

A1 - DTS Part

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2015/08/13 ~ 2015/08/19	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	13.95	10.08	0.50	Pass
11b	1Mbps	1	6	2437	14.00	10.12	0.50	Pass
11b	1Mbps	1	11	2462	14.00	10.08	0.50	Pass
11g	6Mbps	1	1	2412	16.90	16.36	0.50	Pass
11g	6Mbps	1	6	2437	17.05	16.40	0.50	Pass
11g	6Mbps	1	11	2462	16.90	16.40	0.50	Pass
HT20	MCS0	1	1	2412	17.95	17.60	0.50	Pass
HT20	MCS0	1	6	2437	18.15	17.56	0.50	Pass
HT20	MCS0	1	11	2462	17.95	17.56	0.50	Pass
HT40	MCS0	1	3	2422	37.40	36.16	0.50	Pass
HT40	MCS0	1	6	2437	37.50	36.40	0.50	Pass
HT40	MCS0	1	9	2452	37.60	36.40	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	12.52	30.00	1.00	13.52	36.00	Pass
11b	1Mbps	1	6	2437	12.62	30.00	1.00	13.62	36.00	Pass
11b	1Mbps	1	11	2462	14.67	30.00	1.00	15.67	36.00	Pass
11g	6Mbps	1	1	2412	19.49	30.00	1.00	20.49	36.00	Pass
11g	6Mbps	1	6	2437	20.48	30.00	1.00	21.48	36.00	Pass
11g	6Mbps	1	11	2462	19.29	30.00	1.00	20.29	36.00	Pass
HT20	MCS0	1	1	2412	19.39	30.00	1.00	20.39	36.00	Pass
HT20	MCS0	1	6	2437	20.39	30.00	1.00	21.39	36.00	Pass
HT20	MCS0	1	11	2462	18.48	30.00	1.00	19.48	36.00	Pass
HT40	MCS0	1	3	2422	18.19	30.00	1.00	19.19	36.00	Pass
HT40	MCS0	1	6	2437	19.26	30.00	1.00	20.26	36.00	Pass
HT40	MCS0	1	9	2452	16.81	30.00	1.00	17.81	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	0.00	8.89
11b	1Mbps	1	6	2437	0.00	9.19
11b	1Mbps	1	11	2462	0.00	11.24
11g	6Mbps	1	1	2412	0.19	11.18
11g	6Mbps	1	6	2437	0.19	13.48
11g	6Mbps	1	11	2462	0.19	10.67
HT20	MCS0	1	1	2412	0.20	11.23
HT20	MCS0	1	6	2437	0.20	13.19
HT20	MCS0	1	11	2462	0.20	9.49
HT40	MCS0	1	3	2422	0.28	9.07
HT40	MCS0	1	6	2437	0.28	10.63
HT40	MCS0	1	9	2452	0.28	7.76

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	-15.09	1.00	8.00	Pass
11b	1Mbps	1	6	2437	-14.29	1.00	8.00	Pass
11b	1Mbps	1	11	2462	-12.27	1.00	8.00	Pass
11g	6Mbps	1	1	2412	-15.03	1.00	8.00	Pass
11g	6Mbps	1	6	2437	-11.62	1.00	8.00	Pass
11g	6Mbps	1	11	2462	-14.51	1.00	8.00	Pass
HT20	MCS0	1	1	2412	-14.01	1.00	8.00	Pass
HT20	MCS0	1	6	2437	-12.74	1.00	8.00	Pass
HT20	MCS0	1	11	2462	-15.82	1.00	8.00	Pass
HT40	MCS0	1	3	2422	-20.59	1.00	8.00	Pass
HT40	MCS0	1	6	2437	-17.99	1.00	8.00	Pass
HT40	MCS0	1	9	2452	-21.60	1.00	8.00	Pass