

A1 - DTS Part

Test Engineer:	Luffy Lin	Temperature:	21~25	°C
Test Date:	2015/7/2~2015/7/23	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	13.10	8.60	0.50	Pass
11b	1Mbps	1	6	2437	13.30	8.56	0.50	Pass
11b	1Mbps	1	11	2462	13.50	8.56	0.50	Pass
11g	6Mbps	1	1	2412	18.20	16.42	0.50	Pass
11g	6Mbps	1	6	2437	18.40	16.52	0.50	Pass
11g	6Mbps	1	11	2462	18.45	16.46	0.50	Pass
HT20	MCS0	1	1	2412	18.95	17.56	0.50	Pass
HT20	MCS0	1	6	2437	19.20	17.70	0.50	Pass
HT20	MCS0	1	11	2462	19.05	17.66	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	18.48	30.00	1.92	20.40	36.00	Pass
11b	1Mbps	1	6	2437	18.77	30.00	1.92	20.69	36.00	Pass
11b	1Mbps	1	11	2462	17.86	30.00	1.92	19.78	36.00	Pass
11g	6Mbps	1	1	2412	19.44	30.00	1.92	21.36	36.00	Pass
11g	6Mbps	1	6	2437	20.87	30.00	1.92	22.79	36.00	Pass
11g	6Mbps	1	11	2462	20.73	30.00	1.92	22.65	36.00	Pass
HT20	MCS0	1	1	2412	17.34	30.00	1.92	19.26	36.00	Pass
HT20	MCS0	1	6	2437	18.72	30.00	1.92	20.64	36.00	Pass
HT20	MCS0	1	11	2462	18.70	30.00	1.92	20.62	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	15.83
11b	1Mbps	1	6	2437	0.10	15.92
11b	1Mbps	1	11	2462	0.10	15.02
11g	6Mbps	1	1	2412	0.59	9.67
11g	6Mbps	1	6	2437	0.59	12.98
11g	6Mbps	1	11	2462	0.59	12.65
HT20	MCS0	1	1	2412	0.63	9.35
HT20	MCS0	1	6	2437	0.63	11.75
HT20	MCS0	1	11	2462	0.63	11.71

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	-6.66	1.92	8.00	Pass
11b	1Mbps	1	6	2437	-7.03	1.92	8.00	Pass
11b	1Mbps	1	11	2462	-7.08	1.92	8.00	Pass
11g	6Mbps	1	1	2412	-14.62	1.92	8.00	Pass
11g	6Mbps	1	6	2437	-11.72	1.92	8.00	Pass
11g	6Mbps	1	11	2462	-12.75	1.92	8.00	Pass
HT20	MCS0	1	1	2412	-14.45	1.92	8.00	Pass
HT20	MCS0	1	6	2437	-13.57	1.92	8.00	Pass
HT20	MCS0	1	11	2462	-13.03	1.92	8.00	Pass