

A1 - DTS Part

Test Engineer:	AC Chang	Temperature:	21~25	°C
Test Date:	2015/12/14 ~ 2015/12/22	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band								
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
11b	1Mbps	1	1	2412	12.90	8.04	0.50	Pass
11b	1Mbps	1	6	2437	13.10	7.56	0.50	Pass
11b	1Mbps	1	11	2462	13.20	8.04	0.50	Pass
11g	24Mbps	1	1	2412	17.60	16.46	0.50	Pass
11g	24Mbps	1	6	2437	17.85	16.48	0.50	Pass
11g	24Mbps	1	11	2462	17.80	16.44	0.50	Pass
HT20	MCS3	1	1	2412	18.60	17.64	0.50	Pass
HT20	MCS3	1	6	2437	18.85	17.66	0.50	Pass
HT20	MCS3	1	11	2462	18.90	17.66	0.50	Pass
HT40	MCS3	1	3	2422	37.40	36.36	0.50	Pass
HT40	MCS3	1	6	2437	37.50	36.32	0.50	Pass
HT40	MCS3	1	9	2452	37.10	36.40	0.50	Pass

TEST RESULTS DATA
Peak Power Table

2.4GHz Band										
Mod.	Data Rate	NTx	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	19.55	30.00	-3.20	16.35	36.00	Pass
11b	1Mbps	1	6	2437	20.11	30.00	-3.20	16.91	36.00	Pass
11b	1Mbps	1	11	2462	19.93	30.00	-3.20	16.73	36.00	Pass
11g	24Mbps	1	1	2412	22.89	30.00	-3.20	19.69	36.00	Pass
11g	24Mbps	1	6	2437	23.51	30.00	-3.20	20.31	36.00	Pass
11g	24Mbps	1	11	2462	21.61	30.00	-3.20	18.41	36.00	Pass
HT20	MCS3	1	1	2412	22.91	30.00	-3.20	19.71	36.00	Pass
HT20	MCS3	1	6	2437	23.25	30.00	-3.20	20.05	36.00	Pass
HT20	MCS3	1	11	2462	22.40	30.00	-3.20	19.20	36.00	Pass
HT40	MCS3	1	3	2422	24.05	30.00	-3.20	20.85	36.00	Pass
HT40	MCS3	1	6	2437	24.06	30.00	-3.20	20.86	36.00	Pass
HT40	MCS3	1	9	2452	22.80	30.00	-3.20	19.60	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	16.91
11b	1Mbps	1	6	2437	0.00	17.45
11b	1Mbps	1	11	2462	0.00	17.38
11g	24Mbps	1	1	2412	0.43	13.64
11g	24Mbps	1	6	2437	0.43	13.98
11g	24Mbps	1	11	2462	0.43	12.74
HT20	MCS3	1	1	2412	0.42	12.40
HT20	MCS3	1	6	2437	0.42	12.73
HT20	MCS3	1	11	2462	0.42	12.72
HT40	MCS3	1	3	2422	0.85	15.19
HT40	MCS3	1	6	2437	0.85	15.20
HT40	MCS3	1	9	2452	0.85	12.93

TEST RESULTS DATA
Peak Power Density

2.4GHz Band								
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
11b	1Mbps	1	1	2412	-9.44	-3.20	8.00	Pass
11b	1Mbps	1	6	2437	-7.89	-3.20	8.00	Pass
11b	1Mbps	1	11	2462	-7.82	-3.20	8.00	Pass
11g	24Mbps	1	1	2412	-12.21	-3.20	8.00	Pass
11g	24Mbps	1	6	2437	-12.22	-3.20	8.00	Pass
11g	24Mbps	1	11	2462	-13.37	-3.20	8.00	Pass
HT20	MCS3	1	1	2412	-13.05	-3.20	8.00	Pass
HT20	MCS3	1	6	2437	-12.65	-3.20	8.00	Pass
HT20	MCS3	1	11	2462	-12.12	-3.20	8.00	Pass
HT40	MCS3	1	3	2422	-14.16	-3.20	8.00	Pass
HT40	MCS3	1	6	2437	-14.46	-3.20	8.00	Pass
HT40	MCS3	1	9	2452	-17.39	-3.20	8.00	Pass