

Customer:	Icon	Notes
Model:	417110	DTS
FCC ID:	OMCBBICON14	
IC ID:	3673A-BBICON14	
Classification:	General Population	

MPE Calculator	RF Exposure Calculations	
Lowest Frequency	2402.000	MHz
Highest Frequency	2480.000	MHz
Wavelength (lowest frequency)	0.125	m
Antenna aperture (1/4 wavelength radiator assumed)	0.031	m
Far Field Distance	1.561	cm
Power (Calculated based upon field strength)	1.3300	dBm
Ant Gain dBi	1.3000	dB
Cable Loss	0.0000	dB
EIRP dBm	4.7800	dB
EIRP mW	3.0061	mW
R	1.0000	cm
S	0.239337	mW/cm ²

Standards
CFR 47 Part 1.1310
RSS-102 Issue 5

Occupational/Controlled Exposure Limit			inches	cm	time
OSHA	10.000	mW/cm ²	0.394	1.000	6
FCC	5.000	mW/cm ²	0.394	1.000	6
IC	3.164	mW/cm ²	0.394	1.000	6
General Population/Uncontrolled Exposure Limit					
OSHA	10.000	mW/cm ²	0.394	1.000	6
FCC	1.000	mW/cm ²	0.394	1.000	30
IC	0.535	mW/cm ²	0.394	1.000	6

SAR Test Exclusion per FDB 447498 D01 4.3.1a					
	Value				
Maximum conducted output power (mW)	3.0061				
Tune up tolerance (mW)	1				
Minimum Test Separation distance ≤ 5mm	5		Exemption Limit (mW)		Result
Frequency in GHz	2.48		Head	Limb	
Formula = OP+TU/Separation*√Freq in GHz	Result →	1.262	3.00	7.50	Pass

SAR Test Exclusion per RSS-102 Issue 5 Clause 2.5.1						
	ERP mW	Separation	Freq MHz	Exemption Limit (mW)		Result
				Head	Limb	
Compared to Table 1	3.0061	≤ 5mm	2450	4.00	10.00	Pass