



Appendix B. Radiated Spurious Emission

| | | | |
|-----------------|----------------------|---------------------|---------|
| Test Engineer : | JC Liang and Nick Yu | Temperature : | 20~23°C |
| | | Relative Humidity : | 58~63% |

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Peak | Pol. | |
|-----------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 1 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11a CH 36 5180MHz | | 5147.42 | 50.58 | -23.42 | 74 | 40.66 | 32.21 | 11.18 | 33.47 | 240 | 346 | P | H | |
| | | 5127.92 | 42.54 | -11.46 | 54 | 32.63 | 32.19 | 11.19 | 33.47 | 240 | 346 | A | H | |
| | * | 5180 | 102.8 | - | - | 92.83 | 32.26 | 11.18 | 33.47 | 240 | 346 | P | H | |
| | * | 5180 | 92.91 | - | - | 82.94 | 32.26 | 11.18 | 33.47 | 240 | 346 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 5028.6 | 51.03 | -22.97 | 74 | 41.23 | 32.05 | 11.22 | 33.47 | 179 | 211 | P | V |
| | | | 5127.92 | 44.3 | -9.7 | 54 | 34.39 | 32.19 | 11.19 | 33.47 | 179 | 211 | A | V |
| | * | | 5180 | 104.96 | - | - | 94.99 | 32.26 | 11.18 | 33.47 | 179 | 211 | P | V |
| | * | | 5180 | 95.77 | - | - | 85.8 | 32.26 | 11.18 | 33.47 | 179 | 211 | A | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| 802.11a CH 44 5220MHz | | 5118.04 | 50.14 | -23.86 | 74 | 40.26 | 32.16 | 11.19 | 33.47 | 236 | 347 | P | H | |
| | | 5041.6 | 41.46 | -12.54 | 54 | 31.64 | 32.07 | 11.22 | 33.47 | 236 | 347 | A | H | |
| | * | 5220 | 103.39 | - | - | 93.39 | 32.3 | 11.17 | 33.47 | 236 | 347 | P | H | |
| | * | 5220 | 93.66 | - | - | 83.66 | 32.3 | 11.17 | 33.47 | 236 | 347 | A | H | |
| | | | 5407.68 | 49.93 | -24.07 | 74 | 39.54 | 32.56 | 11.31 | 33.48 | 236 | 347 | P | H |
| | | | 5451.36 | 41.01 | -12.99 | 54 | 30.52 | 32.63 | 11.34 | 33.48 | 236 | 347 | A | H |
| | | | 5104 | 51.11 | -22.89 | 74 | 41.25 | 32.14 | 11.19 | 33.47 | 176 | 215 | P | V |
| | | | 5038.22 | 41.5 | -12.5 | 54 | 31.68 | 32.07 | 11.22 | 33.47 | 176 | 215 | A | V |
| | * | | 5218 | 104.17 | - | - | 94.17 | 32.3 | 11.17 | 33.47 | 176 | 215 | P | V |
| | * | | 5218 | 94.94 | - | - | 84.94 | 32.3 | 11.17 | 33.47 | 176 | 215 | A | V |
| | | | 5437.92 | 50.49 | -23.51 | 74 | 40.02 | 32.61 | 11.34 | 33.48 | 176 | 215 | P | V |
| | | | 5455.92 | 40.85 | -13.15 | 54 | 30.36 | 32.63 | 11.34 | 33.48 | 176 | 215 | A | V |



| WiFi Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|--------|---|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11a CH 48 5240MHz | | 5109.72 | 50.35 | -23.65 | 74 | 40.47 | 32.16 | 11.19 | 33.47 | 247 | 348 | P | H |
| | | 5038.22 | 41.47 | -12.53 | 54 | 31.65 | 32.07 | 11.22 | 33.47 | 247 | 348 | A | H |
| | * | 5240 | 103.12 | - | - | 93.07 | 32.33 | 11.19 | 33.47 | 247 | 348 | P | H |
| | * | 5240 | 93.17 | - | - | 83.12 | 32.33 | 11.19 | 33.47 | 247 | 348 | A | H |
| | | 5455.2 | 49.05 | -24.95 | 74 | 38.56 | 32.63 | 11.34 | 33.48 | 247 | 348 | P | H |
| | | 5453.76 | 40.94 | -13.06 | 54 | 30.45 | 32.63 | 11.34 | 33.48 | 247 | 348 | A | H |
| | | 5008.58 | 49.75 | -24.25 | 74 | 39.96 | 32.02 | 11.24 | 33.47 | 181 | 215 | P | V |
| | | 5011.7 | 41.44 | -12.56 | 54 | 31.65 | 32.02 | 11.24 | 33.47 | 181 | 215 | A | V |
| | * | 5240 | 104.81 | - | - | 94.76 | 32.33 | 11.19 | 33.47 | 181 | 215 | P | V |
| | * | 5240 | 94.97 | - | - | 84.92 | 32.33 | 11.19 | 33.47 | 181 | 215 | A | V |
| | | 5449.68 | 49.37 | -24.63 | 74 | 38.88 | 32.63 | 11.34 | 33.48 | 181 | 215 | P | V |
| | | 5456.16 | 40.94 | -13.06 | 54 | 30.45 | 32.63 | 11.34 | 33.48 | 181 | 215 | A | V |
| | Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | |



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11a CH 36 5180MHz | | 10360 | 41 | -33 | 74 | 37.22 | 39.84 | 15.02 | 51.08 | 100 | 0 | P | H |
| | | 15540 | 41.41 | -32.59 | 74 | 36.84 | 38.21 | 18.16 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10360 | 40.92 | -33.08 | 74 | 37.14 | 39.84 | 15.02 | 51.08 | 100 | 0 | P | V |
| | | 15540 | 40.16 | -33.84 | 74 | 35.59 | 38.21 | 18.16 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11a CH 44 5220MHz | | 10440 | 41.31 | -32.69 | 74 | 37.47 | 39.92 | 15.08 | 51.16 | 100 | 0 | P | H |
| | | 15660 | 39.91 | -34.09 | 74 | 35.25 | 38.23 | 18.23 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10440 | 41.89 | -32.11 | 74 | 38.05 | 39.92 | 15.08 | 51.16 | 100 | 0 | P | V |
| | | 15660 | 40.84 | -33.16 | 74 | 36.18 | 38.23 | 18.23 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11a CH 48 5240MHz | | 10480 | 40.62 | -33.38 | 74 | 36.73 | 39.98 | 15.11 | 51.2 | 100 | 0 | P | H |
| | | 15720 | 40.25 | -33.75 | 74 | 35.53 | 38.24 | 18.28 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10480 | 40.91 | -33.09 | 74 | 37.02 | 39.98 | 15.11 | 51.2 | 100 | 0 | P | V |
| | | 15720 | 40.82 | -33.18 | 74 | 36.1 | 38.24 | 18.28 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|----------------------------|------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11n HT20 CH 36 5180MHz | | 5073.58 | 50.34 | -23.66 | 74 | 40.48 | 32.12 | 11.21 | 33.47 | 242 | 347 | P | H | |
| | | 5128.44 | 42.45 | -11.55 | 54 | 32.54 | 32.19 | 11.19 | 33.47 | 242 | 347 | A | H | |
| | * | 5180 | 102.21 | - | - | 92.24 | 32.26 | 11.18 | 33.47 | 242 | 347 | P | H | |
| | * | 5180 | 92.96 | - | - | 82.99 | 32.26 | 11.18 | 33.47 | 242 | 347 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 5127.4 | 52.07 | -21.93 | 74 | 42.16 | 32.19 | 11.19 | 33.47 | 203 | 215 | P | V |
| | | | 5128.44 | 44.45 | -9.55 | 54 | 34.54 | 32.19 | 11.19 | 33.47 | 203 | 215 | A | V |
| | | * | 5180 | 104.73 | - | - | 94.76 | 32.26 | 11.18 | 33.47 | 203 | 215 | P | V |
| | | * | 5180 | 95.54 | - | - | 85.57 | 32.26 | 11.18 | 33.47 | 203 | 215 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| 802.11n HT20 CH 44 5220MHz | | 5019.5 | 50.49 | -23.51 | 74 | 40.7 | 32.02 | 11.24 | 33.47 | 236 | 345 | P | H | |
| | | 5033.02 | 40.64 | -13.36 | 54 | 30.84 | 32.05 | 11.22 | 33.47 | 236 | 345 | A | H | |
| | | * | 5220 | 102.97 | - | - | 92.97 | 32.3 | 11.17 | 33.47 | 236 | 345 | P | H |
| | | * | 5220 | 93.75 | - | - | 83.75 | 32.3 | 11.17 | 33.47 | 236 | 345 | A | H |
| | | | 5384.64 | 48.83 | -25.17 | 74 | 38.46 | 32.54 | 11.31 | 33.48 | 236 | 345 | P | H |
| | | | 5458.32 | 40.14 | -13.86 | 54 | 29.65 | 32.63 | 11.34 | 33.48 | 236 | 345 | A | H |
| | | | 5026 | 50.5 | -23.5 | 74 | 40.7 | 32.05 | 11.22 | 33.47 | 173 | 212 | P | V |
| | | | 5036.4 | 40.76 | -13.24 | 54 | 30.96 | 32.05 | 11.22 | 33.47 | 173 | 212 | A | V |
| | | * | 5220 | 105.8 | - | - | 95.8 | 32.3 | 11.17 | 33.47 | 173 | 212 | P | V |
| | | * | 5220 | 95.89 | - | - | 85.89 | 32.3 | 11.17 | 33.47 | 173 | 212 | A | V |
| | | 5458.56 | 49.25 | -24.75 | 74 | 38.76 | 32.63 | 11.34 | 33.48 | 173 | 212 | P | V | |
| | | 5460 | 40.13 | -13.87 | 54 | 29.64 | 32.63 | 11.34 | 33.48 | 173 | 212 | A | V | |



| WiFi Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11n HT20 CH 48 5240MHz | | 5067.6 | 50.79 | -23.21 | 74 | 40.96 | 32.09 | 11.21 | 33.47 | 234 | 350 | P | H |
| | | 5045.24 | 40.66 | -13.34 | 54 | 30.84 | 32.07 | 11.22 | 33.47 | 234 | 350 | A | H |
| | * | 5240 | 102.44 | - | - | 92.39 | 32.33 | 11.19 | 33.47 | 234 | 350 | P | H |
| | * | 5240 | 93.84 | - | - | 83.79 | 32.33 | 11.19 | 33.47 | 234 | 350 | A | H |
| | | 5367.6 | 49.13 | -24.87 | 74 | 38.82 | 32.51 | 11.28 | 33.48 | 234 | 350 | P | H |
| | | 5458.32 | 40.13 | -13.87 | 54 | 29.64 | 32.63 | 11.34 | 33.48 | 234 | 350 | A | H |
| | | 5026.26 | 51.47 | -22.53 | 74 | 41.67 | 32.05 | 11.22 | 33.47 | 178 | 214 | P | V |
| | | 5042.12 | 40.69 | -13.31 | 54 | 30.87 | 32.07 | 11.22 | 33.47 | 178 | 214 | A | V |
| | * | 5240 | 104.81 | - | - | 94.76 | 32.33 | 11.19 | 33.47 | 178 | 214 | P | V |
| | * | 5240 | 95.28 | - | - | 85.23 | 32.33 | 11.19 | 33.47 | 178 | 214 | A | V |
| | | 5459.28 | 49.34 | -24.66 | 74 | 38.85 | 32.63 | 11.34 | 33.48 | 178 | 214 | P | V |
| | | 5459.76 | 40.11 | -13.89 | 54 | 29.62 | 32.63 | 11.34 | 33.48 | 178 | 214 | A | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT20 CH 36 5180MHz | | 10360 | 41.01 | -32.99 | 74 | 37.23 | 39.84 | 15.02 | 51.08 | 100 | 0 | P | H |
| | | 15540 | 40.5 | -33.5 | 74 | 35.93 | 38.21 | 18.16 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10360 | 40.91 | -33.09 | 74 | 37.13 | 39.84 | 15.02 | 51.08 | 100 | 0 | P | V |
| | | 15540 | 41.1 | -32.9 | 74 | 36.53 | 38.21 | 18.16 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11n HT20 CH 44 5220MHz | | 10440 | 40.25 | -33.75 | 74 | 36.41 | 39.92 | 15.08 | 51.16 | 100 | 0 | P | H |
| | | 15660 | 40.6 | -33.4 | 74 | 35.94 | 38.23 | 18.23 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10440 | 41.36 | -32.64 | 74 | 37.52 | 39.92 | 15.08 | 51.16 | 100 | 0 | P | V |
| | | 15660 | 40.12 | -33.88 | 74 | 35.46 | 38.23 | 18.23 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11n HT20 CH 48 5240MHz | | 10480 | 41.23 | -32.77 | 74 | 37.34 | 39.98 | 15.11 | 51.2 | 100 | 0 | P | H |
| | | 15720 | 40.37 | -33.63 | 74 | 35.65 | 38.24 | 18.28 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10480 | 40.82 | -33.18 | 74 | 36.93 | 39.98 | 15.11 | 51.2 | 100 | 0 | P | V |
| | | 15720 | 39.89 | -34.11 | 74 | 35.17 | 38.24 | 18.28 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|----------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT40 CH 38 5190MHz | | 5046.02 | 51.32 | -22.68 | 74 | 41.5 | 32.07 | 11.22 | 33.47 | 129 | 360 | P | H |
| | | 5149.76 | 42.01 | -11.99 | 54 | 32.09 | 32.21 | 11.18 | 33.47 | 129 | 360 | A | H |
| | * | 5190 | 98.39 | - | - | 88.43 | 32.26 | 11.17 | 33.47 | 129 | 360 | P | H |
| | * | 5190 | 89.26 | - | - | 79.3 | 32.26 | 11.17 | 33.47 | 129 | 360 | A | H |
| | | 5442.72 | 50.32 | -23.68 | 74 | 39.85 | 32.61 | 11.34 | 33.48 | 129 | 360 | P | H |
| | | 5458.32 | 40.82 | -13.18 | 54 | 30.33 | 32.63 | 11.34 | 33.48 | 129 | 360 | A | H |
| | | 5130.26 | 50.13 | -23.87 | 74 | 40.22 | 32.19 | 11.19 | 33.47 | 146 | 209 | P | V |
| | | 5150 | 42.8 | -11.2 | 54 | 32.88 | 32.21 | 11.18 | 33.47 | 146 | 209 | A | V |
| | * | 5190 | 100.91 | - | - | 90.95 | 32.26 | 11.17 | 33.47 | 146 | 209 | P | V |
| | * | 5190 | 91.77 | - | - | 81.81 | 32.26 | 11.17 | 33.47 | 146 | 209 | A | V |
| | | 5400.96 | 49.91 | -24.09 | 74 | 39.52 | 32.56 | 11.31 | 33.48 | 146 | 209 | P | V |
| | | 5431.92 | 40.84 | -13.16 | 54 | 30.37 | 32.61 | 11.34 | 33.48 | 146 | 209 | A | V |
| 802.11n HT40 CH 46 5230MHz | | 5061.1 | 50.47 | -23.53 | 74 | 40.64 | 32.09 | 11.21 | 33.47 | 137 | 360 | P | H |
| | | 5092.3 | 41.46 | -12.54 | 54 | 31.58 | 32.14 | 11.21 | 33.47 | 137 | 360 | A | H |
| | * | 5230 | 97.63 | - | - | 87.58 | 32.33 | 11.19 | 33.47 | 137 | 360 | P | H |
| | * | 5230 | 88.98 | - | - | 78.93 | 32.33 | 11.19 | 33.47 | 137 | 360 | A | H |
| | | 5436.24 | 49.2 | -24.8 | 74 | 38.73 | 32.61 | 11.34 | 33.48 | 137 | 360 | P | H |
| | | 5458.8 | 40.85 | -13.15 | 54 | 30.36 | 32.63 | 11.34 | 33.48 | 137 | 360 | A | H |
| | | 5126.62 | 51.12 | -22.88 | 74 | 41.21 | 32.19 | 11.19 | 33.47 | 174 | 212 | P | V |
| | | 5124.54 | 41.75 | -12.25 | 54 | 31.84 | 32.19 | 11.19 | 33.47 | 174 | 212 | A | V |
| | * | 5230 | 99.55 | - | - | 89.5 | 32.33 | 11.19 | 33.47 | 174 | 212 | P | V |
| | * | 5230 | 91.16 | - | - | 81.11 | 32.33 | 11.19 | 33.47 | 174 | 212 | A | V |
| | 5417.04 | 49.17 | -24.83 | 74 | 38.76 | 32.58 | 11.31 | 33.48 | 174 | 212 | P | V | |
| | 5454.96 | 40.9 | -13.1 | 54 | 30.41 | 32.63 | 11.34 | 33.48 | 174 | 212 | A | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|----------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11n HT40 CH 38 5190MHz | | 10380 | 41.14 | -32.86 | 74 | 37.38 | 39.86 | 15.02 | 51.12 | 100 | 0 | P | H |
| | | 15570 | 40.15 | -33.85 | 74 | 35.55 | 38.21 | 18.19 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10380 | 40.72 | -33.28 | 74 | 36.96 | 39.86 | 15.02 | 51.12 | 100 | 0 | P | V |
| | | 15570 | 41.28 | -32.72 | 74 | 36.68 | 38.21 | 18.19 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11n HT40 CH 46 5230MHz | | 10460 | 41.72 | -32.28 | 74 | 37.9 | 39.94 | 15.08 | 51.2 | 100 | 0 | P | H |
| | | 15690 | 41.32 | -32.68 | 74 | 36.62 | 38.24 | 18.26 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10460 | 40.58 | -33.42 | 74 | 36.76 | 39.94 | 15.08 | 51.2 | 100 | 0 | P | V |
| | | 15690 | 40.95 | -33.05 | 74 | 36.25 | 38.24 | 18.26 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ac VHT80 CH 42 5210MHz | | 5121.16 | 50.85 | -23.15 | 74 | 40.97 | 32.16 | 11.19 | 33.47 | 193 | 302 | P | H |
| | | 5149.24 | 44.86 | -9.14 | 54 | 34.94 | 32.21 | 11.18 | 33.47 | 193 | 302 | A | H |
| | * | 5210 | 95.33 | - | - | 85.33 | 32.3 | 11.17 | 33.47 | 193 | 302 | P | H |
| | * | 5210 | 88.12 | - | - | 78.12 | 32.3 | 11.17 | 33.47 | 193 | 302 | A | H |
| | | 5425.2 | 50.07 | -23.93 | 74 | 39.63 | 32.58 | 11.34 | 33.48 | 193 | 302 | P | H |
| | | 5439.6 | 42.89 | -11.11 | 54 | 32.42 | 32.61 | 11.34 | 33.48 | 193 | 302 | A | H |
| | | 5144.56 | 51.38 | -22.62 | 74 | 41.46 | 32.21 | 11.18 | 33.47 | 201 | 62 | P | V |
| | | 5144.82 | 44.67 | -9.33 | 54 | 34.75 | 32.21 | 11.18 | 33.47 | 201 | 62 | A | V |
| | * | 5210 | 95.7 | - | - | 85.7 | 32.3 | 11.17 | 33.47 | 201 | 62 | P | V |
| | * | 5210 | 88.24 | - | - | 78.24 | 32.3 | 11.17 | 33.47 | 201 | 62 | A | V |
| | | 5408.16 | 50.73 | -23.27 | 74 | 40.34 | 32.56 | 11.31 | 33.48 | 201 | 62 | P | V |
| | 5420.64 | 42.42 | -11.58 | 54 | 31.98 | 32.58 | 11.34 | 33.48 | 201 | 62 | A | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ac VHT80 CH 42 5210MHz | | 10420 | 40.46 | -33.54 | 74 | 36.67 | 39.9 | 15.05 | 51.16 | 100 | 0 | P | H | |
| | | 15630 | 39.98 | -34.02 | 74 | 35.32 | 38.23 | 18.23 | 51.8 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 10420 | 42.36 | -31.64 | 74 | 38.57 | 39.9 | 15.05 | 51.16 | 100 | 0 | P | V |
| | | | 15630 | 39.37 | -34.63 | 74 | 34.71 | 38.23 | 18.23 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Peak | Pol. |
|-----------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 802.11a CH 52 5260MHz | | 5122.2 | 50.68 | -23.32 | 74 | 40.8 | 32.16 | 11.19 | 33.47 | 208 | 352 | P | H |
| | | 5087.88 | 41.46 | -12.54 | 54 | 31.6 | 32.12 | 11.21 | 33.47 | 208 | 352 | A | H |
| | * | 5260 | 103.35 | - | - | 93.27 | 32.37 | 11.19 | 33.48 | 208 | 352 | P | H |
| | * | 5260 | 93.45 | - | - | 83.37 | 32.37 | 11.19 | 33.48 | 208 | 352 | A | H |
| | | 5430.24 | 49.08 | -24.92 | 74 | 38.61 | 32.61 | 11.34 | 33.48 | 208 | 352 | P | H |
| | | 5457.36 | 40.87 | -13.13 | 54 | 30.38 | 32.63 | 11.34 | 33.48 | 208 | 352 | A | H |
| | | 5038.22 | 50.25 | -23.75 | 74 | 40.43 | 32.07 | 11.22 | 33.47 | 189 | 215 | P | V |
| | | 5047.58 | 41.45 | -12.55 | 54 | 31.63 | 32.07 | 11.22 | 33.47 | 189 | 215 | A | V |
| | * | 5260 | 104.17 | - | - | 94.09 | 32.37 | 11.19 | 33.48 | 189 | 215 | P | V |
| | * | 5260 | 94.35 | - | - | 84.27 | 32.37 | 11.19 | 33.48 | 189 | 215 | A | V |
| | | 5409.6 | 48.96 | -25.04 | 74 | 38.57 | 32.56 | 11.31 | 33.48 | 189 | 215 | P | V |
| | | 5460 | 40.84 | -13.16 | 54 | 30.35 | 32.63 | 11.34 | 33.48 | 189 | 215 | A | V |
| 802.11a CH 60 5300MHz | | 5046.8 | 50.69 | -23.31 | 74 | 40.87 | 32.07 | 11.22 | 33.47 | 212 | 350 | P | H |
| | | 5060.06 | 41.37 | -12.63 | 54 | 31.54 | 32.09 | 11.21 | 33.47 | 212 | 350 | A | H |
| | * | 5300 | 103.71 | - | - | 93.55 | 32.42 | 11.22 | 33.48 | 212 | 350 | P | H |
| | * | 5300 | 94.29 | - | - | 84.13 | 32.42 | 11.22 | 33.48 | 212 | 350 | A | H |
| | | 5457.12 | 50.2 | -23.8 | 74 | 39.71 | 32.63 | 11.34 | 33.48 | 212 | 350 | P | H |
| | | 5352.24 | 41.95 | -12.05 | 54 | 31.66 | 32.49 | 11.28 | 33.48 | 212 | 350 | A | H |
| | | 5025.74 | 50.44 | -23.56 | 74 | 40.64 | 32.05 | 11.22 | 33.47 | 169 | 206 | P | V |
| | | 5063.18 | 41.47 | -12.53 | 54 | 31.64 | 32.09 | 11.21 | 33.47 | 169 | 206 | A | V |
| | * | 5300 | 104.05 | - | - | 93.89 | 32.42 | 11.22 | 33.48 | 169 | 206 | P | V |
| | * | 5300 | 94.86 | - | - | 84.7 | 32.42 | 11.22 | 33.48 | 169 | 206 | A | V |
| | | 5405.52 | 49.86 | -24.14 | 74 | 39.47 | 32.56 | 11.31 | 33.48 | 169 | 206 | P | V |
| | | 5352.24 | 42.12 | -11.88 | 54 | 31.83 | 32.49 | 11.28 | 33.48 | 169 | 206 | A | V |



| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------|---------------|---|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|--|
| 802.11a CH 64 5320MHz | * | 5320 | 104.02 | - | - | 93.81 | 32.44 | 11.25 | 33.48 | 100 | 359 | P | H | |
| | * | 5320 | 94.33 | - | - | 84.12 | 32.44 | 11.25 | 33.48 | 100 | 359 | A | H | |
| | | 5421.6 | 49.34 | -24.66 | 74 | 38.9 | 32.58 | 11.34 | 33.48 | 100 | 359 | P | H | |
| | | 5372.32 | 42.45 | -11.55 | 54 | 32.14 | 32.51 | 11.28 | 33.48 | 100 | 359 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | * | 5320 | 104.02 | - | - | 93.81 | 32.44 | 11.25 | 33.48 | 184 | 218 | P | V | |
| | * | 5320 | 94.79 | - | - | 84.58 | 32.44 | 11.25 | 33.48 | 184 | 218 | A | V | |
| | | 5404.8 | 49.6 | -24.4 | 74 | 39.21 | 32.56 | 11.31 | 33.48 | 184 | 218 | P | V | |
| | | 5372 | 42.28 | -11.72 | 54 | 31.97 | 32.51 | 11.28 | 33.48 | 184 | 218 | A | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11a CH 52 5260MHz | | 10520 | 41.77 | -32.23 | 74 | 37.89 | 39.99 | 15.13 | 51.24 | 100 | 0 | P | H |
| | | 15780 | 39.27 | -34.73 | 74 | 34.51 | 38.26 | 18.3 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10520 | 41.01 | -32.99 | 74 | 37.13 | 39.99 | 15.13 | 51.24 | 100 | 0 | P | V |
| | | 15780 | 40.99 | -33.01 | 74 | 36.23 | 38.26 | 18.3 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11a CH 60 5300MHz | | 10600 | 40.12 | -33.88 | 74 | 36.22 | 39.92 | 15.19 | 51.21 | 100 | 0 | P | H |
| | | 15900 | 40.7 | -33.3 | 74 | 35.85 | 38.28 | 18.37 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10600 | 40.25 | -33.75 | 74 | 36.35 | 39.92 | 15.19 | 51.21 | 100 | 0 | P | V |
| | | 15900 | 39.17 | -34.83 | 74 | 34.32 | 38.28 | 18.37 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11a CH 64 5320MHz | | 10640 | 40.32 | -33.68 | 74 | 36.4 | 39.89 | 15.22 | 51.19 | 100 | 0 | P | H |
| | | 15960 | 39.67 | -34.33 | 74 | 34.76 | 38.29 | 18.42 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10640 | 40.51 | -33.49 | 74 | 36.59 | 39.89 | 15.22 | 51.19 | 100 | 0 | P | V |
| | | 15960 | 40.57 | -33.43 | 74 | 35.66 | 38.29 | 18.42 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|----------------------------|---------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT20 CH 52 5260MHz | | 5102.7 | 50.6 | -23.4 | 74 | 40.74 | 32.14 | 11.19 | 33.47 | 173 | 355 | P | H |
| | | 5045.24 | 40.62 | -13.38 | 54 | 30.8 | 32.07 | 11.22 | 33.47 | 173 | 355 | A | H |
| | * | 5260 | 100.42 | - | - | 90.34 | 32.37 | 11.19 | 33.48 | 173 | 355 | P | H |
| | * | 5260 | 91.73 | - | - | 81.65 | 32.37 | 11.19 | 33.48 | 173 | 355 | A | H |
| | | 5356.32 | 48.63 | -25.37 | 74 | 38.34 | 32.49 | 11.28 | 33.48 | 173 | 355 | P | H |
| | | 5459.04 | 40.11 | -13.89 | 54 | 29.62 | 32.63 | 11.34 | 33.48 | 173 | 355 | A | H |
| | | 5070.46 | 51.65 | -22.35 | 74 | 41.82 | 32.09 | 11.21 | 33.47 | 165 | 216 | P | V |
| | | 5036.92 | 40.69 | -13.31 | 54 | 30.89 | 32.05 | 11.22 | 33.47 | 165 | 216 | A | V |
| | * | 5260 | 102.4 | - | - | 92.32 | 32.37 | 11.19 | 33.48 | 165 | 216 | P | V |
| | * | 5260 | 93.96 | - | - | 83.88 | 32.37 | 11.19 | 33.48 | 165 | 216 | A | V |
| | | 5427.12 | 48.85 | -25.15 | 74 | 38.41 | 32.58 | 11.34 | 33.48 | 165 | 216 | P | V |
| | | 5459.04 | 40.15 | -13.85 | 54 | 29.66 | 32.63 | 11.34 | 33.48 | 165 | 216 | A | V |
| 802.11n HT20 CH 60 5300MHz | | 5099.58 | 51.49 | -22.51 | 74 | 41.61 | 32.14 | 11.21 | 33.47 | 213 | 351 | P | H |
| | | 5034.84 | 40.57 | -13.43 | 54 | 30.77 | 32.05 | 11.22 | 33.47 | 213 | 351 | A | H |
| | * | 5300 | 102.25 | - | - | 92.09 | 32.42 | 11.22 | 33.48 | 213 | 351 | P | H |
| | * | 5300 | 93.58 | - | - | 83.42 | 32.42 | 11.22 | 33.48 | 213 | 351 | A | H |
| | | 5394.72 | 49.24 | -24.76 | 74 | 38.85 | 32.56 | 11.31 | 33.48 | 213 | 351 | P | H |
| | | 5351.52 | 42.12 | -11.88 | 54 | 31.83 | 32.49 | 11.28 | 33.48 | 213 | 351 | A | H |
| | | 5117 | 50.9 | -23.1 | 74 | 41.02 | 32.16 | 11.19 | 33.47 | 158 | 216 | P | V |
| | | 5028.34 | 40.6 | -13.4 | 54 | 30.8 | 32.05 | 11.22 | 33.47 | 158 | 216 | A | V |
| | * | 5300 | 101.83 | - | - | 91.67 | 32.42 | 11.22 | 33.48 | 158 | 216 | P | V |
| | * | 5300 | 93.6 | - | - | 83.44 | 32.42 | 11.22 | 33.48 | 158 | 216 | A | V |
| | 5415.84 | 50.14 | -23.86 | 74 | 39.73 | 32.58 | 11.31 | 33.48 | 158 | 216 | P | V | |
| | 5351.76 | 41.97 | -12.03 | 54 | 31.68 | 32.49 | 11.28 | 33.48 | 158 | 216 | A | V | |



| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11n HT20 CH 64 5320MHz | * | 5320 | 101.16 | - | - | 90.95 | 32.44 | 11.25 | 33.48 | 151 | 355 | P | H |
| | * | 5320 | 92.53 | - | - | 82.32 | 32.44 | 11.25 | 33.48 | 151 | 355 | A | H |
| | | 5407.36 | 49.33 | -24.67 | 74 | 38.94 | 32.56 | 11.31 | 33.48 | 151 | 355 | P | H |
| | | 5371.68 | 42.21 | -11.79 | 54 | 31.9 | 32.51 | 11.28 | 33.48 | 151 | 355 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 5320 | 103.21 | - | - | 93 | 32.44 | 11.25 | 33.48 | 159 | 214 | P | V |
| | * | 5320 | 94.06 | - | - | 83.85 | 32.44 | 11.25 | 33.48 | 159 | 214 | A | V |
| | | 5425.28 | 50.45 | -23.55 | 74 | 40.01 | 32.58 | 11.34 | 33.48 | 159 | 214 | P | V |
| | | 5371.52 | 42.26 | -11.74 | 54 | 31.95 | 32.51 | 11.28 | 33.48 | 159 | 214 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11n HT20 CH 52 5260MHz | | 10520 | 41.57 | -32.43 | 74 | 37.69 | 39.99 | 15.13 | 51.24 | 100 | 0 | P | H | |
| | | 15780 | 40.66 | -33.34 | 74 | 35.9 | 38.26 | 18.3 | 51.8 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 10520 | 40.82 | -33.18 | 74 | 36.94 | 39.99 | 15.13 | 51.24 | 100 | 0 | P | V |
| | | | 15780 | 39.63 | -34.37 | 74 | 34.87 | 38.26 | 18.3 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| 802.11n HT20 CH 60 5300MHz | | 10600 | 40.86 | -33.14 | 74 | 36.96 | 39.92 | 15.19 | 51.21 | 100 | 0 | P | H | |
| | | 15900 | 39.58 | -34.42 | 74 | 34.73 | 38.28 | 18.37 | 51.8 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 10600 | 40.07 | -33.93 | 74 | 36.17 | 39.92 | 15.19 | 51.21 | 100 | 0 | P | V |
| | | | 15900 | 39.55 | -34.45 | 74 | 34.7 | 38.28 | 18.37 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| 802.11n HT20 CH 64 5320MHz | | 10640 | 40.09 | -33.91 | 74 | 36.17 | 39.89 | 15.22 | 51.19 | 100 | 0 | P | H | |
| | | 15960 | 39.78 | -34.22 | 74 | 34.87 | 38.29 | 18.42 | 51.8 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 10640 | 40.94 | -33.06 | 74 | 37.02 | 39.89 | 15.22 | 51.19 | 100 | 0 | P | V |
| | | | 15960 | 39.85 | -34.15 | 74 | 34.94 | 38.29 | 18.42 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|----------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT40 CH 54 5270MHz | | 5109.2 | 50.67 | -23.33 | 74 | 40.79 | 32.16 | 11.19 | 33.47 | 159 | 354 | P | H |
| | | 5042.38 | 41.59 | -12.41 | 54 | 31.77 | 32.07 | 11.22 | 33.47 | 159 | 354 | A | H |
| | * | 5270 | 98.69 | - | - | 88.58 | 32.37 | 11.22 | 33.48 | 159 | 354 | P | H |
| | * | 5270 | 89.53 | - | - | 79.42 | 32.37 | 11.22 | 33.48 | 159 | 354 | A | H |
| | | 5398.56 | 48.68 | -25.32 | 74 | 38.29 | 32.56 | 11.31 | 33.48 | 159 | 354 | P | H |
| | | 5438.16 | 40.88 | -13.12 | 54 | 30.41 | 32.61 | 11.34 | 33.48 | 159 | 354 | A | H |
| | | 5008.84 | 50.09 | -23.91 | 74 | 40.3 | 32.02 | 11.24 | 33.47 | 165 | 216 | P | V |
| | | 5082.16 | 41.62 | -12.38 | 54 | 31.76 | 32.12 | 11.21 | 33.47 | 165 | 216 | A | V |
| | * | 5270 | 99.55 | - | - | 89.44 | 32.37 | 11.22 | 33.48 | 165 | 216 | P | V |
| | * | 5270 | 91.1 | - | - | 80.99 | 32.37 | 11.22 | 33.48 | 165 | 216 | A | V |
| | | 5429.76 | 49.28 | -24.72 | 74 | 38.81 | 32.61 | 11.34 | 33.48 | 165 | 216 | P | V |
| | | 5459.04 | 40.98 | -13.02 | 54 | 30.49 | 32.63 | 11.34 | 33.48 | 165 | 216 | A | V |
| 802.11n HT40 CH 62 5310MHz | | 5137.54 | 50.03 | -23.97 | 74 | 40.12 | 32.19 | 11.19 | 33.47 | 163 | 354 | P | H |
| | | 5089.96 | 41.51 | -12.49 | 54 | 31.63 | 32.14 | 11.21 | 33.47 | 163 | 354 | A | H |
| | * | 5310 | 99.51 | - | - | 89.3 | 32.44 | 11.25 | 33.48 | 163 | 354 | P | H |
| | * | 5310 | 91 | - | - | 80.79 | 32.44 | 11.25 | 33.48 | 163 | 354 | A | H |
| | | 5453.04 | 49.08 | -24.92 | 74 | 38.59 | 32.63 | 11.34 | 33.48 | 163 | 354 | P | H |
| | | 5350.32 | 41.25 | -12.75 | 54 | 30.96 | 32.49 | 11.28 | 33.48 | 163 | 354 | A | H |
| | | 5007.54 | 50.94 | -23.06 | 74 | 41.15 | 32.02 | 11.24 | 33.47 | 167 | 215 | P | V |
| | | 5022.36 | 41.56 | -12.44 | 54 | 31.76 | 32.05 | 11.22 | 33.47 | 167 | 215 | A | V |
| | * | 5310 | 100.39 | - | - | 90.18 | 32.44 | 11.25 | 33.48 | 167 | 215 | P | V |
| | * | 5310 | 91.24 | - | - | 81.03 | 32.44 | 11.25 | 33.48 | 167 | 215 | A | V |
| | 5429.76 | 50.49 | -23.51 | 74 | 40.02 | 32.61 | 11.34 | 33.48 | 167 | 215 | P | V | |
| | 5350.32 | 41.07 | -12.93 | 54 | 30.78 | 32.49 | 11.28 | 33.48 | 167 | 215 | A | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------|--|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11n HT40 CH 54 5270MHz | | 10540 | 40.29 | -33.71 | 74 | 36.41 | 39.97 | 15.13 | 51.22 | 100 | 0 | P | H |
| | | 15810 | 40.04 | -33.96 | 74 | 35.25 | 38.26 | 18.33 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10540 | 41.39 | -32.61 | 74 | 37.51 | 39.97 | 15.13 | 51.22 | 100 | 0 | P | V |
| | | 15810 | 39.63 | -34.37 | 74 | 34.84 | 38.26 | 18.33 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11n HT40 CH 62 5310MHz | | 10620 | 40.87 | -33.13 | 74 | 36.97 | 39.9 | 15.19 | 51.19 | 100 | 0 | P | H |
| | | 15930 | 41.15 | -32.85 | 74 | 36.26 | 38.29 | 18.4 | 51.8 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 10620 | 39.55 | -34.45 | 74 | 35.65 | 39.9 | 15.19 | 51.19 | 100 | 0 | P | V |
| | | 15930 | 40.05 | -33.95 | 74 | 35.16 | 38.29 | 18.4 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ac VHT80 CH 58 5290MHz | | 5021.84 | 50.68 | -23.32 | 74 | 40.88 | 32.05 | 11.22 | 33.47 | 205 | 328 | P | H |
| | | 5015.34 | 43.78 | -10.22 | 54 | 33.99 | 32.02 | 11.24 | 33.47 | 205 | 328 | A | H |
| | * | 5290 | 96.63 | - | - | 86.49 | 32.4 | 11.22 | 33.48 | 205 | 328 | P | H |
| | * | 5290 | 89.02 | - | - | 78.88 | 32.4 | 11.22 | 33.48 | 205 | 328 | A | H |
| | | 5436.48 | 49.27 | -24.73 | 74 | 38.8 | 32.61 | 11.34 | 33.48 | 205 | 328 | P | H |
| | | 5351.28 | 43.16 | -10.84 | 54 | 32.87 | 32.49 | 11.28 | 33.48 | 205 | 328 | A | H |
| | | 5068.12 | 50.52 | -23.48 | 74 | 40.69 | 32.09 | 11.21 | 33.47 | 207 | 62 | P | V |
| | | 5051.48 | 43.85 | -10.15 | 54 | 34.03 | 32.07 | 11.22 | 33.47 | 207 | 62 | A | V |
| | * | 5290 | 96.91 | - | - | 86.77 | 32.4 | 11.22 | 33.48 | 207 | 62 | P | V |
| | * | 5290 | 89.36 | - | - | 79.22 | 32.4 | 11.22 | 33.48 | 207 | 62 | A | V |
| | | 5351.28 | 50.07 | -23.93 | 74 | 39.78 | 32.49 | 11.28 | 33.48 | 207 | 62 | P | V |
| | | 5358 | 43.33 | -10.67 | 54 | 33.04 | 32.49 | 11.28 | 33.48 | 207 | 62 | A | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ac VHT80 CH 58 5290MHz | | 10580 | 41.57 | -32.43 | 74 | 37.69 | 39.93 | 15.16 | 51.21 | 100 | 0 | P | H | |
| | | 15870 | 40.15 | -33.85 | 74 | 35.3 | 38.28 | 18.37 | 51.8 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 10580 | 41.79 | -32.21 | 74 | 37.91 | 39.93 | 15.16 | 51.21 | 100 | 0 | P | V |
| | | | 15870 | 41.5 | -32.5 | 74 | 36.65 | 38.28 | 18.37 | 51.8 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Peak | Pol. | |
|------------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 1 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11a CH 100 5500MHz | | 5448.08 | 50.54 | -23.46 | 74 | 40.05 | 32.63 | 11.34 | 33.48 | 226 | 337 | P | H | |
| | | 5447.76 | 42.98 | -11.02 | 54 | 32.49 | 32.63 | 11.34 | 33.48 | 226 | 337 | A | H | |
| | * | 5500 | 103.74 | - | - | 93.14 | 32.7 | 11.38 | 33.48 | 226 | 337 | P | H | |
| | * | 5500 | 94.25 | - | - | 83.65 | 32.7 | 11.38 | 33.48 | 226 | 337 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 5448.24 | 50.03 | -23.97 | 74 | 39.54 | 32.63 | 11.34 | 33.48 | 226 | 47 | P | V |
| | | | 5447.76 | 42.51 | -11.49 | 54 | 32.02 | 32.63 | 11.34 | 33.48 | 226 | 47 | A | V |
| | * | | 5500 | 102.58 | - | - | 91.98 | 32.7 | 11.38 | 33.48 | 226 | 47 | P | V |
| | * | | 5500 | 94.11 | - | - | 83.51 | 32.7 | 11.38 | 33.48 | 226 | 47 | A | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| 802.11a CH 116 5580MHz | | 5427.52 | 50.22 | -23.78 | 74 | 39.78 | 32.58 | 11.34 | 33.48 | 100 | 349 | P | H | |
| | | 5460.88 | 41.11 | -12.89 | 54 | 30.58 | 32.63 | 11.38 | 33.48 | 100 | 349 | A | H | |
| | * | 5580 | 103.4 | - | - | 92.68 | 32.8 | 11.44 | 33.52 | 100 | 349 | P | H | |
| | * | 5580 | 94.08 | - | - | 83.36 | 32.8 | 11.44 | 33.52 | 100 | 349 | A | H | |
| | | | 5763.6 | 50.47 | -23.53 | 74 | 39.53 | 33.06 | 11.46 | 33.58 | 100 | 349 | P | H |
| | | | 5763.775 | 41.17 | -12.83 | 54 | 30.23 | 33.06 | 11.46 | 33.58 | 100 | 349 | A | H |
| | | | 5455.6 | 49.6 | -24.4 | 74 | 39.11 | 32.63 | 11.34 | 33.48 | 185 | 26 | P | V |
| | | | 5468.56 | 41.17 | -12.83 | 54 | 30.62 | 32.65 | 11.38 | 33.48 | 185 | 26 | A | V |
| | * | | 5580 | 104.26 | - | - | 93.54 | 32.8 | 11.44 | 33.52 | 185 | 26 | P | V |
| | * | | 5580 | 94.94 | - | - | 84.22 | 32.8 | 11.44 | 33.52 | 185 | 26 | A | V |
| | | | 5739.975 | 49.89 | -24.11 | 74 | 38.96 | 33.04 | 11.46 | 33.57 | 185 | 26 | P | V |
| | | | 5728.075 | 41.2 | -12.8 | 54 | 30.3 | 33.01 | 11.46 | 33.57 | 185 | 26 | A | V |



| WiFi Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------|---------------|---|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|--|
| 802.11a CH 140 5700MHz | * | 5700 | 104.95 | - | - | 94.07 | 32.97 | 11.47 | 33.56 | 172 | 325 | P | H | |
| | * | 5700 | 96.03 | - | - | 85.15 | 32.97 | 11.47 | 33.56 | 172 | 325 | A | H | |
| | | 5725.24 | 53.18 | -20.82 | 74 | 42.28 | 33.01 | 11.46 | 33.57 | 172 | 325 | P | H | |
| | | 5752.2 | 43.41 | -10.59 | 54 | 32.46 | 33.06 | 11.46 | 33.57 | 172 | 325 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | * | 5700 | 105.11 | - | - | 94.23 | 32.97 | 11.47 | 33.56 | 186 | 27 | P | V | |
| | * | 5700 | 96.55 | - | - | 85.67 | 32.97 | 11.47 | 33.56 | 186 | 27 | A | V | |
| | | 5727.88 | 52.71 | -21.29 | 74 | 41.81 | 33.01 | 11.46 | 33.57 | 186 | 27 | P | V | |
| | | 5752.6 | 44.15 | -9.85 | 54 | 33.2 | 33.06 | 11.46 | 33.57 | 186 | 27 | A | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11a CH 100 5500MHz | | 11000 | 41.36 | -32.64 | 74 | 37.3 | 39.6 | 15.49 | 51.03 | 100 | 0 | P | H |
| | | 16500 | 42.15 | -31.85 | 74 | 35.55 | 39.2 | 19.27 | 51.87 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11000 | 41.43 | -32.57 | 74 | 37.37 | 39.6 | 15.49 | 51.03 | 100 | 0 | P | V |
| | | 16500 | 42.34 | -31.66 | 74 | 35.74 | 39.2 | 19.27 | 51.87 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11a CH 116 5580MHz | | 11160 | 41.7 | -32.3 | 74 | 37.75 | 39.43 | 15.61 | 51.09 | 100 | 0 | P | H |
| | | 16740 | 43.68 | -30.32 | 74 | 35.36 | 40.55 | 19.68 | 51.91 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11160 | 41.41 | -32.59 | 74 | 37.46 | 39.43 | 15.61 | 51.09 | 100 | 0 | P | V |
| | | 16740 | 43.06 | -30.94 | 74 | 34.74 | 40.55 | 19.68 | 51.91 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11a CH 140 5700MHz | | 11400 | 40.98 | -33.02 | 74 | 37.18 | 39.2 | 15.79 | 51.19 | 100 | 0 | P | H |
| | | 17100 | 44.86 | -29.14 | 74 | 34.17 | 42.36 | 20.3 | 51.97 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11400 | 40.71 | -33.29 | 74 | 36.91 | 39.2 | 15.79 | 51.19 | 100 | 0 | P | V |
| | | 17100 | 46.68 | -27.32 | 74 | 35.99 | 42.36 | 20.3 | 51.97 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------|------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11n HT20 CH 100 5500MHz | | 5448.08 | 50.7 | -23.3 | 74 | 40.21 | 32.63 | 11.34 | 33.48 | 151 | 340 | P | H | |
| | | 5448.24 | 42.83 | -11.17 | 54 | 32.34 | 32.63 | 11.34 | 33.48 | 151 | 340 | A | H | |
| | * | 5500 | 103.01 | - | - | 92.41 | 32.7 | 11.38 | 33.48 | 151 | 340 | P | H | |
| | * | 5500 | 94.11 | - | - | 83.51 | 32.7 | 11.38 | 33.48 | 151 | 340 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 5456.56 | 50.04 | -23.96 | 74 | 39.55 | 32.63 | 11.34 | 33.48 | 161 | 140 | P | V |
| | | | 5448.4 | 42.23 | -11.77 | 54 | 31.74 | 32.63 | 11.34 | 33.48 | 161 | 140 | A | V |
| | | * | 5500 | 101.34 | - | - | 90.74 | 32.7 | 11.38 | 33.48 | 161 | 140 | P | V |
| | | * | 5500 | 91.87 | - | - | 81.27 | 32.7 | 11.38 | 33.48 | 161 | 140 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| 802.11n HT20 CH 116 5580MHz | | 5452 | 49.79 | -24.21 | 74 | 39.3 | 32.63 | 11.34 | 33.48 | 168 | 330 | P | H | |
| | | 5470 | 40.3 | -13.7 | 54 | 29.75 | 32.65 | 11.38 | 33.48 | 168 | 330 | A | H | |
| | | * | 5580 | 103.77 | - | - | 93.05 | 32.8 | 11.44 | 33.52 | 168 | 330 | P | H |
| | | * | 5580 | 95.25 | - | - | 84.53 | 32.8 | 11.44 | 33.52 | 168 | 330 | A | H |
| | | | 5751.875 | 50.41 | -23.59 | 74 | 39.46 | 33.06 | 11.46 | 33.57 | 168 | 330 | P | H |
| | | | 5764.125 | 40.38 | -13.62 | 54 | 29.44 | 33.06 | 11.46 | 33.58 | 168 | 330 | A | H |
| | | | 5437.6 | 49.64 | -24.36 | 74 | 39.17 | 32.61 | 11.34 | 33.48 | 162 | 122 | P | V |
| | | | 5469.04 | 40.29 | -13.71 | 54 | 29.74 | 32.65 | 11.38 | 33.48 | 162 | 122 | A | V |
| | | * | 5580 | 100.04 | - | - | 89.32 | 32.8 | 11.44 | 33.52 | 162 | 122 | P | V |
| | | * | 5580 | 92.75 | - | - | 82.03 | 32.8 | 11.44 | 33.52 | 162 | 122 | A | V |
| | | 5765 | 49.62 | -24.38 | 74 | 38.68 | 33.06 | 11.46 | 33.58 | 162 | 122 | P | V | |
| | | 5763.775 | 40.36 | -13.64 | 54 | 29.42 | 33.06 | 11.46 | 33.58 | 162 | 122 | A | V | |



| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|--------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11n HT20 CH 140 5700MHz | * | 5700 | 102.19 | - | - | 91.31 | 32.97 | 11.47 | 33.56 | 168 | 327 | P | H | |
| | * | 5700 | 94.6 | - | - | 83.72 | 32.97 | 11.47 | 33.56 | 168 | 327 | A | H | |
| | | 5751.48 | 51.75 | -22.25 | 74 | 40.82 | 33.04 | 11.46 | 33.57 | 168 | 327 | P | H | |
| | | 5751.72 | 43.24 | -10.76 | 54 | 32.29 | 33.06 | 11.46 | 33.57 | 168 | 327 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | * | 5700 | 103.33 | - | - | 92.45 | 32.97 | 11.47 | 33.56 | 153 | 145 | P | V | |
| | * | 5700 | 94.69 | - | - | 83.81 | 32.97 | 11.47 | 33.56 | 153 | 145 | A | V | |
| | | 5751.72 | 52.28 | -21.72 | 74 | 41.33 | 33.06 | 11.46 | 33.57 | 153 | 145 | P | V | |
| | | 5751.64 | 44.67 | -9.33 | 54 | 33.72 | 33.06 | 11.46 | 33.57 | 153 | 145 | A | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | <ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT20 CH 100 5500MHz | | 11000 | 41.69 | -32.31 | 74 | 37.63 | 39.6 | 15.49 | 51.03 | 100 | 0 | P | H |
| | | 16500 | 41.72 | -32.28 | 74 | 35.12 | 39.2 | 19.27 | 51.87 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11000 | 40.89 | -33.11 | 74 | 36.83 | 39.6 | 15.49 | 51.03 | 100 | 0 | P | V |
| | | 16500 | 41.54 | -32.46 | 74 | 34.94 | 39.2 | 19.27 | 51.87 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11n HT20 CH 116 5580MHz | | 11160 | 41.09 | -32.91 | 74 | 37.14 | 39.43 | 15.61 | 51.09 | 100 | 0 | P | H |
| | | 16740 | 42.84 | -31.16 | 74 | 34.52 | 40.55 | 19.68 | 51.91 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11160 | 41.3 | -32.7 | 74 | 37.35 | 39.43 | 15.61 | 51.09 | 100 | 0 | P | V |
| | | 16740 | 43.64 | -30.36 | 74 | 35.32 | 40.55 | 19.68 | 51.91 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11n HT20 CH 140 5700MHz | | 11400 | 41.34 | -32.66 | 74 | 37.54 | 39.2 | 15.79 | 51.19 | 100 | 0 | P | H |
| | | 17100 | 46.1 | -27.9 | 74 | 35.41 | 42.36 | 20.3 | 51.97 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11400 | 40.63 | -33.37 | 74 | 36.83 | 39.2 | 15.79 | 51.19 | 100 | 0 | P | V |
| | | 17100 | 45.63 | -28.37 | 74 | 34.94 | 42.36 | 20.3 | 51.97 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|----------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT40 CH 102 5510MHz | | 5469.28 | 50.32 | -23.68 | 74 | 39.77 | 32.65 | 11.38 | 33.48 | 221 | 342 | P | H |
| | | 5470 | 42.59 | -11.41 | 54 | 32.04 | 32.65 | 11.38 | 33.48 | 221 | 342 | A | H |
| | * | 5510 | 100.07 | - | - | 89.45 | 32.7 | 11.41 | 33.49 | 221 | 342 | P | H |
| | * | 5510 | 90.64 | - | - | 80.02 | 32.7 | 11.41 | 33.49 | 221 | 342 | A | H |
| | | 5754.85 | 48.52 | -25.48 | 74 | 37.57 | 33.06 | 11.46 | 33.57 | 221 | 342 | P | H |
| | | 5754.5 | 41.43 | -12.57 | 54 | 30.48 | 33.06 | 11.46 | 33.57 | 221 | 342 | A | H |
| | | 5469.52 | 50.31 | -23.69 | 74 | 39.76 | 32.65 | 11.38 | 33.48 | 195 | 24 | P | V |
| | | 5463.28 | 41.86 | -12.14 | 54 | 31.31 | 32.65 | 11.38 | 33.48 | 195 | 24 | A | V |
| | * | 5510 | 97.37 | - | - | 86.75 | 32.7 | 11.41 | 33.49 | 195 | 24 | P | V |
| | * | 5510 | 89.73 | - | - | 79.11 | 32.7 | 11.41 | 33.49 | 195 | 24 | A | V |
| | | 5747.85 | 49.48 | -24.52 | 74 | 38.55 | 33.04 | 11.46 | 33.57 | 195 | 24 | P | V |
| | | 5754.5 | 41.23 | -12.77 | 54 | 30.28 | 33.06 | 11.46 | 33.57 | 195 | 24 | A | V |
| 802.11n HT40 CH 110 5550MHz | | 5452.72 | 49.7 | -24.3 | 74 | 39.21 | 32.63 | 11.34 | 33.48 | 202 | 324 | P | H |
| | | 5465.68 | 41.25 | -12.75 | 54 | 30.7 | 32.65 | 11.38 | 33.48 | 202 | 324 | A | H |
| | * | 5550 | 99.73 | - | - | 89.02 | 32.77 | 11.44 | 33.5 | 202 | 324 | P | H |
| | * | 5550 | 91.26 | - | - | 80.55 | 32.77 | 11.44 | 33.5 | 202 | 324 | A | H |
| | | 5746.625 | 49.1 | -24.9 | 74 | 38.17 | 33.04 | 11.46 | 33.57 | 202 | 324 | P | H |
| | | 5752.75 | 41.26 | -12.74 | 54 | 30.31 | 33.06 | 11.46 | 33.57 | 202 | 324 | A | H |
| | | 5453.44 | 49.37 | -24.63 | 74 | 38.88 | 32.63 | 11.34 | 33.48 | 203 | 26 | P | V |
| | | 5466.16 | 41.2 | -12.8 | 54 | 30.65 | 32.65 | 11.38 | 33.48 | 203 | 26 | A | V |
| | * | 5550 | 98.52 | - | - | 87.81 | 32.77 | 11.44 | 33.5 | 203 | 26 | P | V |
| | * | 5550 | 90.82 | - | - | 80.11 | 32.77 | 11.44 | 33.5 | 203 | 26 | A | V |
| | 5736.125 | 49.54 | -24.46 | 74 | 38.61 | 33.04 | 11.46 | 33.57 | 203 | 26 | P | V | |
| | 5753.1 | 41.55 | -12.45 | 54 | 30.6 | 33.06 | 11.46 | 33.57 | 203 | 26 | A | V | |



| WiFi Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT40 CH 134 5670MHz | | 5466.4 | 49.76 | -24.24 | 74 | 39.21 | 32.65 | 11.38 | 33.48 | 175 | 326 | P | H |
| | | 5469.52 | 41.08 | -12.92 | 54 | 30.53 | 32.65 | 11.38 | 33.48 | 175 | 326 | A | H |
| | * | 5670 | 100.17 | - | - | 89.31 | 32.94 | 11.47 | 33.55 | 175 | 326 | P | H |
| | * | 5670 | 92.21 | - | - | 81.35 | 32.94 | 11.47 | 33.55 | 175 | 326 | A | H |
| | | 5750.125 | 50.05 | -23.95 | 74 | 39.12 | 33.04 | 11.46 | 33.57 | 175 | 326 | P | H |
| | | 5757.825 | 41.2 | -12.8 | 54 | 30.26 | 33.06 | 11.46 | 33.58 | 175 | 326 | A | H |
| | | 5464.96 | 50.28 | -23.72 | 74 | 39.73 | 32.65 | 11.38 | 33.48 | 201 | 27 | P | V |
| | | 5453.68 | 41.22 | -12.78 | 54 | 30.73 | 32.63 | 11.34 | 33.48 | 201 | 27 | A | V |
| | * | 5670 | 100.23 | - | - | 89.37 | 32.94 | 11.47 | 33.55 | 201 | 27 | P | V |
| | * | 5670 | 91.98 | - | - | 81.12 | 32.94 | 11.47 | 33.55 | 201 | 27 | A | V |
| | | 5748.025 | 49.53 | -24.47 | 74 | 38.6 | 33.04 | 11.46 | 33.57 | 201 | 27 | P | V |
| | | 5725.275 | 41.45 | -12.55 | 54 | 30.55 | 33.01 | 11.46 | 33.57 | 201 | 27 | A | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11n HT40 CH 102 5510MHz | | 11020 | 41.85 | -32.15 | 74 | 37.81 | 39.58 | 15.49 | 51.03 | 100 | 0 | P | H |
| | | 16530 | 42.62 | -31.38 | 74 | 35.76 | 39.39 | 19.34 | 51.87 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11020 | 41.76 | -32.24 | 74 | 37.72 | 39.58 | 15.49 | 51.03 | 100 | 0 | P | V |
| | | 16530 | 42.17 | -31.83 | 74 | 35.31 | 39.39 | 19.34 | 51.87 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11n HT40 CH 110 5550MHz | | 11100 | 41.42 | -32.58 | 74 | 37.43 | 39.5 | 15.55 | 51.06 | 100 | 0 | P | H |
| | | 16650 | 42.78 | -31.22 | 74 | 35.07 | 40.07 | 19.54 | 51.9 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11100 | 41.94 | -32.06 | 74 | 37.95 | 39.5 | 15.55 | 51.06 | 100 | 0 | P | V |
| | | 16650 | 43.07 | -30.93 | 74 | 35.36 | 40.07 | 19.54 | 51.9 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11n HT40 CH 134 5670MHz | | 11340 | 41.67 | -32.33 | 74 | 37.85 | 39.27 | 15.73 | 51.18 | 100 | 0 | P | H |
| | | 17010 | 45.76 | -28.24 | 74 | 35.5 | 42.06 | 20.16 | 51.96 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11340 | 41.4 | -32.6 | 74 | 37.58 | 39.27 | 15.73 | 51.18 | 100 | 0 | P | V |
| | | 17010 | 45.19 | -28.81 | 74 | 34.93 | 42.06 | 20.16 | 51.96 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ac VHT80 CH 106 5530MHz | | 5469.28 | 52.37 | -21.63 | 74 | 41.82 | 32.65 | 11.38 | 33.48 | 200 | 329 | P | H |
| | | 5469.28 | 46.12 | -7.88 | 54 | 35.57 | 32.65 | 11.38 | 33.48 | 200 | 329 | A | H |
| | * | 5530 | 97.14 | - | - | 86.51 | 32.72 | 11.41 | 33.5 | 200 | 329 | P | H |
| | * | 5530 | 88.62 | - | - | 77.99 | 32.72 | 11.41 | 33.5 | 200 | 329 | A | H |
| | | 5761.5 | 50.67 | -23.33 | 74 | 39.73 | 33.06 | 11.46 | 33.58 | 200 | 329 | P | H |
| | | 5752.225 | 43.04 | -10.96 | 54 | 32.09 | 33.06 | 11.46 | 33.57 | 200 | 329 | A | H |
| | | 5466.88 | 52.46 | -21.54 | 74 | 41.91 | 32.65 | 11.38 | 33.48 | 197 | 49 | P | V |
| | | 5467.36 | 45.35 | -8.65 | 54 | 34.8 | 32.65 | 11.38 | 33.48 | 197 | 49 | A | V |
| | * | 5530 | 96.37 | - | - | 85.74 | 32.72 | 11.41 | 33.5 | 197 | 49 | P | V |
| | * | 5530 | 88.85 | - | - | 78.22 | 32.72 | 11.41 | 33.5 | 197 | 49 | A | V |
| | | 5750.65 | 49.97 | -24.03 | 74 | 39.04 | 33.04 | 11.46 | 33.57 | 197 | 49 | P | V |
| | | 5736.475 | 43.13 | -10.87 | 54 | 32.2 | 33.04 | 11.46 | 33.57 | 197 | 49 | A | V |
| 802.11ac VHT80 CH 122 5610MHz | | 5385.52 | 49.5 | -24.5 | 74 | 39.13 | 32.54 | 11.31 | 33.48 | 245 | 328 | P | H |
| | | 5424.16 | 43.74 | -10.26 | 54 | 33.3 | 32.58 | 11.34 | 33.48 | 245 | 328 | A | H |
| | * | 5610 | 97.54 | - | - | 86.75 | 32.84 | 11.48 | 33.53 | 245 | 328 | P | H |
| | * | 5610 | 90.11 | - | - | 79.32 | 32.84 | 11.48 | 33.53 | 245 | 328 | A | H |
| | | 5754.325 | 49.82 | -24.18 | 74 | 38.87 | 33.06 | 11.46 | 33.57 | 245 | 328 | P | H |
| | | 5746.275 | 43.06 | -10.94 | 54 | 32.13 | 33.04 | 11.46 | 33.57 | 245 | 328 | A | H |
| | | 5468.56 | 49.18 | -24.82 | 74 | 38.63 | 32.65 | 11.38 | 33.48 | 183 | 54 | P | V |
| | | 5452.96 | 42.99 | -11.01 | 54 | 32.5 | 32.63 | 11.34 | 33.48 | 183 | 54 | A | V |
| | * | 5610 | 97.38 | - | - | 86.59 | 32.84 | 11.48 | 33.53 | 183 | 54 | P | V |
| | * | 5610 | 90.33 | - | - | 79.54 | 32.84 | 11.48 | 33.53 | 183 | 54 | A | V |
| | 5732.625 | 49.92 | -24.08 | 74 | 39.02 | 33.01 | 11.46 | 33.57 | 183 | 54 | P | V | |
| | 5758 | 43.19 | -10.81 | 54 | 32.25 | 33.06 | 11.46 | 33.58 | 183 | 54 | A | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI Ant. 1 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|-------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ac VHT80 CH 106 5530MHz | | 11060 | 40.81 | -33.19 | 74 | 36.81 | 39.53 | 15.52 | 51.05 | 100 | 0 | P | H |
| | | 16590 | 41.96 | -32.04 | 74 | 34.68 | 39.68 | 19.48 | 51.88 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11060 | 41.18 | -32.82 | 74 | 37.18 | 39.53 | 15.52 | 51.05 | 100 | 0 | P | V |
| | | 16590 | 41.57 | -32.43 | 74 | 34.29 | 39.68 | 19.48 | 51.88 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT80 CH 122 5610MHz | | 11220 | 41 | -33 | 74 | 37.11 | 39.38 | 15.64 | 51.13 | 100 | 0 | P | H |
| | | 16830 | 43.89 | -30.11 | 74 | 34.9 | 41.03 | 19.89 | 51.93 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 11220 | 40.97 | -33.03 | 74 | 37.08 | 39.38 | 15.64 | 51.13 | 100 | 0 | P | V |
| | | 16830 | 44.02 | -29.98 | 74 | 35.03 | 41.03 | 19.89 | 51.93 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Peak | Pol. | |
|--------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 1 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11 ac VHT80 LF | | 76.71 | 26.27 | -13.73 | 40 | 43.32 | 13.23 | 1.51 | 31.79 | - | - | P | H | |
| | | 190.92 | 28.64 | -14.86 | 43.5 | 42.95 | 15.37 | 2.1 | 31.78 | - | - | P | H | |
| | | 274.89 | 33.21 | -12.79 | 46 | 43.14 | 19.25 | 2.58 | 31.76 | - | - | P | H | |
| | | 356.7 | 27.01 | -18.99 | 46 | 34.73 | 21.28 | 2.78 | 31.78 | - | - | P | H | |
| | | 745.9 | 34.74 | -11.26 | 46 | 35.01 | 27.62 | 4.09 | 31.98 | 204 | 158 | P | H | |
| | | 946.8 | 33.96 | -12.04 | 46 | 29.81 | 30.52 | 4.69 | 31.06 | - | - | P | H | |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | 32.7 | 36.34 | -3.66 | 40 | 42.74 | 24.14 | 1.29 | 31.83 | 311 | 219 | P | V |
| | | | 77.25 | 33.3 | -6.7 | 40 | 50.23 | 13.35 | 1.51 | 31.79 | - | - | P | V |
| | | | 180.93 | 25.83 | -17.67 | 43.5 | 40.3 | 15.21 | 2.1 | 31.78 | - | - | P | V |
| | | | 405.7 | 28.48 | -17.52 | 46 | 34.88 | 22.5 | 2.91 | 31.81 | - | - | P | V |
| | | | 729.1 | 30.1 | -15.9 | 46 | 30.8 | 27.29 | 4.02 | 32.01 | - | - | P | V |
| | | | 945.4 | 33.72 | -12.28 | 46 | 29.61 | 30.49 | 4.69 | 31.07 | - | - | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | | |



Note symbol

| | |
|-----|--|
| * | Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| ! | Test result is over limit line. |
| P/A | Peak or Average |
| H/V | Horizontal or Vertical |



A calculation example for radiated spurious emission is shown as below:

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Peak | Pol. |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 802.11b | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| CH 01 | | | | | | | | | | | | | |
| 2412MHz | | 2390 | 43.54 | -10.46 | 54 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

- Level(dBμV/m) =
Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.