



Antenna	Type	Description
0	FPC	LB TRX + MHB MIMO PRX antenna
1	FPC	LB DRX + MB EN-DC TX + MB(4*4) DRX+UHB DRX(SRS) antenna
2	FPC	MB TRX + UHB TRX antenna
3	FPC	HB(4*4) DRX + HB EN-DC TX antenna
4	FPC	HB TRX antenna
5	FPC	MHB(4*4) DRX MIMO + MHB(2*2) DRX + UHB MIMO PRX antenna
6	FPC	UHB MIMO DRX antenna
7	FPC	GPS + WIFI 2.4G/5G + BT antenna

Gain of Antenna 0

Band	Gain average(dBi)	Gain Peak (dBi)
GSM850	-3.03	-2.42
GSM900	-2.89	-2.22
WCDMA B5	-3.03	-2.32

LTE B5	-3.03	-2.32
LTE B12	-1.82	-1.72
LTE B13	-1.83	-1.32
LTE B17	-1.82	-1.72
LTE B20	-3.03	-2.32
LTE B26	-3.12	-2.44
LTE B28	-1.91	-1.73
LTE B71	-2.81	-2.58
NR n5	-3.03	-2.32
NR n71	-2.81	-2.48

Gain of Antenna 1

Band	Gain average(dBi)	Gain Peak (dBi)
(ENDC)LTE B2	-0.45	-0.15
(ENDC)LTE B25	-0.45	-0.15
(ENDC)LTE B4	-0.52	-0.13
(ENDC)LTE B66	-0.35	-0.17

Gain of Antenna 2

Band	Gain average(dBi)	Gain Peak (dBi)
GSM1800	-0.35	0.12
GSM1900	-0.52	0.07
WCDMA B1	-0.82	-0.17
WCDMA B2	-0.45	-0.15
WCDMA B4	-0.52	-0.13
LTE B1	-0.82	-0.17
LTE B2	-0.45	-0.15
LTE B3	-0.60	-0.11
LTE B4	-0.52	-0.13
LTE B25	-0.25	0.17
LTE B42	-3.36	-3.02
LTE B66	-0.35	-0.27
NR n2	-0.45	-0.15
NR n25	-0.25	0.17
NR n66	-0.35	-0.27
NR n77	-3.52	-3.13
NR n78	-3.47	-3.09

Gain of Antenna 3

Band	Gain average(dBi)	Gain Peak (dBi)
(ENDC)LTE B7	-10.12	-8.06

Gain of Antenna 4

Band	Gain average(dBi)	Gain Peak (dBi)
LTE B7	-0.62	-0.35
LTE B38	-1.46	-0.52
LTE B41	-1.63	-1.21
NR n7	-0.62	-0.35
NR n38	-1.46	-0.52
NR n41	-1.63	-1.21

Gain of Antenna 6

Band	Gain average(dBi)	Gain Peak (dBi)

Gain of Antenna 7

Band	Gain average(dBi)	Gain Peak (dBi)
GPS	-2.05	-1.78
Wi-Fi 2.4G/BT	-5.12	-4.75
Wi-Fi 5G	-5.12	-4.88

NFC antenna gain description:

The device does not support the test of NFC gain. In addition, all measurements were performed radiated and therefore additional antenna gain documentation is not required.