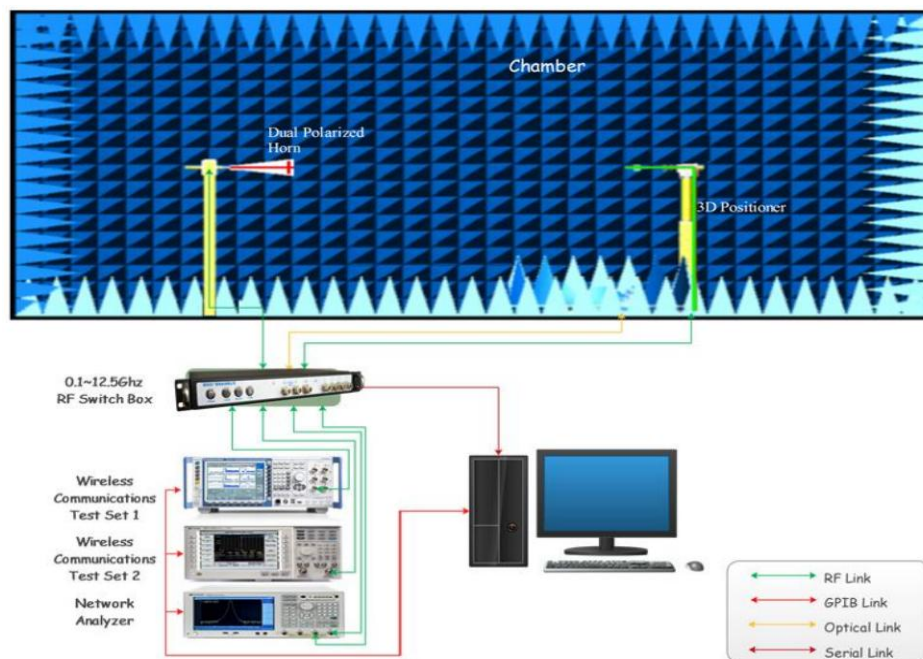


GQ5012 antenna report

Test Address	Shenzhen3Good Wireless Communications CO.,LTD Room501,Jinfulai Building,No.49-1,Dabao Road,Baoan District,Shenzhen
Test Date	February 20, 2025
Test Instrument	vector network analyzer -Agilent Technologies E5071B

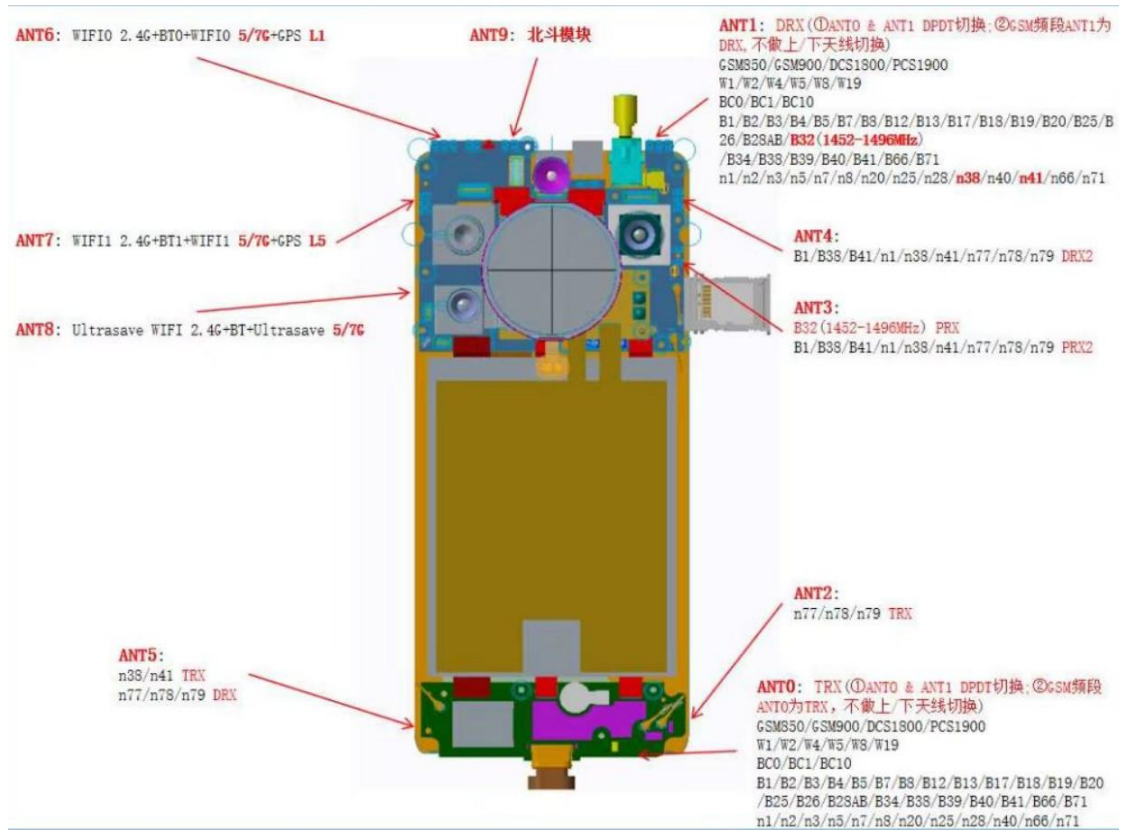
Facility descr

Iption Measurement procedure



Antenna information:

Customer	Boat of wealth
Antenna Model	LDS
Antenna Type	PIFA





Effient (2G+3G+4G+5G+2. 4G-WiFi/BT/GPS)

2G:	Freq(MHz)	Effi (%)	MaxGain/dBi
GSM850	824-894	24.15	-2.25
GSM900	880-960	27.16	-1.35
DCS1800	1710-1880	44.67	2.18
PCS1900	1850-1990	39.54	1.9
3G:			
W1	1920-2170	40.18	2.22
W2	1850-1990	39.54	1.9
W4	1710-2155	44.67	2.18
W5	824-894	24.15	-2.25
W6	830-885	24.15	-2.25
W8	880-960	27.16	-1.35
W19	830-890	24.15	-2.25
C网			
BC0	824.7-893.3	24.15	-2.25
BC1	1851-1988.8	39.54	1.9
BC10	837-891.5	24.15	-2.25
4G:			
LTE-B1	1920-2170	40.18	2.22
LTE-B2	1850-1990	39.54	1.9
LTE-B3	1710-1880	44.67	2.18
LTE-B4	1710-2155	44.67	2.18
LTE-B5	824-894	24.15	-2.25
LTE-B7	2500-2690	31.19	1.1
LTE-B8	880-960	27.16	-1.35
LTE-B12	699-746	21.09	-1.73
LTE-B13	746-787	19.01	-1.39
LTE-B17	704-746	21.09	-1.73
LTE-B18	815-875	24.15	-2.25
LTE-B19	830-890	24.15	-2.25
LTE-B20	791-862	24.15	-2.25
LTE-B25	1850-1995	39.54	1.9
LTE-B26	814-894	24.15	-2.25
LTE-B28	703-803	21.09	-1.73
LTE-B34	2010-2025	35.16	-0.05
LTE-B38	2570-2620	35.08	1.66
LTE-B39	1880-1920	39.54	1.9
LTE-B40	2300-2400	38.73	1.64
LTE-B41	2496-2690	31.19	1.1
LTE-B66	1710-2200	44.67	2.18
LTE-B71	617-698	27.93	0.67
5G:	Freq(MHz)	Effi (%)	Gain(dBi)
NR-N1	1920-2170	40.18	2.22
NR-N2	1850-1990	39.54	1.9
NR-N3	1710-1880	44.67	2.18
NR-N5	824-894	24.15	-2.25
NR-N7	2500-2690	31.19	1.1
NR-N8	880-960	27.16	-1.35
NR-N20	791-862	24.15	-2.25
NR-N25	1850-1995	39.54	1.9
NR-N28	703-803	21.09	-1.73



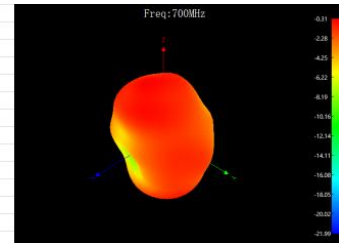
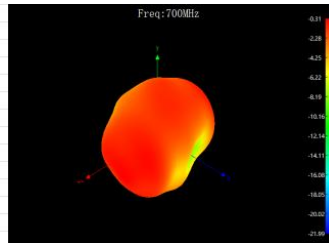
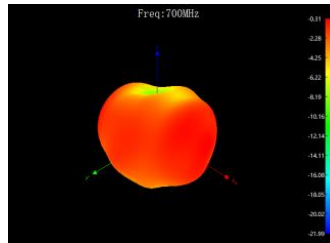
NR-N38	2570-2620	38.55	1.63
NR-N40	2300-2400	38.73	1.64
NR-N41	2496-2690	41.4	1.99
NR-N66	1710-2200	44.67	2.18
NR-N71	617-698	27.93	0.67
NR-N77	3300-4200	32.89	0.41
NR-N78	3300-3800	32.89	0.41
NR-N79	4400-5000	30.83	2.73
2. 4G-WIFI	2400-2500	37.33	2.6
BT	2400-2500	37.33	2.6
5. 8G-WIFI	5150-5850	31.77	2.68
6G	5925-7125	21.78	-0.6
GPS	1575.42	51.88	1.73



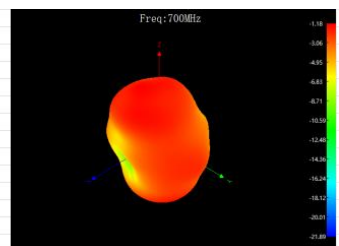
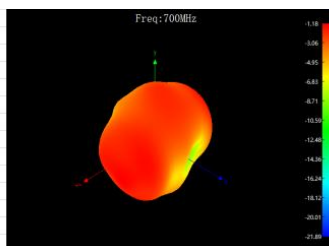
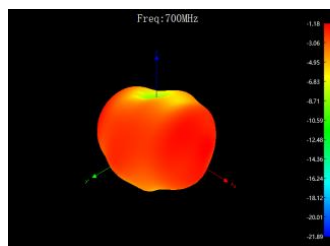
3-D Patten Plots

Effient (2G+3G+4G)

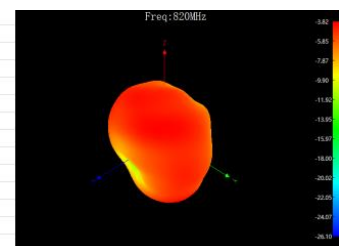
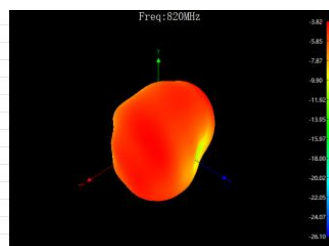
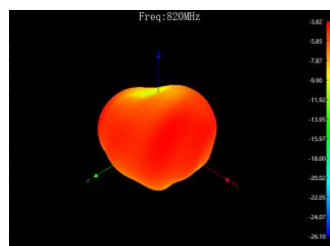
Effient (619-698MHz)



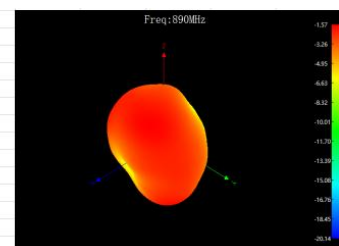
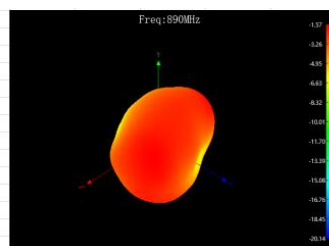
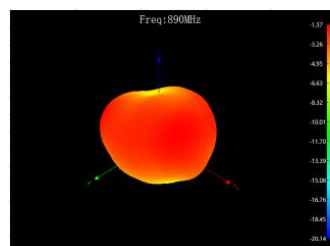
Effient (699-746MHz)



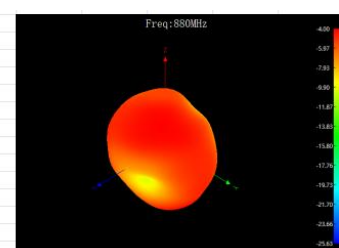
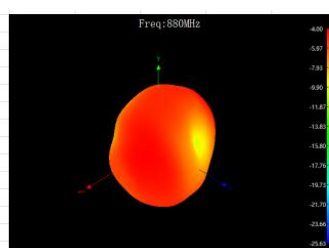
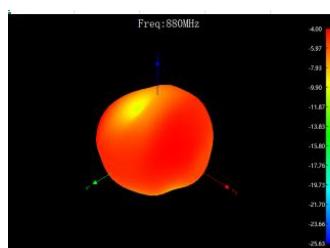
Effient (746-787MHz)



Effient (791-894MHz)

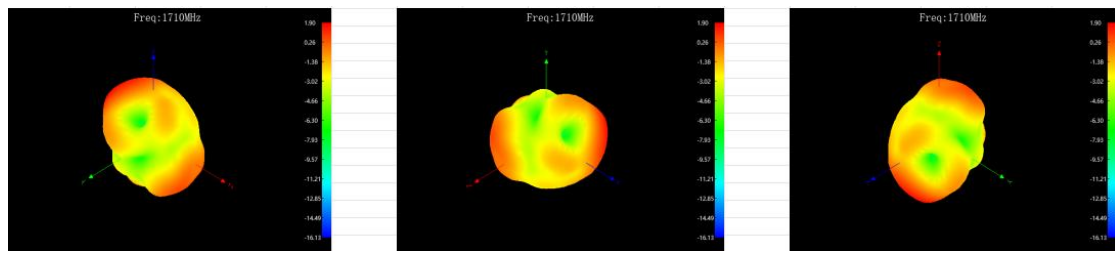


Effient (880-960MHz)

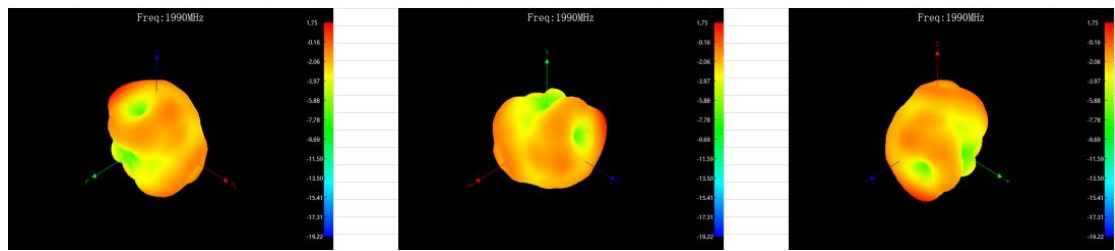




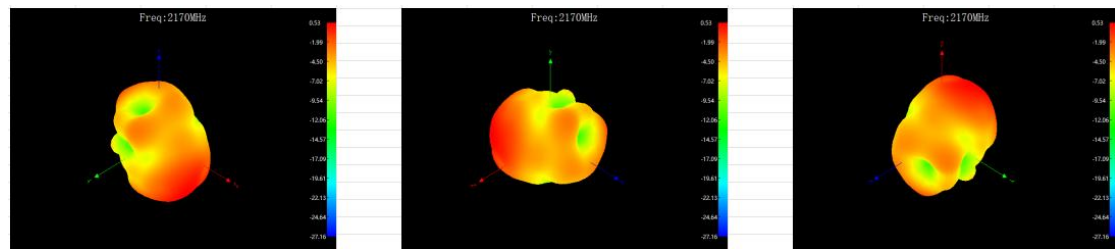
Effient (1710-1880MHz)



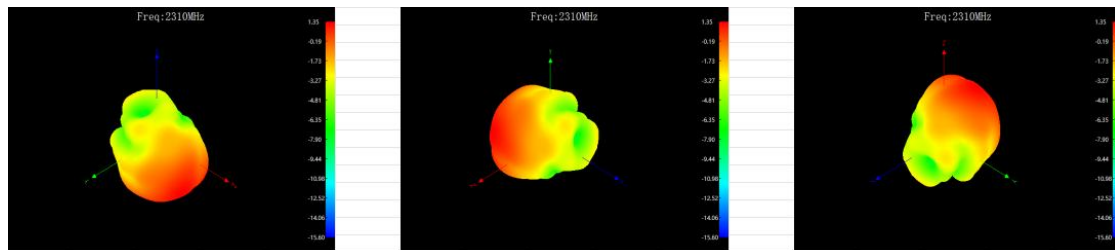
Effient (1850-1990MHz)



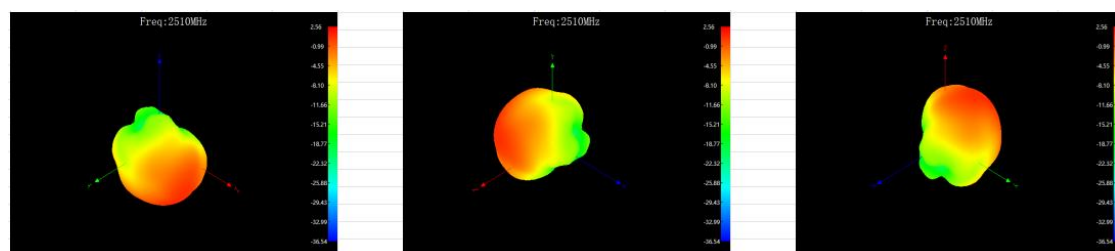
Effient (1920-2170MHz)



Effient (2300-2400MHz)



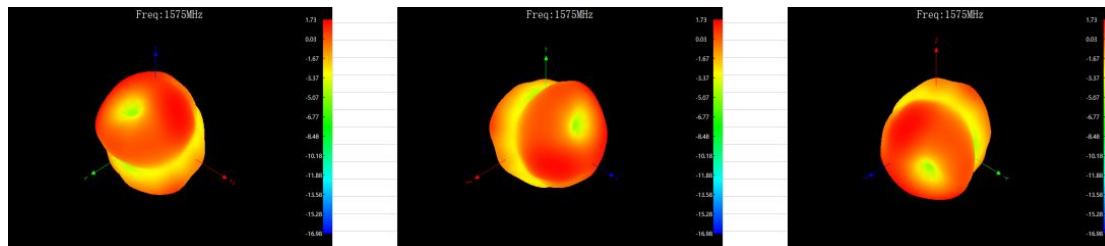
Effient (2496-2690MHz)



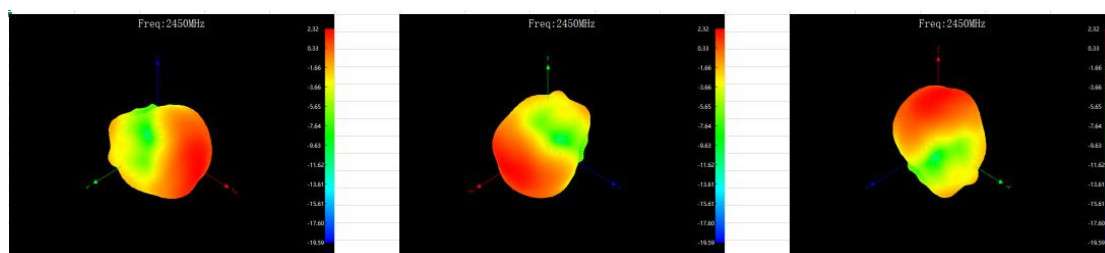


Effient (5G+2. 4G/5. 8G-WiFi/BT/GPS)

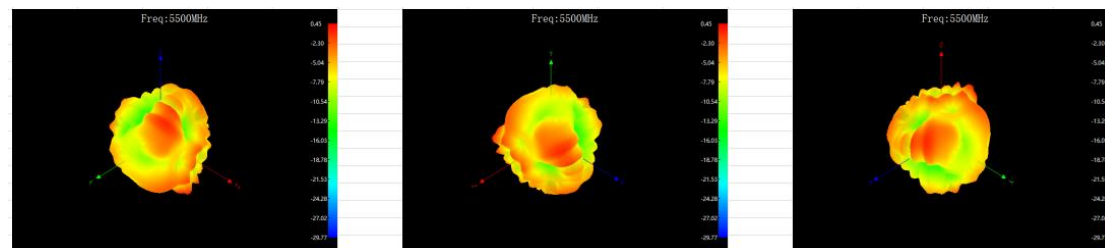
Effient (1575MHz)



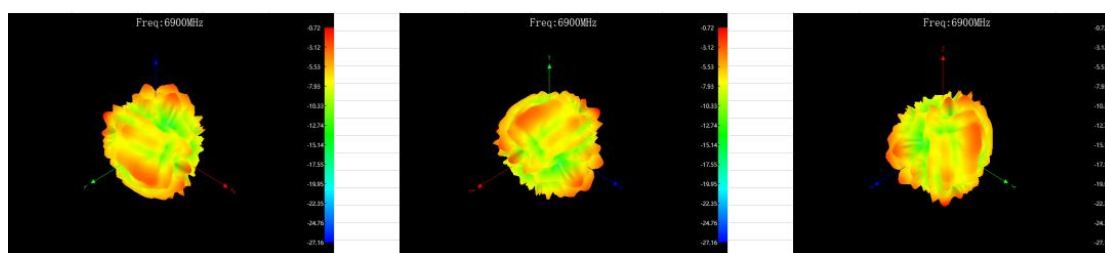
Effient (2400-2500MHz)

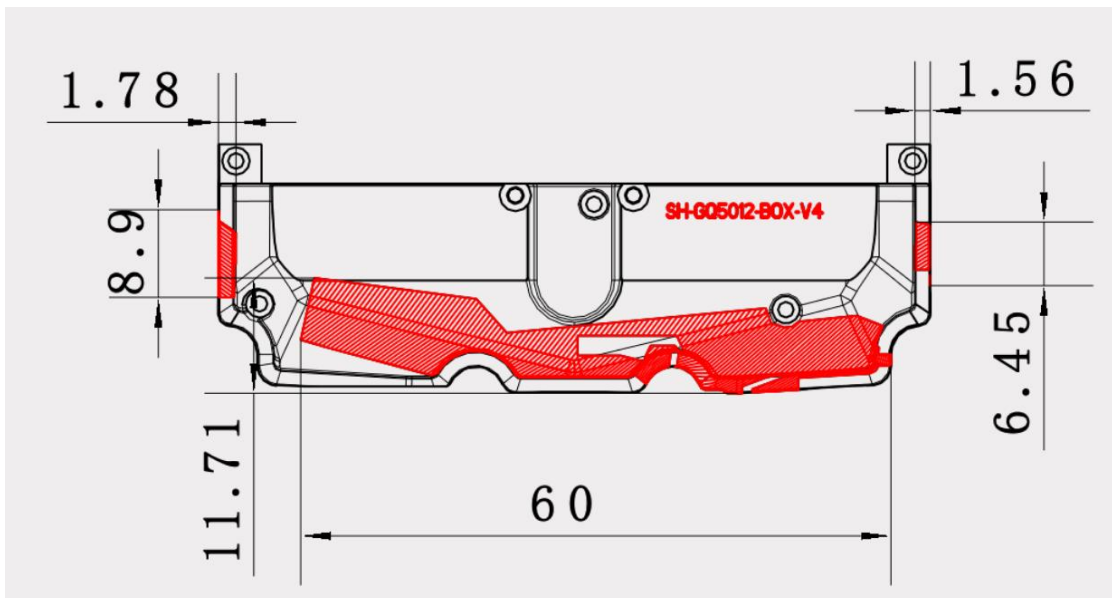
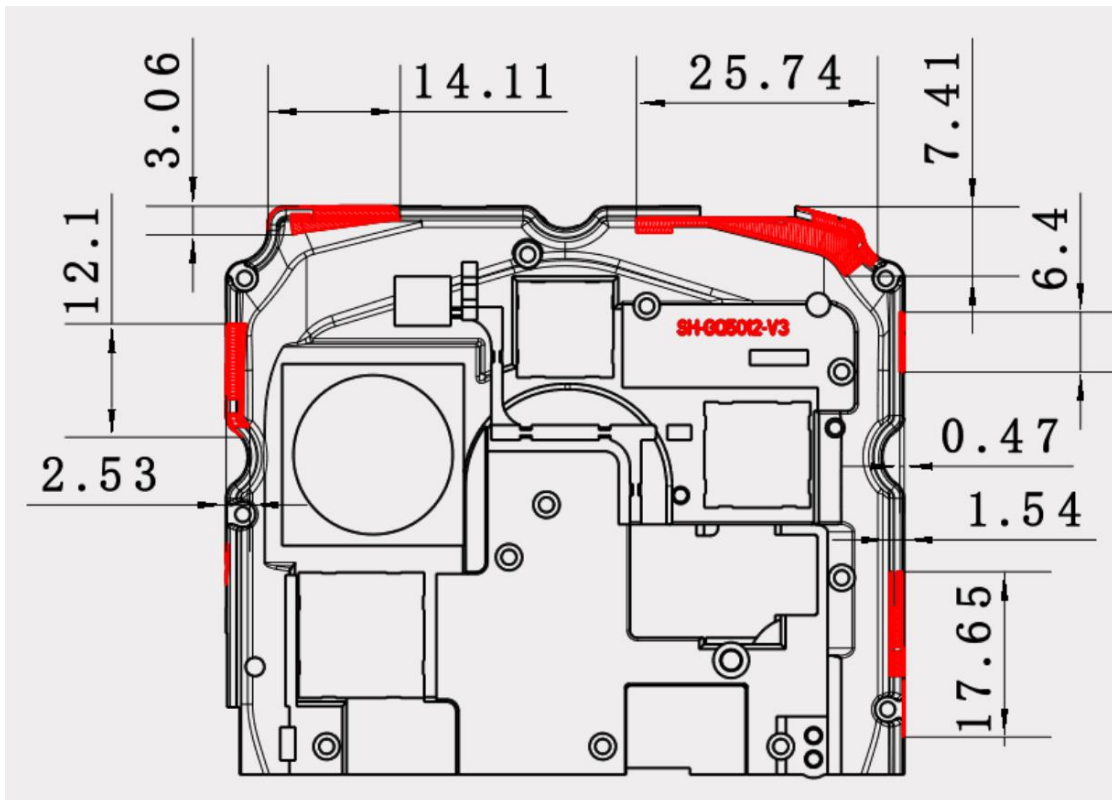


Effient (5150-5850MHz)



Effient (5925-7125MHz)





NFC



