



Antenna	Frequency Bands
Ant.0	TX: GPS L1, Bluetooth, WLAN 2.4GHz/5GHz
Ant.1	TX: UL CA & ENDC: LTE B2/4/5/12/14/30/66
Ant.2	TX: NR n77(SRS)
Ant.3	TX: NR n77(SRS)
Ant.4	TX: NR n77(SRS)
Ant.5	TX: WCDMA B2/4/5, LTE B2/4/5/12/14/30/66, NR n2/n5/n30/n66
Ant.6	TX: LTE B48, NR n77(SRS)
Ant.7	NFC

1、 Ant5

	Average Gain		Maximum Gain	
	TX	RX	TX	RX
WCDMA B2	-4.8dBi	-5.8dBi	-1.1dBi	-1.2dBi
WCDMA B4	-4.7dBi	-6.8dBi	-1.9dBi	-1.1dBi
WCDMA B5	-6.4dBi	-6.4dBi	-3.1dBi	-3.0dBi
LTE B2	-4.8dBi	-5.8dBi	-1.1dBi	-1.2dBi
LTE B3	-4.7dBi	-4.8dBi	-1.7dBi	-1.1dBi
LTE B4	-4.7dBi	-6.8dBi	-1.9dBi	-1.1dBi
LTE B5	-6.4dBi	-6.4dBi	-3.1dBi	-3.0dBi
LTE B12	-4.8dBi	-5.2dBi	-2.4dBi	-2.6dBi
LTE B14	-5.5dBi	-6.0dBi	-2.5dBi	-3.0dBi
LTE B66	-4.7dBi	-6.8dBi	-1.9dBi	-1.1dBi
LTE B30	-4.2dBi	-4.8dBi	-0.2dBi	-0.7dBi
LTE B29	/	-4.9dBi	/	-2.3dBi
N2	-4.8dBi	-5.8dBi	-1.1dBi	-1.2dBi
N5	-6.4dBi	-6.4dBi	-3.1dBi	-3.0dBi
N66	-4.7dBi	-6.8dBi	-1.9dBi	-1.1dBi
N30	-4.2dBi	-4.8dBi	-0.2dBi	-0.7dBi

2、 Ant0

	TX	RX	TX	RX
GPS	/	-4.1dB	/	1.0dBi
WIFI 2.4G	-4.2dBi	-4.2dBi	1.5dBi	1.5dBi
WIFI 5G	-5.9dBi	-5.9dBi	-0.5dBi	-0.5dBi
BT	-4.2dBi	-4.2dBi	1.5dBi	1.5dBi

3、 Ant1

	TX	RX	TX	RX
WCDMA B2	-5.0dBi	-3.9dBi	-1.8dBi	-0.7dBi
WCDMA B4	-7.9dBi	-4.1dBi	-3.6dBi	0.9dBi
WCDMA B5	-11.7dBi	-8.0dBi	-7.5dBi	-3.6dBi
LTE B2	-5.0dBi	-3.9dBi	-1.8dBi	-0.7dBi
LTE B3	-7.9dBi	-5.3dBi	-3.6dBi	-2.1dBi
LTE B4	-7.9dBi	-4.1dBi	-3.6dBi	0.9dBi
LTE B5	-11.7dBi	-8.0dBi	-7.5dBi	-3.6dBi
LTE B12	-9.6dBi	-8.9dBi	-5.9dBi	-4.9dBi
LTE B14	-11.0dBi	-8.6dBi	-6.0dBi	-4.6dBi
LTE B66	-7.9dBi	-4.1dBi	-3.6dBi	0.9dBi
LTE B30	-6.0dBi	-4.8dBi	-0.2dBi	0.8dBi
LTE B29	/	-8.7dBi	/	-4.9dBi

N2	-5.0dBi	-3.9dBi	-1.8dBi	-0.7dBi
N5	-11.7dBi	-8.0dBi	-7.5dBi	-3.6dBi
N66	-7.9dBi	-4.1dBi	-3.6dBi	0.9dBi
N30	-6.0dBi	-4.8dBi	-0.2dBi	0.8dBi

4、Ant2

	TX	RX	TX	RX
LTE B2	/	-7.1dBi	/	-2.5dBi
LTE B4	/	-7.4dBi	/	-2.1dBi
LTE B66	/	-7.4dBi	/	-2.1dBi
LTE B30	/	-8.6dBi	/	-3.2dBi
N2	/	-7.1dBi	/	-2.5dBi
N66	/	-7.4dBi	/	-2.1dBi
N30	/	-8.6dBi	/	-3.2dBi
N77	-7.6dBi	-7.6dBi	-2.4dBi	-2.4dBi

5、Ant3

	TX	RX	TX	RX
LTE B2	/	-15.2dBi	/	-9.9dBi
LTE B4	/	-13.2dBi	/	-8.6dBi
LTE B66	/	-13.2dBi	/	-8.6dBi
LTE B30	/	-12.1dBi	/	-6.3dBi
N2	/	-15.2dBi	/	-9.9dBi
N66	/	-13.2dBi	/	-8.6dBi
N30	/	-12.1dBi	/	-6.3dBi
N77	-8.6dBi	-8.6dBi	-3.8dBi	-3.8dBi

6、Ant4

	TX	RX	TX	RX
LTE B48	-6.9dBi	-6.9dBi	-1.7dBi	-1.7dBi
N77	-6.6dBi	-6.6dBi	-0.5dBi	-0.5dBi

7、Ant6

	TX	RX	TX	RX
LTE B48	-5.7dBi	-5.7dBi	-0.9dBi	-0.9dBi
N77	-5.1dBi	-5.1dBi	-0.1dBi	-0.1dBi