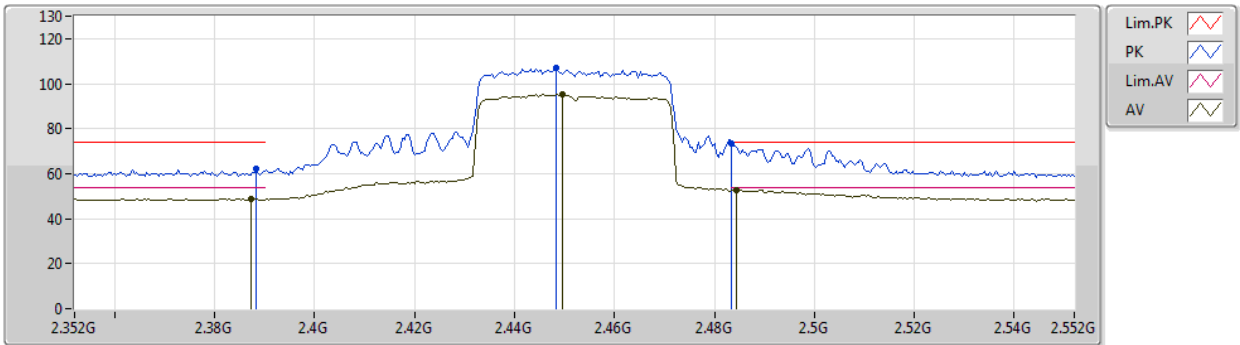


802.11ax HEW40\_Nss2,(MCS0)\_2TX

07/11/2019

2452MHz\_TX

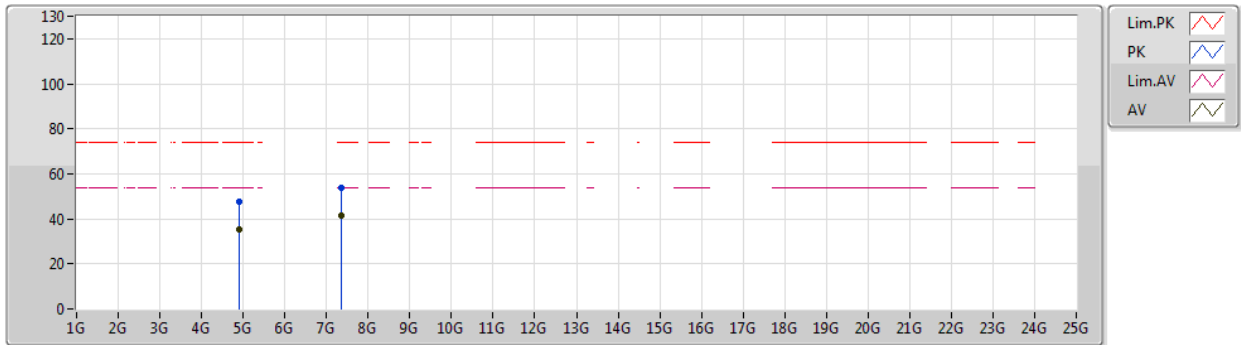


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3872G      | 48.96             | 54.00             | -5.04          | 34.98          | 3           | Horizontal | 59             | 1.50          | -       | 13.98         | 27.65      | 7.33       | -          |
| AV   | 2.4496G      | 95.02             | Inf               | -Inf           | 34.90          | 3           | Horizontal | 59             | 1.50          | -       | 60.12         | 27.55      | 7.35       | -          |
| AV   | 2.4844G      | 52.68             | 54.00             | -1.32          | 34.89          | 3           | Horizontal | 59             | 1.50          | -       | 17.79         | 27.52      | 7.37       | -          |
| PK   | 2.3884G      | 62.08             | 74.00             | -11.92         | 34.98          | 3           | Horizontal | 59             | 1.50          | -       | 27.10         | 27.65      | 7.33       | -          |
| PK   | 2.4484G      | 106.89            | Inf               | -Inf           | 34.90          | 3           | Horizontal | 59             | 1.50          | -       | 71.99         | 27.55      | 7.35       | -          |
| PK   | 2.4835G      | 73.44             | 74.00             | -0.56          | 34.89          | 3           | Horizontal | 59             | 1.50          | -       | 38.55         | 27.52      | 7.37       | -          |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

08/11/2019

### 2452MHz\_TX

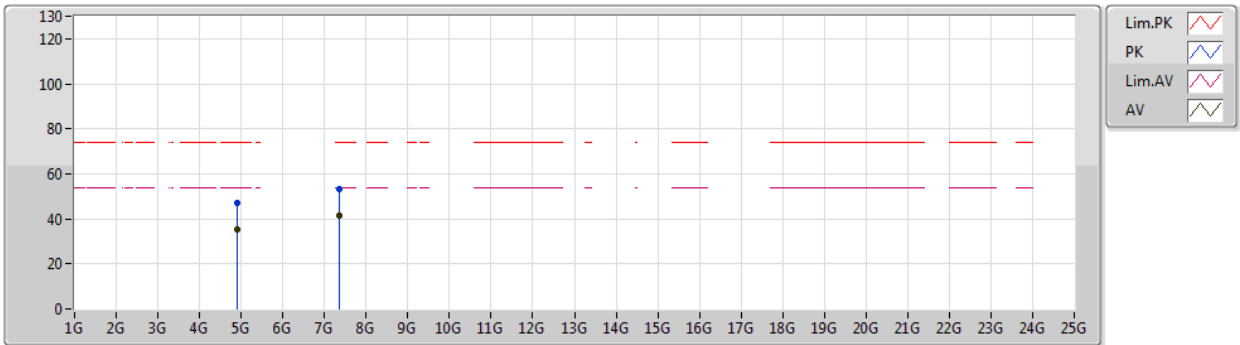


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.9079G      | 35.30             | 54.00             | -18.70         | 7.08           | 3           | Vertical  | 46             | 1.50          | -       | 28.22         | 31.13      | 10.00      | 34.05      |
| AV   | 7.3563G      | 41.54             | 54.00             | -12.46         | 13.28          | 3           | Vertical  | 94             | 1.50          | -       | 28.26         | 36.24      | 11.32      | 34.28      |
| PK   | 4.91174G     | 47.59             | 74.00             | -26.41         | 7.11           | 3           | Vertical  | 46             | 1.50          | -       | 40.48         | 31.15      | 10.01      | 34.05      |
| PK   | 7.34472G     | 53.67             | 74.00             | -20.33         | 13.30          | 3           | Vertical  | 94             | 1.50          | -       | 40.37         | 36.26      | 11.32      | 34.28      |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

08/11/2019

### 2452MHz\_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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.89044G     | 35.23             | 54.00             | -18.77         | 7.04           | 3           | Horizontal | 135            | 1.50          | -       | 28.19         | 31.10      | 9.99       | 34.05      |
| AV   | 7.36782G     | 41.50             | 54.00             | -12.50         | 13.28          | 3           | Horizontal | 277            | 2.03          | -       | 28.22         | 36.23      | 11.33      | 34.28      |
| PK   | 4.90382G     | 47.22             | 74.00             | -26.78         | 7.07           | 3           | Horizontal | 135            | 1.50          | -       | 40.15         | 31.12      | 10.00      | 34.05      |
| PK   | 7.34874G     | 53.16             | 74.00             | -20.84         | 13.29          | 3           | Horizontal | 277            | 2.03          | -       | 39.87         | 36.25      | 11.32      | 34.28      |



**RSE TX below 1GHz\_ Non-Beamforming \_Sample 2\_Radio  
1\_Omni\_1T1S**

**Appendix F.5**

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ax HEW40_Nss1.(MCS0)_1TX | Pass   | PK   | 375.32M      | 37.92             | 46.00             | -8.08          | 3           | Horizontal | 360            | 1.00          | -        |



**RSE TX below 1GHz\_ Non-Beamforming\_ Sample 2\_Radio**  
**1\_Omni\_1T1S**

**Appendix F.5**

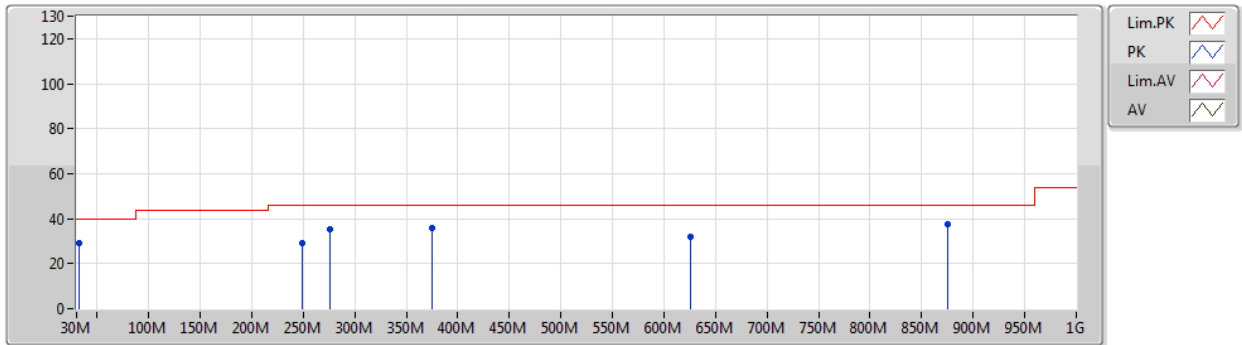
**Result**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2437MHz                        | Pass   | PK   | 31.94M       | 29.17             | 40.00             | -10.83         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 249.22M      | 28.93             | 46.00             | -17.07         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 276.38M      | 35.38             | 46.00             | -10.62         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 375.32M      | 35.75             | 46.00             | -10.25         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 625.58M      | 32.04             | 46.00             | -13.96         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 875.84M      | 37.62             | 46.00             | -8.38          | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 35.82M       | 28.66             | 40.00             | -11.34         | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 125.06M      | 28.66             | 43.50             | -14.84         | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 274.44M      | 33.38             | 46.00             | -12.62         | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 375.32M      | 37.92             | 46.00             | -8.08          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 625.58M      | 33.43             | 46.00             | -12.57         | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 875.84M      | 37.75             | 46.00             | -8.25          | 3           | Horizontal | 360            | 1.00          | -        |

## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

07/12/2019

### 2437MHz\_PoE

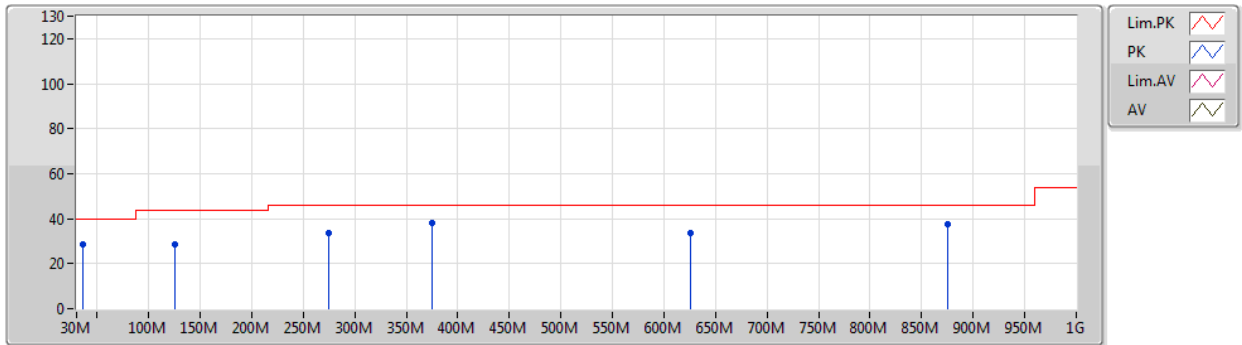


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 31.94M       | 29.17             | 40.00             | -10.83         | -6.38          | 3           | Vertical  | 0              | 1.00          | -       | 35.55         | 20.36      | 0.83       | 27.57      |
| PK   | 249.22M      | 28.93             | 46.00             | -17.07         | -6.86          | 3           | Vertical  | 0              | 1.00          | -       | 35.79         | 17.40      | 2.48       | 26.74      |
| PK   | 276.38M      | 35.38             | 46.00             | -10.62         | -6.11          | 3           | Vertical  | 0              | 1.00          | -       | 41.49         | 17.99      | 2.62       | 26.72      |
| PK   | 375.32M      | 35.75             | 46.00             | -10.25         | -4.11          | 3           | Vertical  | 0              | 1.00          | -       | 39.86         | 19.95      | 3.08       | 27.14      |
| PK   | 625.58M      | 32.04             | 46.00             | -13.96         | 0.16           | 3           | Vertical  | 0              | 1.00          | -       | 31.88         | 24.12      | 4.13       | 28.09      |
| PK   | 875.84M      | 37.62             | 46.00             | -8.38          | 2.67           | 3           | Vertical  | 0              | 1.00          | -       | 34.95         | 25.36      | 4.93       | 27.62      |

## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

07/12/2019

### 2437MHz\_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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 35.82M       | 28.66             | 40.00             | -11.34         | -7.78          | 3           | Horizontal | 360            | 1.00          | -       | 36.44         | 18.89      | 0.89       | 27.56      |
| PK   | 125.06M      | 28.66             | 43.50             | -14.84         | -8.46          | 3           | Horizontal | 360            | 1.00          | -       | 37.12         | 17.11      | 1.72       | 27.29      |
| PK   | 274.44M      | 33.38             | 46.00             | -12.62         | -6.10          | 3           | Horizontal | 360            | 1.00          | -       | 39.48         | 18.01      | 2.61       | 26.72      |
| PK   | 375.32M      | 37.92             | 46.00             | -8.08          | -4.11          | 3           | Horizontal | 360            | 1.00          | -       | 42.03         | 19.95      | 3.08       | 27.14      |
| PK   | 625.58M      | 33.43             | 46.00             | -12.57         | 0.16           | 3           | Horizontal | 360            | 1.00          | -       | 33.27         | 24.12      | 4.13       | 28.09      |
| PK   | 875.84M      | 37.75             | 46.00             | -8.25          | 2.67           | 3           | Horizontal | 360            | 1.00          | -       | 35.08         | 25.36      | 4.93       | 27.62      |



**RSE TX above 1GHz\_ Non Beamforming \_Sample  
2\_Radio 1\_Omni\_1T1S**

**Appendix F.6**

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11b_Nss1.(1Mbps)_1TX       | Pass   | AV   | 2.3882G      | 53.72             | 54.00             | -0.28          | 3           | Vertical  | 173            | 1.76          | -        |
| 802.11g_Nss1.(6Mbps)_1TX       | Pass   | AV   | 2.3898G      | 53.80             | 54.00             | -0.20          | 3           | Vertical  | 164            | 2.08          | -        |
| 802.11ax HEW20_Nss1.(MCS0)_1TX | Pass   | AV   | 2.39G        | 53.93             | 54.00             | -0.07          | 3           | Vertical  | 163            | 1.73          | -        |
| 802.11ax HEW40_Nss1.(MCS0)_1TX | Pass   | AV   | 2.3884G      | 53.90             | 54.00             | -0.10          | 3           | Vertical  | 167            | 2.20          | -        |



# RSE TX above 1GHz\_ Non Beamforming \_Sample 2\_Radio 1\_Omni\_1T1S

## Appendix F.6

### Result

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11b_Nss1,(1Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                  | Pass   | AV   | 2.3882G      | 53.72             | 54.00             | -0.28          | 3           | Vertical   | 173            | 1.76          | -        |
| 2412MHz                  | Pass   | AV   | 2.4112G      | 109.83            | Inf               | -Inf           | 3           | Vertical   | 173            | 1.76          | -        |
| 2412MHz                  | Pass   | PK   | 2.3892G      | 62.32             | 74.00             | -11.68         | 3           | Vertical   | 173            | 1.76          | -        |
| 2412MHz                  | Pass   | PK   | 2.411G       | 113.57            | Inf               | -Inf           | 3           | Vertical   | 173            | 1.76          | -        |
| 2412MHz                  | Pass   | AV   | 4.82412G     | 41.31             | 54.00             | -12.69         | 3           | Vertical   | 349            | 1.43          | -        |
| 2412MHz                  | Pass   | PK   | 4.82406G     | 47.33             | 74.00             | -26.67         | 3           | Vertical   | 349            | 1.43          | -        |
| 2412MHz                  | Pass   | AV   | 4.824G       | 35.34             | 54.00             | -18.66         | 3           | Horizontal | 285            | 1.90          | -        |
| 2412MHz                  | Pass   | PK   | 4.824G       | 44.58             | 74.00             | -29.42         | 3           | Horizontal | 285            | 1.90          | -        |
| 2417MHz                  | Pass   | AV   | 2.39G        | 50.46             | 54.00             | -3.54          | 3           | Vertical   | 160            | 1.78          | -        |
| 2417MHz                  | Pass   | AV   | 2.4162G      | 110.15            | Inf               | -Inf           | 3           | Vertical   | 160            | 1.78          | -        |
| 2417MHz                  | Pass   | PK   | 2.39G        | 59.12             | 74.00             | -14.88         | 3           | Vertical   | 160            | 1.78          | -        |
| 2417MHz                  | Pass   | PK   | 2.418G       | 113.92            | Inf               | -Inf           | 3           | Vertical   | 160            | 1.78          | -        |
| 2437MHz                  | Pass   | AV   | 2.3886G      | 50.41             | 54.00             | -3.59          | 3           | Vertical   | 177            | 1.76          | -        |
| 2437MHz                  | Pass   | AV   | 2.4378G      | 111.40            | Inf               | -Inf           | 3           | Vertical   | 177            | 1.76          | -        |
| 2437MHz                  | Pass   | AV   | 2.4858G      | 49.00             | 54.00             | -5.00          | 3           | Vertical   | 177            | 1.76          | -        |
| 2437MHz                  | Pass   | PK   | 2.3886G      | 59.44             | 74.00             | -14.56         | 3           | Vertical   | 177            | 1.76          | -        |
| 2437MHz                  | Pass   | PK   | 2.4382G      | 115.36            | Inf               | -Inf           | 3           | Vertical   | 177            | 1.76          | -        |
| 2437MHz                  | Pass   | PK   | 2.4854G      | 59.30             | 74.00             | -14.70         | 3           | Vertical   | 177            | 1.76          | -        |
| 2437MHz                  | Pass   | AV   | 4.87418G     | 44.51             | 54.00             | -9.49          | 3           | Vertical   | 250            | 1.49          | -        |
| 2437MHz                  | Pass   | AV   | 7.31184G     | 53.60             | 54.00             | -0.40          | 3           | Vertical   | 180            | 1.42          | -        |
| 2437MHz                  | Pass   | PK   | 4.874G       | 49.04             | 74.00             | -24.96         | 3           | Vertical   | 250            | 1.49          | -        |
| 2437MHz                  | Pass   | PK   | 7.31202G     | 59.24             | 74.00             | -14.76         | 3           | Vertical   | 180            | 1.42          | -        |
| 2437MHz                  | Pass   | AV   | 4.87388G     | 33.60             | 54.00             | -20.40         | 3           | Horizontal | 295            | 1.88          | -        |
| 2437MHz                  | Pass   | AV   | 7.31178G     | 50.60             | 54.00             | -3.40          | 3           | Horizontal | 12             | 1.77          | -        |
| 2437MHz                  | Pass   | PK   | 4.87394G     | 43.04             | 74.00             | -30.96         | 3           | Horizontal | 295            | 1.88          | -        |
| 2437MHz                  | Pass   | PK   | 7.31016G     | 56.75             | 74.00             | -17.25         | 3           | Horizontal | 12             | 1.77          | -        |
| 2462MHz                  | Pass   | AV   | 2.4614G      | 109.36            | Inf               | -Inf           | 3           | Vertical   | 185            | 1.93          | -        |
| 2462MHz                  | Pass   | AV   | 2.484G       | 51.16             | 54.00             | -2.84          | 3           | Vertical   | 185            | 1.93          | -        |
| 2462MHz                  | Pass   | PK   | 2.4632G      | 113.35            | Inf               | -Inf           | 3           | Vertical   | 185            | 1.93          | -        |
| 2462MHz                  | Pass   | PK   | 2.4846G      | 60.43             | 74.00             | -13.57         | 3           | Vertical   | 185            | 1.93          | -        |
| 2462MHz                  | Pass   | AV   | 4.92418G     | 41.60             | 54.00             | -12.40         | 3           | Vertical   | 148            | 1.49          | -        |
| 2462MHz                  | Pass   | AV   | 7.3848G      | 53.21             | 54.00             | -0.79          | 3           | Vertical   | 177            | 1.59          | -        |
| 2462MHz                  | Pass   | PK   | 4.92406G     | 47.72             | 74.00             | -26.28         | 3           | Vertical   | 148            | 1.49          | -        |
| 2462MHz                  | Pass   | PK   | 7.38504G     | 58.63             | 74.00             | -15.37         | 3           | Vertical   | 177            | 1.59          | -        |
| 2462MHz                  | Pass   | AV   | 4.92412G     | 35.06             | 54.00             | -18.94         | 3           | Horizontal | 30             | 1.94          | -        |
| 2462MHz                  | Pass   | AV   | 7.3848G      | 50.42             | 54.00             | -3.58          | 3           | Horizontal | 49             | 1.83          | -        |
| 2462MHz                  | Pass   | PK   | 4.924G       | 43.76             | 74.00             | -30.24         | 3           | Horizontal | 30             | 1.94          | -        |
| 2462MHz                  | Pass   | PK   | 7.38462G     | 57.09             | 74.00             | -16.91         | 3           | Horizontal | 49             | 1.83          | -        |
| 802.11g_Nss1,(6Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                  | Pass   | AV   | 2.39G        | 51.55             | 54.00             | -2.45          | 3           | Vertical   | 168            | 2.17          | -        |
| 2412MHz                  | Pass   | AV   | 2.4162G      | 101.08            | Inf               | -Inf           | 3           | Vertical   | 168            | 2.17          | -        |
| 2412MHz                  | Pass   | PK   | 2.3898G      | 73.55             | 74.00             | -0.45          | 3           | Vertical   | 168            | 2.17          | -        |
| 2412MHz                  | Pass   | PK   | 2.4146G      | 111.02            | Inf               | -Inf           | 3           | Vertical   | 168            | 2.17          | -        |
| 2412MHz                  | Pass   | AV   | 4.83G        | 29.90             | 54.00             | -24.10         | 3           | Vertical   | 227            | 1.50          | -        |
| 2412MHz                  | Pass   | PK   | 4.8324G      | 43.55             | 74.00             | -30.45         | 3           | Vertical   | 227            | 1.50          | -        |
| 2412MHz                  | Pass   | AV   | 4.82502G     | 30.16             | 54.00             | -23.84         | 3           | Horizontal | 18             | 1.93          | -        |
| 2412MHz                  | Pass   | PK   | 4.82676G     | 42.95             | 74.00             | -31.05         | 3           | Horizontal | 18             | 1.93          | -        |



**RSE TX above 1GHz\_ Non Beamforming \_Sample  
2\_Radio 1\_Omni\_1T1S**

**Appendix F.6**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2417MHz                        | Pass   | AV   | 2.3898G      | 53.80             | 54.00             | -0.20          | 3           | Vertical   | 164            | 2.08          | -        |
| 2417MHz                        | Pass   | AV   | 2.4212G      | 103.71            | Inf               | -Inf           | 3           | Vertical   | 164            | 2.08          | -        |
| 2417MHz                        | Pass   | PK   | 2.39G        | 70.55             | 74.00             | -3.45          | 3           | Vertical   | 164            | 2.08          | -        |
| 2417MHz                        | Pass   | PK   | 2.4196G      | 113.61            | Inf               | -Inf           | 3           | Vertical   | 164            | 2.08          | -        |
| 2437MHz                        | Pass   | AV   | 2.3898G      | 53.26             | 54.00             | -0.74          | 3           | Vertical   | 22             | 1.78          | -        |
| 2437MHz                        | Pass   | AV   | 2.4394G      | 105.40            | Inf               | -Inf           | 3           | Vertical   | 22             | 1.78          | -        |
| 2437MHz                        | Pass   | AV   | 2.4838G      | 53.80             | 54.00             | -0.20          | 3           | Vertical   | 22             | 1.78          | -        |
| 2437MHz                        | Pass   | PK   | 2.389G       | 68.02             | 74.00             | -5.98          | 3           | Vertical   | 22             | 1.78          | -        |
| 2437MHz                        | Pass   | PK   | 2.4386G      | 115.33            | Inf               | -Inf           | 3           | Vertical   | 22             | 1.78          | -        |
| 2437MHz                        | Pass   | PK   | 2.487G       | 70.96             | 74.00             | -3.04          | 3           | Vertical   | 22             | 1.78          | -        |
| 2437MHz                        | Pass   | AV   | 4.87526G     | 36.17             | 54.00             | -17.83         | 3           | Vertical   | 153            | 1.46          | -        |
| 2437MHz                        | Pass   | AV   | 7.31238G     | 49.33             | 54.00             | -4.67          | 3           | Vertical   | 179            | 1.59          | -        |
| 2437MHz                        | Pass   | PK   | 4.87742G     | 49.62             | 74.00             | -24.38         | 3           | Vertical   | 153            | 1.46          | -        |
| 2437MHz                        | Pass   | PK   | 7.31514G     | 63.15             | 74.00             | -10.85         | 3           | Vertical   | 179            | 1.59          | -        |
| 2437MHz                        | Pass   | AV   | 4.8761G      | 31.81             | 54.00             | -22.19         | 3           | Horizontal | 25             | 1.00          | -        |
| 2437MHz                        | Pass   | AV   | 7.31256G     | 47.35             | 54.00             | -6.65          | 3           | Horizontal | 12             | 2.09          | -        |
| 2437MHz                        | Pass   | PK   | 4.88054G     | 45.02             | 74.00             | -28.98         | 3           | Horizontal | 25             | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 7.31514G     | 61.05             | 74.00             | -12.95         | 3           | Horizontal | 12             | 2.09          | -        |
| 2457MHz                        | Pass   | AV   | 2.4542G      | 102.77            | Inf               | -Inf           | 3           | Vertical   | 172            | 2.05          | -        |
| 2457MHz                        | Pass   | AV   | 2.4835G      | 53.11             | 54.00             | -0.89          | 3           | Vertical   | 172            | 2.05          | -        |
| 2457MHz                        | Pass   | PK   | 2.4596G      | 112.64            | Inf               | -Inf           | 3           | Vertical   | 172            | 2.05          | -        |
| 2457MHz                        | Pass   | PK   | 2.4835G      | 71.18             | 74.00             | -2.82          | 3           | Vertical   | 172            | 2.05          | -        |
| 2462MHz                        | Pass   | AV   | 2.4572G      | 100.27            | Inf               | -Inf           | 3           | Vertical   | 167            | 2.06          | -        |
| 2462MHz                        | Pass   | AV   | 2.4835G      | 47.66             | 54.00             | -6.34          | 3           | Vertical   | 167            | 2.06          | -        |
| 2462MHz                        | Pass   | PK   | 2.4554G      | 110.24            | Inf               | -Inf           | 3           | Vertical   | 167            | 2.06          | -        |
| 2462MHz                        | Pass   | PK   | 2.4835G      | 73.21             | 74.00             | -0.79          | 3           | Vertical   | 167            | 2.06          | -        |
| 2462MHz                        | Pass   | AV   | 4.92532G     | 30.25             | 54.00             | -23.75         | 3           | Vertical   | 183            | 1.68          | -        |
| 2462MHz                        | Pass   | AV   | 7.38402G     | 39.27             | 54.00             | -14.73         | 3           | Vertical   | 181            | 1.66          | -        |
| 2462MHz                        | Pass   | PK   | 4.9219G      | 43.85             | 74.00             | -30.15         | 3           | Vertical   | 183            | 1.68          | -        |
| 2462MHz                        | Pass   | PK   | 7.38726G     | 56.32             | 74.00             | -17.68         | 3           | Vertical   | 181            | 1.66          | -        |
| 2462MHz                        | Pass   | AV   | 4.9306G      | 30.00             | 54.00             | -24.00         | 3           | Horizontal | 26             | 1.25          | -        |
| 2462MHz                        | Pass   | AV   | 7.38594G     | 38.03             | 54.00             | -15.97         | 3           | Horizontal | 344            | 1.95          | -        |
| 2462MHz                        | Pass   | PK   | 4.91692G     | 43.18             | 74.00             | -30.82         | 3           | Horizontal | 26             | 1.25          | -        |
| 2462MHz                        | Pass   | PK   | 7.38804G     | 54.72             | 74.00             | -19.28         | 3           | Horizontal | 344            | 1.95          | -        |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                        | Pass   | AV   | 2.39G        | 53.93             | 54.00             | -0.07          | 3           | Vertical   | 163            | 1.73          | -        |
| 2412MHz                        | Pass   | AV   | 2.4152G      | 99.43             | Inf               | -Inf           | 3           | Vertical   | 163            | 1.73          | -        |
| 2412MHz                        | Pass   | PK   | 2.3894G      | 73.05             | 74.00             | -0.95          | 3           | Vertical   | 163            | 1.73          | -        |
| 2412MHz                        | Pass   | PK   | 2.409G       | 112.86            | Inf               | -Inf           | 3           | Vertical   | 163            | 1.73          | -        |
| 2412MHz                        | Pass   | AV   | 4.82796G     | 29.50             | 54.00             | -24.50         | 3           | Vertical   | 356            | 1.96          | -        |
| 2412MHz                        | Pass   | PK   | 4.82826G     | 43.24             | 74.00             | -30.76         | 3           | Vertical   | 356            | 1.96          | -        |
| 2412MHz                        | Pass   | AV   | 4.82742G     | 29.04             | 54.00             | -24.96         | 3           | Horizontal | 101            | 1.61          | -        |
| 2412MHz                        | Pass   | PK   | 4.8273G      | 42.63             | 74.00             | -31.37         | 3           | Horizontal | 101            | 1.61          | -        |
| 2417MHz                        | Pass   | AV   | 2.39G        | 53.90             | 54.00             | -0.10          | 3           | Vertical   | 165            | 2.09          | -        |
| 2417MHz                        | Pass   | AV   | 2.42G        | 101.42            | Inf               | -Inf           | 3           | Vertical   | 165            | 2.09          | -        |
| 2417MHz                        | Pass   | PK   | 2.3892G      | 72.68             | 74.00             | -1.32          | 3           | Vertical   | 165            | 2.09          | -        |
| 2417MHz                        | Pass   | PK   | 2.4138G      | 115.41            | Inf               | -Inf           | 3           | Vertical   | 165            | 2.09          | -        |
| 2437MHz                        | Pass   | AV   | 2.3898G      | 53.08             | 54.00             | -0.92          | 3           | Vertical   | 21             | 1.80          | -        |
| 2437MHz                        | Pass   | AV   | 2.435G       | 103.17            | Inf               | -Inf           | 3           | Vertical   | 21             | 1.80          | -        |



**RSE TX above 1GHz\_ Non Beamforming \_Sample  
2\_Radio 1\_Omni\_1T1S**

**Appendix F.6**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2437MHz                        | Pass   | AV   | 2.4835G      | 53.31             | 54.00             | -0.69          | 3           | Vertical   | 21             | 1.80          | -        |
| 2437MHz                        | Pass   | PK   | 2.389G       | 70.78             | 74.00             | -3.22          | 3           | Vertical   | 21             | 1.80          | -        |
| 2437MHz                        | Pass   | PK   | 2.4338G      | 117.42            | Inf               | -Inf           | 3           | Vertical   | 21             | 1.80          | -        |
| 2437MHz                        | Pass   | PK   | 2.4835G      | 70.54             | 74.00             | -3.46          | 3           | Vertical   | 21             | 1.80          | -        |
| 2437MHz                        | Pass   | AV   | 4.87292G     | 33.51             | 54.00             | -20.49         | 3           | Vertical   | 198            | 1.73          | -        |
| 2437MHz                        | Pass   | AV   | 7.31352G     | 46.37             | 54.00             | -7.63          | 3           | Vertical   | 228            | 1.99          | -        |
| 2437MHz                        | Pass   | PK   | 4.87202G     | 49.06             | 74.00             | -24.94         | 3           | Vertical   | 198            | 1.73          | -        |
| 2437MHz                        | Pass   | PK   | 7.3215G      | 60.96             | 74.00             | -13.04         | 3           | Vertical   | 228            | 1.99          | -        |
| 2437MHz                        | Pass   | AV   | 4.87496G     | 30.22             | 54.00             | -23.78         | 3           | Horizontal | 230            | 2.49          | -        |
| 2437MHz                        | Pass   | AV   | 7.31226G     | 44.44             | 54.00             | -9.56          | 3           | Horizontal | 50             | 1.75          | -        |
| 2437MHz                        | Pass   | PK   | 4.87382G     | 43.76             | 74.00             | -30.24         | 3           | Horizontal | 230            | 2.49          | -        |
| 2437MHz                        | Pass   | PK   | 7.31838G     | 58.17             | 74.00             | -15.83         | 3           | Horizontal | 122            | 2.24          | -        |
| 2457MHz                        | Pass   | AV   | 2.4554G      | 101.12            | Inf               | -Inf           | 3           | Vertical   | 170            | 2.03          | -        |
| 2457MHz                        | Pass   | AV   | 2.4835G      | 53.66             | 54.00             | -0.34          | 3           | Vertical   | 170            | 2.03          | -        |
| 2457MHz                        | Pass   | PK   | 2.454G       | 115.29            | Inf               | -Inf           | 3           | Vertical   | 170            | 2.03          | -        |
| 2457MHz                        | Pass   | PK   | 2.4842G      | 73.42             | 74.00             | -0.58          | 3           | Vertical   | 170            | 2.03          | -        |
| 2462MHz                        | Pass   | AV   | 2.4568G      | 99.28             | Inf               | -Inf           | 3           | Vertical   | 170            | 2.01          | -        |
| 2462MHz                        | Pass   | AV   | 2.4835G      | 50.55             | 54.00             | -3.45          | 3           | Vertical   | 170            | 2.01          | -        |
| 2462MHz                        | Pass   | PK   | 2.4552G      | 113.13            | Inf               | -Inf           | 3           | Vertical   | 170            | 2.01          | -        |
| 2462MHz                        | Pass   | PK   | 2.4835G      | 73.71             | 74.00             | -0.29          | 3           | Vertical   | 170            | 2.01          | -        |
| 2462MHz                        | Pass   | AV   | 4.92424G     | 29.76             | 54.00             | -24.24         | 3           | Vertical   | 34             | 1.66          | -        |
| 2462MHz                        | Pass   | AV   | 7.38558G     | 38.70             | 54.00             | -15.30         | 3           | Vertical   | 183            | 1.59          | -        |
| 2462MHz                        | Pass   | PK   | 4.93264G     | 43.46             | 74.00             | -30.54         | 3           | Vertical   | 34             | 1.66          | -        |
| 2462MHz                        | Pass   | PK   | 7.3773G      | 54.95             | 74.00             | -19.05         | 3           | Vertical   | 183            | 1.59          | -        |
| 2462MHz                        | Pass   | AV   | 4.91902G     | 28.98             | 54.00             | -25.02         | 3           | Horizontal | 169            | 1.50          | -        |
| 2462MHz                        | Pass   | AV   | 7.38594G     | 37.69             | 54.00             | -16.31         | 3           | Horizontal | 47             | 1.86          | -        |
| 2462MHz                        | Pass   | PK   | 4.91314G     | 42.67             | 74.00             | -31.33         | 3           | Horizontal | 169            | 1.50          | -        |
| 2462MHz                        | Pass   | PK   | 7.3896G      | 53.59             | 74.00             | -20.41         | 3           | Horizontal | 47             | 1.86          | -        |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2422MHz                        | Pass   | AV   | 2.3884G      | 53.90             | 54.00             | -0.10          | 3           | Vertical   | 167            | 2.20          | -        |
| 2422MHz                        | Pass   | AV   | 2.4172G      | 96.33             | Inf               | -Inf           | 3           | Vertical   | 167            | 2.20          | -        |
| 2422MHz                        | Pass   | AV   | 2.484G       | 46.74             | 54.00             | -7.26          | 3           | Vertical   | 167            | 2.20          | -        |
| 2422MHz                        | Pass   | PK   | 2.39G        | 68.47             | 74.00             | -5.53          | 3           | Vertical   | 167            | 2.20          | -        |
| 2422MHz                        | Pass   | PK   | 2.4144G      | 108.83            | Inf               | -Inf           | 3           | Vertical   | 167            | 2.20          | -        |
| 2422MHz                        | Pass   | PK   | 2.4835G      | 60.78             | 74.00             | -13.22         | 3           | Vertical   | 167            | 2.20          | -        |
| 2422MHz                        | Pass   | AV   | 4.84964G     | 30.53             | 54.00             | -23.47         | 3           | Vertical   | 221            | 1.49          | -        |
| 2422MHz                        | Pass   | AV   | 7.27608G     | 37.47             | 54.00             | -16.53         | 3           | Vertical   | 179            | 1.97          | -        |
| 2422MHz                        | Pass   | PK   | 4.841G       | 42.77             | 74.00             | -31.23         | 3           | Vertical   | 221            | 1.49          | -        |
| 2422MHz                        | Pass   | PK   | 7.2717G      | 50.03             | 74.00             | -23.97         | 3           | Vertical   | 179            | 1.97          | -        |
| 2422MHz                        | Pass   | AV   | 4.85858G     | 30.27             | 54.00             | -23.73         | 3           | Horizontal | 179            | 1.49          | -        |
| 2422MHz                        | Pass   | AV   | 7.25958G     | 36.47             | 54.00             | -17.53         | 3           | Horizontal | 346            | 1.81          | -        |
| 2422MHz                        | Pass   | PK   | 4.85222G     | 43.08             | 74.00             | -30.92         | 3           | Horizontal | 179            | 1.49          | -        |
| 2422MHz                        | Pass   | PK   | 7.25958G     | 49.87             | 74.00             | -24.13         | 3           | Horizontal | 346            | 1.81          | -        |
| 2427MHz                        | Pass   | AV   | 2.3898G      | 53.66             | 54.00             | -0.34          | 3           | Vertical   | 21             | 1.84          | -        |
| 2427MHz                        | Pass   | AV   | 2.4338G      | 97.57             | Inf               | -Inf           | 3           | Vertical   | 21             | 1.84          | -        |
| 2427MHz                        | Pass   | AV   | 2.4835G      | 48.78             | 54.00             | -5.22          | 3           | Vertical   | 21             | 1.84          | -        |
| 2427MHz                        | Pass   | PK   | 2.3858G      | 68.75             | 74.00             | -5.25          | 3           | Vertical   | 21             | 1.84          | -        |
| 2427MHz                        | Pass   | PK   | 2.4342G      | 108.76            | Inf               | -Inf           | 3           | Vertical   | 21             | 1.84          | -        |
| 2427MHz                        | Pass   | PK   | 2.4886G      | 62.69             | 74.00             | -11.31         | 3           | Vertical   | 21             | 1.84          | -        |

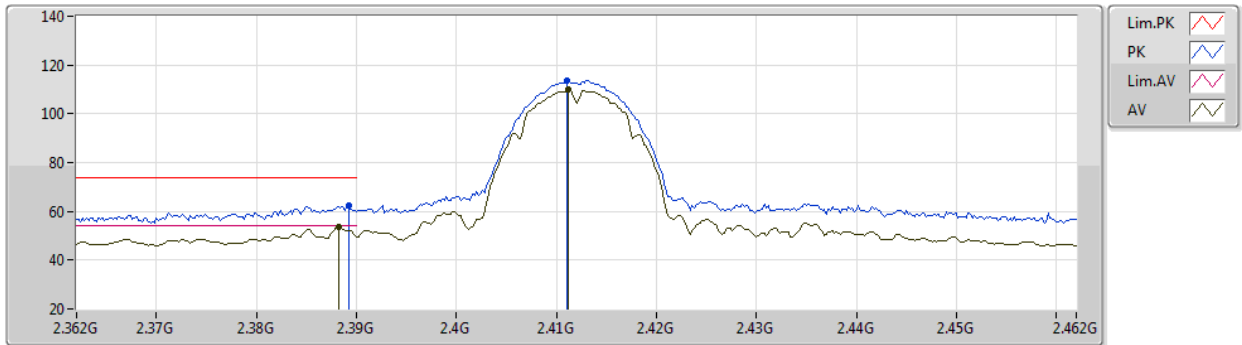
| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2437MHz | Pass   | AV   | 2.3898G      | 53.75             | 54.00             | -0.25          | 3           | Vertical   | 23             | 2.03          | -        |
| 2437MHz | Pass   | AV   | 2.4414G      | 98.36             | Inf               | -Inf           | 3           | Vertical   | 23             | 2.03          | -        |
| 2437MHz | Pass   | AV   | 2.4838G      | 53.42             | 54.00             | -0.58          | 3           | Vertical   | 23             | 2.03          | -        |
| 2437MHz | Pass   | PK   | 2.3878G      | 72.51             | 74.00             | -1.49          | 3           | Vertical   | 23             | 2.03          | -        |
| 2437MHz | Pass   | PK   | 2.429G       | 109.86            | Inf               | -Inf           | 3           | Vertical   | 23             | 2.03          | -        |
| 2437MHz | Pass   | PK   | 2.485G       | 69.83             | 74.00             | -4.17          | 3           | Vertical   | 23             | 2.03          | -        |
| 2437MHz | Pass   | AV   | 4.874G       | 31.04             | 54.00             | -22.96         | 3           | Vertical   | 354            | 1.52          | -        |
| 2437MHz | Pass   | AV   | 7.32018G     | 40.21             | 54.00             | -13.79         | 3           | Vertical   | 179            | 1.61          | -        |
| 2437MHz | Pass   | PK   | 4.87412G     | 43.85             | 74.00             | -30.15         | 3           | Vertical   | 354            | 1.52          | -        |
| 2437MHz | Pass   | PK   | 7.30578G     | 53.03             | 74.00             | -20.97         | 3           | Vertical   | 179            | 1.61          | -        |
| 2437MHz | Pass   | AV   | 4.8749G      | 30.43             | 54.00             | -23.57         | 3           | Horizontal | 325            | 1.50          | -        |
| 2437MHz | Pass   | AV   | 7.31238G     | 38.87             | 54.00             | -15.13         | 3           | Horizontal | 45             | 1.80          | -        |
| 2437MHz | Pass   | PK   | 4.86914G     | 42.70             | 74.00             | -31.30         | 3           | Horizontal | 325            | 1.50          | -        |
| 2437MHz | Pass   | PK   | 7.31202G     | 53.10             | 74.00             | -20.90         | 3           | Horizontal | 45             | 1.80          | -        |
| 2447MHz | Pass   | AV   | 2.3894G      | 50.15             | 54.00             | -3.85          | 3           | Vertical   | 176            | 2.00          | -        |
| 2447MHz | Pass   | AV   | 2.4514G      | 97.63             | Inf               | -Inf           | 3           | Vertical   | 176            | 2.00          | -        |
| 2447MHz | Pass   | AV   | 2.4846G      | 53.30             | 54.00             | -0.70          | 3           | Vertical   | 176            | 2.00          | -        |
| 2447MHz | Pass   | PK   | 2.3894G      | 65.29             | 74.00             | -8.71          | 3           | Vertical   | 176            | 2.00          | -        |
| 2447MHz | Pass   | PK   | 2.4522G      | 109.27            | Inf               | -Inf           | 3           | Vertical   | 176            | 2.00          | -        |
| 2447MHz | Pass   | PK   | 2.4835G      | 72.87             | 74.00             | -1.13          | 3           | Vertical   | 176            | 2.00          | -        |
| 2452MHz | Pass   | AV   | 2.3896G      | 49.06             | 54.00             | -4.94          | 3           | Vertical   | 170            | 2.03          | -        |
| 2452MHz | Pass   | AV   | 2.4564G      | 97.62             | Inf               | -Inf           | 3           | Vertical   | 170            | 2.03          | -        |
| 2452MHz | Pass   | AV   | 2.4856G      | 52.00             | 54.00             | -2.00          | 3           | Vertical   | 170            | 2.03          | -        |
| 2452MHz | Pass   | PK   | 2.3864G      | 63.11             | 74.00             | -10.89         | 3           | Vertical   | 170            | 2.03          | -        |
| 2452MHz | Pass   | PK   | 2.4444G      | 109.05            | Inf               | -Inf           | 3           | Vertical   | 170            | 2.03          | -        |
| 2452MHz | Pass   | PK   | 2.484G       | 73.84             | 74.00             | -0.16          | 3           | Vertical   | 170            | 2.03          | -        |
| 2452MHz | Pass   | AV   | 4.89584G     | 30.70             | 54.00             | -23.30         | 3           | Vertical   | 188            | 1.49          | -        |
| 2452MHz | Pass   | AV   | 7.35822G     | 38.47             | 54.00             | -15.53         | 3           | Vertical   | 179            | 1.56          | -        |
| 2452MHz | Pass   | PK   | 4.91282G     | 42.99             | 74.00             | -31.01         | 3           | Vertical   | 188            | 1.49          | -        |
| 2452MHz | Pass   | PK   | 7.35582G     | 51.90             | 74.00             | -22.10         | 3           | Vertical   | 179            | 1.56          | -        |
| 2452MHz | Pass   | AV   | 4.91606G     | 30.38             | 54.00             | -23.62         | 3           | Horizontal | 35             | 2.99          | -        |
| 2452MHz | Pass   | AV   | 7.3707G      | 36.97             | 54.00             | -17.03         | 3           | Horizontal | 0              | 1.82          | -        |
| 2452MHz | Pass   | PK   | 4.90412G     | 42.40             | 74.00             | -31.60         | 3           | Horizontal | 35             | 2.99          | -        |
| 2452MHz | Pass   | PK   | 7.36554G     | 49.69             | 74.00             | -24.31         | 3           | Horizontal | 0              | 1.82          | -        |



802.11b\_Nss1,(1Mbps)\_1TX

08/11/2019

2412MHz\_TX



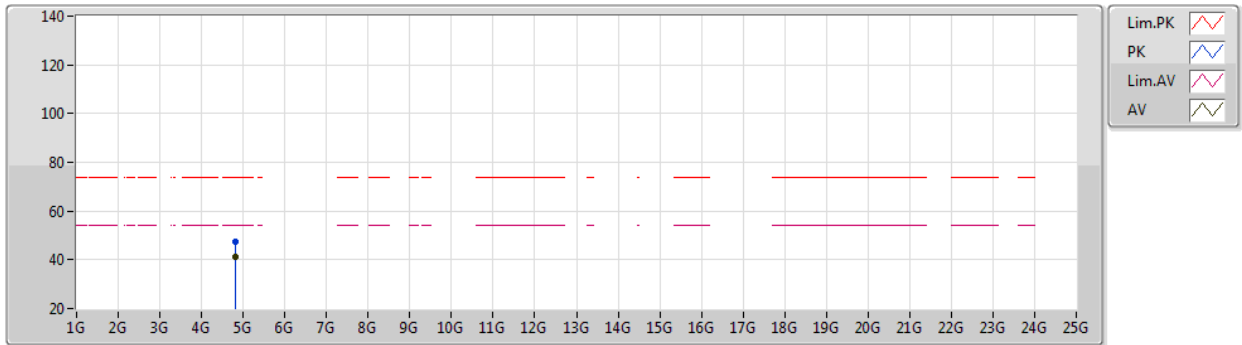
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3882G      | 53.72             | 54.00             | -0.28          | 32.08          | 3           | Vertical  | 173            | 1.76          | -       | 21.64         | 27.36      | 4.72       | -          |
| AV   | 2.4112G      | 109.83            | Inf               | -Inf           | 32.17          | 3           | Vertical  | 173            | 1.76          | -       | 77.66         | 27.43      | 4.74       | -          |
| PK   | 2.3892G      | 62.32             | 74.00             | -11.68         | 32.09          | 3           | Vertical  | 173            | 1.76          | -       | 30.23         | 27.37      | 4.72       | -          |
| PK   | 2.411G       | 113.57            | Inf               | -Inf           | 32.17          | 3           | Vertical  | 173            | 1.76          | -       | 81.40         | 27.43      | 4.74       | -          |



## 802.11b\_Nss1,(1Mbps)\_1TX

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### 2412MHz\_TX



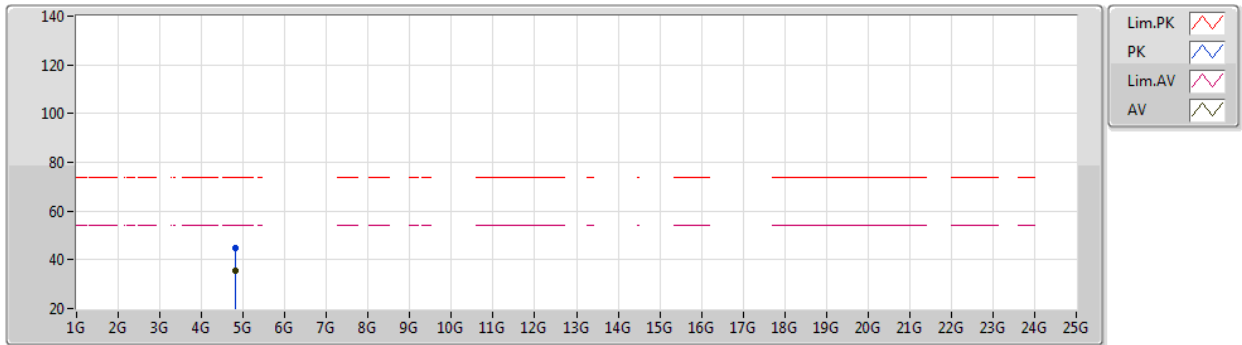
| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.82412G | 41.31    | 54.00    | -12.69 | 4.27   | 3    | Vertical  | 349     | 1.43   | -       | 37.04  | 31.38 | 6.79 | 33.90 |
| PK   | 4.82406G | 47.33    | 74.00    | -26.67 | 4.27   | 3    | Vertical  | 349     | 1.43   | -       | 43.06  | 31.38 | 6.79 | 33.90 |



802.11b\_Nss1,(1Mbps)\_1TX

08/11/2019

2412MHz\_TX

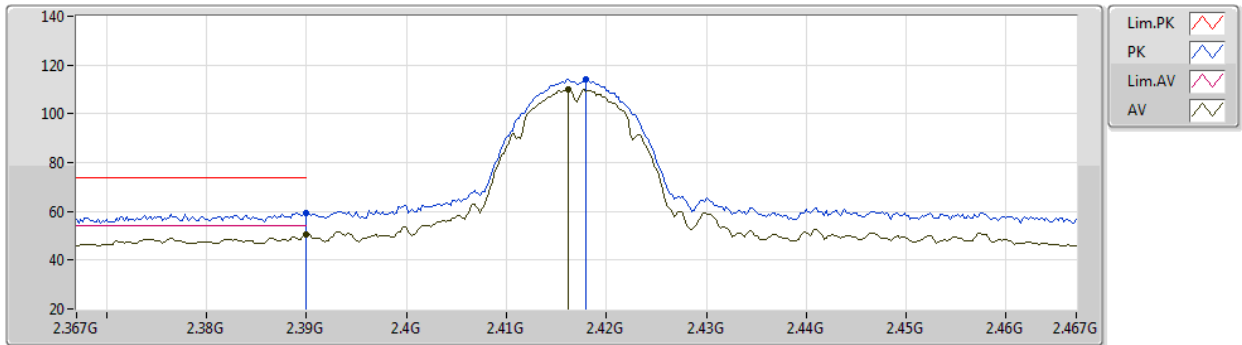


| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.824G | 35.34    | 54.00    | -18.66 | 4.27   | 3    | Horizontal | 285     | 1.90   | -       | 31.07  | 31.38 | 6.79 | 33.90 |
| PK   | 4.824G | 44.58    | 74.00    | -29.42 | 4.27   | 3    | Horizontal | 285     | 1.90   | -       | 40.31  | 31.38 | 6.79 | 33.90 |

## 802.11b\_Nss1,(1Mbps)\_1TX

08/11/2019

### 2417MHz\_TX

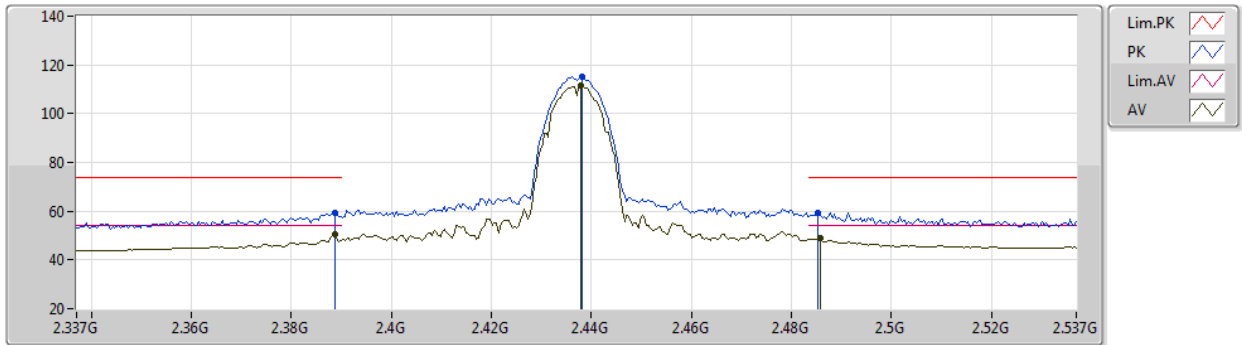


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.39G        | 50.46             | 54.00             | -3.54          | 32.09          | 3           | Vertical  | 160            | 1.78          | -       | 18.37         | 27.37      | 4.72       | -          |
| AV   | 2.4162G      | 110.15            | Inf               | -Inf           | 32.20          | 3           | Vertical  | 160            | 1.78          | -       | 77.95         | 27.45      | 4.75       | -          |
| PK   | 2.39G        | 59.12             | 74.00             | -14.88         | 32.09          | 3           | Vertical  | 160            | 1.78          | -       | 27.03         | 27.37      | 4.72       | -          |
| PK   | 2.418G       | 113.92            | Inf               | -Inf           | 32.20          | 3           | Vertical  | 160            | 1.78          | -       | 81.72         | 27.45      | 4.75       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX

07/11/2019

### 2437MHz\_TX

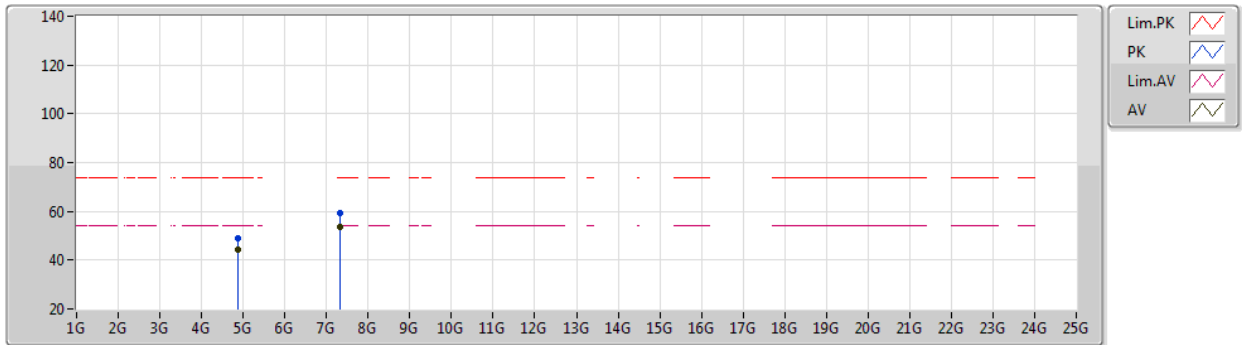


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3886G      | 50.41             | 54.00             | -3.59          | 32.09          | 3           | Vertical  | 177            | 1.76          | -       | 18.32         | 27.37      | 4.72       | -          |
| AV   | 2.4378G      | 111.40            | Inf               | -Inf           | 32.28          | 3           | Vertical  | 177            | 1.76          | -       | 79.12         | 27.51      | 4.77       | -          |
| AV   | 2.4858G      | 49.00             | 54.00             | -5.00          | 32.49          | 3           | Vertical  | 177            | 1.76          | -       | 16.51         | 27.66      | 4.83       | -          |
| PK   | 2.3886G      | 59.44             | 74.00             | -14.56         | 32.09          | 3           | Vertical  | 177            | 1.76          | -       | 27.35         | 27.37      | 4.72       | -          |
| PK   | 2.4382G      | 115.36            | Inf               | -Inf           | 32.28          | 3           | Vertical  | 177            | 1.76          | -       | 83.08         | 27.51      | 4.77       | -          |
| PK   | 2.4854G      | 59.30             | 74.00             | -14.70         | 32.49          | 3           | Vertical  | 177            | 1.76          | -       | 26.81         | 27.66      | 4.83       | -          |

**802.11b\_Nss1,(1Mbps)\_1TX**

07/11/2019

**2437MHz\_TX**

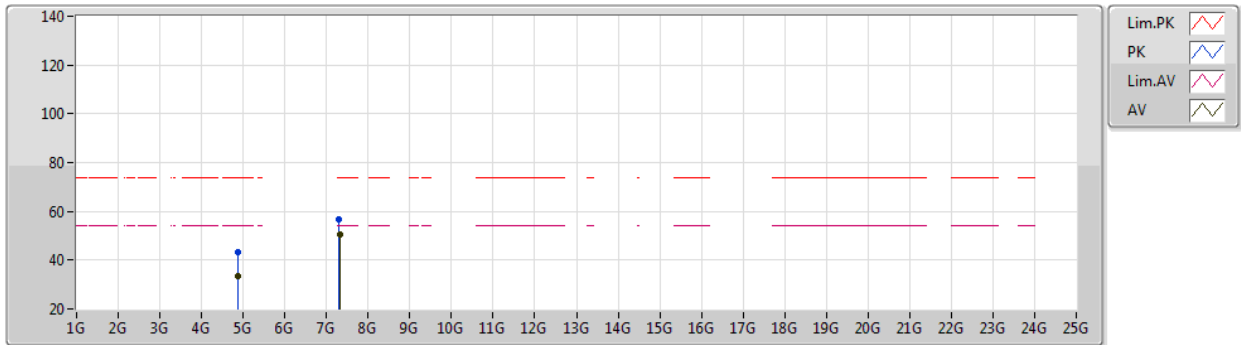


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87418G     | 44.51             | 54.00             | -9.49          | 4.41           | 3           | Vertical  | 250            | 1.49          | -       | 40.10         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31184G     | 53.60             | 54.00             | -0.40          | 10.51          | 3           | Vertical  | 180            | 1.42          | -       | 43.09         | 36.01      | 8.61       | 34.11      |
| PK   | 4.874G       | 49.04             | 74.00             | -24.96         | 4.41           | 3           | Vertical  | 250            | 1.49          | -       | 44.63         | 31.47      | 6.81       | 33.87      |
| PK   | 7.31202G     | 59.24             | 74.00             | -14.76         | 10.51          | 3           | Vertical  | 180            | 1.42          | -       | 48.73         | 36.01      | 8.61       | 34.11      |

## 802.11b\_Nss1,(1Mbps)\_1TX

07/11/2019

### 2437MHz\_TX

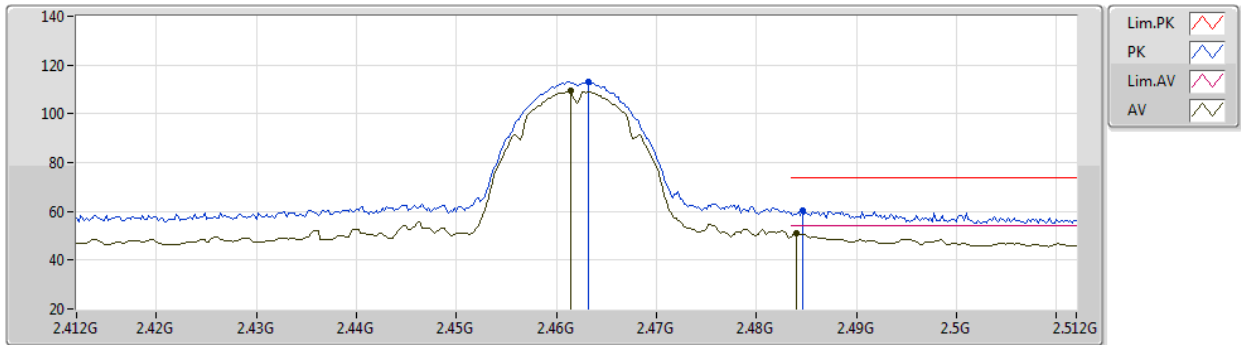


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87388G     | 33.60             | 54.00             | -20.40         | 4.41           | 3           | Horizontal | 295            | 1.88          | -       | 29.19         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31178G     | 50.60             | 54.00             | -3.40          | 10.51          | 3           | Horizontal | 12             | 1.77          | -       | 40.09         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87394G     | 43.04             | 74.00             | -30.96         | 4.41           | 3           | Horizontal | 295            | 1.88          | -       | 38.63         | 31.47      | 6.81       | 33.87      |
| PK   | 7.31016G     | 56.75             | 74.00             | -17.25         | 10.51          | 3           | Horizontal | 12             | 1.77          | -       | 46.24         | 36.01      | 8.61       | 34.11      |

## 802.11b\_Nss1,(1Mbps)\_1TX

08/11/2019

### 2462MHz\_TX

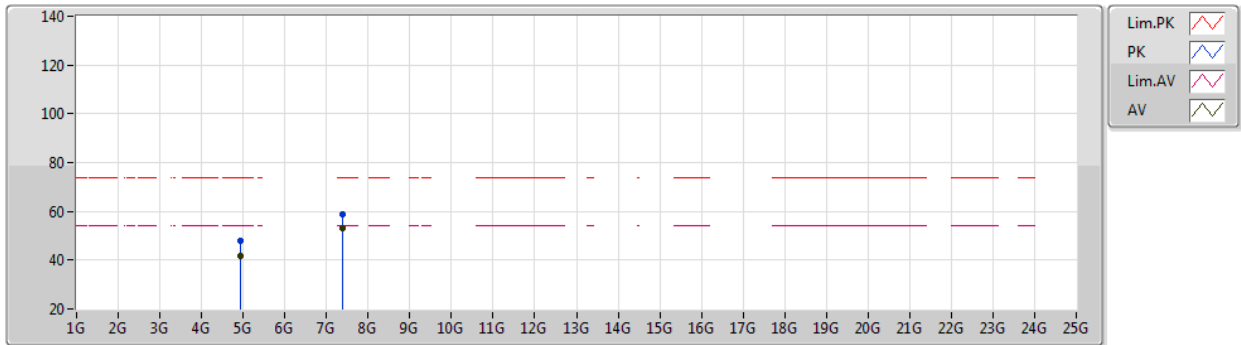


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4614G      | 109.36            | Inf               | -Inf           | 32.38          | 3           | Vertical  | 185            | 1.93          | -       | 76.98         | 27.58      | 4.80       | -          |
| AV   | 2.484G       | 51.16             | 54.00             | -2.84          | 32.48          | 3           | Vertical  | 185            | 1.93          | -       | 18.68         | 27.65      | 4.83       | -          |
| PK   | 2.4632G      | 113.35            | Inf               | -Inf           | 32.39          | 3           | Vertical  | 185            | 1.93          | -       | 80.96         | 27.59      | 4.80       | -          |
| PK   | 2.4846G      | 60.43             | 74.00             | -13.57         | 32.48          | 3           | Vertical  | 185            | 1.93          | -       | 27.95         | 27.65      | 4.83       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX

08/11/2019

### 2462MHz\_TX

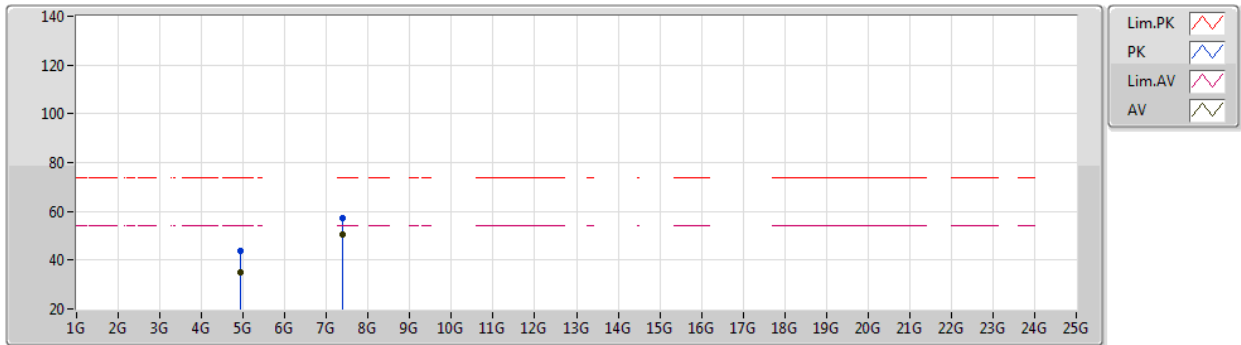


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92418G     | 41.60             | 54.00             | -12.40         | 4.53           | 3           | Vertical  | 148            | 1.49          | -       | 37.07         | 31.56      | 6.82       | 33.85      |
| AV   | 7.3848G      | 53.21             | 54.00             | -0.79          | 10.74          | 3           | Vertical  | 177            | 1.59          | -       | 42.47         | 36.20      | 8.65       | 34.11      |
| PK   | 4.92406G     | 47.72             | 74.00             | -26.28         | 4.53           | 3           | Vertical  | 148            | 1.49          | -       | 43.19         | 31.56      | 6.82       | 33.85      |
| PK   | 7.38504G     | 58.63             | 74.00             | -15.37         | 10.74          | 3           | Vertical  | 177            | 1.59          | -       | 47.89         | 36.20      | 8.65       | 34.11      |

## 802.11b\_Nss1,(1Mbps)\_1TX

08/11/2019

### 2462MHz\_TX

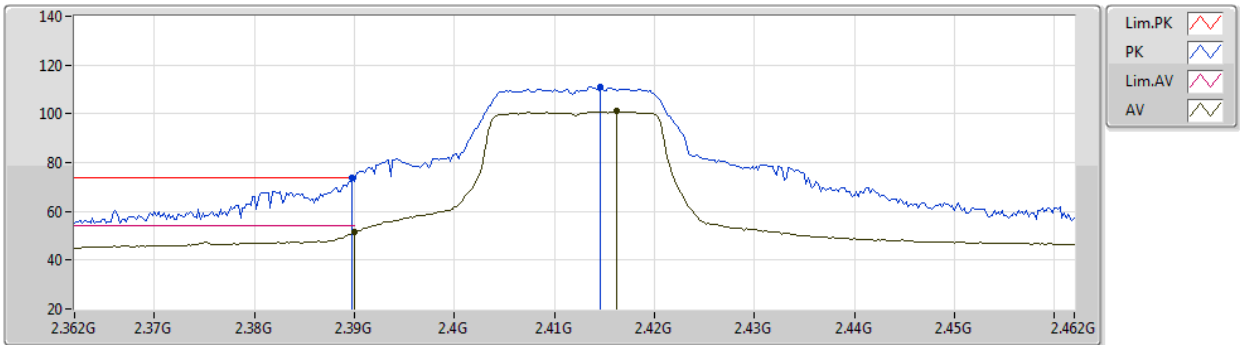


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92412G     | 35.06             | 54.00             | -18.94         | 4.53           | 3           | Horizontal | 30             | 1.94          | -       | 30.53         | 31.56      | 6.82       | 33.85      |
| AV   | 7.3848G      | 50.42             | 54.00             | -3.58          | 10.74          | 3           | Horizontal | 49             | 1.83          | -       | 39.68         | 36.20      | 8.65       | 34.11      |
| PK   | 4.924G       | 43.76             | 74.00             | -30.24         | 4.53           | 3           | Horizontal | 30             | 1.94          | -       | 39.23         | 31.56      | 6.82       | 33.85      |
| PK   | 7.38462G     | 57.09             | 74.00             | -16.91         | 10.74          | 3           | Horizontal | 49             | 1.83          | -       | 46.35         | 36.20      | 8.65       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2412MHz\_TX

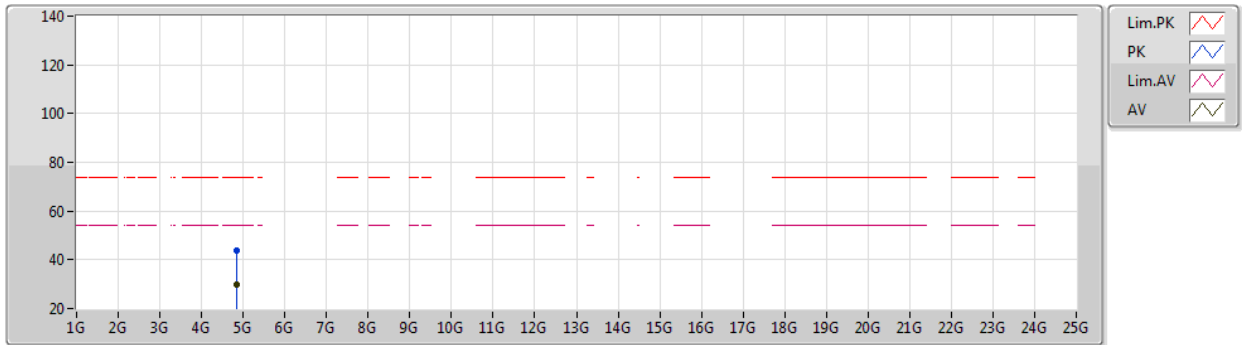


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.39G        | 51.55             | 54.00             | -2.45          | 32.09          | 3           | Vertical  | 168            | 2.17          | -       | 19.46         | 27.37      | 4.72       | -          |
| AV   | 2.4162G      | 101.08            | Inf               | -Inf           | 32.20          | 3           | Vertical  | 168            | 2.17          | -       | 68.88         | 27.45      | 4.75       | -          |
| PK   | 2.3898G      | 73.55             | 74.00             | -0.45          | 32.09          | 3           | Vertical  | 168            | 2.17          | -       | 41.46         | 27.37      | 4.72       | -          |
| PK   | 2.4146G      | 111.02            | Inf               | -Inf           | 32.19          | 3           | Vertical  | 168            | 2.17          | -       | 78.83         | 27.44      | 4.75       | -          |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2412MHz\_TX



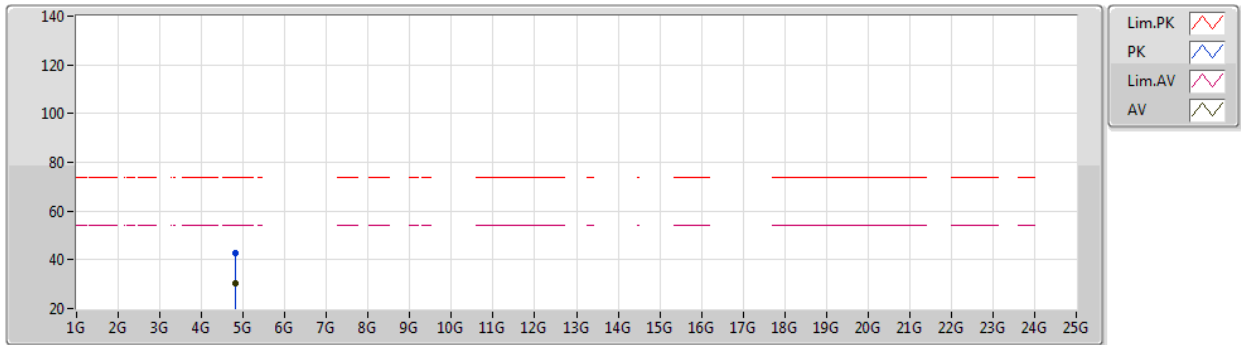
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.83G        | 29.90             | 54.00             | -24.10         | 4.29           | 3           | Vertical  | 227            | 1.50          | -       | 25.61         | 31.39      | 6.79       | 33.89      |
| PK   | 4.8324G      | 43.55             | 74.00             | -30.45         | 4.30           | 3           | Vertical  | 227            | 1.50          | -       | 39.25         | 31.40      | 6.79       | 33.89      |



802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

2412MHz\_TX

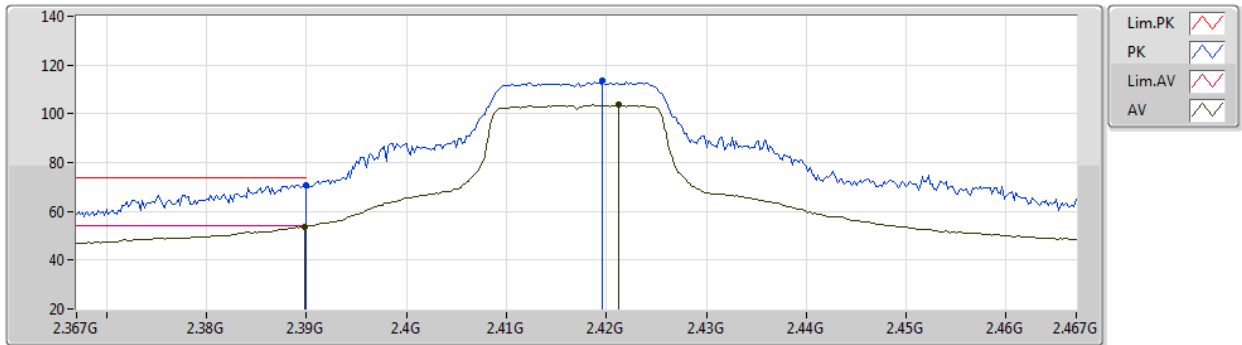


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82502G     | 30.16             | 54.00             | -23.84         | 4.28           | 3           | Horizontal | 18             | 1.93          | -       | 25.88         | 31.39      | 6.79       | 33.90      |
| PK   | 4.82676G     | 42.95             | 74.00             | -31.05         | 4.28           | 3           | Horizontal | 18             | 1.93          | -       | 38.67         | 31.39      | 6.79       | 33.90      |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2417MHz\_TX

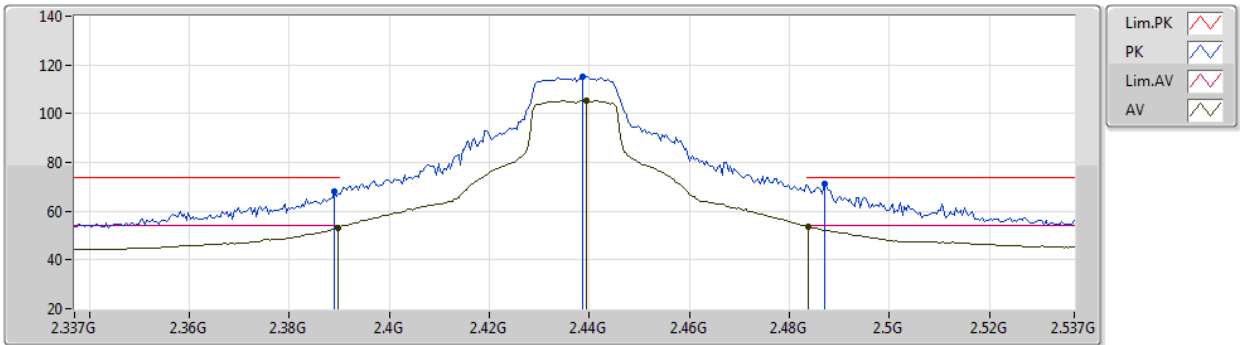


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.80             | 54.00             | -0.20          | 32.09          | 3           | Vertical  | 164            | 2.08          | -       | 21.71         | 27.37      | 4.72       | -          |
| AV   | 2.4212G      | 103.71            | Inf               | -Inf           | 32.21          | 3           | Vertical  | 164            | 2.08          | -       | 71.50         | 27.46      | 4.75       | -          |
| PK   | 2.39G        | 70.55             | 74.00             | -3.45          | 32.09          | 3           | Vertical  | 164            | 2.08          | -       | 38.46         | 27.37      | 4.72       | -          |
| PK   | 2.4196G      | 113.61            | Inf               | -Inf           | 32.21          | 3           | Vertical  | 164            | 2.08          | -       | 81.40         | 27.46      | 4.75       | -          |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2437MHz\_TX

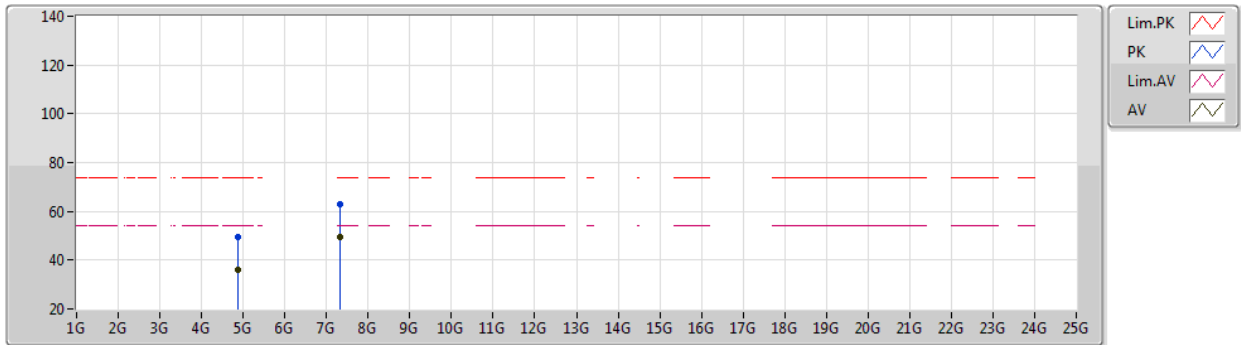


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.26             | 54.00             | -0.74          | 32.09          | 3           | Vertical  | 22             | 1.78          | -       | 21.17         | 27.37      | 4.72       | -          |
| AV   | 2.4394G      | 105.40            | Inf               | -Inf           | 32.30          | 3           | Vertical  | 22             | 1.78          | -       | 73.10         | 27.52      | 4.78       | -          |
| AV   | 2.4838G      | 53.80             | 54.00             | -0.20          | 32.48          | 3           | Vertical  | 22             | 1.78          | -       | 21.32         | 27.65      | 4.83       | -          |
| PK   | 2.389G       | 68.02             | 74.00             | -5.98          | 32.09          | 3           | Vertical  | 22             | 1.78          | -       | 35.93         | 27.37      | 4.72       | -          |
| PK   | 2.4386G      | 115.33            | Inf               | -Inf           | 32.30          | 3           | Vertical  | 22             | 1.78          | -       | 83.03         | 27.52      | 4.78       | -          |
| PK   | 2.487G       | 70.96             | 74.00             | -3.04          | 32.49          | 3           | Vertical  | 22             | 1.78          | -       | 38.47         | 27.66      | 4.83       | -          |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2437MHz\_TX

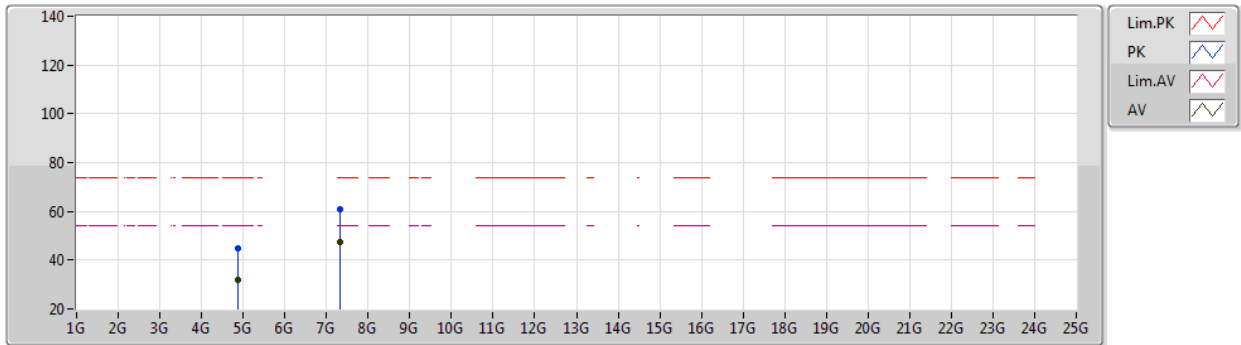


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87526G     | 36.17             | 54.00             | -17.83         | 4.42           | 3           | Vertical  | 153            | 1.46          | -       | 31.75         | 31.48      | 6.81       | 33.87      |
| AV   | 7.31238G     | 49.33             | 54.00             | -4.67          | 10.51          | 3           | Vertical  | 179            | 1.59          | -       | 38.82         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87742G     | 49.62             | 74.00             | -24.38         | 4.42           | 3           | Vertical  | 153            | 1.46          | -       | 45.20         | 31.48      | 6.81       | 33.87      |
| PK   | 7.31514G     | 63.15             | 74.00             | -10.85         | 10.52          | 3           | Vertical  | 179            | 1.59          | -       | 52.63         | 36.02      | 8.61       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2437MHz\_TX

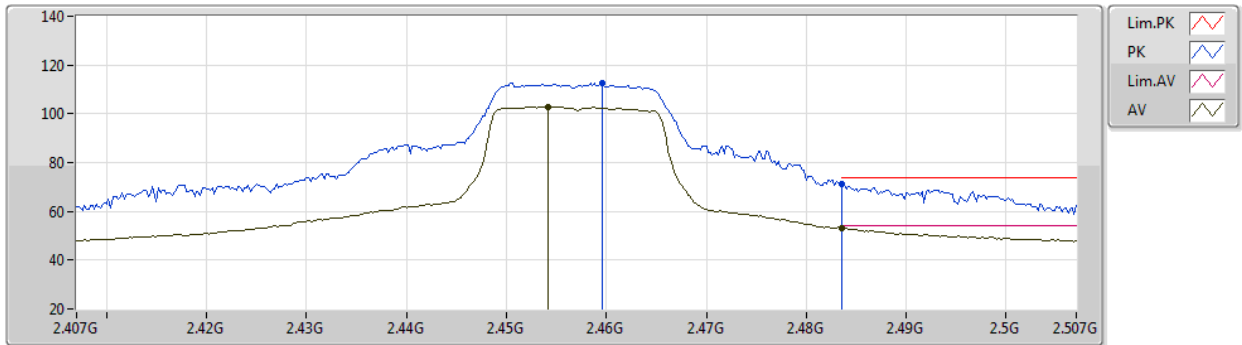


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.8761G      | 31.81             | 54.00             | -22.19         | 4.42           | 3           | Horizontal | 25             | 1.00          | -       | 27.39         | 31.48      | 6.81       | 33.87      |
| AV   | 7.31256G     | 47.35             | 54.00             | -6.65          | 10.51          | 3           | Horizontal | 12             | 2.09          | -       | 36.84         | 36.01      | 8.61       | 34.11      |
| PK   | 4.88054G     | 45.02             | 74.00             | -28.98         | 4.42           | 3           | Horizontal | 25             | 1.00          | -       | 40.60         | 31.48      | 6.81       | 33.87      |
| PK   | 7.31514G     | 61.05             | 74.00             | -12.95         | 10.52          | 3           | Horizontal | 12             | 2.09          | -       | 50.53         | 36.02      | 8.61       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2457MHz\_TX

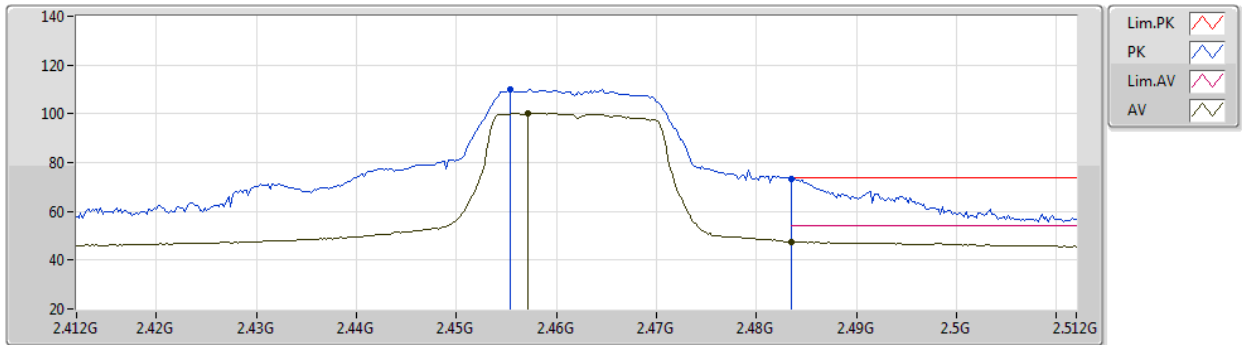


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4542G      | 102.77            | Inf               | -Inf           | 32.35          | 3           | Vertical  | 172            | 2.05          | -       | 70.42         | 27.56      | 4.79       | -          |
| AV   | 2.4835G      | 53.11             | 54.00             | -0.89          | 32.48          | 3           | Vertical  | 172            | 2.05          | -       | 20.63         | 27.65      | 4.83       | -          |
| PK   | 2.4596G      | 112.64            | Inf               | -Inf           | 32.38          | 3           | Vertical  | 172            | 2.05          | -       | 80.26         | 27.58      | 4.80       | -          |
| PK   | 2.4835G      | 71.18             | 74.00             | -2.82          | 32.48          | 3           | Vertical  | 172            | 2.05          | -       | 38.70         | 27.65      | 4.83       | -          |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

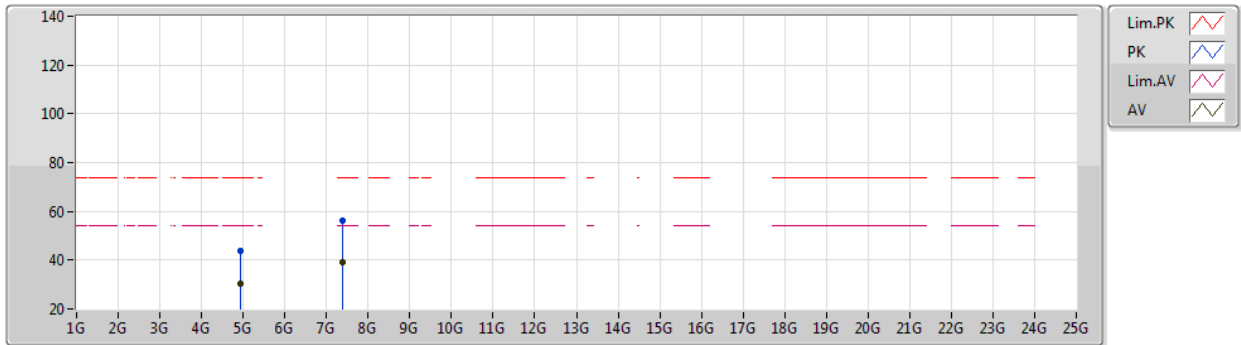
### 2462MHz\_TX



## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2462MHz\_TX

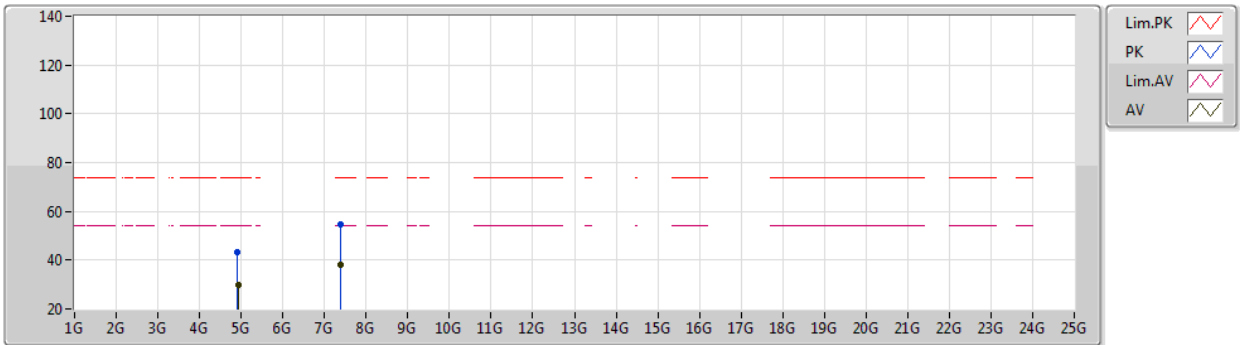


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92532G     | 30.25             | 54.00             | -23.75         | 4.55           | 3           | Vertical  | 183            | 1.68          | -       | 25.70         | 31.57      | 6.82       | 33.84      |
| AV   | 7.38402G     | 39.27             | 54.00             | -14.73         | 10.74          | 3           | Vertical  | 181            | 1.66          | -       | 28.53         | 36.20      | 8.65       | 34.11      |
| PK   | 4.9219G      | 43.85             | 74.00             | -30.15         | 4.53           | 3           | Vertical  | 183            | 1.68          | -       | 39.32         | 31.56      | 6.82       | 33.85      |
| PK   | 7.38726G     | 56.32             | 74.00             | -17.68         | 10.75          | 3           | Vertical  | 181            | 1.66          | -       | 45.57         | 36.21      | 8.65       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_1TX

08/11/2019

### 2462MHz\_TX

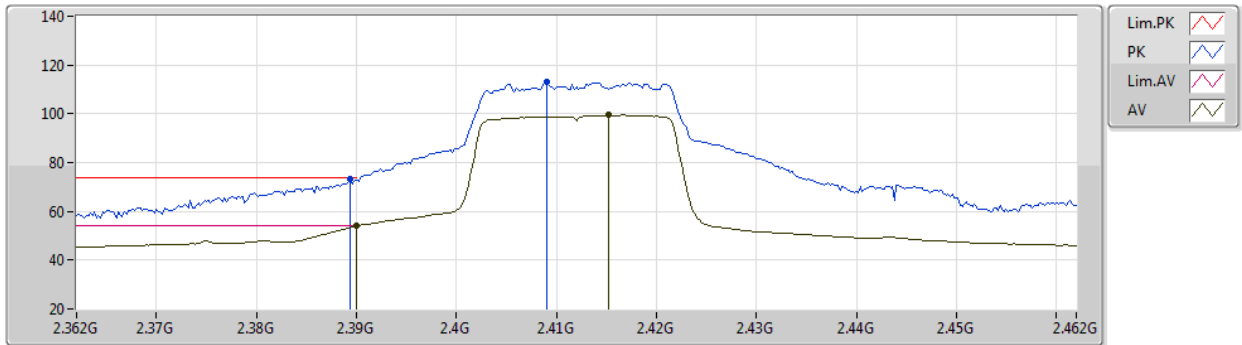


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.9306G      | 30.00             | 54.00             | -24.00         | 4.57           | 3           | Horizontal | 26             | 1.25          | -       | 25.43         | 31.58      | 6.83       | 33.84      |
| AV   | 7.38594G     | 38.03             | 54.00             | -15.97         | 10.74          | 3           | Horizontal | 344            | 1.95          | -       | 27.29         | 36.20      | 8.65       | 34.11      |
| PK   | 4.91692G     | 43.18             | 74.00             | -30.82         | 4.52           | 3           | Horizontal | 26             | 1.25          | -       | 38.66         | 31.55      | 6.82       | 33.85      |
| PK   | 7.38804G     | 54.72             | 74.00             | -19.28         | 10.75          | 3           | Horizontal | 344            | 1.95          | -       | 43.97         | 36.21      | 8.65       | 34.11      |

# 802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

## 2412MHz\_TX



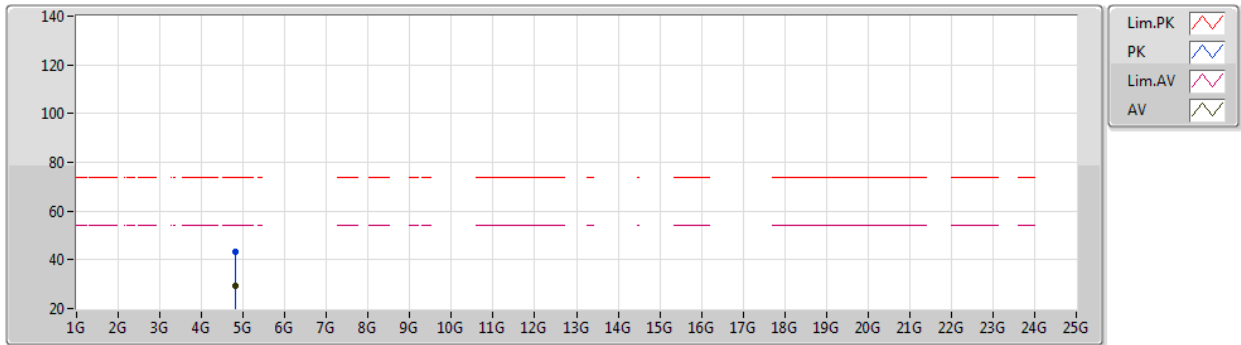
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.39G        | 53.93             | 54.00             | -0.07          | 32.09          | 3           | Vertical  | 163            | 1.73          | -       | 21.84         | 27.37      | 4.72       | -          |
| AV   | 2.4152G      | 99.43             | Inf               | -Inf           | 32.20          | 3           | Vertical  | 163            | 1.73          | -       | 67.23         | 27.45      | 4.75       | -          |
| PK   | 2.3894G      | 73.05             | 74.00             | -0.95          | 32.09          | 3           | Vertical  | 163            | 1.73          | -       | 40.96         | 27.37      | 4.72       | -          |
| PK   | 2.409G       | 112.86            | Inf               | -Inf           | 32.17          | 3           | Vertical  | 163            | 1.73          | -       | 80.69         | 27.43      | 4.74       | -          |



802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

2412MHz\_TX



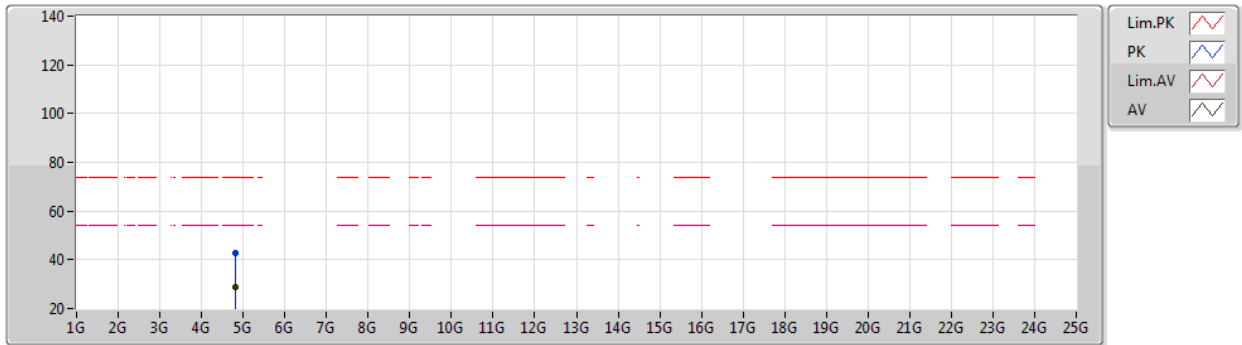
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82796G     | 29.50             | 54.00             | -24.50         | 4.28           | 3           | Vertical  | 356            | 1.96          | -       | 25.22         | 31.39      | 6.79       | 33.90      |
| PK   | 4.82826G     | 43.24             | 74.00             | -30.76         | 4.28           | 3           | Vertical  | 356            | 1.96          | -       | 38.96         | 31.39      | 6.79       | 33.90      |



802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

2412MHz\_TX

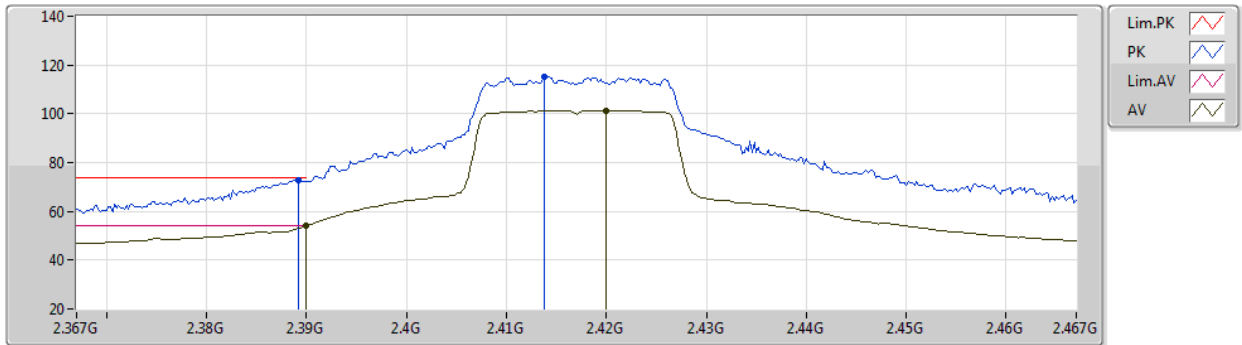


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82742G     | 29.04             | 54.00             | -24.96         | 4.28           | 3           | Horizontal | 101            | 1.61          | -       | 24.76         | 31.39      | 6.79       | 33.90      |
| PK   | 4.8273G      | 42.63             | 74.00             | -31.37         | 4.28           | 3           | Horizontal | 101            | 1.61          | -       | 38.35         | 31.39      | 6.79       | 33.90      |

# 802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

## 2417MHz\_TX

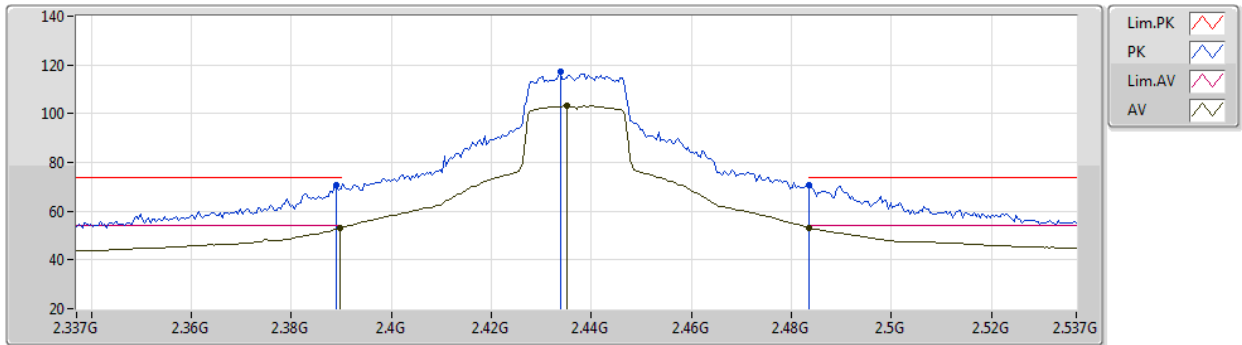


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.39G        | 53.90             | 54.00             | -0.10          | 32.09          | 3           | Vertical  | 165            | 2.09          | -       | 21.81         | 27.37      | 4.72       | -          |
| AV   | 2.42G        | 101.42            | Inf               | -Inf           | 32.21          | 3           | Vertical  | 165            | 2.09          | -       | 69.21         | 27.46      | 4.75       | -          |
| PK   | 2.3892G      | 72.68             | 74.00             | -1.32          | 32.09          | 3           | Vertical  | 165            | 2.09          | -       | 40.59         | 27.37      | 4.72       | -          |
| PK   | 2.4138G      | 115.41            | Inf               | -Inf           | 32.19          | 3           | Vertical  | 165            | 2.09          | -       | 83.22         | 27.44      | 4.75       | -          |

# 802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

## 2437MHz\_TX

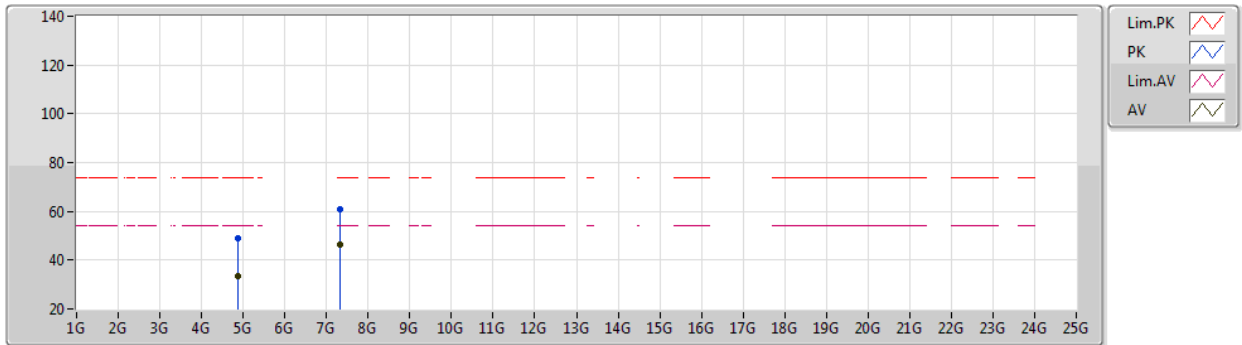


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.08             | 54.00             | -0.92          | 32.09          | 3           | Vertical  | 21             | 1.80          | -       | 20.99         | 27.37      | 4.72       | -          |
| AV   | 2.435G       | 103.17            | Inf               | -Inf           | 32.27          | 3           | Vertical  | 21             | 1.80          | -       | 70.90         | 27.50      | 4.77       | -          |
| AV   | 2.4835G      | 53.31             | 54.00             | -0.69          | 32.48          | 3           | Vertical  | 21             | 1.80          | -       | 20.83         | 27.65      | 4.83       | -          |
| PK   | 2.389G       | 70.78             | 74.00             | -3.22          | 32.09          | 3           | Vertical  | 21             | 1.80          | -       | 38.69         | 27.37      | 4.72       | -          |
| PK   | 2.4338G      | 117.42            | Inf               | -Inf           | 32.27          | 3           | Vertical  | 21             | 1.80          | -       | 85.15         | 27.50      | 4.77       | -          |
| PK   | 2.4835G      | 70.54             | 74.00             | -3.46          | 32.48          | 3           | Vertical  | 21             | 1.80          | -       | 38.06         | 27.65      | 4.83       | -          |

# 802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

## 2437MHz\_TX

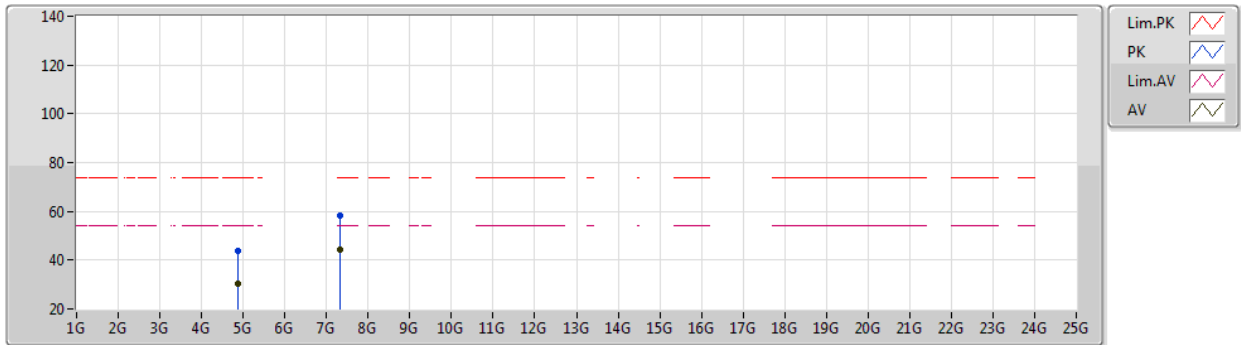


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87292G     | 33.51             | 54.00             | -20.49         | 4.41           | 3           | Vertical  | 198            | 1.73          | -       | 29.10         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31352G     | 46.37             | 54.00             | -7.63          | 10.52          | 3           | Vertical  | 228            | 1.99          | -       | 35.85         | 36.02      | 8.61       | 34.11      |
| PK   | 4.87202G     | 49.06             | 74.00             | -24.94         | 4.41           | 3           | Vertical  | 198            | 1.73          | -       | 44.65         | 31.47      | 6.81       | 33.87      |
| PK   | 7.3215G      | 60.96             | 74.00             | -13.04         | 10.55          | 3           | Vertical  | 228            | 1.99          | -       | 50.41         | 36.04      | 8.62       | 34.11      |

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**

08/11/2019

**2437MHz\_TX**

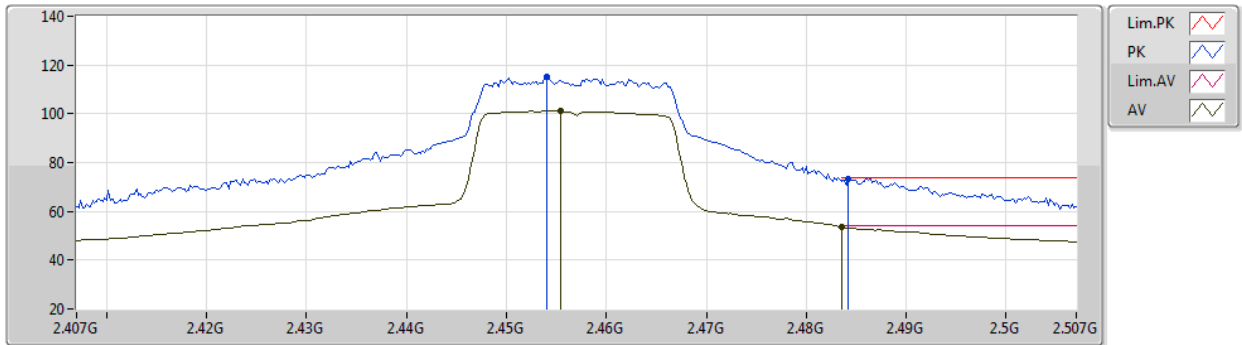


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87496G     | 30.22             | 54.00             | -23.78         | 4.41           | 3           | Horizontal | 230            | 2.49          | -       | 25.81         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31226G     | 44.44             | 54.00             | -9.56          | 10.51          | 3           | Horizontal | 50             | 1.75          | -       | 33.93         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87382G     | 43.76             | 74.00             | -30.24         | 4.41           | 3           | Horizontal | 230            | 2.49          | -       | 39.35         | 31.47      | 6.81       | 33.87      |
| PK   | 7.31838G     | 58.17             | 74.00             | -15.83         | 10.54          | 3           | Horizontal | 122            | 2.24          | -       | 47.63         | 36.03      | 8.62       | 34.11      |

# 802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

## 2457MHz\_TX

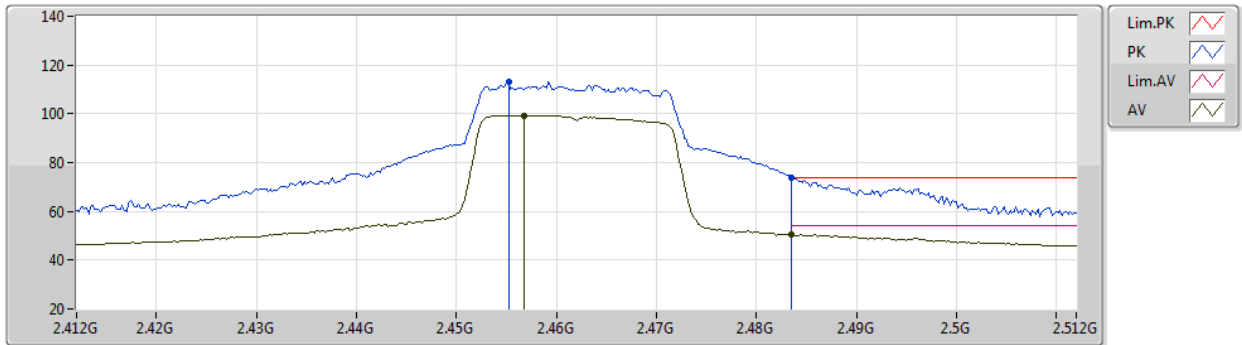


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4554G      | 101.12            | Inf               | -Inf           | 32.36          | 3           | Vertical  | 170            | 2.03          | -       | 68.76         | 27.57      | 4.79       | -          |
| AV   | 2.4835G      | 53.66             | 54.00             | -0.34          | 32.48          | 3           | Vertical  | 170            | 2.03          | -       | 21.18         | 27.65      | 4.83       | -          |
| PK   | 2.454G       | 115.29            | Inf               | -Inf           | 32.35          | 3           | Vertical  | 170            | 2.03          | -       | 82.94         | 27.56      | 4.79       | -          |
| PK   | 2.4842G      | 73.42             | 74.00             | -0.58          | 32.48          | 3           | Vertical  | 170            | 2.03          | -       | 40.94         | 27.65      | 4.83       | -          |

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**

08/11/2019

**2462MHz\_TX**

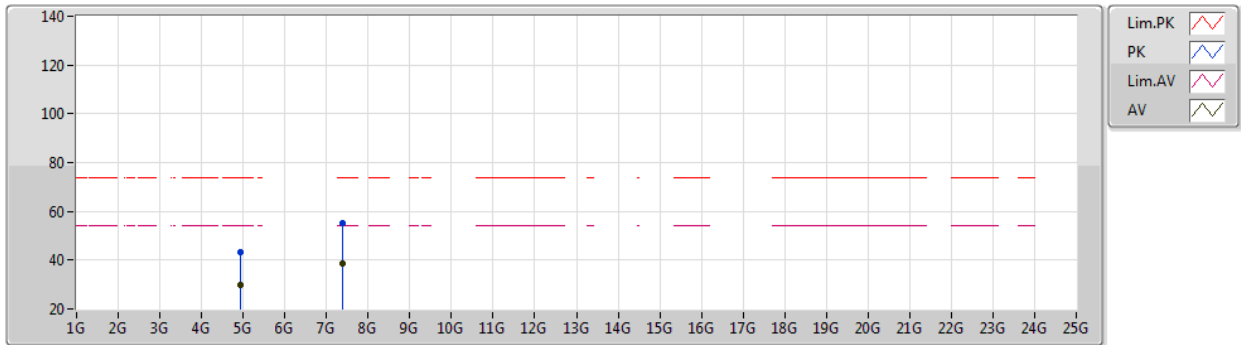


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4568G      | 99.28             | Inf               | -Inf           | 32.37          | 3           | Vertical  | 170            | 2.01          | -       | 66.91         | 27.57      | 4.80       | -          |
| AV   | 2.4835G      | 50.55             | 54.00             | -3.45          | 32.48          | 3           | Vertical  | 170            | 2.01          | -       | 18.07         | 27.65      | 4.83       | -          |
| PK   | 2.4552G      | 113.13            | Inf               | -Inf           | 32.36          | 3           | Vertical  | 170            | 2.01          | -       | 80.77         | 27.57      | 4.79       | -          |
| PK   | 2.4835G      | 73.71             | 74.00             | -0.29          | 32.48          | 3           | Vertical  | 170            | 2.01          | -       | 41.23         | 27.65      | 4.83       | -          |

## 802.11ax HEW20\_Nss1,(MCS0)\_1TX

08/11/2019

### 2462MHz\_TX

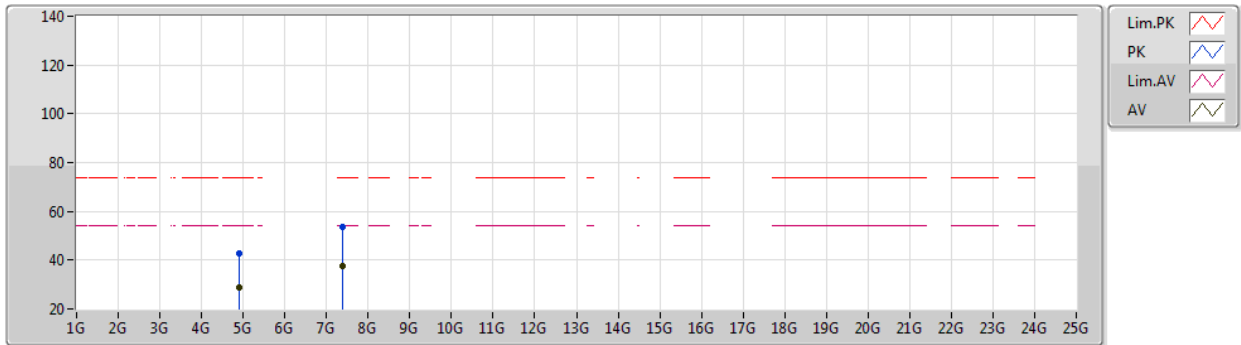


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92424G     | 29.76             | 54.00             | -24.24         | 4.53           | 3           | Vertical  | 34             | 1.66          | -       | 25.23         | 31.56      | 6.82       | 33.85      |
| AV   | 7.38558G     | 38.70             | 54.00             | -15.30         | 10.74          | 3           | Vertical  | 183            | 1.59          | -       | 27.96         | 36.20      | 8.65       | 34.11      |
| PK   | 4.93264G     | 43.46             | 74.00             | -30.54         | 4.57           | 3           | Vertical  | 34             | 1.66          | -       | 38.89         | 31.58      | 6.83       | 33.84      |
| PK   | 7.3773G      | 54.95             | 74.00             | -19.05         | 10.72          | 3           | Vertical  | 183            | 1.59          | -       | 44.23         | 36.18      | 8.65       | 34.11      |

**802.11ax HEW20\_Nss1,(MCS0)\_1TX**

08/11/2019

**2462MHz\_TX**

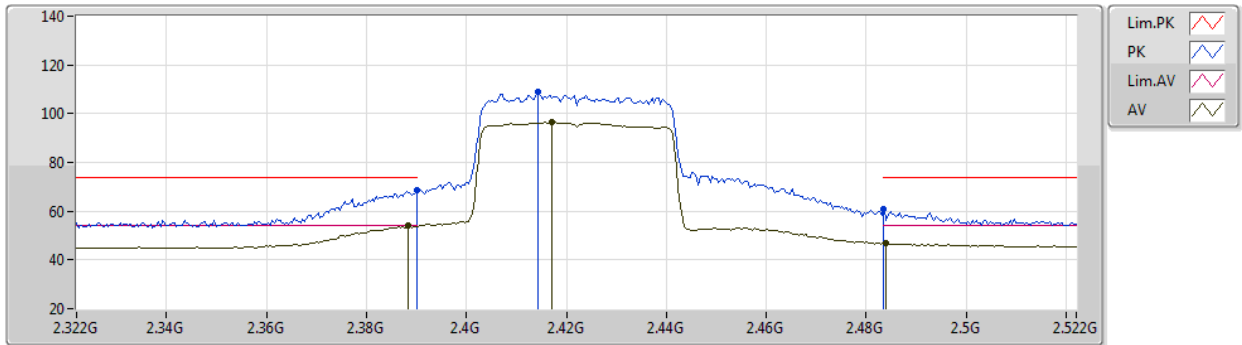


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.91902G     | 28.98             | 54.00             | -25.02         | 4.52           | 3           | Horizontal | 169            | 1.50          | -       | 24.46         | 31.55      | 6.82       | 33.85      |
| AV   | 7.38594G     | 37.69             | 54.00             | -16.31         | 10.74          | 3           | Horizontal | 47             | 1.86          | -       | 26.95         | 36.20      | 8.65       | 34.11      |
| PK   | 4.91314G     | 42.67             | 74.00             | -31.33         | 4.51           | 3           | Horizontal | 169            | 1.50          | -       | 38.16         | 31.54      | 6.82       | 33.85      |
| PK   | 7.3896G      | 53.59             | 74.00             | -20.41         | 10.75          | 3           | Horizontal | 47             | 1.86          | -       | 42.84         | 36.21      | 8.65       | 34.11      |

# 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

## 2422MHz\_TX

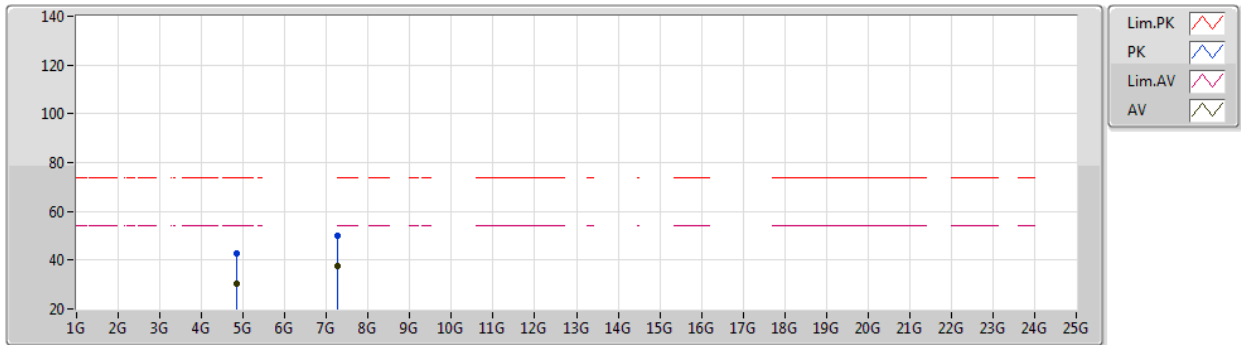


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3884G      | 53.90             | 54.00             | -0.10          | 32.09          | 3           | Vertical  | 167            | 2.20          | -       | 21.81         | 27.37      | 4.72       | -          |
| AV   | 2.4172G      | 96.33             | Inf               | -Inf           | 32.20          | 3           | Vertical  | 167            | 2.20          | -       | 64.13         | 27.45      | 4.75       | -          |
| AV   | 2.484G       | 46.74             | 54.00             | -7.26          | 32.48          | 3           | Vertical  | 167            | 2.20          | -       | 14.26         | 27.65      | 4.83       | -          |
| PK   | 2.39G        | 68.47             | 74.00             | -5.53          | 32.09          | 3           | Vertical  | 167            | 2.20          | -       | 36.38         | 27.37      | 4.72       | -          |
| PK   | 2.4144G      | 108.83            | Inf               | -Inf           | 32.19          | 3           | Vertical  | 167            | 2.20          | -       | 76.64         | 27.44      | 4.75       | -          |
| PK   | 2.4835G      | 60.78             | 74.00             | -13.22         | 32.48          | 3           | Vertical  | 167            | 2.20          | -       | 28.30         | 27.65      | 4.83       | -          |

## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

### 2422MHz\_TX

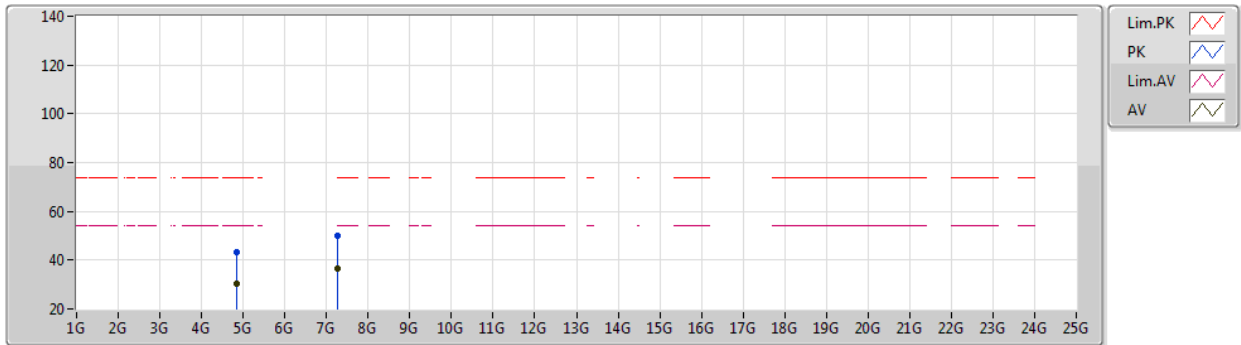


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.84964G     | 30.53             | 54.00             | -23.47         | 4.34           | 3           | Vertical  | 221            | 1.49          | -       | 26.19         | 31.43      | 6.80       | 33.89      |
| AV   | 7.27608G     | 37.47             | 54.00             | -16.53         | 10.40          | 3           | Vertical  | 179            | 1.97          | -       | 27.07         | 35.92      | 8.59       | 34.11      |
| PK   | 4.841G       | 42.77             | 74.00             | -31.23         | 4.32           | 3           | Vertical  | 221            | 1.49          | -       | 38.45         | 31.41      | 6.80       | 33.89      |
| PK   | 7.2717G      | 50.03             | 74.00             | -23.97         | 10.39          | 3           | Vertical  | 179            | 1.97          | -       | 39.64         | 35.91      | 8.59       | 34.11      |

## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

### 2422MHz\_TX

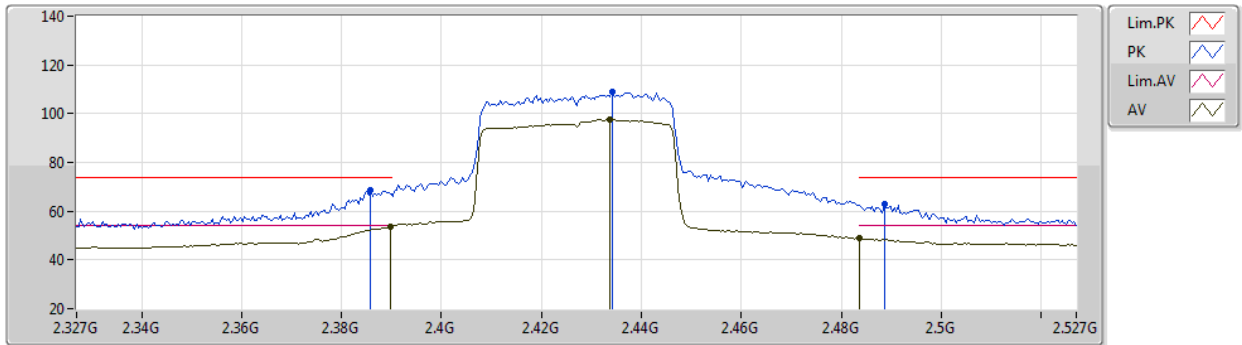


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.85858G     | 30.27             | 54.00             | -23.73         | 4.37           | 3           | Horizontal | 179            | 1.49          | -       | 25.90         | 31.45      | 6.80       | 33.88      |
| AV   | 7.25958G     | 36.47             | 54.00             | -17.53         | 10.34          | 3           | Horizontal | 346            | 1.81          | -       | 26.13         | 35.87      | 8.58       | 34.11      |
| PK   | 4.85222G     | 43.08             | 74.00             | -30.92         | 4.35           | 3           | Horizontal | 179            | 1.49          | -       | 38.73         | 31.43      | 6.80       | 33.88      |
| PK   | 7.25958G     | 49.87             | 74.00             | -24.13         | 10.34          | 3           | Horizontal | 346            | 1.81          | -       | 39.53         | 35.87      | 8.58       | 34.11      |

# 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

## 2427MHz\_TX

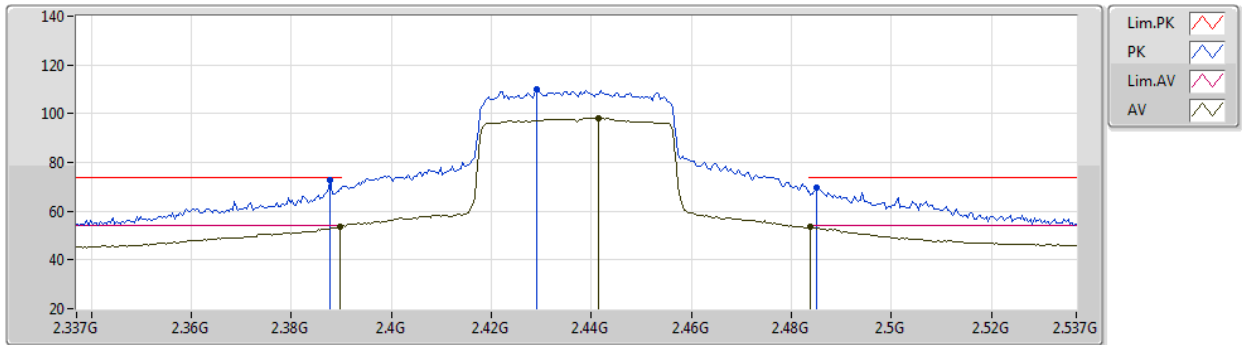


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.66             | 54.00             | -0.34          | 32.09          | 3           | Vertical  | 21             | 1.84          | -       | 21.57         | 27.37      | 4.72       | -          |
| AV   | 2.4338G      | 97.57             | Inf               | -Inf           | 32.27          | 3           | Vertical  | 21             | 1.84          | -       | 65.30         | 27.50      | 4.77       | -          |
| AV   | 2.4835G      | 48.78             | 54.00             | -5.22          | 32.48          | 3           | Vertical  | 21             | 1.84          | -       | 16.30         | 27.65      | 4.83       | -          |
| PK   | 2.3858G      | 68.75             | 74.00             | -5.25          | 32.07          | 3           | Vertical  | 21             | 1.84          | -       | 36.68         | 27.36      | 4.71       | -          |
| PK   | 2.4342G      | 108.76            | Inf               | -Inf           | 32.27          | 3           | Vertical  | 21             | 1.84          | -       | 76.49         | 27.50      | 4.77       | -          |
| PK   | 2.4886G      | 62.69             | 74.00             | -11.31         | 32.50          | 3           | Vertical  | 21             | 1.84          | -       | 30.19         | 27.67      | 4.83       | -          |

# 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

## 2437MHz\_TX

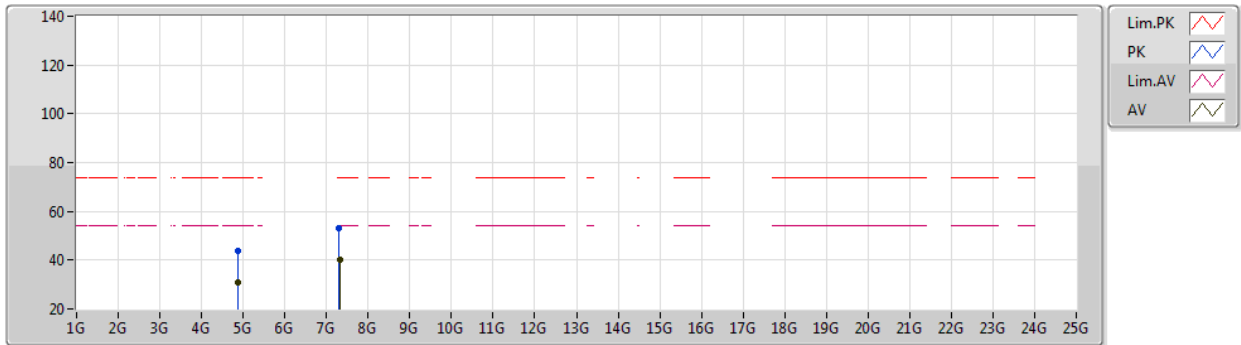


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.75             | 54.00             | -0.25          | 32.09          | 3           | Vertical  | 23             | 2.03          | -       | 21.66         | 27.37      | 4.72       | -          |
| AV   | 2.4414G      | 98.36             | Inf               | -Inf           | 32.30          | 3           | Vertical  | 23             | 2.03          | -       | 66.06         | 27.52      | 4.78       | -          |
| AV   | 2.4838G      | 53.42             | 54.00             | -0.58          | 32.48          | 3           | Vertical  | 23             | 2.03          | -       | 20.94         | 27.65      | 4.83       | -          |
| PK   | 2.3878G      | 72.51             | 74.00             | -1.49          | 32.08          | 3           | Vertical  | 23             | 2.03          | -       | 40.43         | 27.36      | 4.72       | -          |
| PK   | 2.429G       | 109.86            | Inf               | -Inf           | 32.25          | 3           | Vertical  | 23             | 2.03          | -       | 77.61         | 27.49      | 4.76       | -          |
| PK   | 2.485G       | 69.83             | 74.00             | -4.17          | 32.48          | 3           | Vertical  | 23             | 2.03          | -       | 37.35         | 27.65      | 4.83       | -          |

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**

08/11/2019

**2437MHz\_TX**

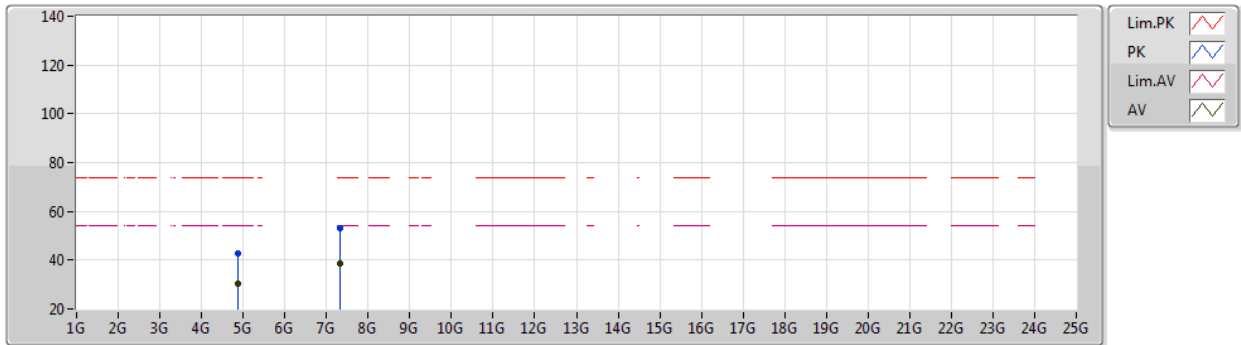


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.874G       | 31.04             | 54.00             | -22.96         | 4.41           | 3           | Vertical  | 354            | 1.52          | -       | 26.63         | 31.47      | 6.81       | 33.87      |
| AV   | 7.32018G     | 40.21             | 54.00             | -13.79         | 10.54          | 3           | Vertical  | 179            | 1.61          | -       | 29.67         | 36.03      | 8.62       | 34.11      |
| PK   | 4.87412G     | 43.85             | 74.00             | -30.15         | 4.41           | 3           | Vertical  | 354            | 1.52          | -       | 39.44         | 31.47      | 6.81       | 33.87      |
| PK   | 7.30578G     | 53.03             | 74.00             | -20.97         | 10.50          | 3           | Vertical  | 179            | 1.61          | -       | 42.53         | 36.00      | 8.61       | 34.11      |

**802.11ax HEW40\_Nss1,(MCS0)\_1TX**

08/11/2019

**2437MHz\_TX**

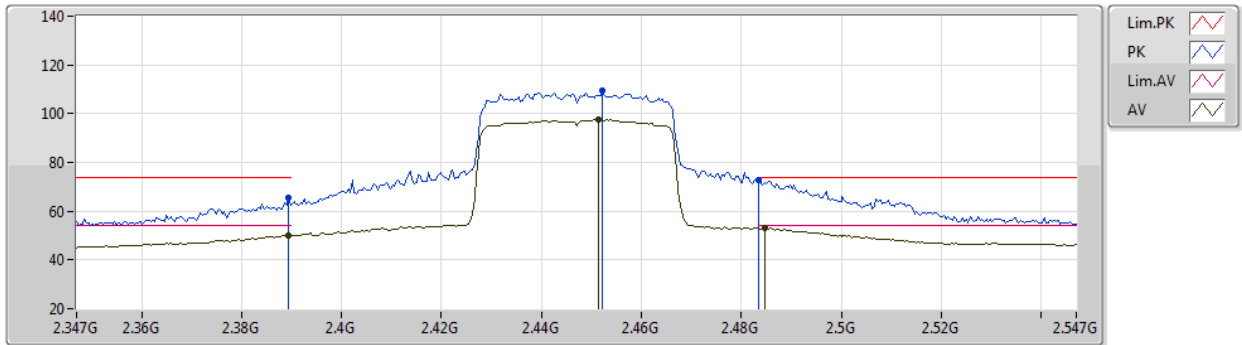


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.8749G      | 30.43             | 54.00             | -23.57         | 4.41           | 3           | Horizontal | 325            | 1.50          | -       | 26.02         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31238G     | 38.87             | 54.00             | -15.13         | 10.51          | 3           | Horizontal | 45             | 1.80          | -       | 28.36         | 36.01      | 8.61       | 34.11      |
| PK   | 4.86914G     | 42.70             | 74.00             | -31.30         | 4.39           | 3           | Horizontal | 325            | 1.50          | -       | 38.31         | 31.46      | 6.81       | 33.88      |
| PK   | 7.31202G     | 53.10             | 74.00             | -20.90         | 10.51          | 3           | Horizontal | 45             | 1.80          | -       | 42.59         | 36.01      | 8.61       | 34.11      |

# 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

## 2447MHz\_TX

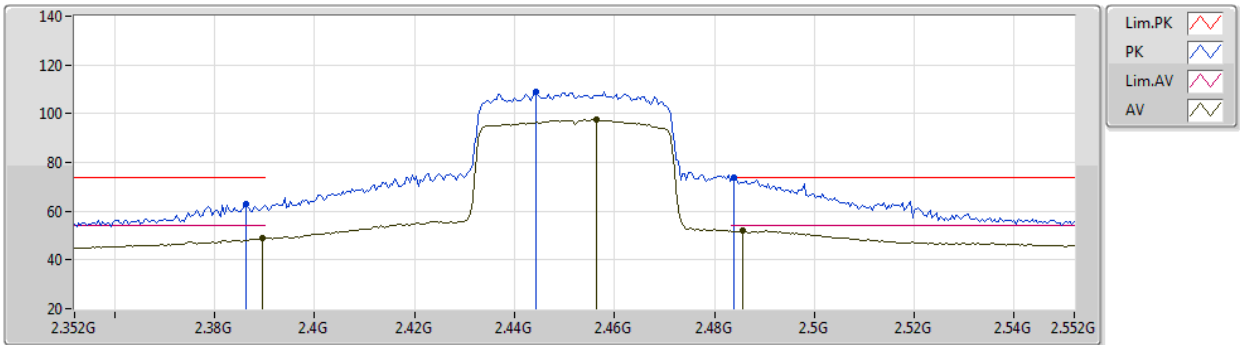


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3894G      | 50.15             | 54.00             | -3.85          | 32.09          | 3           | Vertical  | 176            | 2.00          | -       | 18.06         | 27.37      | 4.72       | -          |
| AV   | 2.4514G      | 97.63             | Inf               | -Inf           | 32.34          | 3           | Vertical  | 176            | 2.00          | -       | 65.29         | 27.55      | 4.79       | -          |
| AV   | 2.4846G      | 53.30             | 54.00             | -0.70          | 32.48          | 3           | Vertical  | 176            | 2.00          | -       | 20.82         | 27.65      | 4.83       | -          |
| PK   | 2.3894G      | 65.29             | 74.00             | -8.71          | 32.09          | 3           | Vertical  | 176            | 2.00          | -       | 33.20         | 27.37      | 4.72       | -          |
| PK   | 2.4522G      | 109.27            | Inf               | -Inf           | 32.35          | 3           | Vertical  | 176            | 2.00          | -       | 76.92         | 27.56      | 4.79       | -          |
| PK   | 2.4835G      | 72.87             | 74.00             | -1.13          | 32.48          | 3           | Vertical  | 176            | 2.00          | -       | 40.39         | 27.65      | 4.83       | -          |

# 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

## 2452MHz\_TX

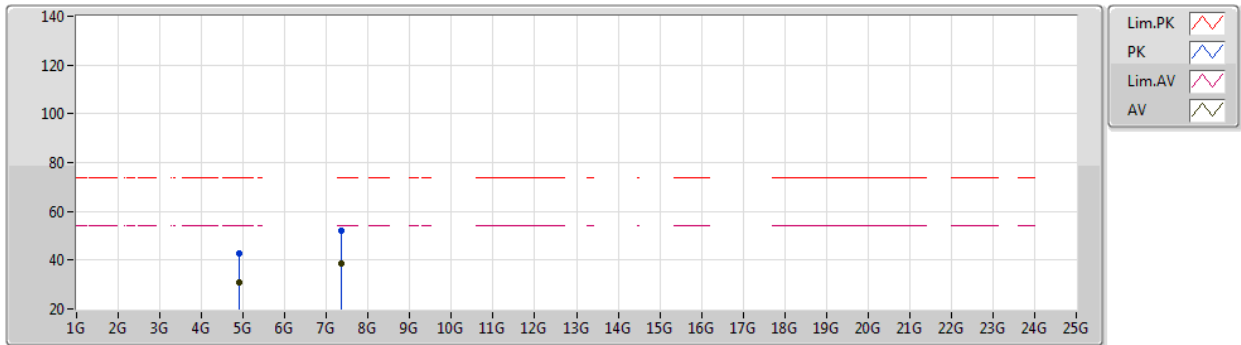


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3896G      | 49.06             | 54.00             | -4.94          | 32.09          | 3           | Vertical  | 170            | 2.03          | -       | 16.97         | 27.37      | 4.72       | -          |
| AV   | 2.4564G      | 97.62             | Inf               | -Inf           | 32.37          | 3           | Vertical  | 170            | 2.03          | -       | 65.25         | 27.57      | 4.80       | -          |
| AV   | 2.4856G      | 52.00             | 54.00             | -2.00          | 32.49          | 3           | Vertical  | 170            | 2.03          | -       | 19.51         | 27.66      | 4.83       | -          |
| PK   | 2.3864G      | 63.11             | 74.00             | -10.89         | 32.07          | 3           | Vertical  | 170            | 2.03          | -       | 31.04         | 27.36      | 4.71       | -          |
| PK   | 2.4444G      | 109.05            | Inf               | -Inf           | 32.31          | 3           | Vertical  | 170            | 2.03          | -       | 76.74         | 27.53      | 4.78       | -          |
| PK   | 2.484G       | 73.84             | 74.00             | -0.16          | 32.48          | 3           | Vertical  | 170            | 2.03          | -       | 41.36         | 27.65      | 4.83       | -          |

## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

### 2452MHz\_TX

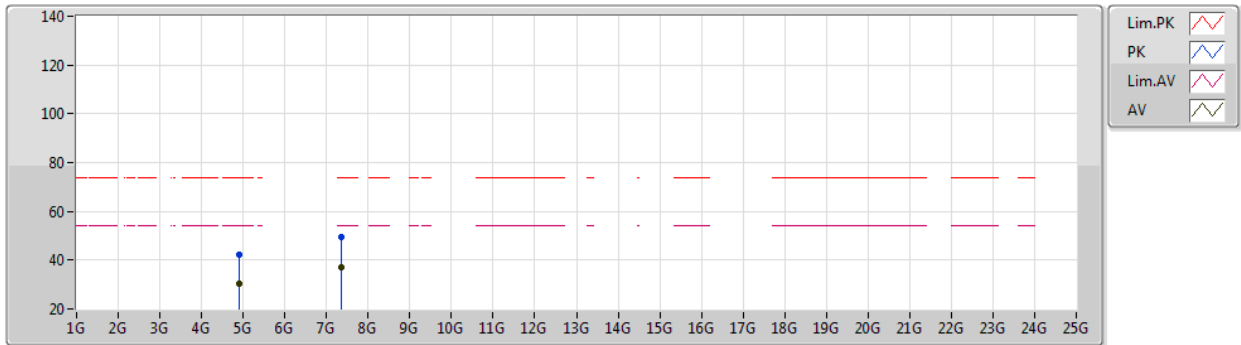


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.89584G     | 30.70             | 54.00             | -23.30         | 4.46           | 3           | Vertical  | 188            | 1.49          | -       | 26.24         | 31.51      | 6.81       | 33.86      |
| AV   | 7.35822G     | 38.47             | 54.00             | -15.53         | 10.66          | 3           | Vertical  | 179            | 1.56          | -       | 27.81         | 36.13      | 8.64       | 34.11      |
| PK   | 4.91282G     | 42.99             | 74.00             | -31.01         | 4.51           | 3           | Vertical  | 188            | 1.49          | -       | 38.48         | 31.54      | 6.82       | 33.85      |
| PK   | 7.35582G     | 51.90             | 74.00             | -22.10         | 10.66          | 3           | Vertical  | 179            | 1.56          | -       | 41.24         | 36.13      | 8.64       | 34.11      |

## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

08/11/2019

### 2452MHz\_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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.91606G     | 30.38             | 54.00             | -23.62         | 4.52           | 3           | Horizontal | 35             | 2.99          | -       | 25.86         | 31.55      | 6.82       | 33.85      |
| AV   | 7.3707G      | 36.97             | 54.00             | -17.03         | 10.69          | 3           | Horizontal | 0              | 1.82          | -       | 26.28         | 36.16      | 8.64       | 34.11      |
| PK   | 4.90412G     | 42.40             | 74.00             | -31.60         | 4.49           | 3           | Horizontal | 35             | 2.99          | -       | 37.91         | 31.53      | 6.82       | 33.86      |
| PK   | 7.36554G     | 49.69             | 74.00             | -24.31         | 10.68          | 3           | Horizontal | 0              | 1.82          | -       | 39.01         | 36.15      | 8.64       | 34.11      |



**RSE TX below 1GHz\_ Non-Beamforming \_Sample  
2\_Radio 1\_Omni\_2T2S**

**Appendix F.7**

**Summary**

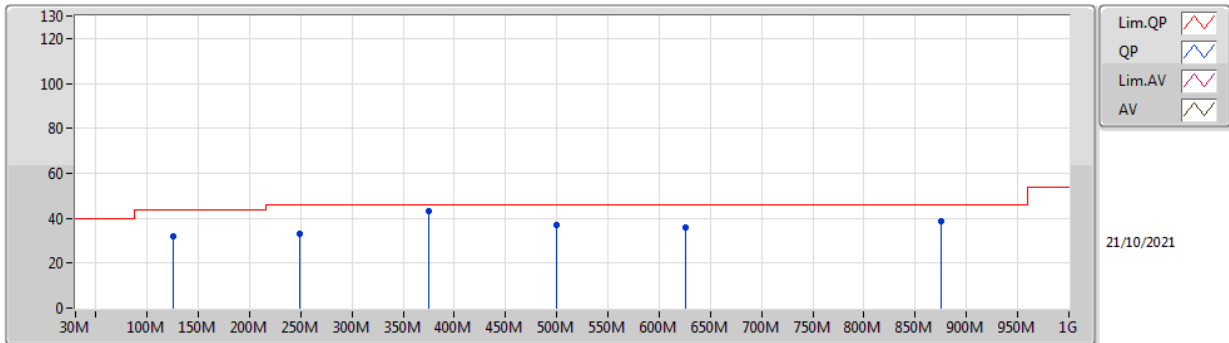
| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | Pass   | QP   | 375.32M      | 42.93             | 46.00             | -3.07          | 3           | Vertical  | 285            | 1.10          | -        |

**Result**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2437MHz                        | Pass   | PK   | 125.06M      | 31.98             | 43.50             | -11.52         | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 249.22M      | 32.92             | 46.00             | -13.08         | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 499.48M      | 37.15             | 46.00             | -8.85          | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 625.58M      | 35.70             | 46.00             | -10.30         | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 875.84M      | 38.63             | 46.00             | -7.37          | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | QP   | 375.32M      | 42.93             | 46.00             | -3.07          | 3           | Vertical   | 285            | 1.10          | -        |
| 2437MHz                        | Pass   | PK   | 123.12M      | 31.41             | 43.50             | -12.09         | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 258.92M      | 37.27             | 46.00             | -8.73          | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 375.32M      | 38.07             | 46.00             | -7.93          | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 499.48M      | 35.64             | 46.00             | -10.36         | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 625.58M      | 37.12             | 46.00             | -8.88          | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 875.84M      | 39.39             | 46.00             | -6.61          | 3           | Horizontal | 0              | 1.00          | -        |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

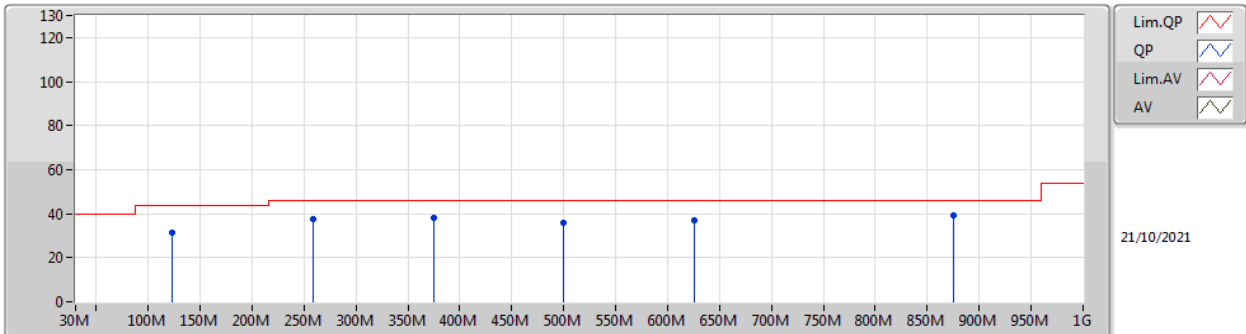
### 2437MHz\_PoE



| 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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 125.06M      | 31.98             | 43.50             | -11.52         | -8.85          | 3           | Vertical  | 360            | 1.00          | -       | 40.83         | 17.33      | 1.57       | 27.75      |
| PK   | 249.22M      | 32.92             | 46.00             | -13.08         | -7.40          | 3           | Vertical  | 360            | 1.00          | -       | 40.32         | 17.47      | 2.15       | 27.02      |
| PK   | 499.48M      | 37.15             | 46.00             | -8.85          | -2.52          | 3           | Vertical  | 360            | 1.00          | -       | 39.67         | 22.75      | 3.08       | 28.35      |
| PK   | 625.58M      | 35.70             | 46.00             | -10.30         | -0.60          | 3           | Vertical  | 360            | 1.00          | -       | 36.30         | 24.30      | 3.41       | 28.31      |
| PK   | 875.84M      | 38.63             | 46.00             | -7.37          | 2.08           | 3           | Vertical  | 360            | 1.00          | -       | 36.55         | 25.64      | 4.05       | 27.61      |
| QP   | 375.32M      | 42.93             | 46.00             | -3.07          | -4.84          | 3           | Vertical  | 285            | 1.10          | -       | 47.77         | 20.07      | 2.65       | 27.56      |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

### 2437MHz\_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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 123.12M      | 31.41             | 43.50             | -12.09         | -8.86          | 3           | Horizontal | 0              | 1.00          | -       | 40.27         | 17.35      | 1.56       | 27.77      |
| PK   | 258.92M      | 37.27             | 46.00             | -8.73          | -6.20          | 3           | Horizontal | 0              | 1.00          | -       | 43.47         | 18.64      | 2.19       | 27.03      |
| PK   | 375.32M      | 38.07             | 46.00             | -7.93          | -4.84          | 3           | Horizontal | 0              | 1.00          | -       | 42.91         | 20.07      | 2.65       | 27.56      |
| PK   | 499.48M      | 35.64             | 46.00             | -10.36         | -2.52          | 3           | Horizontal | 0              | 1.00          | -       | 38.16         | 22.75      | 3.08       | 28.35      |
| PK   | 625.58M      | 37.12             | 46.00             | -8.88          | -0.60          | 3           | Horizontal | 0              | 1.00          | -       | 37.72         | 24.30      | 3.41       | 28.31      |
| PK   | 875.84M      | 39.39             | 46.00             | -6.61          | 2.08           | 3           | Horizontal | 0              | 1.00          | -       | 37.31         | 25.64      | 4.05       | 27.61      |



**RSE TX above 1GHz\_ Non-Beamforming \_Sample  
2\_Radio 1\_Omni\_2T2S**

**Appendix F.8**

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11b_Nss1,(1Mbps)_2TX       | Pass   | AV   | 2.3822G      | 53.71             | 54.00             | -0.29          | 3           | Vertical  | 165            | 1.74          | -        |
| 802.11g_Nss1,(6Mbps)_2TX       | Pass   | AV   | 2.3894G      | 53.60             | 54.00             | -0.40          | 3           | Vertical  | 3              | 1.64          | -        |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | Pass   | AV   | 2.39G        | 53.78             | 54.00             | -0.22          | 3           | Vertical  | 0              | 1.60          | -        |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | Pass   | AV   | 2.3856G      | 53.75             | 54.00             | -0.25          | 3           | Vertical  | 0              | 1.76          | -        |

**Result**

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11b_Nss1,(1Mbps)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                  | Pass   | AV   | 2.3868G      | 53.25             | 54.00             | -0.75          | 3           | Vertical   | 351            | 1.85          | -        |
| 2412MHz                  | Pass   | AV   | 2.4112G      | 113.57            | Inf               | -Inf           | 3           | Vertical   | 351            | 1.85          | -        |
| 2412MHz                  | Pass   | PK   | 2.3894G      | 63.26             | 74.00             | -10.74         | 3           | Vertical   | 351            | 1.85          | -        |
| 2412MHz                  | Pass   | PK   | 2.413G       | 117.52            | Inf               | -Inf           | 3           | Vertical   | 351            | 1.85          | -        |
| 2412MHz                  | Pass   | AV   | 4.82401G     | 50.18             | 54.00             | -3.82          | 3           | Vertical   | 353            | 1.37          | -        |
| 2412MHz                  | Pass   | PK   | 4.82409G     | 54.11             | 74.00             | -19.89         | 3           | Vertical   | 353            | 1.37          | -        |
| 2412MHz                  | Pass   | AV   | 4.82405G     | 40.12             | 54.00             | -13.88         | 3           | Horizontal | 182            | 1.75          | -        |
| 2412MHz                  | Pass   | PK   | 4.82408G     | 44.50             | 74.00             | -29.50         | 3           | Horizontal | 182            | 1.75          | -        |
| 2417MHz                  | Pass   | AV   | 2.3822G      | 53.71             | 54.00             | -0.29          | 3           | Vertical   | 165            | 1.74          | -        |
| 2417MHz                  | Pass   | AV   | 2.4162G      | 114.99            | Inf               | -Inf           | 3           | Vertical   | 165            | 1.74          | -        |
| 2417MHz                  | Pass   | PK   | 2.382G       | 63.73             | 74.00             | -10.27         | 3           | Vertical   | 165            | 1.74          | -        |
| 2417MHz                  | Pass   | PK   | 2.418G       | 118.96            | Inf               | -Inf           | 3           | Vertical   | 165            | 1.74          | -        |
| 2437MHz                  | Pass   | AV   | 2.3886G      | 49.16             | 54.00             | -4.84          | 3           | Vertical   | 22             | 1.99          | -        |
| 2437MHz                  | Pass   | AV   | 2.4362G      | 113.33            | Inf               | -Inf           | 3           | Vertical   | 22             | 1.99          | -        |
| 2437MHz                  | Pass   | AV   | 2.4838G      | 48.06             | 54.00             | -5.94          | 3           | Vertical   | 22             | 1.99          | -        |
| 2437MHz                  | Pass   | PK   | 2.3854G      | 59.23             | 74.00             | -14.77         | 3           | Vertical   | 22             | 1.99          | -        |
| 2437MHz                  | Pass   | PK   | 2.4382G      | 117.28            | Inf               | -Inf           | 3           | Vertical   | 22             | 1.99          | -        |
| 2437MHz                  | Pass   | PK   | 2.4878G      | 58.83             | 74.00             | -15.17         | 3           | Vertical   | 22             | 1.99          | -        |
| 2437MHz                  | Pass   | AV   | 4.8741G      | 53.24             | 54.00             | -0.76          | 3           | Vertical   | 169            | 1.55          | -        |
| 2437MHz                  | Pass   | AV   | 7.30982G     | 53.30             | 54.00             | -0.70          | 3           | Vertical   | 178            | 1.65          | -        |
| 2437MHz                  | Pass   | PK   | 4.8741G      | 57.29             | 74.00             | -16.71         | 3           | Vertical   | 169            | 1.55          | -        |
| 2437MHz                  | Pass   | PK   | 7.312G       | 59.01             | 74.00             | -14.99         | 3           | Vertical   | 178            | 1.65          | -        |
| 2437MHz                  | Pass   | AV   | 4.87402G     | 41.70             | 54.00             | -12.30         | 3           | Horizontal | 170            | 1.61          | -        |
| 2437MHz                  | Pass   | AV   | 7.31182G     | 51.22             | 54.00             | -2.78          | 3           | Horizontal | 342            | 1.85          | -        |
| 2437MHz                  | Pass   | PK   | 4.87406G     | 47.22             | 74.00             | -26.78         | 3           | Horizontal | 170            | 1.61          | -        |
| 2437MHz                  | Pass   | PK   | 7.312G       | 57.26             | 74.00             | -16.74         | 3           | Horizontal | 342            | 1.85          | -        |
| 2457MHz                  | Pass   | AV   | 2.4562G      | 115.04            | Inf               | -Inf           | 3           | Vertical   | 166            | 1.97          | -        |
| 2457MHz                  | Pass   | AV   | 2.4835G      | 53.61             | 54.00             | -0.39          | 3           | Vertical   | 166            | 1.97          | -        |
| 2457MHz                  | Pass   | PK   | 2.458G       | 118.95            | Inf               | -Inf           | 3           | Vertical   | 166            | 1.97          | -        |
| 2457MHz                  | Pass   | PK   | 2.484G       | 63.06             | 74.00             | -10.94         | 3           | Vertical   | 166            | 1.97          | -        |
| 2462MHz                  | Pass   | AV   | 2.4612G      | 113.68            | Inf               | -Inf           | 3           | Vertical   | 346            | 1.77          | -        |
| 2462MHz                  | Pass   | AV   | 2.4888G      | 53.36             | 54.00             | -0.64          | 3           | Vertical   | 346            | 1.77          | -        |
| 2462MHz                  | Pass   | PK   | 2.4632G      | 117.47            | Inf               | -Inf           | 3           | Vertical   | 346            | 1.77          | -        |
| 2462MHz                  | Pass   | PK   | 2.4892G      | 62.68             | 74.00             | -11.32         | 3           | Vertical   | 346            | 1.77          | -        |
| 2462MHz                  | Pass   | AV   | 4.924G       | 51.40             | 54.00             | -2.60          | 3           | Vertical   | 337            | 1.91          | -        |
| 2462MHz                  | Pass   | AV   | 7.38682G     | 45.99             | 54.00             | -8.01          | 3           | Vertical   | 186            | 1.40          | -        |
| 2462MHz                  | Pass   | PK   | 4.92402G     | 56.04             | 74.00             | -17.96         | 3           | Vertical   | 337            | 1.91          | -        |
| 2462MHz                  | Pass   | PK   | 7.3845G      | 54.12             | 74.00             | -19.88         | 3           | Vertical   | 186            | 1.40          | -        |
| 2462MHz                  | Pass   | AV   | 4.9242G      | 41.22             | 54.00             | -12.78         | 3           | Horizontal | 82             | 1.84          | -        |
| 2462MHz                  | Pass   | AV   | 7.38676G     | 44.14             | 54.00             | -9.86          | 3           | Horizontal | 344            | 1.58          | -        |
| 2462MHz                  | Pass   | PK   | 4.92399G     | 46.83             | 74.00             | -27.17         | 3           | Horizontal | 82             | 1.84          | -        |
| 2462MHz                  | Pass   | PK   | 7.3852G      | 53.63             | 74.00             | -20.37         | 3           | Horizontal | 344            | 1.58          | -        |
| 802.11g_Nss1,(6Mbps)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                  | Pass   | AV   | 2.39G        | 50.46             | 54.00             | -3.54          | 3           | Vertical   | 2              | 1.60          | -        |
| 2412MHz                  | Pass   | AV   | 2.406G       | 104.36            | Inf               | -Inf           | 3           | Vertical   | 2              | 1.60          | -        |
| 2412MHz                  | Pass   | PK   | 2.39G        | 73.09             | 74.00             | -0.91          | 3           | Vertical   | 2              | 1.60          | -        |
| 2412MHz                  | Pass   | PK   | 2.4064G      | 113.82            | Inf               | -Inf           | 3           | Vertical   | 2              | 1.60          | -        |



# RSE TX above 1GHz\_ Non-Beamforming \_Sample 2\_Radio 1\_Omni\_2T2S

## Appendix F.8

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2412MHz                        | Pass   | AV   | 4.82462G     | 33.03             | 54.00             | -20.97         | 3           | Vertical   | 217            | 2.09          | -        |
| 2412MHz                        | Pass   | PK   | 4.82594G     | 45.94             | 74.00             | -28.06         | 3           | Vertical   | 217            | 2.09          | -        |
| 2412MHz                        | Pass   | AV   | 4.8264G      | 28.85             | 54.00             | -25.15         | 3           | Horizontal | 227            | 1.90          | -        |
| 2412MHz                        | Pass   | PK   | 4.8242G      | 42.06             | 74.00             | -31.94         | 3           | Horizontal | 227            | 1.90          | -        |
| 2417MHz                        | Pass   | AV   | 2.3874G      | 50.47             | 54.00             | -3.53          | 3           | Vertical   | 1              | 1.75          | -        |
| 2417MHz                        | Pass   | AV   | 2.4212G      | 105.66            | Inf               | -Inf           | 3           | Vertical   | 1              | 1.75          | -        |
| 2417MHz                        | Pass   | PK   | 2.3866G      | 73.40             | 74.00             | -0.60          | 3           | Vertical   | 1              | 1.75          | -        |
| 2417MHz                        | Pass   | PK   | 2.4208G      | 114.89            | Inf               | -Inf           | 3           | Vertical   | 1              | 1.75          | -        |
| 2437MHz                        | Pass   | AV   | 2.3894G      | 53.60             | 54.00             | -0.40          | 3           | Vertical   | 3              | 1.64          | -        |
| 2437MHz                        | Pass   | AV   | 2.441G       | 109.13            | Inf               | -Inf           | 3           | Vertical   | 3              | 1.64          | -        |
| 2437MHz                        | Pass   | AV   | 2.4874G      | 52.14             | 54.00             | -1.86          | 3           | Vertical   | 3              | 1.64          | -        |
| 2437MHz                        | Pass   | PK   | 2.389G       | 70.61             | 74.00             | -3.39          | 3           | Vertical   | 3              | 1.64          | -        |
| 2437MHz                        | Pass   | PK   | 2.441G       | 118.42            | Inf               | -Inf           | 3           | Vertical   | 3              | 1.64          | -        |
| 2437MHz                        | Pass   | PK   | 2.4874G      | 71.74             | 74.00             | -2.26          | 3           | Vertical   | 3              | 1.64          | -        |
| 2437MHz                        | Pass   | AV   | 4.87574G     | 40.45             | 54.00             | -13.55         | 3           | Vertical   | 325            | 1.49          | -        |
| 2437MHz                        | Pass   | AV   | 7.3125G      | 46.31             | 54.00             | -7.69          | 3           | Vertical   | 181            | 1.77          | -        |
| 2437MHz                        | Pass   | PK   | 4.87562G     | 54.61             | 74.00             | -19.39         | 3           | Vertical   | 325            | 1.49          | -        |
| 2437MHz                        | Pass   | PK   | 7.31298G     | 59.87             | 74.00             | -14.13         | 3           | Vertical   | 181            | 1.77          | -        |
| 2437MHz                        | Pass   | AV   | 4.8749G      | 32.72             | 54.00             | -21.28         | 3           | Horizontal | 22             | 1.49          | -        |
| 2437MHz                        | Pass   | AV   | 7.3125G      | 45.19             | 54.00             | -8.81          | 3           | Horizontal | 12             | 1.66          | -        |
| 2437MHz                        | Pass   | PK   | 4.87484G     | 45.32             | 74.00             | -28.68         | 3           | Horizontal | 22             | 1.49          | -        |
| 2437MHz                        | Pass   | PK   | 7.31286G     | 58.45             | 74.00             | -15.55         | 3           | Horizontal | 12             | 1.66          | -        |
| 2457MHz                        | Pass   | AV   | 2.4612G      | 105.30            | Inf               | -Inf           | 3           | Vertical   | 357            | 1.74          | -        |
| 2457MHz                        | Pass   | AV   | 2.4835G      | 50.83             | 54.00             | -3.17          | 3           | Vertical   | 357            | 1.74          | -        |
| 2457MHz                        | Pass   | PK   | 2.4608G      | 114.55            | Inf               | -Inf           | 3           | Vertical   | 357            | 1.74          | -        |
| 2457MHz                        | Pass   | PK   | 2.486G       | 73.18             | 74.00             | -0.82          | 3           | Vertical   | 357            | 1.74          | -        |
| 2462MHz                        | Pass   | AV   | 2.4662G      | 103.99            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.45          | -        |
| 2462MHz                        | Pass   | PK   | 2.4658G      | 113.48            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.45          | -        |
| 2462MHz                        | Pass   | PK   | 2.4856G      | 73.18             | 74.00             | -0.82          | 3           | Vertical   | 0              | 1.45          | -        |
| 2462MHz                        | Pass   | AV   | 4.92606G     | 33.09             | 54.00             | -20.91         | 3           | Vertical   | 48             | 1.40          | -        |
| 2462MHz                        | Pass   | AV   | 7.38717G     | 39.18             | 54.00             | -14.82         | 3           | Vertical   | 159            | 1.85          | -        |
| 2462MHz                        | Pass   | PK   | 4.92275G     | 46.56             | 74.00             | -27.44         | 3           | Vertical   | 48             | 1.40          | -        |
| 2462MHz                        | Pass   | PK   | 7.38495G     | 54.27             | 74.00             | -19.73         | 3           | Vertical   | 159            | 1.85          | -        |
| 2462MHz                        | Pass   | AV   | 4.92557G     | 29.12             | 54.00             | -24.88         | 3           | Horizontal | 248            | 1.02          | -        |
| 2462MHz                        | Pass   | AV   | 7.38662G     | 35.41             | 54.00             | -18.59         | 3           | Horizontal | 76             | 1.27          | -        |
| 2462MHz                        | Pass   | PK   | 4.92342G     | 42.22             | 74.00             | -31.78         | 3           | Horizontal | 248            | 1.02          | -        |
| 2462MHz                        | Pass   | PK   | 7.38387G     | 49.11             | 74.00             | -24.89         | 3           | Horizontal | 76             | 1.27          | -        |
| 802.11ax HEW20_Nss2_(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                        | Pass   | AV   | 2.39G        | 53.78             | 54.00             | -0.22          | 3           | Vertical   | 0              | 1.60          | -        |
| 2412MHz                        | Pass   | AV   | 2.4078G      | 102.34            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.60          | -        |
| 2412MHz                        | Pass   | PK   | 2.39G        | 70.92             | 74.00             | -3.08          | 3           | Vertical   | 0              | 1.60          | -        |
| 2412MHz                        | Pass   | PK   | 2.4154G      | 113.67            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.60          | -        |
| 2412MHz                        | Pass   | AV   | 4.82545G     | 33.00             | 54.00             | -21.00         | 3           | Vertical   | 158            | 2.38          | -        |
| 2412MHz                        | Pass   | PK   | 4.82551G     | 45.11             | 74.00             | -28.89         | 3           | Vertical   | 158            | 2.38          | -        |
| 2412MHz                        | Pass   | AV   | 4.82348G     | 29.73             | 54.00             | -24.27         | 3           | Horizontal | 147            | 1.04          | -        |
| 2412MHz                        | Pass   | PK   | 4.82266G     | 41.54             | 74.00             | -32.46         | 3           | Horizontal | 147            | 1.04          | -        |
| 2417MHz                        | Pass   | AV   | 2.3898G      | 53.78             | 54.00             | -0.22          | 3           | Vertical   | 360            | 1.79          | -        |
| 2417MHz                        | Pass   | AV   | 2.4128G      | 104.20            | Inf               | -Inf           | 3           | Vertical   | 360            | 1.79          | -        |
| 2417MHz                        | Pass   | PK   | 2.3894G      | 70.55             | 74.00             | -3.45          | 3           | Vertical   | 360            | 1.79          | -        |



# RSE TX above 1GHz\_ Non-Beamforming \_Sample 2\_Radio 1\_Omni\_2T2S

## Appendix F.8

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2417MHz                        | Pass   | PK   | 2.4204G      | 116.16            | Inf               | -Inf           | 3           | Vertical   | 360            | 1.79          | -        |
| 2437MHz                        | Pass   | AV   | 2.3894G      | 53.32             | 54.00             | -0.68          | 3           | Vertical   | 183            | 1.62          | -        |
| 2437MHz                        | Pass   | AV   | 2.4398G      | 105.46            | Inf               | -Inf           | 3           | Vertical   | 183            | 1.62          | -        |
| 2437MHz                        | Pass   | AV   | 2.4835G      | 53.05             | 54.00             | -0.95          | 3           | Vertical   | 183            | 1.62          | -        |
| 2437MHz                        | Pass   | PK   | 2.3898G      | 65.48             | 74.00             | -8.52          | 3           | Vertical   | 183            | 1.62          | -        |
| 2437MHz                        | Pass   | PK   | 2.4406G      | 116.90            | Inf               | -Inf           | 3           | Vertical   | 183            | 1.62          | -        |
| 2437MHz                        | Pass   | PK   | 2.4835G      | 71.45             | 74.00             | -2.55          | 3           | Vertical   | 183            | 1.62          | -        |
| 2437MHz                        | Pass   | AV   | 4.8758G      | 37.78             | 54.00             | -16.22         | 3           | Vertical   | 322            | 1.50          | -        |
| 2437MHz                        | Pass   | AV   | 7.3144G      | 44.44             | 54.00             | -9.56          | 3           | Vertical   | 181            | 1.78          | -        |
| 2437MHz                        | Pass   | PK   | 4.8711G      | 50.78             | 74.00             | -23.22         | 3           | Vertical   | 322            | 1.50          | -        |
| 2437MHz                        | Pass   | PK   | 7.313G       | 56.95             | 74.00             | -17.05         | 3           | Vertical   | 181            | 1.78          | -        |
| 2437MHz                        | Pass   | AV   | 4.87448G     | 30.74             | 54.00             | -23.26         | 3           | Horizontal | 25             | 1.62          | -        |
| 2437MHz                        | Pass   | AV   | 7.313G       | 43.27             | 54.00             | -10.73         | 3           | Horizontal | 11             | 1.64          | -        |
| 2437MHz                        | Pass   | PK   | 4.87354G     | 43.24             | 74.00             | -30.76         | 3           | Horizontal | 25             | 1.62          | -        |
| 2437MHz                        | Pass   | PK   | 7.306G       | 54.68             | 74.00             | -19.32         | 3           | Horizontal | 11             | 1.64          | -        |
| 2457MHz                        | Pass   | PK   | 2.4558G      | 115.43            | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2457MHz                        | Pass   | AV   | 2.452G       | 104.03            | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2457MHz                        | Pass   | PK   | 2.484G       | 71.17             | 74.00             | -2.83          | 3           | Vertical   | 175            | 2.09          | -        |
| 2457MHz                        | Pass   | AV   | 2.4835G      | 53.26             | 54.00             | -0.74          | 3           | Vertical   | 175            | 2.09          | -        |
| 2462MHz                        | Pass   | AV   | 2.457G       | 103.03            | Inf               | -Inf           | 3           | Vertical   | 172            | 1.80          | -        |
| 2462MHz                        | Pass   | AV   | 2.4836G      | 53.47             | 54.00             | -0.53          | 3           | Vertical   | 172            | 1.80          | -        |
| 2462MHz                        | Pass   | PK   | 2.4536G      | 114.91            | Inf               | -Inf           | 3           | Vertical   | 172            | 1.80          | -        |
| 2462MHz                        | Pass   | PK   | 2.4836G      | 73.70             | 74.00             | -0.30          | 3           | Vertical   | 172            | 1.80          | -        |
| 2462MHz                        | Pass   | AV   | 4.92415G     | 33.93             | 54.00             | -20.07         | 3           | Vertical   | 357            | 1.40          | -        |
| 2462MHz                        | Pass   | AV   | 7.38806G     | 39.06             | 54.00             | -14.94         | 3           | Vertical   | 54             | 1.54          | -        |
| 2462MHz                        | Pass   | PK   | 4.92486G     | 45.45             | 74.00             | -28.55         | 3           | Vertical   | 357            | 1.40          | -        |
| 2462MHz                        | Pass   | PK   | 7.38731G     | 51.64             | 74.00             | -22.36         | 3           | Vertical   | 54             | 1.54          | -        |
| 2462MHz                        | Pass   | AV   | 4.92378G     | 30.08             | 54.00             | -23.92         | 3           | Horizontal | 289            | 2.15          | -        |
| 2462MHz                        | Pass   | AV   | 7.38809G     | 36.14             | 54.00             | -17.86         | 3           | Horizontal | 129            | 1.19          | -        |
| 2462MHz                        | Pass   | PK   | 4.92538G     | 42.14             | 74.00             | -31.86         | 3           | Horizontal | 289            | 2.15          | -        |
| 2462MHz                        | Pass   | PK   | 7.3838G      | 48.16             | 74.00             | -25.84         | 3           | Horizontal | 129            | 1.19          | -        |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2422MHz                        | Pass   | AV   | 2.3856G      | 53.75             | 54.00             | -0.25          | 3           | Vertical   | 0              | 1.76          | -        |
| 2422MHz                        | Pass   | AV   | 2.414G       | 98.00             | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2422MHz                        | Pass   | AV   | 2.4872G      | 46.95             | 54.00             | -7.05          | 3           | Vertical   | 0              | 1.76          | -        |
| 2422MHz                        | Pass   | PK   | 2.3864G      | 72.78             | 74.00             | -1.22          | 3           | Vertical   | 0              | 1.76          | -        |
| 2422MHz                        | Pass   | PK   | 2.4204G      | 109.68            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2422MHz                        | Pass   | PK   | 2.486G       | 60.38             | 74.00             | -13.62         | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | AV   | 2.3898G      | 53.34             | 54.00             | -0.66          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | AV   | 2.419G       | 98.17             | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | AV   | 2.4882G      | 47.48             | 54.00             | -6.52          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | PK   | 2.3898G      | 70.94             | 74.00             | -3.06          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | PK   | 2.4254G      | 109.25            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | PK   | 2.4866G      | 63.58             | 74.00             | -10.42         | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | AV   | 2.3898G      | 53.34             | 54.00             | -0.66          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | AV   | 2.419G       | 98.17             | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | AV   | 2.4882G      | 47.48             | 54.00             | -6.52          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | PK   | 2.3898G      | 70.94             | 74.00             | -3.06          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz                        | Pass   | PK   | 2.4254G      | 109.25            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |



**RSE TX above 1GHz\_ Non-Beamforming \_Sample  
2\_Radio 1\_Omni\_2T2S**

**Appendix F.8**

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2427MHz | Pass   | PK   | 2.4866G      | 63.58             | 74.00             | -10.42         | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | AV   | 2.3898G      | 53.34             | 54.00             | -0.66          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | AV   | 2.419G       | 98.17             | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | AV   | 2.4882G      | 47.48             | 54.00             | -6.52          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | PK   | 2.3898G      | 70.94             | 74.00             | -3.06          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | PK   | 2.4254G      | 109.25            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | PK   | 2.4866G      | 63.58             | 74.00             | -10.42         | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | AV   | 2.3898G      | 53.34             | 54.00             | -0.66          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | AV   | 2.419G       | 98.17             | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | AV   | 2.4882G      | 47.48             | 54.00             | -6.52          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | PK   | 2.3898G      | 70.94             | 74.00             | -3.06          | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | PK   | 2.4254G      | 109.25            | Inf               | -Inf           | 3           | Vertical   | 0              | 1.76          | -        |
| 2427MHz | Pass   | PK   | 2.4866G      | 63.58             | 74.00             | -10.42         | 3           | Vertical   | 0              | 1.76          | -        |
| 2437MHz | Pass   | AV   | 2.3898G      | 53.42             | 54.00             | -0.58          | 3           | Vertical   | 10             | 1.50          | -        |
| 2437MHz | Pass   | AV   | 2.4322G      | 98.78             | Inf               | -Inf           | 3           | Vertical   | 10             | 1.50          | -        |
| 2437MHz | Pass   | AV   | 2.4838G      | 51.25             | 54.00             | -2.75          | 3           | Vertical   | 10             | 1.50          | -        |
| 2437MHz | Pass   | PK   | 2.3898G      | 69.60             | 74.00             | -4.40          | 3           | Vertical   | 10             | 1.50          | -        |
| 2437MHz | Pass   | PK   | 2.4414G      | 110.43            | Inf               | -Inf           | 3           | Vertical   | 10             | 1.50          | -        |
| 2437MHz | Pass   | PK   | 2.4838G      | 72.91             | 74.00             | -1.09          | 3           | Vertical   | 10             | 1.50          | -        |
| 2437MHz | Pass   | AV   | 4.87359G     | 32.05             | 54.00             | -21.95         | 3           | Vertical   | 55             | 2.49          | -        |
| 2437MHz | Pass   | AV   | 7.31042G     | 39.54             | 54.00             | -14.46         | 3           | Vertical   | 330            | 1.84          | -        |
| 2437MHz | Pass   | PK   | 4.87361G     | 44.43             | 74.00             | -29.57         | 3           | Vertical   | 55             | 2.49          | -        |
| 2437MHz | Pass   | PK   | 7.30927G     | 52.87             | 74.00             | -21.13         | 3           | Vertical   | 330            | 1.84          | -        |
| 2437MHz | Pass   | AV   | 4.87352G     | 30.01             | 54.00             | -23.99         | 3           | Horizontal | 7              | 1.71          | -        |
| 2437MHz | Pass   | AV   | 7.31207G     | 38.76             | 54.00             | -15.24         | 3           | Horizontal | 179            | 2.15          | -        |
| 2437MHz | Pass   | PK   | 4.87262G     | 42.36             | 74.00             | -31.64         | 3           | Horizontal | 7              | 1.71          | -        |
| 2437MHz | Pass   | PK   | 7.30938G     | 50.44             | 74.00             | -23.56         | 3           | Horizontal | 179            | 2.15          | -        |
| 2447MHz | Pass   | AV   | 2.3898G      | 49.08             | 54.00             | -4.92          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4534G      | 98.95             | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4842G      | 53.41             | 54.00             | -0.59          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.3886G      | 64.30             | 74.00             | -9.70          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.459G       | 111.25            | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.4846G      | 71.48             | 74.00             | -2.52          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.3898G      | 49.08             | 54.00             | -4.92          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4534G      | 98.95             | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4842G      | 53.41             | 54.00             | -0.59          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.3886G      | 64.30             | 74.00             | -9.70          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.459G       | 111.25            | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.4846G      | 71.48             | 74.00             | -2.52          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.3898G      | 49.08             | 54.00             | -4.92          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4534G      | 98.95             | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4842G      | 53.41             | 54.00             | -0.59          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.3886G      | 64.30             | 74.00             | -9.70          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.459G       | 111.25            | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.4846G      | 71.48             | 74.00             | -2.52          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.3898G      | 49.08             | 54.00             | -4.92          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4534G      | 98.95             | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | AV   | 2.4842G      | 53.41             | 54.00             | -0.59          | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.3886G      | 64.30             | 74.00             | -9.70          | 3           | Vertical   | 175            | 2.09          | -        |



**RSE TX above 1GHz\_ Non-Beamforming \_Sample  
2\_Radio 1\_Omni\_2T2S**

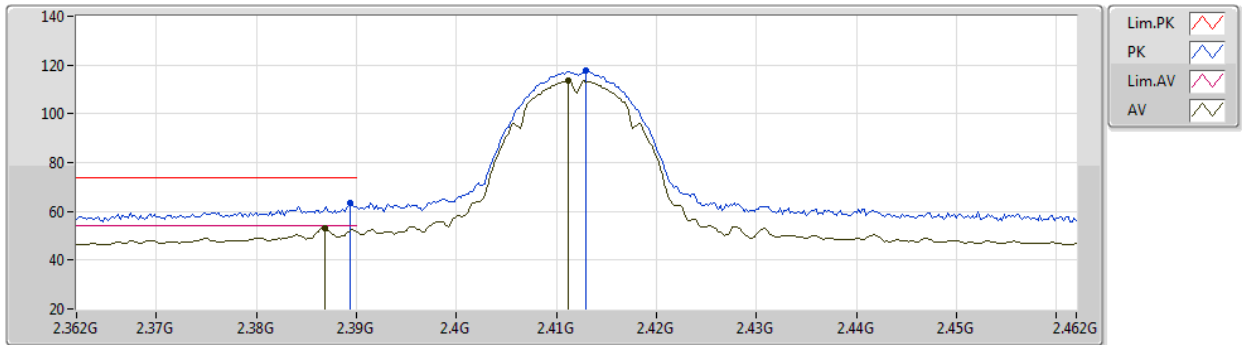
**Appendix F.8**

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2447MHz | Pass   | PK   | 2.459G       | 111.25            | Inf               | -Inf           | 3           | Vertical   | 175            | 2.09          | -        |
| 2447MHz | Pass   | PK   | 2.4846G      | 71.48             | 74.00             | -2.52          | 3           | Vertical   | 175            | 2.09          | -        |
| 2452MHz | Pass   | AV   | 2.3896G      | 48.59             | 54.00             | -5.41          | 3           | Vertical   | 174            | 1.66          | -        |
| 2452MHz | Pass   | AV   | 2.4512G      | 98.02             | Inf               | -Inf           | 3           | Vertical   | 174            | 1.66          | -        |
| 2452MHz | Pass   | AV   | 2.4835G      | 53.45             | 54.00             | -0.55          | 3           | Vertical   | 174            | 1.66          | -        |
| 2452MHz | Pass   | PK   | 2.3856G      | 61.96             | 74.00             | -12.04         | 3           | Vertical   | 174            | 1.66          | -        |
| 2452MHz | Pass   | PK   | 2.464G       | 109.86            | Inf               | -Inf           | 3           | Vertical   | 174            | 1.66          | -        |
| 2452MHz | Pass   | PK   | 2.4896G      | 68.57             | 74.00             | -5.43          | 3           | Vertical   | 174            | 1.66          | -        |
| 2452MHz | Pass   | AV   | 4.90341G     | 30.01             | 54.00             | -23.99         | 3           | Vertical   | 141            | 1.07          | -        |
| 2452MHz | Pass   | AV   | 7.35426G     | 35.59             | 54.00             | -18.41         | 3           | Vertical   | 295            | 1.46          | -        |
| 2452MHz | Pass   | PK   | 4.90342G     | 43.53             | 74.00             | -30.47         | 3           | Vertical   | 141            | 1.07          | -        |
| 2452MHz | Pass   | PK   | 7.35548G     | 48.31             | 74.00             | -25.69         | 3           | Vertical   | 295            | 1.46          | -        |
| 2452MHz | Pass   | AV   | 4.9022G      | 30.13             | 54.00             | -23.87         | 3           | Horizontal | 295            | 1.42          | -        |
| 2452MHz | Pass   | AV   | 7.35552G     | 35.68             | 54.00             | -18.32         | 3           | Horizontal | 159            | 2.21          | -        |
| 2452MHz | Pass   | PK   | 4.9049G      | 42.32             | 74.00             | -31.68         | 3           | Horizontal | 295            | 1.42          | -        |
| 2452MHz | Pass   | PK   | 7.35776G     | 48.09             | 74.00             | -25.91         | 3           | Horizontal | 159            | 2.21          | -        |

# 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

## 2412MHz\_TX

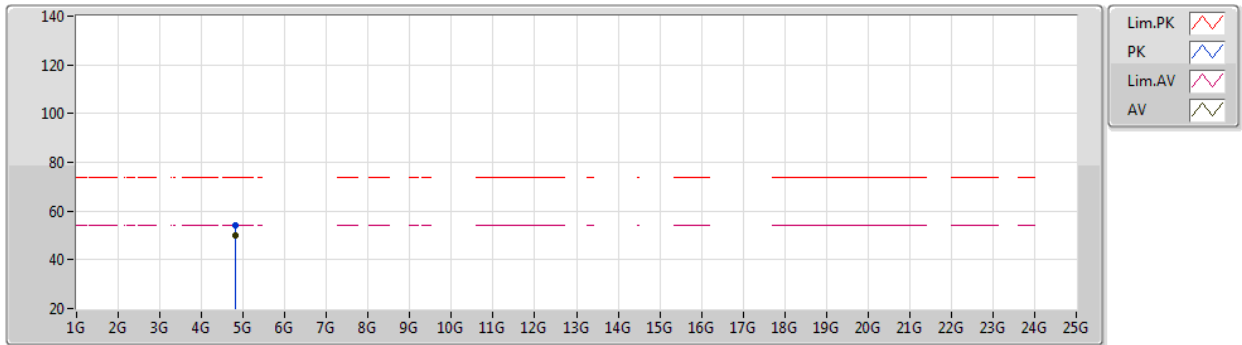


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3868G      | 53.25             | 54.00             | -0.75          | 32.07          | 3           | Vertical  | 351            | 1.85          | -       | 21.18         | 27.36      | 4.71       | -          |
| AV   | 2.4112G      | 113.57            | Inf               | -Inf           | 32.17          | 3           | Vertical  | 351            | 1.85          | -       | 81.40         | 27.43      | 4.74       | -          |
| PK   | 2.3894G      | 63.26             | 74.00             | -10.74         | 32.09          | 3           | Vertical  | 351            | 1.85          | -       | 31.17         | 27.37      | 4.72       | -          |
| PK   | 2.413G       | 117.52            | Inf               | -Inf           | 32.19          | 3           | Vertical  | 351            | 1.85          | -       | 85.33         | 27.44      | 4.75       | -          |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2412MHz\_TX

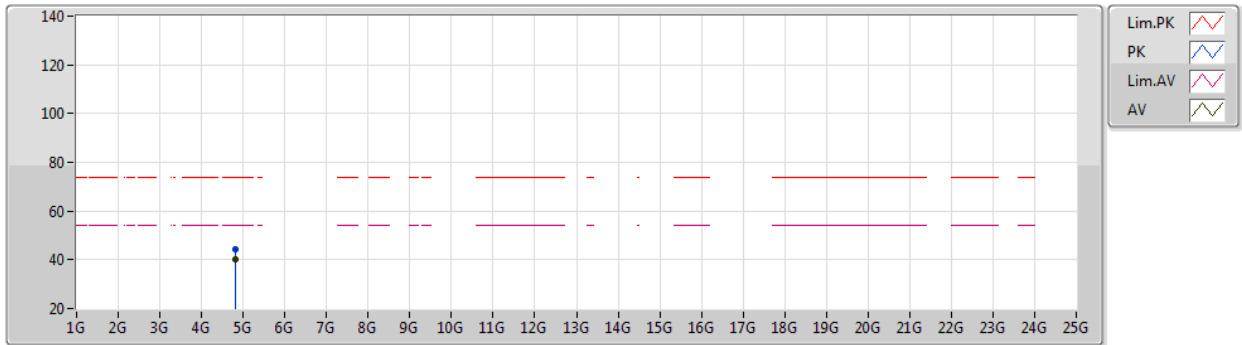


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82401G     | 50.18             | 54.00             | -3.82          | 4.27           | 3           | Vertical  | 353            | 1.37          | -       | 45.91         | 31.38      | 6.79       | 33.90      |
| PK   | 4.82409G     | 54.11             | 74.00             | -19.89         | 4.27           | 3           | Vertical  | 353            | 1.37          | -       | 49.84         | 31.38      | 6.79       | 33.90      |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2412MHz\_TX

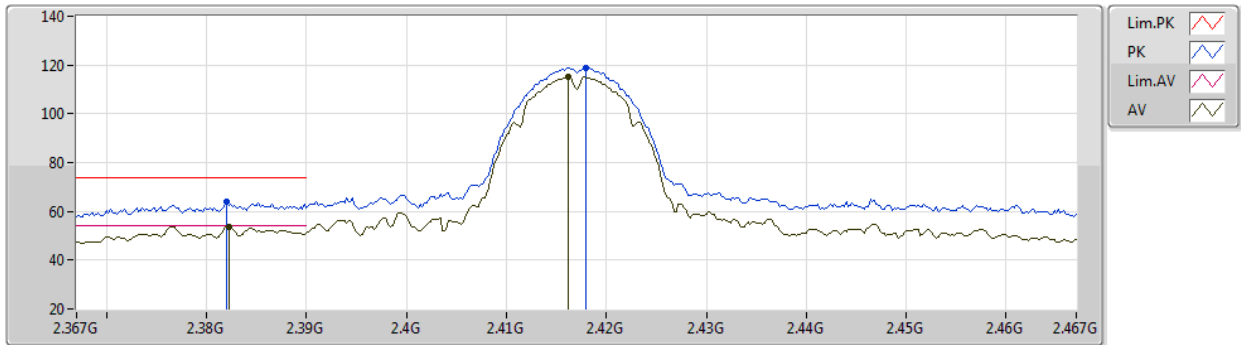


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82405G     | 40.12             | 54.00             | -13.88         | 4.27           | 3           | Horizontal | 182            | 1.75          | -       | 35.85         | 31.38      | 6.79       | 33.90      |
| PK   | 4.82408G     | 44.50             | 74.00             | -29.50         | 4.27           | 3           | Horizontal | 182            | 1.75          | -       | 40.23         | 31.38      | 6.79       | 33.90      |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2417MHz\_TX

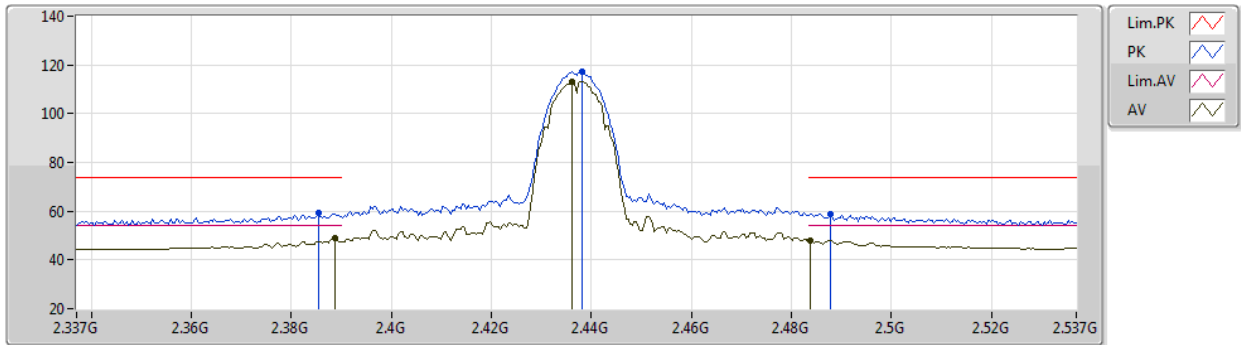


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3822G      | 53.71             | 54.00             | -0.29          | 32.06          | 3           | Vertical  | 165            | 1.74          | -       | 21.65         | 27.35      | 4.71       | -          |
| AV   | 2.4162G      | 114.99            | Inf               | -Inf           | 32.20          | 3           | Vertical  | 165            | 1.74          | -       | 82.79         | 27.45      | 4.75       | -          |
| PK   | 2.382G       | 63.73             | 74.00             | -10.27         | 32.06          | 3           | Vertical  | 165            | 1.74          | -       | 31.67         | 27.35      | 4.71       | -          |
| PK   | 2.418G       | 118.96            | Inf               | -Inf           | 32.20          | 3           | Vertical  | 165            | 1.74          | -       | 86.76         | 27.45      | 4.75       | -          |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2437MHz\_TX

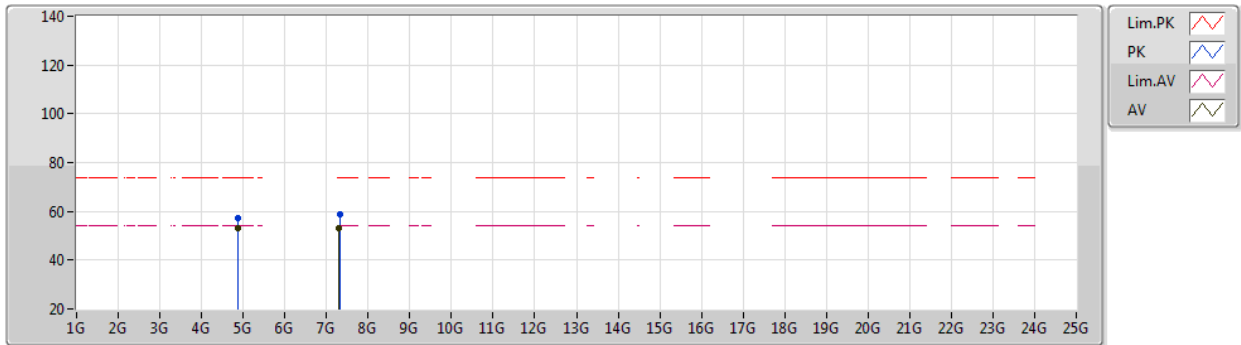


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3886G      | 49.16             | 54.00             | -4.84          | 32.09          | 3           | Vertical  | 22             | 1.99          | -       | 17.07         | 27.37      | 4.72       | -          |
| AV   | 2.4362G      | 113.33            | Inf               | -Inf           | 32.28          | 3           | Vertical  | 22             | 1.99          | -       | 81.05         | 27.51      | 4.77       | -          |
| AV   | 2.4838G      | 48.06             | 54.00             | -5.94          | 32.48          | 3           | Vertical  | 22             | 1.99          | -       | 15.58         | 27.65      | 4.83       | -          |
| PK   | 2.3854G      | 59.23             | 74.00             | -14.77         | 32.07          | 3           | Vertical  | 22             | 1.99          | -       | 27.16         | 27.36      | 4.71       | -          |
| PK   | 2.4382G      | 117.28            | Inf               | -Inf           | 32.28          | 3           | Vertical  | 22             | 1.99          | -       | 85.00         | 27.51      | 4.77       | -          |
| PK   | 2.4878G      | 58.83             | 74.00             | -15.17         | 32.49          | 3           | Vertical  | 22             | 1.99          | -       | 26.34         | 27.66      | 4.83       | -          |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2437MHz\_TX

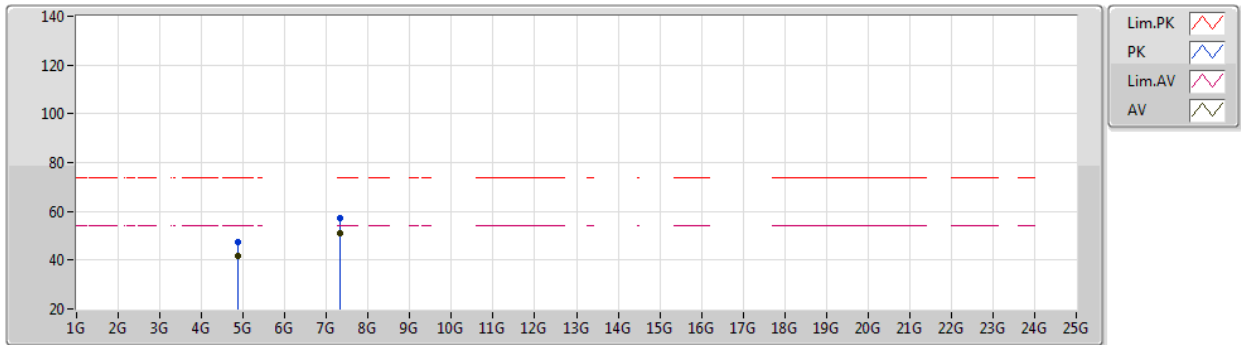


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.8741G      | 53.24             | 54.00             | -0.76          | 4.41           | 3           | Vertical  | 169            | 1.55          | -       | 48.83         | 31.47      | 6.81       | 33.87      |
| AV   | 7.30982G     | 53.30             | 54.00             | -0.70          | 10.51          | 3           | Vertical  | 178            | 1.65          | -       | 42.79         | 36.01      | 8.61       | 34.11      |
| PK   | 4.8741G      | 57.29             | 74.00             | -16.71         | 4.41           | 3           | Vertical  | 169            | 1.55          | -       | 52.88         | 31.47      | 6.81       | 33.87      |
| PK   | 7.312G       | 59.01             | 74.00             | -14.99         | 10.51          | 3           | Vertical  | 178            | 1.65          | -       | 48.50         | 36.01      | 8.61       | 34.11      |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2437MHz\_TX

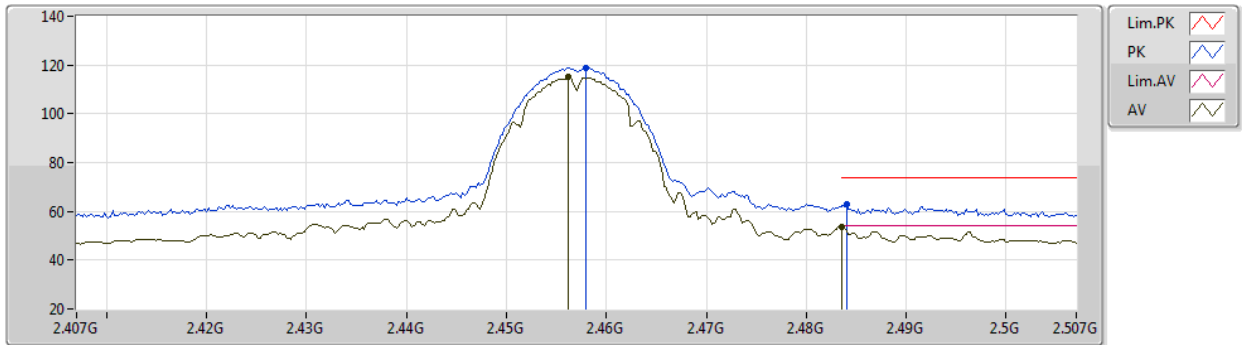


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87402G     | 41.70             | 54.00             | -12.30         | 4.41           | 3           | Horizontal | 170            | 1.61          | -       | 37.29         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31182G     | 51.22             | 54.00             | -2.78          | 10.51          | 3           | Horizontal | 342            | 1.85          | -       | 40.71         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87406G     | 47.22             | 74.00             | -26.78         | 4.41           | 3           | Horizontal | 170            | 1.61          | -       | 42.81         | 31.47      | 6.81       | 33.87      |
| PK   | 7.312G       | 57.26             | 74.00             | -16.74         | 10.51          | 3           | Horizontal | 342            | 1.85          | -       | 46.75         | 36.01      | 8.61       | 34.11      |

# 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

## 2457MHz\_TX

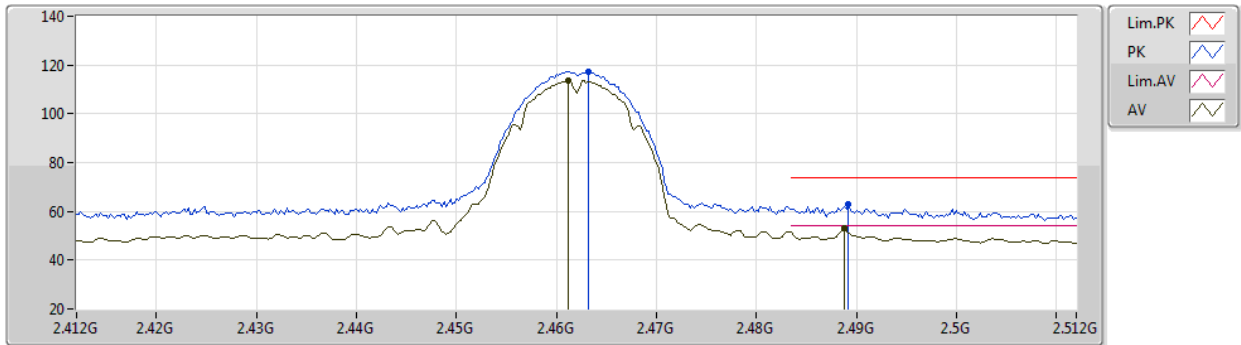


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4562G      | 115.04            | Inf               | -Inf           | 32.37          | 3           | Vertical  | 166            | 1.97          | -       | 82.67         | 27.57      | 4.80       | -          |
| AV   | 2.4835G      | 53.61             | 54.00             | -0.39          | 32.48          | 3           | Vertical  | 166            | 1.97          | -       | 21.13         | 27.65      | 4.83       | -          |
| PK   | 2.458G       | 118.95            | Inf               | -Inf           | 32.37          | 3           | Vertical  | 166            | 1.97          | -       | 86.58         | 27.57      | 4.80       | -          |
| PK   | 2.484G       | 63.06             | 74.00             | -10.94         | 32.48          | 3           | Vertical  | 166            | 1.97          | -       | 30.58         | 27.65      | 4.83       | -          |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2462MHz\_TX

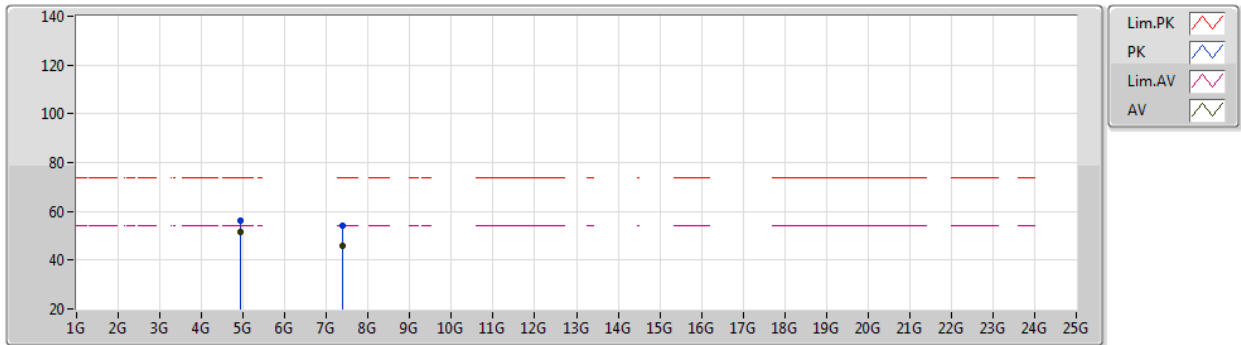


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4612G      | 113.68            | Inf               | -Inf           | 32.38          | 3           | Vertical  | 346            | 1.77          | -       | 81.30         | 27.58      | 4.80       | -          |
| AV   | 2.4888G      | 53.36             | 54.00             | -0.64          | 32.50          | 3           | Vertical  | 346            | 1.77          | -       | 20.86         | 27.67      | 4.83       | -          |
| PK   | 2.4632G      | 117.47            | Inf               | -Inf           | 32.39          | 3           | Vertical  | 346            | 1.77          | -       | 85.08         | 27.59      | 4.80       | -          |
| PK   | 2.4892G      | 62.68             | 74.00             | -11.32         | 32.50          | 3           | Vertical  | 346            | 1.77          | -       | 30.18         | 27.67      | 4.83       | -          |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2462MHz\_TX

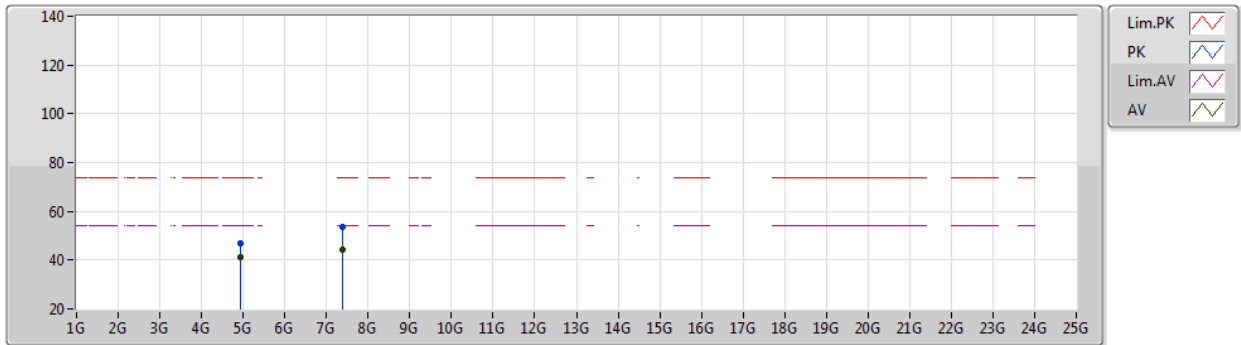


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.924G       | 51.40             | 54.00             | -2.60          | 4.53           | 3           | Vertical  | 337            | 1.91          | -       | 46.87         | 31.56      | 6.82       | 33.85      |
| AV   | 7.38682G     | 45.99             | 54.00             | -8.01          | 10.75          | 3           | Vertical  | 186            | 1.40          | -       | 35.24         | 36.21      | 8.65       | 34.11      |
| PK   | 4.92402G     | 56.04             | 74.00             | -17.96         | 4.53           | 3           | Vertical  | 337            | 1.91          | -       | 51.51         | 31.56      | 6.82       | 33.85      |
| PK   | 7.3845G      | 54.12             | 74.00             | -19.88         | 10.74          | 3           | Vertical  | 186            | 1.40          | -       | 43.38         | 36.20      | 8.65       | 34.11      |

## 802.11b\_Nss1,(1Mbps)\_2TX

09/11/2019

### 2462MHz\_TX

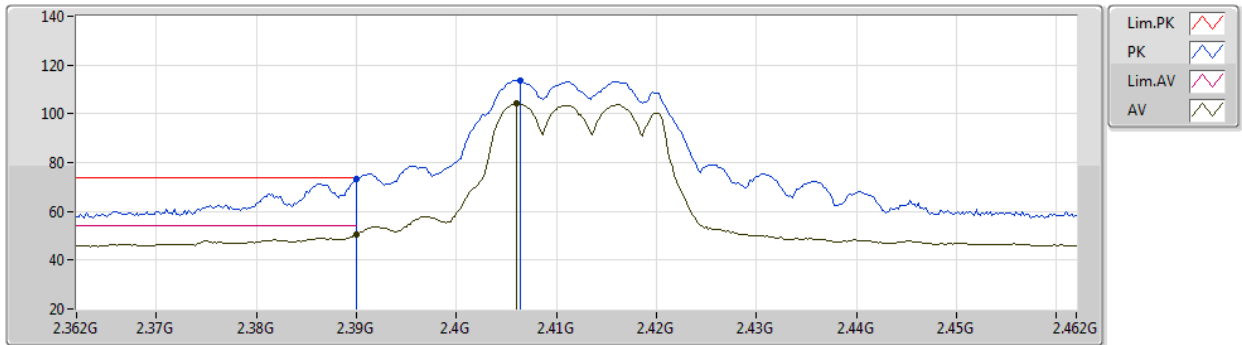


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.9242G      | 41.22             | 54.00             | -12.78         | 4.53           | 3           | Horizontal | 82             | 1.84          | -       | 36.69         | 31.56      | 6.82       | 33.85      |
| AV   | 7.38676G     | 44.14             | 54.00             | -9.86          | 10.75          | 3           | Horizontal | 344            | 1.58          | -       | 33.39         | 36.21      | 8.65       | 34.11      |
| PK   | 4.92399G     | 46.83             | 74.00             | -27.17         | 4.53           | 3           | Horizontal | 82             | 1.84          | -       | 42.30         | 31.56      | 6.82       | 33.85      |
| PK   | 7.3852G      | 53.63             | 74.00             | -20.37         | 10.74          | 3           | Horizontal | 344            | 1.58          | -       | 42.89         | 36.20      | 8.65       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2412MHz\_TX

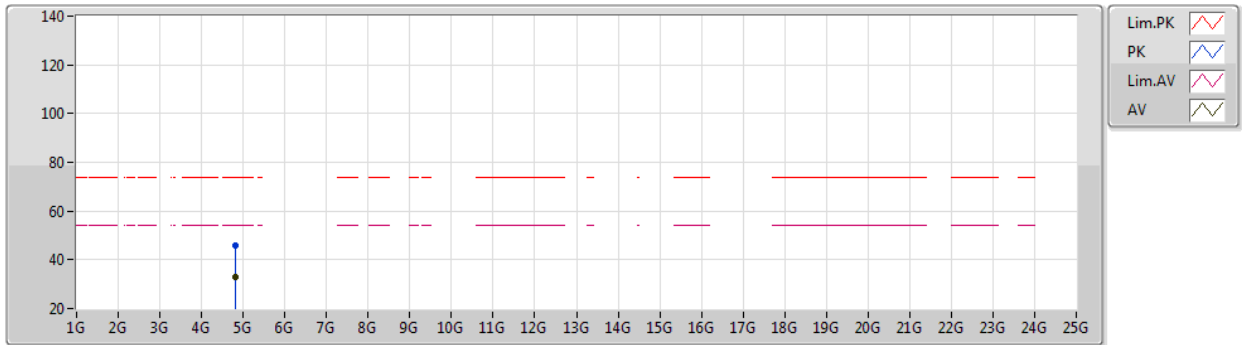


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.39G        | 50.46             | 54.00             | -3.54          | 32.09          | 3           | Vertical  | 2              | 1.60          | -       | 18.37         | 27.37      | 4.72       | -          |
| AV   | 2.406G       | 104.36            | Inf               | -Inf           | 32.16          | 3           | Vertical  | 2              | 1.60          | -       | 72.20         | 27.42      | 4.74       | -          |
| PK   | 2.39G        | 73.09             | 74.00             | -0.91          | 32.09          | 3           | Vertical  | 2              | 1.60          | -       | 41.00         | 27.37      | 4.72       | -          |
| PK   | 2.406G       | 113.82            | Inf               | -Inf           | 32.16          | 3           | Vertical  | 2              | 1.60          | -       | 81.66         | 27.42      | 4.74       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2412MHz\_TX

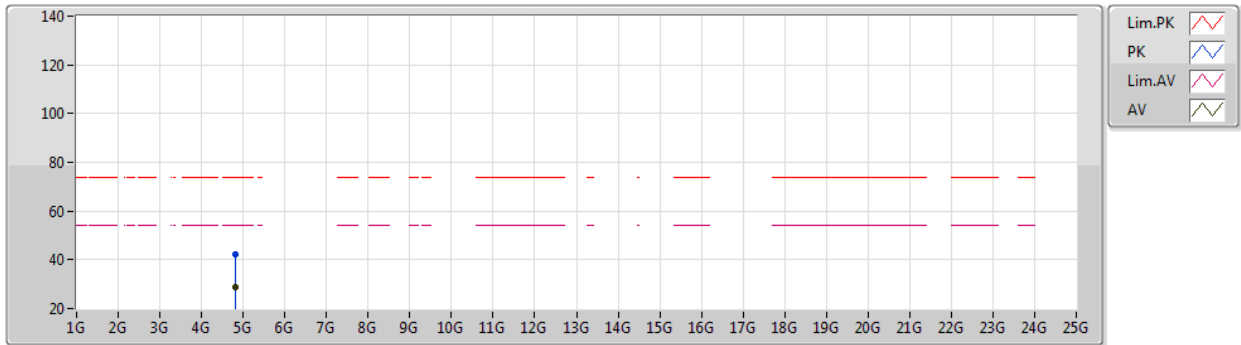


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82462G     | 33.03             | 54.00             | -20.97         | 4.27           | 3           | Vertical  | 217            | 2.09          | -       | 28.76         | 31.38      | 6.79       | 33.90      |
| PK   | 4.82594G     | 45.94             | 74.00             | -28.06         | 4.28           | 3           | Vertical  | 217            | 2.09          | -       | 41.66         | 31.39      | 6.79       | 33.90      |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2412MHz\_TX

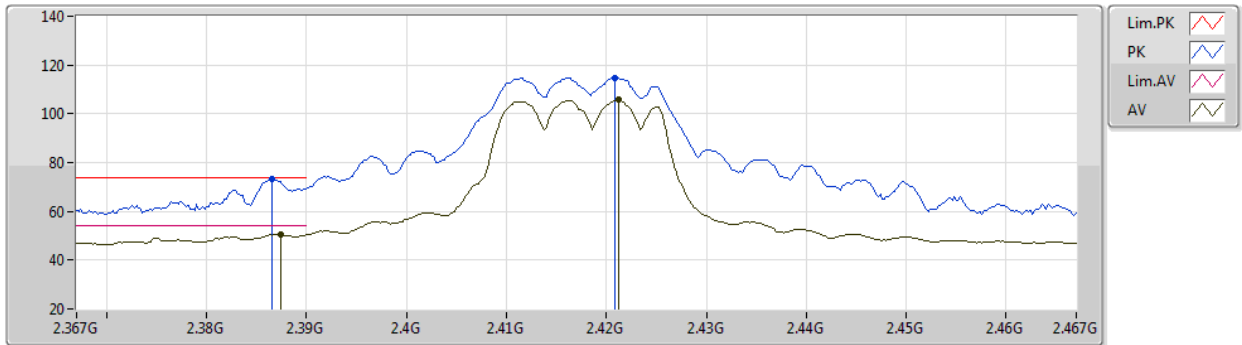


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.8264G      | 28.85             | 54.00             | -25.15         | 4.28           | 3           | Horizontal | 227            | 1.90          | -       | 24.57         | 31.39      | 6.79       | 33.90      |
| PK   | 4.8242G      | 42.06             | 74.00             | -31.94         | 4.27           | 3           | Horizontal | 227            | 1.90          | -       | 37.79         | 31.38      | 6.79       | 33.90      |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2417MHz\_TX

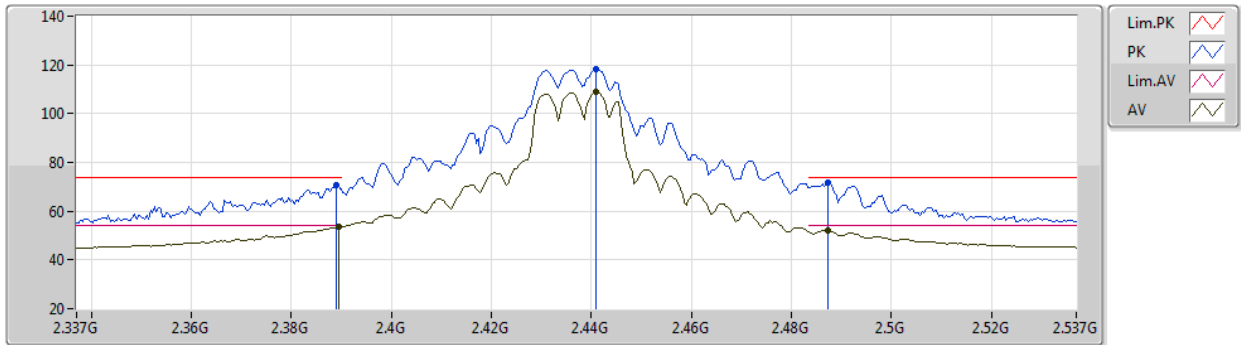


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3874G      | 50.47             | 54.00             | -3.53          | 32.08          | 3           | Vertical  | 1              | 1.75          | -       | 18.39         | 27.36      | 4.72       | -          |
| AV   | 2.4212G      | 105.66            | Inf               | -Inf           | 32.21          | 3           | Vertical  | 1              | 1.75          | -       | 73.45         | 27.46      | 4.75       | -          |
| PK   | 2.3866G      | 73.40             | 74.00             | -0.60          | 32.07          | 3           | Vertical  | 1              | 1.75          | -       | 41.33         | 27.36      | 4.71       | -          |
| PK   | 2.4208G      | 114.89            | Inf               | -Inf           | 32.21          | 3           | Vertical  | 1              | 1.75          | -       | 82.68         | 27.46      | 4.75       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2437MHz\_TX

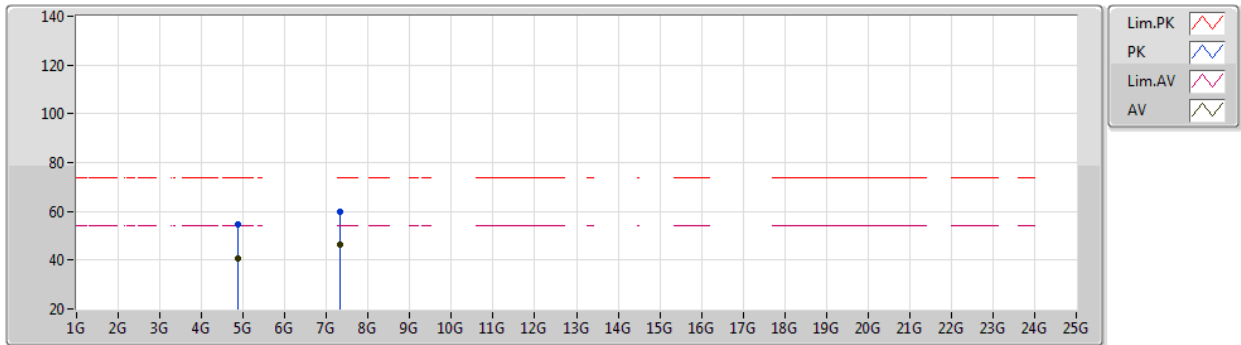


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3894G      | 53.60             | 54.00             | -0.40          | 32.09          | 3           | Vertical  | 3              | 1.64          | -       | 21.51         | 27.37      | 4.72       | -          |
| AV   | 2.441G       | 109.13            | Inf               | -Inf           | 32.30          | 3           | Vertical  | 3              | 1.64          | -       | 76.83         | 27.52      | 4.78       | -          |
| AV   | 2.4874G      | 52.14             | 54.00             | -1.86          | 32.49          | 3           | Vertical  | 3              | 1.64          | -       | 19.65         | 27.66      | 4.83       | -          |
| PK   | 2.389G       | 70.61             | 74.00             | -3.39          | 32.09          | 3           | Vertical  | 3              | 1.64          | -       | 38.52         | 27.37      | 4.72       | -          |
| PK   | 2.441G       | 118.42            | Inf               | -Inf           | 32.30          | 3           | Vertical  | 3              | 1.64          | -       | 86.12         | 27.52      | 4.78       | -          |
| PK   | 2.4874G      | 71.74             | 74.00             | -2.26          | 32.49          | 3           | Vertical  | 3              | 1.64          | -       | 39.25         | 27.66      | 4.83       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2437MHz\_TX

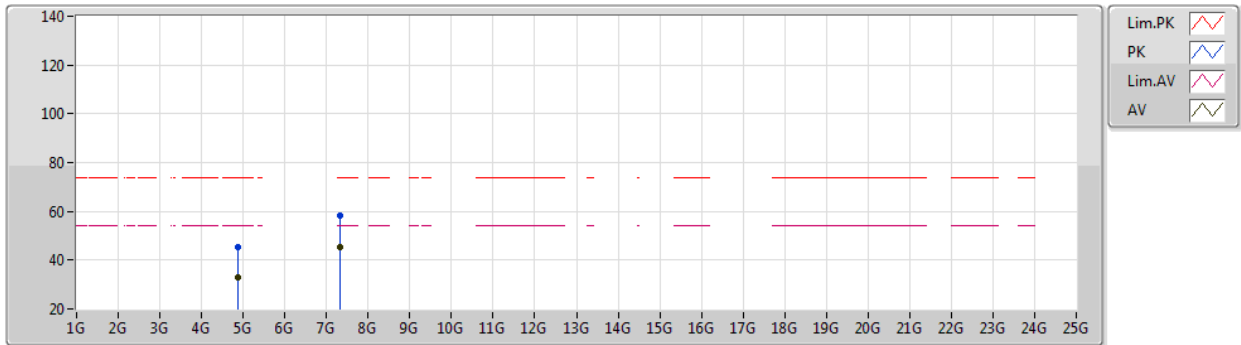


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87574G     | 40.45             | 54.00             | -13.55         | 4.42           | 3           | Vertical  | 325            | 1.49          | -       | 36.03         | 31.48      | 6.81       | 33.87      |
| AV   | 7.3125G      | 46.31             | 54.00             | -7.69          | 10.51          | 3           | Vertical  | 181            | 1.77          | -       | 35.80         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87562G     | 54.61             | 74.00             | -19.39         | 4.42           | 3           | Vertical  | 325            | 1.49          | -       | 50.19         | 31.48      | 6.81       | 33.87      |
| PK   | 7.31298G     | 59.87             | 74.00             | -14.13         | 10.51          | 3           | Vertical  | 181            | 1.77          | -       | 49.36         | 36.01      | 8.61       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2437MHz\_TX

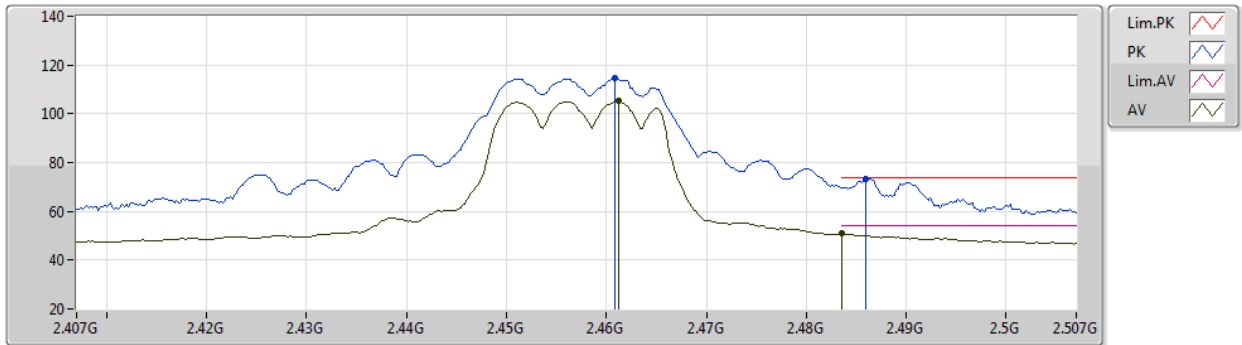


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.8749G      | 32.72             | 54.00             | -21.28         | 4.41           | 3           | Horizontal | 22             | 1.49          | -       | 28.31         | 31.47      | 6.81       | 33.87      |
| AV   | 7.3125G      | 45.19             | 54.00             | -8.81          | 10.51          | 3           | Horizontal | 12             | 1.66          | -       | 34.68         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87484G     | 45.32             | 74.00             | -28.68         | 4.41           | 3           | Horizontal | 22             | 1.49          | -       | 40.91         | 31.47      | 6.81       | 33.87      |
| PK   | 7.31286G     | 58.45             | 74.00             | -15.55         | 10.51          | 3           | Horizontal | 12             | 1.66          | -       | 47.94         | 36.01      | 8.61       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2457MHz\_TX

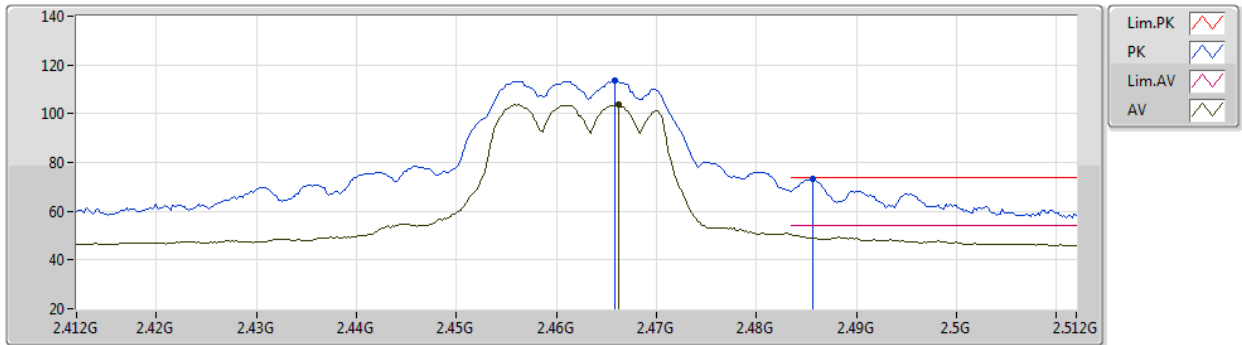


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4612G      | 105.30            | Inf               | -Inf           | 32.38          | 3           | Vertical  | 357            | 1.74          | -       | 72.92         | 27.58      | 4.80       | -          |
| AV   | 2.4835G      | 50.83             | 54.00             | -3.17          | 32.48          | 3           | Vertical  | 357            | 1.74          | -       | 18.35         | 27.65      | 4.83       | -          |
| PK   | 2.4608G      | 114.55            | Inf               | -Inf           | 32.38          | 3           | Vertical  | 357            | 1.74          | -       | 82.17         | 27.58      | 4.80       | -          |
| PK   | 2.486G       | 73.18             | 74.00             | -0.82          | 32.49          | 3           | Vertical  | 357            | 1.74          | -       | 40.69         | 27.66      | 4.83       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2462MHz\_TX

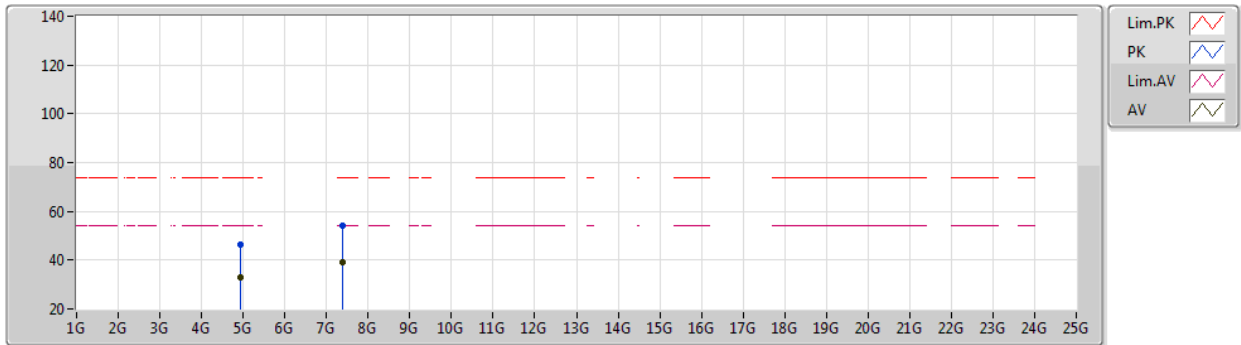


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.4662G      | 103.99            | Inf               | -Inf           | 32.41          | 3           | Vertical  | 0              | 1.45          | -       | 71.58         | 27.60      | 4.81       | -          |
| PK   | 2.4658G      | 113.48            | Inf               | -Inf           | 32.41          | 3           | Vertical  | 0              | 1.45          | -       | 81.07         | 27.60      | 4.81       | -          |
| PK   | 2.4856G      | 73.18             | 74.00             | -0.82          | 32.49          | 3           | Vertical  | 0              | 1.45          | -       | 40.69         | 27.66      | 4.83       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2462MHz\_TX

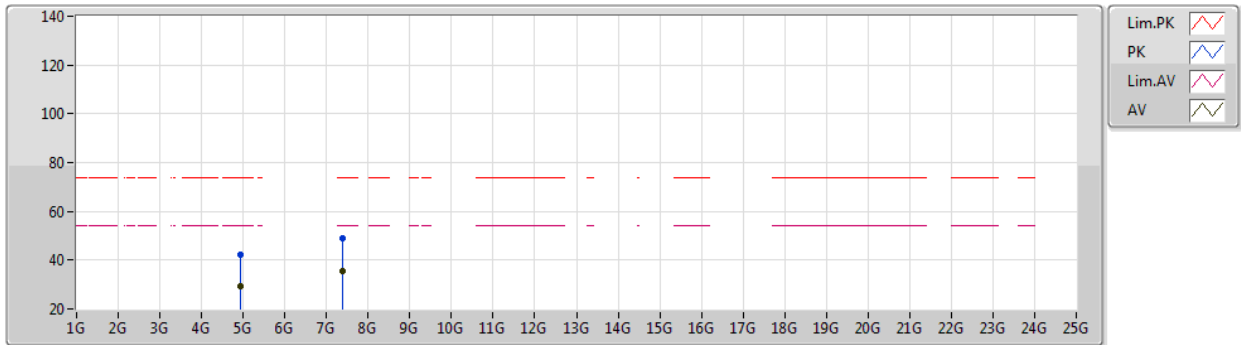


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92606G     | 33.09             | 54.00             | -20.91         | 4.55           | 3           | Vertical  | 48             | 1.40          | -       | 28.54         | 31.57      | 6.82       | 33.84      |
| AV   | 7.38717G     | 39.18             | 54.00             | -14.82         | 10.75          | 3           | Vertical  | 159            | 1.85          | -       | 28.43         | 36.21      | 8.65       | 34.11      |
| PK   | 4.92275G     | 46.56             | 74.00             | -27.44         | 4.53           | 3           | Vertical  | 48             | 1.40          | -       | 42.03         | 31.56      | 6.82       | 33.85      |
| PK   | 7.38495G     | 54.27             | 74.00             | -19.73         | 10.74          | 3           | Vertical  | 159            | 1.85          | -       | 43.53         | 36.20      | 8.65       | 34.11      |

## 802.11g\_Nss1,(6Mbps)\_2TX

09/11/2019

### 2462MHz\_TX

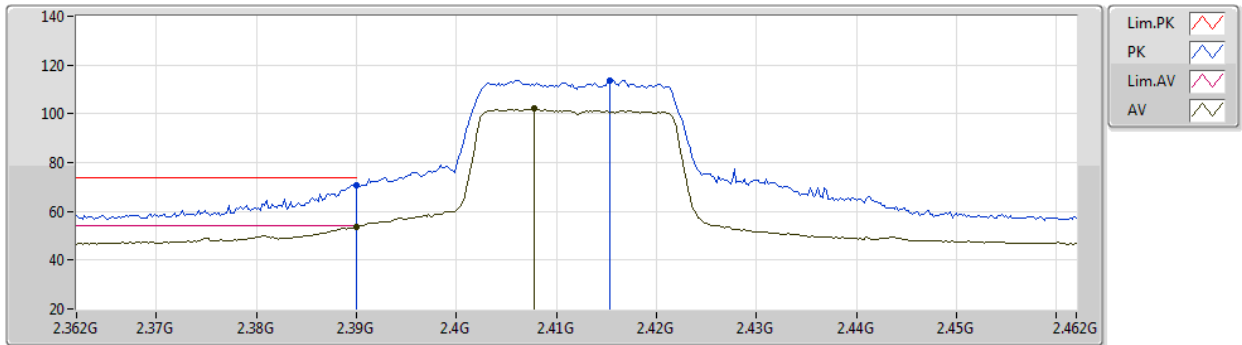


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92557G     | 29.12             | 54.00             | -24.88         | 4.55           | 3           | Horizontal | 248            | 1.02          | -       | 24.57         | 31.57      | 6.82       | 33.84      |
| AV   | 7.38662G     | 35.41             | 54.00             | -18.59         | 10.75          | 3           | Horizontal | 76             | 1.27          | -       | 24.66         | 36.21      | 8.65       | 34.11      |
| PK   | 4.92342G     | 42.22             | 74.00             | -31.78         | 4.53           | 3           | Horizontal | 248            | 1.02          | -       | 37.69         | 31.56      | 6.82       | 33.85      |
| PK   | 7.38387G     | 49.11             | 74.00             | -24.89         | 10.74          | 3           | Horizontal | 76             | 1.27          | -       | 38.37         | 36.20      | 8.65       | 34.11      |

## 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

### 2412MHz\_TX

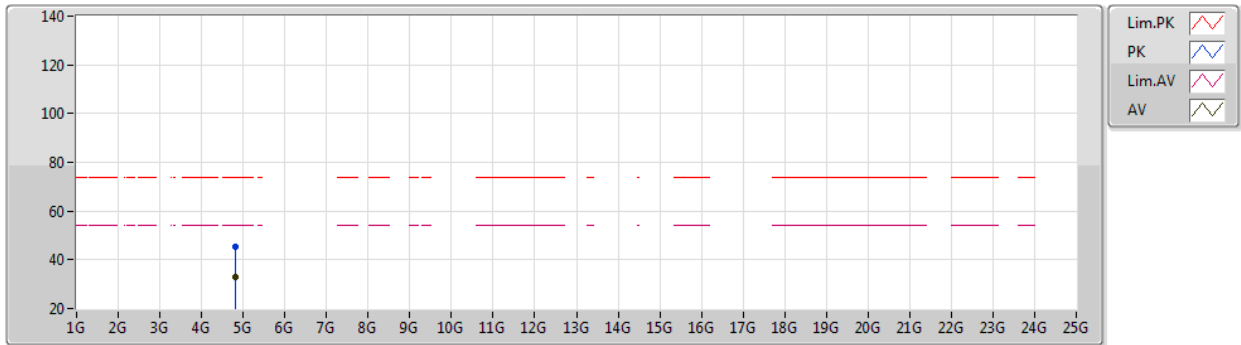


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.39G        | 53.78             | 54.00             | -0.22          | 32.09          | 3           | Vertical  | 0              | 1.60          | -       | 21.69         | 27.37      | 4.72       | -          |
| AV   | 2.4078G      | 102.34            | Inf               | -Inf           | 32.16          | 3           | Vertical  | 0              | 1.60          | -       | 70.18         | 27.42      | 4.74       | -          |
| PK   | 2.39G        | 70.92             | 74.00             | -3.08          | 32.09          | 3           | Vertical  | 0              | 1.60          | -       | 38.83         | 27.37      | 4.72       | -          |
| PK   | 2.4154G      | 113.67            | Inf               | -Inf           | 32.20          | 3           | Vertical  | 0              | 1.60          | -       | 81.47         | 27.45      | 4.75       | -          |

## 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

### 2412MHz\_TX

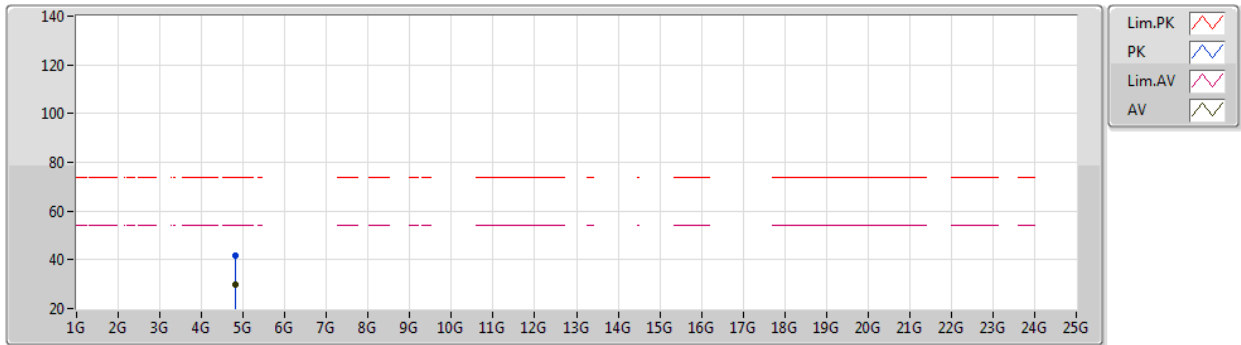


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82545G     | 33.00             | 54.00             | -21.00         | 4.28           | 3           | Vertical  | 158            | 2.38          | -       | 28.72         | 31.39      | 6.79       | 33.90      |
| PK   | 4.82551G     | 45.11             | 74.00             | -28.89         | 4.28           | 3           | Vertical  | 158            | 2.38          | -       | 40.83         | 31.39      | 6.79       | 33.90      |

## 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

### 2412MHz\_TX

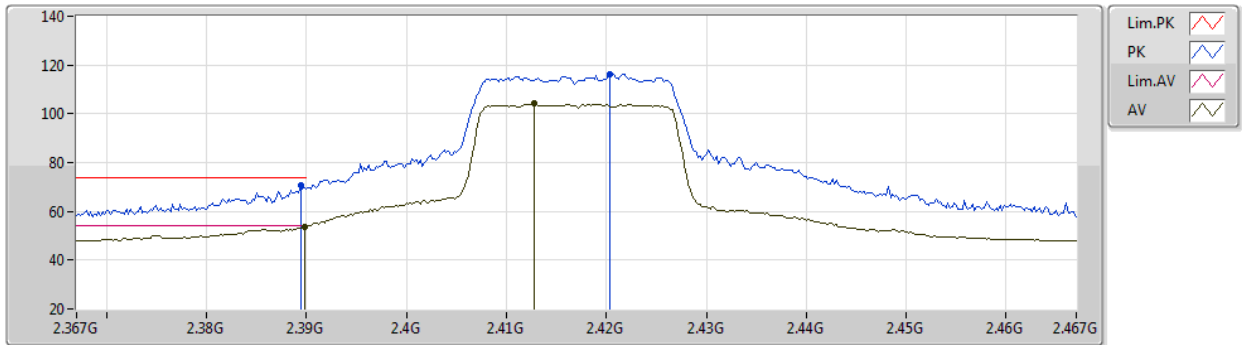


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.82348G     | 29.73             | 54.00             | -24.27         | 4.27           | 3           | Horizontal | 147            | 1.04          | -       | 25.46         | 31.38      | 6.79       | 33.90      |
| PK   | 4.82266G     | 41.54             | 74.00             | -32.46         | 4.27           | 3           | Horizontal | 147            | 1.04          | -       | 37.27         | 31.38      | 6.79       | 33.90      |

# 802.11ax HEW20\_Nss2,(MCS0)\_2TX

07/11/2019

## 2417MHz\_TX

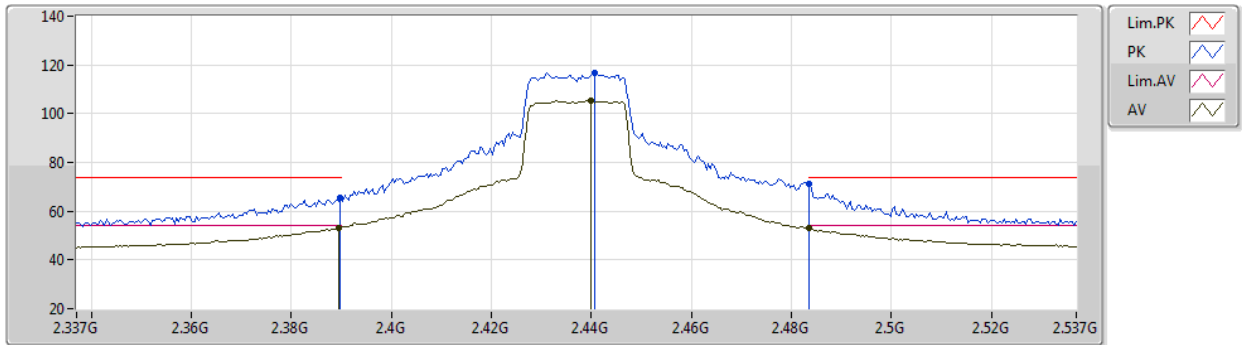


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.78             | 54.00             | -0.22          | 32.09          | 3           | Vertical  | 360            | 1.79          | -       | 21.69         | 27.37      | 4.72       | -          |
| AV   | 2.4128G      | 104.20            | Inf               | -Inf           | 32.18          | 3           | Vertical  | 360            | 1.79          | -       | 72.02         | 27.44      | 4.74       | -          |
| PK   | 2.3894G      | 70.55             | 74.00             | -3.45          | 32.09          | 3           | Vertical  | 360            | 1.79          | -       | 38.46         | 27.37      | 4.72       | -          |
| PK   | 2.4204G      | 116.16            | Inf               | -Inf           | 32.21          | 3           | Vertical  | 360            | 1.79          | -       | 83.95         | 27.46      | 4.75       | -          |

# 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

## 2437MHz\_TX

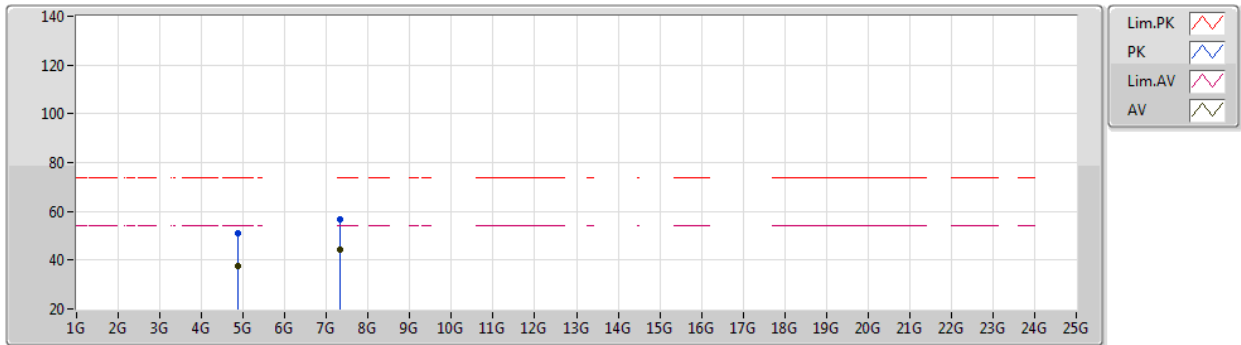


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3894G      | 53.32             | 54.00             | -0.68          | 32.09          | 3           | Vertical  | 183            | 1.62          | -       | 21.23         | 27.37      | 4.72       | -          |
| AV   | 2.4398G      | 105.46            | Inf               | -Inf           | 32.30          | 3           | Vertical  | 183            | 1.62          | -       | 73.16         | 27.52      | 4.78       | -          |
| AV   | 2.4835G      | 53.05             | 54.00             | -0.95          | 32.48          | 3           | Vertical  | 183            | 1.62          | -       | 20.57         | 27.65      | 4.83       | -          |
| PK   | 2.3898G      | 65.48             | 74.00             | -8.52          | 32.09          | 3           | Vertical  | 183            | 1.62          | -       | 33.39         | 27.37      | 4.72       | -          |
| PK   | 2.4406G      | 116.90            | Inf               | -Inf           | 32.30          | 3           | Vertical  | 183            | 1.62          | -       | 84.60         | 27.52      | 4.78       | -          |
| PK   | 2.4835G      | 71.45             | 74.00             | -2.55          | 32.48          | 3           | Vertical  | 183            | 1.62          | -       | 38.97         | 27.65      | 4.83       | -          |

## 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

### 2437MHz\_TX

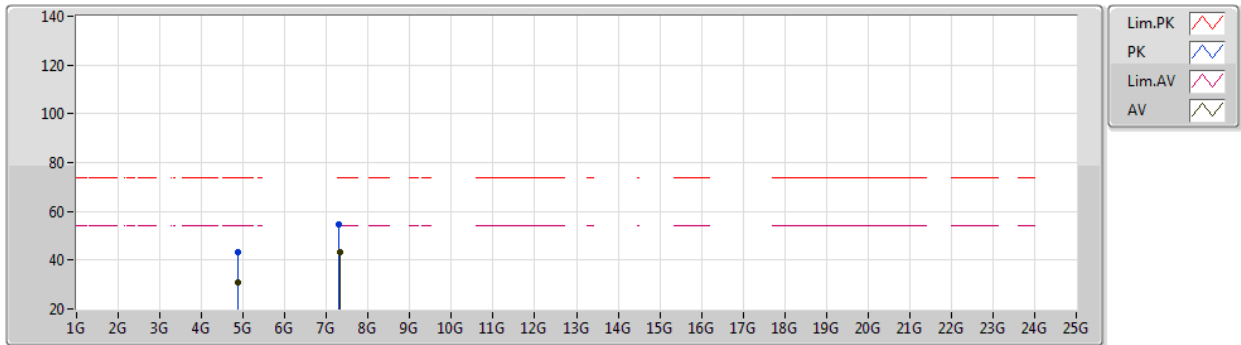


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.8758G      | 37.78             | 54.00             | -16.22         | 4.42           | 3           | Vertical  | 322            | 1.50          | -       | 33.36         | 31.48      | 6.81       | 33.87      |
| AV   | 7.3144G      | 44.44             | 54.00             | -9.56          | 10.52          | 3           | Vertical  | 181            | 1.78          | -       | 33.92         | 36.02      | 8.61       | 34.11      |
| PK   | 4.8711G      | 50.78             | 74.00             | -23.22         | 4.41           | 3           | Vertical  | 322            | 1.50          | -       | 46.37         | 31.47      | 6.81       | 33.87      |
| PK   | 7.313G       | 56.95             | 74.00             | -17.05         | 10.51          | 3           | Vertical  | 181            | 1.78          | -       | 46.44         | 36.01      | 8.61       | 34.11      |

## 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

### 2437MHz\_TX

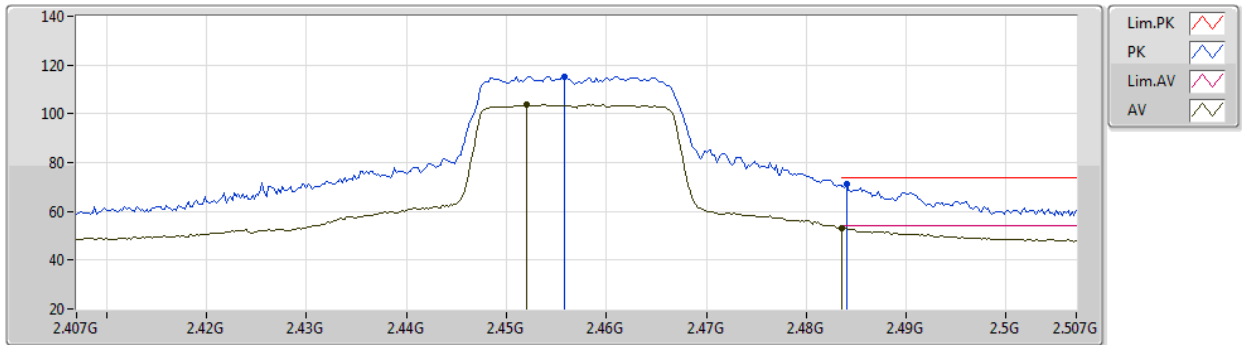


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87448G     | 30.74             | 54.00             | -23.26         | 4.41           | 3           | Horizontal | 25             | 1.62          | -       | 26.33         | 31.47      | 6.81       | 33.87      |
| AV   | 7.313G       | 43.27             | 54.00             | -10.73         | 10.51          | 3           | Horizontal | 11             | 1.64          | -       | 32.76         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87354G     | 43.24             | 74.00             | -30.76         | 4.41           | 3           | Horizontal | 25             | 1.62          | -       | 38.83         | 31.47      | 6.81       | 33.87      |
| PK   | 7.306G       | 54.68             | 74.00             | -19.32         | 10.50          | 3           | Horizontal | 11             | 1.64          | -       | 44.18         | 36.00      | 8.61       | 34.11      |

# 802.11ax HEW20\_Nss2,(MCS0)\_2TX

07/11/2019

## 2457MHz\_TX

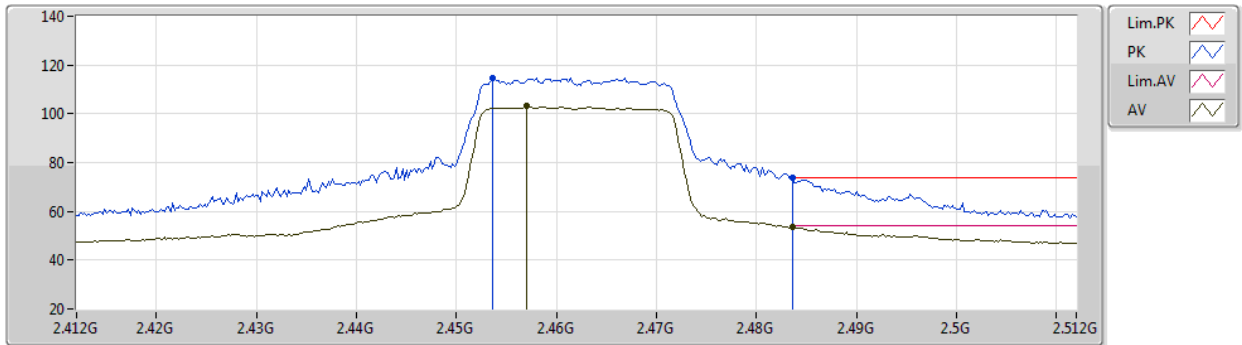


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 2.4558G      | 115.43            | Inf               | -Inf           | 32.37          | 3           | Vertical  | 175            | 2.09          | -       | 83.06         | 27.57      | 4.80       | -          |
| AV   | 2.452G       | 104.03            | Inf               | -Inf           | 32.35          | 3           | Vertical  | 175            | 2.09          | -       | 71.68         | 27.56      | 4.79       | -          |
| PK   | 2.484G       | 71.17             | 74.00             | -2.83          | 32.48          | 3           | Vertical  | 175            | 2.09          | -       | 38.69         | 27.65      | 4.83       | -          |
| AV   | 2.4835G      | 53.26             | 54.00             | -0.74          | 32.48          | 3           | Vertical  | 175            | 2.09          | -       | 20.78         | 27.65      | 4.83       | -          |

# 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

## 2462MHz\_TX

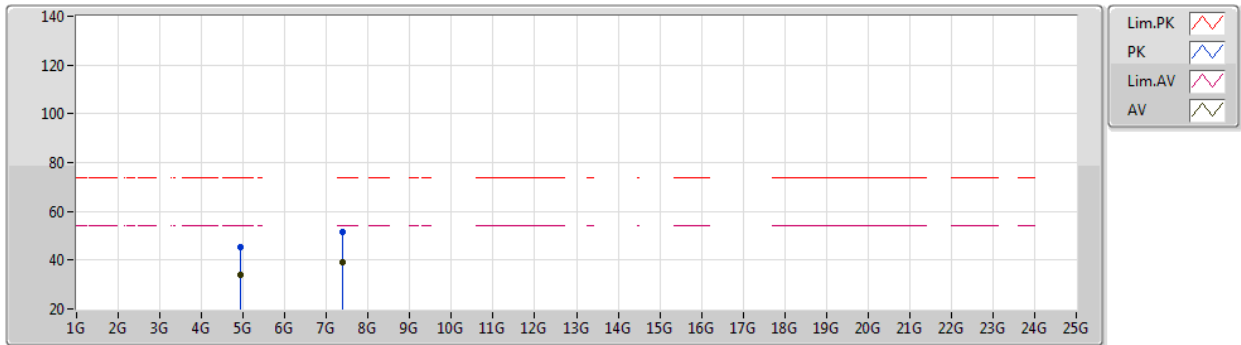


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.457G       | 103.03            | Inf               | -Inf           | 32.37          | 3           | Vertical  | 172            | 1.80          | -       | 70.66         | 27.57      | 4.80       | -          |
| AV   | 2.4836G      | 53.47             | 54.00             | -0.53          | 32.48          | 3           | Vertical  | 172            | 1.80          | -       | 20.99         | 27.65      | 4.83       | -          |
| PK   | 2.4536G      | 114.91            | Inf               | -Inf           | 32.35          | 3           | Vertical  | 172            | 1.80          | -       | 82.56         | 27.56      | 4.79       | -          |
| PK   | 2.4836G      | 73.70             | 74.00             | -0.30          | 32.48          | 3           | Vertical  | 172            | 1.80          | -       | 41.22         | 27.65      | 4.83       | -          |

## 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

### 2462MHz\_TX

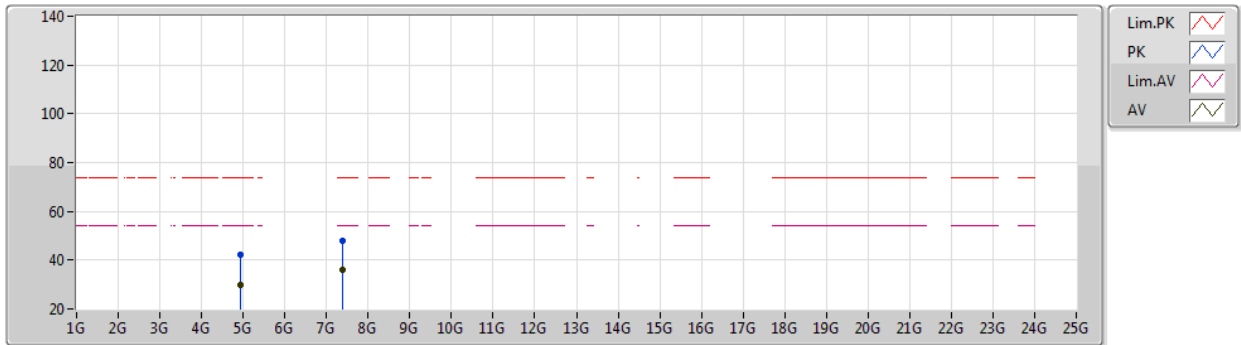


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92415G     | 33.93             | 54.00             | -20.07         | 4.53           | 3           | Vertical  | 357            | 1.40          | -       | 29.40         | 31.56      | 6.82       | 33.85      |
| AV   | 7.38806G     | 39.06             | 54.00             | -14.94         | 10.75          | 3           | Vertical  | 54             | 1.54          | -       | 28.31         | 36.21      | 8.65       | 34.11      |
| PK   | 4.92486G     | 45.45             | 74.00             | -28.55         | 4.53           | 3           | Vertical  | 357            | 1.40          | -       | 40.92         | 31.56      | 6.82       | 33.85      |
| PK   | 7.38731G     | 51.64             | 74.00             | -22.36         | 10.75          | 3           | Vertical  | 54             | 1.54          | -       | 40.89         | 36.21      | 8.65       | 34.11      |

## 802.11ax HEW20\_Nss2,(MCS0)\_2TX

09/11/2019

### 2462MHz\_TX

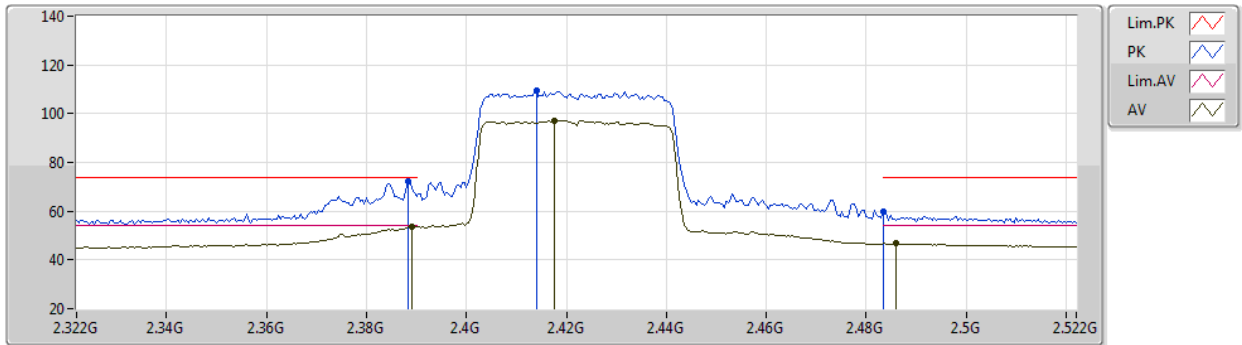


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.92378G     | 30.08             | 54.00             | -23.92         | 4.53           | 3           | Horizontal | 289            | 2.15          | -       | 25.55         | 31.56      | 6.82       | 33.85      |
| AV   | 7.38809G     | 36.14             | 54.00             | -17.86         | 10.75          | 3           | Horizontal | 129            | 1.19          | -       | 25.39         | 36.21      | 8.65       | 34.11      |
| PK   | 4.92538G     | 42.14             | 74.00             | -31.86         | 4.55           | 3           | Horizontal | 289            | 2.15          | -       | 37.59         | 31.57      | 6.82       | 33.84      |
| PK   | 7.3838G      | 48.16             | 74.00             | -25.84         | 10.74          | 3           | Horizontal | 129            | 1.19          | -       | 37.42         | 36.20      | 8.65       | 34.11      |

# 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

## 2422MHz\_TX

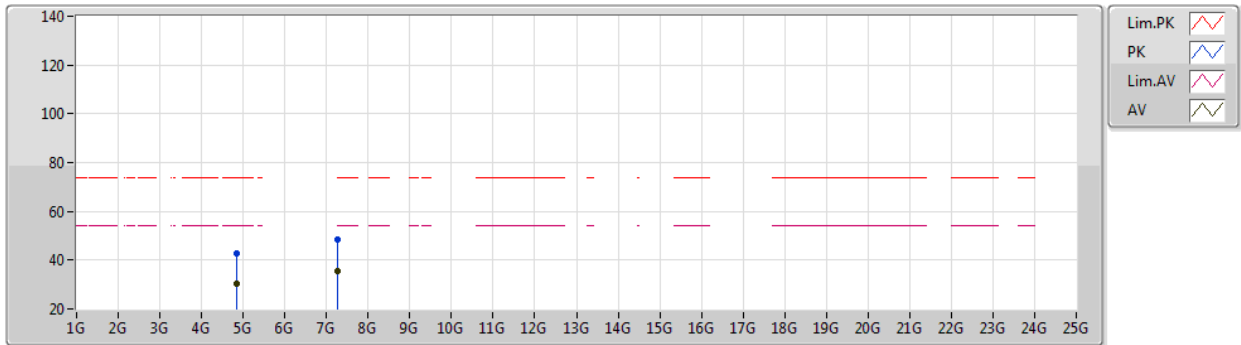


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3892G      | 53.45             | 54.00             | -0.55          | 32.09          | 3           | Vertical  | 0              | 1.48          | -       | 21.36         | 27.37      | 4.72       | -          |
| AV   | 2.4176G      | 97.27             | Inf               | -Inf           | 32.20          | 3           | Vertical  | 0              | 1.48          | -       | 65.07         | 27.45      | 4.75       | -          |
| AV   | 2.486G       | 46.72             | 54.00             | -7.28          | 32.49          | 3           | Vertical  | 0              | 1.48          | -       | 14.23         | 27.66      | 4.83       | -          |
| PK   | 2.3884G      | 72.17             | 74.00             | -1.83          | 32.09          | 3           | Vertical  | 0              | 1.48          | -       | 40.08         | 27.37      | 4.72       | -          |
| PK   | 2.414G       | 109.38            | Inf               | -Inf           | 32.19          | 3           | Vertical  | 0              | 1.48          | -       | 77.19         | 27.44      | 4.75       | -          |
| PK   | 2.4835G      | 60.05             | 74.00             | -13.95         | 32.48          | 3           | Vertical  | 0              | 1.48          | -       | 27.57         | 27.65      | 4.83       | -          |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

### 2422MHz\_TX

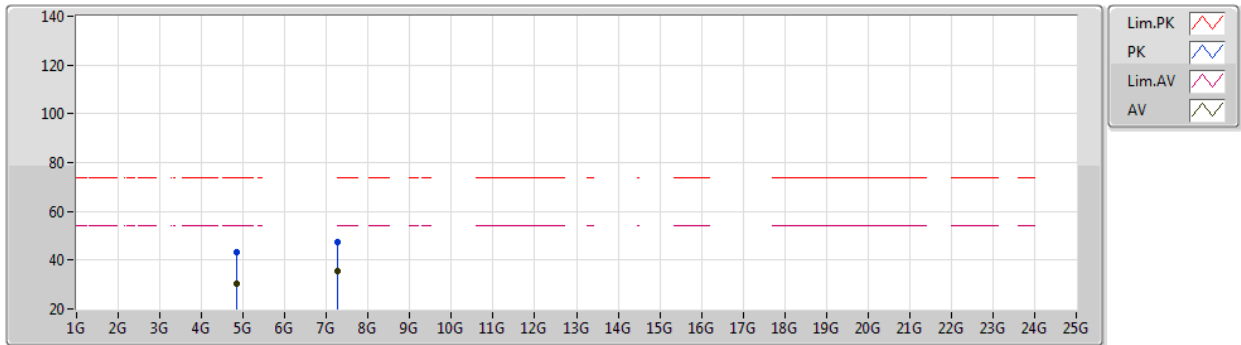


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.84519G     | 30.17             | 54.00             | -23.83         | 4.33           | 3           | Vertical  | 33             | 1.50          | -       | 25.84         | 31.42      | 6.80       | 33.89      |
| AV   | 7.26777G     | 35.28             | 54.00             | -18.72         | 10.38          | 3           | Vertical  | 316            | 1.80          | -       | 24.90         | 35.90      | 8.59       | 34.11      |
| PK   | 4.84341G     | 42.71             | 74.00             | -31.29         | 4.33           | 3           | Vertical  | 33             | 1.50          | -       | 38.38         | 31.42      | 6.80       | 33.89      |
| PK   | 7.26364G     | 48.58             | 74.00             | -25.42         | 10.37          | 3           | Vertical  | 316            | 1.80          | -       | 38.21         | 35.89      | 8.59       | 34.11      |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

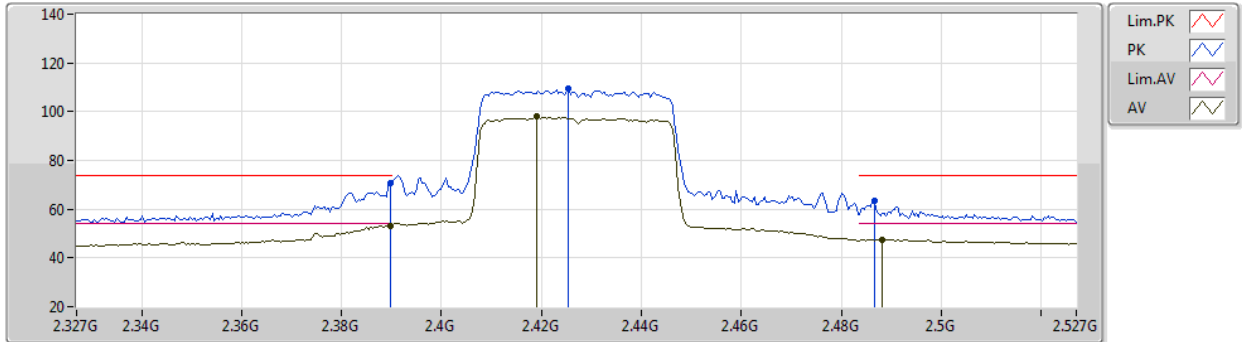
### 2422MHz\_TX



| 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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.84615G     | 30.16             | 54.00             | -23.84         | 4.33           | 3           | Horizontal | 357            | 1.15          | -       | 25.83         | 31.42      | 6.80       | 33.89      |
| AV   | 7.26437G     | 35.39             | 54.00             | -18.61         | 10.37          | 3           | Horizontal | 236            | 1.30          | -       | 25.02         | 35.89      | 8.59       | 34.11      |
| PK   | 4.84405G     | 43.20             | 74.00             | -30.80         | 4.33           | 3           | Horizontal | 357            | 1.15          | -       | 38.87         | 31.42      | 6.80       | 33.89      |
| PK   | 7.26473G     | 47.48             | 74.00             | -26.52         | 10.37          | 3           | Horizontal | 236            | 1.30          | -       | 37.11         | 35.89      | 8.59       | 34.11      |

802.11ax HEW40\_Nss2,(MCS0)\_2TX  
2427MHz\_TX

07/11/2019

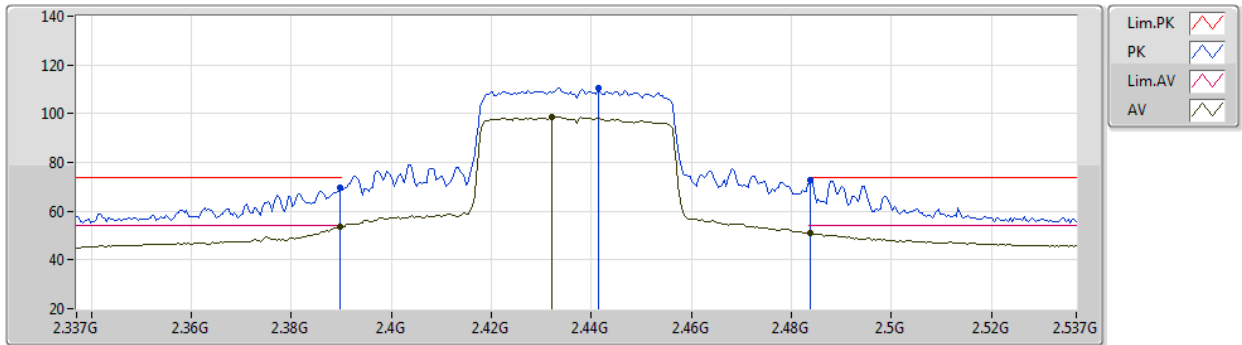


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.34             | 54.00             | -0.66          | 32.09          | 3           | Vertical  | 0              | 1.76          | -       | 21.25         | 27.37      | 4.72       | -          |
| AV   | 2.419G       | 98.17             | Inf               | -Inf           | 32.21          | 3           | Vertical  | 0              | 1.76          | -       | 65.96         | 27.46      | 4.75       | -          |
| AV   | 2.4882G      | 47.48             | 54.00             | -6.52          | 32.49          | 3           | Vertical  | 0              | 1.76          | -       | 14.99         | 27.66      | 4.83       | -          |
| PK   | 2.3898G      | 70.94             | 74.00             | -3.06          | 32.09          | 3           | Vertical  | 0              | 1.76          | -       | 38.85         | 27.37      | 4.72       | -          |
| PK   | 2.4254G      | 109.25            | Inf               | -Inf           | 32.24          | 3           | Vertical  | 0              | 1.76          | -       | 77.01         | 27.48      | 4.76       | -          |
| PK   | 2.4866G      | 63.58             | 74.00             | -10.42         | 32.49          | 3           | Vertical  | 0              | 1.76          | -       | 31.09         | 27.66      | 4.83       | -          |

# 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

## 2437MHz\_TX

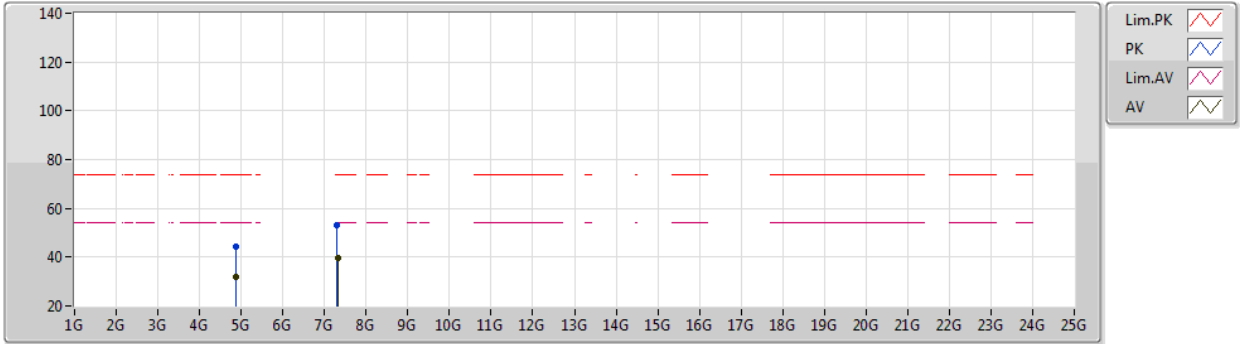


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.42             | 54.00             | -0.58          | 32.09          | 3           | Vertical  | 10             | 1.50          | -       | 21.33         | 27.37      | 4.72       | -          |
| AV   | 2.4322G      | 98.78             | Inf               | -Inf           | 32.27          | 3           | Vertical  | 10             | 1.50          | -       | 66.51         | 27.50      | 4.77       | -          |
| AV   | 2.4838G      | 51.25             | 54.00             | -2.75          | 32.48          | 3           | Vertical  | 10             | 1.50          | -       | 18.77         | 27.65      | 4.83       | -          |
| PK   | 2.3898G      | 69.60             | 74.00             | -4.40          | 32.09          | 3           | Vertical  | 10             | 1.50          | -       | 37.51         | 27.37      | 4.72       | -          |
| PK   | 2.4414G      | 110.43            | Inf               | -Inf           | 32.30          | 3           | Vertical  | 10             | 1.50          | -       | 78.13         | 27.52      | 4.78       | -          |
| PK   | 2.4838G      | 72.91             | 74.00             | -1.09          | 32.48          | 3           | Vertical  | 10             | 1.50          | -       | 40.43         | 27.65      | 4.83       | -          |

802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

2437MHz\_TX

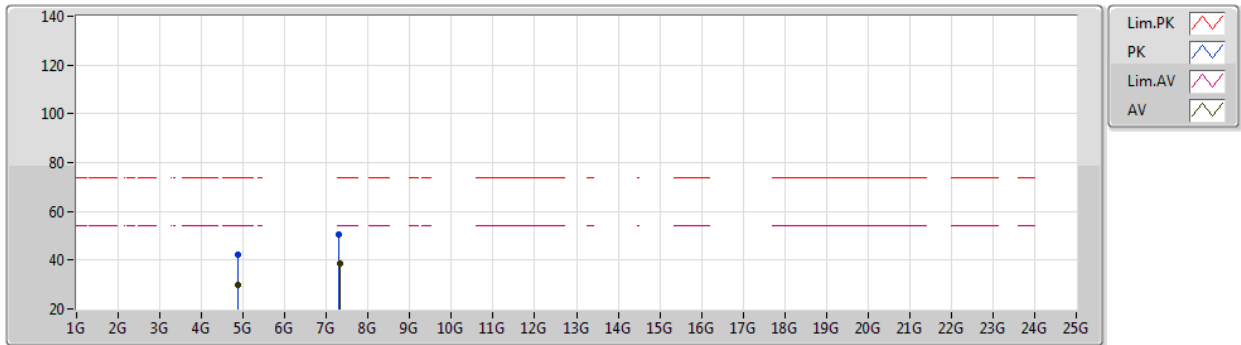


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87359G     | 32.05             | 54.00             | -21.95         | 4.41           | 3           | Vertical  | 55             | 2.49          | -       | 27.64         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31042G     | 39.54             | 54.00             | -14.46         | 10.51          | 3           | Vertical  | 330            | 1.84          | -       | 29.03         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87361G     | 44.43             | 74.00             | -29.57         | 4.41           | 3           | Vertical  | 55             | 2.49          | -       | 40.02         | 31.47      | 6.81       | 33.87      |
| PK   | 7.30927G     | 52.87             | 74.00             | -21.13         | 10.50          | 3           | Vertical  | 330            | 1.84          | -       | 42.37         | 36.00      | 8.61       | 34.11      |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

### 2437MHz\_TX

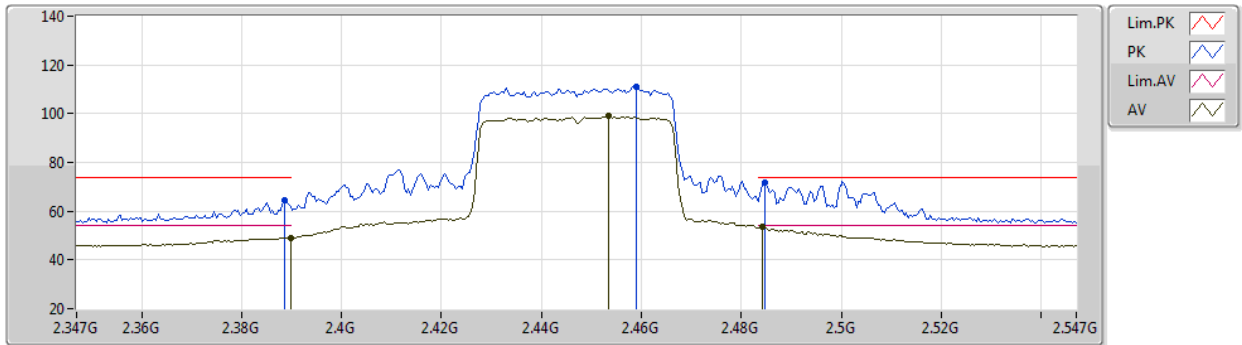


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87352G     | 30.01             | 54.00             | -23.99         | 4.41           | 3           | Horizontal | 7              | 1.71          | -       | 25.60         | 31.47      | 6.81       | 33.87      |
| AV   | 7.31207G     | 38.76             | 54.00             | -15.24         | 10.51          | 3           | Horizontal | 179            | 2.15          | -       | 28.25         | 36.01      | 8.61       | 34.11      |
| PK   | 4.87262G     | 42.36             | 74.00             | -31.64         | 4.41           | 3           | Horizontal | 7              | 1.71          | -       | 37.95         | 31.47      | 6.81       | 33.87      |
| PK   | 7.30938G     | 50.44             | 74.00             | -23.56         | 10.50          | 3           | Horizontal | 179            | 2.15          | -       | 39.94         | 36.00      | 8.61       | 34.11      |

# 802.11ax HEW40\_Nss2,(MCS0)\_2TX

07/11/2019

## 2447MHz\_TX

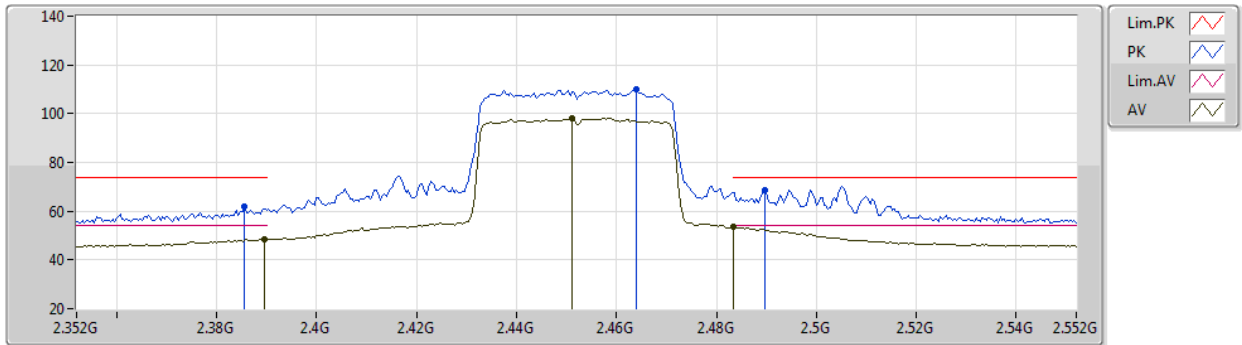


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 49.08             | 54.00             | -4.92          | 32.09          | 3           | Vertical  | 175            | 2.09          | -       | 16.99         | 27.37      | 4.72       | -          |
| AV   | 2.4534G      | 98.95             | Inf               | -Inf           | 32.35          | 3           | Vertical  | 175            | 2.09          | -       | 66.60         | 27.56      | 4.79       | -          |
| AV   | 2.4842G      | 53.41             | 54.00             | -0.59          | 32.48          | 3           | Vertical  | 175            | 2.09          | -       | 20.93         | 27.65      | 4.83       | -          |
| PK   | 2.3886G      | 64.30             | 74.00             | -9.70          | 32.09          | 3           | Vertical  | 175            | 2.09          | -       | 32.21         | 27.37      | 4.72       | -          |
| PK   | 2.459G       | 111.25            | Inf               | -Inf           | 32.38          | 3           | Vertical  | 175            | 2.09          | -       | 78.87         | 27.58      | 4.80       | -          |
| PK   | 2.4846G      | 71.48             | 74.00             | -2.52          | 32.48          | 3           | Vertical  | 175            | 2.09          | -       | 39.00         | 27.65      | 4.83       | -          |

# 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

## 2452MHz\_TX

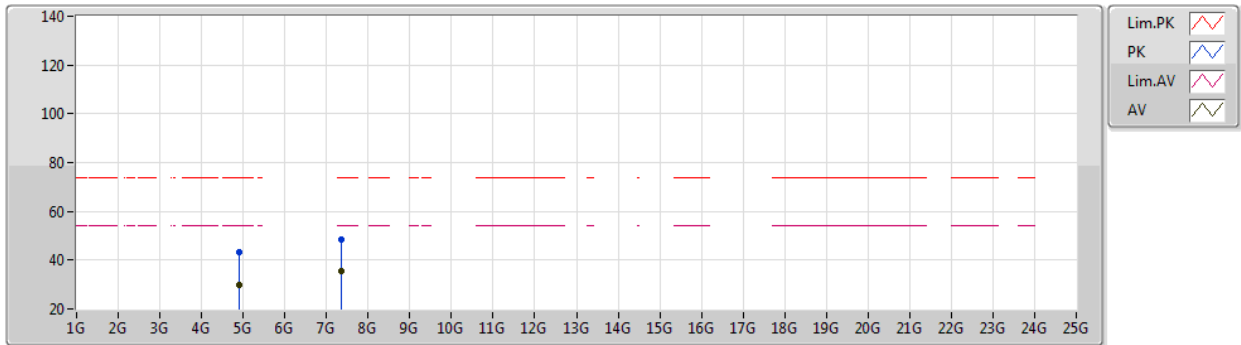


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3896G      | 48.59             | 54.00             | -5.41          | 32.09          | 3           | Vertical  | 174            | 1.66          | -       | 16.50         | 27.37      | 4.72       | -          |
| AV   | 2.4512G      | 98.02             | Inf               | -Inf           | 32.34          | 3           | Vertical  | 174            | 1.66          | -       | 65.68         | 27.55      | 4.79       | -          |
| AV   | 2.4835G      | 53.45             | 54.00             | -0.55          | 32.48          | 3           | Vertical  | 174            | 1.66          | -       | 20.97         | 27.65      | 4.83       | -          |
| PK   | 2.3856G      | 61.96             | 74.00             | -12.04         | 32.07          | 3           | Vertical  | 174            | 1.66          | -       | 29.89         | 27.36      | 4.71       | -          |
| PK   | 2.464G       | 109.86            | Inf               | -Inf           | 32.39          | 3           | Vertical  | 174            | 1.66          | -       | 77.47         | 27.59      | 4.80       | -          |
| PK   | 2.4896G      | 68.57             | 74.00             | -5.43          | 32.50          | 3           | Vertical  | 174            | 1.66          | -       | 36.07         | 27.67      | 4.83       | -          |

# 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

## 2452MHz\_TX

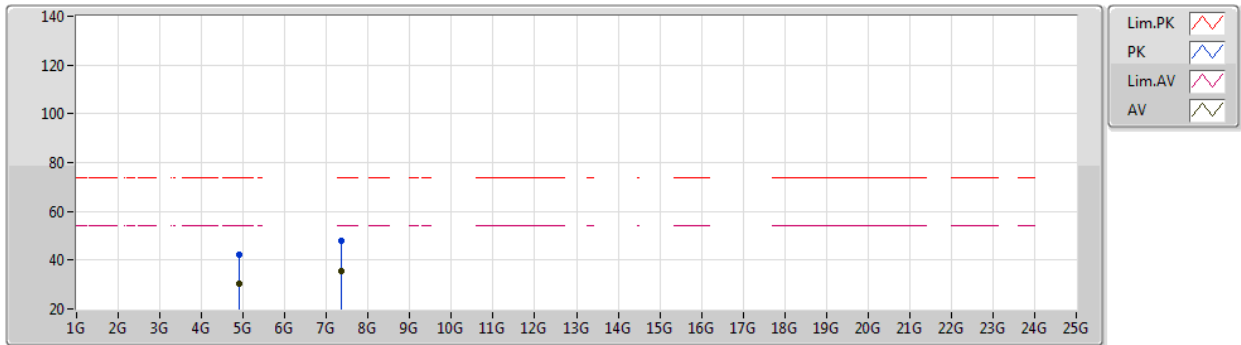


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.90341G     | 30.01             | 54.00             | -23.99         | 4.49           | 3           | Vertical  | 141            | 1.07          | -       | 25.52         | 31.53      | 6.82       | 33.86      |
| AV   | 7.35426G     | 35.59             | 54.00             | -18.41         | 10.65          | 3           | Vertical  | 295            | 1.46          | -       | 24.94         | 36.12      | 8.64       | 34.11      |
| PK   | 4.90342G     | 43.53             | 74.00             | -30.47         | 4.49           | 3           | Vertical  | 141            | 1.07          | -       | 39.04         | 31.53      | 6.82       | 33.86      |
| PK   | 7.35548G     | 48.31             | 74.00             | -25.69         | 10.65          | 3           | Vertical  | 295            | 1.46          | -       | 37.66         | 36.12      | 8.64       | 34.11      |

## 802.11ax HEW40\_Nss2,(MCS0)\_2TX

09/11/2019

### 2452MHz\_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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.9022G      | 30.13             | 54.00             | -23.87         | 4.48           | 3           | Horizontal | 295            | 1.42          | -       | 25.65         | 31.52      | 6.82       | 33.86      |
| AV   | 7.35552G     | 35.68             | 54.00             | -18.32         | 10.65          | 3           | Horizontal | 159            | 2.21          | -       | 25.03         | 36.12      | 8.64       | 34.11      |
| PK   | 4.9049G      | 42.32             | 74.00             | -31.68         | 4.49           | 3           | Horizontal | 295            | 1.42          | -       | 37.83         | 31.53      | 6.82       | 33.86      |
| PK   | 7.35776G     | 48.09             | 74.00             | -25.91         | 10.66          | 3           | Horizontal | 159            | 2.21          | -       | 37.43         | 36.13      | 8.64       | 34.11      |



**RSE TX below 1GHz\_Non-Beamforming\_Sample 2\_  
Radio 1\_Panel 1\_1T1S**

**Appendix F.9**

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ax HEW40_Nss1.(MCS0)_1TX | Pass   | PK   | 272.5M       | 42.27             | 46.00             | -3.73          | 3           | Horizontal | 360            | 1.00          | -        |



**RSE TX below 1GHz\_Non-Beamforming\_Sample 2\_  
Radio 1\_Panel 1\_1T1S**

**Appendix F.9**

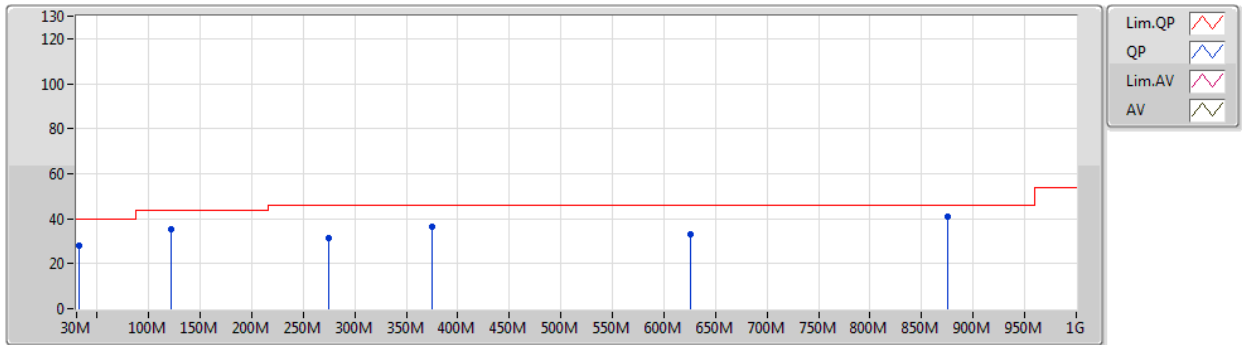
**Result**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2437MHz                        | Pass   | PK   | 31.94M       | 27.96             | 40.00             | -12.04         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 121.18M      | 35.43             | 43.50             | -8.07          | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 274.44M      | 31.39             | 46.00             | -14.61         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 375.32M      | 36.29             | 46.00             | -9.71          | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 625.58M      | 33.02             | 46.00             | -12.98         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 875.84M      | 40.94             | 46.00             | -5.06          | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 30M          | 34.61             | 40.00             | -5.39          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 99.84M       | 30.39             | 43.50             | -13.11         | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 272.5M       | 42.27             | 46.00             | -3.73          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 375.32M      | 38.74             | 46.00             | -7.26          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 707.06M      | 35.50             | 46.00             | -10.50         | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz                        | Pass   | PK   | 875.84M      | 38.72             | 46.00             | -7.28          | 3           | Horizontal | 360            | 1.00          | -        |

# 802.11ax HEW40\_Nss1,(MCS0)\_1TX

09/12/2019

## 2437MHz\_PoE

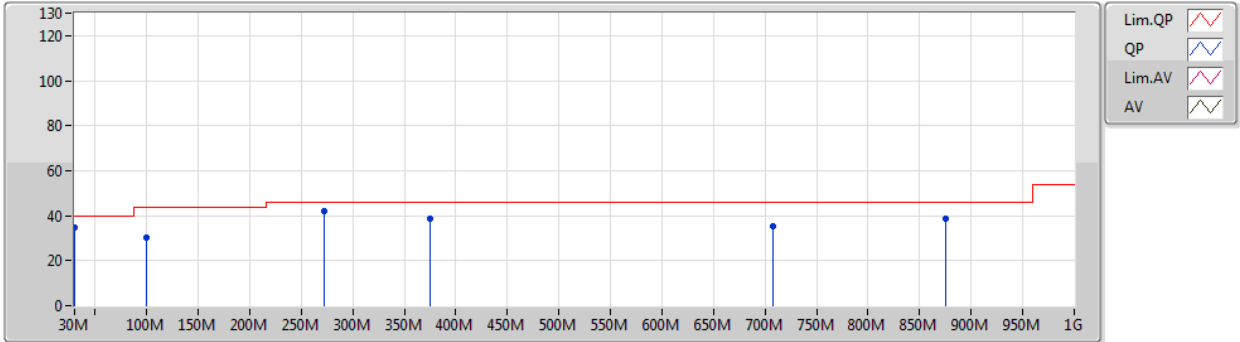


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 31.94M       | 27.96             | 40.00             | -12.04         | -6.38          | 3           | Vertical  | 0              | 1.00          | -       | 34.34         | 20.36      | 0.83       | 27.57      |
| PK   | 121.18M      | 35.43             | 43.50             | -8.07          | -8.37          | 3           | Vertical  | 0              | 1.00          | -       | 43.80         | 17.25      | 1.69       | 27.31      |
| PK   | 274.44M      | 31.39             | 46.00             | -14.61         | -6.10          | 3           | Vertical  | 0              | 1.00          | -       | 37.49         | 18.01      | 2.61       | 26.72      |
| PK   | 375.32M      | 36.29             | 46.00             | -9.71          | -4.11          | 3           | Vertical  | 0              | 1.00          | -       | 40.40         | 19.95      | 3.08       | 27.14      |
| PK   | 625.58M      | 33.02             | 46.00             | -12.98         | 0.16           | 3           | Vertical  | 0              | 1.00          | -       | 32.86         | 24.12      | 4.13       | 28.09      |
| PK   | 875.84M      | 40.94             | 46.00             | -5.06          | 2.67           | 3           | Vertical  | 0              | 1.00          | -       | 38.27         | 25.36      | 4.93       | 27.62      |

# 802.11ax HEW40\_Nss1,(MCS0)\_1TX

09/12/2019

## 2437MHz\_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 | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 30M          | 34.61             | 40.00             | -5.39          | -5.45          | 3           | Horizontal | 360            | 1.00          | -       | 40.06         | 21.32      | 0.80       | 27.57      |
| PK   | 99.84M       | 30.39             | 43.50             | -13.11         | -9.92          | 3           | Horizontal | 360            | 1.00          | -       | 40.31         | 15.94      | 1.52       | 27.38      |
| PK   | 272.5M       | 42.27             | 46.00             | -3.73          | -6.09          | 3           | Horizontal | 360            | 1.00          | -       | 48.36         | 18.03      | 2.60       | 26.72      |
| PK   | 375.32M      | 38.74             | 46.00             | -7.26          | -4.11          | 3           | Horizontal | 360            | 1.00          | -       | 42.85         | 19.95      | 3.08       | 27.14      |
| PK   | 707.06M      | 35.50             | 46.00             | -10.50         | 0.35           | 3           | Horizontal | 360            | 1.00          | -       | 35.15         | 24.01      | 4.38       | 28.04      |
| PK   | 875.84M      | 38.72             | 46.00             | -7.28          | 2.67           | 3           | Horizontal | 360            | 1.00          | -       | 36.05         | 25.36      | 4.93       | 27.62      |



**RSE TX above 1GHz\_Non-Beamforming\_Sample 2\_  
Radio 1\_Panel 1\_1T1S**

**Appendix F.10**

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11b_Nss1_(1Mbps)_1TX       | Pass   | AV   | 2.484G       | 53.89             | 54.00             | -0.11          | 3           | Horizontal | 6              | 1.42          | -        |
| 802.11g_Nss1_(6Mbps)_1TX       | Pass   | PK   | 2.3894G      | 73.67             | 74.00             | -0.33          | 3           | Horizontal | 7              | 1.50          | -        |
| 802.11ax HEW20_Nss1_(MCS0)_1TX | Pass   | PK   | 2.3896G      | 73.78             | 74.00             | -0.22          | 3           | Horizontal | 6              | 1.48          | -        |
| 802.11ax HEW40_Nss1_(MCS0)_1TX | Pass   | PK   | 2.3896G      | 73.89             | 74.00             | -0.11          | 3           | Horizontal | 5              | 1.63          | -        |

**Result**

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11b_Nss1.(1Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                  | Pass   | AV   | 2.3894G      | 45.74             | 54.00             | -8.26          | 3           | Vertical   | 218            | 1.81          | -        |
| 2412MHz                  | Pass   | AV   | 2.4128G      | 100.23            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.81          | -        |
| 2412MHz                  | Pass   | PK   | 2.3842G      | 57.50             | 74.00             | -16.50         | 3           | Vertical   | 218            | 1.81          | -        |
| 2412MHz                  | Pass   | PK   | 2.413G       | 104.38            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.81          | -        |
| 2412MHz                  | Pass   | AV   | 2.3882G      | 53.32             | 54.00             | -0.68          | 3           | Horizontal | 5              | 1.44          | -        |
| 2412MHz                  | Pass   | AV   | 2.4112G      | 111.25            | Inf               | -Inf           | 3           | Horizontal | 5              | 1.44          | -        |
| 2412MHz                  | Pass   | PK   | 2.3892G      | 63.55             | 74.00             | -10.45         | 3           | Horizontal | 5              | 1.44          | -        |
| 2412MHz                  | Pass   | PK   | 2.411G       | 115.11            | Inf               | -Inf           | 3           | Horizontal | 5              | 1.44          | -        |
| 2412MHz                  | Pass   | AV   | 3.61803G     | 49.30             | 54.00             | -4.70          | 3           | Vertical   | 313            | 1.86          | -        |
| 2412MHz                  | Pass   | AV   | 4.82401G     | 33.57             | 54.00             | -20.43         | 3           | Vertical   | 6              | 1.29          | -        |
| 2412MHz                  | Pass   | PK   | 3.61805G     | 51.66             | 74.00             | -22.34         | 3           | Vertical   | 313            | 1.86          | -        |
| 2412MHz                  | Pass   | PK   | 4.82421G     | 45.87             | 74.00             | -28.13         | 3           | Vertical   | 6              | 1.29          | -        |
| 2412MHz                  | Pass   | AV   | 3.61803G     | 48.38             | 54.00             | -5.62          | 3           | Horizontal | 229            | 1.66          | -        |
| 2412MHz                  | Pass   | AV   | 4.82404G     | 39.44             | 54.00             | -14.56         | 3           | Horizontal | 19             | 1.49          | -        |
| 2412MHz                  | Pass   | PK   | 3.61804G     | 51.17             | 74.00             | -22.83         | 3           | Horizontal | 229            | 1.66          | -        |
| 2412MHz                  | Pass   | PK   | 4.82408G     | 46.80             | 74.00             | -27.20         | 3           | Horizontal | 19             | 1.49          | -        |
| 2417MHz                  | Pass   | AV   | 2.3748G      | 46.90             | 54.00             | -7.10          | 3           | Vertical   | 214            | 1.81          | -        |
| 2417MHz                  | Pass   | AV   | 2.4164G      | 100.98            | Inf               | -Inf           | 3           | Vertical   | 214            | 1.81          | -        |
| 2417MHz                  | Pass   | PK   | 2.3748G      | 58.09             | 74.00             | -15.91         | 3           | Vertical   | 214            | 1.81          | -        |
| 2417MHz                  | Pass   | PK   | 2.4162G      | 105.00            | Inf               | -Inf           | 3           | Vertical   | 214            | 1.81          | -        |
| 2417MHz                  | Pass   | AV   | 2.3858G      | 53.13             | 54.00             | -0.87          | 3           | Horizontal | 166            | 1.96          | -        |
| 2417MHz                  | Pass   | AV   | 2.4162G      | 112.61            | Inf               | -Inf           | 3           | Horizontal | 166            | 1.96          | -        |
| 2417MHz                  | Pass   | PK   | 2.3862G      | 63.74             | 74.00             | -10.26         | 3           | Horizontal | 166            | 1.96          | -        |
| 2417MHz                  | Pass   | PK   | 2.418G       | 116.33            | Inf               | -Inf           | 3           | Horizontal | 166            | 1.96          | -        |
| 2437MHz                  | Pass   | AV   | 2.3886G      | 45.10             | 54.00             | -8.90          | 3           | Vertical   | 227            | 1.59          | -        |
| 2437MHz                  | Pass   | AV   | 2.4378G      | 103.43            | Inf               | -Inf           | 3           | Vertical   | 227            | 1.59          | -        |
| 2437MHz                  | Pass   | AV   | 2.489G       | 45.43             | 54.00             | -8.57          | 3           | Vertical   | 227            | 1.59          | -        |
| 2437MHz                  | Pass   | PK   | 2.3894G      | 55.94             | 74.00             | -18.06         | 3           | Vertical   | 227            | 1.59          | -        |
| 2437MHz                  | Pass   | PK   | 2.4378G      | 107.28            | Inf               | -Inf           | 3           | Vertical   | 227            | 1.59          | -        |
| 2437MHz                  | Pass   | PK   | 2.491G       | 56.99             | 74.00             | -17.01         | 3           | Vertical   | 227            | 1.59          | -        |
| 2437MHz                  | Pass   | AV   | 2.3882G      | 53.16             | 54.00             | -0.84          | 3           | Horizontal | 24             | 1.29          | -        |
| 2437MHz                  | Pass   | AV   | 2.4362G      | 115.35            | Inf               | -Inf           | 3           | Horizontal | 24             | 1.29          | -        |
| 2437MHz                  | Pass   | AV   | 2.485G       | 51.45             | 54.00             | -2.55          | 3           | Horizontal | 24             | 1.29          | -        |
| 2437MHz                  | Pass   | PK   | 2.3886G      | 63.21             | 74.00             | -10.79         | 3           | Horizontal | 24             | 1.29          | -        |
| 2437MHz                  | Pass   | PK   | 2.4378G      | 119.06            | Inf               | -Inf           | 3           | Horizontal | 24             | 1.29          | -        |
| 2437MHz                  | Pass   | PK   | 2.485G       | 62.74             | 74.00             | -11.26         | 3           | Horizontal | 24             | 1.29          | -        |
| 2437MHz                  | Pass   | AV   | 3.65552G     | 49.57             | 54.00             | -4.43          | 3           | Vertical   | 310            | 1.96          | -        |
| 2437MHz                  | Pass   | AV   | 4.87412G     | 34.48             | 54.00             | -19.52         | 3           | Vertical   | 7              | 1.49          | -        |
| 2437MHz                  | Pass   | AV   | 7.31232G     | 49.31             | 54.00             | -4.69          | 3           | Vertical   | 17             | 2.95          | -        |
| 2437MHz                  | Pass   | PK   | 3.65547G     | 51.70             | 74.00             | -22.30         | 3           | Vertical   | 310            | 1.96          | -        |
| 2437MHz                  | Pass   | PK   | 4.87424G     | 44.26             | 74.00             | -29.74         | 3           | Vertical   | 7              | 1.49          | -        |
| 2437MHz                  | Pass   | PK   | 7.31202G     | 56.13             | 74.00             | -17.87         | 3           | Vertical   | 17             | 2.95          | -        |
| 2437MHz                  | Pass   | AV   | 3.65551G     | 48.34             | 54.00             | -5.66          | 3           | Horizontal | 244            | 1.88          | -        |
| 2437MHz                  | Pass   | AV   | 4.87422G     | 42.57             | 54.00             | -11.43         | 3           | Horizontal | 359            | 1.49          | -        |
| 2437MHz                  | Pass   | AV   | 7.31184G     | 53.38             | 54.00             | -0.62          | 3           | Horizontal | 187            | 1.41          | -        |
| 2437MHz                  | Pass   | PK   | 3.65552G     | 51.02             | 74.00             | -22.98         | 3           | Horizontal | 244            | 1.88          | -        |
| 2437MHz                  | Pass   | PK   | 4.87412G     | 49.60             | 74.00             | -24.40         | 3           | Horizontal | 359            | 1.49          | -        |



**RSE TX above 1GHz\_Non-Beamforming\_Sample 2\_  
Radio 1\_Panel 1\_1T1S**

**Appendix F.10**

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2437MHz                  | Pass   | PK   | 7.31196G     | 59.07             | 74.00             | -14.93         | 3           | Horizontal | 187            | 1.41          | -        |
| 2457MHz                  | Pass   | AV   | 2.4562G      | 102.40            | Inf               | -Inf           | 3           | Vertical   | 226            | 1.67          | -        |
| 2457MHz                  | Pass   | AV   | 2.484G       | 46.22             | 54.00             | -7.78          | 3           | Vertical   | 226            | 1.67          | -        |
| 2457MHz                  | Pass   | PK   | 2.458G       | 106.23            | Inf               | -Inf           | 3           | Vertical   | 226            | 1.67          | -        |
| 2457MHz                  | Pass   | PK   | 2.488G       | 57.63             | 74.00             | -16.37         | 3           | Vertical   | 226            | 1.67          | -        |
| 2457MHz                  | Pass   | AV   | 2.4562G      | 112.99            | Inf               | -Inf           | 3           | Horizontal | 6              | 1.42          | -        |
| 2457MHz                  | Pass   | AV   | 2.484G       | 53.89             | 54.00             | -0.11          | 3           | Horizontal | 6              | 1.42          | -        |
| 2457MHz                  | Pass   | PK   | 2.456G       | 116.97            | Inf               | -Inf           | 3           | Horizontal | 6              | 1.42          | -        |
| 2457MHz                  | Pass   | PK   | 2.4838G      | 64.96             | 74.00             | -9.04          | 3           | Horizontal | 6              | 1.42          | -        |
| 2462MHz                  | Pass   | AV   | 2.4628G      | 101.88            | Inf               | -Inf           | 3           | Vertical   | 222            | 1.68          | -        |
| 2462MHz                  | Pass   | AV   | 2.4968G      | 46.43             | 54.00             | -7.57          | 3           | Vertical   | 222            | 1.68          | -        |
| 2462MHz                  | Pass   | PK   | 2.463G       | 105.90            | Inf               | -Inf           | 3           | Vertical   | 222            | 1.68          | -        |
| 2462MHz                  | Pass   | PK   | 2.4966G      | 58.25             | 74.00             | -15.75         | 3           | Vertical   | 222            | 1.68          | -        |
| 2462MHz                  | Pass   | AV   | 2.4612G      | 111.76            | Inf               | -Inf           | 3           | Horizontal | 4              | 1.45          | -        |
| 2462MHz                  | Pass   | AV   | 2.4846G      | 53.60             | 54.00             | -0.40          | 3           | Horizontal | 4              | 1.45          | -        |
| 2462MHz                  | Pass   | PK   | 2.461G       | 115.80            | Inf               | -Inf           | 3           | Horizontal | 4              | 1.45          | -        |
| 2462MHz                  | Pass   | PK   | 2.4848G      | 64.16             | 74.00             | -9.84          | 3           | Horizontal | 4              | 1.45          | -        |
| 2462MHz                  | Pass   | AV   | 4.92412G     | 34.25             | 54.00             | -19.75         | 3           | Vertical   | 10             | 1.46          | -        |
| 2462MHz                  | Pass   | AV   | 7.38684G     | 49.58             | 54.00             | -4.42          | 3           | Vertical   | 21             | 1.00          | -        |
| 2462MHz                  | Pass   | PK   | 4.92418G     | 44.50             | 74.00             | -29.50         | 3           | Vertical   | 10             | 1.46          | -        |
| 2462MHz                  | Pass   | PK   | 7.3851G      | 56.39             | 74.00             | -17.61         | 3           | Vertical   | 21             | 1.00          | -        |
| 2462MHz                  | Pass   | AV   | 4.924G       | 44.40             | 54.00             | -9.60          | 3           | Horizontal | 360            | 1.49          | -        |
| 2462MHz                  | Pass   | AV   | 7.3868G      | 52.70             | 54.00             | -1.30          | 3           | Horizontal | 199            | 1.48          | -        |
| 2462MHz                  | Pass   | PK   | 4.92412G     | 49.37             | 74.00             | -24.63         | 3           | Horizontal | 360            | 1.49          | -        |
| 2462MHz                  | Pass   | PK   | 7.385G       | 58.40             | 74.00             | -15.60         | 3           | Horizontal | 199            | 1.48          | -        |
| 802.11g_Nss1,(6Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2412MHz                  | Pass   | AV   | 2.3752G      | 45.48             | 54.00             | -8.52          | 3           | Vertical   | 218            | 1.83          | -        |
| 2412MHz                  | Pass   | AV   | 2.416G       | 90.69             | Inf               | -Inf           | 3           | Vertical   | 218            | 1.83          | -        |
| 2412MHz                  | Pass   | PK   | 2.3898G      | 62.22             | 74.00             | -11.78         | 3           | Vertical   | 218            | 1.83          | -        |
| 2412MHz                  | Pass   | PK   | 2.4136G      | 100.96            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.83          | -        |
| 2412MHz                  | Pass   | AV   | 2.3896G      | 49.46             | 54.00             | -4.54          | 3           | Horizontal | 7              | 1.50          | -        |
| 2412MHz                  | Pass   | AV   | 2.4072G      | 101.54            | Inf               | -Inf           | 3           | Horizontal | 7              | 1.50          | -        |
| 2412MHz                  | Pass   | PK   | 2.3894G      | 73.67             | 74.00             | -0.33          | 3           | Horizontal | 7              | 1.50          | -        |
| 2412MHz                  | Pass   | PK   | 2.4054G      | 111.45            | Inf               | -Inf           | 3           | Horizontal | 7              | 1.50          | -        |
| 2412MHz                  | Pass   | AV   | 3.61802G     | 49.38             | 54.00             | -4.62          | 3           | Vertical   | 313            | 1.86          | -        |
| 2412MHz                  | Pass   | AV   | 4.8282G      | 30.04             | 54.00             | -23.96         | 3           | Vertical   | 104            | 1.49          | -        |
| 2412MHz                  | Pass   | PK   | 3.61802G     | 51.53             | 74.00             | -22.47         | 3           | Vertical   | 313            | 1.86          | -        |
| 2412MHz                  | Pass   | PK   | 4.82844G     | 43.22             | 74.00             | -30.78         | 3           | Vertical   | 104            | 1.49          | -        |
| 2412MHz                  | Pass   | AV   | 3.61803G     | 47.88             | 54.00             | -6.12          | 3           | Horizontal | 227            | 1.50          | -        |
| 2412MHz                  | Pass   | AV   | 4.82628G     | 30.30             | 54.00             | -23.70         | 3           | Horizontal | 338            | 1.49          | -        |
| 2412MHz                  | Pass   | PK   | 3.61805G     | 50.38             | 74.00             | -23.62         | 3           | Horizontal | 227            | 1.50          | -        |
| 2412MHz                  | Pass   | PK   | 4.82784G     | 43.44             | 74.00             | -30.56         | 3           | Horizontal | 338            | 1.49          | -        |
| 2417MHz                  | Pass   | AV   | 2.375G       | 46.66             | 54.00             | -7.34          | 3           | Vertical   | 218            | 1.83          | -        |
| 2417MHz                  | Pass   | AV   | 2.4124G      | 92.64             | Inf               | -Inf           | 3           | Vertical   | 218            | 1.83          | -        |
| 2417MHz                  | Pass   | PK   | 2.3868G      | 64.08             | 74.00             | -9.92          | 3           | Vertical   | 218            | 1.83          | -        |
| 2417MHz                  | Pass   | PK   | 2.4186G      | 102.46            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.83          | -        |
| 2417MHz                  | Pass   | AV   | 2.3898G      | 53.21             | 54.00             | -0.79          | 3           | Horizontal | 21             | 1.09          | -        |
| 2417MHz                  | Pass   | AV   | 2.4188G      | 103.49            | Inf               | -Inf           | 3           | Horizontal | 21             | 1.09          | -        |
| 2417MHz                  | Pass   | PK   | 2.3898G      | 73.44             | 74.00             | -0.56          | 3           | Horizontal | 21             | 1.09          | -        |