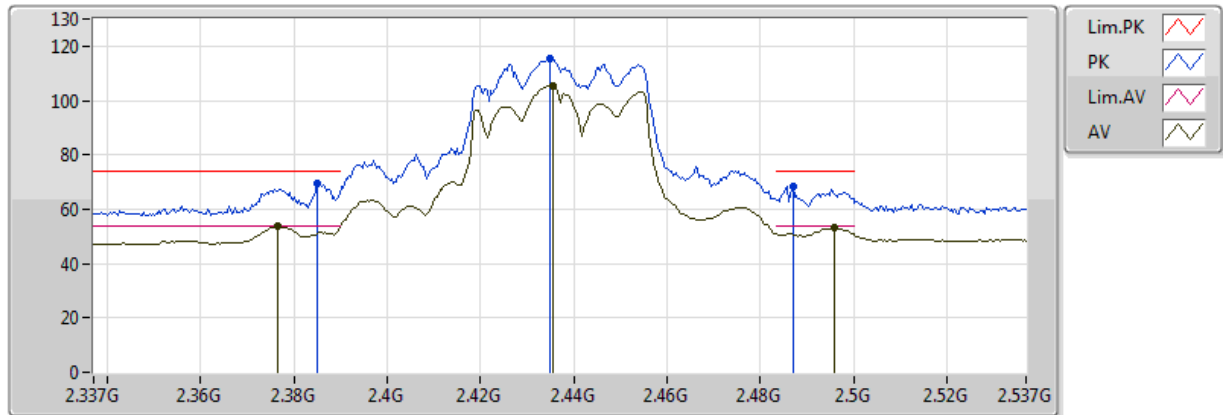


## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

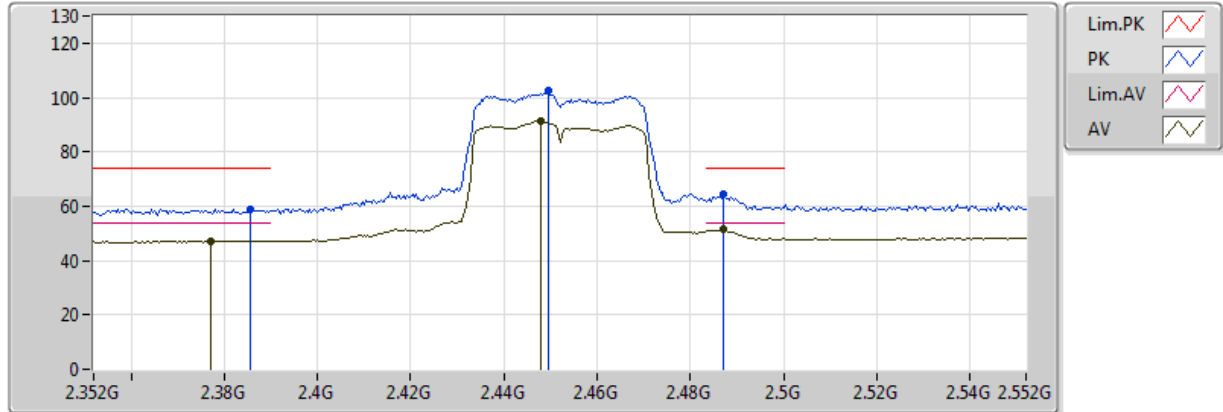


20170701  
EUT X 3TX  
Setting 18.5  
02-M-1  
FSU(100015)  
ANT Omni DTO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3766G  | 53.74         | 54.00         | -0.26      | 31.90      | 3       | H         | 29         | 2.78      | -        |
| AV   | 2.4354G  | 105.46        | Inf           | -Inf       | 32.08      | 3       | H         | 29         | 2.78      | -        |
| AV   | 2.4958G  | 53.07         | 54.00         | -0.93      | 32.26      | 3       | H         | 29         | 2.78      | -        |
| PK   | 2.385G   | 69.57         | 74.00         | -4.43      | 31.92      | 3       | H         | 29         | 2.78      | -        |
| PK   | 2.435G   | 115.41        | Inf           | -Inf       | 32.08      | 3       | H         | 29         | 2.78      | -        |
| PK   | 2.487G   | 68.40         | 74.00         | -5.60      | 32.23      | 3       | H         | 29         | 2.78      | -        |

# **802.11ac VHT40\_Nss1,(MCS0)\_3TX**

## **2452MHz\_TX**

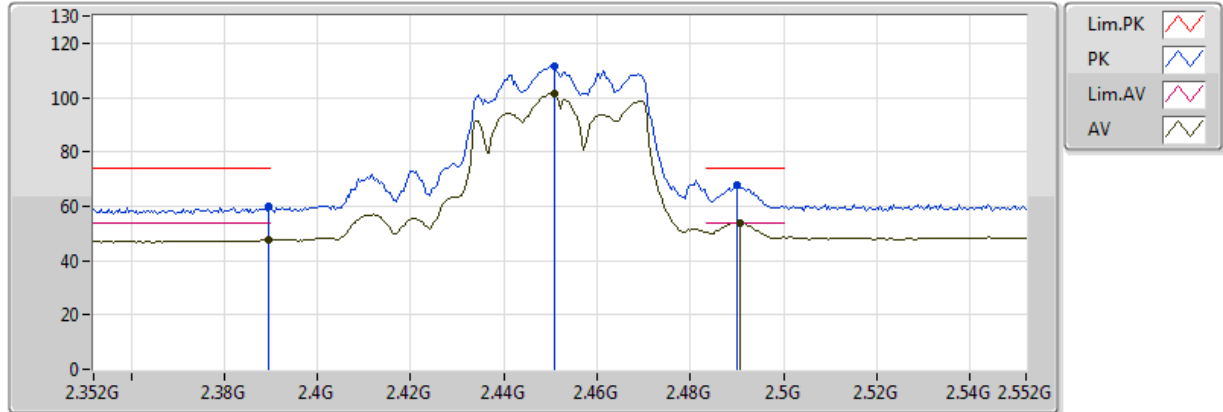


20170701  
 EUT X 3TX  
 Setting 14  
 02-M-1  
 FSU(100015)  
 ANT Omni DTO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3772G  | 47.30         | 54.00         | -6.70      | 31.90      | 3       | V         | 135        | 1.06      | -        |
| AV   | 2.448G   | 91.22         | Inf           | -Inf       | 32.11      | 3       | V         | 135        | 1.06      | -        |
| AV   | 2.4872G  | 51.40         | 54.00         | -2.60      | 32.23      | 3       | V         | 135        | 1.06      | -        |
| PK   | 2.3856G  | 59.00         | 74.00         | -15.00     | 31.93      | 3       | V         | 135        | 1.06      | -        |
| PK   | 2.4496G  | 102.35        | Inf           | -Inf       | 32.12      | 3       | V         | 135        | 1.06      | -        |
| PK   | 2.4872G  | 64.66         | 74.00         | -9.34      | 32.23      | 3       | V         | 135        | 1.06      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

### 2452MHz\_TX



20170701  
EUT X 3TX  
Setting 14  
02-M-1  
FSU(100015)  
ANT Omni DTO Non-TXBF

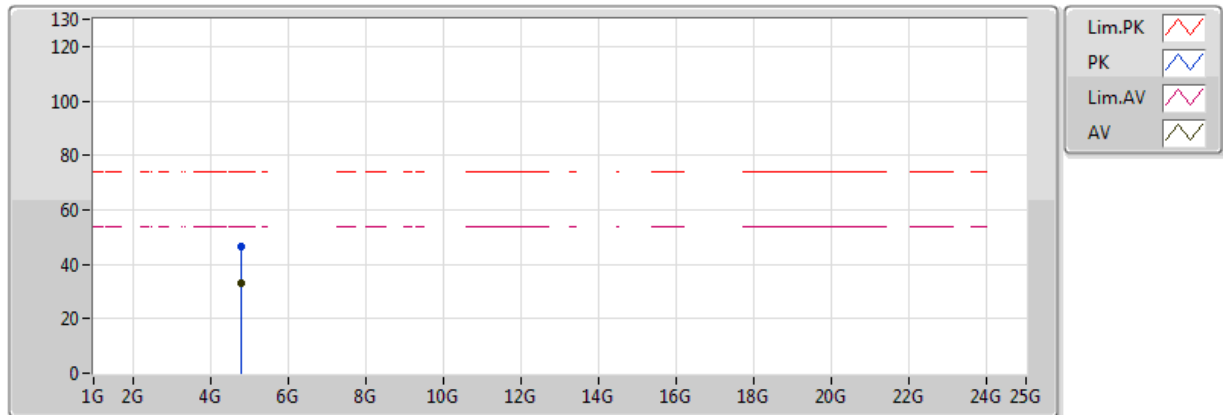
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3896G  | 47.56         | 54.00         | -6.44      | 31.94      | 3       | H         | 27         | 2.75      | -        |
| AV   | 2.4508G  | 101.28        | Inf           | -Inf       | 32.12      | 3       | H         | 27         | 2.75      | -        |
| AV   | 2.4908G  | 53.97         | 54.00         | -0.03      | 32.24      | 3       | H         | 27         | 2.75      | -        |
| PK   | 2.3896G  | 59.73         | 74.00         | -14.27     | 31.94      | 3       | H         | 27         | 2.75      | -        |
| PK   | 2.4508G  | 111.36        | Inf           | -Inf       | 32.12      | 3       | H         | 27         | 2.75      | -        |
| PK   | 2.49G    | 67.87         | 74.00         | -6.13      | 32.24      | 3       | H         | 27         | 2.75      | -        |

**<For Beamforming Mode>****Harmonic Summary**

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz                     | Pass   | AV   | 7.39002G     | 38.05             | 54.00             | -15.95         | 12.36          | 3           | V             | 243            | 1.74          | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2412MHz\_TX

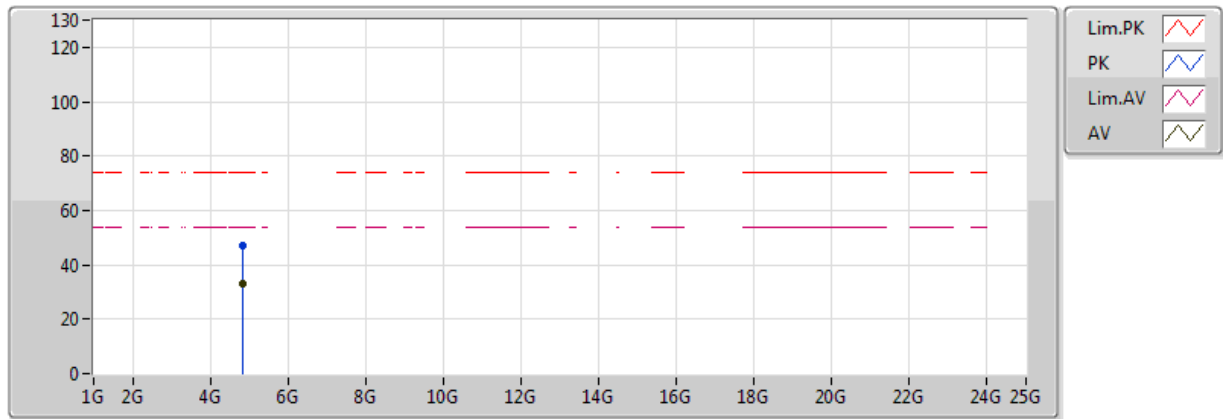


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.81704G | 33.13         | 54.00         | -20.87     | 8.06       | 3       | V         | 245        | 2.01      | -        |
| PK   | 4.81686G | 46.67         | 74.00         | -27.33     | 8.06       | 3       | V         | 245        | 2.01      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2412MHz\_TX

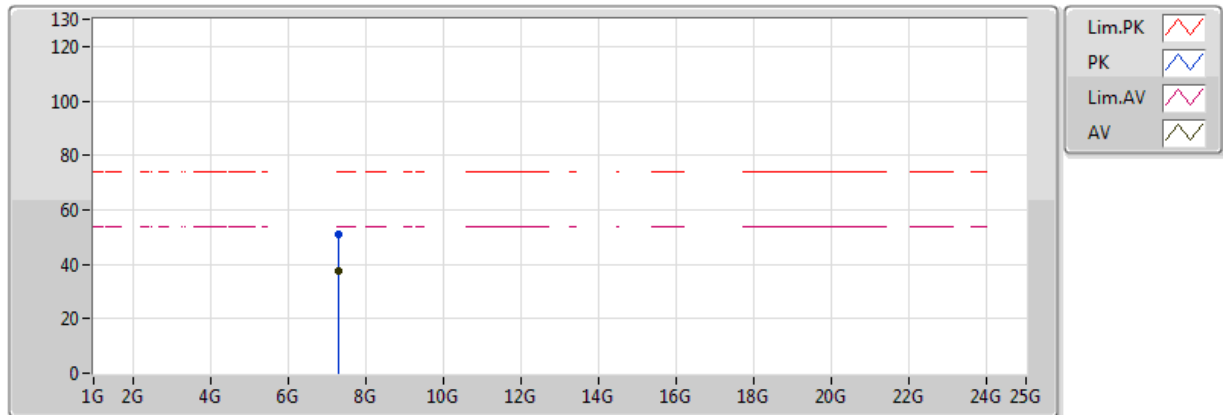


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82808G | 33.10         | 54.00         | -20.90     | 8.10       | 3       | H         | 5          | 1.53      | -        |
| PK   | 4.82046G | 46.94         | 74.00         | -27.06     | 8.07       | 3       | H         | 5          | 1.53      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

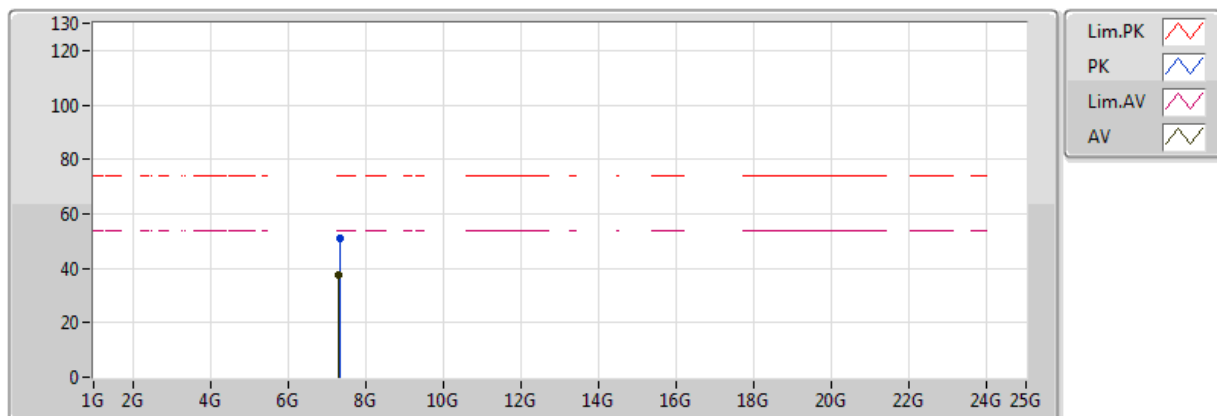


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.3002G  | 37.51         | 54.00         | -16.49     | 12.17      | 3       | V         | 226        | 1.68      | -        |
| PK   | 7.32258G | 51.08         | 74.00         | -22.92     | 12.22      | 3       | V         | 226        | 1.68      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

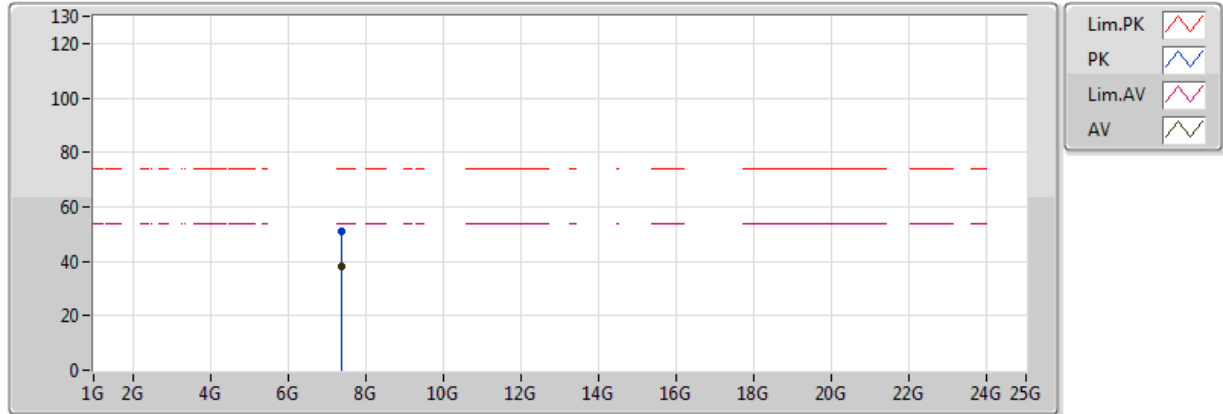


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.31958G | 37.49         | 54.00         | -16.51     | 12.21      | 3       | H         | 31         | 1.08      | -        |
| PK   | 7.32432G | 51.12         | 74.00         | -22.88     | 12.22      | 3       | H         | 31         | 1.08      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2462MHz\_TX

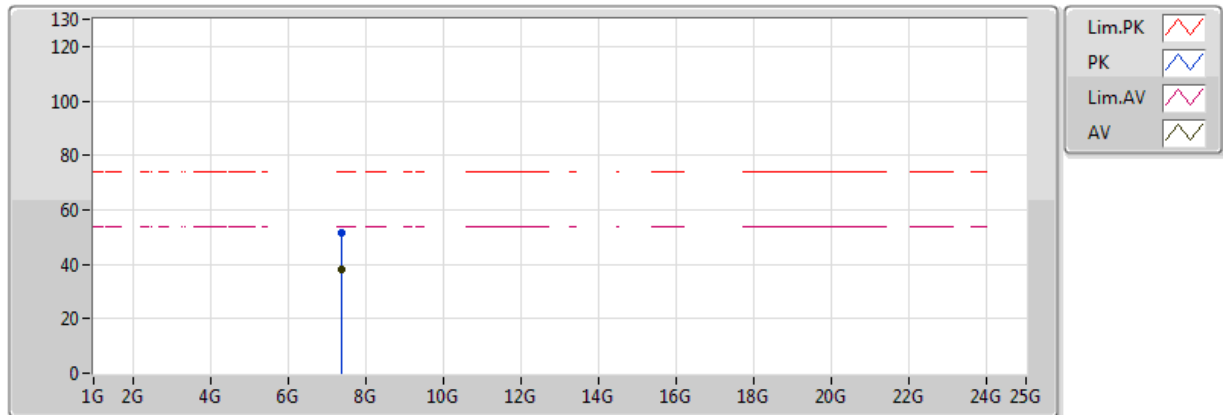


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.39002G | 38.05         | 54.00         | -15.95     | 12.36      | 3       | V         | 243        | 1.74      | -        |
| PK   | 7.39074G | 51.05         | 74.00         | -22.95     | 12.36      | 3       | V         | 243        | 1.74      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2462MHz\_TX

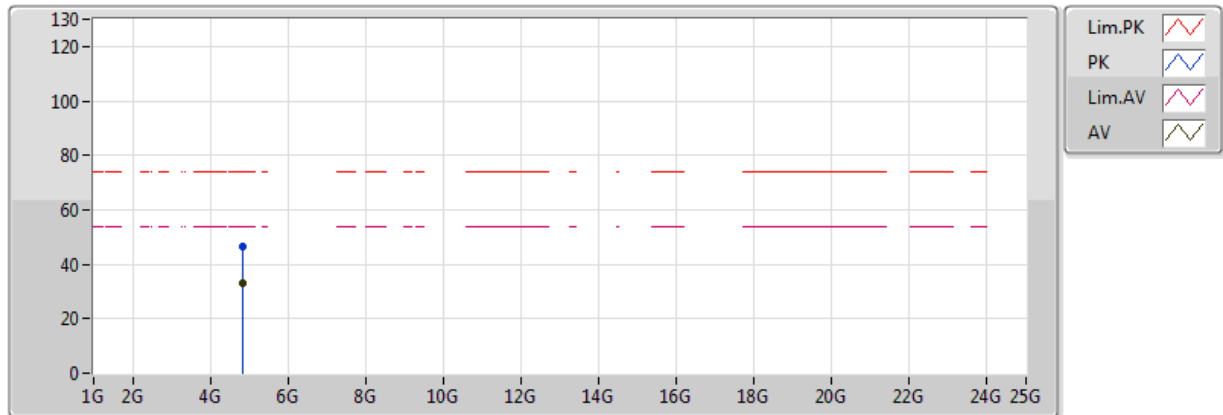


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.37424G | 38.04         | 54.00         | -15.96     | 12.33      | 3       | H         | 306        | 1.39      | -        |
| PK   | 7.37544G | 51.48         | 74.00         | -22.52     | 12.33      | 3       | H         | 306        | 1.39      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2422MHz\_TX

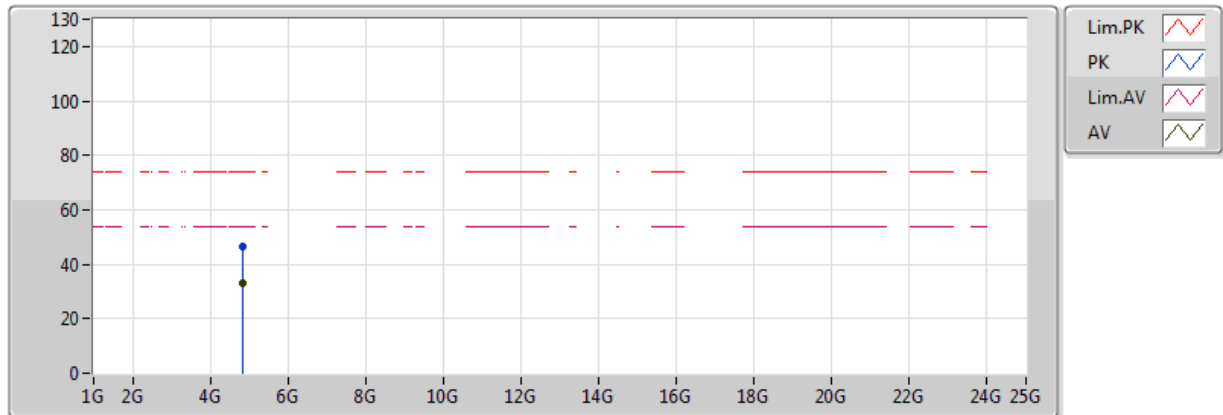


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82954G | 33.26         | 54.00         | -20.74     | 8.10       | 3       | V         | 114        | 2.00      | -        |
| PK   | 4.84244G | 46.74         | 74.00         | -27.26     | 8.14       | 3       | V         | 114        | 2.00      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2422MHz\_TX

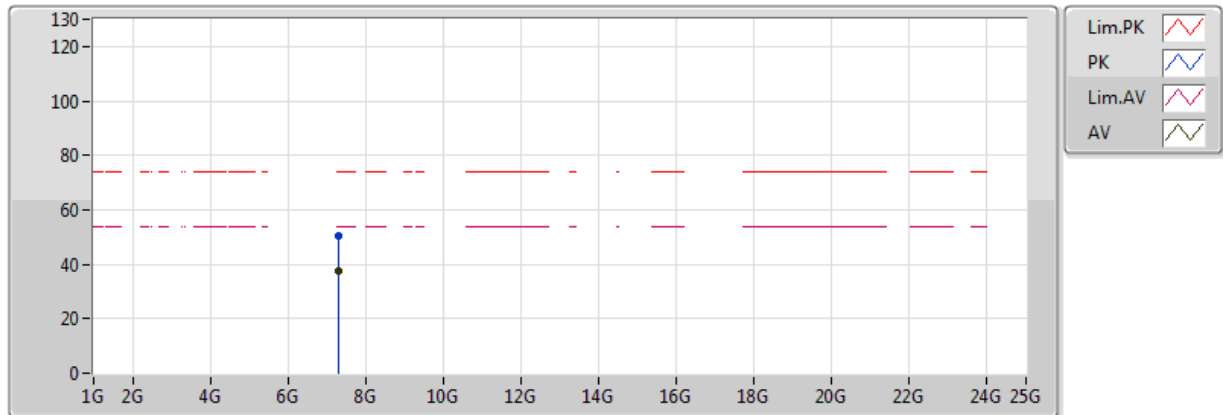


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.8299G  | 32.97         | 54.00         | -21.03     | 8.10       | 3       | H         | 40         | 2.39      | -        |
| PK   | 4.85126G | 46.36         | 74.00         | -27.64     | 8.17       | 3       | H         | 40         | 2.39      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

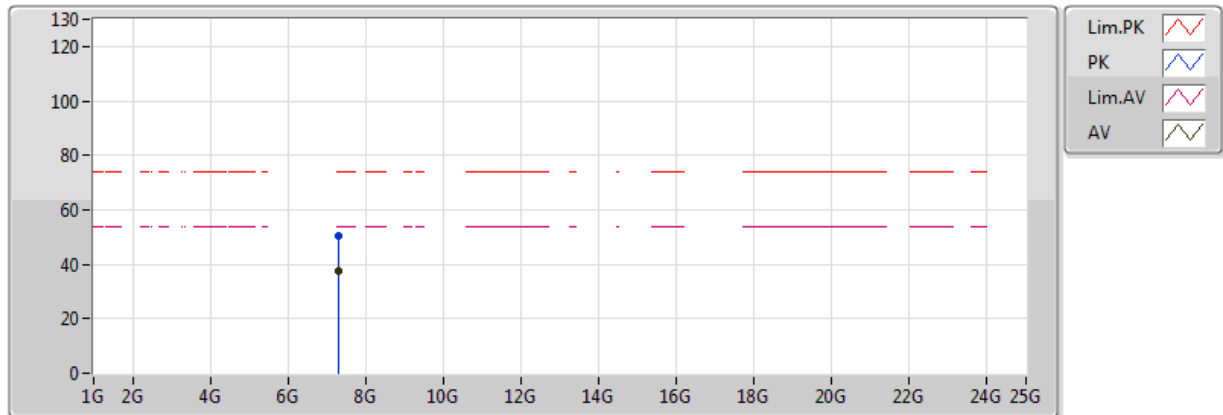


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.31646G | 37.39         | 54.00         | -16.61     | 12.20      | 3       | V         | 334        | 1.75      | -        |
| PK   | 7.31666G | 50.54         | 74.00         | -23.46     | 12.20      | 3       | V         | 334        | 1.75      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

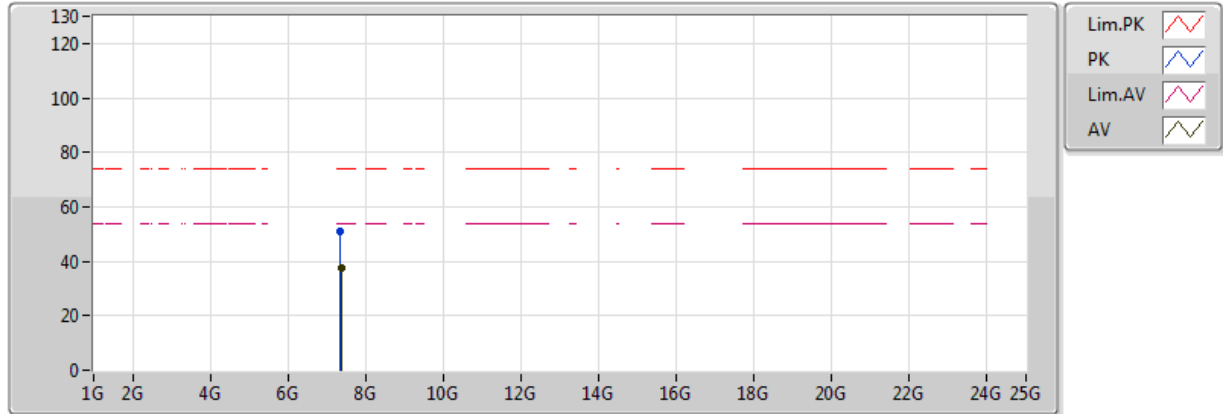


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.31454G | 37.36         | 54.00         | -16.64     | 12.20      | 3       | H         | 54         | 2.42      | -        |
| PK   | 7.30518G | 50.40         | 74.00         | -23.60     | 12.18      | 3       | H         | 54         | 2.42      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2452MHz\_TX

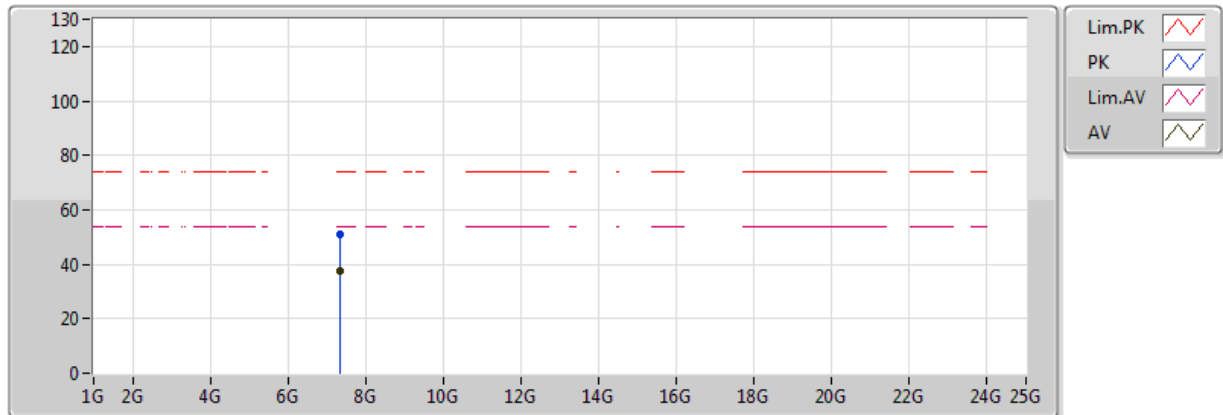


20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.36872G | 37.77         | 54.00         | -16.23     | 12.31      | 3       | V         | 266        | 2.00      | -        |
| PK   | 7.34892G | 50.72         | 74.00         | -23.28     | 12.27      | 3       | V         | 266        | 2.00      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2452MHz\_TX



20170818  
EUT X 3TX  
Setting 22  
02-Z-1  
FSU(100015)  
ANT Omni DTO TXBF

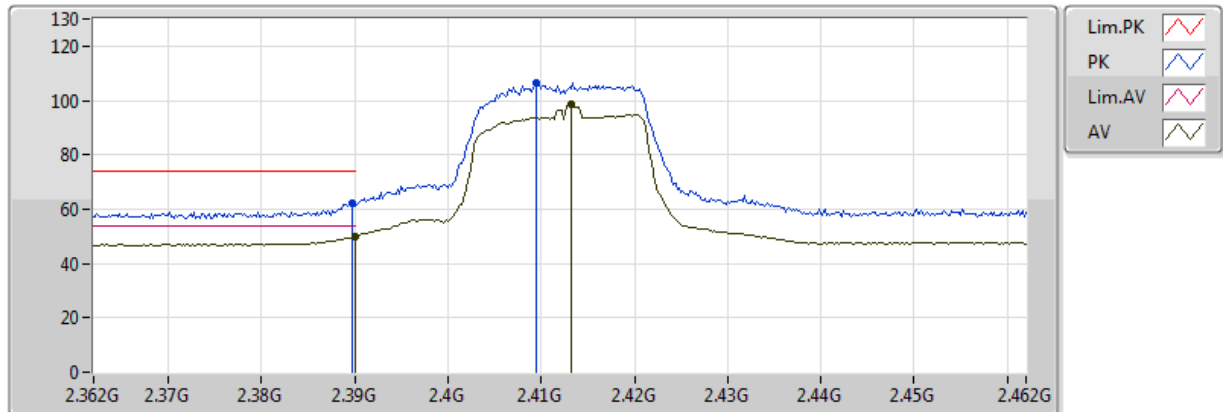
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 7.35564G | 37.53         | 54.00         | -16.47     | 12.29      | 3       | H         | 35         | 1.85      | -        |
| PK   | 7.3464G  | 51.01         | 74.00         | -22.99     | 12.27      | 3       | H         | 35         | 1.85      | -        |

**Band Edge Emission Summary**

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz                     | Pass   | AV   | 2.483502G    | 53.88             | 54.00             | -0.12          | 32.22          | 3           | H             | 32             | 2.67          | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2412MHz\_TX

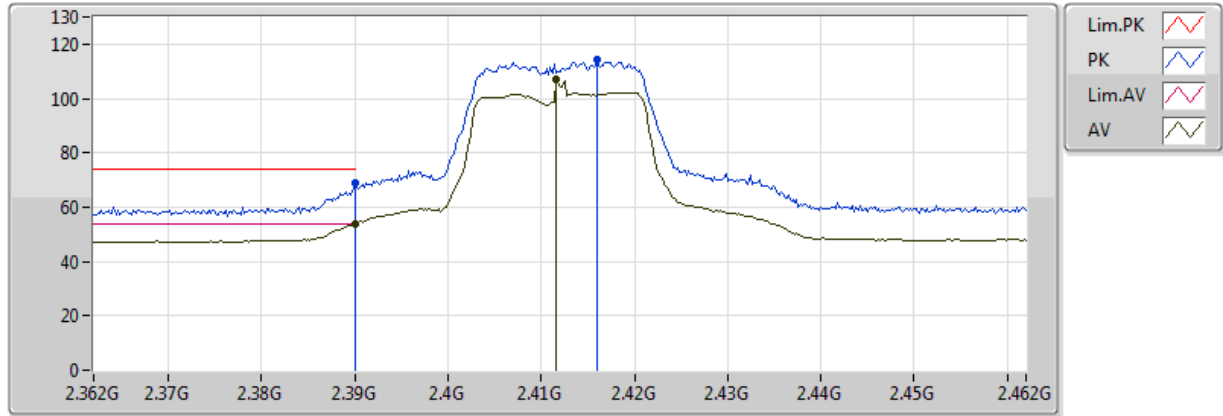


20170701  
EUT X 3TX  
Setting 17.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 50.08         | 54.00         | -3.92      | 31.94      | 3       | V         | 63         | 1.19      | -        |
| AV   | 2.4132G  | 98.60         | Inf           | -Inf       | 32.01      | 3       | V         | 63         | 1.19      | -        |
| PK   | 2.3898G  | 62.18         | 74.00         | -11.82     | 31.94      | 3       | V         | 63         | 1.19      | -        |
| PK   | 2.4094G  | 106.25        | Inf           | -Inf       | 32.00      | 3       | V         | 63         | 1.19      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2412MHz\_TX

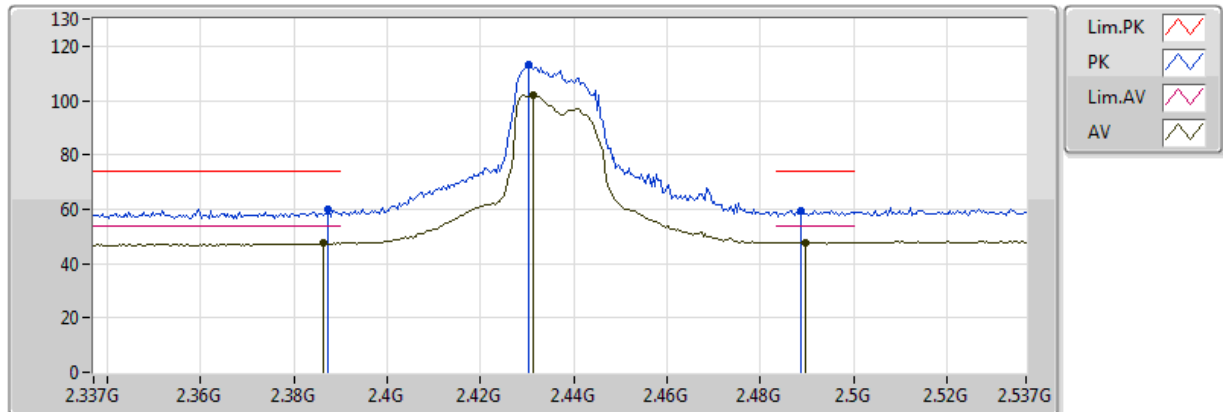


20170701  
EUT X 3TX  
Setting 17.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.82         | 54.00         | -0.18      | 31.94      | 3       | H         | 19         | 2.33      | -        |
| AV   | 2.4116G  | 106.75        | Inf           | -Inf       | 32.00      | 3       | H         | 19         | 2.33      | -        |
| PK   | 2.39G    | 68.74         | 74.00         | -5.26      | 31.94      | 3       | H         | 19         | 2.33      | -        |
| PK   | 2.416G   | 114.32        | Inf           | -Inf       | 32.02      | 3       | H         | 19         | 2.33      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

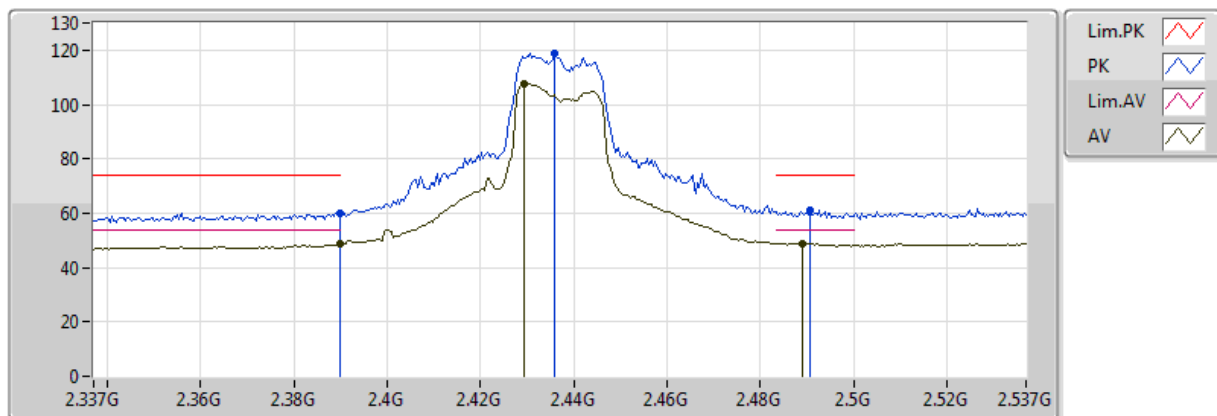


20170701  
EUT X 3TX  
Setting 22  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3862G  | 47.48         | 54.00         | -6.52      | 31.93      | 3       | V         | 69         | 1.04      | -        |
| AV   | 2.4314G  | 101.87        | Inf           | -Inf       | 32.06      | 3       | V         | 69         | 1.04      | -        |
| AV   | 2.4898G  | 47.87         | 54.00         | -6.13      | 32.24      | 3       | V         | 69         | 1.04      | -        |
| PK   | 2.3874G  | 60.08         | 74.00         | -13.92     | 31.93      | 3       | V         | 69         | 1.04      | -        |
| PK   | 2.4302G  | 113.31        | Inf           | -Inf       | 32.06      | 3       | V         | 69         | 1.04      | -        |
| PK   | 2.4886G  | 59.58         | 74.00         | -14.42     | 32.24      | 3       | V         | 69         | 1.04      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

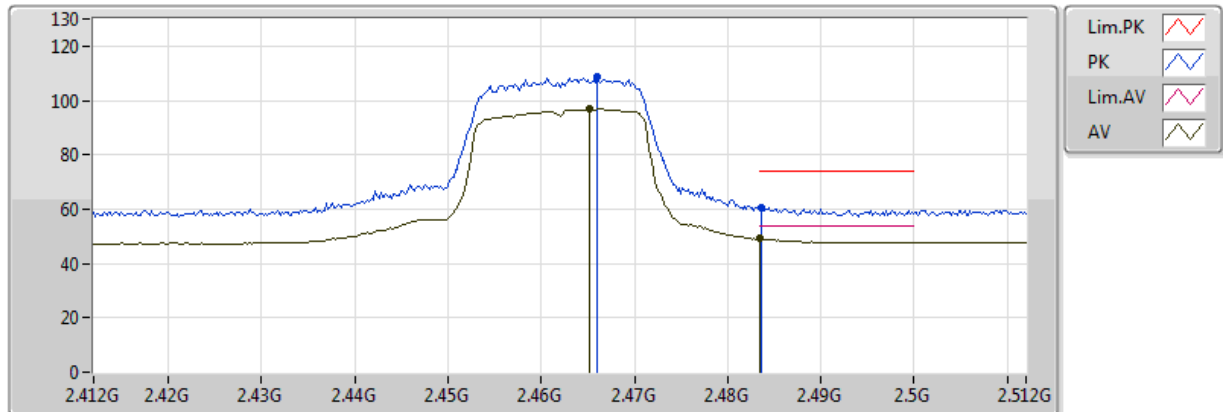


20170701  
EUT X 3TX  
Setting 22  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 48.87         | 54.00         | -5.13      | 31.94      | 3       | H         | 32         | 2.53      | -        |
| AV   | 2.4294G   | 107.65        | Inf           | -Inf       | 32.06      | 3       | H         | 32         | 2.53      | -        |
| AV   | 2.489G    | 48.97         | 54.00         | -5.03      | 32.24      | 3       | H         | 32         | 2.53      | -        |
| PK   | 2.389998G | 59.91         | 74.00         | -14.09     | 31.94      | 3       | H         | 32         | 2.53      | -        |
| PK   | 2.4358G   | 118.94        | Inf           | -Inf       | 32.08      | 3       | H         | 32         | 2.53      | -        |
| PK   | 2.4906G   | 60.95         | 74.00         | -13.05     | 32.24      | 3       | H         | 32         | 2.53      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2462MHz\_TX

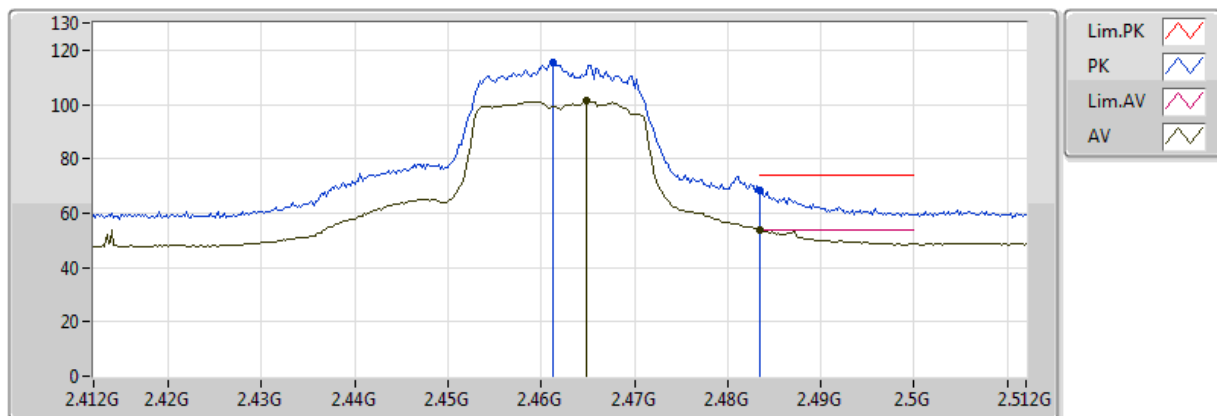


20170701  
EUT X 3TX  
Setting 18.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4652G   | 96.90         | Inf           | -Inf       | 32.17      | 3       | V         | 77         | 1.12      | -        |
| AV   | 2.483502G | 49.07         | 54.00         | -4.93      | 32.22      | 3       | V         | 77         | 1.12      | -        |
| PK   | 2.466G    | 108.47        | Inf           | -Inf       | 32.17      | 3       | V         | 77         | 1.12      | -        |
| PK   | 2.4836G   | 60.73         | 74.00         | -13.27     | 32.22      | 3       | V         | 77         | 1.12      | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

### 2462MHz\_TX

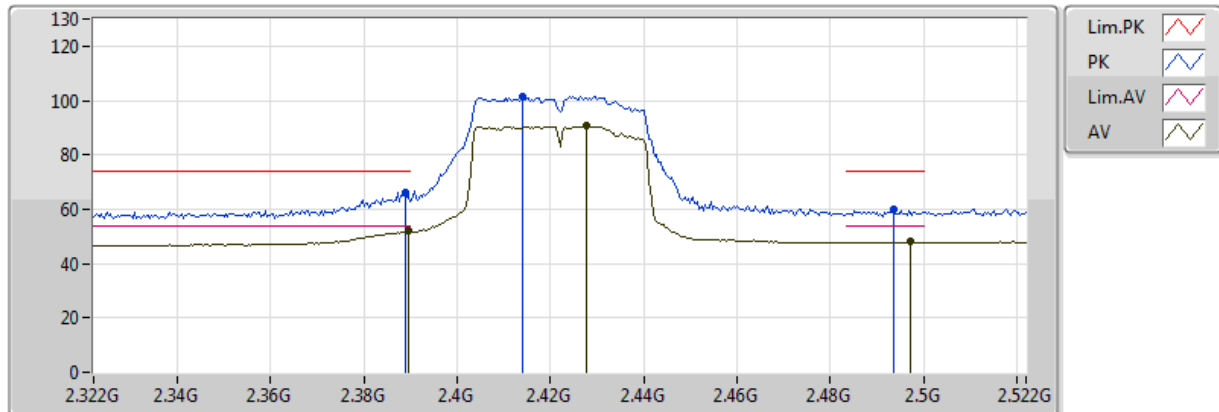


20170701  
EUT X 3TX  
Setting 18.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4648G   | 101.45        | Inf           | -Inf       | 32.16      | 3       | H         | 32         | 2.67      | -        |
| AV   | 2.483502G | 53.88         | 54.00         | -0.12      | 32.22      | 3       | H         | 32         | 2.67      | -        |
| PK   | 2.4612G   | 115.57        | Inf           | -Inf       | 32.15      | 3       | H         | 32         | 2.67      | -        |
| PK   | 2.483502G | 68.15         | 74.00         | -5.85      | 32.22      | 3       | H         | 32         | 2.67      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2422MHz\_TX

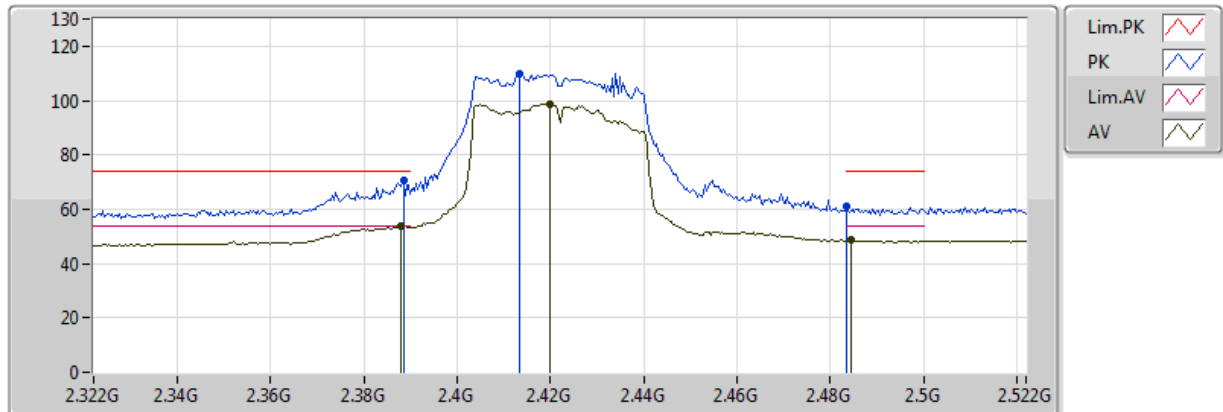


20170701  
EUT X 3TX  
Setting 15.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3896G  | 51.86         | 54.00         | -2.14      | 31.94      | 3       | V         | 84         | 2.93      | -        |
| AV   | 2.4276G  | 90.64         | Inf           | -Inf       | 32.05      | 3       | V         | 84         | 2.93      | -        |
| AV   | 2.4972G  | 47.93         | 54.00         | -6.07      | 32.26      | 3       | V         | 84         | 2.93      | -        |
| PK   | 2.3888G  | 66.29         | 74.00         | -7.71      | 31.94      | 3       | V         | 84         | 2.93      | -        |
| PK   | 2.414G   | 101.68        | Inf           | -Inf       | 32.01      | 3       | V         | 84         | 2.93      | -        |
| PK   | 2.4936G  | 59.77         | 74.00         | -14.23     | 32.25      | 3       | V         | 84         | 2.93      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2422MHz\_TX

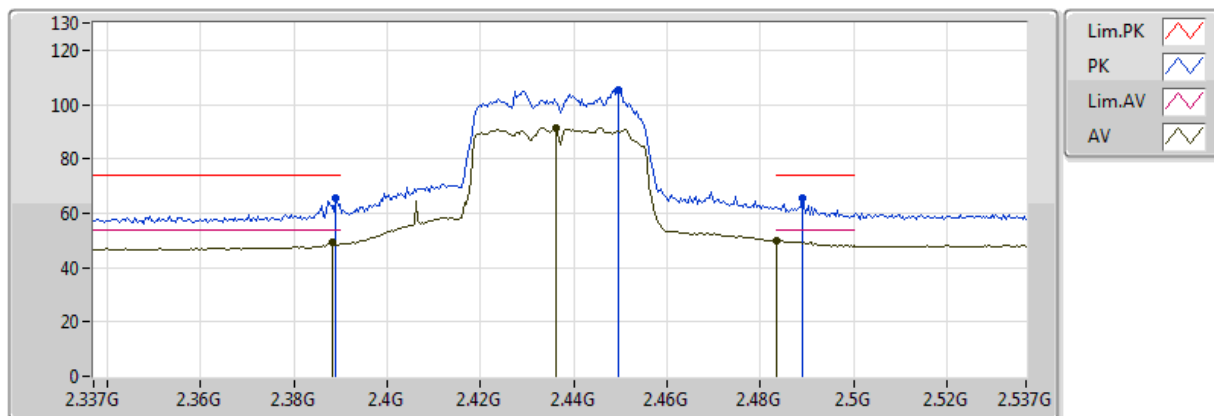


20170701  
EUT X 3TX  
Setting 15.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.388G   | 53.65         | 54.00         | -0.35      | 31.93      | 3       | H         | 39         | 2.83      | -        |
| AV   | 2.42G    | 98.88         | Inf           | -Inf       | 32.03      | 3       | H         | 39         | 2.83      | -        |
| AV   | 2.4844G  | 48.52         | 54.00         | -5.48      | 32.22      | 3       | H         | 39         | 2.83      | -        |
| PK   | 2.3884G  | 70.60         | 74.00         | -3.40      | 31.93      | 3       | H         | 39         | 2.83      | -        |
| PK   | 2.4132G  | 109.82        | Inf           | -Inf       | 32.01      | 3       | H         | 39         | 2.83      | -        |
| PK   | 2.4836G  | 60.99         | 74.00         | -13.01     | 32.22      | 3       | H         | 39         | 2.83      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

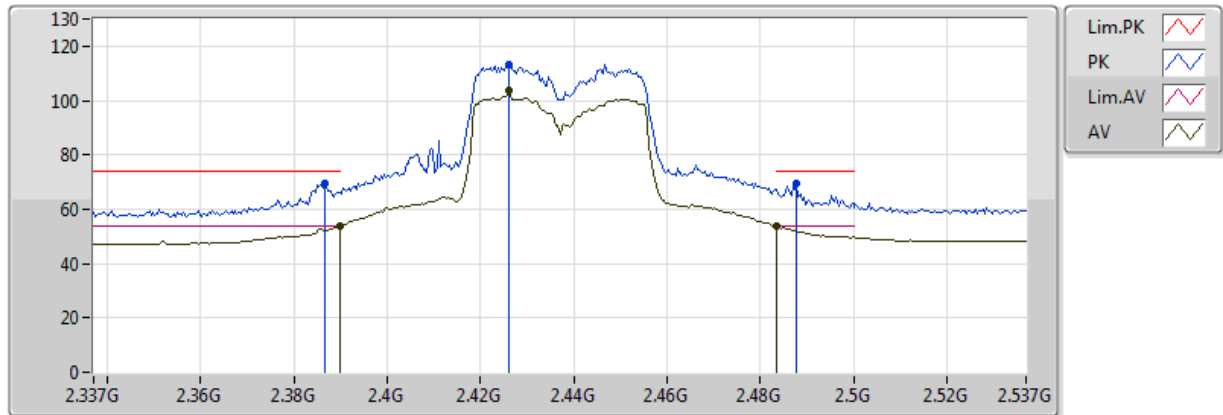


20170701  
EUT X 3TX  
Setting 18  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3882G   | 49.25         | 54.00         | -4.75      | 31.93      | 3       | V         | 129        | 1.01      | -        |
| AV   | 2.4362G   | 91.46         | Inf           | -Inf       | 32.08      | 3       | V         | 129        | 1.01      | -        |
| AV   | 2.483502G | 50.08         | 54.00         | -3.92      | 32.22      | 3       | V         | 129        | 1.01      | -        |
| PK   | 2.389G    | 65.30         | 74.00         | -8.70      | 31.94      | 3       | V         | 129        | 1.01      | -        |
| PK   | 2.4494G   | 105.53        | Inf           | -Inf       | 32.12      | 3       | V         | 129        | 1.01      | -        |
| PK   | 2.489G    | 65.51         | 74.00         | -8.49      | 32.24      | 3       | V         | 129        | 1.01      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2437MHz\_TX

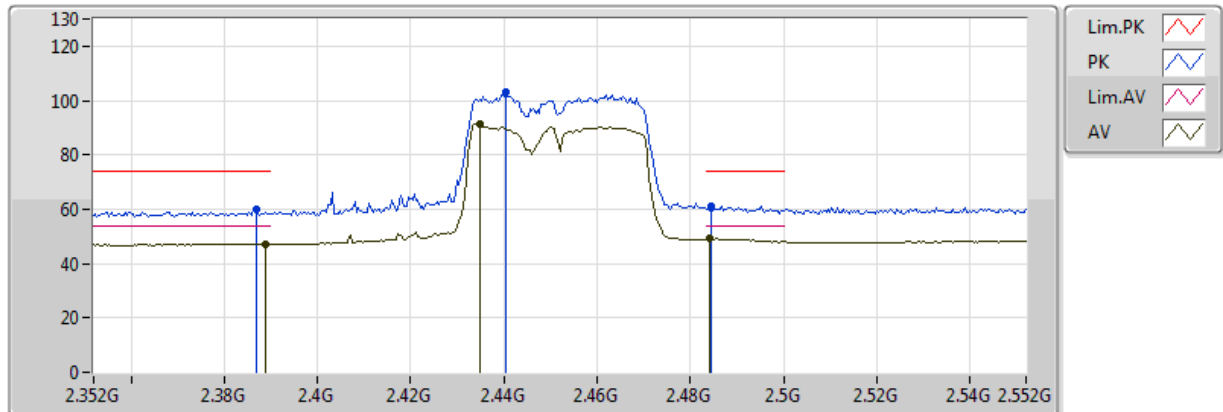


20170701  
EUT X 3TX  
Setting 18  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 53.72         | 54.00         | -0.28      | 31.94      | 3       | H         | 39         | 2.79      | -        |
| AV   | 2.4262G   | 103.68        | Inf           | -Inf       | 32.05      | 3       | H         | 39         | 2.79      | -        |
| AV   | 2.483502G | 53.65         | 54.00         | -0.35      | 32.22      | 3       | H         | 39         | 2.79      | -        |
| PK   | 2.3866G   | 69.73         | 74.00         | -4.27      | 31.93      | 3       | H         | 39         | 2.79      | -        |
| PK   | 2.4262G   | 113.27        | Inf           | -Inf       | 32.05      | 3       | H         | 39         | 2.79      | -        |
| PK   | 2.4878G   | 69.28         | 74.00         | -4.72      | 32.23      | 3       | H         | 39         | 2.79      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2452MHz\_TX

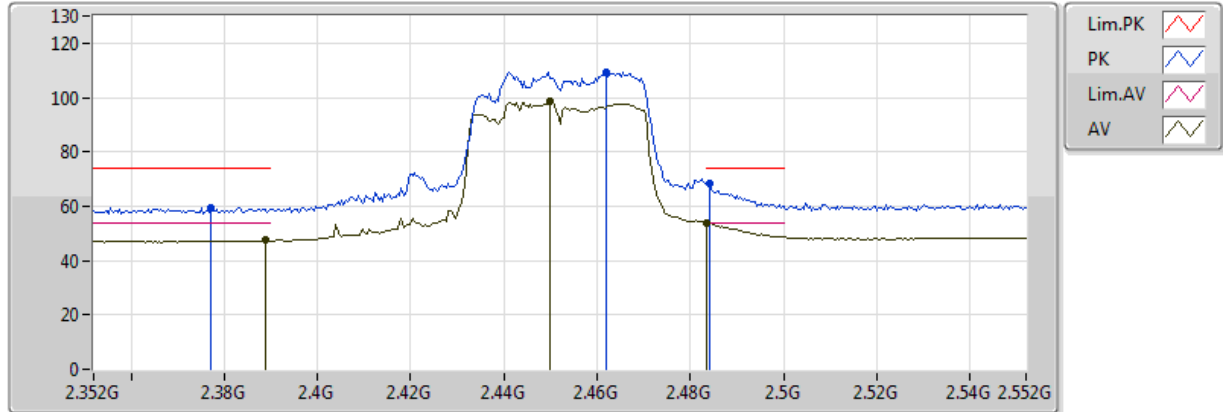


20170701  
EUT X 3TX  
Setting 13.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3888G  | 47.22         | 54.00         | -6.78      | 31.94      | 3       | V         | 64         | 1.22      | -        |
| AV   | 2.4348G  | 91.38         | Inf           | -Inf       | 32.07      | 3       | V         | 64         | 1.22      | -        |
| AV   | 2.484G   | 49.16         | 54.00         | -4.84      | 32.22      | 3       | V         | 64         | 1.22      | -        |
| PK   | 2.3868G  | 59.78         | 74.00         | -14.22     | 31.93      | 3       | V         | 64         | 1.22      | -        |
| PK   | 2.4404G  | 102.85        | Inf           | -Inf       | 32.09      | 3       | V         | 64         | 1.22      | -        |
| PK   | 2.4844G  | 61.15         | 74.00         | -12.85     | 32.22      | 3       | V         | 64         | 1.22      | -        |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

### 2452MHz\_TX



20170701  
EUT X 3TX  
Setting 13.5  
02-J-6  
FSU(100015)  
ANT Omni DTO TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3888G  | 47.40         | 54.00         | -6.60      | 31.94      | 3       | H         | 50         | 2.75      | -        |
| AV   | 2.45G    | 98.35         | Inf           | -Inf       | 32.12      | 3       | H         | 50         | 2.75      | -        |
| AV   | 2.4836G  | 53.67         | 54.00         | -0.33      | 32.22      | 3       | H         | 50         | 2.75      | -        |
| PK   | 2.3772G  | 59.45         | 74.00         | -14.55     | 31.90      | 3       | H         | 50         | 2.75      | -        |
| PK   | 2.462G   | 109.17        | Inf           | -Inf       | 32.16      | 3       | H         | 50         | 2.75      | -        |
| PK   | 2.484G   | 68.60         | 74.00         | -5.40      | 32.22      | 3       | H         | 50         | 2.75      | -        |

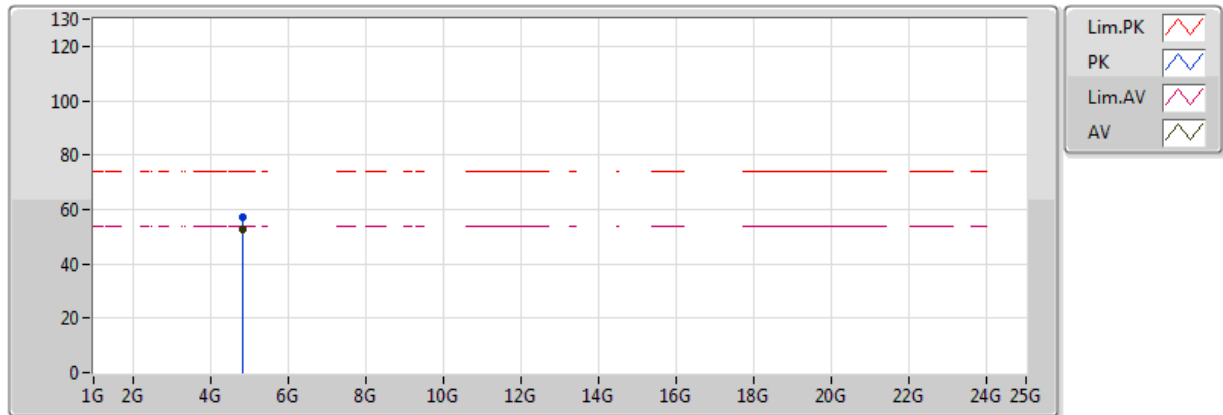


**For Radio 3:**  
**For Set 1 antennas / 1TX:**  
**Harmonic Summary**

| Mode                | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11b_(1Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz       | Pass   | AV   | 4.824G       | 53.97             | 54.00             | -0.03          | 8.08           | 3           | H             | 359            | 1.59          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

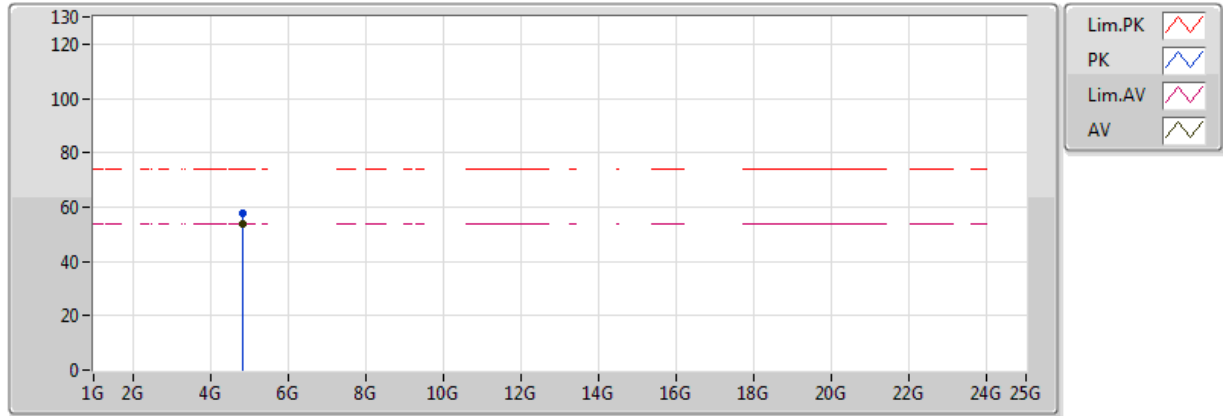


20170705  
EUT X1TX  
Setting 21  
02-Z-1  
FSU(100015)  
ANT Dipole Skynet-SD

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82407G | 52.87         | 54.00         | -1.13      | 8.08       | 3       | V         | 152        | 1.19      | -        |
| PK   | 4.82411G | 57.19         | 74.00         | -16.81     | 8.08       | 3       | V         | 152        | 1.19      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

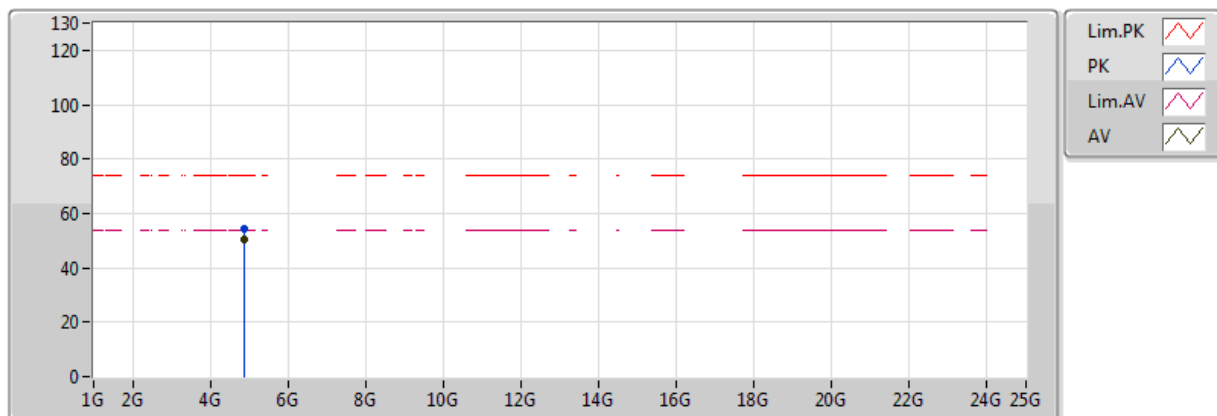


20170705  
EUT X1TX  
Setting 21  
02-Z-1  
FSU(100015)  
ANT Dipole Skynet-SD

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.824G   | 53.97         | 54.00         | -0.03      | 8.08       | 3       | H         | 359        | 1.59      | -        |
| PK   | 4.82397G | 57.65         | 74.00         | -16.35     | 8.08       | 3       | H         | 359        | 1.59      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

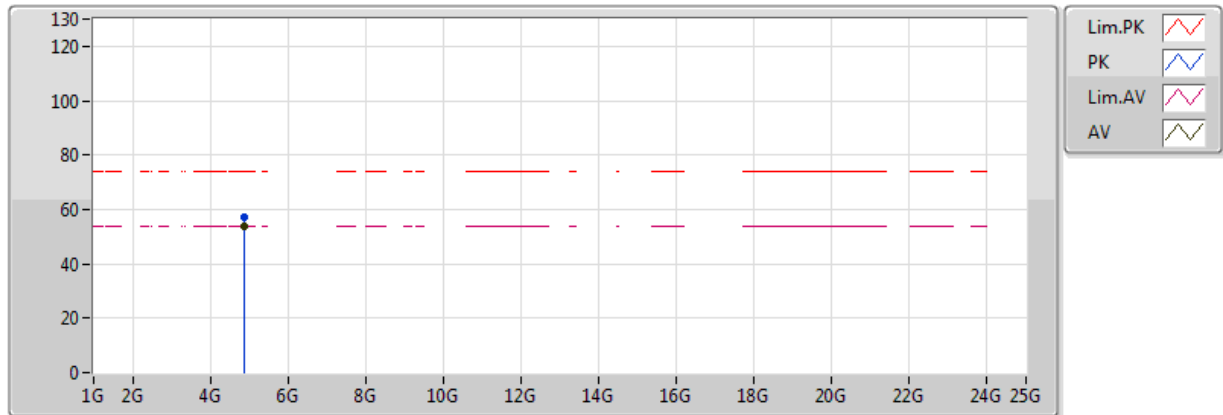


20170705  
EUT X1TX  
Setting 20  
02-Z-1  
FSU(100015)  
ANT Dipole Skynet-SD

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87403G | 50.40         | 54.00         | -3.60      | 8.24       | 3       | V         | 267        | 1.97      | -        |
| PK   | 4.87394G | 54.50         | 74.00         | -19.50     | 8.24       | 3       | V         | 267        | 1.97      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

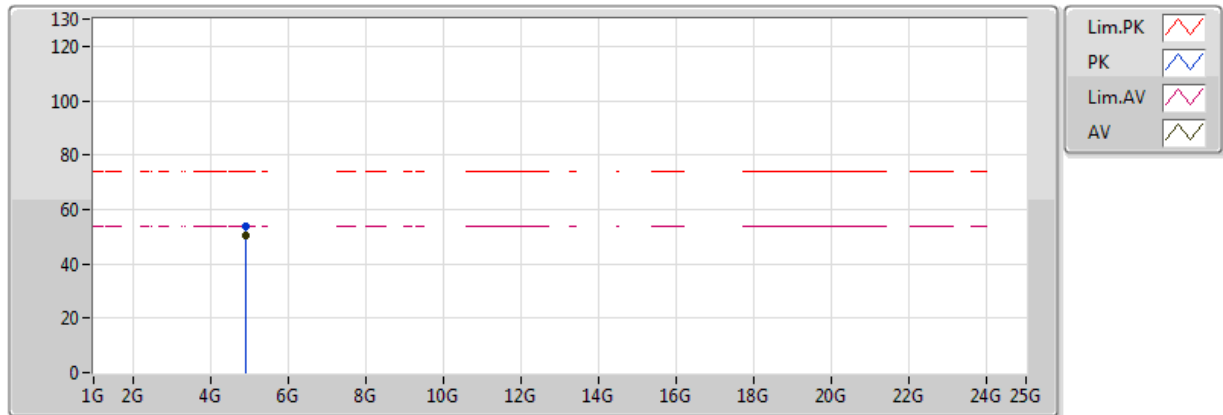


20170705  
EUT X1TX  
Setting 20  
02-Z-1  
FSU(100015)  
ANT Dipole Skynet-SD

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87403G | 53.93         | 54.00         | -0.07      | 8.24       | 3       | H         | 359        | 1.93      | -        |
| PK   | 4.87398G | 57.10         | 74.00         | -16.90     | 8.24       | 3       | H         | 359        | 1.93      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

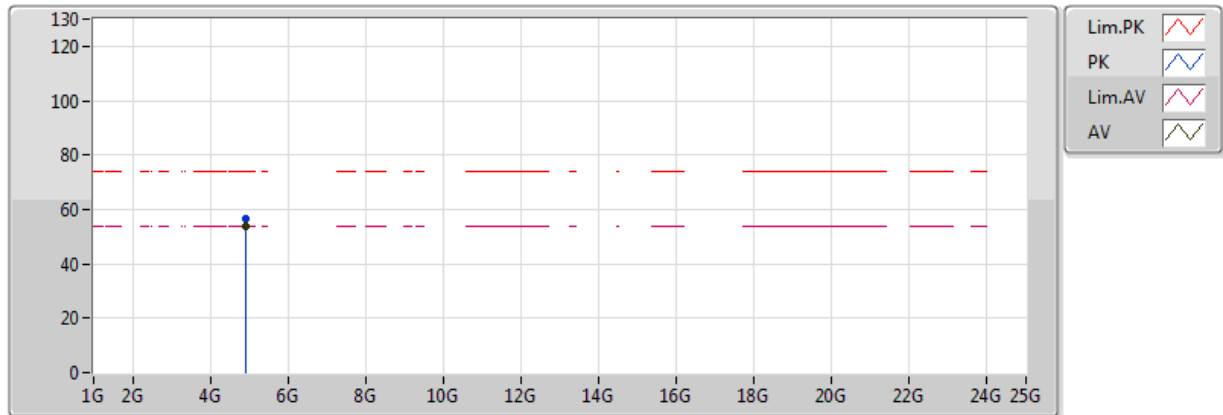


20170705  
EUT X1TX  
Setting 15.5  
02-Z-1  
FSU(100015)  
ANT Dipole Skynet-SD

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92402G | 50.23         | 54.00         | -3.77      | 8.39       | 3       | V         | 62         | 1.69      | -        |
| PK   | 4.92406G | 53.68         | 74.00         | -20.32     | 8.39       | 3       | V         | 62         | 1.69      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX



20170705  
EUT X1TX  
Setting 15.5  
02-Z-1  
FSU(100015)  
ANT Dipole Skynet-SD

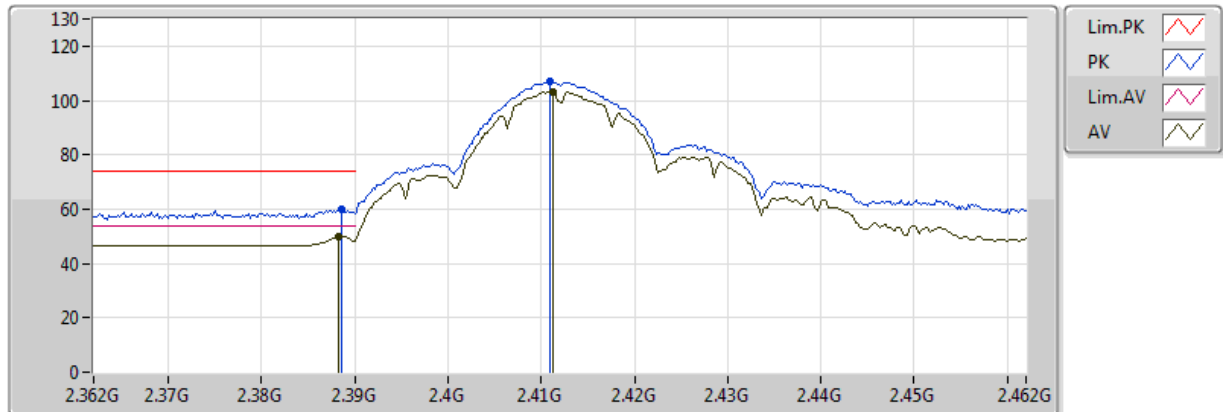
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92403G | 53.97         | 54.00         | -0.03      | 8.39       | 3       | H         | 355        | 1.83      | -        |
| PK   | 4.92405G | 56.82         | 74.00         | -17.18     | 8.39       | 3       | H         | 355        | 1.83      | -        |

**Band Edge Emission Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz                  | Pass   | AV   | 2.483502G    | 53.96             | 54.00             | -0.04          | 32.22          | 3           | H             | 31             | 1.46          | -        |

### 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

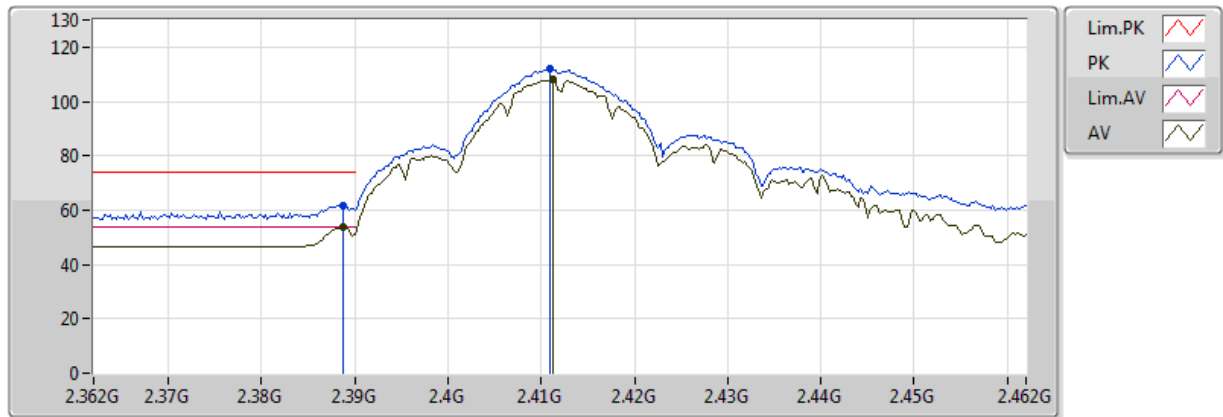


20170628  
EUT X\_1TX  
Setting 26.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3882G  | 49.87         | 54.00         | -4.13      | 31.93      | 3       | V         | 56         | 1.99      | -        |
| AV   | 2.4112G  | 103.24        | Inf           | -Inf       | 32.00      | 3       | V         | 56         | 1.99      | -        |
| PK   | 2.3886G  | 59.80         | 74.00         | -14.20     | 31.93      | 3       | V         | 56         | 1.99      | -        |
| PK   | 2.411G   | 107.06        | Inf           | -Inf       | 32.00      | 3       | V         | 56         | 1.99      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

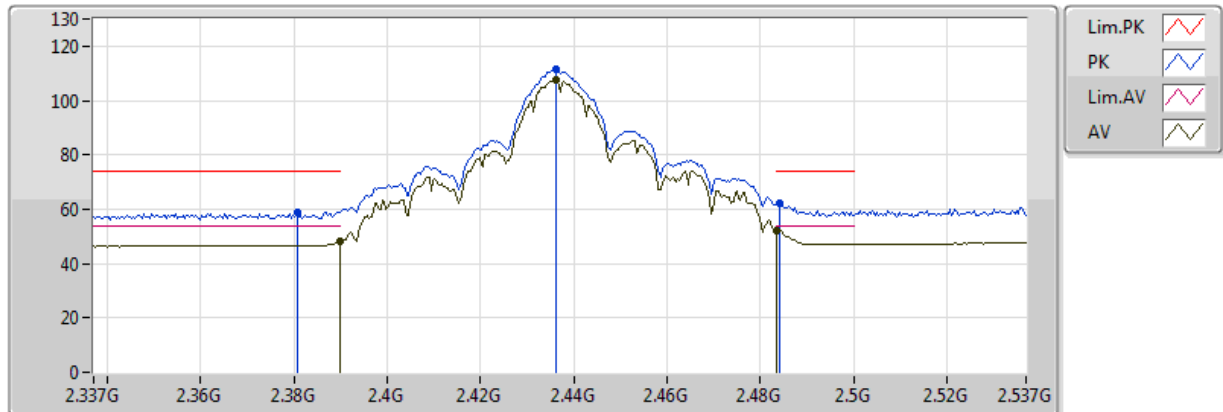


20170628  
EUT X\_1TX  
Setting 26.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3888G  | 53.77         | 54.00         | -0.23      | 31.94      | 3       | H         | 126        | 1.90      | -        |
| AV   | 2.4112G  | 108.25        | Inf           | -Inf       | 32.00      | 3       | H         | 126        | 1.90      | -        |
| PK   | 2.3888G  | 61.72         | 74.00         | -12.28     | 31.94      | 3       | H         | 126        | 1.90      | -        |
| PK   | 2.411G   | 111.85        | Inf           | -Inf       | 32.00      | 3       | H         | 126        | 1.90      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

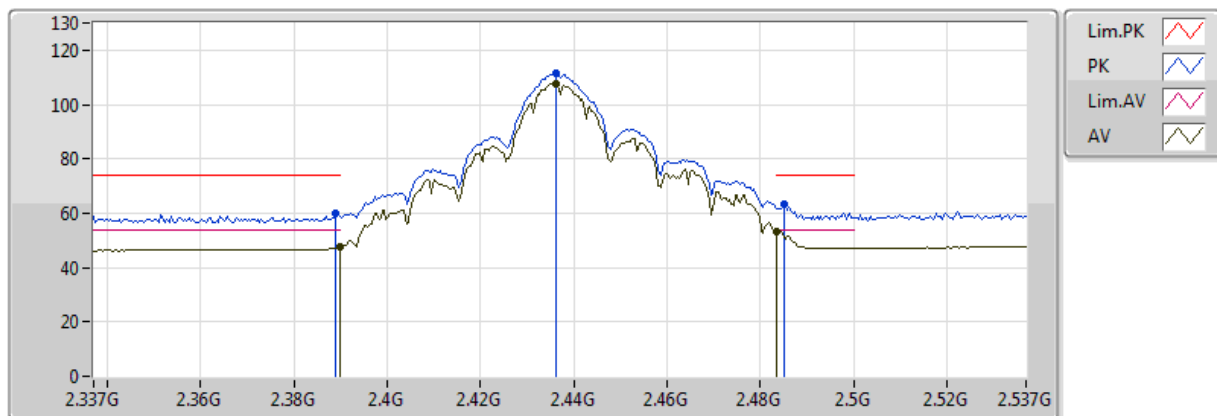


20170628  
EUT X\_1TX  
Setting 29.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.93         | 54.00         | -6.07      | 31.94      | 3       | V         | 316        | 1.99      | -        |
| AV   | 2.4362G   | 107.62        | Inf           | -Inf       | 32.08      | 3       | V         | 316        | 1.99      | -        |
| AV   | 2.483502G | 52.30         | 54.00         | -1.70      | 32.22      | 3       | V         | 316        | 1.99      | -        |
| PK   | 2.3806G   | 58.97         | 74.00         | -15.03     | 31.91      | 3       | V         | 316        | 1.99      | -        |
| PK   | 2.4362G   | 111.27        | Inf           | -Inf       | 32.08      | 3       | V         | 316        | 1.99      | -        |
| PK   | 2.4842G   | 62.11         | 74.00         | -11.89     | 32.22      | 3       | V         | 316        | 1.99      | -        |

## 802.11b\_(1Mbps)\_1TX

## 2437MHz\_TX

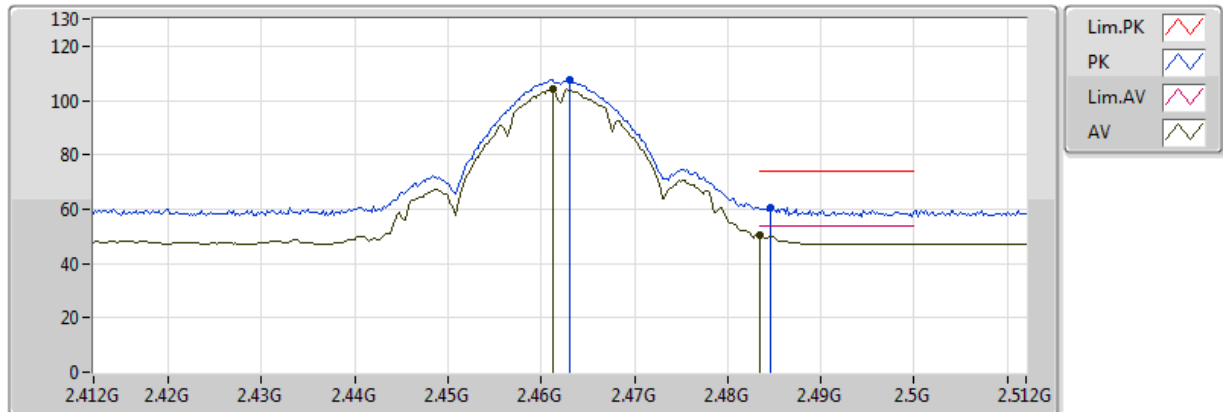


20170628  
EUT X\_1TX  
Setting 29.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.64         | 54.00         | -6.36      | 31.94      | 3       | H         | 26         | 1.53      | -        |
| AV   | 2.4362G   | 107.82        | Inf           | -Inf       | 32.08      | 3       | H         | 26         | 1.53      | -        |
| AV   | 2.483502G | 53.28         | 54.00         | -0.72      | 32.22      | 3       | H         | 26         | 1.53      | -        |
| PK   | 2.389G    | 59.88         | 74.00         | -14.12     | 31.94      | 3       | H         | 26         | 1.53      | -        |
| PK   | 2.4362G   | 111.53        | Inf           | -Inf       | 32.08      | 3       | H         | 26         | 1.53      | -        |
| PK   | 2.485G    | 63.06         | 74.00         | -10.94     | 32.23      | 3       | H         | 26         | 1.53      | -        |

### 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

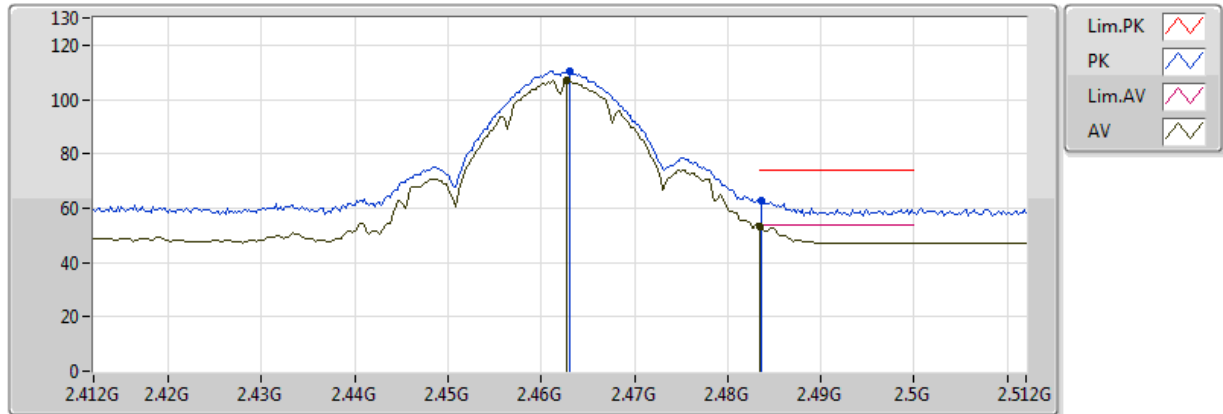


20170628  
EUT X\_1TX  
Setting 21.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4612G   | 103.99        | Inf           | -Inf       | 32.15      | 3       | V         | 207        | 1.92      | -        |
| AV   | 2.483502G | 50.47         | 54.00         | -3.53      | 32.22      | 3       | V         | 207        | 1.92      | -        |
| PK   | 2.463G    | 107.63        | Inf           | -Inf       | 32.16      | 3       | V         | 207        | 1.92      | -        |
| PK   | 2.4846G   | 60.46         | 74.00         | -13.54     | 32.22      | 3       | V         | 207        | 1.92      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

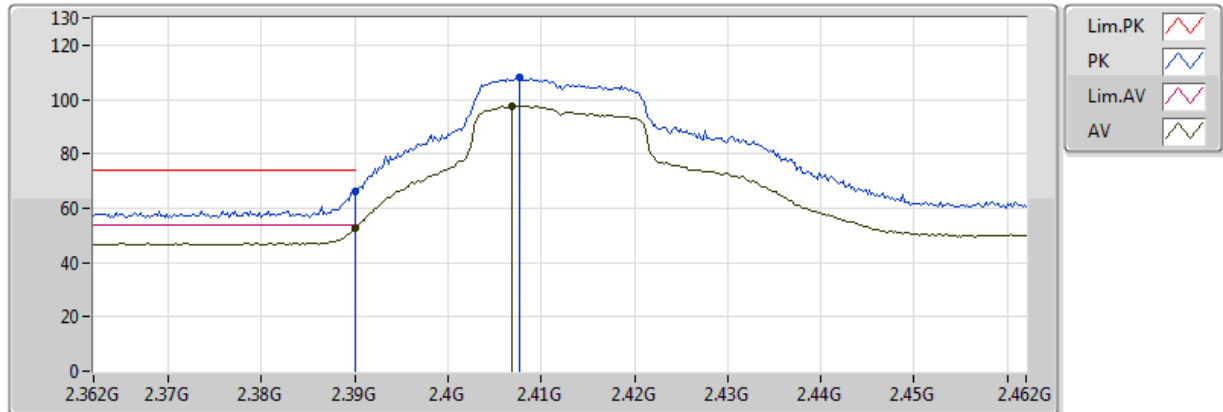


20170628  
EUT X\_1TX  
Setting 21.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4628G   | 106.93        | Inf           | -Inf       | 32.16      | 3       | H         | 35         | 1.20      | -        |
| AV   | 2.483502G | 53.36         | 54.00         | -0.64      | 32.22      | 3       | H         | 35         | 1.20      | -        |
| PK   | 2.463G    | 110.58        | Inf           | -Inf       | 32.16      | 3       | H         | 35         | 1.20      | -        |
| PK   | 2.4836G   | 62.64         | 74.00         | -11.36     | 32.22      | 3       | H         | 35         | 1.20      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

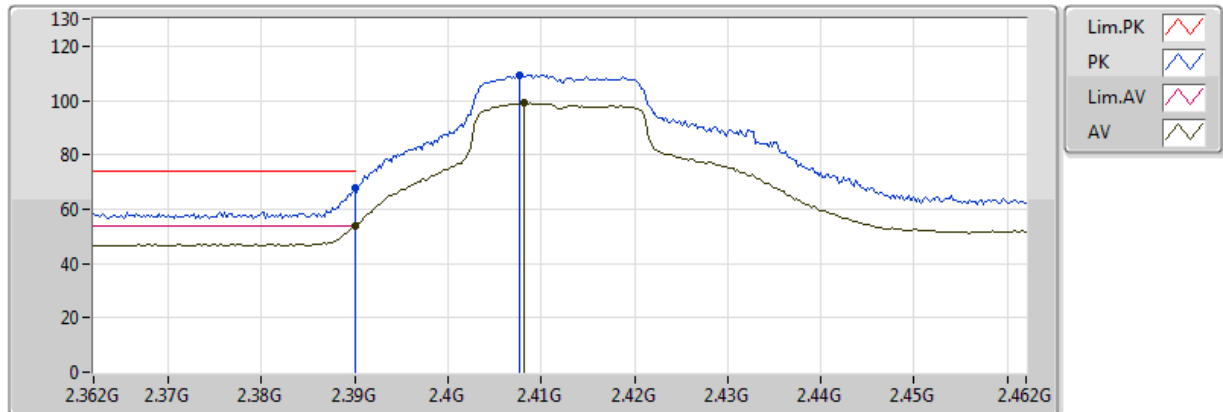


20170628  
EUT X\_1TX  
Setting 20.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 52.42         | 54.00         | -1.58      | 31.94      | 3       | V         | 316        | 1.88      | -        |
| AV   | 2.4068G  | 97.66         | Inf           | -Inf       | 31.99      | 3       | V         | 316        | 1.88      | -        |
| PK   | 2.39G    | 66.21         | 74.00         | -7.79      | 31.94      | 3       | V         | 316        | 1.88      | -        |
| PK   | 2.4076G  | 108.14        | Inf           | -Inf       | 31.99      | 3       | V         | 316        | 1.88      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

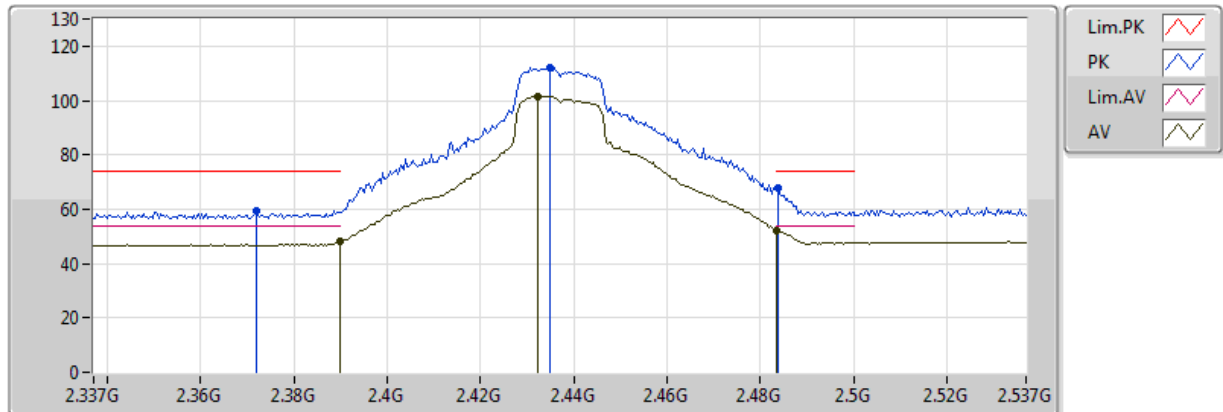


20170628  
EUT X\_1TX  
Setting 20.5  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.63         | 54.00         | -0.37      | 31.94      | 3       | H         | 318        | 1.00      | -        |
| AV   | 2.4082G  | 98.95         | Inf           | -Inf       | 31.99      | 3       | H         | 318        | 1.00      | -        |
| PK   | 2.39G    | 67.71         | 74.00         | -6.29      | 31.94      | 3       | H         | 318        | 1.00      | -        |
| PK   | 2.4076G  | 109.47        | Inf           | -Inf       | 31.99      | 3       | H         | 318        | 1.00      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

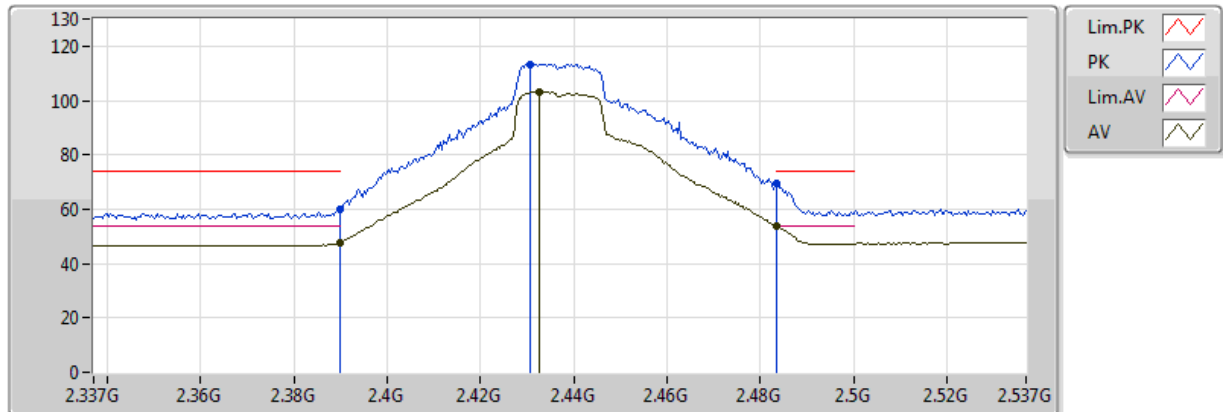


20170628  
EUT X\_1TX  
Setting 25  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.96         | 54.00         | -6.04      | 31.94      | 3       | V         | 319        | 1.98      | -        |
| AV   | 2.4322G   | 101.60        | Inf           | -Inf       | 32.07      | 3       | V         | 319        | 1.98      | -        |
| AV   | 2.483502G | 52.19         | 54.00         | -1.81      | 32.22      | 3       | V         | 319        | 1.98      | -        |
| PK   | 2.3718G   | 59.14         | 74.00         | -14.86     | 31.88      | 3       | V         | 319        | 1.98      | -        |
| PK   | 2.435G    | 112.18        | Inf           | -Inf       | 32.08      | 3       | V         | 319        | 1.98      | -        |
| PK   | 2.4838G   | 67.55         | 74.00         | -6.45      | 32.22      | 3       | V         | 319        | 1.98      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

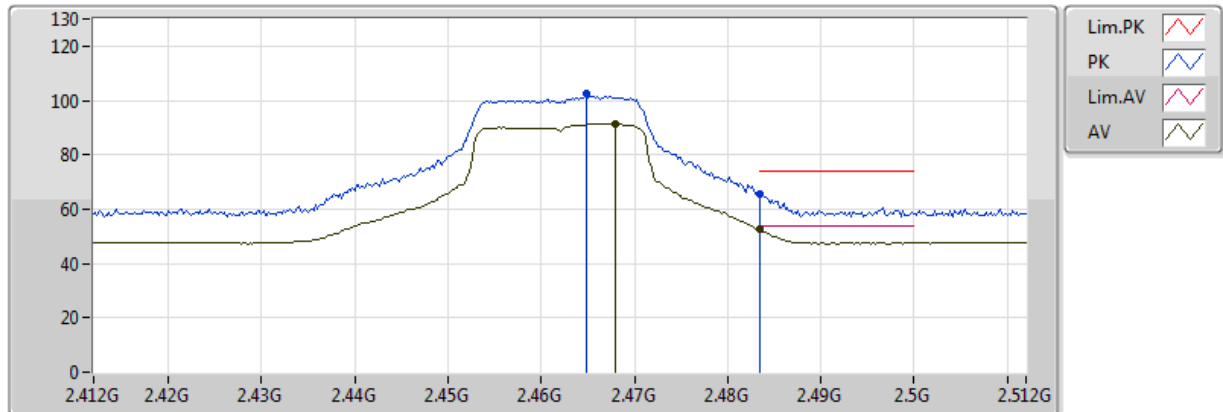


20170628  
EUT X\_1TX  
Setting 25  
02-R-1  
FSU  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.78         | 54.00         | -6.22      | 31.94      | 3       | H         | 29         | 1.04      | -        |
| AV   | 2.4326G   | 103.05        | Inf           | -Inf       | 32.07      | 3       | H         | 29         | 1.04      | -        |
| AV   | 2.483502G | 53.60         | 54.00         | -0.40      | 32.22      | 3       | H         | 29         | 1.04      | -        |
| PK   | 2.389998G | 60.08         | 74.00         | -13.92     | 31.94      | 3       | H         | 29         | 1.04      | -        |
| PK   | 2.4306G   | 113.39        | Inf           | -Inf       | 32.06      | 3       | H         | 29         | 1.04      | -        |
| PK   | 2.483502G | 69.66         | 74.00         | -4.34      | 32.22      | 3       | H         | 29         | 1.04      | -        |

# **802.11ac VHT20\_Nss1,(MCS0)\_1TX**

## **2462MHz\_TX**

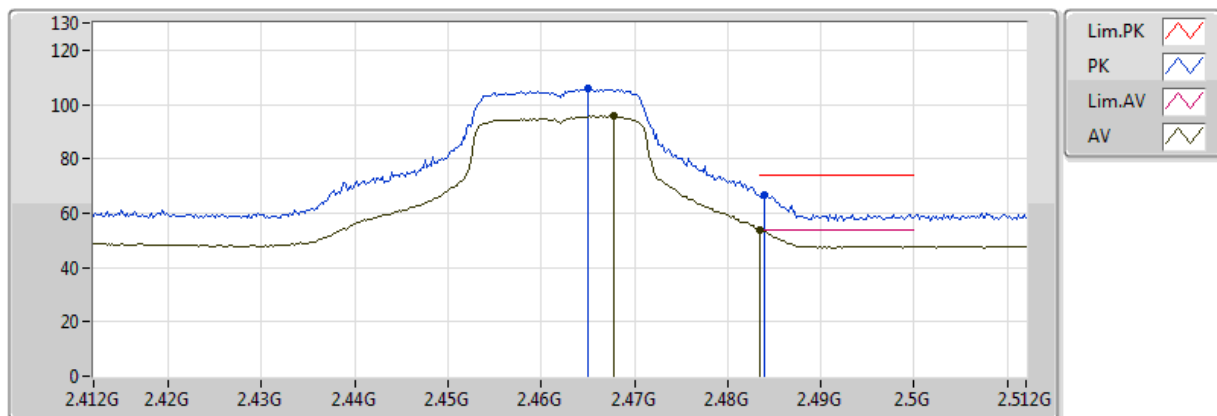


20170628  
 EUT X\_1TX  
 Setting 15.5  
 02-Z-1  
 FSU(100015)  
 Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.468G    | 91.59         | Inf           | -Inf       | 32.17      | 3       | V         | 190        | 2.62      | -        |
| AV   | 2.483502G | 52.43         | 54.00         | -1.57      | 32.22      | 3       | V         | 190        | 2.62      | -        |
| PK   | 2.4648G   | 102.76        | Inf           | -Inf       | 32.16      | 3       | V         | 190        | 2.62      | -        |
| PK   | 2.483502G | 65.50         | 74.00         | -8.50      | 32.22      | 3       | V         | 190        | 2.62      | -        |

# **802.11ac VHT20\_Nss1,(MCS0)\_1TX**

## **2462MHz\_TX**

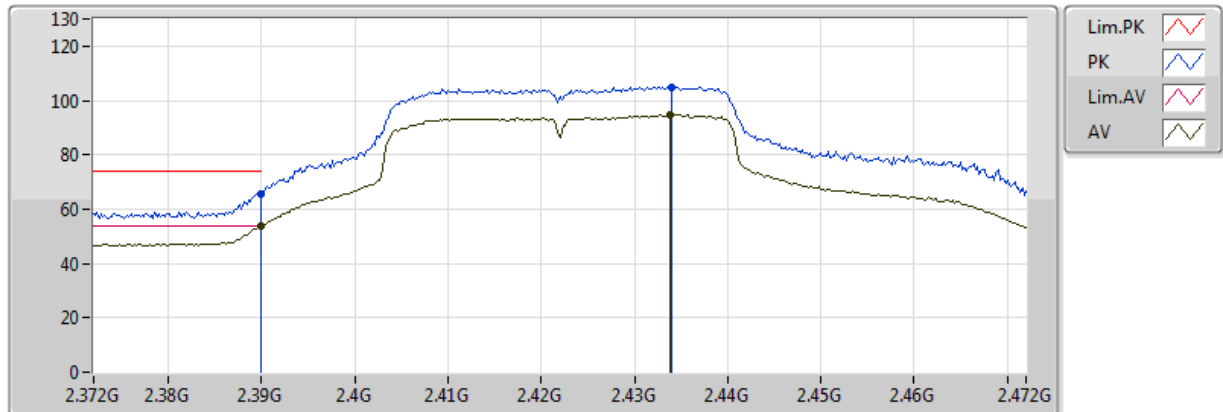


20170628  
EUT X\_1TX  
Setting 15.5  
02-Z-1  
FSU(100015)  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4678G   | 95.67         | Inf           | -Inf       | 32.17      | 3       | H         | 327        | 1.01      | -        |
| AV   | 2.483502G | 53.80         | 54.00         | -0.20      | 32.22      | 3       | H         | 327        | 1.01      | -        |
| PK   | 2.465G    | 105.93        | Inf           | -Inf       | 32.16      | 3       | H         | 327        | 1.01      | -        |
| PK   | 2.484G    | 66.77         | 74.00         | -7.23      | 32.22      | 3       | H         | 327        | 1.01      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

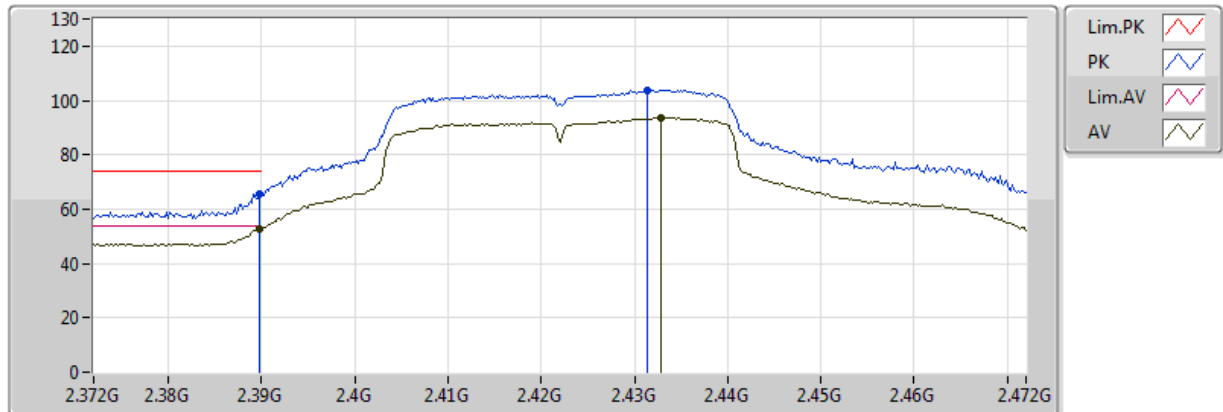


20170628  
EUT X\_1TX  
Setting 17  
02-Z-1  
FSU(100015)  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389999G | 53.76         | 54.00         | -0.24      | 31.94      | 3       | V         | 319        | 2.59      | -        |
| AV   | 2.4338G   | 94.69         | Inf           | -Inf       | 32.07      | 3       | V         | 319        | 2.59      | -        |
| PK   | 2.389999G | 65.51         | 74.00         | -8.49      | 31.94      | 3       | V         | 319        | 2.59      | -        |
| PK   | 2.434G    | 105.03        | Inf           | -Inf       | 32.07      | 3       | V         | 319        | 2.59      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

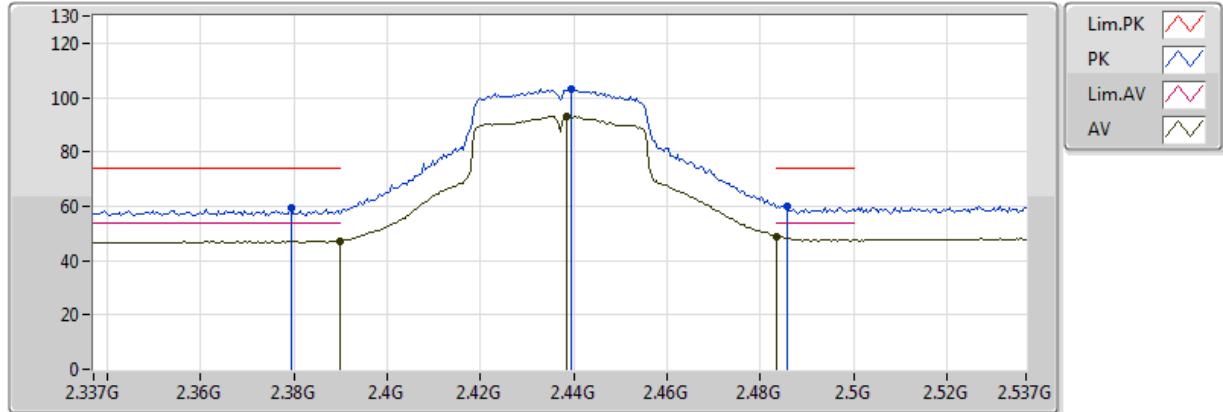


20170628  
EUT X\_1TX  
Setting 17  
02-Z-1  
FSU(100015)  
Scan Radio

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3898G  | 52.95         | 54.00         | -1.05      | 31.94      | 3       | H         | 26         | 1.50      | -        |
| AV   | 2.4328G  | 93.73         | Inf           | -Inf       | 32.07      | 3       | H         | 26         | 1.50      | -        |
| PK   | 2.3898G  | 65.76         | 74.00         | -8.24      | 31.94      | 3       | H         | 26         | 1.50      | -        |
| PK   | 2.4314G  | 103.84        | Inf           | -Inf       | 32.06      | 3       | H         | 26         | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

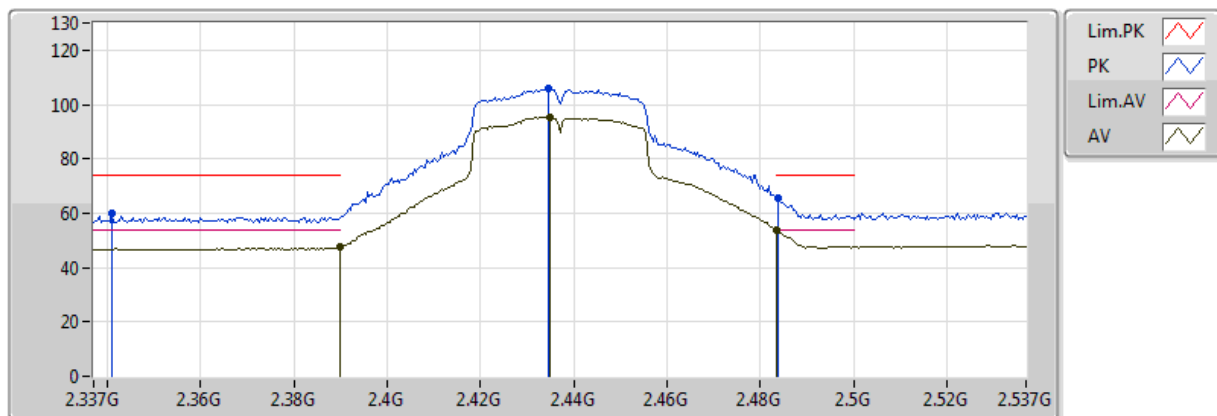


20170628  
EUT X\_1TX  
Setting 19.5  
02-Z-1  
FSU(100015)  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.10         | 54.00         | -6.90      | 31.94      | 3       | V         | 337        | 2.62      | -        |
| AV   | 2.4386G   | 92.91         | Inf           | -Inf       | 32.09      | 3       | V         | 337        | 2.62      | -        |
| AV   | 2.483502G | 48.92         | 54.00         | -5.08      | 32.22      | 3       | V         | 337        | 2.62      | -        |
| PK   | 2.3794G   | 59.17         | 74.00         | -14.83     | 31.91      | 3       | V         | 337        | 2.62      | -        |
| PK   | 2.4394G   | 103.20        | Inf           | -Inf       | 32.09      | 3       | V         | 337        | 2.62      | -        |
| PK   | 2.4858G   | 60.01         | 74.00         | -13.99     | 32.23      | 3       | V         | 337        | 2.62      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

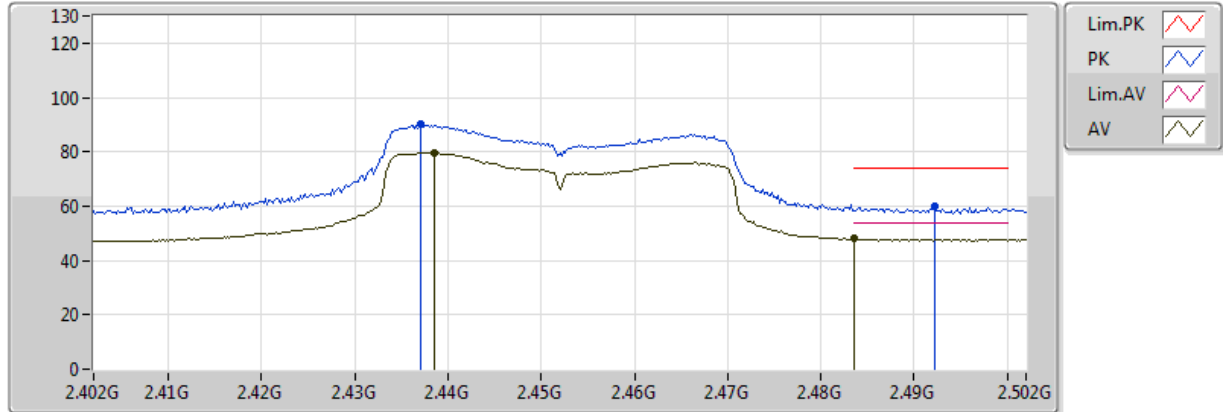


20170628  
EUT X\_1TX  
Setting 19.5  
02-Z-1  
FSU(100015)  
Scan Radio

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.63         | 54.00         | -6.37      | 31.94      | 3       | H         | 31         | 1.46      | -        |
| AV   | 2.435G    | 95.42         | Inf           | -Inf       | 32.08      | 3       | H         | 31         | 1.46      | -        |
| AV   | 2.483502G | 53.96         | 54.00         | -0.04      | 32.22      | 3       | H         | 31         | 1.46      | -        |
| PK   | 2.341G    | 59.73         | 74.00         | -14.27     | 31.79      | 3       | H         | 31         | 1.46      | -        |
| PK   | 2.4346G   | 105.64        | Inf           | -Inf       | 32.07      | 3       | H         | 31         | 1.46      | -        |
| PK   | 2.4838G   | 65.70         | 74.00         | -8.30      | 32.22      | 3       | H         | 31         | 1.46      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

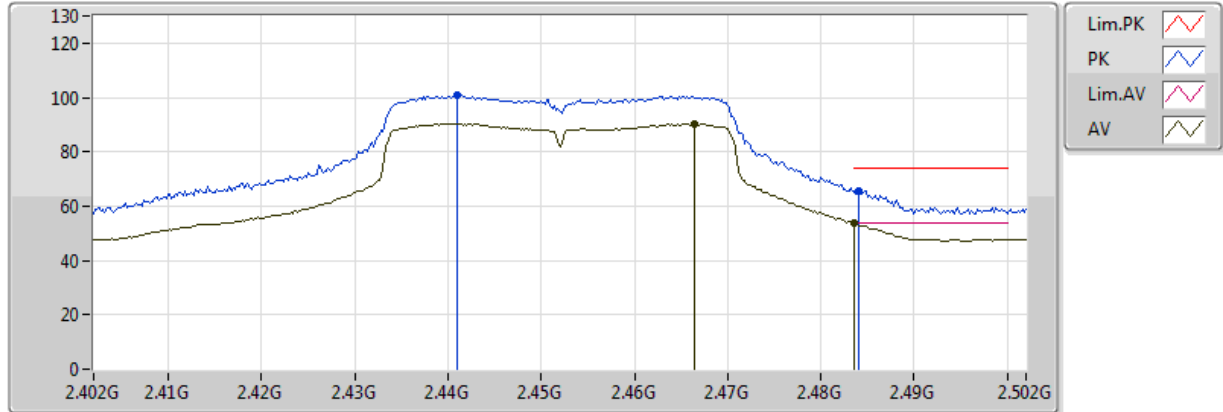


20170628  
EUT X\_1TX  
Setting 13.5  
02-Z-1  
FSU(100015)  
Scan Radio

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4386G  | 79.67         | Inf           | -Inf       | 32.09      | 3       | V         | 74         | 2.39      | -        |
| AV   | 2.4836G  | 48.20         | 54.00         | -5.80      | 32.22      | 3       | V         | 74         | 2.39      | -        |
| PK   | 2.437G   | 89.95         | Inf           | -Inf       | 32.08      | 3       | V         | 74         | 2.39      | -        |
| PK   | 2.4922G  | 59.98         | 74.00         | -14.02     | 32.25      | 3       | V         | 74         | 2.39      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX



20170628  
EUT X\_1TX  
Setting 13.5  
02-Z-1  
FSU(100015)  
Scan Radio

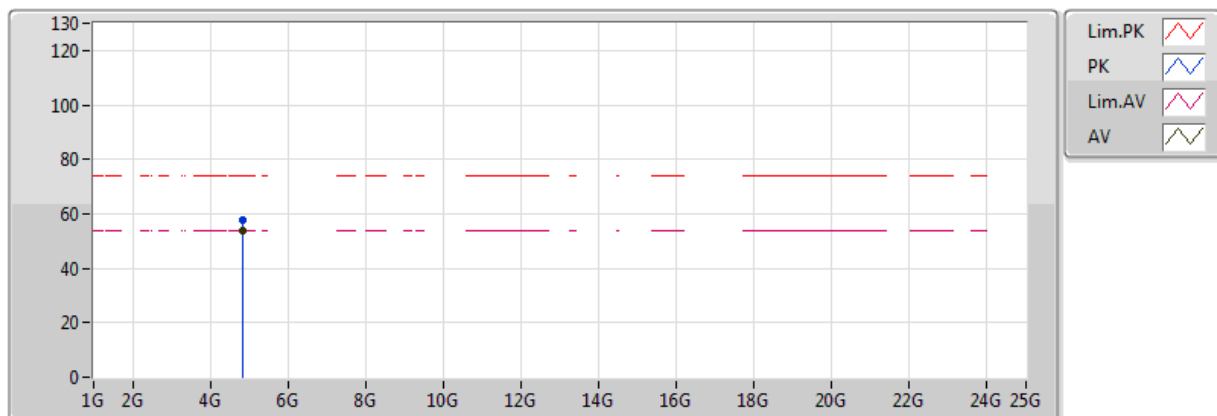
| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4664G   | 90.41         | Inf           | -Inf       | 32.17      | 3       | H         | 312        | 1.04      | -        |
| AV   | 2.483502G | 53.62         | 54.00         | -0.38      | 32.22      | 3       | H         | 312        | 1.04      | -        |
| PK   | 2.441G    | 101.02        | Inf           | -Inf       | 32.09      | 3       | H         | 312        | 1.04      | -        |
| PK   | 2.484G    | 65.81         | 74.00         | -8.19      | 32.22      | 3       | H         | 312        | 1.04      | -        |

**For Set 3 antennas / 1TX:****Harmonic Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz                  | Pass   | AV   | 4.9298G      | 53.91             | 54.00             | -0.09          | 8.41           | 3           | H             | 99             | 1.49          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

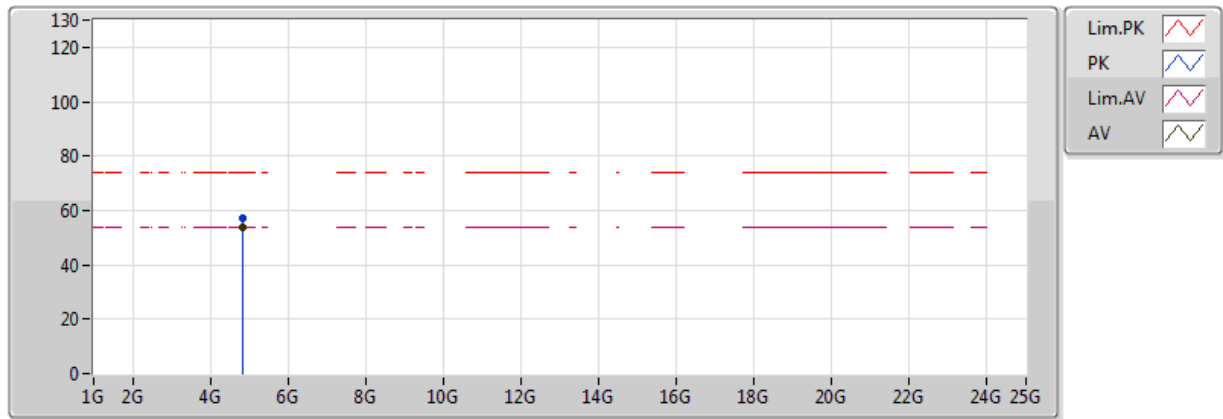


20170705  
EUT X1TX  
Setting 20  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82402G | 53.69         | 54.00         | -0.31      | 8.08       | 3       | V         | 164        | 1.28      | -        |
| PK   | 4.824G   | 57.67         | 74.00         | -16.33     | 8.08       | 3       | V         | 164        | 1.28      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

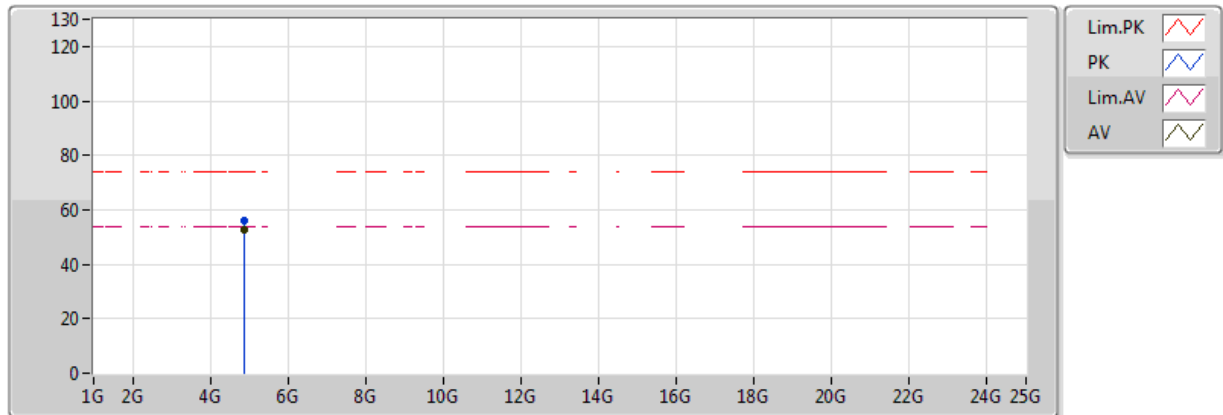


20170705  
EUT X1TX  
Setting 20  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82402G | 53.85         | 54.00         | -0.15      | 8.08       | 3       | H         | 151        | 1.88      | -        |
| PK   | 4.82408G | 57.16         | 74.00         | -16.84     | 8.08       | 3       | H         | 151        | 1.88      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

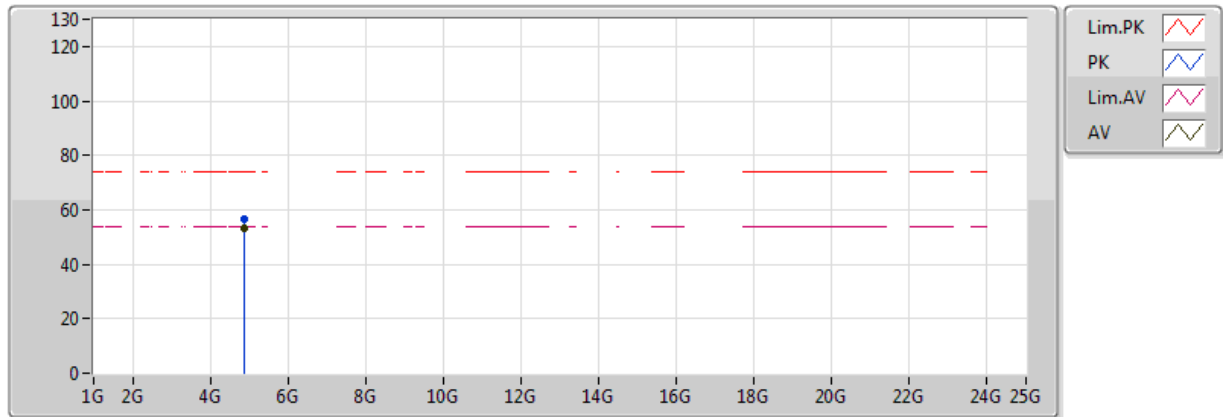


20170705  
EUT X1TX  
Setting 18  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87404G | 52.53         | 54.00         | -1.47      | 8.24       | 3       | V         | 149        | 1.37      | -        |
| PK   | 4.87409G | 55.77         | 74.00         | -18.23     | 8.24       | 3       | V         | 149        | 1.37      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

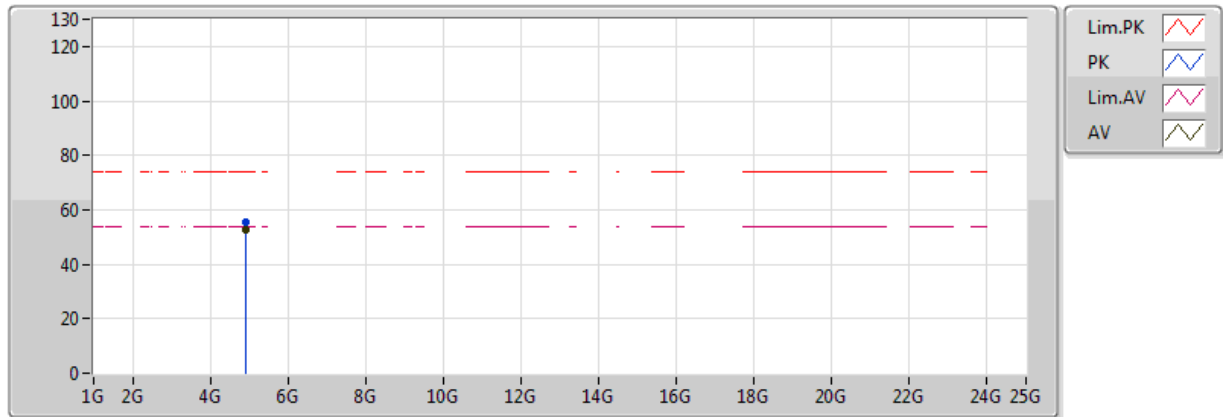


20170705  
EUT X1TX  
Setting 18  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87404G | 53.39         | 54.00         | -0.61      | 8.24       | 3       | H         | 121        | 2.98      | -        |
| PK   | 4.87401G | 56.56         | 74.00         | -17.44     | 8.24       | 3       | H         | 121        | 2.98      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

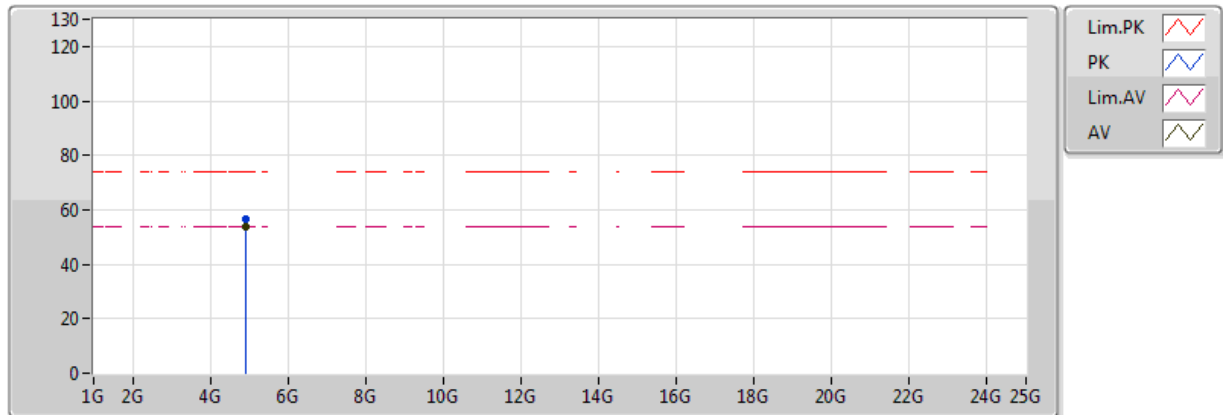


20170705  
EUT X1TX  
Setting 16  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92401G | 52.69         | 54.00         | -1.31      | 8.39       | 3       | V         | 141        | 1.30      | -        |
| PK   | 4.92396G | 55.75         | 74.00         | -18.25     | 8.39       | 3       | V         | 141        | 1.30      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

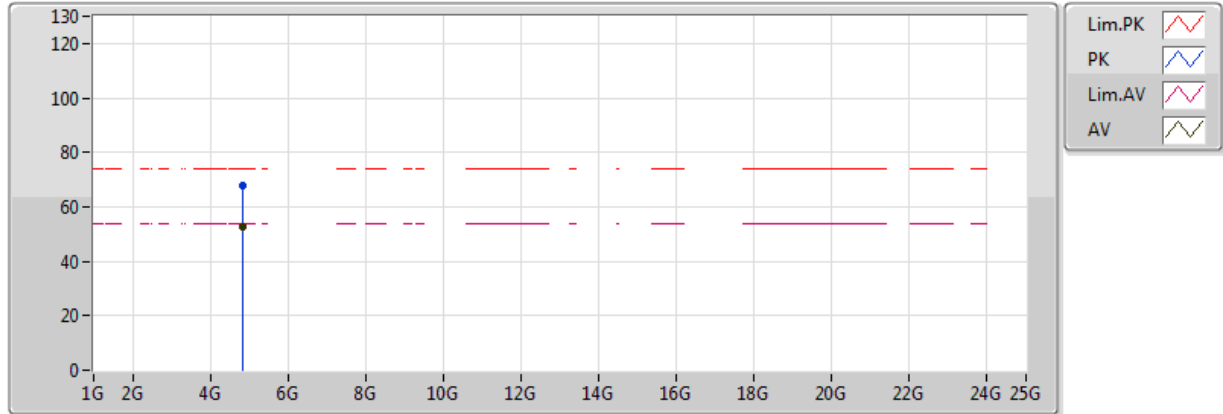


20170705  
EUT X1TX  
Setting 16  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92403G | 53.70         | 54.00         | -0.30      | 8.39       | 3       | H         | 97         | 1.63      | -        |
| PK   | 4.924G   | 56.51         | 74.00         | -17.49     | 8.39       | 3       | H         | 97         | 1.63      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

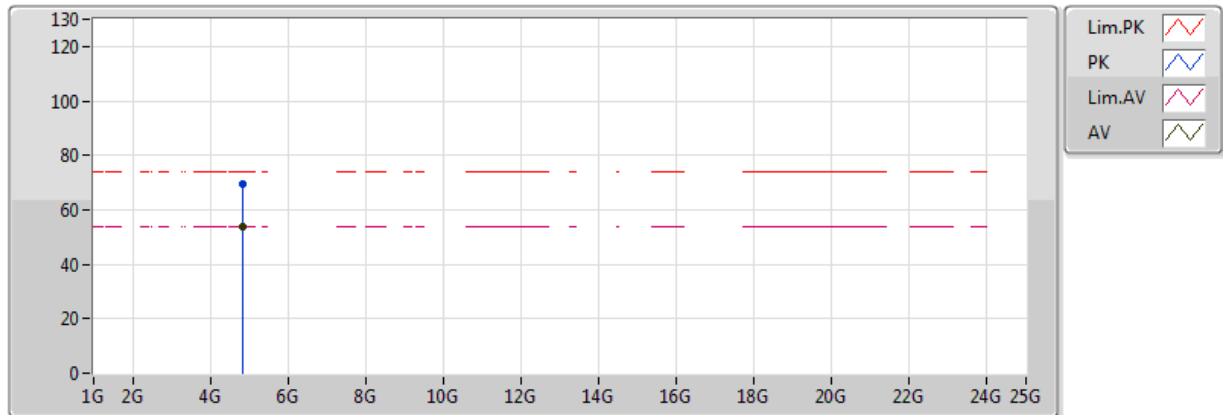


20170705  
EUT X1TX  
Setting 27  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82788G | 52.91         | 54.00         | -1.09      | 8.10       | 3       | V         | 148        | 1.26      | -        |
| PK   | 4.8296G  | 67.92         | 74.00         | -6.08      | 8.10       | 3       | V         | 148        | 1.26      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

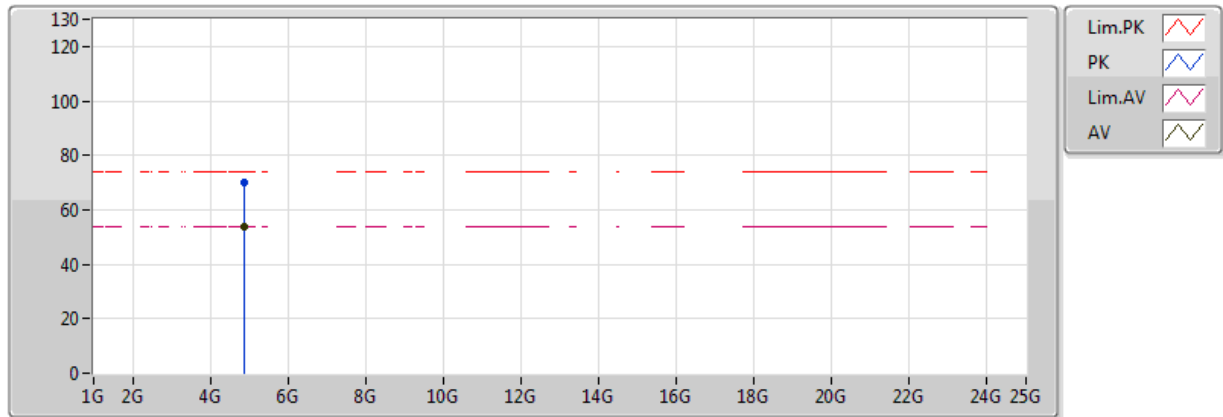


20170705  
EUT X1TX  
Setting 27  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82808G | 53.89         | 54.00         | -0.11      | 8.10       | 3       | H         | 151        | 1.83      | -        |
| PK   | 4.82696G | 69.41         | 74.00         | -4.59      | 8.09       | 3       | H         | 151        | 1.83      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

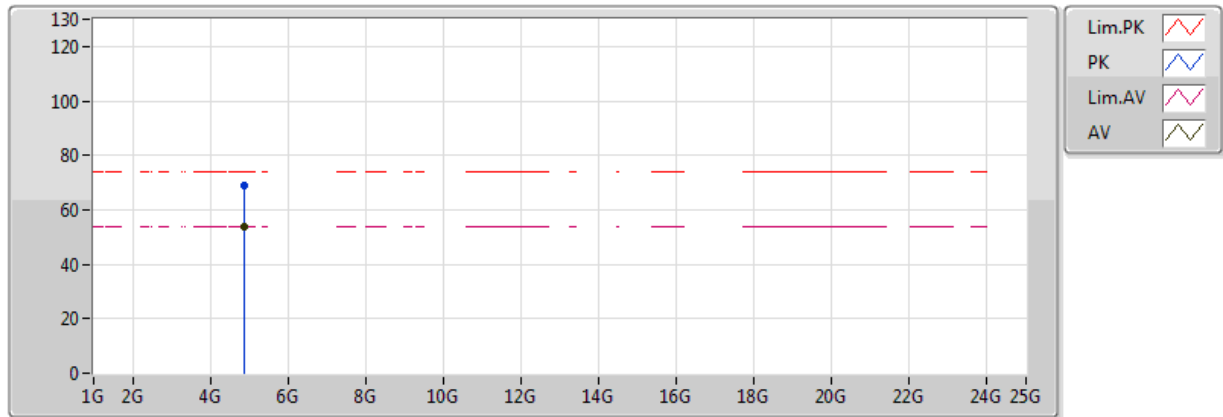


20170705  
EUT X1TX  
Setting 27  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87628G | 53.87         | 54.00         | -0.13      | 8.25       | 3       | V         | 140        | 1.37      | -        |
| PK   | 4.8794G  | 70.09         | 74.00         | -3.91      | 8.26       | 3       | V         | 140        | 1.37      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

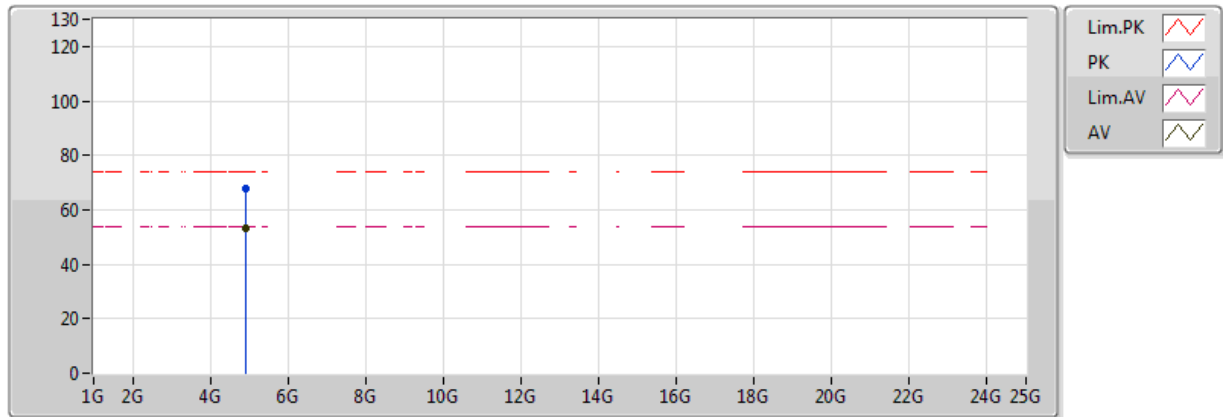


20170705  
EUT X1TX  
Setting 27  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87828G | 53.74         | 54.00         | -0.26      | 8.25       | 3       | H         | 123        | 1.50      | -        |
| PK   | 4.87968G | 68.98         | 74.00         | -5.02      | 8.26       | 3       | H         | 123        | 1.50      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

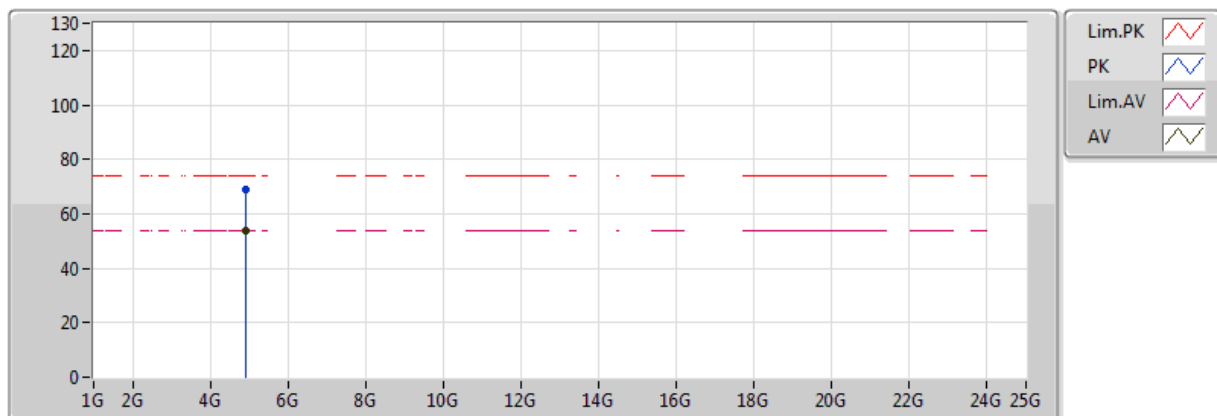


20170705  
EUT X1TX  
Setting 27  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92776G | 53.38         | 54.00         | -0.62      | 8.41       | 3       | V         | 147        | 1.36      | -        |
| PK   | 4.92956G | 67.95         | 74.00         | -6.05      | 8.41       | 3       | V         | 147        | 1.36      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

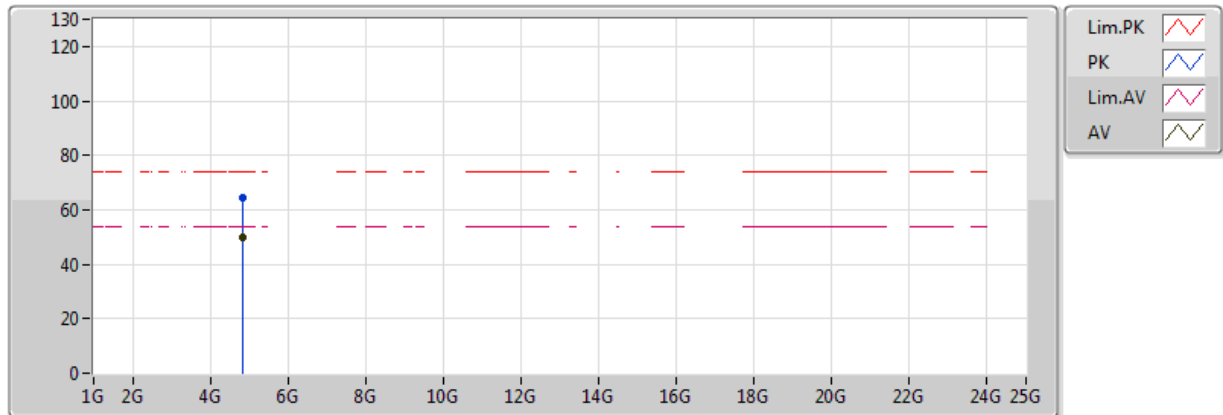


20170705  
EUT X1TX  
Setting 27  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.9298G  | 53.91         | 54.00         | -0.09      | 8.41       | 3       | H         | 99         | 1.49      | -        |
| PK   | 4.92972G | 69.08         | 74.00         | -4.92      | 8.41       | 3       | H         | 99         | 1.49      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

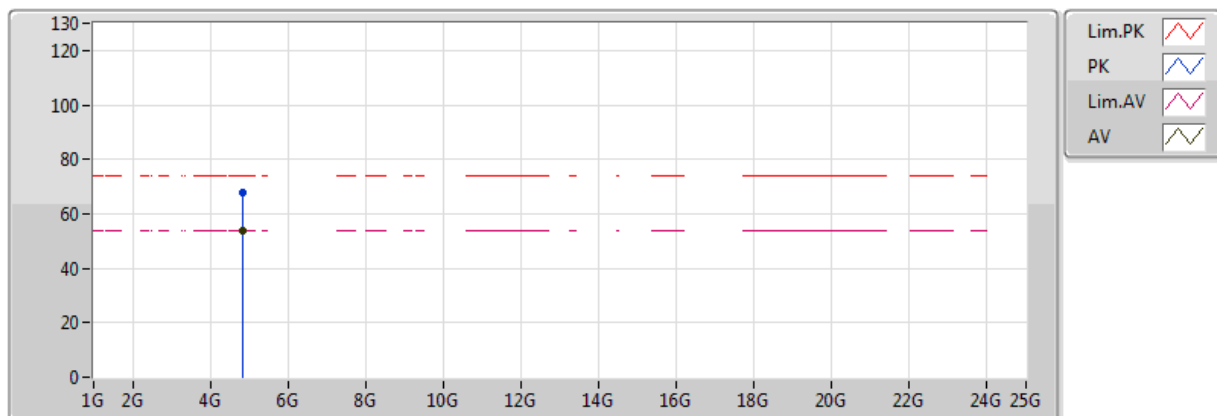


20170705  
EUT X1TX  
Setting 30  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.84348G | 50.06         | 54.00         | -3.94      | 8.14       | 3       | V         | 139        | 1.50      | -        |
| PK   | 4.84832G | 64.51         | 74.00         | -9.49      | 8.16       | 3       | V         | 139        | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

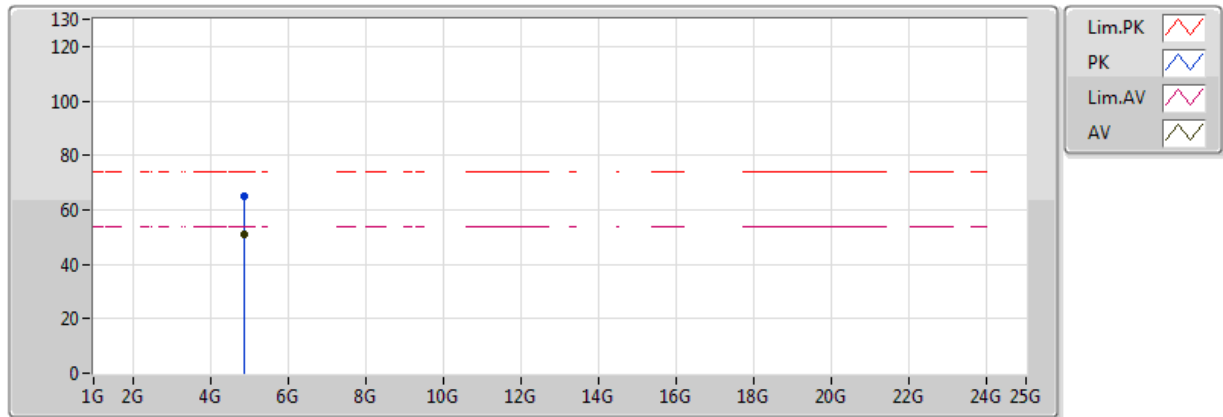


20170705  
EUT X1TX  
Setting 30  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.84536G | 53.87         | 54.00         | -0.13      | 8.15       | 3       | H         | 4          | 1.80      | -        |
| PK   | 4.84232G | 67.66         | 74.00         | -6.34      | 8.14       | 3       | H         | 4          | 1.80      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

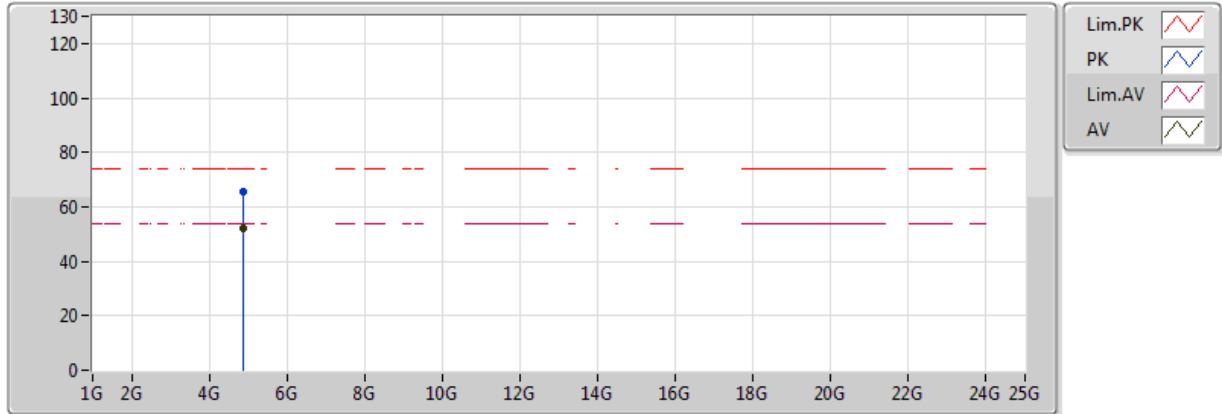


20170705  
EUT X1TX  
Setting 30  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.86868G | 50.90         | 54.00         | -3.10      | 8.22       | 3       | V         | 127        | 1.20      | -        |
| PK   | 4.8672G  | 65.08         | 74.00         | -8.92      | 8.22       | 3       | V         | 127        | 1.20      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

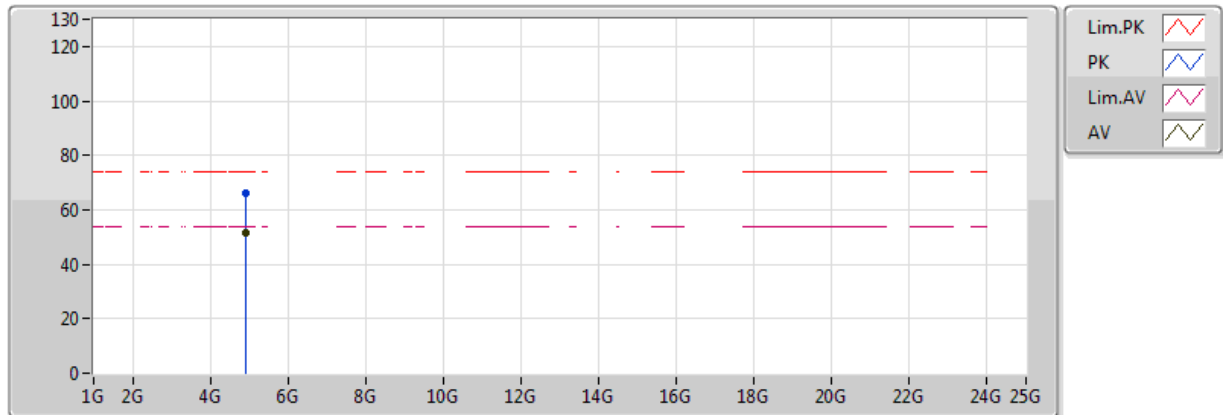


20170705  
EUT X1TX  
Setting 30  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87364G | 51.89         | 54.00         | -2.11      | 8.24       | 3       | H         | 122        | 1.50      | -        |
| PK   | 4.87396G | 65.64         | 74.00         | -8.36      | 8.24       | 3       | H         | 122        | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

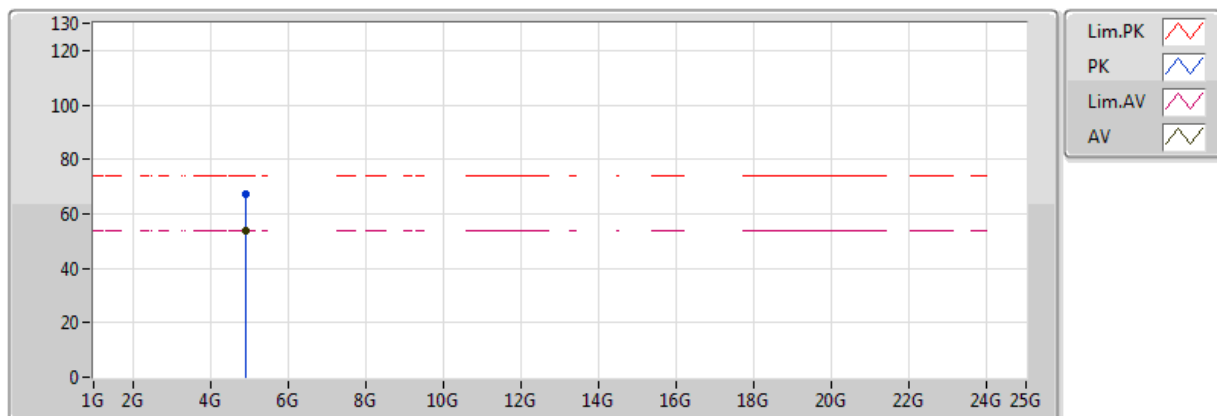


20170705  
EUT X1TX  
Setting 30  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.90092G | 51.81         | 54.00         | -2.19      | 8.32       | 3       | V         | 140        | 1.47      | -        |
| PK   | 4.901G   | 65.99         | 74.00         | -8.01      | 8.32       | 3       | V         | 140        | 1.47      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX



20170705  
EUT X1TX  
Setting 30  
02-Z-1  
FSU(100015)  
ANT Patch NP Non-TXBF

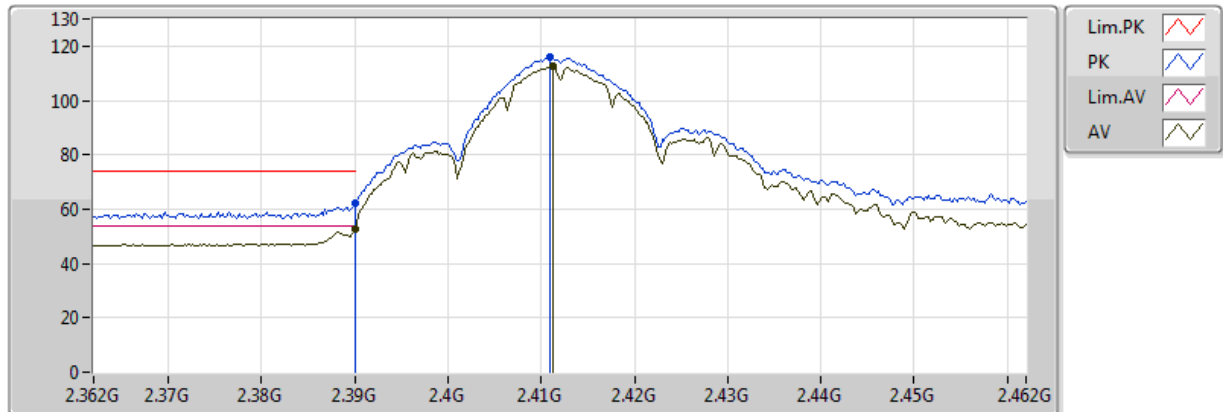
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.901G   | 53.87         | 54.00         | -0.13      | 8.32       | 3       | H         | 358        | 1.69      | -        |
| PK   | 4.89968G | 67.46         | 74.00         | -6.54      | 8.32       | 3       | H         | 358        | 1.69      | -        |

**Band Edge Emission Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz                  | Pass   | AV   | 2.4836G      | 53.93             | 54.00             | -0.07          | 32.22          | 3           | H             | 82             | 1.60          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

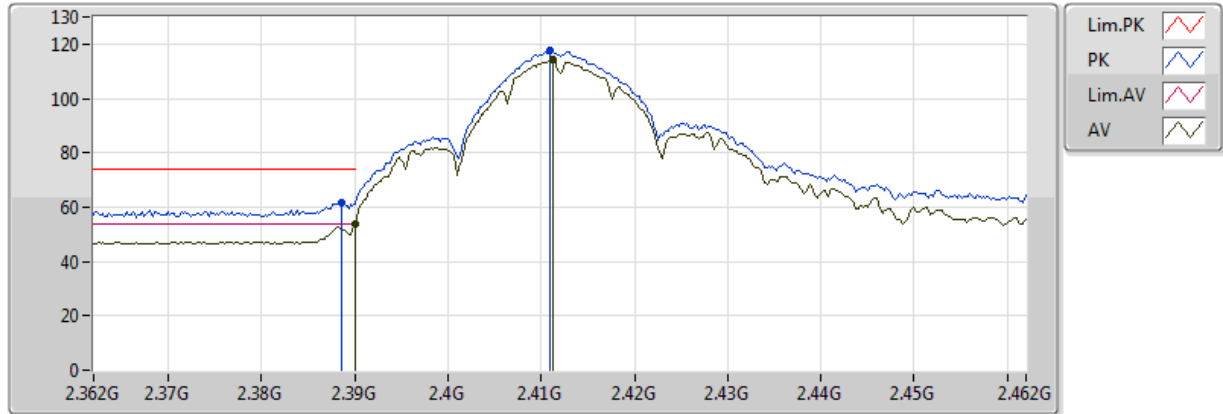


20170630  
EUT X1TX  
Setting 20  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 52.65         | 54.00         | -1.35      | 31.94      | 3       | V         | 82         | 1.86      | -        |
| AV   | 2.4112G  | 112.62        | Inf           | -Inf       | 32.00      | 3       | V         | 82         | 1.86      | -        |
| PK   | 2.39G    | 62.20         | 74.00         | -11.80     | 31.94      | 3       | V         | 82         | 1.86      | -        |
| PK   | 2.411G   | 116.01        | Inf           | -Inf       | 32.00      | 3       | V         | 82         | 1.86      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

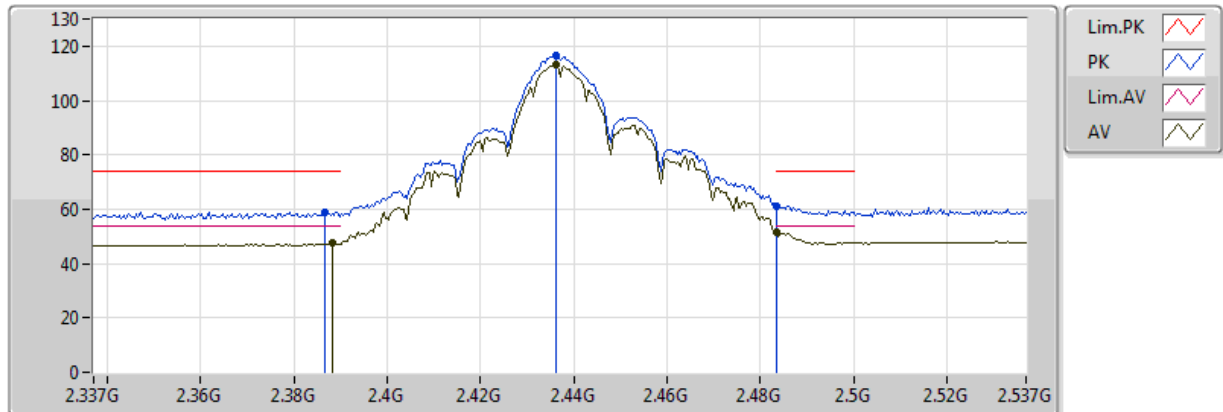


20170630  
EUT X1TX  
Setting 20  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.66         | 54.00         | -0.34      | 31.94      | 3       | H         | 79         | 1.88      | -        |
| AV   | 2.4112G  | 114.13        | Inf           | -Inf       | 32.00      | 3       | H         | 79         | 1.88      | -        |
| PK   | 2.3886G  | 61.57         | 74.00         | -12.43     | 31.93      | 3       | H         | 79         | 1.88      | -        |
| PK   | 2.411G   | 117.52        | Inf           | -Inf       | 32.00      | 3       | H         | 79         | 1.88      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

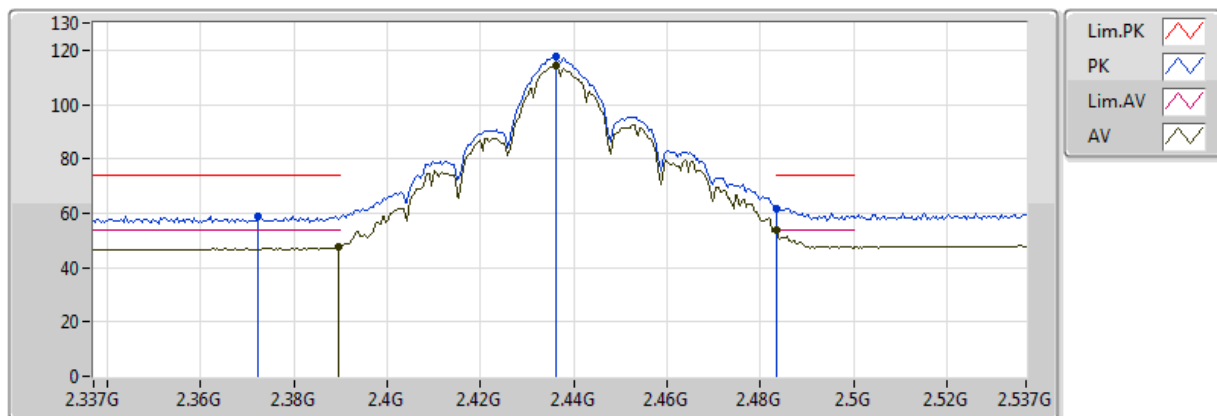


20170630  
EUT X1TX  
Setting 18  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3882G   | 47.39         | 54.00         | -6.61      | 31.93      | 3       | V         | 81         | 1.68      | -        |
| AV   | 2.4362G   | 113.21        | Inf           | -Inf       | 32.08      | 3       | V         | 81         | 1.68      | -        |
| AV   | 2.483502G | 51.73         | 54.00         | -2.27      | 32.22      | 3       | V         | 81         | 1.68      | -        |
| PK   | 2.3866G   | 58.81         | 74.00         | -15.19     | 31.93      | 3       | V         | 81         | 1.68      | -        |
| PK   | 2.4362G   | 116.69        | Inf           | -Inf       | 32.08      | 3       | V         | 81         | 1.68      | -        |
| PK   | 2.483502G | 61.30         | 74.00         | -12.70     | 32.22      | 3       | V         | 81         | 1.68      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

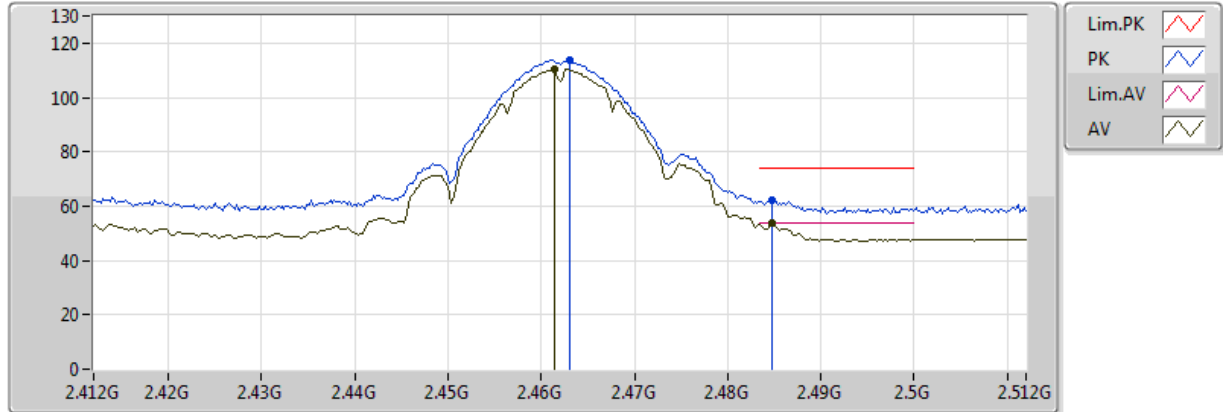


20170630  
EUT X1TX  
Setting 18  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3894G   | 47.57         | 54.00         | -6.43      | 31.94      | 3       | H         | 79         | 1.99      | -        |
| AV   | 2.4362G   | 114.06        | Inf           | -Inf       | 32.08      | 3       | H         | 79         | 1.99      | -        |
| AV   | 2.483502G | 53.56         | 54.00         | -0.44      | 32.22      | 3       | H         | 79         | 1.99      | -        |
| PK   | 2.3722G   | 59.05         | 74.00         | -14.95     | 31.88      | 3       | H         | 79         | 1.99      | -        |
| PK   | 2.4362G   | 117.58        | Inf           | -Inf       | 32.08      | 3       | H         | 79         | 1.99      | -        |
| PK   | 2.483502G | 61.82         | 74.00         | -12.18     | 32.22      | 3       | H         | 79         | 1.99      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

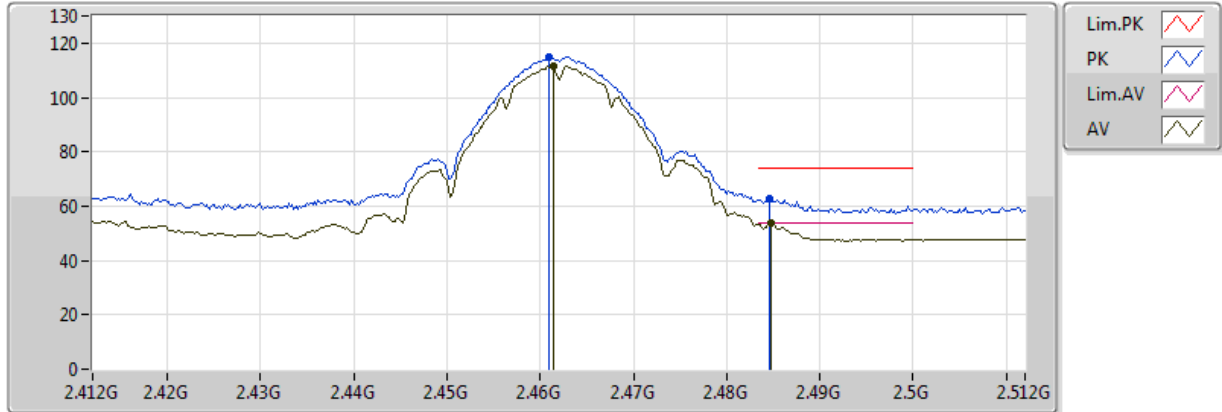


20170630  
EUT X1TX  
Setting 16  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4614G  | 110.52        | Inf           | -Inf       | 32.15      | 3       | V         | 84         | 1.69      | -        |
| AV   | 2.4848G  | 53.61         | 54.00         | -0.39      | 32.22      | 3       | V         | 84         | 1.69      | -        |
| PK   | 2.463G   | 113.91        | Inf           | -Inf       | 32.16      | 3       | V         | 84         | 1.69      | -        |
| PK   | 2.4848G  | 62.24         | 74.00         | -11.76     | 32.22      | 3       | V         | 84         | 1.69      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

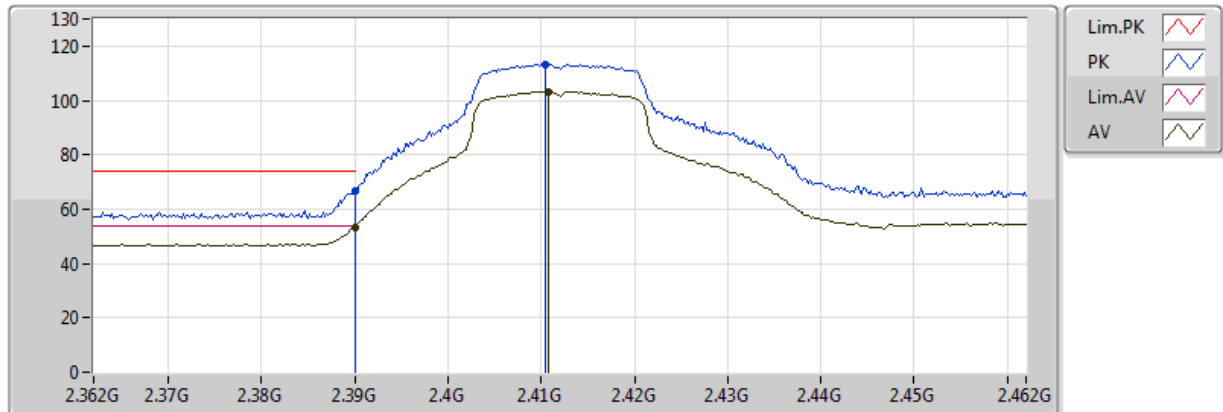


20170630  
EUT X1TX  
Setting 16  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4614G  | 111.46        | Inf           | -Inf       | 32.15      | 3       | H         | 79         | 1.97      | -        |
| AV   | 2.4848G  | 53.56         | 54.00         | -0.44      | 32.22      | 3       | H         | 79         | 1.97      | -        |
| PK   | 2.461G   | 114.93        | Inf           | -Inf       | 32.15      | 3       | H         | 79         | 1.97      | -        |
| PK   | 2.4846G  | 62.50         | 74.00         | -11.50     | 32.22      | 3       | H         | 79         | 1.97      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

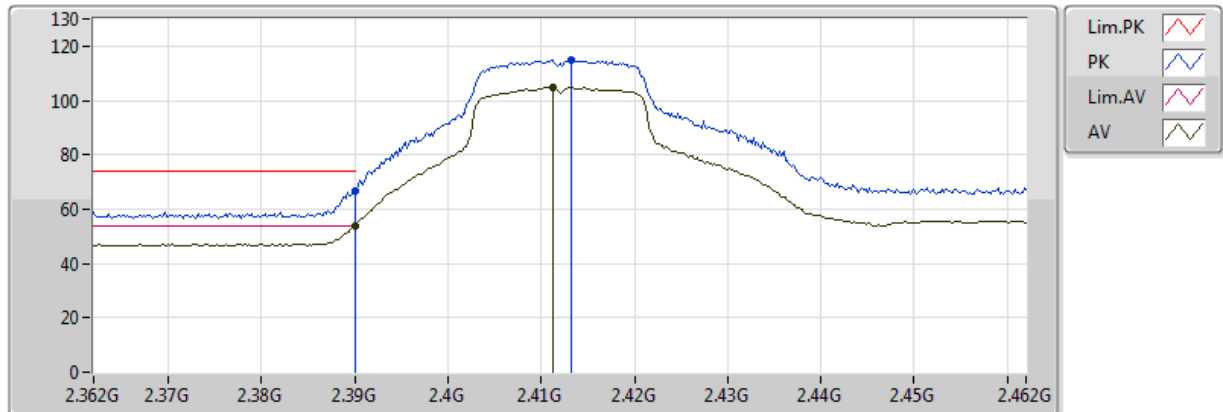


20170630  
EUT X1TX  
Setting 18  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.38         | 54.00         | -0.62      | 31.94      | 3       | V         | 81         | 1.94      | -        |
| AV   | 2.4108G  | 103.16        | Inf           | -Inf       | 32.00      | 3       | V         | 81         | 1.94      | -        |
| PK   | 2.39G    | 66.43         | 74.00         | -7.57      | 31.94      | 3       | V         | 81         | 1.94      | -        |
| PK   | 2.4104G  | 113.38        | Inf           | -Inf       | 32.00      | 3       | V         | 81         | 1.94      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

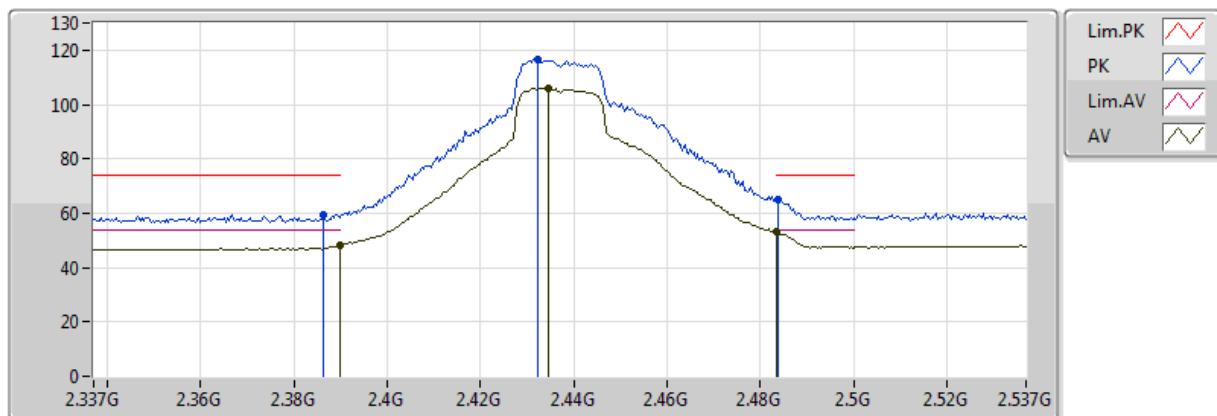


20170630  
EUT X1TX  
Setting 18  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.65         | 54.00         | -0.35      | 31.94      | 3       | H         | 86         | 1.97      | -        |
| AV   | 2.4112G  | 104.78        | Inf           | -Inf       | 32.00      | 3       | H         | 86         | 1.97      | -        |
| PK   | 2.39G    | 66.80         | 74.00         | -7.20      | 31.94      | 3       | H         | 86         | 1.97      | -        |
| PK   | 2.4132G  | 115.11        | Inf           | -Inf       | 32.01      | 3       | H         | 86         | 1.97      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

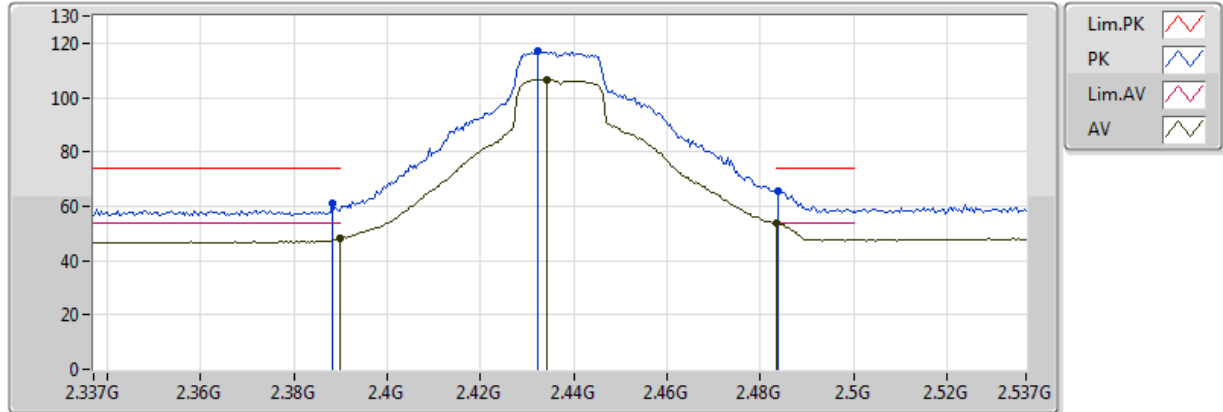


20170630  
EUT X1TX  
Setting 22  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 48.15         | 54.00         | -5.85      | 31.94      | 3       | V         | 78         | 1.68      | -        |
| AV   | 2.4346G   | 106.09        | Inf           | -Inf       | 32.07      | 3       | V         | 78         | 1.68      | -        |
| AV   | 2.483502G | 52.96         | 54.00         | -1.04      | 32.22      | 3       | V         | 78         | 1.68      | -        |
| PK   | 2.3862G   | 59.39         | 74.00         | -14.61     | 31.93      | 3       | V         | 78         | 1.68      | -        |
| PK   | 2.4322G   | 116.58        | Inf           | -Inf       | 32.07      | 3       | V         | 78         | 1.68      | -        |
| PK   | 2.4838G   | 65.08         | 74.00         | -8.92      | 32.22      | 3       | V         | 78         | 1.68      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

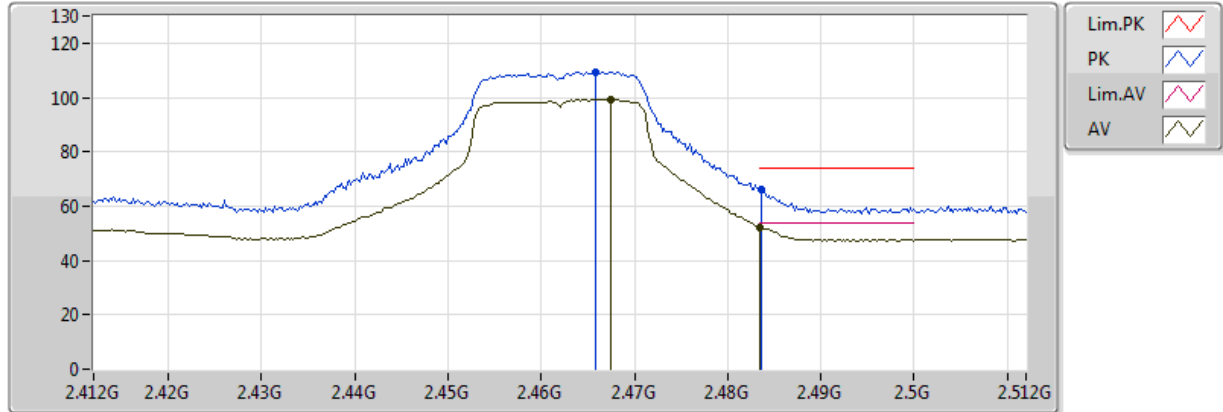


20170630  
EUT X1TX  
Setting 22  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 48.07         | 54.00         | -5.93      | 31.94      | 3       | H         | 83         | 1.99      | -        |
| AV   | 2.4342G   | 106.62        | Inf           | -Inf       | 32.07      | 3       | H         | 83         | 1.99      | -        |
| AV   | 2.483502G | 53.91         | 54.00         | -0.09      | 32.22      | 3       | H         | 83         | 1.99      | -        |
| PK   | 2.3882G   | 60.82         | 74.00         | -13.18     | 31.93      | 3       | H         | 83         | 1.99      | -        |
| PK   | 2.4322G   | 116.93        | Inf           | -Inf       | 32.07      | 3       | H         | 83         | 1.99      | -        |
| PK   | 2.4838G   | 65.31         | 74.00         | -8.69      | 32.22      | 3       | H         | 83         | 1.99      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

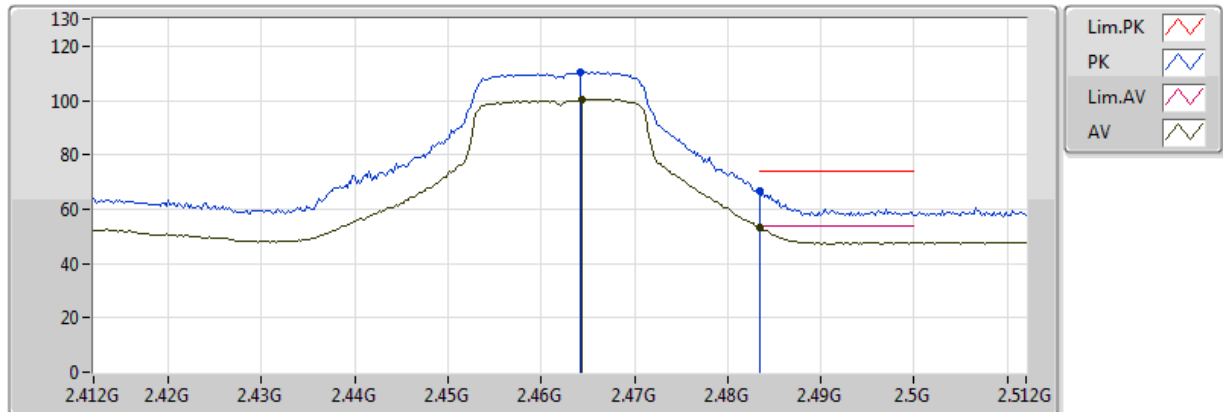


20170630  
EUT X1TX  
Setting 13.5  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4674G   | 99.36         | Inf           | -Inf       | 32.17      | 3       | V         | 80         | 1.57      | -        |
| AV   | 2.483502G | 52.05         | 54.00         | -1.95      | 32.22      | 3       | V         | 80         | 1.57      | -        |
| PK   | 2.4658G   | 109.10        | Inf           | -Inf       | 32.17      | 3       | V         | 80         | 1.57      | -        |
| PK   | 2.4836G   | 66.40         | 74.00         | -7.60      | 32.22      | 3       | V         | 80         | 1.57      | -        |

# **802.11ac VHT20\_Nss1,(MCS0)\_1TX**

## **2462MHz\_TX**

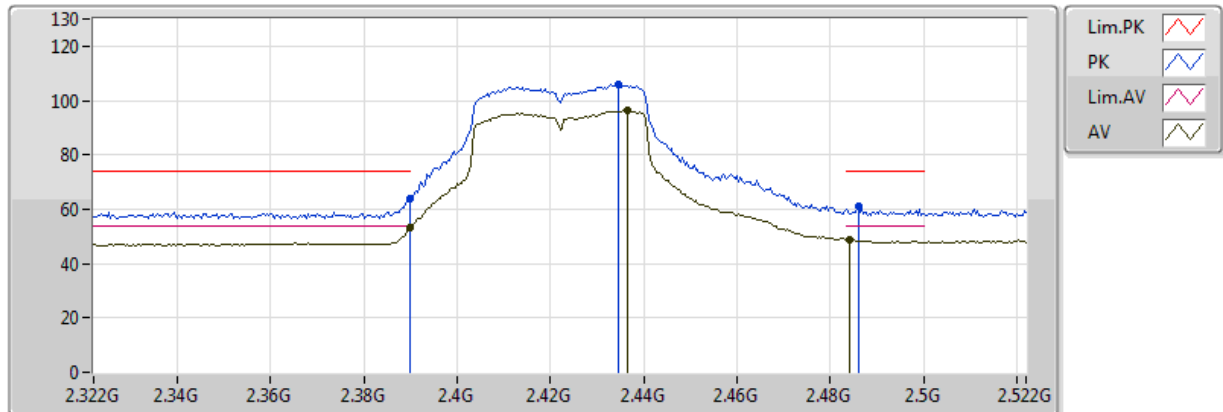


20170630  
 EUT X1TX  
 Setting 13.5  
 02-R-1  
 FSU(100015)  
 ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4644G   | 100.42        | Inf           | -Inf       | 32.16      | 3       | H         | 77         | 1.91      | -        |
| AV   | 2.483502G | 53.18         | 54.00         | -0.82      | 32.22      | 3       | H         | 77         | 1.91      | -        |
| PK   | 2.4642G   | 110.55        | Inf           | -Inf       | 32.16      | 3       | H         | 77         | 1.91      | -        |
| PK   | 2.483502G | 66.88         | 74.00         | -7.12      | 32.22      | 3       | H         | 77         | 1.91      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

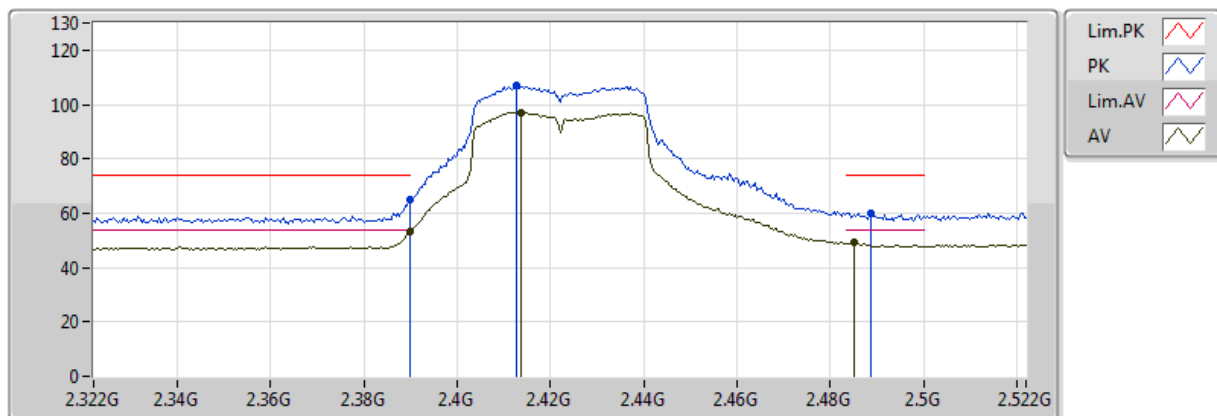


20170630  
EUT X1TX  
Setting 13  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 52.98         | 54.00         | -1.02      | 31.94      | 3       | V         | 73         | 1.67      | -        |
| AV   | 2.4364G  | 96.31         | Inf           | -Inf       | 32.08      | 3       | V         | 73         | 1.67      | -        |
| AV   | 2.484G   | 48.87         | 54.00         | -5.13      | 32.22      | 3       | V         | 73         | 1.67      | -        |
| PK   | 2.39G    | 63.87         | 74.00         | -10.13     | 31.94      | 3       | V         | 73         | 1.67      | -        |
| PK   | 2.4344G  | 106.03        | Inf           | -Inf       | 32.07      | 3       | V         | 73         | 1.67      | -        |
| PK   | 2.486G   | 61.31         | 74.00         | -12.69     | 32.23      | 3       | V         | 73         | 1.67      | -        |

# **802.11ac VHT40\_Nss1,(MCS0)\_1TX**

## **2422MHz\_TX**

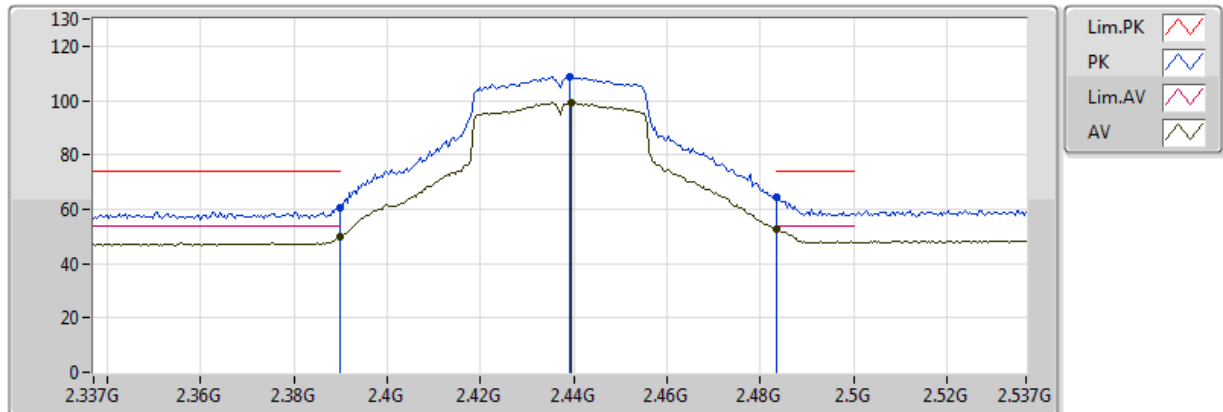


20170630  
EUT X1TX  
Setting 13  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.43         | 54.00         | -0.57      | 31.94      | 3       | H         | 82         | 1.52      | -        |
| AV   | 2.4136G  | 97.02         | Inf           | -Inf       | 32.01      | 3       | H         | 82         | 1.52      | -        |
| AV   | 2.4852G  | 49.11         | 54.00         | -4.89      | 32.23      | 3       | H         | 82         | 1.52      | -        |
| PK   | 2.39G    | 65.03         | 74.00         | -8.97      | 31.94      | 3       | H         | 82         | 1.52      | -        |
| PK   | 2.4128G  | 107.03        | Inf           | -Inf       | 32.01      | 3       | H         | 82         | 1.52      | -        |
| PK   | 2.4888G  | 60.09         | 74.00         | -13.91     | 32.24      | 3       | H         | 82         | 1.52      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

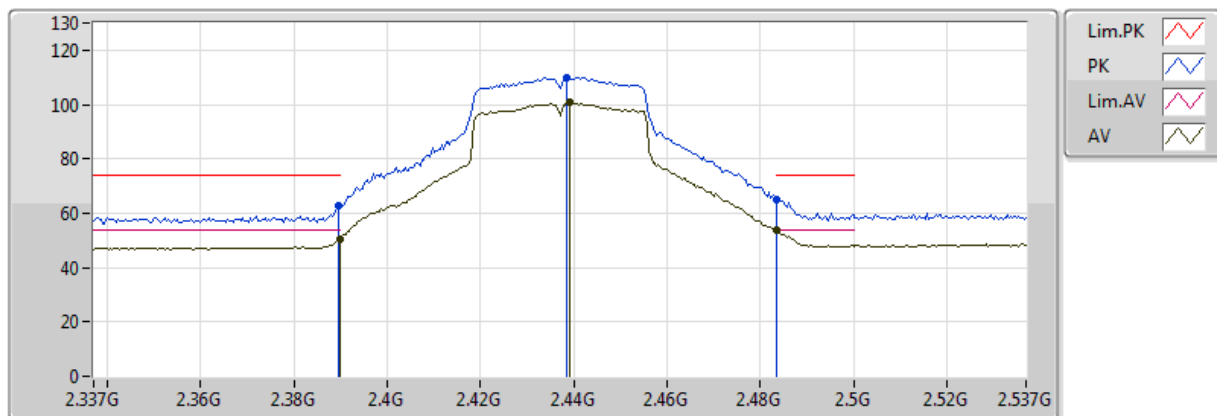


20170630  
EUT X1TX  
Setting 16.5  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 50.08         | 54.00         | -3.92      | 31.94      | 3       | V         | 79         | 1.51      | -        |
| AV   | 2.4394G   | 99.25         | Inf           | -Inf       | 32.09      | 3       | V         | 79         | 1.51      | -        |
| AV   | 2.483502G | 52.82         | 54.00         | -1.18      | 32.22      | 3       | V         | 79         | 1.51      | -        |
| PK   | 2.389998G | 60.71         | 74.00         | -13.29     | 31.94      | 3       | V         | 79         | 1.51      | -        |
| PK   | 2.439G    | 108.93        | Inf           | -Inf       | 32.09      | 3       | V         | 79         | 1.51      | -        |
| PK   | 2.483502G | 64.62         | 74.00         | -9.38      | 32.22      | 3       | V         | 79         | 1.51      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

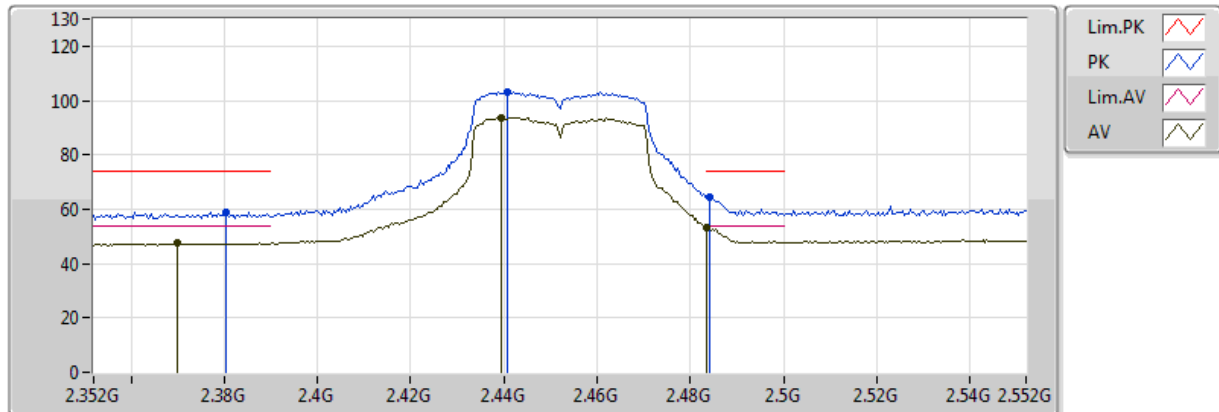


20170630  
EUT X1TX  
Setting 16.5  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 50.46         | 54.00         | -3.54      | 31.94      | 3       | H         | 77         | 1.67      | -        |
| AV   | 2.439G    | 100.79        | Inf           | -Inf       | 32.09      | 3       | H         | 77         | 1.67      | -        |
| AV   | 2.483502G | 53.55         | 54.00         | -0.45      | 32.22      | 3       | H         | 77         | 1.67      | -        |
| PK   | 2.3894G   | 62.59         | 74.00         | -11.41     | 31.94      | 3       | H         | 77         | 1.67      | -        |
| PK   | 2.4386G   | 109.83        | Inf           | -Inf       | 32.09      | 3       | H         | 77         | 1.67      | -        |
| PK   | 2.483502G | 65.13         | 74.00         | -8.87      | 32.22      | 3       | H         | 77         | 1.67      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

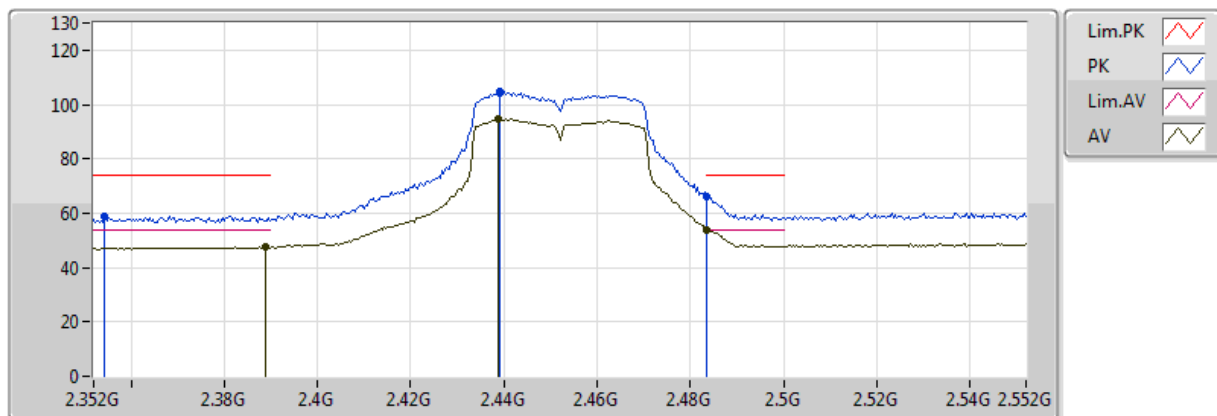


20170630  
EUT X1TX  
Setting 10.5  
02-R-1  
FSU(100015)  
ANT Patch NP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.37G    | 47.45         | 54.00         | -6.55      | 31.88      | 3       | V         | 78         | 1.98      | -        |
| AV   | 2.4396G  | 93.79         | Inf           | -Inf       | 32.09      | 3       | V         | 78         | 1.98      | -        |
| AV   | 2.4836G  | 53.49         | 54.00         | -0.51      | 32.22      | 3       | V         | 78         | 1.98      | -        |
| PK   | 2.3804G  | 58.67         | 74.00         | -15.33     | 31.91      | 3       | V         | 78         | 1.98      | -        |
| PK   | 2.4408G  | 103.35        | Inf           | -Inf       | 32.09      | 3       | V         | 78         | 1.98      | -        |
| PK   | 2.484G   | 64.39         | 74.00         | -9.61      | 32.22      | 3       | V         | 78         | 1.98      | -        |

# **802.11ac VHT40\_Nss1,(MCS0)\_1TX**

## **2452MHz\_TX**



20170630  
EUT X1TX  
Setting 10.5  
02-R-1  
FSU(100015)  
ANT Patch NP

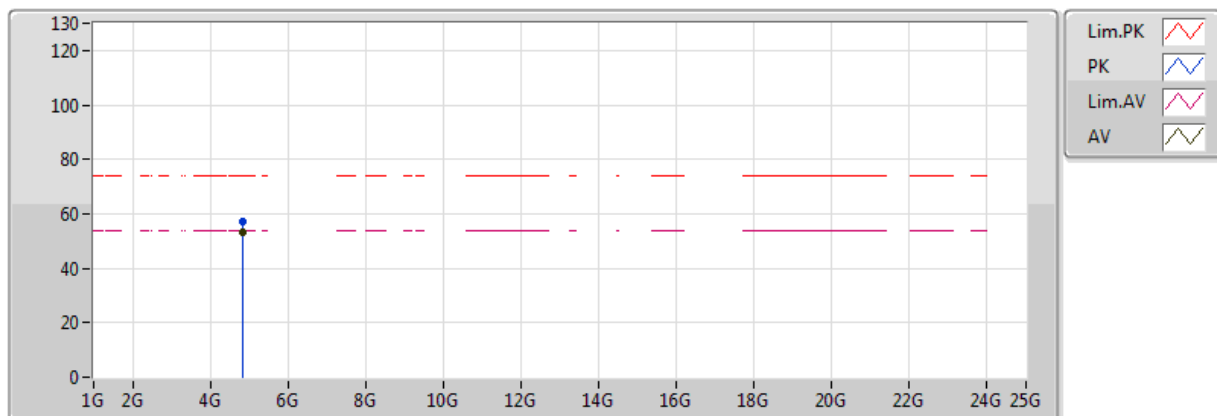
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3888G  | 47.46         | 54.00         | -6.54      | 31.94      | 3       | H         | 82         | 1.60      | -        |
| AV   | 2.4388G  | 94.63         | Inf           | -Inf       | 32.09      | 3       | H         | 82         | 1.60      | -        |
| AV   | 2.4836G  | 53.93         | 54.00         | -0.07      | 32.22      | 3       | H         | 82         | 1.60      | -        |
| PK   | 2.3544G  | 58.84         | 74.00         | -15.16     | 31.83      | 3       | H         | 82         | 1.60      | -        |
| PK   | 2.4392G  | 104.72        | Inf           | -Inf       | 32.09      | 3       | H         | 82         | 1.60      | -        |
| PK   | 2.4836G  | 66.23         | 74.00         | -7.77      | 32.22      | 3       | H         | 82         | 1.60      | -        |

**For Set 4 antennas / 1TX:****Harmonic Summary**

| Mode                | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11b_(1Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz       | Pass   | AV   | 4.874G       | 53.40             | 54.00             | -0.60          | 8.24           | 3           | H             | 25             | 1.49          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

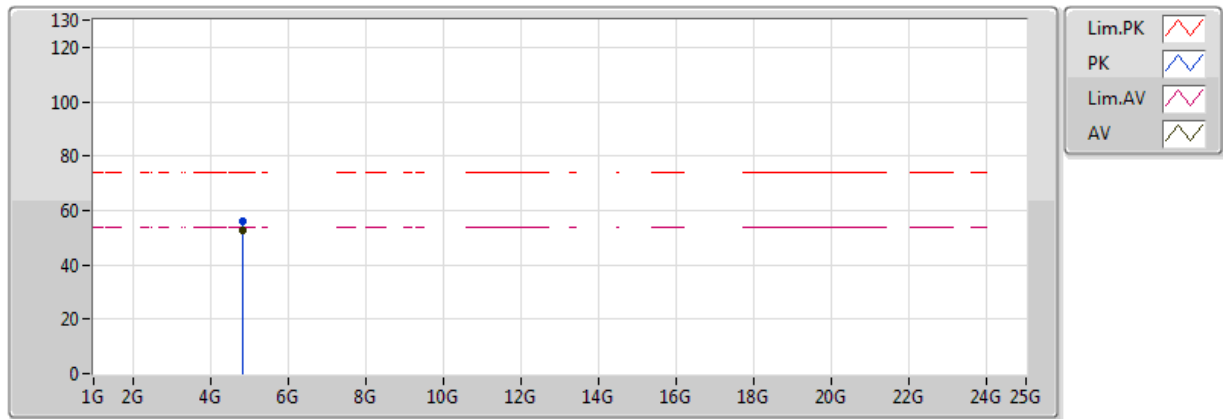


20170706  
EUT X\_1TX  
Setting 20.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82404G | 53.44         | 54.00         | -0.56      | 8.08       | 3       | V         | 70         | 1.50      | -        |
| PK   | 4.82394G | 57.39         | 74.00         | -16.61     | 8.08       | 3       | V         | 70         | 1.50      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

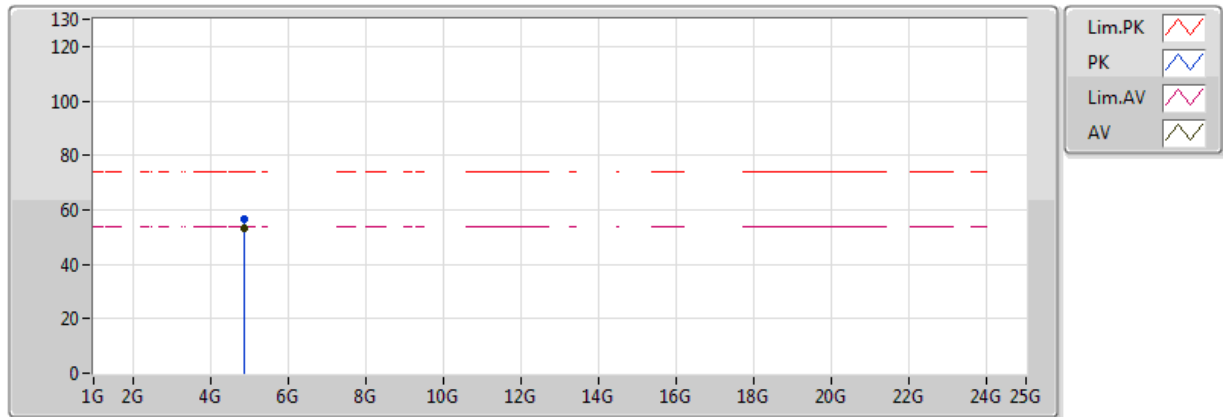


20170706  
EUT X\_1TX  
Setting 20.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82402G | 52.57         | 54.00         | -1.43      | 8.08       | 3       | H         | 25         | 1.49      | -        |
| PK   | 4.82398G | 56.29         | 74.00         | -17.71     | 8.08       | 3       | H         | 25         | 1.49      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

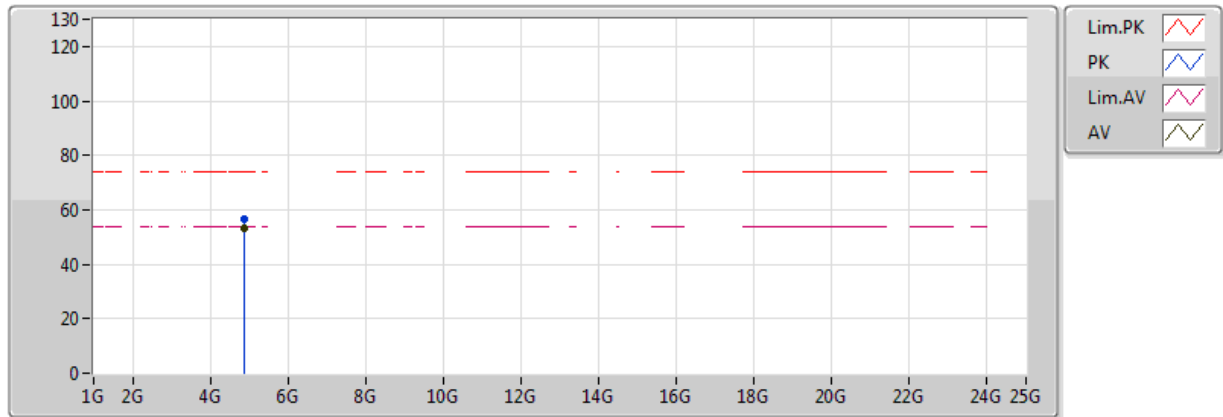


20170706  
EUT X\_1TX  
Setting 18  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87402G | 53.32         | 54.00         | -0.68      | 8.24       | 3       | V         | 36         | 1.83      | -        |
| PK   | 4.874G   | 56.47         | 74.00         | -17.53     | 8.24       | 3       | V         | 36         | 1.83      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

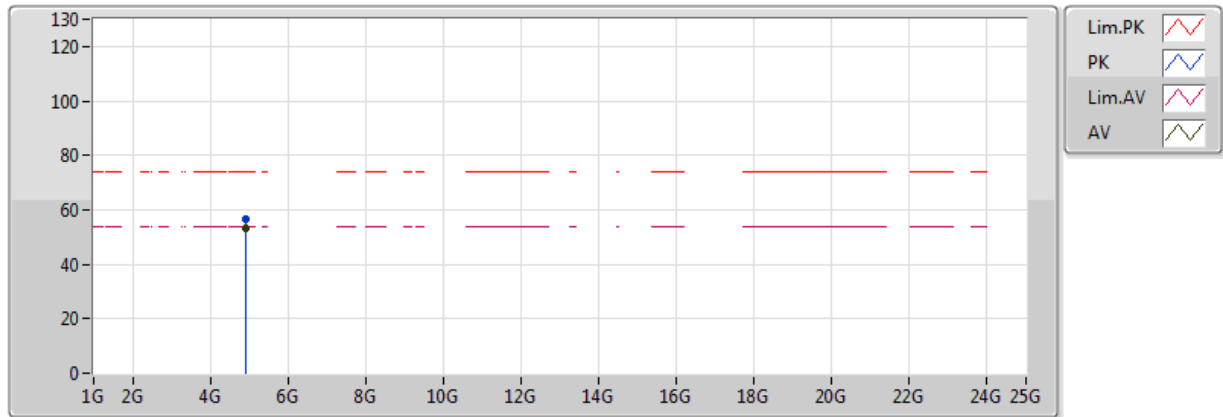


20170706  
EUT X\_1TX  
Setting 18  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.874G   | 53.40         | 54.00         | -0.60      | 8.24       | 3       | H         | 25         | 1.49      | -        |
| PK   | 4.87402G | 56.45         | 74.00         | -17.55     | 8.24       | 3       | H         | 25         | 1.49      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

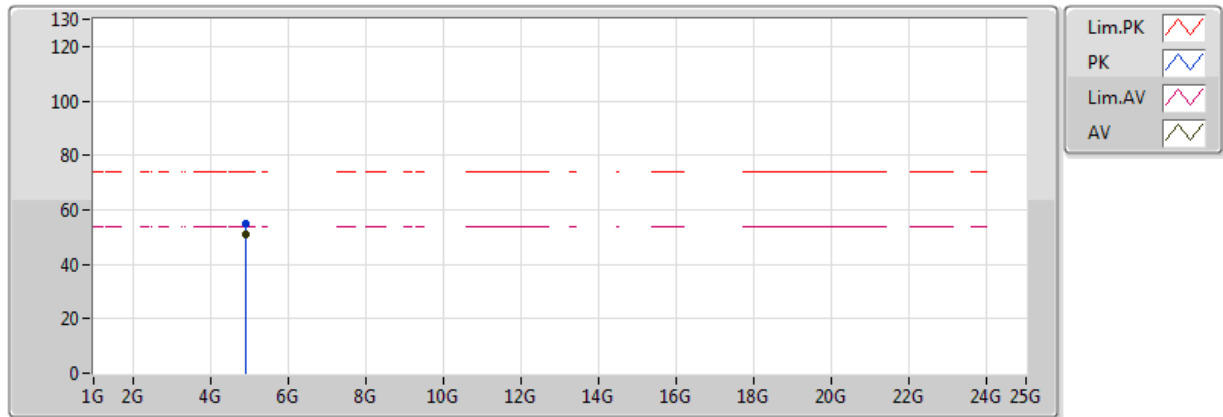


20170706  
EUT X\_1TX  
Setting 14  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92402G | 53.38         | 54.00         | -0.62      | 8.39       | 3       | V         | 113        | 1.27      | -        |
| PK   | 4.92406G | 56.67         | 74.00         | -17.33     | 8.39       | 3       | V         | 113        | 1.27      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX



20170706  
EUT X\_1TX  
Setting 14  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

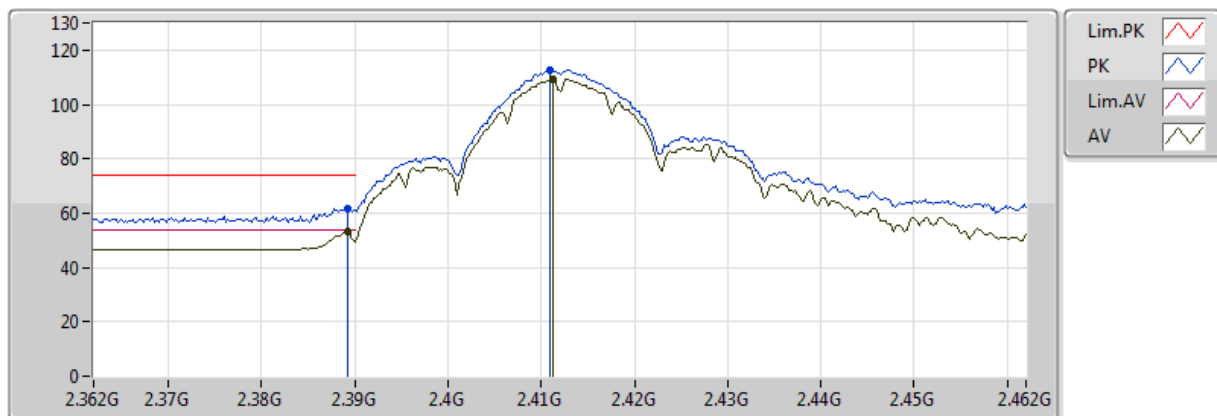
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92402G | 51.24         | 54.00         | -2.76      | 8.39       | 3       | H         | 75         | 1.50      | -        |
| PK   | 4.92404G | 55.15         | 74.00         | -18.85     | 8.39       | 3       | H         | 75         | 1.50      | -        |

**Band Edge Emission Summary**

| Mode                | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11b_(1Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz       | Pass   | AV   | 2.4848G      | 53.93             | 54.00             | -0.07          | 32.22          | 3           | V             | 102            | 1.55          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

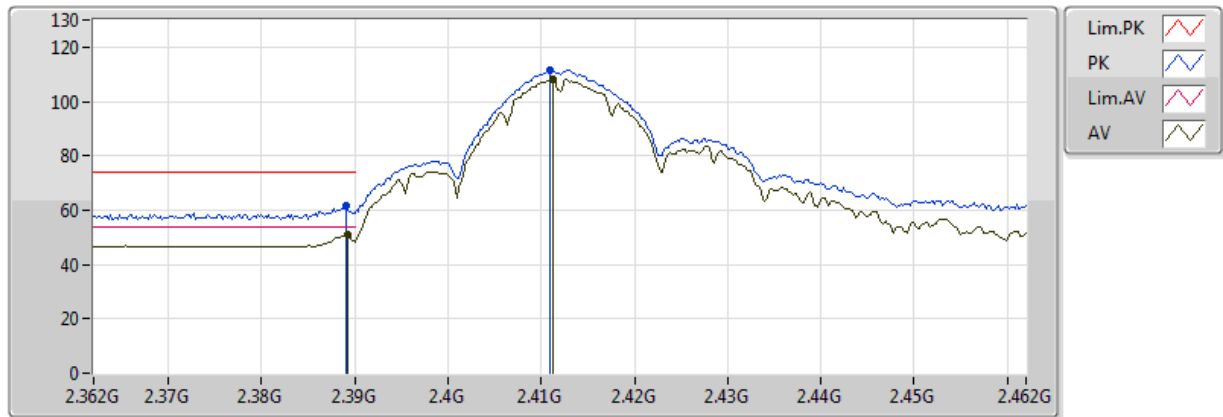


20170629  
EUT X1TX  
Setting 25.5  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3892G  | 53.30         | 54.00         | -0.70      | 31.94      | 3       | V         | 107        | 1.68      | -        |
| AV   | 2.4112G  | 109.32        | Inf           | -Inf       | 32.00      | 3       | V         | 107        | 1.68      | -        |
| PK   | 2.3892G  | 61.80         | 74.00         | -12.20     | 31.94      | 3       | V         | 107        | 1.68      | -        |
| PK   | 2.411G   | 112.84        | Inf           | -Inf       | 32.00      | 3       | V         | 107        | 1.68      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

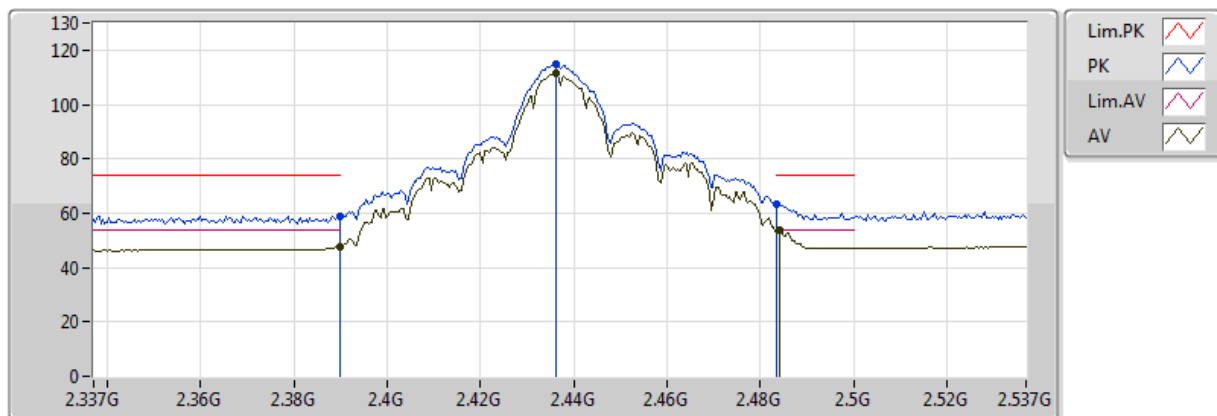


20170629  
EUT X1TX  
Setting 25.5  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3892G  | 51.04         | 54.00         | -2.96      | 31.94      | 3       | H         | 103        | 1.86      | -        |
| AV   | 2.4112G  | 108.10        | Inf           | -Inf       | 32.00      | 3       | H         | 103        | 1.86      | -        |
| PK   | 2.389G   | 61.57         | 74.00         | -12.43     | 31.94      | 3       | H         | 103        | 1.86      | -        |
| PK   | 2.411G   | 111.59        | Inf           | -Inf       | 32.00      | 3       | H         | 103        | 1.86      | -        |

### 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

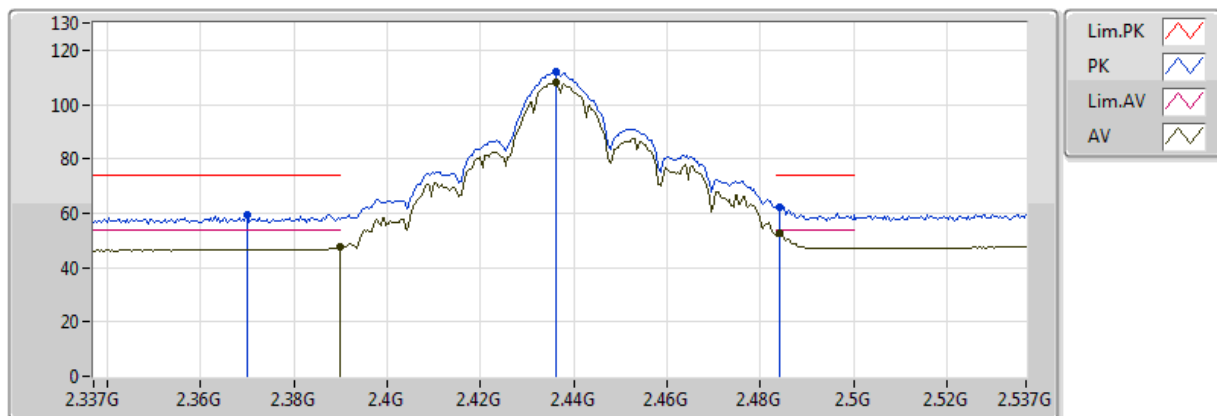


20170629  
EUT X1TX  
Setting 29  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.66         | 54.00         | -6.34      | 31.94      | 3       | V         | 115        | 1.93      | -        |
| AV   | 2.4362G   | 111.26        | Inf           | -Inf       | 32.08      | 3       | V         | 115        | 1.93      | -        |
| AV   | 2.4842G   | 53.53         | 54.00         | -0.47      | 32.22      | 3       | V         | 115        | 1.93      | -        |
| PK   | 2.389998G | 59.10         | 74.00         | -14.90     | 31.94      | 3       | V         | 115        | 1.93      | -        |
| PK   | 2.4362G   | 114.95        | Inf           | -Inf       | 32.08      | 3       | V         | 115        | 1.93      | -        |
| PK   | 2.483502G | 63.25         | 74.00         | -10.75     | 32.22      | 3       | V         | 115        | 1.93      | -        |

### 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

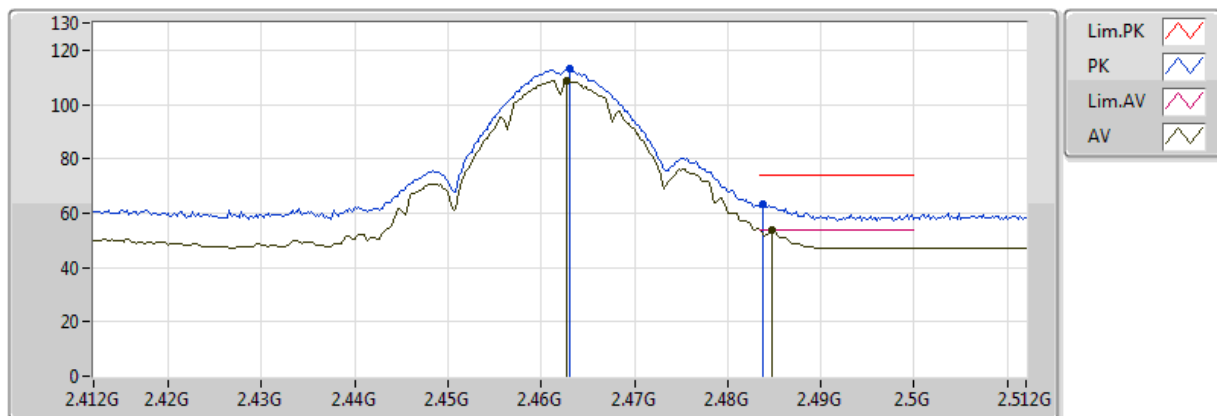


20170629  
EUT X1TX  
Setting 29  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.37         | 54.00         | -6.63      | 31.94      | 3       | H         | 99         | 1.27      | -        |
| AV   | 2.4362G   | 108.26        | Inf           | -Inf       | 32.08      | 3       | H         | 99         | 1.27      | -        |
| AV   | 2.4842G   | 52.67         | 54.00         | -1.33      | 32.22      | 3       | H         | 99         | 1.27      | -        |
| PK   | 2.3698G   | 59.21         | 74.00         | -14.79     | 31.88      | 3       | H         | 99         | 1.27      | -        |
| PK   | 2.4362G   | 111.91        | Inf           | -Inf       | 32.08      | 3       | H         | 99         | 1.27      | -        |
| PK   | 2.4842G   | 62.15         | 74.00         | -11.85     | 32.22      | 3       | H         | 99         | 1.27      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

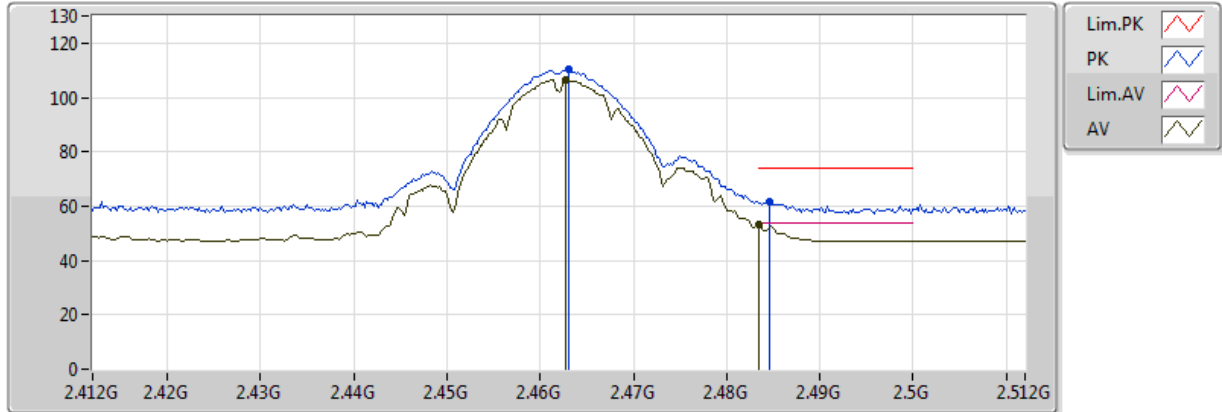


20170629  
EUT X1TX  
Setting 21  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4628G  | 108.90        | Inf           | -Inf       | 32.16      | 3       | V         | 102        | 1.55      | -        |
| AV   | 2.4848G  | 53.93         | 54.00         | -0.07      | 32.22      | 3       | V         | 102        | 1.55      | -        |
| PK   | 2.463G   | 112.96        | Inf           | -Inf       | 32.16      | 3       | V         | 102        | 155       | -        |
| PK   | 2.4838G  | 63.21         | 74.00         | -10.79     | 32.22      | 3       | V         | 102        | 1.55      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

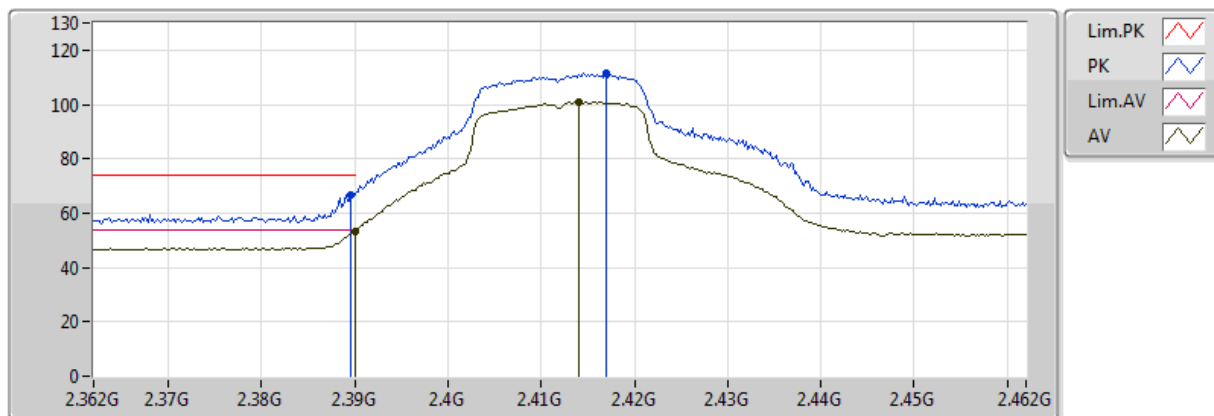


20170629  
EUT X1TX  
Setting 21  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4628G   | 106.58        | Inf           | -Inf       | 32.16      | 3       | H         | 81         | 1.64      | -        |
| AV   | 2.483502G | 53.01         | 54.00         | -0.99      | 32.22      | 3       | H         | 81         | 1.64      | -        |
| PK   | 2.463G    | 110.42        | Inf           | -Inf       | 32.16      | 3       | H         | 81         | 1.64      | -        |
| PK   | 2.4846G   | 61.66         | 74.00         | -12.34     | 32.22      | 3       | H         | 81         | 1.64      | -        |

### 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

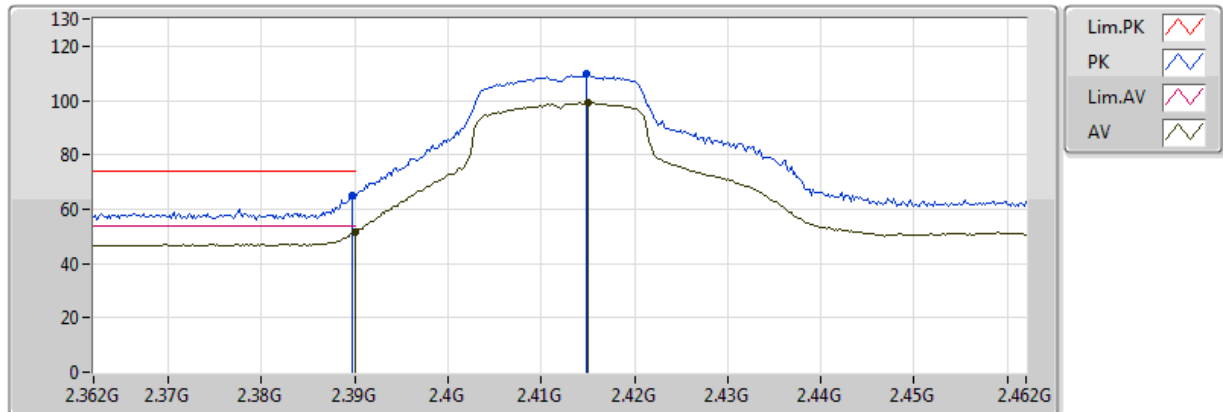


20170629  
EUT X1TX  
Setting 18.5  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.16         | 54.00         | -0.84      | 31.94      | 3       | V         | 110        | 1.66      | -        |
| AV   | 2.414G   | 100.88        | Inf           | -Inf       | 32.01      | 3       | V         | 110        | 1.66      | -        |
| PK   | 2.3896G  | 66.89         | 74.00         | -7.11      | 31.94      | 3       | V         | 110        | 1.66      | -        |
| PK   | 2.417G   | 111.30        | Inf           | -Inf       | 32.02      | 3       | V         | 110        | 1.66      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

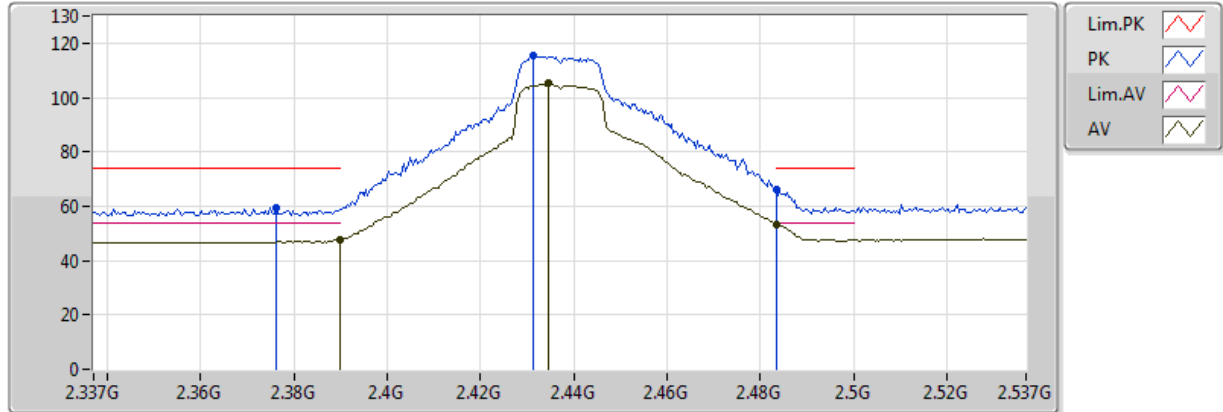


20170629  
EUT X1TX  
Setting 18.5  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 51.64         | 54.00         | -2.36      | 31.94      | 3       | H         | 103        | 1.86      | -        |
| AV   | 2.415G   | 99.13         | Inf           | -Inf       | 32.02      | 3       | H         | 103        | 1.86      | -        |
| PK   | 2.3898G  | 65.01         | 74.00         | -8.99      | 31.94      | 3       | H         | 103        | 1.86      | -        |
| PK   | 2.4148G  | 109.68        | Inf           | -Inf       | 32.01      | 3       | H         | 103        | 1.86      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

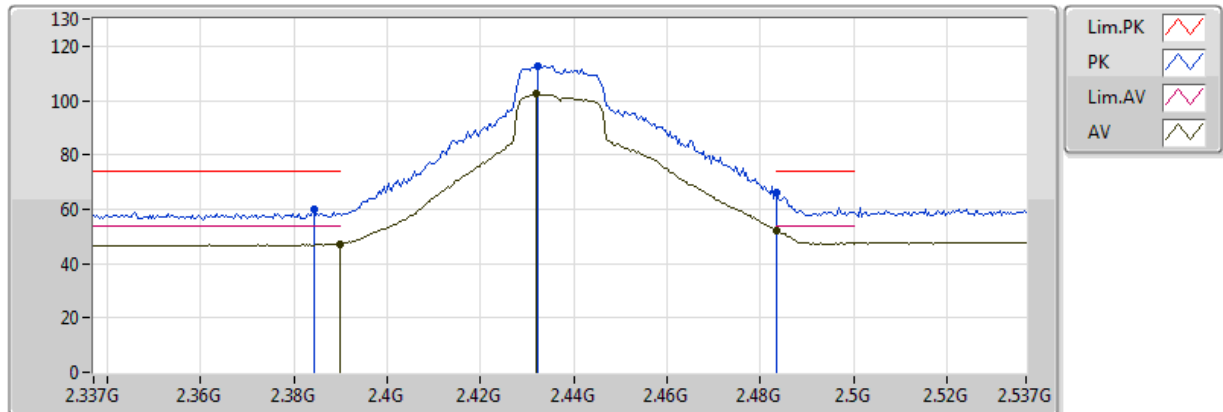


20170629  
EUT X1TX  
Setting 24  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.86         | 54.00         | -6.14      | 31.94      | 3       | V         | 112        | 1.95      | -        |
| AV   | 2.4346G   | 105.08        | Inf           | -Inf       | 32.07      | 3       | V         | 112        | 1.95      | -        |
| AV   | 2.483502G | 53.41         | 54.00         | -0.59      | 32.22      | 3       | V         | 112        | 1.95      | -        |
| PK   | 2.3762G   | 59.35         | 74.00         | -14.65     | 31.90      | 3       | V         | 112        | 1.95      | -        |
| PK   | 2.4314G   | 115.45        | Inf           | -Inf       | 32.06      | 3       | V         | 112        | 1.95      | -        |
| PK   | 2.483502G | 66.25         | 74.00         | -7.75      | 32.22      | 3       | V         | 112        | 1.95      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

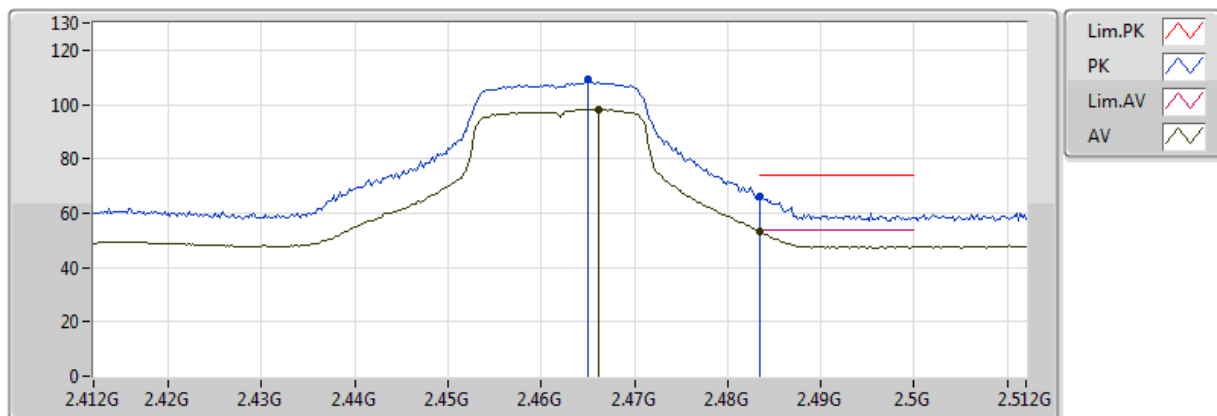


20170629  
EUT X1TX  
Setting 24  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.34         | 54.00         | -6.66      | 31.94      | 3       | H         | 103        | 1.29      | -        |
| AV   | 2.4318G   | 102.44        | Inf           | -Inf       | 32.07      | 3       | H         | 103        | 1.29      | -        |
| AV   | 2.483502G | 52.15         | 54.00         | -1.85      | 32.22      | 3       | H         | 103        | 1.29      | -        |
| PK   | 2.3842G   | 59.68         | 74.00         | -14.32     | 31.92      | 3       | H         | 103        | 1.29      | -        |
| PK   | 2.4322G   | 112.90        | Inf           | -Inf       | 32.07      | 3       | H         | 103        | 1.29      | -        |
| PK   | 2.483502G | 66.35         | 74.00         | -7.65      | 32.22      | 3       | H         | 103        | 1.29      | -        |

# **802.11ac VHT20\_Nss1,(MCS0)\_1TX**

## **2462MHz\_TX**

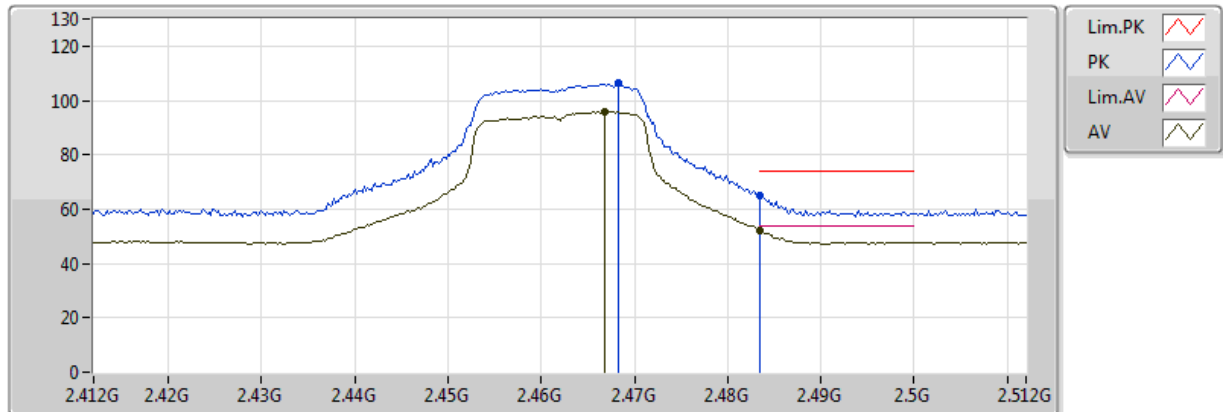


20170629  
 EUT X1TX  
 Setting 14  
 02-R-1  
 FSU(100015)  
 ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4662G   | 98.24         | Inf           | -Inf       | 32.17      | 3       | V         | 98         | 1.55      | -        |
| AV   | 2.483502G | 53.22         | 54.00         | -0.78      | 32.22      | 3       | V         | 98         | 1.55      | -        |
| PK   | 2.465G    | 109.49        | Inf           | -Inf       | 32.16      | 3       | V         | 98         | 1.55      | -        |
| PK   | 2.483502G | 66.02         | 74.00         | -7.98      | 32.22      | 3       | V         | 98         | 1.55      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

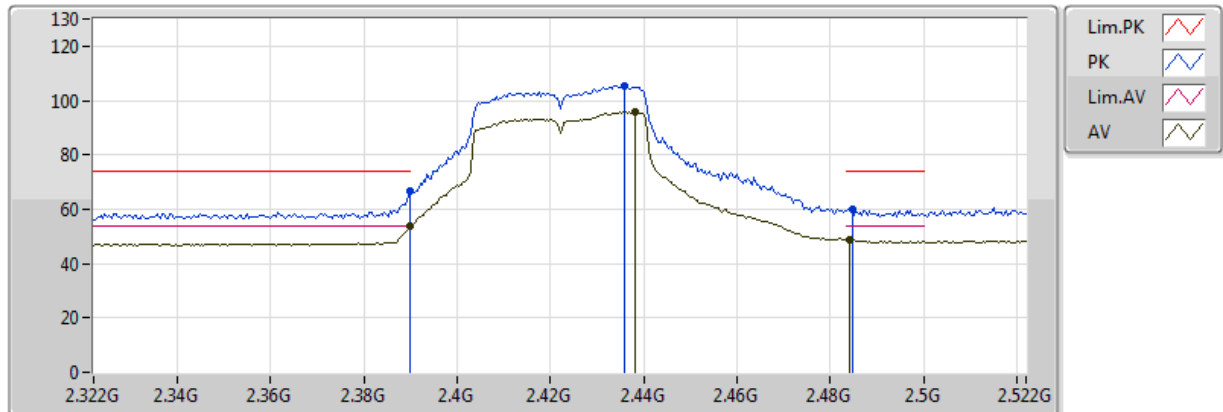


20170629  
EUT X1TX  
Setting 14  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4668G   | 95.82         | Inf           | -Inf       | 32.17      | 3       | H         | 78         | 1.62      | -        |
| AV   | 2.483502G | 52.19         | 54.00         | -1.81      | 32.22      | 3       | H         | 78         | 1.62      | -        |
| PK   | 2.4682G   | 106.36        | Inf           | -Inf       | 32.17      | 3       | H         | 78         | 1.62      | -        |
| PK   | 2.483502G | 65.28         | 74.00         | -8.72      | 32.22      | 3       | H         | 78         | 1.62      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

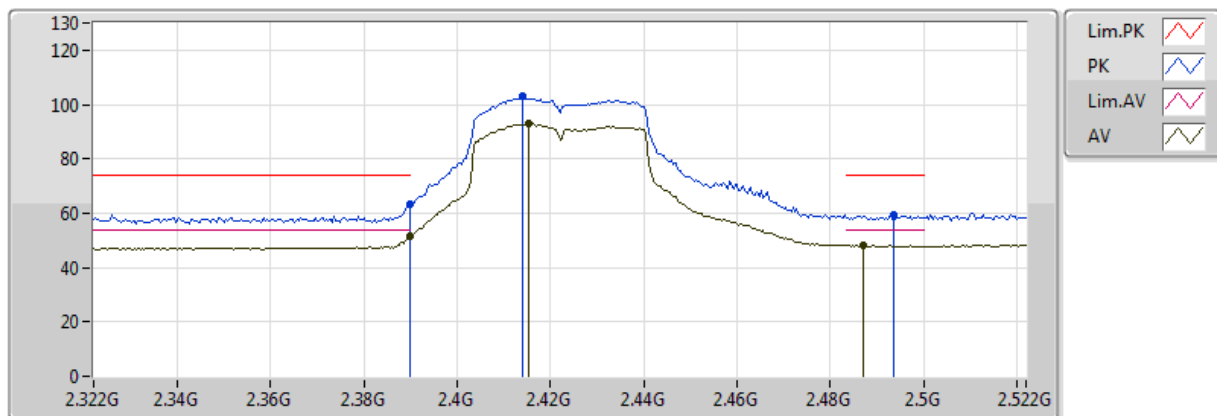


20170629  
EUT X1TX  
Setting 15  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.66         | 54.00         | -0.34      | 31.94      | 3       | V         | 115        | 1.94      | -        |
| AV   | 2.438G   | 95.68         | Inf           | -Inf       | 32.08      | 3       | V         | 115        | 1.94      | -        |
| AV   | 2.484G   | 48.68         | 54.00         | -5.32      | 32.22      | 3       | V         | 115        | 1.94      | -        |
| PK   | 2.39G    | 66.51         | 74.00         | -7.49      | 31.94      | 3       | V         | 115        | 1.94      | -        |
| PK   | 2.436G   | 105.35        | Inf           | -Inf       | 32.08      | 3       | V         | 115        | 1.94      | -        |
| PK   | 2.4848G  | 59.93         | 74.00         | -14.07     | 32.22      | 3       | V         | 115        | 1.94      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

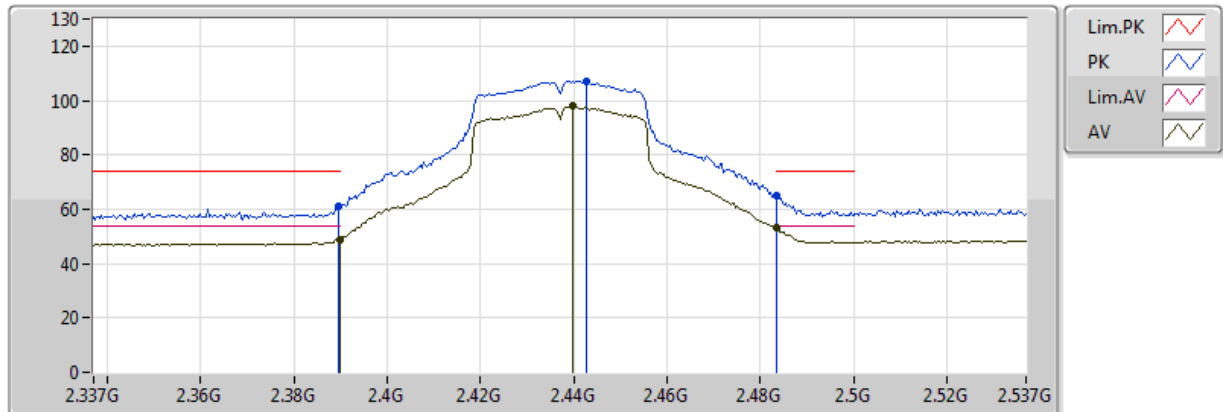


20170629  
EUT X1TX  
Setting 15  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 51.65         | 54.00         | -2.35      | 31.94      | 3       | H         | 104        | 1.88      | -        |
| AV   | 2.4152G  | 92.81         | Inf           | -Inf       | 32.02      | 3       | H         | 104        | 1.88      | -        |
| AV   | 2.4872G  | 48.29         | 54.00         | -5.71      | 32.23      | 3       | H         | 104        | 1.88      | -        |
| PK   | 2.39G    | 63.34         | 74.00         | -10.66     | 31.94      | 3       | H         | 104        | 1.88      | -        |
| PK   | 2.414G   | 103.26        | Inf           | -Inf       | 32.01      | 3       | H         | 104        | 1.88      | -        |
| PK   | 2.4936G  | 59.67         | 74.00         | -14.33     | 32.25      | 3       | H         | 104        | 1.88      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

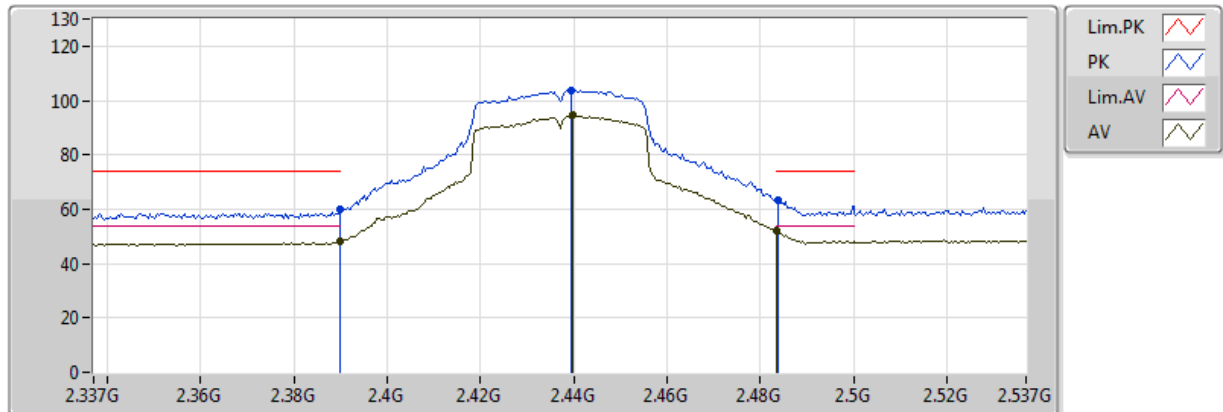


20170629  
EUT X1TX  
Setting 17  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 48.93         | 54.00         | -5.07      | 31.94      | 3       | V         | 115        | 1.95      | -        |
| AV   | 2.4398G   | 97.87         | Inf           | -Inf       | 32.09      | 3       | V         | 115        | 1.95      | -        |
| AV   | 2.483502G | 53.46         | 54.00         | -0.54      | 32.22      | 3       | V         | 115        | 1.95      | -        |
| PK   | 2.3894G   | 61.08         | 74.00         | -12.92     | 31.94      | 3       | V         | 115        | 1.95      | -        |
| PK   | 2.4426G   | 107.30        | Inf           | -Inf       | 32.10      | 3       | V         | 115        | 1.95      | -        |
| PK   | 2.483502G | 65.00         | 74.00         | -9.00      | 32.22      | 3       | V         | 115        | 1.95      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

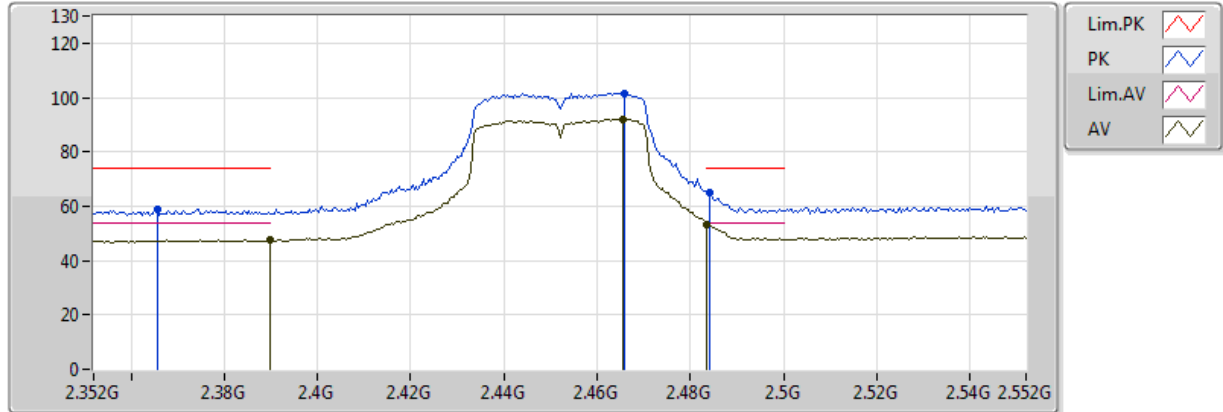


20170629  
EUT X1TX  
Setting 17  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 48.46         | 54.00         | -5.54      | 31.94      | 3       | H         | 97         | 1.50      | -        |
| AV   | 2.4398G   | 94.57         | Inf           | -Inf       | 32.09      | 3       | H         | 97         | 1.50      | -        |
| AV   | 2.483502G | 52.39         | 54.00         | -1.61      | 32.22      | 3       | H         | 97         | 1.50      | -        |
| PK   | 2.389998G | 59.90         | 74.00         | -14.10     | 31.94      | 3       | H         | 97         | 1.50      | -        |
| PK   | 2.4394G   | 103.84        | Inf           | -Inf       | 32.09      | 3       | H         | 97         | 1.50      | -        |
| PK   | 2.4838G   | 63.20         | 74.00         | -10.80     | 32.22      | 3       | H         | 97         | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

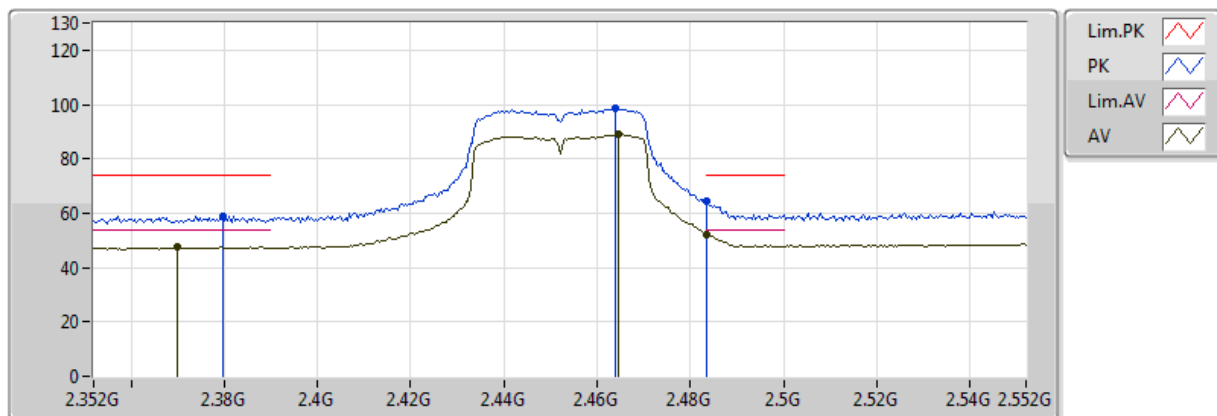


20170629  
EUT X1TX  
Setting 11.5  
02-R-1  
FSU(100015)  
ANT Patch Skynet-WP

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 47.44         | 54.00         | -6.56      | 31.94      | 3       | V         | 103        | 1.55      | -        |
| AV   | 2.4656G  | 92.07         | Inf           | -Inf       | 32.17      | 3       | V         | 103        | 1.55      | -        |
| AV   | 2.4836G  | 53.28         | 54.00         | -0.72      | 32.22      | 3       | V         | 103        | 1.55      | -        |
| PK   | 2.3656G  | 58.88         | 74.00         | -15.12     | 31.86      | 3       | V         | 103        | 1.55      | -        |
| PK   | 2.466G   | 101.67        | Inf           | -Inf       | 32.17      | 3       | V         | 103        | 1.55      | -        |
| PK   | 2.484G   | 64.89         | 74.00         | -9.11      | 32.22      | 3       | V         | 103        | 1.55      | -        |

# **802.11ac VHT40\_Nss1,(MCS0)\_1TX**

## **2452MHz\_TX**



20170629  
 EUT X1TX  
 Setting 11.5  
 02-R-1  
 FSU(100015)  
 ANT Patch Skynet-WP

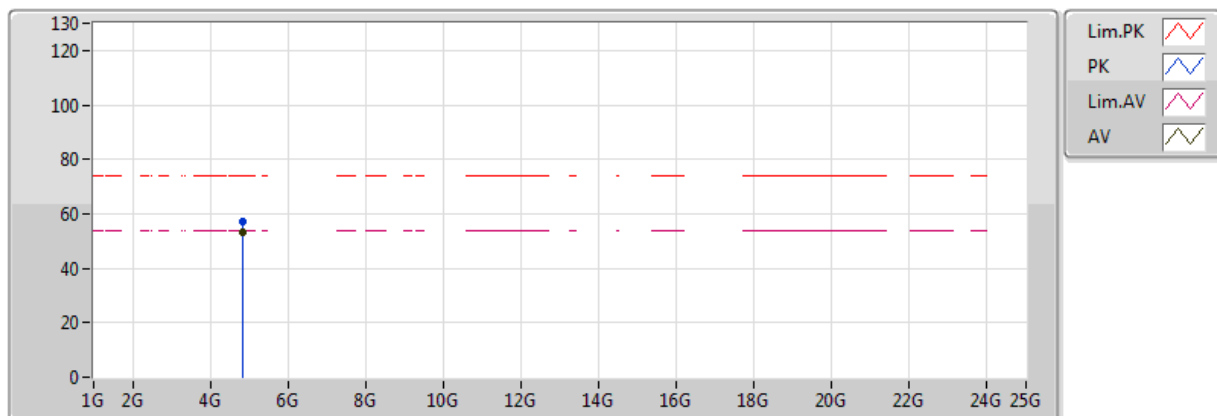
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.37G    | 47.59         | 54.00         | -6.41      | 31.88      | 3       | H         | 93         | 1.99      | -        |
| AV   | 2.4644G  | 89.31         | Inf           | -Inf       | 32.16      | 3       | H         | 93         | 1.99      | -        |
| AV   | 2.4836G  | 51.86         | 54.00         | -2.14      | 32.22      | 3       | H         | 93         | 1.99      | -        |
| PK   | 2.3796G  | 58.77         | 74.00         | -15.23     | 31.91      | 3       | H         | 93         | 1.99      | -        |
| PK   | 2.464G   | 98.63         | Inf           | -Inf       | 32.16      | 3       | H         | 93         | 1.99      | -        |
| PK   | 2.4836G  | 64.65         | 74.00         | -9.35      | 32.22      | 3       | H         | 93         | 1.99      | -        |

**For Set 5 antennas / 1TX:****Harmonic Summary**

| Mode                | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11b_(1Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz       | Pass   | AV   | 4.92404G     | 53.82             | 54.00             | -0.18          | 8.39           | 3           | V             | 115            | 1.18          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

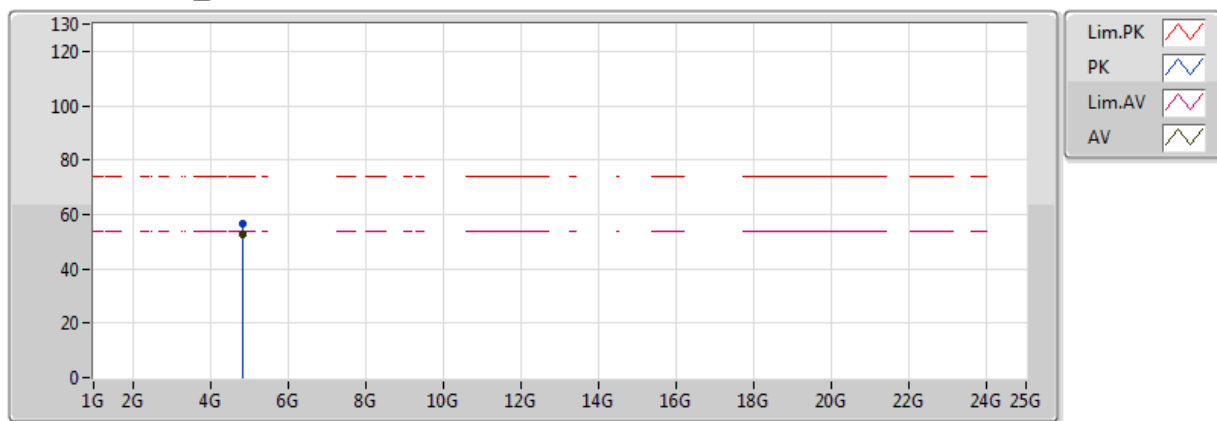


20170706  
EUT X\_1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82396G | 53.50         | 54.00         | -0.50      | 8.08       | 3       | V         | 11         | 1.50      | -        |
| PK   | 4.82404G | 57.18         | 74.00         | -16.82     | 8.08       | 3       | V         | 11         | 1.50      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

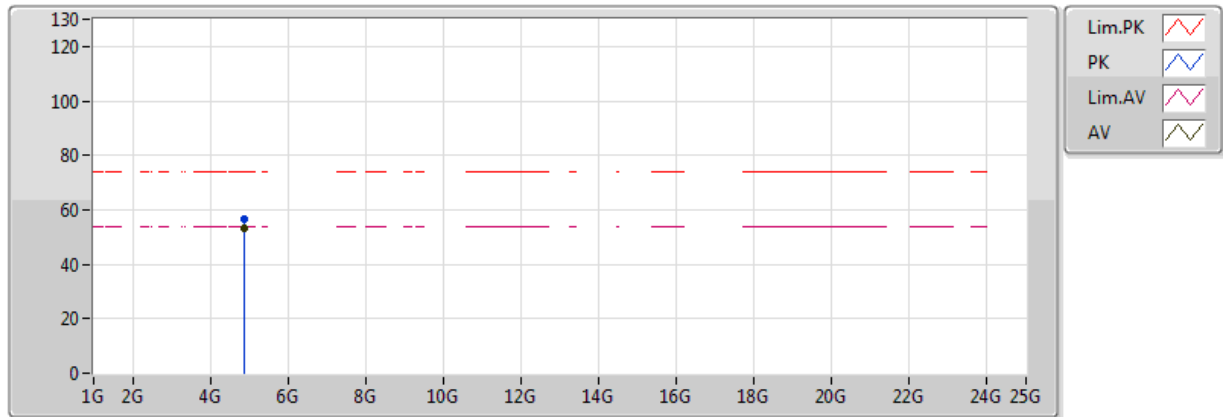


20170706  
EUT X\_1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82404G | 52.80         | 54.00         | -1.20      | 8.08       | 3       | H         | 179        | 1.08      | -        |
| PK   | 4.82388G | 56.87         | 74.00         | -17.13     | 8.08       | 3       | H         | 179        | 1.08      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

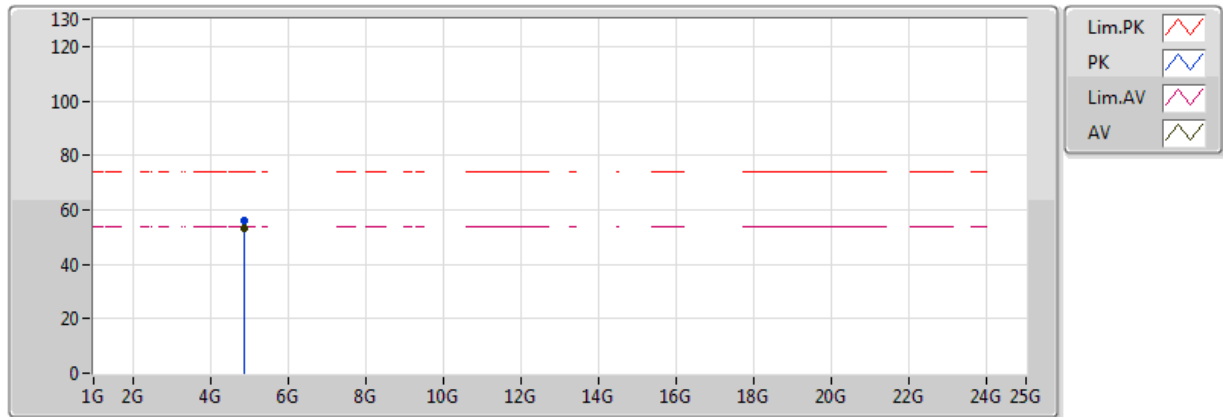


20170706  
EUT X\_1TX  
Setting 19  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87404G | 53.29         | 54.00         | -0.71      | 8.24       | 3       | V         | 9          | 1.50      | -        |
| PK   | 4.87388G | 56.52         | 74.00         | -17.48     | 8.24       | 3       | V         | 9          | 1.50      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

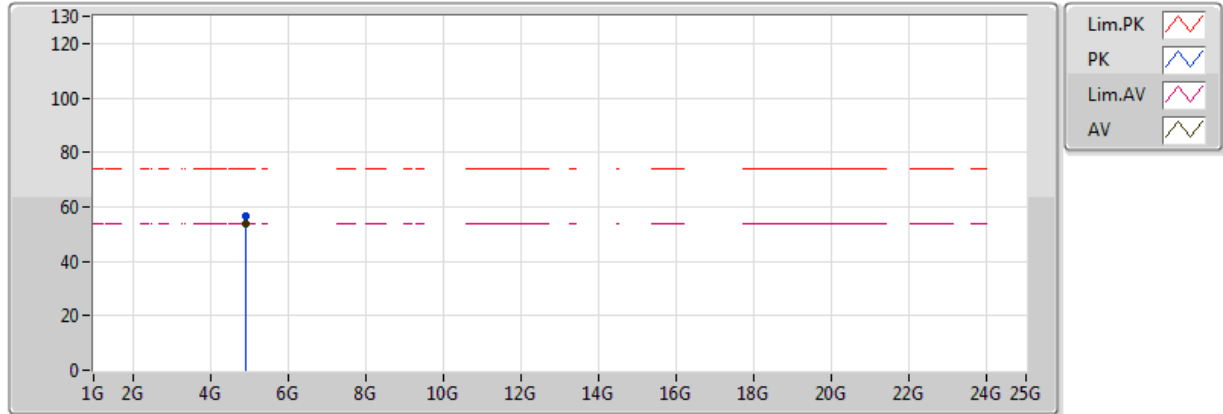


20170706  
EUT X\_1TX  
Setting 19  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87404G | 53.42         | 54.00         | -0.58      | 8.24       | 3       | H         | 183        | 1.50      | -        |
| PK   | 4.87396G | 56.23         | 74.00         | -17.77     | 8.24       | 3       | H         | 183        | 1.50      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

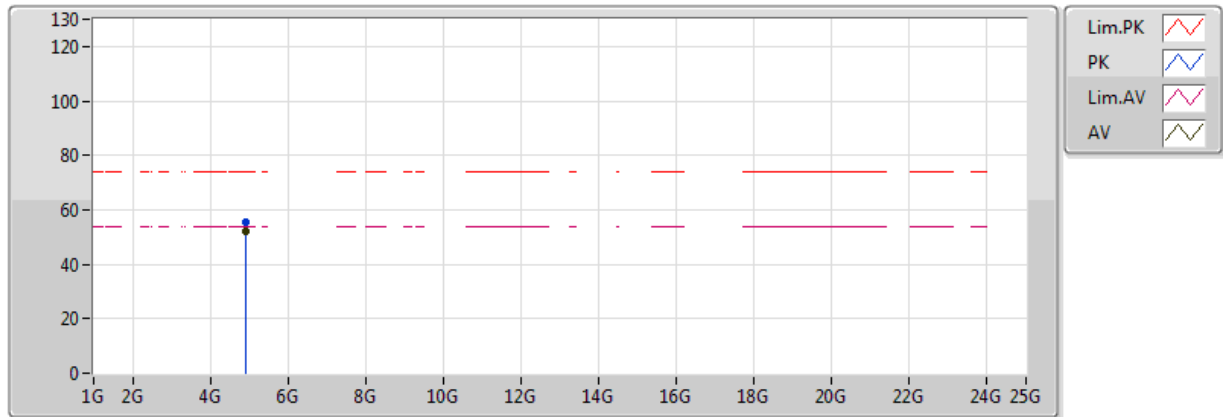


20170706  
EUT X\_1TX  
Setting 15  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92404G | 53.82         | 54.00         | -0.18      | 8.39       | 3       | V         | 115        | 1.18      | -        |
| PK   | 4.92396G | 56.78         | 74.00         | -17.22     | 8.39       | 3       | V         | 115        | 1.18      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX



20170706  
EUT X\_1TX  
Setting 15  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

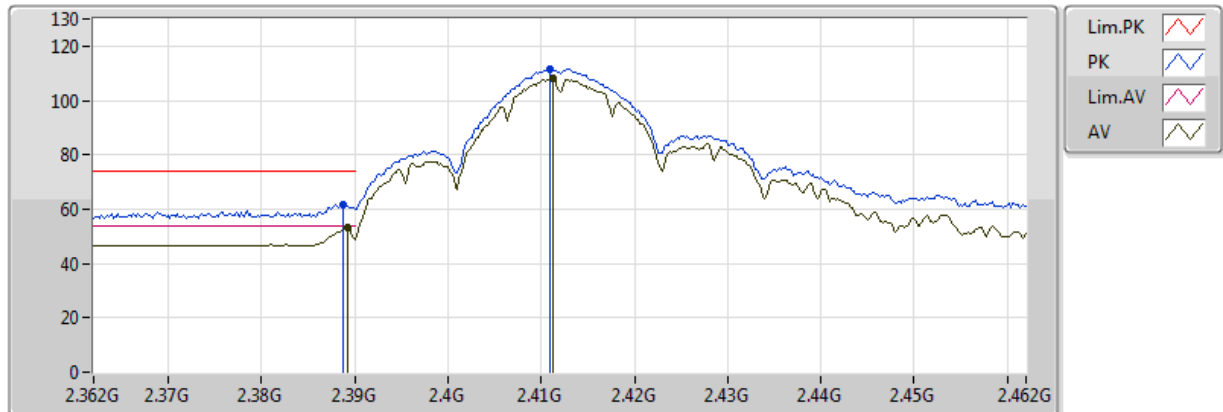
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92404G | 51.92         | 54.00         | -2.08      | 8.39       | 3       | H         | 76         | 1.50      | -        |
| PK   | 4.92396G | 55.22         | 74.00         | -18.78     | 8.39       | 3       | H         | 76         | 1.50      | -        |

**Band Edge Emission Summary**

| Mode                | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11b_(1Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz       | Pass   | AV   | 2.483502G    | 53.90             | 54.00             | -0.10          | 32.22          | 3           | V             | 315            | 1.28          | -        |

### 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

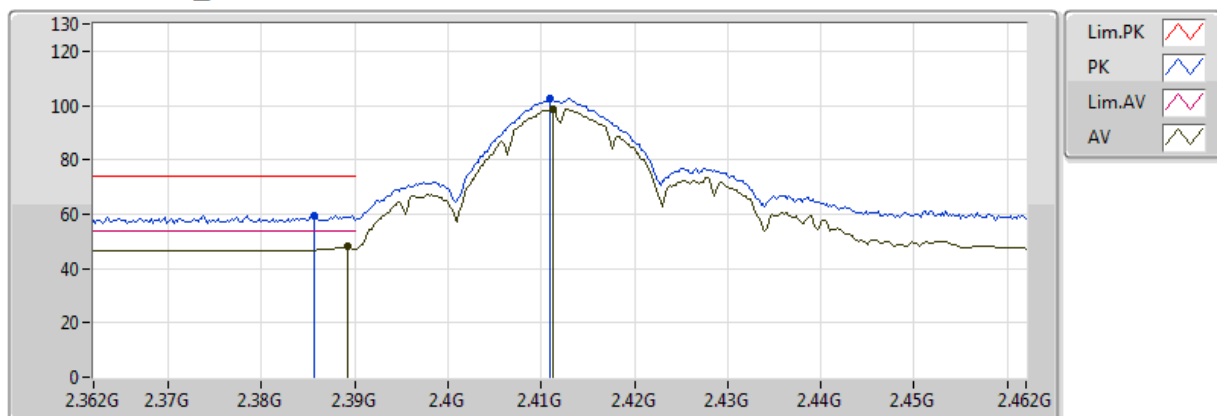


20170705  
EUT X\_1TX  
Setting 26  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3892G  | 53.15         | 54.00         | -0.85      | 31.94      | 3       | V         | 313        | 1.11      | -        |
| AV   | 2.4112G  | 108.14        | Inf           | -Inf       | 32.00      | 3       | V         | 313        | 1.11      | -        |
| PK   | 2.3888G  | 61.65         | 74.00         | -12.35     | 31.94      | 3       | V         | 313        | 1.11      | -        |
| PK   | 2.411G   | 111.74        | Inf           | -Inf       | 32.00      | 3       | V         | 313        | 1.11      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

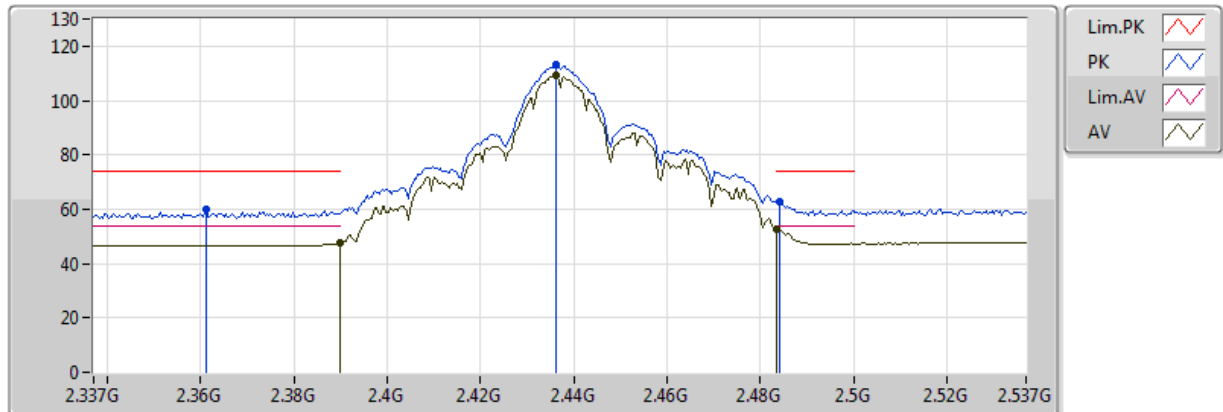


20170705  
EUT X\_1TX  
Setting 26  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3892G  | 47.94         | 54.00         | -6.06      | 31.94      | 3       | H         | 329        | 1.75      | -        |
| AV   | 2.4112G  | 98.79         | Inf           | -Inf       | 32.00      | 3       | H         | 329        | 1.75      | -        |
| PK   | 2.3856G  | 59.61         | 74.00         | -14.39     | 31.93      | 3       | H         | 329        | 1.75      | -        |
| PK   | 2.411G   | 102.43        | Inf           | -Inf       | 32.00      | 3       | H         | 329        | 1.75      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

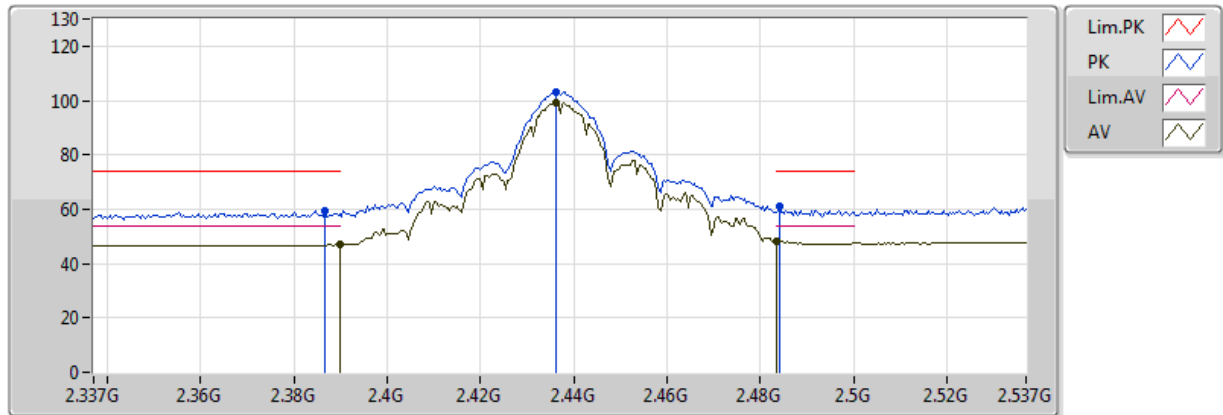


20170705  
EUT X\_1TX  
Setting 29.5 (↑0.5Over)  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.69         | 54.00         | -6.31      | 31.94      | 3       | V         | 313        | 1.19      | -        |
| AV   | 2.4362G   | 109.23        | Inf           | -Inf       | 32.08      | 3       | V         | 313        | 1.19      | -        |
| AV   | 2.483502G | 52.51         | 54.00         | -1.49      | 32.22      | 3       | V         | 313        | 1.19      | -        |
| PK   | 2.361G    | 59.92         | 74.00         | -14.08     | 31.85      | 3       | V         | 313        | 1.19      | -        |
| PK   | 2.4362G   | 112.91        | Inf           | -Inf       | 32.08      | 3       | V         | 313        | 1.19      | -        |
| PK   | 2.4842G   | 62.85         | 74.00         | -11.15     | 32.22      | 3       | V         | 313        | 1.19      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

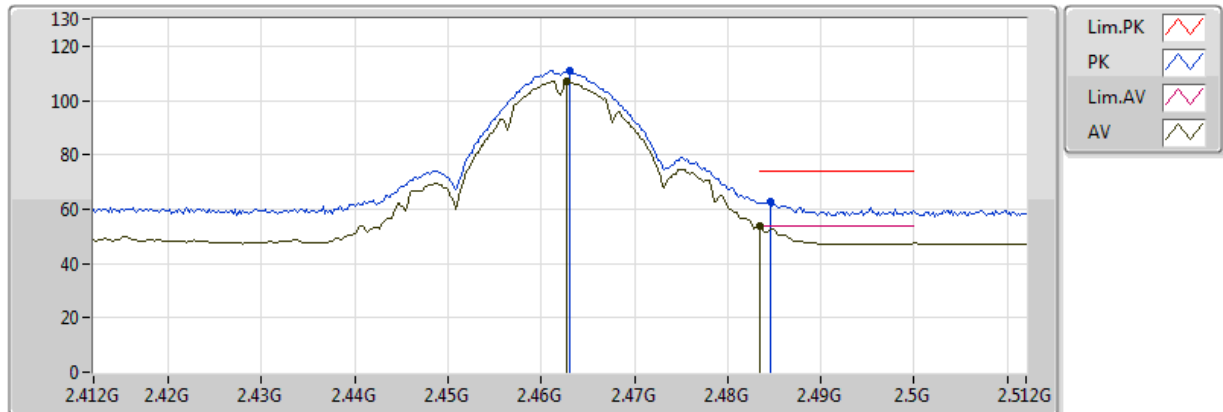


20170705  
EUT X\_1TX  
Setting 29.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 46.83         | 54.00         | -7.17      | 31.94      | 3       | H         | 326        | 1.96      | -        |
| AV   | 2.4362G   | 99.38         | Inf           | -Inf       | 32.08      | 3       | H         | 326        | 1.96      | -        |
| AV   | 2.483502G | 48.39         | 54.00         | -5.61      | 32.22      | 3       | H         | 326        | 1.96      | -        |
| PK   | 2.3866G   | 59.40         | 74.00         | -14.60     | 31.93      | 3       | H         | 326        | 1.96      | -        |
| PK   | 2.4362G   | 103.05        | Inf           | -Inf       | 32.08      | 3       | H         | 326        | 1.96      | -        |
| PK   | 2.4842G   | 61.27         | 74.00         | -12.73     | 32.22      | 3       | H         | 326        | 1.96      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

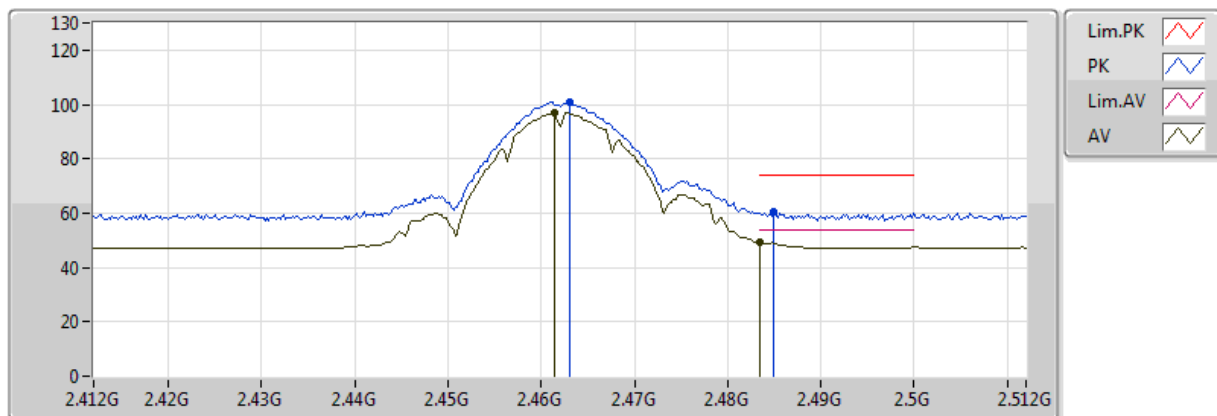


20170705  
EUT X\_1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4628G   | 107.05        | Inf           | -Inf       | 32.16      | 3       | V         | 315        | 1.28      | -        |
| AV   | 2.483502G | 53.90         | 54.00         | -0.10      | 32.22      | 3       | V         | 315        | 1.28      | -        |
| PK   | 2.463G    | 110.98        | Inf           | -Inf       | 32.16      | 3       | V         | 315        | 1.28      | -        |
| PK   | 2.4846G   | 62.77         | 74.00         | -11.23     | 32.22      | 3       | V         | 315        | 1.28      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

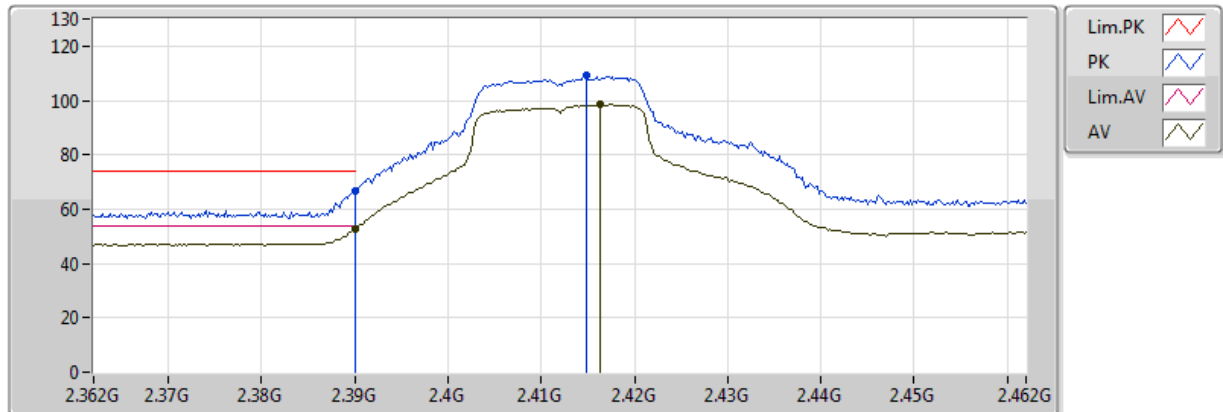


20170705  
EUT X\_1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4614G   | 97.07         | Inf           | -Inf       | 32.15      | 3       | H         | 331        | 1.53      | -        |
| AV   | 2.483502G | 49.38         | 54.00         | -4.62      | 32.22      | 3       | H         | 331        | 1.53      | -        |
| PK   | 2.463G    | 100.96        | Inf           | -Inf       | 32.16      | 3       | H         | 331        | 1.53      | -        |
| PK   | 2.485G    | 60.60         | 74.00         | -13.40     | 32.23      | 3       | H         | 331        | 1.53      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

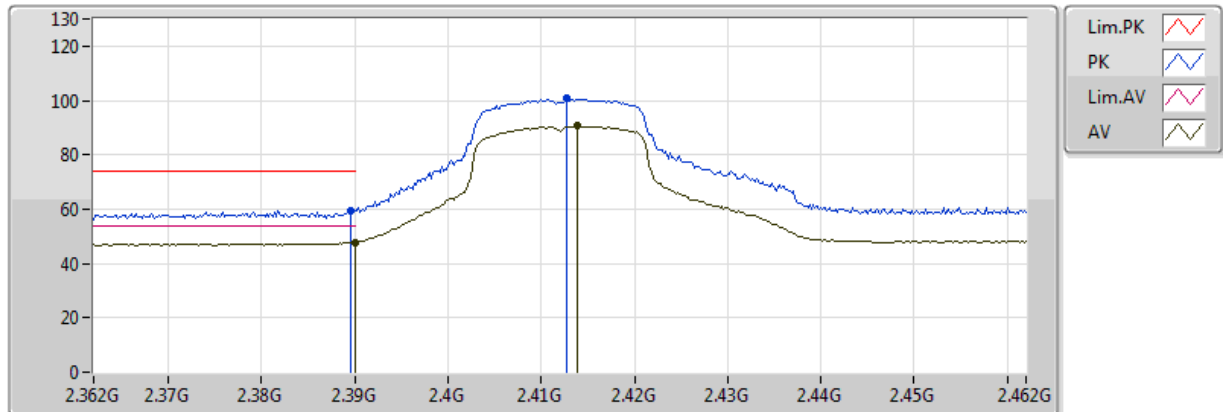


20170705  
EUT X\_1TX  
Setting 18.5 (升0.50over)  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 52.66         | 54.00         | -1.34      | 31.94      | 3       | V         | 313        | 1.37      | -        |
| AV   | 2.4164G  | 98.45         | Inf           | -Inf       | 32.02      | 3       | V         | 313        | 1.37      | -        |
| PK   | 2.39G    | 66.67         | 74.00         | -7.33      | 31.94      | 3       | V         | 313        | 1.37      | -        |
| PK   | 2.4148G  | 109.29        | Inf           | -Inf       | 32.01      | 3       | V         | 313        | 1.37      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

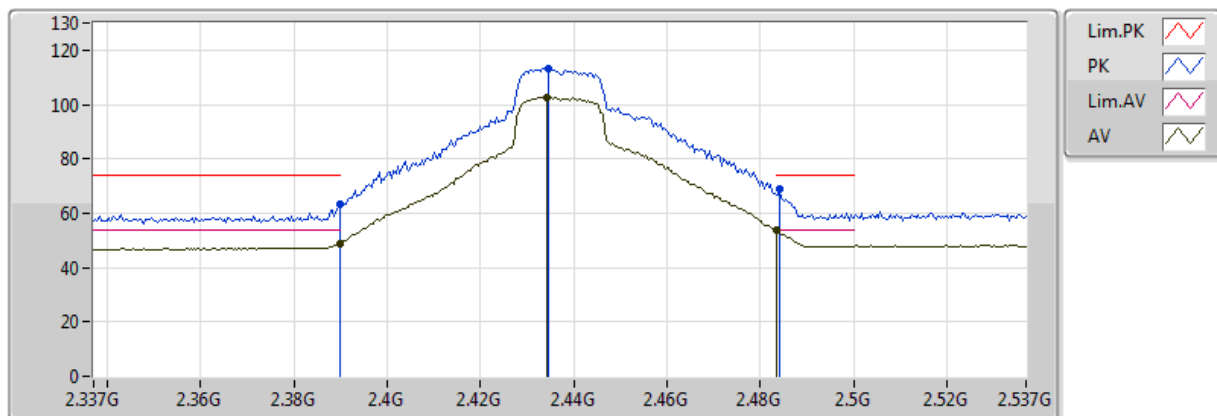


20170705  
EUT X\_1TX  
Setting 18.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 47.82         | 54.00         | -6.18      | 31.94      | 3       | H         | 333        | 1.34      | -        |
| AV   | 2.4138G  | 90.61         | Inf           | -Inf       | 32.01      | 3       | H         | 333        | 1.34      | -        |
| PK   | 2.3896G  | 59.56         | 74.00         | -14.44     | 31.94      | 3       | H         | 333        | 1.34      | -        |
| PK   | 2.4128G  | 100.94        | Inf           | -Inf       | 32.01      | 3       | H         | 333        | 1.34      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

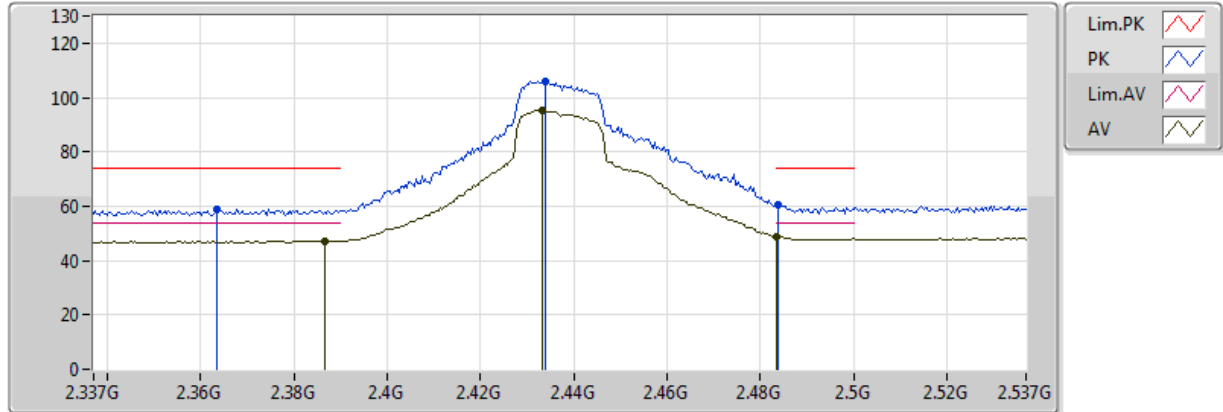


20170705  
EUT X\_1TX  
Setting 25.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 48.90         | 54.00         | -5.10      | 31.94      | 3       | V         | 311        | 1.50      | -        |
| AV   | 2.4342G   | 102.62        | Inf           | -Inf       | 32.07      | 3       | V         | 311        | 1.50      | -        |
| AV   | 2.483502G | 53.56         | 54.00         | -0.44      | 32.22      | 3       | V         | 311        | 1.50      | -        |
| PK   | 2.389998G | 63.33         | 74.00         | -10.67     | 31.94      | 3       | V         | 311        | 1.50      | -        |
| PK   | 2.4346G   | 113.33        | Inf           | -Inf       | 32.07      | 3       | V         | 311        | 1.50      | -        |
| PK   | 2.4842G   | 68.76         | 74.00         | -5.24      | 32.22      | 3       | V         | 311        | 1.50      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

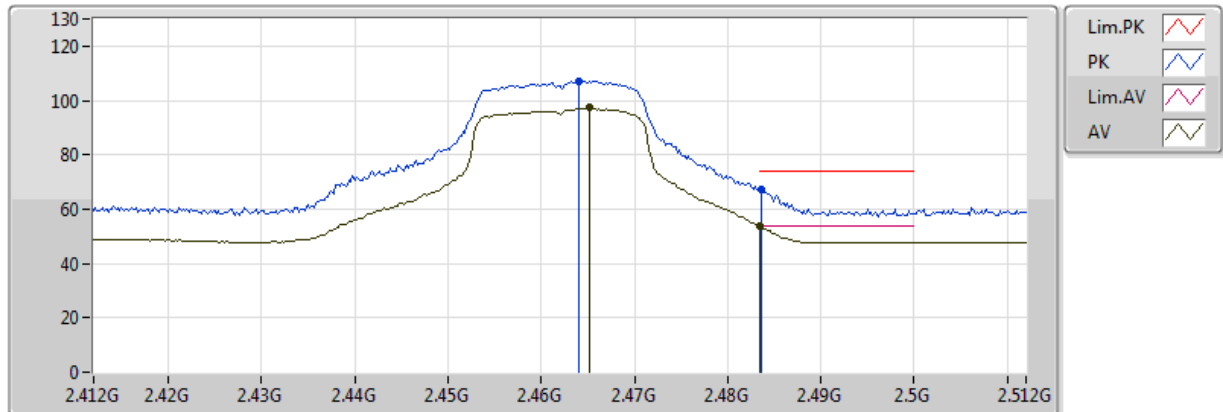


20170705  
EUT X\_1TX  
Setting 25.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3866G   | 47.20         | 54.00         | -6.80      | 31.93      | 3       | H         | 63         | 1.15      | -        |
| AV   | 2.4334G   | 95.14         | Inf           | -Inf       | 32.07      | 3       | H         | 63         | 1.15      | -        |
| AV   | 2.483502G | 48.87         | 54.00         | -5.13      | 32.22      | 3       | H         | 63         | 1.15      | -        |
| PK   | 2.3634G   | 58.80         | 74.00         | -15.20     | 31.86      | 3       | H         | 63         | 1.15      | -        |
| PK   | 2.4338G   | 105.84        | Inf           | -Inf       | 32.07      | 3       | H         | 63         | 1.15      | -        |
| PK   | 2.4838G   | 60.75         | 74.00         | -13.25     | 32.22      | 3       | H         | 63         | 1.15      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

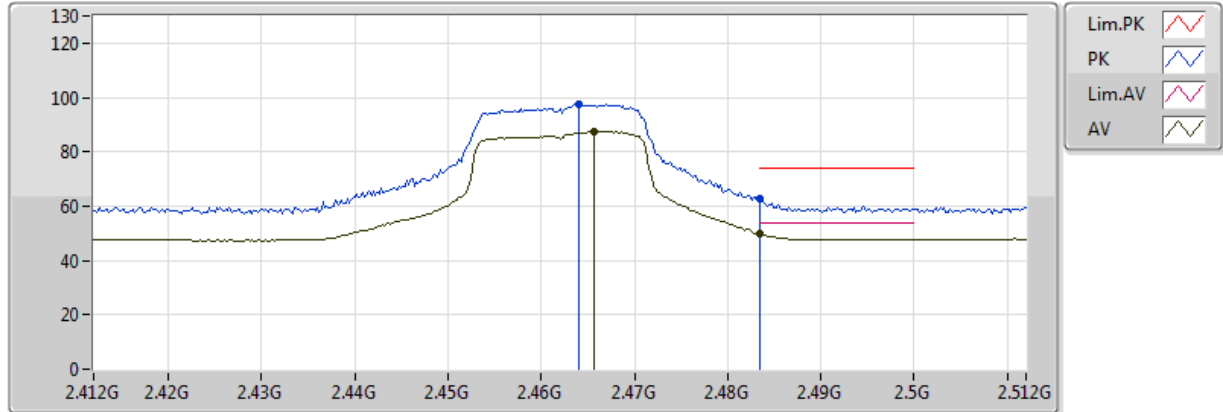


20170705  
EUT X\_1TX  
Setting 15.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4652G   | 97.26         | Inf           | -Inf       | 32.17      | 3       | V         | 317        | 1.24      | -        |
| AV   | 2.483502G | 53.59         | 54.00         | -0.41      | 32.22      | 3       | V         | 317        | 1.24      | -        |
| PK   | 2.464G    | 107.30        | Inf           | -Inf       | 32.16      | 3       | V         | 317        | 1.24      | -        |
| PK   | 2.4836G   | 67.45         | 74.00         | -6.55      | 32.22      | 3       | V         | 317        | 1.24      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

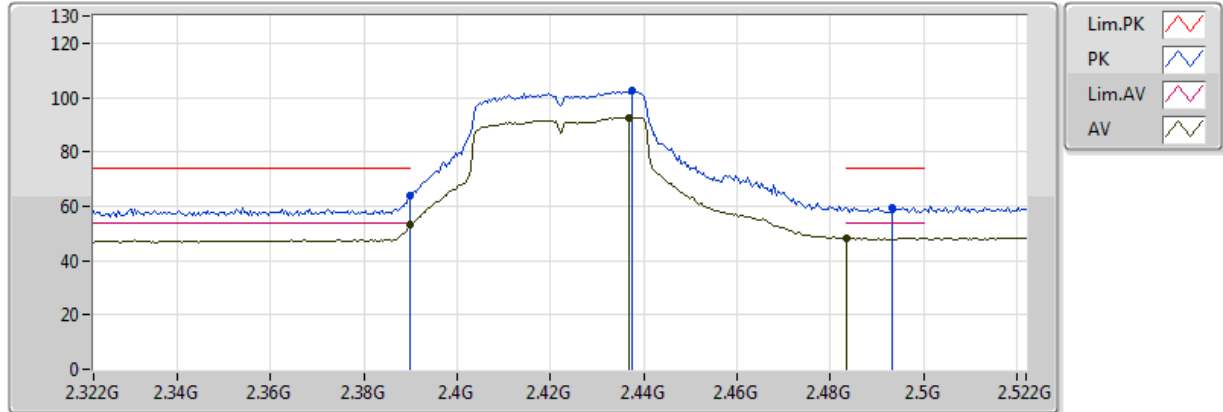


20170705  
EUT X\_1TX  
Setting 15.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.4656G   | 87.62         | Inf           | -Inf       | 32.17      | 3       | H         | 327        | 1.91      | -        |
| AV   | 2.483502G | 49.84         | 54.00         | -4.16      | 32.22      | 3       | H         | 327        | 1.91      | -        |
| PK   | 2.464G    | 97.43         | Inf           | -Inf       | 32.16      | 3       | H         | 327        | 1.91      | -        |
| PK   | 2.483502G | 62.70         | 74.00         | -11.30     | 32.22      | 3       | H         | 327        | 1.91      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

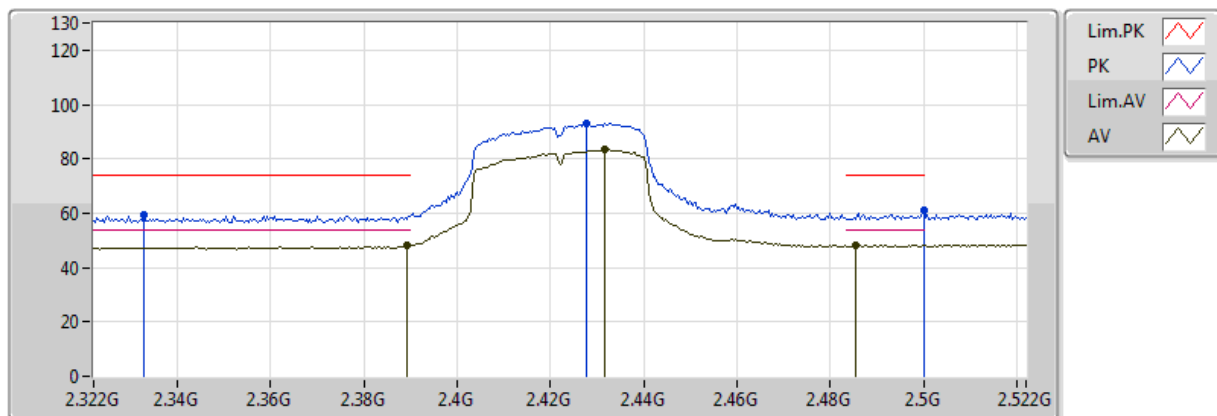


20170705  
EUT X\_1TX  
Setting 15.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.09         | 54.00         | -0.91      | 31.94      | 3       | V         | 312        | 1.51      | -        |
| AV   | 2.4368G  | 92.73         | Inf           | -Inf       | 32.08      | 3       | V         | 312        | 1.51      | -        |
| AV   | 2.4836G  | 48.46         | 54.00         | -5.54      | 32.22      | 3       | V         | 312        | 1.51      | -        |
| PK   | 2.39G    | 64.03         | 74.00         | -9.97      | 31.94      | 3       | V         | 312        | 1.51      | -        |
| PK   | 2.4376G  | 102.40        | Inf           | -Inf       | 32.08      | 3       | V         | 312        | 1.51      | -        |
| PK   | 2.4932G  | 59.61         | 74.00         | -14.39     | 32.25      | 3       | V         | 312        | 1.51      | -        |

# **802.11ac VHT40\_Nss1,(MCS0)\_1TX**

## **2422MHz\_TX**

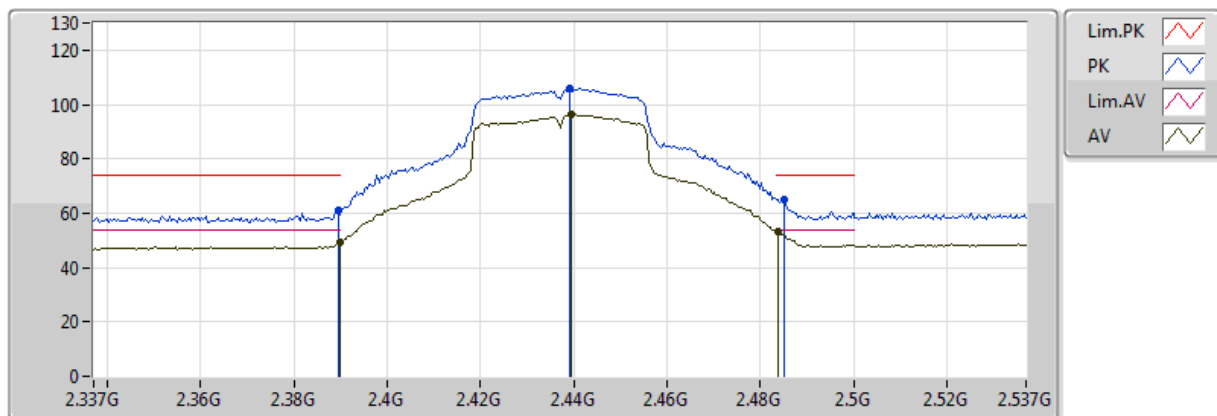


20170705  
EUT X\_1TX  
Setting 15.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3892G  | 47.93         | 54.00         | -6.07      | 31.94      | 3       | H         | 62         | 1.52      | -        |
| AV   | 2.4316G  | 83.41         | Inf           | -Inf       | 32.06      | 3       | H         | 62         | 1.52      | -        |
| AV   | 2.4856G  | 48.22         | 54.00         | -5.78      | 32.23      | 3       | H         | 62         | 1.52      | -        |
| PK   | 2.3328G  | 59.35         | 74.00         | -14.65     | 31.76      | 3       | H         | 62         | 1.52      | -        |
| PK   | 2.4276G  | 93.02         | Inf           | -Inf       | 32.05      | 3       | H         | 62         | 1.52      | -        |
| PK   | 2.5G     | 61.20         | 74.00         | -12.80     | 32.27      | 3       | H         | 62         | 1.52      | -        |

### 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

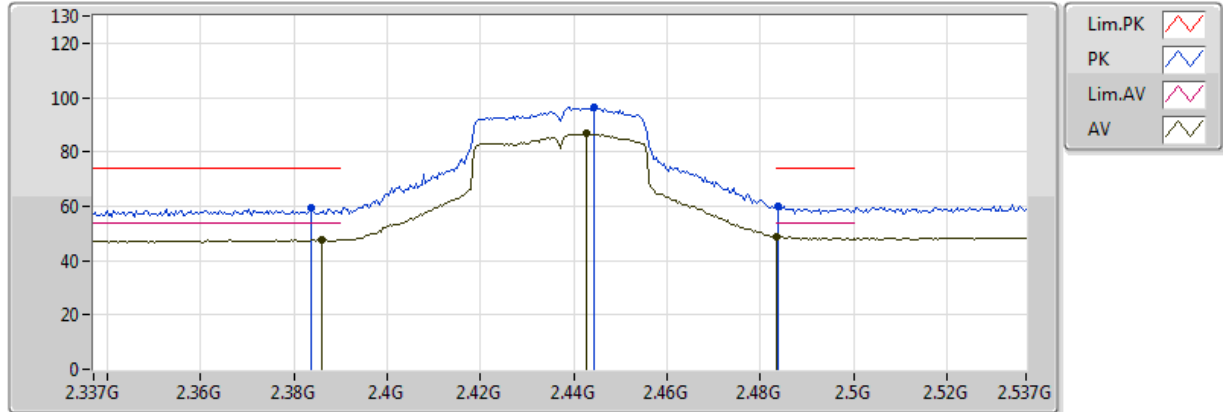


20170705  
EUT X\_1TX  
Setting 18.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 49.07         | 54.00         | -4.93      | 31.94      | 3       | V         | 313        | 1.50      | -        |
| AV   | 2.4394G   | 96.15         | Inf           | -Inf       | 32.09      | 3       | V         | 313        | 1.50      | -        |
| AV   | 2.4838G   | 53.19         | 54.00         | -0.81      | 32.22      | 3       | V         | 313        | 1.50      | -        |
| PK   | 2.3894G   | 61.35         | 74.00         | -12.65     | 31.94      | 3       | V         | 313        | 1.50      | -        |
| PK   | 2.439G    | 106.08        | Inf           | -Inf       | 32.09      | 3       | V         | 313        | 1.50      | -        |
| PK   | 2.485G    | 65.07         | 74.00         | -8.93      | 32.23      | 3       | V         | 313        | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

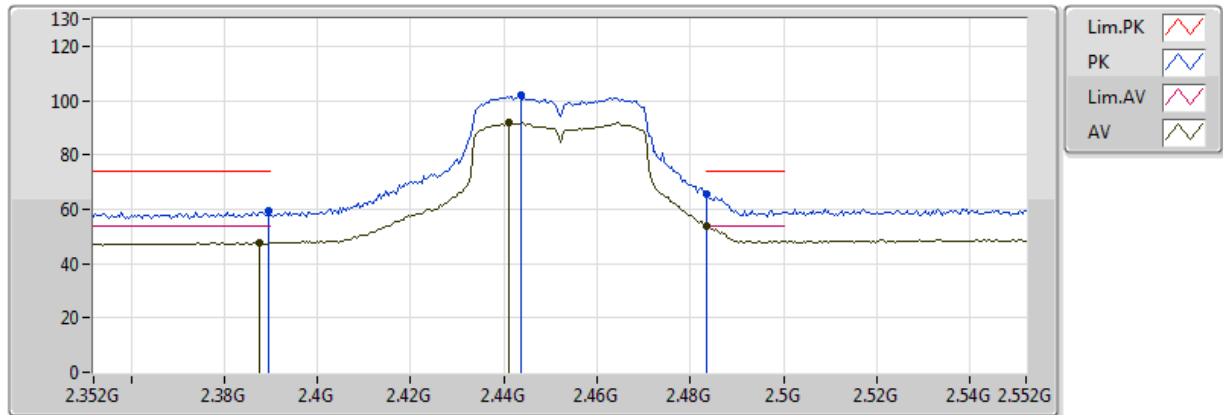


20170705  
EUT X\_1TX  
Setting 18.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3858G   | 47.79         | 54.00         | -6.21      | 31.93      | 3       | H         | 19         | 1.50      | -        |
| AV   | 2.4426G   | 86.88         | Inf           | -Inf       | 32.10      | 3       | H         | 19         | 1.50      | -        |
| AV   | 2.483502G | 48.73         | 54.00         | -5.27      | 32.22      | 3       | H         | 19         | 1.50      | -        |
| PK   | 2.3838G   | 59.32         | 74.00         | -14.68     | 31.92      | 3       | H         | 19         | 1.50      | -        |
| PK   | 2.4442G   | 96.32         | Inf           | -Inf       | 32.10      | 3       | H         | 19         | 1.50      | -        |
| PK   | 2.4838G   | 59.82         | 74.00         | -14.18     | 32.22      | 3       | H         | 19         | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

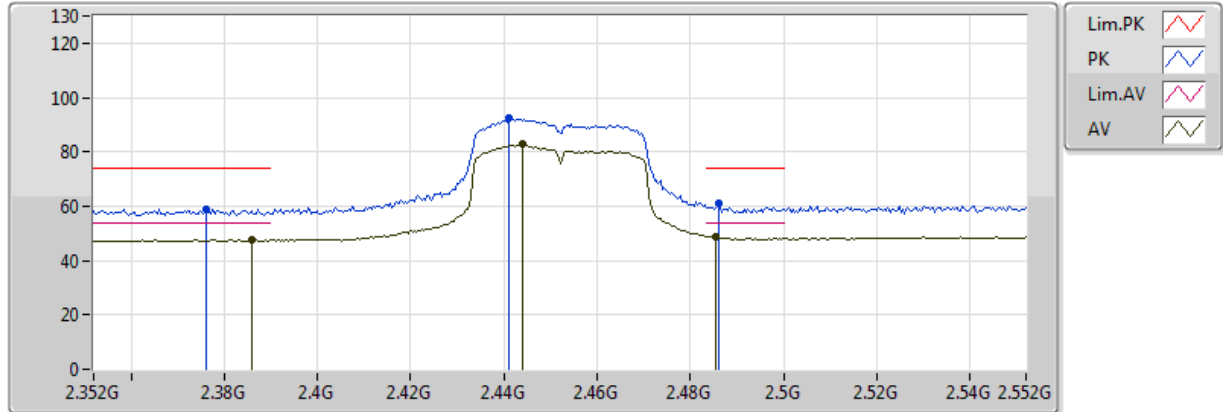


20170705  
EUT X\_1TX  
Setting 13.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3876G  | 47.67         | 54.00         | -6.33      | 31.93      | 3       | V         | 314        | 1.50      | -        |
| AV   | 2.4412G  | 91.67         | Inf           | -Inf       | 32.09      | 3       | V         | 314        | 1.50      | -        |
| AV   | 2.4836G  | 53.53         | 54.00         | -0.47      | 32.22      | 3       | V         | 314        | 1.50      | -        |
| PK   | 2.3896G  | 59.35         | 74.00         | -14.65     | 31.94      | 3       | V         | 314        | 1.50      | -        |
| PK   | 2.4436G  | 102.09        | Inf           | -Inf       | 32.10      | 3       | V         | 314        | 1.50      | -        |
| PK   | 2.4836G  | 65.71         | 74.00         | -8.29      | 32.22      | 3       | V         | 314        | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX



20170705  
EUT X\_1TX  
Setting 13.5  
02-R-1  
FSU(100015)  
ANT Omni Skynet-CO Non-TXBF

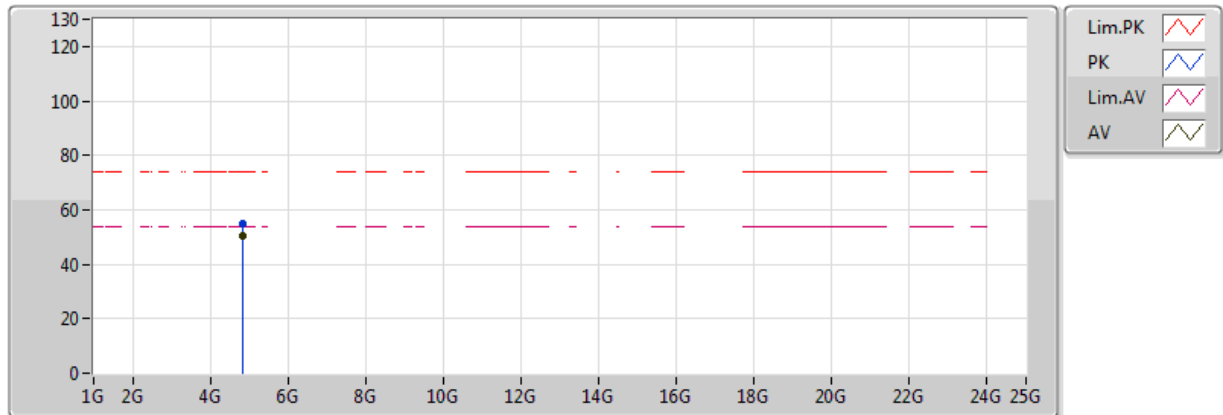
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.386G   | 47.66         | 54.00         | -6.34      | 31.93      | 3       | H         | 21         | 1.50      | -        |
| AV   | 2.444G   | 82.66         | Inf           | -Inf       | 32.10      | 3       | H         | 21         | 1.50      | -        |
| AV   | 2.4856G  | 49.02         | 54.00         | -4.98      | 32.23      | 3       | H         | 21         | 1.50      | -        |
| PK   | 2.376G   | 58.91         | 74.00         | -15.09     | 31.90      | 3       | H         | 21         | 1.50      | -        |
| PK   | 2.4412G  | 92.52         | Inf           | -Inf       | 32.09      | 3       | H         | 21         | 1.50      | -        |
| PK   | 2.486G   | 61.32         | 74.00         | -12.68     | 32.23      | 3       | H         | 21         | 1.50      | -        |

**For Set 6 antennas / 1TX:****Harmonic Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz                  | Pass   | AV   | 4.90108G     | 53.99             | 54.00             | -0.01          | 8.32           | 3           | H             | 219            | 2.47          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

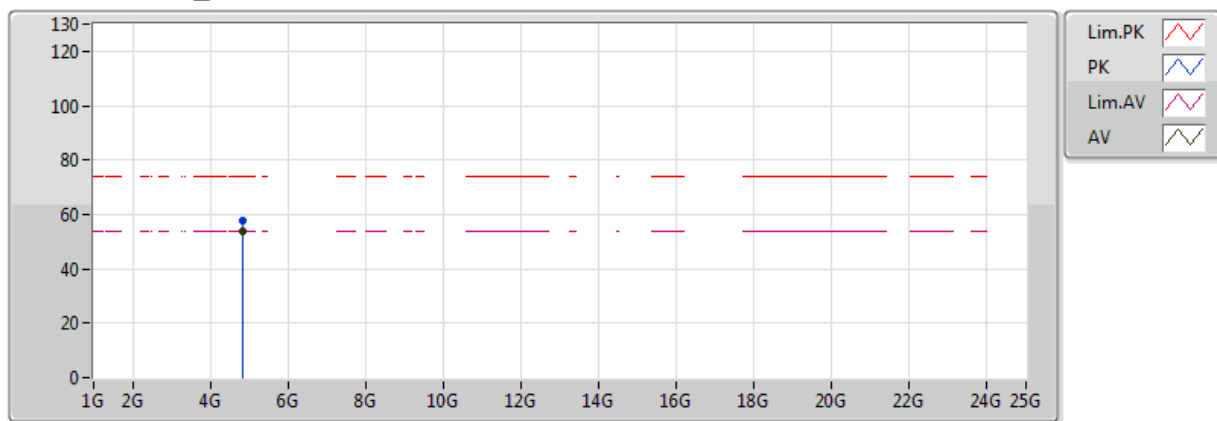


20170706  
EUT X1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82404G | 50.48         | 54.00         | -3.52      | 8.08       | 3       | V         | 35         | 1.50      | -        |
| PK   | 4.82392G | 55.02         | 74.00         | -18.98     | 8.08       | 3       | V         | 35         | 1.50      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

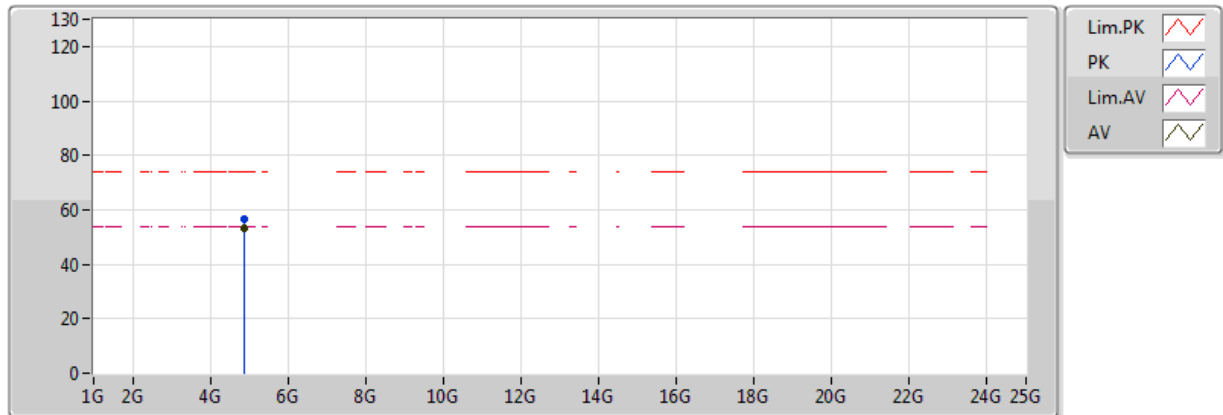


20170706  
EUT X1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82404G | 53.68         | 54.00         | -0.32      | 8.08       | 3       | H         | 101        | 1.19      | -        |
| PK   | 4.82392G | 57.54         | 74.00         | -16.46     | 8.08       | 3       | H         | 101        | 1.19      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

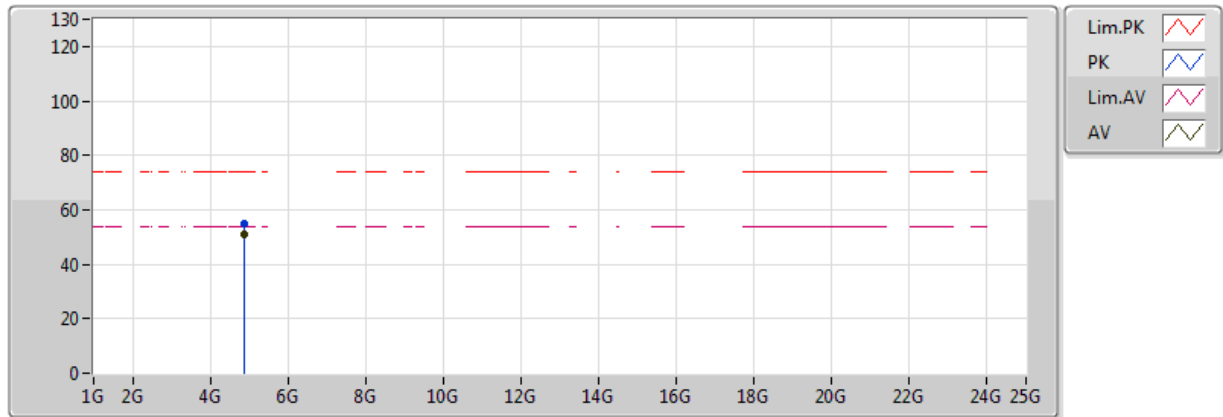


20170706  
EUT X1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87404G | 53.34         | 54.00         | -0.66      | 8.24       | 3       | V         | 99         | 2.81      | -        |
| PK   | 4.87392G | 56.86         | 74.00         | -17.14     | 8.24       | 3       | V         | 99         | 2.81      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

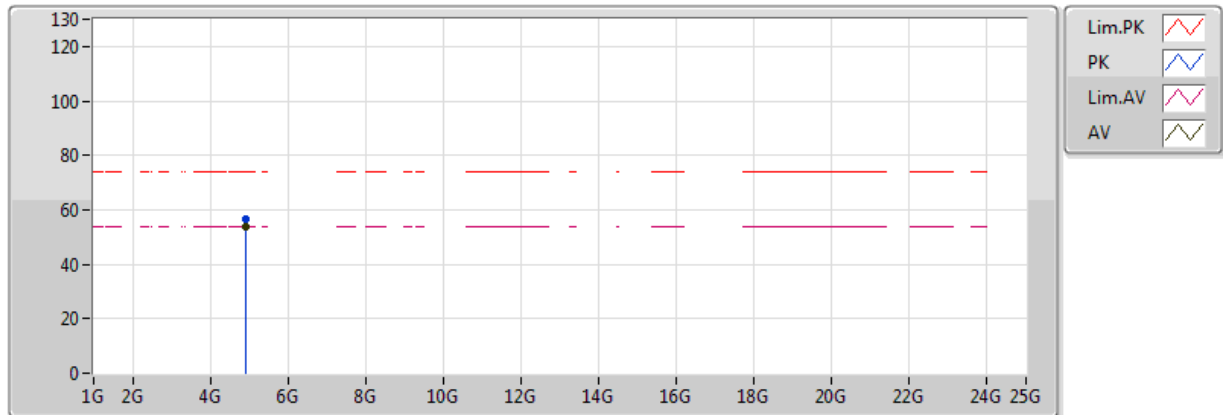


20170706  
EUT X1TX  
Setting 21.5  
02-R-1  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87404G | 50.79         | 54.00         | -3.21      | 8.24       | 3       | H         | 99         | 1.23      | -        |
| PK   | 4.87394G | 54.99         | 74.00         | -19.01     | 8.24       | 3       | H         | 99         | 1.23      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

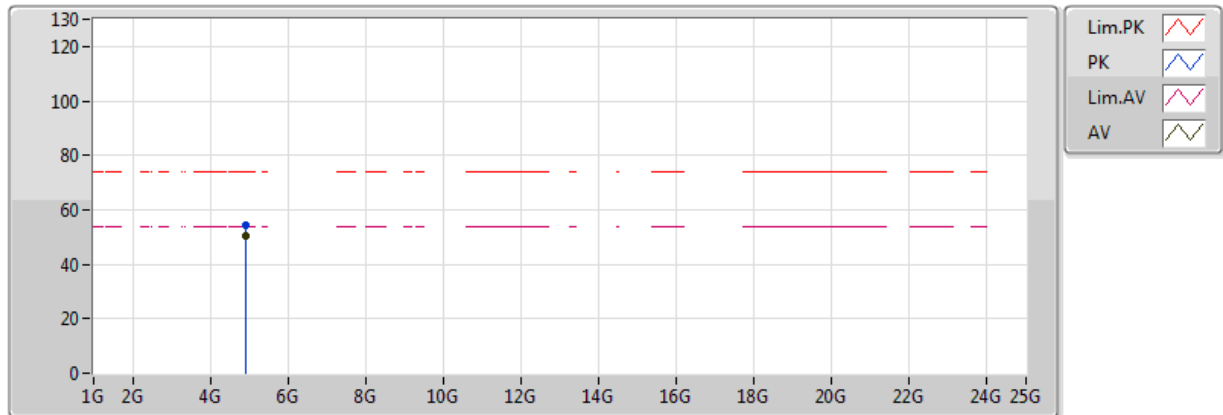


20170706  
EUT X1TX  
Setting 16  
02-R-1  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92404G | 53.81         | 54.00         | -0.19      | 8.39       | 3       | V         | 103        | 2.91      | -        |
| PK   | 4.9241G  | 56.66         | 74.00         | -17.34     | 8.39       | 3       | V         | 103        | 2.91      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

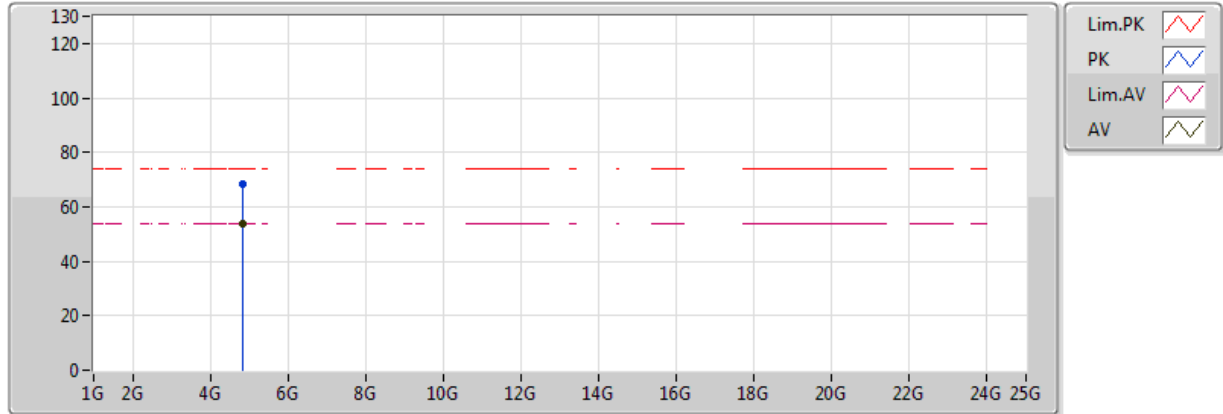


20170706  
EUT X1TX  
Setting 16  
02-R-1  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92404G | 50.52         | 54.00         | -3.48      | 8.39       | 3       | H         | 98         | 1.52      | -        |
| PK   | 4.92398G | 54.25         | 74.00         | -19.75     | 8.39       | 3       | H         | 98         | 1.52      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

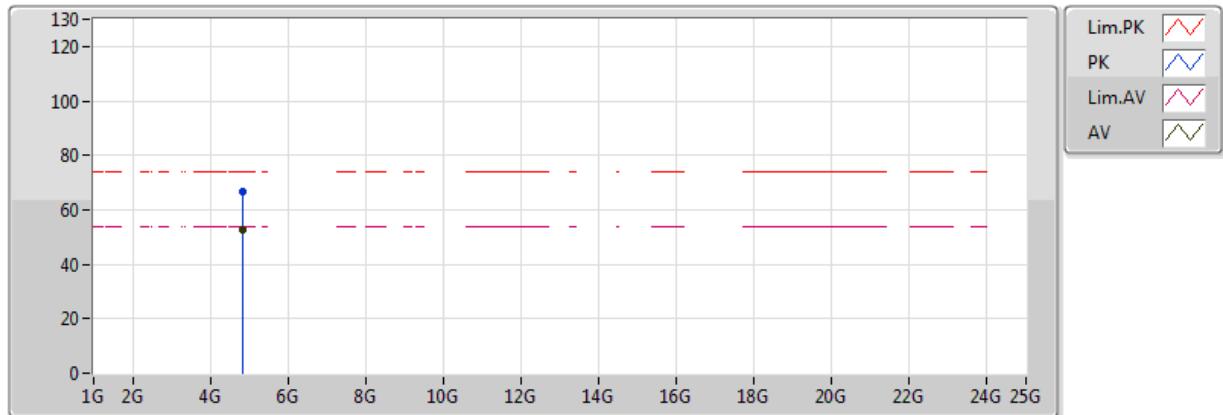


20170817  
EUT X1TX  
Setting 27  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82298G | 53.75         | 54.00         | -0.25      | 8.08       | 3       | V         | 105        | 1.50      | -        |
| PK   | 4.8192G  | 68.17         | 74.00         | -5.83      | 8.07       | 3       | V         | 105        | 1.50      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

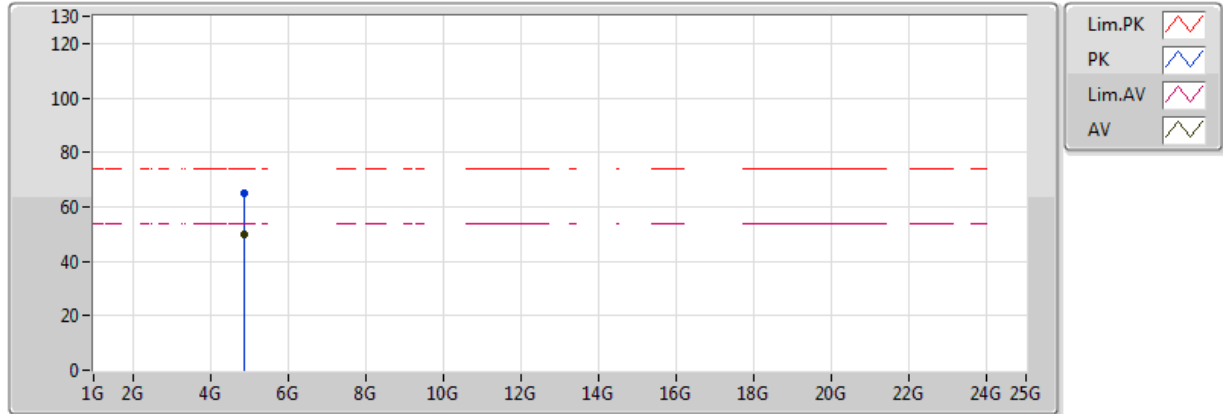


20170817  
EUT X1TX  
Setting 27  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.82172G | 52.49         | 54.00         | -1.51      | 8.08       | 3       | H         | 211        | 1.01      | -        |
| PK   | 4.82154G | 66.71         | 74.00         | -7.29      | 8.08       | 3       | H         | 211        | 1.01      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

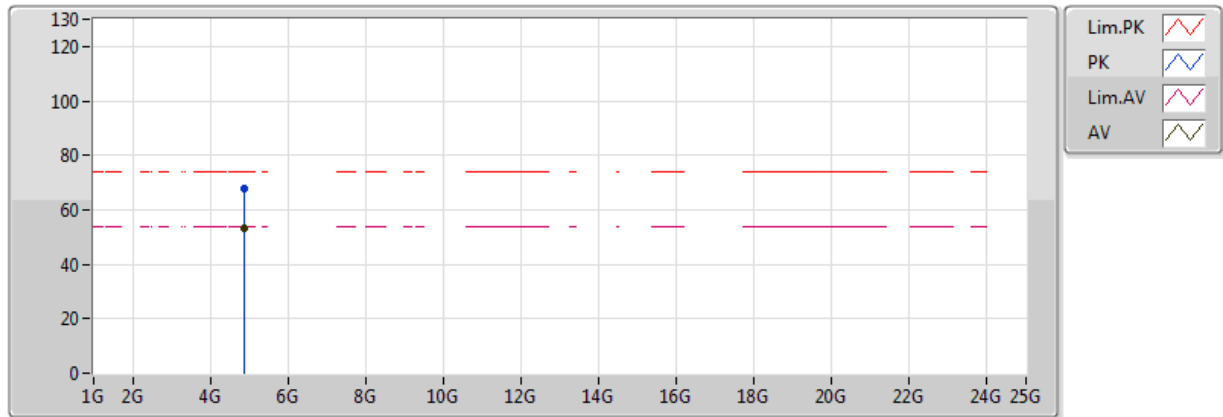


20170817  
EUT X1TX  
Setting 27  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.8688G  | 50.03         | 54.00         | -3.97      | 8.22       | 3       | V         | 104        | 1.50      | -        |
| PK   | 4.86916G | 64.97         | 74.00         | -9.03      | 8.22       | 3       | V         | 104        | 1.50      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

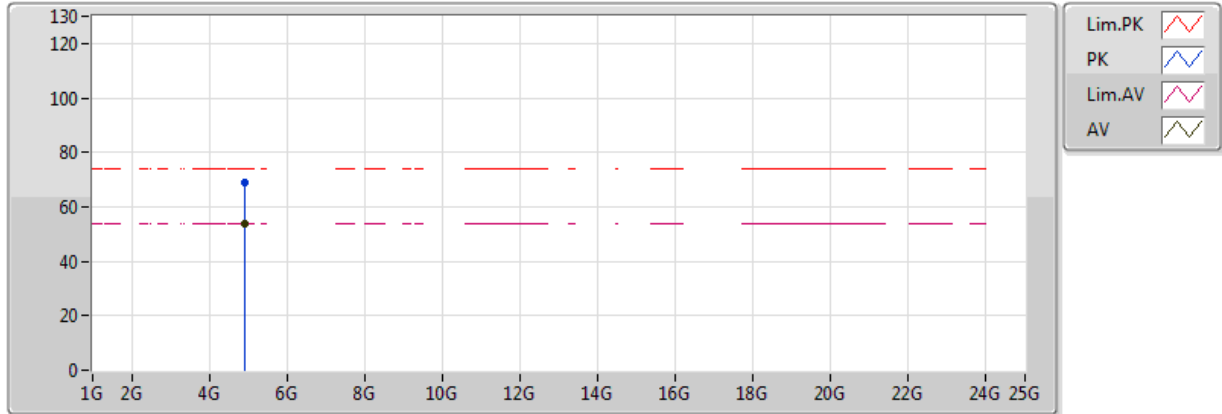


20170817  
EUT X1TX  
Setting 27  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87056G | 53.34         | 54.00         | -0.66      | 8.23       | 3       | H         | 234        | 2.39      | -        |
| PK   | 4.86936G | 67.56         | 74.00         | -6.44      | 8.23       | 3       | H         | 234        | 2.39      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

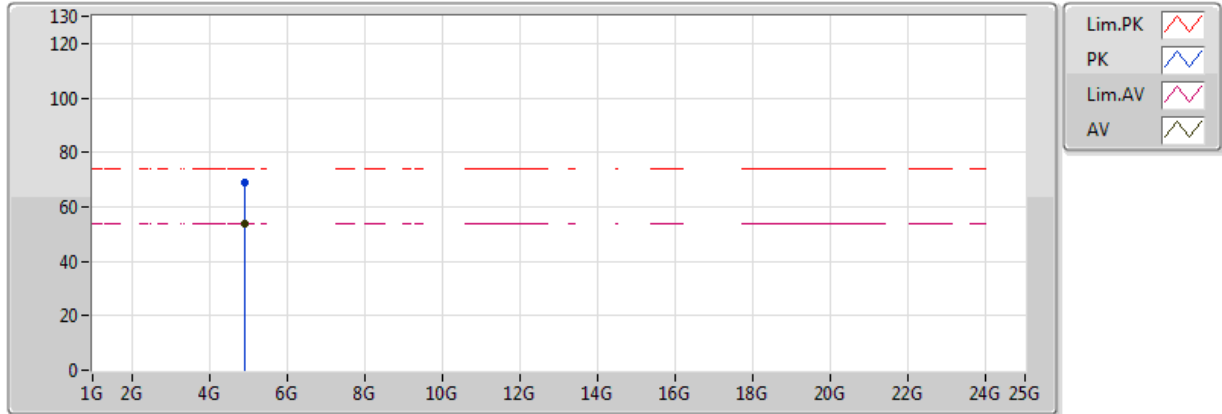


20170817  
EUT X1TX  
Setting 27  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.92448G | 53.67         | 54.00         | -0.33      | 8.40       | 3       | V         | 103        | 1.70      | -        |
| PK   | 4.932G   | 69.15         | 74.00         | -4.85      | 8.42       | 3       | V         | 103        | 1.70      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

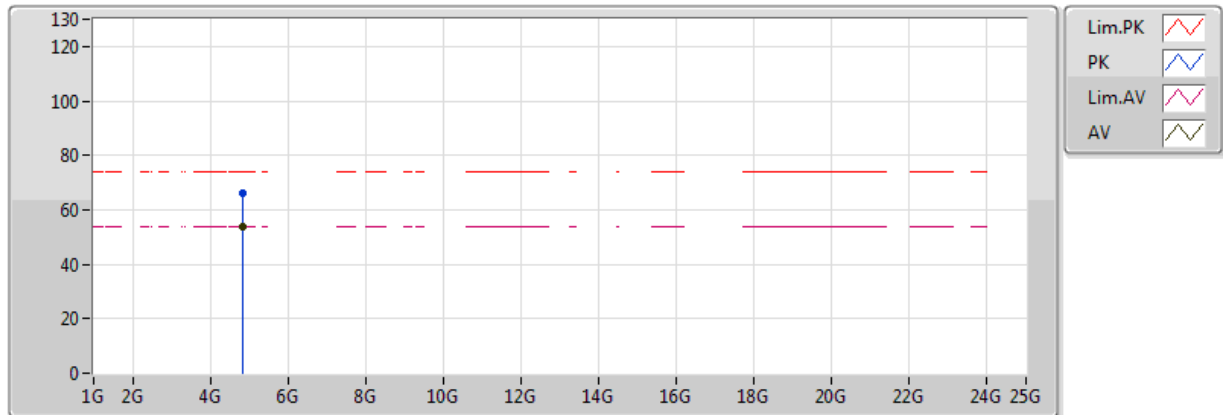


20170817  
EUT X1TX  
Setting 27  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.925G   | 53.98         | 54.00         | -0.02      | 8.40       | 3       | H         | 231        | 1.34      | -        |
| PK   | 4.9318G  | 68.80         | 74.00         | -5.20      | 8.42       | 3       | H         | 231        | 1.34      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

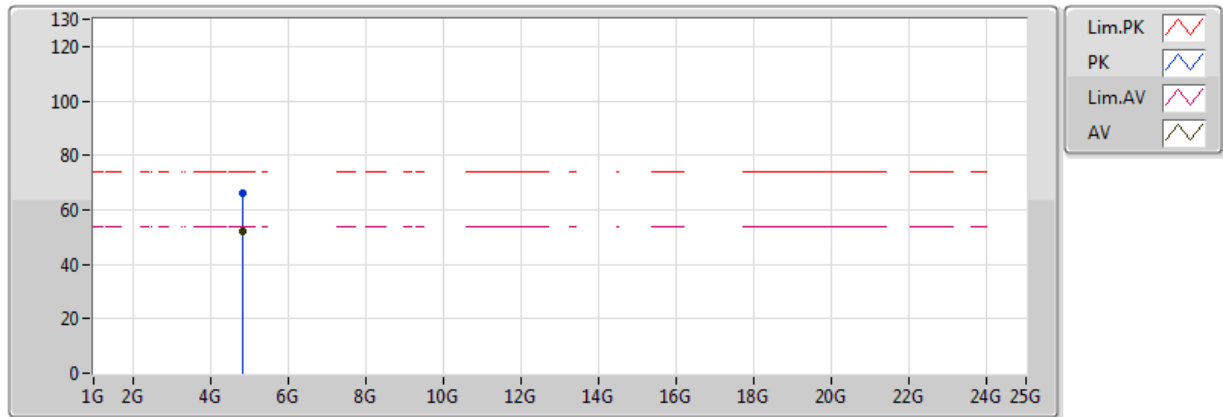


20170817  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.84284G | 53.67         | 54.00         | -0.33      | 8.14       | 3       | V         | 82         | 1.41      | -        |
| PK   | 4.84248G | 66.23         | 74.00         | -7.77      | 8.14       | 3       | V         | 82         | 1.41      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

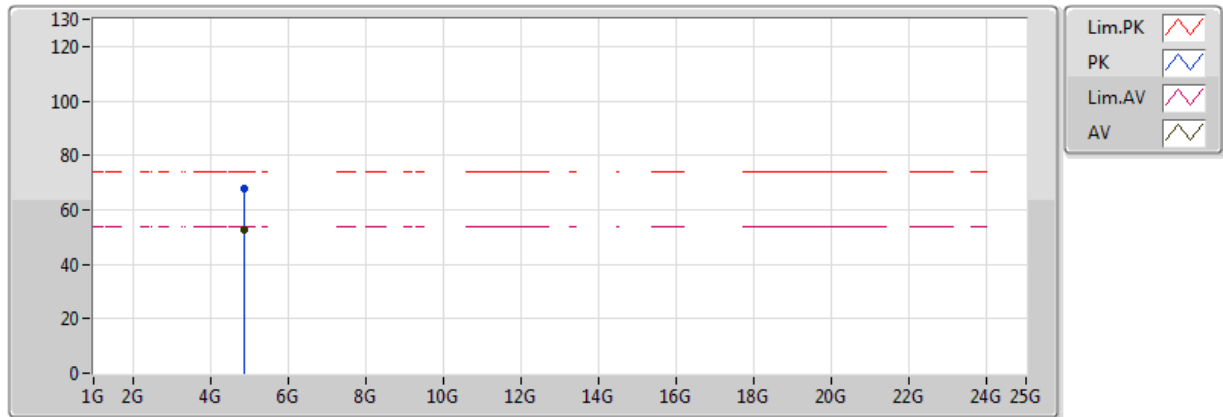


20170817  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.84456G | 52.23         | 54.00         | -1.77      | 8.15       | 3       | H         | 214        | 1.11      | -        |
| PK   | 4.84244G | 66.29         | 74.00         | -7.71      | 8.14       | 3       | H         | 214        | 1.11      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

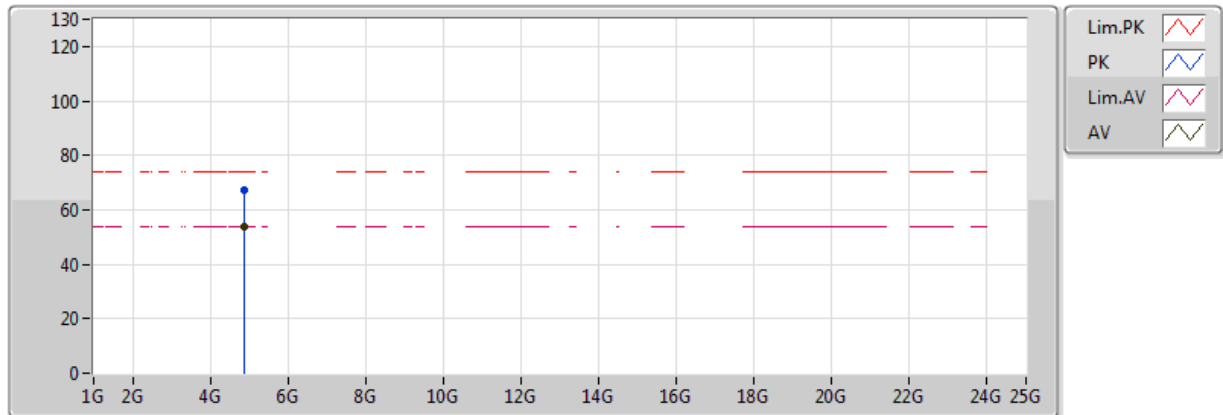


20170817  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.87232G | 52.65         | 54.00         | -1.35      | 8.23       | 3       | V         | 99         | 1.50      | -        |
| PK   | 4.8724G  | 67.62         | 74.00         | -6.38      | 8.23       | 3       | V         | 99         | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

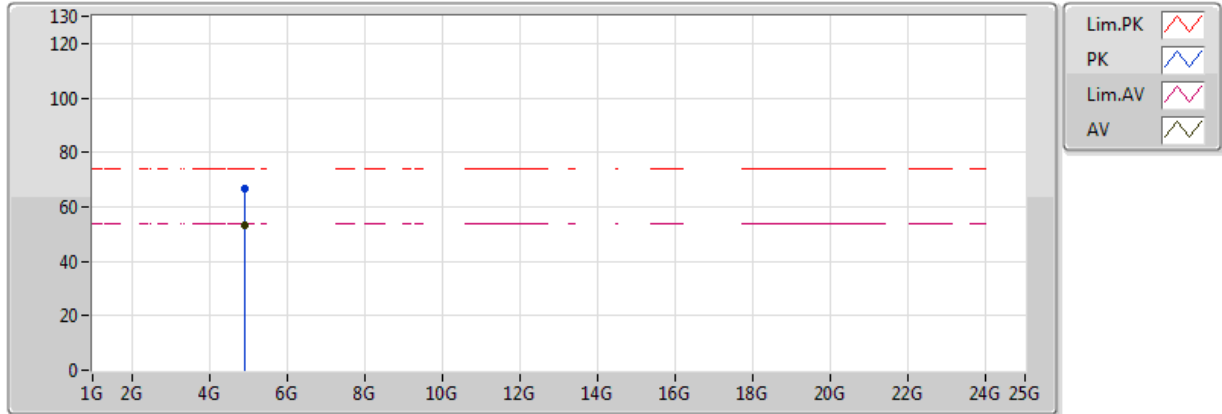


20170817  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.88008G | 53.97         | 54.00         | -0.03      | 8.26       | 3       | H         | 230        | 2.37      | -        |
| PK   | 4.8726G  | 67.36         | 74.00         | -6.64      | 8.24       | 3       | H         | 230        | 2.37      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

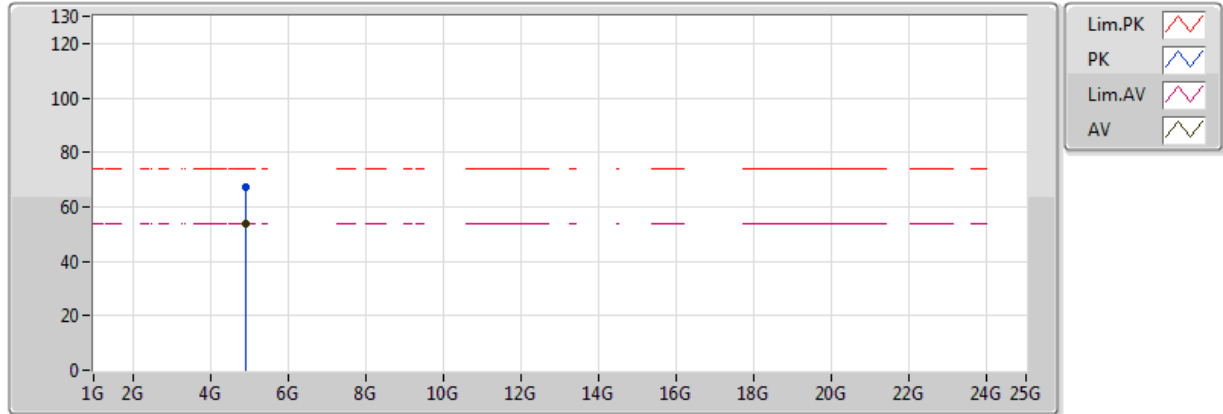


20170817  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.90496G | 53.25         | 54.00         | -0.75      | 8.34       | 3       | V         | 92         | 1.74      | -        |
| PK   | 4.90664G | 66.57         | 74.00         | -7.43      | 8.34       | 3       | V         | 92         | 1.74      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX



20170817  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

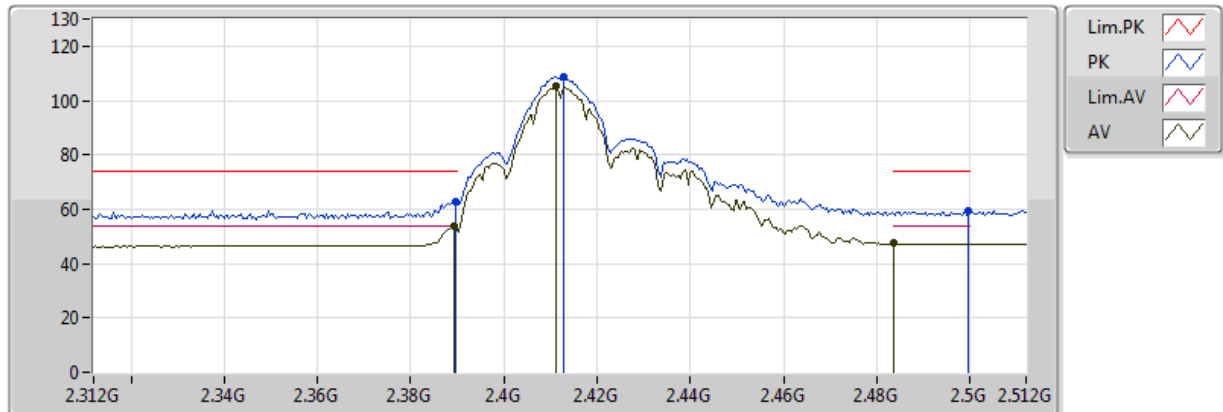
| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 4.90108G | 53.99         | 54.00         | -0.01      | 8.32       | 3       | H         | 219        | 2.47      | -        |
| PK   | 4.90232G | 67.33         | 74.00         | -6.67      | 8.33       | 3       | H         | 219        | 2.47      | -        |

**Band Edge Emission Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Pol.<br>(H/V) | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|---------------|----------------|---------------|----------|
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -             | -              | -             | -        |
| 2.4-2.4835GHz                  | Pass   | AV   | 2.4838G      | 53.98             | 54.00             | -0.02          | 32.22          | 3           | V             | 62             | 1.45          | -        |

## 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

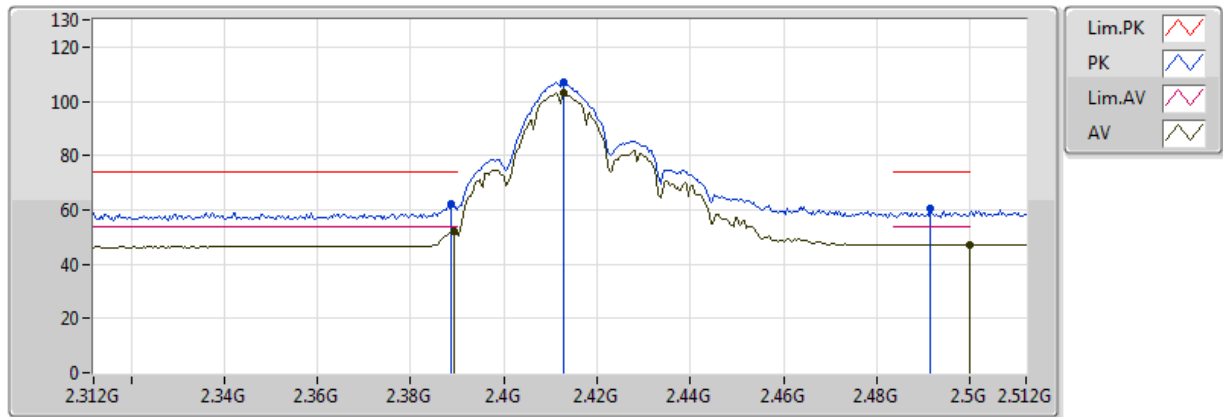


20170701  
EUT X1TX  
Setting 28  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3892G  | 53.69         | 54.00         | -0.31      | 31.94      | 3       | V         | 60         | 1.06      | -        |
| AV   | 2.4112G  | 105.08        | Inf           | -Inf       | 32.00      | 3       | V         | 60         | 1.06      | -        |
| AV   | 2.4836G  | 47.36         | 54.00         | -6.64      | 32.22      | 3       | V         | 60         | 1.06      | -        |
| PK   | 2.3896G  | 62.55         | 74.00         | -11.45     | 31.94      | 3       | V         | 60         | 1.06      | -        |
| PK   | 2.4128G  | 108.78        | Inf           | -Inf       | 32.01      | 3       | V         | 60         | 1.06      | -        |
| PK   | 2.4996G  | 59.52         | 74.00         | -14.48     | 32.27      | 3       | V         | 60         | 1.06      | -        |

### 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

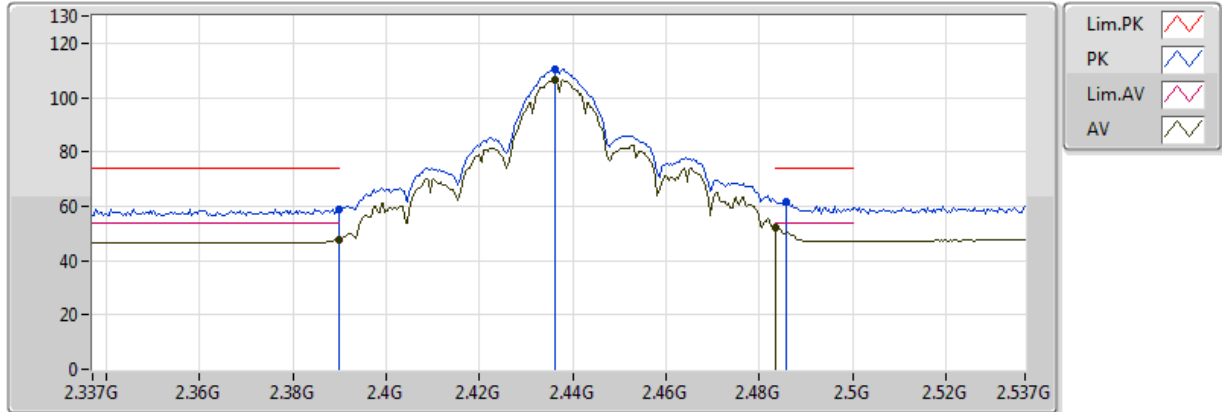


20170701  
EUT X1TX  
Setting 28  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3892G  | 52.38         | 54.00         | -1.62      | 31.94      | 3       | H         | 73         | 2.80      | -        |
| AV   | 2.4128G  | 102.99        | Inf           | -Inf       | 32.01      | 3       | H         | 73         | 2.80      | -        |
| AV   | 2.5G     | 47.24         | 54.00         | -6.76      | 32.27      | 3       | H         | 73         | 2.80      | -        |
| PK   | 2.3888G  | 62.11         | 74.00         | -11.89     | 31.94      | 3       | H         | 73         | 2.80      | -        |
| PK   | 2.4128G  | 106.84        | Inf           | -Inf       | 32.01      | 3       | H         | 73         | 2.80      | -        |
| PK   | 2.4916G  | 60.76         | 74.00         | -13.24     | 32.24      | 3       | H         | 73         | 2.80      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

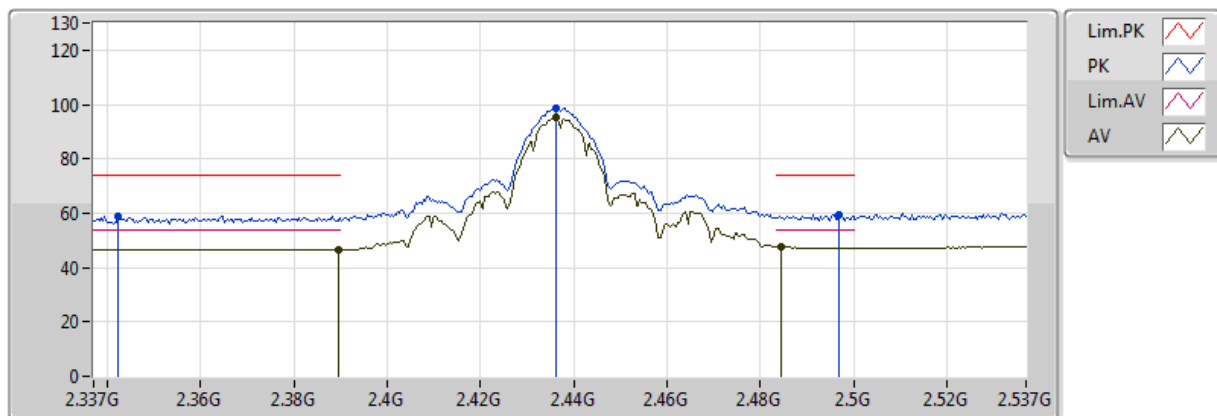


20170701  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 47.77         | 54.00         | -6.23      | 31.94      | 3       | V         | 67         | 1.47      | -        |
| AV   | 2.4362G   | 106.74        | Inf           | -Inf       | 32.08      | 3       | V         | 67         | 1.47      | -        |
| AV   | 2.483502G | 52.14         | 54.00         | -1.86      | 32.22      | 3       | V         | 67         | 1.47      | -        |
| PK   | 2.389998G | 59.10         | 74.00         | -14.90     | 31.94      | 3       | V         | 67         | 1.47      | -        |
| PK   | 2.4362G   | 110.37        | Inf           | -Inf       | 32.08      | 3       | V         | 67         | 1.47      | -        |
| PK   | 2.4858G   | 61.75         | 74.00         | -12.25     | 32.23      | 3       | V         | 67         | 1.47      | -        |

### 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

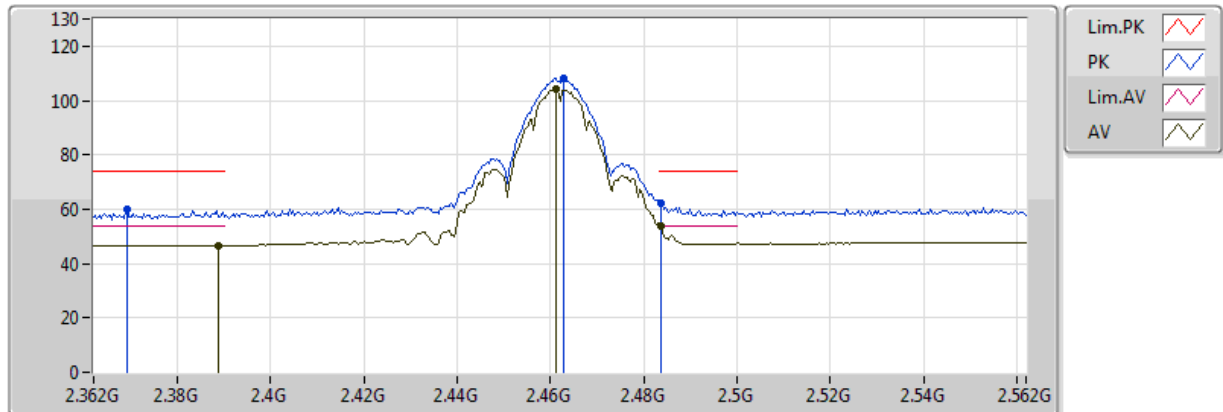


20170701  
EUT X1TX  
Setting 30  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3894G  | 46.67         | 54.00         | -7.33      | 31.94      | 3       | H         | 223        | 1.68      | -        |
| AV   | 2.4362G  | 95.05         | Inf           | -Inf       | 32.08      | 3       | H         | 223        | 1.68      | -        |
| AV   | 2.4846G  | 47.61         | 54.00         | -6.39      | 32.22      | 3       | H         | 223        | 1.68      | -        |
| PK   | 2.3422G  | 58.84         | 74.00         | -15.16     | 31.79      | 3       | H         | 223        | 1.68      | -        |
| PK   | 2.4362G  | 98.89         | Inf           | -Inf       | 32.08      | 3       | H         | 223        | 1.68      | -        |
| PK   | 2.497G   | 59.50         | 74.00         | -14.50     | 32.26      | 3       | H         | 223        | 1.68      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

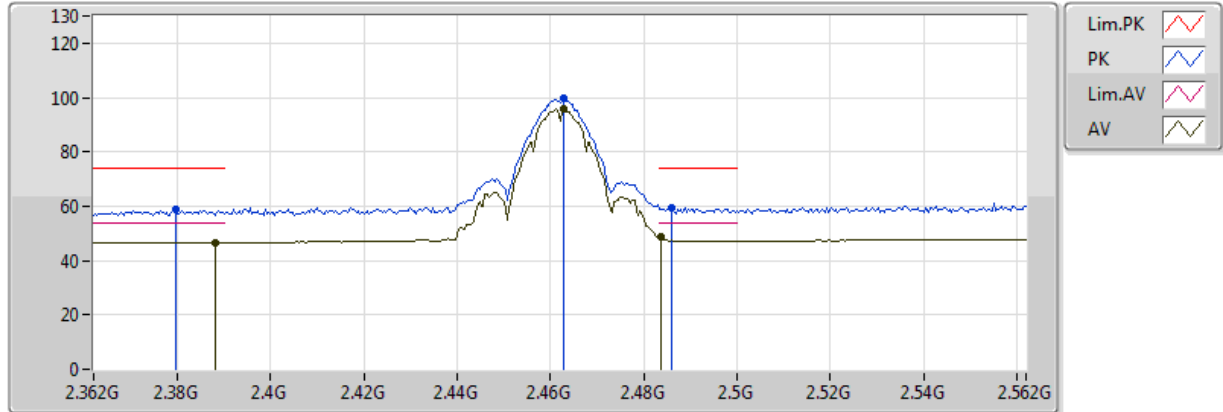


20170701  
EUT X1TX  
Setting 23.5  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3888G  | 46.71         | 54.00         | -7.29      | 31.94      | 3       | V         | 43         | 1.03      | -        |
| AV   | 2.4612G  | 104.45        | Inf           | -Inf       | 32.15      | 3       | V         | 43         | 1.03      | -        |
| AV   | 2.4836G  | 53.91         | 54.00         | -0.09      | 32.22      | 3       | V         | 43         | 1.03      | -        |
| PK   | 2.3692G  | 59.71         | 74.00         | -14.29     | 31.87      | 3       | V         | 43         | 1.03      | -        |
| PK   | 2.4628G  | 108.14        | Inf           | -Inf       | 32.16      | 3       | V         | 43         | 1.03      | -        |
| PK   | 2.4836G  | 61.95         | 74.00         | -12.05     | 32.22      | 3       | V         | 43         | 1.03      | -        |

## 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

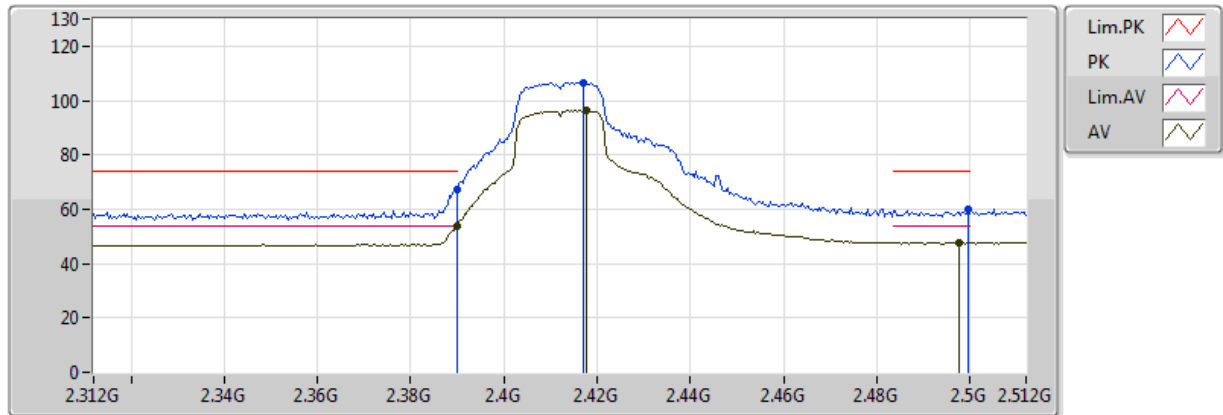


20170701  
EUT X1TX  
Setting 23.5  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.388G   | 46.65         | 54.00         | -7.35      | 31.93      | 3       | H         | 311        | 2.25      | -        |
| AV   | 2.4628G  | 95.80         | Inf           | -Inf       | 32.16      | 3       | H         | 311        | 2.25      | -        |
| AV   | 2.4836G  | 48.64         | 54.00         | -5.36      | 32.22      | 3       | H         | 311        | 2.25      | -        |
| PK   | 2.3796G  | 58.58         | 74.00         | -15.42     | 31.91      | 3       | H         | 311        | 2.25      | -        |
| PK   | 2.4628G  | 99.59         | Inf           | -Inf       | 32.16      | 3       | H         | 311        | 2.25      | -        |
| PK   | 2.486G   | 59.67         | 74.00         | -14.33     | 32.23      | 3       | H         | 311        | 2.25      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

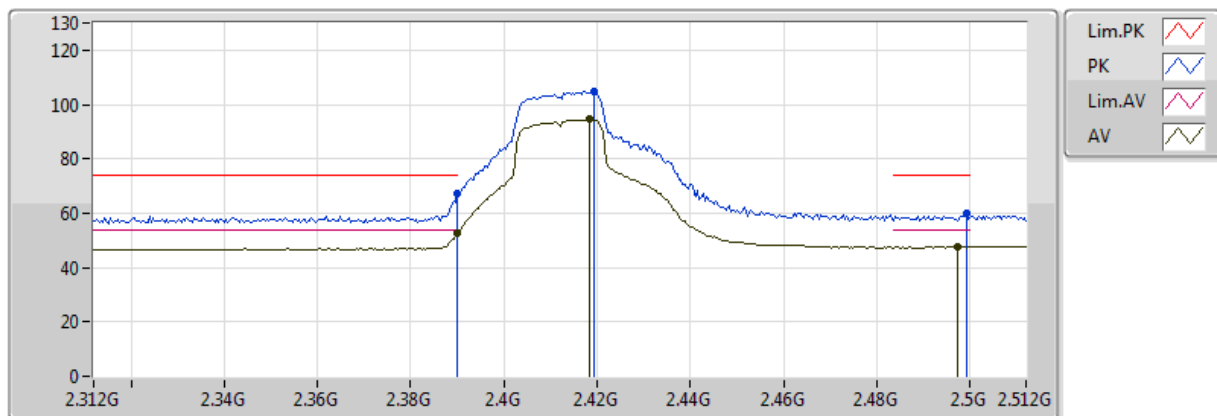


20170701  
EUT X1TX  
Setting 21  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.89         | 54.00         | -0.11      | 31.94      | 3       | V         | 56         | 1.08      | -        |
| AV   | 2.4176G  | 96.56         | Inf           | -Inf       | 32.02      | 3       | V         | 56         | 1.08      | -        |
| AV   | 2.4976G  | 47.69         | 54.00         | -6.31      | 32.26      | 3       | V         | 56         | 1.08      | -        |
| PK   | 2.39G    | 66.99         | 74.00         | -7.01      | 31.94      | 3       | V         | 56         | 1.08      | -        |
| PK   | 2.4172G  | 106.58        | Inf           | -Inf       | 32.02      | 3       | V         | 56         | 1.08      | -        |
| PK   | 2.4996G  | 59.98         | 74.00         | -14.02     | 32.27      | 3       | V         | 56         | 1.08      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

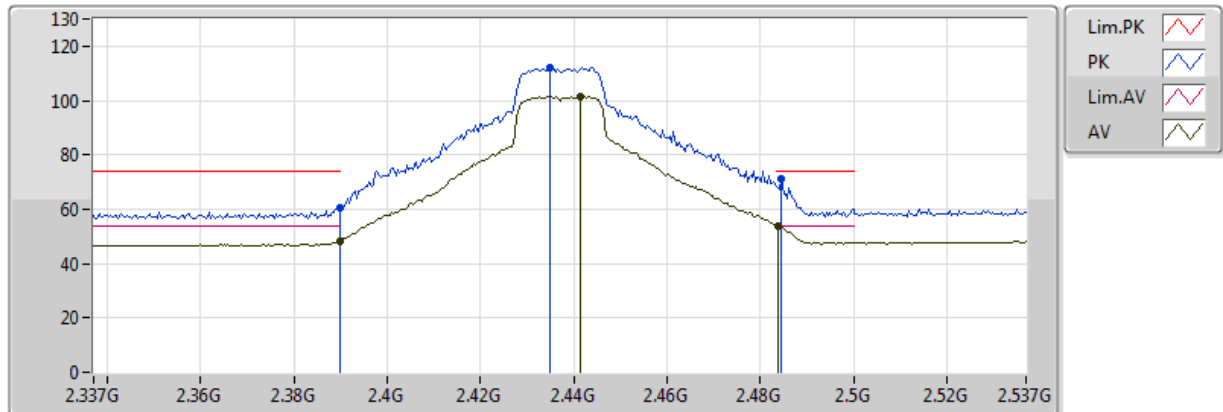


20170701  
EUT X1TX  
Setting 21  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 52.51         | 54.00         | -1.49      | 31.94      | 3       | H         | 67         | 2.79      | -        |
| AV   | 2.4184G  | 94.70         | Inf           | -Inf       | 32.03      | 3       | H         | 67         | 2.79      | -        |
| AV   | 2.4972G  | 47.64         | 54.00         | -6.36      | 32.26      | 3       | H         | 67         | 2.79      | -        |
| PK   | 2.39G    | 67.02         | 74.00         | -6.98      | 31.94      | 3       | H         | 67         | 2.79      | -        |
| PK   | 2.4192G  | 105.00        | Inf           | -Inf       | 32.03      | 3       | H         | 67         | 2.79      | -        |
| PK   | 2.4992G  | 60.00         | 74.00         | -14.00     | 32.27      | 3       | H         | 67         | 2.79      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

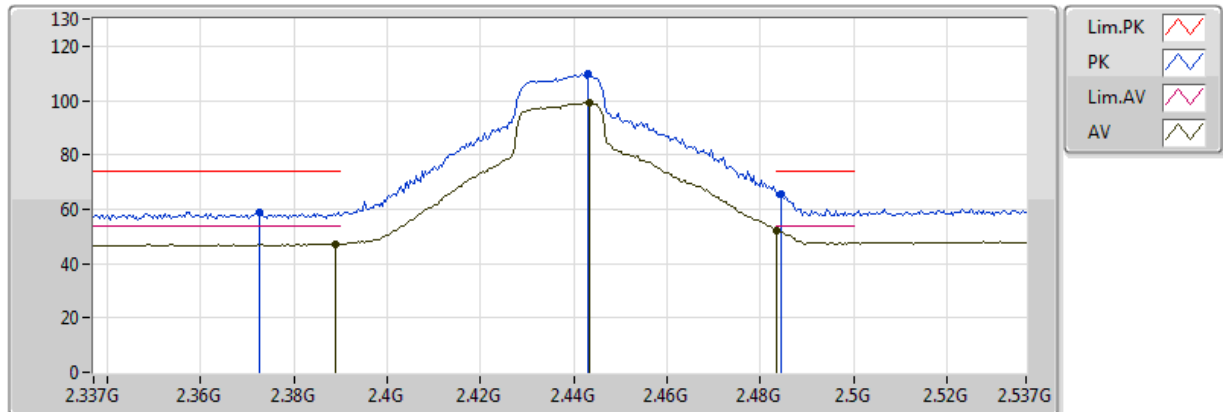


20170701  
EUT X1TX  
Setting 26  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389998G | 48.46         | 54.00         | -5.54      | 31.94      | 3       | V         | 62         | 1.45      | -        |
| AV   | 2.4414G   | 101.49        | Inf           | -Inf       | 32.09      | 3       | V         | 62         | 1.45      | -        |
| AV   | 2.4838G   | 53.98         | 54.00         | -0.02      | 32.22      | 3       | V         | 62         | 1.45      | -        |
| PK   | 2.389998G | 60.66         | 74.00         | -13.34     | 31.94      | 3       | V         | 62         | 1.45      | -        |
| PK   | 2.435G    | 111.97        | Inf           | -Inf       | 32.08      | 3       | V         | 62         | 1.45      | -        |
| PK   | 2.4846G   | 70.93         | 74.00         | -3.07      | 32.22      | 3       | V         | 62         | 1.45      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

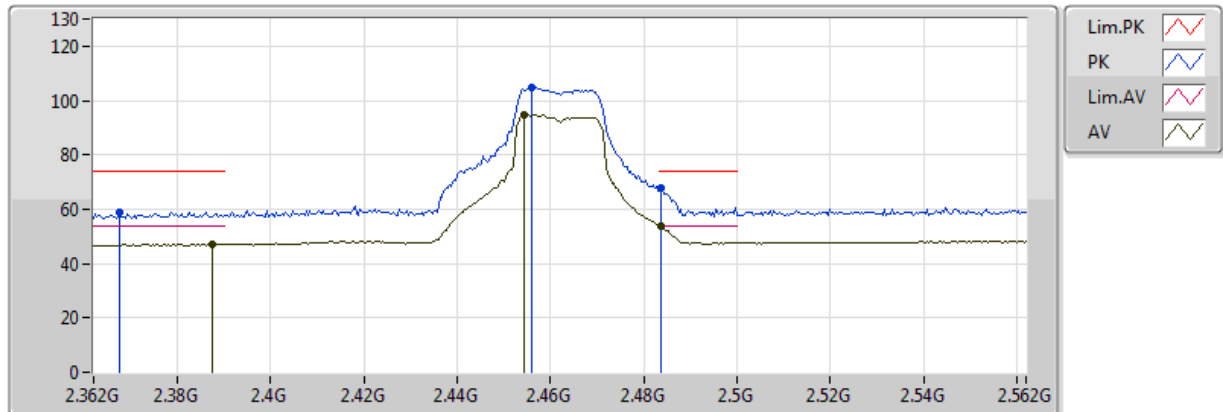


20170701  
EUT X1TX  
Setting 26  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.389G    | 47.10         | 54.00         | -6.90      | 31.94      | 3       | H         | 82         | 2.99      | -        |
| AV   | 2.4434G   | 99.12         | Inf           | -Inf       | 32.10      | 3       | H         | 82         | 2.99      | -        |
| AV   | 2.483502G | 52.28         | 54.00         | -1.72      | 32.22      | 3       | H         | 82         | 2.99      | -        |
| PK   | 2.3726G   | 59.09         | 74.00         | -14.91     | 31.89      | 3       | H         | 82         | 2.99      | -        |
| PK   | 2.443G    | 109.71        | Inf           | -Inf       | 32.10      | 3       | H         | 82         | 2.99      | -        |
| PK   | 2.4846G   | 65.78         | 74.00         | -8.22      | 32.22      | 3       | H         | 82         | 2.99      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

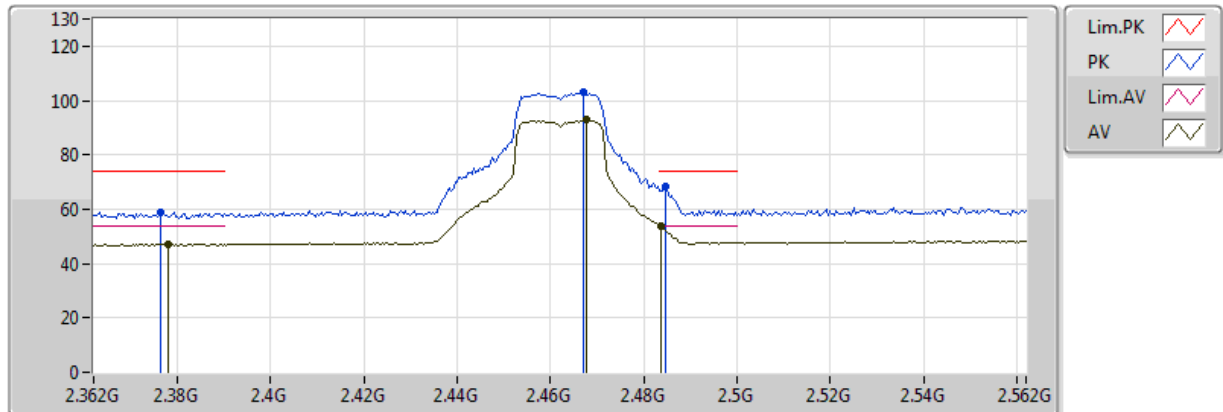


20170701  
EUT X1TX  
Setting 16.5  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3876G  | 47.04         | 54.00         | -6.96      | 31.93      | 3       | V         | 37         | 2.20      | -        |
| AV   | 2.4544G  | 94.64         | Inf           | -Inf       | 32.13      | 3       | V         | 37         | 2.20      | -        |
| AV   | 2.4836G  | 53.82         | 54.00         | -0.18      | 32.22      | 3       | V         | 37         | 2.20      | -        |
| PK   | 2.3676G  | 59.11         | 74.00         | -14.89     | 31.87      | 3       | V         | 37         | 2.20      | -        |
| PK   | 2.456G   | 104.61        | Inf           | -Inf       | 32.14      | 3       | V         | 37         | 2.20      | -        |
| PK   | 2.4836G  | 67.96         | 74.00         | -6.04      | 32.22      | 3       | V         | 37         | 2.20      | -        |

## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

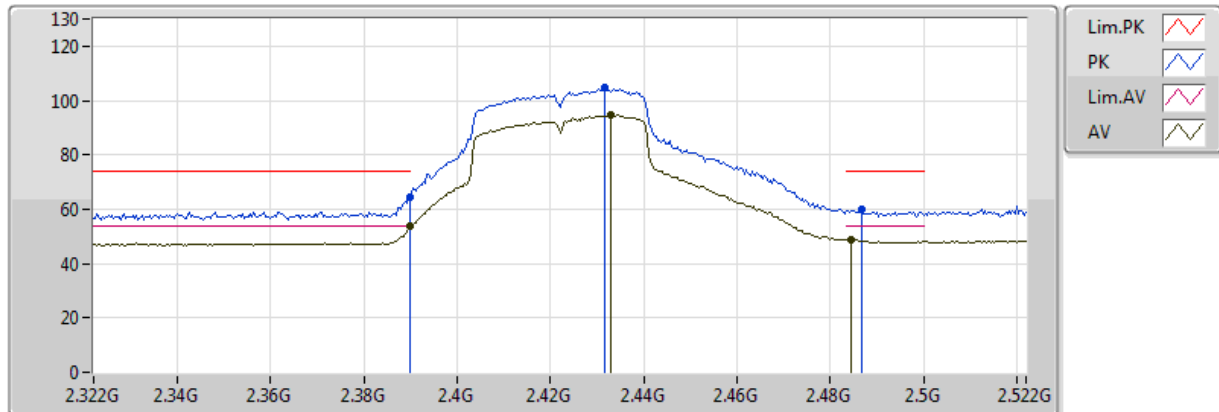


20170701  
EUT X1TX  
Setting 16.5  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.378G   | 47.03         | 54.00         | -6.97      | 31.90      | 3       | H         | 69         | 2.96      | -        |
| AV   | 2.4676G  | 92.85         | Inf           | -Inf       | 32.17      | 3       | H         | 69         | 2.96      | -        |
| AV   | 2.4836G  | 53.98         | 54.00         | -0.02      | 32.22      | 3       | H         | 69         | 2.96      | -        |
| PK   | 2.3764G  | 58.83         | 74.00         | -15.17     | 31.90      | 3       | H         | 69         | 2.96      | -        |
| PK   | 2.4672G  | 103.15        | Inf           | -Inf       | 32.17      | 3       | H         | 69         | 2.96      | -        |
| PK   | 2.4848G  | 68.29         | 74.00         | -5.71      | 32.22      | 3       | H         | 69         | 2.96      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

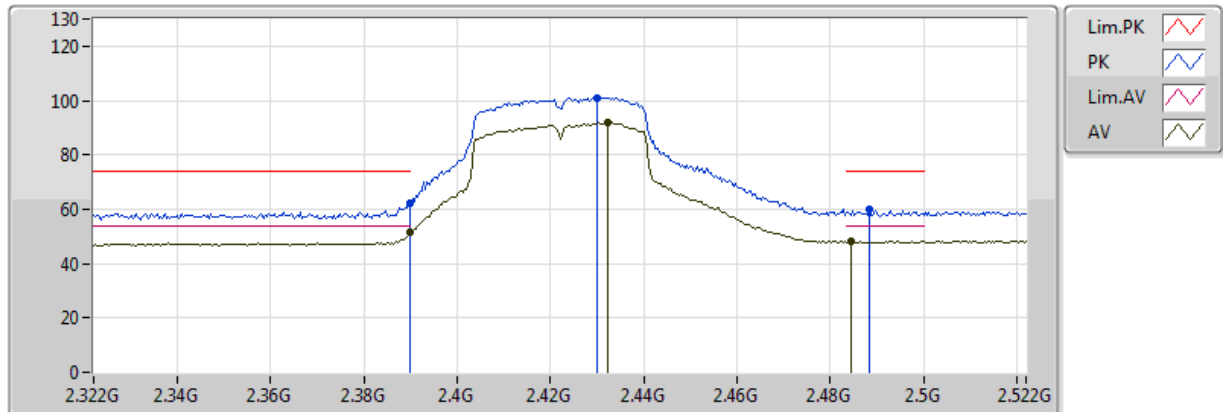


20170701  
EUT X1TX  
Setting 19  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 53.76         | 54.00         | -0.24      | 31.94      | 3       | V         | 56         | 1.50      | -        |
| AV   | 2.4328G  | 94.51         | Inf           | -Inf       | 32.07      | 3       | V         | 56         | 1.50      | -        |
| AV   | 2.4844G  | 48.75         | 54.00         | -5.25      | 32.22      | 3       | V         | 56         | 1.50      | -        |
| PK   | 2.39G    | 64.70         | 74.00         | -9.30      | 31.94      | 3       | V         | 56         | 1.50      | -        |
| PK   | 2.4316G  | 104.51        | Inf           | -Inf       | 32.06      | 3       | V         | 56         | 1.50      | -        |
| PK   | 2.4868G  | 60.18         | 74.00         | -13.82     | 32.23      | 3       | V         | 56         | 1.50      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

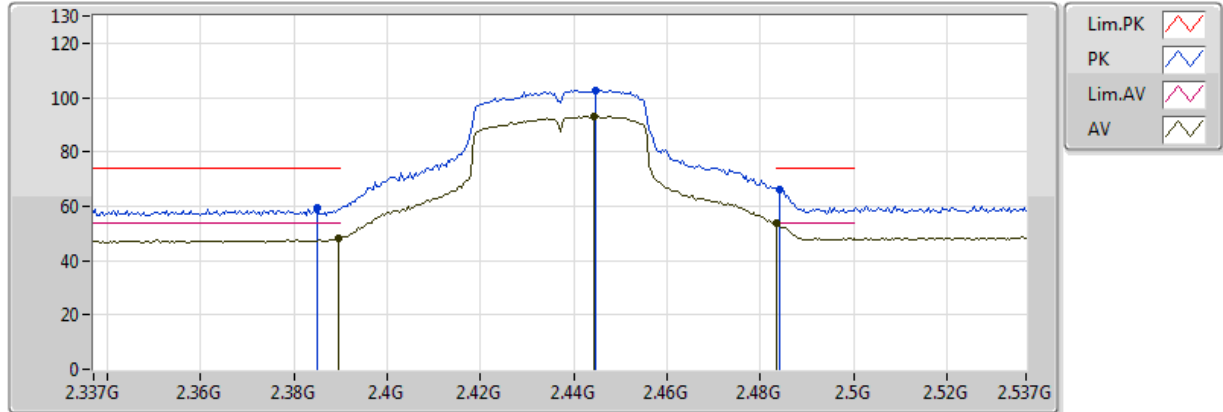


20170701  
EUT X1TX  
Setting 19  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.39G    | 51.39         | 54.00         | -2.61      | 31.94      | 3       | H         | 80         | 2.81      | -        |
| AV   | 2.4324G  | 91.83         | Inf           | -Inf       | 32.07      | 3       | H         | 80         | 2.81      | -        |
| AV   | 2.4844G  | 48.13         | 54.00         | -5.87      | 32.22      | 3       | H         | 80         | 2.81      | -        |
| PK   | 2.39G    | 62.39         | 74.00         | -11.61     | 31.94      | 3       | H         | 80         | 2.81      | -        |
| PK   | 2.43G    | 101.10        | Inf           | -Inf       | 32.06      | 3       | H         | 80         | 2.81      | -        |
| PK   | 2.4884G  | 60.09         | 74.00         | -13.91     | 32.24      | 3       | H         | 80         | 2.81      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

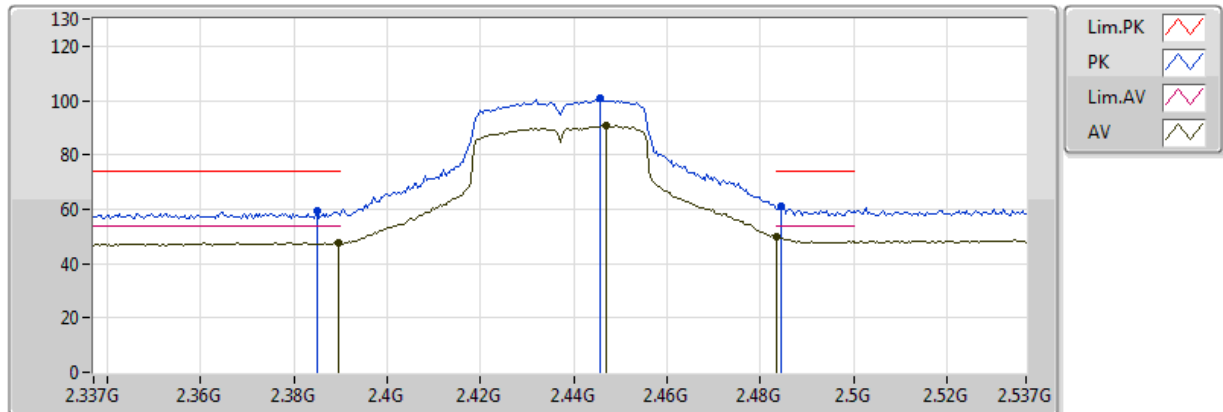


20170701  
EUT X1TX  
Setting 18  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3894G   | 48.12         | 54.00         | -5.88      | 31.94      | 3       | V         | 54         | 1.42      | -        |
| AV   | 2.4442G   | 93.16         | Inf           | -Inf       | 32.10      | 3       | V         | 54         | 1.42      | -        |
| AV   | 2.483502G | 53.76         | 54.00         | -0.24      | 32.22      | 3       | V         | 54         | 1.42      | -        |
| PK   | 2.385G    | 59.18         | 74.00         | -14.82     | 31.92      | 3       | V         | 54         | 1.42      | -        |
| PK   | 2.4446G   | 102.74        | Inf           | -Inf       | 32.10      | 3       | V         | 54         | 1.42      | -        |
| PK   | 2.4842G   | 66.26         | 74.00         | -7.74      | 32.22      | 3       | V         | 54         | 1.42      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

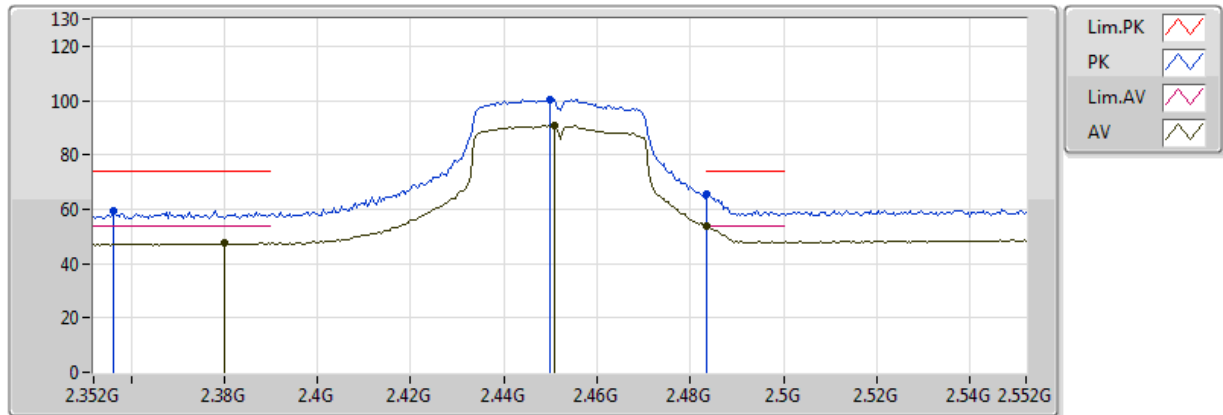


20170701  
EUT X1TX  
Setting 18  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.3894G   | 47.88         | 54.00         | -6.12      | 31.94      | 3       | H         | 77         | 2.74      | -        |
| AV   | 2.447G    | 90.76         | Inf           | -Inf       | 32.11      | 3       | H         | 77         | 2.74      | -        |
| AV   | 2.483502G | 50.07         | 54.00         | -3.93      | 32.22      | 3       | H         | 77         | 2.74      | -        |
| PK   | 2.385G    | 59.23         | 74.00         | -14.77     | 31.92      | 3       | H         | 77         | 2.74      | -        |
| PK   | 2.4458G   | 100.68        | Inf           | -Inf       | 32.11      | 3       | H         | 77         | 2.74      | -        |
| PK   | 2.4846G   | 61.02         | 74.00         | -12.98     | 32.22      | 3       | H         | 77         | 2.74      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

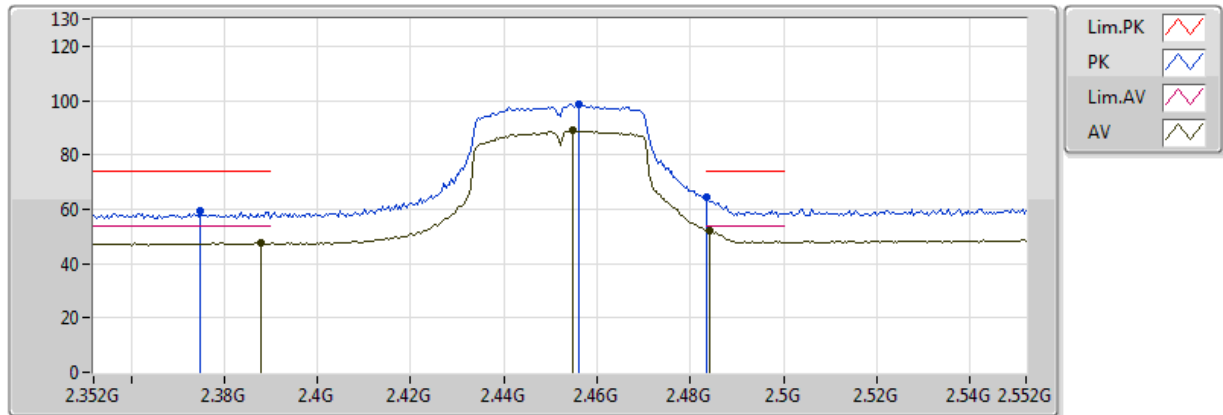


20170701  
EUT X1TX  
Setting 15  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.38G    | 47.61         | 54.00         | -6.39      | 31.91      | 3       | V         | 62         | 1.28      | -        |
| AV   | 2.4508G  | 90.84         | Inf           | -Inf       | 32.12      | 3       | V         | 62         | 1.28      | -        |
| AV   | 2.4836G  | 53.67         | 54.00         | -0.33      | 32.22      | 3       | V         | 62         | 1.28      | -        |
| PK   | 2.3564G  | 59.21         | 74.00         | -14.79     | 31.83      | 3       | V         | 62         | 1.28      | -        |
| PK   | 2.45G    | 100.51        | Inf           | -Inf       | 32.12      | 3       | V         | 62         | 1.28      | -        |
| PK   | 2.4836G  | 65.72         | 74.00         | -8.28      | 32.22      | 3       | V         | 62         | 1.28      | -        |

## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX



20170701  
EUT X1TX  
Setting 15  
02-J-6  
FSU(100015)  
ANT Omni DTO

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 2.388G   | 47.41         | 54.00         | -6.59      | 31.93      | 3       | H         | 79         | 2.96      | -        |
| AV   | 2.4548G  | 88.84         | Inf           | -Inf       | 32.13      | 3       | H         | 79         | 2.96      | -        |
| AV   | 2.484G   | 52.25         | 54.00         | -1.75      | 32.22      | 3       | H         | 79         | 2.96      | -        |
| PK   | 2.3748G  | 59.15         | 74.00         | -14.85     | 31.89      | 3       | H         | 79         | 2.96      | -        |
| PK   | 2.456G   | 98.60         | Inf           | -Inf       | 32.14      | 3       | H         | 79         | 2.96      | -        |
| PK   | 2.4836G  | 64.32         | 74.00         | -9.68      | 32.22      | 3       | H         | 79         | 2.96      | -        |

## 4 Test Equipment and Calibration Data

| Instrument                              | Manufacturer | Model No.            | Serial No.          | Characteristics | Calibration Date | Remark                |
|-----------------------------------------|--------------|----------------------|---------------------|-----------------|------------------|-----------------------|
| EMI Receiver                            | Agilent      | N9038A               | My52260123          | 9kHz ~ 8.45GHz  | Jan. 23, 2017    | Conduction (CO01-CB)  |
| LISN                                    | F.C.C.       | FCC-LISN-50-1<br>6-2 | 04083               | 150kHz ~ 100MHz | Dec. 14, 2016    | Conduction (CO01-CB)  |
| LISN                                    | Schwarzbeck  | NSLK 8127            | 8127647             | 9kHz ~ 30MHz    | Dec. 21, 2016    | Conduction (CO01-CB)  |
| COND Cable                              | Woken        | Cable                | 01                  | 150kHz ~ 30MHz  | May 23, 2017     | Conduction (CO01-CB)  |
| Software                                | Audix        | E3                   | 6.120210n           | -               | N.C.R.           | Conduction (CO01-CB)  |
| BILOG ANTENNA<br>with 6dB<br>Attenuator | TESEQ & EMCI | CBL6112D &<br>N-6-06 | 37880 &<br>AT-N0609 | 20MHz ~ 2GHz    | Aug. 30, 2016    | Radiation (03CH01-CB) |
| Loop Antenna                            | Teseq        | HLA 6120             | 24155               | 9kHz - 30 MHz   | Mar. 16, 2016*   | Radiation (03CH01-CB) |
| Horn Antenna                            | EMCO         | 3115                 | 00075790            | 750MHz ~ 18GHz  | Nov. 10, 2016    | Radiation (03CH01-CB) |
| Horn Antenna                            | SCHWARZBECK  | BBHA 9170            | BBHA9170507         | 15GHz ~ 40GHz   | Jun. 16, 2017    | Radiation (03CH01-CB) |
| Pre-Amplifier                           | EMCI         | EMC330N              | 980332              | 20MHz ~ 3GHz    | May 02, 2017     | Radiation (03CH01-CB) |
| Pre-Amplifier                           | Agilent      | 8449B                | 3008A02310          | 1GHz ~ 26.5GHz  | Jan. 16, 2017    | Radiation (03CH01-CB) |
| Pre-Amplifier                           | MITEQ        | TTA1840-35-HG        | 1864479             | 18GHz ~ 40GHz   | Jun. 28, 2016    | Radiation (03CH01-CB) |
| Amplifier                               | -            | -                    | TF-130N-R1          | 26GHz ~ 40GHz   | Jun. 20, 2017    | Radiation (03CH01-CB) |
| Spectrum Analyzer                       | R&S          | FSP40                | 100056              | 9kHz ~ 40GHz    | Nov. 22, 2016    | Radiation (03CH01-CB) |
| EMI Test                                | R&S          | ESCS                 | 100355              | 9kHz ~ 2.75GHz  | May 06, 2017     | Radiation (03CH01-CB) |
| RF Cable-low                            | Woken        | Low<br>Cable-16+17   | N/A                 | 30 MHz ~ 1 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |
| RF Cable-high                           | Woken        | High Cable-16        | N/A                 | 1 GHz ~ 18 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |
| RF Cable-high                           | Woken        | High<br>Cable-16+17  | N/A                 | 1 GHz ~ 18 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |
| RF Cable-high                           | Woken        | High<br>Cable-40G#1  | N/A                 | 18GHz ~ 40 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |
| RF Cable-high                           | Woken        | High<br>Cable-40G#2  | N/A                 | 18GHz ~ 40 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |



| Instrument        | Manufacturer | Model No. | Serial No.    | Characteristics  | Calibration Date | Remark                   |
|-------------------|--------------|-----------|---------------|------------------|------------------|--------------------------|
| Test Software     | Audix        | E3        | 6.2009-I0-7   | N/A              | N/A              | Radiation<br>(03CH01-CB) |
| Spectrum analyzer | R&S          | FSV40     | 100979        | 9kHz~40GHz       | Dec. 26, 2016    | Conducted<br>(TH01-CB)   |
| RF Cable-high     | Woken        | RG402     | High Cable-6  | 1 GHz – 26.5 GHz | Oct. 24, 2016    | Conducted<br>(TH01-CB)   |
| RF Cable-high     | Woken        | RG402     | High Cable-7  | 1 GHz –26.5 GHz  | Oct. 24, 2016    | Conducted<br>(TH01-CB)   |
| RF Cable-high     | Woken        | RG402     | High Cable-8  | 1 GHz –26.5 GHz  | Oct. 24, 2016    | Conducted<br>(TH01-CB)   |
| RF Cable-high     | Woken        | RG402     | High Cable-9  | 1 GHz –26.5 GHz  | Oct. 24, 2016    | Conducted<br>(TH01-CB)   |
| RF Cable-high     | Woken        | RG402     | High Cable-10 | 1 GHz –26.5 GHz  | Oct. 24, 2016    | Conducted<br>(TH01-CB)   |
| Power Sensor      | Agilent      | U2021XA   | MY53410001    | 50MHz~18GHz      | Nov. 22, 2016    | Conducted<br>(TH01-CB)   |

Note: Calibration Interval of instruments listed above is one year.

“\*” Calibration Interval of instruments listed above is two years.

N.C.R. means Non-Calibration required.

