

802.11ac-HT40 mode

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|------------------|-------------------|-------------------|--------------|------------|
| 802.11ac HT40 | 38(5190MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 46(5230MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 54(5270MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 62(5310MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 102(5510MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | | 26.5 GHz ~ 40 GHz | --- | P |
| | 118(5590MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| 134(5670MHz) | 30 MHz ~1 GHz | --- | P | |
| | 1 GHz ~ 3 GHz | --- | P | |
| | 3 GHz ~ 7 GHz | --- | P | |
| | 7 GHz ~ 18 GHz | --- | P | |
| | 18 GHz ~ 26.5 GHz | --- | P | |
| | 26.5 GHz ~ 40 GHz | --- | P | |

802.11ac-HT80 mode

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|-------------------|--------------|-------------------|----------------|------------|
| 802.11ac -HT80 | 42(5210MHz) | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | 58(5290MHz) | 30 MHz ~1 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | 7 GHz ~ 18 GHz | --- | P |
| | | 18 GHz ~ 26.5 GHz | --- | P |
| | 106(5530MHz) | 26.5 GHz ~ 40 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | 122(5610MHz) | 7 GHz ~ 18 GHz | --- | P |
| | | 1 GHz ~ 3 GHz | --- | P |
| | | 3 GHz ~ 7 GHz | --- | P |
| | | | 7 GHz ~ 18 GHz | --- |

Conclusion: PASS

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

$$\text{Result} = P_{Mea} + A_{Rpl} = P_{Mea} + \text{Cable Loss} + \text{Antenna Factor}$$

AVERAGE 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17980.200 | 45.89 | -25.50 | 46.66 | 24.73 | 54.00 | 8.11 | H |
| 17993.400 | 45.84 | -25.50 | 46.66 | 24.68 | 54.00 | 8.16 | V |
| 14488.200 | 39.07 | -28.59 | 42.46 | 25.20 | 54.00 | 14.93 | H |
| 14499.200 | 38.99 | -28.59 | 42.46 | 25.12 | 54.00 | 15.01 | V |
| 5149.500 | 44.93 | -27.61 | 33.67 | 38.87 | 54.00 | 9.07 | H |
| 5149.800 | 44.89 | -27.61 | 33.67 | 38.83 | 54.00 | 9.11 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.800 | 46.00 | -25.50 | 46.66 | 24.84 | 54.00 | 8.00 | H |
| 17985.200 | 45.98 | -25.50 | 46.66 | 24.82 | 54.00 | 8.02 | V |
| 14489.900 | 39.07 | -28.59 | 42.46 | 25.20 | 54.00 | 14.93 | V |
| 14487.700 | 38.99 | -28.59 | 42.46 | 25.12 | 54.00 | 15.01 | H |
| 11831.200 | 34.47 | -31.85 | 39.05 | 27.27 | 54.00 | 19.53 | H |
| 11922.000 | 34.47 | -31.48 | 39.09 | 26.86 | 54.00 | 19.53 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17986.200 | 46.05 | -25.50 | 46.66 | 24.89 | 54.00 | 7.95 | H |
| 17998.300 | 46.03 | -25.50 | 46.66 | 24.87 | 54.00 | 7.97 | V |
| 14478.900 | 39.07 | -28.59 | 42.46 | 25.20 | 54.00 | 14.93 | V |
| 14487.100 | 38.99 | -28.59 | 42.46 | 25.12 | 54.00 | 15.01 | V |
| 11910.400 | 34.49 | -31.85 | 39.05 | 27.29 | 54.00 | 19.51 | V |
| 11899.400 | 34.44 | -31.85 | 39.05 | 27.24 | 54.00 | 19.56 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.200 | 45.77 | -25.50 | 46.66 | 24.61 | 54.00 | 8.23 | H |
| 17995.600 | 45.70 | -25.50 | 46.66 | 24.54 | 54.00 | 8.30 | H |
| 14472.900 | 39.10 | -28.59 | 42.46 | 25.23 | 54.00 | 14.90 | H |
| 14481.100 | 39.01 | -28.59 | 42.46 | 25.14 | 54.00 | 14.99 | H |
| 11812.000 | 34.35 | -31.85 | 39.05 | 27.15 | 54.00 | 19.65 | V |
| 11840.000 | 34.34 | -31.85 | 39.05 | 27.14 | 54.00 | 19.66 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17998.900 | 46.09 | -25.50 | 46.66 | 24.93 | 54.00 | 7.91 | V |
| 17991.200 | 46.01 | -25.50 | 46.66 | 24.85 | 54.00 | 7.99 | V |
| 14488.800 | 39.03 | -28.59 | 42.46 | 25.16 | 54.00 | 14.97 | H |
| 14481.100 | 39.00 | -28.59 | 42.46 | 25.13 | 54.00 | 15.00 | H |
| 11903.200 | 34.42 | -31.85 | 39.05 | 27.22 | 54.00 | 19.58 | V |
| 11899.400 | 34.41 | -31.85 | 39.05 | 27.21 | 54.00 | 19.59 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.900 | 45.93 | -25.50 | 46.66 | 24.77 | 54.00 | 8.07 | H |
| 17997.200 | 45.92 | -25.50 | 46.66 | 24.76 | 54.00 | 8.08 | H |
| 14479.500 | 39.01 | -28.59 | 42.46 | 25.14 | 54.00 | 14.99 | H |
| 14478.400 | 38.94 | -28.59 | 42.46 | 25.07 | 54.00 | 15.06 | H |
| 5350.200 | 47.27 | -27.43 | 34.01 | 40.69 | 54.00 | 6.73 | H |
| 5350.100 | 47.20 | -27.43 | 34.01 | 40.62 | 54.00 | 6.80 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17994.000 | 45.70 | -25.50 | 46.66 | 24.54 | 54.00 | 8.30 | V |
| 17996.200 | 45.60 | -25.50 | 46.66 | 24.44 | 54.00 | 8.40 | H |
| 14498.100 | 38.63 | -28.59 | 42.46 | 24.76 | 54.00 | 15.37 | V |
| 14495.400 | 38.59 | -28.59 | 42.46 | 24.72 | 54.00 | 15.41 | H |
| 5459.300 | 39.73 | -27.18 | 34.17 | 32.74 | 54.00 | 14.27 | H |
| 5459.500 | 39.72 | -27.18 | 34.17 | 32.73 | 54.00 | 14.28 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17998.300 | 45.80 | -25.50 | 46.66 | 24.64 | 54.00 | 8.20 | V |
| 17997.800 | 45.58 | -25.50 | 46.66 | 24.42 | 54.00 | 8.42 | V |
| 14493.800 | 38.64 | -28.59 | 42.46 | 24.77 | 54.00 | 15.36 | V |
| 14498.700 | 38.62 | -28.59 | 42.46 | 24.75 | 54.00 | 15.38 | H |
| 11856.500 | 33.77 | -31.85 | 39.05 | 26.57 | 54.00 | 20.23 | H |
| 11901.600 | 33.67 | -31.85 | 39.05 | 26.47 | 54.00 | 20.33 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17979.100 | 45.44 | -25.50 | 46.66 | 24.28 | 54.00 | 8.56 | H |
| 17994.000 | 45.44 | -25.50 | 46.66 | 24.28 | 54.00 | 8.56 | V |
| 14482.200 | 38.60 | -28.59 | 42.46 | 24.73 | 54.00 | 15.40 | H |
| 14483.300 | 38.53 | -28.59 | 42.46 | 24.66 | 54.00 | 15.47 | V |
| 11825.100 | 33.95 | -31.85 | 39.05 | 26.75 | 54.00 | 20.05 | V |
| 11824.000 | 33.89 | -31.85 | 39.05 | 26.69 | 54.00 | 20.11 | H |

Channel 144

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17997.200 | 45.97 | -25.50 | 46.66 | 24.81 | 54.00 | 8.03 | V |
| 17991.200 | 45.93 | -25.50 | 46.66 | 24.77 | 54.00 | 8.07 | V |
| 14496.500 | 38.98 | -28.59 | 42.46 | 25.11 | 54.00 | 15.02 | V |
| 14497.600 | 38.86 | -28.59 | 42.46 | 24.99 | 54.00 | 15.14 | H |
| 11819.600 | 34.60 | -31.85 | 39.05 | 27.40 | 54.00 | 19.40 | H |
| 11838.400 | 34.52 | -31.85 | 39.05 | 27.32 | 54.00 | 19.48 | V |

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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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17984.000 | 46.35 | -25.50 | 46.66 | 25.19 | 54.00 | 7.65 | V |
| 17987.300 | 46.00 | -25.50 | 46.66 | 24.84 | 54.00 | 8.00 | H |
| 14479.500 | 39.18 | -28.59 | 42.46 | 25.31 | 54.00 | 14.82 | H |
| 14482.200 | 39.07 | -28.59 | 42.46 | 25.20 | 54.00 | 14.93 | H |
| 5150.000 | 45.32 | -27.61 | 33.67 | 39.26 | 54.00 | 8.68 | H |
| 5150.000 | 45.12 | -27.61 | 33.67 | 39.06 | 54.00 | 8.88 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17998.300 | 46.38 | -25.50 | 46.66 | 25.22 | 54.00 | 7.62 | H |
| 17997.800 | 46.19 | -25.50 | 46.66 | 25.03 | 54.00 | 7.81 | H |
| 14477.200 | 38.81 | -28.59 | 42.46 | 24.94 | 54.00 | 15.19 | H |
| 14485.500 | 38.77 | -28.59 | 42.46 | 24.90 | 54.00 | 15.23 | V |
| 11817.500 | 34.69 | -31.85 | 39.05 | 27.49 | 54.00 | 19.31 | V |
| 11812.500 | 34.48 | -31.85 | 39.05 | 27.28 | 54.00 | 19.52 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17997.800 | 46.05 | -25.50 | 46.66 | 24.89 | 54.00 | 7.95 | H |
| 17992.800 | 45.93 | -25.50 | 46.66 | 24.77 | 54.00 | 8.07 | H |
| 14486.000 | 39.19 | -28.59 | 42.46 | 25.32 | 54.00 | 14.81 | V |
| 14476.700 | 39.05 | -28.59 | 42.46 | 25.18 | 54.00 | 14.95 | V |
| 11914.200 | 34.54 | -31.48 | 39.09 | 26.93 | 54.00 | 19.46 | V |
| 11830.100 | 34.48 | -31.85 | 39.05 | 27.28 | 54.00 | 19.52 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17979.100 | 46.00 | -25.50 | 46.66 | 24.84 | 54.00 | 8.00 | H |
| 17993.400 | 45.95 | -25.50 | 46.66 | 24.79 | 54.00 | 8.05 | V |
| 14496.000 | 39.07 | -28.59 | 42.46 | 25.20 | 54.00 | 14.93 | V |
| 14494.900 | 39.06 | -28.59 | 42.46 | 25.19 | 54.00 | 14.94 | V |
| 11899.400 | 34.59 | -31.85 | 39.05 | 27.39 | 54.00 | 19.41 | V |
| 11909.900 | 34.56 | -31.85 | 39.05 | 27.36 | 54.00 | 19.44 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.900 | 45.92 | -25.50 | 46.66 | 24.76 | 54.00 | 8.08 | V |
| 17991.200 | 45.90 | -25.50 | 46.66 | 24.74 | 54.00 | 8.10 | V |
| 14493.200 | 39.19 | -28.59 | 42.46 | 25.32 | 54.00 | 14.81 | V |
| 14482.200 | 38.86 | -28.59 | 42.46 | 24.99 | 54.00 | 15.14 | H |
| 11903.200 | 34.58 | -31.85 | 39.05 | 27.38 | 54.00 | 19.42 | H |
| 11842.200 | 34.56 | -31.85 | 39.05 | 27.36 | 54.00 | 19.44 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.200 | 46.05 | -25.50 | 46.66 | 24.89 | 54.00 | 7.95 | V |
| 17997.200 | 45.92 | -25.50 | 46.66 | 24.76 | 54.00 | 8.08 | V |
| 14484.400 | 39.02 | -28.59 | 42.46 | 25.15 | 54.00 | 14.98 | V |
| 14477.800 | 38.92 | -28.59 | 42.46 | 25.05 | 54.00 | 15.08 | H |
| 5350.300 | 48.32 | -27.43 | 34.01 | 41.74 | 54.00 | 5.68 | H |
| 5350.300 | 48.28 | -27.43 | 34.01 | 41.70 | 54.00 | 5.72 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17998.300 | 45.66 | -25.50 | 46.66 | 24.50 | 54.00 | 8.34 | V |
| 17995.600 | 45.47 | -25.50 | 46.66 | 24.31 | 54.00 | 8.53 | H |
| 14497.000 | 38.50 | -28.59 | 42.46 | 24.63 | 54.00 | 15.50 | H |
| 14473.400 | 38.48 | -28.59 | 42.46 | 24.61 | 54.00 | 15.52 | V |
| 5459.900 | 40.29 | -27.18 | 34.17 | 33.30 | 54.00 | 13.71 | H |
| 5459.900 | 40.14 | -27.18 | 34.17 | 33.15 | 54.00 | 13.86 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17984.000 | 45.56 | -25.50 | 46.66 | 24.40 | 54.00 | 8.44 | H |
| 17995.600 | 45.54 | -25.50 | 46.66 | 24.38 | 54.00 | 8.46 | V |
| 14479.500 | 38.65 | -28.59 | 42.46 | 24.78 | 54.00 | 15.35 | V |
| 14480.500 | 38.47 | -28.59 | 42.46 | 24.60 | 54.00 | 15.53 | V |
| 11889.000 | 33.83 | -31.85 | 39.05 | 26.63 | 54.00 | 20.17 | V |
| 11827.400 | 33.73 | -31.85 | 39.05 | 26.53 | 54.00 | 20.27 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17992.800 | 45.61 | -25.50 | 46.66 | 24.45 | 54.00 | 8.39 | V |
| 17994.000 | 45.61 | -25.50 | 46.66 | 24.45 | 54.00 | 8.39 | H |
| 14498.100 | 38.47 | -28.59 | 42.46 | 24.60 | 54.00 | 15.53 | H |
| 14480.000 | 38.39 | -28.59 | 42.46 | 24.52 | 54.00 | 15.61 | V |
| 11985.800 | 33.86 | -31.48 | 39.09 | 26.25 | 54.00 | 20.14 | V |
| 11821.900 | 33.82 | -31.85 | 39.05 | 26.62 | 54.00 | 20.18 | V |

Channel 144

| 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 | 45.89 | -25.50 | 46.66 | 24.73 | 54.00 | 8.11 | H |
| 17986.200 | 45.85 | -25.50 | 46.66 | 24.69 | 54.00 | 8.15 | H |
| 14491.000 | 39.07 | -28.59 | 42.46 | 25.20 | 54.00 | 14.93 | V |
| 14494.300 | 39.00 | -28.59 | 42.46 | 25.13 | 54.00 | 15.00 | H |
| 11834.000 | 34.65 | -31.85 | 39.05 | 27.45 | 54.00 | 19.35 | H |
| 11999.500 | 34.51 | -31.48 | 39.09 | 26.90 | 54.00 | 19.49 | H |

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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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.200 | 46.20 | -25.50 | 46.66 | 25.04 | 54.00 | 7.80 | H |
| 17995.000 | 46.18 | -25.50 | 46.66 | 25.02 | 54.00 | 7.82 | H |
| 14480.500 | 39.28 | -28.59 | 42.46 | 25.41 | 54.00 | 14.72 | V |
| 14492.100 | 39.22 | -28.59 | 42.46 | 25.35 | 54.00 | 14.78 | V |
| 5149.800 | 49.18 | -27.61 | 33.67 | 43.12 | 54.00 | 4.82 | H |
| 5149.600 | 48.78 | -27.61 | 33.67 | 42.72 | 54.00 | 5.22 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.200 | 45.83 | -25.50 | 46.66 | 24.67 | 54.00 | 8.17 | H |
| 17996.700 | 45.76 | -25.50 | 46.66 | 24.60 | 54.00 | 8.24 | V |
| 14497.000 | 38.94 | -28.59 | 42.46 | 25.07 | 54.00 | 15.06 | V |
| 14488.200 | 38.93 | -28.59 | 42.46 | 25.06 | 54.00 | 15.07 | H |
| 11911.000 | 34.50 | -31.85 | 39.05 | 27.30 | 54.00 | 19.50 | V |
| 11909.900 | 34.36 | -31.85 | 39.05 | 27.16 | 54.00 | 19.64 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.700 | 46.13 | -25.50 | 46.66 | 24.97 | 54.00 | 7.87 | V |
| 17994.000 | 45.83 | -25.50 | 46.66 | 24.67 | 54.00 | 8.17 | H |
| 14481.100 | 39.10 | -28.59 | 42.46 | 25.23 | 54.00 | 14.90 | V |
| 14475.000 | 38.95 | -28.59 | 42.46 | 25.08 | 54.00 | 15.05 | H |
| 11928.000 | 34.31 | -31.48 | 39.09 | 26.70 | 54.00 | 19.69 | V |
| 11994.500 | 34.30 | -31.48 | 39.09 | 26.69 | 54.00 | 19.70 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17953.8 | 56.96 | -25.5 | 46.66 | 35.8 | 74 | 17.04 | V |
| 17979.7 | 56.96 | -25.5 | 46.66 | 35.8 | 74 | 17.04 | H |
| 14361.8 | 51.12 | -28.42 | 42.34 | 37.2 | 68.3 | 17.18 | H |
| 14395.9 | 51.01 | -28.59 | 42.46 | 37.14 | 68.3 | 17.29 | H |
| 5351.1 | 70.66 | -27.43 | 34.01 | 64.08 | 74 | 3.34 | H |
| 5351.2 | 69.23 | -27.43 | 34.01 | 62.65 | 74 | 4.77 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.200 | 45.67 | -25.50 | 46.66 | 24.51 | 54.00 | 8.33 | V |
| 17984.000 | 45.61 | -25.50 | 46.66 | 24.45 | 54.00 | 8.39 | H |
| 14498.100 | 38.65 | -28.59 | 42.46 | 24.78 | 54.00 | 15.35 | H |
| 14494.300 | 38.59 | -28.59 | 42.46 | 24.72 | 54.00 | 15.41 | H |
| 5459.800 | 39.21 | -27.18 | 34.17 | 32.22 | 54.00 | 14.79 | H |
| 5459.500 | 38.99 | -27.18 | 34.17 | 32.00 | 54.00 | 15.01 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17989.000 | 45.65 | -25.50 | 46.66 | 24.49 | 54.00 | 8.35 | H |
| 17991.800 | 45.60 | -25.50 | 46.66 | 24.44 | 54.00 | 8.40 | H |
| 14482.200 | 38.51 | -28.59 | 42.46 | 24.64 | 54.00 | 15.49 | V |
| 14497.000 | 38.42 | -28.59 | 42.46 | 24.55 | 54.00 | 15.58 | H |
| 11944.000 | 33.80 | -31.48 | 39.09 | 26.19 | 54.00 | 20.20 | V |
| 11917.000 | 33.77 | -31.48 | 39.09 | 26.16 | 54.00 | 20.23 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17993.400 | 45.46 | -25.50 | 46.66 | 24.30 | 54.00 | 8.54 | V |
| 17975.800 | 45.18 | -25.50 | 46.66 | 24.02 | 54.00 | 8.82 | H |
| 14499.200 | 38.63 | -28.59 | 42.46 | 24.76 | 54.00 | 15.37 | V |
| 14486.000 | 38.50 | -28.59 | 42.46 | 24.63 | 54.00 | 15.50 | H |
| 11820.800 | 33.60 | -31.85 | 39.05 | 26.40 | 54.00 | 20.40 | V |
| 11821.300 | 33.52 | -31.85 | 39.05 | 26.32 | 54.00 | 20.48 | V |

Channel 142

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17992.300 | 46.04 | -25.50 | 46.66 | 24.88 | 54.00 | 7.96 | H |
| 17986.800 | 45.94 | -25.50 | 46.66 | 24.78 | 54.00 | 8.06 | H |
| 14492.600 | 39.04 | -28.59 | 42.46 | 25.17 | 54.00 | 14.96 | V |
| 14498.700 | 39.04 | -28.59 | 42.46 | 25.17 | 54.00 | 14.96 | H |
| 11821.300 | 34.56 | -31.85 | 39.05 | 27.36 | 54.00 | 19.44 | H |
| 11821.900 | 34.44 | -31.85 | 39.05 | 27.24 | 54.00 | 19.56 | H |

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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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.200 | 46.10 | -25.50 | 46.66 | 24.94 | 54.00 | 7.90 | H |
| 17997.800 | 46.06 | -25.50 | 46.66 | 24.90 | 54.00 | 7.94 | V |
| 14477.800 | 39.30 | -28.59 | 42.46 | 25.43 | 54.00 | 14.70 | H |
| 14492.100 | 39.17 | -28.59 | 42.46 | 25.30 | 54.00 | 14.83 | H |
| 5149.000 | 44.72 | -27.61 | 33.67 | 38.66 | 54.00 | 9.28 | H |
| 5149.700 | 44.58 | -27.61 | 33.67 | 38.52 | 54.00 | 9.42 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17992.800 | 46.18 | -25.50 | 46.66 | 25.02 | 54.00 | 7.82 | H |
| 17984.000 | 46.07 | -25.50 | 46.66 | 24.91 | 54.00 | 7.93 | H |
| 14478.400 | 39.20 | -28.59 | 42.46 | 25.33 | 54.00 | 14.80 | V |
| 14475.000 | 39.06 | -28.59 | 42.46 | 25.19 | 54.00 | 14.94 | H |
| 11822.400 | 34.69 | -31.85 | 39.05 | 27.49 | 54.00 | 19.31 | H |
| 11830.100 | 34.47 | -31.85 | 39.05 | 27.27 | 54.00 | 19.53 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17998.300 | 46.26 | -25.50 | 46.66 | 25.10 | 54.00 | 7.74 | V |
| 17995.600 | 45.94 | -25.50 | 46.66 | 24.78 | 54.00 | 8.06 | V |
| 14497.000 | 39.02 | -28.59 | 42.46 | 25.15 | 54.00 | 14.98 | V |
| 14486.000 | 39.01 | -28.59 | 42.46 | 25.14 | 54.00 | 14.99 | H |
| 11814.700 | 34.62 | -31.85 | 39.05 | 27.42 | 54.00 | 19.38 | H |
| 11813.000 | 34.54 | -31.85 | 39.05 | 27.34 | 54.00 | 19.46 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17989.500 | 46.13 | -25.50 | 46.66 | 24.97 | 54.00 | 7.87 | H |
| 17984.600 | 46.08 | -25.50 | 46.66 | 24.92 | 54.00 | 7.92 | H |
| 14491.500 | 39.18 | -28.59 | 42.46 | 25.31 | 54.00 | 14.82 | V |
| 14495.400 | 38.99 | -28.59 | 42.46 | 25.12 | 54.00 | 15.01 | H |
| 11910.400 | 34.56 | -31.85 | 39.05 | 27.36 | 54.00 | 19.44 | V |
| 11818.500 | 34.49 | -31.85 | 39.05 | 27.29 | 54.00 | 19.51 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.200 | 46.14 | -25.50 | 46.66 | 24.98 | 54.00 | 7.86 | V |
| 17985.700 | 46.03 | -25.50 | 46.66 | 24.87 | 54.00 | 7.97 | V |
| 14482.200 | 38.95 | -28.59 | 42.46 | 25.08 | 54.00 | 15.05 | V |
| 14487.700 | 38.94 | -28.59 | 42.46 | 25.07 | 54.00 | 15.06 | V |
| 11919.800 | 34.63 | -31.48 | 39.09 | 27.02 | 54.00 | 19.37 | V |
| 11913.700 | 34.52 | -31.48 | 39.09 | 26.91 | 54.00 | 19.48 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.900 | 46.16 | -25.50 | 46.66 | 25.00 | 54.00 | 7.84 | V |
| 17991.200 | 46.02 | -25.50 | 46.66 | 24.86 | 54.00 | 7.98 | V |
| 14472.300 | 39.07 | -28.59 | 42.46 | 25.20 | 54.00 | 14.93 | V |
| 14488.200 | 38.99 | -28.59 | 42.46 | 25.12 | 54.00 | 15.01 | V |
| 5350.300 | 48.45 | -27.43 | 34.01 | 41.87 | 54.00 | 5.55 | H |
| 5350.300 | 48.20 | -27.43 | 34.01 | 41.62 | 54.00 | 5.80 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17981.800 | 45.50 | -25.50 | 46.66 | 24.34 | 54.00 | 8.50 | H |
| 17998.900 | 45.50 | -25.50 | 46.66 | 24.34 | 54.00 | 8.50 | H |
| 14490.500 | 38.55 | -28.59 | 42.46 | 24.68 | 54.00 | 15.45 | V |
| 14473.400 | 38.48 | -28.59 | 42.46 | 24.61 | 54.00 | 15.52 | H |
| 5459.800 | 39.66 | -27.18 | 34.17 | 32.67 | 54.00 | 14.34 | H |
| 5459.700 | 39.63 | -27.18 | 34.17 | 32.64 | 54.00 | 14.37 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17992.800 | 45.52 | -25.50 | 46.66 | 24.36 | 54.00 | 8.48 | H |
| 17991.200 | 45.50 | -25.50 | 46.66 | 24.34 | 54.00 | 8.50 | H |
| 14491.000 | 38.69 | -28.59 | 42.46 | 24.82 | 54.00 | 15.31 | V |
| 14498.700 | 38.69 | -28.59 | 42.46 | 24.82 | 54.00 | 15.31 | V |
| 11905.500 | 33.82 | -31.85 | 39.05 | 26.62 | 54.00 | 20.18 | V |
| 11935.100 | 33.72 | -31.48 | 39.09 | 26.11 | 54.00 | 20.28 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17998.900 | 45.71 | -25.50 | 46.66 | 24.55 | 54.00 | 8.29 | V |
| 17997.200 | 45.68 | -25.50 | 46.66 | 24.52 | 54.00 | 8.32 | V |
| 14494.300 | 38.80 | -28.59 | 42.46 | 24.93 | 54.00 | 15.20 | V |
| 14474.000 | 38.41 | -28.59 | 42.46 | 24.54 | 54.00 | 15.59 | V |
| 11987.400 | 34.03 | -31.48 | 39.09 | 26.42 | 54.00 | 19.97 | V |
| 11896.100 | 33.81 | -31.85 | 39.05 | 26.61 | 54.00 | 20.19 | V |

Channel 144

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17998.900 | 46.02 | -25.50 | 46.66 | 24.86 | 54.00 | 7.98 | V |
| 17985.200 | 46.01 | -25.50 | 46.66 | 24.85 | 54.00 | 7.99 | H |
| 14495.400 | 39.14 | -28.59 | 42.46 | 25.27 | 54.00 | 14.86 | V |
| 14497.000 | 39.01 | -28.59 | 42.46 | 25.14 | 54.00 | 14.99 | V |
| 11836.700 | 34.54 | -31.85 | 39.05 | 27.34 | 54.00 | 19.46 | H |
| 11835.000 | 34.45 | -31.85 | 39.05 | 27.25 | 54.00 | 19.55 | H |

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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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.9 | 57.13 | -25.5 | 46.66 | 35.97 | 74 | 16.87 | V |
| 17997.8 | 57.04 | -25.5 | 46.66 | 35.88 | 74 | 16.96 | H |
| 14514.6 | 51.45 | -28.59 | 42.46 | 37.58 | 68.3 | 16.85 | H |
| 14500.9 | 51.12 | -28.59 | 42.46 | 37.25 | 68.3 | 17.18 | H |
| 5149.6 | 69.7 | -27.61 | 33.67 | 63.64 | 74 | 4.3 | H |
| 5148.8 | 69.01 | -27.61 | 33.67 | 62.95 | 74 | 4.99 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17978.500 | 45.89 | -25.50 | 46.66 | 24.73 | 54.00 | 8.11 | V |
| 17995.600 | 45.88 | -25.50 | 46.66 | 24.72 | 54.00 | 8.12 | H |
| 14488.200 | 39.09 | -28.59 | 42.46 | 25.22 | 54.00 | 14.91 | V |
| 14472.300 | 38.98 | -28.59 | 42.46 | 25.11 | 54.00 | 15.02 | H |
| 11939.500 | 34.40 | -31.48 | 39.09 | 26.79 | 54.00 | 19.60 | H |
| 11944.500 | 34.34 | -31.48 | 39.09 | 26.73 | 54.00 | 19.66 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17994.000 | 45.78 | -25.50 | 46.66 | 24.62 | 54.00 | 8.22 | V |
| 17998.900 | 45.72 | -25.50 | 46.66 | 24.56 | 54.00 | 8.28 | V |
| 14481.100 | 39.08 | -28.59 | 42.46 | 25.21 | 54.00 | 14.92 | H |
| 14490.500 | 39.02 | -28.59 | 42.46 | 25.15 | 54.00 | 14.98 | V |
| 11899.400 | 34.51 | -31.85 | 39.05 | 27.31 | 54.00 | 19.49 | H |
| 11817.500 | 34.41 | -31.85 | 39.05 | 27.21 | 54.00 | 19.59 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17964.8 | 57.79 | -25.5 | 46.66 | 36.63 | 74 | 16.21 | V |
| 17978.5 | 57.02 | -25.5 | 46.66 | 35.86 | 74 | 16.98 | H |
| 14318.9 | 51.62 | -28.42 | 42.34 | 37.7 | 68.3 | 16.68 | V |
| 14535 | 51.43 | -28.59 | 42.46 | 37.56 | 68.3 | 16.87 | V |
| 5353.1 | 67.96 | -27.43 | 34.01 | 61.38 | 74 | 6.04 | H |
| 5351.6 | 66.48 | -27.43 | 34.01 | 59.9 | 74 | 7.52 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17986.8 | 56.88 | -25.5 | 46.66 | 35.72 | 74 | 17.12 | V |
| 17984 | 56.82 | -25.5 | 46.66 | 35.66 | 74 | 17.18 | V |
| 14512.5 | 50.88 | -28.59 | 42.46 | 37.01 | 68.3 | 17.42 | H |
| 14505.9 | 50.02 | -28.59 | 42.46 | 36.15 | 68.3 | 18.28 | V |
| 5459.7 | 60.21 | -27.18 | 34.17 | 53.22 | 74 | 13.79 | H |

| | | | | | | | |
|--------|-------|--------|-------|-------|------|------|---|
| 5467.6 | 64.84 | -27.18 | 34.17 | 57.85 | 68.3 | 3.46 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17989.000 | 45.61 | -25.50 | 46.66 | 24.45 | 54.00 | 8.39 | H |
| 17992.800 | 45.40 | -25.50 | 46.66 | 24.24 | 54.00 | 8.60 | V |
| 14499.800 | 38.53 | -28.59 | 42.46 | 24.66 | 54.00 | 15.47 | H |
| 14475.600 | 38.47 | -28.59 | 42.46 | 24.60 | 54.00 | 15.53 | H |
| 11903.200 | 33.65 | -31.85 | 39.05 | 26.45 | 54.00 | 20.35 | V |
| 11935.100 | 33.64 | -31.48 | 39.09 | 26.03 | 54.00 | 20.36 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17997.800 | 45.64 | -25.50 | 46.66 | 24.48 | 54.00 | 8.36 | H |
| 17998.900 | 45.62 | -25.50 | 46.66 | 24.46 | 54.00 | 8.38 | V |
| 14491.000 | 38.28 | -28.59 | 42.46 | 24.41 | 54.00 | 15.72 | V |
| 14486.600 | 38.26 | -28.59 | 42.46 | 24.39 | 54.00 | 15.74 | V |
| 11821.900 | 33.71 | -31.85 | 39.05 | 26.51 | 54.00 | 20.29 | V |
| 11840.000 | 33.57 | -31.85 | 39.05 | 26.37 | 54.00 | 20.43 | V |

Channel 142

| 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 | 45.88 | -25.50 | 46.66 | 24.72 | 54.00 | 8.12 | H |
| 17981.300 | 45.72 | -25.50 | 46.66 | 24.56 | 54.00 | 8.28 | H |
| 14482.800 | 39.20 | -28.59 | 42.46 | 25.33 | 54.00 | 14.80 | H |
| 14483.900 | 39.13 | -28.59 | 42.46 | 25.26 | 54.00 | 14.87 | H |
| 11835.600 | 34.57 | -31.85 | 39.05 | 27.37 | 54.00 | 19.43 | H |
| 11833.400 | 34.56 | -31.85 | 39.05 | 27.36 | 54.00 | 19.44 | V |

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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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17993.4 | 45.28 | -25.5 | 46.66 | 24.12 | 54 | 8.72 | H |
| 17996.2 | 45.18 | -25.5 | 46.66 | 24.02 | 54 | 8.82 | H |
| 14497 | 38.44 | -28.59 | 42.46 | 24.57 | 54 | 15.56 | V |
| 14472.9 | 38.23 | -28.59 | 42.46 | 24.36 | 54 | 15.77 | H |
| 5149.3 | 46.6 | -27.61 | 33.67 | 40.54 | 54 | 7.4 | H |
| 5150 | 46.54 | -27.61 | 33.67 | 40.48 | 54 | 7.46 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17989.5 | 56.33 | -25.5 | 46.66 | 35.17 | 74 | 17.67 | V |
| 17904.8 | 56.22 | -25.5 | 46.66 | 35.06 | 74 | 17.78 | V |
| 14387.6 | 50.52 | -28.42 | 42.34 | 36.6 | 68.3 | 17.78 | H |
| 14509.7 | 50.08 | -28.59 | 42.46 | 36.21 | 68.3 | 18.22 | V |
| 5355.2 | 69.73 | -27.43 | 34.01 | 63.15 | 74 | 4.27 | H |
| 5352.9 | 69.3 | -27.43 | 34.01 | 62.72 | 74 | 4.7 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17980.800 | 45.52 | -25.50 | 46.66 | 24.36 | 54.00 | 8.48 | H |
| 17991.800 | 45.41 | -25.50 | 46.66 | 24.25 | 54.00 | 8.59 | H |
| 14474.500 | 38.45 | -28.59 | 42.46 | 24.58 | 54.00 | 15.55 | V |
| 14492.100 | 38.43 | -28.59 | 42.46 | 24.56 | 54.00 | 15.57 | V |
| 5458.000 | 46.52 | -27.18 | 34.17 | 39.53 | 54.00 | 7.48 | H |
| 5458.300 | 46.43 | -27.18 | 34.17 | 39.44 | 54.00 | 7.57 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.200 | 45.90 | -25.50 | 46.66 | 24.74 | 54.00 | 8.10 | H |
| 17993.400 | 45.52 | -25.50 | 46.66 | 24.36 | 54.00 | 8.48 | V |
| 14476.700 | 38.57 | -28.59 | 42.46 | 24.70 | 54.00 | 15.43 | V |
| 14499.800 | 38.56 | -28.59 | 42.46 | 24.69 | 54.00 | 15.44 | V |
| 11831.200 | 33.80 | -31.85 | 39.05 | 26.60 | 54.00 | 20.20 | V |
| 11818.000 | 33.75 | -31.85 | 39.05 | 26.55 | 54.00 | 20.25 | H |

Channel 138

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17997.200 | 46.05 | -25.50 | 46.66 | 24.89 | 54.00 | 7.95 | H |
| 17996.700 | 45.88 | -25.50 | 46.66 | 24.72 | 54.00 | 8.12 | H |
| 14495.400 | 39.25 | -28.59 | 42.46 | 25.38 | 54.00 | 14.75 | V |
| 14489.900 | 38.90 | -28.59 | 42.46 | 25.03 | 54.00 | 15.10 | H |
| 11835.000 | 34.44 | -31.85 | 39.05 | 27.24 | 54.00 | 19.56 | V |
| 11948.400 | 34.37 | -31.48 | 39.09 | 26.76 | 54.00 | 19.63 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17979.700 | 57.88 | -25.50 | 46.66 | 36.72 | 74.00 | 16.12 | H |
| 17995.600 | 57.11 | -25.50 | 46.66 | 35.95 | 74.00 | 16.89 | V |
| 14509.700 | 50.95 | -28.59 | 42.46 | 37.08 | 68.30 | 17.35 | V |
| 14596.600 | 50.85 | -27.29 | 41.90 | 36.24 | 68.30 | 17.45 | H |
| 5149.500 | 64.46 | -27.61 | 33.67 | 58.40 | 74.00 | 9.54 | H |
| 5146.700 | 64.29 | -27.61 | 33.67 | 58.23 | 74.00 | 9.71 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17982.400 | 58.15 | -25.50 | 46.66 | 36.99 | 74.00 | 15.85 | V |
| 17972.000 | 57.88 | -25.50 | 46.66 | 36.72 | 74.00 | 16.12 | H |
| 14686.200 | 51.57 | -28.32 | 41.35 | 38.55 | 68.30 | 16.73 | H |
| 14400.800 | 51.28 | -28.59 | 42.46 | 37.41 | 68.30 | 17.02 | H |
| 11831.200 | 46.65 | -31.85 | 39.05 | 39.45 | 74.00 | 27.35 | H |
| 11798.800 | 46.36 | -31.85 | 39.05 | 39.16 | 74.00 | 27.64 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17986.200 | 57.92 | -25.50 | 46.66 | 36.76 | 74.00 | 16.08 | H |
| 17937.800 | 57.22 | -25.50 | 46.66 | 36.06 | 74.00 | 16.78 | H |
| 14177.500 | 51.39 | -28.99 | 42.00 | 38.37 | 68.30 | 16.91 | H |
| 14370.500 | 51.21 | -28.42 | 42.34 | 37.29 | 68.30 | 17.09 | H |
| 11931.300 | 46.97 | -31.48 | 39.09 | 39.36 | 74.00 | 27.03 | V |
| 11835.600 | 46.39 | -31.85 | 39.05 | 39.19 | 74.00 | 27.61 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17996.700 | 57.35 | -25.50 | 46.66 | 36.19 | 74.00 | 16.65 | H |
| 17914.200 | 57.14 | -25.50 | 46.66 | 35.98 | 74.00 | 16.86 | H |
| 14610.400 | 51.26 | -27.29 | 41.90 | 36.65 | 68.30 | 17.04 | H |
| 14525.600 | 51.14 | -28.59 | 42.46 | 37.27 | 68.30 | 17.16 | V |
| 11956.000 | 46.80 | -31.48 | 39.09 | 39.19 | 74.00 | 27.20 | V |
| 11815.800 | 46.31 | -31.85 | 39.05 | 39.11 | 74.00 | 27.69 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17972.000 | 57.53 | -25.50 | 46.66 | 36.37 | 74.00 | 16.47 | V |
| 17995.600 | 57.50 | -25.50 | 46.66 | 36.34 | 74.00 | 16.50 | V |
| 14305.100 | 51.59 | -28.42 | 42.34 | 37.67 | 68.30 | 16.71 | V |
| 14413.500 | 51.35 | -28.59 | 42.46 | 37.48 | 68.30 | 16.95 | V |
| 11642.500 | 46.36 | -32.31 | 38.91 | 39.77 | 74.00 | 27.64 | H |

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|-----------|-------|--------|-------|-------|-------|-------|---|
| 11933.000 | 46.27 | -31.48 | 39.09 | 38.66 | 74.00 | 27.73 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17991.200 | 57.82 | -25.50 | 46.66 | 36.66 | 74.00 | 16.18 | V |
| 17907.600 | 57.35 | -25.50 | 46.66 | 36.19 | 74.00 | 16.65 | V |
| 14677.500 | 51.45 | -27.29 | 41.90 | 36.84 | 68.30 | 16.85 | V |
| 14477.800 | 51.14 | -28.59 | 42.46 | 37.27 | 74.00 | 22.86 | V |
| 5351.800 | 68.74 | -27.43 | 34.01 | 62.16 | 74.00 | 5.26 | H |
| 5351.700 | 67.27 | -27.43 | 34.01 | 60.69 | 74.00 | 6.73 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17978.000 | 57.44 | -25.50 | 46.66 | 36.28 | 74.00 | 16.56 | H |
| 17979.700 | 57.37 | -25.50 | 46.66 | 36.21 | 74.00 | 16.63 | H |
| 14449.200 | 50.91 | -28.59 | 42.46 | 37.04 | 68.30 | 17.39 | H |
| 14388.100 | 50.83 | -28.42 | 42.34 | 36.91 | 68.30 | 17.47 | V |
| 5459.600 | 56.37 | -27.18 | 34.17 | 49.38 | 74.00 | 17.63 | H |
| 5469.900 | 63.94 | -27.18 | 34.17 | 56.95 | 68.30 | 4.36 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17980.200 | 56.66 | -25.50 | 46.66 | 35.50 | 74.00 | 17.34 | H |
| 17986.200 | 56.56 | -25.50 | 46.66 | 35.40 | 74.00 | 17.44 | V |
| 14447.000 | 50.50 | -28.59 | 42.46 | 36.63 | 68.30 | 17.80 | V |
| 14144.500 | 50.10 | -28.99 | 42.00 | 37.08 | 68.30 | 18.20 | H |
| 11847.700 | 46.27 | -31.85 | 39.05 | 39.07 | 74.00 | 27.73 | H |
| 11833.400 | 45.18 | -31.85 | 39.05 | 37.98 | 74.00 | 28.82 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17969.200 | 57.08 | -25.50 | 46.66 | 35.92 | 74.00 | 16.92 | V |
| 17976.300 | 56.99 | -25.50 | 46.66 | 35.83 | 74.00 | 17.01 | H |
| 14410.700 | 50.73 | -28.59 | 42.46 | 36.86 | 68.30 | 17.57 | H |
| 14413.500 | 50.61 | -28.59 | 42.46 | 36.74 | 68.30 | 17.69 | V |
| 5725.000 | 63.68 | -27.07 | 34.31 | 56.44 | 68.30 | 4.62 | H |

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|----------|-------|--------|-------|-------|-------|------|---|
| 5727.900 | 63.39 | -27.07 | 34.31 | 56.15 | 68.30 | 4.91 | H |
|----------|-------|--------|-------|-------|-------|------|---|

Channel 144

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17995.600 | 57.17 | -25.50 | 46.66 | 36.01 | 74.00 | 16.83 | V |
| 17965.900 | 56.99 | -25.50 | 46.66 | 35.83 | 74.00 | 17.01 | H |
| 14432.700 | 51.42 | -28.59 | 42.46 | 37.55 | 68.30 | 16.88 | H |
| 14387.000 | 51.33 | -28.42 | 42.34 | 37.41 | 68.30 | 16.97 | H |
| 11979.100 | 46.25 | -31.48 | 39.09 | 38.64 | 74.00 | 27.75 | V |
| 11976.400 | 45.78 | -31.48 | 39.09 | 38.17 | 74.00 | 28.22 | V |

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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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17981.800 | 58.13 | -25.50 | 46.66 | 36.97 | 74.00 | 15.87 | V |
| 17984.000 | 57.51 | -25.50 | 46.66 | 36.35 | 74.00 | 16.49 | V |
| 14412.900 | 51.31 | -28.59 | 42.46 | 37.44 | 68.30 | 16.99 | H |
| 14661.000 | 50.90 | -27.29 | 41.90 | 36.29 | 68.30 | 17.40 | H |
| 5149.900 | 64.14 | -27.61 | 33.67 | 58.08 | 74.00 | 9.86 | H |
| 5150.000 | 64.13 | -27.61 | 33.67 | 58.07 | 74.00 | 9.87 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17994.500 | 57.47 | -25.50 | 46.66 | 36.31 | 74.00 | 16.53 | V |
| 17926.300 | 57.13 | -25.50 | 46.66 | 35.97 | 74.00 | 16.87 | V |
| 14320.500 | 51.16 | -28.42 | 42.34 | 37.24 | 68.30 | 17.14 | H |
| 14398.000 | 51.13 | -28.59 | 42.46 | 37.26 | 68.30 | 17.17 | H |
| 11620.500 | 46.44 | -32.31 | 38.91 | 39.85 | 74.00 | 27.56 | V |
| 11882.900 | 46.43 | -31.85 | 39.05 | 39.23 | 74.00 | 27.57 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17997.200 | 58.63 | -25.50 | 46.66 | 37.47 | 74.00 | 15.37 | V |
| 17907.000 | 57.11 | -25.50 | 46.66 | 35.95 | 74.00 | 16.89 | V |
| 14476.700 | 51.06 | -28.59 | 42.46 | 37.19 | 74.00 | 22.94 | V |
| 14344.700 | 50.95 | -28.42 | 42.34 | 37.03 | 68.30 | 17.35 | V |
| 11638.100 | 46.46 | -32.31 | 38.91 | 39.87 | 74.00 | 27.54 | V |
| 11844.400 | 46.35 | -31.85 | 39.05 | 39.15 | 74.00 | 27.65 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17983.000 | 57.06 | -25.50 | 46.66 | 35.90 | 74.00 | 16.94 | V |
| 17995.000 | 56.97 | -25.50 | 46.66 | 35.81 | 74.00 | 17.03 | H |
| 14376.000 | 50.76 | -28.42 | 42.34 | 36.84 | 68.30 | 17.54 | H |
| 14360.100 | 50.72 | -28.42 | 42.34 | 36.80 | 68.30 | 17.58 | H |
| 11609.000 | 47.18 | -32.31 | 38.91 | 40.59 | 74.00 | 26.82 | V |
| 10650.400 | 46.34 | -32.76 | 38.38 | 40.72 | 74.00 | 27.66 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17989.000 | 57.26 | -25.50 | 46.66 | 36.10 | 74.00 | 16.74 | V |
| 17986.200 | 57.09 | -25.50 | 46.66 | 35.93 | 74.00 | 16.91 | H |
| 14353.000 | 51.51 | -28.42 | 42.34 | 37.59 | 68.30 | 16.79 | V |
| 14411.800 | 51.19 | -28.59 | 42.46 | 37.32 | 68.30 | 17.11 | H |
| 11827.900 | 46.28 | -31.85 | 39.05 | 39.08 | 74.00 | 27.72 | V |
| 11890.600 | 46.24 | -31.85 | 39.05 | 39.04 | 74.00 | 27.76 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17973.000 | 57.57 | -25.50 | 46.66 | 36.41 | 74.00 | 16.43 | V |
| 17985.700 | 57.35 | -25.50 | 46.66 | 36.19 | 74.00 | 16.65 | H |
| 14476.700 | 51.06 | -28.59 | 42.46 | 37.19 | 74.00 | 22.94 | H |
| 14360.100 | 50.79 | -28.42 | 42.34 | 36.87 | 68.30 | 17.51 | H |
| 5350.500 | 67.73 | -27.43 | 34.01 | 61.15 | 74.00 | 6.27 | H |

| | | | | | | | |
|----------|-------|--------|-------|-------|-------|------|---|
| 5353.400 | 66.81 | -27.43 | 34.01 | 60.23 | 74.00 | 7.19 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17979.100 | 56.64 | -25.50 | 46.66 | 35.48 | 74.00 | 17.36 | V |
| 17985.700 | 56.53 | -25.50 | 46.66 | 35.37 | 74.00 | 17.47 | H |
| 14386.000 | 49.95 | -28.42 | 42.34 | 36.03 | 68.30 | 18.35 | H |
| 14318.900 | 49.93 | -28.42 | 42.34 | 36.01 | 68.30 | 18.37 | V |
| 5459.200 | 58.02 | -27.18 | 34.17 | 51.03 | 74.00 | 15.98 | H |
| 5469.800 | 62.96 | -27.18 | 34.17 | 55.97 | 68.30 | 5.34 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17969.200 | 56.87 | -25.50 | 46.66 | 35.71 | 74.00 | 17.13 | H |
| 17952.200 | 56.62 | -25.50 | 46.66 | 35.46 | 74.00 | 17.38 | H |
| 14410.100 | 50.54 | -28.59 | 42.46 | 36.67 | 68.30 | 17.76 | H |
| 14503.100 | 50.43 | -28.59 | 42.46 | 36.56 | 68.30 | 17.87 | H |
| 11806.500 | 45.56 | -31.85 | 39.05 | 38.36 | 74.00 | 28.44 | H |
| 11896.600 | 45.42 | -31.85 | 39.05 | 38.22 | 74.00 | 28.58 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17994.000 | 56.47 | -25.50 | 46.66 | 35.31 | 74.00 | 17.53 | H |
| 17998.300 | 56.41 | -25.50 | 46.66 | 35.25 | 74.00 | 17.59 | V |
| 14381.500 | 50.20 | -28.42 | 42.34 | 36.28 | 68.30 | 18.10 | H |
| 14430.000 | 50.08 | -28.59 | 42.46 | 36.21 | 68.30 | 18.22 | V |
| 5725.800 | 65.12 | -27.07 | 34.31 | 57.88 | 68.30 | 3.18 | H |
| 5725.000 | 64.74 | -27.07 | 34.31 | 57.50 | 68.30 | 3.56 | H |

Channel 144

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17962.000 | 57.16 | -25.50 | 46.66 | 36.00 | 74.00 | 16.84 | V |
| 17932.300 | 56.91 | -25.50 | 46.66 | 35.75 | 74.00 | 17.09 | V |
| 14487.700 | 51.12 | -28.59 | 42.46 | 37.25 | 74.00 | 22.88 | H |
| 14468.500 | 50.86 | -28.59 | 42.46 | 36.99 | 68.30 | 17.44 | H |
| 11946.100 | 46.60 | -31.48 | 39.09 | 38.99 | 74.00 | 27.40 | H |
| 11642.000 | 46.37 | -32.31 | 38.91 | 39.78 | 74.00 | 27.63 | H |

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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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17992.300 | 57.89 | -25.50 | 46.66 | 36.73 | 74.00 | 16.11 | H |
| 17984.600 | 57.60 | -25.50 | 46.66 | 36.44 | 74.00 | 16.40 | V |
| 14532.800 | 51.37 | -28.59 | 42.46 | 37.50 | 68.30 | 16.93 | H |
| 14538.300 | 51.19 | -27.29 | 41.90 | 36.58 | 68.30 | 17.11 | H |
| 5147.700 | 70.21 | -27.61 | 33.67 | 64.15 | 74.00 | 3.79 | H |
| 5148.000 | 69.96 | -27.61 | 33.67 | 63.90 | 74.00 | 4.04 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17909.800 | 57.41 | -25.50 | 46.66 | 36.25 | 74.00 | 16.59 | V |
| 17995.600 | 57.14 | -25.50 | 46.66 | 35.98 | 74.00 | 16.86 | H |
| 14404.600 | 51.06 | -28.59 | 42.46 | 37.19 | 68.30 | 17.24 | V |
| 14488.200 | 51.00 | -28.59 | 42.46 | 37.13 | 74.00 | 23.00 | H |
| 11542.500 | 46.38 | -32.26 | 38.84 | 39.81 | 74.00 | 27.62 | H |
| 11748.700 | 46.32 | -31.99 | 38.98 | 39.33 | 74.00 | 27.68 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17986.200 | 58.04 | -25.50 | 46.66 | 36.88 | 74.00 | 15.96 | V |
| 17965.900 | 57.27 | -25.50 | 46.66 | 36.11 | 74.00 | 16.73 | V |
| 14405.200 | 51.17 | -28.59 | 42.46 | 37.30 | 68.30 | 17.13 | V |
| 14041.100 | 51.13 | -29.44 | 41.66 | 38.91 | 68.30 | 17.17 | H |
| 11743.800 | 46.52 | -31.99 | 38.98 | 39.53 | 74.00 | 27.48 | V |

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|-----------|-------|--------|-------|-------|-------|-------|---|
| 11906.500 | 46.35 | -31.85 | 39.05 | 39.15 | 74.00 | 27.65 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17953.8 | 56.96 | -25.5 | 46.66 | 35.8 | 74 | 17.04 | V |
| 17979.7 | 56.96 | -25.5 | 46.66 | 35.8 | 74 | 17.04 | H |
| 14361.8 | 51.12 | -28.42 | 42.34 | 37.2 | 68.3 | 17.18 | H |
| 14395.9 | 51.01 | -28.59 | 42.46 | 37.14 | 68.3 | 17.29 | H |
| 5351.1 | 70.66 | -27.43 | 34.01 | 64.08 | 74 | 3.34 | H |
| 5351.2 | 69.23 | -27.43 | 34.01 | 62.65 | 74 | 4.77 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17879.000 | 56.62 | -25.50 | 46.66 | 35.46 | 74.00 | 17.38 | V |
| 17980.800 | 56.58 | -25.50 | 46.66 | 35.42 | 74.00 | 17.42 | H |
| 14398.600 | 51.58 | -28.59 | 42.46 | 37.71 | 68.30 | 16.72 | H |
| 14443.100 | 51.10 | -28.59 | 42.46 | 37.23 | 68.30 | 17.20 | V |
| 5459.500 | 55.67 | -27.18 | 34.17 | 48.68 | 74.00 | 18.33 | H |
| 5469.600 | 62.39 | -27.18 | 34.17 | 55.40 | 68.30 | 5.91 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17984.000 | 56.65 | -25.50 | 46.66 | 35.49 | 74.00 | 17.35 | H |
| 17998.900 | 56.30 | -25.50 | 46.66 | 35.14 | 74.00 | 17.70 | V |
| 14313.400 | 50.40 | -28.42 | 42.34 | 36.48 | 68.30 | 17.90 | H |
| 14409.000 | 50.29 | -28.59 | 42.46 | 36.42 | 68.30 | 18.01 | V |
| 11956.600 | 45.07 | -31.48 | 39.09 | 37.46 | 74.00 | 28.93 | V |
| 11844.400 | 45.00 | -31.85 | 39.05 | 37.80 | 74.00 | 29.00 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.300 | 56.65 | -25.50 | 46.66 | 35.49 | 74.00 | 17.35 | V |
| 17986.200 | 56.51 | -25.50 | 46.66 | 35.35 | 74.00 | 17.49 | H |
| 14749.500 | 50.75 | -28.32 | 41.35 | 37.73 | 68.30 | 17.55 | H |
| 14289.700 | 50.27 | -28.42 | 42.34 | 36.35 | 68.30 | 18.03 | V |

| | | | | | | | |
|----------|-------|--------|-------|-------|-------|------|---|
| 5731.500 | 62.84 | -27.07 | 34.31 | 55.60 | 68.30 | 5.46 | H |
| 5726.400 | 62.74 | -27.07 | 34.31 | 55.50 | 68.30 | 5.56 | H |

Channel 142

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17881.800 | 57.08 | -25.50 | 46.66 | 35.92 | 74.00 | 16.92 | V |
| 17906.000 | 56.90 | -25.50 | 46.66 | 35.74 | 74.00 | 17.10 | H |
| 14388.100 | 51.57 | -28.42 | 42.34 | 37.65 | 68.30 | 16.73 | H |
| 14443.700 | 50.93 | -28.59 | 42.46 | 37.06 | 68.30 | 17.37 | H |
| 11640.900 | 46.71 | -32.31 | 38.91 | 40.12 | 74.00 | 27.29 | H |
| 11923.000 | 46.49 | -31.48 | 39.09 | 38.88 | 74.00 | 27.51 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17977.500 | 57.45 | -25.50 | 46.66 | 36.29 | 74.00 | 16.55 | H |
| 17985.700 | 57.16 | -25.50 | 46.66 | 36.00 | 74.00 | 16.84 | H |
| 14406.300 | 51.14 | -28.59 | 42.46 | 37.27 | 68.30 | 17.16 | H |
| 14410.700 | 50.85 | -28.59 | 42.46 | 36.98 | 68.30 | 17.45 | H |
| 5148.200 | 66.18 | -27.61 | 33.67 | 60.12 | 74.00 | 7.82 | H |
| 5148.300 | 64.70 | -27.61 | 33.67 | 58.64 | 74.00 | 9.30 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17978.000 | 57.88 | -25.50 | 46.66 | 36.72 | 74.00 | 16.12 | V |
| 17983.500 | 57.28 | -25.50 | 46.66 | 36.12 | 74.00 | 16.72 | H |
| 14402.500 | 52.50 | -28.59 | 42.46 | 38.63 | 68.30 | 15.80 | V |
| 14408.500 | 51.65 | -28.59 | 42.46 | 37.78 | 68.30 | 16.65 | V |
| 11984.100 | 46.46 | -31.48 | 39.09 | 38.85 | 74.00 | 27.54 | H |
| 11870.200 | 46.15 | -31.85 | 39.05 | 38.95 | 74.00 | 27.85 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17995.600 | 57.41 | -25.50 | 46.66 | 36.25 | 74.00 | 16.59 | V |
| 17981.300 | 57.27 | -25.50 | 46.66 | 36.11 | 74.00 | 16.73 | V |
| 14939.200 | 50.83 | -28.59 | 40.79 | 38.63 | 68.30 | 17.47 | H |
| 14720.900 | 50.76 | -28.32 | 41.35 | 37.74 | 68.30 | 17.54 | H |
| 11995.100 | 47.19 | -31.48 | 39.09 | 39.58 | 74.00 | 26.81 | V |
| 11632.100 | 46.94 | -32.31 | 38.91 | 40.35 | 74.00 | 27.06 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17976.900 | 57.06 | -25.50 | 46.66 | 35.90 | 74.00 | 16.94 | H |
| 17977.500 | 57.04 | -25.50 | 46.66 | 35.88 | 74.00 | 16.96 | V |
| 14711.500 | 51.55 | -28.32 | 41.35 | 38.53 | 68.30 | 16.75 | H |
| 14707.700 | 51.10 | -28.32 | 41.35 | 38.08 | 68.30 | 17.20 | H |
| 11910.400 | 47.14 | -31.85 | 39.05 | 39.94 | 74.00 | 26.86 | V |
| 11921.400 | 46.44 | -31.48 | 39.09 | 38.83 | 74.00 | 27.56 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17985.200 | 57.47 | -25.50 | 46.66 | 36.31 | 74.00 | 16.53 | V |
| 17981.300 | 57.19 | -25.50 | 46.66 | 36.03 | 74.00 | 16.81 | V |
| 14503.100 | 51.13 | -28.59 | 42.46 | 37.26 | 68.30 | 17.17 | H |
| 14411.800 | 51.03 | -28.59 | 42.46 | 37.16 | 68.30 | 17.27 | H |
| 11206.400 | 46.16 | -32.60 | 38.75 | 40.02 | 74.00 | 27.84 | V |
| 11796.000 | 46.00 | -31.85 | 39.05 | 38.80 | 74.00 | 28.00 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17976.300 | 57.60 | -25.50 | 46.66 | 36.44 | 74.00 | 16.40 | H |
| 17990.100 | 57.26 | -25.50 | 46.66 | 36.10 | 74.00 | 16.74 | V |
| 14402.500 | 51.60 | -28.59 | 42.46 | 37.73 | 68.30 | 16.70 | H |
| 14702.800 | 51.30 | -28.32 | 41.35 | 38.28 | 68.30 | 17.00 | V |
| 5350.300 | 69.26 | -27.43 | 34.01 | 62.68 | 74.00 | 4.74 | H |
| 5350.100 | 67.40 | -27.43 | 34.01 | 60.82 | 74.00 | 6.60 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17910.300 | 57.52 | -25.50 | 46.66 | 36.36 | 74.00 | 16.48 | V |
| 17973.000 | 56.97 | -25.50 | 46.66 | 35.81 | 74.00 | 17.03 | V |
| 14480.000 | 51.20 | -28.59 | 42.46 | 37.33 | 74.00 | 22.80 | H |
| 14302.900 | 50.41 | -28.42 | 42.34 | 36.49 | 68.30 | 17.89 | V |
| 5459.700 | 58.50 | -27.18 | 34.17 | 51.51 | 74.00 | 15.50 | H |
| 5468.400 | 61.58 | -27.18 | 34.17 | 54.59 | 68.30 | 6.72 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17909.200 | 56.55 | -25.50 | 46.66 | 35.39 | 74.00 | 17.45 | V |
| 17995.600 | 56.29 | -25.50 | 46.66 | 35.13 | 74.00 | 17.71 | V |
| 14515.800 | 50.43 | -28.59 | 42.46 | 36.56 | 68.30 | 17.87 | H |
| 14964.500 | 50.20 | -28.59 | 40.79 | 38.00 | 68.30 | 18.10 | H |
| 11641.500 | 45.56 | -32.31 | 38.91 | 38.97 | 74.00 | 28.44 | H |
| 11902.100 | 45.32 | -31.85 | 39.05 | 38.12 | 74.00 | 28.68 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17977.500 | 56.01 | -25.50 | 46.66 | 34.85 | 74.00 | 17.99 | V |
| 17986.200 | 55.93 | -25.50 | 46.66 | 34.77 | 74.00 | 18.07 | V |
| 14499.800 | 49.79 | -28.59 | 42.46 | 35.92 | 74.00 | 24.21 | V |
| 14548.200 | 49.71 | -27.29 | 41.90 | 35.10 | 68.30 | 18.59 | V |
| 5725.200 | 60.91 | -27.07 | 34.31 | 53.67 | 68.30 | 7.39 | H |
| 5725.200 | 60.85 | -27.07 | 34.31 | 53.61 | 68.30 | 7.45 | H |

Channel 144

| 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 | 57.39 | -25.50 | 46.66 | 36.23 | 74.00 | 16.61 | H |
| 17990.700 | 57.26 | -25.50 | 46.66 | 36.10 | 74.00 | 16.74 | H |
| 14527.300 | 51.05 | -28.59 | 42.46 | 37.18 | 68.30 | 17.25 | V |
| 14606.500 | 51.02 | -27.29 | 41.90 | 36.41 | 68.30 | 17.28 | V |
| 11988.000 | 46.37 | -31.48 | 39.09 | 38.76 | 74.00 | 27.63 | H |
| 11821.300 | 46.24 | -31.85 | 39.05 | 39.04 | 74.00 | 27.76 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17987.900 | 57.13 | -25.50 | 46.66 | 35.97 | 74.00 | 16.87 | V |
| 17997.800 | 57.04 | -25.50 | 46.66 | 35.88 | 74.00 | 16.96 | H |
| 14514.600 | 51.45 | -28.59 | 42.46 | 37.58 | 68.30 | 16.85 | H |
| 14500.900 | 51.12 | -28.59 | 42.46 | 37.25 | 68.30 | 17.18 | H |
| 5147.300 | 69.94 | -27.61 | 33.67 | 63.88 | 74.00 | 4.06 | H |
| 5149.300 | 69.88 | -27.61 | 33.67 | 63.82 | 74.00 | 4.12 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17915.300 | 57.49 | -25.50 | 46.66 | 36.33 | 74.00 | 16.51 | H |
| 17989.500 | 57.42 | -25.50 | 46.66 | 36.26 | 74.00 | 16.58 | H |
| 14401.400 | 51.59 | -28.59 | 42.46 | 37.72 | 68.30 | 16.71 | V |
| 14357.900 | 50.99 | -28.42 | 42.34 | 37.07 | 68.30 | 17.31 | V |
| 11715.700 | 46.30 | -31.99 | 38.98 | 39.31 | 74.00 | 27.70 | V |
| 11865.300 | 46.24 | -31.85 | 39.05 | 39.04 | 74.00 | 27.76 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17973.600 | 57.68 | -25.50 | 46.66 | 36.52 | 74.00 | 16.32 | H |
| 17996.700 | 57.55 | -25.50 | 46.66 | 36.39 | 74.00 | 16.45 | H |
| 14506.400 | 50.97 | -28.59 | 42.46 | 37.10 | 68.30 | 17.33 | V |
| 14505.900 | 50.83 | -28.59 | 42.46 | 36.96 | 68.30 | 17.47 | H |
| 11895.000 | 47.58 | -31.85 | 39.05 | 40.38 | 74.00 | 26.42 | V |
| 11791.000 | 46.30 | -31.99 | 38.98 | 39.31 | 74.00 | 27.70 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17964.8 | 57.79 | -25.5 | 46.66 | 36.63 | 74 | 16.21 | V |
| 17978.5 | 57.02 | -25.5 | 46.66 | 35.86 | 74 | 16.98 | H |
| 14318.9 | 51.62 | -28.42 | 42.34 | 37.7 | 68.3 | 16.68 | V |
| 14535 | 51.43 | -28.59 | 42.46 | 37.56 | 68.3 | 16.87 | V |
| 5353.1 | 67.96 | -27.43 | 34.01 | 61.38 | 74 | 6.04 | H |
| 5351.6 | 66.48 | -27.43 | 34.01 | 59.9 | 74 | 7.52 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17986.8 | 56.88 | -25.5 | 46.66 | 35.72 | 74 | 17.12 | V |
| 17984 | 56.82 | -25.5 | 46.66 | 35.66 | 74 | 17.18 | V |
| 14512.5 | 50.88 | -28.59 | 42.46 | 37.01 | 68.3 | 17.42 | H |
| 14505.9 | 50.02 | -28.59 | 42.46 | 36.15 | 68.3 | 18.28 | V |
| 5459.7 | 60.21 | -27.18 | 34.17 | 53.22 | 74 | 13.79 | H |
| 5467.6 | 64.84 | -27.18 | 34.17 | 57.85 | 68.3 | 3.46 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17972.500 | 57.37 | -25.50 | 46.66 | 36.21 | 74.00 | 16.63 | H |
| 17995.000 | 56.41 | -25.50 | 46.66 | 35.25 | 74.00 | 17.59 | H |
| 14429.400 | 52.13 | -28.59 | 42.46 | 38.26 | 68.30 | 16.17 | V |
| 14644.500 | 50.58 | -27.29 | 41.90 | 35.97 | 68.30 | 17.72 | V |
| 11916.500 | 46.37 | -31.48 | 39.09 | 38.76 | 74.00 | 27.63 | H |

| | | | | | | | |
|-----------|-------|--------|-------|-------|-------|-------|---|
| 11928.000 | 45.26 | -31.48 | 39.09 | 37.65 | 74.00 | 28.74 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17983.000 | 56.31 | -25.50 | 46.66 | 35.15 | 74.00 | 17.69 | V |
| 17995.000 | 56.24 | -25.50 | 46.66 | 35.08 | 74.00 | 17.76 | H |
| 14560.900 | 50.64 | -27.29 | 41.90 | 36.03 | 68.30 | 17.66 | H |
| 14183.000 | 50.52 | -28.99 | 42.00 | 37.50 | 68.30 | 17.78 | V |
| 5728.000 | 62.20 | -27.07 | 34.31 | 54.96 | 68.30 | 6.10 | H |
| 5729.900 | 61.98 | -27.07 | 34.31 | 54.74 | 68.30 | 6.32 | H |

Channel 142

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17988.500 | 57.54 | -25.50 | 46.66 | 36.38 | 74.00 | 16.46 | V |
| 17952.200 | 57.07 | -25.50 | 46.66 | 35.91 | 74.00 | 16.93 | H |
| 14437.100 | 51.44 | -28.59 | 42.46 | 37.57 | 68.30 | 16.86 | H |
| 14678.500 | 50.98 | -27.29 | 41.90 | 36.37 | 68.30 | 17.32 | V |
| 11837.200 | 46.04 | -31.85 | 39.05 | 38.84 | 74.00 | 27.96 | V |
| 11993.500 | 46.03 | -31.48 | 39.09 | 38.42 | 74.00 | 27.97 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17876.2 | 56.26 | -25.5 | 46.66 | 35.1 | 74 | 17.74 | H |
| 17990.7 | 56.18 | -25.5 | 46.66 | 35.02 | 74 | 17.82 | V |
| 14637.3 | 49.76 | -27.29 | 41.9 | 35.15 | 68.3 | 18.54 | H |
| 14433.2 | 49.75 | -28.59 | 42.46 | 35.88 | 68.3 | 18.55 | V |
| 5149.5 | 65.69 | -27.61 | 33.67 | 59.63 | 74 | 8.31 | H |
| 5142.5 | 65.21 | -27.61 | 33.67 | 59.15 | 74 | 8.79 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17989.5 | 56.33 | -25.5 | 46.66 | 35.17 | 74 | 17.67 | V |
| 17904.8 | 56.22 | -25.5 | 46.66 | 35.06 | 74 | 17.78 | V |
| 14387.6 | 50.52 | -28.42 | 42.34 | 36.6 | 68.3 | 17.78 | H |
| 14509.7 | 50.08 | -28.59 | 42.46 | 36.21 | 68.3 | 18.22 | V |
| 5355.2 | 69.73 | -27.43 | 34.01 | 63.15 | 74 | 4.27 | H |
| 5352.9 | 69.3 | -27.43 | 34.01 | 62.72 | 74 | 4.7 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17980.800 | 57.19 | -25.50 | 46.66 | 36.03 | 74.00 | 16.81 | H |
| 17974.700 | 56.86 | -25.50 | 46.66 | 35.70 | 74.00 | 17.14 | V |
| 14310.600 | 51.16 | -28.42 | 42.34 | 37.24 | 68.30 | 17.14 | V |
| 14489.900 | 50.47 | -28.59 | 42.46 | 36.60 | 74.00 | 23.53 | V |
| 5448.500 | 66.09 | -27.18 | 34.17 | 59.10 | 74.00 | 7.91 | H |
| 5467.000 | 64.70 | -27.18 | 34.17 | 57.71 | 68.30 | 3.60 | 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17958.800 | 57.01 | -25.50 | 46.66 | 35.85 | 74.00 | 16.99 | H |
| 17986.800 | 56.45 | -25.50 | 46.66 | 35.29 | 74.00 | 17.55 | H |
| 14413.500 | 50.96 | -28.59 | 42.46 | 37.09 | 68.30 | 17.34 | H |
| 14302.400 | 50.51 | -28.42 | 42.34 | 36.59 | 68.30 | 17.79 | V |
| 5727.300 | 61.49 | -27.07 | 34.31 | 54.25 | 68.30 | 6.81 | H |
| 5734.600 | 61.38 | -27.07 | 34.31 | 54.14 | 68.30 | 6.92 | H |

Channel 138

| 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) |
|-----------------|-----------------------------|-----------------|-----------------------|-------------------------|----------------|-------------|--------------------|
| 17893.300 | 57.32 | -25.50 | 46.66 | 36.16 | 74.00 | 16.68 | H |
| 17982.400 | 57.05 | -25.50 | 46.66 | 35.89 | 74.00 | 16.95 | H |
| 14468.500 | 51.29 | -28.59 | 42.46 | 37.42 | 68.30 | 17.01 | H |
| 14343.600 | 51.09 | -28.42 | 42.34 | 37.17 | 68.30 | 17.21 | V |
| 11852.100 | 46.67 | -31.85 | 39.05 | 39.47 | 74.00 | 27.33 | V |
| 11921.400 | 46.61 | -31.48 | 39.09 | 39.00 | 74.00 | 27.39 | V |

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 (MHz) | Quasi-peak Limit (dB μ V) | Result (dB μ V) | | Conclusion |
|-----------------------|-------------------------------|---------------------|--------|------------|
| | | With charger AE5 | | |
| | | 802.11a | Idle | |
| 0.15 to 0.5 | 66 to 56 | Fig.54 | Fig.55 | P |
| 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 (MHz) | Average Limit (dB μ V) | Result (dB μ V) | | Conclusion |
|-----------------------|----------------------------|---------------------|--------|------------|
| | | With charger AE5 | | |
| | | 802.11a | Idle | |
| 0.15 to 0.5 | 67 56 to 46 | Fig.54 | Fig.55 | 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:

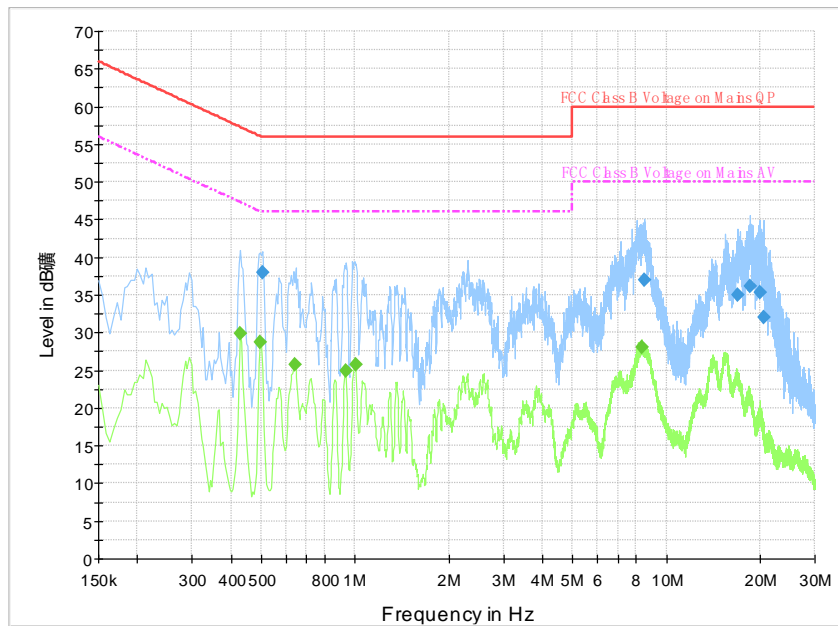


Fig.54 Conducted Emission (802.11a, Ch36, TX)

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

Final Result 1

| Frequency(MHz) | QuasiPeak(dBµV) | Line | Margin(dB) | Limit(dBµV) |
|----------------|-----------------|------|------------|-------------|
| 0.505500 | 38.0 | N | 18.0 | 56.0 |
| 8.502000 | 37.0 | N | 23.0 | 60.0 |
| 16.993500 | 35.0 | L1 | 25.0 | 60.0 |
| 18.663000 | 36.2 | L1 | 23.8 | 60.0 |
| 20.044500 | 35.3 | L1 | 24.7 | 60.0 |
| 20.526000 | 32.0 | L1 | 28.0 | 60.0 |

Final Result 2

| Frequency(MHz) | Average(dBµV) | Line | Margin(dB) | Limit(dBµV) |
|----------------|---------------|------|------------|-------------|
| 0.429000 | 29.9 | N | 17.3 | 47.3 |
| 0.496500 | 28.8 | N | 17.3 | 46.1 |
| 0.640500 | 25.7 | N | 20.3 | 46.0 |
| 0.933000 | 24.9 | L1 | 21.1 | 46.0 |
| 1.005000 | 25.7 | L1 | 20.3 | 46.0 |
| 8.376000 | 28.1 | L1 | 21.9 | 50.0 |

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

Idle:

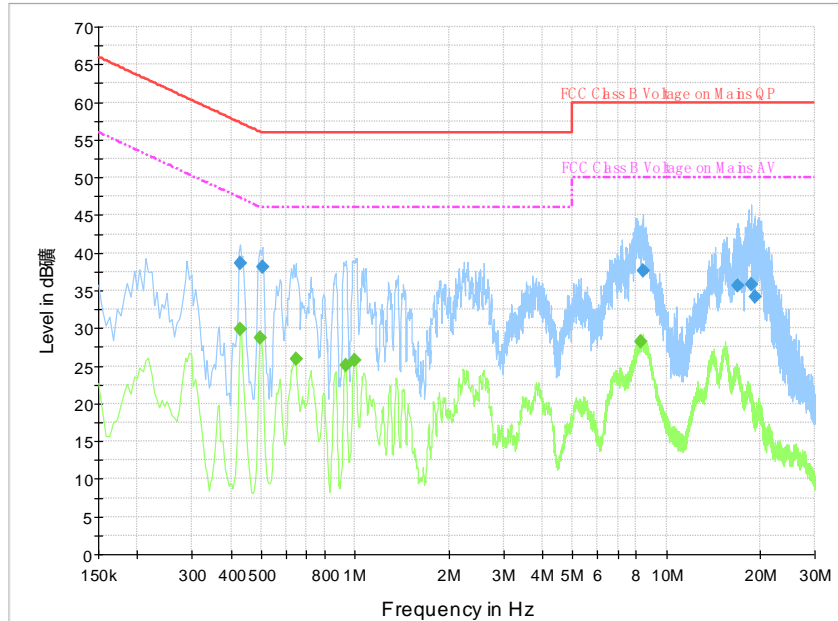


Fig.55 Conducted Emission(802.11a, IDLE)

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) | Line | Margin(dB) | Limit(dBµV) |
|----------------|-----------------|------|------------|-------------|
| 0.429000 | 38.6 | L1 | 18.6 | 57.3 |
| 0.505500 | 38.2 | L1 | 17.8 | 56.0 |
| 8.407500 | 37.6 | N | 22.4 | 60.0 |
| 16.966500 | 35.6 | L1 | 24.4 | 60.0 |
| 18.717000 | 35.9 | N | 24.1 | 60.0 |
| 19.284000 | 34.1 | N | 25.9 | 60.0 |

Final Result 2

| Frequency(MHz) | Average(dBµV) | Line | Margin(dB) | Limit(dBµV) |
|----------------|---------------|------|------------|-------------|
| 0.429000 | 30.0 | N | 17.3 | 47.3 |
| 0.496500 | 28.8 | L1 | 17.3 | 46.1 |
| 0.645000 | 25.9 | N | 20.1 | 46.0 |
| 0.933000 | 25.0 | L1 | 21.0 | 46.0 |
| 0.996000 | 25.7 | L1 | 20.3 | 46.0 |
| 8.313000 | 28.2 | L1 | 21.8 | 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 |
|-------------------------|---------|

Measurement Result:

| Mode | Frequency | 99% Occupied bandwidth (MHz) | | conclusion |
|------------------|-----------|-------------------------------|-------|------------|
| 802.11a | 5180 MHz | Fig.56 | 17.52 | P |
| | 5200 MHz | Fig.57 | 17.60 | P |
| | 5240 MHz | Fig.58 | 17.64 | P |
| 802.11ac HT20 | 5180 MHz | Fig.59 | 18.32 | P |
| | 5200 MHz | Fig.60 | 18.28 | P |
| | 5240 MHz | Fig.61 | 18.24 | P |
| 802.11ac HT40 | 5190 MHz | Fig.62 | 36.32 | P |
| | 5230 MHz | Fig.63 | 36.16 | P |
| 802.11ac HT80 | 5210 MHz | Fig.64 | 75.36 | P |

Conclusion: PASS
Test graphs as below:

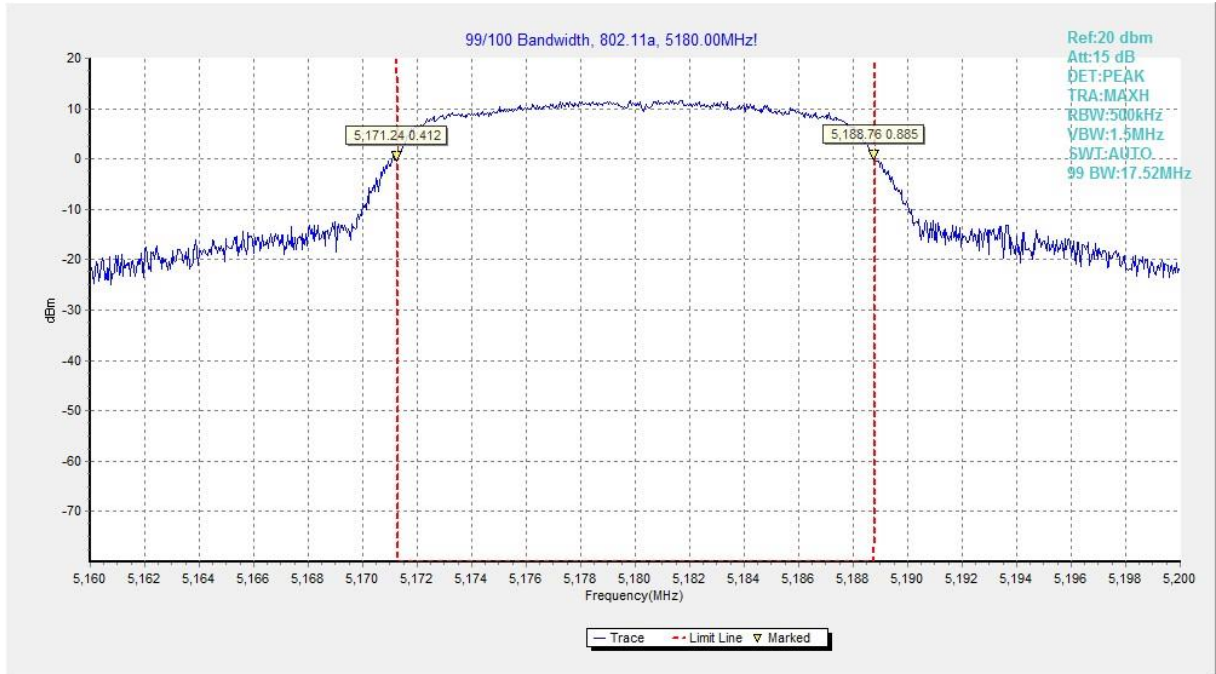


Fig.56 99% Occupied bandwidth (802.11a, 5180MHz)

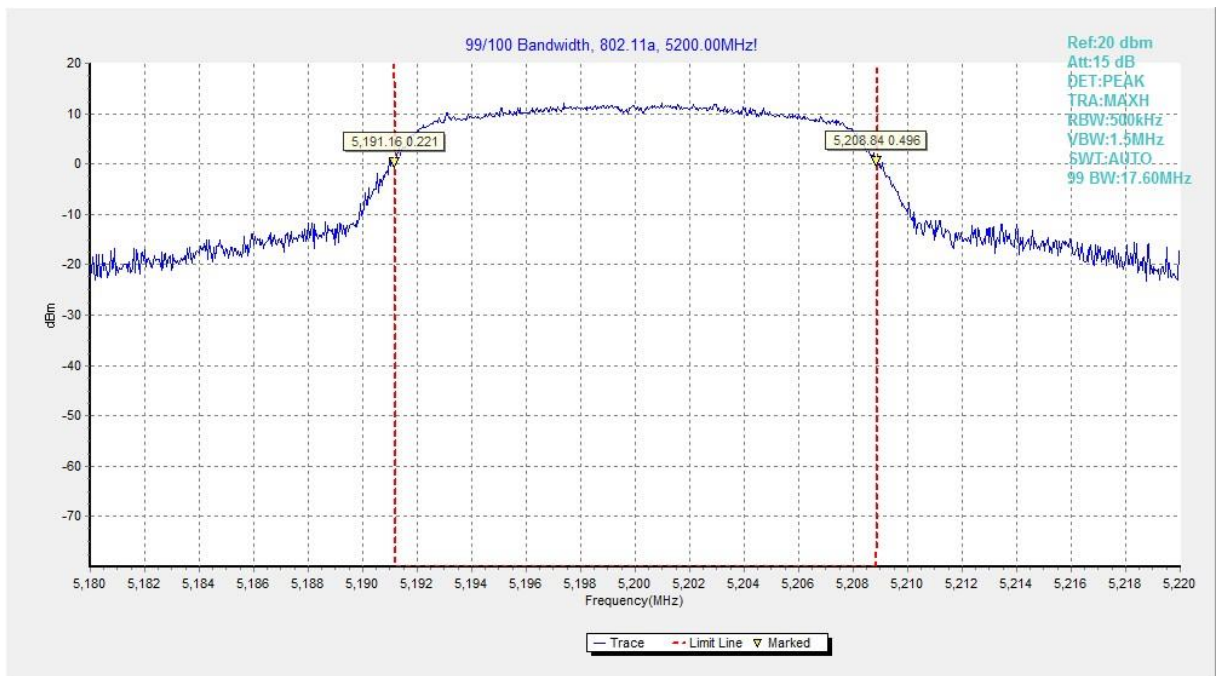


Fig.57 99% Occupied bandwidth (802.11a, 5200MHz)

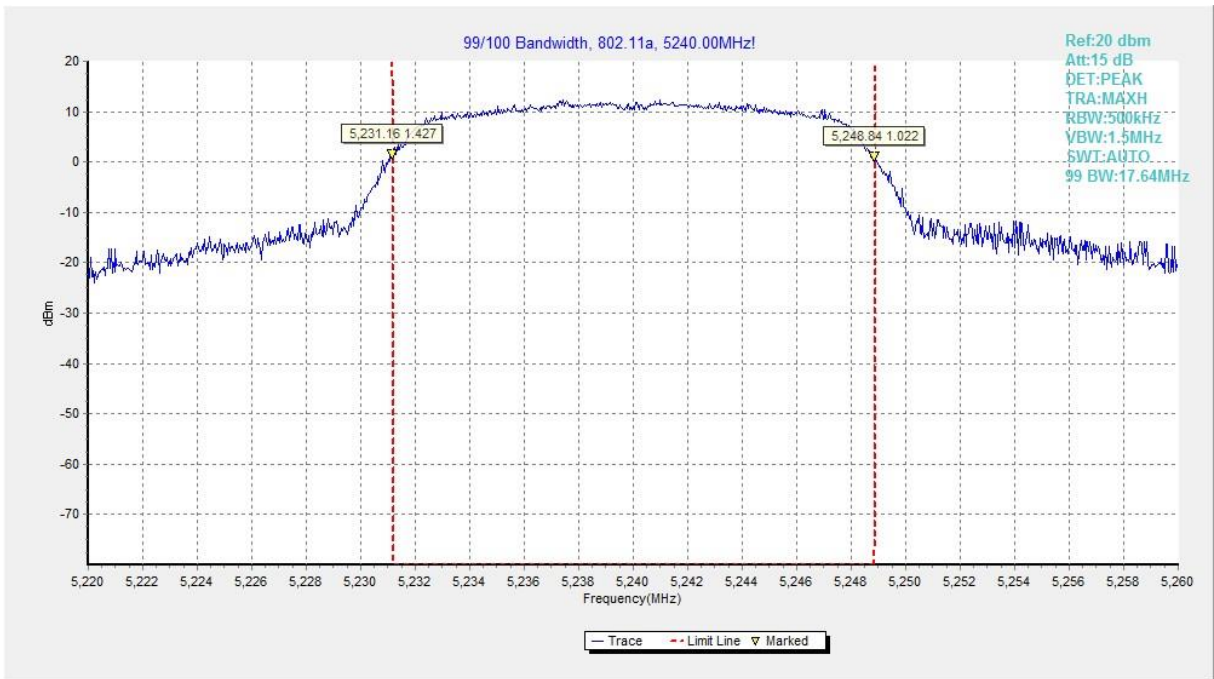


Fig.58 99% Occupied bandwidth (802.11a, 5240MHz)

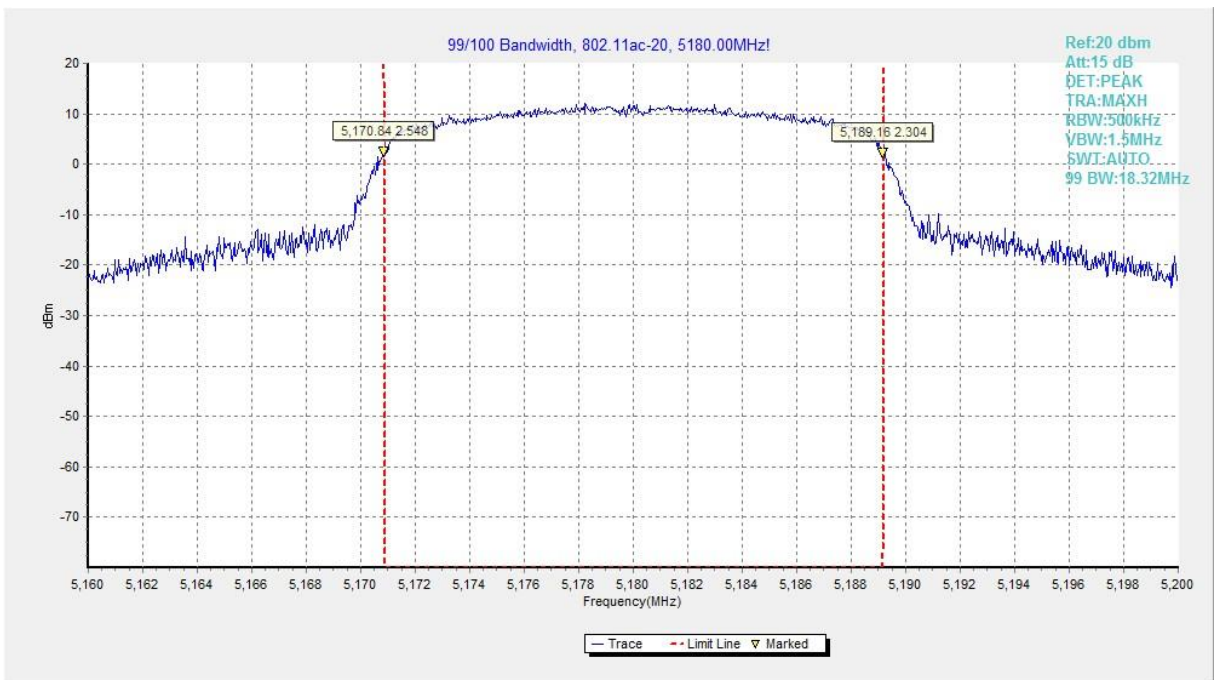


Fig.59 99% Occupied bandwidth (802.11ac-HT20, 5180MHz)

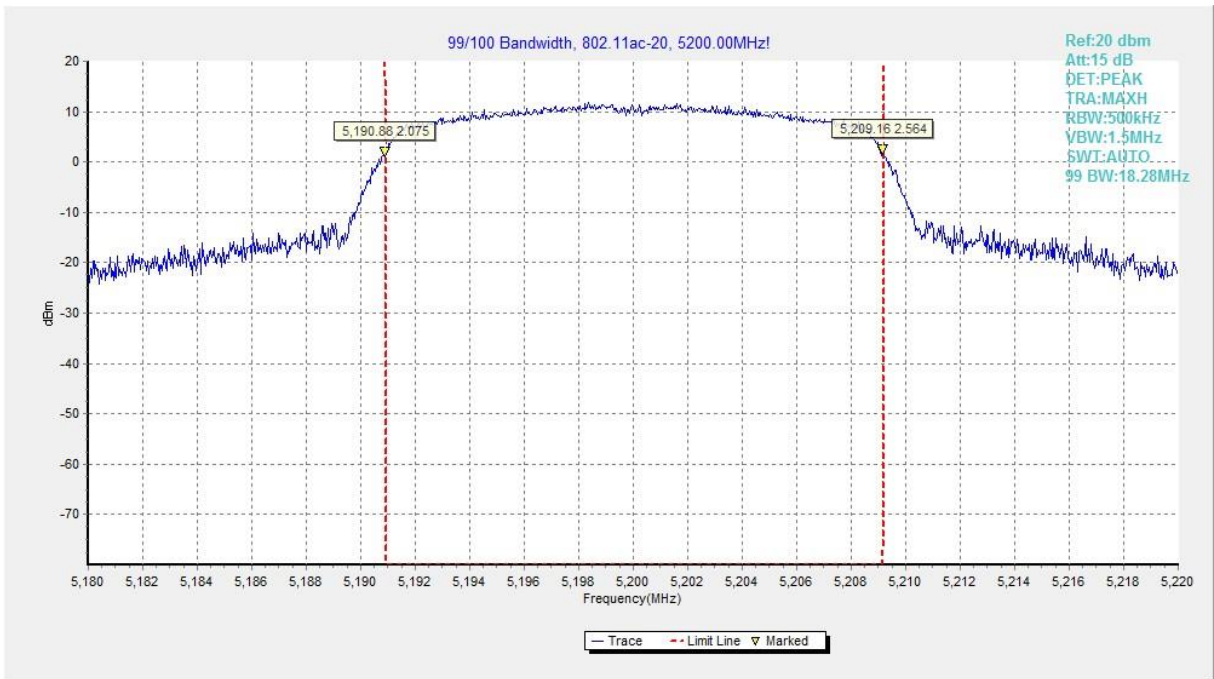


Fig.60 99% Occupied bandwidth (802.11ac-HT20, 5200MHz)

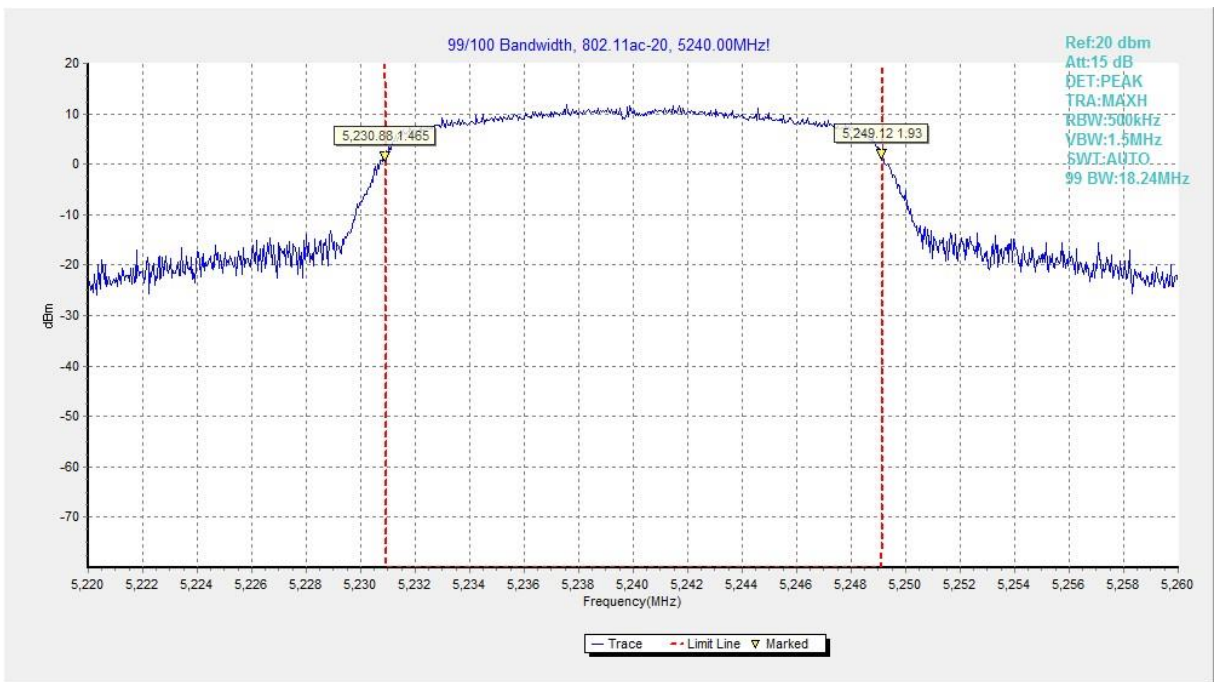


Fig.61 99% Occupied bandwidth (802.11ac-HT20, 5240MHz)

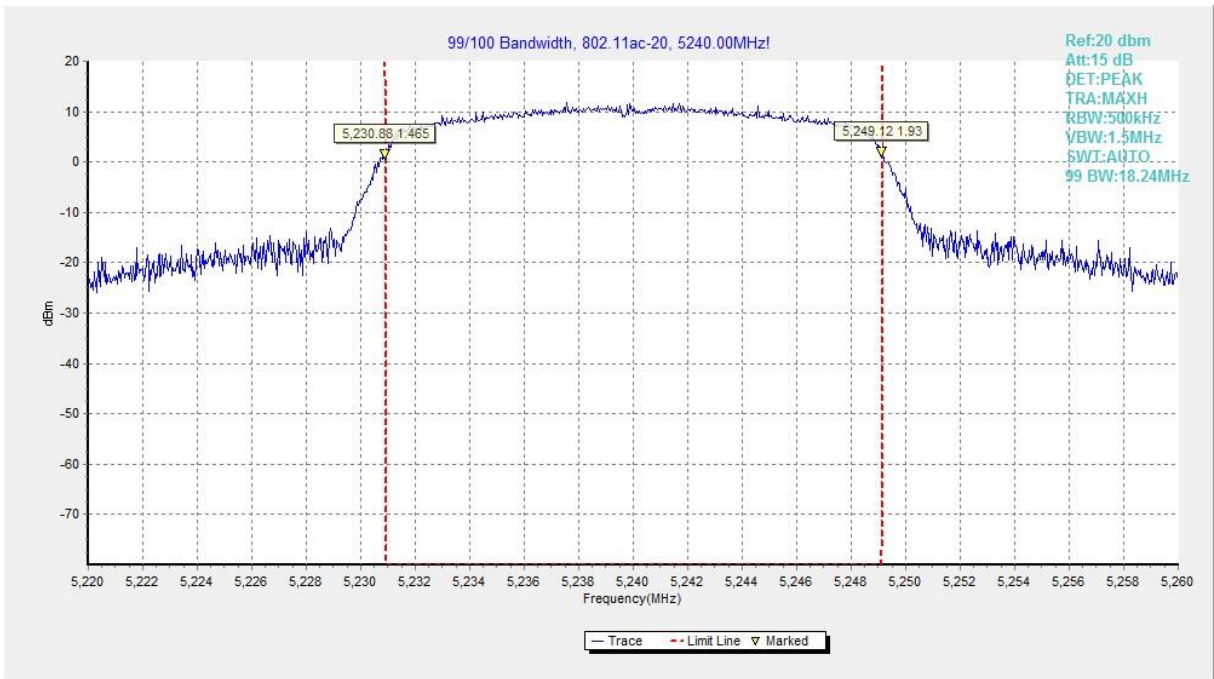


Fig.62 99% Occupied bandwidth (802.11ac-HT40, 5190MHz)

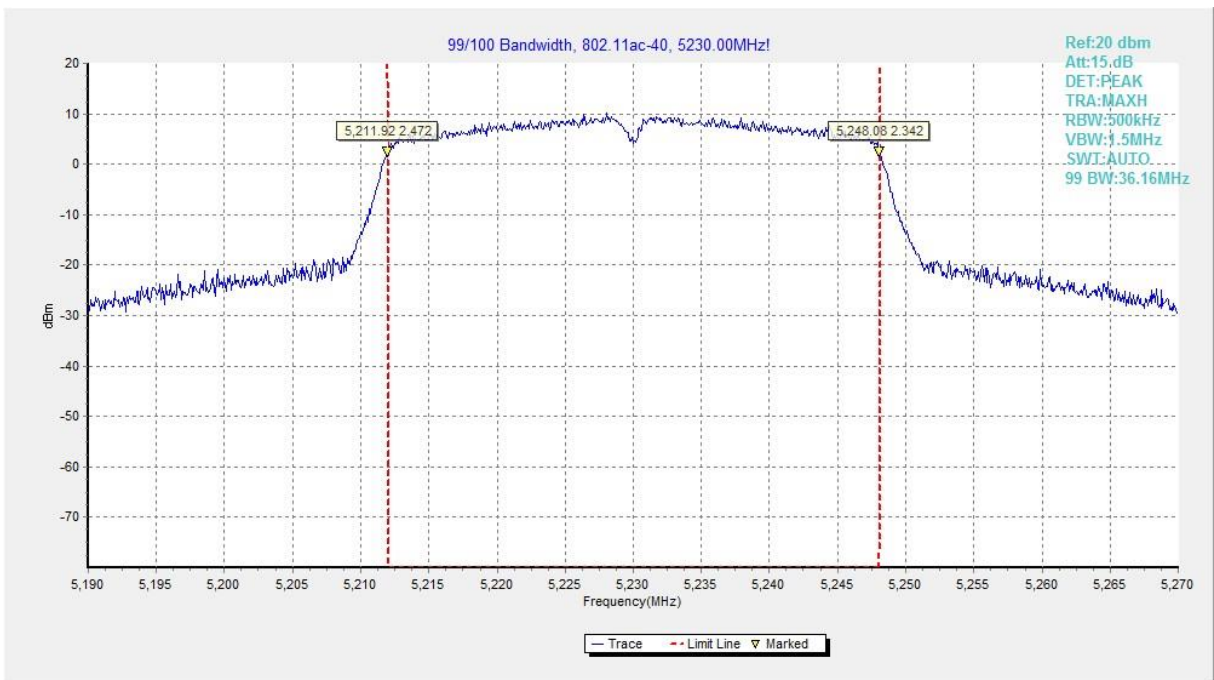


Fig.63 99% Occupied bandwidth (802.11ac-HT40, 5230MHz)

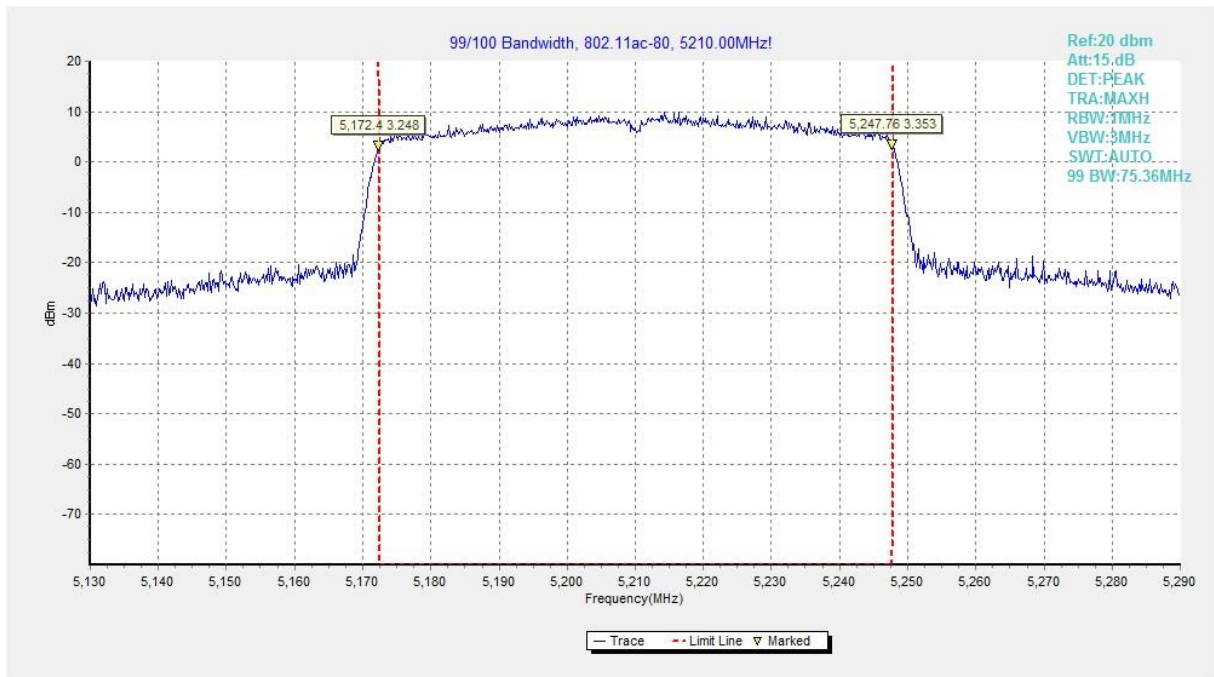


Fig.64 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)




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 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

| | |
|--|--|
| <p>United States Department of Commerce National Institute of Standards and Technology</p>   | |
| <hr/> <h3>Certificate of Accreditation to ISO/IEC 17025:2017</h3> <hr/> | |
| <p>NVLAP LAB CODE: 600118-0</p> | |
| <p>Telecommunication Technology Labs, CAICT Beijing China</p> | |
| <p><i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i></p> | |
| <p>Electromagnetic Compatibility & Telecommunications</p> | |
| <p><i>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).</i></p> | |
| <hr/> <p>2020-09-29 through 2021-09-30 <i>Effective Dates</i></p> |  <hr/> <p><i>[Signature]</i> For the National Voluntary Laboratory Accreditation Program</p> |

*** END OF REPORT BODY ***