

A1 - DTS Part

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2016/10/03 ~2016/10/05	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	12.20	8.00	0.50	Pass
11b	1Mbps	1	6	2437	12.25	8.02	0.50	Pass
11b	1Mbps	1	11	2462	12.20	8.00	0.50	Pass
11g	6Mbps	1	1	2412	17.05	15.06	0.50	Pass
11g	6Mbps	1	6	2437	17.15	15.10	0.50	Pass
11g	6Mbps	1	11	2462	17.15	15.10	0.50	Pass
HT20	MCS0	1	1	2412	18.00	15.10	0.50	Pass
HT20	MCS0	1	6	2437	17.95	15.10	0.50	Pass
HT20	MCS0	1	11	2462	17.95	15.10	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	12.50	30.00	2.96	15.46	36.00	Pass
11b	1Mbps	1	6	2437	12.36	30.00	2.96	15.32	36.00	Pass
11b	1Mbps	1	11	2462	12.37	30.00	2.96	15.33	36.00	Pass
11g	6Mbps	1	1	2412	20.64	30.00	2.96	23.60	36.00	Pass
11g	6Mbps	1	6	2437	20.59	30.00	2.96	23.55	36.00	Pass
11g	6Mbps	1	11	2462	20.77	30.00	2.96	23.73	36.00	Pass
HT20	MCS0	1	1	2412	20.53	30.00	2.96	23.49	36.00	Pass
HT20	MCS0	1	6	2437	20.49	30.00	2.96	23.45	36.00	Pass
HT20	MCS0	1	11	2462	20.66	30.00	2.96	23.62	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	0.06	9.24
11b	1Mbps	1	6	2437	0.06	9.18
11b	1Mbps	1	11	2462	0.06	9.22
11g	6Mbps	1	1	2412	0.29	9.38
11g	6Mbps	1	6	2437	0.29	9.35
11g	6Mbps	1	11	2462	0.29	9.40
HT20	MCS0	1	1	2412	0.34	9.29
HT20	MCS0	1	6	2437	0.34	9.26
HT20	MCS0	1	11	2462	0.34	9.37

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	-12.66	2.96	8.00	Pass
11b	1Mbps	1	6	2437	-12.42	2.96	8.00	Pass
11b	1Mbps	1	11	2462	-11.76	2.96	8.00	Pass
11g	6Mbps	1	1	2412	-14.86	2.96	8.00	Pass
11g	6Mbps	1	6	2437	-13.86	2.96	8.00	Pass
11g	6Mbps	1	11	2462	-14.58	2.96	8.00	Pass
HT20	MCS0	1	1	2412	-16.06	2.96	8.00	Pass
HT20	MCS0	1	6	2437	-16.34	2.96	8.00	Pass
HT20	MCS0	1	11	2462	-15.46	2.96	8.00	Pass