

A1 - DTS Part

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2015/6/23~2015/6/24	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band								
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
11b	1Mbps	1	1	2412	14.10	8.60	0.50	Pass
11b	1Mbps	1	6	2437	13.80	8.08	0.50	Pass
11b	1Mbps	1	11	2462	13.65	8.56	0.50	Pass
11g	6Mbps	1	1	2412	18.45	16.40	0.50	Pass
11g	6Mbps	1	6	2437	18.65	16.52	0.50	Pass
11g	6Mbps	1	11	2462	18.45	16.36	0.50	Pass
HT20	MCS0	1	1	2412	19.10	17.36	0.50	Pass
HT20	MCS0	1	6	2437	19.40	17.64	0.50	Pass
HT20	MCS0	1	11	2462	19.05	17.60	0.50	Pass

TEST RESULTS DATA
Peak Power Table

2.4GHz Band										
Mod.	Data Rate	N _{TX}	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	19.03	30.00	-4.60	14.43	36.00	Pass
11b	1Mbps	1	6	2437	19.52	30.00	-4.60	14.92	36.00	Pass
11b	1Mbps	1	11	2462	19.41	30.00	-4.60	14.81	36.00	Pass
11g	6Mbps	1	1	2412	20.47	30.00	-4.60	15.87	36.00	Pass
11g	6Mbps	1	6	2437	21.18	30.00	-4.60	16.58	36.00	Pass
11g	6Mbps	1	11	2462	21.23	30.00	-4.60	16.63	36.00	Pass
HT20	MCS0	1	1	2412	20.30	30.00	-4.60	15.70	36.00	Pass
HT20	MCS0	1	6	2437	20.83	30.00	-4.60	16.23	36.00	Pass
HT20	MCS0	1	11	2462	20.66	30.00	-4.60	16.06	36.00	Pass

TEST RESULTS DATA
Average Power Table
(Reporting Only)

2.4GHz Band						
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)
11b	1Mbps	1	1	2412	0.10	16.82
11b	1Mbps	1	6	2437	0.10	16.90
11b	1Mbps	1	11	2462	0.10	16.89
11g	6Mbps	1	1	2412	0.59	12.62
11g	6Mbps	1	6	2437	0.59	12.93
11g	6Mbps	1	11	2462	0.59	12.70
HT20	MCS0	1	1	2412	0.63	11.98
HT20	MCS0	1	6	2437	0.63	11.99
HT20	MCS0	1	11	2462	0.63	11.75

TEST RESULTS DATA
Peak Power Density

2.4GHz Band								
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
11b	1Mbps	1	1	2412	-6.34	-4.60	8.00	Pass
11b	1Mbps	1	6	2437	-4.83	-4.60	8.00	Pass
11b	1Mbps	1	11	2462	-4.18	-4.60	8.00	Pass
11g	6Mbps	1	1	2412	-12.22	-4.60	8.00	Pass
11g	6Mbps	1	6	2437	-11.94	-4.60	8.00	Pass
11g	6Mbps	1	11	2462	-11.75	-4.60	8.00	Pass
HT20	MCS0	1	1	2412	-12.99	-4.60	8.00	Pass
HT20	MCS0	1	6	2437	-13.39	-4.60	8.00	Pass
HT20	MCS0	1	11	2462	-13.31	-4.60	8.00	Pass