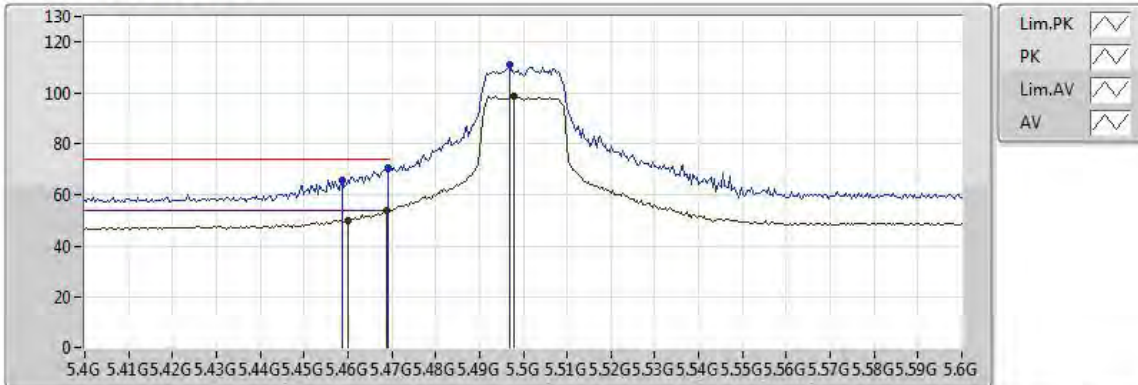




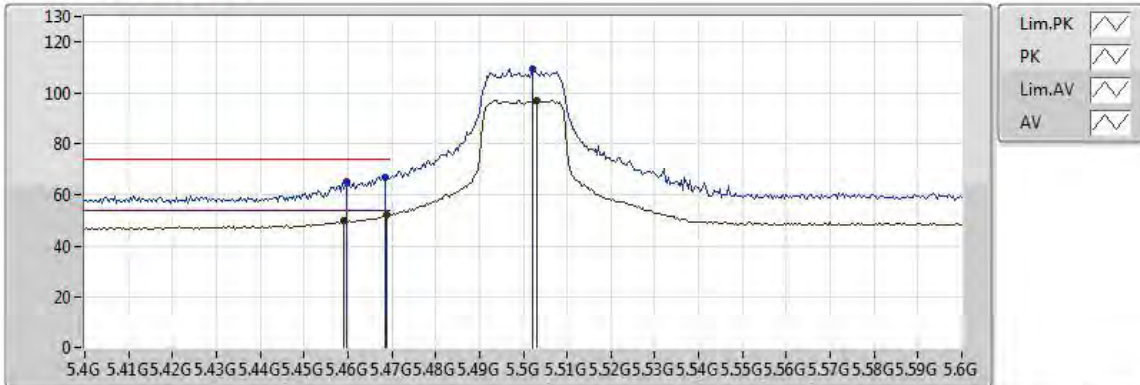
## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

## 5500MHz\_TX



20170622  
EUT Y\_2TX  
Setting 23  
04-E-2-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.46G    | 49.96         | 54.00         | -4.04      | 5.98       | 3       | V         | 46         | 1.94      | -        |
| AV   | 5.4688G  | 53.69         | 54.00         | -0.31      | 6.02       | 3       | V         | 46         | 1.94      | -        |
| AV   | 5.498G   | 98.51         | Inf           | -Inf       | 6.15       | 3       | V         | 46         | 1.94      | -        |
| PK   | 5.4588G  | 65.64         | 74.00         | -8.36      | 5.97       | 3       | V         | 46         | 1.94      | -        |
| PK   | 5.4692G  | 70.37         | 74.00         | -3.63      | 6.02       | 3       | V         | 46         | 1.94      | -        |
| PK   | 5.4968G  | 110.68        | Inf           | -Inf       | 6.15       | 3       | V         | 46         | 1.94      | -        |

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****5500MHz\_TX**

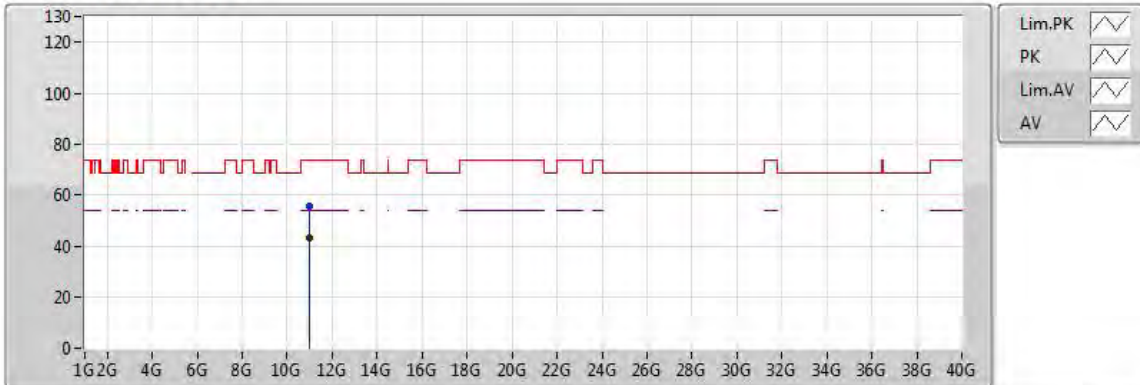
20170622  
EUT Y\_2TX  
Setting 23  
04-E-2-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4592G  | 49.62         | 54.00         | -4.38      | 5.97       | 3       | H         | 18         | 1.07      | -        |
| AV   | 5.4688G  | 52.01         | 54.00         | -1.99      | 6.02       | 3       | H         | 18         | 1.07      | -        |
| AV   | 5.5032G  | 97.19         | Inf           | -Inf       | 6.18       | 3       | H         | 18         | 1.07      | -        |
| PK   | 5.4596G  | 64.73         | 74.00         | -9.27      | 5.97       | 3       | H         | 18         | 1.07      | -        |
| PK   | 5.4684G  | 66.92         | 74.00         | -7.08      | 6.01       | 3       | H         | 18         | 1.07      | -        |
| PK   | 5.502G   | 109.44        | Inf           | -Inf       | 6.17       | 3       | H         | 18         | 1.07      | -        |



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX



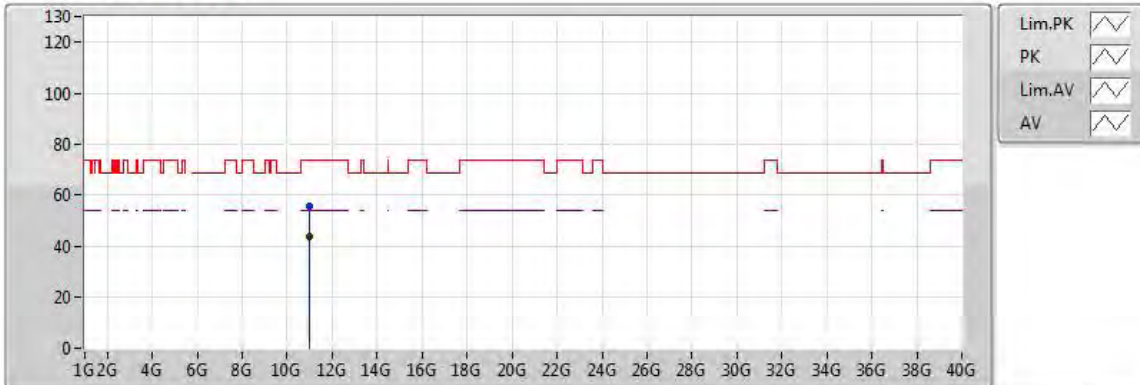
20170622  
EUT Y\_2TX  
Setting 23  
04-E-2  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.00966G | 43.33         | 54.00         | -10.67     | 15.81      | 3       | V         | 47         | 1.60      | -        |
| PK   | 11.0045G  | 55.64         | 74.00         | -18.36     | 15.80      | 3       | V         | 47         | 1.60      | -        |

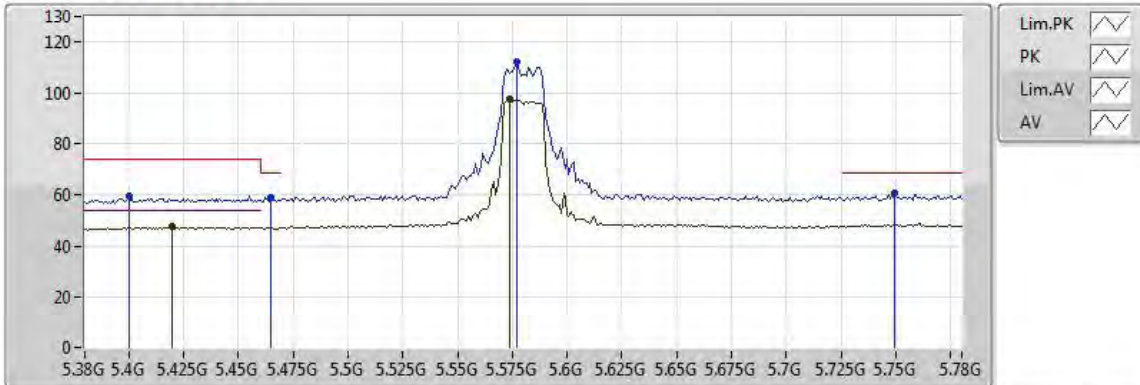


## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX



| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.01146G | 43.47         | 54.00         | -10.53     | 15.81      | 3       | H         | 56         | 2.09      | -        |
| PK   | 11.01416G | 55.54         | 74.00         | -18.46     | 15.81      | 3       | H         | 56         | 2.09      | -        |

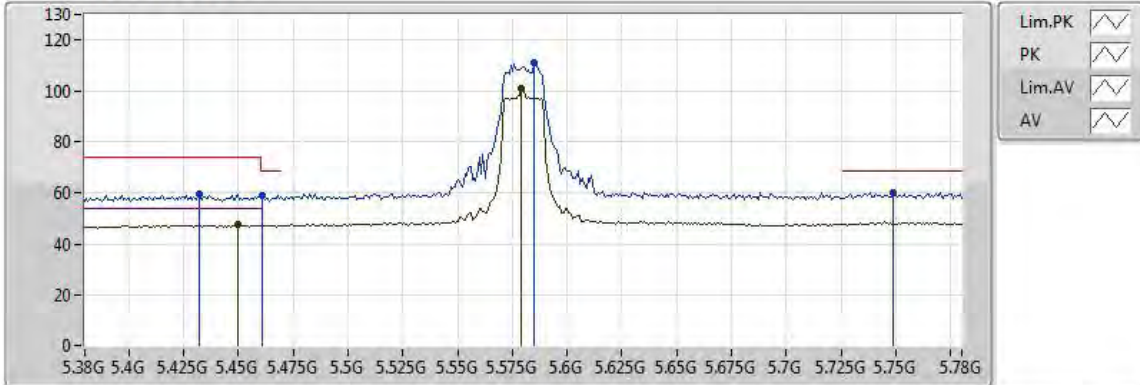
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****5580MHz\_TX**

20170622  
EUT Y\_2TX  
Setting 24  
04-E-2-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.42G    | 47.42         | 54.00         | -6.58      | 5.79       | 3       | V         | 115        | 1.74      | -        |
| AV   | 5.5736G  | 97.71         | Inf           | -Inf       | 6.62       | 3       | V         | 115        | 1.74      | -        |
| PK   | 5.4G     | 59.45         | 74.00         | -14.55     | 5.70       | 3       | V         | 115        | 1.74      | -        |
| PK   | 5.4648G  | 58.77         | 68.20         | -9.43      | 6.00       | 3       | V         | 115        | 1.74      | -        |
| PK   | 5.5768G  | 112.11        | Inf           | -Inf       | 6.64       | 3       | V         | 115        | 1.74      | -        |
| PK   | 5.7496G  | 60.51         | 68.20         | -7.69      | 7.07       | 3       | V         | 115        | 1.74      | -        |

# **802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

## **5580MHz\_TX**



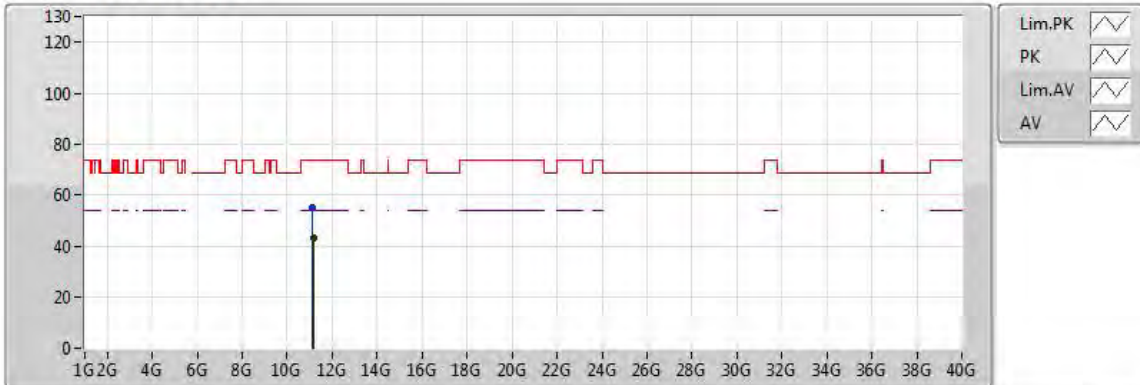
20170622  
EUT Y\_2TX  
Setting 24  
04-E-2-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4496G  | 47.52         | 54.00         | -6.48      | 5.93       | 3       | H         | 38         | 2.28      | -        |
| AV   | 5.5792G  | 100.91        | Inf           | -Inf       | 6.65       | 3       | H         | 38         | 2.28      | -        |
| PK   | 5.432G   | 59.17         | 74.00         | -14.83     | 5.85       | 3       | H         | 38         | 2.28      | -        |
| PK   | 5.4608G  | 58.84         | 68.20         | -9.36      | 5.98       | 3       | H         | 38         | 2.28      | -        |
| PK   | 5.5848G  | 110.76        | Inf           | -Inf       | 6.69       | 3       | H         | 38         | 2.28      | -        |
| PK   | 5.7488G  | 60.12         | 68.20         | -8.08      | 7.07       | 3       | H         | 38         | 2.28      | -        |



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5580MHz\_TX



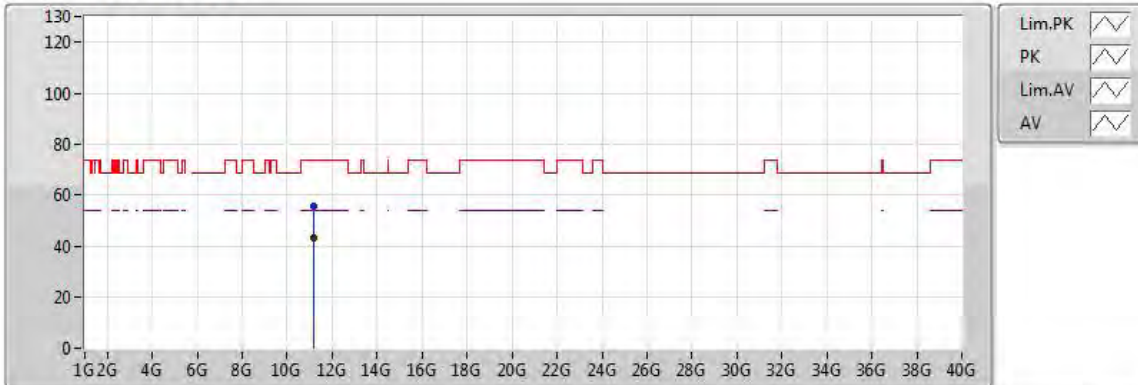
20170622  
EUT Y\_2TX  
Setting 24  
04-E-2  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.149/4G | 43.07         | 54.00         | -10.93     | 15.90      | 3       | V         | 238        | 1.07      | -        |
| PK   | 11.14668G | 55.17         | 74.00         | -18.83     | 15.90      | 3       | V         | 238        | 1.07      | -        |



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5580MHz\_TX



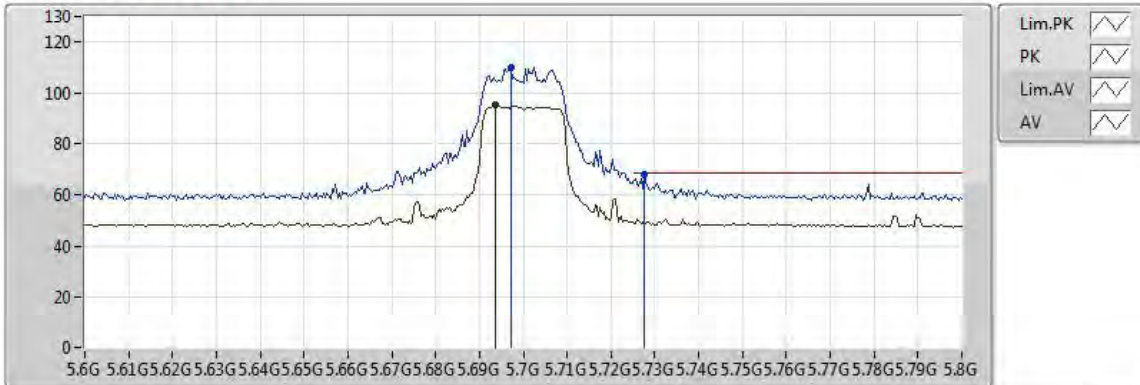
20170622  
EUT Y\_2TX  
Setting 24  
04-E-2  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.16272G | 42.98         | 54.00         | -11.02     | 15.91      | 3       | H         | 320        | 2.34      | -        |
| PK   | 11.15632G | 55.53         | 74.00         | -18.47     | 15.90      | 3       | H         | 320        | 2.34      | -        |



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5700MHz\_TX



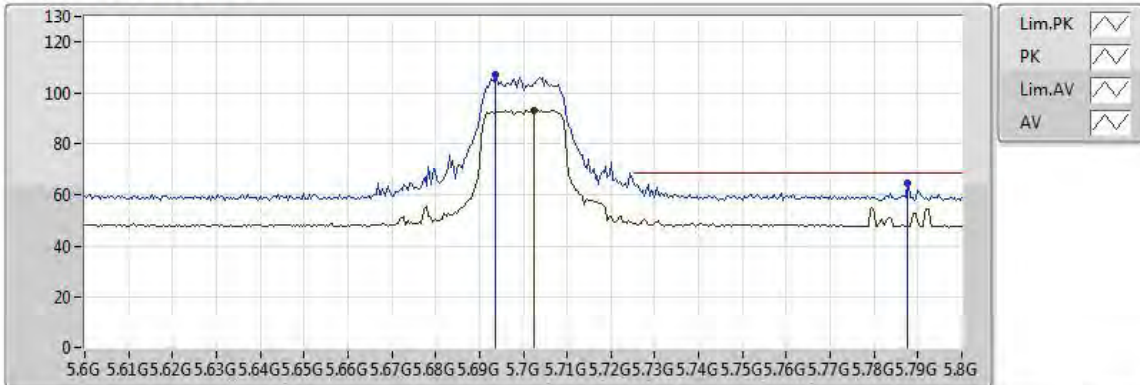
20170622  
EUT Y\_2TX  
Setting 24  
04-E-2-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.6936G  | 95.16         | Inf           | -Inf       | 6.96       | 3       | V         | 80         | 1.74      | -        |
| PK   | 5.6972G  | 110.04        | Inf           | -Inf       | 6.96       | 3       | V         | 80         | 1.74      | -        |
| PK   | 5.7276G  | 68.01         | 68.20         | -0.19      | 7.03       | 3       | V         | 80         | 1.74      | -        |



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5700MHz\_TX



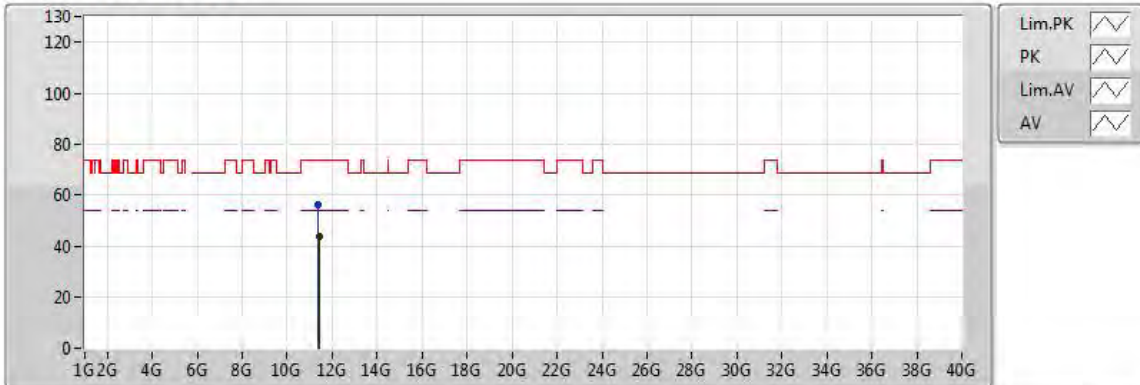
20170622  
EUT Y\_2TX  
Setting 24  
04-E-2-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.7024G  | 93.29         | Inf           | -Inf       | 6.98       | 3       | H         | 136        | 1.30      | -        |
| PK   | 5.6936G  | 107.27        | Inf           | -Inf       | 6.96       | 3       | H         | 136        | 1.30      | -        |
| PK   | 5.7876G  | 64.23         | 68.20         | -3.97      | 7.15       | 3       | H         | 136        | 1.30      | -        |



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5700MHz\_TX



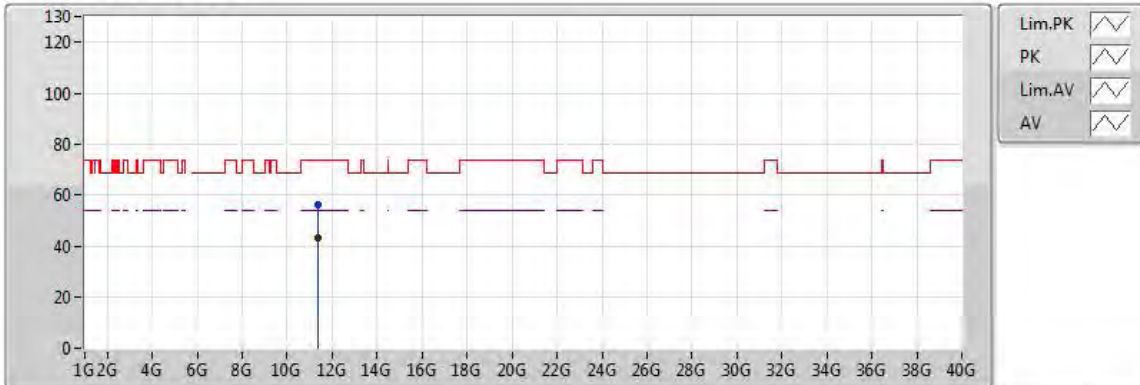
20170622  
EUT Y\_2TX  
Setting 24  
04-E-2  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.40492G | 43.46         | 54.00         | -10.54     | 16.07      | 3       | V         | 256        | 2.13      | -        |
| PK   | 11.39788G | 56.06         | 74.00         | -17.94     | 16.06      | 3       | V         | 256        | 2.13      | -        |

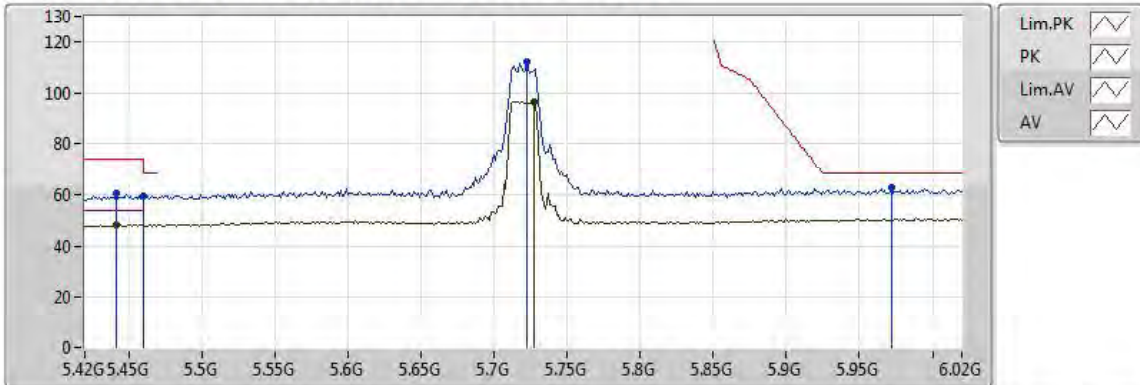


## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

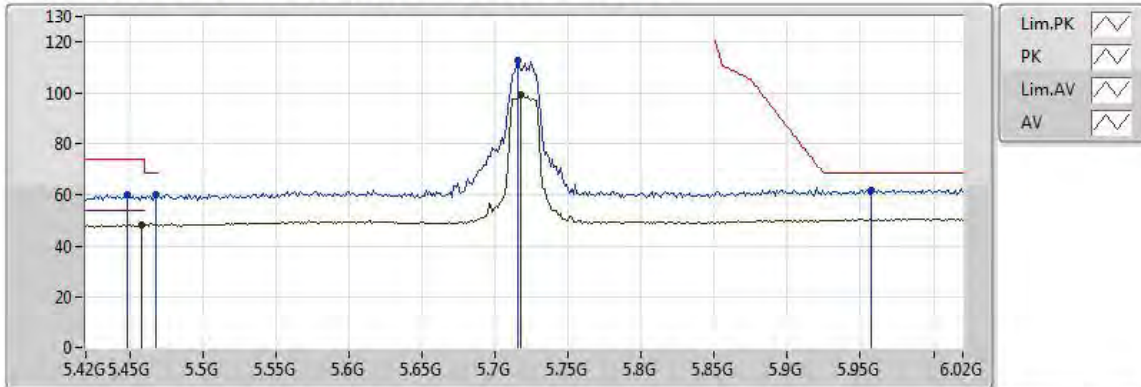
### 5700MHz\_TX



| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.39826G | 43.02         | 54.00         | -10.98     | 16.06      | 3       | H         | 76         | 2.10      | -        |
| PK   | 11.3999G  | 56.06         | 74.00         | -17.94     | 16.06      | 3       | H         | 76         | 2.10      | -        |

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****5720MHz Straddle 5.47-5.725GHz\_TX**

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4416G   | 48.33         | 54.00         | -5.67      | 5.89       | 3       | V         | 226        | 1.01      | -        |
| AV   | 5.7272G   | 96.42         | Inf           | -Inf       | 7.03       | 3       | V         | 226        | 1.01      | -        |
| PK   | 5.4416G   | 60.25         | 74.00         | -13.75     | 5.89       | 3       | V         | 226        | 1.01      | -        |
| PK   | 5.460005G | 59.57         | 68.20         | -8.63      | 5.98       | 3       | V         | 226        | 1.01      | -        |
| PK   | 5.7224G   | 111.95        | Inf           | -Inf       | 7.02       | 3       | V         | 226        | 1.01      | -        |
| PK   | 5.972G    | 63.00         | 68.20         | -5.20      | 8.30       | 3       | V         | 226        | 1.01      | -        |

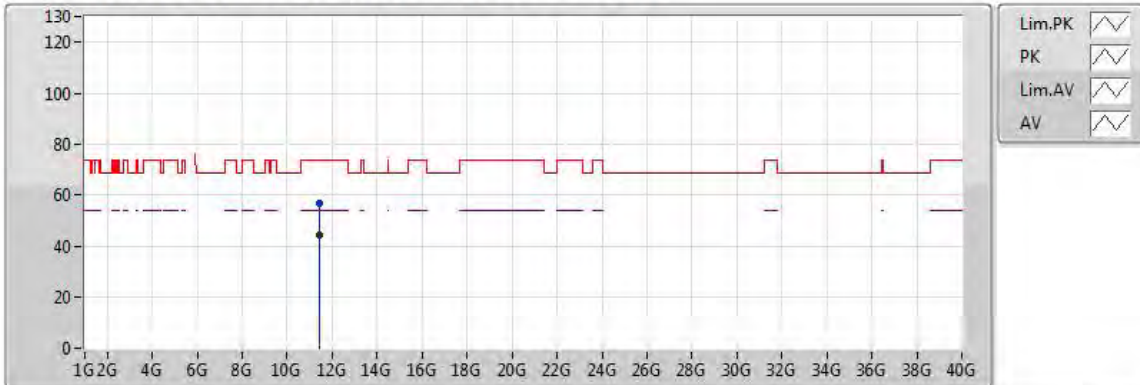
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****5720MHz Straddle 5.47-5.725GHz\_TX**

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4584G  | 48.31         | 54.00         | -5.69      | 5.97       | 3       | H         | 184        | 2.15      | -        |
| AV   | 5.7176G  | 99.07         | Inf           | -Inf       | 7.01       | 3       | H         | 184        | 2.15      | -        |
| PK   | 5.4488G  | 60.00         | 74.00         | -14.00     | 5.92       | 3       | H         | 184        | 2.15      | -        |
| PK   | 5.468G   | 59.75         | 68.20         | -8.45      | 6.01       | 3       | H         | 184        | 2.15      | -        |
| PK   | 5.7152G  | 112.59        | Inf           | -Inf       | 7.00       | 3       | H         | 184        | 2.15      | -        |
| PK   | 5.9576G  | 61.73         | 68.20         | -6.47      | 8.20       | 3       | H         | 184        | 2.15      | -        |



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

### 5720MHz Straddle 5.47-5.725GHz\_TX



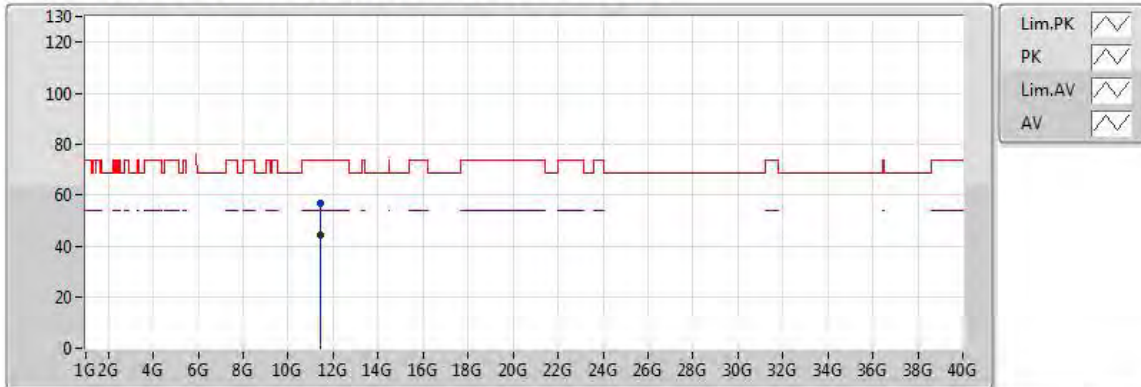
20170629  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.43694G | 44.24         | 54.00         | -9./6      | 16.09      | 3       | V         | 325        | 1.39      | -        |
| PK   | 11.43268G | 56.67         | 74.00         | -17.33     | 16.09      | 3       | V         | 325        | 1.39      | -        |



802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TX



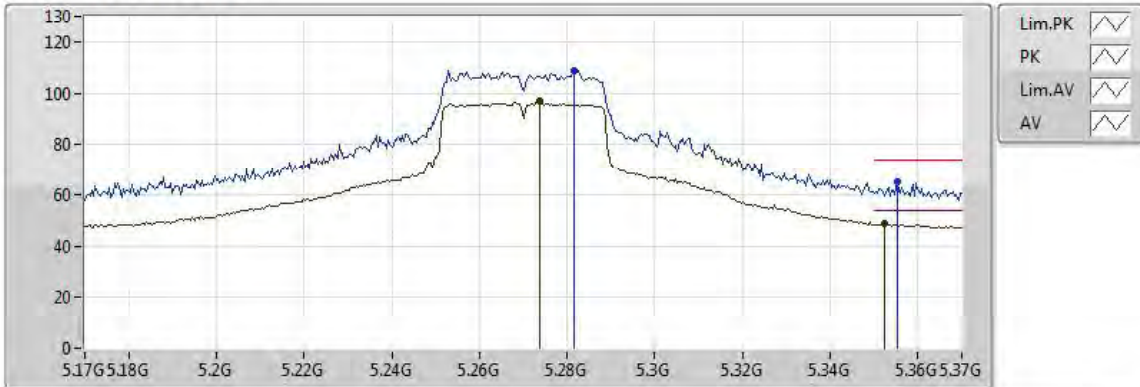
20170629  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.425/8G | 44.46         | 54.00         | -9.54      | 16.08      | 3       | H         | 205        | 1.05      | -        |
| PK   | 11.45038G | 56.69         | 74.00         | -17.31     | 16.10      | 3       | H         | 205        | 1.05      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

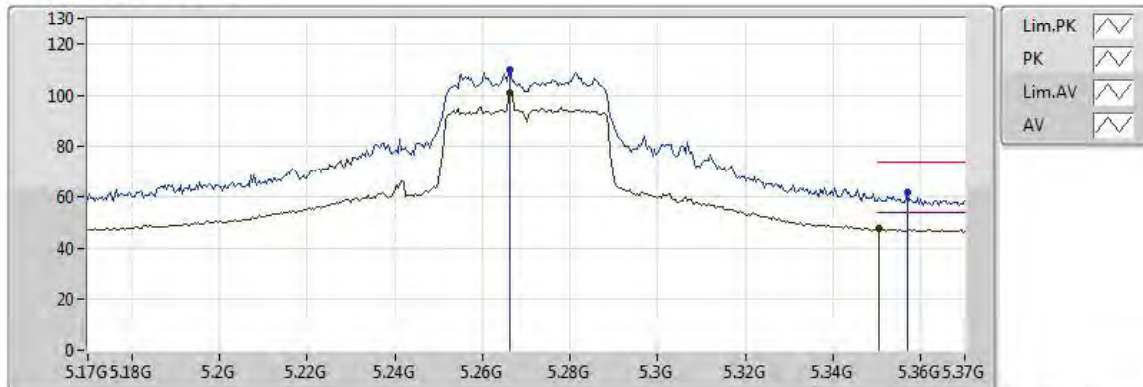
### 5270MHz\_TX



| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.2736G  | 96.75         | Inf           | -Inf       | 5.57       | 3       | V         | 38         | 1.44      | -        |
| AV   | 5.3524G  | 48.75         | 54.00         | -5.25      | 5.65       | 3       | V         | 38         | 1.44      | -        |
| PK   | 5.2816G  | 108.77        | Inf           | -Inf       | 5.58       | 3       | V         | 38         | 1.44      | -        |
| PK   | 5.3552G  | 65.16         | 74.00         | -8.84      | 5.66       | 3       | V         | 38         | 1.44      | -        |

# **802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

## **5270MHz\_TX**



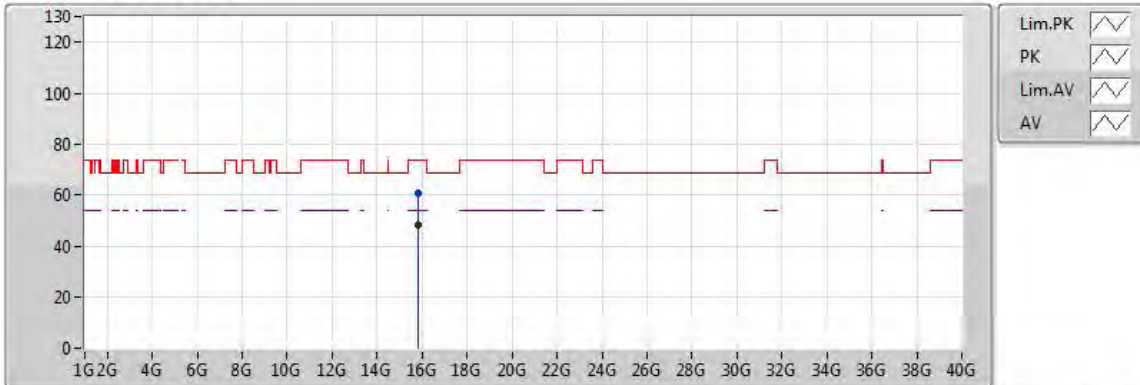
20170622  
EUT Y\_2TX  
Setting 24  
04-B-2-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.2664G  | 101.05        | Inf           | -Inf       | 5.56       | 3       | H         | 39         | 2.45      | -        |
| AV   | 5.3504G  | 47.49         | 54.00         | -6.51      | 5.65       | 3       | H         | 39         | 2.45      | -        |
| PK   | 5.2664G  | 110.04        | Inf           | -Inf       | 5.56       | 3       | H         | 39         | 2.45      | -        |
| PK   | 5.3568G  | 61.41         | 74.00         | -12.59     | 5.66       | 3       | H         | 39         | 2.45      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5270MHz\_TX



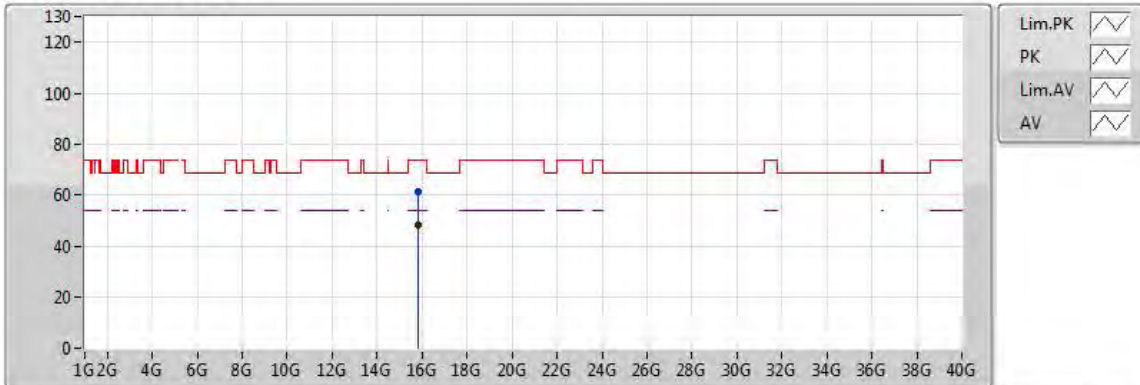
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 15.8064G  | 48.20         | 54.00         | -5.80      | 18.01      | 3       | V         | 55         | 2.14      | -        |
| PK   | 15.81378G | 60.49         | 74.00         | -13.51     | 18.02      | 3       | V         | 55         | 2.14      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5270MHz\_TX



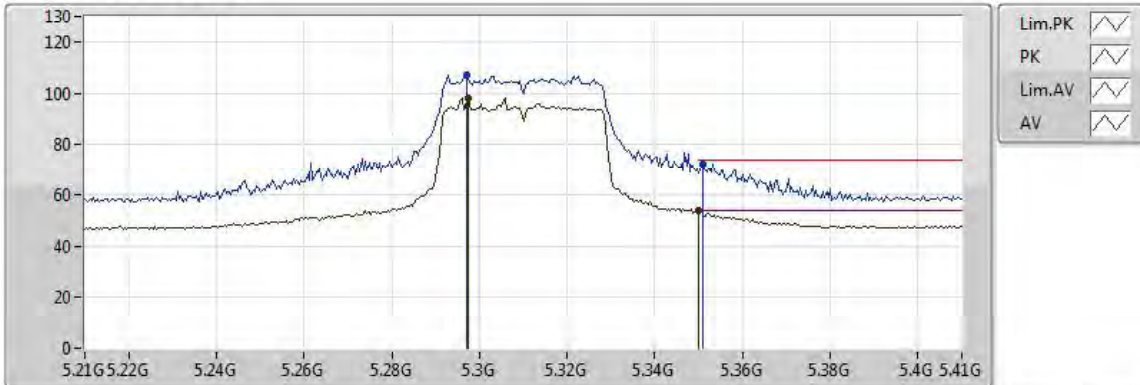
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 15.81312G | 48.32         | 54.00         | -5.68      | 18.02      | 3       | H         | 38         | 1.41      | -        |
| PK   | 15.80454G | 60.80         | 74.00         | -13.20     | 18.01      | 3       | H         | 38         | 1.41      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5310MHz\_TX



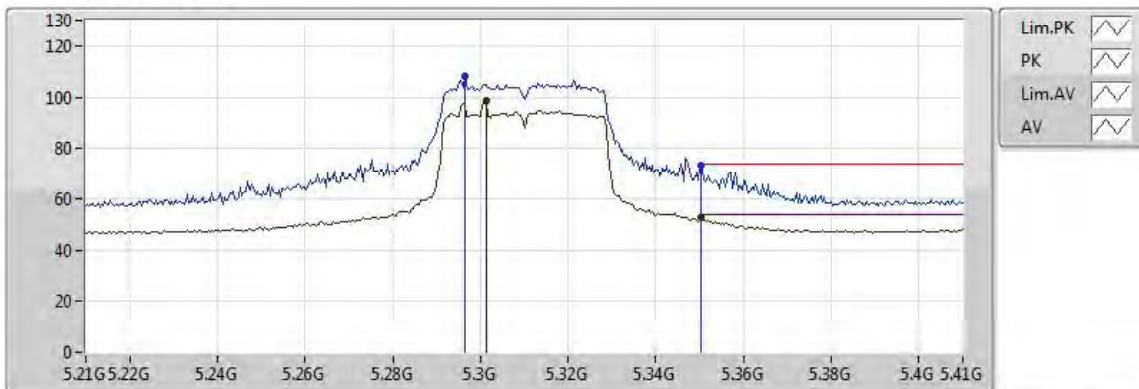
20170622  
EUT Y\_2TX  
Setting 17  
04-B-2-10  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.2976G   | 98.01         | Inf           | -Inf       | 5.60       | 3       | V         | 49         | 1.74      | -        |
| AV   | 5.350005G | 53.78         | 54.00         | -0.22      | 5.65       | 3       | V         | 49         | 1.74      | -        |
| PK   | 5.2972G   | 107.19        | Inf           | -Inf       | 5.60       | 3       | V         | 49         | 1.74      | -        |
| PK   | 5.3508G   | 72.48         | 74.00         | -1.52      | 5.65       | 3       | V         | 49         | 1.74      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## 5310MHz\_TX

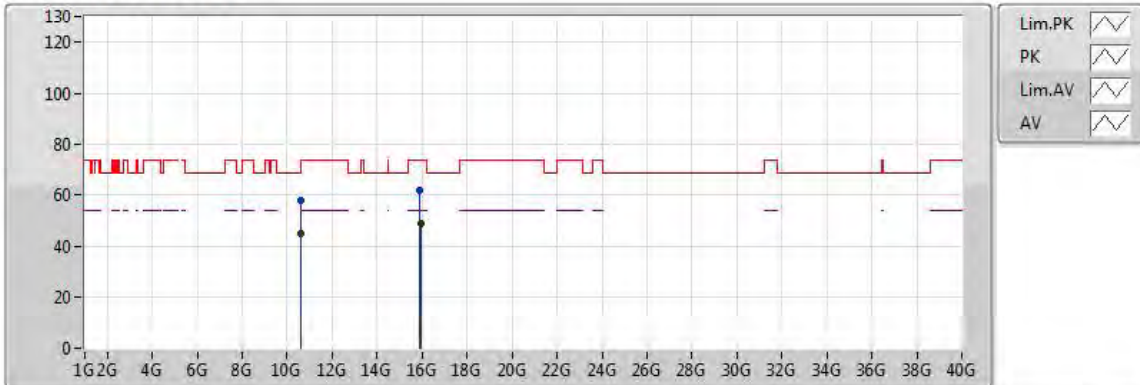


| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.3012G  | 98.76         | Inf           | -Inf       | 5.60       | 3       | H         | 21         | 1.93      | -        |
| AV   | 5.3504G  | 52.40         | 54.00         | -1.60      | 5.65       | 3       | H         | 21         | 1.93      | -        |
| PK   | 5.2964G  | 107.94        | Inf           | -Inf       | 5.60       | 3       | H         | 21         | 1.93      | -        |
| PK   | 5.3504G  | 73.32         | 74.00         | -0.68      | 5.65       | 3       | H         | 21         | 1.93      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5310MHz\_TX

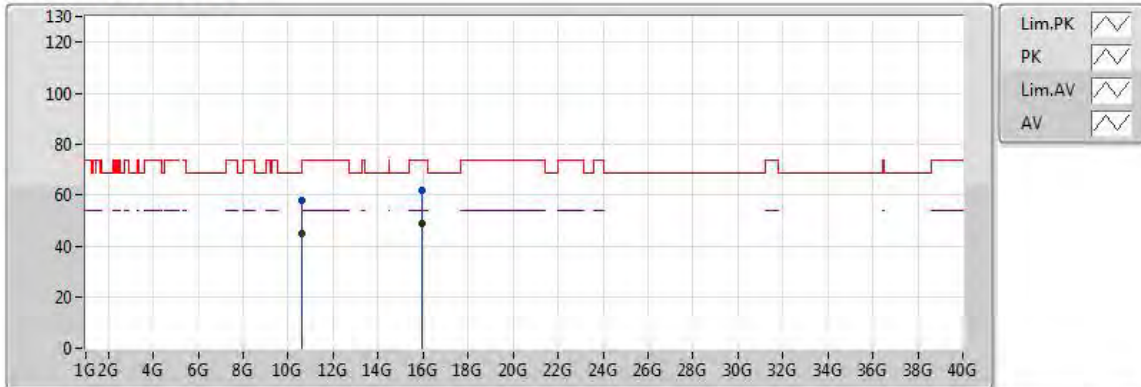


| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 10.62288G | 45.06         | 54.00         | -8.94      | 15.23      | 3       | V         | 194        | 1.39      | -        |
| AV   | 15.94176G | 48.81         | 54.00         | -5.19      | 18.12      | 3       | V         | 239        | 1.16      | -        |
| PK   | 10.61814G | 57.76         | 74.00         | -16.24     | 15.22      | 3       | V         | 194        | 1.39      | -        |
| PK   | 15.915G   | 61.40         | 74.00         | -12.60     | 18.10      | 3       | V         | 239        | 1.16      | -        |



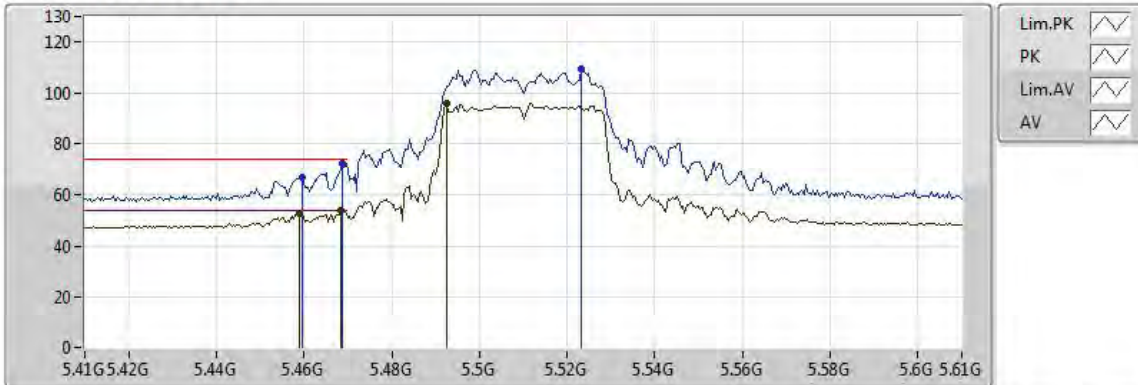
## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5310MHz\_TX

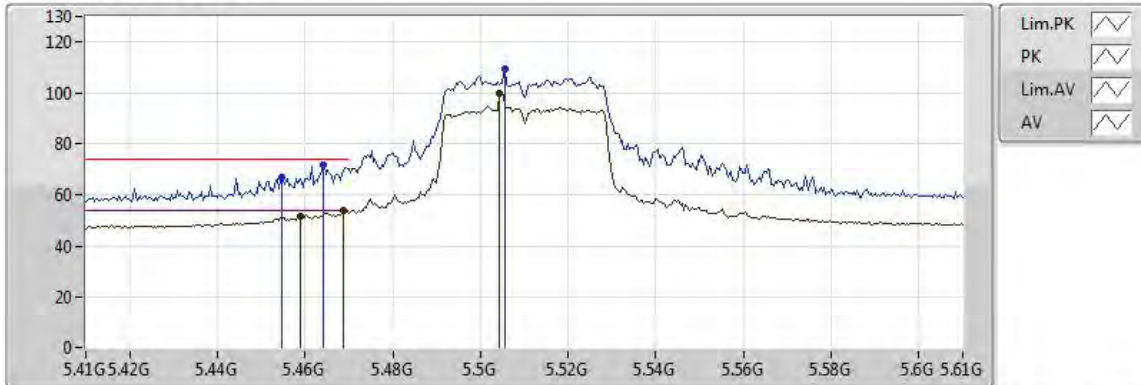


20170623  
EUT Y\_2TX  
Setting 17  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 10.61346G | 45.09         | 54.00         | -8.91      | 15.21      | 3       | H         | 60         | 1.85      | -        |
| AV   | 15.92652G | 48.69         | 54.00         | -5.31      | 18.11      | 3       | H         | 237        | 2.21      | -        |
| PK   | 10.605G   | 57.58         | 74.00         | -16.42     | 15.20      | 3       | H         | 60         | 1.85      | -        |
| PK   | 15.94374G | 61.56         | 74.00         | -12.44     | 18.12      | 3       | H         | 237        | 2.21      | -        |

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****5510MHz\_TX**

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4588G  | 52.41         | 54.00         | -1.59      | 5.97       | 3       | V         | 72         | 1.00      | -        |
| AV   | 5.4684G  | 53.63         | 54.00         | -0.37      | 6.01       | 3       | V         | 72         | 1.00      | -        |
| AV   | 5.4924G  | 96.08         | Inf           | -Inf       | 6.13       | 3       | V         | 72         | 1.00      | -        |
| PK   | 5.4596G  | 66.69         | 74.00         | -7.31      | 5.97       | 3       | V         | 72         | 1.00      | -        |
| PK   | 5.4688G  | 72.14         | 74.00         | -1.86      | 6.02       | 3       | V         | 72         | 1.00      | -        |
| PK   | 5.5232G  | 109.52        | Inf           | -Inf       | 6.30       | 3       | V         | 72         | 1.00      | -        |

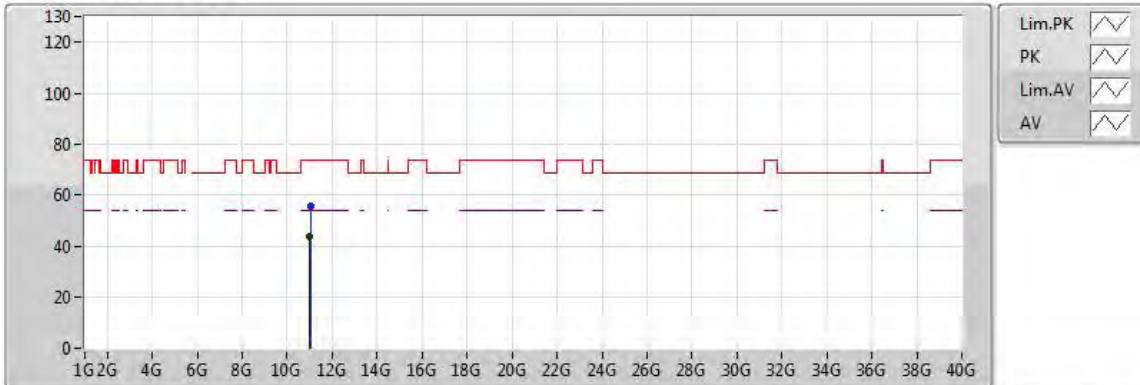
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****5510MHz\_TX**

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4588G  | 51.77         | 54.00         | -2.23      | 5.97       | 3       | H         | 326        | 1.02      | -        |
| AV   | 5.4688G  | 53.77         | 54.00         | -0.23      | 6.02       | 3       | H         | 326        | 1.02      | -        |
| AV   | 5.5044G  | 99.64         | Inf           | -Inf       | 6.19       | 3       | H         | 326        | 1.02      | -        |
| PK   | 5.4548G  | 66.53         | 74.00         | -7.47      | 5.95       | 3       | H         | 326        | 1.02      | -        |
| PK   | 5.464G   | 71.79         | 74.00         | -2.21      | 5.99       | 3       | H         | 326        | 1.02      | -        |
| PK   | 5.5056G  | 109.25        | Inf           | -Inf       | 6.19       | 3       | H         | 326        | 1.02      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5510MHz\_TX



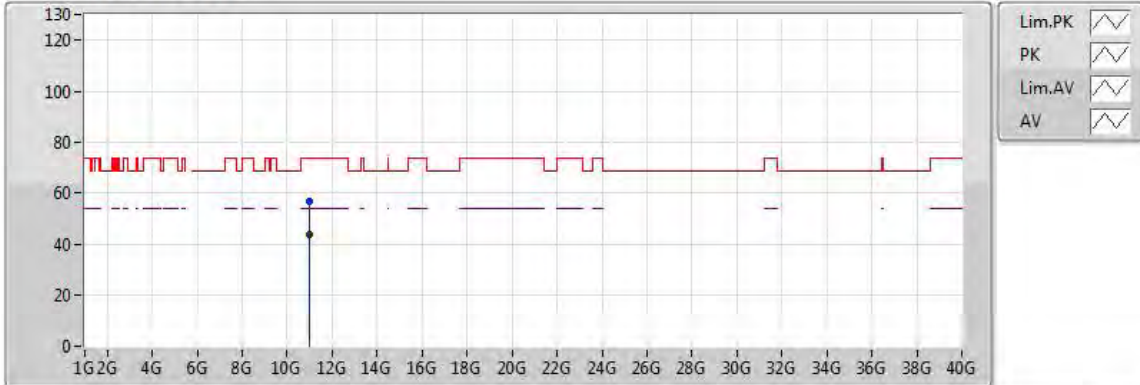
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.00746G | 43.73         | 54.00         | -10.27     | 15.80      | 3       | V         | 174        | 1.70      | -        |
| PK   | 11.02354G | 55.63         | 74.00         | -18.37     | 15.82      | 3       | V         | 174        | 1.70      | -        |

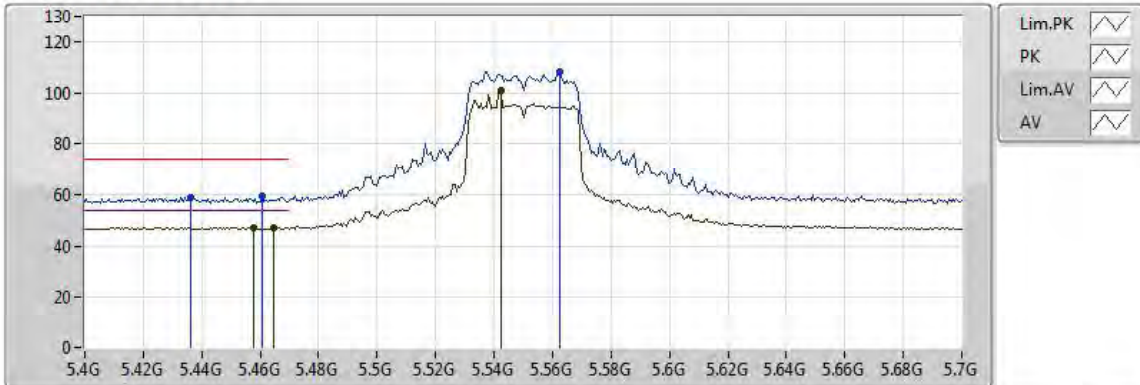


## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5510MHz\_TX



| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.00728G | 43.52         | 54.00         | -10.48     | 15.80      | 3       | H         | 346        | 2.21      | -        |
| PK   | 11.00788G | 56.80         | 74.00         | -17.20     | 15.81      | 3       | H         | 346        | 2.21      | -        |

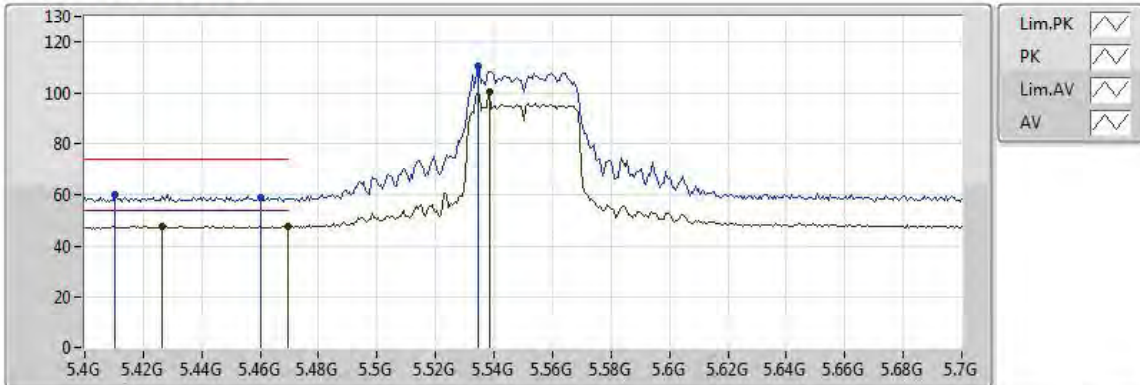
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****5550MHz\_TX**

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4576G  | 47.10         | 54.00         | -6.90      | 5.96       | 3       | V         | 59         | 1.89      | -        |
| AV   | 5.4648G  | 47.23         | 54.00         | -6.77      | 6.00       | 3       | V         | 59         | 1.89      | -        |
| AV   | 5.5422G  | 100.93        | Inf           | -Inf       | 6.42       | 3       | V         | 59         | 1.89      | -        |
| PK   | 5.436G   | 58.75         | 74.00         | -15.25     | 5.87       | 3       | V         | 59         | 1.89      | -        |
| PK   | 5.4606G  | 59.41         | 74.00         | -14.59     | 5.98       | 3       | V         | 59         | 1.89      | -        |
| PK   | 5.5626G  | 108.35        | Inf           | -Inf       | 6.55       | 3       | V         | 59         | 1.89      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5550MHz\_TX



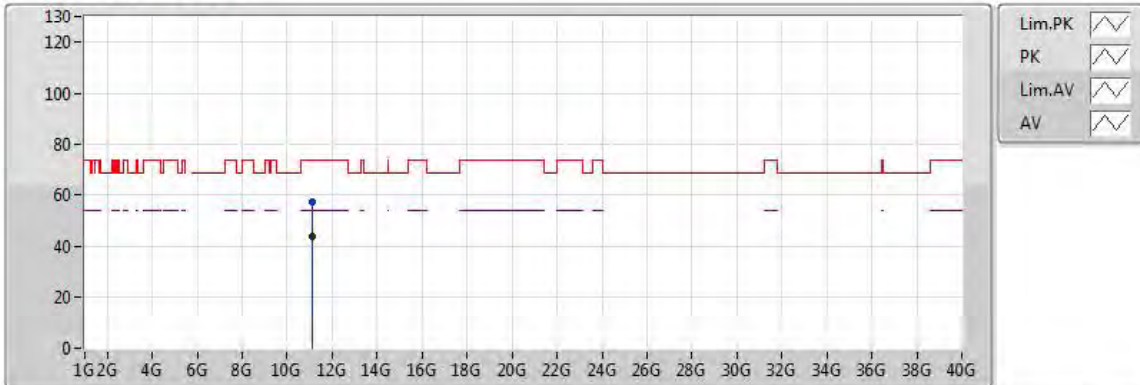
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4264G   | 47.76         | 54.00         | -6.24      | 5.82       | 3       | H         | 347        | 2.35      | -        |
| AV   | 5.4696G   | 47.53         | 54.00         | -6.47      | 6.02       | 3       | H         | 347        | 2.35      | -        |
| AV   | 5.5386G   | 100.52        | Inf           | -Inf       | 6.40       | 3       | H         | 347        | 2.35      | -        |
| PK   | 5.4102G   | 60.19         | 74.00         | -13.81     | 5.75       | 3       | H         | 347        | 2.35      | -        |
| PK   | 5.460005G | 59.11         | 74.00         | -14.89     | 5.98       | 3       | H         | 347        | 2.35      | -        |
| PK   | 5.5344G   | 110.47        | Inf           | -Inf       | 6.37       | 3       | H         | 347        | 2.35      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5550MHz\_TX



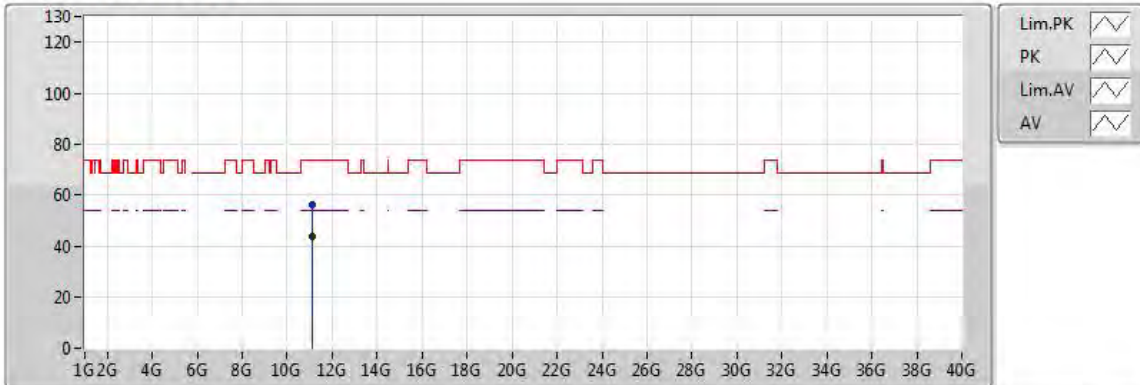
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.08662G | 43.75         | 54.00         | -10.25     | 15.86      | 3       | V         | 73         | 1.75      | -        |
| PK   | 11.11284G | 56.99         | 74.00         | -17.01     | 15.87      | 3       | V         | 73         | 1.75      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5550MHz\_TX



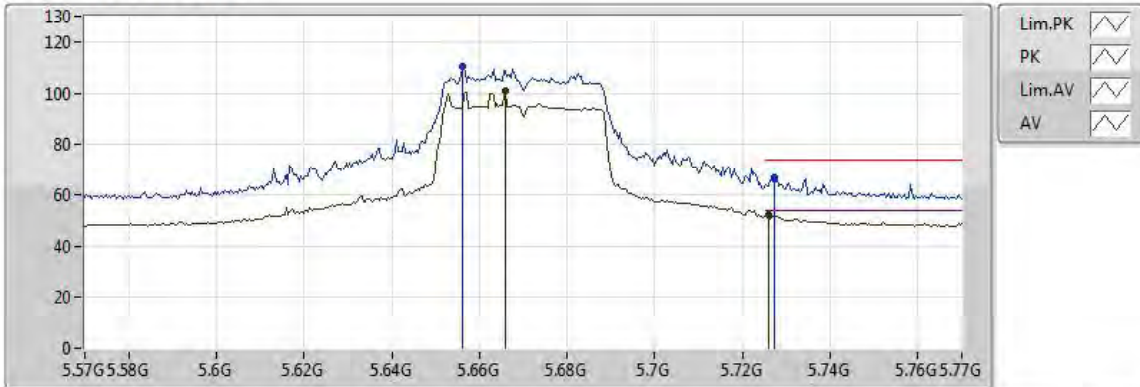
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.09496G | 43.80         | 54.00         | -10.20     | 15.86      | 3       | H         | 187        | 2.42      | -        |
| PK   | 11.1003G  | 56.07         | 74.00         | -17.93     | 15.87      | 3       | H         | 187        | 2.42      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5670MHz\_TX



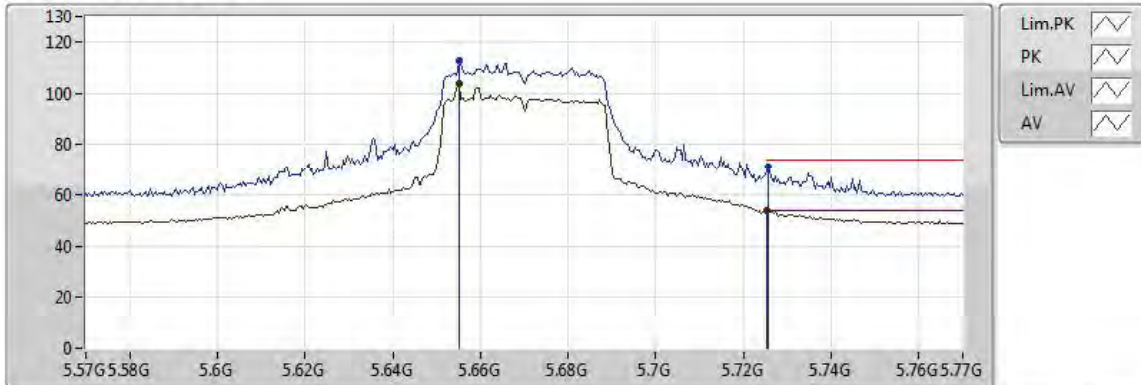
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.666G   | 100.78        | Inf           | -Inf       | 6.91       | 3       | V         | 50         | 2.03      | -        |
| AV   | 5.726G   | 52.28         | 54.00         | -1.72      | 7.02       | 3       | V         | 50         | 2.03      | -        |
| PK   | 5.656G   | 110.11        | Inf           | -Inf       | 6.89       | 3       | V         | 50         | 2.03      | -        |
| PK   | 5.7272G  | 66.56         | 74.00         | -7.44      | 7.03       | 3       | V         | 50         | 2.03      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5670MHz\_TX



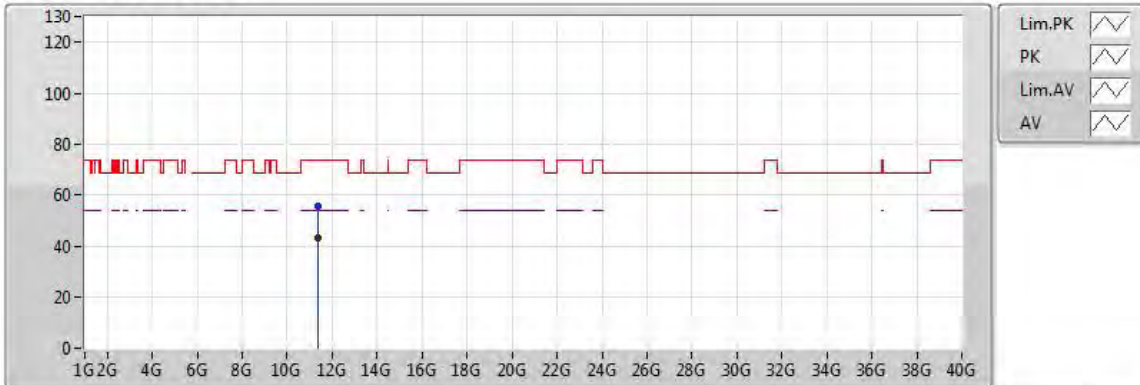
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.6552G  | 103.87        | Inf           | -Inf       | 6.88       | 3       | H         | 5          | 2.29      | -        |
| AV   | 5.7252G  | 53.87         | 54.00         | -0.13      | 7.02       | 3       | H         | 5          | 2.29      | -        |
| PK   | 5.6552G  | 112.39        | Inf           | -Inf       | 6.88       | 3       | H         | 5          | 2.29      | -        |
| PK   | 5.7256G  | 71.10         | 74.00         | -2.90      | 7.02       | 3       | H         | 5          | 2.29      | -        |



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5670MHz\_TX



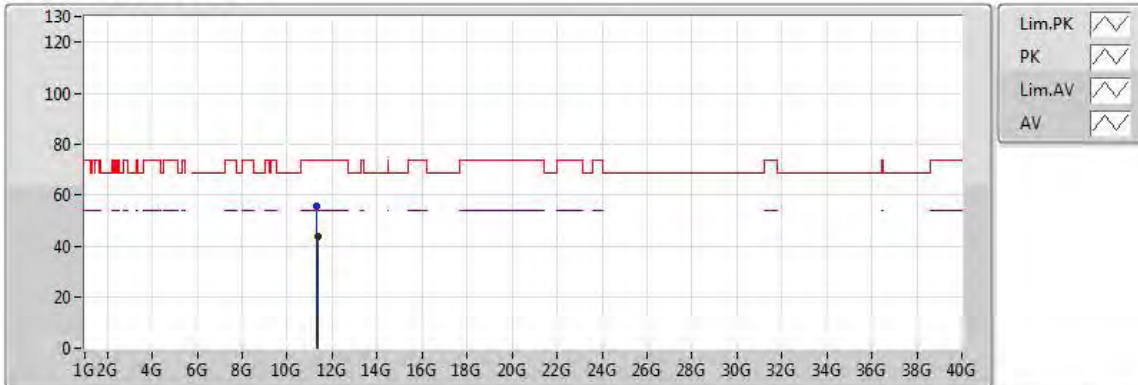
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.34708G | 43.27         | 54.00         | -10.73     | 16.03      | 3       | V         | 74         | 1.68      | -        |
| PK   | 11.3466G  | 55.43         | 74.00         | -18.57     | 16.03      | 3       | V         | 74         | 1.68      | -        |



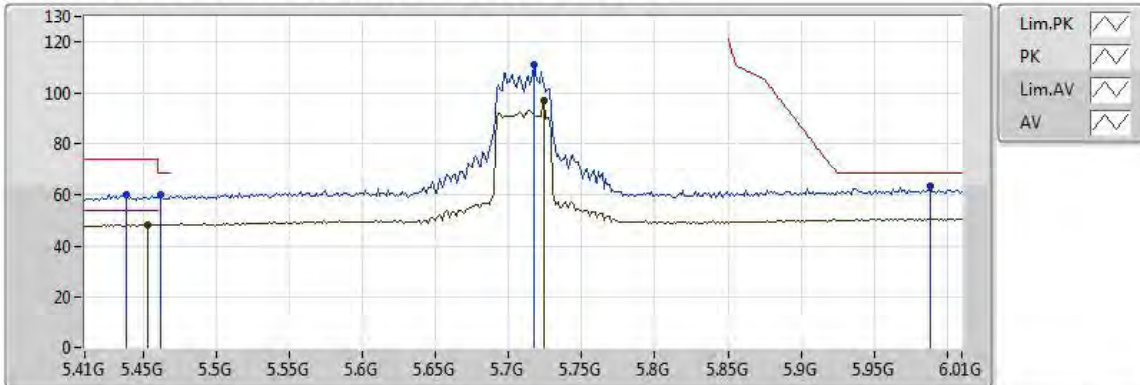
## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

### 5670MHz\_TX



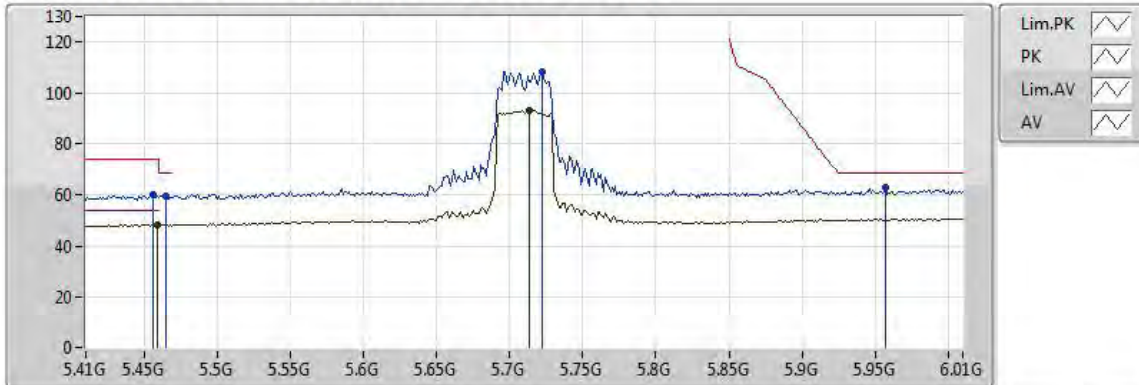
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.34312G | 43.51         | 54.00         | -10.49     | 16.03      | 3       | H         | 271        | 1.44      | -        |
| PK   | 11.33256G | 55.75         | 74.00         | -18.25     | 16.02      | 3       | H         | 271        | 1.44      | -        |

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****5710MHz Straddle 5.47-5.725GHz\_TX**

20170629  
EUT Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4532G  | 48.34         | 54.00         | -5.66      | 5.94       | 3       | V         | 238        | 1.50      | -        |
| AV   | 5.7244G  | 96.70         | Inf           | -Inf       | 7.02       | 3       | V         | 238        | 1.50      | -        |
| PK   | 5.4388G  | 59.83         | 74.00         | -14.17     | 5.88       | 3       | V         | 238        | 1.50      | -        |
| PK   | 5.4616G  | 59.72         | 68.20         | -8.48      | 5.98       | 3       | V         | 238        | 1.50      | -        |
| PK   | 5.7172G  | 111.16        | Inf           | -Inf       | 7.01       | 3       | V         | 238        | 1.50      | -        |
| PK   | 5.9884G  | 63.05         | 68.20         | -5.15      | 8.40       | 3       | V         | 238        | 1.50      | -        |

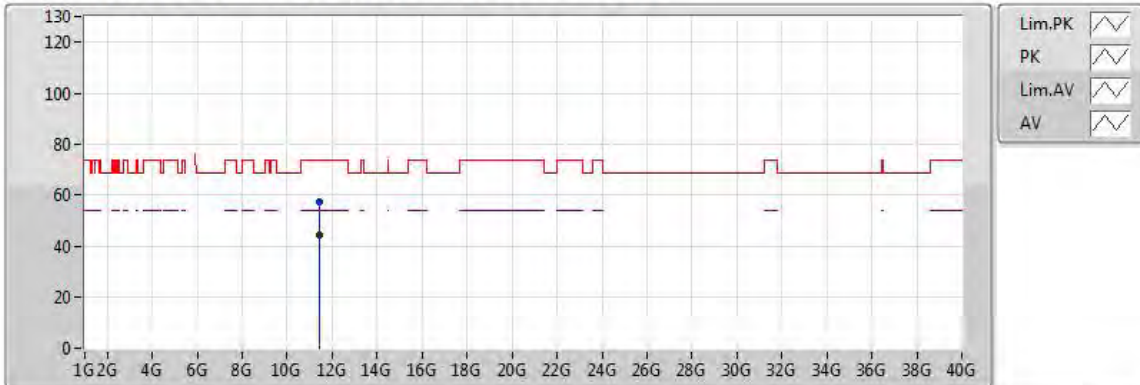
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****5710MHz Straddle 5.47-5.725GHz\_TX**

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4592G  | 48.40         | 54.00         | -5.60      | 5.97       | 3       | H         | 125        | 2.23      | -        |
| AV   | 5.7136G  | 93.18         | Inf           | -Inf       | 7.00       | 3       | H         | 125        | 2.23      | -        |
| PK   | 5.4556G  | 59.90         | 74.00         | -14.10     | 5.96       | 3       | H         | 125        | 2.23      | -        |
| PK   | 5.4652G  | 59.45         | 68.20         | -8.75      | 6.00       | 3       | H         | 125        | 2.23      | -        |
| PK   | 5.722G   | 108.32        | Inf           | -Inf       | 7.02       | 3       | H         | 125        | 2.23      | -        |
| PK   | 5.9572G  | 62.53         | 68.20         | -5.67      | 8.20       | 3       | H         | 125        | 2.23      | -        |



# 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## 5710MHz Straddle 5.47-5.725GHz\_TX



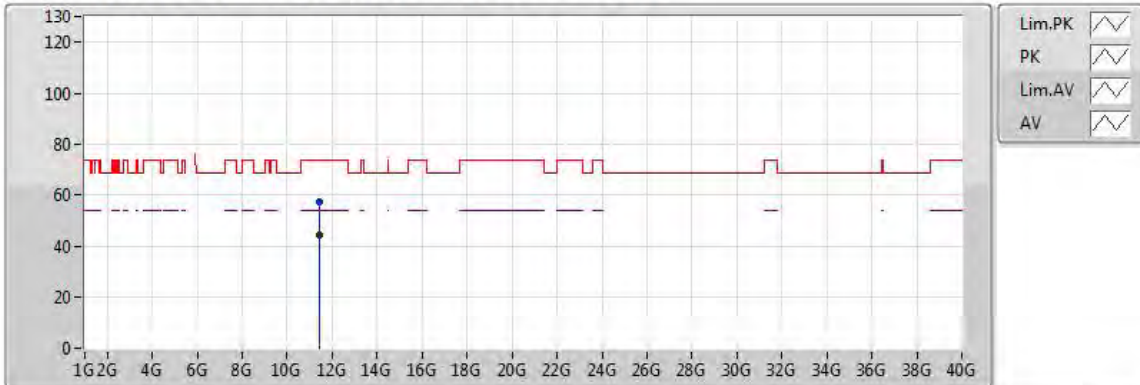
20170629  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.40704G | 44.31         | 54.00         | -9.69      | 16.07      | 3       | V         | 6          | 1.90      | -        |
| PK   | 11.42222G | 57.30         | 74.00         | -16.70     | 16.08      | 3       | V         | 6          | 1.90      | -        |



# 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

## 5710MHz Straddle 5.47-5.725GHz\_TX



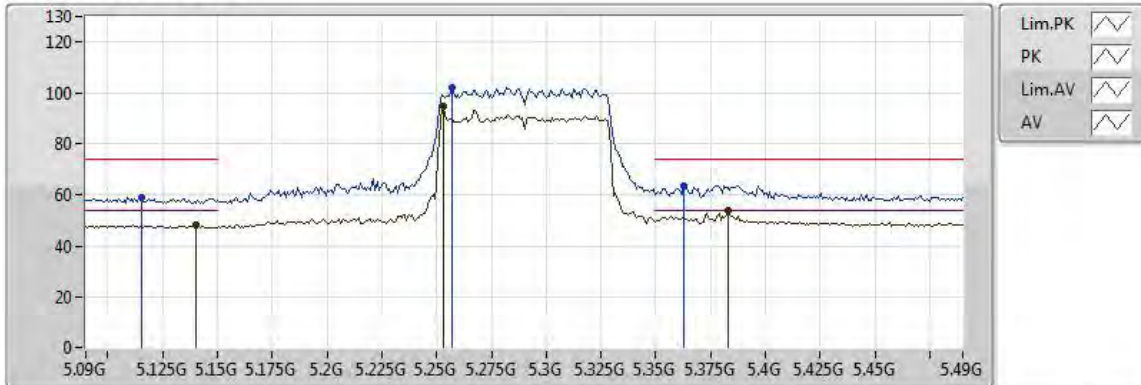
20170629  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.41544G | 44.26         | 54.00         | -9.74      | 16.07      | 3       | H         | 241        | 1.08      | -        |
| PK   | 11.42906G | 56.97         | 74.00         | -17.03     | 16.08      | 3       | H         | 241        | 1.08      | -        |



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5290MHz\_TX



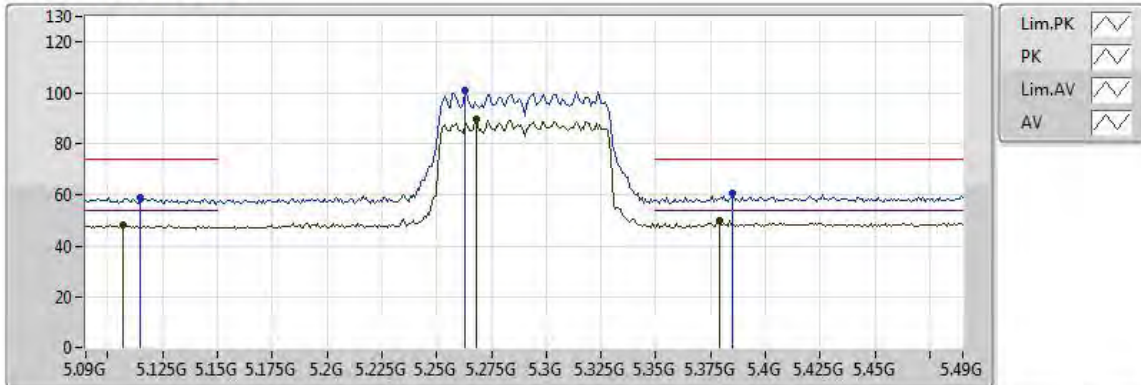
20170623  
EUT Y\_2TX  
Setting 17  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.1404G  | 48.04         | 54.00         | -5.96      | 5.28       | 3       | V         | 243        | 1.50      | -        |
| AV   | 5.2532G  | 94.69         | Inf           | -Inf       | 5.55       | 3       | V         | 243        | 1.50      | -        |
| AV   | 5.3828G  | 53.87         | 54.00         | -0.13      | 5.68       | 3       | V         | 243        | 1.50      | -        |
| PK   | 5.1156G  | 58.99         | 74.00         | -15.01     | 5.19       | 3       | V         | 243        | 1.50      | -        |
| PK   | 5.2572G  | 101.88        | Inf           | -Inf       | 5.55       | 3       | V         | 243        | 1.50      | -        |
| PK   | 5.3628G  | 63.36         | 74.00         | -10.64     | 5.66       | 3       | V         | 243        | 1.50      | -        |



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5290MHz\_TX



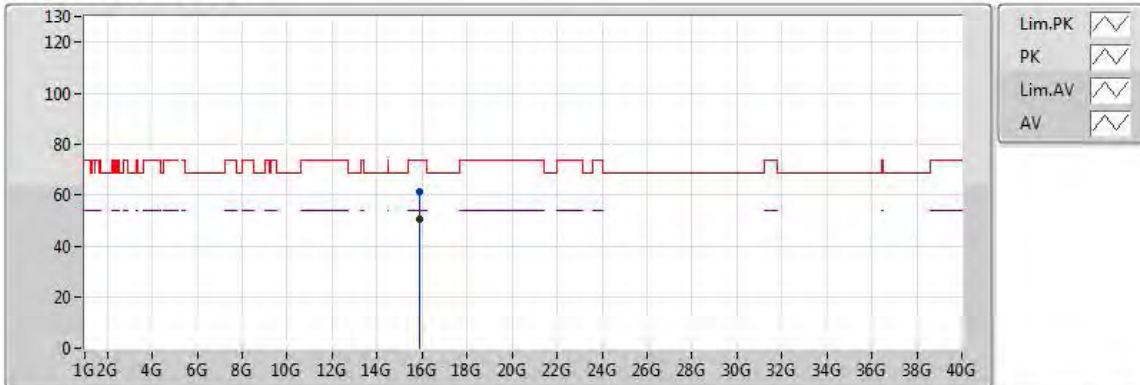
20170623  
EUT Y\_2TX  
Setting 17  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.1068G  | 48.23         | 54.00         | -5.77      | 5.16       | 3       | H         | 153        | 2.09      | -        |
| AV   | 5.2684G  | 89.75         | Inf           | -Inf       | 5.57       | 3       | H         | 153        | 2.09      | -        |
| AV   | 5.3788G  | 49.68         | 54.00         | -4.32      | 5.68       | 3       | H         | 153        | 2.09      | -        |
| PK   | 5.1148G  | 58.89         | 74.00         | -15.11     | 5.19       | 3       | H         | 153        | 2.09      | -        |
| PK   | 5.2628G  | 101.09        | Inf           | -Inf       | 5.56       | 3       | H         | 153        | 2.09      | -        |
| PK   | 5.3852G  | 60.26         | 74.00         | -13.74     | 5.69       | 3       | H         | 153        | 2.09      | -        |



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5290MHz\_TX



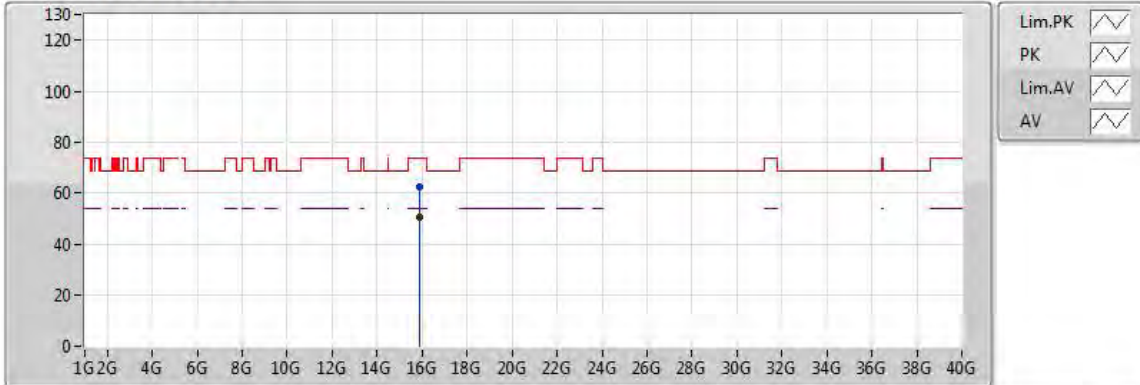
20170623  
EUT Y\_2TX  
Setting 17  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 15.87654G | 50.20         | 54.00         | -3.80      | 18.07      | 3       | V         | 129        | 1.16      | -        |
| PK   | 15.86838G | 61.11         | 74.00         | -12.89     | 18.06      | 3       | V         | 129        | 1.16      | -        |



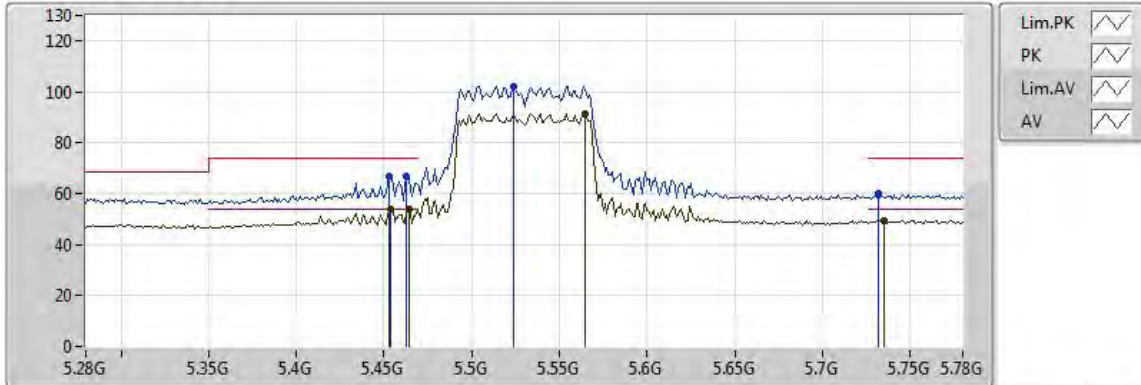
## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5290MHz\_TX

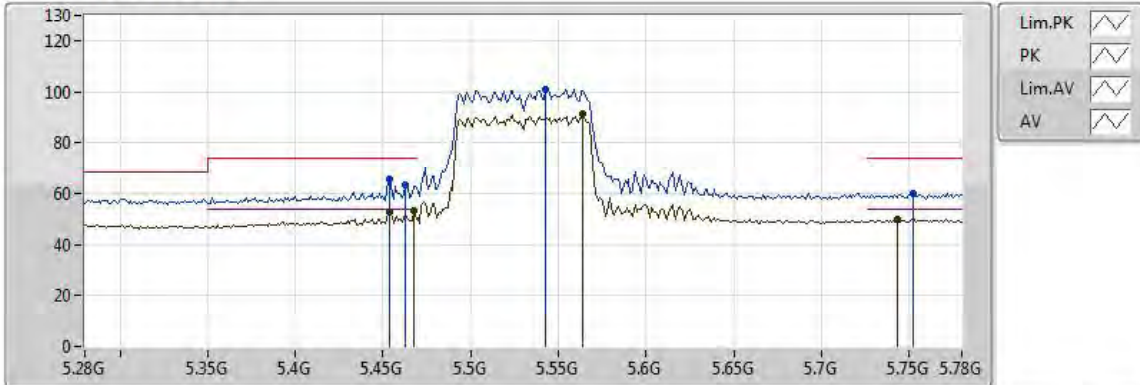


20170623  
EUT Y\_2TX  
Setting 17  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 15.86892G | 50.50         | 54.00         | -3.50      | 18.06      | 3       | H         | 198        | 2.32      | -        |
| PK   | 15.86118G | 62.21         | 74.00         | -11.79     | 18.06      | 3       | H         | 198        | 2.32      | -        |

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****5530MHz\_TX**

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.454G   | 53.58         | 54.00         | -0.42      | 5.95       | 3       | V         | 269        | 1.23      | -        |
| AV   | 5.464G   | 53.86         | 54.00         | -0.14      | 5.99       | 3       | V         | 269        | 1.23      | -        |
| AV   | 5.565G   | 91.53         | Inf           | -Inf       | 6.56       | 3       | V         | 269        | 1.23      | -        |
| AV   | 5.735G   | 49.49         | 54.00         | -4.51      | 7.04       | 3       | V         | 269        | 1.23      | -        |
| PK   | 5.453G   | 66.85         | 74.00         | -7.15      | 5.94       | 3       | V         | 269        | 1.23      | -        |
| PK   | 5.463G   | 66.42         | 74.00         | -7.58      | 5.99       | 3       | V         | 269        | 1.23      | -        |
| PK   | 5.524G   | 102.10        | Inf           | -Inf       | 6.31       | 3       | V         | 269        | 1.23      | -        |
| PK   | 5.732G   | 59.77         | 74.00         | -14.23     | 7.04       | 3       | V         | 269        | 1.23      | -        |

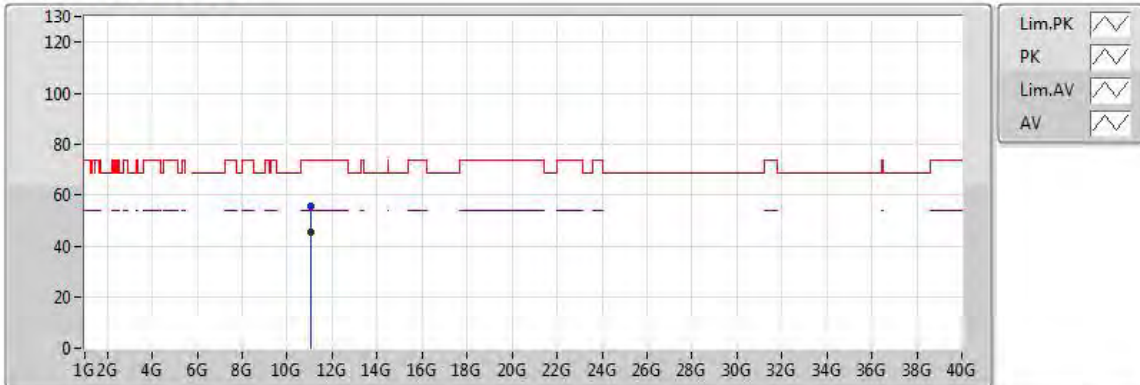
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****5530MHz\_TX**

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.454G   | 52.84         | 54.00         | -1.16      | 5.95       | 3       | H         | 249        | 1.01      | -        |
| AV   | 5.468G   | 53.36         | 54.00         | -0.64      | 6.01       | 3       | H         | 249        | 1.01      | -        |
| AV   | 5.564G   | 91.29         | Inf           | -Inf       | 6.56       | 3       | H         | 249        | 1.01      | -        |
| AV   | 5.743G   | 49.92         | 54.00         | -4.08      | 7.06       | 3       | H         | 249        | 1.01      | -        |
| PK   | 5.454G   | 65.36         | 74.00         | -8.64      | 5.95       | 3       | H         | 249        | 1.01      | -        |
| PK   | 5.463G   | 63.04         | 74.00         | -10.96     | 5.99       | 3       | H         | 249        | 1.01      | -        |
| PK   | 5.543G   | 101.10        | Inf           | -Inf       | 6.43       | 3       | H         | 249        | 1.01      | -        |
| PK   | 5.752G   | 59.97         | 74.00         | -14.03     | 7.08       | 3       | H         | 249        | 1.01      | -        |



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5530MHz\_TX



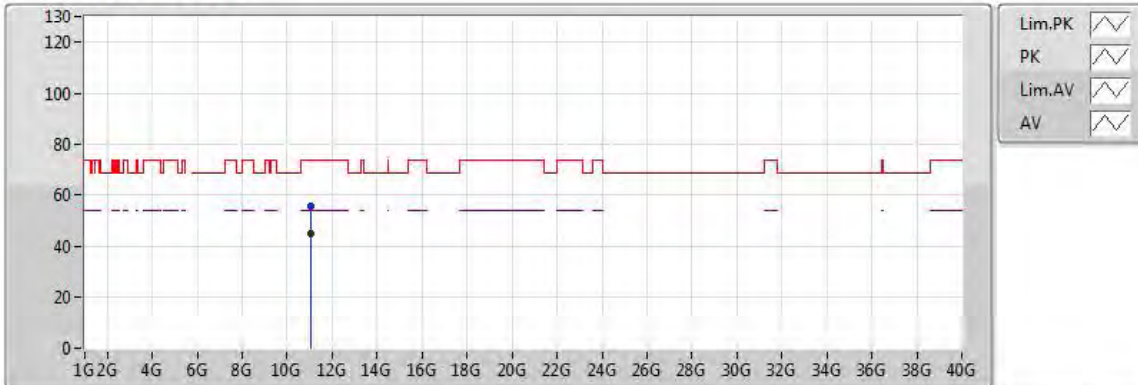
20170623  
EUT Y\_2TX  
Setting 20  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.0735G  | 45.16         | 54.00         | -8.84      | 15.85      | 3       | V         | 38         | 2.43      | -        |
| PK   | 11.07158G | 55.70         | 74.00         | -18.30     | 15.85      | 3       | V         | 38         | 2.43      | -        |



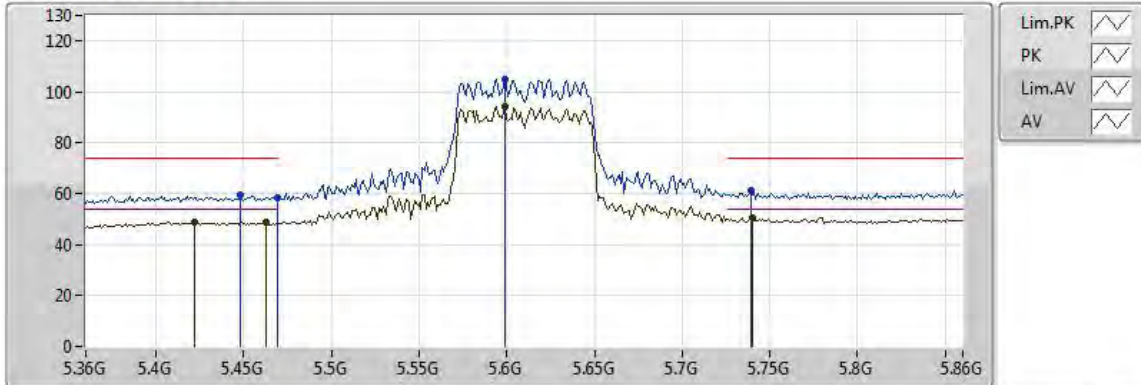
## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5530MHz\_TX



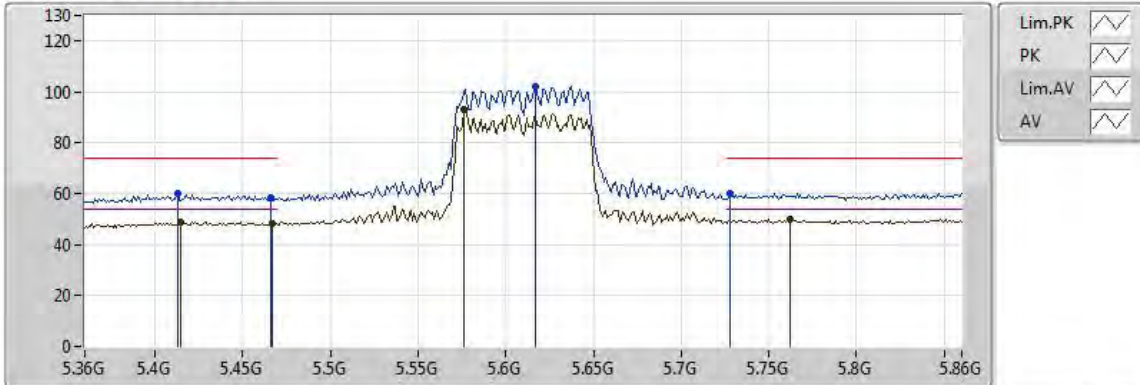
20170623  
EUT Y\_2TX  
Setting 20  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.07422G | 45.05         | 54.00         | -8.95      | 15.85      | 3       | H         | 337        | 2.31      | -        |
| PK   | 11.05472G | 55.40         | 74.00         | -18.60     | 15.84      | 3       | H         | 337        | 2.31      | -        |

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****5610MHz\_TX**

20170623  
EUT\_Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.422G   | 48.65         | 54.00         | -5.35      | 5.80       | 3       | V         | 242        | 1.07      | -        |
| AV   | 5.463G   | 48.66         | 54.00         | -5.34      | 5.99       | 3       | V         | 242        | 1.07      | -        |
| AV   | 5.599G   | 94.12         | Inf           | -Inf       | 6.77       | 3       | V         | 242        | 1.07      | -        |
| AV   | 5.74G    | 50.49         | 54.00         | -3.51      | 7.05       | 3       | V         | 242        | 1.07      | -        |
| PK   | 5.448G   | 59.21         | 74.00         | -14.79     | 5.92       | 3       | V         | 242        | 1.07      | -        |
| PK   | 5.469G   | 58.51         | 74.00         | -15.49     | 6.02       | 3       | V         | 242        | 1.07      | -        |
| PK   | 5.599G   | 105.01        | Inf           | -Inf       | 6.77       | 3       | V         | 242        | 1.07      | -        |
| PK   | 5.739G   | 61.22         | 74.00         | -12.78     | 7.05       | 3       | V         | 242        | 1.07      | -        |

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****5610MHz\_TX**

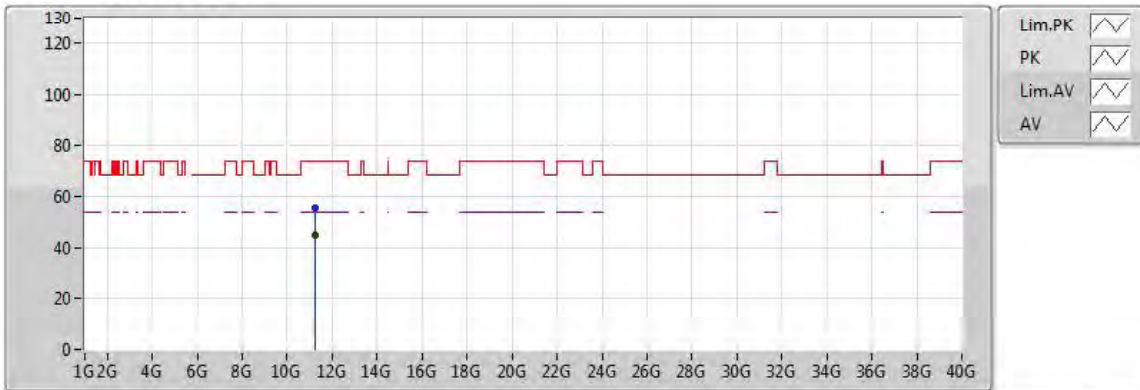
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.415G   | 48.91         | 54.00         | -5.09      | 5.77       | 3       | H         | 230        | 2.43      | -        |
| AV   | 5.467G   | 48.16         | 54.00         | -5.84      | 6.01       | 3       | H         | 230        | 2.43      | -        |
| AV   | 5.576G   | 93.14         | Inf           | -Inf       | 6.63       | 3       | H         | 230        | 2.43      | -        |
| AV   | 5.762G   | 50.05         | 54.00         | -3.95      | 7.10       | 3       | H         | 230        | 2.43      | -        |
| PK   | 5.413G   | 60.02         | 74.00         | -13.98     | 5.76       | 3       | H         | 230        | 2.43      | -        |
| PK   | 5.466G   | 58.46         | 74.00         | -15.54     | 6.00       | 3       | H         | 230        | 2.43      | -        |
| PK   | 5.617G   | 102.09        | Inf           | -Inf       | 6.81       | 3       | H         | 230        | 2.43      | -        |
| PK   | 5.728G   | 60.00         | 74.00         | -14.00     | 7.03       | 3       | H         | 230        | 2.43      | -        |



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5610MHz\_TX



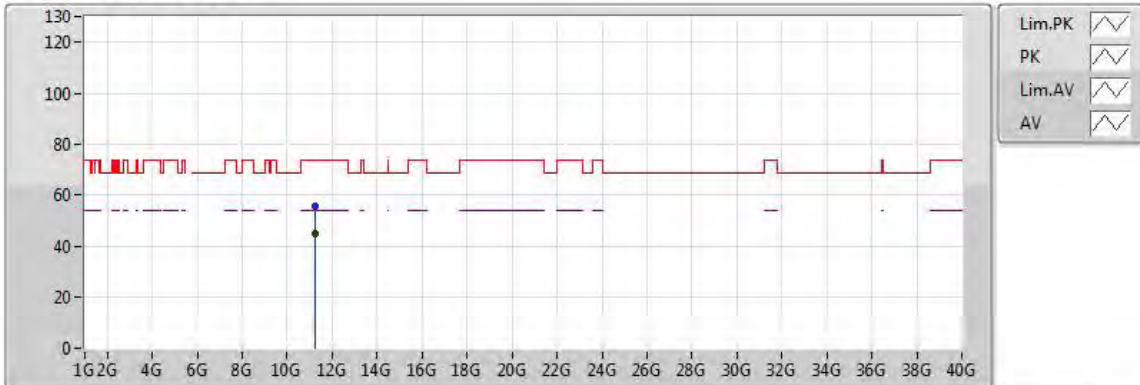
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.2194G  | 44.70         | 54.00         | -9.30      | 15.94      | 3       | V         | 136        | 1.34      | -        |
| PK   | 11.22834G | 55.55         | 74.00         | -18.45     | 15.95      | 3       | V         | 136        | 1.34      | -        |



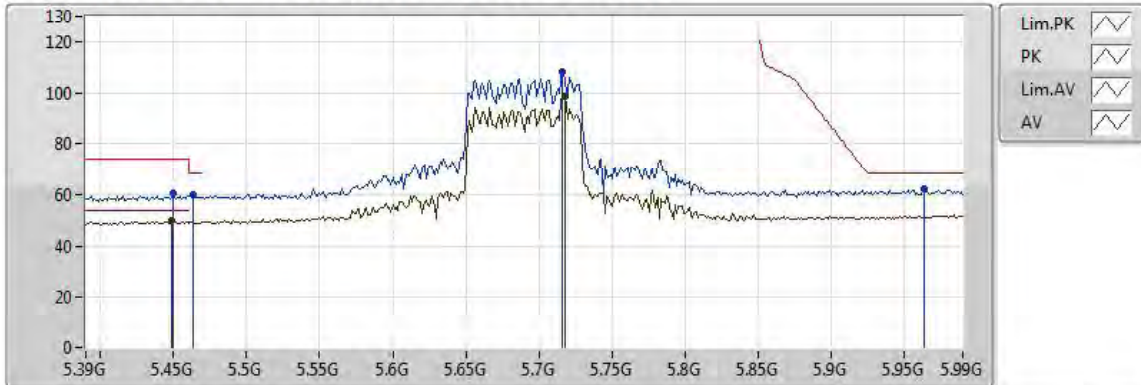
## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5610MHz\_TX



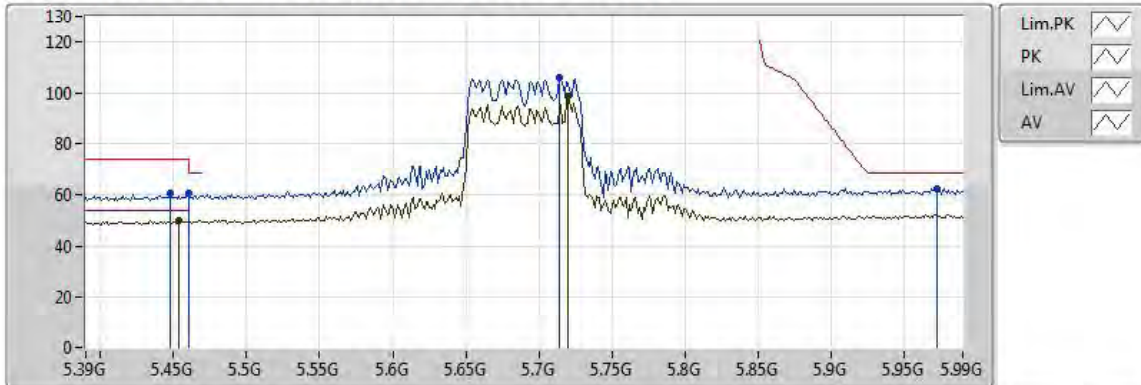
20170623  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.21904G | 44.63         | 54.00         | -9.37      | 15.94      | 3       | H         | 1/1        | 1.85      | -        |
| PK   | 11.21286G | 55.62         | 74.00         | -18.38     | 15.94      | 3       | H         | 171        | 1.85      | -        |

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****5690MHz Straddle 5.47-5.725GHz\_TX**

20170629  
EUT Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4488G  | 49.80         | 54.00         | -4.20      | 5.92       | 3       | V         | 220        | 2.01      | -        |
| AV   | 5.7176G  | 98.56         | Inf           | -Inf       | 7.01       | 3       | V         | 220        | 2.01      | -        |
| PK   | 5.45G    | 60.24         | 74.00         | -13.76     | 5.93       | 3       | V         | 220        | 2.01      | -        |
| PK   | 5.4632G  | 59.73         | 68.20         | -8.47      | 5.99       | 3       | V         | 220        | 2.01      | -        |
| PK   | 5.7164G  | 108.36        | Inf           | -Inf       | 7.00       | 3       | V         | 220        | 2.01      | -        |
| PK   | 5.9636G  | 62.00         | 68.20         | -6.20      | 8.24       | 3       | V         | 220        | 2.01      | -        |

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****5690MHz Straddle 5.47-5.725GHz\_TX**

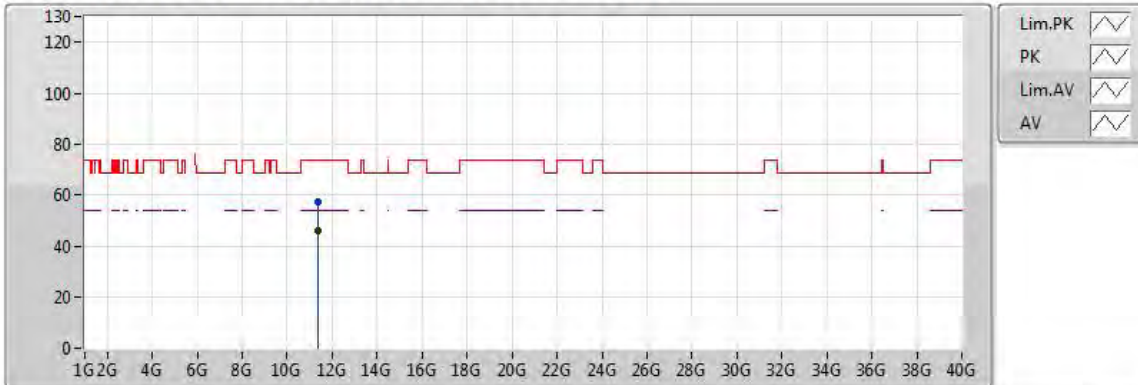
20170629  
EUT Y\_2TX  
Setting 24  
04-J-5-10  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 5.4536G   | 49.77         | 54.00         | -4.23      | 5.95       | 3       | H         | 181        | 2.23      | -        |
| AV   | 5.72G     | 98.46         | Inf           | -Inf       | 7.01       | 3       | H         | 181        | 2.23      | -        |
| PK   | 5.4476G   | 60.31         | 74.00         | -13.69     | 5.92       | 3       | H         | 181        | 2.23      | -        |
| PK   | 5.460005G | 60.30         | 68.20         | -7.90      | 5.98       | 3       | H         | 181        | 2.23      | -        |
| PK   | 5.714G    | 105.64        | Inf           | -Inf       | 7.00       | 3       | H         | 181        | 2.23      | -        |
| PK   | 5.972G    | 62.22         | 68.20         | -5.98      | 8.30       | 3       | H         | 181        | 2.23      | -        |



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5690MHz Straddle 5.47-5.725GHz\_TX



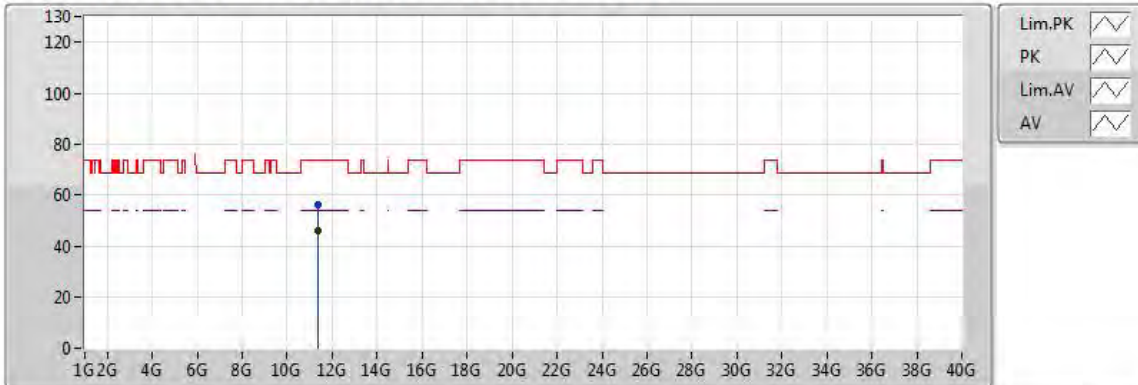
20170629  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.38768G | 46.17         | 54.00         | -7.83      | 16.06      | 3       | V         | 316        | 1.59      | -        |
| PK   | 11.3866G  | 57.33         | 74.00         | -16.67     | 16.06      | 3       | V         | 316        | 1.59      | -        |



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

### 5690MHz Straddle 5.47-5.725GHz\_TX



20170629  
EUT Y\_2TX  
Setting 24  
04-J-5  
FSP(100304)

| Type | Freq(Hz)  | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Factor(dB) | Dist(m) | Pol.(H/V) | Azimuth(°) | Height(m) | Comments |
|------|-----------|---------------|---------------|------------|------------|---------|-----------|------------|-----------|----------|
| AV   | 11.39176G | 45.69         | 54.00         | -8.31      | 16.06      | 3       | H         | 310        | 1.95      | -        |
| PK   | 11.38666G | 56.25         | 74.00         | -17.75     | 16.06      | 3       | H         | 310        | 1.95      | -        |

### 3.6 Frequency Stability

#### 3.6.1 Frequency Stability Limit

| Frequency Stability Limit                                                                                                                                                                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>UNII Devices</b>                                                                                                                                                                                                |  |
| <ul style="list-style-type: none"> <li>In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.</li> </ul>                          |  |
| <b>LE-LAN Devices</b>                                                                                                                                                                                              |  |
| <ul style="list-style-type: none"> <li>N/A</li> </ul>                                                                                                                                                              |  |
| <b>IEEE Std. 802.11</b>                                                                                                                                                                                            |  |
| <ul style="list-style-type: none"> <li>The transmitter center frequency tolerance shall be <math>\pm 20</math> ppm maximum for the 5 GHz band and <math>\pm 25</math> ppm maximum for the 2.4 GHz band.</li> </ul> |  |

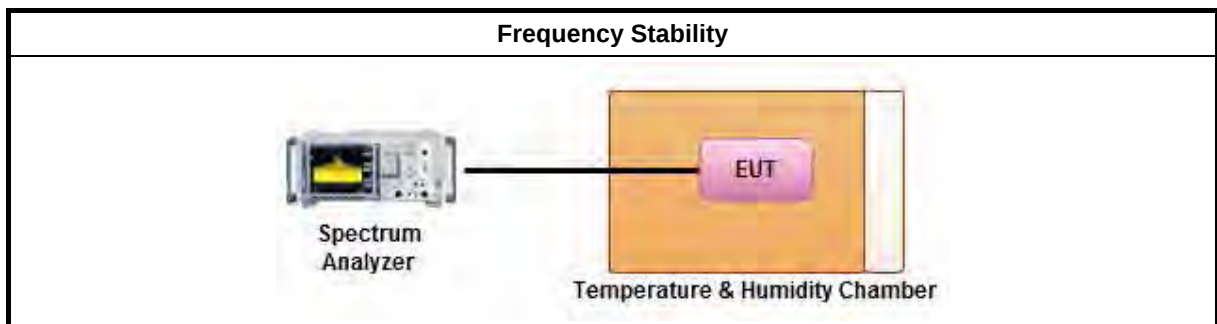
#### 3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

#### 3.6.3 Test Procedures

| Test Method                                                                                                      |                                                                                                           |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.8 for frequency stability tests</li> </ul> |                                                                                                           |
|                                                                                                                  | <ul style="list-style-type: none"> <li>Frequency stability with respect to ambient temperature</li> </ul> |
|                                                                                                                  | <ul style="list-style-type: none"> <li>Frequency stability when varying supply voltage</li> </ul>         |
|                                                                                                                  | <ul style="list-style-type: none"> <li>Extreme temperature is 0°C~40°C.</li> </ul>                        |

#### 3.6.4 Test Setup



**3.6.5 Test Result of Frequency Stability****Mode: 20 MHz / Port 2****Voltage vs. Frequency Stability**

| Voltage              | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (V)                  | 5300 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 126.50               | 5299.9938                   | 5299.9928 | 5299.9918 | 5299.9917 |
| 110.00               | 5299.9934                   | 5299.9928 | 5299.9919 | 5299.9916 |
| 93.50                | 5299.9929                   | 5299.9928 | 5299.9922 | 5299.9913 |
| Max. Deviation (MHz) | 0.0071                      | 0.0072    | 0.0082    | 0.0087    |
| Max. Deviation (ppm) | 1.34                        | 1.36      | 1.55      | 1.64      |
| Result               | Pass                        |           |           |           |

**Temperature vs. Frequency Stability**

| Temperature          | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (°C)                 | 5300 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 0                    | 5299.9944                   | 5299.9939 | 5299.9933 | 5299.9928 |
| 10                   | 5299.9941                   | 5299.9931 | 5299.9921 | 5299.9917 |
| 20                   | 5299.9934                   | 5299.9927 | 5299.9923 | 5299.9914 |
| 30                   | 5299.9891                   | 5299.9881 | 5299.9880 | 5299.9871 |
| 40                   | 5299.9889                   | 5299.9888 | 5299.9882 | 5299.9874 |
| Max. Deviation (MHz) | 0.0111                      | 0.0119    | 0.0120    | 0.0129    |
| Max. Deviation (ppm) | 2.09                        | 2.25      | 2.26      | 2.43      |
| Result               | Pass                        |           |           |           |

**Voltage vs. Frequency Stability**

| Voltage              | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (V)                  | 5580 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 126.50               | 5579.9939                   | 5579.9938 | 5579.9934 | 5579.9933 |
| 110.00               | 5579.9934                   | 5579.9931 | 5579.9924 | 5579.9921 |
| 93.50                | 5579.9924                   | 5579.9918 | 5579.9917 | 5579.9908 |
| Max. Deviation (MHz) | 0.0076                      | 0.0082    | 0.0083    | 0.0092    |
| Max. Deviation (ppm) | 1.36                        | 1.47      | 1.49      | 1.65      |
| Result               | Pass                        |           |           |           |

**Temperature vs. Frequency Stability**

| Temperature          | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (°C)                 | 5580 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 0                    | 5579.9938                   | 5579.9928 | 5579.9927 | 5579.9923 |
| 10                   | 5579.9936                   | 5579.9934 | 5579.9932 | 5579.9924 |
| 20                   | 5579.9934                   | 5579.9927 | 5579.9921 | 5579.9914 |
| 30                   | 5579.9891                   | 5579.9883 | 5579.9877 | 5579.9873 |
| 40                   | 5579.9871                   | 5579.9867 | 5579.9862 | 5579.9858 |
| Max. Deviation (MHz) | 0.0129                      | 0.0133    | 0.0138    | 0.0142    |
| Max. Deviation (ppm) | 2.31                        | 2.38      | 2.47      | 2.54      |
| Result               | Pass                        |           |           |           |

**Mode: 40 MHz / Port 2****Voltage vs. Frequency Stability**

| Voltage              | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (V)                  | 5310 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 126.50               | 5309.9941                   | 5309.9933 | 5309.9923 | 5309.9922 |
| 110.00               | 5309.9934                   | 5309.9930 | 5309.9922 | 5309.9917 |
| 93.50                | 5309.9925                   | 5309.9917 | 5309.9910 | 5309.9901 |
| Max. Deviation (MHz) | 0.0075                      | 0.0083    | 0.0090    | 0.0099    |
| Max. Deviation (ppm) | 1.41                        | 1.56      | 1.69      | 1.86      |
| Result               | Pass                        |           |           |           |

**Temperature vs. Frequency Stability**

| Temperature          | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (°C)                 | 5310 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 0                    | 5309.9963                   | 5309.9960 | 5309.9954 | 5309.9949 |
| 10                   | 5309.9943                   | 5309.9941 | 5309.9940 | 5309.9933 |
| 20                   | 5309.9934                   | 5309.9933 | 5309.9926 | 5309.9920 |
| 30                   | 5309.9891                   | 5309.9886 | 5309.9882 | 5309.9879 |
| 40                   | 5309.9875                   | 5309.9865 | 5309.9859 | 5309.9854 |
| Max. Deviation (MHz) | 0.0125                      | 0.0135    | 0.0141    | 0.0146    |
| Max. Deviation (ppm) | 2.35                        | 2.54      | 2.66      | 2.75      |
| Result               | Pass                        |           |           |           |

**Voltage vs. Frequency Stability**

| Voltage              | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (V)                  | 5550 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 126.50               | 5549.9940                   | 5549.9935 | 5549.9929 | 5549.9927 |
| 110.00               | 5549.9934                   | 5549.9929 | 5549.9926 | 5549.9921 |
| 93.50                | 5549.9932                   | 5549.9922 | 5549.9920 | 5549.9919 |
| Max. Deviation (MHz) | 0.0068                      | 0.0078    | 0.0080    | 0.0081    |
| Max. Deviation (ppm) | 1.23                        | 1.41      | 1.44      | 1.46      |
| Result               | Pass                        |           |           |           |

**Temperature vs. Frequency Stability**

| Temperature          | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (°C)                 | 5550 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 0                    | 5549.9961                   | 5549.9955 | 5549.9946 | 5549.9943 |
| 10                   | 5549.9952                   | 5549.9947 | 5549.9938 | 5549.9933 |
| 20                   | 5549.9934                   | 5549.9927 | 5549.9922 | 5549.9918 |
| 30                   | 5549.9891                   | 5549.9881 | 5549.9877 | 5549.9873 |
| 40                   | 5549.9886                   | 5549.9878 | 5549.9868 | 5549.9859 |
| Max. Deviation (MHz) | 0.0114                      | 0.0122    | 0.0132    | 0.0141    |
| Max. Deviation (ppm) | 2.05                        | 2.20      | 2.38      | 2.54      |
| Result               | Pass                        |           |           |           |

**Mode: 80 MHz / Port 2****Voltage vs. Frequency Stability**

| Voltage              | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (V)                  | 5290 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 126.50               | 5289.9938                   | 5289.9936 | 5289.9929 | 5289.9927 |
| 110.00               | 5289.9934                   | 5289.9930 | 5289.9929 | 5289.9925 |
| 93.50                | 5289.9925                   | 5289.9919 | 5289.9912 | 5289.9904 |
| Max. Deviation (MHz) | 0.0075                      | 0.0081    | 0.0088    | 0.0096    |
| Max. Deviation (ppm) | 1.42                        | 1.53      | 1.66      | 1.81      |
| Result               | Pass                        |           |           |           |

**Temperature vs. Frequency Stability**

| Temperature          | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (°C)                 | 5290 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 0                    | 5289.9971                   | 5289.9969 | 5289.9963 | 5289.9962 |
| 10                   | 5289.9954                   | 5289.9952 | 5289.9946 | 5289.9943 |
| 20                   | 5289.9934                   | 5289.9932 | 5289.9923 | 5289.9922 |
| 30                   | 5289.9891                   | 5289.9887 | 5289.9884 | 5289.9876 |
| 40                   | 5289.9875                   | 5289.9868 | 5289.9861 | 5289.9855 |
| Max. Deviation (MHz) | 0.0125                      | 0.0132    | 0.0139    | 0.0145    |
| Max. Deviation (ppm) | 2.36                        | 2.50      | 2.63      | 2.74      |
| Result               | Pass                        |           |           |           |

**Voltage vs. Frequency Stability**

| Voltage              | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (V)                  | 5530 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 126.50               | 5529.9938                   | 5529.9930 | 5529.9927 | 5529.9924 |
| 110.00               | 5529.9934                   | 5529.9924 | 5529.9914 | 5529.9913 |
| 93.50                | 5529.9928                   | 5529.9920 | 5529.9914 | 5529.9911 |
| Max. Deviation (MHz) | 0.0072                      | 0.0080    | 0.0086    | 0.0089    |
| Max. Deviation (ppm) | 1.30                        | 1.45      | 1.56      | 1.61      |
| Result               | Pass                        |           |           |           |

**Temperature vs. Frequency Stability**

| Temperature          | Measurement Frequency (MHz) |           |           |           |
|----------------------|-----------------------------|-----------|-----------|-----------|
| (°C)                 | 5530 MHz                    |           |           |           |
|                      | 0 Minute                    | 2 Minute  | 5 Minute  | 10 Minute |
| 0                    | 5529.9963                   | 5529.9953 | 5529.9947 | 5529.9945 |
| 10                   | 5529.9947                   | 5529.9943 | 5529.9937 | 5529.9927 |
| 20                   | 5529.9934                   | 5529.9931 | 5529.9926 | 5529.9917 |
| 30                   | 5529.9891                   | 5529.9888 | 5529.9879 | 5529.9876 |
| 40                   | 5529.9880                   | 5529.9878 | 5529.9875 | 5529.9871 |
| Max. Deviation (MHz) | 0.0120                      | 0.0122    | 0.0125    | 0.0129    |
| Max. Deviation (ppm) | 2.17                        | 2.21      | 2.26      | 2.33      |
| Result               | Pass                        |           |           |           |



## 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-50-16-2  | 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 with 6dB Attenuator | TESEQ & EMCI | CBL6112D & N-6-06 | 37880 & 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 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 Cable-16+17  | N/A              | 1 GHz ~ 18 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |
| RF Cable-high                     | Woken        | High Cable-40G#1  | N/A              | 18GHz ~ 40 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |



| Instrument                 | Manufacturer | Model No.        | Serial No.    | Characteristics | Calibration Date | Remark                |
|----------------------------|--------------|------------------|---------------|-----------------|------------------|-----------------------|
| RF Cable-high              | Woken        | High Cable-40G#2 | N/A           | 18GHz ~ 40 GHz  | Oct. 24, 2016    | Radiation (03CH01-CB) |
| Test Software              | Audix        | E3               | 6.2009-10-7   | N/A             | N/A              | Radiation (03CH01-CB) |
| Spectrum analyzer          | R&S          | FSV40            | 100979        | 9kHz~40GHz      | Dec. 26, 2016    | Conducted (TH01-CB)   |
| Temp. and Humidity Chamber | Ten Billion  | TTH-D3SP         | TBN-931011    | -30~100 degree  | Jun. 03, 2016    | Conducted (TH01-CB)   |
| Temp. and Humidity Chamber | Ten Billion  | TTH-D3SP         | TBN-931011    | -30~100 degree  | Jun. 02, 2017    | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-6  | 1 GHz~26.5 GHz  | Oct. 24, 2016    | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-7  | 1 GHz~26.5 GHz  | Oct. 24, 2016    | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-8  | 1 GHz~26.5 GHz  | Oct. 24, 2016    | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-9  | 1 GHz~26.5 GHz  | Oct. 24, 2016    | Conducted (TH01-CB)   |
| RF Cable-high              | Woken        | RG402            | High Cable-10 | 1 GHz~26.5 GHz  | Oct. 24, 2016    | Conducted (TH01-CB)   |
| Power Sensor               | Agilent      | U2021XA          | MY53410001    | 50MHz~18GHz     | Nov. 22, 2016    | Conducted (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.

