

**TEST RESULTS DATA**  
**6dB and 99% OBW**

| Band IV |           |     |     |             |                      |                               |           |
|---------|-----------|-----|-----|-------------|----------------------|-------------------------------|-----------|
| Mod.    | Data Rate | NTX | CH. | Freq. (MHz) | 6 dB Bandwidth (MHz) | FCC 6dB Bandwidth Limit (MHz) | Pass/Fail |
| 11a     | 6M bps    | 1   | 149 | 5745        | 15.08                | 0.5                           | Pass      |
| 11a     | 6Mbps     | 1   | 157 | 5785        | 15.08                | 0.5                           | Pass      |
| 11a     | 6Mbps     | 1   | 165 | 5825        | 15.12                | 0.5                           | Pass      |
| HT20    | MCS 0     | 1   | 149 | 5745        | 15.08                | 0.5                           | Pass      |
| HT20    | MCS 0     | 1   | 157 | 5785        | 15.12                | 0.5                           | Pass      |
| HT20    | MCS 0     | 1   | 165 | 5825        | 15.12                | 0.5                           | Pass      |

**TEST RESULTS DATA**  
**Average Power Table**

| FCC Band IV |           |     |     |             |                  |                               |                                 |          |  |           |
|-------------|-----------|-----|-----|-------------|------------------|-------------------------------|---------------------------------|----------|--|-----------|
| Mod.        | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) | FCC Conducted Power Limit (dBm) | DG (dBi) |  | Pass/Fail |
| 11a         | 6M bps    | 1   | 149 | 5745        | 0.06             | 14.69                         | 30.00                           | 3.34     |  | Pass      |
| 11a         | 6Mbps     | 1   | 157 | 5785        | 0.06             | 14.36                         | 30.00                           | 3.34     |  | Pass      |
| 11a         | 6Mbps     | 1   | 165 | 5825        | 0.06             | 14.28                         | 30.00                           | 3.34     |  | Pass      |
| HT20        | MCS 0     | 1   | 149 | 5745        | 0.07             | 14.61                         | 30.00                           | 3.34     |  | Pass      |
| HT20        | MCS 0     | 1   | 157 | 5785        | 0.07             | 15.01                         | 30.00                           | 3.34     |  | Pass      |
| HT20        | MCS 0     | 1   | 165 | 5825        | 0.07             | 14.71                         | 30.00                           | 3.34     |  | Pass      |

**TEST RESULTS DATA**  
**Power Spectral Density**

| Band IV |           |                 |     |             |                  |                                 |                                    |                                |          |           |
|---------|-----------|-----------------|-----|-------------|------------------|---------------------------------|------------------------------------|--------------------------------|----------|-----------|
| Mod.    | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Duty Factor (dB) | 10log (500kHz /RBW) Factor (dB) | Average Power Density (dBm/500kHz) | Average PSD Limit (dBm/500kHz) | DG (dBi) | Pass/Fail |
| 11a     | 6M bps    | 1               | 149 | 5745        | 0.06             | 2.22                            | 1.12                               | 30.00                          | 3.34     | Pass      |
| 11a     | 6Mbps     | 1               | 157 | 5785        | 0.06             | 2.22                            | 0.37                               | 30.00                          | 3.34     | Pass      |
| 11a     | 6Mbps     | 1               | 165 | 5825        | 0.06             | 2.22                            | 0.11                               | 30.00                          | 3.34     | Pass      |
| HT20    | MCS 0     | 1               | 149 | 5745        | 0.07             | 2.22                            | 0.76                               | 30.00                          | 3.34     | Pass      |
| HT20    | MCS 0     | 1               | 157 | 5785        | 0.07             | 2.22                            | 1.09                               | 30.00                          | 3.34     | Pass      |
| HT20    | MCS 0     | 1               | 165 | 5825        | 0.07             | 2.22                            | 0.70                               | 30.00                          | 3.34     | Pass      |

**TEST RESULTS DATA**  
**Frequency Stability**

| Band IV |           |     |     |             |                        |                           |                           |                  |             |      |
|---------|-----------|-----|-----|-------------|------------------------|---------------------------|---------------------------|------------------|-------------|------|
| Mod.    | Data Rate | NTX | CH. | Freq. (MHz) | Center Frequency (MHz) | Frequency Deviation (MHz) | Frequency Stability (ppm) | Temperature (°C) | Voltage (V) | Note |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.050               | 0.050                     | 8.70                      | 20               | 3.2         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.050               | 0.050                     | 8.70                      | 20               | 4.2         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.000               | 0.000                     | 0.00                      | 20               | 3.7         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.025               | 0.025                     | 4.35                      | -30              | 3.7         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.000               | 0.000                     | 0.00                      | 50               | 3.7         |      |