

## Channel 52

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17974.150       | 42.16                       | -29.59          | 45.95                 | 25.80                   | 54.00          | 11.84       | V                  |
| 17981.850       | 42.16                       | -29.59          | 45.95                 | 25.80                   | 54.00          | 11.84       | H                  |
| 14478.900       | 37.37                       | -29.56          | 41.90                 | 25.03                   | 54.00          | 16.63       | H                  |
| 14498.150       | 37.27                       | -29.56          | 41.90                 | 24.93                   | 54.00          | 16.73       | V                  |
| 11767.400       | 35.34                       | -32.71          | 39.20                 | 28.85                   | 54.00          | 18.66       | V                  |
| 11866.400       | 35.34                       | -32.73          | 39.15                 | 28.92                   | 54.00          | 18.66       | H                  |

## Channel 56

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17980.750       | 41.40                       | -29.59          | 45.95                 | 25.04                   | 54.00          | 12.60       | V                  |
| 17974.700       | 41.31                       | -29.59          | 45.95                 | 24.95                   | 54.00          | 12.69       | V                  |
| 14493.750       | 36.98                       | -29.56          | 41.90                 | 24.64                   | 54.00          | 17.02       | V                  |
| 14491.550       | 36.93                       | -29.56          | 41.90                 | 24.59                   | 54.00          | 17.07       | V                  |
| 11850.450       | 34.90                       | -32.73          | 39.15                 | 28.48                   | 54.00          | 19.10       | V                  |
| 11890.600       | 34.87                       | -32.53          | 39.10                 | 28.30                   | 54.00          | 19.13       | V                  |

## Channel 64

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17993.400       | 41.39                       | -29.59          | 45.95                 | 25.03                   | 54.00          | 12.61       | V                  |
| 17989.550       | 41.34                       | -29.59          | 45.95                 | 24.98                   | 54.00          | 12.66       | H                  |
| 14490.450       | 36.91                       | -29.56          | 41.90                 | 24.57                   | 54.00          | 17.09       | H                  |
| 14495.950       | 36.58                       | -29.56          | 41.90                 | 24.24                   | 54.00          | 17.42       | V                  |
| 5350.272        | 41.68                       | -27.82          | 34.20                 | 35.30                   | 54.00          | 12.32       | H                  |
| 5350.816        | 41.68                       | -27.82          | 34.20                 | 35.30                   | 54.00          | 12.32       | H                  |

## Channel 100

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17973.600       | 41.51                       | -29.59          | 45.95                 | 25.15                   | 54.00          | 12.49       | H                  |
| 17981.850       | 41.23                       | -29.59          | 45.95                 | 24.87                   | 54.00          | 12.77       | V                  |
| 14498.700       | 36.34                       | -29.56          | 41.90                 | 24.00                   | 54.00          | 17.66       | V                  |
| 14489.900       | 36.20                       | -29.56          | 41.90                 | 23.86                   | 54.00          | 17.80       | H                  |
| 5433.535        | 42.47                       | -27.94          | 34.30                 | 36.11                   | 54.00          | 11.53       | H                  |
| 5457.790        | 42.17                       | -27.49          | 34.20                 | 35.46                   | 54.00          | 11.83       | H                  |

## Channel 120

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17945.000       | 41.20                       | -29.59          | 45.95                 | 24.84                   | 54.00          | 12.80       | V                  |
| 17966.450       | 41.12                       | -29.59          | 45.95                 | 24.76                   | 54.00          | 12.88       | H                  |
| 14489.350       | 36.66                       | -29.56          | 41.90                 | 24.32                   | 54.00          | 17.34       | H                  |
| 14471.750       | 36.48                       | -29.56          | 41.90                 | 24.14                   | 54.00          | 17.52       | V                  |
| 11884.550       | 34.85                       | -32.53          | 39.10                 | 28.28                   | 54.00          | 19.15       | V                  |
| 11863.650       | 34.78                       | -32.73          | 39.15                 | 28.36                   | 54.00          | 19.22       | V                  |

## Channel 140

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17970.850       | 41.51                       | -29.59          | 45.95                 | 25.15                   | 54.00          | 12.49       | H                  |
| 17979.100       | 41.44                       | -29.59          | 45.95                 | 25.08                   | 54.00          | 12.56       | V                  |
| 14489.350       | 37.00                       | -29.56          | 41.90                 | 24.66                   | 54.00          | 17.00       | H                  |
| 14493.200       | 36.54                       | -29.56          | 41.90                 | 24.20                   | 54.00          | 17.46       | V                  |
| 11868.050       | 34.68                       | -32.73          | 39.15                 | 28.26                   | 54.00          | 19.32       | H                  |
| 11886.200       | 34.67                       | -32.53          | 39.10                 | 28.10                   | 54.00          | 19.33       | V                  |

### 802.11n-HT40

#### Channel 38

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.150       | 40.77                       | -29.59          | 45.95                 | 24.41                   | 54.00          | 13.23       | H                  |
| 17994.500       | 40.76                       | -29.59          | 45.95                 | 24.40                   | 54.00          | 13.24       | H                  |
| 14482.750       | 36.68                       | -29.56          | 41.90                 | 24.34                   | 54.00          | 17.32       | V                  |
| 14491.550       | 36.48                       | -29.56          | 41.90                 | 24.14                   | 54.00          | 17.52       | H                  |
| 5149.740        | 48.61                       | -28.00          | 34.00                 | 42.61                   | 54.00          | 5.39        | H                  |
| 5148.820        | 48.49                       | -28.00          | 34.00                 | 42.49                   | 54.00          | 5.51        | H                  |

#### Channel 46

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17976.900       | 40.87                       | -29.59          | 45.95                 | 24.51                   | 54.00          | 13.13       | V                  |
| 17866.350       | 40.53                       | -29.59          | 45.95                 | 24.17                   | 54.00          | 13.47       | V                  |
| 14494.300       | 37.01                       | -29.56          | 41.90                 | 24.67                   | 54.00          | 16.99       | V                  |
| 14494.850       | 36.88                       | -29.56          | 41.90                 | 24.54                   | 54.00          | 17.12       | H                  |
| 11854.850       | 35.45                       | -32.73          | 39.15                 | 29.03                   | 54.00          | 18.55       | V                  |
| 11902.700       | 34.83                       | -32.53          | 39.10                 | 28.26                   | 54.00          | 19.17       | V                  |

#### Channel 54

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.200       | 41.22                       | -29.59          | 45.95                 | 24.86                   | 54.00          | 12.78       | V                  |
| 17989.000       | 41.14                       | -29.59          | 45.95                 | 24.78                   | 54.00          | 12.86       | V                  |
| 14493.200       | 36.65                       | -29.56          | 41.90                 | 24.31                   | 54.00          | 17.35       | H                  |
| 14493.750       | 36.58                       | -29.56          | 41.90                 | 24.24                   | 54.00          | 17.42       | H                  |
| 11909.300       | 34.90                       | -32.53          | 39.10                 | 28.33                   | 54.00          | 19.10       | V                  |
| 11858.700       | 34.86                       | -32.73          | 39.15                 | 28.44                   | 54.00          | 19.14       | V                  |

## Channel 62

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17984.600       | 41.19                       | -29.59          | 45.95                 | 24.83                   | 54.00          | 12.81       | V                  |
| 17987.350       | 41.00                       | -29.59          | 45.95                 | 24.64                   | 54.00          | 13.00       | V                  |
| 14488.800       | 36.67                       | -29.56          | 41.90                 | 24.33                   | 54.00          | 17.33       | V                  |
| 14482.200       | 36.63                       | -29.56          | 41.90                 | 24.29                   | 54.00          | 17.37       | V                  |
| 5350.048        | 41.67                       | -27.82          | 34.20                 | 35.29                   | 54.00          | 12.33       | H                  |
| 5352.816        | 41.20                       | -27.82          | 34.20                 | 34.82                   | 54.00          | 12.80       | H                  |

## Channel 102

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17959.850       | 41.11                       | -29.59          | 45.95                 | 24.75                   | 54.00          | 12.89       | V                  |
| 17969.750       | 41.09                       | -29.59          | 45.95                 | 24.73                   | 54.00          | 12.91       | H                  |
| 14483.850       | 36.63                       | -29.56          | 41.90                 | 24.29                   | 54.00          | 17.37       | V                  |
| 14488.800       | 36.60                       | -29.56          | 41.90                 | 24.26                   | 54.00          | 17.40       | V                  |
| 5459.065        | 42.48                       | -27.49          | 34.20                 | 35.77                   | 54.00          | 11.52       | H                  |
| 5459.410        | 42.39                       | -27.49          | 34.20                 | 35.68                   | 54.00          | 11.61       | H                  |

## Channel 118

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.900       | 41.62                       | -29.59          | 45.95                 | 25.26                   | 54.00          | 12.38       | V                  |
| 17985.700       | 41.26                       | -29.59          | 45.95                 | 24.90                   | 54.00          | 12.74       | V                  |
| 14478.350       | 36.96                       | -29.56          | 41.90                 | 24.62                   | 54.00          | 17.04       | V                  |
| 14491.000       | 36.54                       | -29.56          | 41.90                 | 24.20                   | 54.00          | 17.46       | V                  |
| 11886.200       | 34.99                       | -32.53          | 39.10                 | 28.42                   | 54.00          | 19.01       | H                  |
| 11785.000       | 34.90                       | -32.09          | 39.20                 | 27.79                   | 54.00          | 19.10       | V                  |

## Channel 134

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17962.050       | 41.45                       | -29.59          | 45.95                 | 25.09                   | 54.00          | 12.55       | V                  |
| 17975.800       | 41.38                       | -29.59          | 45.95                 | 25.02                   | 54.00          | 12.62       | V                  |
| 14492.650       | 36.43                       | -29.56          | 41.90                 | 24.09                   | 54.00          | 17.57       | H                  |
| 14498.150       | 36.37                       | -29.56          | 41.90                 | 24.03                   | 54.00          | 17.63       | V                  |
| 11908.750       | 34.95                       | -32.53          | 39.10                 | 28.38                   | 54.00          | 19.05       | V                  |
| 11802.600       | 34.70                       | -32.09          | 39.20                 | 27.59                   | 54.00          | 19.30       | H                  |

## 802.11ac-HT20

## Channel 36

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17976.900       | 41.33                       | -29.59          | 45.95                 | 24.97                   | 54.00          | 12.67       | V                  |
| 17874.050       | 40.98                       | -29.59          | 45.95                 | 24.62                   | 54.00          | 13.02       | V                  |
| 14492.100       | 36.81                       | -29.56          | 41.90                 | 24.47                   | 54.00          | 17.19       | V                  |
| 14476.700       | 36.80                       | -29.56          | 41.90                 | 24.46                   | 54.00          | 17.20       | H                  |
| 5149.300        | 43.91                       | -28.00          | 34.00                 | 37.91                   | 54.00          | 10.09       | H                  |
| 5149.540        | 43.77                       | -28.00          | 34.00                 | 37.77                   | 54.00          | 10.23       | H                  |

## Channel 40

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17971.950       | 41.49                       | -29.59          | 45.95                 | 25.13                   | 54.00          | 12.51       | V                  |
| 17881.750       | 41.37                       | -29.59          | 45.95                 | 25.01                   | 54.00          | 12.63       | H                  |
| 14499.250       | 37.09                       | -29.56          | 41.90                 | 24.75                   | 54.00          | 16.91       | H                  |
| 14496.500       | 36.69                       | -29.56          | 41.90                 | 24.35                   | 54.00          | 17.31       | V                  |
| 11844.950       | 35.20                       | -32.73          | 39.15                 | 28.78                   | 54.00          | 18.80       | H                  |
| 11875.750       | 34.85                       | -32.73          | 39.15                 | 28.43                   | 54.00          | 19.15       | V                  |

#### Channel 48

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.200       | 41.08                       | -29.59          | 45.95                 | 24.72                   | 54.00          | 12.92       | V                  |
| 17975.250       | 41.01                       | -29.59          | 45.95                 | 24.65                   | 54.00          | 12.99       | V                  |
| 14487.700       | 37.02                       | -29.56          | 41.90                 | 24.68                   | 54.00          | 16.98       | V                  |
| 14490.450       | 36.68                       | -29.56          | 41.90                 | 24.34                   | 54.00          | 17.32       | V                  |
| 11901.600       | 35.03                       | -32.53          | 39.10                 | 28.46                   | 54.00          | 18.97       | V                  |
| 11874.100       | 34.90                       | -32.73          | 39.15                 | 28.48                   | 54.00          | 19.10       | H                  |

#### Channel 52

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17974.700       | 41.62                       | -29.59          | 45.95                 | 25.26                   | 54.00          | 12.38       | H                  |
| 17982.950       | 41.12                       | -29.59          | 45.95                 | 24.76                   | 54.00          | 12.88       | V                  |
| 14499.250       | 36.65                       | -29.56          | 41.90                 | 24.31                   | 54.00          | 17.35       | H                  |
| 14494.850       | 36.56                       | -29.56          | 41.90                 | 24.22                   | 54.00          | 17.44       | V                  |
| 11908.200       | 34.83                       | -32.53          | 39.10                 | 28.26                   | 54.00          | 19.17       | V                  |
| 11866.400       | 34.78                       | -32.73          | 39.15                 | 28.36                   | 54.00          | 19.22       | H                  |

#### Channel 56

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17975.800       | 41.36                       | -29.59          | 45.95                 | 25.00                   | 54.00          | 12.64       | H                  |
| 17993.950       | 41.31                       | -29.59          | 45.95                 | 24.95                   | 54.00          | 12.69       | V                  |
| 14498.700       | 36.51                       | -29.56          | 41.90                 | 24.17                   | 54.00          | 17.49       | V                  |
| 14490.450       | 36.49                       | -29.56          | 41.90                 | 24.15                   | 54.00          | 17.51       | V                  |
| 11856.500       | 34.74                       | -32.73          | 39.15                 | 28.32                   | 54.00          | 19.26       | V                  |
| 11888.400       | 34.73                       | -32.53          | 39.10                 | 28.16                   | 54.00          | 19.27       | V                  |

## Channel 64

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17983.500       | 41.42                       | -29.59          | 45.95                 | 25.06                   | 54.00          | 12.58       | V                  |
| 17970.300       | 41.37                       | -29.59          | 45.95                 | 25.01                   | 54.00          | 12.63       | V                  |
| 14489.350       | 37.12                       | -29.56          | 41.90                 | 24.78                   | 54.00          | 16.88       | V                  |
| 14493.750       | 37.11                       | -29.56          | 41.90                 | 24.77                   | 54.00          | 16.89       | V                  |
| 5350.352        | 41.06                       | -27.82          | 34.20                 | 34.68                   | 54.00          | 12.94       | H                  |
| 5352.752        | 40.83                       | -27.82          | 34.20                 | 34.45                   | 54.00          | 13.17       | H                  |

## Channel 100

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17971.950       | 41.15                       | -29.59          | 45.95                 | 24.79                   | 54.00          | 12.85       | V                  |
| 17964.250       | 41.08                       | -29.59          | 45.95                 | 24.72                   | 54.00          | 12.92       | H                  |
| 14498.700       | 36.81                       | -29.56          | 41.90                 | 24.47                   | 54.00          | 17.19       | H                  |
| 14472.300       | 36.58                       | -29.56          | 41.90                 | 24.24                   | 54.00          | 17.42       | H                  |
| 5457.820        | 42.54                       | -27.49          | 34.20                 | 35.83                   | 54.00          | 11.46       | H                  |
| 5459.215        | 42.05                       | -27.49          | 34.20                 | 35.34                   | 54.00          | 11.95       | H                  |

## Channel 120

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17967.550       | 41.25                       | -29.59          | 45.95                 | 24.89                   | 54.00          | 12.75       | V                  |
| 17982.400       | 41.12                       | -29.59          | 45.95                 | 24.76                   | 54.00          | 12.88       | V                  |
| 14494.850       | 36.57                       | -29.56          | 41.90                 | 24.23                   | 54.00          | 17.43       | V                  |
| 14498.150       | 36.56                       | -29.56          | 41.90                 | 24.22                   | 54.00          | 17.44       | V                  |
| 11880.150       | 34.85                       | -32.73          | 39.15                 | 28.43                   | 54.00          | 19.15       | V                  |
| 11780.050       | 34.81                       | -32.71          | 39.20                 | 28.32                   | 54.00          | 19.19       | V                  |

**Channel 140**

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17864.150       | 41.00                       | -29.59          | 45.95                 | 24.64                   | 54.00          | 13.00       | H                  |
| 17952.150       | 41.00                       | -29.59          | 45.95                 | 24.64                   | 54.00          | 13.00       | H                  |
| 14491.550       | 36.89                       | -29.56          | 41.90                 | 24.55                   | 54.00          | 17.11       | H                  |
| 14484.950       | 36.51                       | -29.56          | 41.90                 | 24.17                   | 54.00          | 17.49       | V                  |
| 11888.400       | 34.85                       | -32.53          | 39.10                 | 28.28                   | 54.00          | 19.15       | V                  |
| 11877.400       | 34.81                       | -32.73          | 39.15                 | 28.39                   | 54.00          | 19.19       | V                  |

**802.11ac-HT40**
**Channel 38**

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17864.150       | 40.61                       | -29.59          | 45.95                 | 24.25                   | 54.00          | 13.39       | V                  |
| 17963.700       | 40.61                       | -29.59          | 45.95                 | 24.25                   | 54.00          | 13.39       | H                  |
| 14488.250       | 37.09                       | -29.56          | 41.90                 | 24.75                   | 54.00          | 16.91       | V                  |
| 14495.400       | 36.93                       | -29.56          | 41.90                 | 24.59                   | 54.00          | 17.07       | V                  |
| 5149.680        | 48.95                       | -28.00          | 34.00                 | 42.95                   | 54.00          | 5.05        | H                  |
| 5149.400        | 48.63                       | -28.00          | 34.00                 | 42.63                   | 54.00          | 5.37        | H                  |

**Channel 46**

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17867.450       | 40.58                       | -29.59          | 45.95                 | 24.22                   | 54.00          | 13.42       | H                  |
| 17859.200       | 40.54                       | -29.59          | 45.95                 | 24.18                   | 54.00          | 13.46       | H                  |
| 14480.000       | 36.61                       | -29.56          | 41.90                 | 24.27                   | 54.00          | 17.39       | V                  |
| 14494.300       | 36.49                       | -29.56          | 41.90                 | 24.15                   | 54.00          | 17.51       | H                  |
| 11847.150       | 35.06                       | -32.73          | 39.15                 | 28.64                   | 54.00          | 18.94       | H                  |
| 11864.750       | 35.04                       | -32.73          | 39.15                 | 28.62                   | 54.00          | 18.96       | V                  |

## Channel 54

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17958.200       | 41.32                       | -29.59          | 45.95                 | 24.96                   | 54.00          | 12.68       | V                  |
| 17964.800       | 41.28                       | -29.59          | 45.95                 | 24.92                   | 54.00          | 12.72       | V                  |
| 14482.750       | 36.71                       | -29.56          | 41.90                 | 24.37                   | 54.00          | 17.29       | V                  |
| 14494.850       | 36.68                       | -29.56          | 41.90                 | 24.34                   | 54.00          | 17.32       | H                  |
| 11848.800       | 35.00                       | -32.73          | 39.15                 | 28.58                   | 54.00          | 19.00       | V                  |
| 11884.550       | 34.90                       | -32.53          | 39.10                 | 28.33                   | 54.00          | 19.10       | V                  |

## Channel 62

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17939.500       | 41.42                       | -29.59          | 45.95                 | 25.06                   | 54.00          | 12.58       | V                  |
| 17959.850       | 41.39                       | -29.59          | 45.95                 | 25.03                   | 54.00          | 12.61       | V                  |
| 14491.000       | 36.75                       | -29.56          | 41.90                 | 24.41                   | 54.00          | 17.25       | V                  |
| 14498.700       | 36.55                       | -29.56          | 41.90                 | 24.21                   | 54.00          | 17.45       | H                  |
| 5350.656        | 42.06                       | -27.82          | 34.20                 | 35.68                   | 54.00          | 11.94       | H                  |
| 5352.432        | 41.66                       | -27.82          | 34.20                 | 35.28                   | 54.00          | 12.34       | H                  |

## Channel 102

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17979.100       | 41.05                       | -29.59          | 45.95                 | 24.69                   | 54.00          | 12.95       | V                  |
| 17959.300       | 40.91                       | -29.59          | 45.95                 | 24.55                   | 54.00          | 13.09       | H                  |
| 14490.450       | 36.45                       | -29.56          | 41.90                 | 24.11                   | 54.00          | 17.55       | V                  |
| 14485.500       | 36.22                       | -29.56          | 41.90                 | 23.88                   | 54.00          | 17.78       | H                  |
| 5458.945        | 44.38                       | -27.49          | 34.20                 | 37.67                   | 54.00          | 9.62        | H                  |
| 5459.260        | 43.91                       | -27.49          | 34.20                 | 37.20                   | 54.00          | 10.09       | H                  |

### Channel 118

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17993.400       | 41.37                       | -29.59          | 45.95                 | 25.01                   | 54.00          | 12.63       | V                  |
| 17985.700       | 41.11                       | -29.59          | 45.95                 | 24.75                   | 54.00          | 12.89       | H                  |
| 14499.800       | 36.80                       | -29.56          | 41.90                 | 24.46                   | 54.00          | 17.20       | V                  |
| 14476.700       | 36.77                       | -29.56          | 41.90                 | 24.43                   | 54.00          | 17.23       | H                  |
| 11869.700       | 34.71                       | -32.73          | 39.15                 | 28.29                   | 54.00          | 19.29       | V                  |
| 11887.300       | 34.71                       | -32.53          | 39.10                 | 28.14                   | 54.00          | 19.29       | V                  |

### Channel 134

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17965.900       | 41.37                       | -29.59          | 45.95                 | 25.01                   | 54.00          | 12.63       | H                  |
| 17969.200       | 41.26                       | -29.59          | 45.95                 | 24.90                   | 54.00          | 12.74       | V                  |
| 14495.400       | 36.47                       | -29.56          | 41.90                 | 24.13                   | 54.00          | 17.53       | H                  |
| 14495.950       | 36.45                       | -29.56          | 41.90                 | 24.11                   | 54.00          | 17.55       | H                  |
| 11854.300       | 34.64                       | -32.73          | 39.15                 | 28.22                   | 54.00          | 19.36       | V                  |
| 11850.450       | 34.60                       | -32.73          | 39.15                 | 28.18                   | 54.00          | 19.40       | V                  |

### 802.11ac-HT80

#### Channel 42

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.750       | 42.41                       | -29.59          | 45.95                 | 26.05                   | 54.00          | 11.59       | H                  |
| 17993.950       | 42.38                       | -29.59          | 45.95                 | 26.02                   | 54.00          | 11.62       | H                  |
| 14497.050       | 37.16                       | -29.56          | 41.90                 | 24.82                   | 54.00          | 16.84       | H                  |
| 14498.700       | 37.09                       | -29.56          | 41.90                 | 24.75                   | 54.00          | 16.91       | H                  |
| 11891.700       | 35.56                       | -32.53          | 39.10                 | 28.99                   | 54.00          | 18.44       | H                  |
| 11908.750       | 35.44                       | -32.53          | 39.10                 | 28.87                   | 54.00          | 18.56       | H                  |

## Channel 58

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17990.650       | 41.61                       | -29.59          | 45.95                 | 25.25                   | 54.00          | 12.39       | V                  |
| 17981.300       | 41.54                       | -29.59          | 45.95                 | 25.18                   | 54.00          | 12.46       | V                  |
| 14475.050       | 37.28                       | -29.56          | 41.90                 | 24.94                   | 54.00          | 16.72       | V                  |
| 14479.450       | 36.58                       | -29.56          | 41.90                 | 24.24                   | 54.00          | 17.42       | H                  |
| 5350.048        | 41.58                       | -27.82          | 34.20                 | 35.20                   | 54.00          | 12.42       | H                  |
| 5350.160        | 41.47                       | -27.82          | 34.20                 | 35.09                   | 54.00          | 12.53       | H                  |

## Channel 106

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17965.900       | 41.06                       | -29.59          | 45.95                 | 24.70                   | 54.00          | 12.94       | H                  |
| 17988.450       | 41.06                       | -29.59          | 45.95                 | 24.70                   | 54.00          | 12.94       | V                  |
| 14493.200       | 36.64                       | -29.56          | 41.90                 | 24.30                   | 54.00          | 17.36       | H                  |
| 14498.700       | 36.52                       | -29.56          | 41.90                 | 24.18                   | 54.00          | 17.48       | H                  |
| 5459.650        | 46.95                       | -27.49          | 34.20                 | 40.24                   | 54.00          | 7.05        | H                  |
| 5459.425        | 46.70                       | -27.49          | 34.20                 | 39.99                   | 54.00          | 7.30        | H                  |

## Channel 122

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17871.300       | 41.28                       | -29.59          | 45.95                 | 24.92                   | 54.00          | 12.72       | V                  |
| 17960.950       | 41.21                       | -29.59          | 45.95                 | 24.85                   | 54.00          | 12.79       | V                  |
| 14494.850       | 36.75                       | -29.56          | 41.90                 | 24.41                   | 54.00          | 17.25       | V                  |
| 14492.650       | 36.50                       | -29.56          | 41.90                 | 24.16                   | 54.00          | 17.50       | H                  |
| 11888.400       | 34.83                       | -32.53          | 39.10                 | 28.26                   | 54.00          | 19.17       | V                  |
| 11905.450       | 34.69                       | -32.53          | 39.10                 | 28.12                   | 54.00          | 19.31       | V                  |

**PEAK Results:**
**802.11a**
**Channel 36**

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17914.750       | 51.53                       | -29.59          | 45.95                 | 35.17                   | 74.00          | 22.47       | V                  |
| 17980.750       | 50.97                       | -29.59          | 45.95                 | 34.61                   | 74.00          | 23.03       | H                  |
| 14573.500       | 48.14                       | -29.14          | 41.90                 | 35.38                   | 68.20          | 20.06       | H                  |
| 14587.800       | 48.11                       | -29.14          | 41.90                 | 35.35                   | 68.20          | 20.09       | H                  |
| 5149.220        | 56.03                       | -28.00          | 34.00                 | 50.03                   | 74.00          | 17.97       | H                  |
| 5148.060        | 55.77                       | -27.79          | 34.00                 | 49.56                   | 74.00          | 18.23       | H                  |

**Channel 40**

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17875.700       | 51.21                       | -29.59          | 45.95                 | 34.85                   | 74.00          | 22.79       | V                  |
| 17862.500       | 50.78                       | -29.59          | 45.95                 | 34.42                   | 74.00          | 23.22       | V                  |
| 14569.650       | 48.09                       | -29.14          | 41.90                 | 35.33                   | 68.20          | 20.11       | H                  |
| 14547.100       | 47.94                       | -30.55          | 41.90                 | 36.59                   | 68.20          | 20.26       | V                  |
| 11855.400       | 45.93                       | -32.73          | 39.15                 | 39.51                   | 74.00          | 28.07       | H                  |
| 11890.050       | 45.13                       | -32.53          | 39.10                 | 38.56                   | 74.00          | 28.87       | H                  |

**Channel 48**

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.350       | 51.58                       | -29.59          | 45.95                 | 35.22                   | 74.00          | 22.42       | V                  |
| 17863.600       | 51.28                       | -29.59          | 45.95                 | 34.92                   | 74.00          | 22.72       | V                  |
| 14651.600       | 48.06                       | -30.67          | 41.70                 | 37.03                   | 68.20          | 20.14       | H                  |
| 14681.300       | 47.76                       | -30.04          | 41.50                 | 36.30                   | 68.20          | 20.44       | V                  |
| 11869.700       | 45.06                       | -32.73          | 39.15                 | 38.64                   | 74.00          | 28.94       | H                  |
| 11865.300       | 44.93                       | -32.73          | 39.15                 | 38.51                   | 74.00          | 29.07       | V                  |

## Channel 52

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17989.550       | 52.18                       | -29.59          | 45.95                 | 35.82                   | 74.00          | 21.82       | V                  |
| 17935.100       | 51.39                       | -29.59          | 45.95                 | 35.03                   | 74.00          | 22.61       | H                  |
| 14233.050       | 49.06                       | -30.75          | 41.75                 | 38.06                   | 68.20          | 19.14       | V                  |
| 14572.950       | 48.04                       | -29.14          | 41.90                 | 35.28                   | 68.20          | 20.16       | H                  |
| 11864.200       | 45.14                       | -32.73          | 39.15                 | 38.72                   | 74.00          | 28.86       | H                  |
| 11865.850       | 45.13                       | -32.73          | 39.15                 | 38.71                   | 74.00          | 28.87       | H                  |

## Channel 56

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17954.350       | 50.71                       | -29.59          | 45.95                 | 34.35                   | 74.00          | 23.29       | V                  |
| 17945.000       | 50.55                       | -29.59          | 45.95                 | 34.19                   | 74.00          | 23.45       | V                  |
| 14335.350       | 48.26                       | -30.44          | 41.85                 | 36.85                   | 68.20          | 19.94       | V                  |
| 14573.500       | 48.24                       | -29.14          | 41.90                 | 35.48                   | 68.20          | 19.96       | V                  |
| 9652.100        | 45.37                       | -34.18          | 37.60                 | 41.95                   | 68.20          | 22.83       | V                  |
| 11890.600       | 45.25                       | -32.53          | 39.10                 | 38.68                   | 74.00          | 28.75       | V                  |

## Channel 64

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17929.050       | 51.78                       | -29.59          | 45.95                 | 35.42                   | 74.00          | 22.22       | H                  |
| 17954.350       | 51.17                       | -29.59          | 45.95                 | 34.81                   | 74.00          | 22.83       | H                  |
| 14679.650       | 48.08                       | -30.04          | 41.50                 | 36.62                   | 68.20          | 20.12       | V                  |
| 14605.400       | 47.85                       | -30.67          | 41.70                 | 36.82                   | 68.20          | 20.35       | H                  |
| 5407.760        | 51.07                       | -27.94          | 34.30                 | 44.71                   | 74.00          | 22.93       | H                  |
| 5365.520        | 50.81                       | -27.82          | 34.20                 | 44.43                   | 74.00          | 23.19       | V                  |

## Channel 100

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17970.300       | 51.94                       | -29.59          | 45.95                 | 35.58                   | 74.00          | 22.06       | H                  |
| 17986.800       | 51.39                       | -29.59          | 45.95                 | 35.03                   | 74.00          | 22.61       | H                  |
| 14579.000       | 48.31                       | -29.14          | 41.90                 | 35.55                   | 68.20          | 19.89       | H                  |
| 14563.600       | 48.21                       | -29.14          | 41.90                 | 35.45                   | 68.20          | 19.99       | V                  |
| 5458.645        | 54.03                       | -27.49          | 34.20                 | 47.32                   | 74.00          | 19.97       | H                  |
| 5469.670        | 58.16                       | -27.49          | 34.20                 | 51.45                   | 68.20          | 10.04       | H                  |

## Channel 120

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17997.250       | 52.48                       | -29.59          | 45.95                 | 36.12                   | 74.00          | 21.52       | V                  |
| 17985.700       | 51.39                       | -29.59          | 45.95                 | 35.03                   | 74.00          | 22.61       | H                  |
| 14584.500       | 48.31                       | -29.14          | 41.90                 | 35.55                   | 68.20          | 19.89       | H                  |
| 14596.600       | 48.16                       | -29.14          | 41.90                 | 35.40                   | 68.20          | 20.04       | H                  |
| 11841.650       | 45.13                       | -32.73          | 39.15                 | 38.71                   | 74.00          | 28.87       | H                  |
| 11863.650       | 44.81                       | -32.73          | 39.15                 | 38.39                   | 74.00          | 29.19       | V                  |

## Channel 140

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17973.050       | 51.73                       | -29.59          | 45.95                 | 35.37                   | 74.00          | 22.27       | H                  |
| 17975.800       | 51.72                       | -29.59          | 45.95                 | 35.36                   | 74.00          | 22.28       | V                  |
| 14687.350       | 48.51                       | -30.04          | 41.50                 | 37.05                   | 68.20          | 19.69       | V                  |
| 14584.500       | 48.31                       | -29.14          | 41.90                 | 35.55                   | 68.20          | 19.89       | V                  |
| 5725.180        | 53.92                       | -27.47          | 34.10                 | 47.29                   | 68.20          | 14.28       | H                  |
| 5728.645        | 53.83                       | -27.47          | 34.10                 | 47.20                   | 68.20          | 14.37       | H                  |

### 802.11n-HT20

#### Channel 36

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17873.500       | 50.70                       | -29.59          | 45.95                 | 34.34                   | 74.00          | 23.30       | V                  |
| 17993.950       | 50.67                       | -29.59          | 45.95                 | 34.31                   | 74.00          | 23.33       | H                  |
| 14563.600       | 48.21                       | -29.14          | 41.90                 | 35.45                   | 68.20          | 19.99       | H                  |
| 14580.100       | 48.08                       | -29.14          | 41.90                 | 35.32                   | 68.20          | 20.12       | H                  |
| 5149.040        | 58.63                       | -28.00          | 34.00                 | 52.63                   | 74.00          | 15.37       | H                  |
| 5147.620        | 57.20                       | -27.79          | 34.00                 | 50.99                   | 74.00          | 16.80       | H                  |

#### Channel 40

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17879.000       | 50.94                       | -29.59          | 45.95                 | 34.58                   | 74.00          | 23.06       | V                  |
| 17882.850       | 50.56                       | -29.59          | 45.95                 | 34.20                   | 74.00          | 23.44       | V                  |
| 14693.950       | 48.21                       | -30.04          | 41.50                 | 36.75                   | 68.20          | 19.99       | H                  |
| 14561.950       | 48.19                       | -29.14          | 41.90                 | 35.43                   | 68.20          | 20.01       | H                  |
| 11821.850       | 44.53                       | -32.09          | 39.20                 | 37.42                   | 74.00          | 29.47       | V                  |
| 11890.600       | 44.53                       | -32.53          | 39.10                 | 37.96                   | 74.00          | 29.47       | H                  |

#### Channel 48

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17853.150       | 51.11                       | -29.59          | 45.95                 | 34.75                   | 74.00          | 22.89       | V                  |
| 17921.350       | 50.54                       | -29.59          | 45.95                 | 34.18                   | 74.00          | 23.46       | V                  |
| 14580.100       | 48.84                       | -29.14          | 41.90                 | 36.08                   | 68.20          | 19.36       | V                  |
| 14579.550       | 48.32                       | -29.14          | 41.90                 | 35.56                   | 68.20          | 19.88       | V                  |
| 11883.450       | 45.42                       | -32.53          | 39.10                 | 38.85                   | 74.00          | 28.58       | V                  |
| 11761.900       | 45.23                       | -32.71          | 39.20                 | 38.74                   | 74.00          | 28.77       | V                  |

## Channel 52

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17962.050       | 52.28                       | -29.59          | 45.95                 | 35.92                   | 74.00          | 21.72       | V                  |
| 17978.000       | 52.13                       | -29.59          | 45.95                 | 35.77                   | 74.00          | 21.87       | H                  |
| 14573.500       | 49.46                       | -29.14          | 41.90                 | 36.70                   | 68.20          | 18.74       | H                  |
| 14602.650       | 49.42                       | -29.14          | 41.90                 | 36.66                   | 68.20          | 18.78       | H                  |
| 11039.200       | 45.51                       | -33.10          | 38.60                 | 40.01                   | 74.00          | 28.49       | V                  |
| 11750.350       | 45.50                       | -32.71          | 39.20                 | 39.01                   | 74.00          | 28.50       | H                  |

## Channel 56

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17981.850       | 52.45                       | -29.59          | 45.95                 | 36.09                   | 74.00          | 21.55       | V                  |
| 17787.150       | 51.96                       | -29.59          | 45.95                 | 35.60                   | 74.00          | 22.04       | V                  |
| 14666.450       | 48.12                       | -30.04          | 41.50                 | 36.66                   | 68.20          | 20.08       | H                  |
| 14659.300       | 47.96                       | -30.04          | 41.50                 | 36.50                   | 68.20          | 20.24       | H                  |
| 11830.650       | 46.45                       | -32.09          | 39.20                 | 39.34                   | 74.00          | 27.55       | H                  |
| 11791.600       | 45.06                       | -32.09          | 39.20                 | 37.95                   | 74.00          | 28.94       | H                  |

## Channel 64

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17948.300       | 51.60                       | -29.59          | 45.95                 | 35.24                   | 74.00          | 22.40       | V                  |
| 17974.700       | 51.50                       | -29.59          | 45.95                 | 35.14                   | 74.00          | 22.50       | H                  |
| 14539.400       | 48.47                       | -30.55          | 41.90                 | 37.12                   | 68.20          | 19.73       | H                  |
| 14553.700       | 48.34                       | -30.55          | 41.90                 | 36.99                   | 68.20          | 19.86       | H                  |
| 5350.320        | 54.82                       | -27.82          | 34.20                 | 48.44                   | 74.00          | 19.18       | H                  |
| 5351.632        | 53.40                       | -27.82          | 34.20                 | 47.02                   | 74.00          | 20.60       | H                  |

## Channel 100

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17995.050       | 51.31                       | -29.59          | 45.95                 | 34.95                   | 74.00          | 22.69       | V                  |
| 17987.900       | 51.30                       | -29.59          | 45.95                 | 34.94                   | 74.00          | 22.70       | H                  |
| 14596.050       | 48.91                       | -29.14          | 41.90                 | 36.15                   | 68.20          | 19.29       | V                  |
| 14567.450       | 48.01                       | -29.14          | 41.90                 | 35.25                   | 68.20          | 20.19       | H                  |
| 5459.530        | 57.13                       | -27.49          | 34.20                 | 50.42                   | 74.00          | 16.87       | H                  |
| 5469.880        | 58.44                       | -27.49          | 34.20                 | 51.73                   | 68.20          | 9.76        | H                  |

## Channel 120

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17975.800       | 51.74                       | -29.59          | 45.95                 | 35.38                   | 74.00          | 22.26       | V                  |
| 17864.700       | 51.05                       | -29.59          | 45.95                 | 34.69                   | 74.00          | 22.95       | V                  |
| 14558.100       | 49.32                       | -29.14          | 41.90                 | 36.56                   | 68.20          | 18.88       | H                  |
| 14581.200       | 48.83                       | -29.14          | 41.90                 | 36.07                   | 68.20          | 19.37       | V                  |
| 11776.200       | 45.25                       | -32.71          | 39.20                 | 38.76                   | 74.00          | 28.75       | H                  |
| 11874.650       | 45.04                       | -32.73          | 39.15                 | 38.62                   | 74.00          | 28.96       | H                  |

## Channel 140

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17967.550       | 52.21                       | -29.59          | 45.95                 | 35.85                   | 74.00          | 21.79       | V                  |
| 17979.650       | 51.04                       | -29.59          | 45.95                 | 34.68                   | 74.00          | 22.96       | V                  |
| 14581.200       | 48.21                       | -29.14          | 41.90                 | 35.45                   | 68.20          | 19.99       | H                  |
| 14602.650       | 48.07                       | -29.14          | 41.90                 | 35.31                   | 68.20          | 20.13       | H                  |
| 5725.005        | 58.14                       | -27.47          | 34.10                 | 51.51                   | 68.20          | 10.06       | H                  |
| 5726.703        | 57.56                       | -27.47          | 34.10                 | 50.93                   | 68.20          | 10.64       | H                  |

### 802.11n-HT40

#### Channel 38

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17914.200       | 50.83                       | -29.59          | 45.95                 | 34.47                   | 74.00          | 23.17       | H                  |
| 17919.700       | 50.82                       | -29.59          | 45.95                 | 34.46                   | 74.00          | 23.18       | H                  |
| 14547.650       | 48.52                       | -30.55          | 41.90                 | 37.17                   | 68.20          | 19.68       | V                  |
| 14317.750       | 48.31                       | -30.44          | 41.85                 | 36.90                   | 68.20          | 19.89       | V                  |
| 5148.820        | 64.24                       | -28.00          | 34.00                 | 58.24                   | 74.00          | 9.76        | H                  |
| 5149.300        | 62.98                       | -28.00          | 34.00                 | 56.98                   | 74.00          | 11.02       | V                  |

#### Channel 46

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17928.500       | 50.98                       | -29.59          | 45.95                 | 34.62                   | 74.00          | 23.02       | V                  |
| 17786.600       | 50.70                       | -29.59          | 45.95                 | 34.34                   | 74.00          | 23.30       | H                  |
| 14579.000       | 48.67                       | -29.14          | 41.90                 | 35.91                   | 68.20          | 19.53       | H                  |
| 14575.700       | 47.94                       | -29.14          | 41.90                 | 35.18                   | 68.20          | 20.26       | V                  |
| 11911.500       | 44.95                       | -32.53          | 39.10                 | 38.38                   | 74.00          | 29.05       | V                  |
| 11778.950       | 44.68                       | -32.71          | 39.20                 | 38.19                   | 74.00          | 29.32       | H                  |

#### Channel 54

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17962.050       | 51.96                       | -29.59          | 45.95                 | 35.60                   | 74.00          | 22.04       | V                  |
| 17969.200       | 51.66                       | -29.59          | 45.95                 | 35.30                   | 74.00          | 22.34       | V                  |
| 14707.700       | 48.93                       | -30.13          | 41.35                 | 37.71                   | 68.20          | 19.27       | V                  |
| 14542.700       | 47.88                       | -30.55          | 41.90                 | 36.53                   | 68.20          | 20.32       | H                  |
| 11975.850       | 45.27                       | -32.42          | 39.05                 | 38.64                   | 74.00          | 28.73       | H                  |
| 11876.850       | 44.87                       | -32.73          | 39.15                 | 38.45                   | 74.00          | 29.13       | V                  |

### Channel 62

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17957.100       | 51.48                       | -29.59          | 45.95                 | 35.12                   | 74.00          | 22.52       | H                  |
| 17920.250       | 51.32                       | -29.59          | 45.95                 | 34.96                   | 74.00          | 22.68       | V                  |
| 14591.650       | 49.17                       | -29.14          | 41.90                 | 36.41                   | 68.20          | 19.03       | V                  |
| 14588.350       | 48.38                       | -29.14          | 41.90                 | 35.62                   | 68.20          | 19.82       | V                  |
| 5350.144        | 58.61                       | -27.82          | 34.20                 | 52.23                   | 74.00          | 15.39       | H                  |
| 5350.240        | 57.93                       | -27.82          | 34.20                 | 51.55                   | 74.00          | 16.07       | H                  |

### Channel 102

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17974.700       | 52.49                       | -29.59          | 45.95                 | 36.13                   | 74.00          | 21.51       | V                  |
| 17869.100       | 51.85                       | -29.59          | 45.95                 | 35.49                   | 74.00          | 22.15       | V                  |
| 14603.750       | 49.10                       | -29.14          | 41.90                 | 36.34                   | 68.20          | 19.10       | H                  |
| 14599.350       | 48.65                       | -29.14          | 41.90                 | 35.89                   | 68.20          | 19.55       | V                  |
| 5457.820        | 55.59                       | -27.49          | 34.20                 | 48.88                   | 74.00          | 18.41       | H                  |
| 5468.035        | 61.86                       | -27.49          | 34.20                 | 55.15                   | 68.20          | 6.34        | H                  |

### Channel 118

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17990.100       | 52.20                       | -29.59          | 45.95                 | 35.84                   | 74.00          | 21.80       | H                  |
| 17973.050       | 51.75                       | -29.59          | 45.95                 | 35.39                   | 74.00          | 22.25       | H                  |
| 14573.500       | 48.52                       | -29.14          | 41.90                 | 35.76                   | 68.20          | 19.68       | V                  |
| 14680.750       | 48.50                       | -30.04          | 41.50                 | 37.04                   | 68.20          | 19.70       | V                  |
| 11884.000       | 45.53                       | -32.53          | 39.10                 | 38.96                   | 74.00          | 28.47       | H                  |
| 11868.050       | 44.99                       | -32.73          | 39.15                 | 38.57                   | 74.00          | 29.01       | H                  |

## Channel 134

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17990.100       | 51.44                       | -29.59          | 45.95                 | 35.08                   | 74.00          | 22.56       | H                  |
| 17989.550       | 51.09                       | -29.59          | 45.95                 | 34.73                   | 74.00          | 22.91       | H                  |
| 14611.450       | 48.66                       | -30.67          | 41.70                 | 37.63                   | 68.20          | 19.54       | H                  |
| 14576.250       | 48.40                       | -29.14          | 41.90                 | 35.64                   | 68.20          | 19.80       | H                  |
| 5728.190        | 51.22                       | -27.47          | 34.10                 | 44.59                   | 68.20          | 16.98       | H                  |
| 5737.587        | 50.47                       | -27.47          | 34.10                 | 43.84                   | 68.20          | 17.73       | H                  |

**802.11ac-HT20**

## Channel 36

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17724.450       | 51.59                       | -29.47          | 45.90                 | 35.16                   | 74.00          | 22.41       | V                  |
| 17978.550       | 51.19                       | -29.59          | 45.95                 | 34.83                   | 74.00          | 22.81       | H                  |
| 14549.300       | 48.38                       | -30.55          | 41.90                 | 37.03                   | 68.20          | 19.82       | V                  |
| 14607.600       | 48.33                       | -30.67          | 41.70                 | 37.30                   | 68.20          | 19.87       | V                  |
| 5144.960        | 56.78                       | -27.79          | 34.00                 | 50.57                   | 74.00          | 17.22       | H                  |
| 5145.860        | 56.41                       | -27.79          | 34.00                 | 50.20                   | 74.00          | 17.59       | H                  |

## Channel 40

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.150       | 51.64                       | -29.59          | 45.95                 | 35.28                   | 74.00          | 22.36       | H                  |
| 17872.950       | 51.04                       | -29.59          | 45.95                 | 34.68                   | 74.00          | 22.96       | H                  |
| 14668.650       | 48.49                       | -30.04          | 41.50                 | 37.03                   | 68.20          | 19.71       | V                  |
| 14566.350       | 48.27                       | -29.14          | 41.90                 | 35.51                   | 68.20          | 19.93       | V                  |
| 11892.800       | 45.41                       | -32.53          | 39.10                 | 38.84                   | 74.00          | 28.59       | V                  |
| 11980.250       | 45.30                       | -32.66          | 39.00                 | 38.96                   | 74.00          | 28.70       | V                  |

## Channel 48

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17885.600       | 51.80                       | -29.59          | 45.95                 | 35.44                   | 74.00          | 22.20       | V                  |
| 17979.650       | 51.70                       | -29.59          | 45.95                 | 35.34                   | 74.00          | 22.30       | V                  |
| 14591.650       | 48.14                       | -29.14          | 41.90                 | 35.38                   | 68.20          | 20.06       | H                  |
| 14609.250       | 47.87                       | -30.67          | 41.70                 | 36.84                   | 68.20          | 20.33       | H                  |
| 11785.550       | 45.50                       | -32.09          | 39.20                 | 38.39                   | 74.00          | 28.50       | H                  |
| 11907.650       | 45.20                       | -32.53          | 39.10                 | 38.63                   | 74.00          | 28.80       | V                  |

## Channel 52

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17965.350       | 51.47                       | -29.59          | 45.95                 | 35.11                   | 74.00          | 22.53       | H                  |
| 17976.900       | 50.96                       | -29.59          | 45.95                 | 34.60                   | 74.00          | 23.04       | V                  |
| 14163.750       | 48.33                       | -30.42          | 41.70                 | 37.05                   | 68.20          | 19.87       | H                  |
| 14591.100       | 47.81                       | -29.14          | 41.90                 | 35.05                   | 68.20          | 20.39       | V                  |
| 11877.400       | 45.71                       | -32.73          | 39.15                 | 39.29                   | 74.00          | 28.29       | V                  |
| 11871.350       | 45.14                       | -32.73          | 39.15                 | 38.72                   | 74.00          | 28.86       | V                  |

## Channel 56

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17976.900       | 52.18                       | -29.59          | 45.95                 | 35.82                   | 74.00          | 21.82       | V                  |
| 17983.500       | 51.13                       | -29.59          | 45.95                 | 34.77                   | 74.00          | 22.87       | H                  |
| 14581.200       | 48.03                       | -29.14          | 41.90                 | 35.27                   | 68.20          | 20.17       | V                  |
| 14654.900       | 48.02                       | -30.04          | 41.50                 | 36.56                   | 68.20          | 20.18       | V                  |
| 11788.300       | 46.25                       | -32.09          | 39.20                 | 39.14                   | 74.00          | 27.75       | H                  |
| 11847.150       | 45.21                       | -32.73          | 39.15                 | 38.79                   | 74.00          | 28.79       | V                  |

## Channel 64

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17976.900       | 51.55                       | -29.59          | 45.95                 | 35.19                   | 74.00          | 22.45       | V                  |
| 17975.250       | 51.48                       | -29.59          | 45.95                 | 35.12                   | 74.00          | 22.52       | H                  |
| 14583.400       | 48.20                       | -29.14          | 41.90                 | 35.44                   | 68.20          | 20.00       | V                  |
| 14713.750       | 47.96                       | -30.13          | 41.35                 | 36.74                   | 68.20          | 20.24       | V                  |
| 5350.352        | 54.89                       | -27.82          | 34.20                 | 48.51                   | 74.00          | 19.11       | H                  |
| 5350.848        | 53.63                       | -27.82          | 34.20                 | 47.25                   | 74.00          | 20.37       | H                  |

## Channel 100

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17894.400       | 51.48                       | -29.59          | 45.95                 | 35.12                   | 74.00          | 22.52       | V                  |
| 17964.250       | 50.98                       | -29.59          | 45.95                 | 34.62                   | 74.00          | 23.02       | V                  |
| 14577.350       | 49.70                       | -29.14          | 41.90                 | 36.94                   | 68.20          | 18.50       | H                  |
| 14704.400       | 48.04                       | -30.13          | 41.35                 | 36.82                   | 68.20          | 20.16       | H                  |
| 5458.720        | 54.82                       | -27.49          | 34.20                 | 48.11                   | 74.00          | 19.18       | H                  |
| 5468.410        | 56.84                       | -27.49          | 34.20                 | 50.13                   | 68.20          | 11.36       | H                  |

## Channel 120

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17985.150       | 52.12                       | -29.59          | 45.95                 | 35.76                   | 74.00          | 21.88       | V                  |
| 17886.700       | 51.17                       | -29.59          | 45.95                 | 34.81                   | 74.00          | 22.83       | V                  |
| 14596.050       | 48.30                       | -29.14          | 41.90                 | 35.54                   | 68.20          | 19.90       | H                  |
| 14588.900       | 47.98                       | -29.14          | 41.90                 | 35.22                   | 68.20          | 20.22       | H                  |
| 11852.650       | 45.71                       | -32.73          | 39.15                 | 39.29                   | 74.00          | 28.29       | V                  |
| 11867.500       | 45.46                       | -32.73          | 39.15                 | 39.04                   | 74.00          | 28.54       | V                  |

## Channel 140

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17974.700       | 51.29                       | -29.59          | 45.95                 | 34.93                   | 74.00          | 22.71       | V                  |
| 17879.550       | 51.15                       | -29.59          | 45.95                 | 34.79                   | 74.00          | 22.85       | H                  |
| 14329.300       | 48.71                       | -30.44          | 41.85                 | 37.30                   | 68.20          | 19.49       | H                  |
| 14600.450       | 48.43                       | -29.14          | 41.90                 | 35.67                   | 68.20          | 19.77       | V                  |
| 5725.967        | 54.69                       | -27.47          | 34.10                 | 48.06                   | 68.20          | 13.51       | H                  |
| 5725.023        | 54.50                       | -27.47          | 34.10                 | 47.87                   | 68.20          | 13.70       | H                  |

**802.11ac-HT40**

## Channel 38

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17954.350       | 50.86                       | -29.59          | 45.95                 | 34.50                   | 74.00          | 23.14       | H                  |
| 17917.500       | 50.60                       | -29.59          | 45.95                 | 34.24                   | 74.00          | 23.40       | H                  |
| 14577.350       | 49.02                       | -29.14          | 41.90                 | 36.26                   | 68.20          | 19.18       | H                  |
| 13916.800       | 48.04                       | -30.81          | 41.40                 | 37.45                   | 68.20          | 20.16       | V                  |
| 5149.280        | 63.56                       | -28.00          | 34.00                 | 57.56                   | 74.00          | 10.44       | H                  |
| 5147.780        | 62.48                       | -27.79          | 34.00                 | 56.27                   | 74.00          | 11.52       | H                  |

## Channel 46

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17997.800       | 51.53                       | -29.59          | 45.95                 | 35.17                   | 74.00          | 22.47       | V                  |
| 17972.500       | 50.84                       | -29.59          | 45.95                 | 34.48                   | 74.00          | 23.16       | V                  |
| 14594.950       | 48.87                       | -29.14          | 41.90                 | 36.11                   | 68.20          | 19.33       | V                  |
| 14560.850       | 47.93                       | -29.14          | 41.90                 | 35.17                   | 68.20          | 20.27       | H                  |
| 11788.300       | 44.78                       | -32.09          | 39.20                 | 37.67                   | 74.00          | 29.22       | V                  |
| 11746.500       | 44.41                       | -32.71          | 39.20                 | 37.92                   | 74.00          | 29.59       | V                  |

## Channel 54

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17877.350       | 51.98                       | -29.59          | 45.95                 | 35.62                   | 74.00          | 22.02       | H                  |
| 17967.550       | 51.73                       | -29.59          | 45.95                 | 35.37                   | 74.00          | 22.27       | H                  |
| 14601.000       | 48.44                       | -29.14          | 41.90                 | 35.68                   | 68.20          | 19.76       | V                  |
| 14599.900       | 48.41                       | -29.14          | 41.90                 | 35.65                   | 68.20          | 19.79       | H                  |
| 11872.450       | 44.99                       | -32.73          | 39.15                 | 38.57                   | 74.00          | 29.01       | V                  |
| 11774.000       | 44.74                       | -32.71          | 39.20                 | 38.25                   | 74.00          | 29.26       | H                  |

## Channel 62

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17956.000       | 52.46                       | -29.59          | 45.95                 | 36.10                   | 74.00          | 21.54       | H                  |
| 17984.050       | 51.73                       | -29.59          | 45.95                 | 35.37                   | 74.00          | 22.27       | H                  |
| 14655.450       | 47.99                       | -30.04          | 41.50                 | 36.53                   | 68.20          | 20.21       | V                  |
| 14032.300       | 47.65                       | -31.31          | 41.60                 | 37.36                   | 68.20          | 20.55       | V                  |
| 5350.672        | 56.09                       | -27.82          | 34.20                 | 49.71                   | 74.00          | 17.91       | H                  |
| 5351.216        | 55.66                       | -27.82          | 34.20                 | 49.28                   | 74.00          | 18.34       | H                  |

## Channel 102

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17944.450       | 51.84                       | -29.59          | 45.95                 | 35.48                   | 74.00          | 22.16       | V                  |
| 17859.200       | 51.64                       | -29.59          | 45.95                 | 35.28                   | 74.00          | 22.36       | V                  |
| 14642.250       | 48.29                       | -30.67          | 41.70                 | 37.26                   | 68.20          | 19.91       | V                  |
| 14225.900       | 48.13                       | -30.75          | 41.75                 | 37.13                   | 68.20          | 20.07       | V                  |
| 5459.680        | 58.33                       | -27.49          | 34.20                 | 51.62                   | 74.00          | 15.67       | H                  |
| 5469.445        | 66.55                       | -27.49          | 34.20                 | 59.84                   | 68.20          | 1.65        | H                  |

## Channel 118

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17957.650       | 52.25                       | -29.59          | 45.95                 | 35.89                   | 74.00          | 21.75       | V                  |
| 17962.600       | 51.24                       | -29.59          | 45.95                 | 34.88                   | 74.00          | 22.76       | H                  |
| 14691.200       | 48.78                       | -30.04          | 41.50                 | 37.32                   | 68.20          | 19.42       | V                  |
| 14515.200       | 47.88                       | -30.55          | 41.90                 | 36.53                   | 68.20          | 20.32       | H                  |
| 11836.700       | 45.28                       | -32.73          | 39.15                 | 38.86                   | 74.00          | 28.72       | H                  |
| 11775.100       | 44.99                       | -32.71          | 39.20                 | 38.50                   | 74.00          | 29.01       | V                  |

## Channel 134

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17954.900       | 52.59                       | -29.59          | 45.95                 | 36.23                   | 74.00          | 21.41       | H                  |
| 17969.750       | 51.34                       | -29.59          | 45.95                 | 34.98                   | 74.00          | 22.66       | H                  |
| 14712.100       | 47.83                       | -30.13          | 41.35                 | 36.61                   | 68.20          | 20.37       | V                  |
| 14566.900       | 47.76                       | -29.14          | 41.90                 | 35.00                   | 68.20          | 20.44       | V                  |
| 5750.625        | 50.50                       | -27.21          | 34.00                 | 43.71                   | 68.20          | 17.70       | H                  |
| 5757.975        | 50.14                       | -27.21          | 34.00                 | 43.35                   | 68.20          | 18.06       | H                  |

## 802.11ac-HT80

## Channel 42

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17982.950       | 52.06                       | -29.59          | 45.95                 | 35.70                   | 74.00          | 21.94       | H                  |
| 17998.350       | 52.03                       | -29.59          | 45.95                 | 35.67                   | 74.00          | 21.97       | V                  |
| 14614.750       | 48.65                       | -30.67          | 41.70                 | 37.62                   | 68.20          | 19.55       | V                  |
| 14571.850       | 48.52                       | -29.14          | 41.90                 | 35.76                   | 68.20          | 19.68       | H                  |
| 11912.050       | 45.49                       | -32.53          | 39.10                 | 38.92                   | 74.00          | 28.51       | H                  |
| 11910.400       | 45.37                       | -32.53          | 39.10                 | 38.80                   | 74.00          | 28.63       | V                  |

### Channel 58

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.700       | 51.34                       | -29.59          | 45.95                 | 34.98                   | 74.00          | 22.66       | V                  |
| 17982.950       | 51.07                       | -29.59          | 45.95                 | 34.71                   | 74.00          | 22.93       | H                  |
| 14589.450       | 48.51                       | -29.14          | 41.90                 | 35.75                   | 68.20          | 19.69       | H                  |
| 14596.050       | 48.05                       | -29.14          | 41.90                 | 35.29                   | 68.20          | 20.15       | V                  |
| 5356.400        | 56.03                       | -27.82          | 34.20                 | 49.65                   | 74.00          | 17.97       | H                  |
| 5354.400        | 55.98                       | -27.82          | 34.20                 | 49.60                   | 74.00          | 18.02       | H                  |

### Channel 106

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17970.850       | 51.71                       | -29.59          | 45.95                 | 35.35                   | 74.00          | 22.29       | V                  |
| 17945.550       | 51.18                       | -29.59          | 45.95                 | 34.82                   | 74.00          | 22.82       | V                  |
| 14575.700       | 48.62                       | -29.14          | 41.90                 | 35.86                   | 68.20          | 19.58       | V                  |
| 14676.900       | 48.32                       | -30.04          | 41.50                 | 36.86                   | 68.20          | 19.88       | V                  |
| 5459.755        | 61.63                       | -27.49          | 34.20                 | 54.92                   | 74.00          | 12.37       | H                  |
| 5468.545        | 62.62                       | -27.49          | 34.20                 | 55.91                   | 68.20          | 5.58        | H                  |

### Channel 122

| Frequency (MHz) | Measurement Result (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB/m) | Receiver Reading (dBuV) | Limit (dBuV/m) | Margin (dB) | Antenna Pol. (H/V) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17874.600       | 51.15                       | -29.59          | 45.95                 | 34.79                   | 74.00          | 22.85       | V                  |
| 17964.800       | 50.61                       | -29.59          | 45.95                 | 34.25                   | 74.00          | 23.39       | H                  |
| 14695.600       | 48.28                       | -30.04          | 41.50                 | 36.82                   | 68.20          | 19.92       | V                  |
| 14586.150       | 47.72                       | -29.14          | 41.90                 | 34.96                   | 68.20          | 20.48       | V                  |
| 5752.953        | 49.82                       | -27.21          | 34.00                 | 43.03                   | 68.20          | 18.38       | V                  |
| 5727.420        | 49.76                       | -27.47          | 34.10                 | 43.13                   | 68.20          | 18.44       | H                  |

### **A.7. AC Powerline Conducted Emission (150kHz- 30MHz)**

**Test Condition:**

| Voltage (V) | Frequency (Hz) |
|-------------|----------------|
| 120         | 60             |

**Measurement uncertainty:**

Expanded measurement uncertainty for this test item is U =3.10dB, k=2.

**Measurement Result and limit:**

WLAN (Quasi-peak Limit)

| Frequency range<br>(MHz)                                                                                 | Quasi-peak<br>Limit (dBμV) | Result (dBμV)    |        | Conclusion |
|----------------------------------------------------------------------------------------------------------|----------------------------|------------------|--------|------------|
|                                                                                                          |                            | With charger AE5 |        |            |
|                                                                                                          |                            | 802.11a          | Idle   |            |
| 0.15 to 0.5                                                                                              | 66 to 56                   | Fig.58           | Fig.59 | <b>P</b>   |
| 0.5 to 5                                                                                                 | 56                         |                  |        |            |
| 5 to 30                                                                                                  | 60                         |                  |        |            |
| NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz. |                            |                  |        |            |

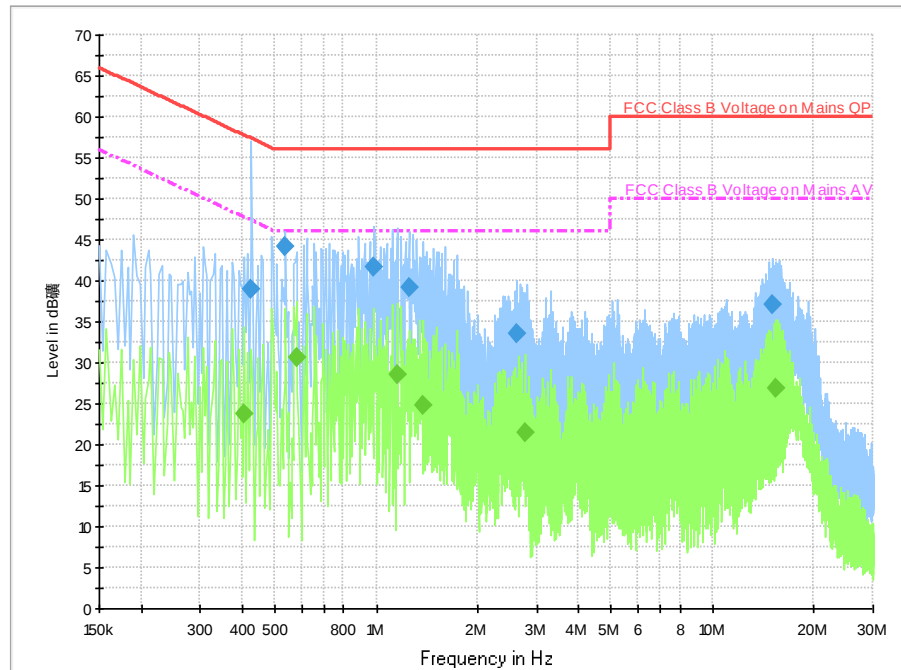
WLAN (Average Limit)

| Frequency range<br>(MHz)                                                                                 | Average Limit<br>(dBμV) | Result (dBμV)    |        | Conclusion |
|----------------------------------------------------------------------------------------------------------|-------------------------|------------------|--------|------------|
|                                                                                                          |                         | With charger AE5 |        |            |
|                                                                                                          |                         | 802.11a          | Idle   |            |
| 0.15 to 0.5                                                                                              | 67 56 to 46             | Fig.58           | Fig.59 | P          |
| 0.5 to 5                                                                                                 | 46                      |                  |        |            |
| 5 to 30                                                                                                  | 50                      |                  |        |            |
| NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz. |                         |                  |        |            |

**Conclusion: PASS**

**Test graphs as below:**

## Traffic:



**Fig.58 Conducted Emission (802.11a, Ch36, TX)**

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

### Final Result 1

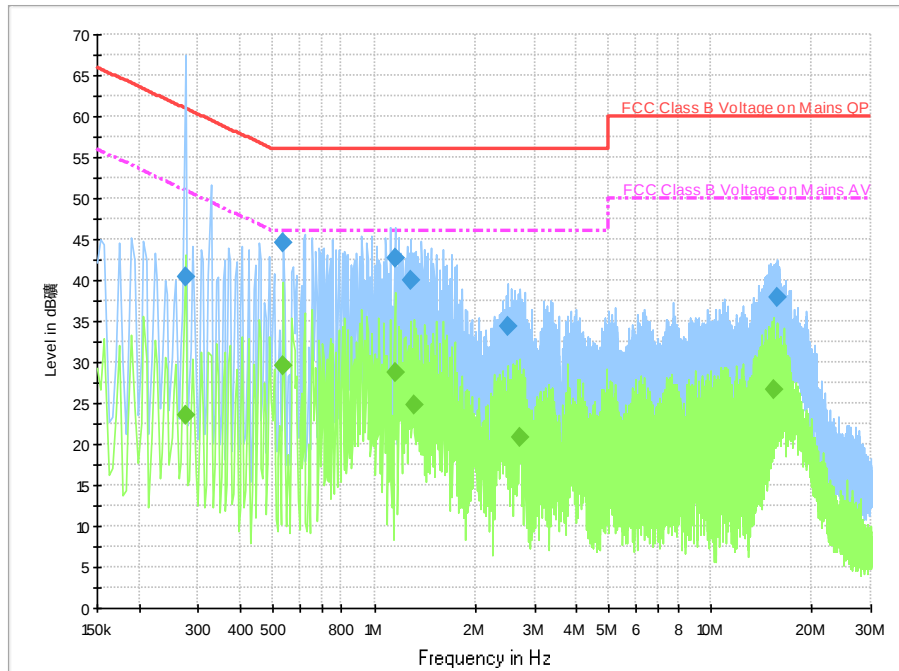
| Frequency<br>(MHz) | QuasiPeak<br>(dBμV) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Filter | Line | Corr.<br>(dB) | Margin<br>(dB) | Limit<br>(dBμV) |
|--------------------|---------------------|--------------------|--------------------|--------|------|---------------|----------------|-----------------|
| 0.426000           | 38.9                | 2000.0             | 9.000              | On     | L1   | 19.7          | 18.4           | 57.3            |
| 0.538000           | 44.2                | 2000.0             | 9.000              | On     | L1   | 19.7          | 11.8           | 56.0            |
| 0.986000           | 41.7                | 2000.0             | 9.000              | On     | L1   | 19.7          | 14.3           | 56.0            |
| 1.250000           | 39.2                | 2000.0             | 9.000              | On     | L1   | 19.6          | 16.8           | 56.0            |
| 2.614000           | 33.6                | 2000.0             | 9.000              | On     | N    | 19.6          | 22.4           | 56.0            |
| 15.038000          | 37.1                | 2000.0             | 9.000              | On     | L1   | 19.7          | 22.9           | 60.0            |

### Final Result 2

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Filter | Line | Corr.<br>(dB) | Margin<br>(dB) | Limit<br>(dBμV) |
|--------------------|---------------------|--------------------|--------------------|--------|------|---------------|----------------|-----------------|
| 0.406000           | 23.8                | 2000.0             | 9.000              | On     | L1   | 19.7          | 23.9           | 47.7            |
| 0.578000           | 30.6                | 2000.0             | 9.000              | On     | N    | 19.7          | 15.4           | 46.0            |
| 1.150000           | 28.6                | 2000.0             | 9.000              | On     | L1   | 19.7          | 17.4           | 46.0            |
| 1.382000           | 24.8                | 2000.0             | 9.000              | On     | L1   | 19.6          | 21.2           | 46.0            |
| 2.762000           | 21.5                | 2000.0             | 9.000              | On     | N    | 19.6          | 24.5           | 46.0            |
| 15.366000          | 26.8                | 2000.0             | 9.000              | On     | L1   | 19.7          | 23.2           | 50.0            |

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

Idle:



**Fig.59 Conducted Emission(802.11a, IDLE)**

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

#### Final Result 1

| Frequency (MHz) | QuasiPeak (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.274000        | 40.5             | 2000.0          | 9.000           | On     | L1   | 19.7       | 20.5        | 61.0         |
| 0.538000        | 44.6             | 2000.0          | 9.000           | On     | L1   | 19.7       | 11.4        | 56.0         |
| 1.150000        | 42.8             | 2000.0          | 9.000           | On     | L1   | 19.7       | 13.2        | 56.0         |
| 1.286000        | 39.9             | 2000.0          | 9.000           | On     | N    | 19.6       | 16.1        | 56.0         |
| 2.494000        | 34.3             | 2000.0          | 9.000           | On     | N    | 19.6       | 21.7        | 56.0         |
| 15.706000       | 37.8             | 2000.0          | 9.000           | On     | L1   | 19.7       | 22.2        | 60.0         |

#### Final Result 2

| Frequency (MHz) | QuasiPeak (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.274000        | 23.5             | 2000.0          | 9.000           | On     | L1   | 19.7       | 27.5        | 51.0         |
| 0.538000        | 29.6             | 2000.0          | 9.000           | On     | L1   | 19.7       | 16.4        | 46.0         |
| 1.150000        | 28.7             | 2000.0          | 9.000           | On     | L1   | 19.7       | 17.3        | 46.0         |
| 1.318000        | 24.8             | 2000.0          | 9.000           | On     | N    | 19.6       | 21.2        | 46.0         |
| 2.698000        | 20.9             | 2000.0          | 9.000           | On     | N    | 19.6       | 25.1        | 46.0         |
| 15.450000       | 26.8             | 2000.0          | 9.000           | On     | L1   | 19.7       | 23.2        | 50.0         |

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

### **A.8. 99% Occupied bandwidth**

Method of Measurement: See ANSI C63.10-2013-clause 12.4.2.

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than  $[10 \log (OBW/RBW)]$  below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

#### **Measurement Uncertainty:**

|                         |         |
|-------------------------|---------|
| Measurement Uncertainty | 60.80Hz |
|-------------------------|---------|

**EUT ID: UT43a**

#### **Measurement Result:**

| Mode                | Frequency | 99% Occupied bandwidth<br>( MHz) |       | conclusion |
|---------------------|-----------|----------------------------------|-------|------------|
| 802.11a             | 5180 MHz  | Fig.60                           | 18.22 | P          |
|                     | 5200 MHz  | Fig.61                           | 18.15 | P          |
|                     | 5240 MHz  | Fig.62                           | 17.92 | P          |
| 802.11ac<br>(VHT20) | 5180 MHz  | Fig.63                           | 18.71 | P          |
|                     | 5200 MHz  | Fig.64                           | 18.53 | P          |
|                     | 5240 MHz  | Fig.65                           | 18.52 | P          |
| 802.11ac<br>(VHT40) | 5190 MHz  | Fig.66                           | 36.85 | P          |
|                     | 5230 MHz  | Fig.67                           | 36.68 | P          |
| 802.11ac<br>(VHT80) | 5210 MHz  | Fig.68                           | 75.64 | P          |

Test graphs as below:

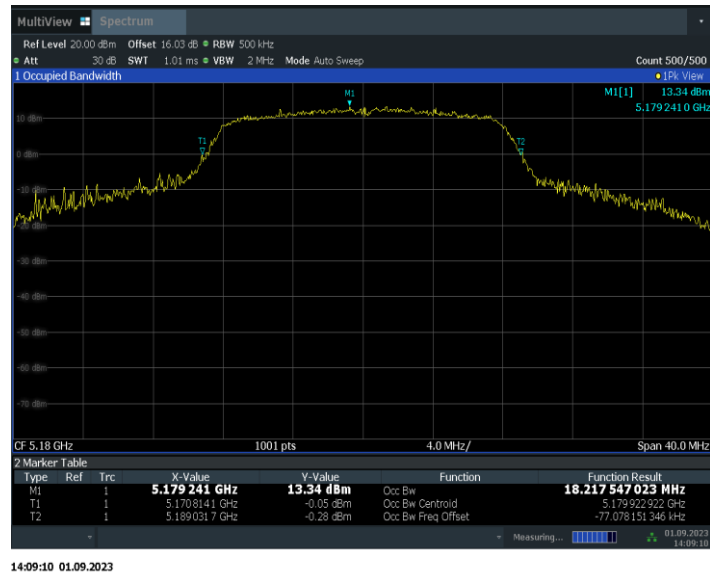
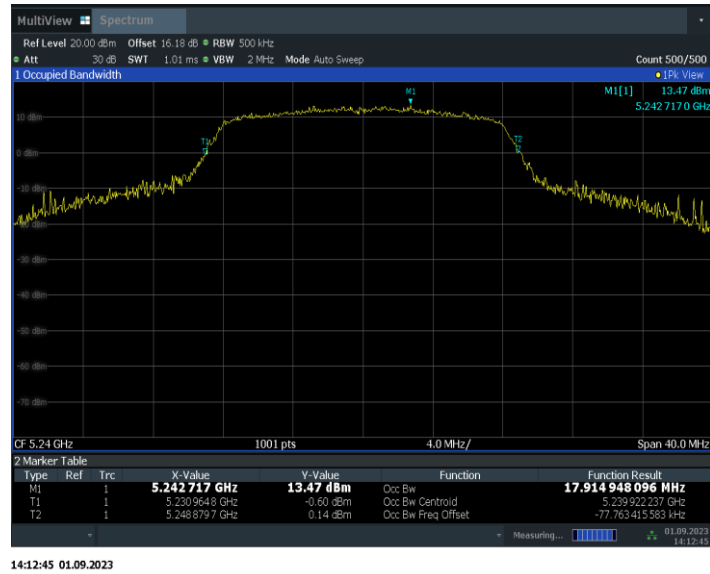


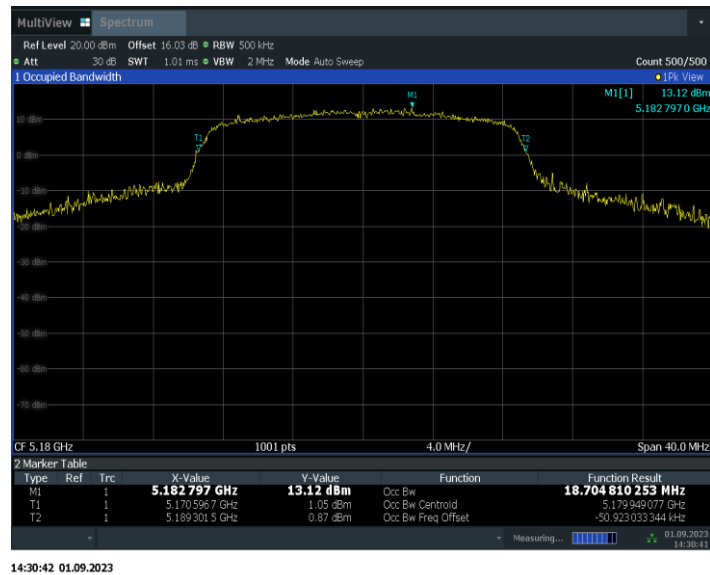
Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)



Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)



**Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)**



**Fig.63 99% Occupied bandwidth (802.11ac-VHT20, 5180MHz)**



Fig.64 99% Occupied bandwidth (802.11ac-VHT20, 5200MHz)

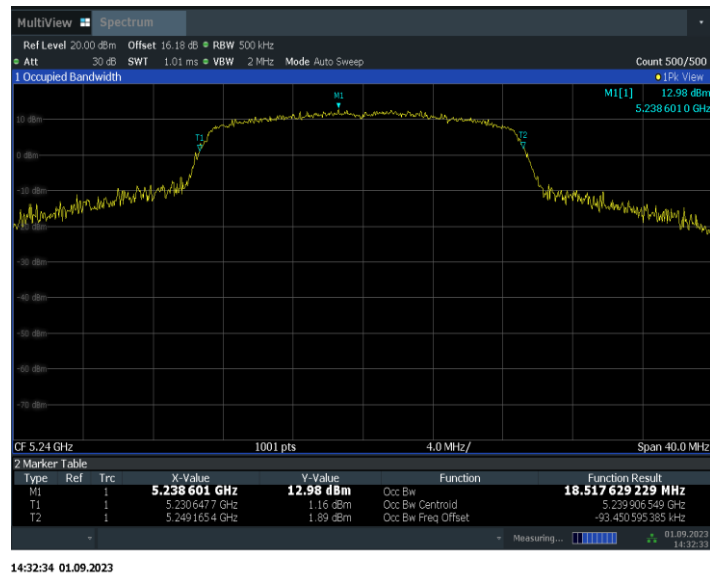


Fig.65 99% Occupied bandwidth (802.11ac-VHT20, 5240MHz)

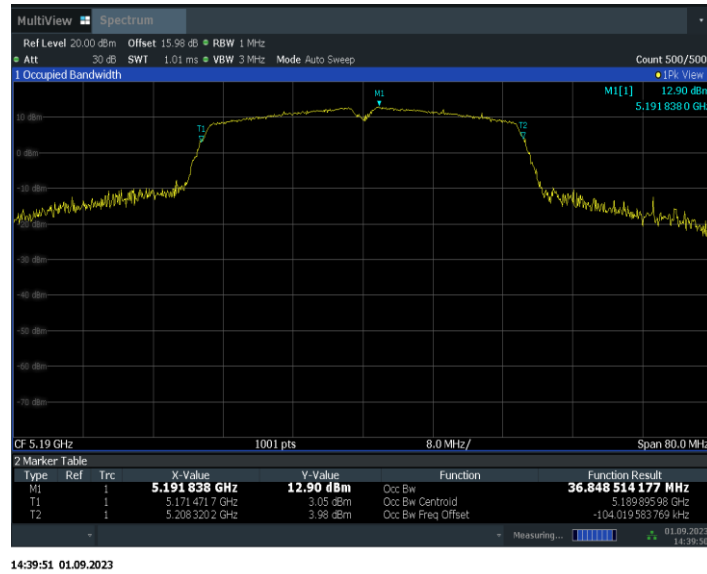


Fig.66 99% Occupied bandwidth (802.11ac-VHT40, 5190MHz)



Fig.67 99% Occupied bandwidth (802.11ac-VHT40, 5230MHz)



**Fig.68 99% Occupied bandwidth (802.11ac-VHT80, 5210MHz)**

**Conclusion: PASS**

### **A.9. Power control**

A Transmission Power Control mechanism is not required for systems with an e.i.r.p. of less than 27dBm (500 mW).

## **ANNEX B: EUT parameters**

Disclaimer: The antenna gain and worse case provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

## ANNEX C: Accreditation Certificate



### Accredited Laboratory

A2LA has accredited

## TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

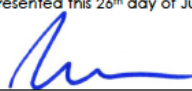
for technical competence in the field of

### Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 26<sup>th</sup> day of June 2023.



Mr. Trace McInturf, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 7049.01  
Valid to July 31, 2024

*For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.*

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