

**A1 - DTS Part**

|                |                         |                    |       |    |
|----------------|-------------------------|--------------------|-------|----|
| Test Engineer: | Bill Kuo                | Temperature:       | 21~25 | °C |
| Test Date:     | 2015/07/30 ~ 2015/08/21 | Relative Humidity: | 51~54 | %  |

**TEST RESULTS DATA**  
**6dB Occupied Bandwidth**

| 2.4GHz Band |           |     |     |             |  |              |                    |           |
|-------------|-----------|-----|-----|-------------|--|--------------|--------------------|-----------|
| Mod.        | Data Rate | NTx | CH. | Freq. (MHz) |  | 6dB BW (MHz) | 6dB BW Limit (MHz) | Pass/Fail |
| 11b         | 1Mbps     | 1   | 1   | 2412        |  | 9.04         | 0.50               | Pass      |
| 11b         | 1Mbps     | 1   | 6   | 2437        |  | 9.08         | 0.50               | Pass      |
| 11b         | 1Mbps     | 1   | 11  | 2462        |  | 9.08         | 0.50               | Pass      |
| 11g         | 6Mbps     | 1   | 1   | 2412        |  | 16.36        | 0.50               | Pass      |
| 11g         | 6Mbps     | 1   | 6   | 2437        |  | 16.40        | 0.50               | Pass      |
| 11g         | 6Mbps     | 1   | 11  | 2462        |  | 16.40        | 0.50               | Pass      |
| HT20        | MCS0      | 1   | 1   | 2412        |  | 17.64        | 0.50               | Pass      |
| HT20        | MCS0      | 1   | 6   | 2437        |  | 17.60        | 0.50               | Pass      |
| HT20        | MCS0      | 1   | 11  | 2462        |  | 17.64        | 0.50               | Pass      |

**TEST RESULTS DATA**  
**Peak Power Table**

| 2.4GHz Band |           |     |     |             |                            |                             |          |                  |                        |            |
|-------------|-----------|-----|-----|-------------|----------------------------|-----------------------------|----------|------------------|------------------------|------------|
| Mod.        | Data Rate | NTx | CH. | Freq. (MHz) | Peak Conducted Power (dBm) | Conducted Power Limit (dBm) | DG (dBi) | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| 11b         | 1Mbps     | 1   | 1   | 2412        | 22.20                      | 30.00                       | 2.50     | 24.70            | 36.00                  | Pass       |
| 11b         | 1Mbps     | 1   | 6   | 2437        | 22.19                      | 30.00                       | 2.50     | 24.69            | 36.00                  | Pass       |
| 11b         | 1Mbps     | 1   | 11  | 2462        | 21.28                      | 30.00                       | 2.50     | 23.78            | 36.00                  | Pass       |
| 11g         | 6Mbps     | 1   | 1   | 2412        | 22.72                      | 30.00                       | 2.50     | 25.22            | 36.00                  | Pass       |
| 11g         | 6Mbps     | 1   | 6   | 2437        | 24.41                      | 30.00                       | 2.50     | 26.91            | 36.00                  | Pass       |
| 11g         | 6Mbps     | 1   | 11  | 2462        | 22.05                      | 30.00                       | 2.50     | 24.55            | 36.00                  | Pass       |
| HT20        | MCS0      | 1   | 1   | 2412        | 22.41                      | 30.00                       | 2.50     | 24.91            | 36.00                  | Pass       |
| HT20        | MCS0      | 1   | 6   | 2437        | 24.21                      | 30.00                       | 2.50     | 26.71            | 36.00                  | Pass       |
| HT20        | MCS0      | 1   | 11  | 2462        | 21.21                      | 30.00                       | 2.50     | 23.71            | 36.00                  | Pass       |

**TEST RESULTS DATA**  
**Average Power Table**  
**(Reporting Only)**

| 2.4GHz Band |           |                 |     |             |                  |                               |
|-------------|-----------|-----------------|-----|-------------|------------------|-------------------------------|
| Mod.        | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
| 11b         | 1Mbps     | 1               | 1   | 2412        | 0.00             | 19.82                         |
| 11b         | 1Mbps     | 1               | 6   | 2437        | 0.00             | 19.76                         |
| 11b         | 1Mbps     | 1               | 11  | 2462        | 0.00             | 18.73                         |
| 11g         | 6Mbps     | 1               | 1   | 2412        | 0.04             | 13.70                         |
| 11g         | 6Mbps     | 1               | 6   | 2437        | 0.04             | 18.85                         |
| 11g         | 6Mbps     | 1               | 11  | 2462        | 0.04             | 12.86                         |
| HT20        | MCS0      | 1               | 1   | 2412        | 0.04             | 13.73                         |
| HT20        | MCS0      | 1               | 6   | 2437        | 0.04             | 17.93                         |
| HT20        | MCS0      | 1               | 11  | 2462        | 0.04             | 11.78                         |

**TEST RESULTS DATA**  
**Peak Power Density**

| 2.4GHz Band |           |     |     |             |                      |          |                            |           |
|-------------|-----------|-----|-----|-------------|----------------------|----------|----------------------------|-----------|
| Mod.        | Data Rate | NTx | CH. | Freq. (MHz) | Peak PSD (dBm /3kHz) | DG (dBi) | Peak PSD Limit (dBm /3kHz) | Pass/Fail |
| 11b         | 1Mbps     | 1   | 1   | 2412        | -3.33                | 2.50     | 8.00                       | Pass      |
| 11b         | 1Mbps     | 1   | 6   | 2437        | -2.99                | 2.50     | 8.00                       | Pass      |
| 11b         | 1Mbps     | 1   | 11  | 2462        | -4.45                | 2.50     | 8.00                       | Pass      |
| 11g         | 6Mbps     | 1   | 1   | 2412        | -11.82               | 2.50     | 8.00                       | Pass      |
| 11g         | 6Mbps     | 1   | 6   | 2437        | -6.81                | 2.50     | 8.00                       | Pass      |
| 11g         | 6Mbps     | 1   | 11  | 2462        | -13.01               | 2.50     | 8.00                       | Pass      |
| HT20        | MCS0      | 1   | 1   | 2412        | -12.32               | 2.50     | 8.00                       | Pass      |
| HT20        | MCS0      | 1   | 6   | 2437        | -7.29                | 2.50     | 8.00                       | Pass      |
| HT20        | MCS0      | 1   | 11  | 2462        | -12.70               | 2.50     | 8.00                       | Pass      |