

FCC RF EXPOSURE REPORT

FCC ID: E2K-APL260B3

Project No. : 1410101
Equipment : Access Point
Model : APL26-0B3
Applicant : Dell Inc.
Address : One Dell Way Round Rock, Texas 78682
United States

According: : FCC Guidelines for Human Exposure IEEE
C95.1




BTL Inc.

B1, No. 37, Lane 365, YangGuang St., NeiHu District 114, Taipei, Taiwan

TEL : (0769) 8318-3000 FAX : (0769) 8319-6000

MPE CALCULATION METHOD:

Table for Filed Antenna

Ant.	Brand	Part NO.	Antenna Type	Connector	Gain(dBi)	Note
1		C147-510905B	Dipole	Reversed TNC	5.89	TX/RX
2		C147-510905B	Dipole	Reversed TNC	5.89	TX/RX
3		C147-510905B	Dipole	Reversed TNC	5.89	TX/RX

TEST RESULTS

BAND 1

EUT :	Access Point	Model Name :	APL26-0AE
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX A MODE/CH36, CH40, CH48		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.89	3.8815	18.37	68.7068	0.05308238	1	Complies
5.89	3.8815	18.02	63.3870	0.04897229	1	Complies
5.89	3.8815	18.48	70.4693	0.05444404	1	Complies

EUT :	Access Point	Model Name :	APL26-0AE
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N20 MODE_Total / CH36, CH40, CH48		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.89	3.8815	18.4	69.1831	0.05345033	1	Complies
5.89	3.8815	18.52	71.1214	0.05494781	1	Complies
5.89	3.8815	18.51	70.9578	0.05482143	1	Complies

EUT :	Access Point	Model Name :	APL26-0AE
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N40 MODE_ Total /CH38, CH46		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.89	3.8815	12.34	17.1396	0.01324190	1	Complies
5.89	3.8815	18.24	66.6807	0.05151698	1	Complies

BAND 4

EUT :	Access Point	Model Name :	APL26-0AE
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX A MODE/CH149, CH157, CH165		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.89	3.8815	18.13	65.0130	0.05022852	1	Complies
5.89	3.8815	18.17	65.6145	0.05069328	1	Complies
5.89	3.8815	18.09	64.4169	0.04976802	1	Complies

EUT :	Access Point	Model Name :	APL26-0AE
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N-20M MODE_ Total / CH149, CH157, CH165		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.89	3.8815	18	63.0957	0.04874728	1	Complies
5.89	3.8815	18.55	71.6143	0.05532869	1	Complies
5.89	3.8815	18.12	64.8634	0.05011300	1	Complies

EUT :	Access Point	Model Name :	APL26-0AE
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N40 MODE_ Total /CH151, CH159		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.89	3.8815	18.63	72.9458	0.05635732	1	Complies
5.89	3.8815	18.15	65.3131	0.05046036	1	Complies

Note: the calculated distance is 20 cm.