RF Exposure Report

FCC ID: 2ADG3-DL46

FCC 47 CFR Part 15 Subpart C

Product： Tablet PC

Trade Name： EVG7

Model Number： DL46

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MPE Calculations

1. FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies V05.

(1) Clause 4.3: General SAR test reduction and exclusion guidance

Sub clause 4.31: Standalone SAR test exclusion considerations

1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance≤50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] ≤3.0 for 1-g SAR

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] ≤7.5.0 for 10-g SAR

Calculation:

The maximum power is 9.62 dBm(9.162 mW) @2.437GHz

Separation Distance: 5mm

For 1-g SAR Result: 2.861≤3.0

Pass

So standalone SAR measurements are not required.

2. Calculation:

EIRP= P+G
Where P=Conducted Output Power (dBm)
G=Power Gain of the Antenna (dBi)

So

Columniform mini bluetooth speaker				
802.11b				
Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
2412 MHz	9.36	0	9.36	8.630
2437 MHz	9.45	0	9.45	8.810
2462 MHz	9.51	0	9.51	8.933
802.11g				
Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
2412 MHz	9.47	0	9.47	8.851
2437 MHz	9.59	0	9.59	9.099
2462 MHz	9.52	0	9.52	8.954
802.11n(HT20)				
Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
2412 MHz	9.25	0	9.25	8.414
2437 MHz	9.62	0	9.62	9.162
2462 MHz	9.47	0	9.47	8.851
802.11n(HT40)				
Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
2422 MHz	9.52	0	9.52	8.954
2437 MHz	9.61	0	9.61	9.141
2452 MHz	9.47	0	9.47	8.851

3. Conclusion:

No SAR Evaluation required since Transmitter EIRP is bellow FCC threshold.