#### Report No.:S19042405803004





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Test plot For					
UMTS Band V UMTS Band II					
Conducted Band Edge plot on channel 4132 Conducted Band Edge plot on channel 926	2				
Agitant Spectrum Analyzer - Swept SA					
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Ref offset 11 dB Mikr 1 823.999 MHZ Ref offset 11 dB Hikr 1 7.800 000 GHZ   10 dB/div Ref 40.00 dBm -17.838 dBm -17.838 dBm					
200 Next Pk Right	tt Pk Right				
100 Next Pk Left	ext Pk Left				
con de la contraction de la co	arker Delta				
	Mkr→CF				
300 minute service and a servi					
	r⊸RefLvi				
Storp 824.0000 MHz Storp 824.0000 MHz 1 of 2 Storp 1.85000 GHz Storp 1.850000 GHz   #Res BW 100 kHz #VBW 100 kHz' Sweep 1.00 ms (1001 pts) #Res BW 100 kHz #VBW 100 kHz' Sweep 1.00 ms (1001 pts)	More 1 of 2				
Conducted Band Edge plot on channel 4233 Conducted Band Edge plot on channel 9538					
Agiket Spectrum Analyzer - Swept SA					
M L PF State Marghete Proc.State </td <td>k Search</td>	k Search				
Ref offset 11 dB Mkr1 849.001 MHz Next Peak Ref offset 11 dB Mkr1 1.910 000 GHz   10 dB/div Ref 40.00 dBm -16.963 dBm -16.963 dBm -16.963 dBm	Next Peak				
Next Pk Right	tt Pk Right				
200 Next Pk Left	ext Pk Left				
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320 Martin Marti	Mkr→Cr				
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More 1 of 2 Start \$49,0000 MHz Stop \$50,0000 MHz 1 of 2 Start 1,910000 GHz Stop 1,912000 GHz	More 1 of 2				
#Res BW 100 kHz #VBW 100 kHz' Sweep 1.00 ms (1001 pts) #Res BW 100 kHz #VBW 100 kHz' Sweep 1.00 ms (1001 pts)   MSD (stanue) (stanue) (stanue) (stanue) (stanue)					



## 7.8 CONDUCTED SPURIOUS EMISSION AT ANTENNA TERMINAL

## 7.8.1 Applicable Standard

According to FCC Part 2.1051 and FCC Part 22.917(a) and Part 24.238(a) and FCC KDB 971168 D01 v03 Section6.0

### 7.8.2 Conformance Limit

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB. It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

### 7.8.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

#### 7.8.4 Test Setup

Please refer to Section 6.1 of this test report.

### 7.8.5 Test Procedure

The testing follows FCC KDB 971168 v03 Section 6.0.

The EUT was connected to Spectrum Analyzer and Base Station via power divider.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

The middle channel for the highest RF power within the transmitting frequency was measured.

The conducted spurious emission for the whole frequency range was taken.

The RF fundamental frequency should be excluded against the limit line in the operating frequency band. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

= P(W) - [43 + 10log(P)] (dB)

 $= [30 + 10\log(P)] (dBm) - [43 + 10\log(P)] (dB)$ = -13dBm.

### 7.8.6 Test Results

EUT:	Smart Phone	Model No.:	К9
Temperature:	20 °C	Relative Humidity:	48%
Test Mode:	GSM/GPRS/EGPRS 850/ GSM/GPRS/EGPRS 1900/ UMTS band II/ UMTS band V	Test By:	Allen Liu
Results: PASS			















































