



## EMC Test Data

Client:	Summit Data Communications	Job Number:	J64360
Model:	Summitt 2.4GHz b/g	Test-Log Number:	T64427
		Project Manager:	Susan PelZI
Contact:	Ron Seide		
Emissions Spec:	-	Class:	-
Immunity Spec:	-	Environment:	-

# EMC Test Data

For The

## Summit Data Communications

Model

**Summitt 2.4GHz b/g**

Date of Last Test: 6/22/2006





# EMC Test Data

Client:	Summitt Data Communications	Job Number:	J64360
Model:	Summitt 2.4GHz b/g	T-Log Number:	T64427
Contact:	Ron Seide	Account Manager:	Susan PeiZI
Spec:	-	Class:	N/A

**Run #1: Radiated Spurious Emissions, 2nd harmonic, EUT Operating Mode: 802.11b**

**Run #1a: Low Channel @ 2412 MHz - LXE Antenna**

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4823.830	54.1	V	54.0	0.1	AVG	0	2.2	LXE antenna, P=19
4823.830	57.9	V	74.0	-16.1	PK	0	2.2	LXE antenna, P=19

**Run #1b: Low Channel @ 2412 MHz - Data Logic Antenna**

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4823.970	48.2	H	54.0	-5.8	AVG	284	1.0	Data Logic PCB Up antenna, P=19
4823.920	47.7	H	54.0	-6.3	AVG	306	1.8	Data Logic PCB Flat antenna, P=19
4824.020	46.0	V	54.0	-8.0	AVG	237	1.0	Data Logic PCB Up antenna, P=19
4823.860	44.8	V	54.0	-9.2	AVG	339	1.0	Data Logic PCB Flat antenna, P=19
4823.970	55.8	H	74.0	-18.2	PK	284	1.0	Data Logic PCB Up antenna, P=19
4823.920	54.4	H	74.0	-19.6	PK	306	1.8	Data Logic PCB Flat antenna, P=19
4824.020	53.8	V	74.0	-20.2	PK	237	1.0	Data Logic PCB Up antenna, P=19
4823.860	53.3	V	74.0	-20.7	PK	339	1.0	Data Logic PCB Flat antenna, P=19

**Run #1b: Center Channel @ 2437 MHz**

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4874.010	50.7	H	54.0	-3.3	AVG	60	1.6	Data Logic PCB Flat antenna, P=19
4873.890	48.1	V	54.0	-5.9	AVG	0	1.0	Data Logic PCB Flat antenna, P=19
4873.870	46.8	V	54.0	-7.2	AVG	44	1.0	Data Logic PCB Up antenna, P=19
4873.960	46.1	H	54.0	-7.9	AVG	303	1.0	Data Logic PCB Up antenna, P=19
4874.010	55.6	H	74.0	-18.4	PK	60	1.6	Data Logic PCB Flat antenna, P=19
4873.890	54.8	V	74.0	-19.2	PK	0	1.0	Data Logic PCB Flat antenna, P=19
4873.870	53.7	V	74.0	-20.3	PK	44	1.0	Data Logic PCB Up antenna, P=19
4873.960	53.5	H	74.0	-20.5	PK	303	1.0	Data Logic PCB Up antenna, P=19

**Run #1c: High Channel @ 2426 MHz**

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4923.920	48.1	H	54.0	-5.9	AVG	315	1.7	Data Logic PCB Up antenna, P=19
4923.830	47.3	H	54.0	-6.7	AVG	291	1.0	Data Logic PCB Flat antenna, P=19
4923.920	54.4	H	74.0	-19.6	PK	315	1.7	Data Logic PCB Up antenna, P=19
4923.830	54.0	H	74.0	-20.0	PK	291	1.0	Data Logic PCB Flat antenna, P=19

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 20dB below the level of the fundamental and measured in 100kHz.

Note 2: Signal is not in a restricted band but the more stringent restricted band limit was used.