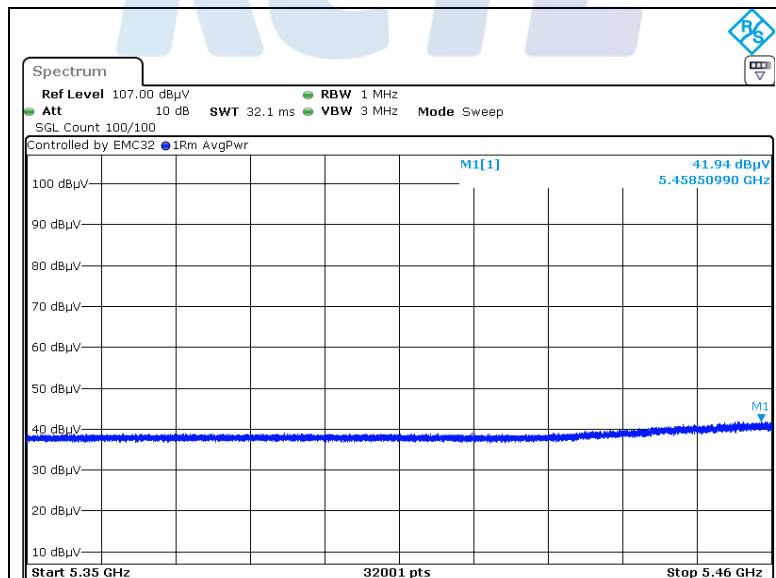
- 802.11n HT40

Worst Antenna polarization : H



- 802.11ac VHT80

Worst Antenna polarization : H



6. Test equipment used for test

	Equipment Name	Manufacturer	Model No.	Serial No.	Next Cal. Date
■	Spectrum Analyzer	R&S	FSV40	100988	19.01.05
■	Wideband Power Sensor	R&S	NRP-Z81	102398	19.01.31
■	Attenuator	HP	8491A	18591	19.01.31
■	Bilog Antenna	SCHWARZBECK	VULB9168	583	20.04.13
■	COAXIAL FIXED ATTENUATOR	Agilent	8491B-003	2708A18758	20.04.13
■	Loop Antenna	R&S	HFH2-Z2	100355	20.08.24
■	EMI TEST RECEIVER	R&S	ESC17	100732	19.08.23
■	AMPLIFIER	SONOMA	310N	284608	19.08.23
■	HORN ANTENNA	ETS-LINDGREN	3117	00155787	18.10.20
■	HORN ANTENNA	ETS-LINDGREN	3116	00086632	19.04.20
■	AMPLIFIER	L-3 Narda-MITEQ	AMF-7D-01001800-22-10P	2031196	19.05.15
■	Broadband PreAmplifier	SCHWARZBECK	BBV9718	216	19.08.01
■	AMPLIFIER	L-3 Narda-MITEQ	JS44-18004000-33-8P	2000997	19.08.02
■	High Pass Filter	WT	WT-A1699-HS	WT160411002	19.05.14
■	Antenna Mast	MATURO	AM4.0	079/3440509	-
■	Turn Table	MATURO	CO2000-SOFT	-	-
■	Antenna Mast	Innco Systems	MA4000-EP	303	-
■	Turn Table	Innco Systems	DT2000	79	-
■	TWO-LINE V - NETWORK	R&S	ENV216	101358	19.04.05
■	Signal Generator	R&S	SMR40	100007	19.05.15
■	Vector Signal Generator	R&S	SMBV100A	257566	19.01.05
■	Cable Assembly	RadiAll	2301761768000 PJ	17.30.38	-
■	Cable Assembly	gigalane	RG-400	-	-
■	Cable Assembly	HUER+SUHNER	SUCOFLEX 104	MY4342/4	-