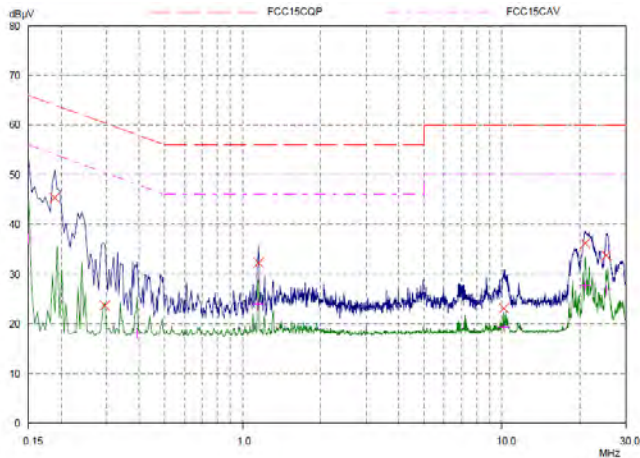




## 802.11n (HT40) , Channel No.: 46, N Line

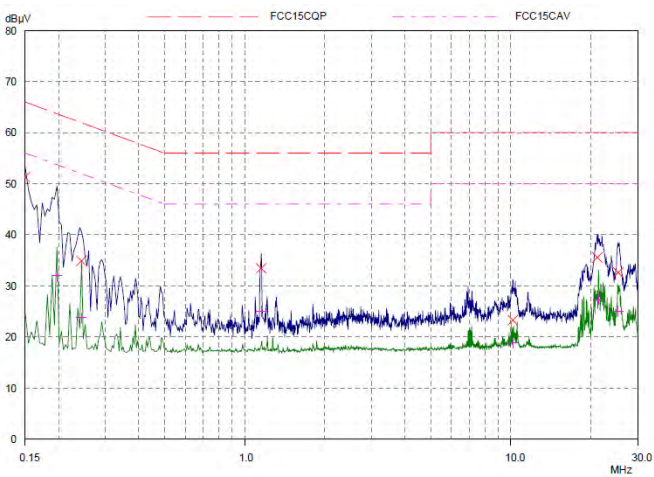


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18906       | 45.39         | 64.08         | 18.69       | N       | gnd  |
| 0.29453       | 23.72         | 60.40         | 36.68       | N       | gnd  |
| 1.1539        | 32.32         | 56.00         | 23.68       | N       | gnd  |
| 10.1539       | 23.14         | 60.00         | 36.86       | N       | gnd  |
| 20.92343      | 36.20         | 60.00         | 23.80       | N       | gnd  |
| 25.22421      | 33.78         | 60.00         | 26.22       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 37.18         | 56.00         | 18.82       | N       | gnd  |
| 0.39218       | 18.17         | 48.02         | 29.85       | N       | gnd  |
| 1.15          | 23.98         | 46.00         | 22.02       | N       | gnd  |
| 10.1539       | 19.34         | 50.00         | 30.66       | N       | gnd  |
| 20.98203      | 27.68         | 50.00         | 22.32       | N       | gnd  |
| 25.22421      | 26.94         | 50.00         | 23.06       | N       | gnd  |

## 802.11n (HT40) , Channel No.: 54, L Line

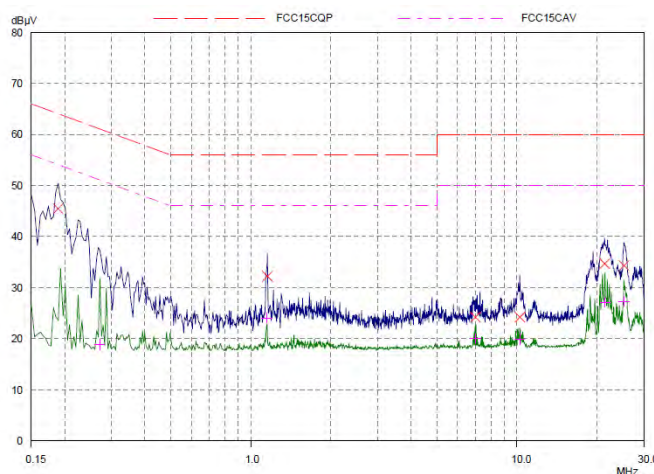


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 51.30         | 66.00         | 14.70       | L1      | gnd  |
| 0.24375       | 34.90         | 61.97         | 27.07       | L1      | gnd  |
| 1.1539        | 33.44         | 56.00         | 22.56       | L1      | gnd  |
| 10.15781      | 23.30         | 60.00         | 36.70       | L1      | gnd  |
| 21.15781      | 35.60         | 60.00         | 24.40       | L1      | gnd  |
| 25.30625      | 32.61         | 60.00         | 27.39       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19687       | 32.09         | 53.74         | 21.65       | L1      | gnd  |
| 0.24375       | 23.81         | 51.97         | 28.16       | L1      | gnd  |
| 1.1539        | 25.07         | 46.00         | 20.93       | L1      | gnd  |
| 10.15781      | 18.82         | 50.00         | 31.18       | L1      | gnd  |
| 21.3414       | 27.34         | 50.00         | 22.66       | L1      | gnd  |
| 25.30625      | 25.07         | 50.00         | 24.93       | L1      | gnd  |

## 802.11n (HT40) , Channel No.: 54, N Line



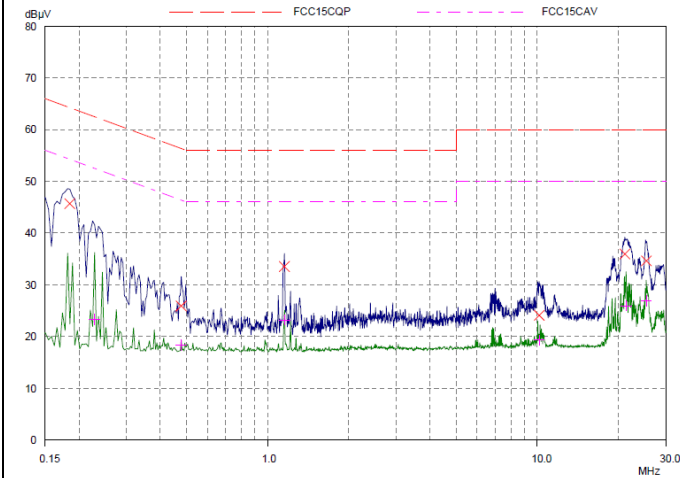
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18906       | 45.47         | 64.08         | 18.61       | N       | gnd  |
| 1.1539        | 32.22         | 56.00         | 23.78       | N       | gnd  |
| 6.9664        | 24.24         | 60.00         | 35.76       | N       | gnd  |
| 10.25156      | 24.24         | 60.00         | 35.76       | N       | gnd  |
| 21.3375       | 34.70         | 60.00         | 25.30       | N       | gnd  |
| 25.22421      | 34.32         | 60.00         | 25.68       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.27109       | 18.90         | 51.08         | 32.18       | N       | gnd  |
| 1.15          | 24.07         | 46.00         | 21.93       | N       | gnd  |
| 6.9664        | 19.96         | 50.00         | 30.04       | N       | gnd  |
| 10.25156      | 19.90         | 50.00         | 30.10       | N       | gnd  |
| 21.4          | 27.15         | 50.00         | 22.85       | N       | gnd  |
| 25.22421      | 27.34         | 50.00         | 22.66       | N       | gnd  |



## 802.11n (HT40) , Channel No.: 62, L Line

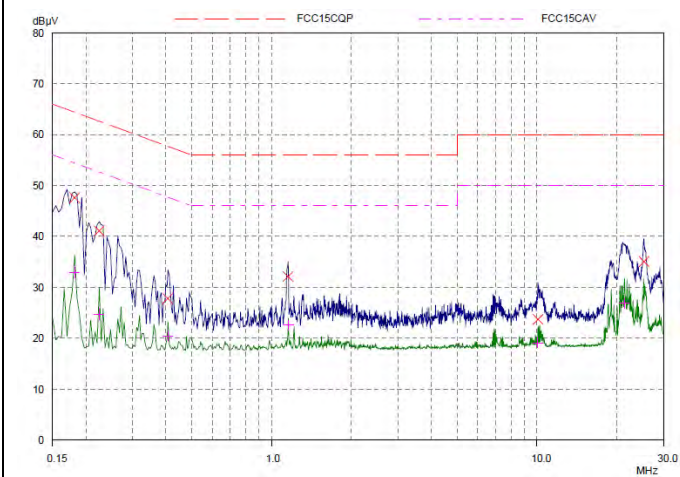


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18515       | 45.67         | 64.25         | 18.58       | L1      | gnd  |
| 0.47812       | 25.89         | 56.37         | 30.48       | L1      | gnd  |
| 1.1539        | 33.54         | 56.00         | 22.46       | L1      | gnd  |
| 10.16171      | 24.08         | 60.00         | 35.92       | L1      | gnd  |
| 21.10312      | 35.96         | 60.00         | 24.04       | L1      | gnd  |
| 25.36875      | 34.63         | 60.00         | 25.37       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22812       | 23.34         | 52.52         | 29.18       | L1      | gnd  |
| 0.47812       | 18.32         | 46.37         | 28.05       | L1      | gnd  |
| 1.15781       | 23.21         | 46.00         | 22.79       | L1      | gnd  |
| 10.16171      | 19.34         | 50.00         | 30.66       | L1      | gnd  |
| 21.3375       | 25.93         | 50.00         | 24.07       | L1      | gnd  |
| 25.36875      | 26.89         | 50.00         | 23.11       | L1      | gnd  |

## 802.11n (HT40) , Channel No.: 62, N Line

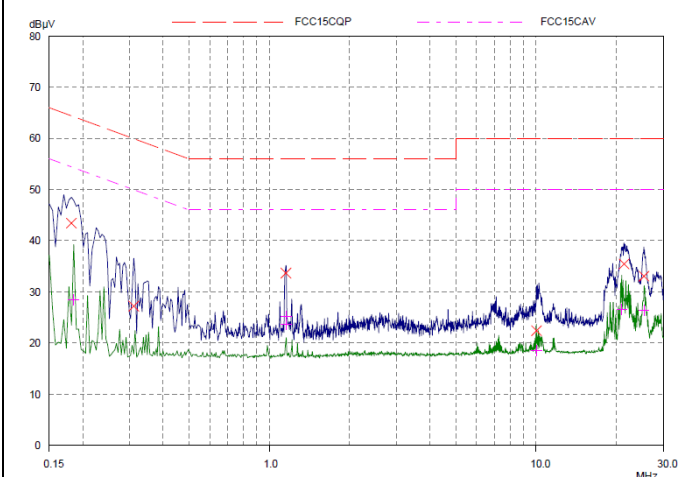


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18125       | 47.60         | 64.43         | 16.83       | N       | gnd  |
| 0.22421       | 41.11         | 62.66         | 21.55       | N       | gnd  |
| 0.40781       | 27.82         | 57.69         | 29.87       | N       | gnd  |
| 1.1539        | 32.12         | 56.00         | 23.88       | N       | gnd  |
| 10.09531      | 23.70         | 60.00         | 36.30       | N       | gnd  |
| 25.31015      | 35.05         | 60.00         | 24.95       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18125       | 32.87         | 54.43         | 21.56       | N       | gnd  |
| 0.22421       | 24.63         | 52.66         | 28.03       | N       | gnd  |
| 0.40781       | 20.44         | 47.69         | 27.25       | N       | gnd  |
| 1.15781       | 22.60         | 46.00         | 23.40       | N       | gnd  |
| 10.09531      | 19.12         | 50.00         | 30.88       | N       | gnd  |
| 21.3414       | 26.83         | 50.00         | 23.17       | N       | gnd  |

## 802.11n (HT40) , Channel No.: 102, L Line



## Final Measurement Results

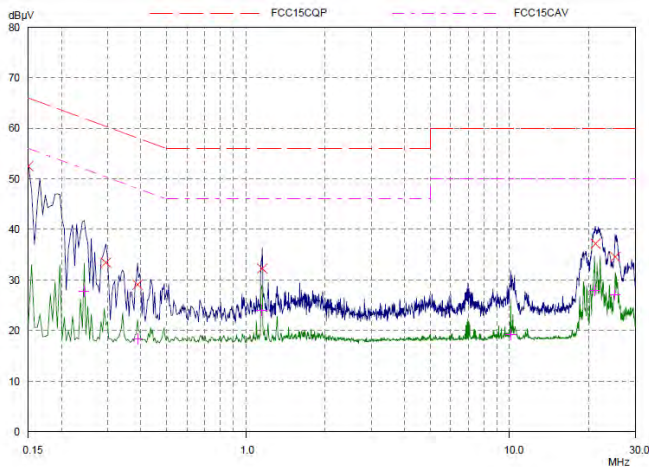
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18125       | 43.44         | 64.43         | 20.99       | L1      | gnd  |
| 0.31015       | 27.20         | 59.97         | 32.77       | L1      | gnd  |
| 1.1539        | 33.66         | 56.00         | 22.34       | L1      | gnd  |
| 10.03671      | 22.38         | 60.00         | 37.62       | L1      | gnd  |
| 21.3414       | 35.44         | 60.00         | 24.56       | L1      | gnd  |
| 25.4039       | 33.04         | 60.00         | 26.96       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18515       | 28.43         | 54.25         | 25.82       | L1      | gnd  |
| 1.1539        | 25.22         | 46.00         | 20.78       | L1      | gnd  |
| 1.15781       | 23.65         | 46.00         | 22.35       | L1      | gnd  |
| 10.03671      | 18.51         | 50.00         | 31.49       | L1      | gnd  |
| 20.98203      | 26.53         | 50.00         | 23.47       | L1      | gnd  |
| 25.4039       | 26.40         | 50.00         | 23.60       | L1      | gnd  |





## 802.11n (HT40) , Channel No.: 102, N Line

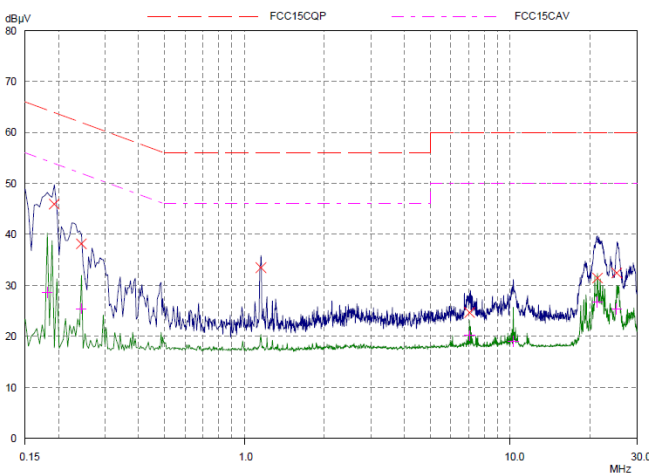


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 52.50            | 66.00            | 13.50          | N          | gnd     |
| 0.29453          | 33.42            | 60.40            | 26.98          | N          | gnd     |
| 0.38828          | 29.08            | 58.10            | 29.02          | N          | gnd     |
| 1.1539           | 32.26            | 56.00            | 23.74          | N          | gnd     |
| 21.16171         | 37.18            | 60.00            | 22.82          | N          | gnd     |
| 25.19296         | 34.56            | 60.00            | 25.44          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.24375          | 27.72            | 51.97            | 24.25          | N          | gnd     |
| 0.38828          | 18.33            | 48.10            | 29.77          | N          | gnd     |
| 1.15             | 23.98            | 46.00            | 22.02          | N          | gnd     |
| 10.09921         | 19.20            | 50.00            | 30.80          | N          | gnd     |
| 20.98593         | 27.91            | 50.00            | 22.09          | N          | gnd     |
| 25.19296         | 27.01            | 50.00            | 22.99          | N          | gnd     |

## 802.11n (HT40) , Channel No.: 118, L Line

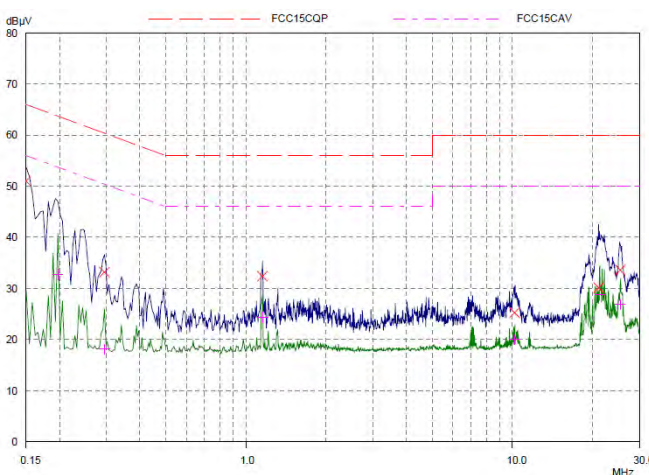


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.19296          | 45.95            | 63.91            | 17.96          | L1         | gnd     |
| 0.24375          | 38.14            | 61.97            | 23.83          | L1         | gnd     |
| 1.1539           | 33.48            | 56.00            | 22.52          | L1         | gnd     |
| 7.025            | 24.68            | 60.00            | 35.32          | L1         | gnd     |
| 21.31406         | 31.44            | 60.00            | 28.56          | L1         | gnd     |
| 25.16562         | 32.45            | 60.00            | 27.55          | L1         | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.18125          | 28.64            | 54.43            | 25.79          | L1         | gnd     |
| 0.24375          | 25.44            | 51.97            | 26.53          | L1         | gnd     |
| 7.025            | 20.16            | 50.00            | 29.84          | L1         | gnd     |
| 10.275           | 19.05            | 50.00            | 30.95          | L1         | gnd     |
| 21.28281         | 26.76            | 50.00            | 23.24          | L1         | gnd     |
| 25.16562         | 25.38            | 50.00            | 24.62          | L1         | gnd     |

## 802.11n (HT40) , Channel No.: 118, N Line



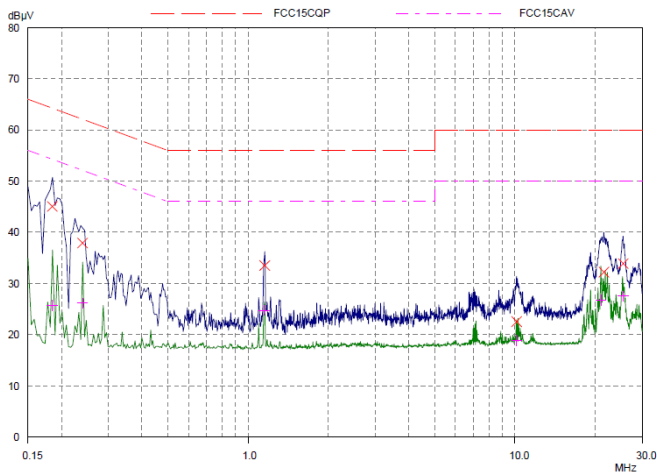
## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 51.02            | 66.00            | 14.98          | N          | gnd     |
| 0.29453          | 33.22            | 60.40            | 27.18          | N          | gnd     |
| 1.1539           | 32.36            | 56.00            | 23.64          | N          | gnd     |
| 10.19296         | 25.26            | 60.00            | 34.74          | N          | gnd     |
| 21.06015         | 30.16            | 60.00            | 29.84          | N          | gnd     |
| 25.3375          | 33.61            | 60.00            | 26.39          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.19687          | 32.73            | 53.74            | 21.01          | N          | gnd     |
| 0.29453          | 18.11            | 50.40            | 32.29          | N          | gnd     |
| 1.1539           | 24.31            | 46.00            | 21.69          | N          | gnd     |
| 10.19296         | 20.04            | 50.00            | 29.96          | N          | gnd     |
| 21.2789          | 28.71            | 50.00            | 21.29          | N          | gnd     |
| 25.3375          | 26.82            | 50.00            | 23.18          | N          | gnd     |



## 802.11n (HT40) , Channel No.: 134, L Line

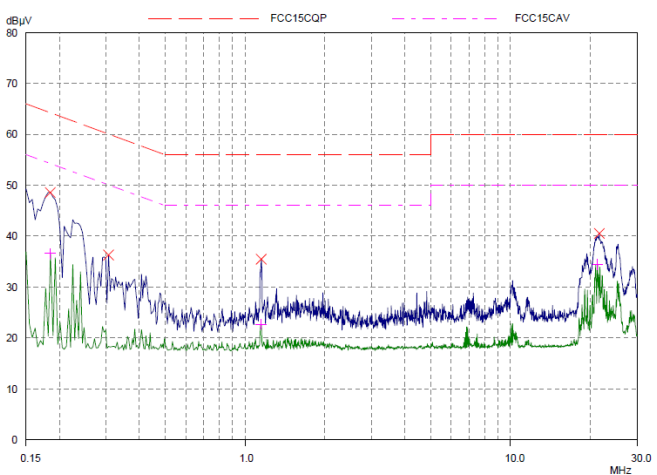


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18515       | 45.05         | 64.25         | 19.20       | L1      | gnd  |
| 0.23984       | 37.92         | 62.10         | 24.18       | L1      | gnd  |
| 1.1539        | 33.52         | 56.00         | 22.48       | L1      | gnd  |
| 10.15         | 22.56         | 60.00         | 37.44       | L1      | gnd  |
| 21.55234      | 32.22         | 60.00         | 27.78       | L1      | gnd  |
| 25.45859      | 33.88         | 60.00         | 26.12       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18515       | 25.75         | 54.25         | 28.50       | L1      | gnd  |
| 0.23984       | 26.18         | 52.10         | 25.92       | L1      | gnd  |
| 1.15          | 24.70         | 46.00         | 21.30       | L1      | gnd  |
| 10.15         | 18.90         | 50.00         | 31.10       | L1      | gnd  |
| 20.98593      | 26.74         | 50.00         | 23.26       | L1      | gnd  |
| 25.45859      | 27.49         | 50.00         | 22.51       | L1      | gnd  |

## 802.11n (HT40) , Channel No.: 134, N Line

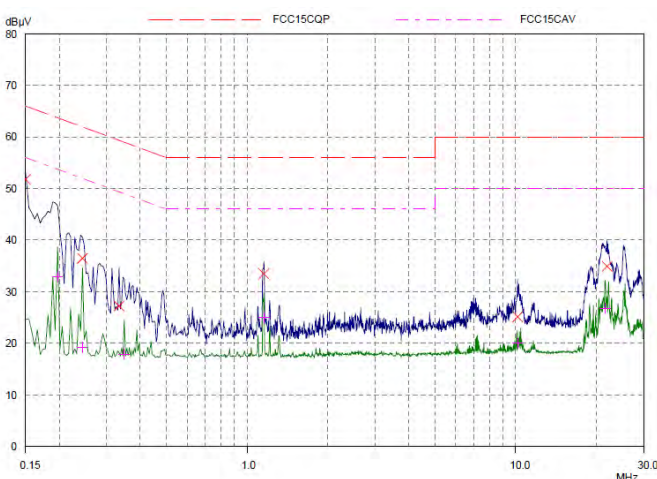


## Peak Search Results

| Frequency MHz | PK Level dBμV | PK Limit dBμV | PK Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18515       | 48.57         | 64.25         | 15.68       | N       | gnd  |
| 0.30625       | 36.30         | 60.07         | 23.77       | N       | gnd  |
| 1.15          | 35.48         | 56.00         | 20.52       | N       | gnd  |
| 21.57968      | 40.55         | 60.00         | 19.45       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18515       | 36.59         | 54.25         | 17.66       | N       | gnd  |
| 1.15          | 22.70         | 46.00         | 23.30       | N       | gnd  |
| 21.2789       | 34.48         | 50.00         | 15.52       | N       | gnd  |

## 802.11n (HT40) , Channel No.: 151, L Line



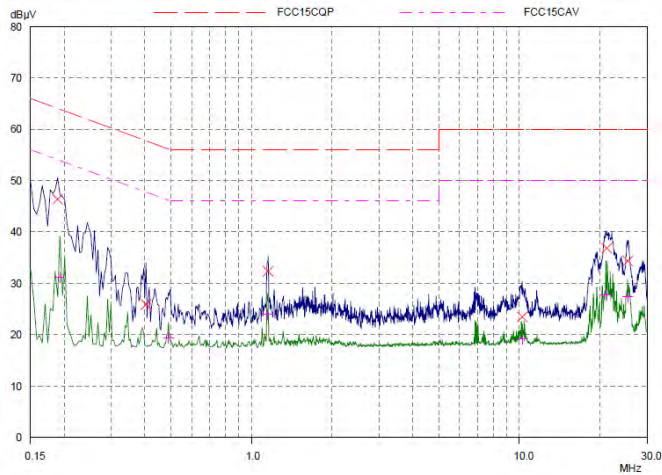
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 51.76         | 66.00         | 14.24       | L1      | gnd  |
| 0.24375       | 36.44         | 61.97         | 25.53       | L1      | gnd  |
| 0.33359       | 27.25         | 59.36         | 32.11       | L1      | gnd  |
| 1.1539        | 33.48         | 56.00         | 22.52       | L1      | gnd  |
| 10.16562      | 25.12         | 60.00         | 34.88       | L1      | gnd  |
| 21.93125      | 34.89         | 60.00         | 25.11       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19687       | 32.85         | 53.74         | 20.89       | L1      | gnd  |
| 0.24375       | 19.20         | 51.97         | 32.77       | L1      | gnd  |
| 0.34921       | 17.93         | 48.98         | 31.05       | L1      | gnd  |
| 1.1539        | 24.92         | 46.00         | 21.08       | L1      | gnd  |
| 10.16562      | 19.97         | 50.00         | 30.03       | L1      | gnd  |
| 21.51718      | 26.78         | 50.00         | 23.22       | L1      | gnd  |



## 802.11n (HT40) , Channel No.: 151, N Line

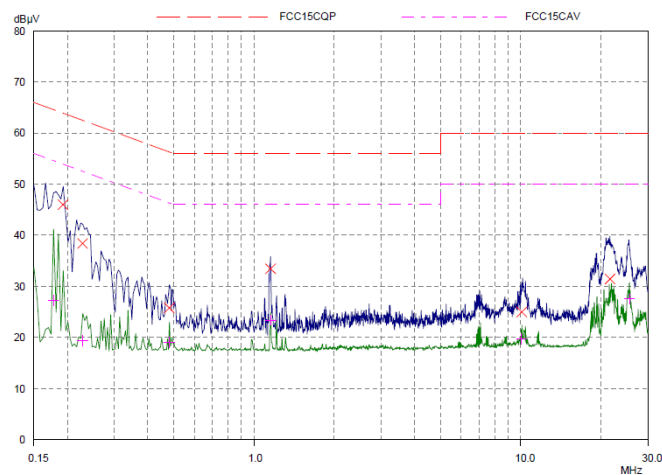


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18906       | 46.35         | 64.08         | 17.73       | N       | gnd  |
| 0.4039        | 25.88         | 57.77         | 31.89       | N       | gnd  |
| 1.1539        | 32.34         | 56.00         | 23.66       | N       | gnd  |
| 10.25937      | 23.46         | 60.00         | 36.54       | N       | gnd  |
| 21.16171      | 36.82         | 60.00         | 23.18       | N       | gnd  |
| 25.4          | 34.30         | 60.00         | 25.70       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19296       | 31.20         | 53.91         | 22.71       | N       | gnd  |
| 0.48984       | 19.36         | 46.17         | 26.81       | N       | gnd  |
| 1.15          | 23.98         | 46.00         | 22.02       | N       | gnd  |
| 10.25937      | 19.20         | 50.00         | 30.80       | N       | gnd  |
| 21.04453      | 27.80         | 50.00         | 22.20       | N       | gnd  |
| 25.4          | 27.36         | 50.00         | 22.64       | N       | gnd  |

## 802.11n (HT40) , Channel No.: 159, L Line

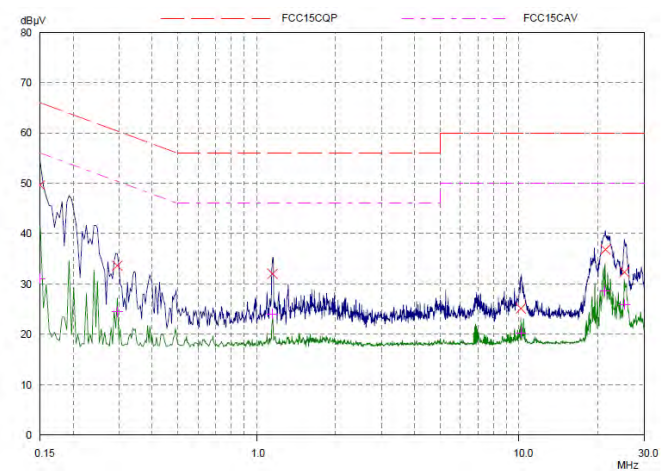


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19296       | 46.01         | 63.91         | 17.90       | L1      | gnd  |
| 0.22812       | 38.41         | 62.52         | 24.11       | L1      | gnd  |
| 0.48203       | 25.81         | 56.30         | 30.49       | L1      | gnd  |
| 1.1539        | 33.44         | 56.00         | 22.56       | L1      | gnd  |
| 10.07578      | 24.98         | 60.00         | 35.02       | L1      | gnd  |
| 21.61093      | 31.42         | 60.00         | 28.58       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.17734       | 27.20         | 54.61         | 27.41       | L1      | gnd  |
| 0.22812       | 19.43         | 52.52         | 33.09       | L1      | gnd  |
| 0.48203       | 19.01         | 46.30         | 27.29       | L1      | gnd  |
| 1.15781       | 23.39         | 46.00         | 22.61       | L1      | gnd  |
| 10.07578      | 19.70         | 50.00         | 30.30       | L1      | gnd  |
| 25.54843      | 27.56         | 50.00         | 22.44       | L1      | gnd  |

## 802.11n (HT40) , Channel No.: 159, N Line



## Final Measurement Results

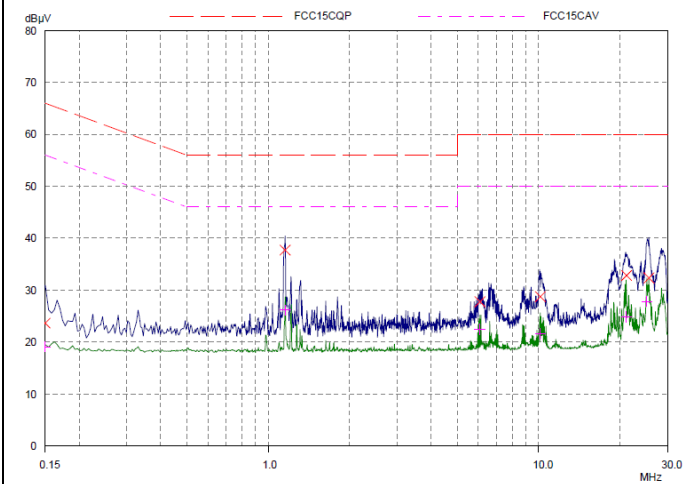
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 49.62         | 66.00         | 16.38       | N       | gnd  |
| 0.29453       | 33.62         | 60.40         | 26.78       | N       | gnd  |
| 1.15          | 32.00         | 56.00         | 24.00       | N       | gnd  |
| 10.16562      | 25.14         | 60.00         | 34.86       | N       | gnd  |
| 21.3414       | 36.82         | 60.00         | 23.18       | N       | gnd  |
| 25.25546      | 32.34         | 60.00         | 27.66       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 31.08         | 56.00         | 24.92       | N       | gnd  |
| 0.29453       | 24.45         | 50.40         | 25.95       | N       | gnd  |
| 1.15          | 24.07         | 46.00         | 21.93       | N       | gnd  |
| 10.16562      | 20.30         | 50.00         | 29.70       | N       | gnd  |
| 21.2789       | 28.65         | 50.00         | 21.35       | N       | gnd  |
| 25.25546      | 25.94         | 50.00         | 24.06       | N       | gnd  |





## 802.11ac (HT20) , Channel No.: 36, L Line

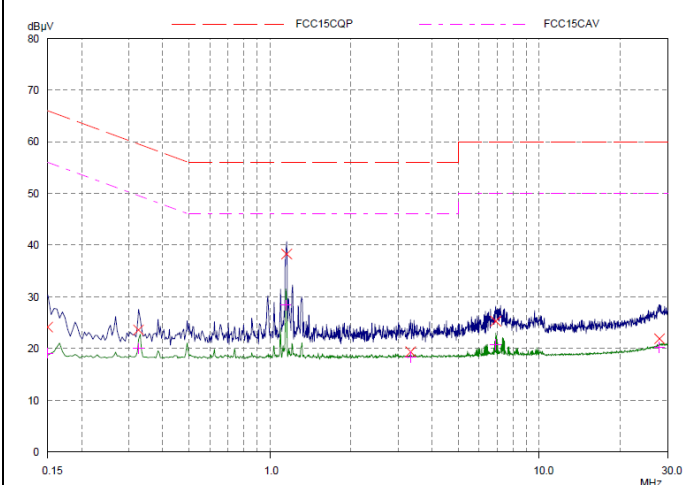


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.66         | 66.00         | 42.34       | L1      | gnd  |
| 1.1539        | 37.72         | 56.00         | 18.28       | L1      | gnd  |
| 6.07187       | 27.77         | 60.00         | 32.23       | L1      | gnd  |
| 10.13046      | 28.74         | 60.00         | 31.26       | L1      | gnd  |
| 21.14609      | 32.82         | 60.00         | 27.18       | L1      | gnd  |
| 25.55234      | 32.35         | 60.00         | 27.65       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | L1      | gnd  |
| 1.15781       | 26.17         | 46.00         | 19.83       | L1      | gnd  |
| 6.07187       | 22.46         | 50.00         | 27.54       | L1      | gnd  |
| 10.13046      | 21.57         | 50.00         | 28.43       | L1      | gnd  |
| 21.14609      | 24.82         | 50.00         | 25.18       | L1      | gnd  |
| 25.17734      | 27.84         | 50.00         | 22.16       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 36, N Line

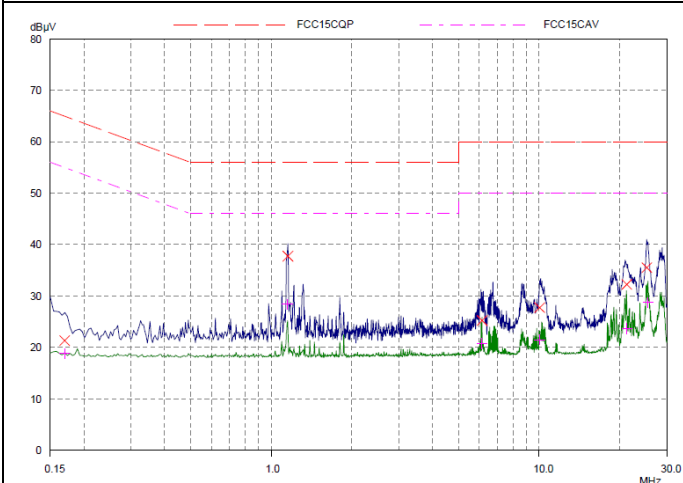


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 24.14         | 66.00         | 41.86       | N       | gnd  |
| 0.32578       | 23.61         | 59.56         | 35.95       | N       | gnd  |
| 1.1539        | 38.28         | 56.00         | 17.72       | N       | gnd  |
| 3.32578       | 19.36         | 56.00         | 36.64       | N       | gnd  |
| 6.9           | 25.27         | 60.00         | 34.73       | N       | gnd  |
| 27.98203      | 21.88         | 60.00         | 38.12       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | N       | gnd  |
| 0.32578       | 20.00         | 49.56         | 29.56       | N       | gnd  |
| 1.14609       | 28.37         | 46.00         | 17.63       | N       | gnd  |
| 3.32578       | 18.33         | 46.00         | 27.67       | N       | gnd  |
| 6.9           | 20.78         | 50.00         | 29.22       | N       | gnd  |
| 27.98203      | 20.24         | 50.00         | 29.76       | N       | gnd  |

## 802.11ac (HT20) , Channel No.: 40, L Line



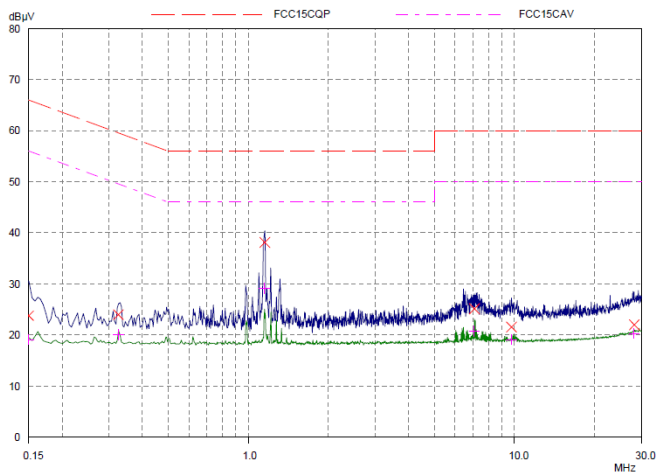
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16953       | 21.34         | 64.98         | 43.64       | L1      | gnd  |
| 1.1539        | 37.74         | 56.00         | 18.26       | L1      | gnd  |
| 6.12656       | 25.21         | 60.00         | 34.79       | L1      | gnd  |
| 10.04062      | 27.74         | 60.00         | 32.26       | L1      | gnd  |
| 21.27109      | 32.27         | 60.00         | 27.73       | L1      | gnd  |
| 25.23203      | 35.50         | 60.00         | 24.50       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16953       | 18.80         | 54.98         | 36.18       | L1      | gnd  |
| 1.15          | 28.37         | 46.00         | 17.63       | L1      | gnd  |
| 6.12656       | 20.76         | 50.00         | 29.24       | L1      | gnd  |
| 10.04062      | 21.51         | 50.00         | 28.49       | L1      | gnd  |
| 21.27109      | 23.64         | 50.00         | 26.36       | L1      | gnd  |
| 25.50156      | 28.75         | 50.00         | 21.25       | L1      | gnd  |



## 802.11ac (HT20) , Channel No.: 40, N Line

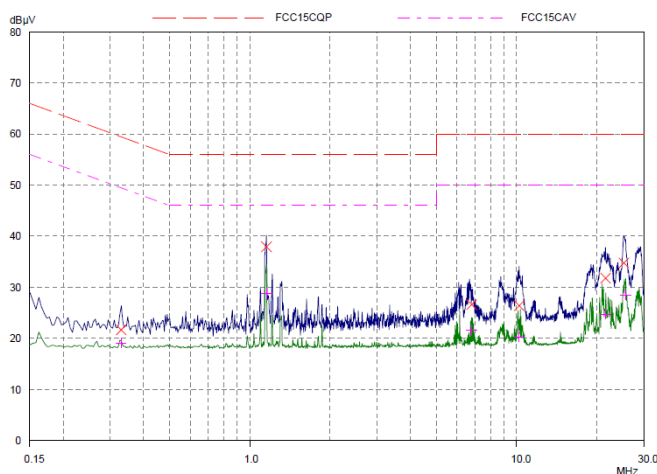


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.76         | 66.00         | 42.24       | N       | gnd  |
| 0.32578       | 23.99         | 59.56         | 35.57       | N       | gnd  |
| 1.1539        | 38.12         | 56.00         | 17.88       | N       | gnd  |
| 7.07968       | 25.14         | 60.00         | 34.86       | N       | gnd  |
| 9.74375       | 21.55         | 60.00         | 38.45       | N       | gnd  |
| 28.20859      | 22.00         | 60.00         | 38.00       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | N       | gnd  |
| 0.32578       | 20.07         | 49.56         | 29.49       | N       | gnd  |
| 1.15          | 29.09         | 46.00         | 16.91       | N       | gnd  |
| 7.07968       | 20.79         | 50.00         | 29.21       | N       | gnd  |
| 9.74375       | 19.11         | 50.00         | 30.89       | N       | gnd  |
| 28.20859      | 20.33         | 50.00         | 29.67       | N       | gnd  |

## 802.11ac (HT20) , Channel No.: 48, L Line

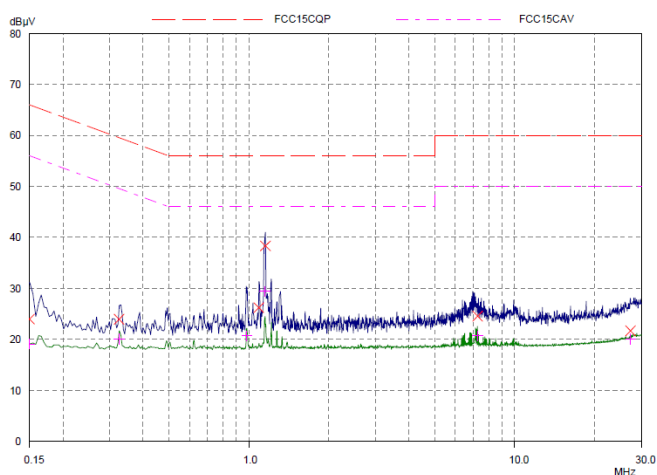


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32968       | 21.63         | 59.46         | 37.83       | L1      | gnd  |
| 1.1539        | 37.94         | 56.00         | 18.06       | L1      | gnd  |
| 6.78281       | 26.59         | 60.00         | 33.41       | L1      | gnd  |
| 10.2125       | 26.38         | 60.00         | 33.62       | L1      | gnd  |
| 21.56796      | 31.78         | 60.00         | 28.22       | L1      | gnd  |
| 25.26328      | 34.78         | 60.00         | 25.22       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32968       | 19.10         | 49.46         | 30.36       | L1      | gnd  |
| 1.1539        | 28.81         | 46.00         | 17.19       | L1      | gnd  |
| 6.78281       | 21.59         | 50.00         | 28.41       | L1      | gnd  |
| 10.2125       | 20.30         | 50.00         | 29.70       | L1      | gnd  |
| 21.56796      | 24.78         | 50.00         | 25.22       | L1      | gnd  |
| 25.268125     | 28.54         | 50.00         | 21.46       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 48, N Line



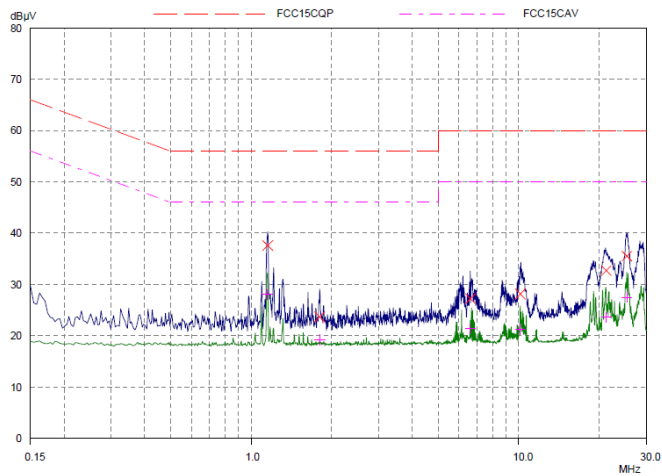
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.98         | 66.00         | 42.02       | N       | gnd  |
| 0.32578       | 23.93         | 59.56         | 35.63       | N       | gnd  |
| 1.0914        | 26.22         | 56.00         | 29.78       | N       | gnd  |
| 1.1539        | 38.34         | 56.00         | 17.66       | N       | gnd  |
| 7.25546       | 24.56         | 60.00         | 35.44       | N       | gnd  |
| 27.29062      | 21.67         | 60.00         | 38.33       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | N       | gnd  |
| 0.32578       | 20.07         | 49.56         | 29.49       | N       | gnd  |
| 0.98203       | 20.65         | 46.00         | 25.35       | N       | gnd  |
| 1.15          | 29.45         | 46.00         | 16.55       | N       | gnd  |
| 7.25546       | 20.66         | 50.00         | 29.34       | N       | gnd  |
| 27.29062      | 20.07         | 50.00         | 29.93       | N       | gnd  |



## 802.11ac (HT20) , Channel No.: 52, L Line

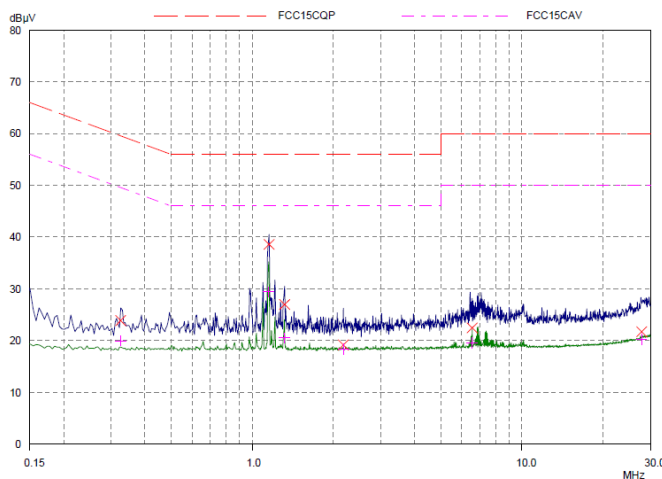


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 1.1539        | 37.60         | 56.00         | 18.40       | L1      | gnd  |
| 1.80234       | 23.69         | 56.00         | 32.31       | L1      | gnd  |
| 6.60703       | 27.23         | 60.00         | 32.77       | L1      | gnd  |
| 10.13046      | 28.14         | 60.00         | 31.86       | L1      | gnd  |
| 21.26718      | 32.71         | 60.00         | 27.29       | L1      | gnd  |
| 25.35312      | 35.51         | 60.00         | 24.49       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 1.15          | 28.07         | 46.00         | 17.93       | L1      | gnd  |
| 1.80234       | 19.21         | 46.00         | 26.79       | L1      | gnd  |
| 6.60703       | 21.36         | 50.00         | 28.64       | L1      | gnd  |
| 10.13046      | 21.28         | 50.00         | 28.72       | L1      | gnd  |
| 21.26718      | 23.59         | 50.00         | 26.41       | L1      | gnd  |
| 25.35312      | 27.48         | 50.00         | 22.52       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 52, N Line

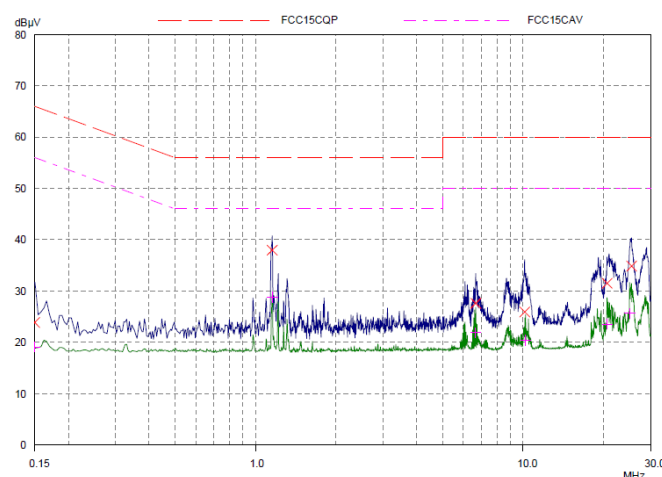


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32578       | 23.87         | 59.56         | 35.69       | N       | gnd  |
| 1.1539        | 38.58         | 56.00         | 17.42       | N       | gnd  |
| 1.31796       | 26.98         | 56.00         | 29.02       | N       | gnd  |
| 2.17734       | 19.16         | 56.00         | 36.84       | N       | gnd  |
| 6.54843       | 22.46         | 60.00         | 37.54       | N       | gnd  |
| 27.82187      | 21.70         | 60.00         | 38.30       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32578       | 19.94         | 49.56         | 29.62       | N       | gnd  |
| 1.15          | 29.41         | 46.00         | 16.59       | N       | gnd  |
| 1.31796       | 20.52         | 46.00         | 25.48       | N       | gnd  |
| 2.17734       | 18.31         | 46.00         | 27.69       | N       | gnd  |
| 6.54843       | 19.60         | 50.00         | 30.40       | N       | gnd  |
| 27.82187      | 20.22         | 50.00         | 29.78       | N       | gnd  |

## 802.11ac (HT20) , Channel No.: 60, L Line



## Final Measurement Results

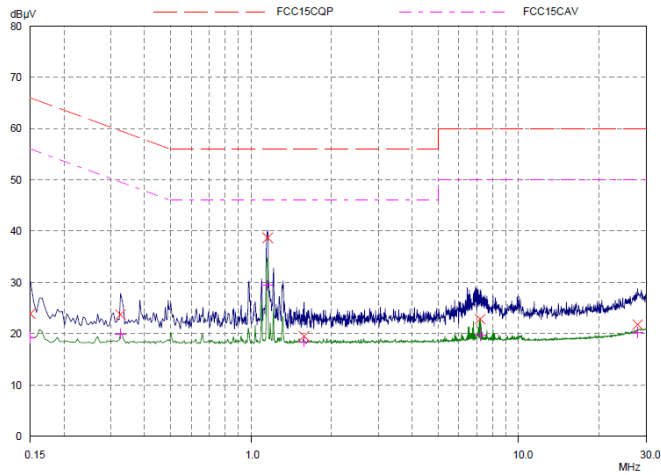
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.88         | 66.00         | 42.12       | L1      | gnd  |
| 1.1539        | 37.96         | 56.00         | 18.04       | L1      | gnd  |
| 6.66171       | 27.61         | 60.00         | 32.39       | L1      | gnd  |
| 10.14609      | 25.92         | 60.00         | 34.08       | L1      | gnd  |
| 20.61484      | 31.52         | 60.00         | 28.48       | L1      | gnd  |
| 25.44687      | 34.86         | 60.00         | 25.14       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | L1      | gnd  |
| 1.1539        | 28.81         | 46.00         | 17.19       | L1      | gnd  |
| 6.66171       | 21.91         | 50.00         | 28.09       | L1      | gnd  |
| 10.2125       | 20.37         | 50.00         | 29.63       | L1      | gnd  |
| 20.61484      | 23.54         | 50.00         | 26.46       | L1      | gnd  |
| 25.025        | 25.61         | 50.00         | 24.39       | L1      | gnd  |





## 802.11ac (HT20) , Channel No.: 60, N Line

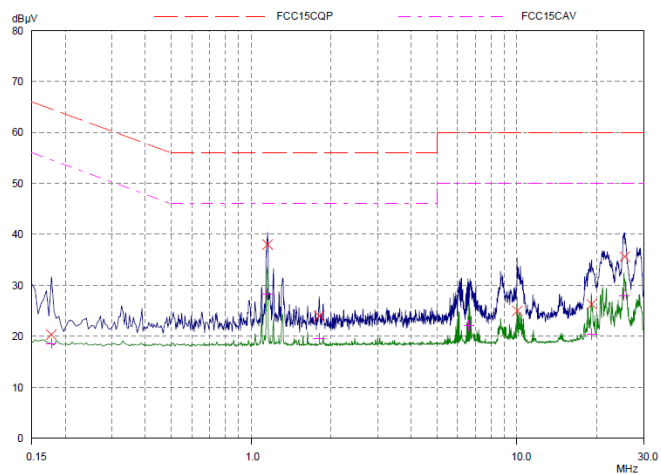


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 23.90            | 66.00            | 42.10          | N          | gnd     |
| 0.32578          | 23.73            | 59.56            | 35.83          | N          | gnd     |
| 1.1539           | 38.68            | 56.00            | 17.32          | N          | gnd     |
| 1.57968          | 19.51            | 56.00            | 36.49          | N          | gnd     |
| 7.19296          | 22.86            | 60.00            | 37.14          | N          | gnd     |
| 27.91171         | 21.79            | 60.00            | 38.21          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 19.19            | 56.00            | 36.81          | N          | gnd     |
| 0.32578          | 19.94            | 49.56            | 29.62          | N          | gnd     |
| 1.15             | 29.45            | 46.00            | 16.55          | N          | gnd     |
| 1.57968          | 18.38            | 46.00            | 27.62          | N          | gnd     |
| 7.19296          | 19.69            | 50.00            | 30.31          | N          | gnd     |
| 27.91171         | 20.23            | 50.00            | 29.77          | N          | gnd     |

## 802.11ac (HT20) , Channel No.: 64, L Line

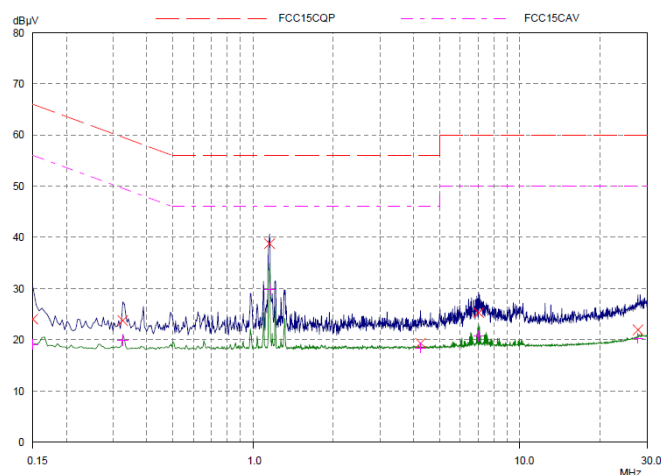


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.17734          | 20.32            | 64.61            | 44.29          | L1         | gnd     |
| 1.1539           | 38.00            | 56.00            | 18.00          | L1         | gnd     |
| 1.80625          | 23.97            | 56.00            | 32.03          | L1         | gnd     |
| 10.03281         | 24.96            | 60.00            | 35.04          | L1         | gnd     |
| 19.11484         | 26.30            | 60.00            | 33.70          | L1         | gnd     |
| 25.47421         | 35.65            | 60.00            | 24.35          | L1         | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.17734          | 18.57            | 54.61            | 36.04          | L1         | gnd     |
| 1.15             | 28.32            | 46.00            | 17.68          | L1         | gnd     |
| 1.80625          | 19.63            | 46.00            | 26.37          | L1         | gnd     |
| 6.60312          | 22.07            | 50.00            | 27.93          | L1         | gnd     |
| 19.11484         | 20.43            | 50.00            | 29.57          | L1         | gnd     |
| 25.29453         | 27.98            | 50.00            | 22.02          | L1         | gnd     |

## 802.11ac (HT20) , Channel No.: 64, N Line



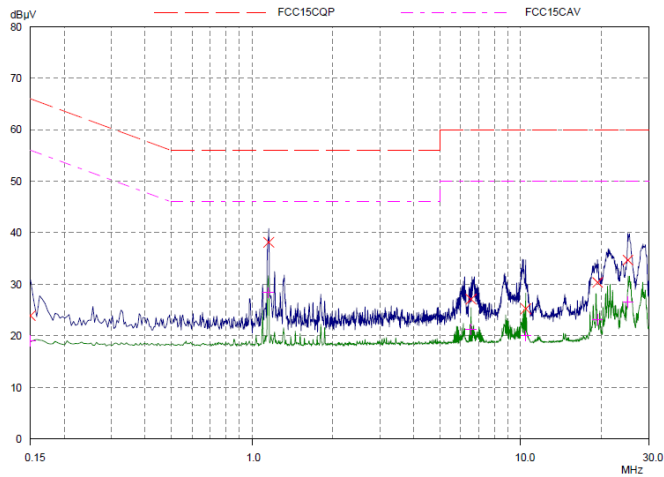
## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 24.04            | 66.00            | 41.96          | N          | gnd     |
| 0.32578          | 23.75            | 59.56            | 35.81          | N          | gnd     |
| 1.1539           | 38.78            | 56.00            | 17.22          | N          | gnd     |
| 4.24375          | 19.35            | 56.00            | 36.65          | N          | gnd     |
| 7.02109          | 25.30            | 60.00            | 34.70          | N          | gnd     |
| 27.74765         | 21.93            | 60.00            | 38.07          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 19.12            | 56.00            | 36.88          | N          | gnd     |
| 0.32578          | 19.87            | 49.56            | 29.69          | N          | gnd     |
| 1.1539           | 29.84            | 46.00            | 16.16          | N          | gnd     |
| 4.24375          | 18.36            | 46.00            | 27.64          | N          | gnd     |
| 7.02109          | 20.79            | 50.00            | 29.21          | N          | gnd     |
| 27.74765         | 20.28            | 50.00            | 29.72          | N          | gnd     |



## 802.11ac (HT20) , Channel No.: 100, L Line

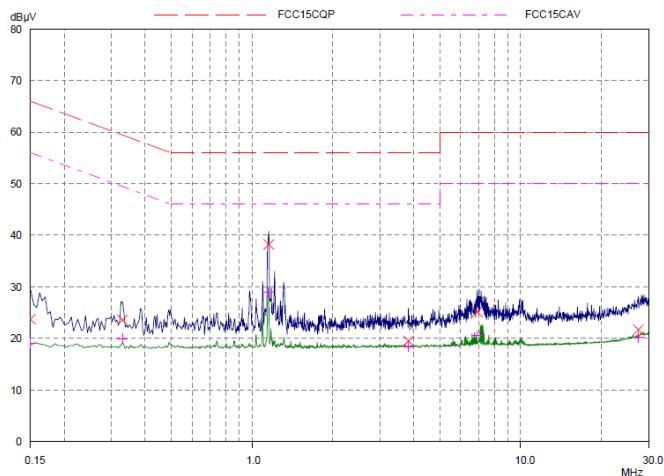


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.90         | 66.00         | 42.10       | L1      | gnd  |
| 1.1539        | 38.16         | 56.00         | 17.84       | L1      | gnd  |
| 6.54843       | 27.08         | 60.00         | 32.92       | L1      | gnd  |
| 10.44687      | 25.25         | 60.00         | 34.75       | L1      | gnd  |
| 19.31406      | 30.39         | 60.00         | 29.61       | L1      | gnd  |
| 25.11875      | 34.69         | 60.00         | 25.31       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.04         | 56.00         | 36.96       | L1      | gnd  |
| 1.15          | 28.37         | 46.00         | 17.63       | L1      | gnd  |
| 6.54843       | 21.30         | 50.00         | 28.70       | L1      | gnd  |
| 10.44687      | 19.98         | 50.00         | 30.02       | L1      | gnd  |
| 19.31406      | 23.19         | 50.00         | 26.81       | L1      | gnd  |
| 25.14609      | 26.52         | 50.00         | 23.48       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 100, N Line

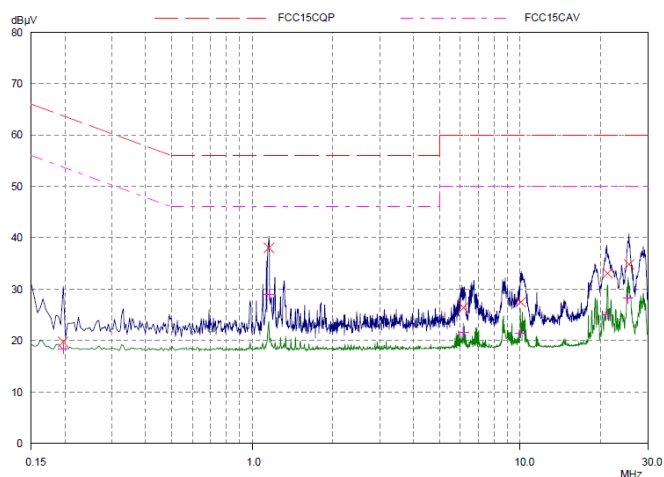


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.72         | 66.00         | 42.28       | N       | gnd  |
| 0.32968       | 23.57         | 59.46         | 35.89       | N       | gnd  |
| 1.1539        | 38.24         | 56.00         | 17.76       | N       | gnd  |
| 3.82187       | 19.53         | 56.00         | 36.47       | N       | gnd  |
| 6.9           | 25.13         | 60.00         | 34.87       | N       | gnd  |
| 27.39218      | 21.67         | 60.00         | 38.33       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | N       | gnd  |
| 0.32968       | 19.94         | 49.46         | 29.52       | N       | gnd  |
| 1.15          | 28.90         | 46.00         | 17.10       | N       | gnd  |
| 3.82187       | 18.42         | 46.00         | 27.58       | N       | gnd  |
| 6.9           | 20.53         | 50.00         | 29.47       | N       | gnd  |
| 27.39218      | 20.17         | 50.00         | 29.83       | N       | gnd  |

## 802.11ac (HT20) , Channel No.: 116, L Line



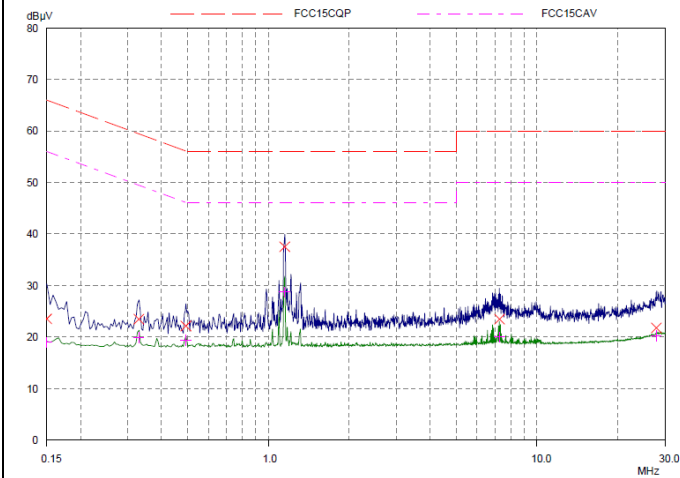
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19687       | 19.74         | 63.74         | 44.00       | L1      | gnd  |
| 1.1539        | 38.02         | 56.00         | 17.98       | L1      | gnd  |
| 6.13437       | 26.39         | 60.00         | 33.61       | L1      | gnd  |
| 10.04062      | 27.50         | 60.00         | 32.50       | L1      | gnd  |
| 21.20859      | 33.07         | 60.00         | 26.93       | L1      | gnd  |
| 25.50156      | 34.81         | 60.00         | 25.19       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19687       | 18.39         | 53.74         | 35.35       | L1      | gnd  |
| 1.1539        | 28.95         | 46.00         | 17.05       | L1      | gnd  |
| 6.13437       | 21.57         | 50.00         | 28.43       | L1      | gnd  |
| 10.04062      | 21.51         | 50.00         | 28.49       | L1      | gnd  |
| 21.20859      | 25.08         | 50.00         | 24.92       | L1      | gnd  |
| 25.32578      | 28.27         | 50.00         | 21.73       | L1      | gnd  |



## 802.11ac (HT20) , Channel No.: 116, N Line

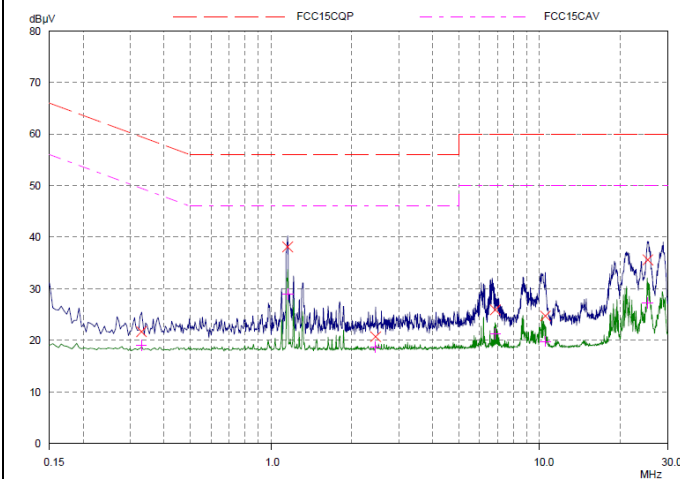


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.54         | 66.00         | 42.46       | N       | gnd  |
| 0.32968       | 23.49         | 59.46         | 35.97       | N       | gnd  |
| 0.49375       | 22.16         | 56.10         | 33.94       | N       | gnd  |
| 1.15          | 37.52         | 56.00         | 18.48       | N       | gnd  |
| 7.25937       | 23.46         | 60.00         | 36.54       | N       | gnd  |
| 27.80234      | 21.79         | 60.00         | 38.21       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 18.97         | 56.00         | 37.03       | N       | gnd  |
| 0.32968       | 19.87         | 49.46         | 29.59       | N       | gnd  |
| 0.49375       | 19.36         | 46.10         | 26.74       | N       | gnd  |
| 1.15          | 28.76         | 46.00         | 17.24       | N       | gnd  |
| 7.25937       | 20.03         | 50.00         | 29.97       | N       | gnd  |
| 27.80234      | 20.21         | 50.00         | 29.79       | N       | gnd  |

## 802.11ac (HT20) , Channel No.: 132, L Line

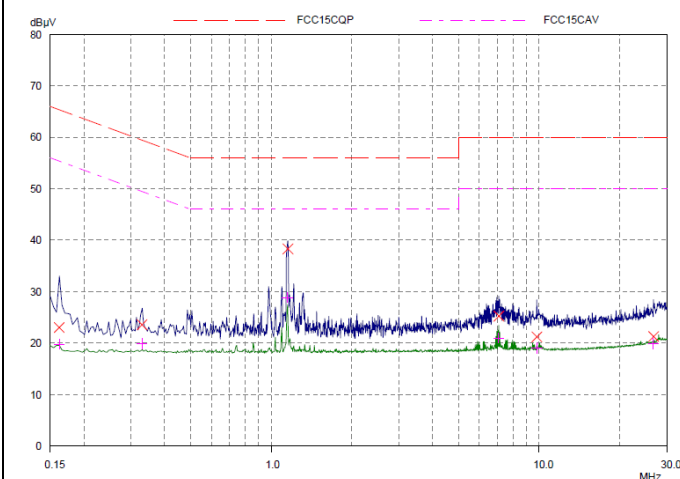


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32968       | 21.69         | 59.46         | 37.77       | L1      | gnd  |
| 1.1539        | 38.12         | 56.00         | 17.88       | L1      | gnd  |
| 2.45468       | 20.70         | 56.00         | 35.30       | L1      | gnd  |
| 6.8414        | 25.93         | 60.00         | 34.07       | L1      | gnd  |
| 10.50546      | 24.71         | 60.00         | 35.29       | L1      | gnd  |
| 25.29453      | 35.61         | 60.00         | 24.39       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32968       | 19.03         | 49.46         | 30.43       | L1      | gnd  |
| 1.1539        | 29.00         | 46.00         | 17.00       | L1      | gnd  |
| 2.45468       | 18.70         | 46.00         | 27.30       | L1      | gnd  |
| 6.8414        | 21.31         | 50.00         | 28.69       | L1      | gnd  |
| 10.50546      | 19.78         | 50.00         | 30.22       | L1      | gnd  |
| 25.23593      | 27.21         | 50.00         | 22.79       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 132, N Line



## Final Measurement Results

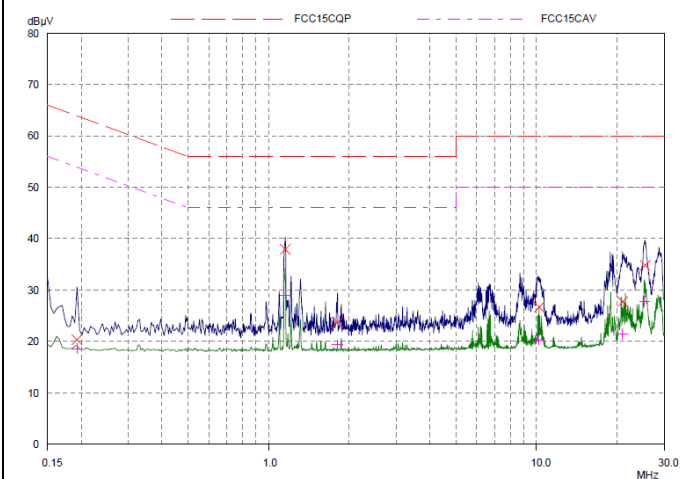
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16171       | 23.01         | 65.38         | 42.37       | N       | gnd  |
| 0.32968       | 23.55         | 59.46         | 35.91       | N       | gnd  |
| 1.1539        | 38.30         | 56.00         | 17.70       | N       | gnd  |
| 7.07968       | 25.26         | 60.00         | 34.74       | N       | gnd  |
| 9.80625       | 21.19         | 60.00         | 38.81       | N       | gnd  |
| 26.7125       | 21.26         | 60.00         | 38.74       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16171       | 19.75         | 55.38         | 35.63       | N       | gnd  |
| 0.32968       | 19.87         | 49.46         | 29.59       | N       | gnd  |
| 1.15          | 28.86         | 46.00         | 17.14       | N       | gnd  |
| 7.07968       | 20.97         | 50.00         | 29.03       | N       | gnd  |
| 9.80625       | 19.04         | 50.00         | 30.96       | N       | gnd  |
| 26.7125       | 19.92         | 50.00         | 30.08       | N       | gnd  |





## 802.11ac (HT20) , Channel No.: 144, L Line

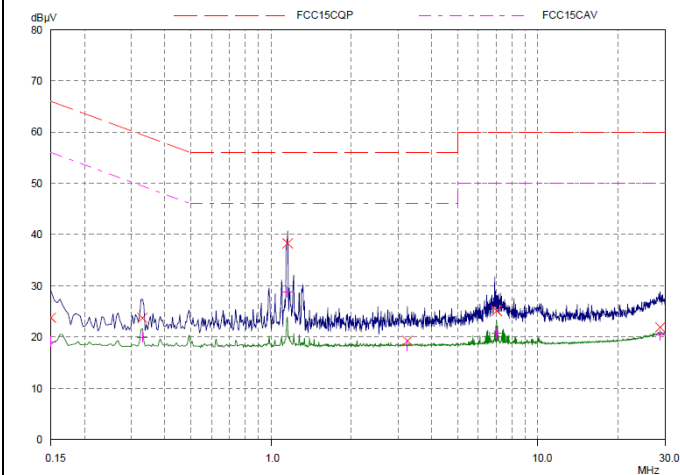


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19296       | 20.31         | 63.91         | 43.60       | L1      | gnd  |
| 1.1539        | 37.94         | 56.00         | 18.06       | L1      | gnd  |
| 1.81015       | 23.71         | 56.00         | 32.29       | L1      | gnd  |
| 10.2125       | 26.64         | 60.00         | 33.36       | L1      | gnd  |
| 20.95468      | 27.75         | 60.00         | 32.25       | L1      | gnd  |
| 25.44687      | 34.82         | 60.00         | 25.18       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.19296       | 18.63         | 53.91         | 35.28       | L1      | gnd  |
| 1.1539        | 28.95         | 46.00         | 17.05       | L1      | gnd  |
| 1.81015       | 19.35         | 46.00         | 26.65       | L1      | gnd  |
| 10.2125       | 20.30         | 50.00         | 29.70       | L1      | gnd  |
| 20.95468      | 21.42         | 50.00         | 28.58       | L1      | gnd  |
| 25.29453      | 27.79         | 50.00         | 22.21       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 144, N Line

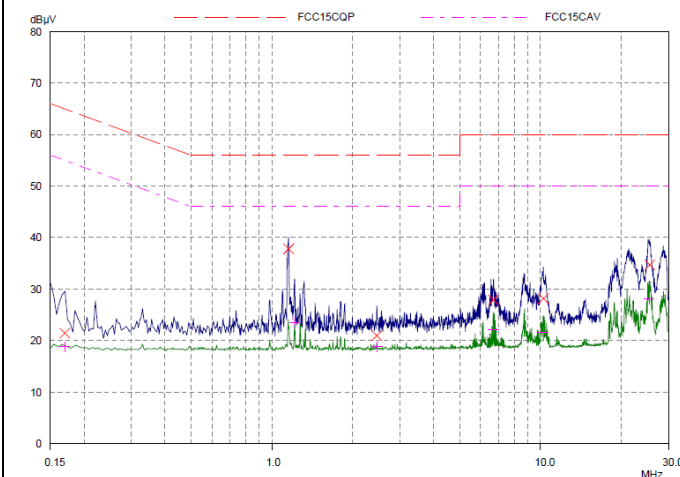


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 23.76         | 66.00         | 42.24       | N       | gnd  |
| 0.32968       | 23.73         | 59.46         | 35.73       | N       | gnd  |
| 1.1539        | 38.28         | 56.00         | 17.72       | N       | gnd  |
| 3.24765       | 19.26         | 56.00         | 36.74       | N       | gnd  |
| 7.02109       | 25.12         | 60.00         | 34.88       | N       | gnd  |
| 28.775        | 21.90         | 60.00         | 38.10       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | N       | gnd  |
| 0.32968       | 19.94         | 49.46         | 29.52       | N       | gnd  |
| 1.15          | 28.81         | 46.00         | 17.19       | N       | gnd  |
| 3.24765       | 18.33         | 46.00         | 27.67       | N       | gnd  |
| 7.02109       | 20.66         | 50.00         | 29.34       | N       | gnd  |
| 28.775        | 20.34         | 50.00         | 29.66       | N       | gnd  |

## 802.11ac (HT20) , Channel No.: 149, L Line



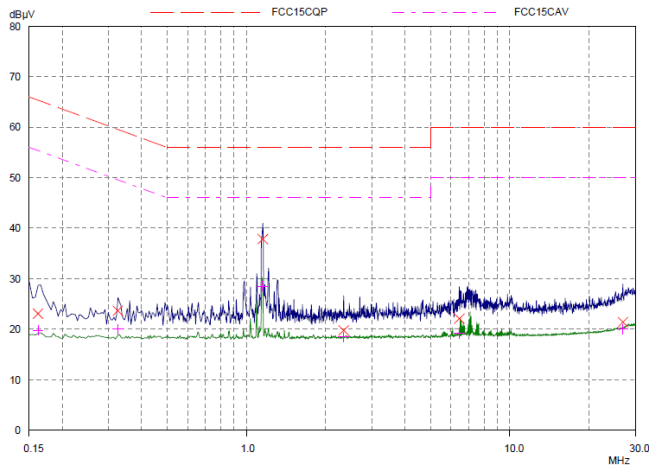
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16953       | 21.46         | 64.98         | 43.52       | L1      | gnd  |
| 1.1539        | 37.80         | 56.00         | 18.20       | L1      | gnd  |
| 2.45859       | 20.98         | 56.00         | 35.02       | L1      | gnd  |
| 6.66562       | 27.91         | 60.00         | 32.09       | L1      | gnd  |
| 10.24765      | 28.16         | 60.00         | 31.84       | L1      | gnd  |
| 25.47812      | 34.71         | 60.00         | 25.29       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16953       | 18.80         | 54.98         | 36.18       | L1      | gnd  |
| 1.2164        | 23.56         | 46.00         | 22.44       | L1      | gnd  |
| 2.45859       | 18.77         | 46.00         | 27.23       | L1      | gnd  |
| 6.66562       | 22.12         | 50.00         | 27.88       | L1      | gnd  |
| 10.24765      | 21.68         | 50.00         | 28.32       | L1      | gnd  |
| 25.38437      | 28.11         | 50.00         | 21.89       | L1      | gnd  |



## 802.11ac (HT20) , Channel No.: 149, N Line

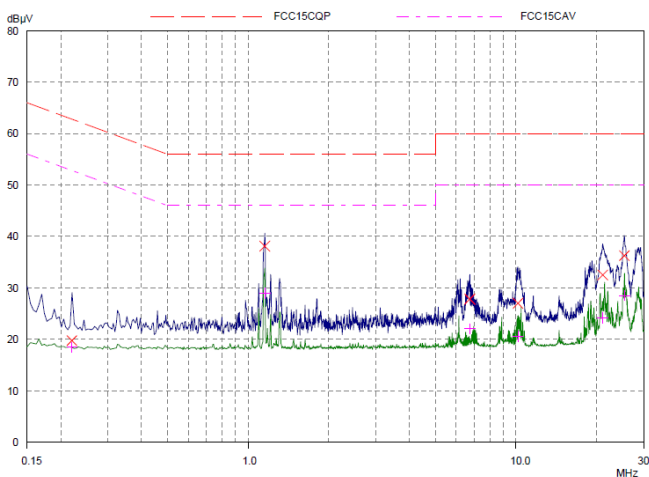


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16171       | 23.09         | 65.38         | 42.29       | N       | gnd  |
| 0.32578       | 23.67         | 59.56         | 35.89       | N       | gnd  |
| 1.1539        | 37.84         | 56.00         | 18.16       | N       | gnd  |
| 2.3375        | 19.76         | 56.00         | 36.24       | N       | gnd  |
| 6.43125       | 22.08         | 60.00         | 37.92       | N       | gnd  |
| 26.85703      | 21.38         | 60.00         | 38.62       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16171       | 19.81         | 55.38         | 35.57       | N       | gnd  |
| 0.32578       | 20.00         | 49.56         | 29.56       | N       | gnd  |
| 1.15          | 28.47         | 46.00         | 17.53       | N       | gnd  |
| 2.3375        | 18.47         | 46.00         | 27.53       | N       | gnd  |
| 6.43125       | 19.17         | 50.00         | 30.83       | N       | gnd  |
| 26.85703      | 20.02         | 50.00         | 29.98       | N       | gnd  |

## 802.11ac (HT20) , Channel No.: 157, L Line

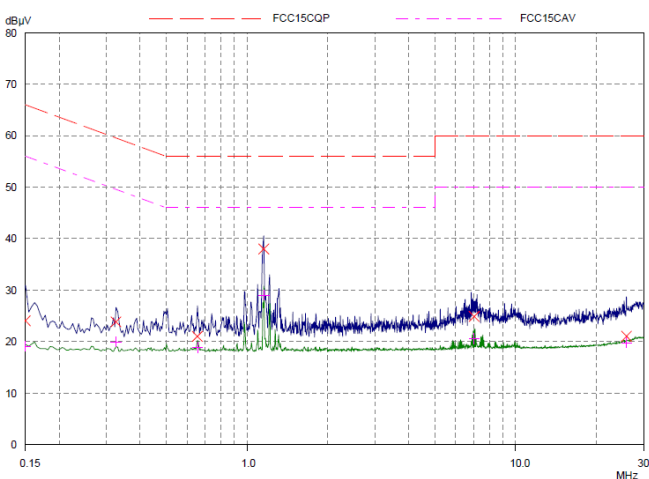


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 19.77         | 62.81         | 43.04       | L1      | gnd  |
| 1.1539        | 38.12         | 56.00         | 17.88       | L1      | gnd  |
| 6.72421       | 27.83         | 60.00         | 32.17       | L1      | gnd  |
| 10.1539       | 27.02         | 60.00         | 32.98       | L1      | gnd  |
| 21.06015      | 32.48         | 60.00         | 27.52       | L1      | gnd  |
| 25.35703      | 36.27         | 60.00         | 23.73       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 18.46         | 52.81         | 34.35       | L1      | gnd  |
| 1.1539        | 28.95         | 46.00         | 17.05       | L1      | gnd  |
| 6.72421       | 22.02         | 50.00         | 27.98       | L1      | gnd  |
| 10.1539       | 20.56         | 50.00         | 29.44       | L1      | gnd  |
| 21.06015      | 24.14         | 50.00         | 25.86       | L1      | gnd  |
| 25.41562      | 28.51         | 50.00         | 21.49       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 157, N Line



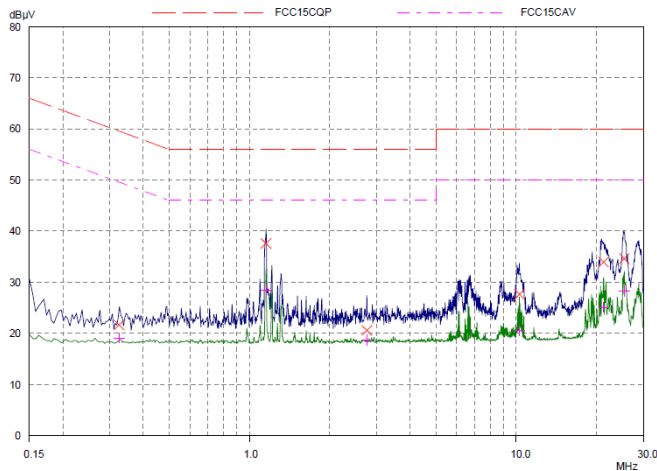
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 24.06         | 66.00         | 41.94       | N       | gnd  |
| 0.32578       | 23.85         | 59.56         | 35.71       | N       | gnd  |
| 0.6539        | 21.03         | 56.00         | 34.97       | N       | gnd  |
| 1.1539        | 38.00         | 56.00         | 18.00       | N       | gnd  |
| 7.01718       | 24.88         | 60.00         | 35.12       | N       | gnd  |
| 25.85312      | 21.05         | 60.00         | 38.95       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 19.12         | 56.00         | 36.88       | N       | gnd  |
| 0.32578       | 19.94         | 49.56         | 29.62       | N       | gnd  |
| 0.6539        | 18.91         | 46.00         | 27.09       | N       | gnd  |
| 1.1539        | 29.04         | 46.00         | 16.96       | N       | gnd  |
| 7.01718       | 20.60         | 50.00         | 29.40       | N       | gnd  |
| 25.85312      | 19.76         | 50.00         | 30.24       | N       | gnd  |



## 802.11ac (HT20) , Channel No.: 165, L Line

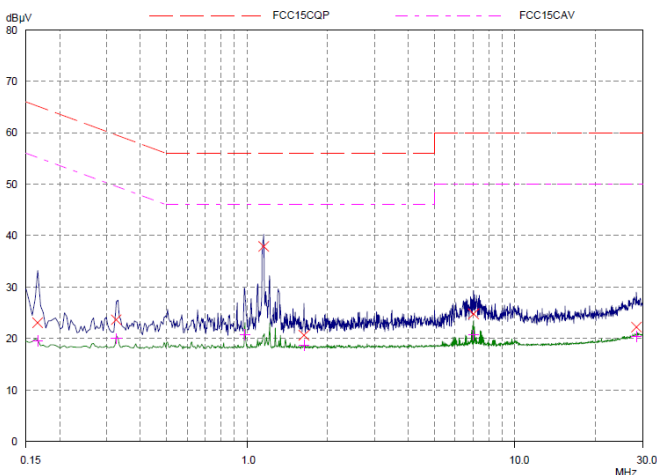


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32578       | 21.65         | 59.56         | 37.91       | L1      | gnd  |
| 1.1539        | 37.60         | 56.00         | 18.40       | L1      | gnd  |
| 2.75546       | 20.59         | 56.00         | 35.41       | L1      | gnd  |
| 10.26718      | 27.64         | 60.00         | 32.36       | L1      | gnd  |
| 21.26328      | 33.95         | 60.00         | 26.05       | L1      | gnd  |
| 25.38046      | 34.60         | 60.00         | 25.40       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.32578       | 19.10         | 49.56         | 30.46       | L1      | gnd  |
| 1.1539        | 28.52         | 46.00         | 17.48       | L1      | gnd  |
| 2.75546       | 18.71         | 46.00         | 27.29       | L1      | gnd  |
| 10.26718      | 20.62         | 50.00         | 29.38       | L1      | gnd  |
| 21.26328      | 25.08         | 50.00         | 24.92       | L1      | gnd  |
| 25.47421      | 28.29         | 50.00         | 21.71       | L1      | gnd  |

## 802.11ac (HT20) , Channel No.: 165, N Line



## Final Measurement Results

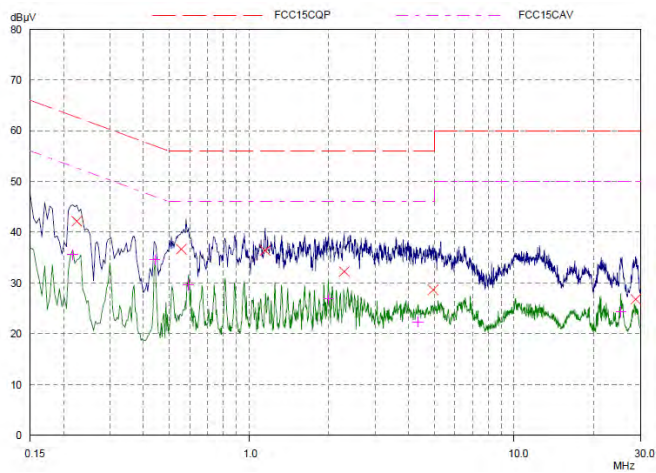
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16562       | 23.07         | 65.18         | 42.11       | N       | gnd  |
| 0.32578       | 23.63         | 59.56         | 35.93       | N       | gnd  |
| 1.1539        | 37.88         | 56.00         | 18.12       | N       | gnd  |
| 1.63046       | 20.63         | 56.00         | 35.37       | N       | gnd  |
| 7.01718       | 24.80         | 60.00         | 35.20       | N       | gnd  |
| 28.43515      | 22.19         | 60.00         | 37.81       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.16562       | 19.54         | 55.18         | 35.64       | N       | gnd  |
| 0.32578       | 20.00         | 49.56         | 29.56       | N       | gnd  |
| 0.98203       | 20.77         | 46.00         | 25.23       | N       | gnd  |
| 1.63046       | 18.69         | 46.00         | 27.31       | N       | gnd  |
| 7.01718       | 20.66         | 50.00         | 29.34       | N       | gnd  |
| 28.43515      | 20.36         | 50.00         | 29.64       | N       | gnd  |





## 802.11ac (HT40) , Channel No.: 38, L Line

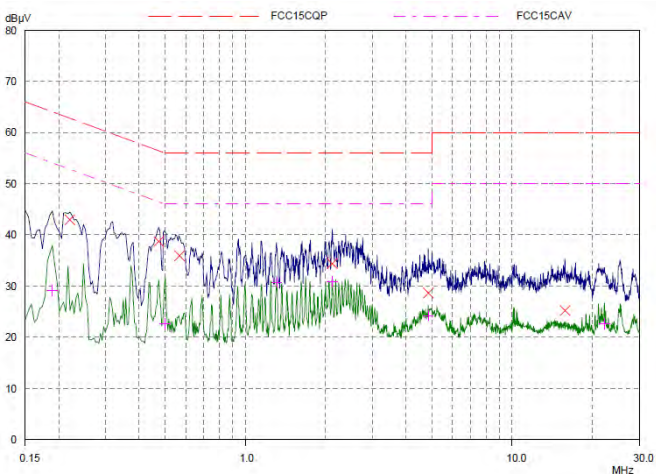


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.22421       | 42.15         | 62.66         | 20.51       | L1    | gnd |
| 0.55625       | 36.66         | 56.00         | 19.34       | L1    | gnd |
| 1.15          | 36.38         | 56.00         | 19.62       | L1    | gnd |
| 2.28671       | 32.24         | 56.00         | 23.76       | L1    | gnd |
| 4.9625        | 28.64         | 56.00         | 27.36       | L1    | gnd |
| 28.70078      | 26.77         | 60.00         | 33.23       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.2164        | 35.60         | 52.96         | 17.36       | L1    | gnd |
| 0.44296       | 34.57         | 47.01         | 12.44       | L1    | gnd |
| 0.5914        | 29.60         | 46.00         | 16.40       | L1    | gnd |
| 1.99375       | 26.80         | 46.00         | 19.20       | L1    | gnd |
| 4.3414        | 22.37         | 46.00         | 23.63       | L1    | gnd |
| 25.29453      | 24.37         | 50.00         | 25.63       | L1    | gnd |

## 802.11ac (HT40) , Channel No.: 38, N Line

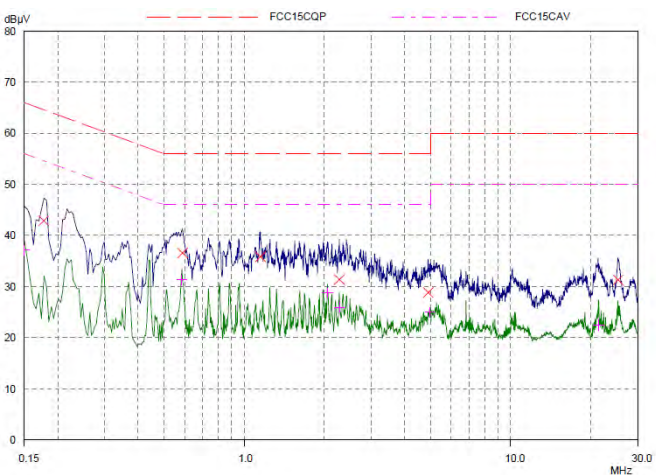


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.22031       | 42.95         | 62.81         | 19.86       | N     | gnd |
| 0.47421       | 38.71         | 56.44         | 17.73       | N     | gnd |
| 0.56796       | 35.92         | 56.00         | 20.08       | N     | gnd |
| 2.11875       | 34.38         | 56.00         | 21.62       | N     | gnd |
| 4.85312       | 28.64         | 56.00         | 27.36       | N     | gnd |
| 15.775        | 25.24         | 60.00         | 34.76       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18906       | 29.15         | 54.08         | 24.93       | N     | gnd |
| 0.50156       | 22.62         | 46.00         | 23.38       | N     | gnd |
| 1.31015       | 30.64         | 46.00         | 15.36       | N     | gnd |
| 2.12265       | 30.89         | 46.00         | 15.11       | N     | gnd |
| 4.85312       | 24.23         | 46.00         | 21.77       | N     | gnd |
| 22.2164       | 22.62         | 50.00         | 27.38       | N     | gnd |

## 802.11ac (HT40) , Channel No.: 46, L Line



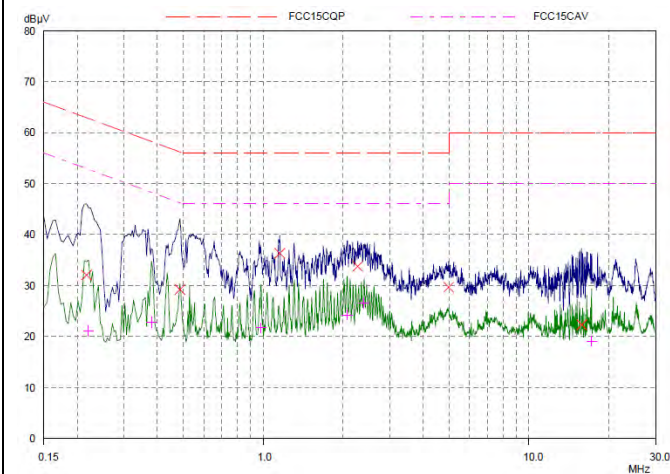
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17734       | 42.84         | 64.61         | 21.77       | L1    | gnd |
| 0.5875        | 36.58         | 56.00         | 19.42       | L1    | gnd |
| 1.15          | 35.84         | 56.00         | 20.16       | L1    | gnd |
| 2.275         | 31.36         | 56.00         | 24.64       | L1    | gnd |
| 4.9039        | 28.84         | 56.00         | 27.16       | L1    | gnd |
| 25.29453      | 31.31         | 60.00         | 28.69       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 37.10         | 56.00         | 18.90       | L1    | gnd |
| 0.58359       | 31.33         | 46.00         | 14.67       | L1    | gnd |
| 2.05625       | 28.73         | 46.00         | 17.27       | L1    | gnd |
| 2.2789        | 25.93         | 46.00         | 20.07       | L1    | gnd |
| 4.99375       | 24.93         | 46.00         | 21.07       | L1    | gnd |
| 21.38828      | 22.48         | 50.00         | 27.52       | L1    | gnd |



## 802.11ac (HT40) , Channel No.: 46, N Line

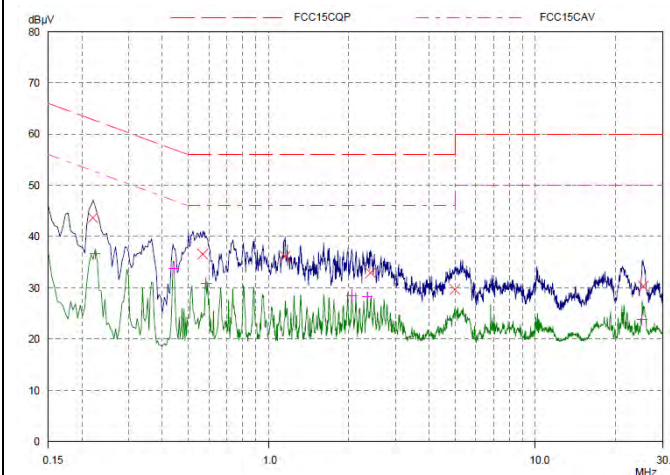


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.2164        | 32.07         | 62.96         | 30.89       | N       | gnd  |
| 0.48593       | 29.21         | 56.24         | 27.03       | N       | gnd  |
| 1.1539        | 36.34         | 56.00         | 19.66       | N       | gnd  |
| 2.27109       | 33.76         | 56.00         | 22.24       | N       | gnd  |
| 4.99375       | 29.66         | 56.00         | 26.34       | N       | gnd  |
| 15.78281      | 22.32         | 60.00         | 37.68       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 21.09         | 52.81         | 31.72       | N       | gnd  |
| 0.38046       | 22.78         | 48.27         | 25.49       | N       | gnd  |
| 0.98203       | 21.73         | 46.00         | 24.27       | N       | gnd  |
| 2.07187       | 24.25         | 46.00         | 21.75       | N       | gnd  |
| 2.4           | 26.56         | 46.00         | 19.44       | N       | gnd  |
| 17.23203      | 19.07         | 50.00         | 30.93       | N       | gnd  |

## 802.11ac (HT40) , Channel No.: 54, L Line

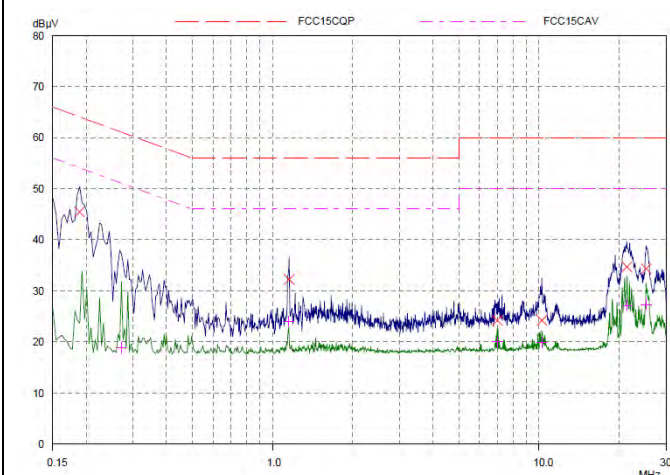


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 43.69         | 62.81         | 19.12       | L1      | gnd  |
| 0.56796       | 36.56         | 56.00         | 19.44       | L1      | gnd  |
| 1.1539        | 36.16         | 56.00         | 19.84       | L1      | gnd  |
| 2.41562       | 32.92         | 56.00         | 23.08       | L1      | gnd  |
| 4.98593       | 29.68         | 56.00         | 26.32       | L1      | gnd  |
| 25.38437      | 30.32         | 60.00         | 29.68       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22421       | 36.60         | 52.66         | 16.06       | L1      | gnd  |
| 0.44296       | 33.80         | 47.01         | 13.21       | L1      | gnd  |
| 0.58359       | 30.89         | 46.00         | 15.11       | L1      | gnd  |
| 2.05625       | 28.44         | 46.00         | 17.56       | L1      | gnd  |
| 2.34531       | 28.24         | 46.00         | 17.76       | L1      | gnd  |
| 25.17734      | 23.88         | 50.00         | 26.12       | L1      | gnd  |

## 802.11ac (HT40) , Channel No.: 54, N Line



## Final Measurement Results

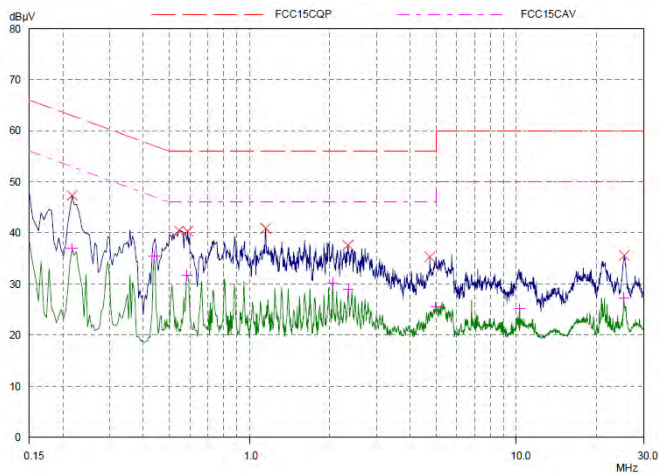
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18906       | 45.47         | 64.08         | 18.61       | N       | gnd  |
| 1.1539        | 32.22         | 56.00         | 23.78       | N       | gnd  |
| 6.9664        | 24.24         | 60.00         | 35.76       | N       | gnd  |
| 10.25156      | 24.24         | 60.00         | 35.76       | N       | gnd  |
| 21.3375       | 34.70         | 60.00         | 25.30       | N       | gnd  |
| 25.22421      | 34.32         | 60.00         | 25.68       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.27109       | 18.90         | 51.08         | 32.18       | N       | gnd  |
| 1.15          | 24.07         | 46.00         | 21.93       | N       | gnd  |
| 6.9664        | 19.96         | 50.00         | 30.04       | N       | gnd  |
| 10.25156      | 19.90         | 50.00         | 30.10       | N       | gnd  |
| 21.4          | 27.15         | 50.00         | 22.85       | N       | gnd  |
| 25.22421      | 27.34         | 50.00         | 22.66       | N       | gnd  |





## 802.11ac (HT40) , Channel No.: 62, L Line

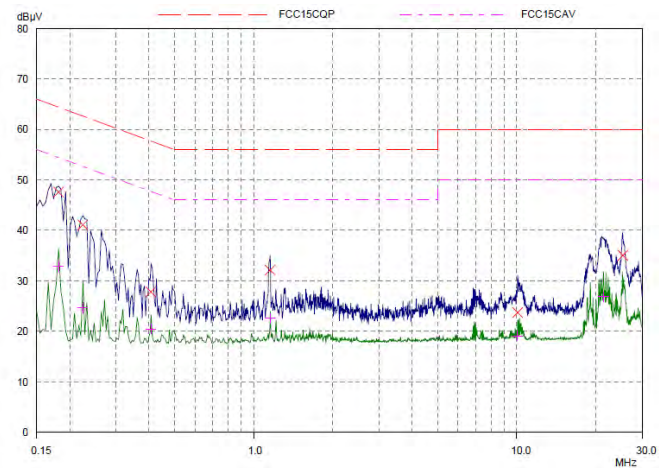


## Peak Search Results

| Frequency MHz | PK Level dBμV | PK Limit dBμV | PK Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.2164        | 47.29         | 62.96         | 15.67       | L1      | gnd  |
| 0.54453       | 40.48         | 56.00         | 15.52       | L1      | gnd  |
| 0.5875        | 40.36         | 56.00         | 15.64       | L1      | gnd  |
| 1.15          | 40.88         | 56.00         | 15.12       | L1      | gnd  |
| 2.3414        | 37.58         | 56.00         | 18.42       | L1      | gnd  |
| 4.74375       | 35.30         | 56.00         | 20.70       | L1      | gnd  |
| 25.35703      | 35.57         | 60.00         | 24.43       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.2164        | 36.95         | 52.96         | 16.01       | L1      | gnd  |
| 0.43906       | 35.45         | 47.08         | 11.63       | L1      | gnd  |
| 0.58359       | 31.66         | 46.00         | 14.34       | L1      | gnd  |
| 2.04843       | 30.20         | 46.00         | 15.80       | L1      | gnd  |
| 2.34921       | 28.98         | 46.00         | 17.02       | L1      | gnd  |
| 4.98203       | 25.48         | 46.00         | 20.52       | L1      | gnd  |
| 10.30625      | 25.18         | 50.00         | 24.82       | L1      | gnd  |
| 25.32578      | 27.31         | 50.00         | 22.69       | L1      | gnd  |

## 802.11ac (HT40) , Channel No.: 62, N Line

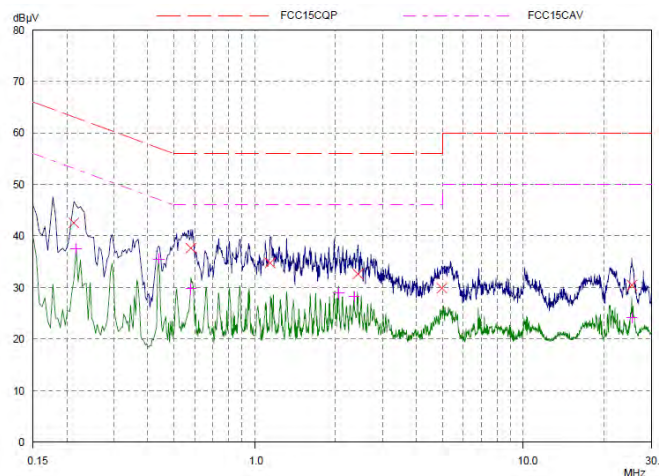


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18125       | 47.60         | 64.43         | 16.83       | N       | gnd  |
| 0.22421       | 41.11         | 62.66         | 21.55       | N       | gnd  |
| 0.40781       | 27.82         | 57.69         | 29.87       | N       | gnd  |
| 1.1539        | 32.12         | 56.00         | 23.88       | N       | gnd  |
| 10.09531      | 23.70         | 60.00         | 36.30       | N       | gnd  |
| 25.31015      | 35.05         | 60.00         | 24.95       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18125       | 32.87         | 54.43         | 21.56       | N       | gnd  |
| 0.22421       | 24.63         | 52.66         | 28.03       | N       | gnd  |
| 0.40781       | 20.44         | 47.69         | 27.25       | N       | gnd  |
| 1.15781       | 22.60         | 46.00         | 23.40       | N       | gnd  |
| 10.09531      | 19.12         | 50.00         | 30.88       | N       | gnd  |
| 21.3414       | 26.83         | 50.00         | 23.17       | N       | gnd  |

## 802.11ac (HT40) , Channel No.: 102, L Line



## Final Measurement Results

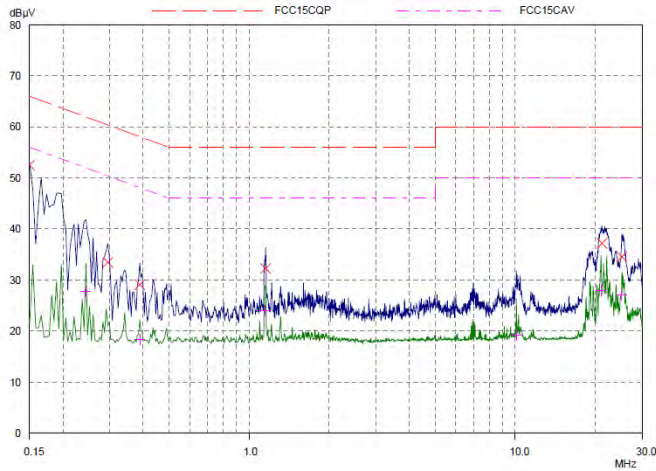
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.2125        | 42.53         | 63.11         | 20.58       | L1      | gnd  |
| 0.57968       | 37.64         | 56.00         | 18.36       | L1      | gnd  |
| 1.14218       | 34.76         | 56.00         | 21.24       | L1      | gnd  |
| 2.42343       | 32.62         | 56.00         | 23.38       | L1      | gnd  |
| 4.97421       | 29.86         | 56.00         | 26.14       | L1      | gnd  |
| 25.35703      | 30.47         | 60.00         | 29.53       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.2164        | 37.56         | 52.96         | 15.40       | L1      | gnd  |
| 0.43906       | 35.50         | 47.08         | 11.58       | L1      | gnd  |
| 0.57968       | 29.77         | 46.00         | 16.23       | L1      | gnd  |
| 2.05234       | 29.02         | 46.00         | 16.98       | L1      | gnd  |
| 2.34531       | 28.24         | 46.00         | 17.76       | L1      | gnd  |
| 25.35312      | 24.18         | 50.00         | 25.82       | L1      | gnd  |





## 802.11ac (HT40) , Channel No.: 102, N Line

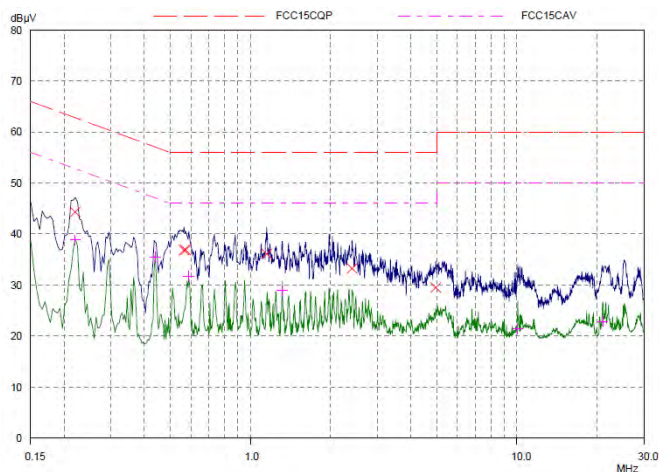


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 52.50            | 66.00            | 13.50          | N          | gnd     |
| 0.29453          | 33.42            | 60.40            | 26.98          | N          | gnd     |
| 0.38828          | 29.08            | 58.10            | 29.02          | N          | gnd     |
| 1.1539           | 32.26            | 56.00            | 23.74          | N          | gnd     |
| 21.16171         | 37.18            | 60.00            | 22.82          | N          | gnd     |
| 25.19296         | 34.56            | 60.00            | 25.44          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.24375          | 27.72            | 51.97            | 24.25          | N          | gnd     |
| 0.38828          | 18.33            | 48.10            | 29.77          | N          | gnd     |
| 1.15             | 23.98            | 46.00            | 22.02          | N          | gnd     |
| 10.09921         | 19.20            | 50.00            | 30.80          | N          | gnd     |
| 20.98593         | 27.91            | 50.00            | 22.09          | N          | gnd     |
| 25.19296         | 27.01            | 50.00            | 22.99          | N          | gnd     |

## 802.11ac (HT40) , Channel No.: 118, L Line

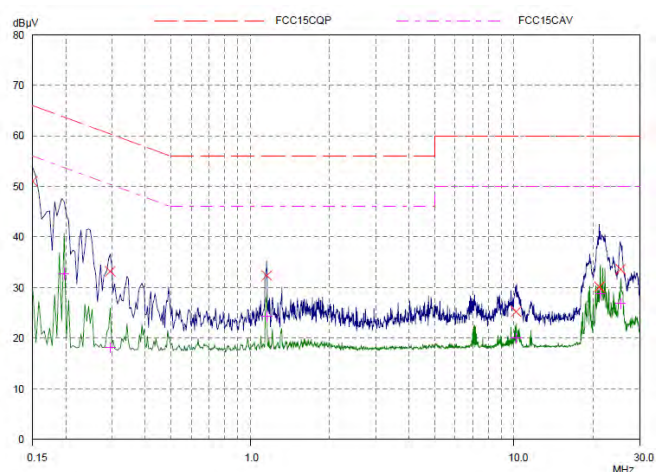


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.22031          | 44.29            | 62.81            | 18.52          | L1         | gnd     |
| 0.56406          | 36.84            | 56.00            | 19.16          | L1         | gnd     |
| 0.57187          | 36.86            | 56.00            | 19.14          | L1         | gnd     |
| 1.15             | 36.12            | 56.00            | 19.88          | L1         | gnd     |
| 2.4039           | 33.24            | 56.00            | 22.76          | L1         | gnd     |
| 4.9625           | 29.50            | 56.00            | 26.50          | L1         | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.22031          | 38.86            | 52.81            | 13.95          | L1         | gnd     |
| 0.43906          | 35.50            | 47.08            | 11.58          | L1         | gnd     |
| 0.5875           | 31.74            | 46.00            | 14.26          | L1         | gnd     |
| 1.31796          | 28.90            | 46.00            | 17.10          | L1         | gnd     |
| 10.0914          | 21.40            | 50.00            | 28.60          | L1         | gnd     |
| 21.03281         | 22.88            | 50.00            | 27.12          | L1         | gnd     |

## 802.11ac (HT40) , Channel No.: 118, N Line



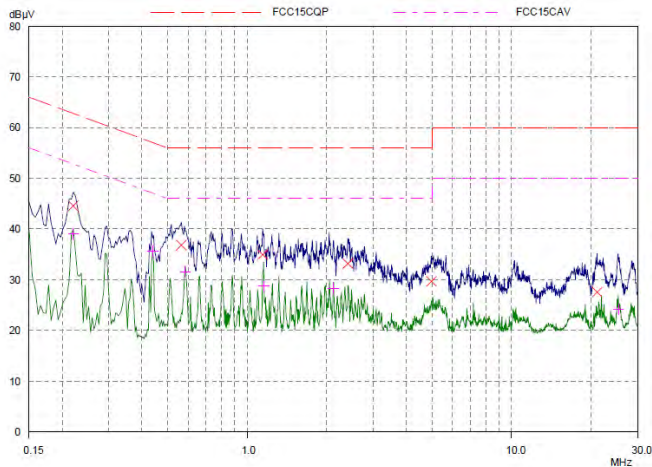
## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 51.02            | 66.00            | 14.98          | N          | gnd     |
| 0.29453          | 33.22            | 60.40            | 27.18          | N          | gnd     |
| 1.1539           | 32.36            | 56.00            | 23.64          | N          | gnd     |
| 10.19296         | 25.26            | 60.00            | 34.74          | N          | gnd     |
| 21.06015         | 30.16            | 60.00            | 29.84          | N          | gnd     |
| 25.3375          | 33.61            | 60.00            | 26.39          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.19687          | 32.73            | 53.74            | 21.01          | N          | gnd     |
| 0.29453          | 18.11            | 50.40            | 32.29          | N          | gnd     |
| 1.1539           | 24.31            | 46.00            | 21.69          | N          | gnd     |
| 10.19296         | 20.04            | 50.00            | 29.96          | N          | gnd     |
| 21.2789          | 28.71            | 50.00            | 21.29          | N          | gnd     |
| 25.3375          | 26.82            | 50.00            | 23.18          | N          | gnd     |



## 802.11ac (HT40) , Channel No.: 142, L Line

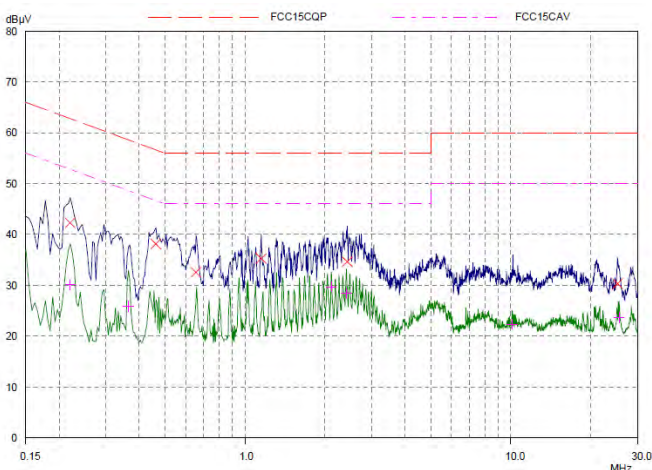


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 44.57         | 62.81         | 18.24       | L1      | gnd  |
| 0.56406       | 36.80         | 56.00         | 19.20       | L1      | gnd  |
| 1.14609       | 34.94         | 56.00         | 21.06       | L1      | gnd  |
| 2.40781       | 33.18         | 56.00         | 22.82       | L1      | gnd  |
| 4.97031       | 29.70         | 56.00         | 26.30       | L1      | gnd  |
| 21.06015      | 27.56         | 60.00         | 32.44       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 39.04         | 52.81         | 13.77       | L1      | gnd  |
| 0.43906       | 35.63         | 47.08         | 11.45       | L1      | gnd  |
| 0.58359       | 31.61         | 46.00         | 14.39       | L1      | gnd  |
| 1.1539        | 28.76         | 46.00         | 17.24       | L1      | gnd  |
| 2.12265       | 28.29         | 46.00         | 17.71       | L1      | gnd  |
| 25.38437      | 24.19         | 50.00         | 25.81       | L1      | gnd  |

## 802.11ac (HT40) , Channel No.: 142, N Line

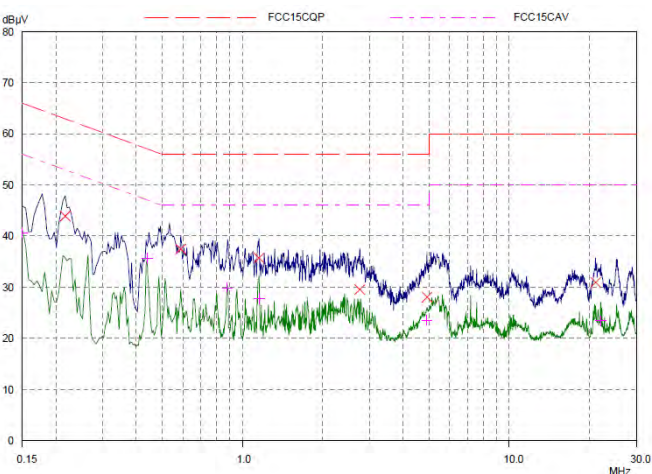


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 42.29         | 62.81         | 20.52       | N       | gnd  |
| 0.4625        | 38.15         | 56.65         | 18.50       | N       | gnd  |
| 0.6539        | 32.57         | 56.00         | 23.43       | N       | gnd  |
| 1.15          | 35.26         | 56.00         | 20.74       | N       | gnd  |
| 2.42343       | 34.64         | 56.00         | 21.36       | N       | gnd  |
| 25.23593      | 30.34         | 60.00         | 29.66       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22031       | 30.09         | 52.81         | 22.72       | N       | gnd  |
| 0.36484       | 25.88         | 48.62         | 22.74       | N       | gnd  |
| 2.11093       | 29.69         | 46.00         | 16.31       | N       | gnd  |
| 2.40781       | 28.39         | 46.00         | 17.61       | N       | gnd  |
| 10.10312      | 22.37         | 50.00         | 27.63       | N       | gnd  |
| 25.5914       | 23.68         | 50.00         | 26.32       | N       | gnd  |

## 802.11ac (HT40) , Channel No.: 151, L Line



## Final Measurement Results

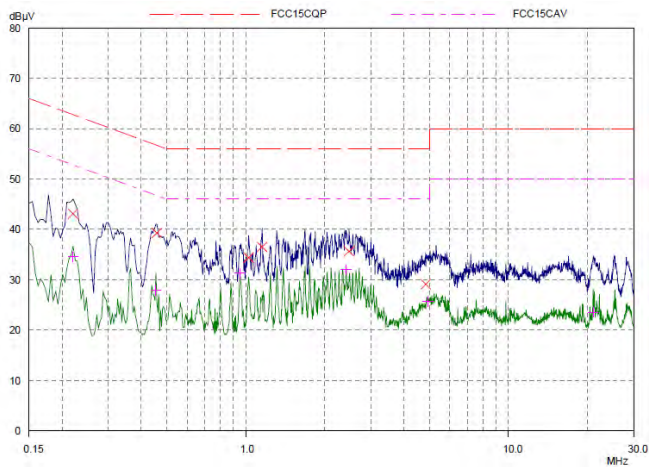
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.2164        | 43.89         | 62.96         | 19.07       | L1      | gnd  |
| 0.5875        | 37.44         | 56.00         | 18.56       | L1      | gnd  |
| 1.1539        | 35.68         | 56.00         | 20.32       | L1      | gnd  |
| 2.75937       | 29.55         | 56.00         | 26.45       | L1      | gnd  |
| 4.91562       | 28.08         | 56.00         | 27.92       | L1      | gnd  |
| 21.0875       | 30.96         | 60.00         | 29.04       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 40.65         | 56.00         | 15.35       | L1      | gnd  |
| 0.43906       | 35.63         | 47.08         | 11.45       | L1      | gnd  |
| 0.87656       | 29.85         | 46.00         | 16.15       | L1      | gnd  |
| 1.1539        | 27.70         | 46.00         | 18.30       | L1      | gnd  |
| 4.91562       | 23.51         | 46.00         | 22.49       | L1      | gnd  |
| 22.03671      | 23.42         | 50.00         | 26.58       | L1      | gnd  |





## 802.11ac (HT40) , Channel No.: 151, N Line

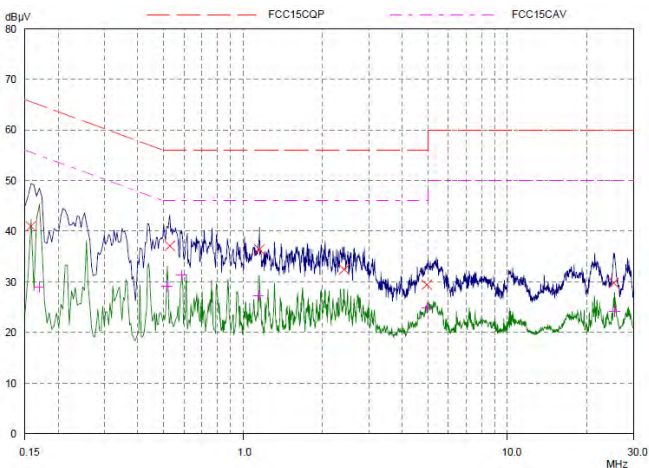


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.22031          | 43.11            | 62.81            | 19.70          | N          | gnd     |
| 0.45859          | 39.29            | 56.72            | 17.43          | N          | gnd     |
| 1.02499          | 34.40            | 56.00            | 21.60          | N          | gnd     |
| 1.1539           | 36.50            | 56.00            | 19.50          | N          | gnd     |
| 2.47421          | 35.64            | 56.00            | 20.36          | N          | gnd     |
| 4.83359          | 29.10            | 56.00            | 26.90          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.22031          | 34.58            | 52.81            | 18.23          | N          | gnd     |
| 0.45468          | 27.89            | 46.79            | 18.90          | N          | gnd     |
| 0.95078          | 31.25            | 46.00            | 14.75          | N          | gnd     |
| 2.40781          | 31.95            | 46.00            | 14.05          | N          | gnd     |
| 4.94687          | 25.65            | 46.00            | 20.35          | N          | gnd     |
| 21.03281         | 23.57            | 50.00            | 26.43          | N          | gnd     |

## 802.11ac (HT40) , Channel No.: 159, L Line

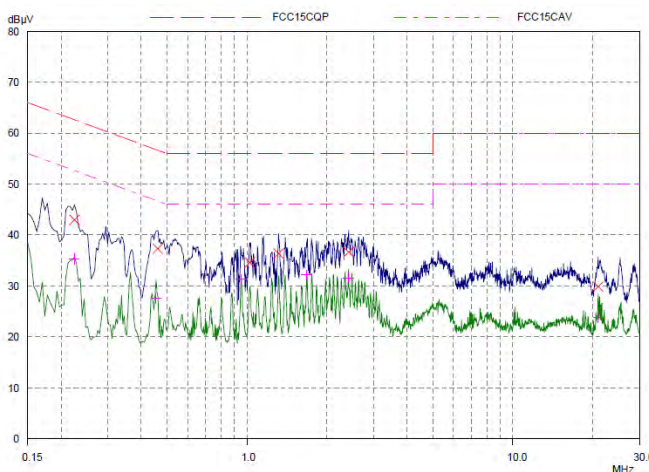


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15781          | 41.00            | 65.58            | 24.58          | L1         | gnd     |
| 0.5289           | 37.08            | 56.00            | 18.92          | L1         | gnd     |
| 1.1539           | 36.38            | 56.00            | 19.62          | L1         | gnd     |
| 2.41562          | 32.46            | 56.00            | 23.54          | L1         | gnd     |
| 4.9625           | 29.42            | 56.00            | 26.58          | L1         | gnd     |
| 25.26328         | 29.82            | 60.00            | 30.18          | L1         | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.16953          | 28.98            | 54.98            | 26.00          | L1         | gnd     |
| 0.51718          | 29.11            | 46.00            | 16.89          | L1         | gnd     |
| 0.5875           | 31.26            | 46.00            | 14.74          | L1         | gnd     |
| 1.14609          | 27.20            | 46.00            | 18.80          | L1         | gnd     |
| 4.9625           | 24.85            | 46.00            | 21.15          | L1         | gnd     |
| 25.41562         | 24.14            | 50.00            | 25.86          | L1         | gnd     |

## 802.11ac (HT40) , Channel No.: 159, N Line



## Final Measurement Results

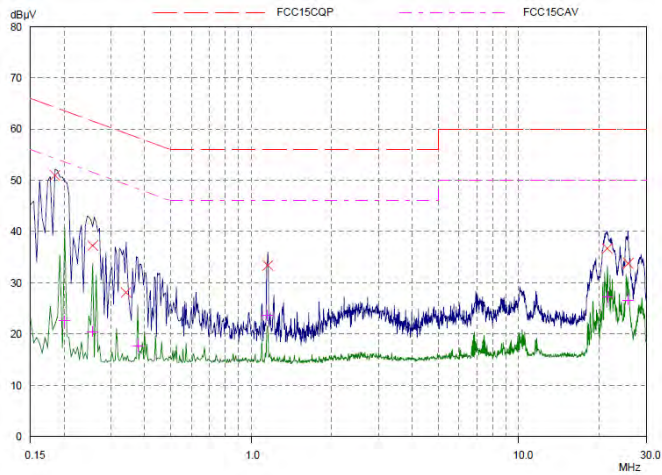
| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.22421          | 42.97            | 62.66            | 19.69          | N          | gnd     |
| 0.4625           | 37.33            | 56.65            | 19.32          | N          | gnd     |
| 1.02499          | 34.60            | 56.00            | 21.40          | N          | gnd     |
| 1.31406          | 36.36            | 56.00            | 19.64          | N          | gnd     |
| 2.41171          | 36.64            | 56.00            | 19.36          | N          | gnd     |
| 20.97421         | 29.85            | 60.00            | 30.15          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.22421          | 35.25            | 52.66            | 17.41          | N          | gnd     |
| 0.45468          | 27.51            | 46.79            | 19.28          | N          | gnd     |
| 0.95078          | 31.32            | 46.00            | 14.68          | N          | gnd     |
| 1.67734          | 32.13            | 46.00            | 13.87          | N          | gnd     |
| 2.41562          | 31.54            | 46.00            | 14.46          | N          | gnd     |
| 20.97031         | 23.85            | 50.00            | 26.15          | N          | gnd     |





## 802.11ac HT80, Channel No.: 42, L Line

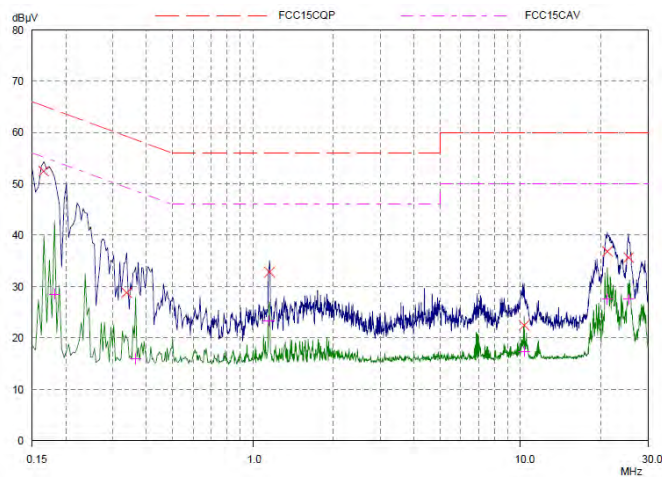


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18515       | 50.97         | 64.25         | 13.28       | L1    | gnd |
| 0.25546       | 37.29         | 61.58         | 24.29       | L1    | gnd |
| 0.3414        | 28.09         | 59.17         | 31.08       | L1    | gnd |
| 1.1539        | 33.38         | 56.00         | 22.62       | L1    | gnd |
| 21.4039       | 36.69         | 60.00         | 23.31       | L1    | gnd |
| 25.67343      | 33.79         | 60.00         | 26.21       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.20078       | 22.60         | 53.58         | 30.98       | L1    | gnd |
| 0.25546       | 20.47         | 51.58         | 31.11       | L1    | gnd |
| 0.37656       | 17.67         | 48.35         | 30.68       | L1    | gnd |
| 1.15          | 23.65         | 46.00         | 22.35       | L1    | gnd |
| 21.4625       | 27.23         | 50.00         | 22.77       | L1    | gnd |
| 25.67343      | 26.65         | 50.00         | 23.35       | L1    | gnd |

## 802.11ac HT80, Channel No.: 42, N Line

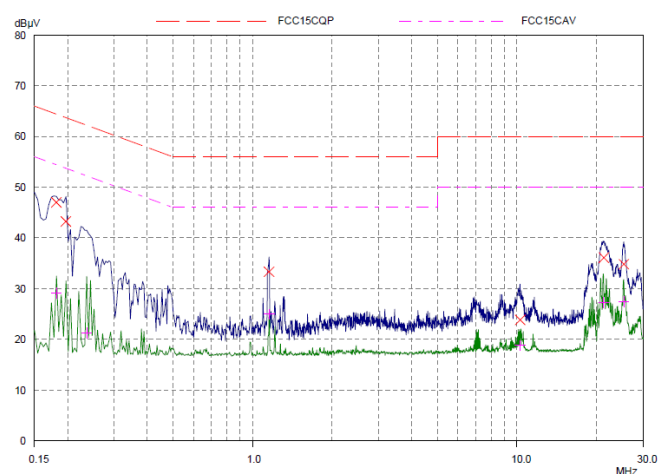


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16562       | 52.45         | 65.18         | 12.73       | N     | gnd |
| 0.3375        | 28.79         | 59.26         | 30.47       | N     | gnd |
| 1.1539        | 32.78         | 56.00         | 23.22       | N     | gnd |
| 10.3375       | 22.46         | 60.00         | 37.54       | N     | gnd |
| 21.10312      | 36.82         | 60.00         | 23.18       | N     | gnd |
| 25.37265      | 35.65         | 60.00         | 24.35       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18125       | 28.49         | 54.43         | 25.94       | N     | gnd |
| 0.36484       | 15.91         | 48.62         | 32.71       | N     | gnd |
| 1.15          | 23.39         | 46.00         | 22.61       | N     | gnd |
| 10.3375       | 17.36         | 50.00         | 32.64       | N     | gnd |
| 21.10312      | 27.63         | 50.00         | 22.37       | N     | gnd |
| 25.37265      | 27.54         | 50.00         | 22.46       | N     | gnd |

## 802.11ac HT80, Channel No.: 58, L Line



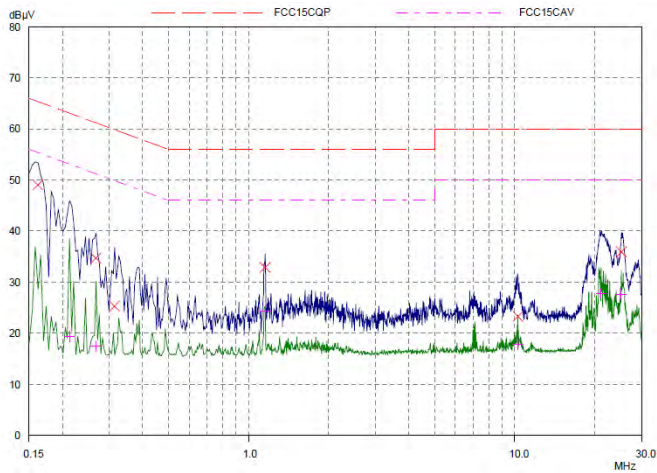
## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18125       | 46.98         | 64.43         | 17.45       | L1    | gnd |
| 0.19687       | 43.22         | 63.74         | 20.52       | L1    | gnd |
| 1.1539        | 33.32         | 56.00         | 22.68       | L1    | gnd |
| 10.2789       | 23.84         | 60.00         | 36.16       | L1    | gnd |
| 21.28281      | 36.11         | 60.00         | 23.89       | L1    | gnd |
| 25.36875      | 34.83         | 60.00         | 25.17       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18125       | 29.12         | 54.43         | 25.31       | L1    | gnd |
| 0.23593       | 21.26         | 52.24         | 30.98       | L1    | gnd |
| 1.1539        | 24.92         | 46.00         | 21.08       | L1    | gnd |
| 10.2789       | 18.82         | 50.00         | 31.18       | L1    | gnd |
| 21.22031      | 27.21         | 50.00         | 22.79       | L1    | gnd |
| 25.36875      | 27.42         | 50.00         | 22.58       | L1    | gnd |



## 802.11ac HT80, Channel No.: 58, N Line

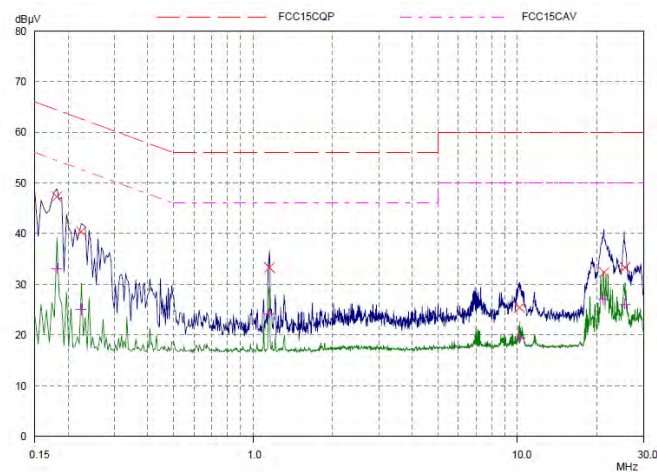


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.16171          | 49.01            | 65.38            | 16.37          | N          | gnd     |
| 0.26718          | 34.69            | 61.21            | 26.52          | N          | gnd     |
| 0.31406          | 25.27            | 59.86            | 34.59          | N          | gnd     |
| 1.1539           | 32.88            | 56.00            | 23.12          | N          | gnd     |
| 10.2789          | 23.28            | 60.00            | 36.72          | N          | gnd     |
| 25.19296         | 35.92            | 60.00            | 24.08          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.2125           | 19.36            | 53.11            | 33.75          | N          | gnd     |
| 0.26718          | 17.44            | 51.21            | 33.77          | N          | gnd     |
| 1.1539           | 24.39            | 46.00            | 21.61          | N          | gnd     |
| 10.2789          | 17.85            | 50.00            | 32.15          | N          | gnd     |
| 21.10312         | 27.86            | 50.00            | 22.14          | N          | gnd     |
| 25.19296         | 27.66            | 50.00            | 22.34          | N          | gnd     |

## 802.11ac HT80, Channel No.: 106, L Line

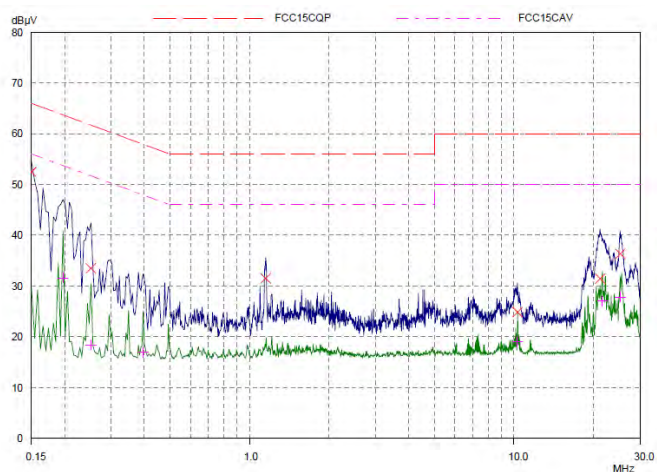


## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.18125          | 47.28            | 64.43            | 17.15          | L1         | gnd     |
| 0.22421          | 40.43            | 62.66            | 22.23          | L1         | gnd     |
| 1.1539           | 33.28            | 56.00            | 22.72          | L1         | gnd     |
| 10.19687         | 25.40            | 60.00            | 34.60          | L1         | gnd     |
| 21.25546         | 32.37            | 60.00            | 27.63          | L1         | gnd     |
| 25.48593         | 33.33            | 60.00            | 26.67          | L1         | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.18125          | 33.11            | 54.43            | 21.32          | L1         | gnd     |
| 0.22421          | 25.01            | 52.66            | 27.65          | L1         | gnd     |
| 1.15             | 24.23            | 46.00            | 21.77          | L1         | gnd     |
| 10.19687         | 19.42            | 50.00            | 30.58          | L1         | gnd     |
| 21.10312         | 27.07            | 50.00            | 22.93          | L1         | gnd     |
| 25.48593         | 26.12            | 50.00            | 23.88          | L1         | gnd     |

## 802.11ac HT80, Channel No.: 106, N Line



## Final Measurement Results

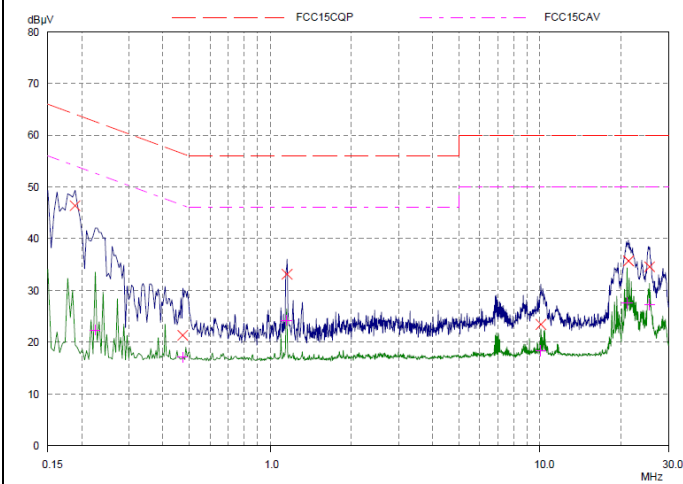
| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 52.44            | 66.00            | 13.56          | N          | gnd     |
| 0.25156          | 33.52            | 61.71            | 28.19          | N          | gnd     |
| 1.15             | 31.48            | 56.00            | 24.52          | N          | gnd     |
| 10.31406         | 24.84            | 60.00            | 35.16          | N          | gnd     |
| 21.16953         | 31.44            | 60.00            | 28.56          | N          | gnd     |
| 25.25156         | 36.34            | 60.00            | 23.66          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.19687          | 31.55            | 53.74            | 22.19          | N          | gnd     |
| 0.25156          | 18.45            | 51.71            | 33.26          | N          | gnd     |
| 0.39609          | 16.95            | 47.93            | 30.98          | N          | gnd     |
| 10.31406         | 19.05            | 50.00            | 30.95          | N          | gnd     |
| 21.57578         | 27.05            | 50.00            | 22.95          | N          | gnd     |
| 25.25156         | 27.78            | 50.00            | 22.22          | N          | gnd     |





## 802.11ac HT80, Channel No.: 138, L Line

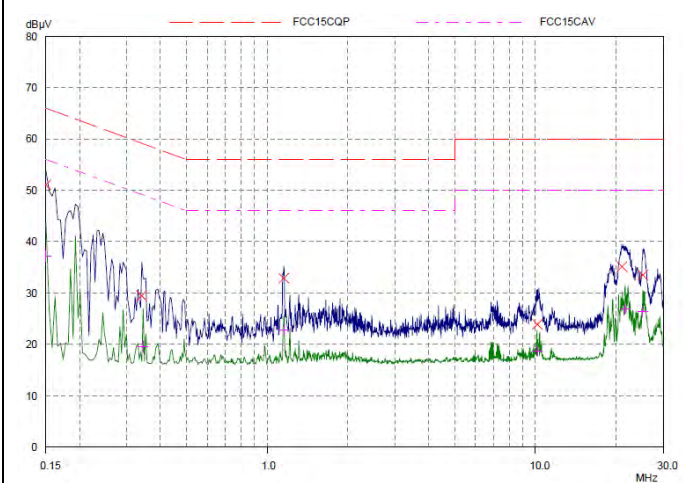


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.18906       | 46.35         | 64.08         | 17.73       | L1      | gnd  |
| 0.47421       | 21.33         | 56.44         | 35.11       | L1      | gnd  |
| 1.1539        | 33.14         | 56.00         | 22.86       | L1      | gnd  |
| 10.09531      | 23.44         | 60.00         | 36.56       | L1      | gnd  |
| 21.2789       | 35.69         | 60.00         | 24.31       | L1      | gnd  |
| 25.48984      | 34.57         | 60.00         | 25.43       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.22421       | 22.39         | 52.66         | 30.27       | L1      | gnd  |
| 0.47421       | 17.08         | 46.44         | 29.36       | L1      | gnd  |
| 1.15          | 24.23         | 46.00         | 21.77       | L1      | gnd  |
| 10.09531      | 18.35         | 50.00         | 31.65       | L1      | gnd  |
| 21.04453      | 27.62         | 50.00         | 22.38       | L1      | gnd  |
| 25.48984      | 27.24         | 50.00         | 22.76       | L1      | gnd  |

## 802.11ac HT80, Channel No.: 138, N Line

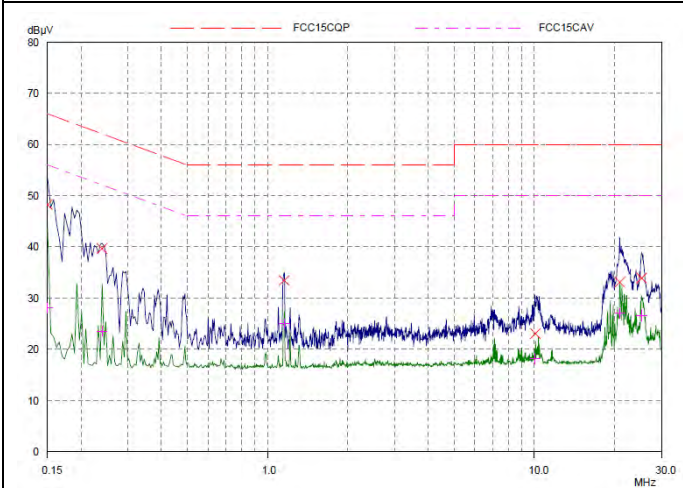


## Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 51.10         | 66.00         | 14.90       | N       | gnd  |
| 0.3414        | 29.47         | 59.17         | 29.70       | N       | gnd  |
| 1.1539        | 32.90         | 56.00         | 23.10       | N       | gnd  |
| 10.16171      | 23.90         | 60.00         | 36.10       | N       | gnd  |
| 21.04062      | 35.13         | 60.00         | 24.87       | N       | gnd  |
| 25.16171      | 33.51         | 60.00         | 26.49       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 37.18         | 56.00         | 18.82       | N       | gnd  |
| 0.34531       | 19.60         | 49.07         | 29.47       | N       | gnd  |
| 1.15781       | 22.84         | 46.00         | 23.16       | N       | gnd  |
| 10.16171      | 18.74         | 50.00         | 31.26       | N       | gnd  |
| 21.57578      | 26.85         | 50.00         | 23.15       | N       | gnd  |
| 25.16171      | 26.30         | 50.00         | 23.70       | N       | gnd  |

## 802.11ac HT80, Channel No.: 155, L Line



## Final Measurement Results

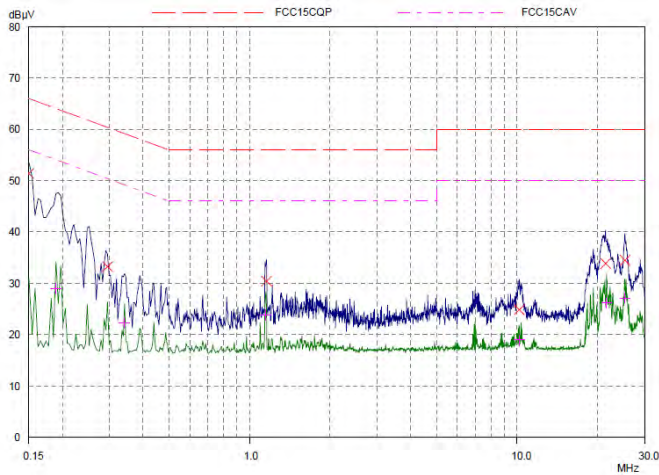
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 48.26         | 66.00         | 17.74       | L1      | gnd  |
| 0.23984       | 39.64         | 62.10         | 22.46       | L1      | gnd  |
| 1.1539        | 33.46         | 56.00         | 22.54       | L1      | gnd  |
| 10.09531      | 23.06         | 60.00         | 36.94       | L1      | gnd  |
| 20.89609      | 33.12         | 60.00         | 26.88       | L1      | gnd  |
| 25.22031      | 33.88         | 60.00         | 26.12       | L1      | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.15          | 28.05         | 56.00         | 27.95       | L1      | gnd  |
| 0.23984       | 23.51         | 52.10         | 28.59       | L1      | gnd  |
| 1.1539        | 24.92         | 46.00         | 21.08       | L1      | gnd  |
| 10.09531      | 18.18         | 50.00         | 31.82       | L1      | gnd  |
| 20.92734      | 26.99         | 50.00         | 23.01       | L1      | gnd  |
| 25.22031      | 26.53         | 50.00         | 23.47       | L1      | gnd  |





## 802.11ac HT80, Channel No.: 155, N Line



## Final Measurement Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 51.38            | 66.00            | 14.62          | N          | gnd     |
| 0.29453          | 33.24            | 60.40            | 27.16          | N          | gnd     |
| 1.15781          | 30.44            | 56.00            | 25.56          | N          | gnd     |
| 10.19296         | 24.84            | 60.00            | 35.16          | N          | gnd     |
| 21.42734         | 33.85            | 60.00            | 26.15          | N          | gnd     |
| 25.28281         | 34.48            | 60.00            | 25.52          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.18906          | 28.97            | 54.08            | 25.11          | N          | gnd     |
| 0.3414           | 22.25            | 49.17            | 26.92          | N          | gnd     |
| 1.15             | 23.82            | 46.00            | 22.18          | N          | gnd     |
| 10.19296         | 18.97            | 50.00            | 31.03          | N          | gnd     |
| 21.57968         | 26.17            | 50.00            | 23.83          | N          | gnd     |
| 25.28281         | 27.15            | 50.00            | 22.85          | N          | gnd     |



## 6. Main Test Instruments

| Name                                 | Type      | Manufacturer | Serial Number | Calibration Date | Expiration Time |
|--------------------------------------|-----------|--------------|---------------|------------------|-----------------|
| Spectrum Analyzer                    | FSV30     | R&S          | 100815        | 2015-12-17       | 2016-12-16      |
| EMI Test Receiver                    | ESCI      | R&S          | 100948        | 2016-06-01       | 2017-05-31      |
| Loop Antenna                         | FMZB1519  | SCHWARZBECK  | 1519-047      | 2014-02-29       | 2017-02-28      |
| TRILOG Broadband Antenna             | VULB 9163 | Schwarzbeck  | 9163-201      | 2014-12-06       | 2017-12-05      |
| Double Ridged Waveguide Horn Antenna | HF907     | R&S          | 100126        | 2014-12-06       | 2017-12-05      |
| Standard Gain Horn                   | 3160-09   | ETS-Lindgren | 00102644      | 2015-01-30       | 2018-01-29      |
| Broadband Horn Antenna               | BBHA9170  | Schwarzbeck  | MRTSUE06024   | 2013-11-25       | 2016-11-24      |
| EMI Test Receiver                    | ESCS30    | R&S          | 100138        | 2015-12-17       | 2016-12-16      |
| LISN                                 | ENV216    | R&S          | 101171        | 2013-12-18       | 2016-12-17      |
| Spectrum Analyzer                    | N9010A    | Agilent      | MY47191109    | 2016-05-21       | 2017-05-20      |
| MOB COMMS DC SUPPLY                  | 66319D    | Agilent      | MY43004105    | 2016-05-21       | 2017-05-20      |
| Peak Power Meter                     | U2021XA   | Keysight     | MY55240003    | 2016-06-26       | 2017-06-25      |
| RF Cable                             | SMA 15cm  | Agilent      | 0001          | 2016-06-06       | 2016-12-05      |

\*\*\*\*\*END OF REPORT \*\*\*\*\*

## ANNEX A: EUT Appearance and Test Setup

### A.1 EUT Appearance



Front Side



Back Side

Picture 1 EUT



## A.2 Test Setup



30MHz-1GHz



Above 1GHz

**Picture 2 Radiated Emission Test Setup**



Picture 3 Conducted Emission Test Setup