COMPLIANCE ENGINEERING IRELAND LTD

ISO 17025 IVNAB ACCREDITED TESTING DETAILED IN SCOPE REG NO.0

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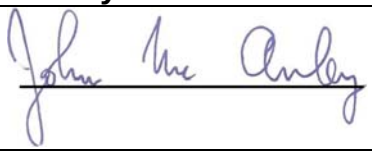
Project Num	16E6465-2a
Quotation	Q16-1312-1
Prepared For	Tekelek Europe Ltd
Prepared By	Compliance Engineering Ireland
Test Lab Address	Clonross Lane, Derrockstown, Dunshaughlin, Co. Meath, Ireland
Tested By	Michael Kirby
Test Report By	Michael Kirby
FCC Site Registration	92592
IC Site Registration	8517-A2, 8517-A1
Date	22nd Feb 2017
IC Equipment Authorisation	Test Report
EUT Description	Wifi Radio Module
FCC ID	S6T784
IC ID	20606-784
Authorised by	**John McAuley**
Authorised Signature :	

RF Exposure Exhibit– Technical Report

1.0 Maximum Permissible Exposure Host internal Antenna

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

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

Radiated Field Strength at 3m	106.9	dBuV/m
Power Conversion factor for antenna distance 3m	-95.2	dB
Time Averaging Factor	0	dB
EIRP	12	dBm
EIRP	15	mW
Prediction distance:	20	cm
Prediction frequency:	2412	MHz
MPE limit for Uncontrolled/General Population exposure at prediction frequency:	1.00	mW/cm^2
Power density at prediction frequency:	0.0029	mW/cm^2
Power density at prediction frequency:	0.029	W/m^2
Test Result	Pass	

2.0 Maximum Permissible Exposure Host External Antenna

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

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

Conducted Output Power	10.01	dBm
Antenna Gain	7	dB
Time Averaging Factor	0	dB
EIRP	17	dBm
EIRP	50	mW
Prediction distance:	20	cm
Prediction frequency:	2412	MHz
MPE limit for Uncontrolled/General Population exposure at prediction frequency:	1.00	mW/cm^2
Power density at prediction frequency:	0.010	mW/cm^2
Power density at prediction frequency:	0.100	W/m^2
Test Result	Pass	

End of Report