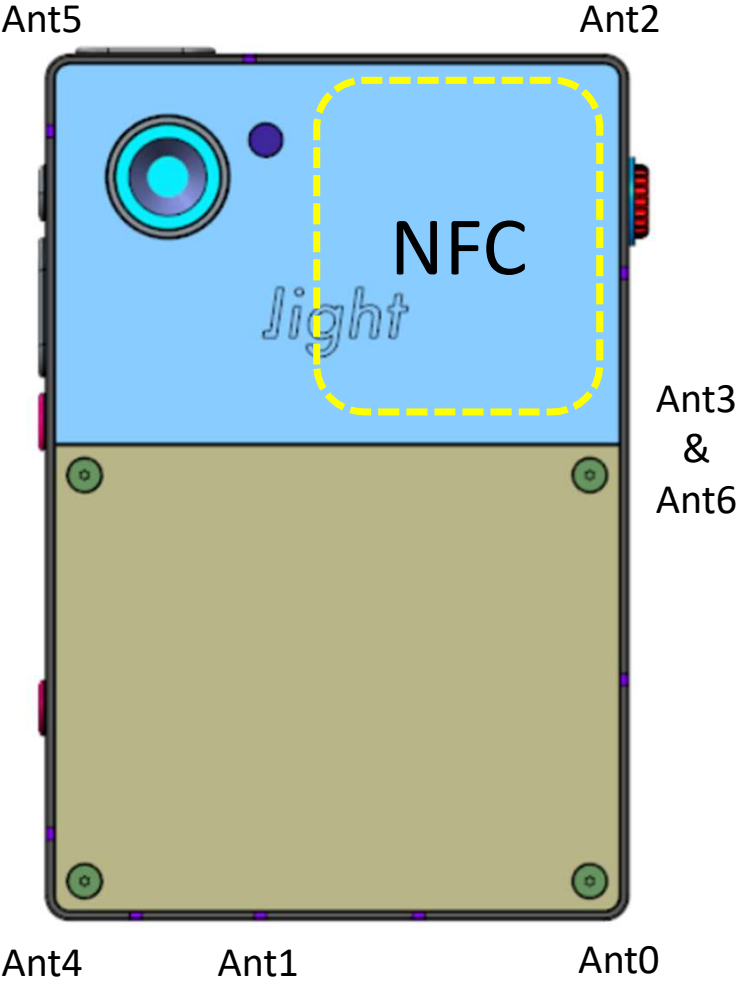
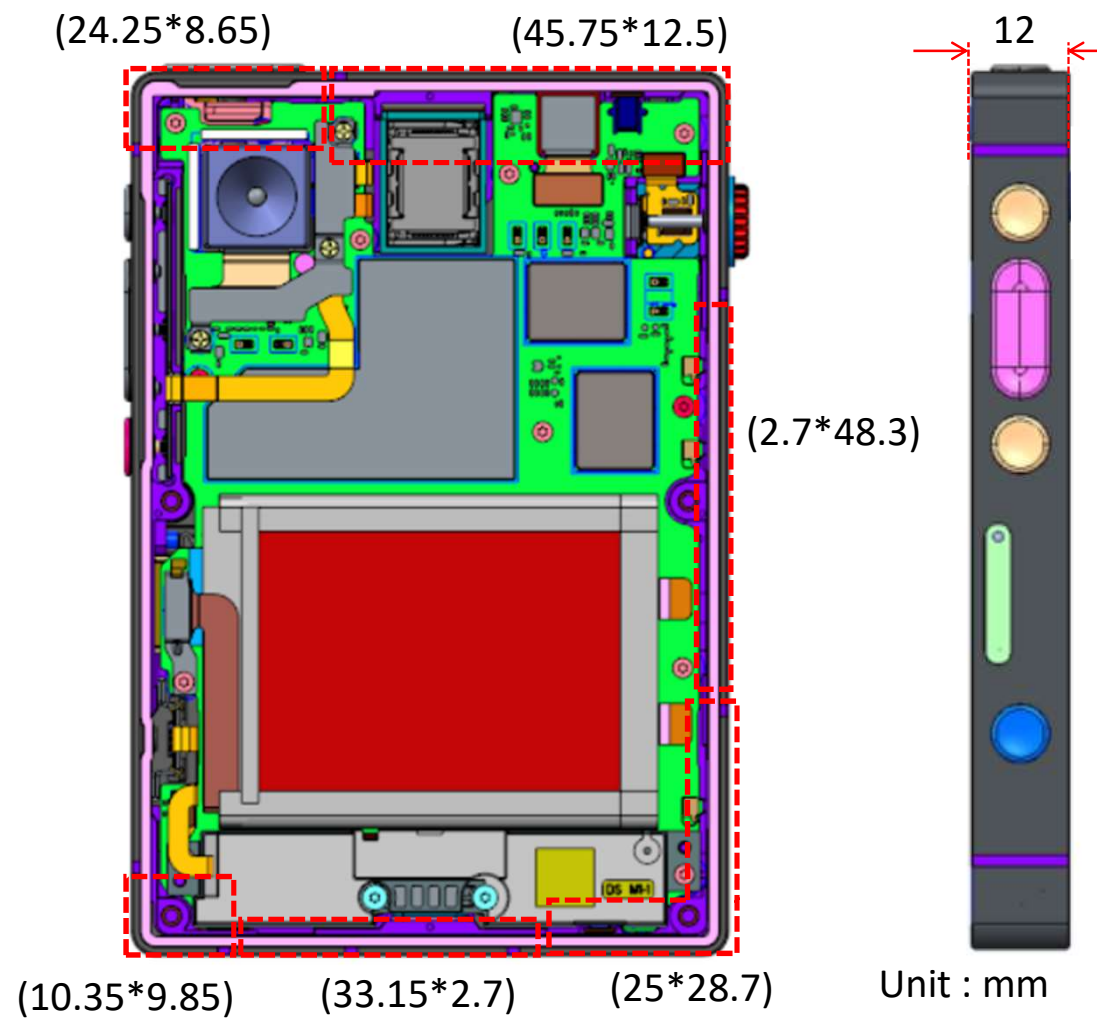
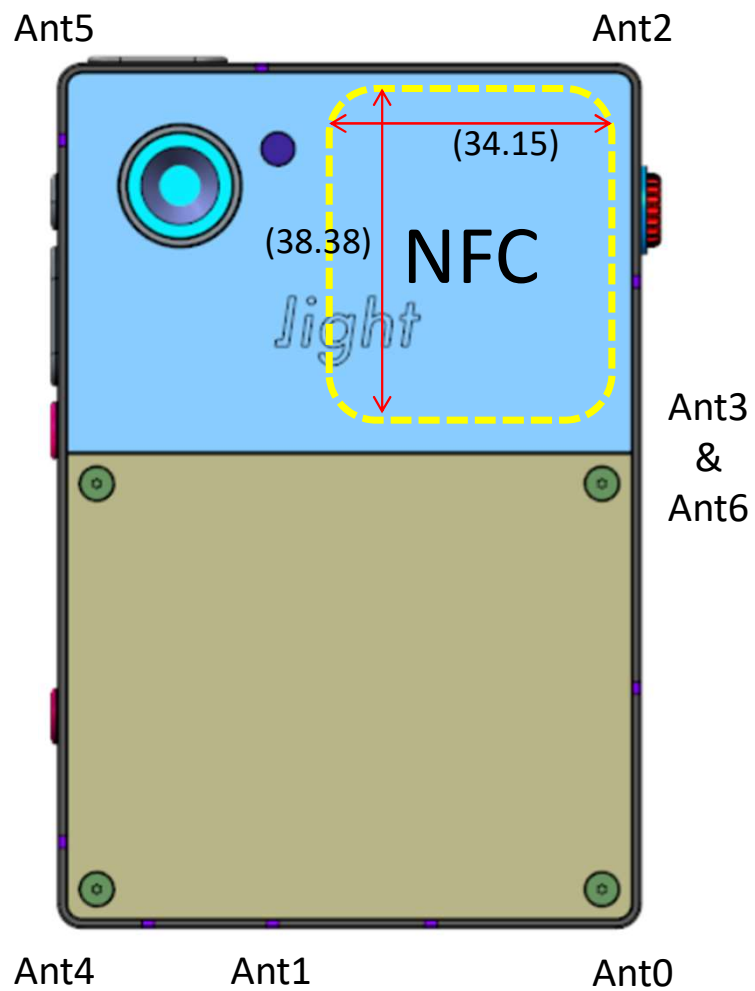


LP3 Antenna Allocation



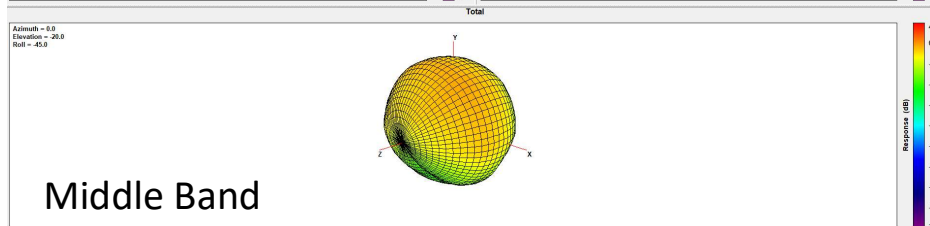
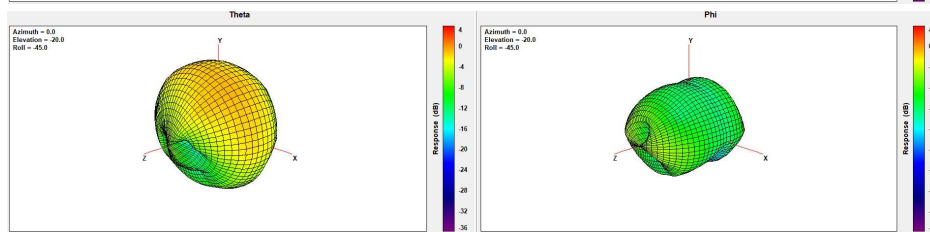
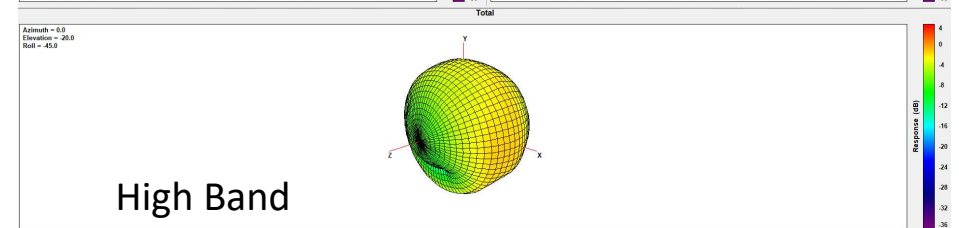
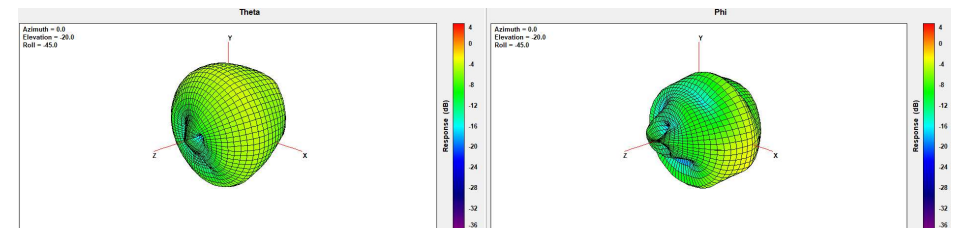
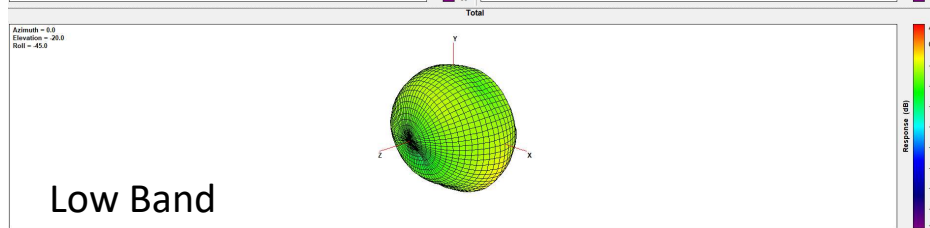
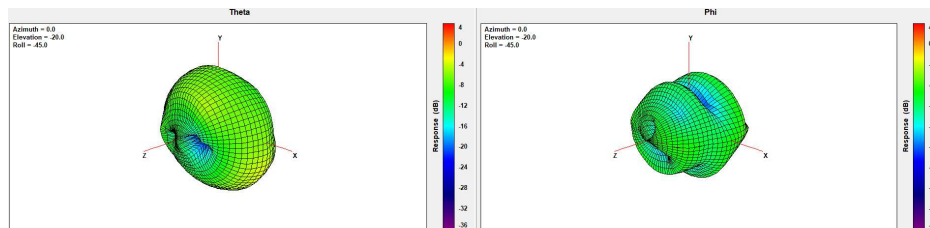
Model	Function	ANT Type	Manufacturer
ANT0	LB0/M1/H1	IFA	Dongguan Huayu precision technology Co.,Ltd.
ANT1	M0/H0	IFA	
ANT2	LB1	IFA	
ANT3	BT/Wi-Fi 2.4-5GHz	IFA	
ANT4	UH0	IFA	
ANT5	GPS L1/UH1	IFA	
ANT6	GPS L5	IFA	Shenzhen ZTX Communication Technology Co., LTD
NFC antenna	NFC	Loop	

LP3 Antenna dimension



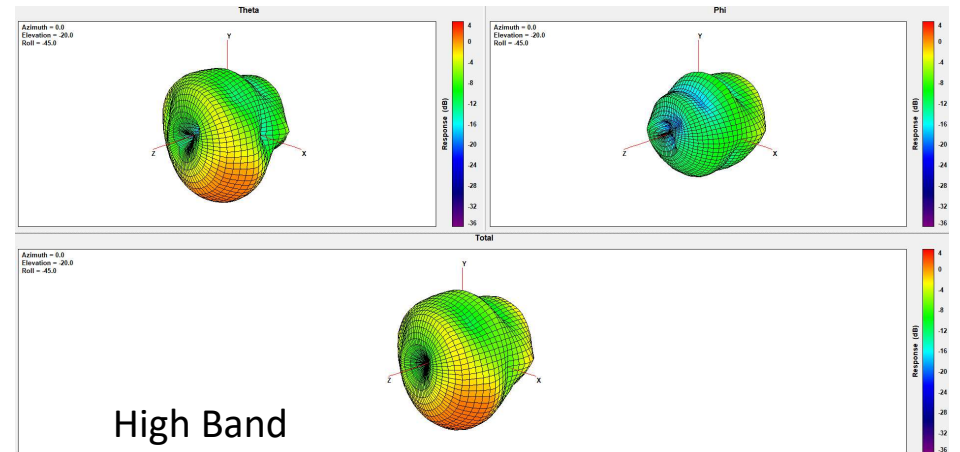
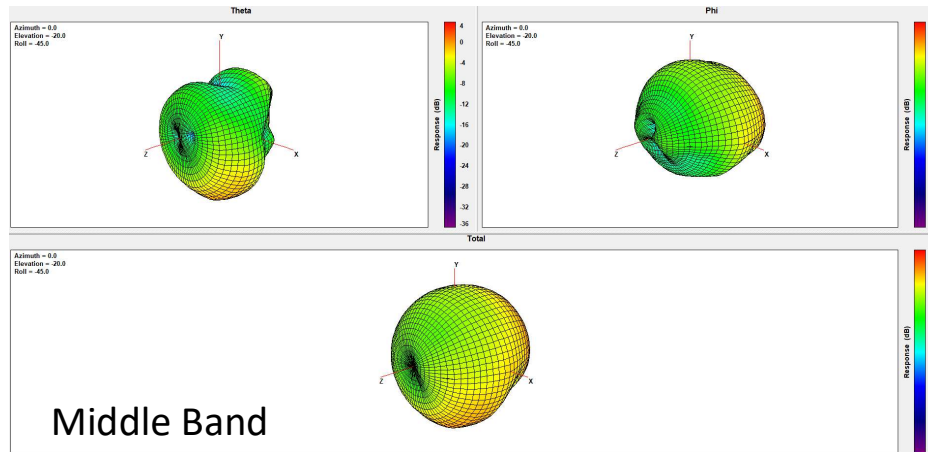
WWAN Bottom Antenna – ANT0 (IFA)

ANT0 (WWAN)	Frequency	880~915(MHz)	824~862(MHz)	777~798(MHz)	703~748(MHz)	699~716(MHz)	663~698(MHz)	1710~2200MHz	2300~2690MHz
	Band	GSM:900 UMTS:B8 LTE:B8 NR:n8	GSM:850 UMTS:B5/6/19 LTE: B5/18/19/20/26 NR:n5/20/26	LTE: B13/14 NR: n14	LTE:B28 NR:n28	LTE:B12/17 NR:n12	LTE:B71 NR:n71	LTE:B2/66	LTE:B30
	Gain(dBi)	-2.24	-2.91	-5.76	-4.99	-5.76	-7.82	-0.32	-1.10



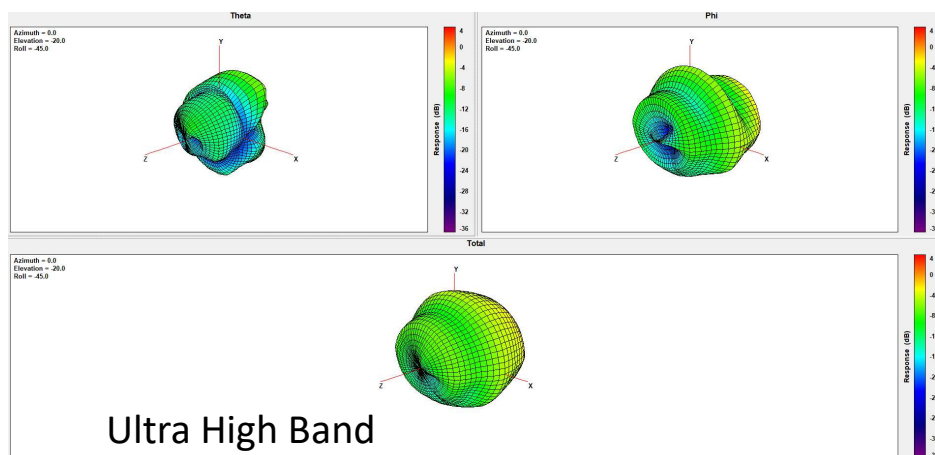
WWAN Bottom Antenna – ANT1 (IFA)

Frequency	1710~1785MHz	1850~1910MHz	1920~1980MHz	2305~2315MHz	2300~2400MHz	2496~2690MHz	2500~2570MHz	2570~2620MHz
Band	GSM:1800 UMTS:B3/4 LTE:B3/4/66 NR:n3/4/66/70	GSM:1900 UMTS:B2 LTE:B2/25 NR:n2/25	UMTS:B1 LTE:B1 NR:n1	LTE:B30 NR:n30	LTE:B40 NR:n40	LTE:B41/53 NR:n41/53	LTE:7 NR:7	LTE:B38 NR:n38
Gain(dBi)	2.37	2.72	2.21	0.71	0.89	1.3	0.8	-1.26



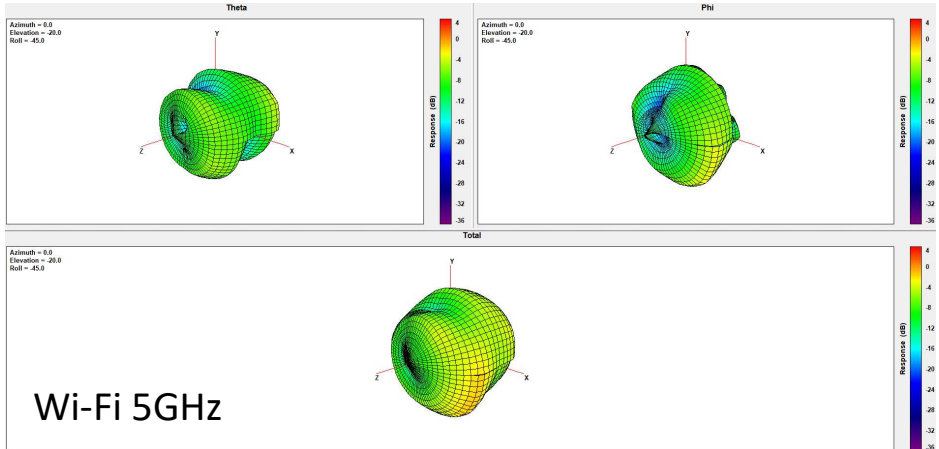
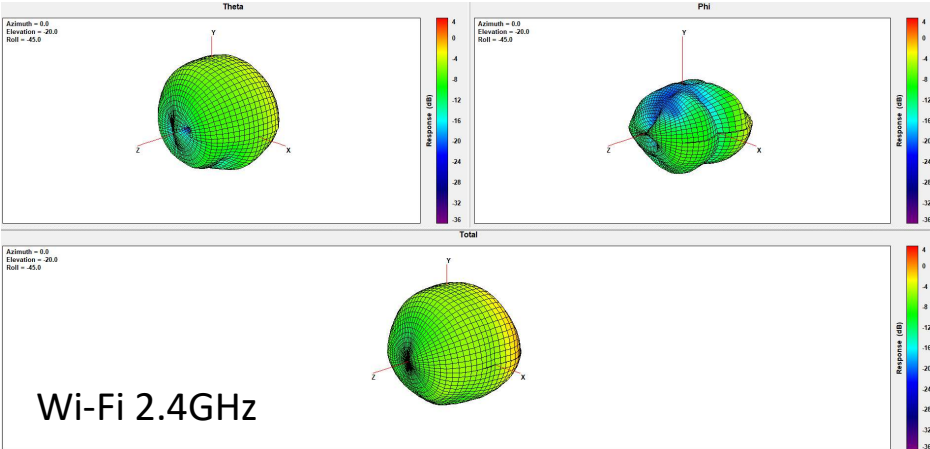
WWAN Bottom Antenna – ANT4 (IFA)

ANT4 (WWAN)	Frequency	3300~3800MHz	3300~4200MHz	3400~3600MHz	3550~3700MHz
	Band	NR:n78	NR:n77	LTE:B42	LTE:B48 NR:n48
	Gain(dBi)	-0.34	-0.34	-0.34	-1.37



Wi-Fi Antenna: ANT3 (IFA)

ANT3 (Wi-Fi)	Frequency	2400~2500MHz	5150~5850MHz
	Gain(dBi)	0.28	-0.69



Wi-Fi Antenna: ANT3 (IFA)

ANT3 (BT)	Frequency	2400~2500MHz
	Gain(dBi)	0.28

