

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | Pass   | PK   | 555.74M      | 41.93             | 46.00             | -4.07          | -0.28          | 3           | Horizontal | 0              | 1.00          | -        |

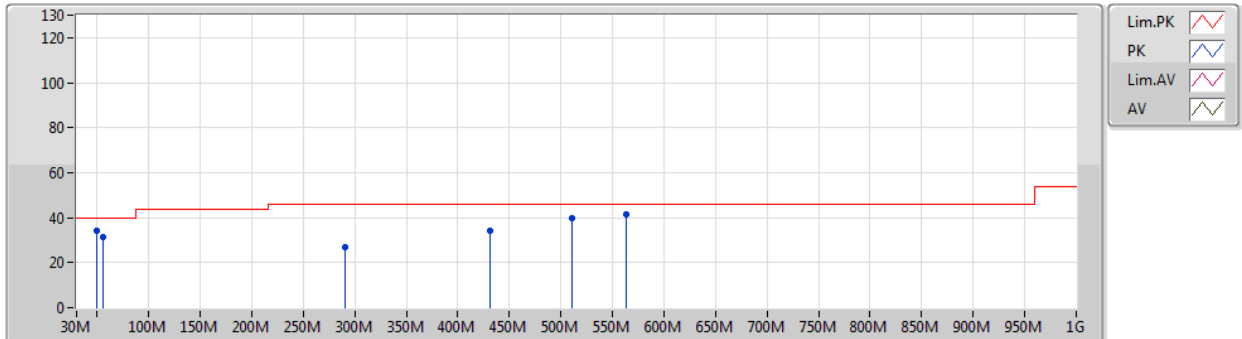
**Result**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ac VHT80_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5775MHz_PoE                    | Pass   | PK   | 49.4M        | 34.20             | 40.00             | -5.80          | -12.50         | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 55.22M       | 31.53             | 40.00             | -8.47          | -13.97         | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 289.96M      | 27.13             | 46.00             | -18.87         | -6.21          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 431.58M      | 34.10             | 46.00             | -11.90         | -2.35          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 511.12M      | 39.52             | 46.00             | -6.48          | -1.66          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 563.5M       | 41.60             | 46.00             | -4.40          | -0.36          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 37.76M       | 30.61             | 40.00             | -9.39          | -7.03          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 130.88M      | 28.36             | 43.50             | -15.14         | -7.98          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 249.22M      | 28.84             | 46.00             | -17.16         | -6.86          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 328.76M      | 30.91             | 46.00             | -15.09         | -5.35          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 433.52M      | 35.98             | 46.00             | -10.02         | -2.34          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz_PoE                    | Pass   | PK   | 555.74M      | 41.93             | 46.00             | -4.07          | -0.28          | 3           | Horizontal | 0              | 1.00          | -        |

# 802.11ac VHT80\_Nss1,(MCS0)\_4TX

## 5775MHz\_PoE

04/05/2019

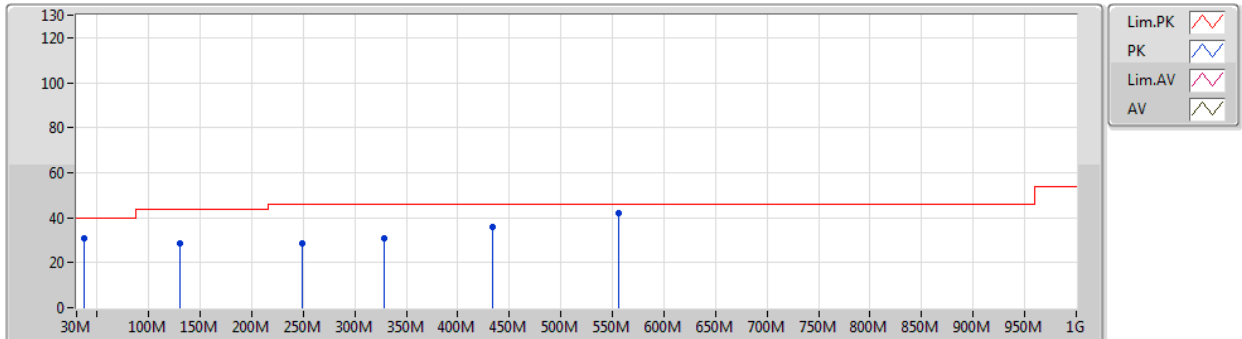


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 49.4M        | 34.20             | 40.00             | -5.80          | -12.50         | 3           | Vertical  | 360            | 1.00          | -       |  |  |  |  |
| PK   | 55.22M       | 31.53             | 40.00             | -8.47          | -13.97         | 3           | Vertical  | 360            | 1.00          | -       |  |  |  |  |
| PK   | 289.96M      | 27.13             | 46.00             | -18.87         | -6.21          | 3           | Vertical  | 360            | 1.00          | -       |  |  |  |  |
| PK   | 431.58M      | 34.10             | 46.00             | -11.90         | -2.35          | 3           | Vertical  | 360            | 1.00          | -       |  |  |  |  |
| PK   | 511.12M      | 39.52             | 46.00             | -6.48          | -1.66          | 3           | Vertical  | 360            | 1.00          | -       |  |  |  |  |
| PK   | 563.5M       | 41.60             | 46.00             | -4.40          | -0.36          | 3           | Vertical  | 360            | 1.00          | -       |  |  |  |  |

# 802.11ac VHT80\_Nss1,(MCS0)\_4TX

04/05/2019

## 5775MHz\_PoE



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 37.76M       | 30.61             | 40.00             | -9.39          | -7.03          | 3           | Horizontal | 0              | 1.00          | -       |  |  |  |  |
| PK   | 130.88M      | 28.36             | 43.50             | -15.14         | -7.98          | 3           | Horizontal | 0              | 1.00          | -       |  |  |  |  |
| PK   | 249.22M      | 28.84             | 46.00             | -17.16         | -6.86          | 3           | Horizontal | 0              | 1.00          | -       |  |  |  |  |
| PK   | 328.76M      | 30.91             | 46.00             | -15.09         | -5.35          | 3           | Horizontal | 0              | 1.00          | -       |  |  |  |  |
| PK   | 433.52M      | 35.98             | 46.00             | -10.02         | -2.34          | 3           | Horizontal | 0              | 1.00          | -       |  |  |  |  |
| PK   | 555.74M      | 41.93             | 46.00             | -4.07          | -0.28          | 3           | Horizontal | 0              | 1.00          | -       |  |  |  |  |

**Summary**

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.725-5.85GHz                     | -      | -    | -            | -                 | -                 | -              | -              | -           | -         | -              | -             | -        |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | Pass   | PK   | 569.32M      | 40.65             | 46.00             | -5.35          | -0.41          | 3           | Vertical  | 0              | 1.00          | -        |

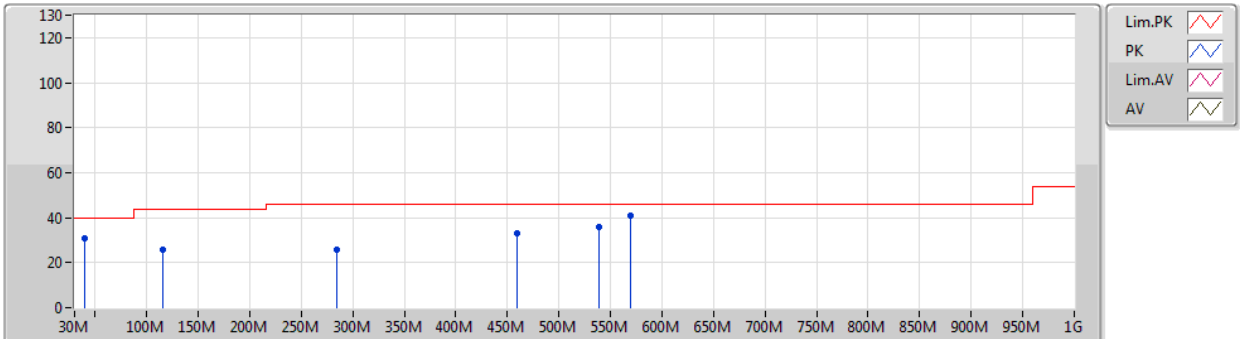
**Result**

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5775MHz_PoE                       | Pass   | PK   | 39.7M        | 30.91             | 40.00             | -9.09          | -8.06          | 3           | Vertical   | 0              | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 115.36M      | 25.86             | 43.50             | -17.64         | -8.19          | 3           | Vertical   | 0              | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 284.14M      | 25.63             | 46.00             | -20.37         | -6.08          | 3           | Vertical   | 0              | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 458.74M      | 32.92             | 46.00             | -13.08         | -2.04          | 3           | Vertical   | 0              | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 569.32M      | 40.65             | 46.00             | -5.35          | -0.41          | 3           | Vertical   | 0              | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | QP   | 538.28M      | 35.79             | 46.00             | -10.21         | -0.85          | 3           | Vertical   | 114            | 1.07          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 31.94M       | 30.75             | 40.00             | -9.25          | -3.92          | 3           | Horizontal | 360            | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 138.64M      | 25.53             | 43.50             | -17.97         | -8.69          | 3           | Horizontal | 360            | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 233.7M       | 26.69             | 46.00             | -19.31         | -8.58          | 3           | Horizontal | 360            | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 433.52M      | 33.00             | 46.00             | -13.00         | -2.34          | 3           | Horizontal | 360            | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 472.32M      | 33.64             | 46.00             | -12.36         | -1.68          | 3           | Horizontal | 360            | 1.00          | -        |
| 5775MHz_PoE                       | Pass   | PK   | 538.28M      | 38.19             | 46.00             | -7.81          | -0.85          | 3           | Horizontal | 360            | 1.00          | -        |

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

04/05/2019

## 5775MHz\_PoE

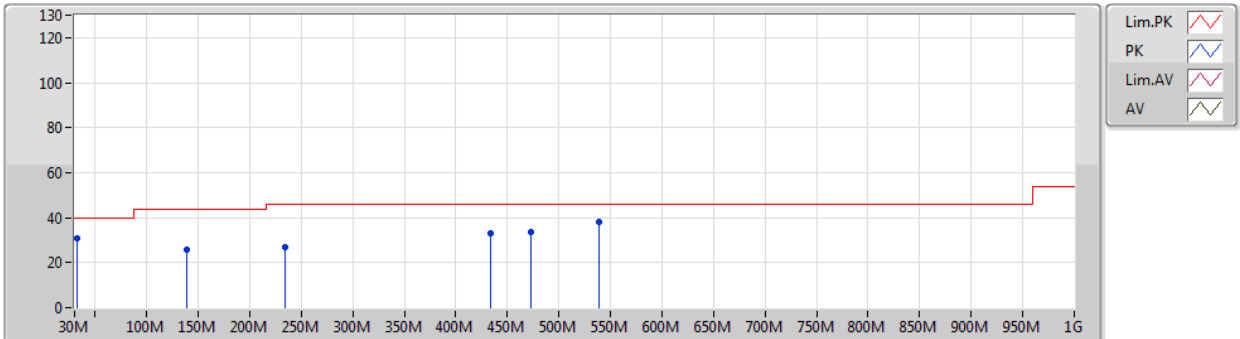


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 39.7M        | 30.91             | 40.00             | -9.09          | -8.06          | 3           | Vertical  | 0              | 1.00          | -       |  |  |  |  |
| PK   | 115.36M      | 25.86             | 43.50             | -17.64         | -8.19          | 3           | Vertical  | 0              | 1.00          | -       |  |  |  |  |
| PK   | 284.14M      | 25.63             | 46.00             | -20.37         | -6.08          | 3           | Vertical  | 0              | 1.00          | -       |  |  |  |  |
| PK   | 458.74M      | 32.92             | 46.00             | -13.08         | -2.04          | 3           | Vertical  | 0              | 1.00          | -       |  |  |  |  |
| PK   | 569.32M      | 40.65             | 46.00             | -5.35          | -0.41          | 3           | Vertical  | 0              | 1.00          | -       |  |  |  |  |
| QP   | 538.28M      | 35.79             | 46.00             | -10.21         | -0.85          | 3           | Vertical  | 114            | 1.07          | -       |  |  |  |  |

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

04/05/2019

## 5775MHz\_PoE



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| PK   | 31.94M       | 30.75             | 40.00             | -9.25          | -3.92          | 3           | Horizontal | 360            | 1.00          | -       |
| PK   | 138.64M      | 25.53             | 43.50             | -17.97         | -8.69          | 3           | Horizontal | 360            | 1.00          | -       |
| PK   | 233.7M       | 26.69             | 46.00             | -19.31         | -8.58          | 3           | Horizontal | 360            | 1.00          | -       |
| PK   | 433.52M      | 33.00             | 46.00             | -13.00         | -2.34          | 3           | Horizontal | 360            | 1.00          | -       |
| PK   | 472.32M      | 33.64             | 46.00             | -12.36         | -1.68          | 3           | Horizontal | 360            | 1.00          | -       |
| PK   | 538.28M      | 38.19             | 46.00             | -7.81          | -0.85          | 3           | Horizontal | 360            | 1.00          | -       |

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.15-5.25GHz                   | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_4TX       | Pass   | PK   | 10.39862G    | 67.68             | 68.20             | -0.52          | 22.94          | 3           | Horizontal | 346            | 2.84          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | Pass   | AV   | 5.1482G      | 53.57             | 54.00             | -0.43          | 9.01           | 3           | Horizontal | 306            | 1.68          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | Pass   | AV   | 5.1476G      | 53.81             | 54.00             | -0.19          | 9.01           | 3           | Horizontal | 131            | 1.74          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | Pass   | AV   | 5.15G        | 53.63             | 54.00             | -0.37          | 9.01           | 3           | Vertical   | 87             | 2.35          | -        |
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_4TX       | Pass   | AV   | 11.56755G    | 53.66             | 54.00             | -0.34          | 19.60          | 3           | Horizontal | 132            | 2.63          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | Pass   | AV   | 11.49372G    | 53.48             | 54.00             | -0.52          | 19.81          | 3           | Horizontal | 294            | 2.00          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | Pass   | PK   | 5.653G       | 69.77             | 70.42             | -0.65          | 9.37           | 3           | Horizontal | 309            | 1.56          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | Pass   | PK   | 5.6478G      | 68.04             | 68.20             | -0.16          | 9.37           | 3           | Horizontal | 316            | 1.84          | -        |

**Result**

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11a_Nss1,(6Mbps)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5180MHz_TX               | Pass   | AV   | 5.1498G      | 53.12             | 54.00             | -0.88          | 7.99           | 3           | Vertical   | 259            | 2.62          | -        |
| 5180MHz_TX               | Pass   | AV   | 5.182G       | 105.49            | Inf               | -Inf           | 7.97           | 3           | Vertical   | 259            | 2.62          | -        |
| 5180MHz_TX               | Pass   | PK   | 5.1498G      | 68.19             | 74.00             | -5.81          | 7.99           | 3           | Vertical   | 259            | 2.62          | -        |
| 5180MHz_TX               | Pass   | PK   | 5.1826G      | 113.61            | Inf               | -Inf           | 7.96           | 3           | Vertical   | 259            | 2.62          | -        |
| 5180MHz_TX               | Pass   | AV   | 5.15G        | 49.50             | 54.00             | -4.50          | 7.99           | 3           | Horizontal | 143            | 1.86          | -        |
| 5180MHz_TX               | Pass   | AV   | 5.184G       | 104.35            | Inf               | -Inf           | 7.97           | 3           | Horizontal | 143            | 1.86          | -        |
| 5180MHz_TX               | Pass   | PK   | 5.1442G      | 67.23             | 74.00             | -6.77          | 7.99           | 3           | Horizontal | 143            | 1.86          | -        |
| 5180MHz_TX               | Pass   | PK   | 5.1844G      | 112.26            | Inf               | -Inf           | 7.97           | 3           | Horizontal | 143            | 1.86          | -        |
| 5180MHz_TX               | Pass   | PK   | 10.3567G     | 62.87             | 68.20             | -5.33          | 22.56          | 3           | Vertical   | 104            | 2.55          | -        |
| 5180MHz_TX               | Pass   | PK   | 10.36174G    | 66.24             | 68.20             | -1.96          | 22.61          | 3           | Horizontal | 329            | 1.38          | -        |
| 5200MHz_TX               | Pass   | AV   | 5.15G        | 52.29             | 54.00             | -1.71          | 7.99           | 3           | Vertical   | 272            | 2.84          | -        |
| 5200MHz_TX               | Pass   | AV   | 5.2028G      | 107.56            | Inf               | -Inf           | 7.94           | 3           | Vertical   | 272            | 2.84          | -        |
| 5200MHz_TX               | Pass   | PK   | 5.1496G      | 65.51             | 74.00             | -8.49          | 7.99           | 3           | Vertical   | 272            | 2.84          | -        |
| 5200MHz_TX               | Pass   | PK   | 5.2028G      | 115.57            | Inf               | -Inf           | 7.94           | 3           | Vertical   | 272            | 2.84          | -        |
| 5200MHz_TX               | Pass   | AV   | 5.146G       | 50.71             | 54.00             | -3.29          | 7.99           | 3           | Horizontal | 136            | 1.84          | -        |
| 5200MHz_TX               | Pass   | AV   | 5.2048G      | 107.36            | Inf               | -Inf           | 7.95           | 3           | Horizontal | 136            | 1.84          | -        |
| 5200MHz_TX               | Pass   | PK   | 5.1452G      | 65.02             | 74.00             | -8.98          | 7.99           | 3           | Horizontal | 136            | 1.84          | -        |
| 5200MHz_TX               | Pass   | PK   | 5.2052G      | 115.05            | Inf               | -Inf           | 7.94           | 3           | Horizontal | 136            | 1.84          | -        |
| 5200MHz_TX               | Pass   | PK   | 10.39796G    | 65.00             | 68.20             | -3.20          | 22.94          | 3           | Vertical   | 0              | 1.67          | -        |
| 5200MHz_TX               | Pass   | PK   | 10.39862G    | 67.68             | 68.20             | -0.52          | 22.94          | 3           | Horizontal | 346            | 2.84          | -        |
| 5240MHz_TX               | Pass   | AV   | 5.1422G      | 47.59             | 54.00             | -6.41          | 8.00           | 3           | Vertical   | 103            | 2.12          | -        |
| 5240MHz_TX               | Pass   | AV   | 5.2436G      | 107.42            | Inf               | -Inf           | 7.87           | 3           | Vertical   | 103            | 2.12          | -        |
| 5240MHz_TX               | Pass   | AV   | 5.3654G      | 45.96             | 54.00             | -8.04          | 7.98           | 3           | Vertical   | 103            | 2.12          | -        |
| 5240MHz_TX               | Pass   | PK   | 5.1014G      | 59.07             | 74.00             | -14.93         | 8.03           | 3           | Vertical   | 103            | 2.12          | -        |
| 5240MHz_TX               | Pass   | PK   | 5.243G       | 115.13            | Inf               | -Inf           | 7.87           | 3           | Vertical   | 103            | 2.12          | -        |
| 5240MHz_TX               | Pass   | PK   | 5.384G       | 56.97             | 74.00             | -17.03         | 8.05           | 3           | Vertical   | 103            | 2.12          | -        |
| 5240MHz_TX               | Pass   | AV   | 5.1452G      | 47.16             | 54.00             | -6.84          | 7.99           | 3           | Horizontal | 141            | 1.76          | -        |
| 5240MHz_TX               | Pass   | AV   | 5.2448G      | 106.40            | Inf               | -Inf           | 7.87           | 3           | Horizontal | 141            | 1.76          | -        |
| 5240MHz_TX               | Pass   | AV   | 5.3594G      | 46.42             | 54.00             | -7.58          | 7.96           | 3           | Horizontal | 141            | 1.76          | -        |
| 5240MHz_TX               | Pass   | PK   | 5.1248G      | 58.26             | 74.00             | -15.74         | 8.00           | 3           | Horizontal | 141            | 1.76          | -        |
| 5240MHz_TX               | Pass   | PK   | 5.2442G      | 114.18            | Inf               | -Inf           | 7.87           | 3           | Horizontal | 141            | 1.76          | -        |
| 5240MHz_TX               | Pass   | PK   | 5.3678G      | 57.64             | 74.00             | -16.36         | 7.99           | 3           | Horizontal | 141            | 1.76          | -        |
| 5240MHz_TX               | Pass   | PK   | 10.47892G    | 66.00             | 68.20             | -2.20          | 23.67          | 3           | Vertical   | 177            | 2.53          | -        |
| 5240MHz_TX               | Pass   | PK   | 10.47868G    | 67.62             | 68.20             | -0.58          | 23.67          | 3           | Horizontal | 337            | 2.97          | -        |
| 5745MHz_TX               | Pass   | AV   | 5.7498G      | 110.18            | Inf               | -Inf           | 8.78           | 3           | Vertical   | 100            | 2.14          | -        |
| 5745MHz_TX               | Pass   | PK   | 5.631G       | 59.35             | 68.20             | -8.85          | 8.53           | 3           | Vertical   | 100            | 2.14          | -        |
| 5745MHz_TX               | Pass   | PK   | 5.7498G      | 118.19            | Inf               | -Inf           | 8.78           | 3           | Vertical   | 100            | 2.14          | -        |
| 5745MHz_TX               | Pass   | PK   | 5.9838G      | 57.92             | 68.20             | -10.28         | 9.31           | 3           | Vertical   | 100            | 2.14          | -        |
| 5745MHz_TX               | Pass   | AV   | 5.7462G      | 109.38            | Inf               | -Inf           | 8.77           | 3           | Horizontal | 358            | 2.03          | -        |
| 5745MHz_TX               | Pass   | PK   | 5.6454G      | 58.59             | 68.20             | -9.61          | 8.57           | 3           | Horizontal | 358            | 2.03          | -        |
| 5745MHz_TX               | Pass   | PK   | 5.7438G      | 117.02            | Inf               | -Inf           | 8.76           | 3           | Horizontal | 358            | 2.03          | -        |
| 5745MHz_TX               | Pass   | PK   | 5.9778G      | 57.86             | 68.20             | -10.34         | 9.32           | 3           | Horizontal | 358            | 2.03          | -        |
| 5745MHz_TX               | Pass   | AV   | 11.48682G    | 48.93             | 54.00             | -5.07          | 19.65          | 3           | Vertical   | 84             | 1.00          | -        |
| 5745MHz_TX               | Pass   | PK   | 11.4879G     | 60.84             | 74.00             | -13.16         | 19.65          | 3           | Vertical   | 84             | 1.00          | -        |
| 5745MHz_TX               | Pass   | AV   | 11.48586G    | 53.33             | 54.00             | -0.67          | 19.65          | 3           | Horizontal | 55             | 2.34          | -        |
| 5745MHz_TX               | Pass   | PK   | 11.48556G    | 66.58             | 74.00             | -7.42          | 19.65          | 3           | Horizontal | 55             | 2.34          | -        |
| 5785MHz_TX               | Pass   | AV   | 5.7898G      | 109.69            | Inf               | -Inf           | 8.88           | 3           | Vertical   | 97             | 2.16          | -        |

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5785MHz_TX                     | Pass   | PK   | 5.5078G      | 58.64             | 68.20             | -9.56          | 8.60           | 3           | Vertical   | 97             | 2.16          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.7898G      | 117.99            | Inf               | -Inf           | 8.88           | 3           | Vertical   | 97             | 2.16          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.9626G      | 58.75             | 68.20             | -9.45          | 9.28           | 3           | Vertical   | 97             | 2.16          | -        |
| 5785MHz_TX                     | Pass   | AV   | 5.7862G      | 110.18            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 358            | 2.27          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.641G       | 57.23             | 68.20             | -10.97         | 8.55           | 3           | Horizontal | 358            | 2.27          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.7874G      | 117.68            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 358            | 2.27          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.9854G      | 58.56             | 68.20             | -9.64          | 9.33           | 3           | Horizontal | 358            | 2.27          | -        |
| 5785MHz_TX                     | Pass   | AV   | 11.5646G     | 47.90             | 54.00             | -6.10          | 19.60          | 3           | Vertical   | 338            | 1.50          | -        |
| 5785MHz_TX                     | Pass   | PK   | 11.56568G    | 60.57             | 74.00             | -13.43         | 19.60          | 3           | Vertical   | 338            | 1.50          | -        |
| 5785MHz_TX                     | Pass   | AV   | 11.56755G    | 53.66             | 54.00             | -0.34          | 19.60          | 3           | Horizontal | 132            | 2.63          | -        |
| 5785MHz_TX                     | Pass   | PK   | 11.56652G    | 65.99             | 74.00             | -8.01          | 19.60          | 3           | Horizontal | 132            | 2.63          | -        |
| 5825MHz_TX                     | Pass   | AV   | 5.8298G      | 109.03            | Inf               | -Inf           | 8.99           | 3           | Vertical   | 92             | 2.23          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.6402G      | 57.79             | 68.20             | -10.41         | 8.55           | 3           | Vertical   | 92             | 2.23          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.831G       | 117.28            | Inf               | -Inf           | 8.99           | 3           | Vertical   | 92             | 2.23          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.9282G      | 59.30             | 68.20             | -8.90          | 9.23           | 3           | Vertical   | 92             | 2.23          | -        |
| 5825MHz_TX                     | Pass   | AV   | 5.8238G      | 108.63            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 138            | 1.50          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.6318G      | 57.50             | 68.20             | -10.70         | 8.53           | 3           | Horizontal | 138            | 1.50          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.8238G      | 117.12            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 138            | 1.50          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.9258G      | 58.41             | 68.20             | -9.79          | 9.23           | 3           | Horizontal | 138            | 1.50          | -        |
| 5825MHz_TX                     | Pass   | AV   | 11.64568G    | 48.74             | 54.00             | -5.26          | 19.58          | 3           | Vertical   | 52             | 1.01          | -        |
| 5825MHz_TX                     | Pass   | PK   | 11.65612G    | 61.19             | 74.00             | -12.81         | 19.59          | 3           | Vertical   | 52             | 1.01          | -        |
| 5825MHz_TX                     | Pass   | AV   | 11.64742G    | 53.25             | 54.00             | -0.75          | 19.59          | 3           | Horizontal | 125            | 2.27          | -        |
| 5825MHz_TX                     | Pass   | PK   | 11.64742G    | 65.71             | 74.00             | -8.29          | 19.59          | 3           | Horizontal | 125            | 2.27          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5180MHz_TX                     | Pass   | AV   | 5.1456G      | 51.61             | 54.00             | -2.39          | 9.02           | 3           | Vertical   | 98             | 2.23          | -        |
| 5180MHz_TX                     | Pass   | AV   | 5.1806G      | 106.61            | Inf               | -Inf           | 8.99           | 3           | Vertical   | 98             | 2.23          | -        |
| 5180MHz_TX                     | Pass   | PK   | 5.1458G      | 66.09             | 74.00             | -7.91          | 9.02           | 3           | Vertical   | 98             | 2.23          | -        |
| 5180MHz_TX                     | Pass   | PK   | 5.1808G      | 114.63            | Inf               | -Inf           | 8.99           | 3           | Vertical   | 98             | 2.23          | -        |
| 5180MHz_TX                     | Pass   | AV   | 5.1482G      | 53.57             | 54.00             | -0.43          | 9.01           | 3           | Horizontal | 306            | 1.68          | -        |
| 5180MHz_TX                     | Pass   | AV   | 5.178G       | 106.83            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 306            | 1.68          | -        |
| 5180MHz_TX                     | Pass   | PK   | 5.1482G      | 68.69             | 74.00             | -5.31          | 9.01           | 3           | Horizontal | 306            | 1.68          | -        |
| 5180MHz_TX                     | Pass   | PK   | 5.1782G      | 114.97            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 306            | 1.68          | -        |
| 5180MHz_TX                     | Pass   | PK   | 10.36246G    | 62.90             | 68.20             | -5.30          | 19.14          | 3           | Vertical   | 65             | 1.58          | -        |
| 5180MHz_TX                     | Pass   | PK   | 10.3603G     | 63.98             | 68.20             | -4.22          | 19.14          | 3           | Horizontal | 318            | 1.04          | -        |
| 5200MHz_TX                     | Pass   | AV   | 5.15G        | 52.56             | 54.00             | -1.44          | 9.01           | 3           | Vertical   | 86             | 2.42          | -        |
| 5200MHz_TX                     | Pass   | AV   | 5.2008G      | 109.15            | Inf               | -Inf           | 8.97           | 3           | Vertical   | 86             | 2.42          | -        |
| 5200MHz_TX                     | Pass   | PK   | 5.146G       | 65.99             | 74.00             | -8.01          | 9.02           | 3           | Vertical   | 86             | 2.42          | -        |
| 5200MHz_TX                     | Pass   | PK   | 5.2008G      | 116.30            | Inf               | -Inf           | 8.97           | 3           | Vertical   | 86             | 2.42          | -        |
| 5200MHz_TX                     | Pass   | AV   | 5.1484G      | 52.49             | 54.00             | -1.51          | 9.01           | 3           | Horizontal | 305            | 1.78          | -        |
| 5200MHz_TX                     | Pass   | AV   | 5.198G       | 109.25            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 305            | 1.78          | -        |
| 5200MHz_TX                     | Pass   | PK   | 5.148G       | 65.68             | 74.00             | -8.32          | 9.01           | 3           | Horizontal | 305            | 1.78          | -        |
| 5200MHz_TX                     | Pass   | PK   | 5.198G       | 117.27            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 305            | 1.78          | -        |
| 5200MHz_TX                     | Pass   | PK   | 10.39718G    | 61.33             | 68.20             | -6.87          | 19.20          | 3           | Vertical   | 62             | 1.64          | -        |
| 5200MHz_TX                     | Pass   | PK   | 10.3949G     | 66.79             | 68.20             | -1.41          | 19.19          | 3           | Horizontal | 338            | 1.71          | -        |
| 5240MHz_TX                     | Pass   | AV   | 5.1482G      | 48.25             | 54.00             | -5.75          | 9.01           | 3           | Vertical   | 95             | 2.44          | -        |
| 5240MHz_TX                     | Pass   | AV   | 5.2412G      | 110.38            | Inf               | -Inf           | 8.87           | 3           | Vertical   | 95             | 2.44          | -        |
| 5240MHz_TX                     | Pass   | AV   | 5.3588G      | 46.64             | 54.00             | -7.36          | 8.90           | 3           | Vertical   | 95             | 2.44          | -        |
| 5240MHz_TX                     | Pass   | PK   | 5.15G        | 59.31             | 74.00             | -14.69         | 9.01           | 3           | Vertical   | 95             | 2.44          | -        |
| 5240MHz_TX                     | Pass   | PK   | 5.2406G      | 117.63            | Inf               | -Inf           | 8.87           | 3           | Vertical   | 95             | 2.44          | -        |

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5240MHz_TX                     | Pass   | PK   | 5.3696G      | 56.81             | 74.00             | -17.19         | 8.93           | 3           | Vertical   | 95             | 2.44          | -        |
| 5240MHz_TX                     | Pass   | AV   | 5.147G       | 47.89             | 54.00             | -6.11          | 9.02           | 3           | Horizontal | 134            | 1.41          | -        |
| 5240MHz_TX                     | Pass   | AV   | 5.2382G      | 110.34            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 134            | 1.41          | -        |
| 5240MHz_TX                     | Pass   | AV   | 5.3582G      | 46.94             | 54.00             | -7.06          | 8.90           | 3           | Horizontal | 134            | 1.41          | -        |
| 5240MHz_TX                     | Pass   | PK   | 5.1458G      | 57.98             | 74.00             | -16.02         | 9.02           | 3           | Horizontal | 134            | 1.41          | -        |
| 5240MHz_TX                     | Pass   | PK   | 5.2382G      | 117.65            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 134            | 1.41          | -        |
| 5240MHz_TX                     | Pass   | PK   | 5.3762G      | 56.75             | 74.00             | -17.25         | 8.95           | 3           | Horizontal | 134            | 1.41          | -        |
| 5240MHz_TX                     | Pass   | PK   | 10.4776G     | 63.90             | 68.20             | -4.30          | 19.33          | 3           | Vertical   | 66             | 1.14          | -        |
| 5240MHz_TX                     | Pass   | PK   | 10.48485G    | 67.48             | 68.20             | -0.72          | 19.34          | 3           | Horizontal | 323            | 1.20          | -        |
| 5745MHz_TX                     | Pass   | AV   | 5.7426G      | 109.95            | Inf               | -Inf           | 9.52           | 3           | Vertical   | 90             | 2.10          | -        |
| 5745MHz_TX                     | Pass   | PK   | 5.6502G      | 60.07             | 68.35             | -8.28          | 9.37           | 3           | Vertical   | 90             | 2.10          | -        |
| 5745MHz_TX                     | Pass   | PK   | 5.7426G      | 117.36            | Inf               | -Inf           | 9.52           | 3           | Vertical   | 90             | 2.10          | -        |
| 5745MHz_TX                     | Pass   | PK   | 5.9262G      | 57.10             | 68.20             | -11.10         | 10.00          | 3           | Vertical   | 90             | 2.10          | -        |
| 5745MHz_TX                     | Pass   | AV   | 5.7438G      | 110.64            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 323            | 1.77          | -        |
| 5745MHz_TX                     | Pass   | PK   | 5.6166G      | 58.82             | 68.20             | -9.38          | 9.34           | 3           | Horizontal | 323            | 1.77          | -        |
| 5745MHz_TX                     | Pass   | PK   | 5.7438G      | 118.43            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 323            | 1.77          | -        |
| 5745MHz_TX                     | Pass   | PK   | 5.9874G      | 56.86             | 68.20             | -11.34         | 10.10          | 3           | Horizontal | 323            | 1.77          | -        |
| 5745MHz_TX                     | Pass   | AV   | 11.4846G     | 52.95             | 54.00             | -1.05          | 19.81          | 3           | Vertical   | 95             | 1.00          | -        |
| 5745MHz_TX                     | Pass   | PK   | 11.48424G    | 63.87             | 74.00             | -10.13         | 19.81          | 3           | Vertical   | 95             | 1.00          | -        |
| 5745MHz_TX                     | Pass   | AV   | 11.49372G    | 53.48             | 54.00             | -0.52          | 19.81          | 3           | Horizontal | 294            | 2.00          | -        |
| 5745MHz_TX                     | Pass   | PK   | 11.48892G    | 64.79             | 74.00             | -9.21          | 19.81          | 3           | Horizontal | 294            | 2.00          | -        |
| 5785MHz_TX                     | Pass   | AV   | 5.7826G      | 108.05            | Inf               | -Inf           | 9.60           | 3           | Vertical   | 101            | 2.02          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.6398G      | 58.23             | 68.20             | -9.97          | 9.36           | 3           | Vertical   | 101            | 2.02          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.7826G      | 115.64            | Inf               | -Inf           | 9.60           | 3           | Vertical   | 101            | 2.02          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.965G       | 57.45             | 68.20             | -10.75         | 10.06          | 3           | Vertical   | 101            | 2.02          | -        |
| 5785MHz_TX                     | Pass   | AV   | 5.7838G      | 108.83            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 322            | 1.63          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.6314G      | 58.32             | 68.20             | -9.88          | 9.35           | 3           | Horizontal | 322            | 1.63          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.7838G      | 116.06            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 322            | 1.63          | -        |
| 5785MHz_TX                     | Pass   | PK   | 5.9434G      | 57.02             | 68.20             | -11.18         | 10.02          | 3           | Horizontal | 322            | 1.63          | -        |
| 5785MHz_TX                     | Pass   | AV   | 11.57438G    | 48.84             | 54.00             | -5.16          | 19.74          | 3           | Vertical   | 54             | 1.85          | -        |
| 5785MHz_TX                     | Pass   | PK   | 11.56856G    | 60.50             | 74.00             | -13.50         | 19.75          | 3           | Vertical   | 54             | 1.85          | -        |
| 5785MHz_TX                     | Pass   | AV   | 11.56934G    | 53.38             | 54.00             | -0.62          | 19.75          | 3           | Horizontal | 308            | 2.33          | -        |
| 5785MHz_TX                     | Pass   | PK   | 11.56934G    | 66.07             | 74.00             | -7.93          | 19.75          | 3           | Horizontal | 308            | 2.33          | -        |
| 5825MHz_TX                     | Pass   | AV   | 5.8238G      | 104.83            | Inf               | -Inf           | 9.71           | 3           | Vertical   | 310            | 2.11          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.6354G      | 56.98             | 68.20             | -11.22         | 9.36           | 3           | Vertical   | 310            | 2.11          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.8226G      | 112.54            | Inf               | -Inf           | 9.70           | 3           | Vertical   | 310            | 2.11          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.9462G      | 57.20             | 68.20             | -11.00         | 10.04          | 3           | Vertical   | 310            | 2.11          | -        |
| 5825MHz_TX                     | Pass   | AV   | 5.8262G      | 107.20            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 170            | 1.42          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.6282G      | 57.22             | 68.20             | -10.98         | 9.34           | 3           | Horizontal | 170            | 1.42          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.8262G      | 114.50            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 170            | 1.42          | -        |
| 5825MHz_TX                     | Pass   | PK   | 5.9558G      | 58.50             | 68.20             | -9.70          | 10.05          | 3           | Horizontal | 170            | 1.42          | -        |
| 5825MHz_TX                     | Pass   | AV   | 11.6503G     | 48.36             | 54.00             | -5.64          | 19.68          | 3           | Vertical   | 57             | 1.86          | -        |
| 5825MHz_TX                     | Pass   | PK   | 11.6491G     | 59.76             | 74.00             | -14.24         | 19.69          | 3           | Vertical   | 57             | 1.86          | -        |
| 5825MHz_TX                     | Pass   | AV   | 11.64916G    | 53.02             | 54.00             | -0.98          | 19.69          | 3           | Horizontal | 46             | 1.98          | -        |
| 5825MHz_TX                     | Pass   | PK   | 11.65396G    | 66.22             | 74.00             | -7.78          | 19.68          | 3           | Horizontal | 46             | 1.98          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5190MHz_TX                     | Pass   | AV   | 5.146G       | 53.66             | 54.00             | -0.34          | 9.02           | 3           | Vertical   | 85             | 2.27          | -        |
| 5190MHz_TX                     | Pass   | AV   | 5.1908G      | 101.41            | Inf               | -Inf           | 8.98           | 3           | Vertical   | 85             | 2.27          | -        |
| 5190MHz_TX                     | Pass   | PK   | 5.1476G      | 66.83             | 74.00             | -7.17          | 9.01           | 3           | Vertical   | 85             | 2.27          | -        |



## RSE TX above 1GHz Result\_Non-Beamforming

## Appendix E.3

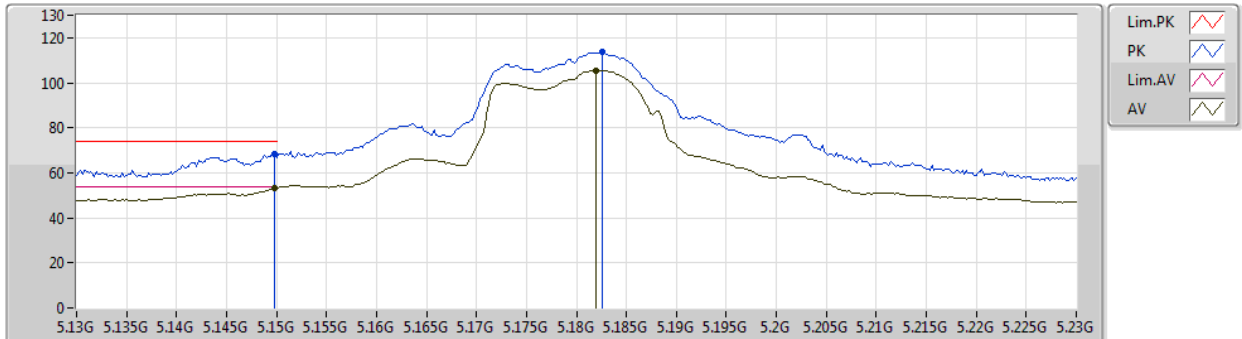
| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5190MHz_TX                     | Pass   | PK   | 5.1856G      | 108.82            | Inf               | -Inf           | 8.99           | 3           | Vertical   | 85             | 2.27          | -        |
| 5190MHz_TX                     | Pass   | AV   | 5.148G       | 53.38             | 54.00             | -0.62          | 9.01           | 3           | Horizontal | 137            | 1.72          | -        |
| 5190MHz_TX                     | Pass   | AV   | 5.188G       | 101.73            | Inf               | -Inf           | 8.98           | 3           | Horizontal | 137            | 1.72          | -        |
| 5190MHz_TX                     | Pass   | PK   | 5.1428G      | 66.31             | 74.00             | -7.69          | 9.01           | 3           | Horizontal | 137            | 1.72          | -        |
| 5190MHz_TX                     | Pass   | PK   | 5.188G       | 109.92            | Inf               | -Inf           | 8.98           | 3           | Horizontal | 137            | 1.72          | -        |
| 5190MHz_TX                     | Pass   | PK   | 10.37964G    | 57.30             | 68.20             | -10.90         | 19.16          | 3           | Vertical   | 62             | 2.69          | -        |
| 5190MHz_TX                     | Pass   | PK   | 10.3809G     | 60.31             | 68.20             | -7.89          | 19.17          | 3           | Horizontal | 158            | 1.47          | -        |
| 5230MHz_TX                     | Pass   | AV   | 5.146G       | 52.32             | 54.00             | -1.68          | 9.02           | 3           | Vertical   | 101            | 2.24          | -        |
| 5230MHz_TX                     | Pass   | AV   | 5.2308G      | 105.15            | Inf               | -Inf           | 8.90           | 3           | Vertical   | 101            | 2.24          | -        |
| 5230MHz_TX                     | Pass   | PK   | 5.1456G      | 65.63             | 74.00             | -8.37          | 9.02           | 3           | Vertical   | 101            | 2.24          | -        |
| 5230MHz_TX                     | Pass   | PK   | 5.2356G      | 111.99            | Inf               | -Inf           | 8.88           | 3           | Vertical   | 101            | 2.24          | -        |
| 5230MHz_TX                     | Pass   | AV   | 5.1476G      | 53.81             | 54.00             | -0.19          | 9.01           | 3           | Horizontal | 131            | 1.74          | -        |
| 5230MHz_TX                     | Pass   | AV   | 5.2328G      | 105.32            | Inf               | -Inf           | 8.89           | 3           | Horizontal | 131            | 1.74          | -        |
| 5230MHz_TX                     | Pass   | PK   | 5.148G       | 65.68             | 74.00             | -8.32          | 9.01           | 3           | Horizontal | 131            | 1.74          | -        |
| 5230MHz_TX                     | Pass   | PK   | 5.2332G      | 113.46            | Inf               | -Inf           | 8.89           | 3           | Horizontal | 131            | 1.74          | -        |
| 5230MHz_TX                     | Pass   | PK   | 10.45988G    | 58.58             | 68.20             | -9.62          | 19.30          | 3           | Vertical   | 360            | 1.83          | -        |
| 5230MHz_TX                     | Pass   | PK   | 10.46012G    | 62.20             | 68.20             | -6.00          | 19.30          | 3           | Horizontal | 332            | 2.93          | -        |
| 5755MHz_TX                     | Pass   | AV   | 5.7526G      | 107.39            | Inf               | -Inf           | 9.54           | 3           | Vertical   | 98             | 2.09          | -        |
| 5755MHz_TX                     | Pass   | PK   | 5.6506G      | 65.77             | 68.64             | -2.87          | 9.37           | 3           | Vertical   | 98             | 2.09          | -        |
| 5755MHz_TX                     | Pass   | PK   | 5.7526G      | 115.49            | Inf               | -Inf           | 9.54           | 3           | Vertical   | 98             | 2.09          | -        |
| 5755MHz_TX                     | Pass   | PK   | 5.9314G      | 58.59             | 68.20             | -9.61          | 10.00          | 3           | Vertical   | 98             | 2.09          | -        |
| 5755MHz_TX                     | Pass   | AV   | 5.7538G      | 107.37            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 309            | 1.56          | -        |
| 5755MHz_TX                     | Pass   | PK   | 5.653G       | 69.77             | 70.42             | -0.65          | 9.37           | 3           | Horizontal | 309            | 1.56          | -        |
| 5755MHz_TX                     | Pass   | PK   | 5.7538G      | 115.38            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 309            | 1.56          | -        |
| 5755MHz_TX                     | Pass   | PK   | 5.929G       | 58.70             | 68.20             | -9.50          | 10.00          | 3           | Horizontal | 309            | 1.56          | -        |
| 5755MHz_TX                     | Pass   | AV   | 11.50976G    | 52.16             | 54.00             | -1.84          | 19.80          | 3           | Vertical   | 92             | 1.01          | -        |
| 5755MHz_TX                     | Pass   | PK   | 11.50988G    | 61.78             | 74.00             | -12.22         | 19.80          | 3           | Vertical   | 92             | 1.01          | -        |
| 5755MHz_TX                     | Pass   | AV   | 11.51G       | 51.22             | 54.00             | -2.78          | 19.79          | 3           | Horizontal | 315            | 1.50          | -        |
| 5755MHz_TX                     | Pass   | PK   | 11.50424G    | 61.06             | 74.00             | -12.94         | 19.79          | 3           | Horizontal | 315            | 1.50          | -        |
| 5795MHz_TX                     | Pass   | AV   | 5.7938G      | 106.56            | Inf               | -Inf           | 9.62           | 3           | Vertical   | 108            | 1.98          | -        |
| 5795MHz_TX                     | Pass   | PK   | 5.6498G      | 58.39             | 68.20             | -9.81          | 9.37           | 3           | Vertical   | 108            | 1.98          | -        |
| 5795MHz_TX                     | Pass   | PK   | 5.7926G      | 114.10            | Inf               | -Inf           | 9.62           | 3           | Vertical   | 108            | 1.98          | -        |
| 5795MHz_TX                     | Pass   | PK   | 5.927G       | 60.71             | 68.20             | -7.49          | 10.00          | 3           | Vertical   | 108            | 1.98          | -        |
| 5795MHz_TX                     | Pass   | AV   | 5.7938G      | 106.99            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 309            | 1.72          | -        |
| 5795MHz_TX                     | Pass   | PK   | 5.6474G      | 60.85             | 68.20             | -7.35          | 9.37           | 3           | Horizontal | 309            | 1.72          | -        |
| 5795MHz_TX                     | Pass   | PK   | 5.7926G      | 114.73            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 309            | 1.72          | -        |
| 5795MHz_TX                     | Pass   | PK   | 5.9234G      | 59.96             | 69.38             | -9.42          | 9.98           | 3           | Horizontal | 309            | 1.72          | -        |
| 5795MHz_TX                     | Pass   | AV   | 11.58916G    | 48.94             | 54.00             | -5.06          | 19.60          | 3           | Vertical   | 283            | 1.64          | -        |
| 5795MHz_TX                     | Pass   | PK   | 11.58934G    | 60.48             | 74.00             | -13.52         | 19.60          | 3           | Vertical   | 283            | 1.64          | -        |
| 5795MHz_TX                     | Pass   | AV   | 11.58916G    | 53.29             | 54.00             | -0.71          | 19.60          | 3           | Horizontal | 295            | 2.27          | -        |
| 5795MHz_TX                     | Pass   | PK   | 11.59384G    | 63.81             | 74.00             | -10.19         | 19.59          | 3           | Horizontal | 295            | 2.27          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5210MHz_TX                     | Pass   | AV   | 5.15G        | 53.63             | 54.00             | -0.37          | 9.01           | 3           | Vertical   | 87             | 2.35          | -        |
| 5210MHz_TX                     | Pass   | AV   | 5.211G       | 96.79             | Inf               | -Inf           | 8.95           | 3           | Vertical   | 87             | 2.35          | -        |
| 5210MHz_TX                     | Pass   | AV   | 5.371G       | 46.98             | 54.00             | -7.02          | 8.93           | 3           | Vertical   | 87             | 2.35          | -        |
| 5210MHz_TX                     | Pass   | PK   | 5.15G        | 63.26             | 74.00             | -10.74         | 9.01           | 3           | Vertical   | 87             | 2.35          | -        |
| 5210MHz_TX                     | Pass   | PK   | 5.201G       | 104.10            | Inf               | -Inf           | 8.97           | 3           | Vertical   | 87             | 2.35          | -        |
| 5210MHz_TX                     | Pass   | PK   | 5.42G        | 56.29             | 74.00             | -17.71         | 9.11           | 3           | Vertical   | 87             | 2.35          | -        |
| 5210MHz_TX                     | Pass   | AV   | 5.147G       | 53.43             | 54.00             | -0.57          | 9.02           | 3           | Horizontal | 128            | 1.78          | -        |

| Mode       | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5210MHz_TX | Pass   | AV   | 5.208G       | 96.71             | Inf               | -Inf           | 8.95           | 3           | Horizontal | 128            | 1.78          | -        |
| 5210MHz_TX | Pass   | AV   | 5.392G       | 47.51             | 54.00             | -6.49          | 8.99           | 3           | Horizontal | 128            | 1.78          | -        |
| 5210MHz_TX | Pass   | PK   | 5.148G       | 62.62             | 74.00             | -11.38         | 9.01           | 3           | Horizontal | 128            | 1.78          | -        |
| 5210MHz_TX | Pass   | PK   | 5.203G       | 103.32            | Inf               | -Inf           | 8.96           | 3           | Horizontal | 128            | 1.78          | -        |
| 5210MHz_TX | Pass   | PK   | 5.408G       | 56.05             | 74.00             | -17.95         | 9.05           | 3           | Horizontal | 128            | 1.78          | -        |
| 5210MHz_TX | Pass   | PK   | 10.40794G    | 56.38             | 68.20             | -11.82         | 19.22          | 3           | Vertical   | 101            | 1.44          | -        |
| 5210MHz_TX | Pass   | PK   | 10.432G      | 57.12             | 68.20             | -11.08         | 19.25          | 3           | Horizontal | 157            | 1.50          | -        |
| 5775MHz_TX | Pass   | AV   | 5.7726G      | 102.64            | Inf               | -Inf           | 9.58           | 3           | Vertical   | 99             | 2.01          | -        |
| 5775MHz_TX | Pass   | PK   | 5.6478G      | 65.89             | 68.20             | -2.31          | 9.37           | 3           | Vertical   | 99             | 2.01          | -        |
| 5775MHz_TX | Pass   | PK   | 5.7678G      | 109.08            | Inf               | -Inf           | 9.57           | 3           | Vertical   | 99             | 2.01          | -        |
| 5775MHz_TX | Pass   | PK   | 5.9286G      | 60.72             | 68.20             | -7.48          | 10.00          | 3           | Vertical   | 99             | 2.01          | -        |
| 5775MHz_TX | Pass   | AV   | 5.7738G      | 102.97            | Inf               | -Inf           | 9.58           | 3           | Horizontal | 316            | 1.84          | -        |
| 5775MHz_TX | Pass   | PK   | 5.6478G      | 68.04             | 68.20             | -0.16          | 9.37           | 3           | Horizontal | 316            | 1.84          | -        |
| 5775MHz_TX | Pass   | PK   | 5.7738G      | 109.64            | Inf               | -Inf           | 9.58           | 3           | Horizontal | 316            | 1.84          | -        |
| 5775MHz_TX | Pass   | PK   | 5.9286G      | 61.37             | 68.20             | -6.83          | 10.00          | 3           | Horizontal | 316            | 1.84          | -        |
| 5775MHz_TX | Pass   | AV   | 11.56002G    | 47.27             | 54.00             | -6.73          | 19.76          | 3           | Vertical   | 209            | 1.01          | -        |
| 5775MHz_TX | Pass   | PK   | 11.55642G    | 56.63             | 74.00             | -17.37         | 19.76          | 3           | Vertical   | 209            | 1.01          | -        |
| 5775MHz_TX | Pass   | AV   | 11.56428G    | 47.64             | 54.00             | -6.36          | 19.75          | 3           | Horizontal | 321            | 1.50          | -        |
| 5775MHz_TX | Pass   | PK   | 11.53542G    | 56.66             | 74.00             | -17.34         | 19.77          | 3           | Horizontal | 321            | 1.50          | -        |

# 802.11a\_Nss1,(6Mbps)\_4TX

## 5180MHz\_TX

02/05/2019

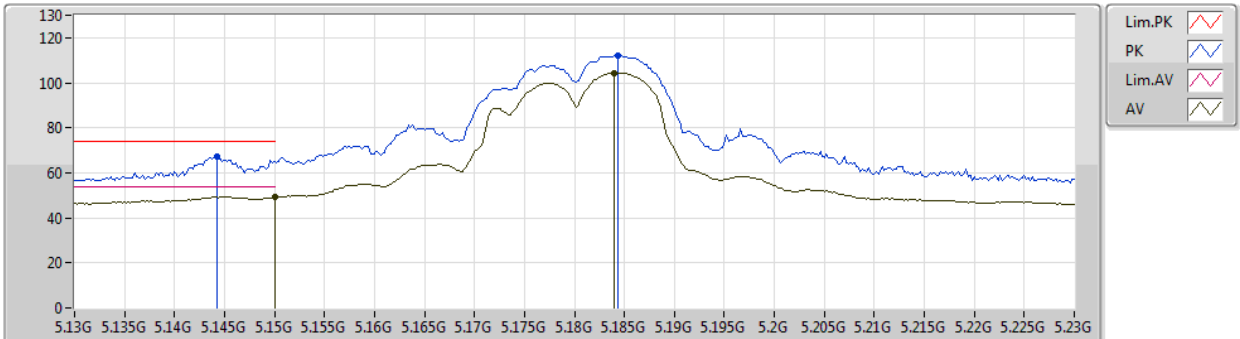


| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |  |  |  |  |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--|--|--|--|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |  |  |  |  |
| AV   | 5.1498G | 53.12    | 54.00    | -0.88  | 7.99   | 3    | Vertical  | 259     | 2.62   | -       |  |  |  |  |
| AV   | 5.182G  | 105.49   | Inf      | -Inf   | 7.97   | 3    | Vertical  | 259     | 2.62   | -       |  |  |  |  |
| PK   | 5.1498G | 68.19    | 74.00    | -5.81  | 7.99   | 3    | Vertical  | 259     | 2.62   | -       |  |  |  |  |
| PK   | 5.1826G | 113.61   | Inf      | -Inf   | 7.96   | 3    | Vertical  | 259     | 2.62   | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5180MHz\_TX

02/05/2019

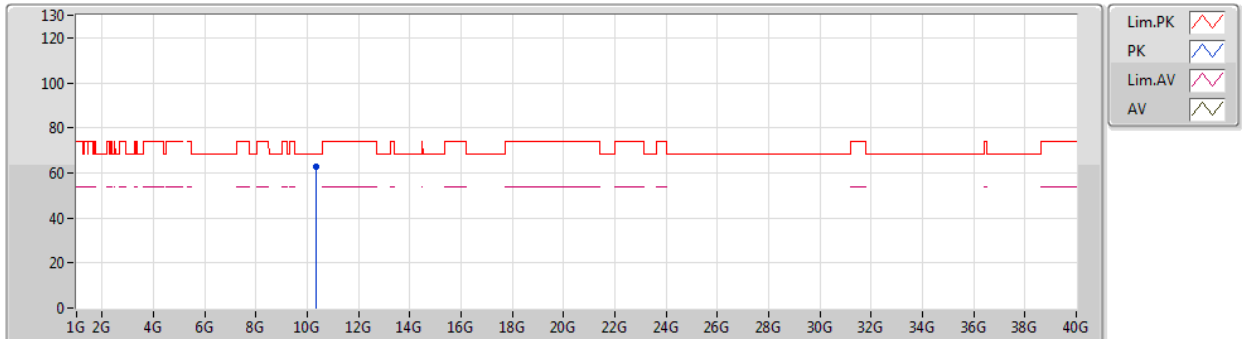


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.15G        | 49.50             | 54.00             | -4.50          | 7.99           | 3           | Horizontal | 143            | 1.86          | -       |  |  |  |  |
| AV   | 5.184G       | 104.35            | Inf               | -Inf           | 7.97           | 3           | Horizontal | 143            | 1.86          | -       |  |  |  |  |
| PK   | 5.1442G      | 67.23             | 74.00             | -6.77          | 7.99           | 3           | Horizontal | 143            | 1.86          | -       |  |  |  |  |
| PK   | 5.1844G      | 112.26            | Inf               | -Inf           | 7.97           | 3           | Horizontal | 143            | 1.86          | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5180MHz\_TX

02/05/2019

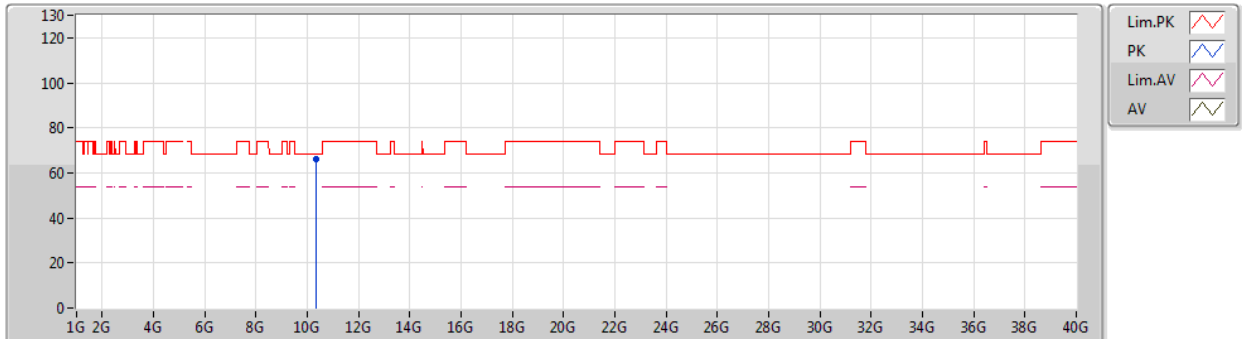


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.3567G     | 62.87             | 68.20             | -5.33          | 22.56          | 3           | Vertical  | 104            | 2.55          | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5180MHz\_TX

02/05/2019

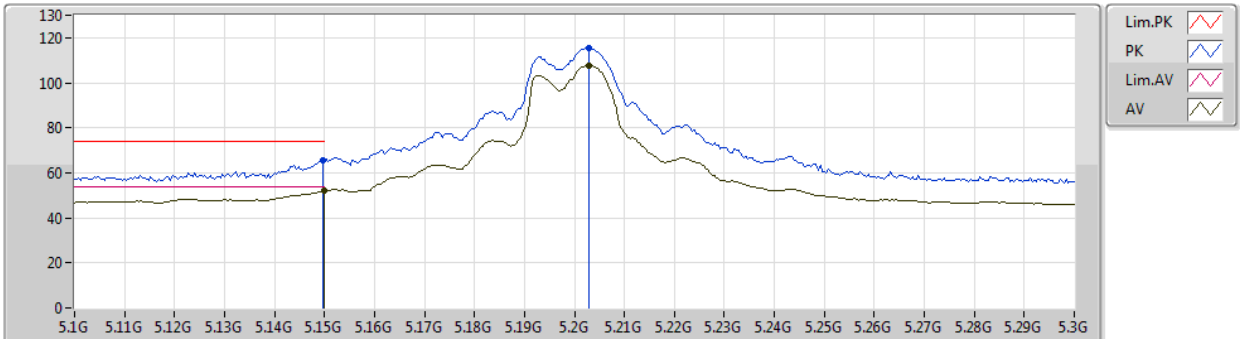


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         |  |  |  |  |
| PK   | 10.36174G | 66.24    | 68.20    | -1.96  | 22.61  | 3    | Horizontal | 329     | 1.38   | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5200MHz\_TX

02/05/2019

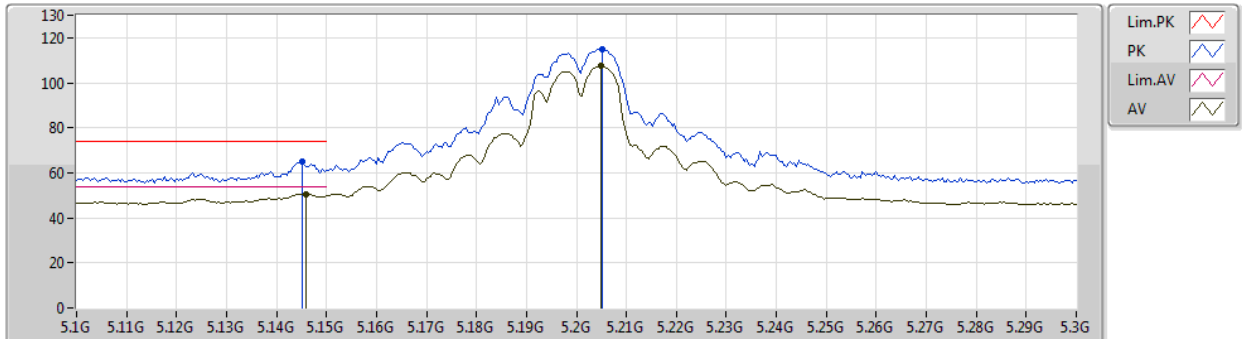


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.15G        | 52.29             | 54.00             | -1.71          | 7.99           | 3           | Vertical  | 272            | 2.84          | -       |
| AV   | 5.2028G      | 107.56            | Inf               | -Inf           | 7.94           | 3           | Vertical  | 272            | 2.84          | -       |
| PK   | 5.1496G      | 65.51             | 74.00             | -8.49          | 7.99           | 3           | Vertical  | 272            | 2.84          | -       |
| PK   | 5.2028G      | 115.57            | Inf               | -Inf           | 7.94           | 3           | Vertical  | 272            | 2.84          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5200MHz\_TX

02/05/2019

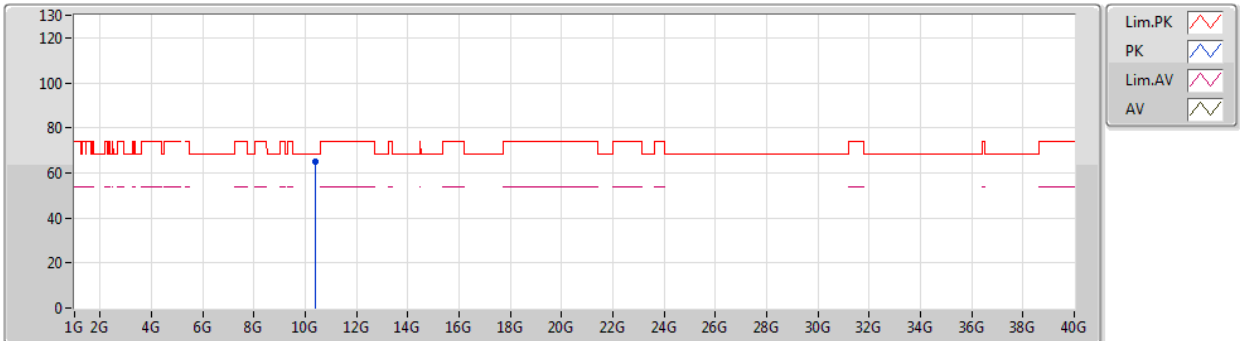


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.146G       | 50.71             | 54.00             | -3.29          | 7.99           | 3           | Horizontal | 136            | 1.84          | -       |
| AV   | 5.2048G      | 107.36            | Inf               | -Inf           | 7.95           | 3           | Horizontal | 136            | 1.84          | -       |
| PK   | 5.1452G      | 65.02             | 74.00             | -8.98          | 7.99           | 3           | Horizontal | 136            | 1.84          | -       |
| PK   | 5.2052G      | 115.05            | Inf               | -Inf           | 7.94           | 3           | Horizontal | 136            | 1.84          | -       |

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5200MHz\_TX

02/05/2019

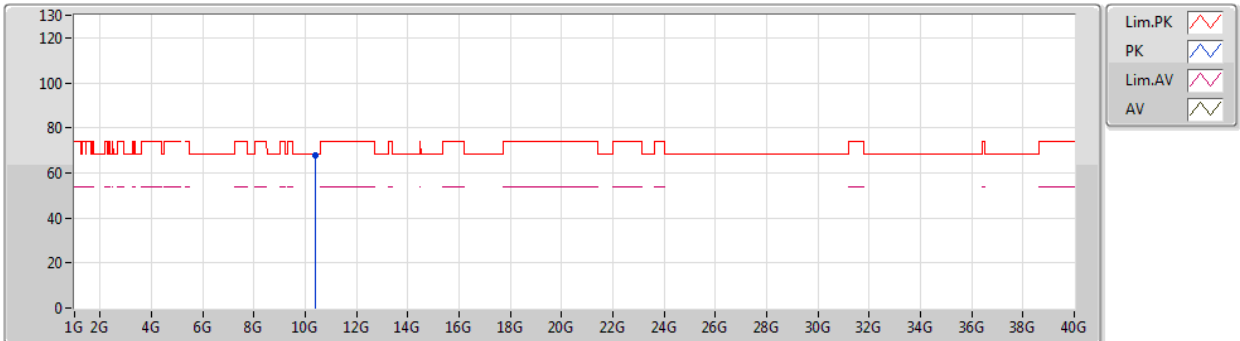


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.39796G    | 65.00             | 68.20             | -3.20          | 22.94          | 3           | Vertical  | 0              | 1.67          | -       |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5200MHz\_TX

02/05/2019

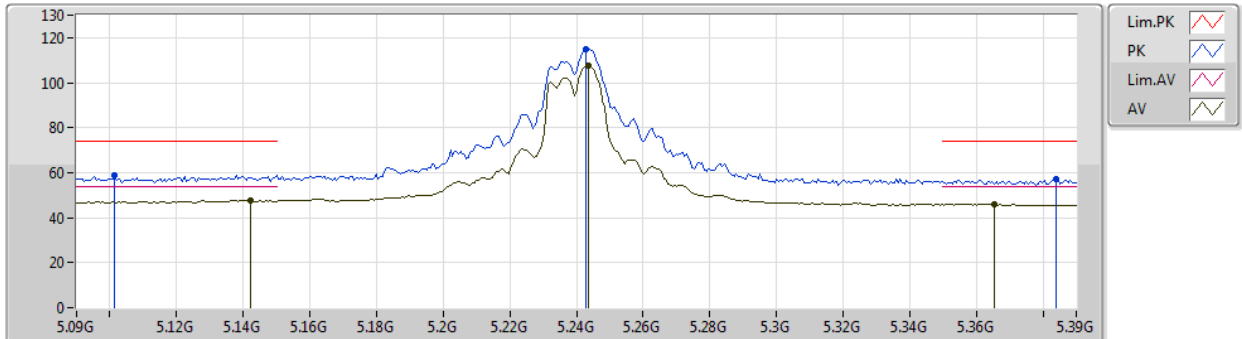


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.39862G    | 67.68             | 68.20             | -0.52          | 22.94          | 3           | Horizontal | 346            | 2.84          | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5240MHz\_TX

02/05/2019

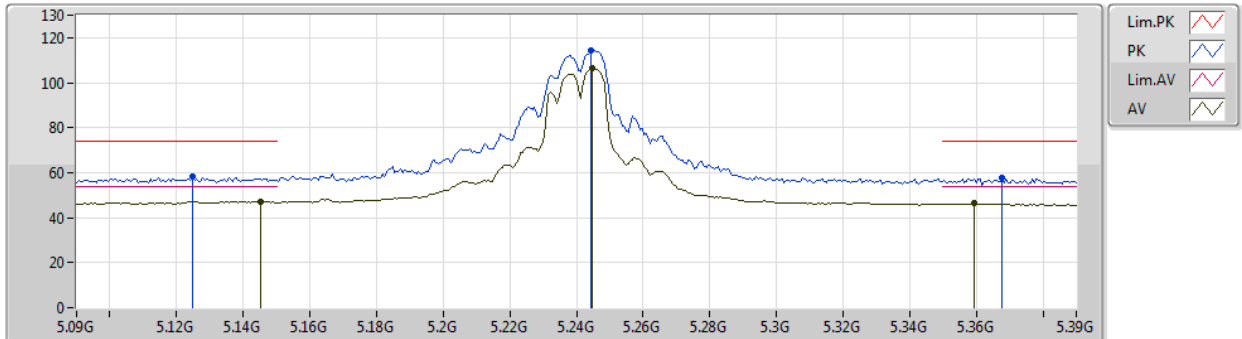


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.1422G      | 47.59             | 54.00             | -6.41          | 8.00           | 3           | Vertical  | 103            | 2.12          | -       |  |  |  |  |
| AV   | 5.2436G      | 107.42            | Inf               | -Inf           | 7.87           | 3           | Vertical  | 103            | 2.12          | -       |  |  |  |  |
| AV   | 5.3654G      | 45.96             | 54.00             | -8.04          | 7.98           | 3           | Vertical  | 103            | 2.12          | -       |  |  |  |  |
| PK   | 5.1014G      | 59.07             | 74.00             | -14.93         | 8.03           | 3           | Vertical  | 103            | 2.12          | -       |  |  |  |  |
| PK   | 5.243G       | 115.13            | Inf               | -Inf           | 7.87           | 3           | Vertical  | 103            | 2.12          | -       |  |  |  |  |
| PK   | 5.384G       | 56.97             | 74.00             | -17.03         | 8.05           | 3           | Vertical  | 103            | 2.12          | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5240MHz\_TX

02/05/2019

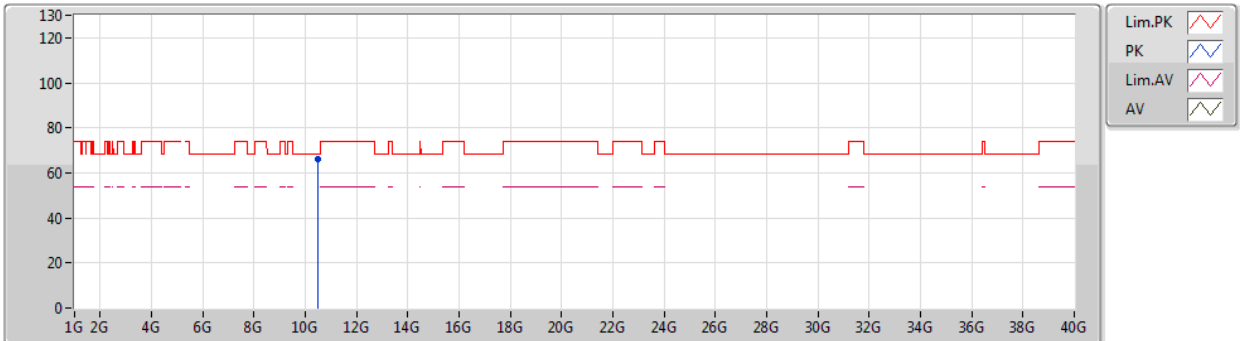


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.1452G      | 47.16             | 54.00             | -6.84          | 7.99           | 3           | Horizontal | 141            | 1.76          | -       |  |  |  |  |
| AV   | 5.2448G      | 106.40            | Inf               | -Inf           | 7.87           | 3           | Horizontal | 141            | 1.76          | -       |  |  |  |  |
| AV   | 5.3594G      | 46.42             | 54.00             | -7.58          | 7.96           | 3           | Horizontal | 141            | 1.76          | -       |  |  |  |  |
| PK   | 5.1248G      | 58.26             | 74.00             | -15.74         | 8.00           | 3           | Horizontal | 141            | 1.76          | -       |  |  |  |  |
| PK   | 5.2442G      | 114.18            | Inf               | -Inf           | 7.87           | 3           | Horizontal | 141            | 1.76          | -       |  |  |  |  |
| PK   | 5.3678G      | 57.64             | 74.00             | -16.36         | 7.99           | 3           | Horizontal | 141            | 1.76          | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5240MHz\_TX

02/05/2019

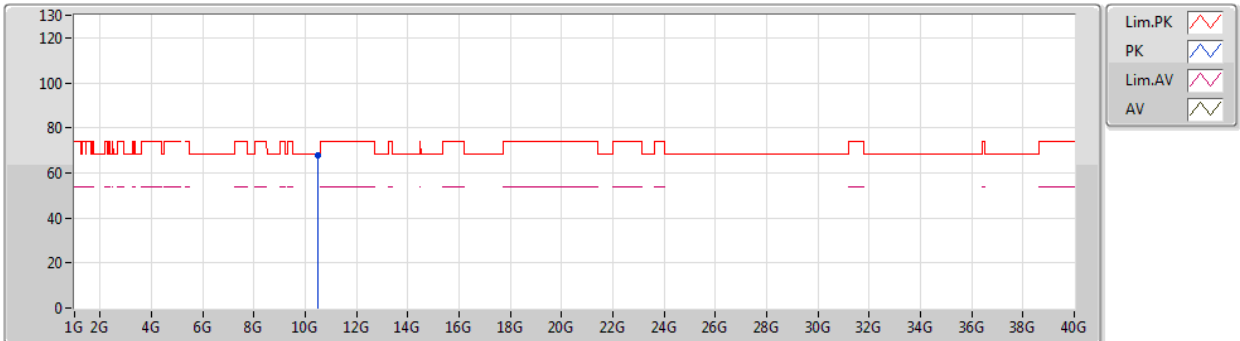


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.47892G    | 66.00             | 68.20             | -2.20          | 23.67          | 3           | Vertical  | 177            | 2.53          | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5240MHz\_TX

02/05/2019

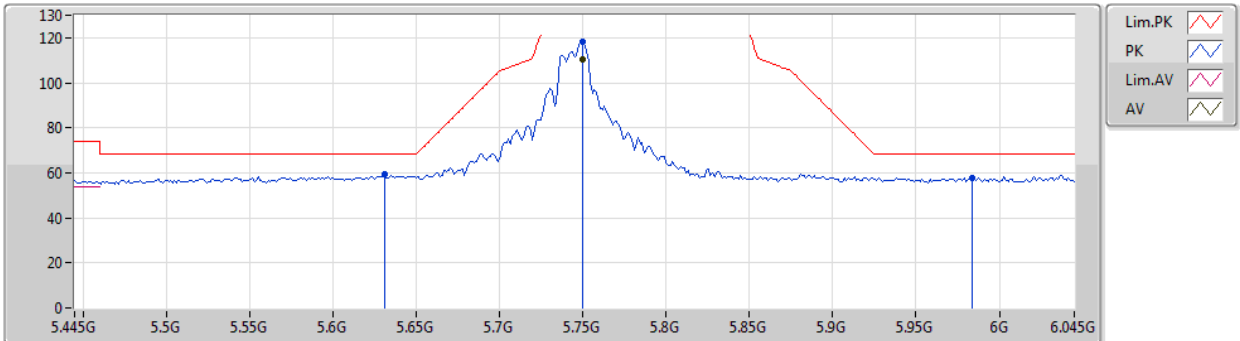


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.47868G    | 67.62             | 68.20             | -0.58          | 23.67          | 3           | Horizontal | 337            | 2.97          | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5745MHz\_TX

02/05/2019

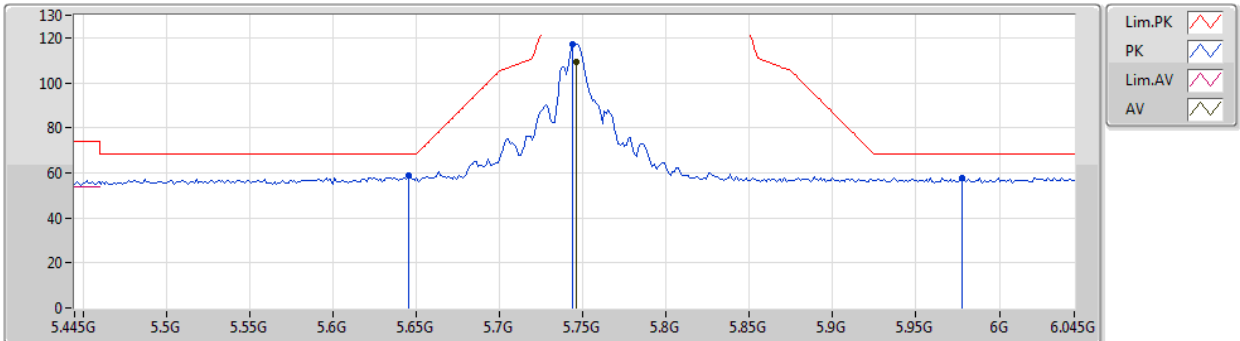


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7498G      | 110.18            | Inf               | -Inf           | 8.78           | 3           | Vertical  | 100            | 2.14          | -       |
| PK   | 5.631G       | 59.35             | 68.20             | -8.85          | 8.53           | 3           | Vertical  | 100            | 2.14          | -       |
| PK   | 5.7498G      | 118.19            | Inf               | -Inf           | 8.78           | 3           | Vertical  | 100            | 2.14          | -       |
| PK   | 5.9838G      | 57.92             | 68.20             | -10.28         | 9.31           | 3           | Vertical  | 100            | 2.14          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5745MHz\_TX

02/05/2019

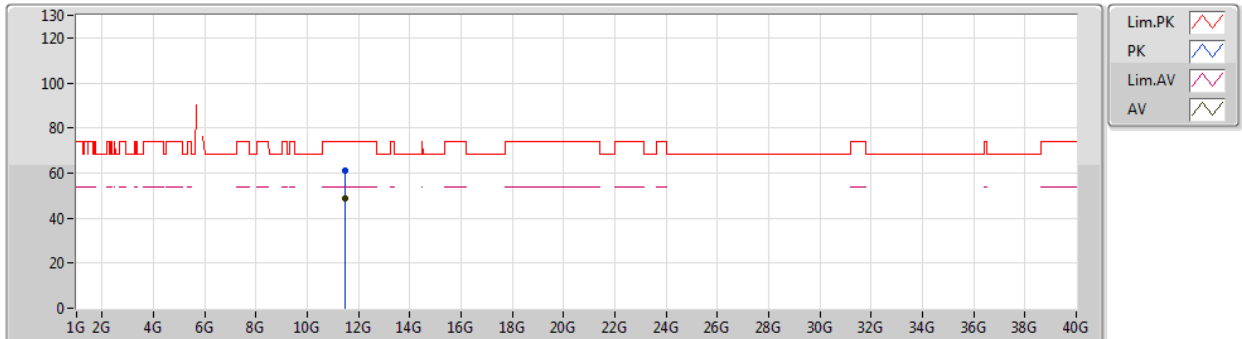


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7462G      | 109.38            | Inf               | -Inf           | 8.77           | 3           | Horizontal | 358            | 2.03          | -       |
| PK   | 5.6454G      | 58.59             | 68.20             | -9.61          | 8.57           | 3           | Horizontal | 358            | 2.03          | -       |
| PK   | 5.7438G      | 117.02            | Inf               | -Inf           | 8.76           | 3           | Horizontal | 358            | 2.03          | -       |
| PK   | 5.9778G      | 57.86             | 68.20             | -10.34         | 9.32           | 3           | Horizontal | 358            | 2.03          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5745MHz\_TX

02/05/2019

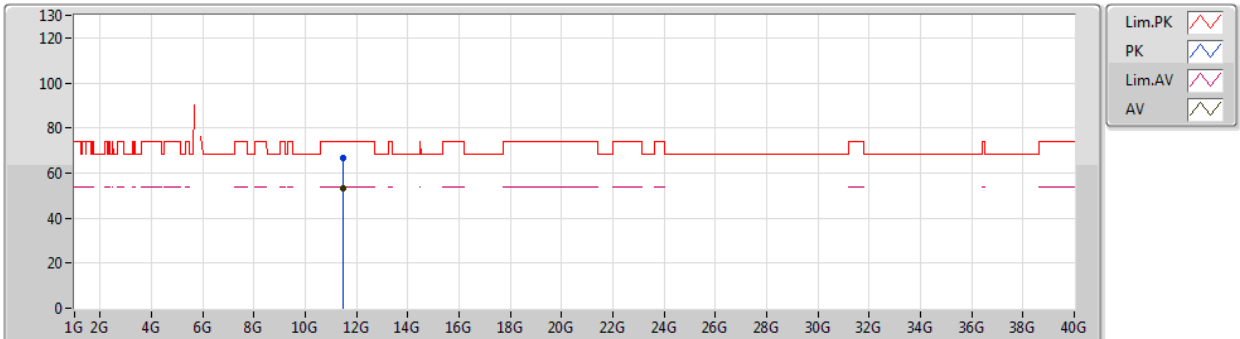


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |  |  |  |  |
| AV   | 11.48682G | 48.93    | 54.00    | -5.07  | 19.65  | 3    | Vertical  | 84      | 1.00   | -       |  |  |  |  |
| PK   | 11.4879G  | 60.84    | 74.00    | -13.16 | 19.65  | 3    | Vertical  | 84      | 1.00   | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5745MHz\_TX

02/05/2019

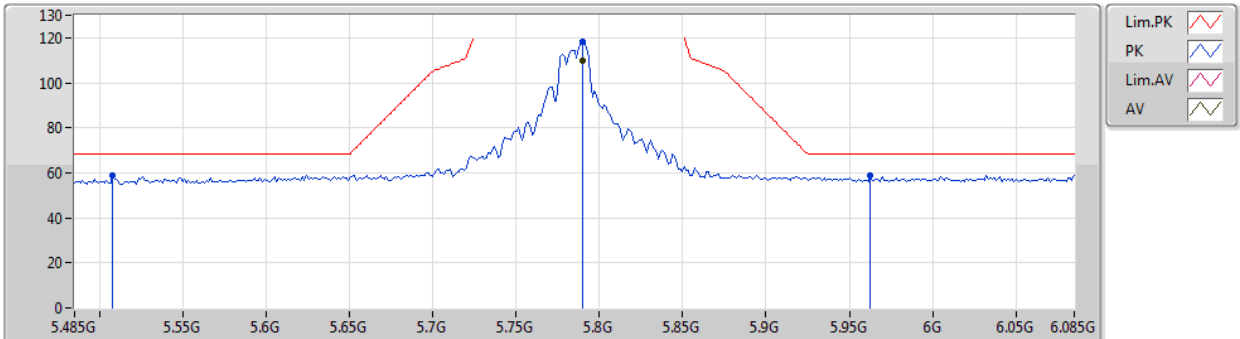


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.48586G    | 53.33             | 54.00             | -0.67          | 19.65          | 3           | Horizontal | 55             | 2.34          | -       |
| PK   | 11.48556G    | 66.58             | 74.00             | -7.42          | 19.65          | 3           | Horizontal | 55             | 2.34          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5785MHz\_TX

02/05/2019

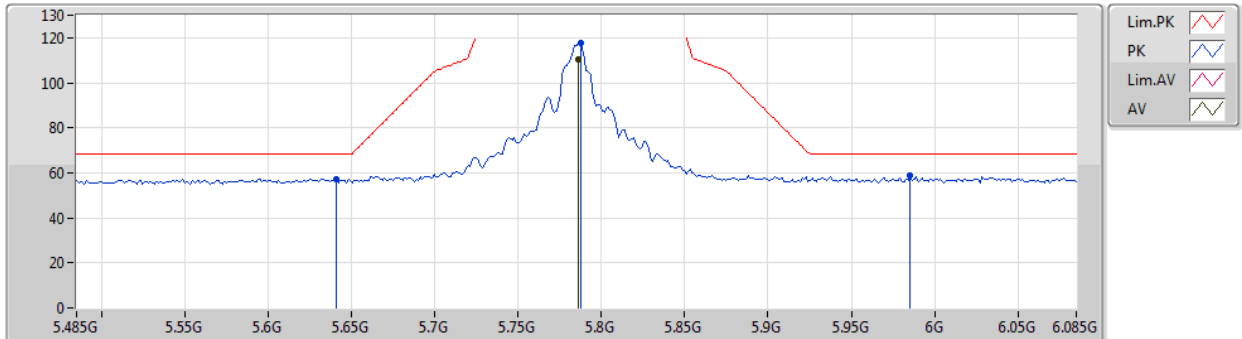


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7898G      | 109.69            | Inf               | -Inf           | 8.88           | 3           | Vertical  | 97             | 2.16          | -       |
| PK   | 5.5078G      | 58.64             | 68.20             | -9.56          | 8.60           | 3           | Vertical  | 97             | 2.16          | -       |
| PK   | 5.7898G      | 117.99            | Inf               | -Inf           | 8.88           | 3           | Vertical  | 97             | 2.16          | -       |
| PK   | 5.9626G      | 58.75             | 68.20             | -9.45          | 9.28           | 3           | Vertical  | 97             | 2.16          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5785MHz\_TX

02/05/2019

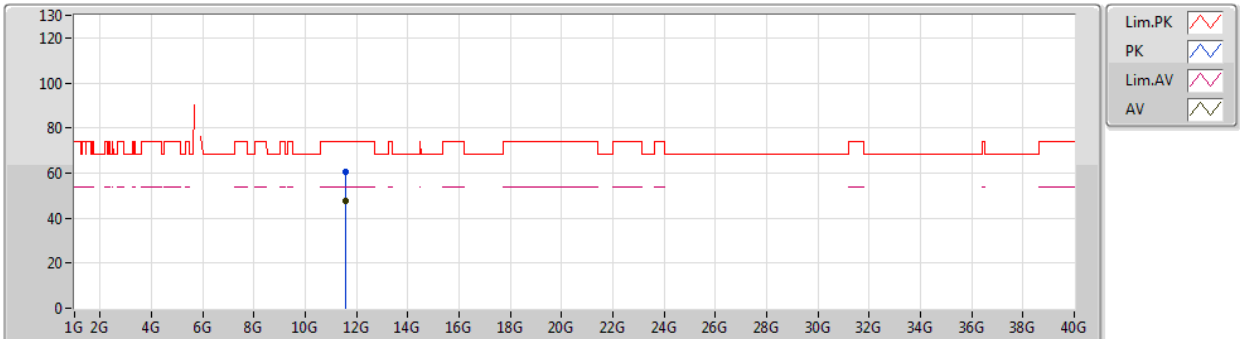


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7862G      | 110.18            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 358            | 2.27          | -       |
| PK   | 5.641G       | 57.23             | 68.20             | -10.97         | 8.55           | 3           | Horizontal | 358            | 2.27          | -       |
| PK   | 5.7874G      | 117.68            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 358            | 2.27          | -       |
| PK   | 5.9854G      | 58.56             | 68.20             | -9.64          | 9.33           | 3           | Horizontal | 358            | 2.27          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5785MHz\_TX

02/05/2019

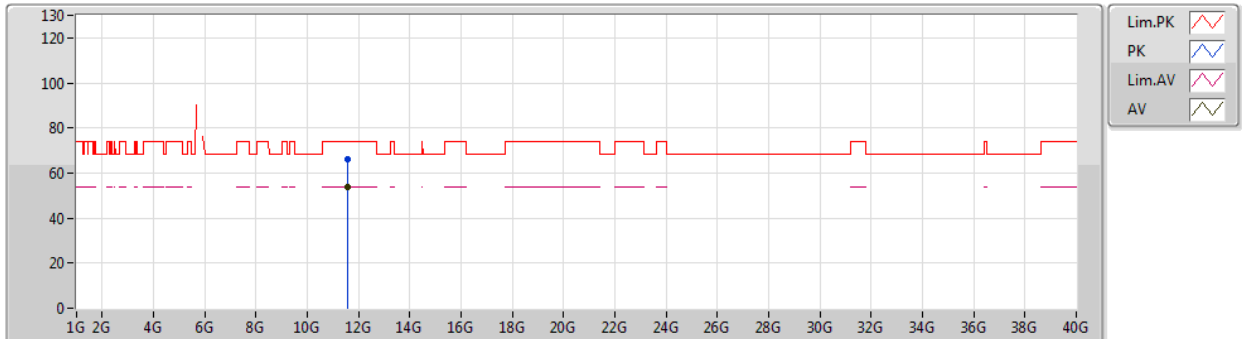


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |  |  |  |  |
| AV   | 11.5646G  | 47.90    | 54.00    | -6.10  | 19.60  | 3    | Vertical  | 338     | 1.50   | -       |  |  |  |  |
| PK   | 11.56568G | 60.57    | 74.00    | -13.43 | 19.60  | 3    | Vertical  | 338     | 1.50   | -       |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5785MHz\_TX

02/05/2019

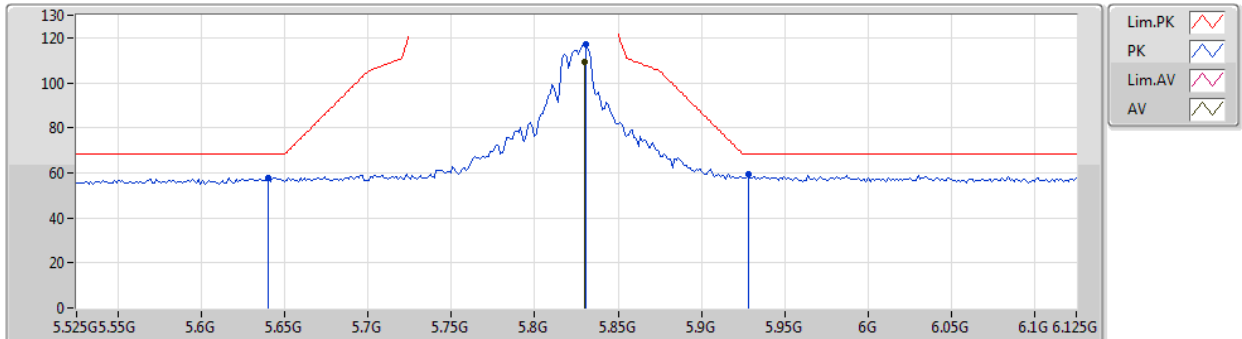


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.56755G    | 53.66             | 54.00             | -0.34          | 19.60          | 3           | Horizontal | 132            | 2.63          | -       |
| PK   | 11.56652G    | 65.99             | 74.00             | -8.01          | 19.60          | 3           | Horizontal | 132            | 2.63          | -       |

# 802.11a\_Nss1,(6Mbps)\_4TX

## 5825MHz\_TX

02/05/2019

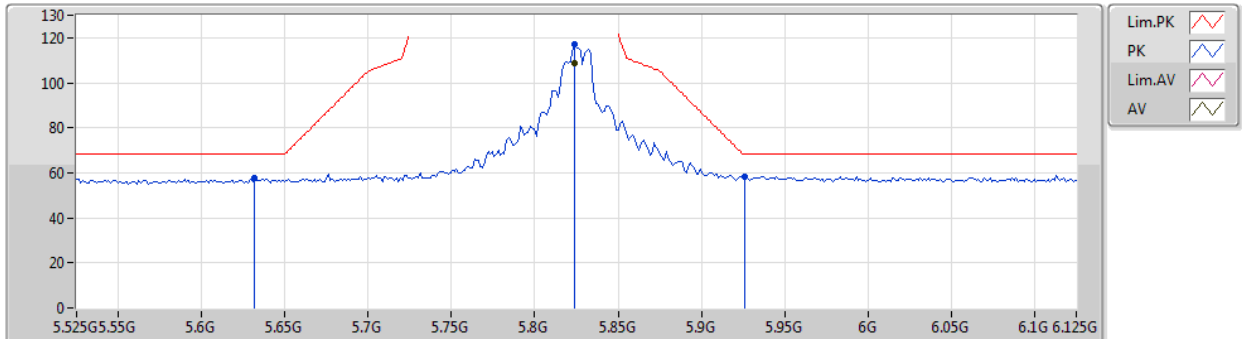


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.8298G      | 109.03            | Inf               | -Inf           | 8.99           | 3           | Vertical  | 92             | 2.23          | -       |
| PK   | 5.6402G      | 57.79             | 68.20             | -10.41         | 8.55           | 3           | Vertical  | 92             | 2.23          | -       |
| PK   | 5.831G       | 117.28            | Inf               | -Inf           | 8.99           | 3           | Vertical  | 92             | 2.23          | -       |
| PK   | 5.9282G      | 59.30             | 68.20             | -8.90          | 9.23           | 3           | Vertical  | 92             | 2.23          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5825MHz\_TX

02/05/2019

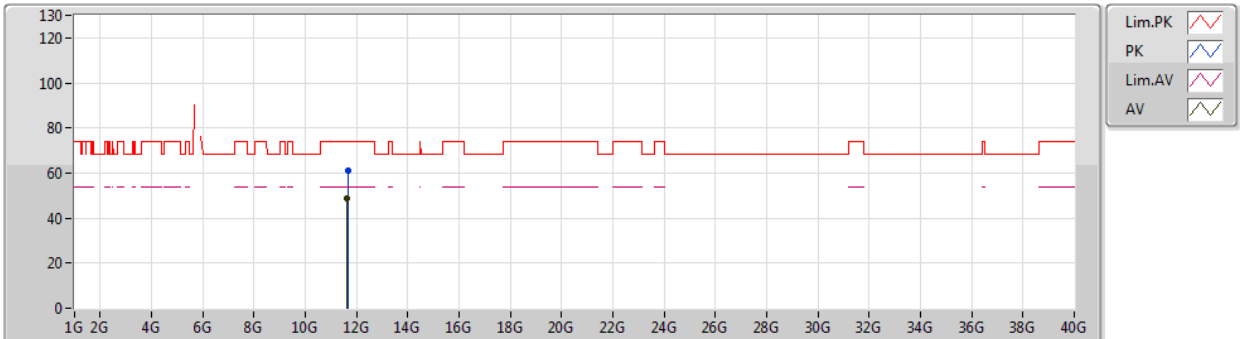


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.8238G      | 108.63            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 138            | 1.50          | -       |
| PK   | 5.6318G      | 57.50             | 68.20             | -10.70         | 8.53           | 3           | Horizontal | 138            | 1.50          | -       |
| PK   | 5.8238G      | 117.12            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 138            | 1.50          | -       |
| PK   | 5.9258G      | 58.41             | 68.20             | -9.79          | 9.23           | 3           | Horizontal | 138            | 1.50          | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5825MHz\_TX

02/05/2019

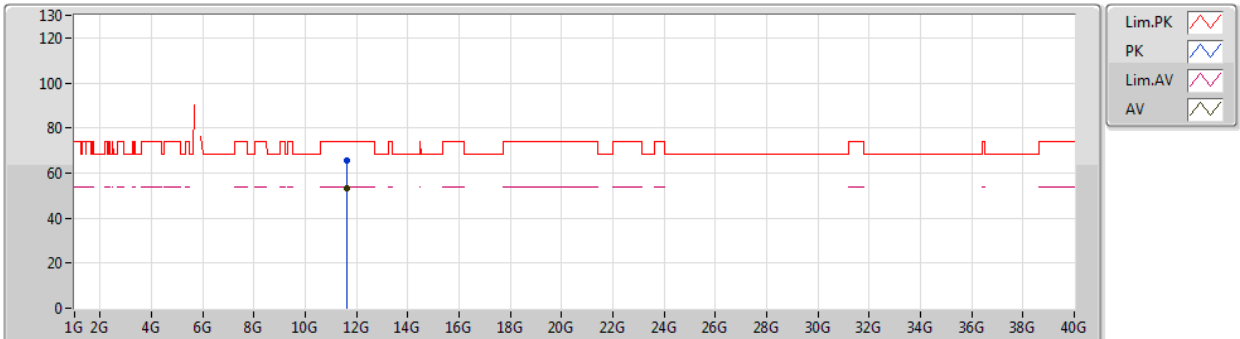


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |
| AV   | 11.64568G | 48.74    | 54.00    | -5.26  | 19.58  | 3    | Vertical  | 52      | 1.01   | -       |
| PK   | 11.65612G | 61.19    | 74.00    | -12.81 | 19.59  | 3    | Vertical  | 52      | 1.01   | -       |

## 802.11a\_Nss1,(6Mbps)\_4TX

## 5825MHz\_TX

02/05/2019

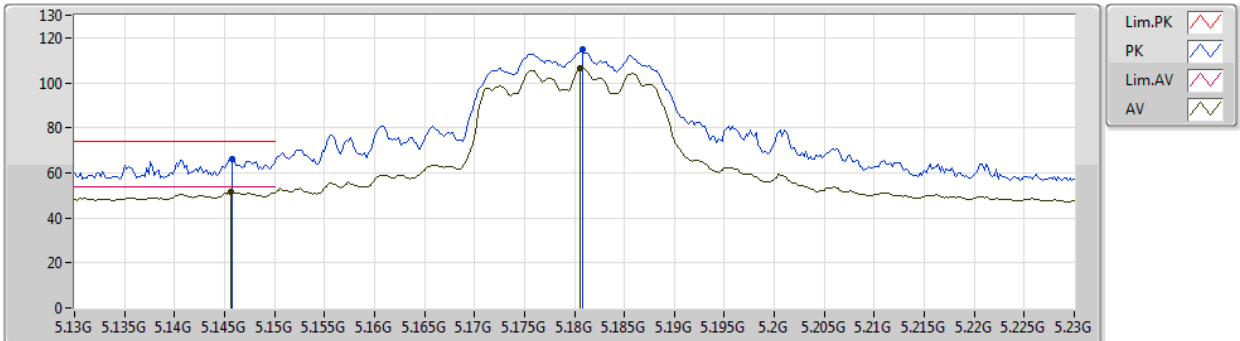


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.64742G    | 53.25             | 54.00             | -0.75          | 19.59          | 3           | Horizontal | 125            | 2.27          | -       |
| PK   | 11.64742G    | 65.71             | 74.00             | -8.29          | 19.59          | 3           | Horizontal | 125            | 2.27          | -       |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5180MHz\_TX

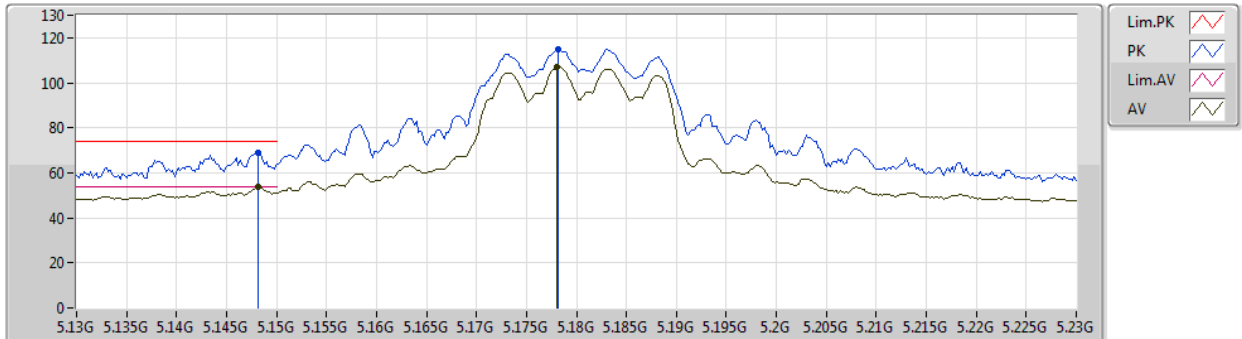


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.1456G      | 51.61             | 54.00             | -2.39          | 9.02           | 3           | Vertical  | 98             | 2.23          | -       |  |  |  |  |
| AV   | 5.1806G      | 106.61            | Inf               | -Inf           | 8.99           | 3           | Vertical  | 98             | 2.23          | -       |  |  |  |  |
| PK   | 5.1458G      | 66.09             | 74.00             | -7.91          | 9.02           | 3           | Vertical  | 98             | 2.23          | -       |  |  |  |  |
| PK   | 5.1808G      | 114.63            | Inf               | -Inf           | 8.99           | 3           | Vertical  | 98             | 2.23          | -       |  |  |  |  |

# 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5180MHz\_TX

02/05/2019

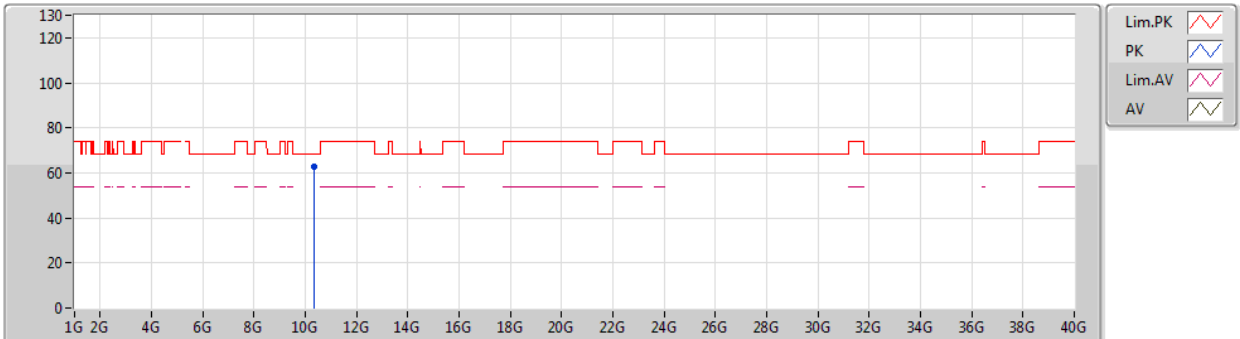


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.1482G      | 53.57             | 54.00             | -0.43          | 9.01           | 3           | Horizontal | 306            | 1.68          | -       |
| AV   | 5.178G       | 106.83            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 306            | 1.68          | -       |
| PK   | 5.1482G      | 68.69             | 74.00             | -5.31          | 9.01           | 3           | Horizontal | 306            | 1.68          | -       |
| PK   | 5.1782G      | 114.97            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 306            | 1.68          | -       |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5180MHz\_TX

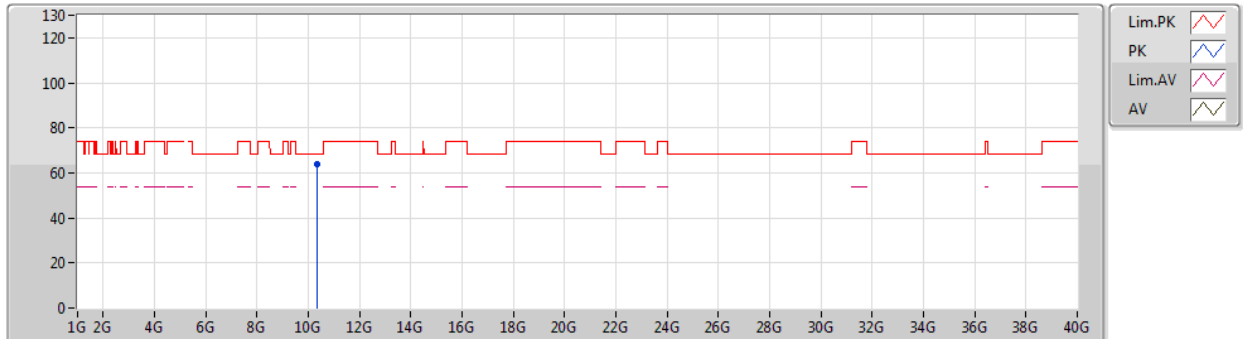


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.36246G    | 62.90             | 68.20             | -5.30          | 19.14          | 3           | Vertical  | 65             | 1.58          | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5180MHz\_TX

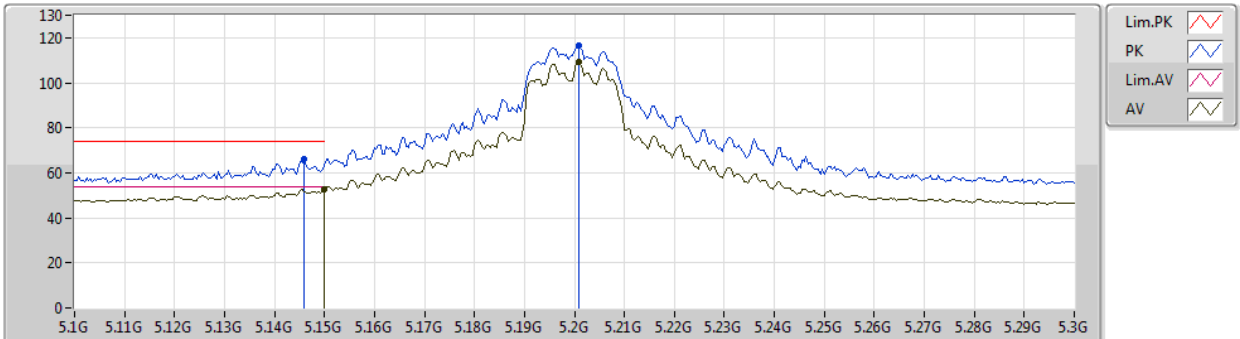


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.3603G     | 63.98             | 68.20             | -4.22          | 19.14          | 3           | Horizontal | 318            | 1.04          | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5200MHz\_TX

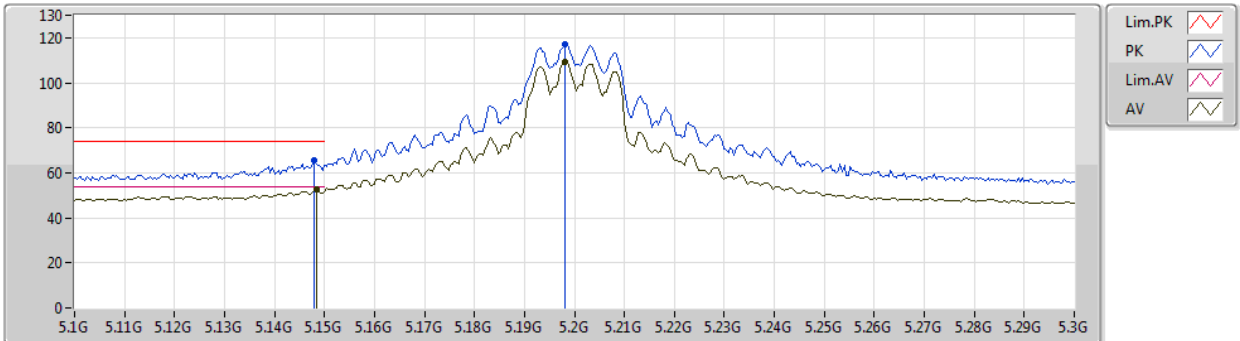


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.15G        | 52.56             | 54.00             | -1.44          | 9.01           | 3           | Vertical  | 86             | 2.42          | -       |  |  |  |  |
| AV   | 5.2008G      | 109.15            | Inf               | -Inf           | 8.97           | 3           | Vertical  | 86             | 2.42          | -       |  |  |  |  |
| PK   | 5.146G       | 65.99             | 74.00             | -8.01          | 9.02           | 3           | Vertical  | 86             | 2.42          | -       |  |  |  |  |
| PK   | 5.2008G      | 116.30            | Inf               | -Inf           | 8.97           | 3           | Vertical  | 86             | 2.42          | -       |  |  |  |  |

# 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5200MHz\_TX

02/05/2019

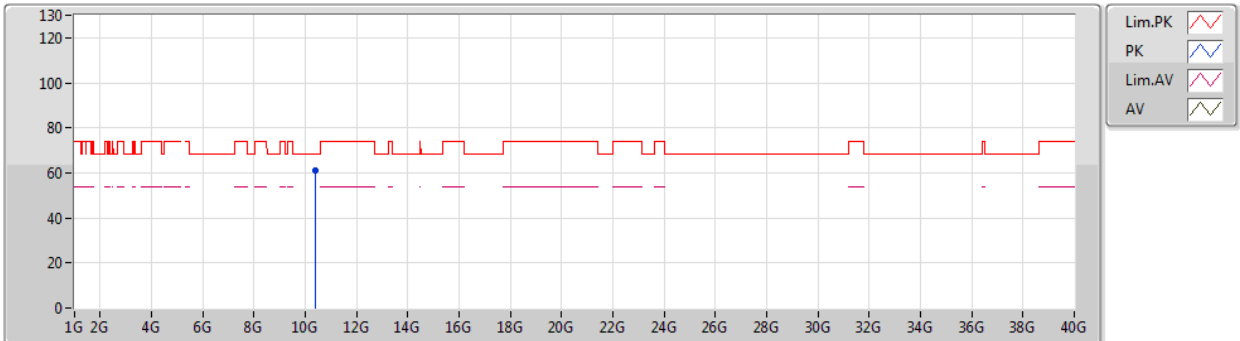


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.1484G      | 52.49             | 54.00             | -1.51          | 9.01           | 3           | Horizontal | 305            | 1.78          | -       |
| AV   | 5.198G       | 109.25            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 305            | 1.78          | -       |
| PK   | 5.148G       | 65.68             | 74.00             | -8.32          | 9.01           | 3           | Horizontal | 305            | 1.78          | -       |
| PK   | 5.198G       | 117.27            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 305            | 1.78          | -       |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5200MHz\_TX

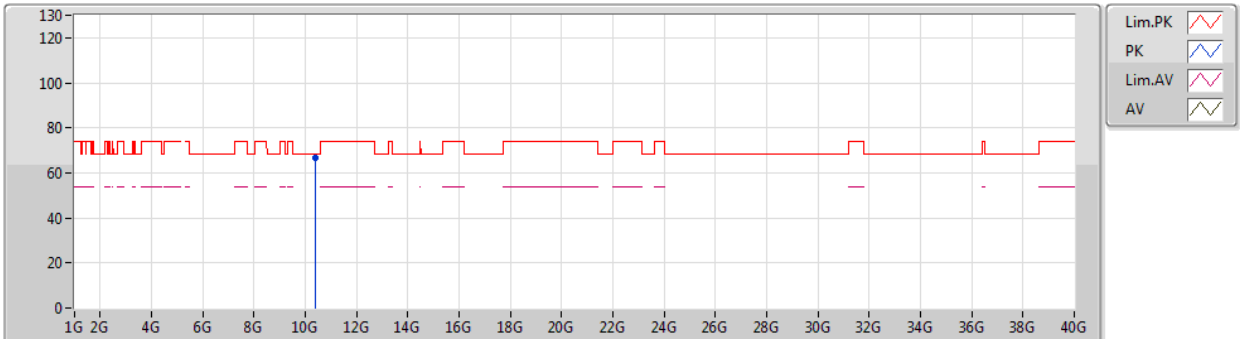


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.39718G    | 61.33             | 68.20             | -6.87          | 19.20          | 3           | Vertical  | 62             | 1.64          | -       |  |  |  |  |

### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

### 5200MHz\_TX

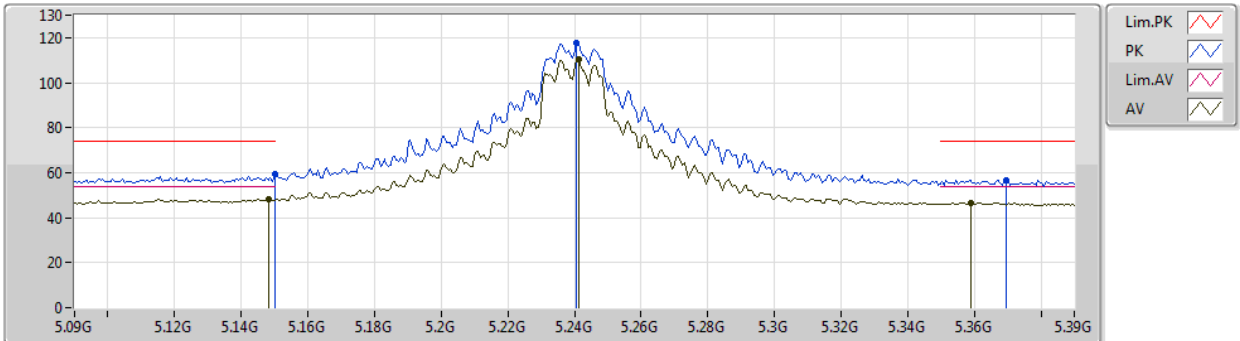


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.3949G     | 66.79             | 68.20             | -1.41          | 19.19          | 3           | Horizontal | 338            | 1.71          | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5240MHz\_TX

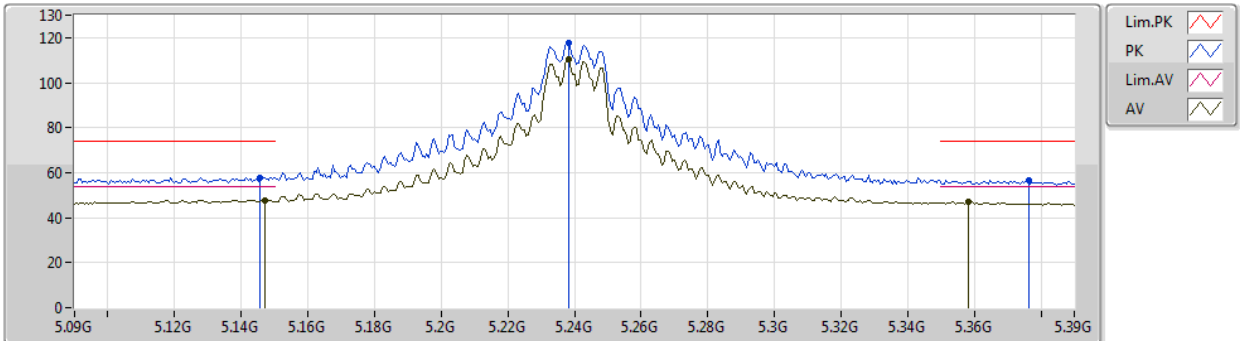


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.1482G      | 48.25             | 54.00             | -5.75          | 9.01           | 3           | Vertical  | 95             | 2.44          | -       |  |  |  |  |
| AV   | 5.2412G      | 110.38            | Inf               | -Inf           | 8.87           | 3           | Vertical  | 95             | 2.44          | -       |  |  |  |  |
| AV   | 5.3588G      | 46.64             | 54.00             | -7.36          | 8.90           | 3           | Vertical  | 95             | 2.44          | -       |  |  |  |  |
| PK   | 5.15G        | 59.31             | 74.00             | -14.69         | 9.01           | 3           | Vertical  | 95             | 2.44          | -       |  |  |  |  |
| PK   | 5.2406G      | 117.63            | Inf               | -Inf           | 8.87           | 3           | Vertical  | 95             | 2.44          | -       |  |  |  |  |
| PK   | 5.3696G      | 56.81             | 74.00             | -17.19         | 8.93           | 3           | Vertical  | 95             | 2.44          | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5240MHz\_TX

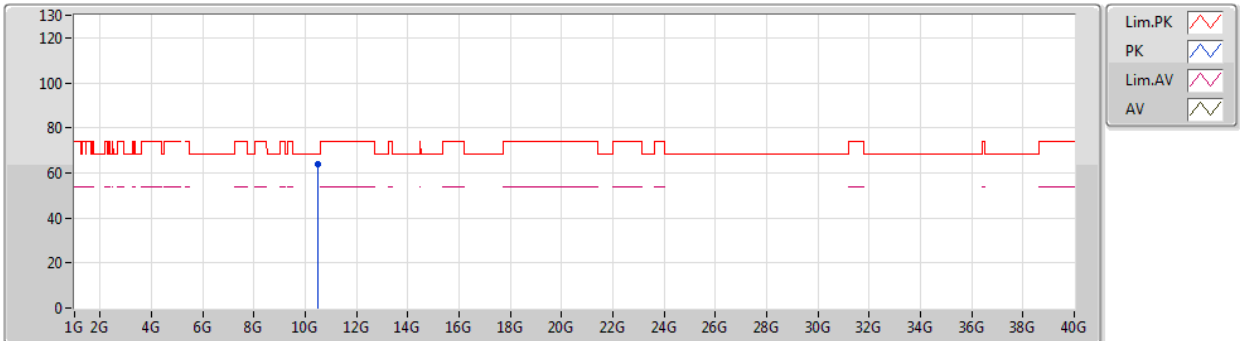
02/05/2019



## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5240MHz\_TX

02/05/2019

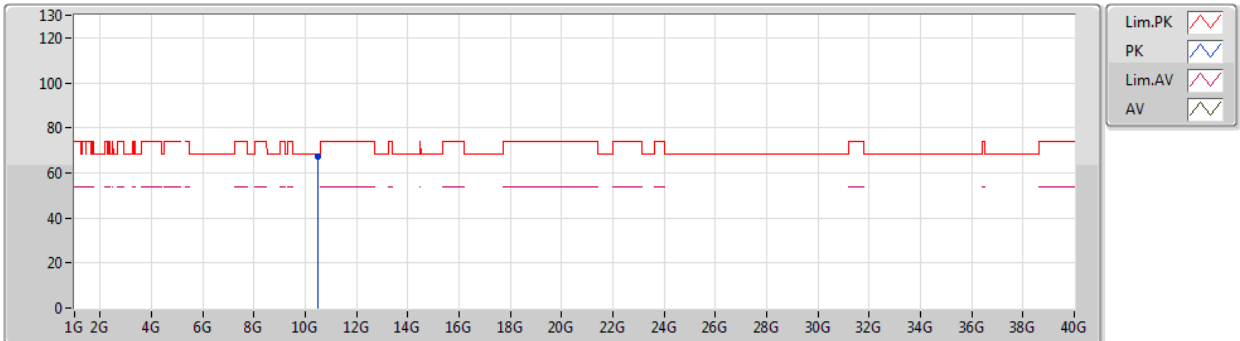


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.4776G     | 63.90             | 68.20             | -4.30          | 19.33          | 3           | Vertical  | 66             | 1.14          | -       |  |  |  |  |

### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

### 5240MHz\_TX

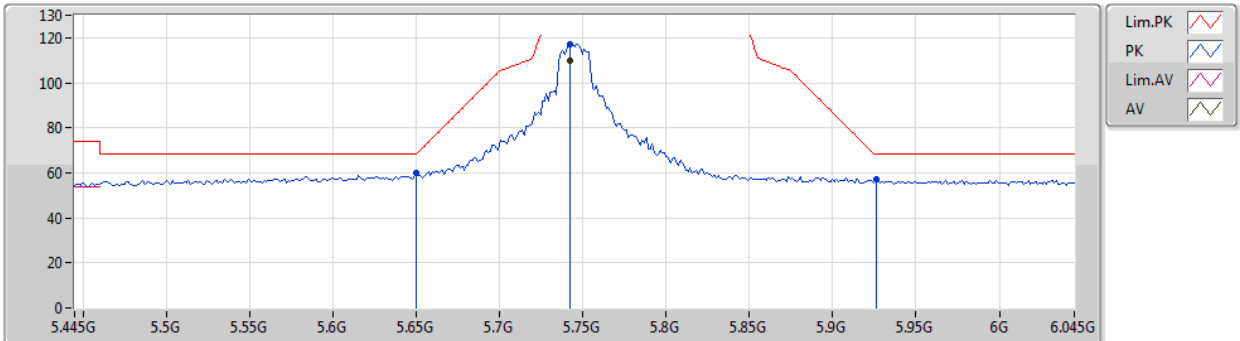


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.48485G    | 67.48             | 68.20             | -0.72          | 19.34          | 3           | Horizontal | 323            | 1.20          | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5745MHz\_TX

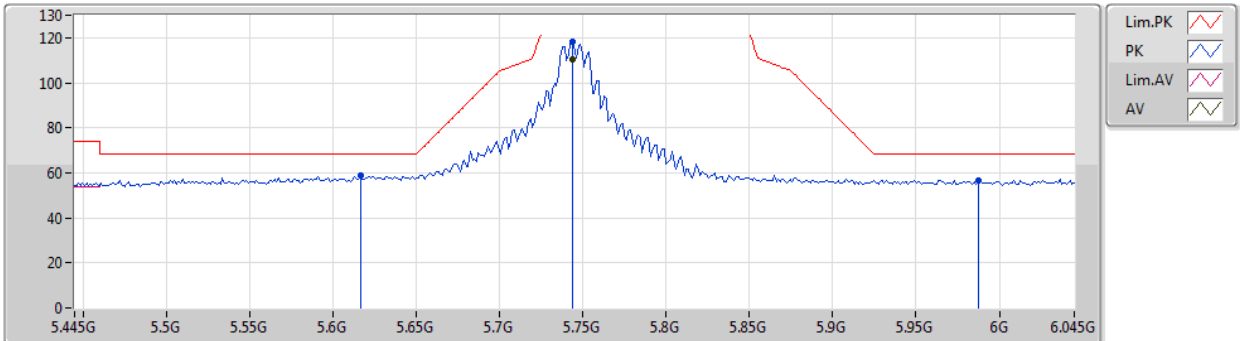


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7426G      | 109.95            | Inf               | -Inf           | 9.52           | 3           | Vertical  | 90             | 2.10          | -       |
| PK   | 5.6502G      | 60.07             | 68.35             | -8.28          | 9.37           | 3           | Vertical  | 90             | 2.10          | -       |
| PK   | 5.7426G      | 117.36            | Inf               | -Inf           | 9.52           | 3           | Vertical  | 90             | 2.10          | -       |
| PK   | 5.9262G      | 57.10             | 68.20             | -11.10         | 10.00          | 3           | Vertical  | 90             | 2.10          | -       |

# 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5745MHz\_TX

02/05/2019

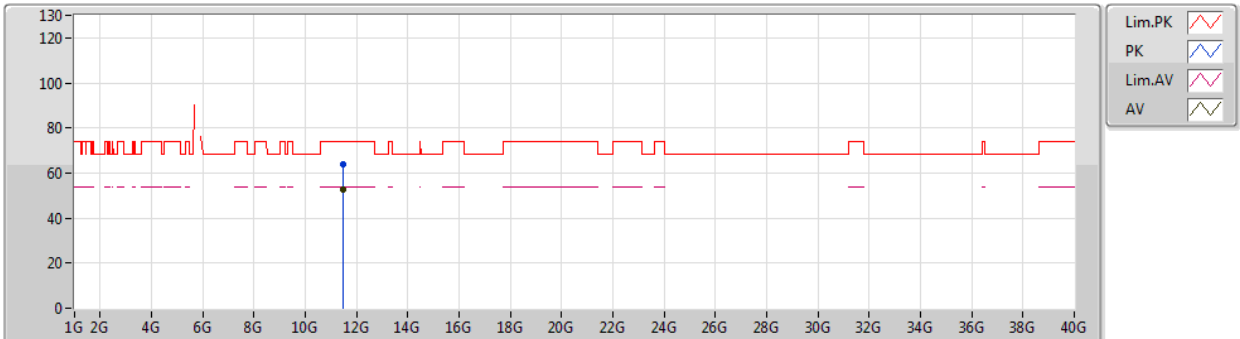


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7438G      | 110.64            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 323            | 1.77          | -       |
| PK   | 5.6166G      | 58.82             | 68.20             | -9.38          | 9.34           | 3           | Horizontal | 323            | 1.77          | -       |
| PK   | 5.7438G      | 118.43            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 323            | 1.77          | -       |
| PK   | 5.9874G      | 56.86             | 68.20             | -11.34         | 10.10          | 3           | Horizontal | 323            | 1.77          | -       |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5745MHz\_TX

02/05/2019

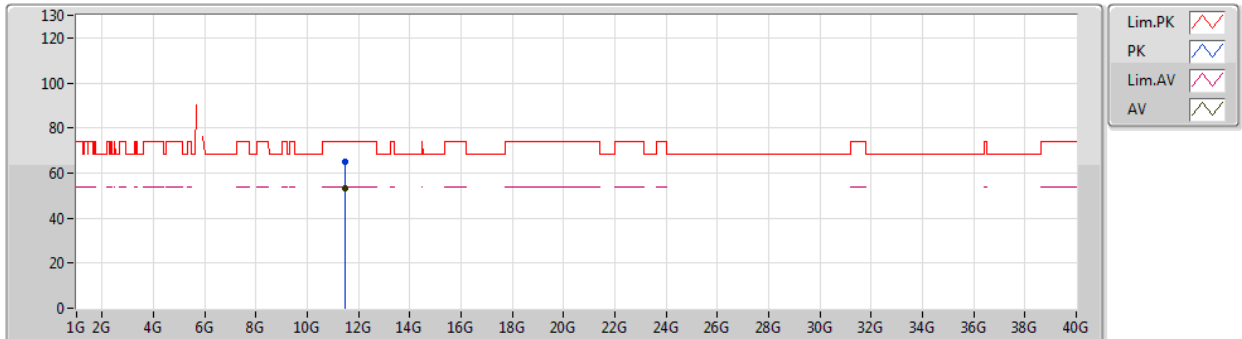


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |  |  |  |  |
| AV   | 11.4846G  | 52.95    | 54.00    | -1.05  | 19.81  | 3    | Vertical  | 95      | 1.00   | -       |  |  |  |  |
| PK   | 11.48424G | 63.87    | 74.00    | -10.13 | 19.81  | 3    | Vertical  | 95      | 1.00   | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5745MHz\_TX

02/05/2019

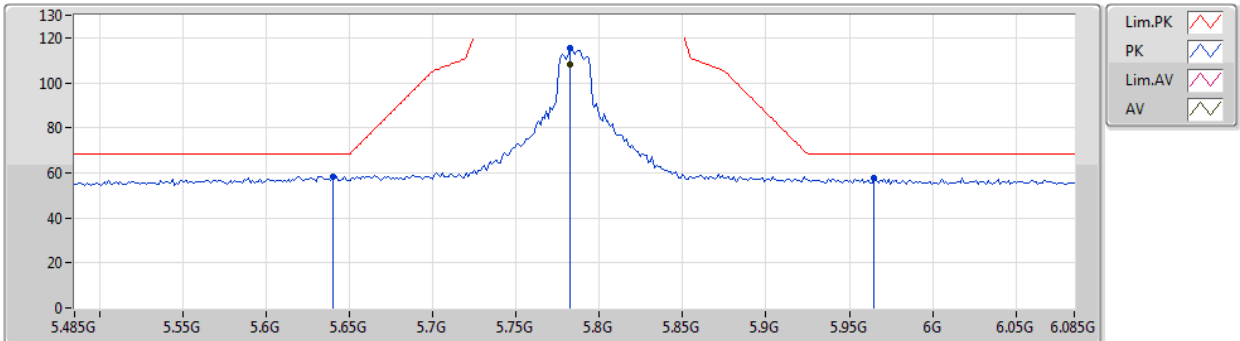


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.49372G    | 53.48             | 54.00             | -0.52          | 19.81          | 3           | Horizontal | 294            | 2.00          | -       |
| PK   | 11.48892G    | 64.79             | 74.00             | -9.21          | 19.81          | 3           | Horizontal | 294            | 2.00          | -       |

# 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5785MHz\_TX

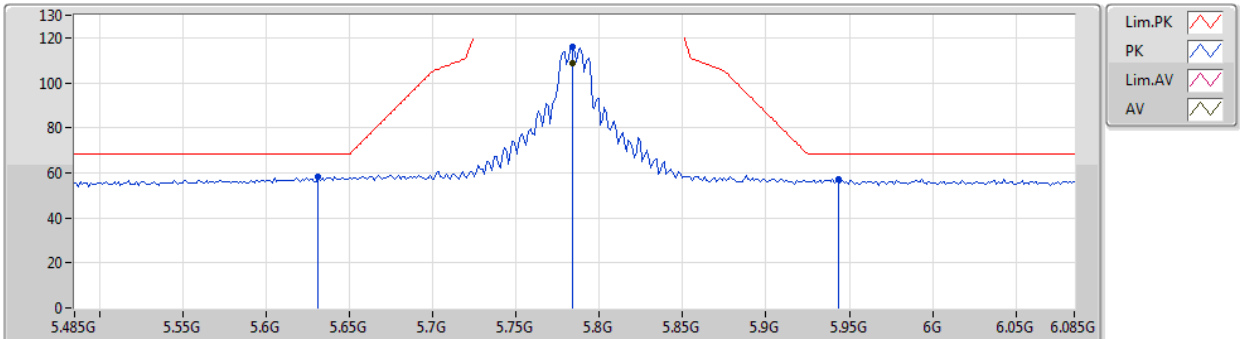


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.7826G      | 108.05            | Inf               | -Inf           | 9.60           | 3           | Vertical  | 101            | 2.02          | -       |  |  |  |  |
| PK   | 5.6398G      | 58.23             | 68.20             | -9.97          | 9.36           | 3           | Vertical  | 101            | 2.02          | -       |  |  |  |  |
| PK   | 5.7826G      | 115.64            | Inf               | -Inf           | 9.60           | 3           | Vertical  | 101            | 2.02          | -       |  |  |  |  |
| PK   | 5.965G       | 57.45             | 68.20             | -10.75         | 10.06          | 3           | Vertical  | 101            | 2.02          | -       |  |  |  |  |

# 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5785MHz\_TX

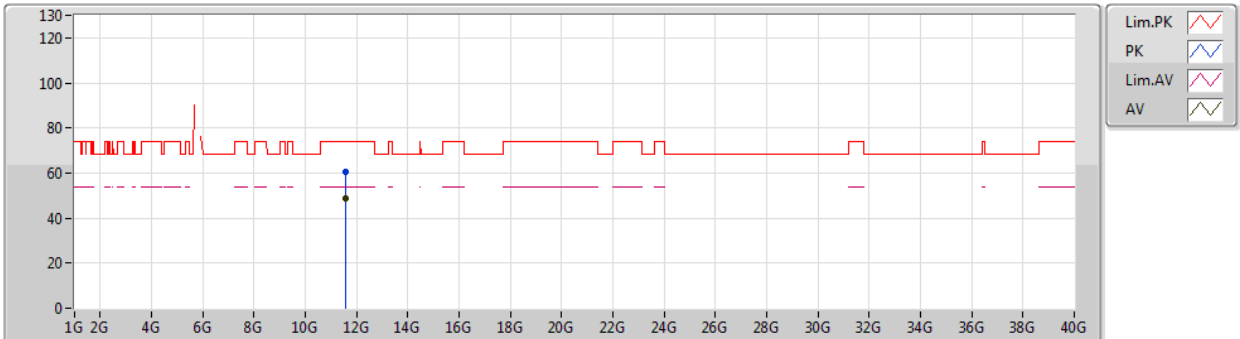


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7838G      | 108.83            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 322            | 1.63          | -       |
| PK   | 5.6314G      | 58.32             | 68.20             | -9.88          | 9.35           | 3           | Horizontal | 322            | 1.63          | -       |
| PK   | 5.7838G      | 116.06            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 322            | 1.63          | -       |
| PK   | 5.9434G      | 57.02             | 68.20             | -11.18         | 10.02          | 3           | Horizontal | 322            | 1.63          | -       |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5785MHz\_TX

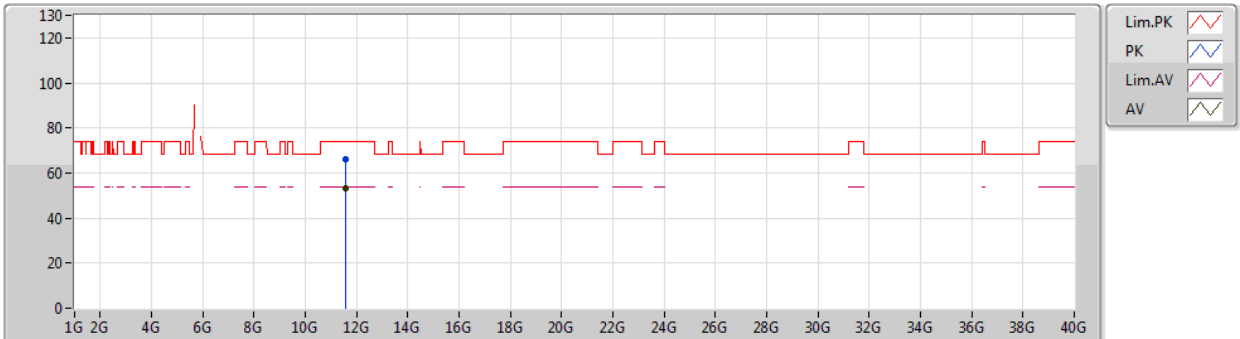


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |  |  |  |  |
| AV   | 11.57438G | 48.84    | 54.00    | -5.16  | 19.74  | 3    | Vertical  | 54      | 1.85   | -       |  |  |  |  |
| PK   | 11.56856G | 60.50    | 74.00    | -13.50 | 19.75  | 3    | Vertical  | 54      | 1.85   | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5785MHz\_TX

02/05/2019

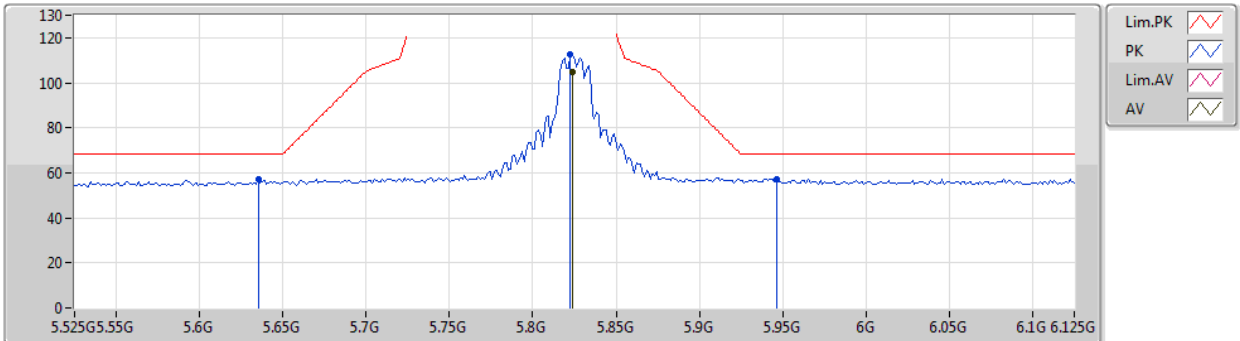


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         |  |  |  |  |
| AV   | 11.56934G | 53.38    | 54.00    | -0.62  | 19.75  | 3    | Horizontal | 308     | 2.33   | -       |  |  |  |  |
| PK   | 11.56934G | 66.07    | 74.00    | -7.93  | 19.75  | 3    | Horizontal | 308     | 2.33   | -       |  |  |  |  |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5825MHz\_TX

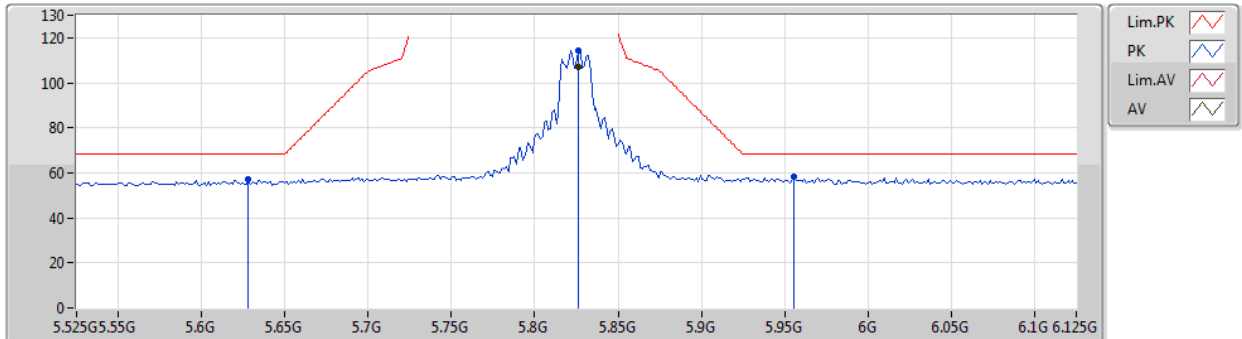


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.8238G      | 104.83            | Inf               | -Inf           | 9.71           | 3           | Vertical  | 310            | 2.11          | -       |
| PK   | 5.6354G      | 56.98             | 68.20             | -11.22         | 9.36           | 3           | Vertical  | 310            | 2.11          | -       |
| PK   | 5.8226G      | 112.54            | Inf               | -Inf           | 9.70           | 3           | Vertical  | 310            | 2.11          | -       |
| PK   | 5.9462G      | 57.20             | 68.20             | -11.00         | 10.04          | 3           | Vertical  | 310            | 2.11          | -       |

# 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5825MHz\_TX

02/05/2019

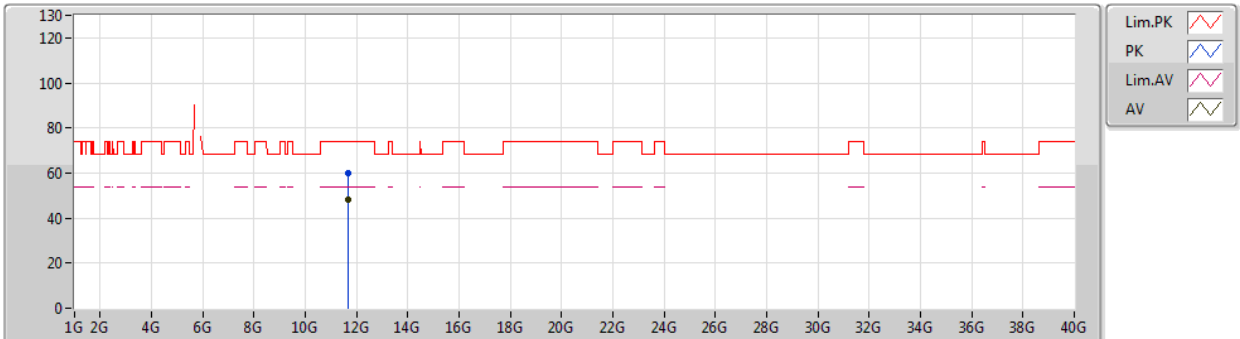


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.8262G      | 107.20            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 170            | 1.42          | -       |
| PK   | 5.6282G      | 57.22             | 68.20             | -10.98         | 9.34           | 3           | Horizontal | 170            | 1.42          | -       |
| PK   | 5.8262G      | 114.50            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 170            | 1.42          | -       |
| PK   | 5.9558G      | 58.50             | 68.20             | -9.70          | 10.05          | 3           | Horizontal | 170            | 1.42          | -       |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

## 5825MHz\_TX

02/05/2019

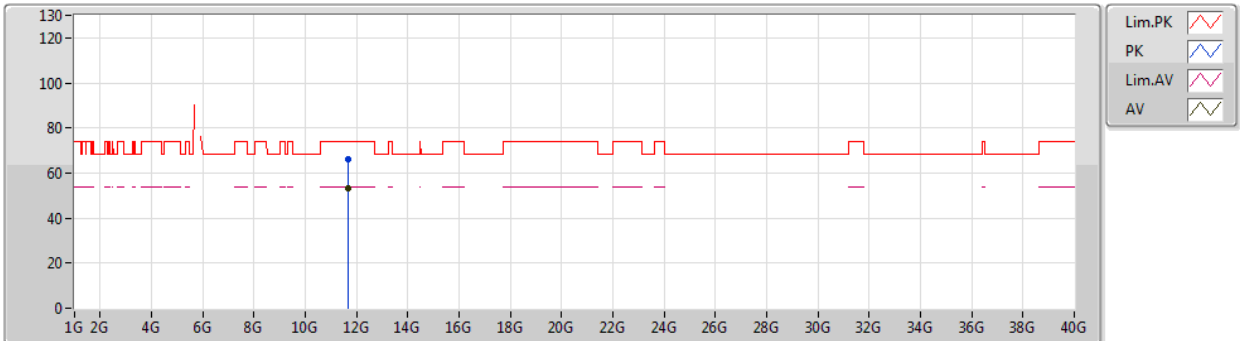


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.6503G     | 48.36             | 54.00             | -5.64          | 19.68          | 3           | Vertical  | 57             | 1.86          | -       |
| PK   | 11.6491G     | 59.76             | 74.00             | -14.24         | 19.69          | 3           | Vertical  | 57             | 1.86          | -       |

## 802.11ac VHT20\_Nss1,(MCS0)\_4TX

02/05/2019

## 5825MHz\_TX

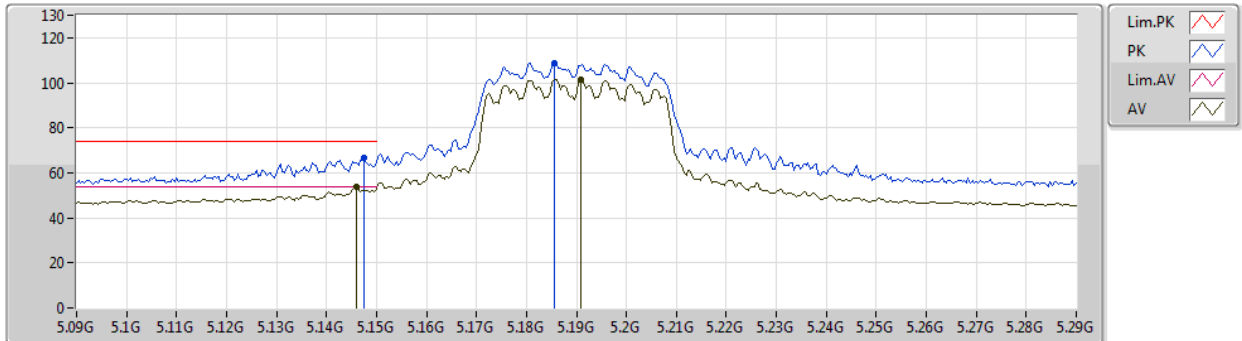


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         |  |  |  |  |
| AV   | 11.64916G | 53.02    | 54.00    | -0.98  | 19.69  | 3    | Horizontal | 46      | 1.98   | -       |  |  |  |  |
| PK   | 11.65396G | 66.22    | 74.00    | -7.78  | 19.68  | 3    | Horizontal | 46      | 1.98   | -       |  |  |  |  |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5190MHz\_TX

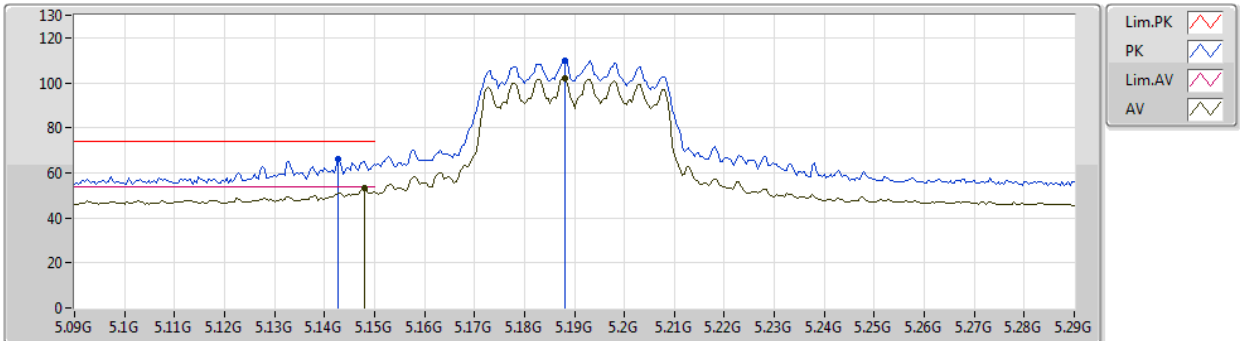


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.146G       | 53.66             | 54.00             | -0.34          | 9.02           | 3           | Vertical  | 85             | 2.27          | -       |
| AV   | 5.1908G      | 101.41            | Inf               | -Inf           | 8.98           | 3           | Vertical  | 85             | 2.27          | -       |
| PK   | 5.1476G      | 66.83             | 74.00             | -7.17          | 9.01           | 3           | Vertical  | 85             | 2.27          | -       |
| PK   | 5.1856G      | 108.82            | Inf               | -Inf           | 8.99           | 3           | Vertical  | 85             | 2.27          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5190MHz\_TX

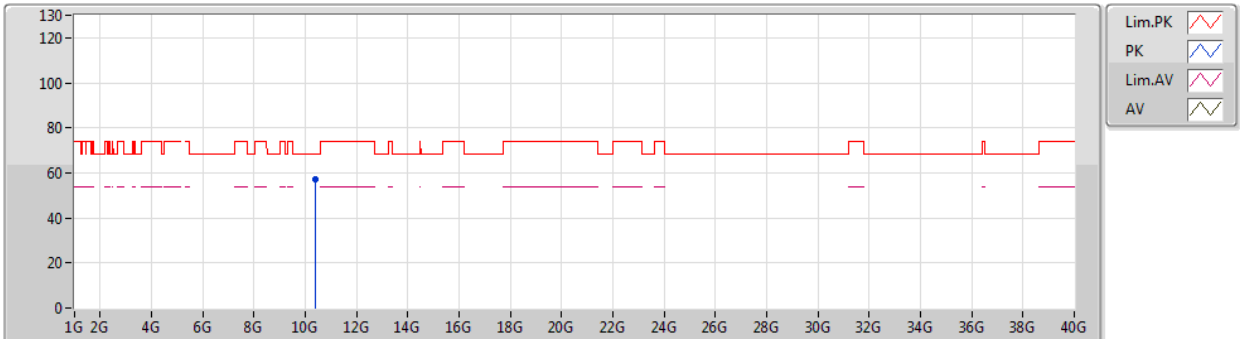


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.148G       | 53.38             | 54.00             | -0.62          | 9.01           | 3           | Horizontal | 137            | 1.72          | -       |
| AV   | 5.188G       | 101.73            | Inf               | -Inf           | 8.98           | 3           | Horizontal | 137            | 1.72          | -       |
| PK   | 5.1428G      | 66.31             | 74.00             | -7.69          | 9.01           | 3           | Horizontal | 137            | 1.72          | -       |
| PK   | 5.188G       | 109.92            | Inf               | -Inf           | 8.98           | 3           | Horizontal | 137            | 1.72          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5190MHz\_TX

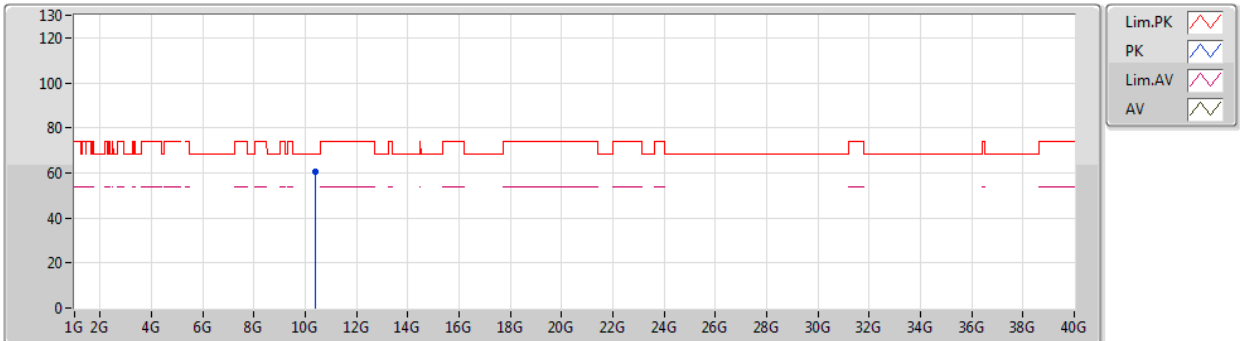


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.37964G    | 57.30             | 68.20             | -10.90         | 19.16          | 3           | Vertical  | 62             | 2.69          | -       |  |  |  |  |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5190MHz\_TX

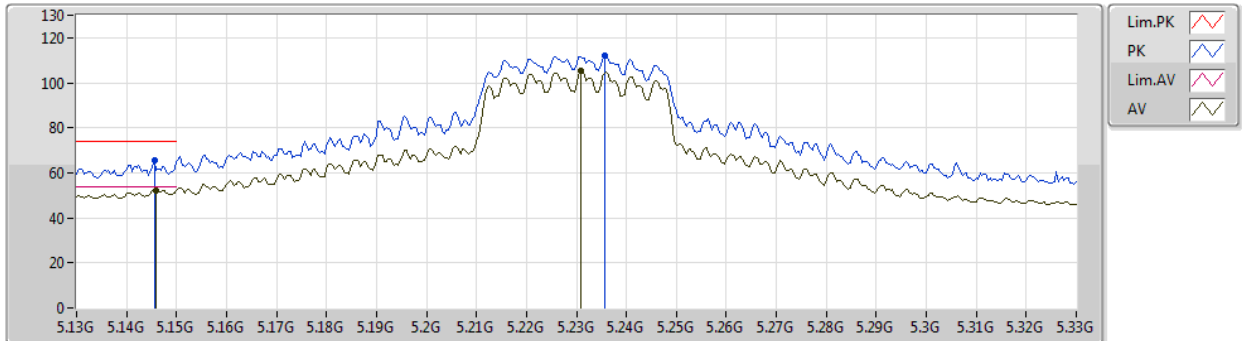


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.3809G     | 60.31             | 68.20             | -7.89          | 19.17          | 3           | Horizontal | 158            | 1.47          | -       |  |  |  |  |

# 802.11ac VHT40\_Nss1,(MCS0)\_4TX

## 5230MHz\_TX

02/05/2019

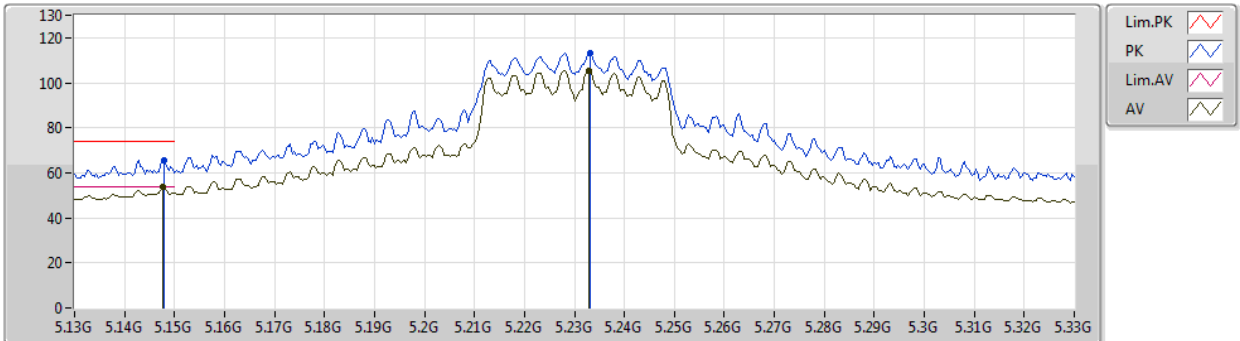


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.146G       | 52.32             | 54.00             | -1.68          | 9.02           | 3           | Vertical  | 101            | 2.24          | -       |  |  |  |  |
| AV   | 5.2308G      | 105.15            | Inf               | -Inf           | 8.90           | 3           | Vertical  | 101            | 2.24          | -       |  |  |  |  |
| PK   | 5.1456G      | 65.63             | 74.00             | -8.37          | 9.02           | 3           | Vertical  | 101            | 2.24          | -       |  |  |  |  |
| PK   | 5.2356G      | 111.99            | Inf               | -Inf           | 8.88           | 3           | Vertical  | 101            | 2.24          | -       |  |  |  |  |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5230MHz\_TX

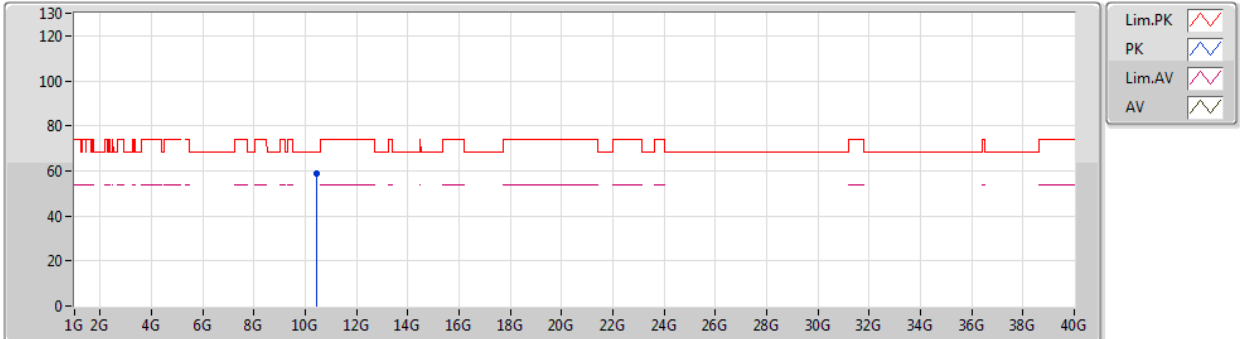


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.1476G      | 53.81             | 54.00             | -0.19          | 9.01           | 3           | Horizontal | 131            | 1.74          | -       |
| AV   | 5.2328G      | 105.32            | Inf               | -Inf           | 8.89           | 3           | Horizontal | 131            | 1.74          | -       |
| PK   | 5.148G       | 65.68             | 74.00             | -8.32          | 9.01           | 3           | Horizontal | 131            | 1.74          | -       |
| PK   | 5.2332G      | 113.46            | Inf               | -Inf           | 8.89           | 3           | Horizontal | 131            | 1.74          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5230MHz\_TX

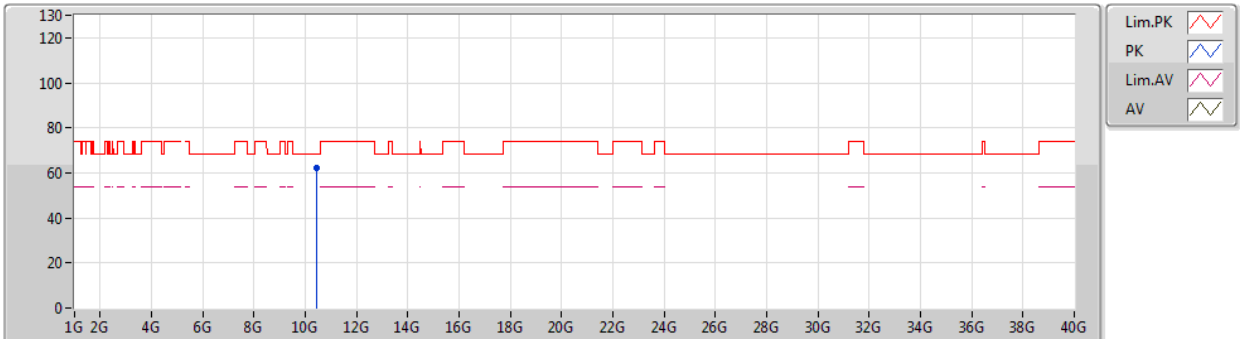


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.45988G    | 58.58             | 68.20             | -9.62          | 19.30          | 3           | Vertical  | 360            | 1.83          | -       |  |  |  |  |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5230MHz\_TX

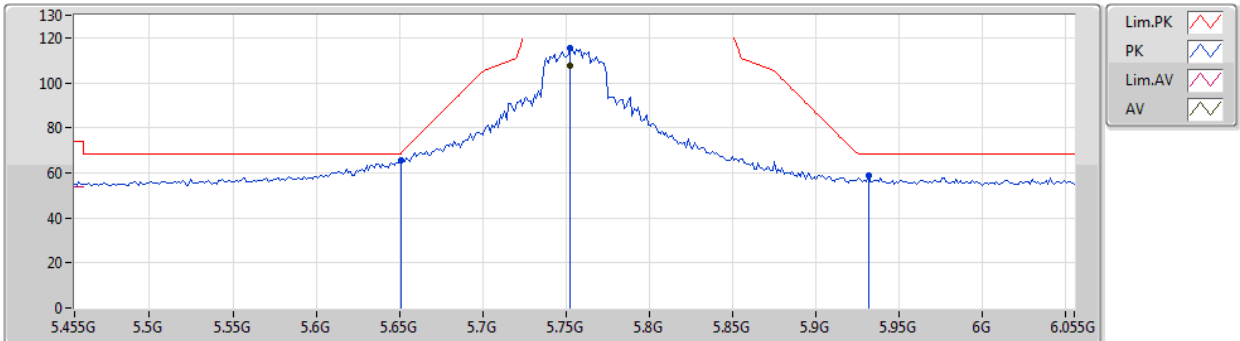


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.46012G    | 62.20             | 68.20             | -6.00          | 19.30          | 3           | Horizontal | 332            | 2.93          | -       |  |  |  |  |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5755MHz\_TX

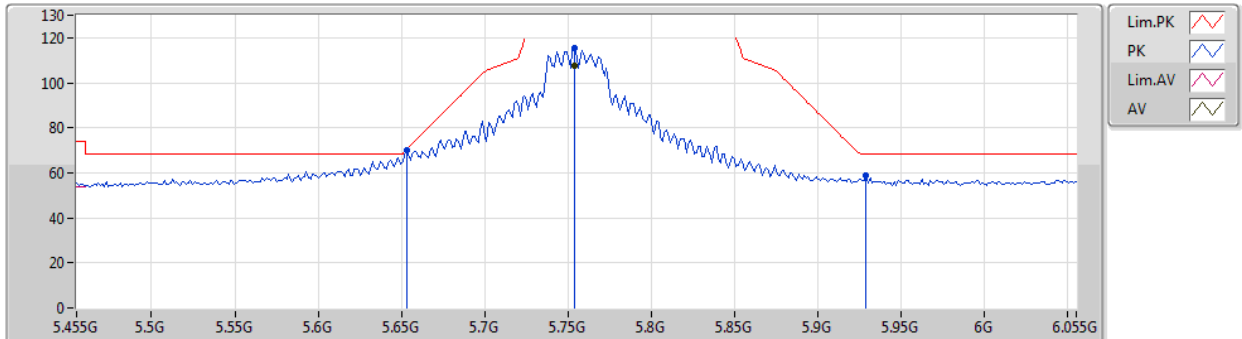


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7526G      | 107.39            | Inf               | -Inf           | 9.54           | 3           | Vertical  | 98             | 2.09          | -       |
| PK   | 5.6506G      | 65.77             | 68.64             | -2.87          | 9.37           | 3           | Vertical  | 98             | 2.09          | -       |
| PK   | 5.7526G      | 115.49            | Inf               | -Inf           | 9.54           | 3           | Vertical  | 98             | 2.09          | -       |
| PK   | 5.9314G      | 58.59             | 68.20             | -9.61          | 10.00          | 3           | Vertical  | 98             | 2.09          | -       |

# 802.11ac VHT40\_Nss1,(MCS0)\_4TX

## 5755MHz\_TX

02/05/2019

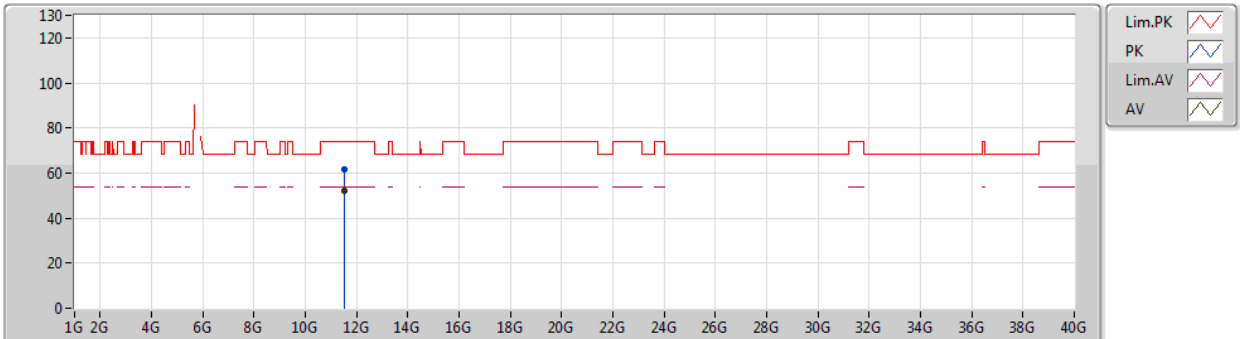


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7538G      | 107.37            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 309            | 1.56          | -       |
| PK   | 5.653G       | 69.77             | 70.42             | -0.65          | 9.37           | 3           | Horizontal | 309            | 1.56          | -       |
| PK   | 5.7538G      | 115.38            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 309            | 1.56          | -       |
| PK   | 5.929G       | 58.70             | 68.20             | -9.50          | 10.00          | 3           | Horizontal | 309            | 1.56          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

## 5755MHz\_TX

02/05/2019

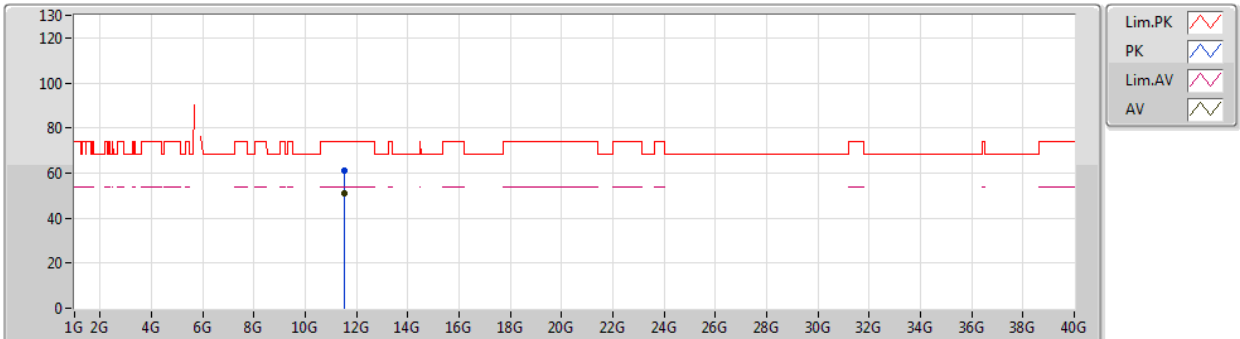


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.50976G    | 52.16             | 54.00             | -1.84          | 19.80          | 3           | Vertical  | 92             | 1.01          | -       |
| PK   | 11.50988G    | 61.78             | 74.00             | -12.22         | 19.80          | 3           | Vertical  | 92             | 1.01          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5755MHz\_TX

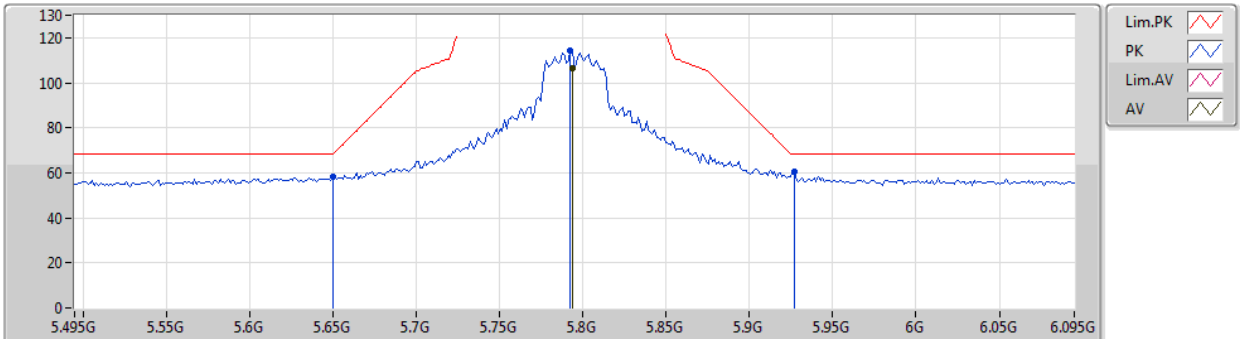


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 11.51G       | 51.22             | 54.00             | -2.78          | 19.79          | 3           | Horizontal | 315            | 1.50          | -       |  |  |  |  |
| PK   | 11.50424G    | 61.06             | 74.00             | -12.94         | 19.79          | 3           | Horizontal | 315            | 1.50          | -       |  |  |  |  |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

## 5795MHz\_TX

02/05/2019

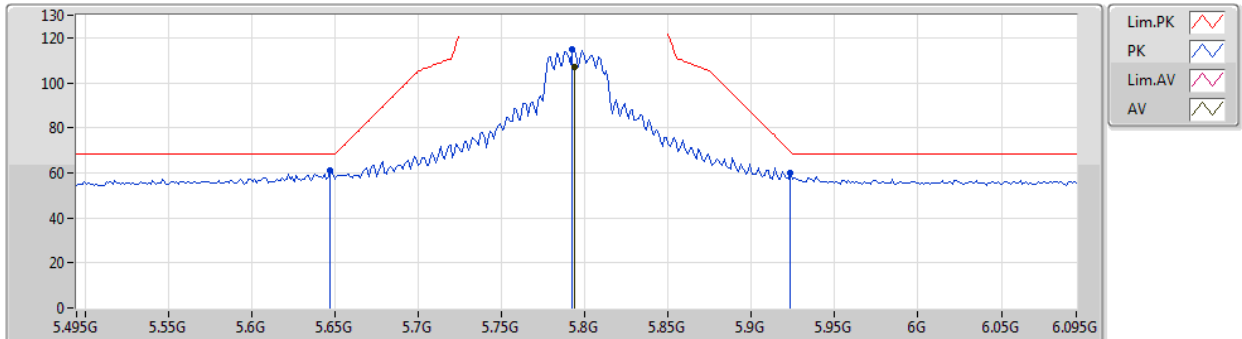


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7938G      | 106.56            | Inf               | -Inf           | 9.62           | 3           | Vertical  | 108            | 1.98          | -       |
| PK   | 5.6498G      | 58.39             | 68.20             | -9.81          | 9.37           | 3           | Vertical  | 108            | 1.98          | -       |
| PK   | 5.7926G      | 114.10            | Inf               | -Inf           | 9.62           | 3           | Vertical  | 108            | 1.98          | -       |
| PK   | 5.927G       | 60.71             | 68.20             | -7.49          | 10.00          | 3           | Vertical  | 108            | 1.98          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5795MHz\_TX

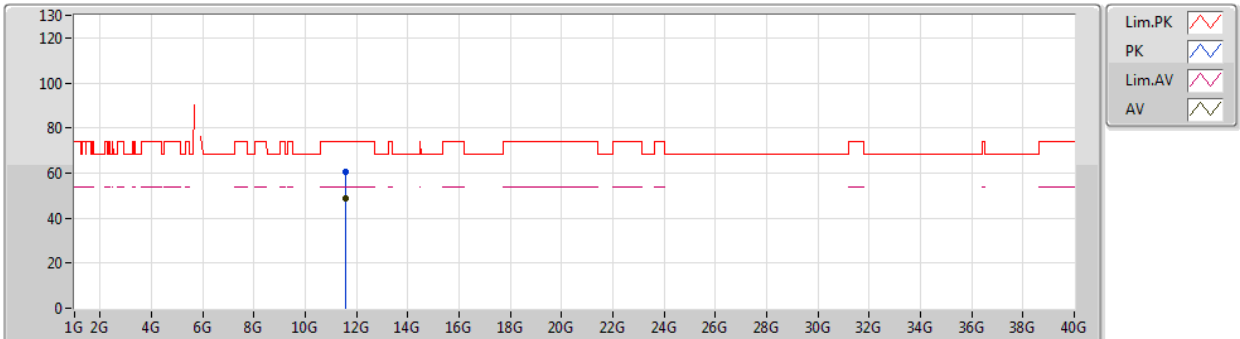


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7938G      | 106.99            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 309            | 1.72          | -       |
| PK   | 5.6474G      | 60.85             | 68.20             | -7.35          | 9.37           | 3           | Horizontal | 309            | 1.72          | -       |
| PK   | 5.7926G      | 114.73            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 309            | 1.72          | -       |
| PK   | 5.9234G      | 59.96             | 69.38             | -9.42          | 9.98           | 3           | Horizontal | 309            | 1.72          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

02/05/2019

## 5795MHz\_TX

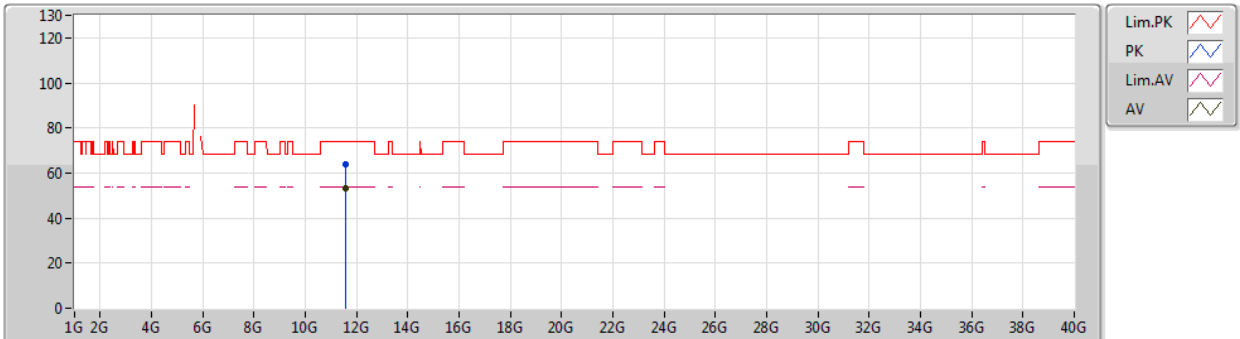


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.58916G    | 48.94             | 54.00             | -5.06          | 19.60          | 3           | Vertical  | 283            | 1.64          | -       |
| PK   | 11.58934G    | 60.48             | 74.00             | -13.52         | 19.60          | 3           | Vertical  | 283            | 1.64          | -       |

## 802.11ac VHT40\_Nss1,(MCS0)\_4TX

## 5795MHz\_TX

02/05/2019

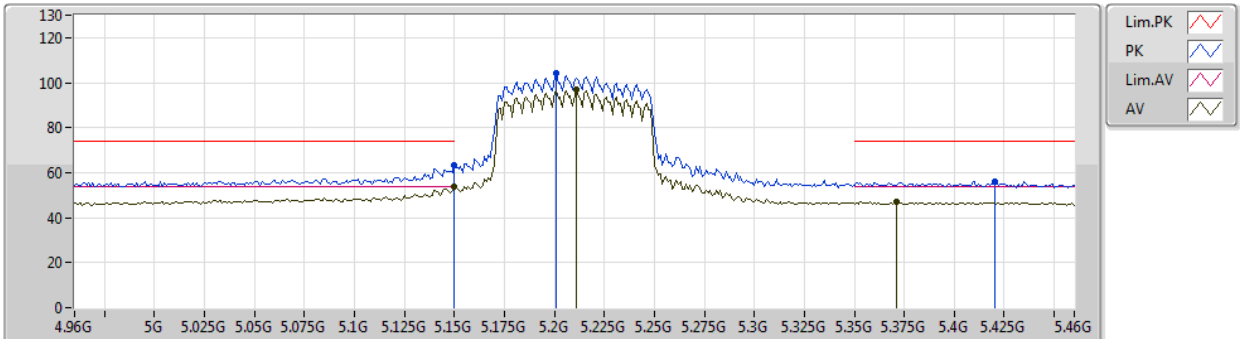


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.58916G    | 53.29             | 54.00             | -0.71          | 19.60          | 3           | Horizontal | 295            | 2.27          | -       |
| PK   | 11.59384G    | 63.81             | 74.00             | -10.19         | 19.59          | 3           | Horizontal | 295            | 2.27          | -       |

## 802.11ac VHT80\_Nss1,(MCS0)\_4TX

02/05/2019

## 5210MHz\_TX

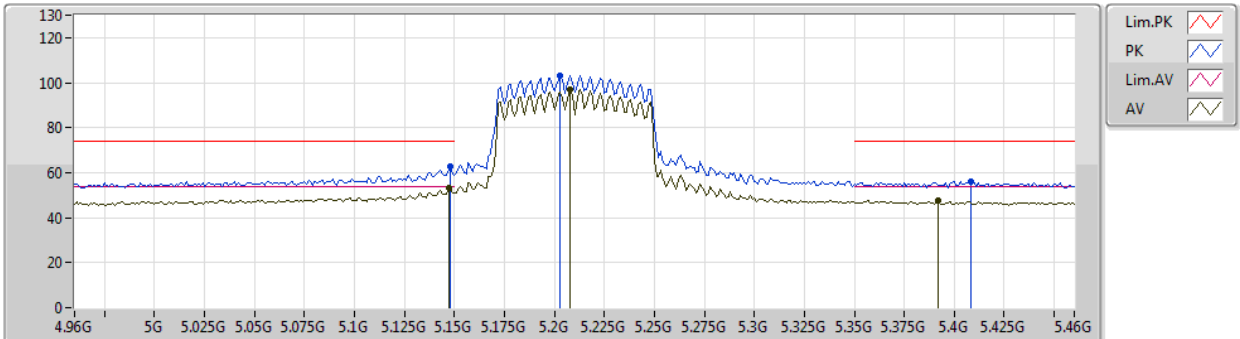


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.15G        | 53.63             | 54.00             | -0.37          | 9.01           | 3           | Vertical  | 87             | 2.35          | -       |  |  |  |  |
| AV   | 5.211G       | 96.79             | Inf               | -Inf           | 8.95           | 3           | Vertical  | 87             | 2.35          | -       |  |  |  |  |
| AV   | 5.371G       | 46.98             | 54.00             | -7.02          | 8.93           | 3           | Vertical  | 87             | 2.35          | -       |  |  |  |  |
| PK   | 5.15G        | 63.26             | 74.00             | -10.74         | 9.01           | 3           | Vertical  | 87             | 2.35          | -       |  |  |  |  |
| PK   | 5.201G       | 104.10            | Inf               | -Inf           | 8.97           | 3           | Vertical  | 87             | 2.35          | -       |  |  |  |  |
| PK   | 5.42G        | 56.29             | 74.00             | -17.71         | 9.11           | 3           | Vertical  | 87             | 2.35          | -       |  |  |  |  |

## 802.11ac VHT80\_Nss1,(MCS0)\_4TX

02/05/2019

## 5210MHz\_TX

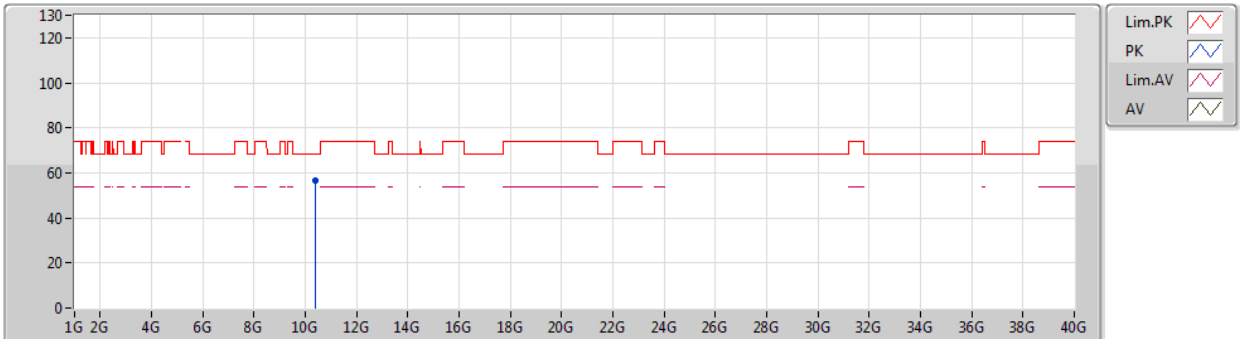


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.147G       | 53.43             | 54.00             | -0.57          | 9.02           | 3           | Horizontal | 128            | 1.78          | -       |  |  |  |  |
| AV   | 5.208G       | 96.71             | Inf               | -Inf           | 8.95           | 3           | Horizontal | 128            | 1.78          | -       |  |  |  |  |
| AV   | 5.392G       | 47.51             | 54.00             | -6.49          | 8.99           | 3           | Horizontal | 128            | 1.78          | -       |  |  |  |  |
| PK   | 5.148G       | 62.62             | 74.00             | -11.38         | 9.01           | 3           | Horizontal | 128            | 1.78          | -       |  |  |  |  |
| PK   | 5.203G       | 103.32            | Inf               | -Inf           | 8.96           | 3           | Horizontal | 128            | 1.78          | -       |  |  |  |  |
| PK   | 5.408G       | 56.05             | 74.00             | -17.95         | 9.05           | 3           | Horizontal | 128            | 1.78          | -       |  |  |  |  |

## 802.11ac VHT80\_Nss1,(MCS0)\_4TX

## 5210MHz\_TX

02/05/2019

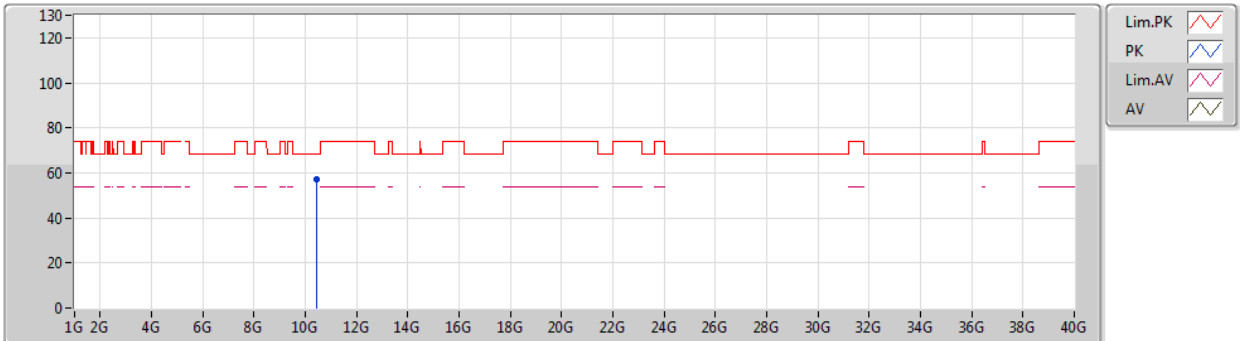


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.40794G    | 56.38             | 68.20             | -11.82         | 19.22          | 3           | Vertical  | 101            | 1.44          | -       |  |  |  |  |

# 802.11ac VHT80\_Nss1,(MCS0)\_4TX

## 5210MHz\_TX

02/05/2019

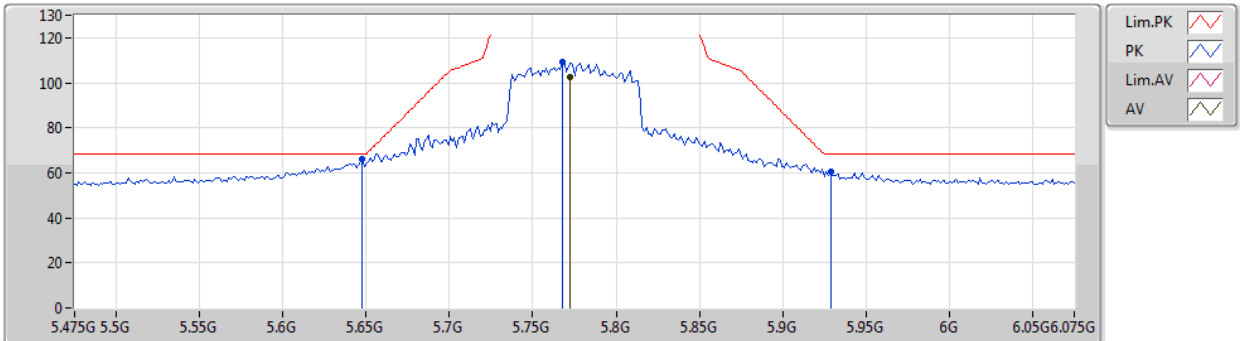


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.432G      | 57.12             | 68.20             | -11.08         | 19.25          | 3           | Horizontal | 157            | 1.50          | -       |  |  |  |  |

## 802.11ac VHT80\_Nss1,(MCS0)\_4TX

02/05/2019

## 5775MHz\_TX

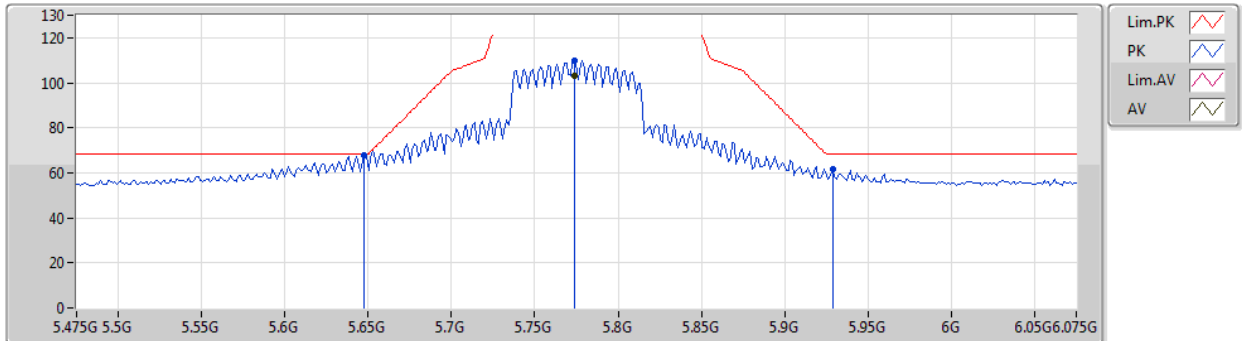


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7726G      | 102.64            | Inf               | -Inf           | 9.58           | 3           | Vertical  | 99             | 2.01          | -       |
| PK   | 5.6478G      | 65.89             | 68.20             | -2.31          | 9.37           | 3           | Vertical  | 99             | 2.01          | -       |
| PK   | 5.7678G      | 109.08            | Inf               | -Inf           | 9.57           | 3           | Vertical  | 99             | 2.01          | -       |
| PK   | 5.9286G      | 60.72             | 68.20             | -7.48          | 10.00          | 3           | Vertical  | 99             | 2.01          | -       |

# 802.11ac VHT80\_Nss1,(MCS0)\_4TX

## 5775MHz\_TX

02/05/2019

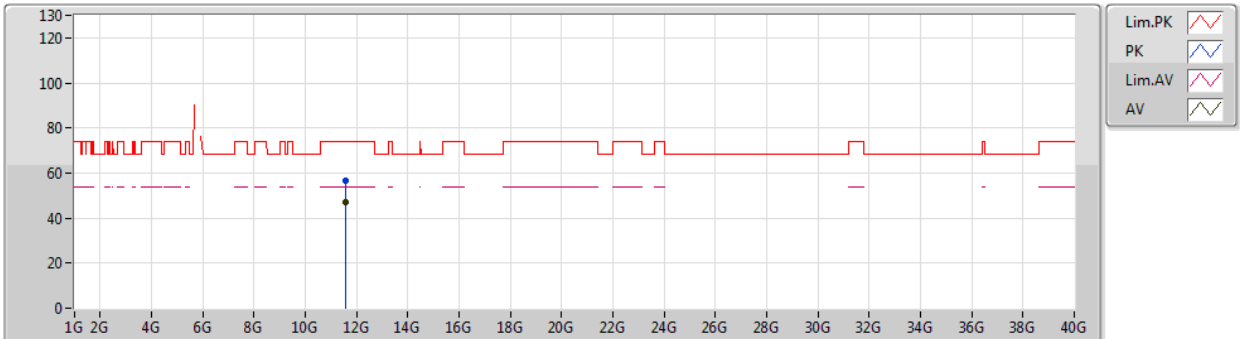


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7738G      | 102.97            | Inf               | -Inf           | 9.58           | 3           | Horizontal | 316            | 1.84          | -       |
| PK   | 5.6478G      | 68.04             | 68.20             | -0.16          | 9.37           | 3           | Horizontal | 316            | 1.84          | -       |
| PK   | 5.7738G      | 109.64            | Inf               | -Inf           | 9.58           | 3           | Horizontal | 316            | 1.84          | -       |
| PK   | 5.9286G      | 61.37             | 68.20             | -6.83          | 10.00          | 3           | Horizontal | 316            | 1.84          | -       |

## 802.11ac VHT80\_Nss1,(MCS0)\_4TX

## 5775MHz\_TX

02/05/2019

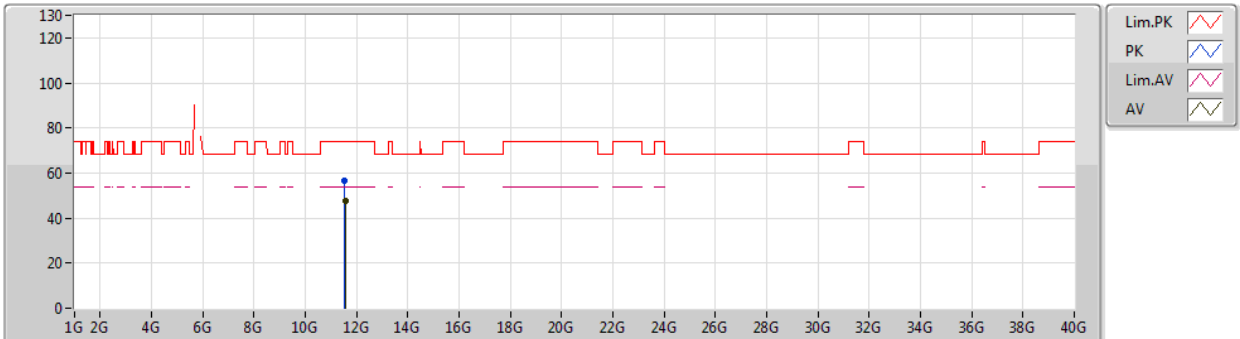


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.56002G    | 47.27             | 54.00             | -6.73          | 19.76          | 3           | Vertical  | 209            | 1.01          | -       |
| PK   | 11.55642G    | 56.63             | 74.00             | -17.37         | 19.76          | 3           | Vertical  | 209            | 1.01          | -       |

## 802.11ac VHT80\_Nss1,(MCS0)\_4TX

02/05/2019

## 5775MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.56428G    | 47.64             | 54.00             | -6.36          | 19.75          | 3           | Horizontal | 321            | 1.50          | -       |
| PK   | 11.53542G    | 56.66             | 74.00             | -17.34         | 19.77          | 3           | Horizontal | 321            | 1.50          | -       |

**Summary**

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.15-5.25GHz                      | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | Pass   | AV   | 5.1496G      | 53.73             | 54.00             | -0.27          | 9.01           | 3           | Vertical   | 104            | 1.78          | -        |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | Pass   | AV   | 5.15G        | 53.68             | 54.00             | -0.32          | 9.01           | 3           | Vertical   | 105            | 2.02          | -        |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | Pass   | AV   | 5.15G        | 53.69             | 54.00             | -0.31          | 9.01           | 3           | Vertical   | 101            | 1.99          | -        |
| 5.725-5.85GHz                     | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | Pass   | AV   | 11.64964G    | 51.19             | 54.00             | -2.81          | 19.69          | 3           | Horizontal | 27             | 1.44          | -        |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | Pass   | PK   | 5.6494G      | 67.65             | 68.20             | -0.55          | 9.37           | 3           | Vertical   | 129            | 1.88          | -        |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | Pass   | PK   | 5.643G       | 67.94             | 68.20             | -0.26          | 9.36           | 3           | Vertical   | 116            | 1.89          | -        |

## Result

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5180MHz                           | Pass   | AV   | 5.1496G      | 53.73             | 54.00             | -0.27          | 9.01           | 3           | Vertical   | 104            | 1.78          | -        |
| 5180MHz                           | Pass   | AV   | 5.1814G      | 101.18            | Inf               | -Inf           | 8.99           | 3           | Vertical   | 104            | 1.78          | -        |
| 5180MHz                           | Pass   | PK   | 5.15G        | 71.14             | 74.00             | -2.86          | 9.01           | 3           | Vertical   | 104            | 1.78          | -        |
| 5180MHz                           | Pass   | PK   | 5.1786G      | 108.77            | Inf               | -Inf           | 8.99           | 3           | Vertical   | 104            | 1.78          | -        |
| 5180MHz                           | Pass   | AV   | 5.15G        | 52.50             | 54.00             | -1.50          | 9.01           | 3           | Horizontal | 96             | 1.96          | -        |
| 5180MHz                           | Pass   | AV   | 5.1786G      | 100.55            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 96             | 1.96          | -        |
| 5180MHz                           | Pass   | PK   | 5.1498G      | 69.19             | 74.00             | -4.81          | 9.01           | 3           | Horizontal | 96             | 1.96          | -        |
| 5180MHz                           | Pass   | PK   | 5.1806G      | 108.50            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 96             | 1.96          | -        |
| 5180MHz                           | Pass   | PK   | 10.35934G    | 58.26             | 68.20             | -9.94          | 19.14          | 3           | Vertical   | 66             | 1.13          | -        |
| 5180MHz                           | Pass   | PK   | 10.35796G    | 62.47             | 68.20             | -5.73          | 19.14          | 3           | Horizontal | 157            | 1.52          | -        |
| 5200MHz                           | Pass   | AV   | 5.15G        | 53.59             | 54.00             | -0.41          | 9.01           | 3           | Vertical   | 81             | 1.90          | -        |
| 5200MHz                           | Pass   | AV   | 5.1988G      | 105.50            | Inf               | -Inf           | 8.97           | 3           | Vertical   | 81             | 1.90          | -        |
| 5200MHz                           | Pass   | PK   | 5.15G        | 68.51             | 74.00             | -5.49          | 9.01           | 3           | Vertical   | 81             | 1.90          | -        |
| 5200MHz                           | Pass   | PK   | 5.1988G      | 113.67            | Inf               | -Inf           | 8.97           | 3           | Vertical   | 81             | 1.90          | -        |
| 5200MHz                           | Pass   | AV   | 5.15G        | 52.39             | 54.00             | -1.61          | 9.01           | 3           | Horizontal | 104            | 1.92          | -        |
| 5200MHz                           | Pass   | AV   | 5.2012G      | 104.63            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 104            | 1.92          | -        |
| 5200MHz                           | Pass   | PK   | 5.15G        | 66.66             | 74.00             | -7.34          | 9.01           | 3           | Horizontal | 104            | 1.92          | -        |
| 5200MHz                           | Pass   | PK   | 5.2012G      | 112.89            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 104            | 1.92          | -        |
| 5200MHz                           | Pass   | PK   | 10.39502G    | 64.01             | 68.20             | -4.19          | 19.19          | 3           | Vertical   | 193            | 1.94          | -        |
| 5200MHz                           | Pass   | PK   | 10.4009G     | 66.93             | 68.20             | -1.27          | 19.20          | 3           | Horizontal | 309            | 2.49          | -        |
| 5240MHz                           | Pass   | AV   | 5.15G        | 46.81             | 54.00             | -7.19          | 9.01           | 3           | Vertical   | 97             | 1.86          | -        |
| 5240MHz                           | Pass   | AV   | 5.2388G      | 106.85            | Inf               | -Inf           | 8.87           | 3           | Vertical   | 97             | 1.86          | -        |
| 5240MHz                           | Pass   | AV   | 5.3552G      | 46.08             | 54.00             | -7.92          | 8.89           | 3           | Vertical   | 97             | 1.86          | -        |
| 5240MHz                           | Pass   | PK   | 5.1494G      | 58.32             | 74.00             | -15.68         | 9.01           | 3           | Vertical   | 97             | 1.86          | -        |
| 5240MHz                           | Pass   | PK   | 5.2388G      | 114.84            | Inf               | -Inf           | 8.87           | 3           | Vertical   | 97             | 1.86          | -        |
| 5240MHz                           | Pass   | PK   | 5.378G       | 57.28             | 74.00             | -16.72         | 8.96           | 3           | Vertical   | 97             | 1.86          | -        |
| 5240MHz                           | Pass   | AV   | 5.15G        | 45.56             | 54.00             | -8.44          | 9.01           | 3           | Horizontal | 120            | 1.01          | -        |
| 5240MHz                           | Pass   | AV   | 5.2388G      | 104.08            | Inf               | -Inf           | 8.87           | 3           | Horizontal | 120            | 1.01          | -        |
| 5240MHz                           | Pass   | AV   | 5.3534G      | 45.15             | 54.00             | -8.85          | 8.89           | 3           | Horizontal | 120            | 1.01          | -        |
| 5240MHz                           | Pass   | PK   | 5.1368G      | 57.01             | 74.00             | -16.99         | 9.03           | 3           | Horizontal | 120            | 1.01          | -        |
| 5240MHz                           | Pass   | PK   | 5.2388G      | 112.19            | Inf               | -Inf           | 8.87           | 3           | Horizontal | 120            | 1.01          | -        |
| 5240MHz                           | Pass   | PK   | 5.366G       | 55.76             | 74.00             | -18.24         | 8.92           | 3           | Horizontal | 120            | 1.01          | -        |
| 5240MHz                           | Pass   | PK   | 10.48342G    | 64.69             | 68.20             | -3.51          | 19.34          | 3           | Vertical   | 73             | 1.14          | -        |
| 5240MHz                           | Pass   | PK   | 10.48048G    | 66.52             | 68.20             | -1.68          | 19.33          | 3           | Horizontal | 158            | 1.45          | -        |
| 5745MHz                           | Pass   | AV   | 5.7438G      | 105.52            | Inf               | -Inf           | 9.52           | 3           | Vertical   | 109            | 1.90          | -        |
| 5745MHz                           | Pass   | PK   | 5.6394G      | 59.10             | 68.20             | -9.10          | 9.36           | 3           | Vertical   | 109            | 1.90          | -        |
| 5745MHz                           | Pass   | PK   | 5.7426G      | 113.64            | Inf               | -Inf           | 9.52           | 3           | Vertical   | 109            | 1.90          | -        |
| 5745MHz                           | Pass   | PK   | 5.9274G      | 56.28             | 68.20             | -11.92         | 10.00          | 3           | Vertical   | 109            | 1.90          | -        |
| 5745MHz                           | Pass   | AV   | 5.7438G      | 105.56            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 133            | 1.93          | -        |
| 5745MHz                           | Pass   | PK   | 5.6214G      | 57.38             | 68.20             | -10.82         | 9.33           | 3           | Horizontal | 133            | 1.93          | -        |
| 5745MHz                           | Pass   | PK   | 5.7462G      | 113.05            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 133            | 1.93          | -        |
| 5745MHz                           | Pass   | PK   | 5.925G       | 56.50             | 68.20             | -11.70         | 10.00          | 3           | Horizontal | 133            | 1.93          | -        |
| 5745MHz                           | Pass   | AV   | 11.48976G    | 47.41             | 54.00             | -6.59          | 19.81          | 3           | Vertical   | 40             | 1.42          | -        |
| 5745MHz                           | Pass   | PK   | 11.48628G    | 60.00             | 74.00             | -14.00         | 19.81          | 3           | Vertical   | 40             | 1.42          | -        |
| 5745MHz                           | Pass   | AV   | 11.48934G    | 48.54             | 54.00             | -5.46          | 19.81          | 3           | Horizontal | 138            | 1.50          | -        |
| 5745MHz                           | Pass   | PK   | 11.48526G    | 61.51             | 74.00             | -12.49         | 19.81          | 3           | Horizontal | 138            | 1.50          | -        |
| 5785MHz                           | Pass   | AV   | 5.7862G      | 105.20            | Inf               | -Inf           | 9.60           | 3           | Vertical   | 102            | 1.93          | -        |

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5785MHz                           | Pass   | PK   | 5.6434G      | 57.74             | 68.20             | -10.46         | 9.36           | 3           | Vertical   | 102            | 1.93          | -        |
| 5785MHz                           | Pass   | PK   | 5.7838G      | 113.27            | Inf               | -Inf           | 9.60           | 3           | Vertical   | 102            | 1.93          | -        |
| 5785MHz                           | Pass   | PK   | 5.9278G      | 56.66             | 68.20             | -11.54         | 10.00          | 3           | Vertical   | 102            | 1.93          | -        |
| 5785MHz                           | Pass   | AV   | 5.7862G      | 105.59            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 135            | 1.71          | -        |
| 5785MHz                           | Pass   | PK   | 5.6158G      | 57.12             | 68.20             | -11.08         | 9.34           | 3           | Horizontal | 135            | 1.71          | -        |
| 5785MHz                           | Pass   | PK   | 5.7862G      | 113.46            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 135            | 1.71          | -        |
| 5785MHz                           | Pass   | PK   | 5.9302G      | 57.22             | 68.20             | -10.98         | 10.00          | 3           | Horizontal | 135            | 1.71          | -        |
| 5785MHz                           | Pass   | AV   | 11.57012G    | 47.88             | 54.00             | -6.12          | 19.74          | 3           | Vertical   | 85             | 1.79          | -        |
| 5785MHz                           | Pass   | PK   | 11.56484G    | 60.46             | 74.00             | -13.54         | 19.75          | 3           | Vertical   | 85             | 1.79          | -        |
| 5785MHz                           | Pass   | AV   | 11.57012G    | 50.85             | 54.00             | -3.15          | 19.74          | 3           | Horizontal | 24             | 1.40          | -        |
| 5785MHz                           | Pass   | PK   | 11.5706G     | 64.23             | 74.00             | -9.77          | 19.74          | 3           | Horizontal | 24             | 1.40          | -        |
| 5825MHz                           | Pass   | AV   | 5.8238G      | 105.74            | Inf               | -Inf           | 9.71           | 3           | Vertical   | 120            | 1.94          | -        |
| 5825MHz                           | Pass   | PK   | 5.639G       | 56.30             | 68.20             | -11.90         | 9.36           | 3           | Vertical   | 120            | 1.94          | -        |
| 5825MHz                           | Pass   | PK   | 5.8238G      | 113.92            | Inf               | -Inf           | 9.71           | 3           | Vertical   | 120            | 1.94          | -        |
| 5825MHz                           | Pass   | PK   | 5.9306G      | 57.86             | 68.20             | -10.34         | 10.00          | 3           | Vertical   | 120            | 1.94          | -        |
| 5825MHz                           | Pass   | AV   | 5.8238G      | 106.13            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 142            | 1.82          | -        |
| 5825MHz                           | Pass   | PK   | 5.5946G      | 55.61             | 68.20             | -12.59         | 9.32           | 3           | Horizontal | 142            | 1.82          | -        |
| 5825MHz                           | Pass   | PK   | 5.825G       | 114.01            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 142            | 1.82          | -        |
| 5825MHz                           | Pass   | PK   | 5.9246G      | 58.56             | 68.50             | -9.94          | 9.98           | 3           | Horizontal | 142            | 1.82          | -        |
| 5825MHz                           | Pass   | AV   | 11.64994G    | 49.34             | 54.00             | -4.66          | 19.69          | 3           | Vertical   | 116            | 1.89          | -        |
| 5825MHz                           | Pass   | PK   | 11.65072G    | 62.14             | 74.00             | -11.86         | 19.68          | 3           | Vertical   | 116            | 1.89          | -        |
| 5825MHz                           | Pass   | AV   | 11.64964G    | 51.19             | 54.00             | -2.81          | 19.69          | 3           | Horizontal | 27             | 1.44          | -        |
| 5825MHz                           | Pass   | PK   | 11.65072G    | 64.24             | 74.00             | -9.76          | 19.68          | 3           | Horizontal | 27             | 1.44          | -        |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5190MHz                           | Pass   | AV   | 5.15G        | 53.68             | 54.00             | -0.32          | 9.01           | 3           | Vertical   | 105            | 2.02          | -        |
| 5190MHz                           | Pass   | AV   | 5.1884G      | 98.90             | Inf               | -Inf           | 8.98           | 3           | Vertical   | 105            | 2.02          | -        |
| 5190MHz                           | Pass   | PK   | 5.1496G      | 71.72             | 74.00             | -2.28          | 9.01           | 3           | Vertical   | 105            | 2.02          | -        |
| 5190MHz                           | Pass   | PK   | 5.1844G      | 107.34            | Inf               | -Inf           | 8.98           | 3           | Vertical   | 105            | 2.02          | -        |
| 5190MHz                           | Pass   | AV   | 5.15G        | 50.74             | 54.00             | -3.26          | 9.01           | 3           | Horizontal | 134            | 1.47          | -        |
| 5190MHz                           | Pass   | AV   | 5.1884G      | 95.47             | Inf               | -Inf           | 8.98           | 3           | Horizontal | 134            | 1.47          | -        |
| 5190MHz                           | Pass   | PK   | 5.15G        | 69.41             | 74.00             | -4.59          | 9.01           | 3           | Horizontal | 134            | 1.47          | -        |
| 5190MHz                           | Pass   | PK   | 5.1844G      | 103.49            | Inf               | -Inf           | 8.98           | 3           | Horizontal | 134            | 1.47          | -        |
| 5190MHz                           | Pass   | PK   | 10.382G      | 58.46             | 68.20             | -9.74          | 19.17          | 3           | Vertical   | 224            | 1.26          | -        |
| 5190MHz                           | Pass   | PK   | 10.383G      | 61.66             | 68.20             | -6.54          | 19.17          | 3           | Horizontal | 157            | 1.43          | -        |
| 5230MHz                           | Pass   | AV   | 5.1496G      | 53.54             | 54.00             | -0.46          | 9.01           | 3           | Vertical   | 106            | 1.89          | -        |
| 5230MHz                           | Pass   | AV   | 5.2312G      | 103.22            | Inf               | -Inf           | 8.90           | 3           | Vertical   | 106            | 1.89          | -        |
| 5230MHz                           | Pass   | AV   | 5.3506G      | 47.38             | 54.00             | -6.62          | 8.88           | 3           | Vertical   | 106            | 1.89          | -        |
| 5230MHz                           | Pass   | PK   | 5.1484G      | 66.29             | 74.00             | -7.71          | 9.01           | 3           | Vertical   | 106            | 1.89          | -        |
| 5230MHz                           | Pass   | PK   | 5.2282G      | 110.78            | Inf               | -Inf           | 8.90           | 3           | Vertical   | 106            | 1.89          | -        |
| 5230MHz                           | Pass   | PK   | 5.3524G      | 61.31             | 74.00             | -12.69         | 8.88           | 3           | Vertical   | 106            | 1.89          | -        |
| 5230MHz                           | Pass   | AV   | 5.15G        | 47.99             | 54.00             | -6.01          | 9.01           | 3           | Horizontal | 134            | 1.54          | -        |
| 5230MHz                           | Pass   | AV   | 5.2312G      | 99.76             | Inf               | -Inf           | 8.90           | 3           | Horizontal | 134            | 1.54          | -        |
| 5230MHz                           | Pass   | AV   | 5.3542G      | 45.74             | 54.00             | -8.26          | 8.89           | 3           | Horizontal | 134            | 1.54          | -        |
| 5230MHz                           | Pass   | PK   | 5.146G       | 60.05             | 74.00             | -13.95         | 9.02           | 3           | Horizontal | 134            | 1.54          | -        |
| 5230MHz                           | Pass   | PK   | 5.2354G      | 107.55            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 134            | 1.54          | -        |
| 5230MHz                           | Pass   | PK   | 5.3554G      | 58.08             | 74.00             | -15.92         | 8.89           | 3           | Horizontal | 134            | 1.54          | -        |
| 5230MHz                           | Pass   | PK   | 10.4596G     | 59.58             | 68.20             | -8.62          | 19.30          | 3           | Vertical   | 167            | 2.49          | -        |
| 5230MHz                           | Pass   | PK   | 10.4606G     | 62.99             | 68.20             | -5.21          | 19.30          | 3           | Horizontal | 158            | 1.43          | -        |
| 5755MHz                           | Pass   | AV   | 5.7538G      | 103.63            | Inf               | -Inf           | 9.54           | 3           | Vertical   | 129            | 1.88          | -        |

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5755MHz                           | Pass   | PK   | 5.6494G      | 67.65             | 68.20             | -0.55          | 9.37           | 3           | Vertical   | 129            | 1.88          | -        |
| 5755MHz                           | Pass   | PK   | 5.7502G      | 111.86            | Inf               | -Inf           | 9.53           | 3           | Vertical   | 129            | 1.88          | -        |
| 5755MHz                           | Pass   | PK   | 5.9254G      | 58.62             | 68.20             | -9.58          | 10.00          | 3           | Vertical   | 129            | 1.88          | -        |
| 5755MHz                           | Pass   | AV   | 5.7538G      | 103.53            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 143            | 1.75          | -        |
| 5755MHz                           | Pass   | PK   | 5.6482G      | 66.46             | 68.20             | -1.74          | 9.37           | 3           | Horizontal | 143            | 1.75          | -        |
| 5755MHz                           | Pass   | PK   | 5.7538G      | 111.62            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 143            | 1.75          | -        |
| 5755MHz                           | Pass   | PK   | 5.9242G      | 59.61             | 68.79             | -9.18          | 9.98           | 3           | Horizontal | 143            | 1.75          | -        |
| 5755MHz                           | Pass   | AV   | 11.5098G     | 47.47             | 54.00             | -6.53          | 19.80          | 3           | Vertical   | 89             | 1.92          | -        |
| 5755MHz                           | Pass   | PK   | 11.5108G     | 59.56             | 74.00             | -14.44         | 19.79          | 3           | Vertical   | 89             | 1.92          | -        |
| 5755MHz                           | Pass   | AV   | 11.51G       | 50.96             | 54.00             | -3.04          | 19.79          | 3           | Horizontal | 30             | 1.44          | -        |
| 5755MHz                           | Pass   | PK   | 11.5095G     | 62.64             | 74.00             | -11.36         | 19.80          | 3           | Horizontal | 30             | 1.44          | -        |
| 5795MHz                           | Pass   | AV   | 5.7938G      | 103.12            | Inf               | -Inf           | 9.62           | 3           | Vertical   | 115            | 1.87          | -        |
| 5795MHz                           | Pass   | PK   | 5.6498G      | 61.50             | 68.20             | -6.70          | 9.37           | 3           | Vertical   | 115            | 1.87          | -        |
| 5795MHz                           | Pass   | PK   | 5.7938G      | 111.30            | Inf               | -Inf           | 9.62           | 3           | Vertical   | 115            | 1.87          | -        |
| 5795MHz                           | Pass   | PK   | 5.9294G      | 61.85             | 68.20             | -6.35          | 10.00          | 3           | Vertical   | 115            | 1.87          | -        |
| 5795MHz                           | Pass   | AV   | 5.7926G      | 103.48            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 142            | 1.86          | -        |
| 5795MHz                           | Pass   | PK   | 5.6498G      | 59.70             | 68.20             | -8.50          | 9.37           | 3           | Horizontal | 142            | 1.86          | -        |
| 5795MHz                           | Pass   | PK   | 5.7938G      | 111.66            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 142            | 1.86          | -        |
| 5795MHz                           | Pass   | PK   | 5.9378G      | 62.65             | 68.20             | -5.55          | 10.02          | 3           | Horizontal | 142            | 1.86          | -        |
| 5795MHz                           | Pass   | AV   | 11.5898G     | 47.28             | 54.00             | -6.72          | 19.73          | 3           | Vertical   | 132            | 1.62          | -        |
| 5795MHz                           | Pass   | PK   | 11.5911G     | 59.38             | 74.00             | -14.62         | 19.72          | 3           | Vertical   | 132            | 1.62          | -        |
| 5795MHz                           | Pass   | AV   | 11.59G       | 50.76             | 54.00             | -3.24          | 19.72          | 3           | Horizontal | 32             | 1.40          | -        |
| 5795MHz                           | Pass   | PK   | 11.591G      | 62.98             | 74.00             | -11.02         | 19.72          | 3           | Horizontal | 32             | 1.40          | -        |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5210MHz                           | Pass   | AV   | 5.15G        | 53.69             | 54.00             | -0.31          | 9.01           | 3           | Vertical   | 101            | 1.99          | -        |
| 5210MHz                           | Pass   | AV   | 5.211G       | 93.39             | Inf               | -Inf           | 8.95           | 3           | Vertical   | 101            | 1.99          | -        |
| 5210MHz                           | Pass   | AV   | 5.355G       | 45.40             | 54.00             | -8.60          | 8.89           | 3           | Vertical   | 101            | 1.99          | -        |
| 5210MHz                           | Pass   | PK   | 5.142G       | 64.53             | 74.00             | -9.47          | 9.02           | 3           | Vertical   | 101            | 1.99          | -        |
| 5210MHz                           | Pass   | PK   | 5.203G       | 101.85            | Inf               | -Inf           | 8.96           | 3           | Vertical   | 101            | 1.99          | -        |
| 5210MHz                           | Pass   | PK   | 5.38G        | 56.23             | 74.00             | -17.77         | 8.97           | 3           | Vertical   | 101            | 1.99          | -        |
| 5210MHz                           | Pass   | AV   | 5.15G        | 52.00             | 54.00             | -2.00          | 9.01           | 3           | Horizontal | 119            | 1.17          | -        |
| 5210MHz                           | Pass   | AV   | 5.208G       | 90.46             | Inf               | -Inf           | 8.95           | 3           | Horizontal | 119            | 1.17          | -        |
| 5210MHz                           | Pass   | AV   | 5.451G       | 44.95             | 54.00             | -9.05          | 9.25           | 3           | Horizontal | 119            | 1.17          | -        |
| 5210MHz                           | Pass   | PK   | 5.145G       | 62.85             | 74.00             | -11.15         | 9.01           | 3           | Horizontal | 119            | 1.17          | -        |
| 5210MHz                           | Pass   | PK   | 5.203G       | 99.38             | Inf               | -Inf           | 8.96           | 3           | Horizontal | 119            | 1.17          | -        |
| 5210MHz                           | Pass   | PK   | 5.367G       | 56.36             | 74.00             | -17.64         | 8.92           | 3           | Horizontal | 119            | 1.17          | -        |
| 5210MHz                           | Pass   | PK   | 10.42191G    | 56.84             | 68.20             | -11.36         | 19.23          | 3           | Vertical   | 126            | 1.47          | -        |
| 5210MHz                           | Pass   | PK   | 10.42035G    | 58.32             | 68.20             | -9.88          | 19.23          | 3           | Horizontal | 69             | 1.74          | -        |
| 5775MHz                           | Pass   | AV   | 5.7738G      | 96.89             | Inf               | -Inf           | 9.58           | 3           | Vertical   | 116            | 1.89          | -        |
| 5775MHz                           | Pass   | PK   | 5.643G       | 67.94             | 68.20             | -0.26          | 9.36           | 3           | Vertical   | 116            | 1.89          | -        |
| 5775MHz                           | Pass   | PK   | 5.7678G      | 105.26            | Inf               | -Inf           | 9.57           | 3           | Vertical   | 116            | 1.89          | -        |
| 5775MHz                           | Pass   | PK   | 5.925G       | 63.59             | 68.20             | -4.61          | 10.00          | 3           | Vertical   | 116            | 1.89          | -        |
| 5775MHz                           | Pass   | AV   | 5.7738G      | 97.41             | Inf               | -Inf           | 9.58           | 3           | Horizontal | 142            | 1.84          | -        |
| 5775MHz                           | Pass   | PK   | 5.6502G      | 66.56             | 68.35             | -1.79          | 9.37           | 3           | Horizontal | 142            | 1.84          | -        |
| 5775MHz                           | Pass   | PK   | 5.7726G      | 106.71            | Inf               | -Inf           | 9.58           | 3           | Horizontal | 142            | 1.84          | -        |
| 5775MHz                           | Pass   | PK   | 5.9238G      | 65.04             | 69.09             | -4.05          | 9.98           | 3           | Horizontal | 142            | 1.84          | -        |
| 5775MHz                           | Pass   | AV   | 11.54831G    | 44.57             | 54.00             | -9.43          | 19.77          | 3           | Vertical   | 43             | 1.32          | -        |
| 5775MHz                           | Pass   | PK   | 11.54983G    | 57.01             | 74.00             | -16.99         | 19.77          | 3           | Vertical   | 43             | 1.32          | -        |
| 5775MHz                           | Pass   | AV   | 11.54979G    | 45.65             | 54.00             | -8.35          | 19.77          | 3           | Horizontal | 147            | 2.54          | -        |



## RSE TX above 1GHz Result\_Beamforming

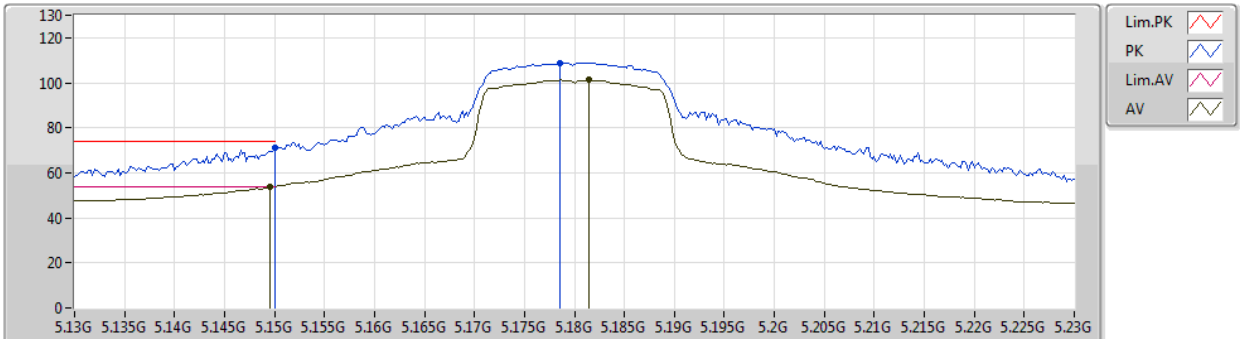
## Appendix E.4

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5775MHz | Pass   | PK   | 11.55187G    | 57.82             | 74.00             | -16.18         | 19.76          | 3           | Horizontal | 147            | 2.54          | -        |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5180MHz\_TX

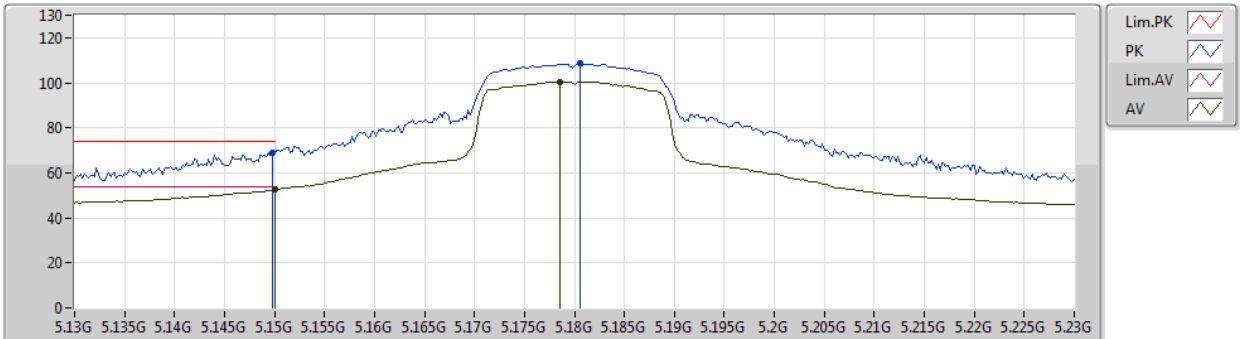


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.1496G      | 53.73             | 54.00             | -0.27          | 9.01           | 3           | Vertical  | 104            | 1.78          | -       |
| AV   | 5.1814G      | 101.18            | Inf               | -Inf           | 8.99           | 3           | Vertical  | 104            | 1.78          | -       |
| PK   | 5.15G        | 71.14             | 74.00             | -2.86          | 9.01           | 3           | Vertical  | 104            | 1.78          | -       |
| PK   | 5.1786G      | 108.77            | Inf               | -Inf           | 8.99           | 3           | Vertical  | 104            | 1.78          | -       |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5180MHz\_TX

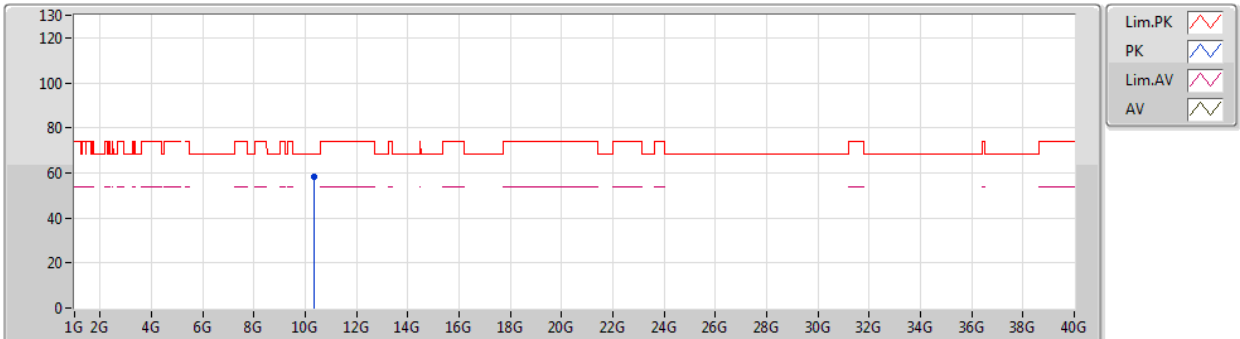


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.15G        | 52.50             | 54.00             | -1.50          | 9.01           | 3           | Horizontal | 96             | 1.96          | -       |
| AV   | 5.1786G      | 100.55            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 96             | 1.96          | -       |
| PK   | 5.1498G      | 69.19             | 74.00             | -4.81          | 9.01           | 3           | Horizontal | 96             | 1.96          | -       |
| PK   | 5.1806G      | 108.50            | Inf               | -Inf           | 8.99           | 3           | Horizontal | 96             | 1.96          | -       |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5180MHz\_TX

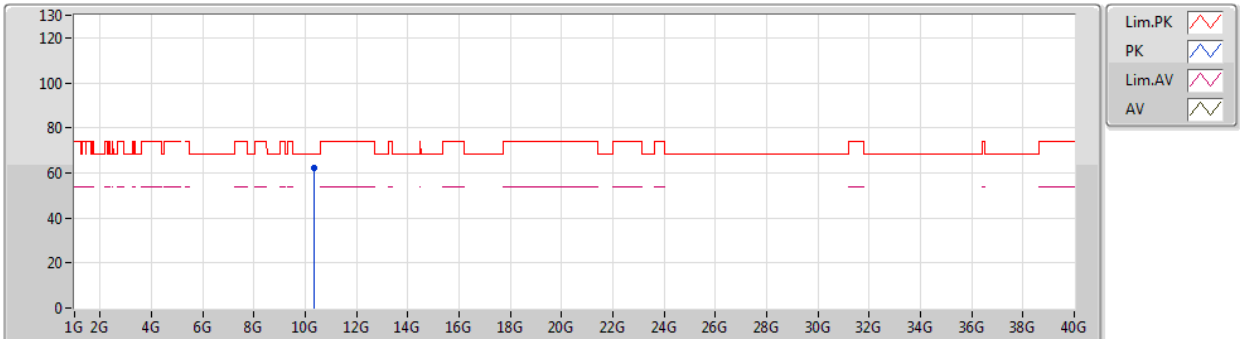


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.35934G    | 58.26             | 68.20             | -9.94          | 19.14          | 3           | Vertical  | 66             | 1.13          | -       |  |  |  |  |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5180MHz\_TX

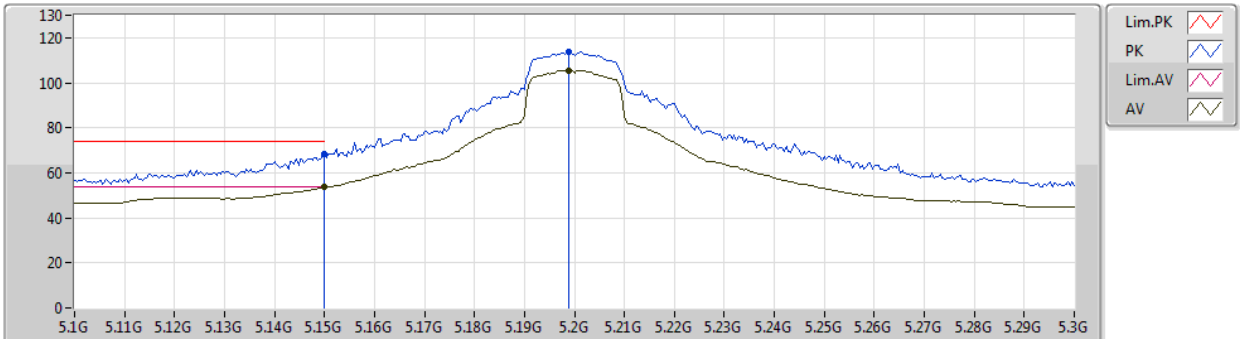


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.35796G    | 62.47             | 68.20             | -5.73          | 19.14          | 3           | Horizontal | 157            | 1.52          | -       |  |  |  |  |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5200MHz\_TX

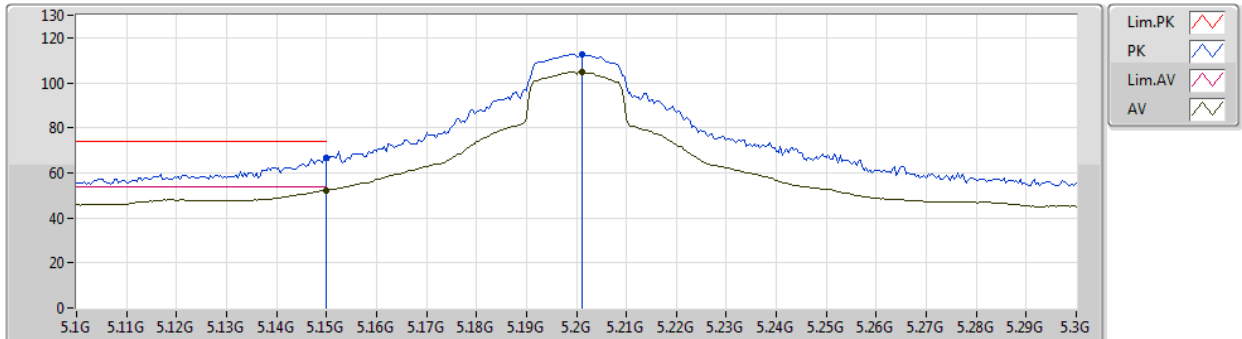


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.15G        | 53.59             | 54.00             | -0.41          | 9.01           | 3           | Vertical  | 81             | 1.90          | -       |
| AV   | 5.1988G      | 105.50            | Inf               | -Inf           | 8.97           | 3           | Vertical  | 81             | 1.90          | -       |
| PK   | 5.15G        | 68.51             | 74.00             | -5.49          | 9.01           | 3           | Vertical  | 81             | 1.90          | -       |
| PK   | 5.1988G      | 113.67            | Inf               | -Inf           | 8.97           | 3           | Vertical  | 81             | 1.90          | -       |

# 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

## 5200MHz\_TX

03/05/2019

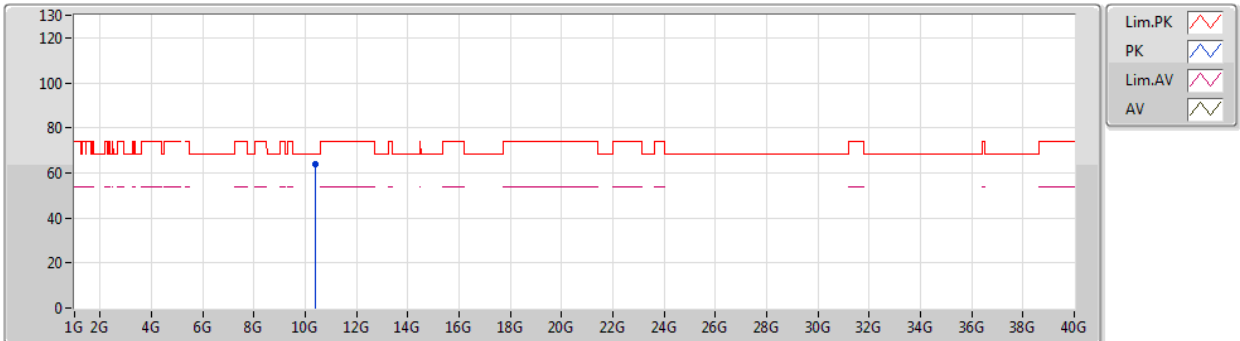


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.15G        | 52.39             | 54.00             | -1.61          | 9.01           | 3           | Horizontal | 104            | 1.92          | -       |  |  |  |  |
| AV   | 5.202G       | 104.63            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 104            | 1.92          | -       |  |  |  |  |
| PK   | 5.15G        | 66.66             | 74.00             | -7.34          | 9.01           | 3           | Horizontal | 104            | 1.92          | -       |  |  |  |  |
| PK   | 5.202G       | 112.89            | Inf               | -Inf           | 8.97           | 3           | Horizontal | 104            | 1.92          | -       |  |  |  |  |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5200MHz\_TX

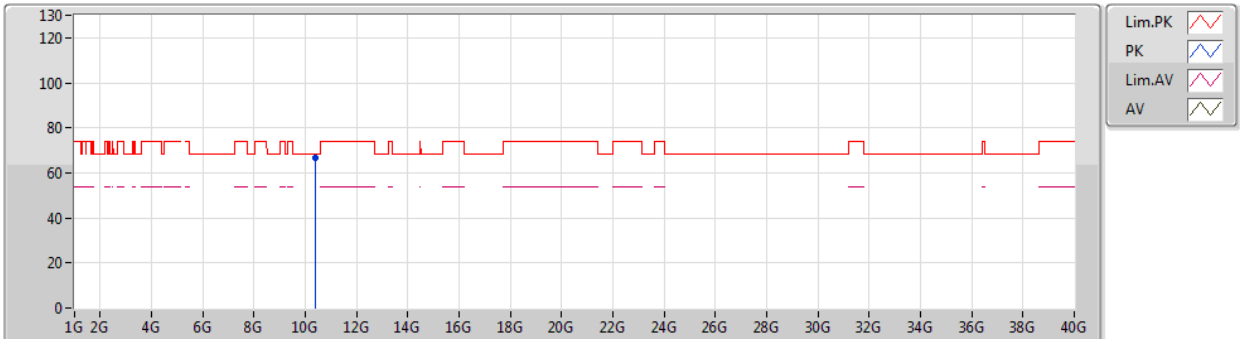


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.39502G    | 64.01             | 68.20             | -4.19          | 19.19          | 3           | Vertical  | 193            | 1.94          | -       |  |  |  |  |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5200MHz\_TX

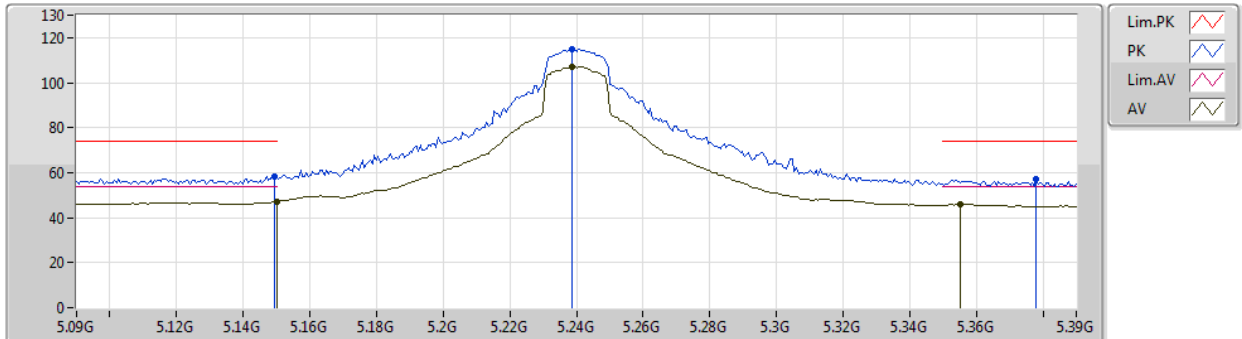


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.4009G     | 66.93             | 68.20             | -1.27          | 19.20          | 3           | Horizontal | 309            | 2.49          | -       |  |  |  |  |

# 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

## 5240MHz\_TX

03/05/2019

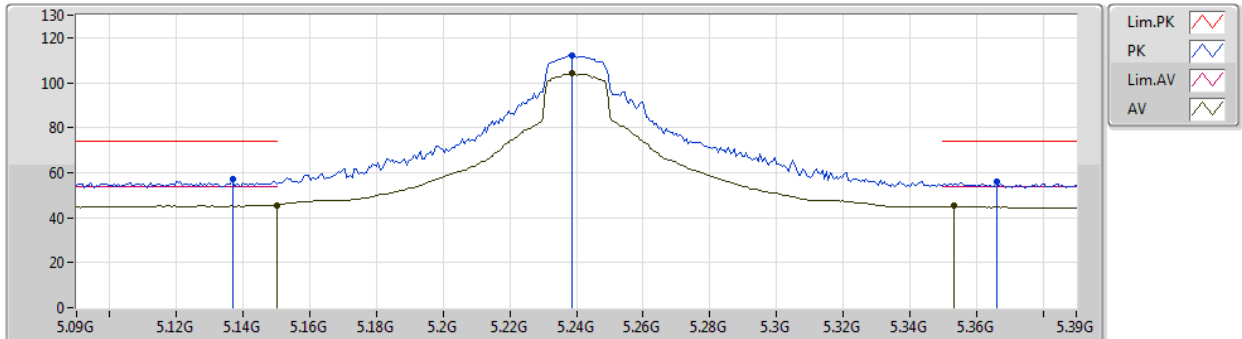


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.15G        | 46.81             | 54.00             | -7.19          | 9.01           | 3           | Vertical  | 97             | 1.86          | -       |
| AV   | 5.2388G      | 106.85            | Inf               | -Inf           | 8.87           | 3           | Vertical  | 97             | 1.86          | -       |
| AV   | 5.3552G      | 46.08             | 54.00             | -7.92          | 8.89           | 3           | Vertical  | 97             | 1.86          | -       |
| PK   | 5.1494G      | 58.32             | 74.00             | -15.68         | 9.01           | 3           | Vertical  | 97             | 1.86          | -       |
| PK   | 5.2388G      | 114.84            | Inf               | -Inf           | 8.87           | 3           | Vertical  | 97             | 1.86          | -       |
| PK   | 5.378G       | 57.28             | 74.00             | -16.72         | 8.96           | 3           | Vertical  | 97             | 1.86          | -       |

# 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

## 5240MHz\_TX

03/05/2019

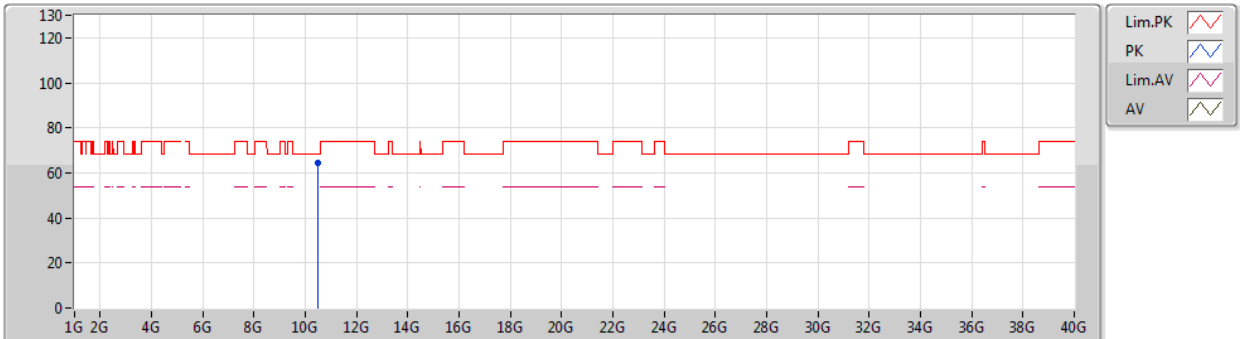


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.15G        | 45.56             | 54.00             | -8.44          | 9.01           | 3           | Horizontal | 120            | 1.01          | -       |
| AV   | 5.2388G      | 104.08            | Inf               | -Inf           | 8.87           | 3           | Horizontal | 120            | 1.01          | -       |
| AV   | 5.3534G      | 45.15             | 54.00             | -8.85          | 8.89           | 3           | Horizontal | 120            | 1.01          | -       |
| PK   | 5.1368G      | 57.01             | 74.00             | -16.99         | 9.03           | 3           | Horizontal | 120            | 1.01          | -       |
| PK   | 5.2388G      | 112.19            | Inf               | -Inf           | 8.87           | 3           | Horizontal | 120            | 1.01          | -       |
| PK   | 5.366G       | 55.76             | 74.00             | -18.24         | 8.92           | 3           | Horizontal | 120            | 1.01          | -       |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5240MHz\_TX

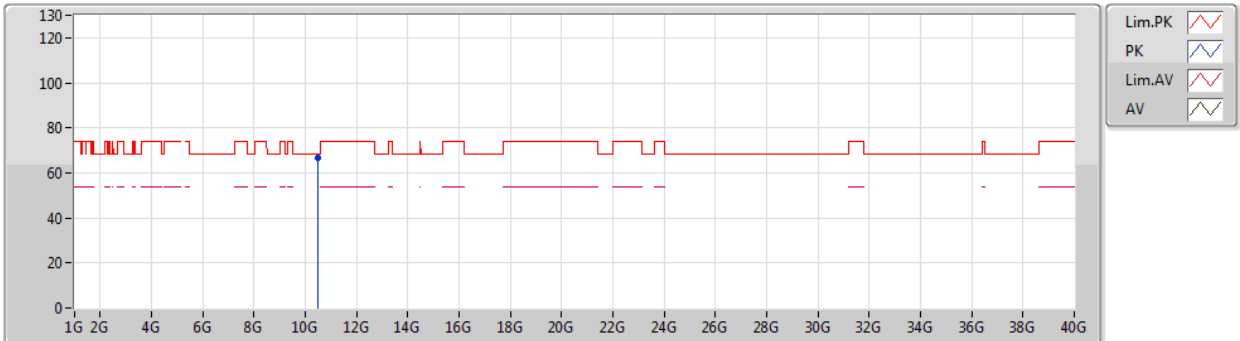


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.48342G    | 64.69             | 68.20             | -3.51          | 19.34          | 3           | Vertical  | 73             | 1.14          | -       |  |  |  |  |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5240MHz\_TX

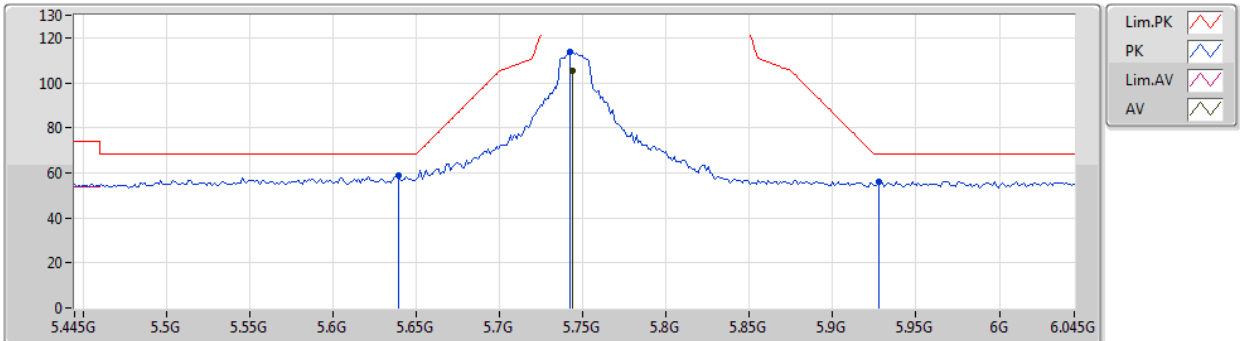


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.48048G    | 66.52             | 68.20             | -1.68          | 19.33          | 3           | Horizontal | 158            | 1.45          | -       |  |  |  |  |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5745MHz\_TX

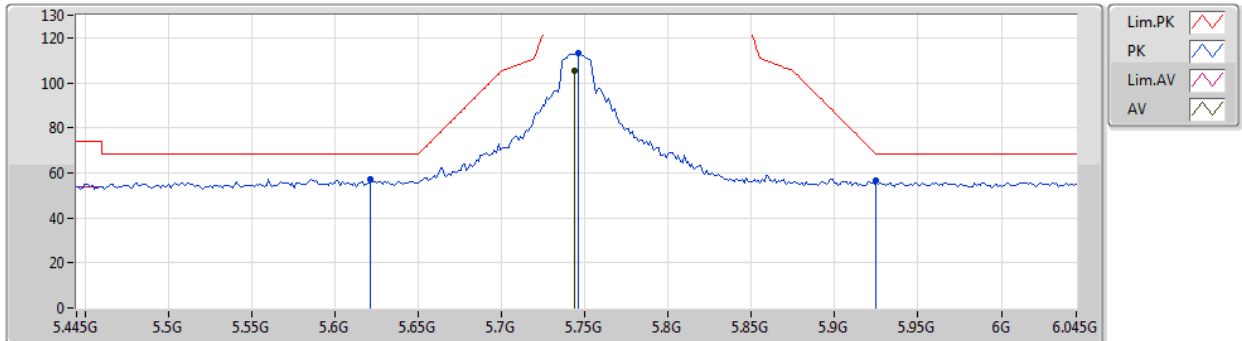


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7438G      | 105.52            | Inf               | -Inf           | 9.52           | 3           | Vertical  | 109            | 1.90          | -       |
| PK   | 5.6394G      | 59.10             | 68.20             | -9.10          | 9.36           | 3           | Vertical  | 109            | 1.90          | -       |
| PK   | 5.7426G      | 113.64            | Inf               | -Inf           | 9.52           | 3           | Vertical  | 109            | 1.90          | -       |
| PK   | 5.9274G      | 56.28             | 68.20             | -11.92         | 10.00          | 3           | Vertical  | 109            | 1.90          | -       |

# 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

## 5745MHz\_TX

03/05/2019

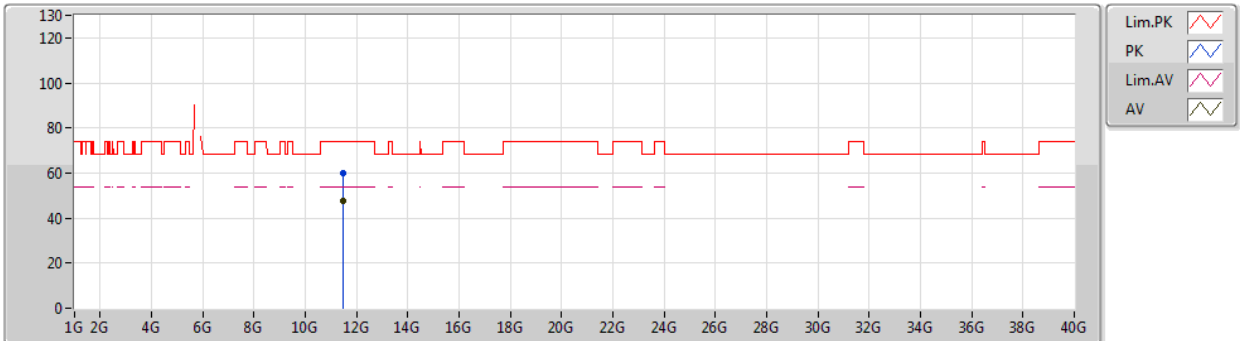


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7438G      | 105.56            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 133            | 1.93          | -       |
| PK   | 5.6214G      | 57.38             | 68.20             | -10.82         | 9.33           | 3           | Horizontal | 133            | 1.93          | -       |
| PK   | 5.7462G      | 113.05            | Inf               | -Inf           | 9.52           | 3           | Horizontal | 133            | 1.93          | -       |
| PK   | 5.925G       | 56.50             | 68.20             | -11.70         | 10.00          | 3           | Horizontal | 133            | 1.93          | -       |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5745MHz\_TX

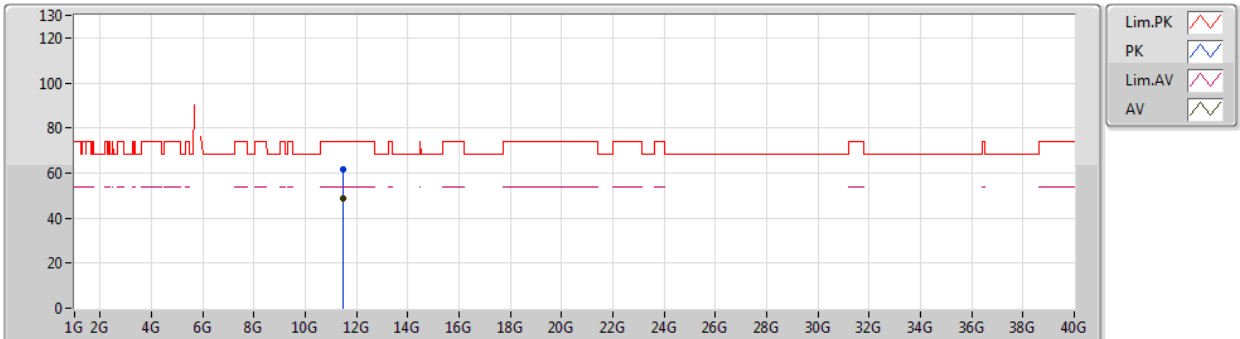


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.48976G    | 47.41             | 54.00             | -6.59          | 19.81          | 3           | Vertical  | 40             | 1.42          | -       |
| PK   | 11.48628G    | 60.00             | 74.00             | -14.00         | 19.81          | 3           | Vertical  | 40             | 1.42          | -       |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5745MHz\_TX

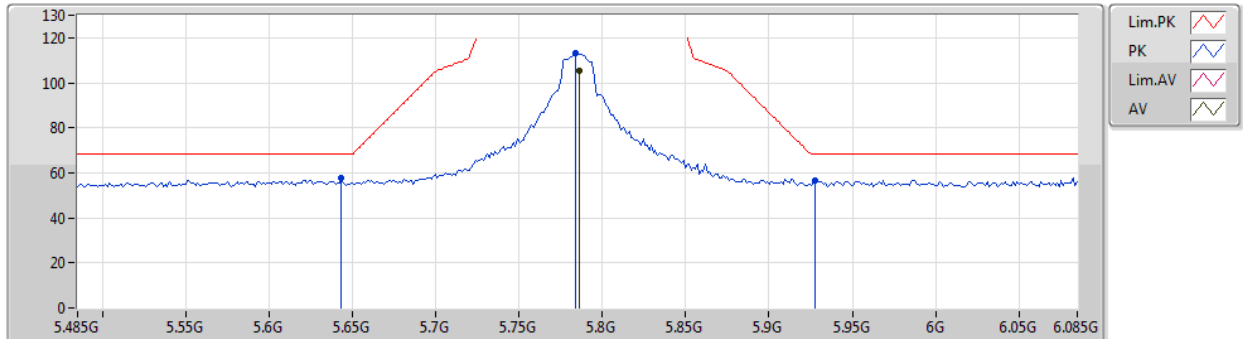


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.48934G    | 48.54             | 54.00             | -5.46          | 19.81          | 3           | Horizontal | 138            | 1.50          | -       |
| PK   | 11.48526G    | 61.51             | 74.00             | -12.49         | 19.81          | 3           | Horizontal | 138            | 1.50          | -       |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5785MHz\_TX

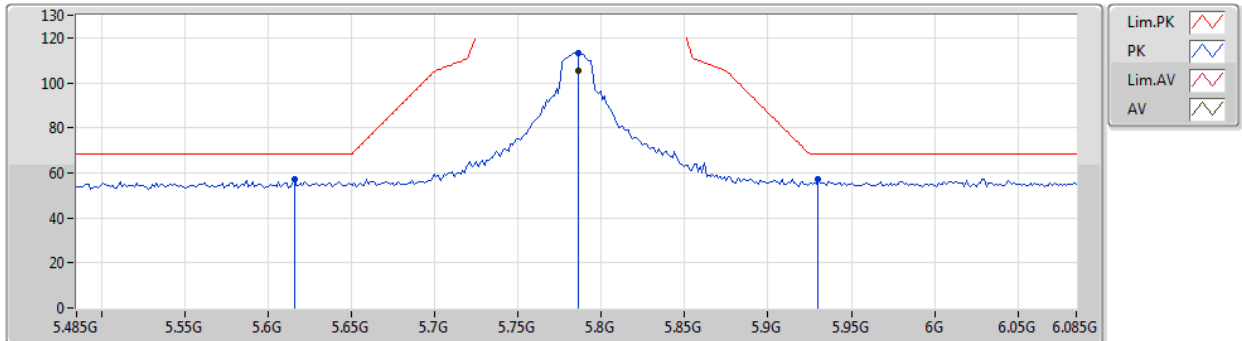


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7862G      | 105.20            | Inf               | -Inf           | 9.60           | 3           | Vertical  | 102            | 1.93          | -       |
| PK   | 5.6434G      | 57.74             | 68.20             | -10.46         | 9.36           | 3           | Vertical  | 102            | 1.93          | -       |
| PK   | 5.7838G      | 113.27            | Inf               | -Inf           | 9.60           | 3           | Vertical  | 102            | 1.93          | -       |
| PK   | 5.9278G      | 56.66             | 68.20             | -11.54         | 10.00          | 3           | Vertical  | 102            | 1.93          | -       |

# 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5785MHz\_TX

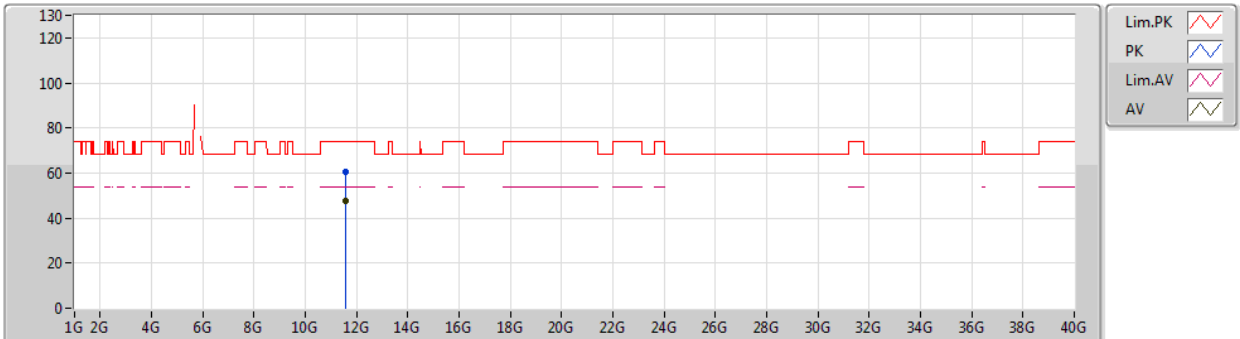


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7862G      | 105.59            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 135            | 1.71          | -       |
| PK   | 5.6158G      | 57.12             | 68.20             | -11.08         | 9.34           | 3           | Horizontal | 135            | 1.71          | -       |
| PK   | 5.7862G      | 113.46            | Inf               | -Inf           | 9.60           | 3           | Horizontal | 135            | 1.71          | -       |
| PK   | 5.9302G      | 57.22             | 68.20             | -10.98         | 10.00          | 3           | Horizontal | 135            | 1.71          | -       |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5785MHz\_TX

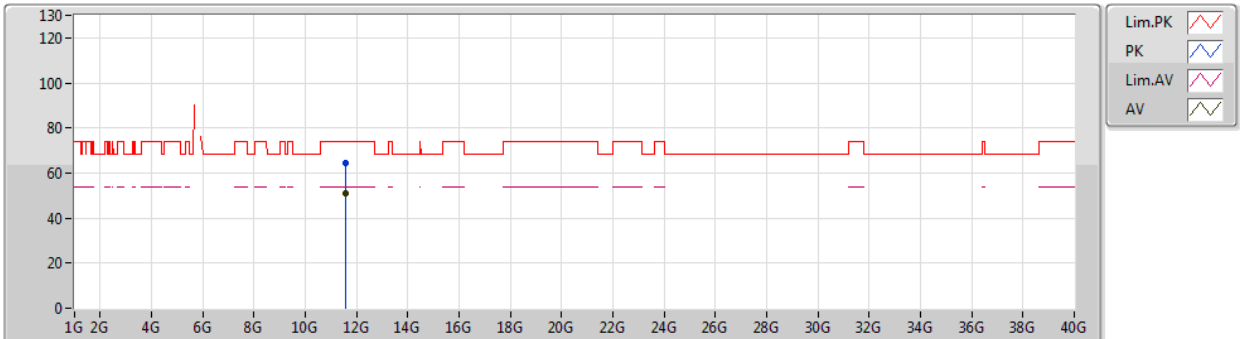


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 11.57012G    | 47.88             | 54.00             | -6.12          | 19.74          | 3           | Vertical  | 85             | 1.79          | -       |  |  |  |  |
| PK   | 11.56484G    | 60.46             | 74.00             | -13.54         | 19.75          | 3           | Vertical  | 85             | 1.79          | -       |  |  |  |  |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5785MHz\_TX

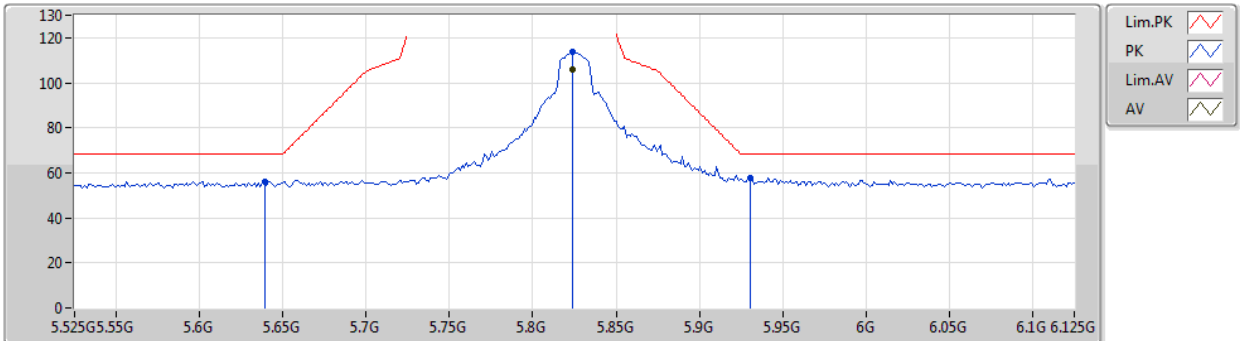


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 11.57012G    | 50.85             | 54.00             | -3.15          | 19.74          | 3           | Horizontal | 24             | 1.40          | -       |  |  |  |  |
| PK   | 11.5706G     | 64.23             | 74.00             | -9.77          | 19.74          | 3           | Horizontal | 24             | 1.40          | -       |  |  |  |  |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5825MHz\_TX

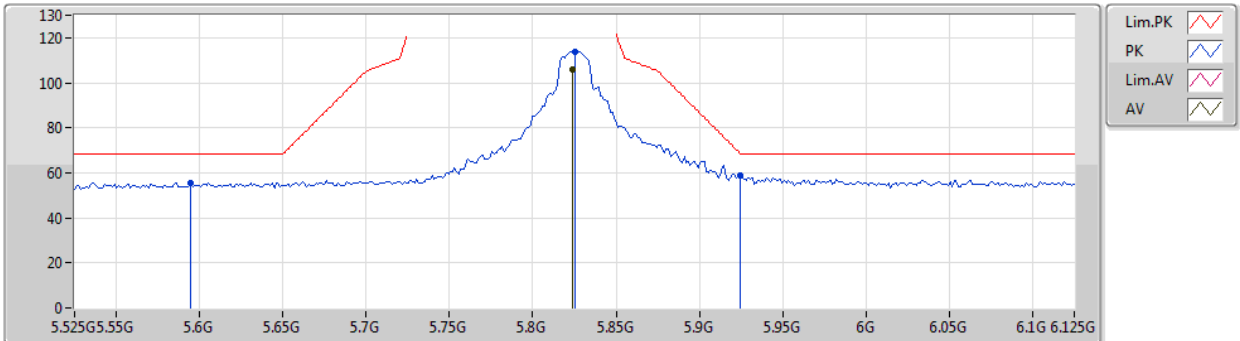


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.8238G      | 105.74            | Inf               | -Inf           | 9.71           | 3           | Vertical  | 120            | 1.94          | -       |  |  |  |  |
| PK   | 5.639G       | 56.30             | 68.20             | -11.90         | 9.36           | 3           | Vertical  | 120            | 1.94          | -       |  |  |  |  |
| PK   | 5.8238G      | 113.92            | Inf               | -Inf           | 9.71           | 3           | Vertical  | 120            | 1.94          | -       |  |  |  |  |
| PK   | 5.9306G      | 57.86             | 68.20             | -10.34         | 10.00          | 3           | Vertical  | 120            | 1.94          | -       |  |  |  |  |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5825MHz\_TX

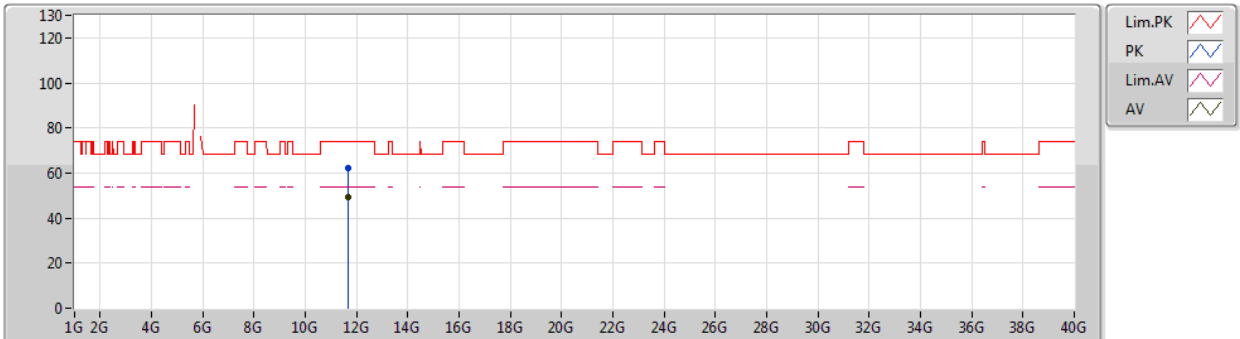


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.8238G      | 106.13            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 142            | 1.82          | -       |
| PK   | 5.5946G      | 55.61             | 68.20             | -12.59         | 9.32           | 3           | Horizontal | 142            | 1.82          | -       |
| PK   | 5.825G       | 114.01            | Inf               | -Inf           | 9.71           | 3           | Horizontal | 142            | 1.82          | -       |
| PK   | 5.9246G      | 58.56             | 68.50             | -9.94          | 9.98           | 3           | Horizontal | 142            | 1.82          | -       |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5825MHz\_TX

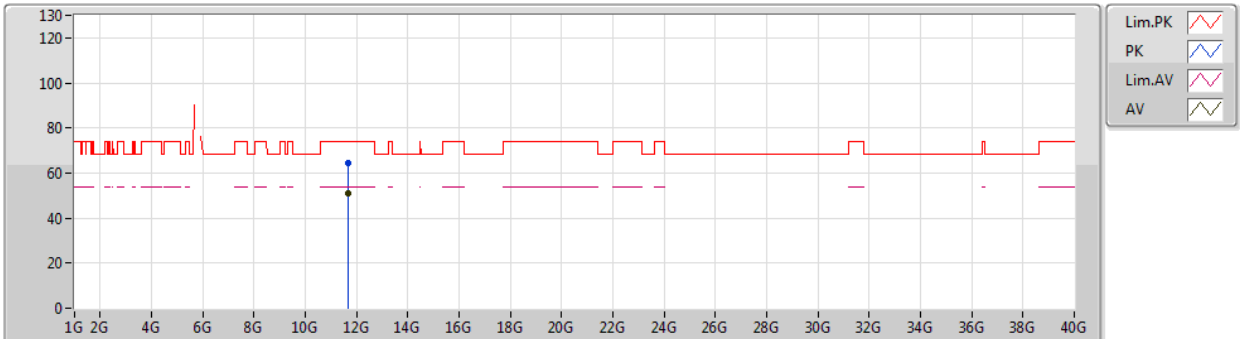


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |  |  |  |  |
| AV   | 11.64994G | 49.34    | 54.00    | -4.66  | 19.69  | 3    | Vertical  | 116     | 1.89   | -       |  |  |  |  |
| PK   | 11.65072G | 62.14    | 74.00    | -11.86 | 19.68  | 3    | Vertical  | 116     | 1.89   | -       |  |  |  |  |

## 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5825MHz\_TX

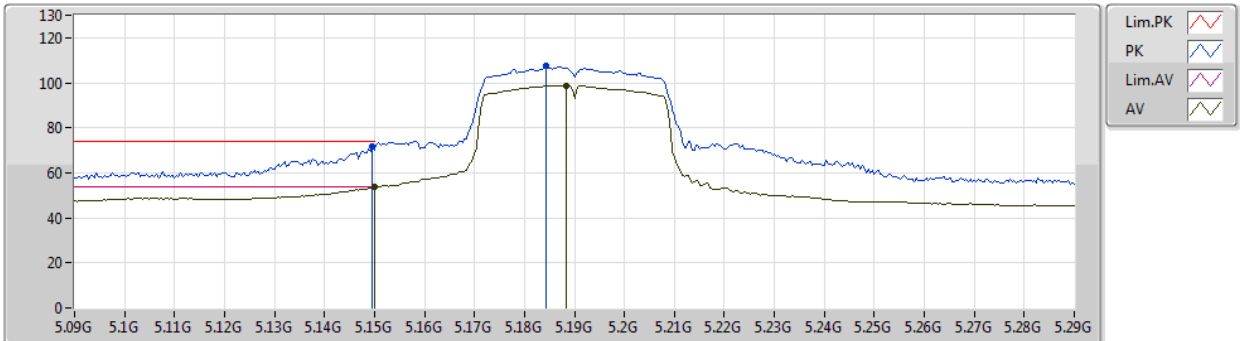


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.64964G    | 51.19             | 54.00             | -2.81          | 19.69          | 3           | Horizontal | 27             | 1.44          | -       |
| PK   | 11.65072G    | 64.24             | 74.00             | -9.76          | 19.68          | 3           | Horizontal | 27             | 1.44          | -       |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5190MHz\_TX

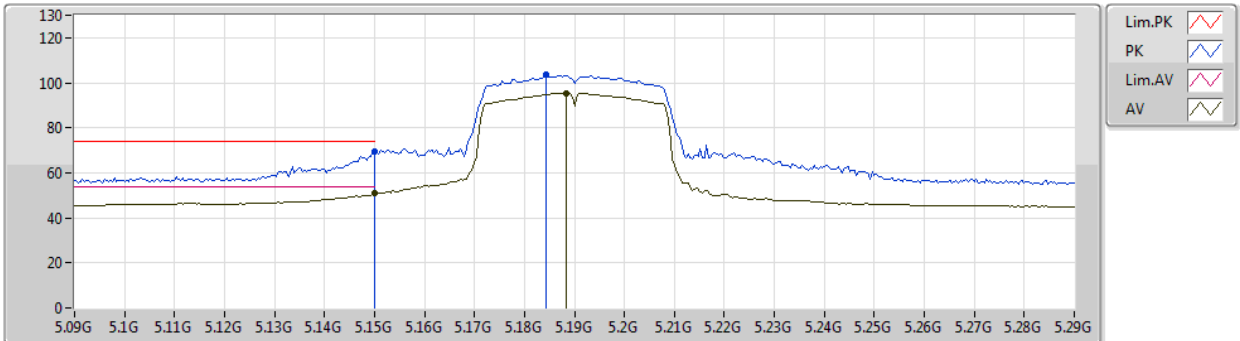


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.15G        | 53.68             | 54.00             | -0.32          | 9.01           | 3           | Vertical  | 105            | 2.02          | -       |  |  |  |  |
| AV   | 5.1884G      | 98.90             | Inf               | -Inf           | 8.98           | 3           | Vertical  | 105            | 2.02          | -       |  |  |  |  |
| PK   | 5.1496G      | 71.72             | 74.00             | -2.28          | 9.01           | 3           | Vertical  | 105            | 2.02          | -       |  |  |  |  |
| PK   | 5.1844G      | 107.34            | Inf               | -Inf           | 8.98           | 3           | Vertical  | 105            | 2.02          | -       |  |  |  |  |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5190MHz\_TX

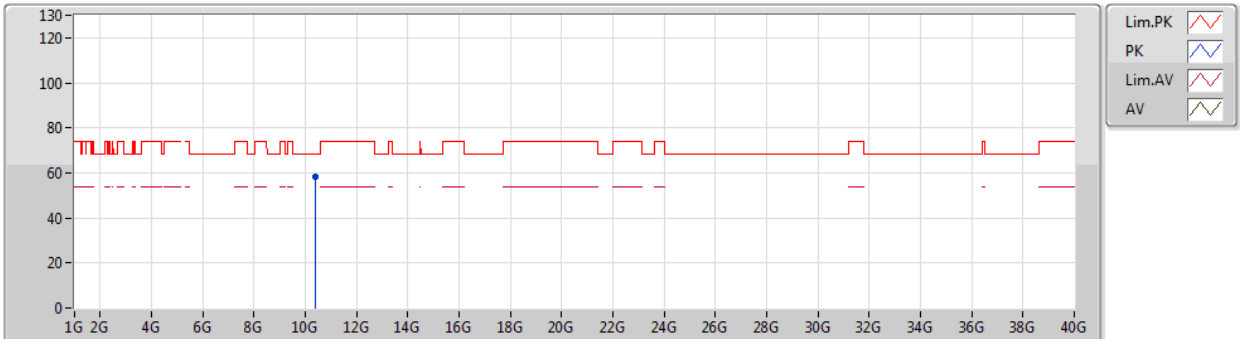


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.15G        | 50.74             | 54.00             | -3.26          | 9.01           | 3           | Horizontal | 134            | 1.47          | -       |
| AV   | 5.1884G      | 95.47             | Inf               | -Inf           | 8.98           | 3           | Horizontal | 134            | 1.47          | -       |
| PK   | 5.15G        | 69.41             | 74.00             | -4.59          | 9.01           | 3           | Horizontal | 134            | 1.47          | -       |
| PK   | 5.1844G      | 103.49            | Inf               | -Inf           | 8.98           | 3           | Horizontal | 134            | 1.47          | -       |

### 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5190MHz\_TX

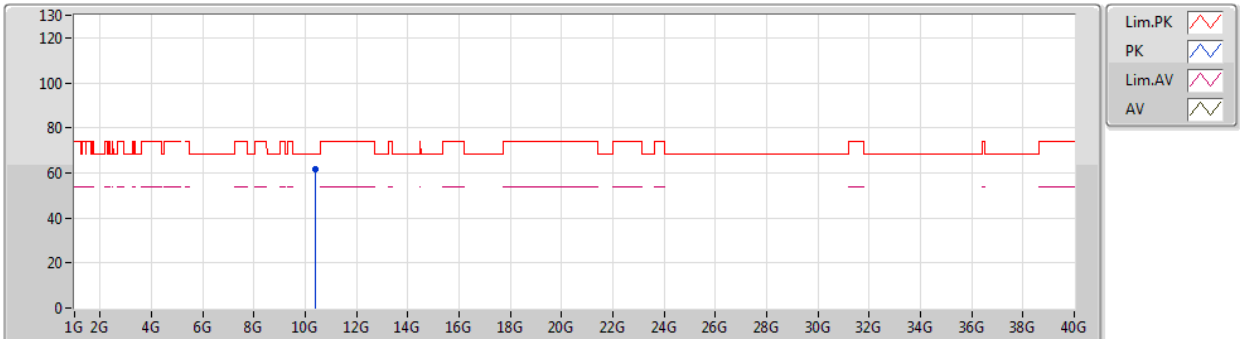


| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment |  |  |  |  |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--|--|--|--|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         |  |  |  |  |
| PK   | 10.382G | 58.46    | 68.20    | -9.74  | 19.17  | 3    | Vertical  | 224     | 1.26   | -       |  |  |  |  |

### 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5190MHz\_TX

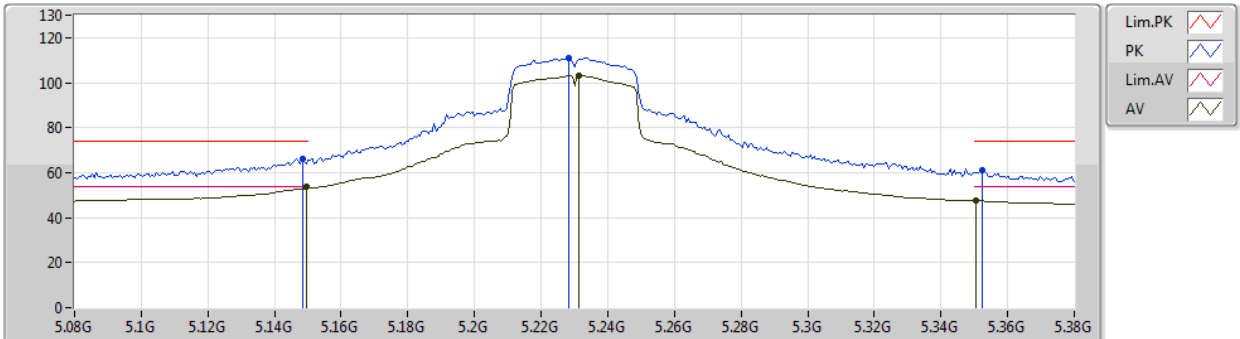


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.383G      | 61.66             | 68.20             | -6.54          | 19.17          | 3           | Horizontal | 157            | 1.43          | -       |  |  |  |  |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

## 5230MHz\_TX

03/05/2019

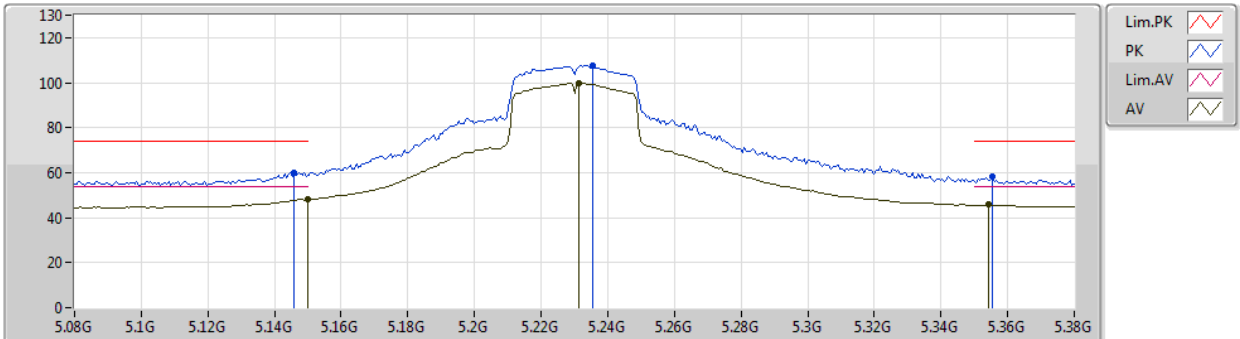


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.1496G      | 53.54             | 54.00             | -0.46          | 9.01           | 3           | Vertical  | 106            | 1.89          | -       |
| AV   | 5.2312G      | 103.22            | Inf               | -Inf           | 8.90           | 3           | Vertical  | 106            | 1.89          | -       |
| AV   | 5.3506G      | 47.38             | 54.00             | -6.62          | 8.88           | 3           | Vertical  | 106            | 1.89          | -       |
| PK   | 5.1484G      | 66.29             | 74.00             | -7.71          | 9.01           | 3           | Vertical  | 106            | 1.89          | -       |
| PK   | 5.2282G      | 110.78            | Inf               | -Inf           | 8.90           | 3           | Vertical  | 106            | 1.89          | -       |
| PK   | 5.3524G      | 61.31             | 74.00             | -12.69         | 8.88           | 3           | Vertical  | 106            | 1.89          | -       |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5230MHz\_TX

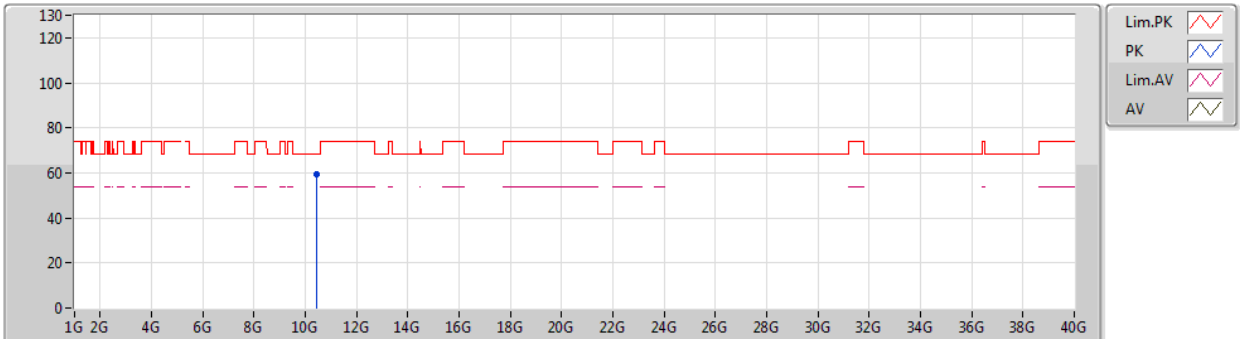


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.15G        | 47.99             | 54.00             | -6.01          | 9.01           | 3           | Horizontal | 134            | 1.54          | -       |
| AV   | 5.2312G      | 99.76             | Inf               | -Inf           | 8.90           | 3           | Horizontal | 134            | 1.54          | -       |
| AV   | 5.3542G      | 45.74             | 54.00             | -8.26          | 8.89           | 3           | Horizontal | 134            | 1.54          | -       |
| PK   | 5.146G       | 60.05             | 74.00             | -13.95         | 9.02           | 3           | Horizontal | 134            | 1.54          | -       |
| PK   | 5.2354G      | 107.55            | Inf               | -Inf           | 8.88           | 3           | Horizontal | 134            | 1.54          | -       |
| PK   | 5.3554G      | 58.08             | 74.00             | -15.92         | 8.89           | 3           | Horizontal | 134            | 1.54          | -       |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5230MHz\_TX

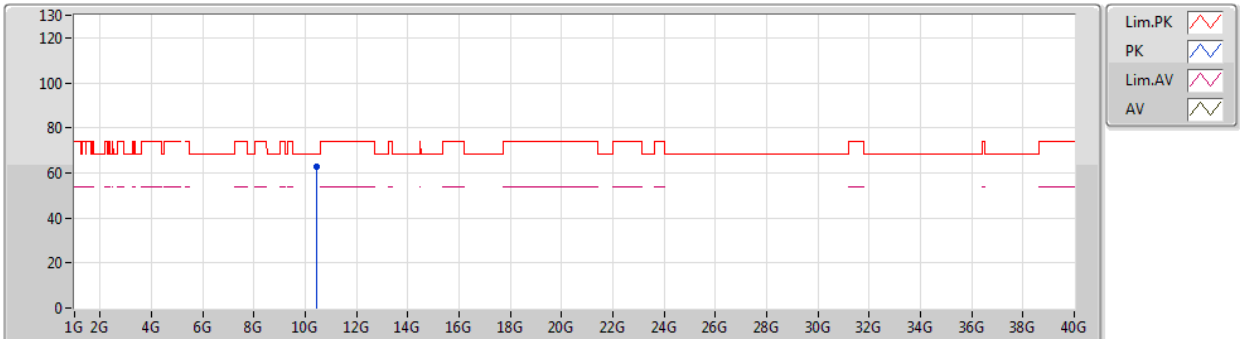


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.4596G     | 59.58             | 68.20             | -8.62          | 19.30          | 3           | Vertical  | 167            | 2.49          | -       |  |  |  |  |

### 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5230MHz\_TX

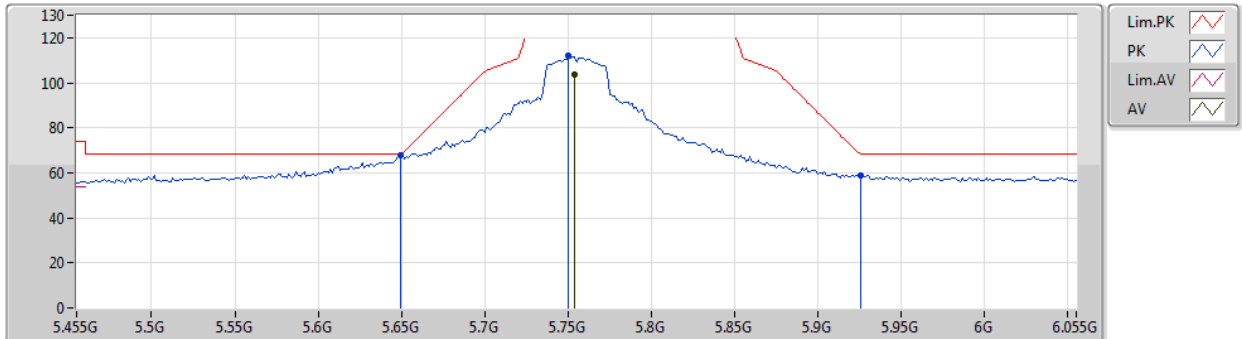


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.4606G     | 62.99             | 68.20             | -5.21          | 19.30          | 3           | Horizontal | 158            | 1.43          | -       |  |  |  |  |

# 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5755MHz\_TX

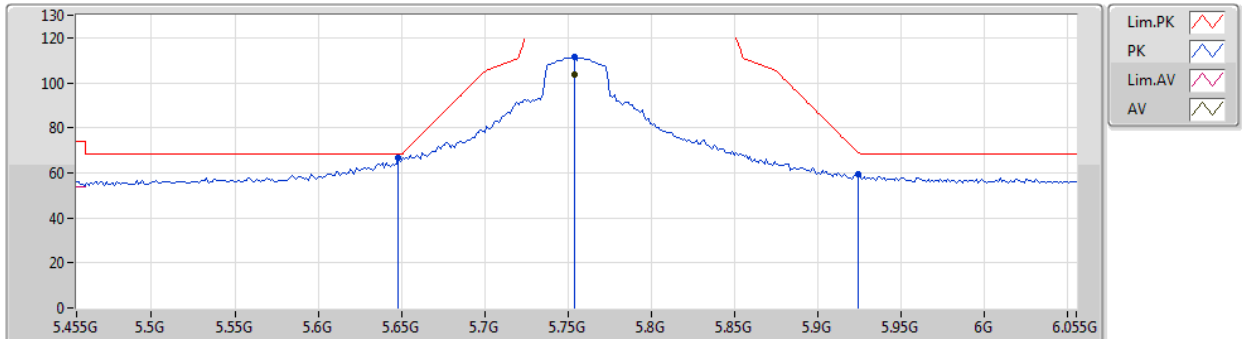


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7538G      | 103.63            | Inf               | -Inf           | 9.54           | 3           | Vertical  | 129            | 1.88          | -       |
| PK   | 5.6494G      | 67.65             | 68.20             | -0.55          | 9.37           | 3           | Vertical  | 129            | 1.88          | -       |
| PK   | 5.7502G      | 111.86            | Inf               | -Inf           | 9.53           | 3           | Vertical  | 129            | 1.88          | -       |
| PK   | 5.9254G      | 58.62             | 68.20             | -9.58          | 10.00          | 3           | Vertical  | 129            | 1.88          | -       |

# 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

## 5755MHz\_TX

03/05/2019

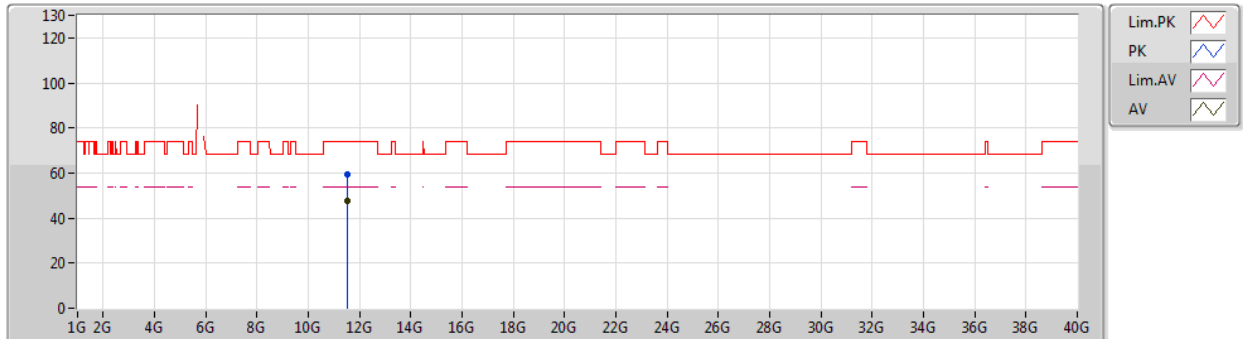


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7538G      | 103.53            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 143            | 1.75          | -       |
| PK   | 5.6482G      | 66.46             | 68.20             | -1.74          | 9.37           | 3           | Horizontal | 143            | 1.75          | -       |
| PK   | 5.7538G      | 111.62            | Inf               | -Inf           | 9.54           | 3           | Horizontal | 143            | 1.75          | -       |
| PK   | 5.9242G      | 59.61             | 68.79             | -9.18          | 9.98           | 3           | Horizontal | 143            | 1.75          | -       |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5755MHz\_TX

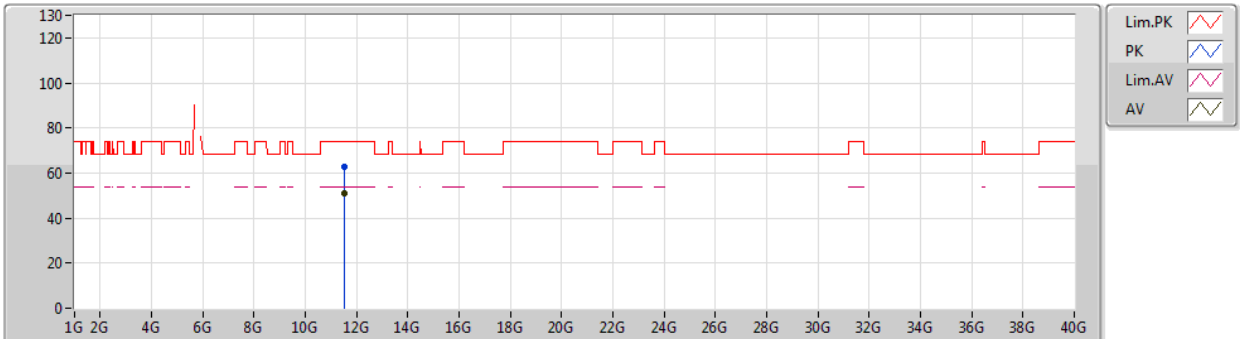


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.5098G     | 47.47             | 54.00             | -6.53          | 19.80          | 3           | Vertical  | 89             | 1.92          | -       |
| PK   | 11.5108G     | 59.56             | 74.00             | -14.44         | 19.79          | 3           | Vertical  | 89             | 1.92          | -       |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5755MHz\_TX

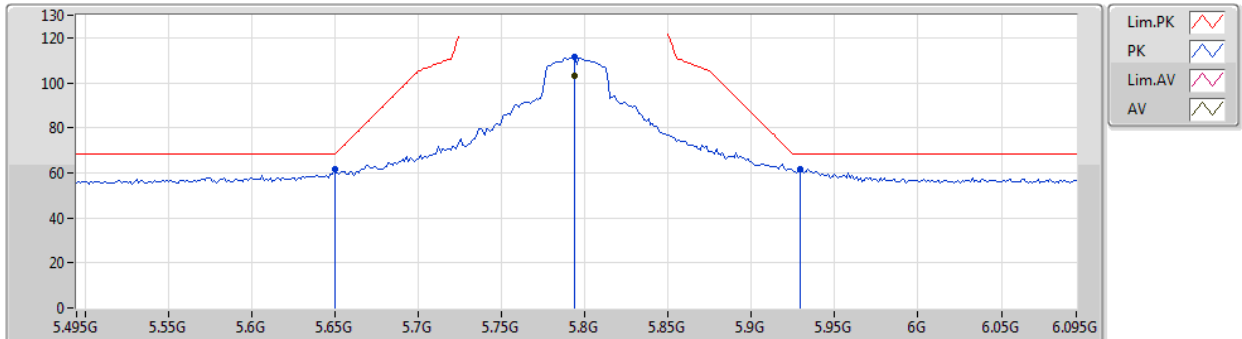


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 11.51G       | 50.96             | 54.00             | -3.04          | 19.79          | 3           | Horizontal | 30             | 1.44          | -       |  |  |  |  |
| PK   | 11.5095G     | 62.64             | 74.00             | -11.36         | 19.80          | 3           | Horizontal | 30             | 1.44          | -       |  |  |  |  |

# 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

## 5795MHz\_TX

03/05/2019

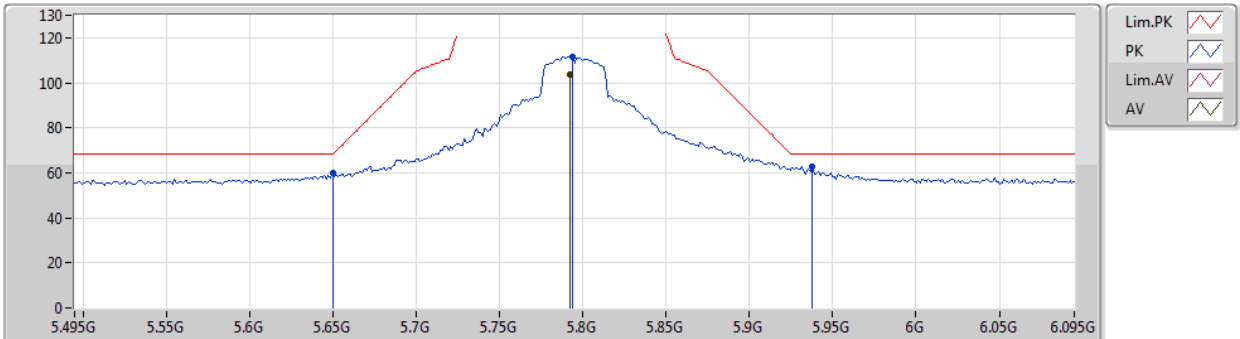


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.7938G      | 103.12            | Inf               | -Inf           | 9.62           | 3           | Vertical  | 115            | 1.87          | -       |  |  |  |  |
| PK   | 5.6498G      | 61.50             | 68.20             | -6.70          | 9.37           | 3           | Vertical  | 115            | 1.87          | -       |  |  |  |  |
| PK   | 5.7938G      | 111.30            | Inf               | -Inf           | 9.62           | 3           | Vertical  | 115            | 1.87          | -       |  |  |  |  |
| PK   | 5.9294G      | 61.85             | 68.20             | -6.35          | 10.00          | 3           | Vertical  | 115            | 1.87          | -       |  |  |  |  |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5795MHz\_TX

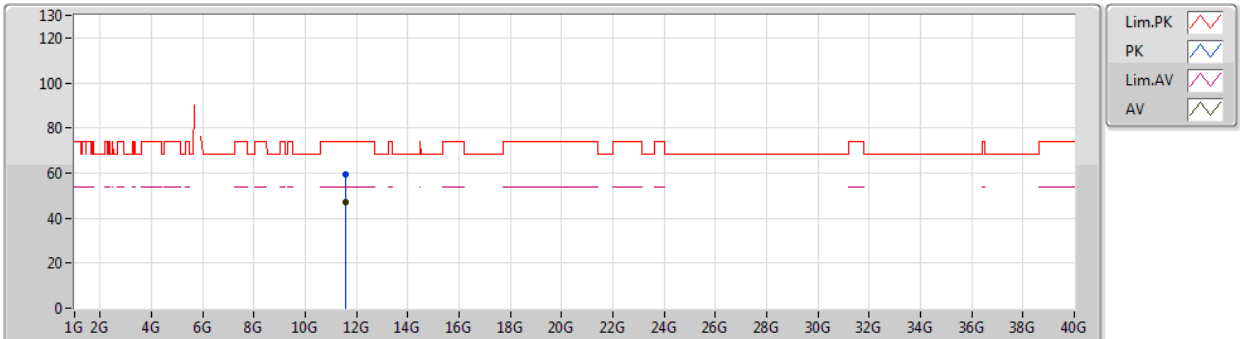


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7926G      | 103.48            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 142            | 1.86          | -       |
| PK   | 5.6498G      | 59.70             | 68.20             | -8.50          | 9.37           | 3           | Horizontal | 142            | 1.86          | -       |
| PK   | 5.7938G      | 111.66            | Inf               | -Inf           | 9.62           | 3           | Horizontal | 142            | 1.86          | -       |
| PK   | 5.9378G      | 62.65             | 68.20             | -5.55          | 10.02          | 3           | Horizontal | 142            | 1.86          | -       |

## 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5795MHz\_TX

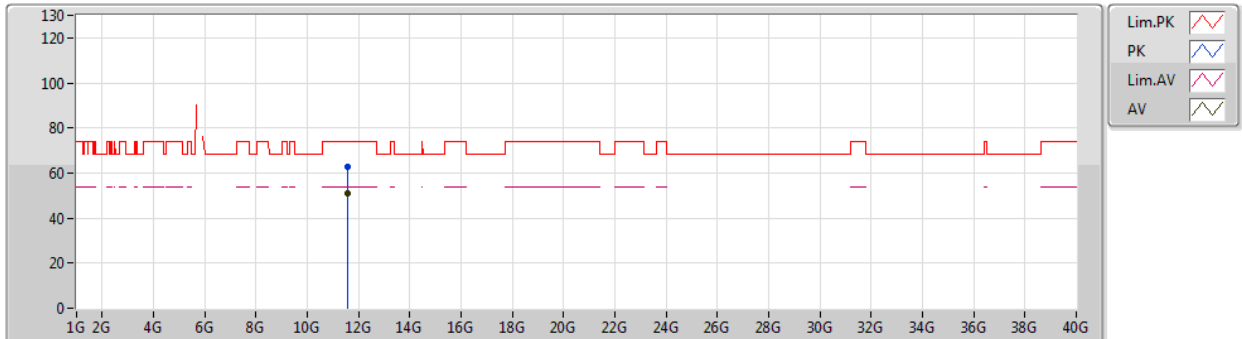


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.5898G     | 47.28             | 54.00             | -6.72          | 19.73          | 3           | Vertical  | 132            | 1.62          | -       |
| PK   | 11.5911G     | 59.38             | 74.00             | -14.62         | 19.72          | 3           | Vertical  | 132            | 1.62          | -       |

# 802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

## 5795MHz\_TX

03/05/2019

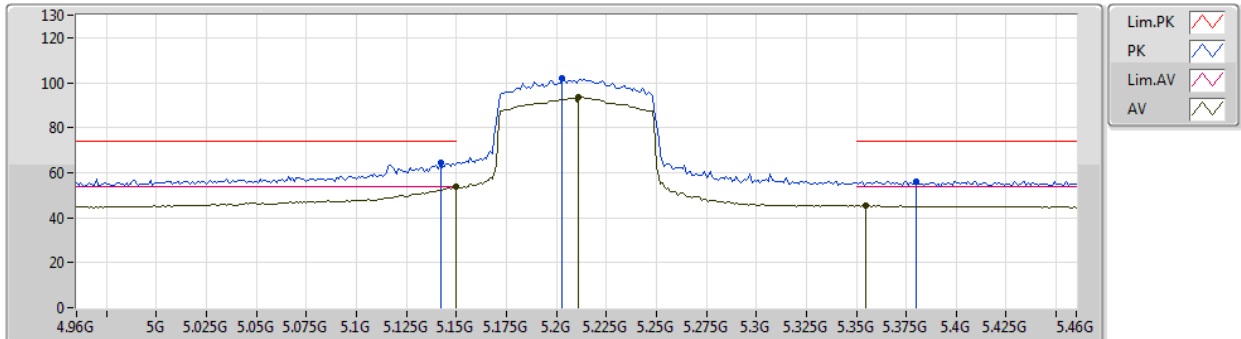


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.59G       | 50.76             | 54.00             | -3.24          | 19.72          | 3           | Horizontal | 32             | 1.40          | -       |
| PK   | 11.591G      | 62.98             | 74.00             | -11.02         | 19.72          | 3           | Horizontal | 32             | 1.40          | -       |

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

## 5210MHz\_TX

03/05/2019

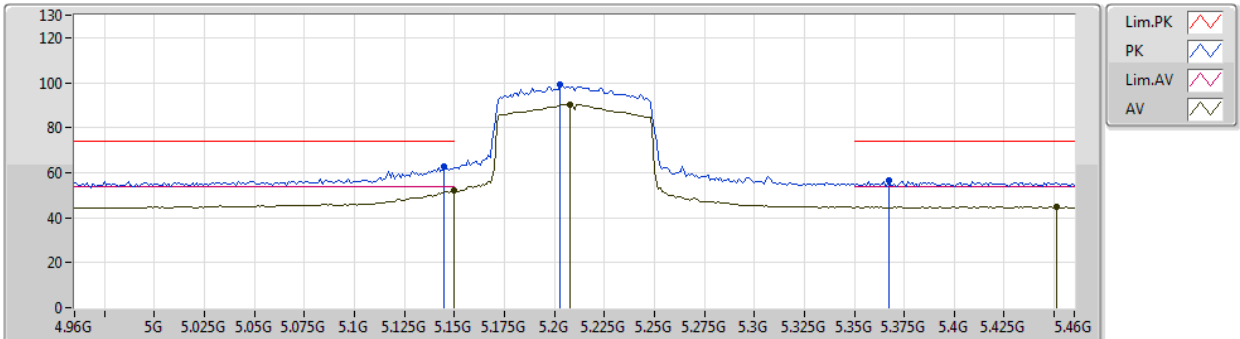


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.15G        | 53.69             | 54.00             | -0.31          | 9.01           | 3           | Vertical  | 101            | 1.99          | -       |
| AV   | 5.211G       | 93.39             | Inf               | -Inf           | 8.95           | 3           | Vertical  | 101            | 1.99          | -       |
| AV   | 5.355G       | 45.40             | 54.00             | -8.60          | 8.89           | 3           | Vertical  | 101            | 1.99          | -       |
| PK   | 5.142G       | 64.53             | 74.00             | -9.47          | 9.02           | 3           | Vertical  | 101            | 1.99          | -       |
| PK   | 5.203G       | 101.85            | Inf               | -Inf           | 8.96           | 3           | Vertical  | 101            | 1.99          | -       |
| PK   | 5.38G        | 56.23             | 74.00             | -17.77         | 8.97           | 3           | Vertical  | 101            | 1.99          | -       |

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5210MHz\_TX

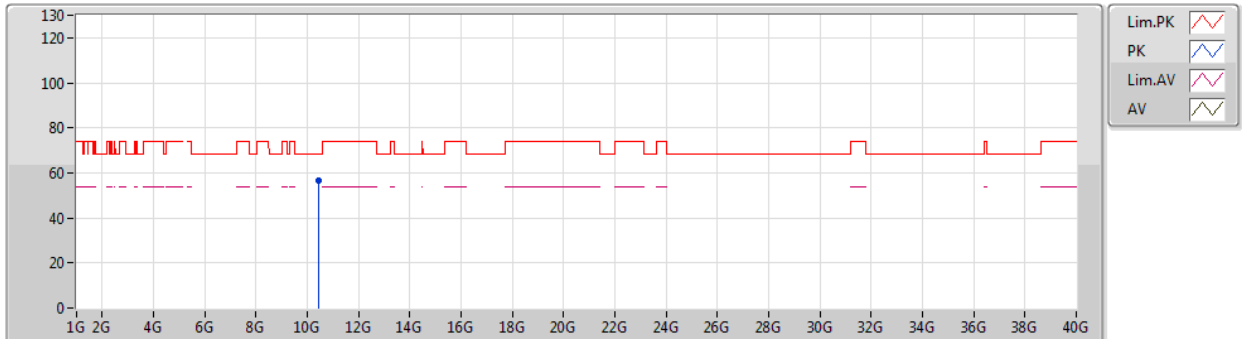


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| AV   | 5.15G        | 52.00             | 54.00             | -2.00          | 9.01           | 3           | Horizontal | 119            | 1.17          | -       |  |  |  |  |
| AV   | 5.208G       | 90.46             | Inf               | -Inf           | 8.95           | 3           | Horizontal | 119            | 1.17          | -       |  |  |  |  |
| AV   | 5.451G       | 44.95             | 54.00             | -9.05          | 9.25           | 3           | Horizontal | 119            | 1.17          | -       |  |  |  |  |
| PK   | 5.145G       | 62.85             | 74.00             | -11.15         | 9.01           | 3           | Horizontal | 119            | 1.17          | -       |  |  |  |  |
| PK   | 5.203G       | 99.38             | Inf               | -Inf           | 8.96           | 3           | Horizontal | 119            | 1.17          | -       |  |  |  |  |
| PK   | 5.367G       | 56.36             | 74.00             | -17.64         | 8.92           | 3           | Horizontal | 119            | 1.17          | -       |  |  |  |  |

### 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5210MHz\_TX

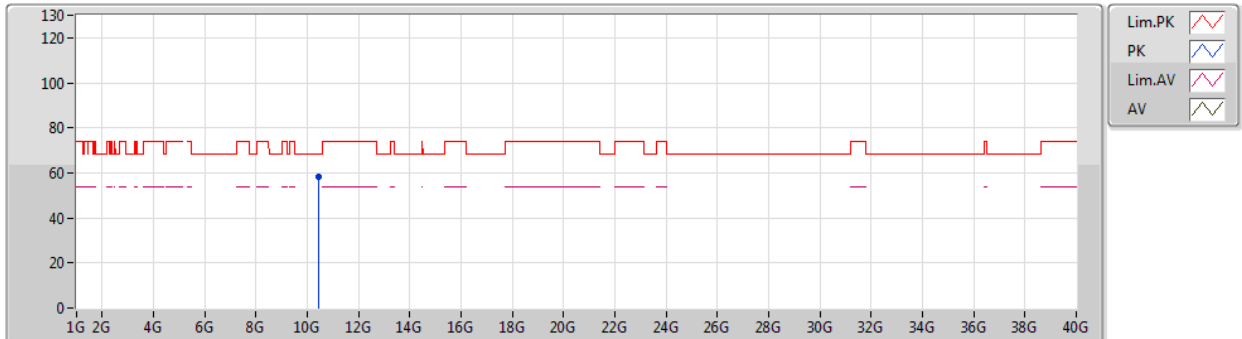


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.42191G    | 56.84             | 68.20             | -11.36         | 19.23          | 3           | Vertical  | 126            | 1.47          | -       |  |  |  |  |

### 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

03/05/2019

### 5210MHz\_TX

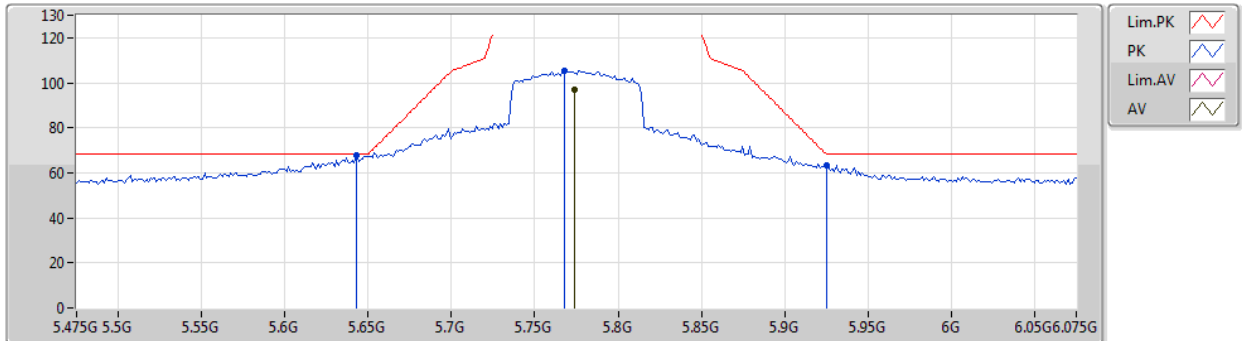


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|--|--|--|--|
| PK   | 10.42035G    | 58.32             | 68.20             | -9.88          | 19.23          | 3           | Horizontal | 69             | 1.74          | -       |  |  |  |  |

# 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5775MHz\_TX

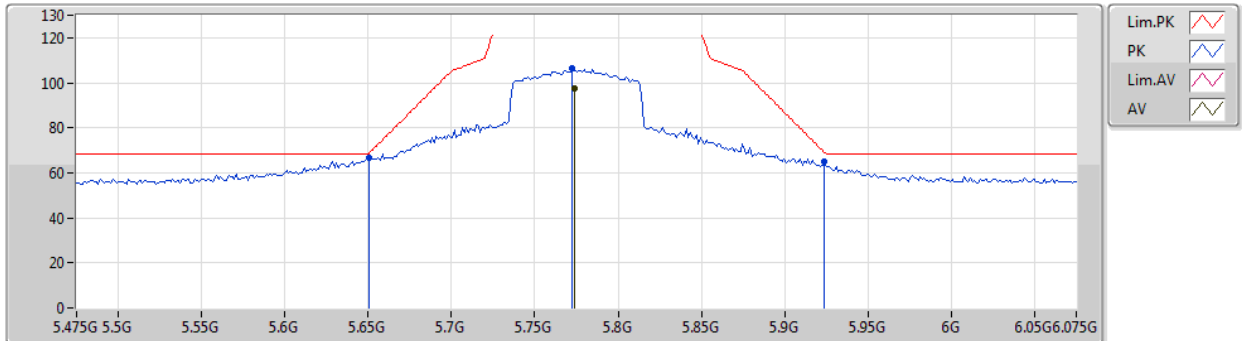


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 5.7738G      | 96.89             | Inf               | -Inf           | 9.58           | 3           | Vertical  | 116            | 1.89          | -       |
| PK   | 5.643G       | 67.94             | 68.20             | -0.26          | 9.36           | 3           | Vertical  | 116            | 1.89          | -       |
| PK   | 5.7678G      | 105.26            | Inf               | -Inf           | 9.57           | 3           | Vertical  | 116            | 1.89          | -       |
| PK   | 5.925G       | 63.59             | 68.20             | -4.61          | 10.00          | 3           | Vertical  | 116            | 1.89          | -       |

# 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5775MHz\_TX

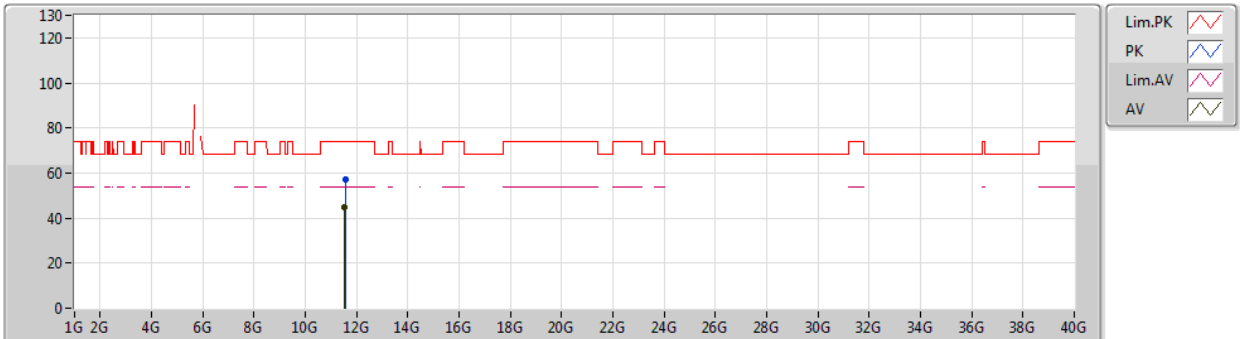


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 5.7738G      | 97.41             | Inf               | -Inf           | 9.58           | 3           | Horizontal | 142            | 1.84          | -       |
| PK   | 5.6502G      | 66.56             | 68.35             | -1.79          | 9.37           | 3           | Horizontal | 142            | 1.84          | -       |
| PK   | 5.7726G      | 106.71            | Inf               | -Inf           | 9.58           | 3           | Horizontal | 142            | 1.84          | -       |
| PK   | 5.9238G      | 65.04             | 69.09             | -4.05          | 9.98           | 3           | Horizontal | 142            | 1.84          | -       |

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5775MHz\_TX

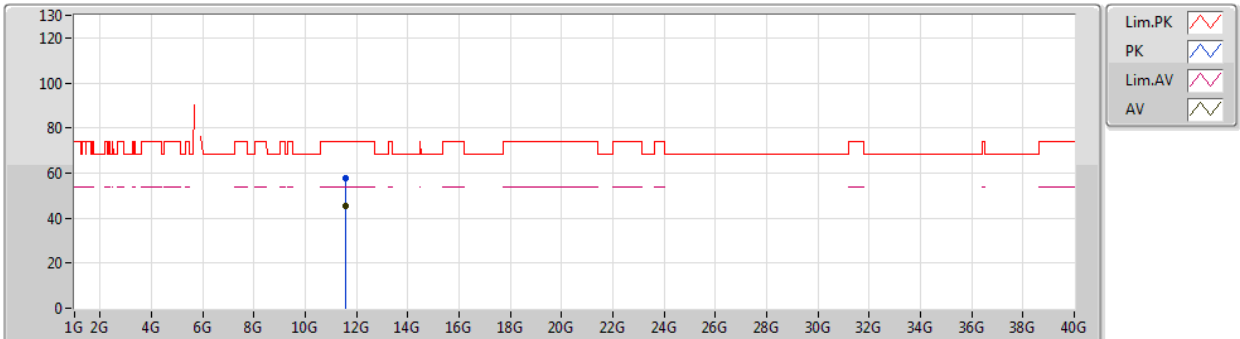


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|
| AV   | 11.54831G    | 44.57             | 54.00             | -9.43          | 19.77          | 3           | Vertical  | 43             | 1.32          | -       |
| PK   | 11.54983G    | 57.01             | 74.00             | -16.99         | 19.77          | 3           | Vertical  | 43             | 1.32          | -       |

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

03/05/2019

## 5775MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|
| AV   | 11.54979G    | 45.65             | 54.00             | -8.35          | 19.77          | 3           | Horizontal | 147            | 2.54          | -       |
| PK   | 11.55187G    | 57.82             | 74.00             | -16.18         | 19.76          | 3           | Horizontal | 147            | 2.54          | -       |

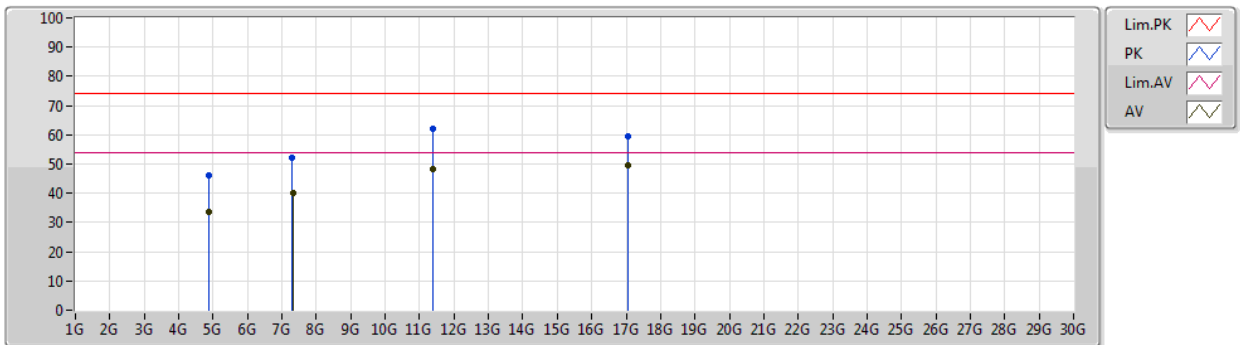


Summary

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| Mode 1 | Pass   | AV   | 11.37964G    | 50.47             | 54.00             | -3.53          | 19.90          | 3           | Horizontal | 312            | 1.50          | -        |

## Radiation-above 1GHz\_Mode 1

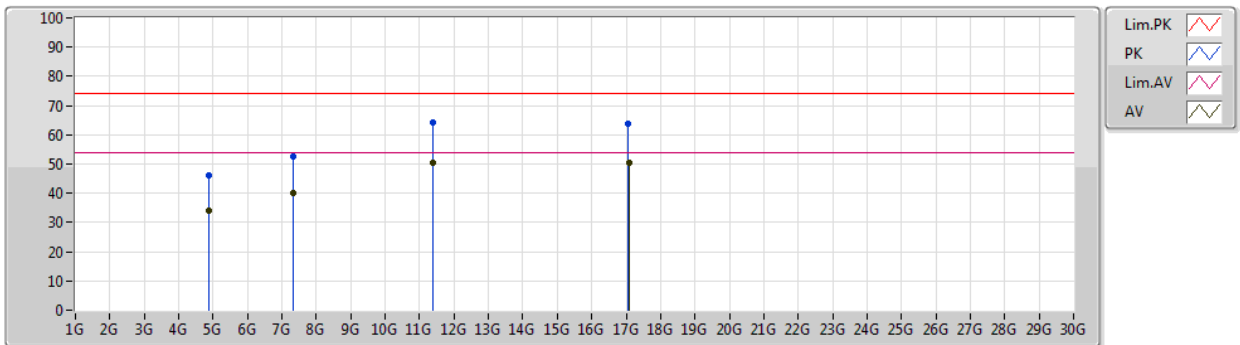
20/05/2019



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|--|--|--|--|
| AV   | 4.8653G      | 33.79             | 54.00             | -20.21         | 8.25           | 3           | Vertical  | 300            | 1.50          | -       |  |  |  |  |
| AV   | 7.32062G     | 39.88             | 54.00             | -14.12         | 14.43          | 3           | Vertical  | 322            | 2.33          | -       |  |  |  |  |
| AV   | 11.3802G     | 48.45             | 54.00             | -5.55          | 19.90          | 3           | Vertical  | 217            | 1.92          | -       |  |  |  |  |
| AV   | 17.07G       | 49.60             | 54.00             | -4.40          | 23.50          | 3           | Vertical  | 106            | 1.50          | -       |  |  |  |  |
| PK   | 4.8662G      | 46.17             | 74.00             | -27.83         | 8.25           | 3           | Vertical  | 300            | 1.50          | -       |  |  |  |  |
| PK   | 7.30425G     | 51.94             | 74.00             | -22.06         | 14.50          | 3           | Vertical  | 322            | 2.33          | -       |  |  |  |  |
| PK   | 11.38068G    | 61.93             | 74.00             | -12.07         | 19.90          | 3           | Vertical  | 217            | 1.92          | -       |  |  |  |  |
| PK   | 17.07G       | 59.36             | 74.00             | -14.64         | 23.50          | 3           | Vertical  | 106            | 1.50          | -       |  |  |  |  |

## Radiation-above 1GHz\_Mode 1

20/05/2019



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment |  |  |  |  |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|--|--|--|--|
| AV   | 4.8662G   | 34.05          | 54.00          | -19.95      | 8.25        | 3        | Horizontal | 288         | 2.68       | -       |  |  |  |  |
| AV   | 7.3182G   | 40.02          | 54.00          | -13.98      | 14.45       | 3        | Horizontal | 277         | 2.47       | -       |  |  |  |  |
| AV   | 11.37964G | 50.47          | 54.00          | -3.53       | 19.90       | 3        | Horizontal | 312         | 1.50       | -       |  |  |  |  |
| AV   | 17.07355G | 50.35          | 54.00          | -3.65       | 23.54       | 3        | Horizontal | 73          | 1.50       | -       |  |  |  |  |
| PK   | 4.8702G   | 45.96          | 74.00          | -28.04      | 8.25        | 3        | Horizontal | 288         | 2.68       | -       |  |  |  |  |
| PK   | 7.3167G   | 52.39          | 74.00          | -21.61      | 14.45       | 3        | Horizontal | 277         | 2.47       | -       |  |  |  |  |
| PK   | 11.37952G | 64.09          | 74.00          | -9.91       | 19.90       | 3        | Horizontal | 312         | 1.50       | -       |  |  |  |  |
| PK   | 17.06349G | 63.68          | 74.00          | -10.32      | 23.45       | 3        | Horizontal | 73          | 1.50       | -       |  |  |  |  |