

|                |           |                    |         |    |
|----------------|-----------|--------------------|---------|----|
| Test Engineer: | Derek Hsu | Temperature:       | 22.1~25 | °C |
| Test Date:     | 2015/8/19 | Relative Humidity: | 52~55.2 | %  |

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

| Band IV |           |                 |     |             |                      |                               |           |
|---------|-----------|-----------------|-----|-------------|----------------------|-------------------------------|-----------|
| Mod.    | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | 6 dB Bandwidth (MHz) | FCC 6dB Bandwidth Limit (MHz) | Pass/Fail |
| 11a     | 6M bps    | 1               | 149 | 5745        | 15.76                | 0.5                           | Pass      |
| 11a     | 6Mbps     | 1               | 157 | 5785        | 15.64                | 0.5                           | Pass      |
| 11a     | 6Mbps     | 1               | 165 | 5825        | 15.72                | 0.5                           | Pass      |
| HT20    | MCS 0     | 1               | 149 | 5745        | 15.56                | 0.5                           | Pass      |
| HT20    | MCS 0     | 1               | 157 | 5785        | 16.28                | 0.5                           | Pass      |
| HT20    | MCS 0     | 1               | 165 | 5825        | 15.92                | 0.5                           | Pass      |

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

| Band IV |           |                 |     |             |                  |                               |                                 |          |   |           |
|---------|-----------|-----------------|-----|-------------|------------------|-------------------------------|---------------------------------|----------|---|-----------|
| Mod.    | Data Rate | N <sub>TX</sub> | 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        | 0.09             | 11.67                         | 30.00                           | 2.00     |   | Pass      |
| 11a     | 6Mbps     | 1               | 157 | 5785        | 0.09             | 11.52                         | 30.00                           | 2.00     |   | Pass      |
| 11a     | 6Mbps     | 1               | 165 | 5825        | 0.09             | 11.94                         | 30.00                           | 2.00     |   | Pass      |
| HT20    | MCS 0     | 1               | 149 | 5745        | 0.13             | 11.56                         | 30.00                           | 2.00     |   | Pass      |
| HT20    | MCS 0     | 1               | 157 | 5785        | 0.13             | 11.51                         | 30.00                           | 2.00     |   | Pass      |
| HT20    | MCS 0     | 1               | 165 | 5825        | 0.13             | 11.99                         | 30.00                           | 2.00     |   | 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        | 0.09             | 2.22                            | -3.06                              | 30.00                          | 2.00     | Pass      |
| 11a     | 6Mbps     | 1               | 157 | 5785        | 0.09             | 2.22                            | -3.30                              | 30.00                          | 2.00     | Pass      |
| 11a     | 6Mbps     | 1               | 165 | 5825        | 0.09             | 2.22                            | -2.87                              | 30.00                          | 2.00     | Pass      |
| HT20    | MCS 0     | 1               | 149 | 5745        | 0.13             | 2.22                            | -3.47                              | 30.00                          | 2.00     | Pass      |
| HT20    | MCS 0     | 1               | 157 | 5785        | 0.13             | 2.22                            | -3.62                              | 30.00                          | 2.00     | Pass      |
| HT20    | MCS 0     | 1               | 165 | 5825        | 0.13             | 2.22                            | -3.44                              | 30.00                          | 2.00     | 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        | 5745.000               | 0.000                     | 0.00                      | 20               | 108         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.000               | 0.000                     | 0.00                      | 20               | 132         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.050               | 0.050                     | 8.70                      | 20               | 120         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5745.050               | 0.050                     | 8.70                      | -10              | 120         |      |
| 11a     | 6M bps    | 1   | 149 | 5745        | 5744.950               | -0.050                    | -8.70                     | 55               | 120         |      |