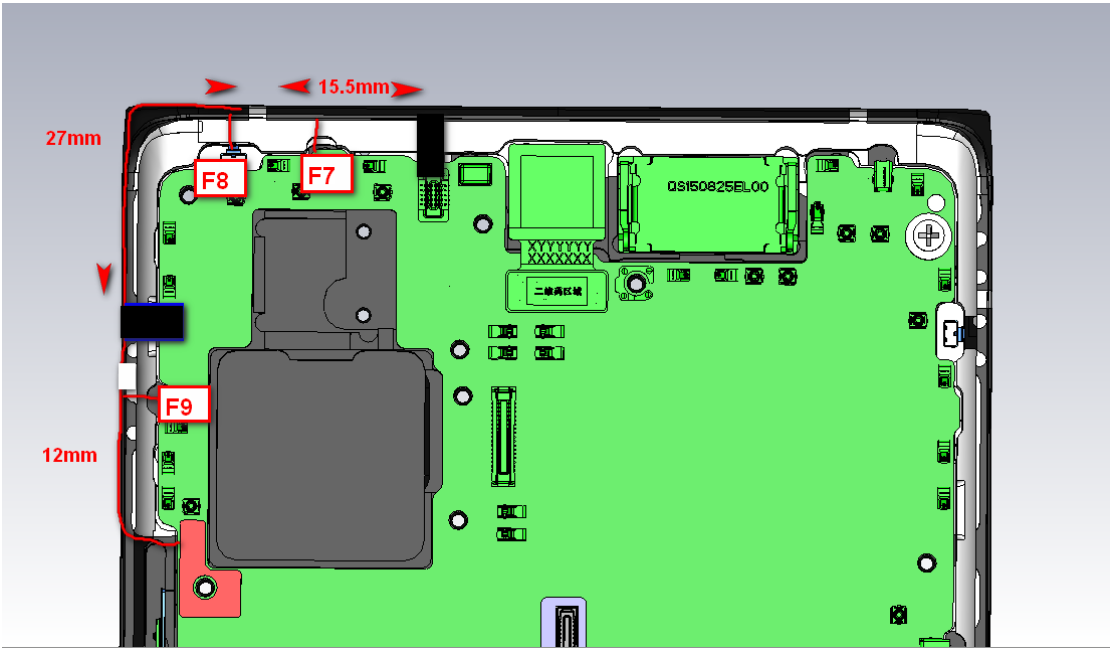


BT/WIFI ANT Specification

一. Location and Size

ANT Location

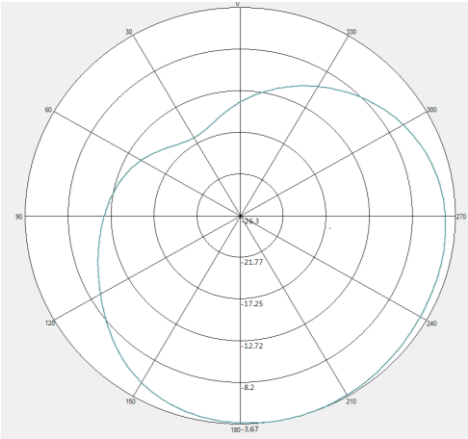
ANT7 is WiFi2.4G chain1, F7 is ANT7 signal Feeding point, ANT 7 length 15.5mm
ANT 8 is WiFi5G chain1/GPS, F8 is ANT8 signal Feeding point, length 27mm
ANT 9 is WiFi5G/2.4G chain0/BT, F9 is ANT9 signal Feeding point, length 12mm



二. Antenna Gain and Pattern

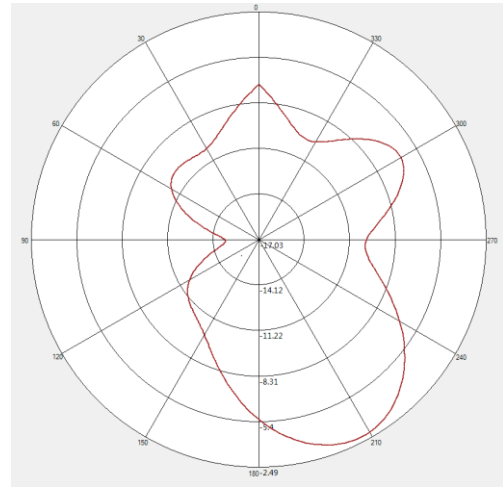
ANT7

	A7	
Freq (MHz)	Efficiency_dB	Gain_dBi
2400	-10.2	-5.3
2410	-9.8	-4.9
2420	-9.6	-4.5
2430	-9.2	-4.0
2440	-9.1	-4.0
2450	-8.9	-3.8
2460	-8.8	-3.9
2470	-8.7	-4.0
2480	-8.4	-4.0
2490	-8.2	-3.8



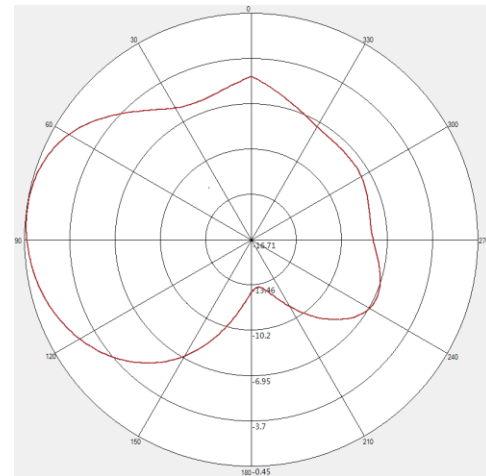
ANT8

A8		
Freq (MHz)	Efficiency_dB	Gain_dBi
5150	-8.2	-3.3
5170	-8.2	-3.2
5190	-8.0	-2.9
5210	-8.1	-2.8
5230	-7.9	-2.9
5250	-8.0	-3.0
5270	-8.0	-3.3
5290	-7.9	-3.5
5310	-7.9	-3.3
5330	-8.2	-3.4
5350	-8.4	-3.5
5370	-8.6	-3.6
5390	-8.7	-3.5
5410	-8.7	-3.6
5430	-9.0	-3.6
5450	-9.2	-3.8
5470	-9.7	-4.5
5490	-9.7	-4.4
5510	-10.0	-5.0
5530	-9.8	-4.8
5550	-10.1	-5.5
5570	-10.1	-5.9
5590	-10.4	-6.5
5610	-10.4	-7.0
5630	-10.2	-6.7
5650	-10.0	-6.6
5670	-9.9	-6.2
5690	-9.9	-6.0
5710	-9.7	-5.6
5730	-9.7	-5.7
5750	-9.3	-5.0
5770	-9.2	-4.9
5790	-9.2	-4.6
5810	-9.2	-4.6
5830	-9.0	-4.0
5850	-9.0	-4.3



ANT9

Freq (MHz)	Efficiency dB	A9 Gain_dBi
2400	-6.2	-1.2
2410	-6.1	-1.0
2420	-6.0	-0.9
2430	-5.8	-0.6
2440	-6.2	-0.9
2450	-6.1	-0.7
2460	-6.2	-0.7
2470	-6.3	-0.7
2480	-6.6	-0.9
2490	-6.7	-0.9
2500	-6.7	-0.9



Freq (MHz)	Efficiency dB	Gain_dBi
5150	-6.8	-1.7
5170	-6.8	-1.6
5190	-6.7	-1.6
5210	-6.8	-1.5
5230	-6.9	-1.6
5250	-7.2	-1.7
5270	-7.3	-1.7
5290	-7.4	-1.9
5310	-7.6	-2.2
5330	-7.9	-2.6
5350	-8.3	-3.1
5370	-8.7	-3.5
5390	-8.9	-3.8
5410	-9.1	-3.9
5430	-9.3	-4.3
5450	-9.7	-4.7
5470	-10.1	-5.2
5490	-10.1	-5.2
5510	-10.4	-5.3
5530	-10.2	-5.3
5550	-10.2	-5.2
5570	-10.3	-5.4
5590	-10.4	-5.5
5610	-10.4	-5.3
5630	-10.4	-5.4
5650	-10.2	-4.9
5670	-10.2	-4.7
5690	-10.2	-4.7
5710	-10.1	-4.4
5730	-10.3	-4.5
5750	-10.1	-4.3
5770	-10.5	-4.8
5790	-10.6	-5.1
5810	-10.7	-5.2
5830	-10.6	-5.2
5850	-10.7	-5.5

