

A1 - DTS Part

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2015/11/4	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	13.50	9.12	0.50	Pass
11b	1Mbps	1	6	2437	14.40	10.08	0.50	Pass
11b	1Mbps	1	11	2462	12.40	9.56	0.50	Pass
11g	6Mbps	1	1	2412	17.80	15.76	0.50	Pass
11g	6Mbps	1	6	2437	17.95	16.08	0.50	Pass
11g	6Mbps	1	11	2462	17.70	15.12	0.50	Pass
HT20	MCS0	1	1	2412	18.40	16.36	0.50	Pass
HT20	MCS0	1	6	2437	18.65	17.20	0.50	Pass
HT20	MCS0	1	11	2462	18.30	15.12	0.50	Pass
HT40	MCS0	1	3	2422	35.70	32.64	0.50	Pass
HT40	MCS0	1	6	2437	36.90	35.76	0.50	Pass
HT40	MCS0	1	9	2452	36.10	26.32	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	22.52	30.00	-2.23	20.29	36.00	Pass
11b	1Mbps	1	6	2437	22.28	30.00	-2.23	20.05	36.00	Pass
11b	1Mbps	1	11	2462	19.55	30.00	-2.23	17.32	36.00	Pass
11g	6Mbps	1	1	2412	23.18	30.00	-2.23	20.95	36.00	Pass
11g	6Mbps	1	6	2437	22.41	30.00	-2.23	20.18	36.00	Pass
11g	6Mbps	1	11	2462	23.65	30.00	-2.23	21.42	36.00	Pass
HT20	MCS0	1	1	2412	23.39	30.00	-2.23	21.16	36.00	Pass
HT20	MCS0	1	6	2437	22.46	30.00	-2.23	20.23	36.00	Pass
HT20	MCS0	1	11	2462	23.15	30.00	-2.23	20.92	36.00	Pass
HT40	MCS0	1	3	2422	22.38	30.00	-2.23	20.15	36.00	Pass
HT40	MCS0	1	6	2437	23.61	30.00	-2.23	21.38	36.00	Pass
HT40	MCS0	1	9	2452	23.72	30.00	-2.23	21.49	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	0.08	20.29
11b	1Mbps	1	6	2437	0.08	20.03
11b	1Mbps	1	11	2462	0.08	16.61
11g	6Mbps	1	1	2412	0.53	15.54
11g	6Mbps	1	6	2437	0.53	14.43
11g	6Mbps	1	11	2462	0.53	16.64
HT20	MCS0	1	1	2412	0.52	15.33
HT20	MCS0	1	6	2437	0.52	14.43
HT20	MCS0	1	11	2462	0.52	15.17
HT40	MCS0	1	3	2422	1.06	13.57
HT40	MCS0	1	6	2437	1.06	15.13
HT40	MCS0	1	9	2452	1.06	14.93

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	-2.42	-2.23	8.00	Pass
11b	1Mbps	1	6	2437	-3.43	-2.23	8.00	Pass
11b	1Mbps	1	11	2462	-5.42	-2.23	8.00	Pass
11g	6Mbps	1	1	2412	-8.69	-2.23	8.00	Pass
11g	6Mbps	1	6	2437	-10.62	-2.23	8.00	Pass
11g	6Mbps	1	11	2462	-7.53	-2.23	8.00	Pass
HT20	MCS0	1	1	2412	-9.51	-2.23	8.00	Pass
HT20	MCS0	1	6	2437	-10.66	-2.23	8.00	Pass
HT20	MCS0	1	11	2462	-10.00	-2.23	8.00	Pass
HT40	MCS0	1	3	2422	-12.74	-2.23	8.00	Pass
HT40	MCS0	1	6	2437	-11.36	-2.23	8.00	Pass
HT40	MCS0	1	9	2452	-12.08	-2.23	8.00	Pass