



To whom it may concern:

We, Huawei Technologies Co., Ltd., states according to the difference description below, for the BT/Wi-Fi antenna frequency bands(WiFi 2.4G,BT), HUAWEI VNS-L31, VNS-L31 SAR is tested at the worst case of HUAWEI VNS-L23, VNS-L23 (report NO. SYBH(Z-SAR)002022016-2). For the main antenna bands(GSM850/1900,UMTS Band II,LTE Band VII, new full SAR test is performed on HUAWEI VNS-L31, VNS-L31. For RF report, we only test the Field Strength of Spurious Radiation for GSM, WCDMA and LTE of HUAWEI VNS-L31, VNS-L31. The data for BT,BLE and WiFi are absolutely refer to HUAWEI VNS-L23, VNS-L23

Model	HUAWEI VNS-L23, VNS-L23	HUAWEI VNS-L31, VNS-L31
Trade mark	HUAWEI	HUAWEI
FCC ID	FCC ID: QISVNS-L23	FCC ID: QISVNS-L31
Frequency	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B4/B5 LTE: B2/B4/B5/B7/B28	GSM B2/B3/B5/B8 WCDMA B1/B2/B8 LTE B1/B3/B7/B8/B20 Frequency disabled by hardware, Changes are followed: 1. change B4 duplexer to B3 duplexer. 2. delete GSM1800 SAW. 3. add B8 div SAW. 4 delete B28 div SAW. 5. change B5 div SAW to B20 div SAW. 6. change B28B duplexer to B20 duplexer. 7. delete B28A duplexer. 8. add B3 div LNA and SAW
SIM Card	double	double
NFC	Not support NFC	Support NFC Add NFC chip in PCB
RAM	Support 3GB RAM	Support 2GB RAM Change 3GB memory to 2G memory (The 2GB and 3GB memory used the same interface communicating with CPU, and have the same PIN map in chipset design)



Hardware Version	the same	the same
Software Version	different	different
Dimensions	the same	the same
Appearance	the same	the same
main antenna	antenna shape are same, antenna matching are different	antenna shape are same, antenna matching are different
BT/Wi-Fi antenna	the same	the same
NFC antenna	No have NFC antenna	Add NFC antenna
Others	the same	the same