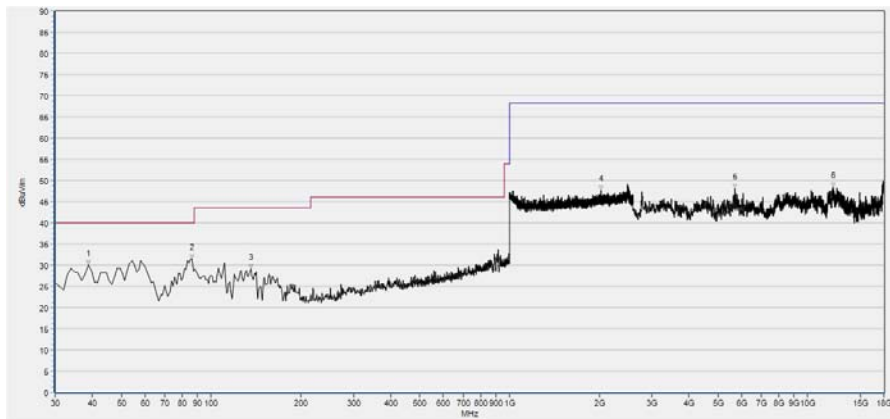


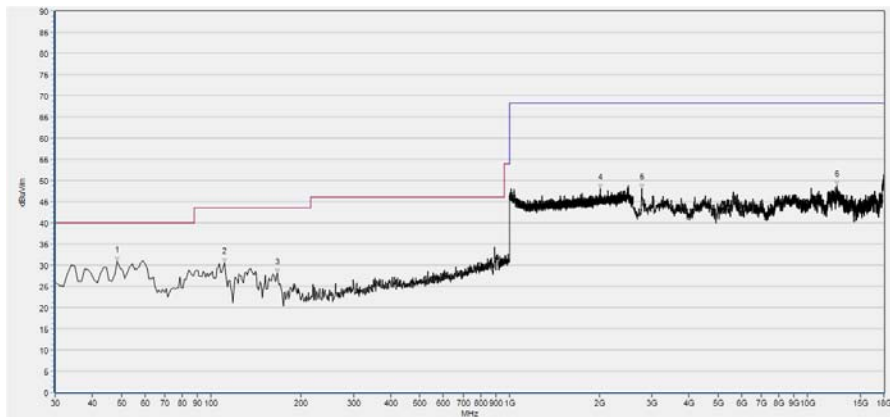
**802.11n (HT40) Test mode**

Plots for Channel = 38



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 38.739        | 30.07          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 86.316        | 31.34          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 135.836       | 29.07          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2025.942      | 47.72          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5700.780      | 48.04          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12144.309     | 48.48          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

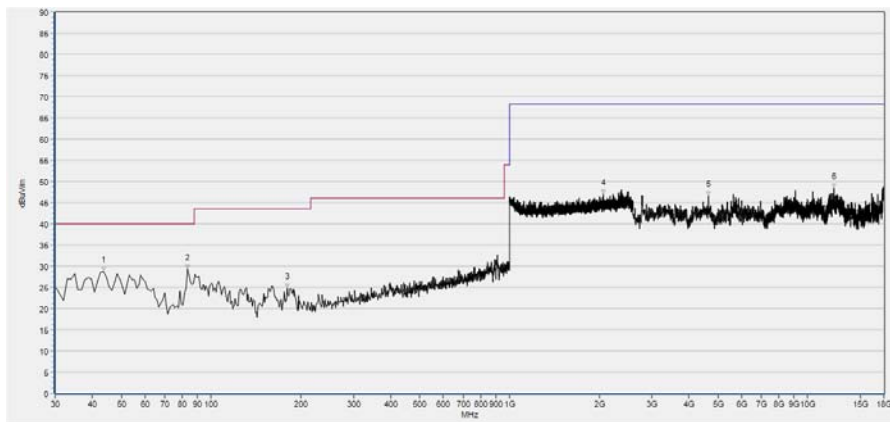


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 48.448        | 30.84          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 110.591       | 30.46          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 166.907       | 28.09          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 2020.073      | 48.11          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 2774.755      | 47.98          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 12529.666     | 48.68          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

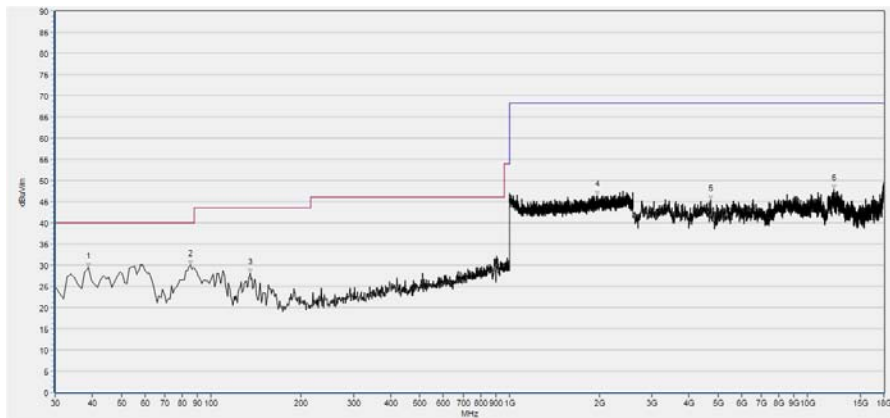


## Plot for Channel = 46



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 28.74          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 83.403        | 29.26          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 179.530       | 24.86          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2067.022      | 47.00          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4647.770      | 46.64          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 12238.408     | 48.42          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

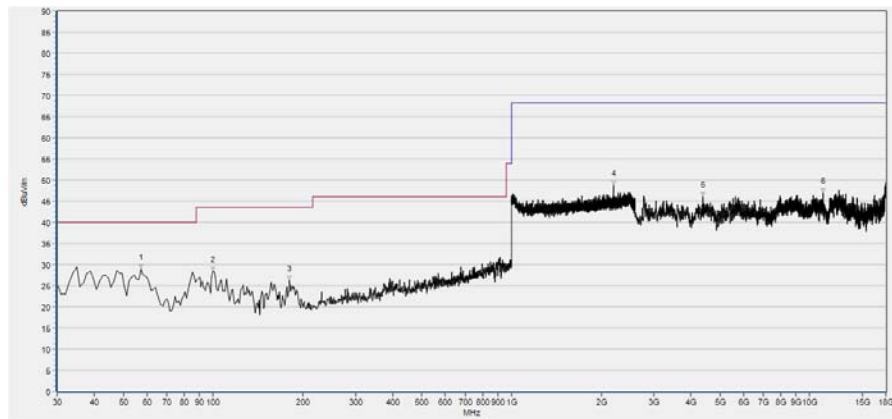
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 38.739        | 29.50          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 85.345        | 30.08          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 134.865       | 28.00          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 1972.591      | 46.45          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4723.945      | 45.41          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 12220.484     | 47.85          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

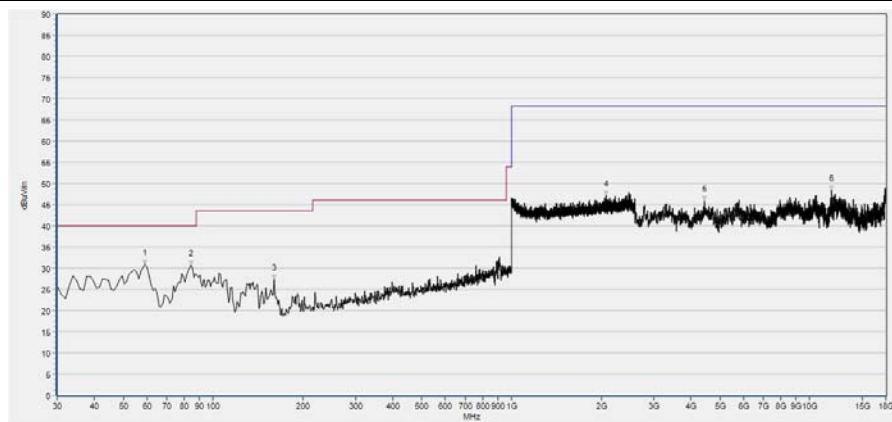
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 54



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 57.187        | 28.93          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 99.910        | 28.43          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 180.501       | 26.24          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2195.599      | 48.80          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4387.878      | 46.08          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 11082.336     | 46.88          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

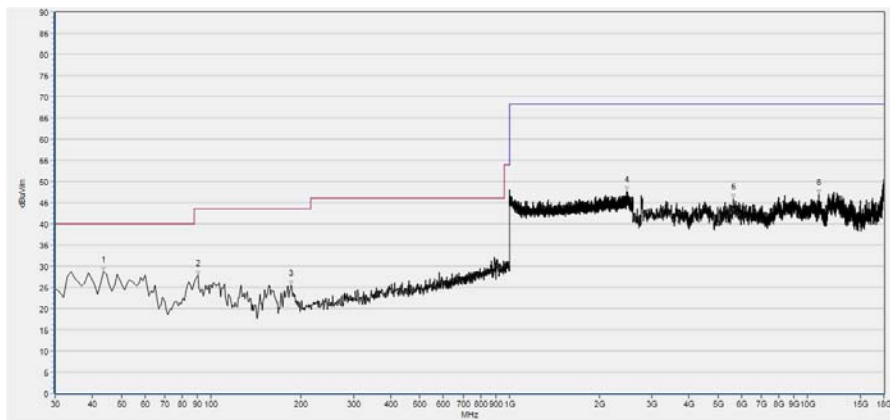


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 30.97          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 30.69          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 160.110       | 27.29          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 2071.824      | 47.12          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4446.129      | 45.84          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 11857.532     | 48.34          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

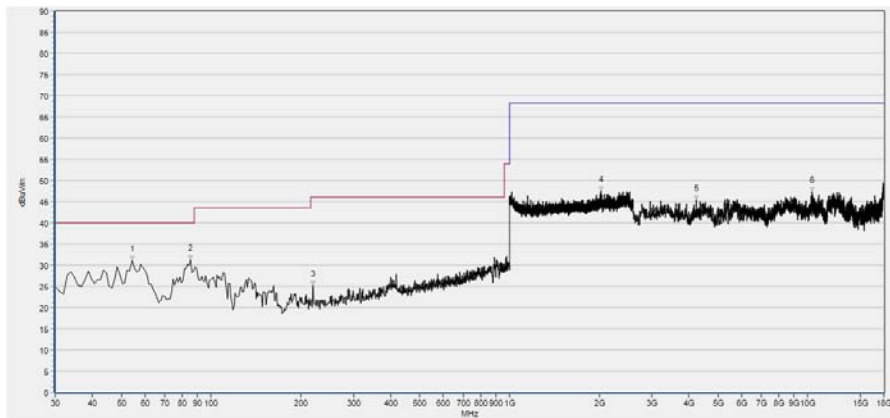


## Plot for Channel = 62



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 28.73          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 90.200        | 27.93          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 185.355       | 25.49          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2475.158      | 47.70          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5629.086      | 45.81          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10903.101     | 46.89          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

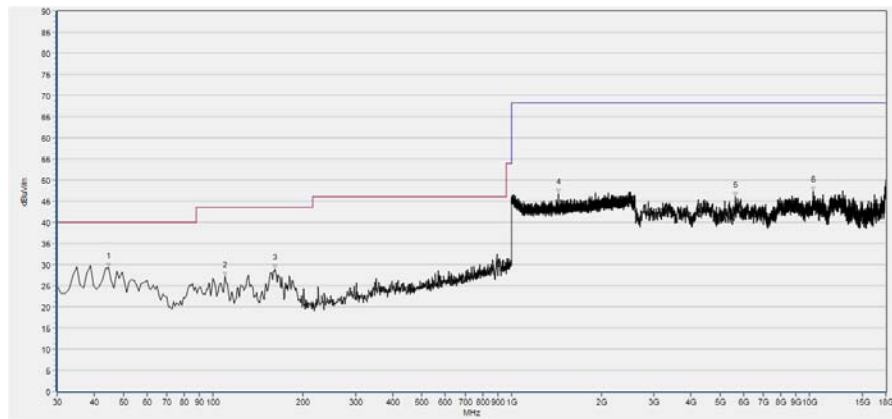


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 54.274        | 31.09          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 85.345        | 31.26          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 219.339       | 25.27          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2027.543      | 47.41          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4235.527      | 45.34          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 10347.469     | 47.30          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

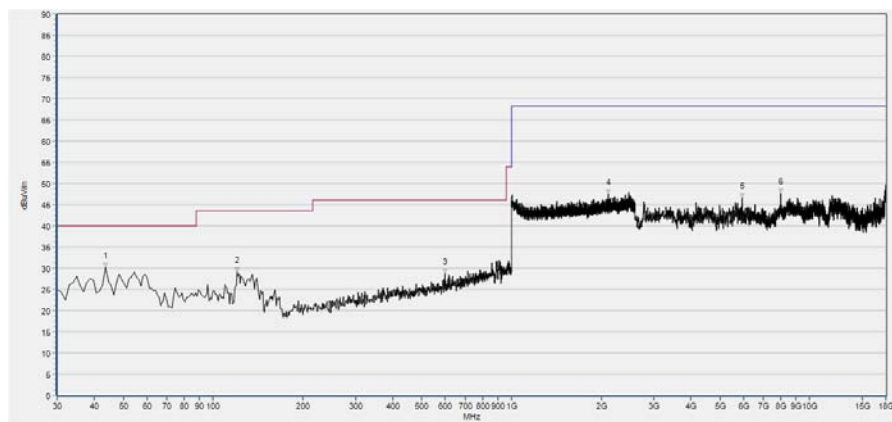


## Plots for Channel = 102



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 44.565        | 29.32          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 109.620       | 27.18          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 161.081       | 28.86          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1440.147      | 46.71          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5633.567      | 46.05          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10280.256     | 47.35          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

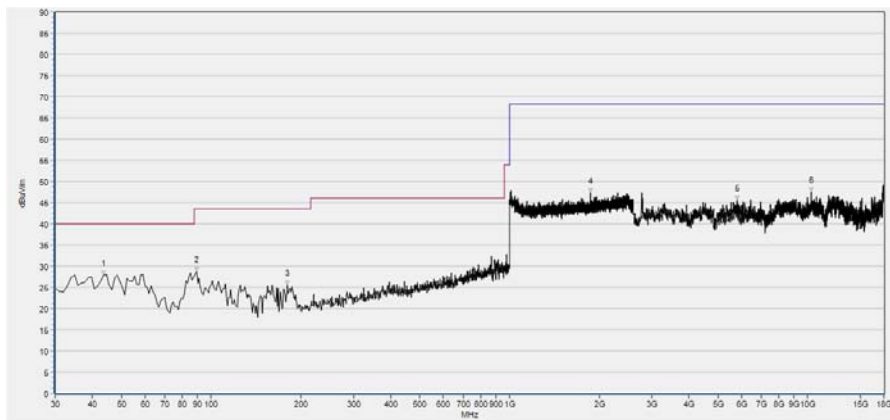


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 43.594        | 30.25          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 120.300       | 29.12          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 598.018       | 28.77          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2116.639      | 47.53          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5929.306      | 46.53          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 8012.923      | 47.65          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

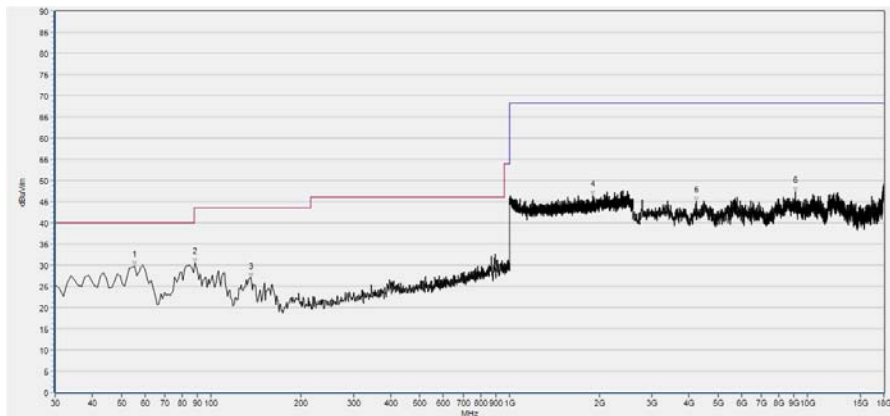


## Plot for Channel = 126



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 27.82          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 89.229        | 28.79          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 180.501       | 25.59          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1874.425      | 47.31          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5812.803      | 45.60          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10271.294     | 47.43          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

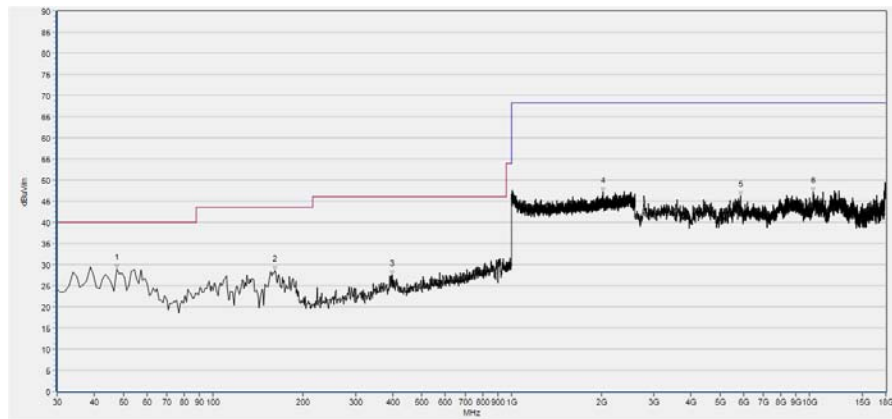
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 55.245        | 29.78          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 88.258        | 30.51          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 135.836       | 26.93          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 1906.969      | 46.42          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4226.565      | 44.94          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 9110.742      | 47.30          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

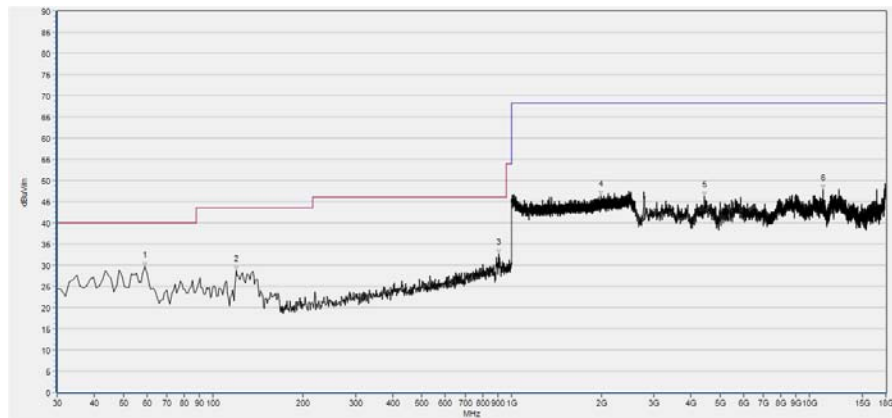
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 142



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 47.477        | 28.99          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 161.081       | 28.49          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 397.027       | 27.44          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 2025.408      | 47.21          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5875.535      | 46.28          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10257.852     | 47.07          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

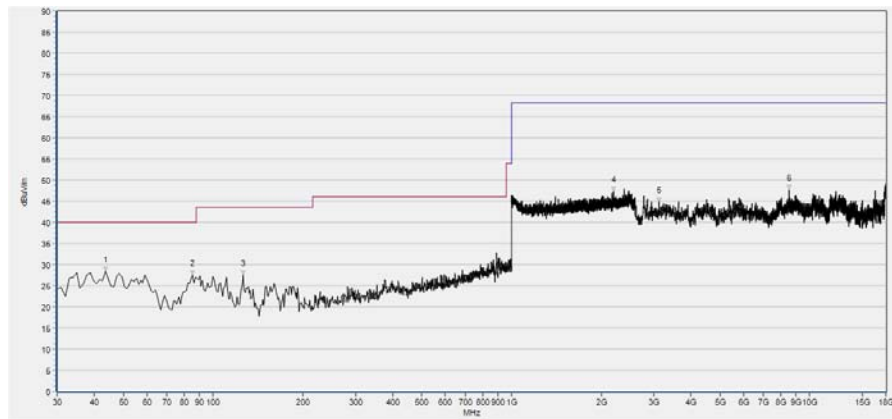
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 29.63          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 119.329       | 28.78          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 908.729       | 32.62          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1990.197      | 46.46          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4441.648      | 46.22          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 11059.932     | 47.81          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

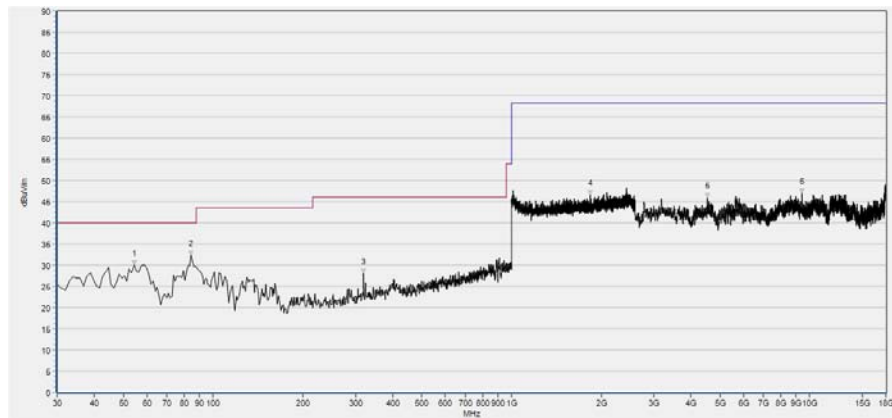
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 151



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 28.39          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 85.345        | 27.54          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 126.126       | 27.51          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2204.668      | 47.34          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 3128.746      | 44.87          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 8519.264      | 47.75          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

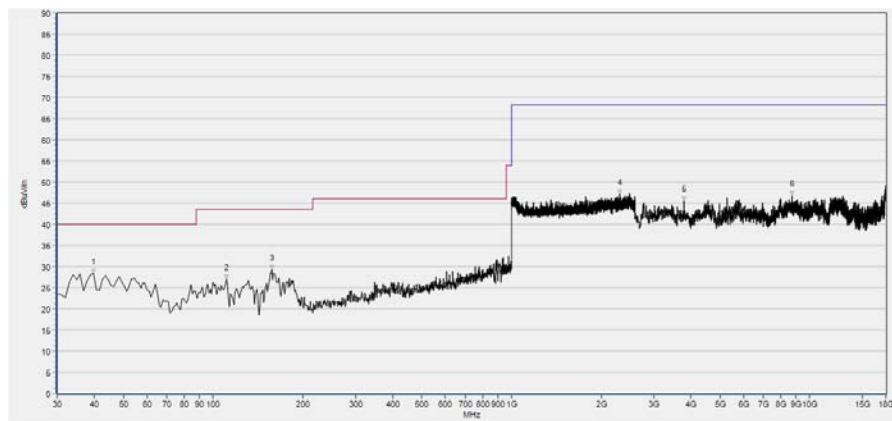
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 54.274        | 30.00          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 32.40          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 319.349       | 27.97          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1838.680      | 46.54          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4531.266      | 45.81          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 9442.328      | 46.97          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

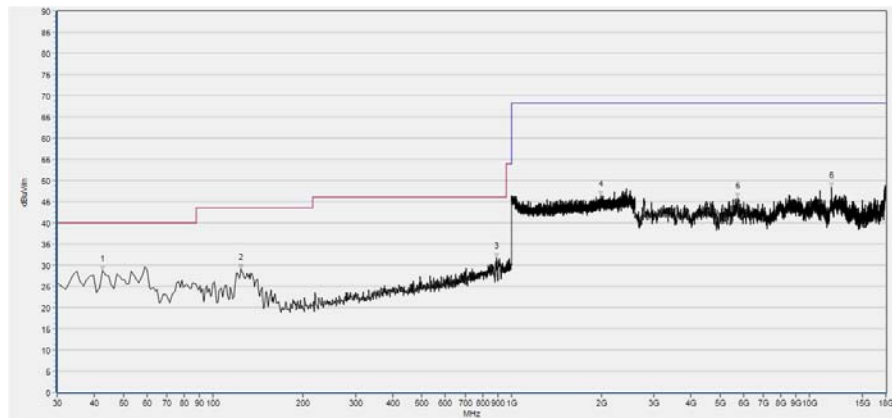
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 159



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 39.710        | 28.32          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 110.591       | 27.05          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 157.197       | 29.30          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2309.770      | 47.18          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 3782.957      | 45.56          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 8738.828      | 46.78          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

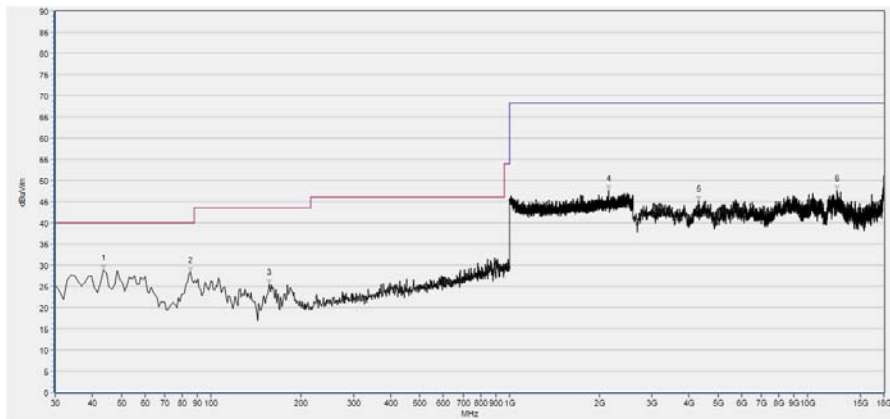


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 42.623        | 28.79          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 124.184       | 29.13          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 893.193       | 31.80          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1993.931      | 46.47          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5718.704      | 45.89          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 11857.532     | 48.45          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

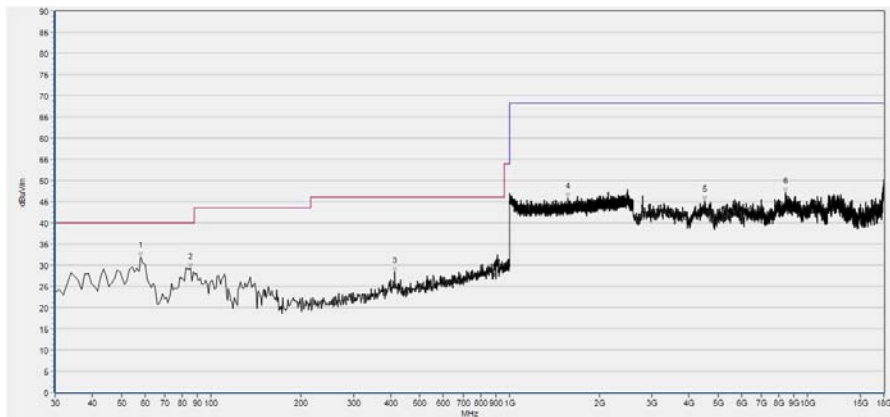
**802.11ac (VHT20) Test mode**

Plots for Channel = 36



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 28.91          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 85.345        | 28.34          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 156.226       | 25.58          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2148.116      | 47.64          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4302.741      | 45.26          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 12534.147     | 47.61          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

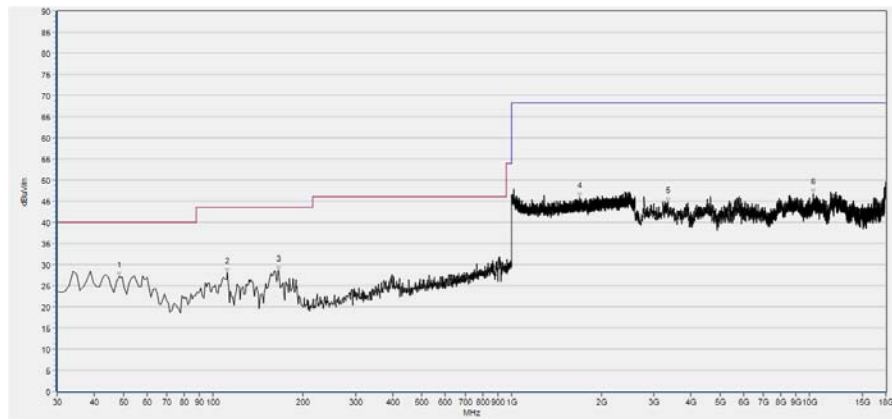
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 58.158        | 31.94          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 85.345        | 29.31          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 413.534       | 28.42          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1570.323      | 45.89          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4526.785      | 45.24          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 8420.684      | 47.08          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

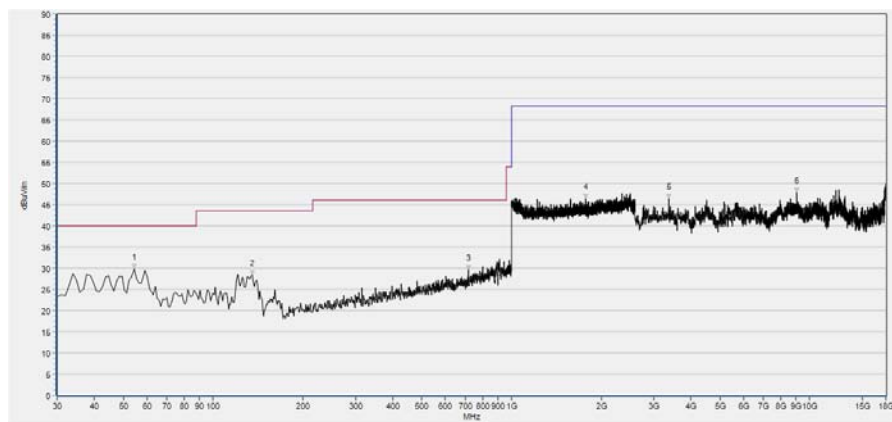
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 44



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 48.448        | 27.21          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 111.562       | 28.01          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 165.936       | 28.62          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1693.031      | 45.97          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 3343.829      | 44.89          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10280.256     | 46.71          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

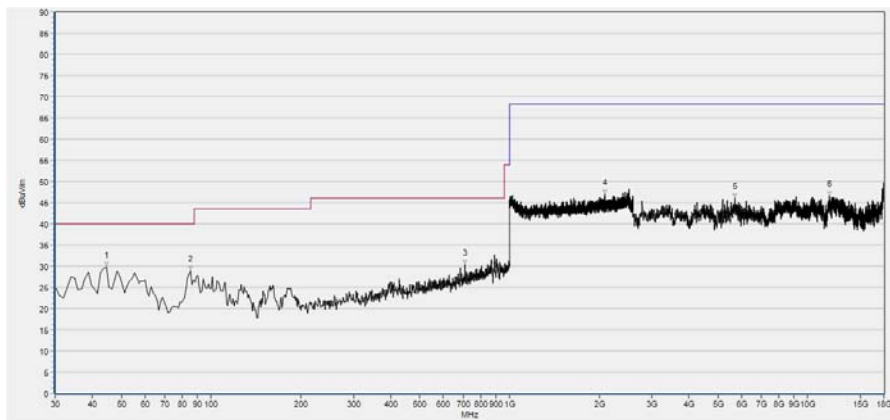


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 54.274        | 29.75          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 134.865       | 28.32          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 716.476       | 29.57          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1771.991      | 46.40          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 3375.195      | 46.37          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 9065.933      | 47.88          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

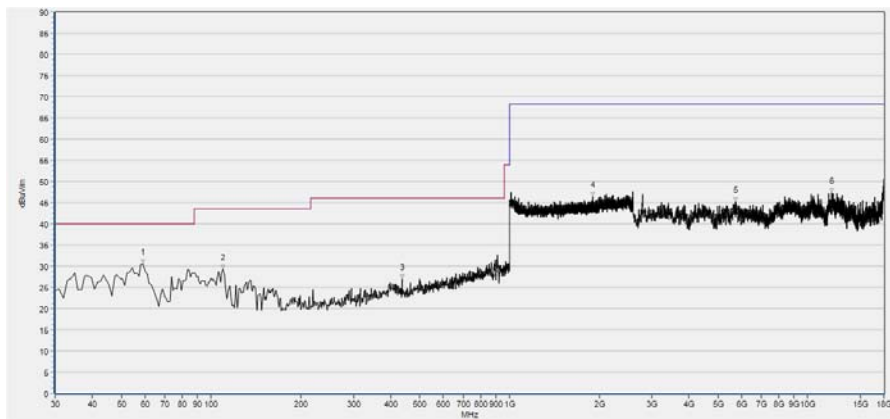


## Plot for Channel = 48



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 44.565        | 29.83          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 85.345        | 28.90          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 710.651       | 30.39          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 2085.162      | 46.97          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5709.742      | 46.09          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 11848.570     | 46.54          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

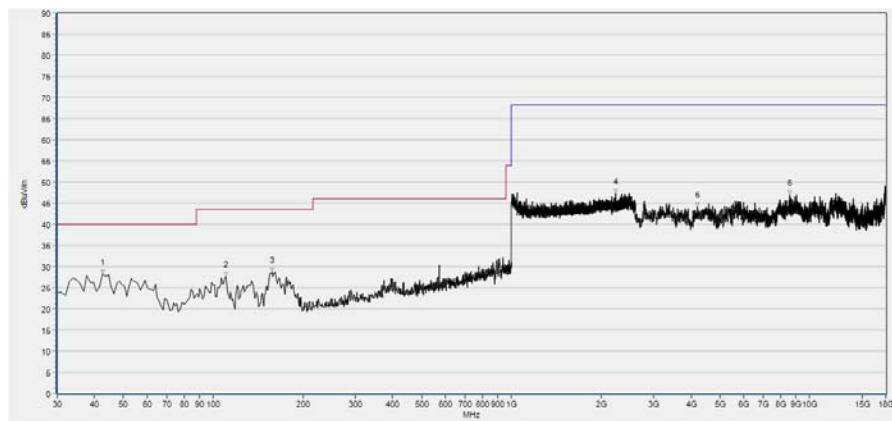


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 30.60          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 109.620       | 29.36          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 435.866       | 27.00          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1897.899      | 46.37          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5718.704      | 45.18          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12059.172     | 47.30          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

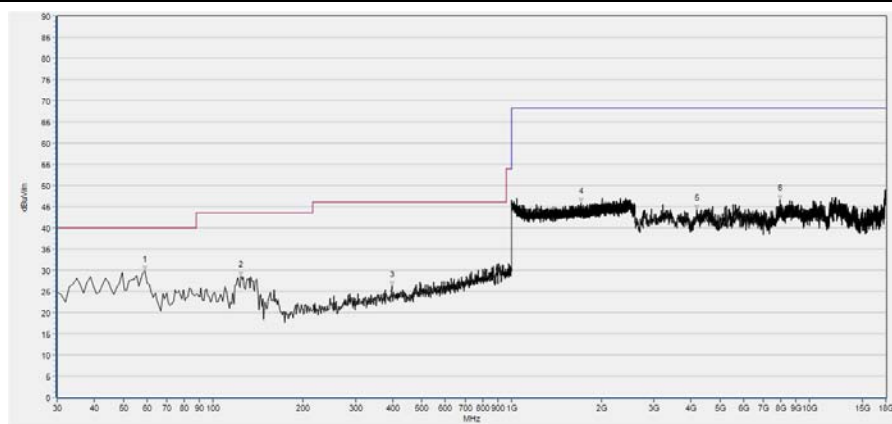


## Plots for Channel = 52



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 42.623        | 28.26          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 110.591       | 27.64          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 157.197       | 28.79          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2237.212      | 47.35          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4204.161      | 44.10          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 8573.035      | 46.89          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

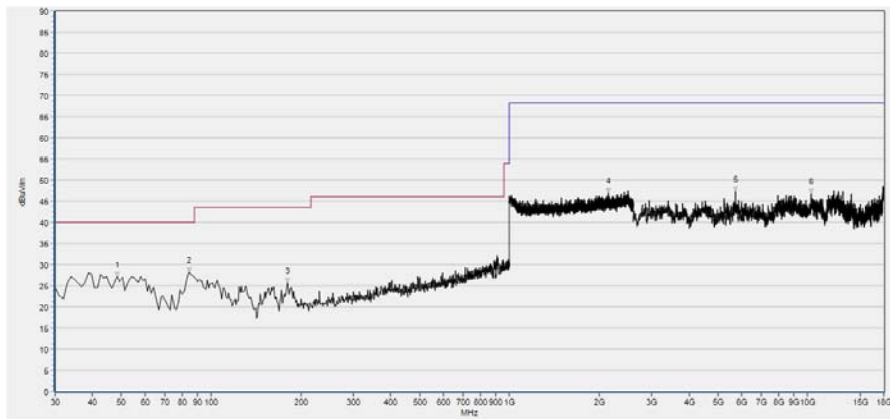
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 29.81          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 124.184       | 28.54          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 397.027       | 26.17          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1707.969      | 45.91          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4172.795      | 44.26          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 7950.190      | 46.68          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

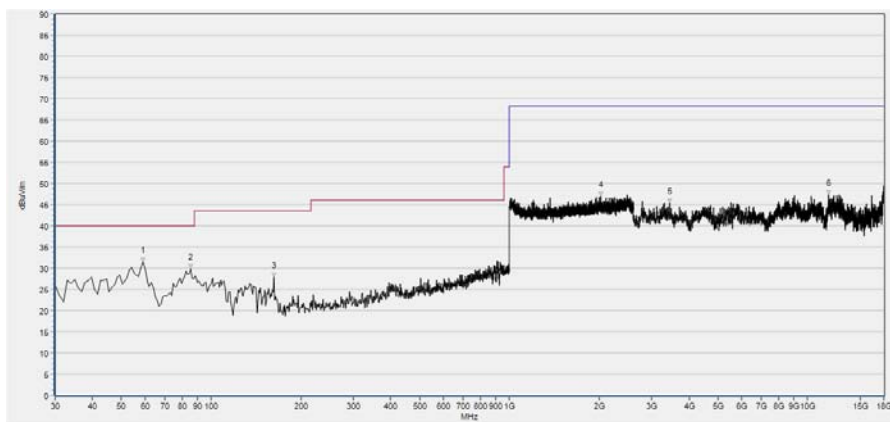
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 60



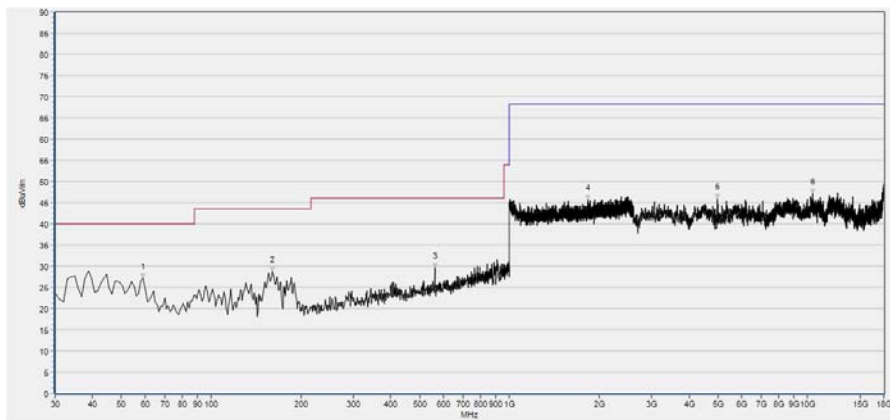
| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 48.448        | 27.23          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 84.374        | 28.13          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 180.501       | 25.74          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2149.717      | 46.93          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5718.704      | 47.38          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10266.813     | 46.73          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



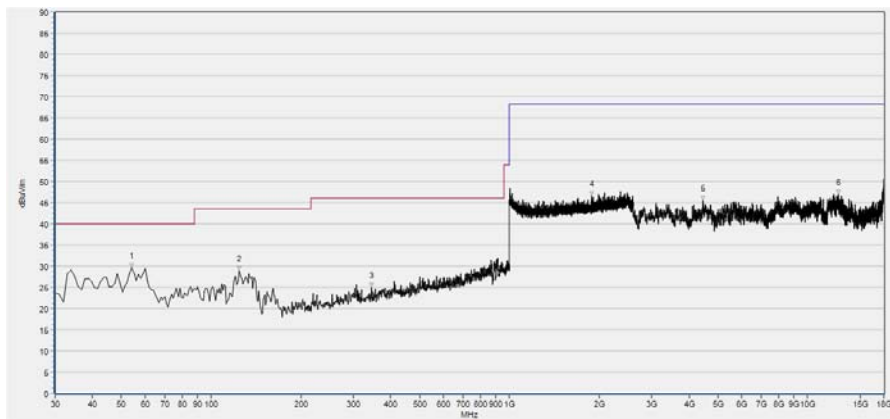
| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 31.38          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 85.345        | 29.75          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 162.052       | 27.77          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 2020.073      | 46.93          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 3446.889      | 45.42          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 11772.394     | 47.40          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel = 64

| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 59.129        | 27.17          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 160.110       | 28.71          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 562.092       | 29.66          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 1832.811      | 45.77          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4988.318      | 45.82          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 10392.278     | 47.13          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

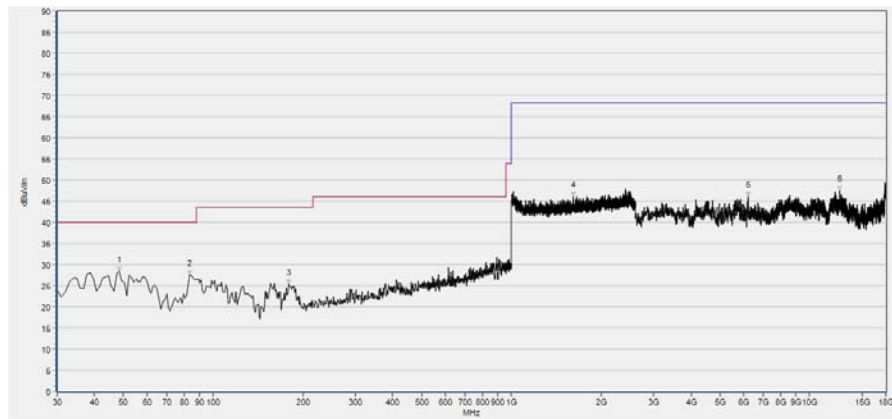
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 54.274        | 29.64          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 124.184       | 28.85          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 344.595       | 24.92          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1889.363      | 46.52          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4455.091      | 45.50          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12641.688     | 46.91          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

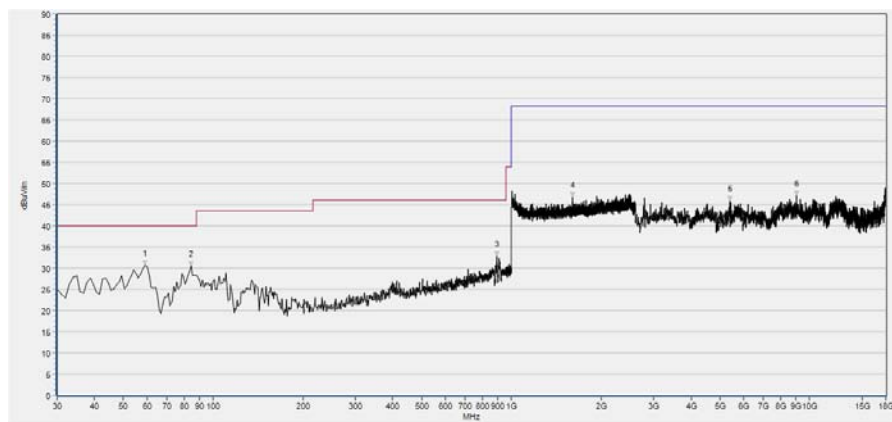
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 100



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 48.448        | 28.47          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 83.403        | 27.52          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 179.530       | 25.29          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1612.471      | 45.99          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 6216.083      | 46.15          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12610.322     | 47.45          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

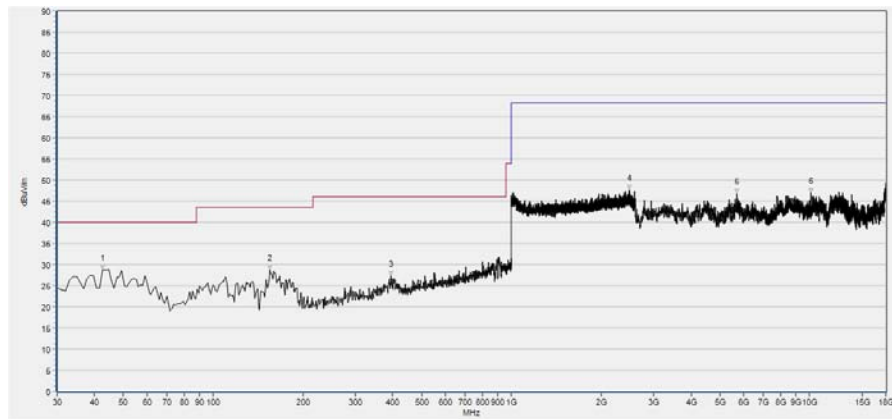


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 30.68          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 30.48          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 892.222       | 32.78          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1606.069      | 46.72          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 5387.117      | 45.97          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 9016.643      | 47.22          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

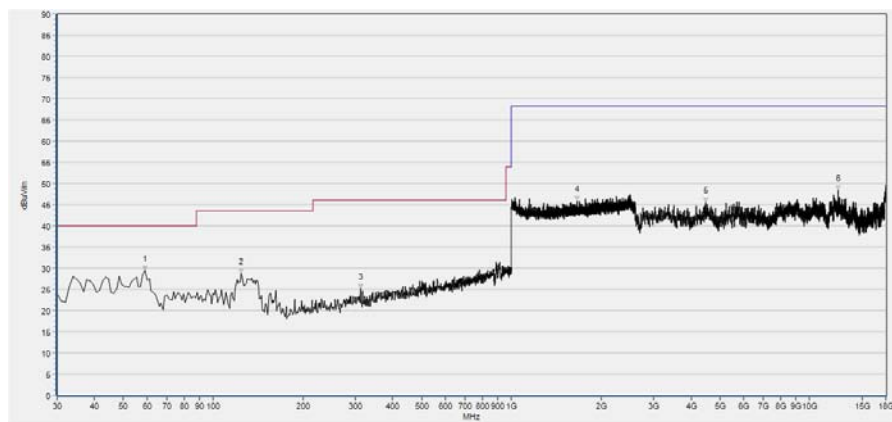


## Plots for Channel = 120



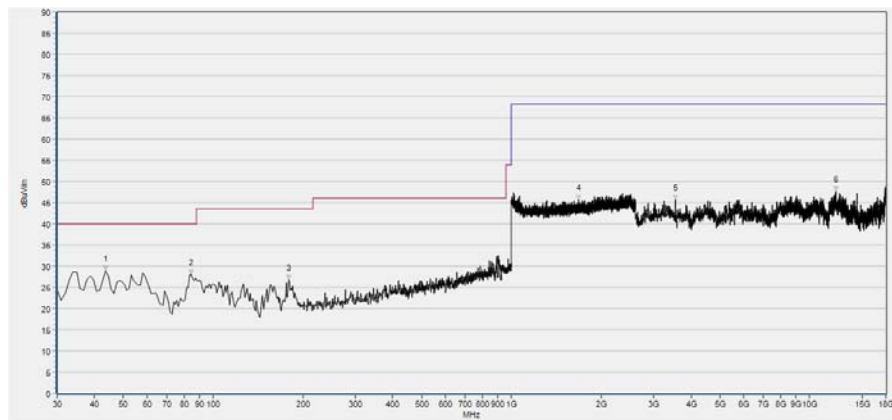
| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 42.623        | 28.79          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 155.255       | 28.67          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 395.085       | 27.33          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 2481.561      | 47.66          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5709.742      | 46.80          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10118.944     | 47.01          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



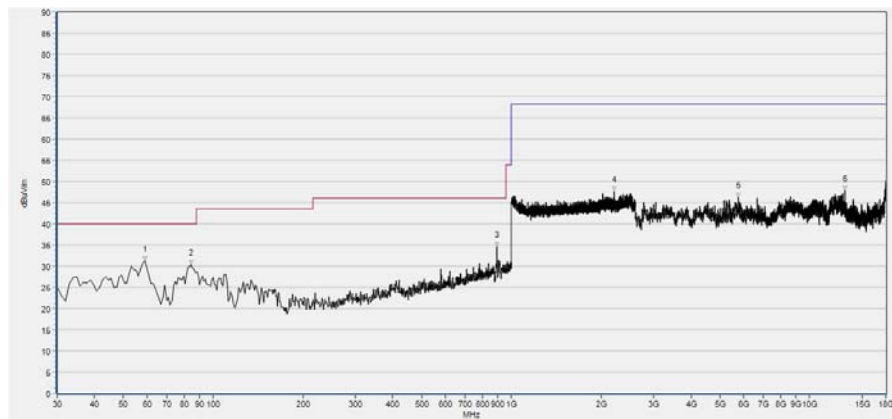
| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 29.47          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 124.184       | 28.77          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 311.582       | 25.23          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1661.554      | 45.97          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4477.495      | 45.59          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12489.338     | 48.45          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel = 142

| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 28.96          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 84.374        | 28.02          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 179.530       | 26.71          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1680.760      | 45.68          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 3540.988      | 45.80          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12242.889     | 47.66          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

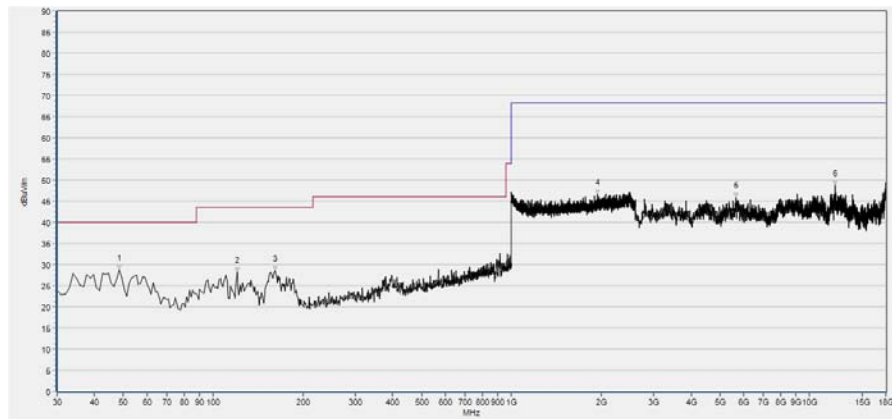
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 31.22          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 30.42          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 895.135       | 34.72          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2210.537      | 47.62          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5776.955      | 46.22          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 13156.991     | 47.91          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

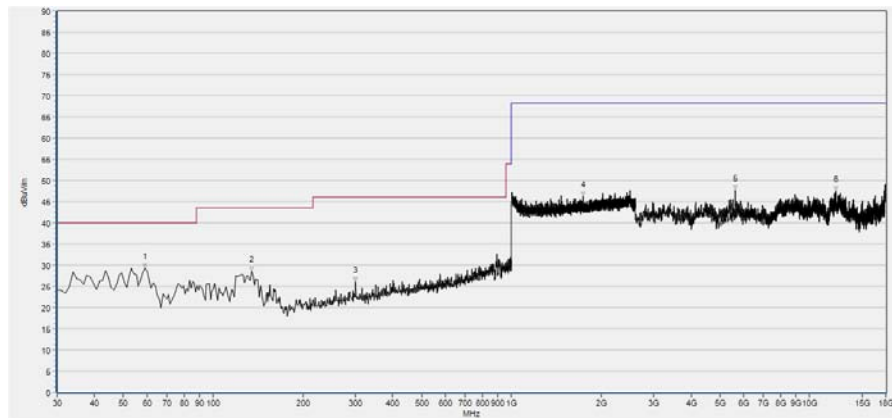
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 149



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 48.448        | 28.70          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 120.300       | 28.24          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 161.081       | 28.48          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1948.049      | 46.63          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5651.490      | 45.89          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12157.752     | 48.69          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

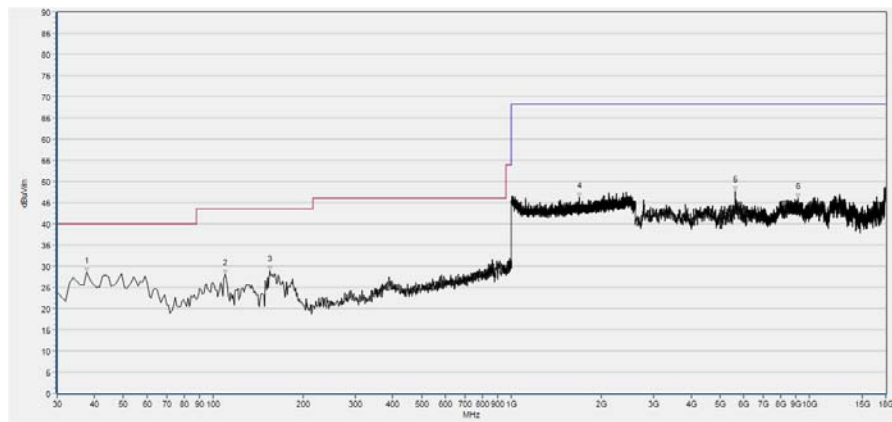
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 29.29          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 134.865       | 28.55          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 299.930       | 26.05          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1740.514      | 46.20          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5633.567      | 47.70          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12229.446     | 47.54          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

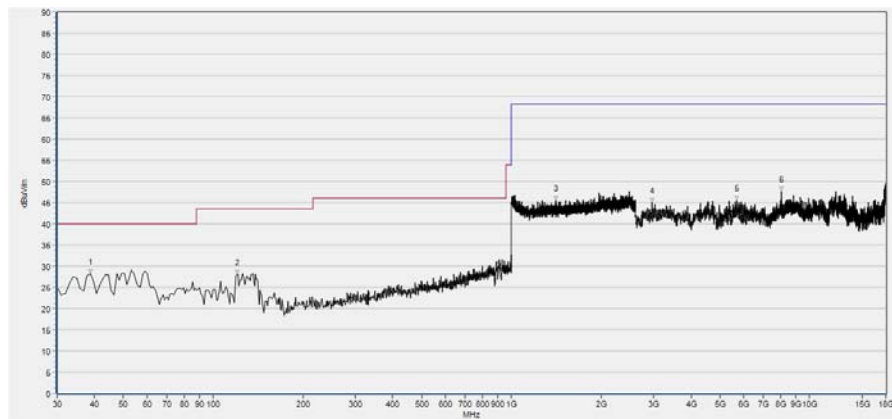
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 157



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 37.768        | 28.59          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 109.620       | 28.00          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 155.255       | 28.92          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1689.830      | 46.34          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 5633.567      | 47.63          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 9128.666      | 46.14          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

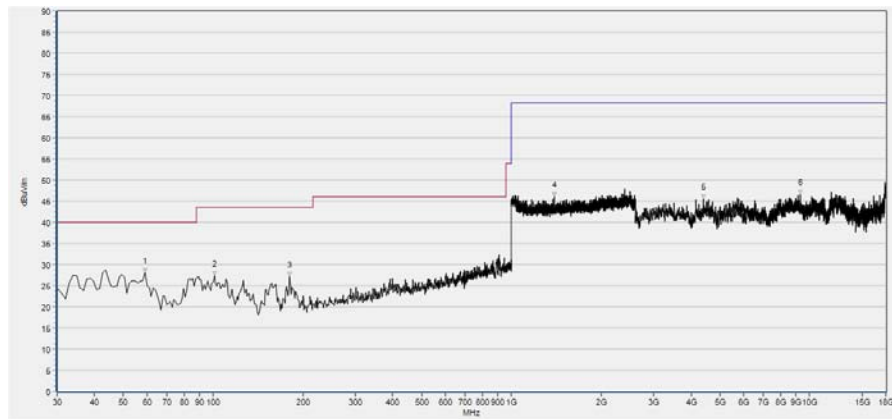
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 38.739        | 28.20          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 120.300       | 28.05          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 1405.468      | 45.51          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 2958.472      | 44.96          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5709.742      | 45.55          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 8026.365      | 47.60          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

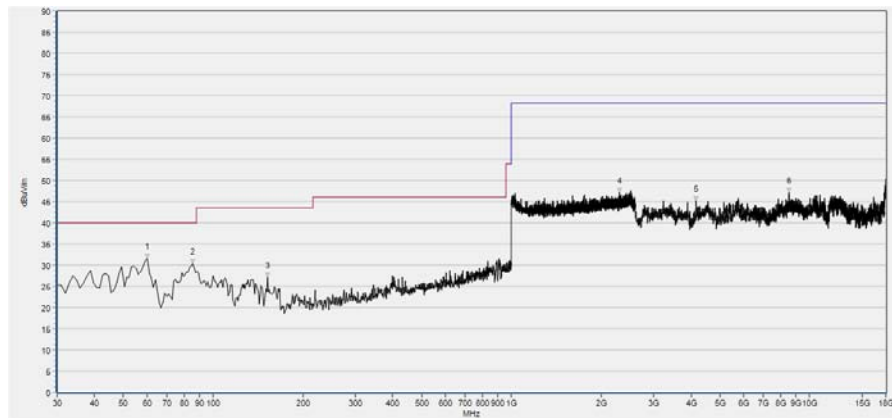
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 165



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 59.129        | 27.95          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 100.881       | 27.32          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 180.501       | 27.22          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1395.332      | 46.16          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 4392.358      | 45.57          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 9321.344      | 46.54          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

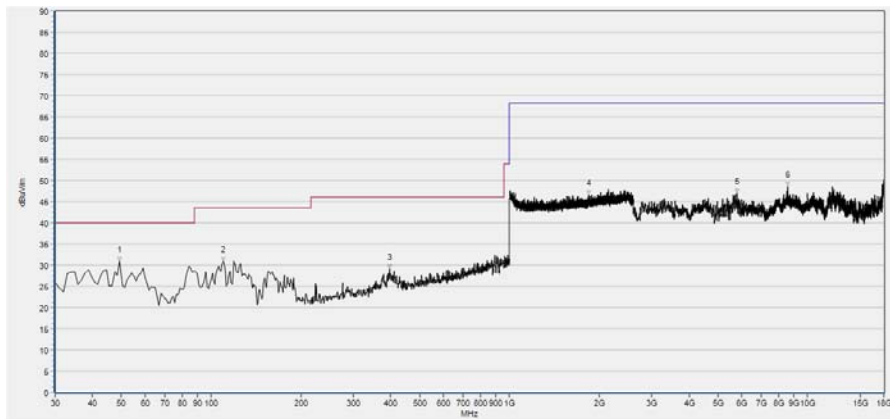


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 60.100        | 31.66          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 85.345        | 30.31          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 152.342       | 27.12          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 2307.636      | 47.08          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4163.833      | 45.18          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 8501.340      | 47.07          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

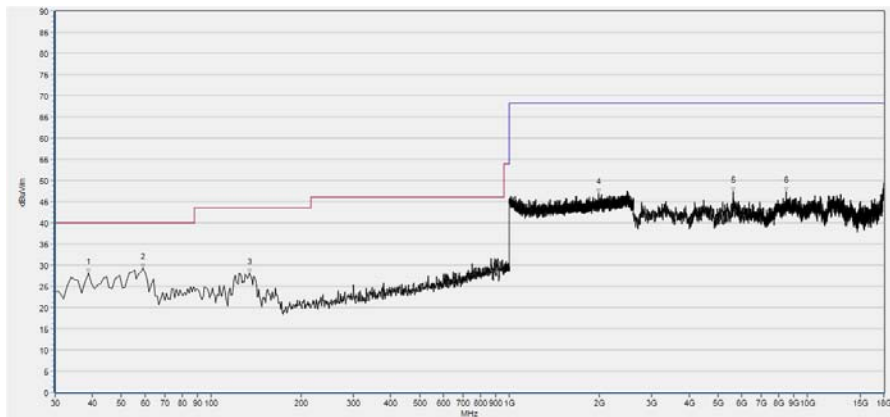
**802.11ac (VHT40) Test mode**

Plots for Channel = 38



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 49.419        | 30.83          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 109.620       | 30.81          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 396.056       | 29.10          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 1839.747      | 46.61          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5799.360      | 46.90          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 8577.516      | 48.57          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

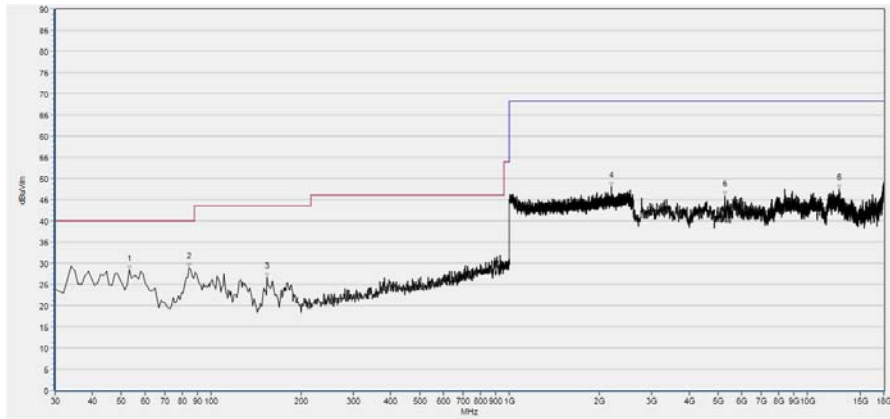
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 38.739        | 28.09          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 59.129        | 29.26          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 134.865       | 27.97          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 1993.398      | 46.98          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5624.605      | 47.37          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 8461.012      | 47.40          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

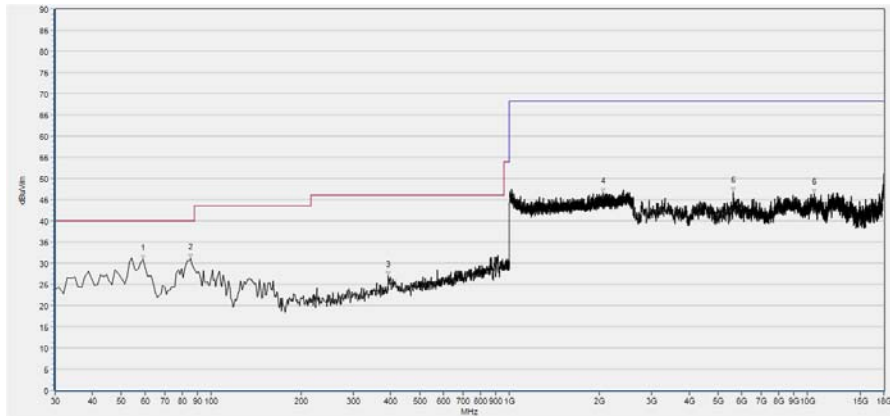
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 46



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 53.303        | 28.38          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 84.374        | 28.88          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 154.284       | 26.64          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2198.800      | 48.00          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5266.133      | 45.90          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12780.596     | 47.53          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

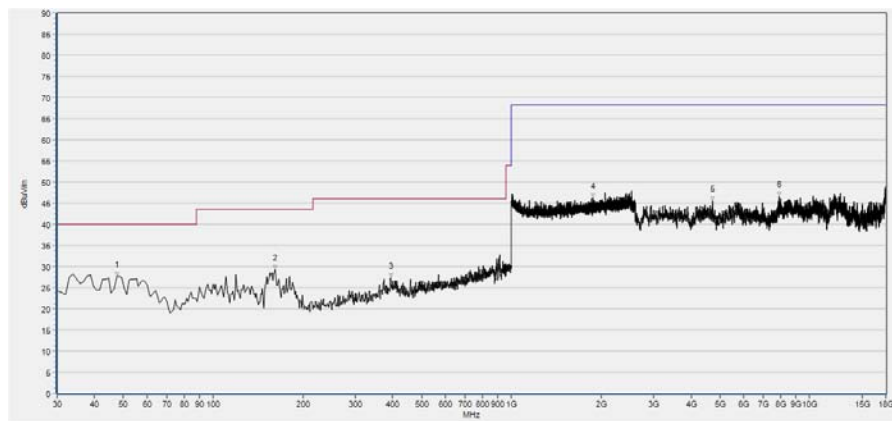


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 30.93          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 85.345        | 31.10          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 393.143       | 26.88          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2056.352      | 46.69          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5633.567      | 46.85          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 10522.224     | 46.49          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

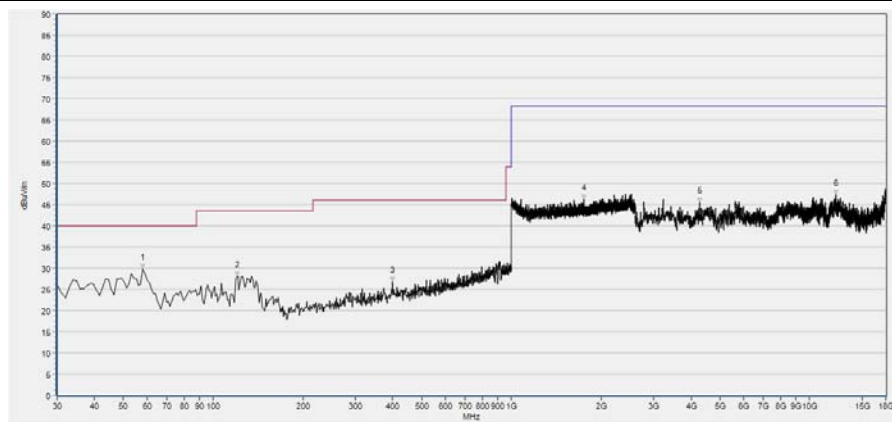


## Plots for Channel = 54



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 47.477        | 27.66          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 161.081       | 29.34          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 394.114       | 27.39          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 1878.159      | 46.32          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4737.387      | 45.48          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 7891.938      | 46.58          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

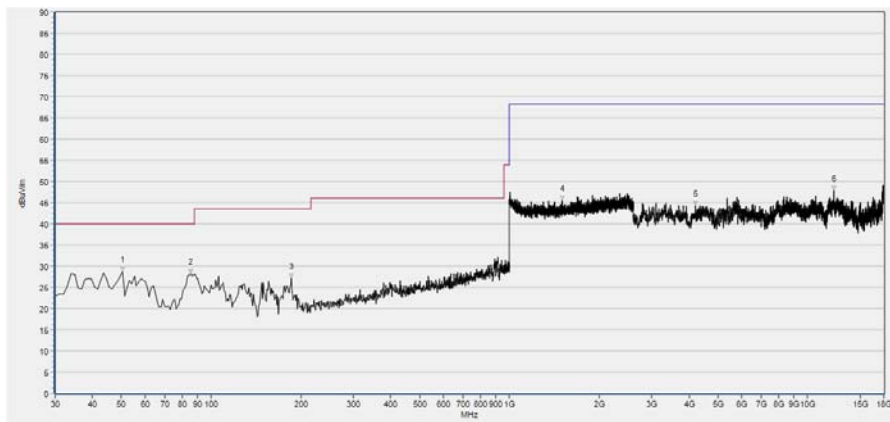


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 58.158        | 29.82          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 120.300       | 27.96          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 399.940       | 26.82          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1749.583      | 46.20          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4271.374      | 45.49          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 12242.889     | 47.30          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

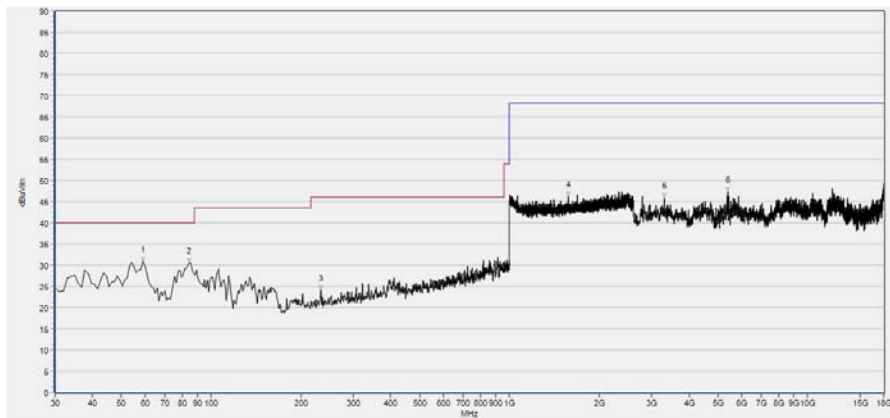


## Plot for Channel = 62



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 50.390        | 28.68          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 85.345        | 28.19          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 185.355       | 27.23          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1500.433      | 45.50          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 4204.161      | 44.26          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 12251.850     | 47.90          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

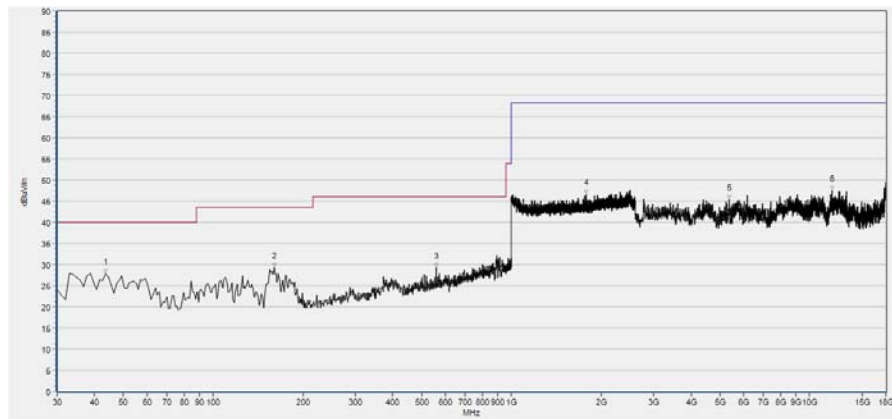


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 30.90          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 30.62          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 232.933       | 24.09          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1577.793      | 46.25          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 3303.501      | 45.89          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5400.560      | 47.38          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

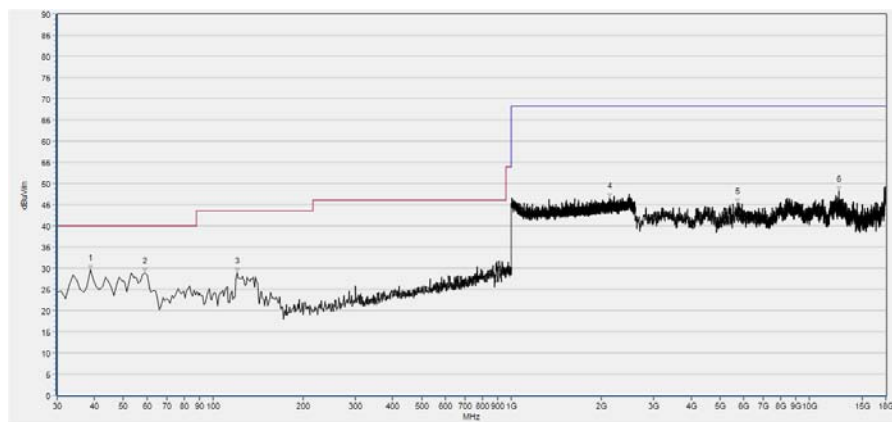


## Plots for Channel = 102



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 27.93          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 160.110       | 29.30          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 559.179       | 29.29          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 1783.728      | 46.65          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5373.675      | 45.31          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 11857.532     | 47.53          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

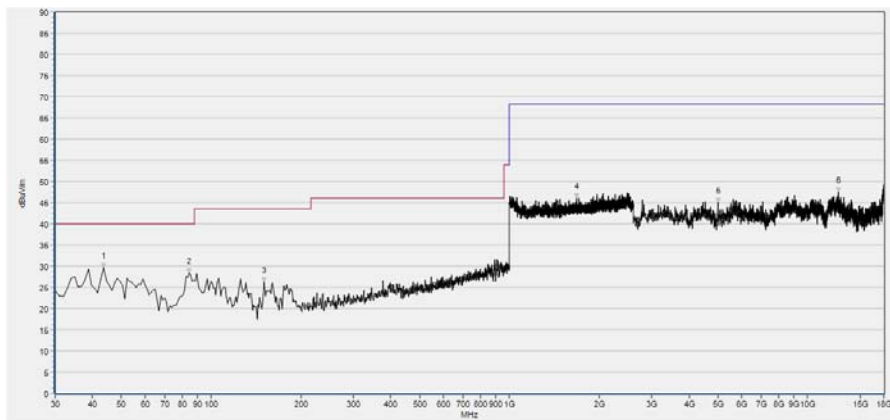


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 38.739        | 29.64          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 59.129        | 28.85          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 120.300       | 28.85          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 2133.178      | 46.64          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5718.704      | 45.43          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12520.704     | 48.13          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

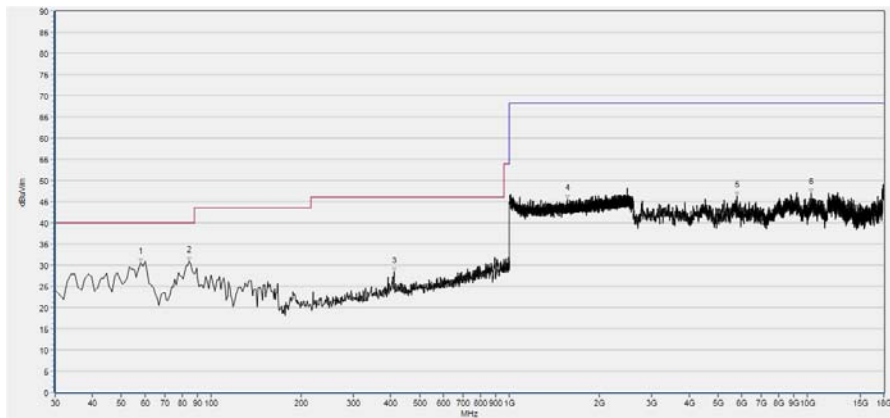


## Plot for Channel = 126



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 29.69          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 84.374        | 28.46          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 150.400       | 26.33          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1675.959      | 46.03          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 4997.279      | 45.07          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 12695.459     | 47.45          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

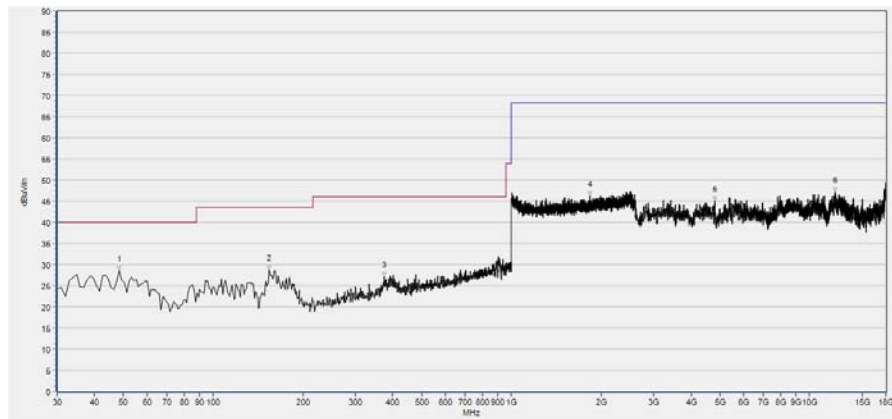
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 58.158        | 30.47          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 30.83          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 410.621       | 28.32          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1561.787      | 45.45          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 5790.398      | 46.21          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 10266.813     | 46.96          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

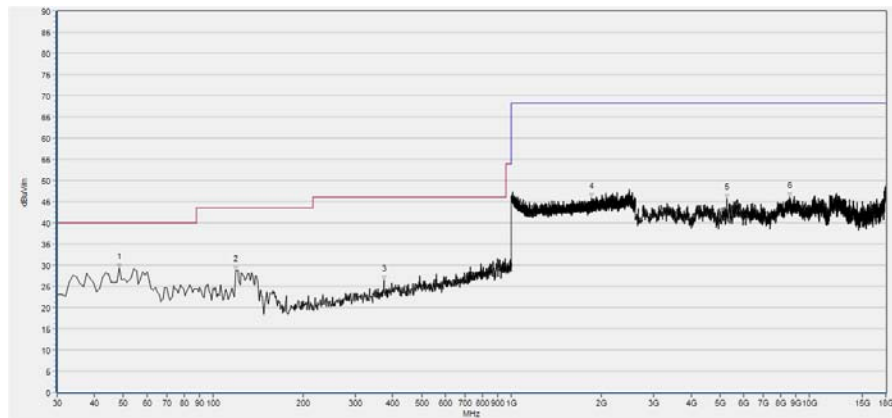
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 142



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 48.448        | 28.61          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 154.284       | 28.68          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 374.695       | 27.10          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 1835.478      | 46.21          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4800.120      | 44.93          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 12135.347     | 47.13          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

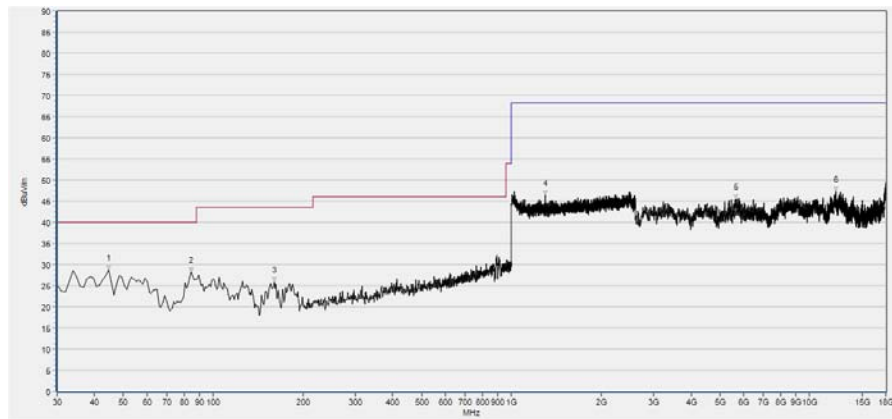
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 48.448        | 29.33          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 119.329       | 28.73          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 373.724       | 26.41          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1856.285      | 45.89          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5266.133      | 45.76          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 8577.516      | 46.11          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

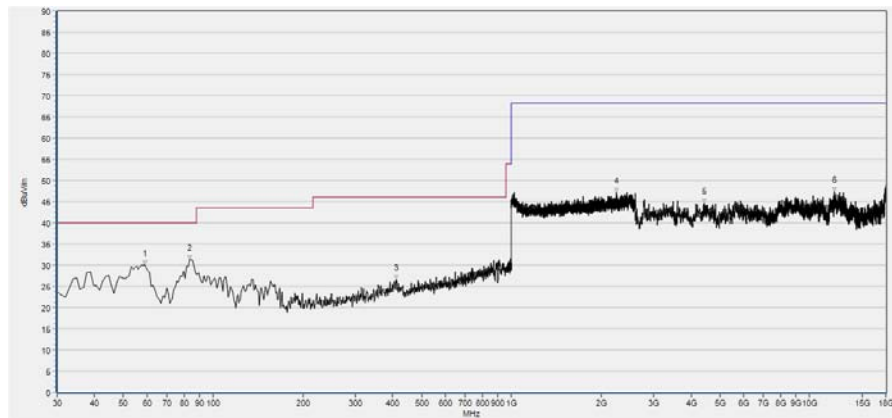
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 151



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 44.565        | 28.67          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 84.374        | 28.15          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 160.110       | 25.81          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1298.233      | 46.45          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5647.009      | 45.57          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12247.369     | 47.27          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

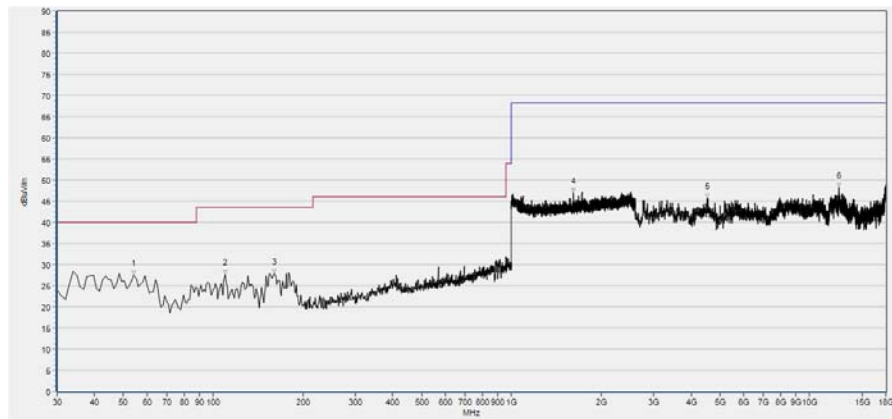
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 30.00          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 83.403        | 31.25          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 410.621       | 26.63          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2246.282      | 47.10          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4432.687      | 44.67          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12095.019     | 47.25          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

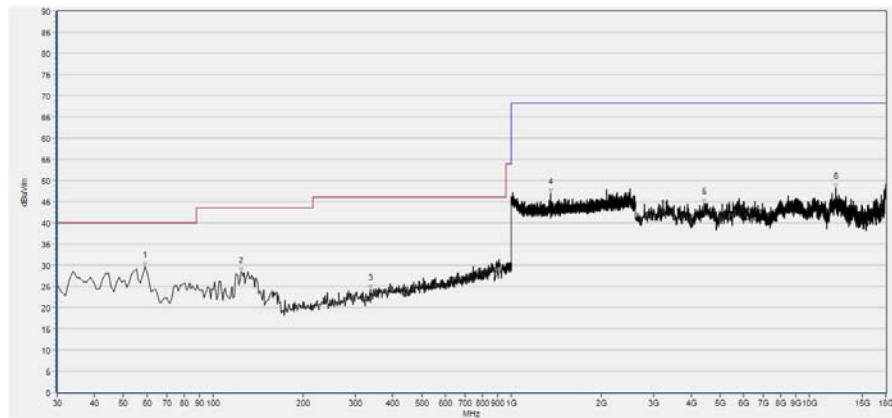
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 159



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 54.274        | 27.49          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 109.620       | 27.61          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 160.110       | 27.89          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1616.739      | 46.91          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 4535.747      | 45.72          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 12534.147     | 48.23          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

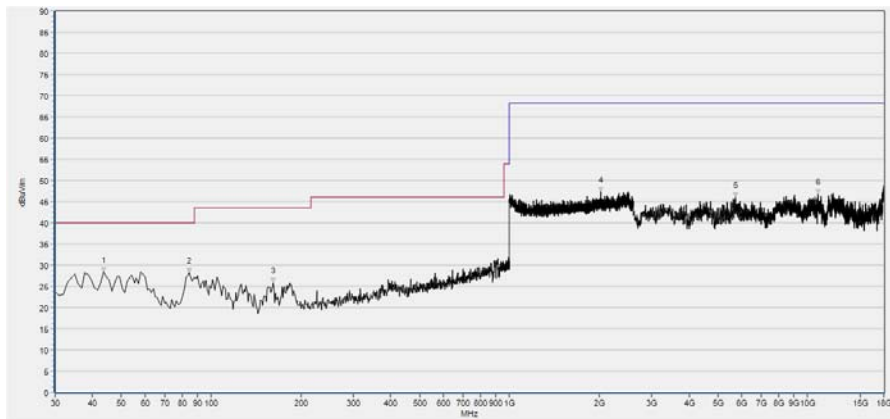


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 29.64          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 124.184       | 28.39          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 336.827       | 24.25          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1356.385      | 47.00          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4441.648      | 44.73          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12229.446     | 48.14          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

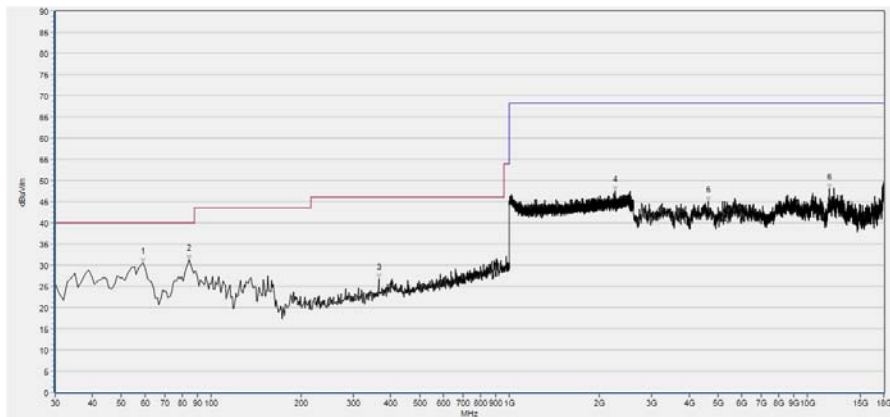
**802.11ac (VHT80) Test mode**

Plots for Channel = 42



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 28.38          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 84.374        | 28.16          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 161.081       | 25.86          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2020.607      | 47.39          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5727.666      | 46.09          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 10813.483     | 46.78          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

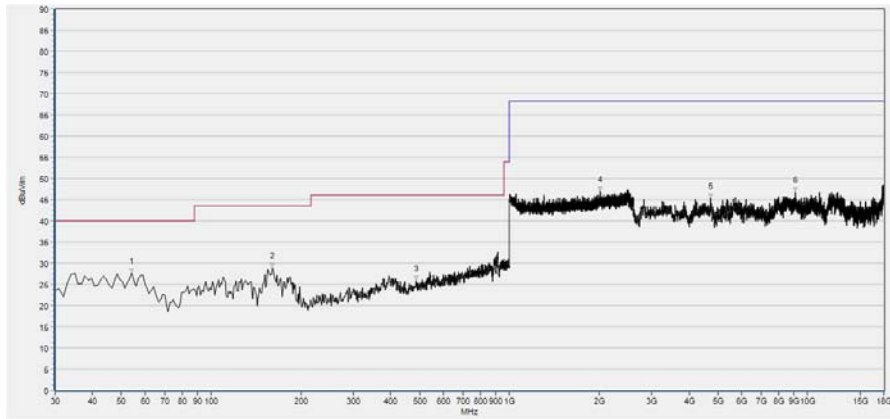


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 30.58          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 31.26          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 364.985       | 26.71          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2261.220      | 47.54          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4647.770      | 45.01          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 11848.570     | 48.10          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

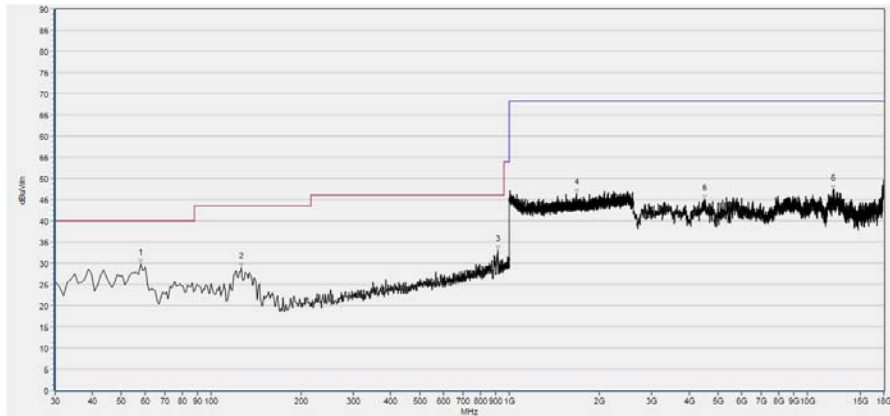


## Plot for Channel = 58



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 54.274        | 27.76          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 160.110       | 28.92          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 485.385       | 25.86          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 2018.473      | 46.88          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4728.426      | 45.28          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 9106.261      | 46.79          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

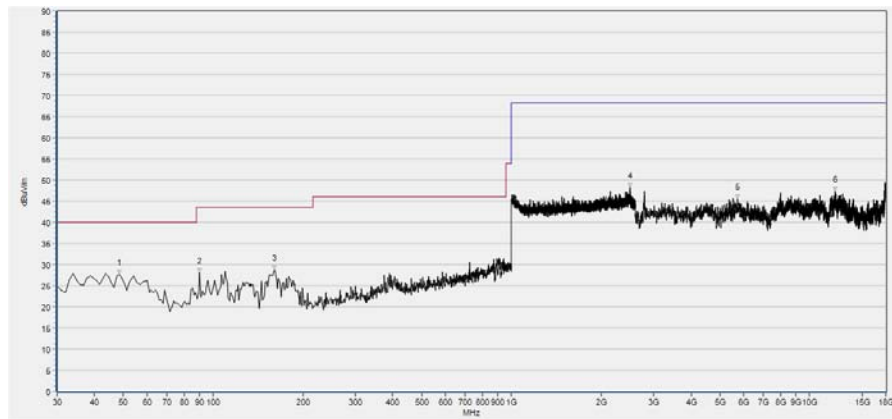


| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 58.158        | 29.87          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 126.126       | 28.91          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 913.584       | 33.05          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1675.425      | 46.49          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4495.419      | 44.95          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 12148.790     | 47.30          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

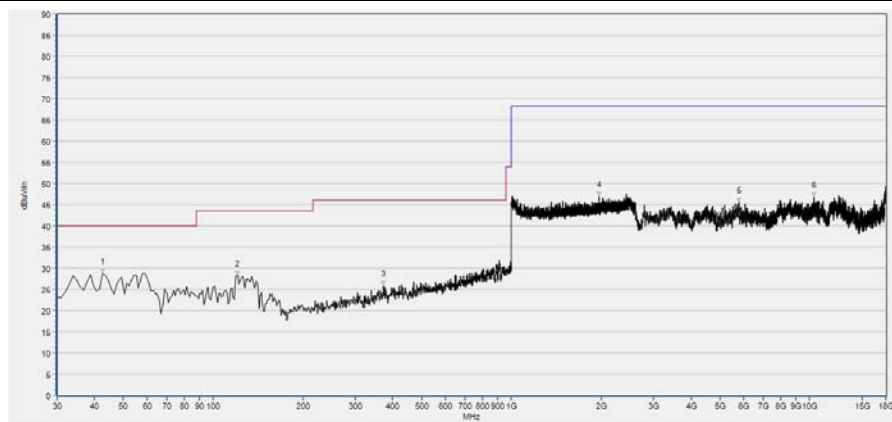


Plots for Channel = 106



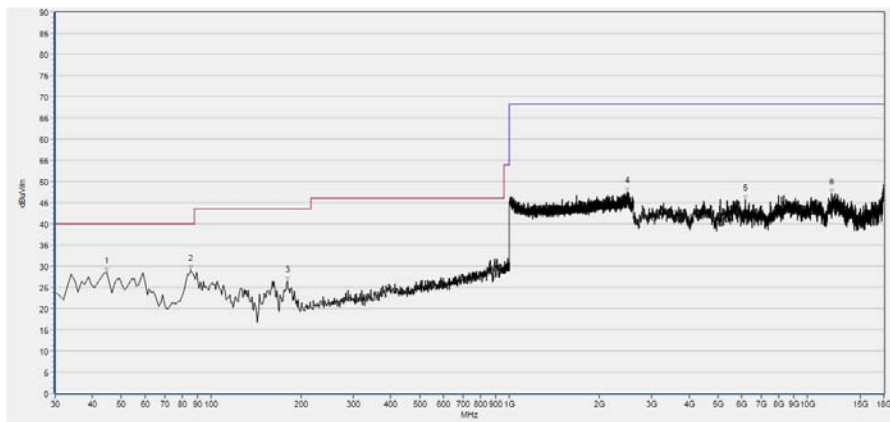
| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 48.448        | 27.64          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 90.200        | 27.96          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 160.110       | 28.81          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2493.298      | 48.18          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 5718.704      | 45.55          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12157.752     | 47.39          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



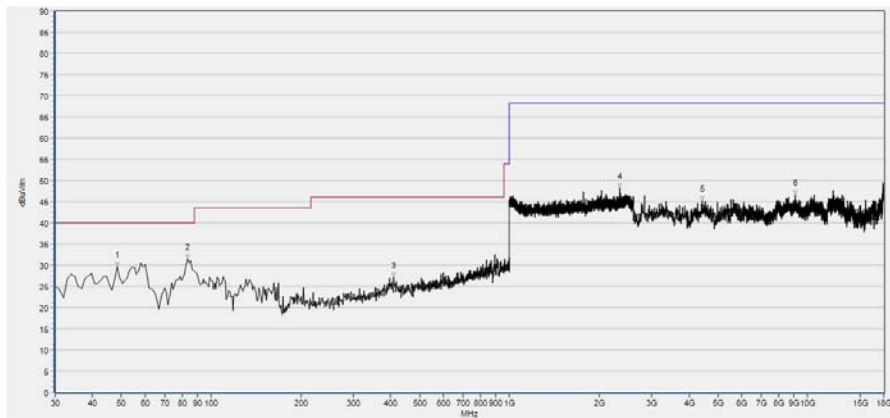
| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 42.623        | 28.71          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 120.300       | 28.15          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 372.753       | 25.91          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1969.390      | 46.91          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 5790.398      | 45.62          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 10347.469     | 46.76          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel = 122

| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 44.565        | 28.52          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 85.345        | 29.14          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 180.501       | 26.48          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 2491.164      | 47.55          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 6180.236      | 45.63          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 12054.691     | 47.14          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

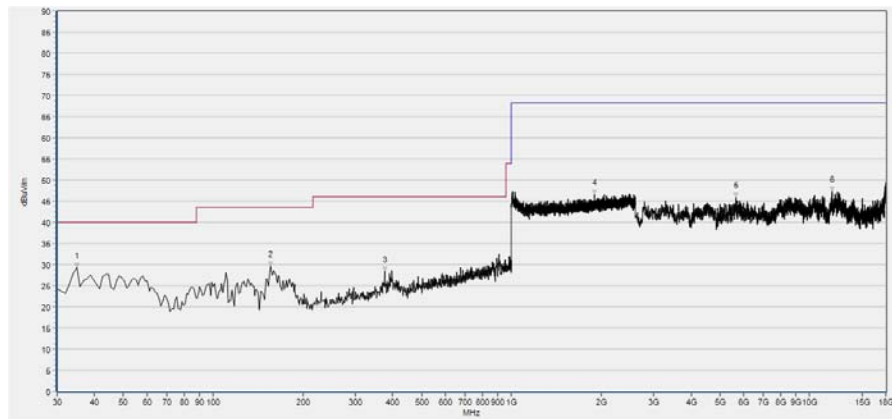
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 48.448        | 29.61          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 83.403        | 31.43          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 409.650       | 27.20          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2346.582      | 48.13          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 4419.244      | 45.15          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 9101.780      | 46.63          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

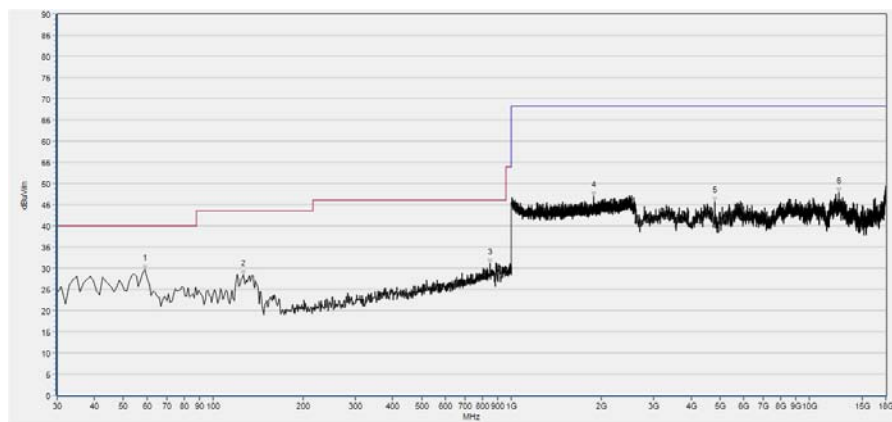
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 138



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 34.855        | 29.37          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 156.226       | 29.59          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 375.666       | 28.43          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 1895.765      | 46.52          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 5647.009      | 45.91          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 11857.532     | 47.26          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

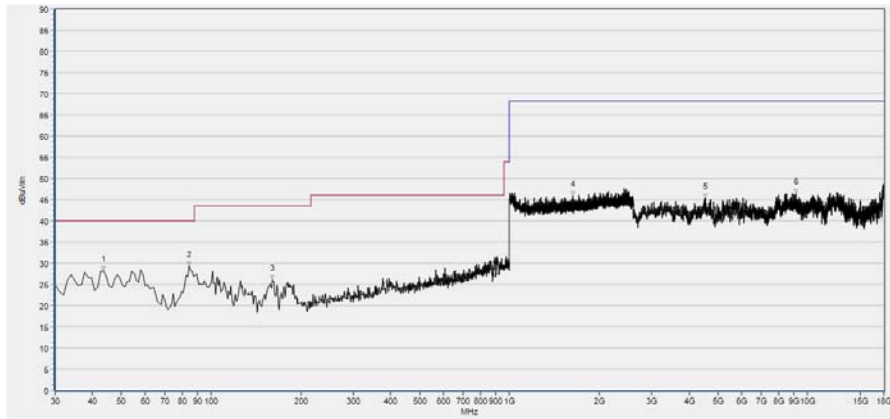
(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 59.129        | 29.59          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 126.126       | 28.38          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 847.558       | 31.07          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 1886.162      | 46.91          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 4809.082      | 45.75          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |
| 12534.147     | 47.84          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Vertical | PASS    |

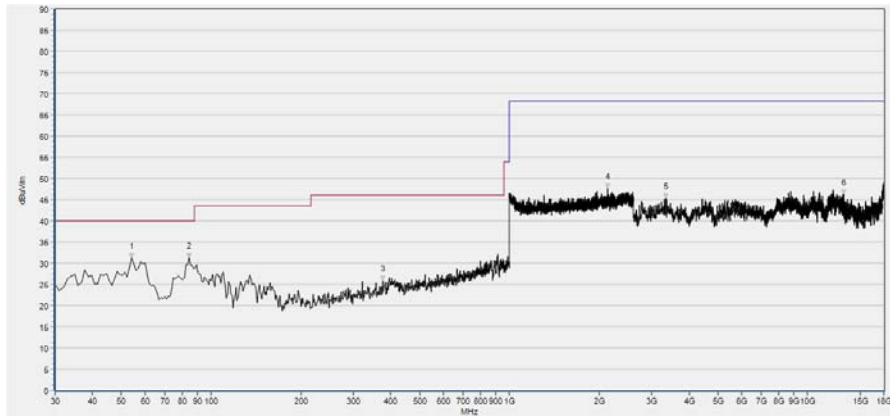
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 155



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 43.594        | 28.21          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 84.374        | 29.36          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 160.110       | 25.99          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 1631.677      | 45.87          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Horizontal | PASS    |
| 4522.304      | 45.35          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |
| 9133.147      | 46.50          | N/A            | N/A            | 74.00                | N/A                  | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre.<br>(MHz) | Pk<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|---------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 54.274        | 31.21          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 84.374        | 31.19          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 375.666       | 25.97          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 2134.778      | 47.62          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 3339.348      | 45.38          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |
| 13174.915     | 46.22          | N/A            | N/A            | 68.23                | N/A                  | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)



## Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

| Test items                   | Uncertainty         |
|------------------------------|---------------------|
| Peak Output Power            | $\pm 2.22\text{dB}$ |
| Power spectral density (PSD) | $\pm 2.22\text{dB}$ |
| Bandwidth                    | $\pm 5\%$           |
| Restricted Frequency Bands   | $\pm 5\%$           |
| Radiated Emission            | $\pm 2.95\text{dB}$ |
| Conducted Emission           | $\pm 2.44\text{dB}$ |

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k=2$



## Annex B Testing Laboratory Information

### 1. Identification of the Responsible Testing Laboratory

|                                      |                                                                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Company Name:</b>                 | Shenzhen Morlab Communications Technology Co., Ltd.                                                                              |
| <b>Department:</b>                   | Morlab Laboratory                                                                                                                |
| <b>Address:</b>                      | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, Guangdong Province, P. R. China |
| <b>Responsible Test Lab Manager:</b> | Mr. Su Feng                                                                                                                      |
| <b>Telephone:</b>                    | +86 755 36698555                                                                                                                 |
| <b>Facsimile:</b>                    | +86 755 36698525                                                                                                                 |

### 2. Identification of the Responsible Testing Location

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Name:</b>    | Shenzhen Morlab Communications Technology Co., Ltd.<br>Morlab Laboratory                                                         |
| <b>Address:</b> | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, Guangdong Province, P. R. China |

### 3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.



#### 4. Test Equipments Utilized

##### 4.1 Conducted Test Equipments

| Equipment Name            | Serial No. | Type    | Manufacturer | Cal. Date  | Cal. Due   |
|---------------------------|------------|---------|--------------|------------|------------|
| Power Splitter            | NW521      | 1506A   | Weinschel    | 2017.05.24 | 2018.05.23 |
|                           |            |         |              | 2018.04.17 | 2019.04.16 |
| Attenuator 1              | (N/A.)     | 10dB    | Resnet       | 2017.05.24 | 2018.05.23 |
|                           |            |         |              | 2018.04.17 | 2019.04.16 |
| Attenuator 2              | (N/A.)     | 3dB     | Resnet       | 2017.05.24 | 2018.05.23 |
|                           |            |         |              | 2018.04.17 | 2019.04.16 |
| EXA Signal Analyzer       | MY53470836 | N9010A  | Agilent      | 2017.12.03 | 2018.12.02 |
| USB Wideband Power Sensor | MY54210011 | U2021XA | Agilent      | 2017.05.24 | 2018.05.23 |
|                           |            |         |              | 2018.04.17 | 2019.04.16 |
| Power Sensor              | MY41496306 | E9304A  | Angilent     | 2017.05.24 | 2018.05.23 |
|                           |            |         |              | 2018.04.17 | 2019.04.16 |
| RF cable (30MHz-26GHz)    | CB01       | RF01    | Morlab       | N/A        | N/A        |
| Coaxial cable             | CB02       | RF02    | Morlab       | N/A        | N/A        |
| SMA connector             | CN01       | RF03    | HUBER-SUHNER | N/A        | N/A        |

##### 4.2 Conducted Emission Test Equipments

| Equipment Name                   | Serial No. | Type        | Manufacturer | Cal. Date  | Cal. Due   |
|----------------------------------|------------|-------------|--------------|------------|------------|
| Receiver                         | MY56400093 | N9038A      | KEYSIGHT     | 2017.07.13 | 2018.07.12 |
| LISN                             | 812744     | NSLK 8127   | Schwarzbeck  | 2017.05.17 | 2018.05.16 |
|                                  |            |             |              | 2018.05.08 | 2019.05.07 |
| Pulse Limiter (20dB)             | 9391       | VTSD 9561-D | Schwarzbeck  | 2017.05.17 | 2018.05.16 |
|                                  |            |             |              | 2018.05.08 | 2019.05.07 |
| Coaxial cable(BNC) (30MHz-26GHz) | CB01       | EMC01       | Morlab       | N/A        | N/A        |

##### 4.3 Auxiliary Test Equipment

| Equipment Name | Model No. | Brand Name | Manufacturer | Cal.Date | Cal. Due |
|----------------|-----------|------------|--------------|----------|----------|
| Computer       | T430i     | Think Pad  | Lenovo       | N/A      | N/A      |

**4.4 List of Software Used**

| Description      | Manufacturer | Software Version |
|------------------|--------------|------------------|
| Test system      | Tonscend     | V2.6             |
| Power Panel      | Agilent      | V3.8             |
| MORLAB EMCR V1.2 | MORLAB       | V 1.0            |

**4.4 Radiated Test Equipments**

| Equipment Name                       | Serial No. | Type       | Manufacturer   | Cal. Date  | Cal. Due   |
|--------------------------------------|------------|------------|----------------|------------|------------|
| Receiver                             | MY54130016 | N9038A     | Agilent        | 2017.05.17 | 2018.05.16 |
|                                      |            |            |                | 2018.05.08 | 2019.05.07 |
| Test Antenna - Bi-Log                | 9163-519   | VULB 9163  | Schwarzbeck    | 2017.05.17 | 2018.05.16 |
|                                      |            |            |                | 2018.05.08 | 2019.05.07 |
| Test Antenna - Horn                  | 9170C-531  | BBHA9170   | Schwarzbeck    | 2017.09.13 | 2018.09.12 |
| Test Antenna - Loop                  | 1519-022   | FMZB1519   | Schwarzbeck    | 2018.03.03 | 2019.03.02 |
| Test Antenna - Horn                  | 01774      | BBHA 9120D | Schwarzbeck    | 2017.09.13 | 2018.09.12 |
| Coaxial cable (N male) (9KHz-30MHz)  | CB04       | EMC04      | Morlab         | N/A        | N/A        |
| Coaxial cable (N male) (30MHz-26GHz) | CB02       | EMC02      | Morlab         | N/A        | N/A        |
| Coaxial cable (N male) (30MHz-26GHz) | CB03       | EMC03      | Morlab         | N/A        | N/A        |
| 1-18GHz pre-Amplifier                | MA02       | TS-PR18    | Rohde& Schwarz | 2017.05.17 | 2018.05.16 |
|                                      |            |            |                | 2018.05.08 | 2019.05.07 |
| 18-26.5GHz pre-Amplifier             | MA03       | TS-PR18    | Rohde& Schwarz | 2017.05.17 | 2018.05.16 |
|                                      |            |            |                | 2018.05.08 | 2019.05.07 |
| Anechoic Chamber                     | N/A        | 9m*6m*6m   | CRT            | 2017.11.19 | 2020.11.18 |

————— END OF REPORT —————