

A1 - DTS Part

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2016/09/07 ~ 2016/09/23	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	13.75	8.56	0.50	Pass
11b	1Mbps	1	6	2437	13.55	8.06	0.50	Pass
11b	1Mbps	1	11	2462	13.50	8.54	0.50	Pass
11g	6Mbps	1	1	2412	18.25	16.34	0.50	Pass
11g	6Mbps	1	6	2437	18.30	16.30	0.50	Pass
11g	6Mbps	1	11	2462	18.20	16.32	0.50	Pass
HT20	MCS0	1	1	2412	18.90	17.30	0.50	Pass
HT20	MCS0	1	6	2437	19.05	17.58	0.50	Pass
HT20	MCS0	1	11	2462	19.05	17.54	0.50	Pass
HT40	MCS0	1	3	2422	36.50	35.12	0.50	Pass
HT40	MCS0	1	6	2437	36.70	35.08	0.50	Pass
HT40	MCS0	1	9	2452	36.60	35.12	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	20.50	30.00	-0.80	19.70	36.00	Pass
11b	1Mbps	1	6	2437	20.34	30.00	-0.80	19.54	36.00	Pass
11b	1Mbps	1	11	2462	20.39	30.00	-0.80	19.59	36.00	Pass
11g	6Mbps	1	1	2412	22.93	30.00	-0.80	22.13	36.00	Pass
11g	6Mbps	1	6	2437	22.91	30.00	-0.80	22.11	36.00	Pass
11g	6Mbps	1	11	2462	22.74	30.00	-0.80	21.94	36.00	Pass
HT20	MCS0	1	1	2412	22.87	30.00	-0.80	22.07	36.00	Pass
HT20	MCS0	1	6	2437	22.76	30.00	-0.80	21.96	36.00	Pass
HT20	MCS0	1	11	2462	22.92	30.00	-0.80	22.12	36.00	Pass
HT40	MCS0	1	3	2422	22.89	30.00	-0.80	22.09	36.00	Pass
HT40	MCS0	1	6	2437	23.01	30.00	-0.80	22.21	36.00	Pass
HT40	MCS0	1	9	2452	21.84	30.00	-0.80	21.04	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	17.97
11b	1Mbps	1	6	2437	0.10	17.52
11b	1Mbps	1	11	2462	0.10	17.88
11g	6Mbps	1	1	2412	0.60	15.73
11g	6Mbps	1	6	2437	0.60	15.52
11g	6Mbps	1	11	2462	0.60	15.01
HT20	MCS0	1	1	2412	0.63	14.97
HT20	MCS0	1	6	2437	0.63	14.96
HT20	MCS0	1	11	2462	0.63	14.99
HT40	MCS0	1	3	2422	1.19	14.91
HT40	MCS0	1	6	2437	1.19	14.99
HT40	MCS0	1	9	2452	1.19	13.31

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	-5.98	-0.80	8.00	Pass
11b	1Mbps	1	6	2437	-5.83	-0.80	8.00	Pass
11b	1Mbps	1	11	2462	-5.62	-0.80	8.00	Pass
11g	6Mbps	1	1	2412	-9.70	-0.80	8.00	Pass
11g	6Mbps	1	6	2437	-9.94	-0.80	8.00	Pass
11g	6Mbps	1	11	2462	-10.19	-0.80	8.00	Pass
HT20	MCS0	1	1	2412	-11.93	-0.80	8.00	Pass
HT20	MCS0	1	6	2437	-12.07	-0.80	8.00	Pass
HT20	MCS0	1	11	2462	-11.79	-0.80	8.00	Pass
HT40	MCS0	1	3	2422	-13.75	-0.80	8.00	Pass
HT40	MCS0	1	6	2437	-14.52	-0.80	8.00	Pass
HT40	MCS0	1	9	2452	-13.80	-0.80	8.00	Pass