



Antenna Part Specification

Project name:	DH30-D
Material category:	Dongle antenna
Manufacturer:	Shenzhen Cicent Communication Technology Co., Ltd.
Manufacturer address:	505-506 ,A Block,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
Version:	V1.0
Date:	2025.7.1



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Change record			
Compile / change date	Reason for change	Changed content	Version
2025.7.1	First edition	First edition	V1.0

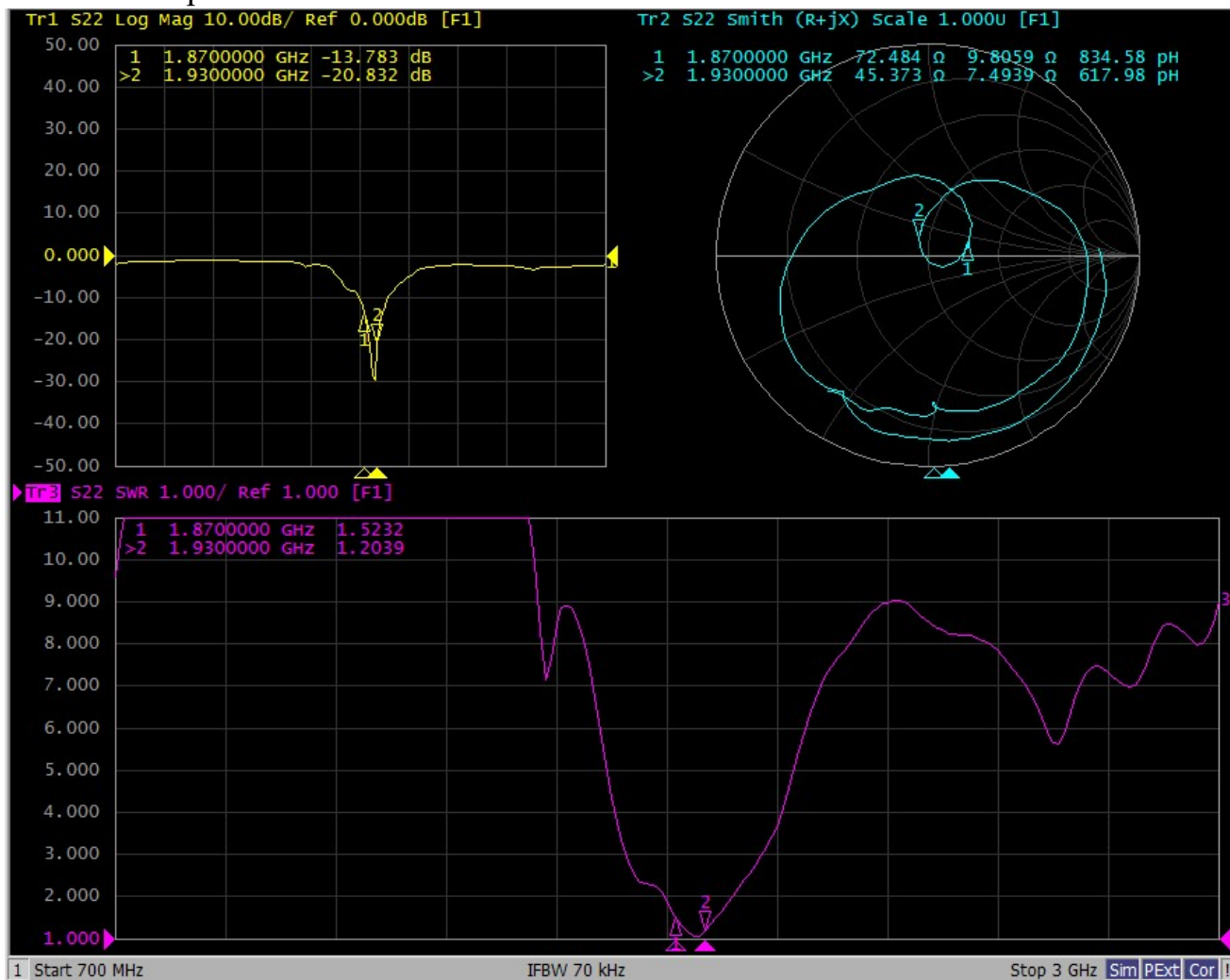


I: The report of passive data



Angilent E5071C

antenna S11 parameter:

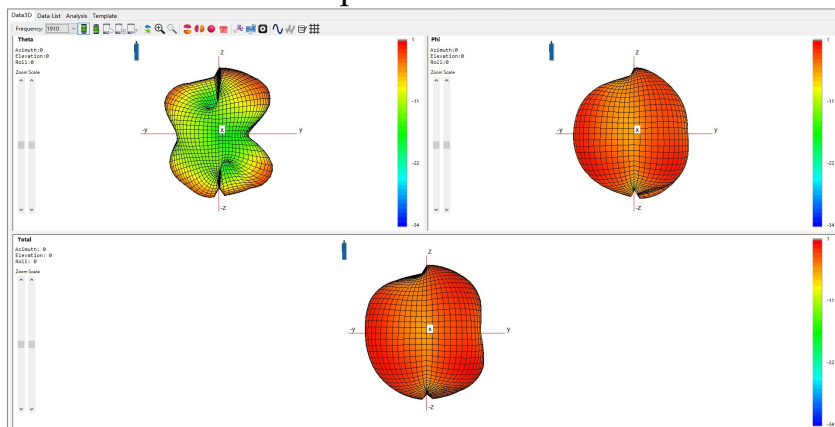




Efficiency:

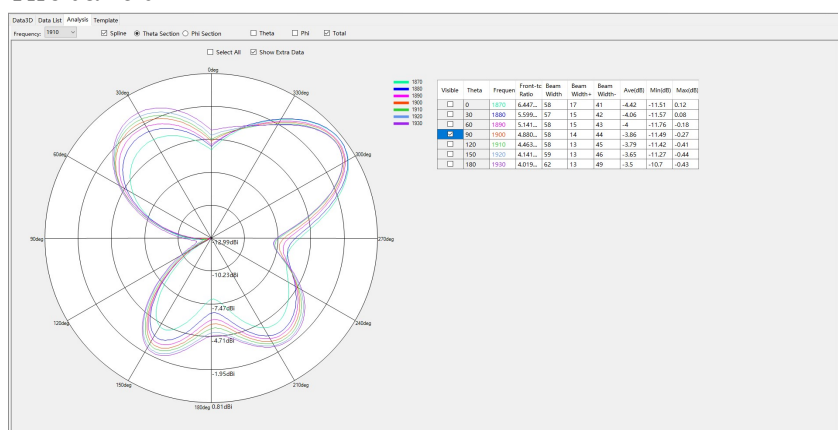
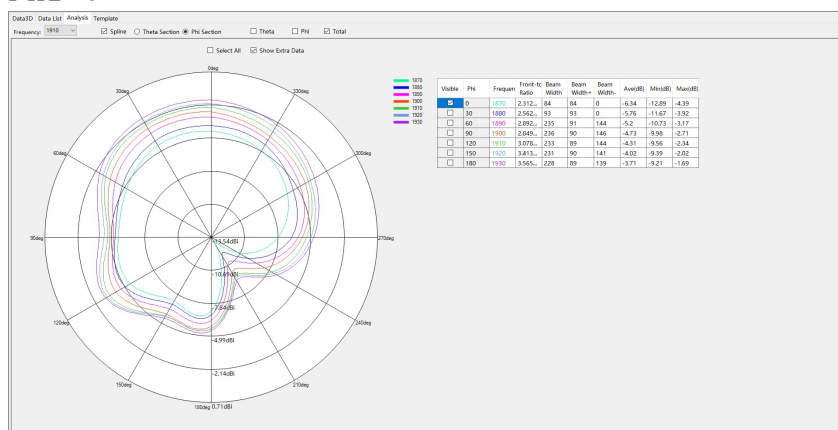
DECT 1870-1930 MHz (FS)			
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
1870	47.6	-3.2	0.1
1880	48.5	-3.2	0.1
1890	49.0	-3.1	-0.2
1900	50.0	-3.0	-0.1
1910	51.4	-2.9	0.4
1920	52.2	-2.8	0.5
1930	53.7	-2.7	0.6
AVG	50.3	-3.0	0.2

3D Antenna radiation pattern:

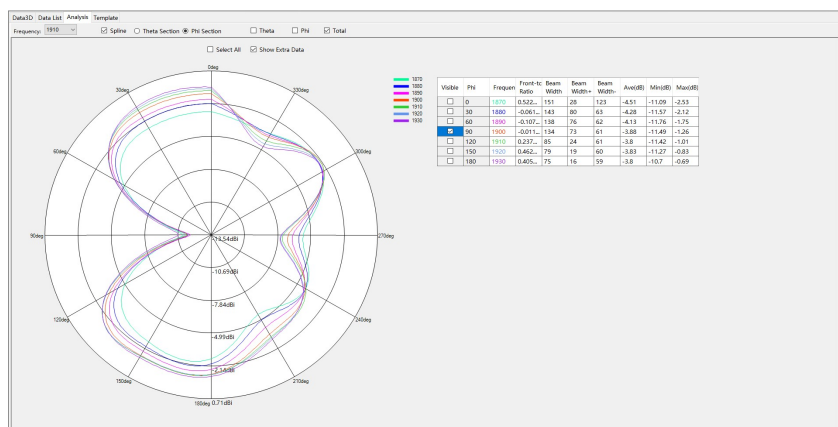


2D Antenna radiation pattern:

Theta=90°

 $\Phi=0^\circ$ 

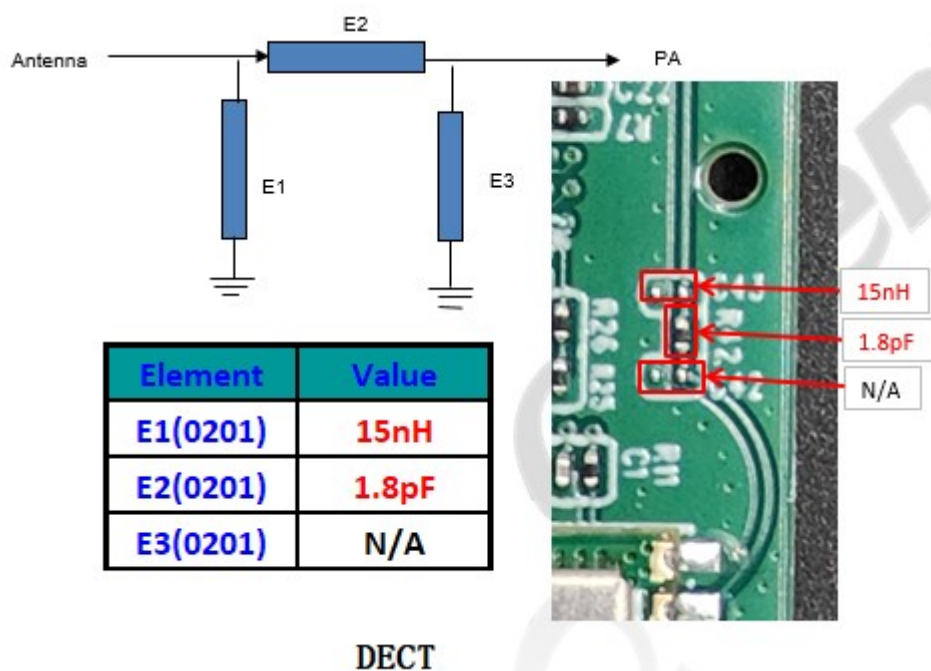
Phi=90°





OTA Standard Chamber

II: Matching circuit





III: Antenna structure diagram file

