

**A1 - DTS Part**

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2015/12/14 ~ 2015/12/22	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

2.4GHz Band								
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
11b	1Mbps	1	1	2412	12.90	8.04	0.50	Pass
11b	1Mbps	1	6	2437	13.10	7.56	0.50	Pass
11b	1Mbps	1	11	2462	13.20	8.04	0.50	Pass
11g	24Mbps	1	1	2412	17.60	16.46	0.50	Pass
11g	24Mbps	1	6	2437	17.85	16.48	0.50	Pass
11g	24Mbps	1	11	2462	17.80	16.44	0.50	Pass
HT20	MCS3	1	1	2412	18.60	17.64	0.50	Pass
HT20	MCS3	1	6	2437	18.85	17.66	0.50	Pass
HT20	MCS3	1	11	2462	18.90	17.66	0.50	Pass
HT40	MCS3	1	3	2422	37.40	36.36	0.50	Pass
HT40	MCS3	1	6	2437	37.50	36.32	0.50	Pass
HT40	MCS3	1	9	2452	37.10	36.40	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	19.55	30.00	-3.20	16.35	36.00	Pass
11b	1Mbps	1	6	2437	20.11	30.00	-3.20	16.91	36.00	Pass
11b	1Mbps	1	11	2462	19.93	30.00	-3.20	16.73	36.00	Pass
11g	24Mbps	1	1	2412	22.89	30.00	-3.20	19.69	36.00	Pass
11g	24Mbps	1	6	2437	23.51	30.00	-3.20	20.31	36.00	Pass
11g	24Mbps	1	11	2462	21.61	30.00	-3.20	18.41	36.00	Pass
HT20	MCS3	1	1	2412	22.91	30.00	-3.20	19.71	36.00	Pass
HT20	MCS3	1	6	2437	23.25	30.00	-3.20	20.05	36.00	Pass
HT20	MCS3	1	11	2462	22.40	30.00	-3.20	19.20	36.00	Pass
HT40	MCS3	1	3	2422	24.05	30.00	-3.20	20.85	36.00	Pass
HT40	MCS3	1	6	2437	24.06	30.00	-3.20	20.86	36.00	Pass
HT40	MCS3	1	9	2452	22.80	30.00	-3.20	19.60	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	16.91
11b	1Mbps	1	6	2437	0.00	17.45
11b	1Mbps	1	11	2462	0.00	17.38
11g	24Mbps	1	1	2412	0.43	13.64
11g	24Mbps	1	6	2437	0.43	13.98
11g	24Mbps	1	11	2462	0.43	12.74
HT20	MCS3	1	1	2412	0.42	12.40
HT20	MCS3	1	6	2437	0.42	12.73
HT20	MCS3	1	11	2462	0.42	12.72
HT40	MCS3	1	3	2422	0.85	15.19
HT40	MCS3	1	6	2437	0.85	15.20
HT40	MCS3	1	9	2452	0.85	12.93

**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	-9.44	-3.20	8.00	Pass
11b	1Mbps	1	6	2437	-7.89	-3.20	8.00	Pass
11b	1Mbps	1	11	2462	-7.82	-3.20	8.00	Pass
11g	24Mbps	1	1	2412	-12.21	-3.20	8.00	Pass
11g	24Mbps	1	6	2437	-12.22	-3.20	8.00	Pass
11g	24Mbps	1	11	2462	-13.37	-3.20	8.00	Pass
HT20	MCS3	1	1	2412	-13.05	-3.20	8.00	Pass
HT20	MCS3	1	6	2437	-12.65	-3.20	8.00	Pass
HT20	MCS3	1	11	2462	-12.12	-3.20	8.00	Pass
HT40	MCS3	1	3	2422	-14.16	-3.20	8.00	Pass
HT40	MCS3	1	6	2437	-14.46	-3.20	8.00	Pass
HT40	MCS3	1	9	2452	-17.39	-3.20	8.00	Pass