

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	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	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	NTx	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