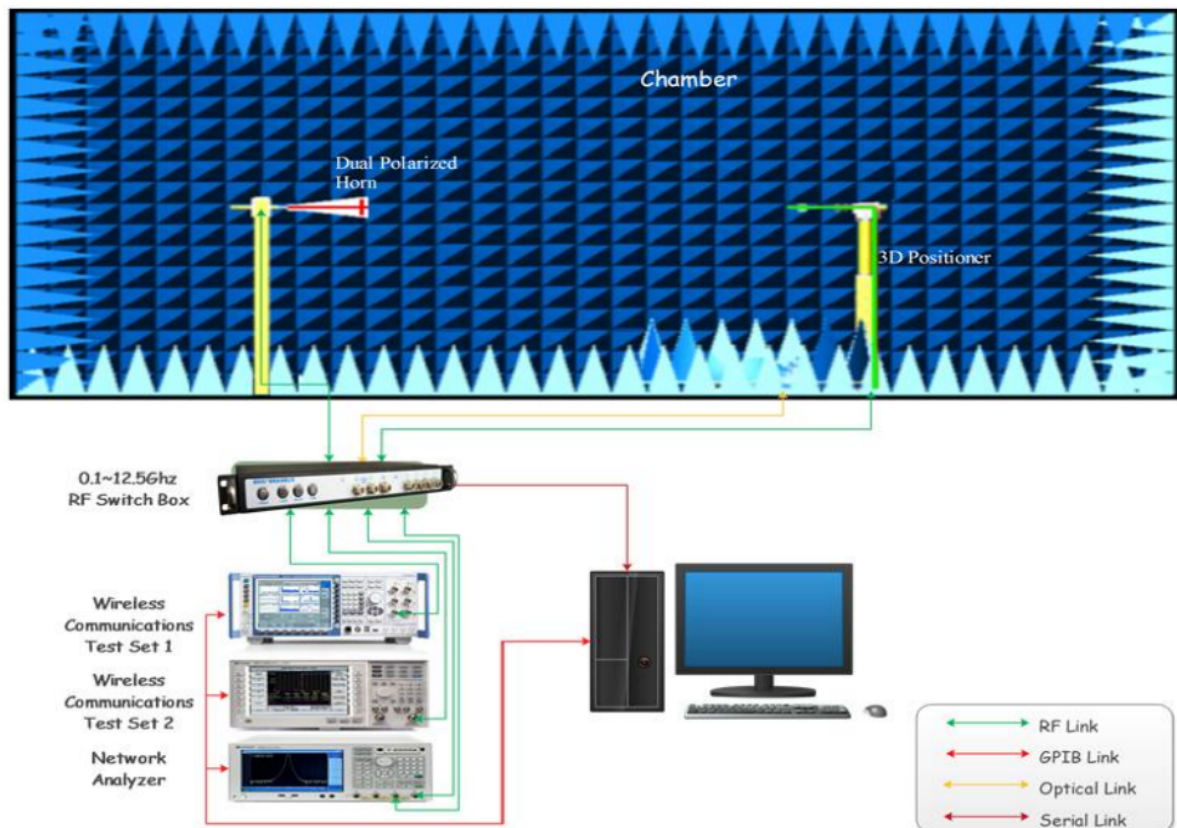


GQ5021-4G antenna report

Test Address	Shenzhen3Good Wireless Communications CO.,LTD Room501,Jinfulai Building,No.49-1,Dabao Road,Baoan District,Shenzhen
Test Date	March 10(th), 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

Passive performance figure:

Frequency(MHZ)	703~960	1710~2690
VSWR	<3.5	<3.5

Efficient (2G+3G+4G+5G+2.4G-WiFi/BT/GPS)

2G:	Freq (MHz)	Effi (%)	Gain (dBi)
GSM850	824-894	26	-1.8
GSM900	880-960	20.4	-2.9
DCS1800	1710-1880	18.5	-3.6
PCS1900	1850-1990	23.5	-2.0
3G:			
W1	1920-2170	25.4	-0.8
W2	1850-1990	23.5	-2.0
W4	1710-2155	18.5	-3.6
W5	824-894	26	-1.8
W6	830-885	26	-1.8
W8	880-960	20.4	-2.9
W19	830-890	26	-1.8
CW			
BC0	824.7-893.3	26	-1.8
BC1	1851-1988.8	23.5	-2.0
BC10	837-891.5	26	-1.8
4G:			
LTE-B1	1920-2170	25.4	-0.8
LTE-B2	1850-1990	23.5	-2.0
LTE-B3	1710-1880	18.5	-3.6
LTE-B4	1710-2155	18.5	-3.6
LTE-B5	824-894	26	-1.8
LTE-B7	2500-2690	26.5	-1.8
LTE-B8	880-960	20.4	-2.9
LTE-B12	699-746	25	-2.5
LTE-B13	746-787	24.6	-2.9
LTE-B17	704-746	25	-2.5
LTE-B18	815-875	26	-1.8
LTE-B19	830-890	26	-1.8
LTE-B20	791-862	26	-1.8
LTE-B25	1850-1995	23.5	-2.0
LTE-B26	814-894	26	-1.8
LTE-B28	703-803	25	-2.5
LTE-B34	2010-2025	25.4	-0.8
LTE-B38	2570-2620	26.1	-1.8
LTE-B39	1880-1920	25.4	-0.8



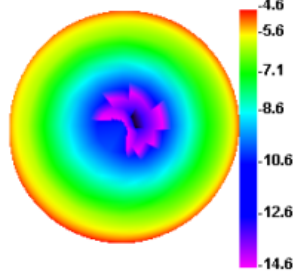
LTE-B40	2300-2400	19	-2.6
LTE-B41	2496-2690	26.5	-1.8
LTE-B66	1710-2200	18.5	-3.6
LTE-B71	617-698	16	-4.6
2. 4G-WIFI	2400-2500	31.17	1.3
BT	2400-2500	31.17	1.3
5. 8G-WIFI	5150-5850	20.13	-2.1
GPS	1575.42	34.66	2.1

3-D Patten Plots

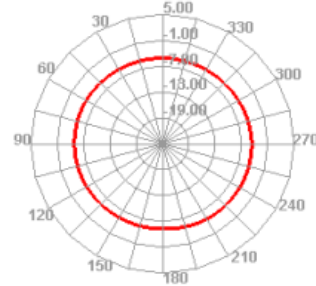
Effient (2G+3G+4G)

Effient (619-698MHz)

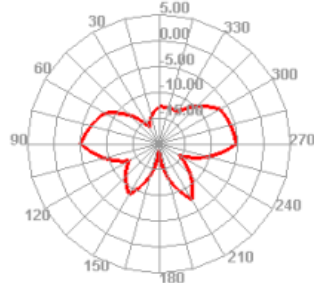
680.000MHz



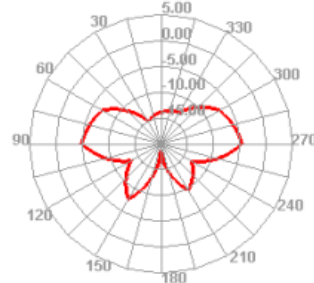
680.000MHz H



680.000MHz E1

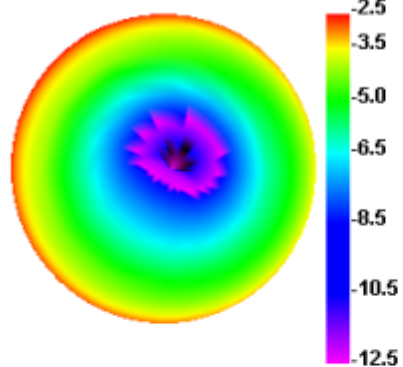


680.000MHz E2

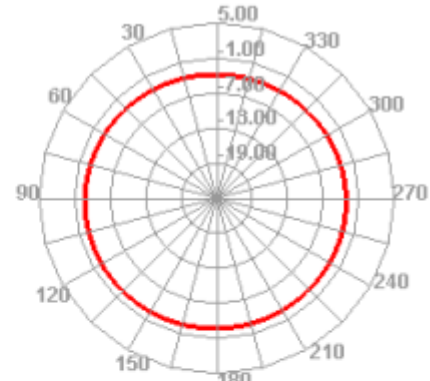


Effient (699-746MHz)

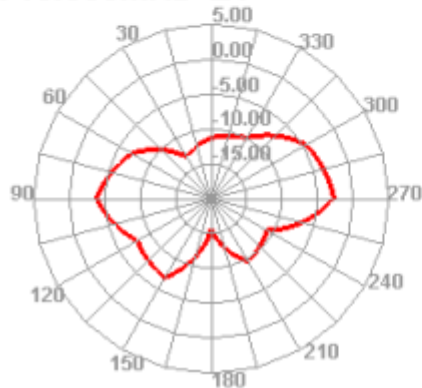
710.000MHz



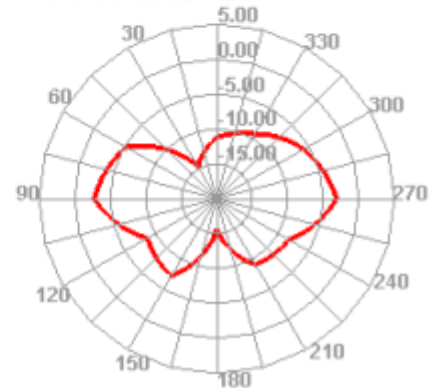
710.000MHz H



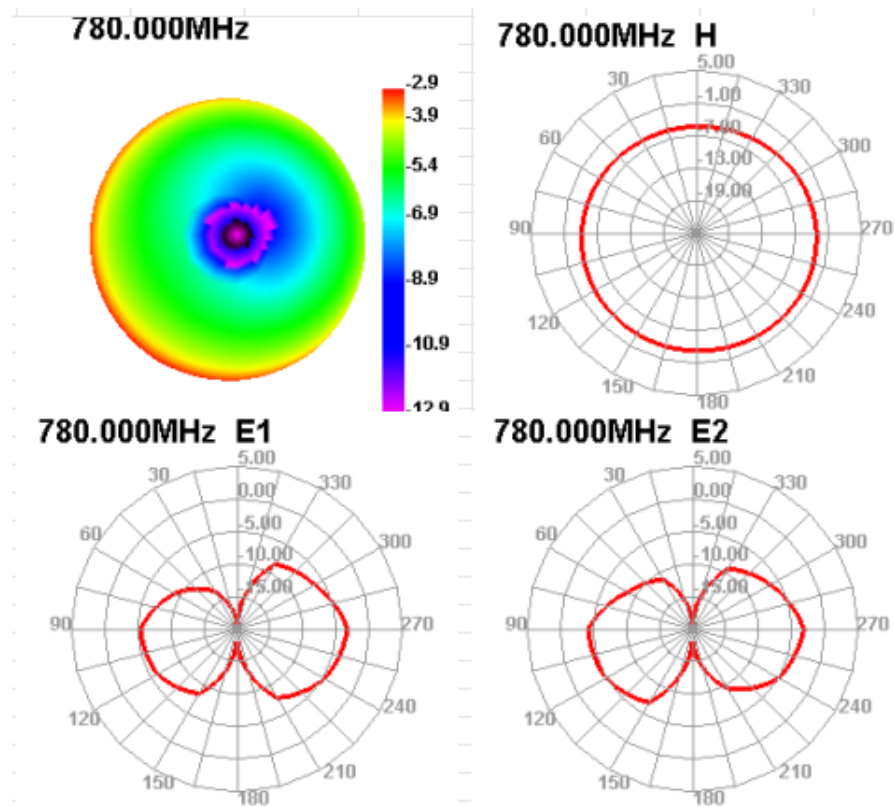
710.000MHz E1



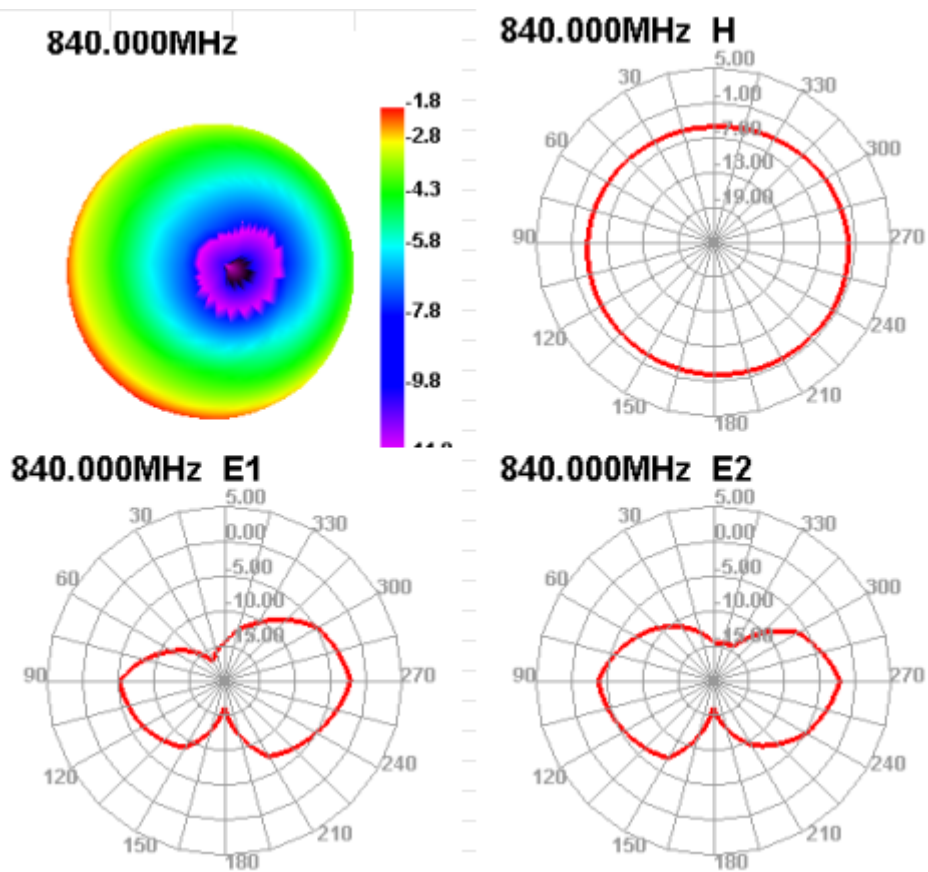
710.000MHz E2



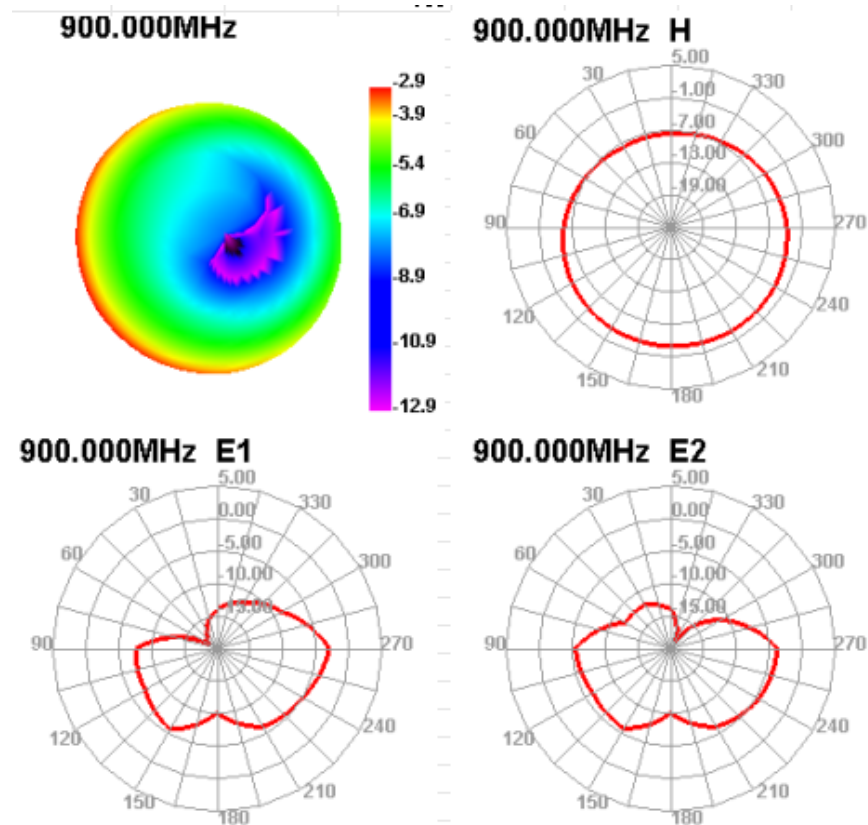
Effient (746-787MHz)



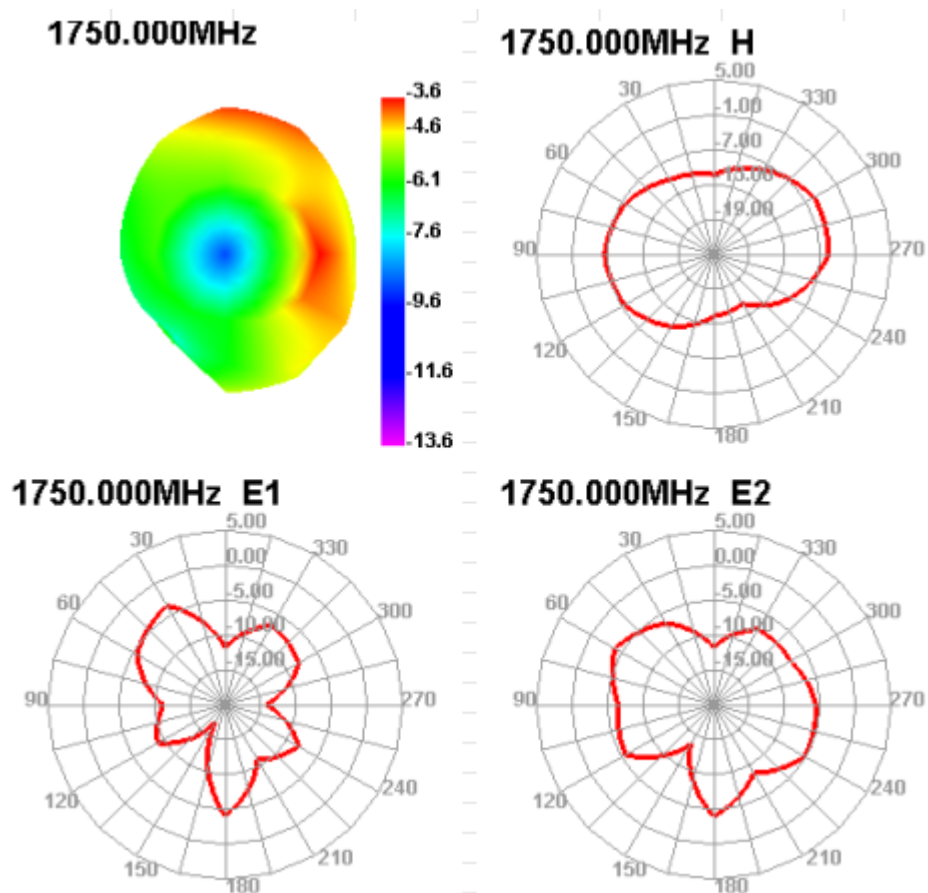
Effient (791-894MHz)



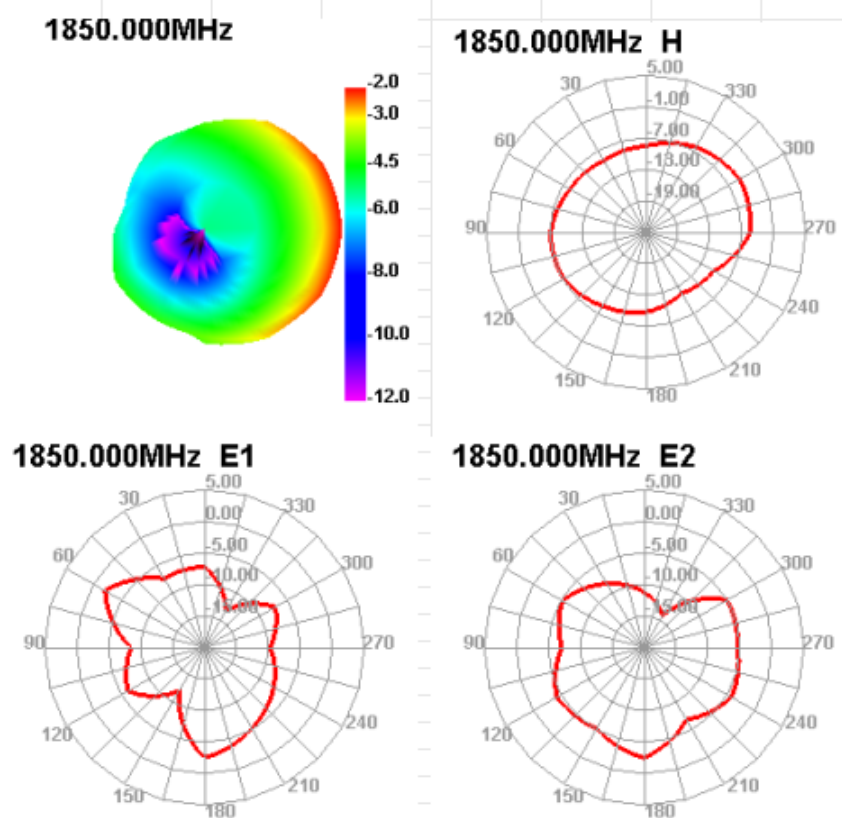
Effient (880-960MHz)



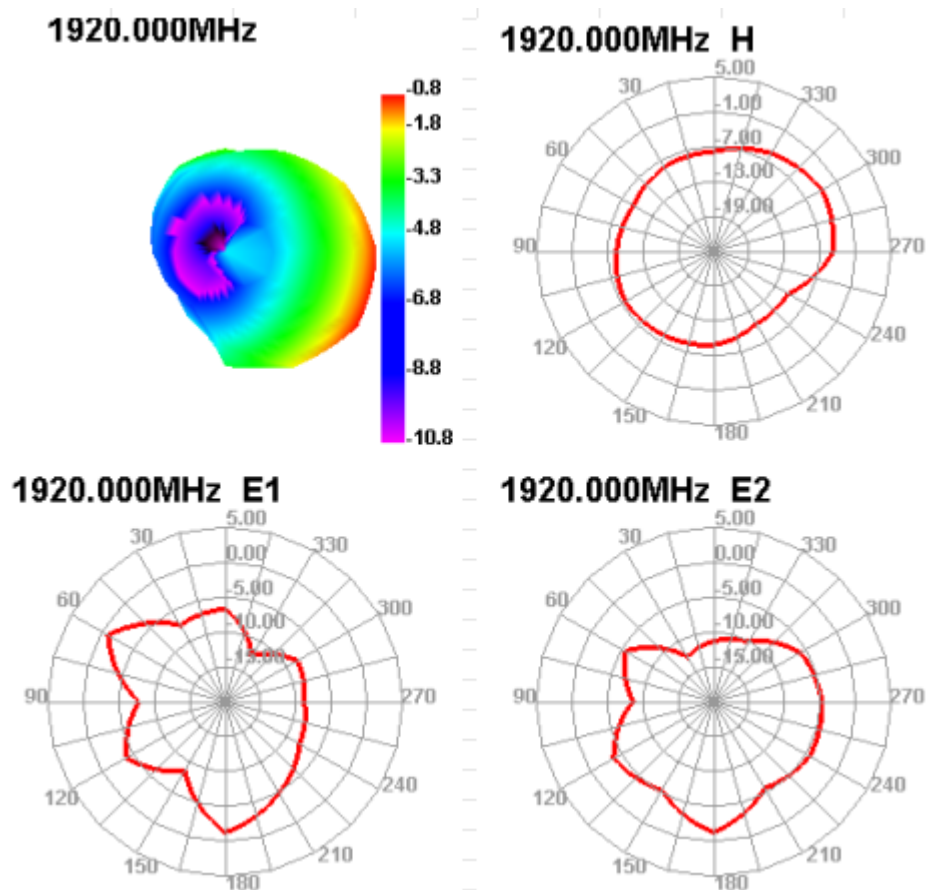
Effient (1710-1880MHz)



Efficient (1850–1990MHz)

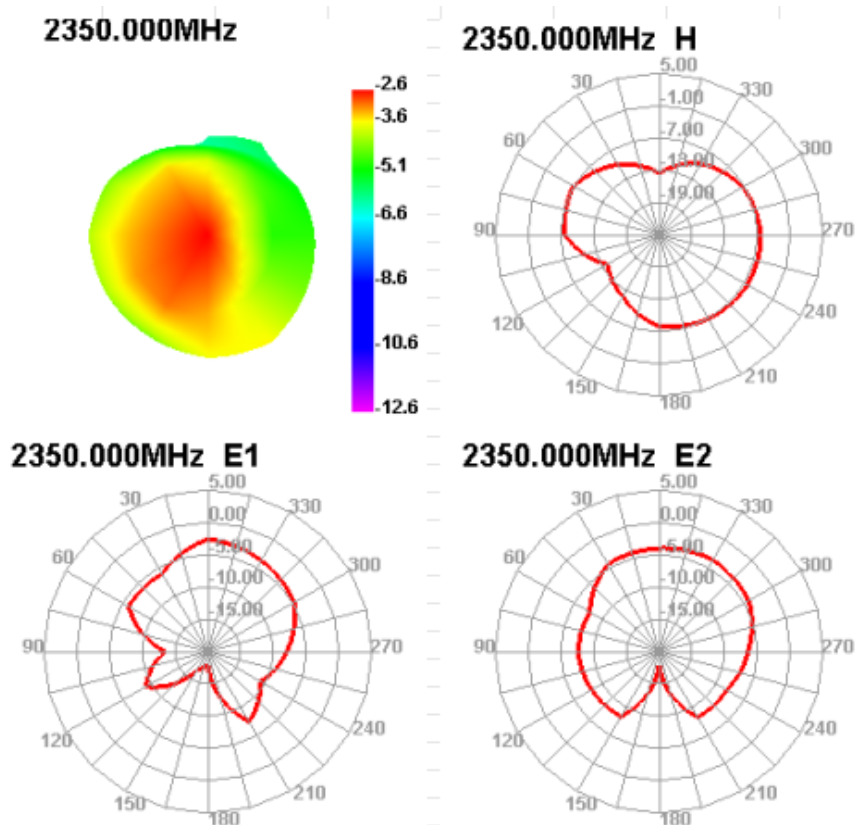


Efficient (1920–2170MHz)

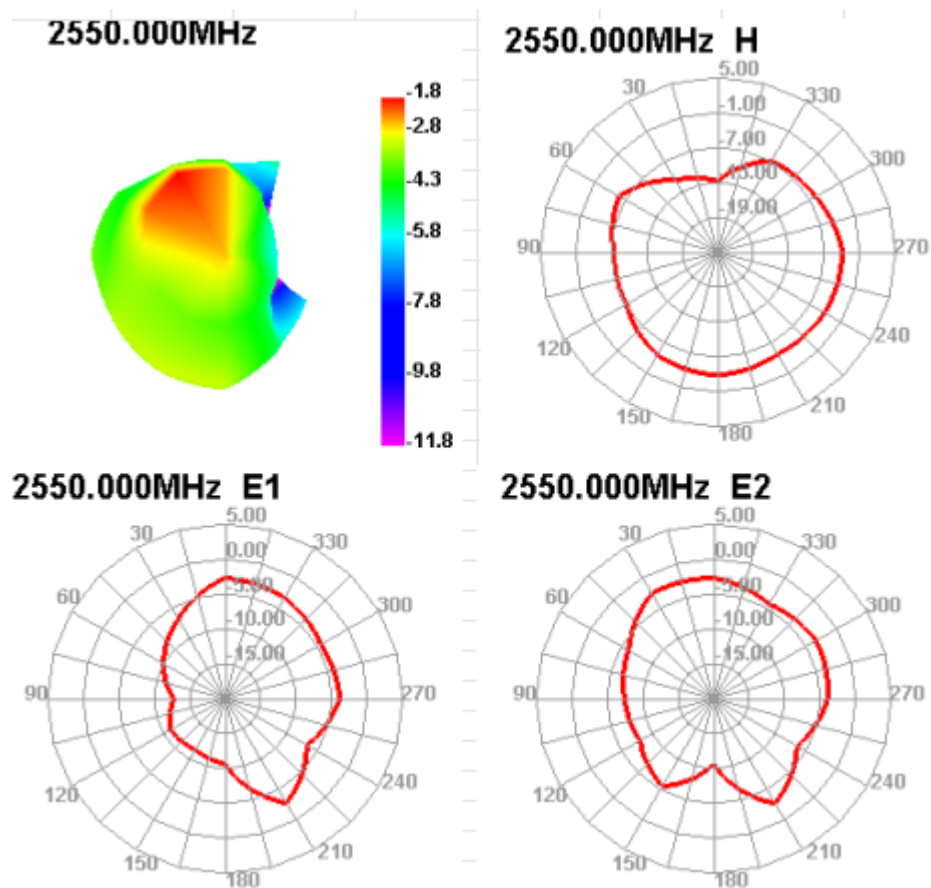




Effient (2300-2400MHz)



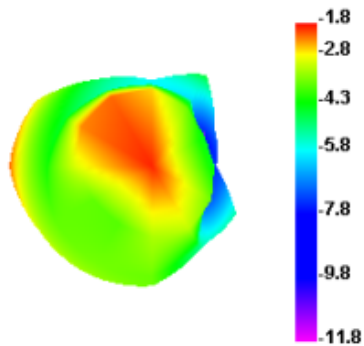
Effient (2496-2690MHz)



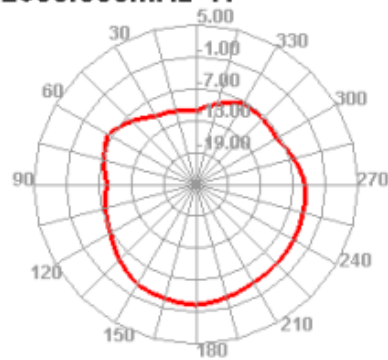


Effient (2496-2690MHz)

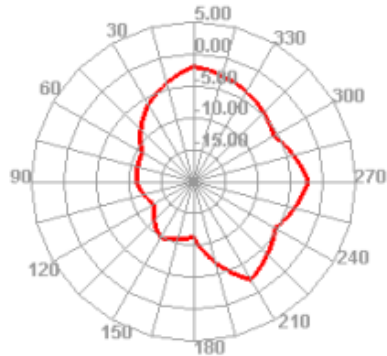
2600.000MHz



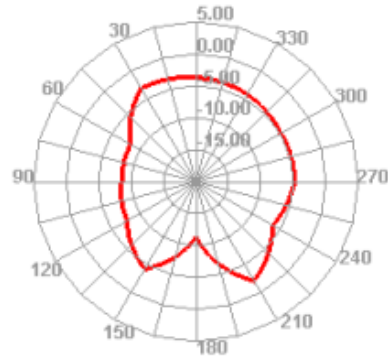
2600.000MHz H



2600.000MHz E1



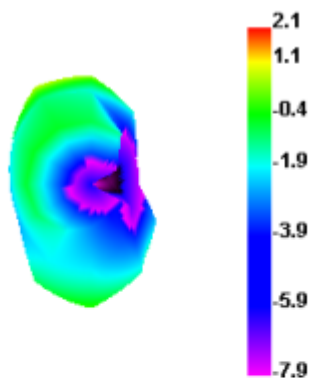
2600.000MHz E2



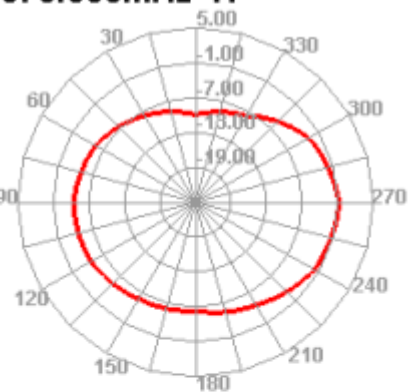
Effient (5G+2. 4G/5. 8G-WiFi/BT/GPS)

Effient (1575MHz)

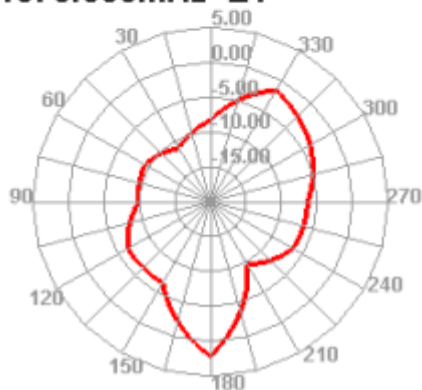
1575.000MHz



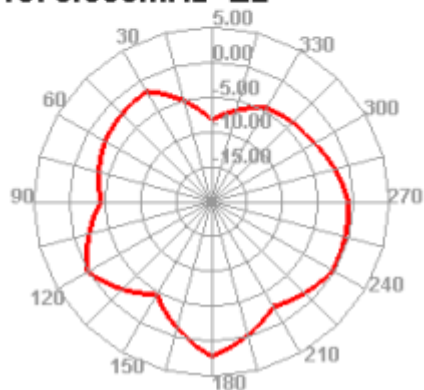
1575.000MHz H



1575.000MHz E1

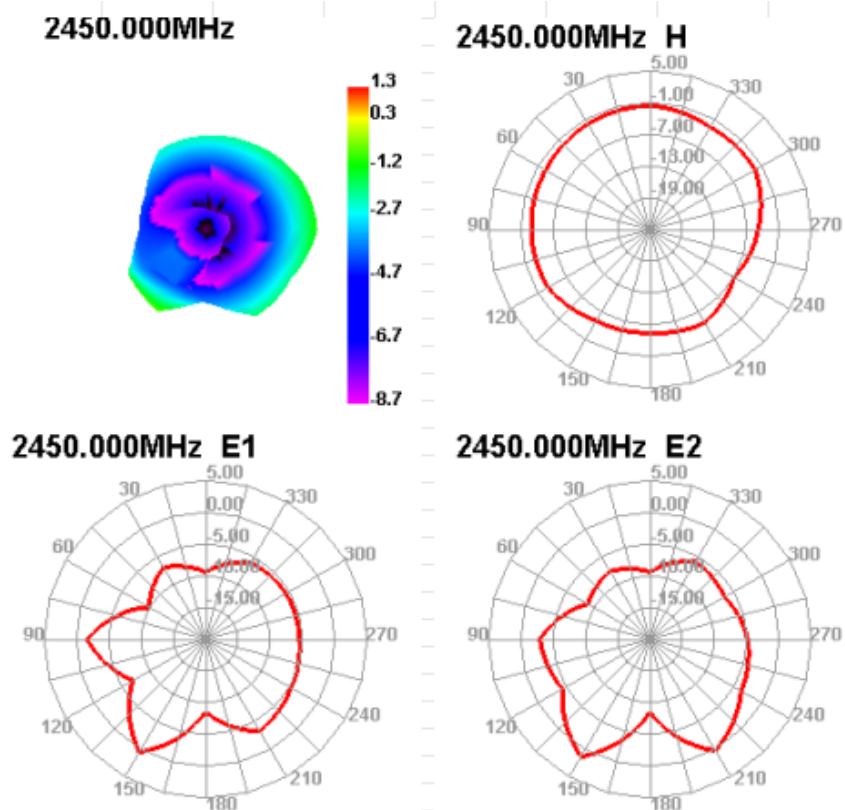


1575.000MHz E2





Effient (2400–2500MHz)



Effient (5150–5850MHz)

