Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: PAB2LFS002

Project No.	**:** 1206C089A
Equipment	**:** Scuderia FS1 Air
Model	**:** 2LFS002
Applicant	**:** Logic3 plc
Address	: Rhodes Way, Watford, WD24 4YW, UK
According:	**: FCC Guidelines for Human Exposure IEEE C95.1**

Neutron Engineering Inc.

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	SENLING	SLB-400010270	Integral	U.FL	2
2	N/A	N/A	Printed	N/A	0

Note: The EUT is considered two different ANT types, Integral ANT(MHF port 50 Ohm connector) test item is testing and recording in test report, Printed ANT is not used (Used capacitance disable)

TEST RESULTS

EUT：	Scuderia FS1 Air	Model Name ：	2LFS002
Temperature：	25 ℃	Relative Humidity：	60 %
Pressure：	1012 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	B Mode/CH01/CH06/CH11		

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
2	1.5849	15.94	39.2645	0.01238655	1	Complies
2	1.5849	16.30	42.6580	0.01345707	1	Complies
2	**1.5849**	**16.56**	**45.2898**	**0.01428731**	**1**	**Complies**

EUT：	Scuderia FS1 Air	Model Name ：	2LFS002
Temperature：	25 ℃	Relative Humidity：	60 %
Pressure：	1012 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	G Mode/CH01/CH06/CH11		

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
2	1.5849	18.23	66.5273	0.02098700	1	Complies
2	1.5849	18.32	67.9204	0.02142646	1	Complies
2	**1.5849**	**18.49**	**70.6318**	**0.02228181**	**1**	**Complies**