



To whom it may concern:

according to the difference description below, We, Huawei Technologies Co., Ltd., states that

Note1: Only the Field Strength of Spurious Radiation refer to SYBH(Z-RF)014022016-2001 of HUAWEI VNS-L31, VNS-L31 RF report, the other data refer to SYBH(Z-RF)002022016-2001 of HUAWEI VNS-L23, VNS-L23 RF report.

Note2: We do not test Bluetooth of HUAWEI VNS-L21, VNS-L21, all the test data refer to SYBH(Z-RF)002022016-2004 of HUAWEI VNS-L23, VNS-L23 RF report.

Note3: We do not test Bluetooth BLE of HUAWEI VNS-L21, VNS-L21, all the test data refer to SYBH(Z-RF)002022016-2003 of HUAWEI VNS-L23, VNS-L23 RF report.

Note4: We do not test WIFI of HUAWEI VNS-L21, VNS-L21, all the test data refer to SYBH(Z-RF)002022016-2002 of HUAWEI VNS-L23, VNS-L23 RF report.

Note5: HUAWEI VNS-L21, VNS-L21 SAR shares the same test data of HUAWEI VNS-L31, VNS-L31(report NO. SYBH(Z-SAR)012022016-2) in applicable RF exposure conditions and frequency bands.

Model	HUAWEI VNS-L23, VNS-L23	HUAWEI VNS-L31, VNS-L31	HUAWEI VNS-L21, VNS-L21
Trade mark	HUAWEI	HUAWEI	HUAWEI
FCC ID	FCC ID: QISVNS-L23	FCC ID: QISVNS-L31	FCC ID: QISVNS-L21
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	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	double



NFC	Not support NFC	Support NFC Add NFC chip in PCB	Support NFC Add NFC chip in PCB
RAM	Support 2GB RAM	Support 3GB RAM Change 2GB memory to 3G memory (The 2GB and 3GB memory used the same interface communicating with CPU, and have the same PIN map in chipset design)	Support 2GB RAM
Hardware Version	the same	the same	the same
Software Version	different	different	different
Dimensions	the same	the same	the same
Appearance	the same	the same	the same
main antenna	antenna shape are same, antenna matching are different	antenna shape are same, antenna matching are different	antenna shape are same, antenna matching are different
BT/Wi-Fi antenna	the same	the same	the same
NFC antenna	No NFC antenna	Add NFC antenna	Add NFC antenna
Others	the same	the same	the same