

H24 Antenna RF R&D Report V2

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HONANT

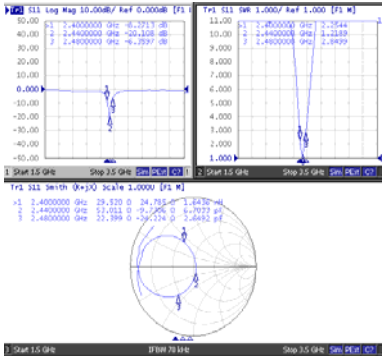
The main purpose of this report is to initially debug the antenna and test active and passive data.

The main conclusion of this report: The preliminary OTA data obtained through debugging.

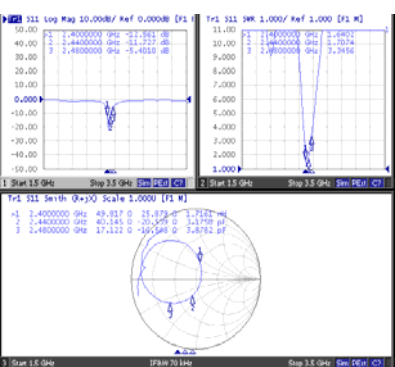
Key points to note in this report:

Antenna impedance parameter test situation

L

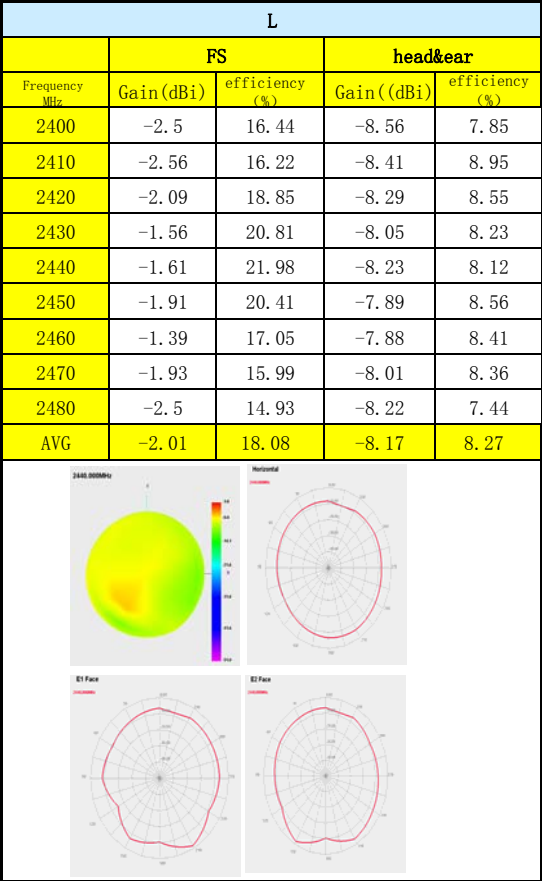


R

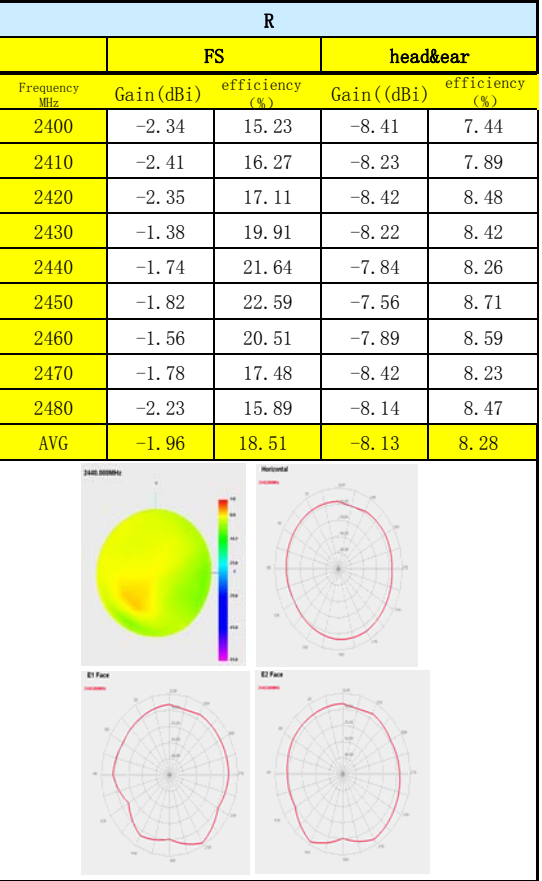


Antenna passive efficiency test situation (2D pattern)

L



R



Active test data of the entire machine								
L					R			
freedom	Channel	TRP (dBm)	TIS (dBm)		freedom	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	0.56	-83.41		R	CH 0	0.42	-82.56
	CH 39	1.48	-84.26			CH 39	1.96	-84.22
	CH 78	1.31	-85.47			CH 78	1.45	-85.34
head	Channel	TRP (dBm)	TIS (dBm)		head	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	-4.89	-78.66		R	CH 0	-4.71	-78.41
	CH 39	-4.62	-80.27			CH 39	-4.59	-80.23
	CH 78	-4.77	-79.68			CH 78	-4.8	-79.56

Antenna matching circuit

L

Element	Value
E1	2.0pF
E2	0Ω
E3	N/C

2.0pF

R

Element	Value
E1	2.0pF
E2	0Ω
E3	N/C

n and 2.0pF are processed in the s

Environmental treatment modification



Measured effect

Test phone	Samsung S6
Distance	13 meters
Test site	Huaqiang Ecological Park
Tester	Wu Jie

Summary

The antenna routing has been re-optimized, and the anti-interference test has improved. It will be verified upon the return of the sample

