



BUREAU
VERITAS

Test Report No.: FS160129N011

RF EXPOSURE REPORT

Applicant	VJJT Networks Ltd.
Address	Rm20-22, 15/F, PACIFIC TRADE, CENTRS NO.2 KAI HING ROAD, KOWLOON BAY, HongKong

Manufacturer or Supplier	VJJT Networks Ltd.
Address	Rm20-22, 15/F, PACIFIC TRADE, CENTRS NO.2 KAI HING ROAD, KOWLOON BAY, HongKong
Product	SectorStation N5
Brand Name	N/A
Model	SS-5G16
Additional Model & Model Difference	N/A
Date of tests	Mar. 20, 2016 ~ Mar. 25, 2016

FCC Part 2 (Section 2.1091)

KDB 447498 D01

IEEE C95.1

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Blue zheng Project Engineer / EMC Department	Approved by Chris Chen Manager / EMC Department

Date: Mar. 25, 2016

This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS160129N011	Original release.	Mar. 25, 2016



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1. CERTIFICATION

FCC ID:	2AHEB-00001
PRODUCT:	SectorStation N5
BRAND NAME:	N/A
MODEL NO.:	SS-5G16
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	VJJT Networks Ltd.
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1



2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm ²)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	F/1500	30
1500-100,000	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$$Pd = (Pout * G) / (4 * \pi * r^2)$$

where

Pd = power density in mW/cm²

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 74cm away from the body of the user. So, this device is classified as **Mobile Device**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna number (N)	Total Gain (dBi)	Antenna Type
5G	16.2	2	19.2	PCB Antenna



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6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
WLAN 5G Band 1	788.860	19.2	74	0.9535	1.0
WLAN 5G Band 4	716.143	19.2	74	0.8656	1.0

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