



Professional antenna serviceprovider

SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.

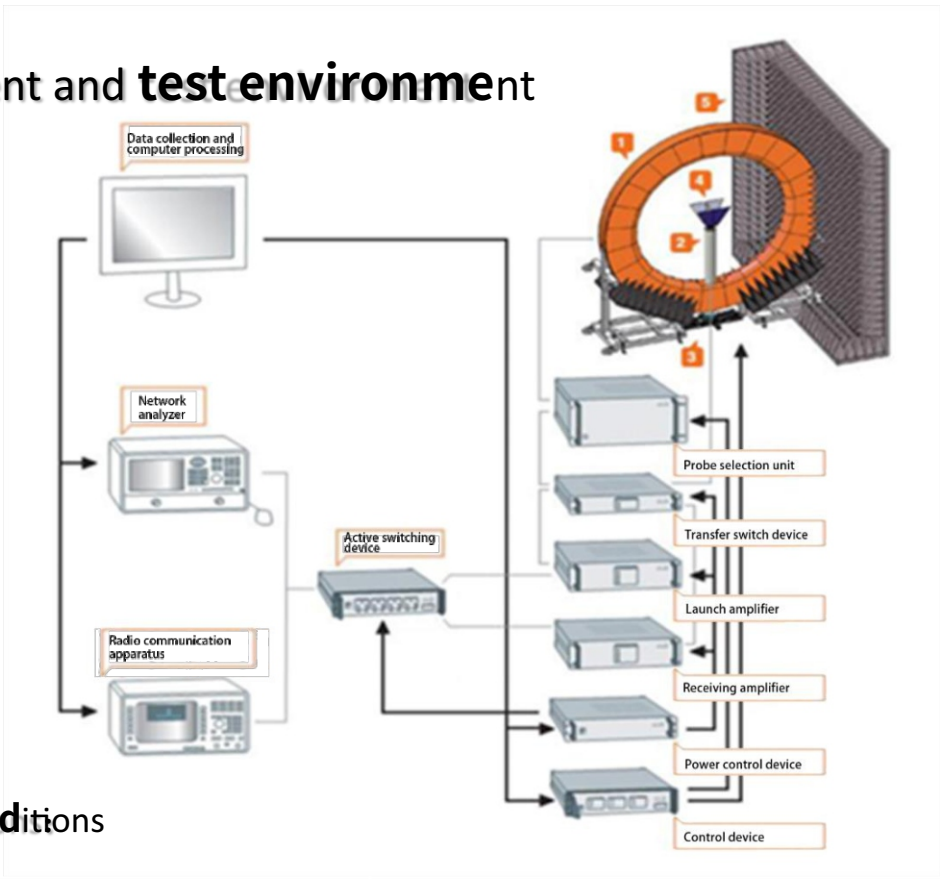


Antenna test report

Antenna Manufacturer	Shenzhen Delanda Technology Co., Ltd
Antenna model	D27
Testing Company	Shenzhen Feimin Technology Co., Ltd
Testers	Yue e wei
Auditors	Xing xi Xia
Date	2026-03-10



Test equipment and test environment

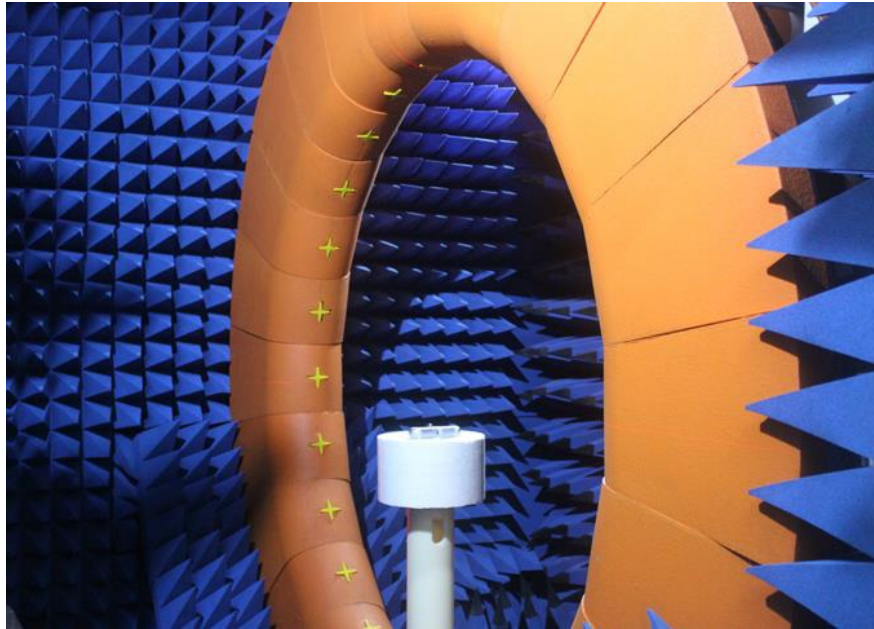


Test Environment Conditions

RelativeHumidity	15 ... 75 %
Temperature	+10° C~+30° C
Voltage of the EUT	N/A



Test equipment



Probe microwave anechoic
chamber

Frequency Range : 0.4GHz-
6GHz

Main test indicators

Passive indicators

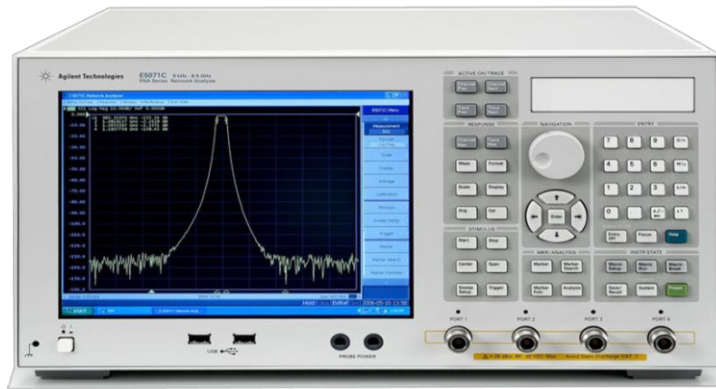
Gain
effectiveness
3D pattern

Active indicator

TRP total radiated power
TIS total receiving sensitivity



Test equipment



Agilent E5071C Vector network analyzer
Frequency Range : 300 kHz - 8.5GHz



R&S CMW500 Broadband wireless communication
tester
GSM/3G/4G
WIFI/ Bluetooth
NB-IoT

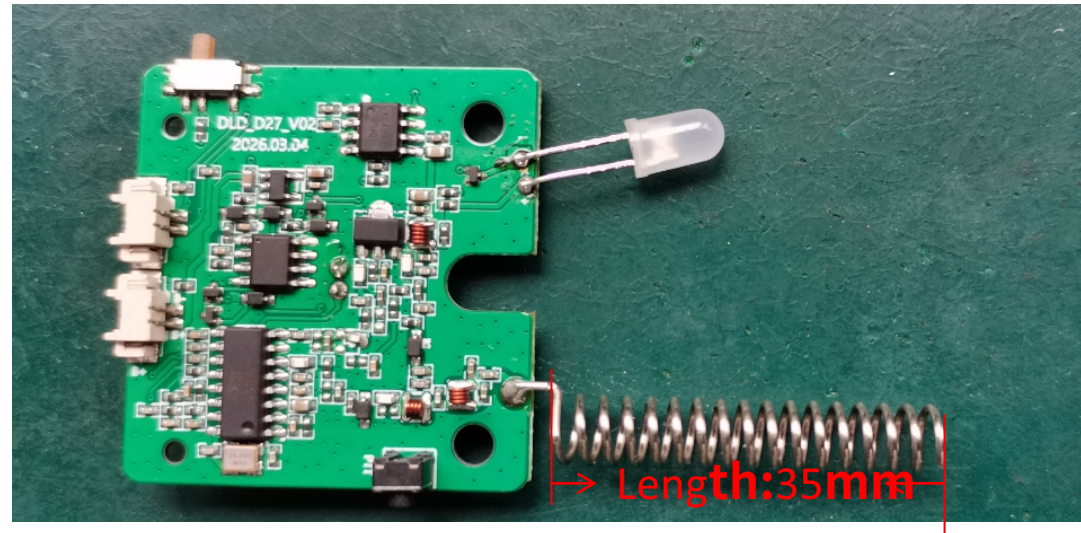


Test photos





Passive antenna data



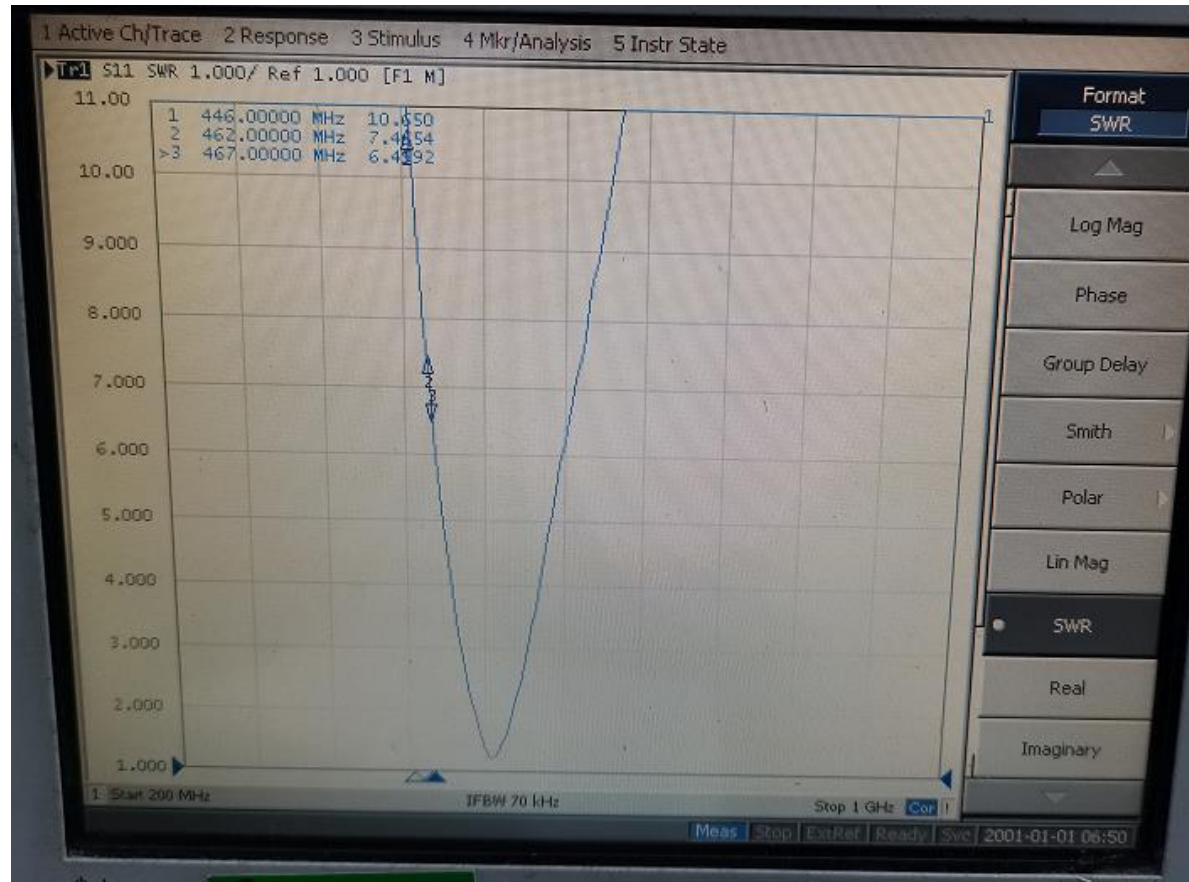
External diameter: 6.6mm

Line diameter: 0.8mm

Number of turns: 17T

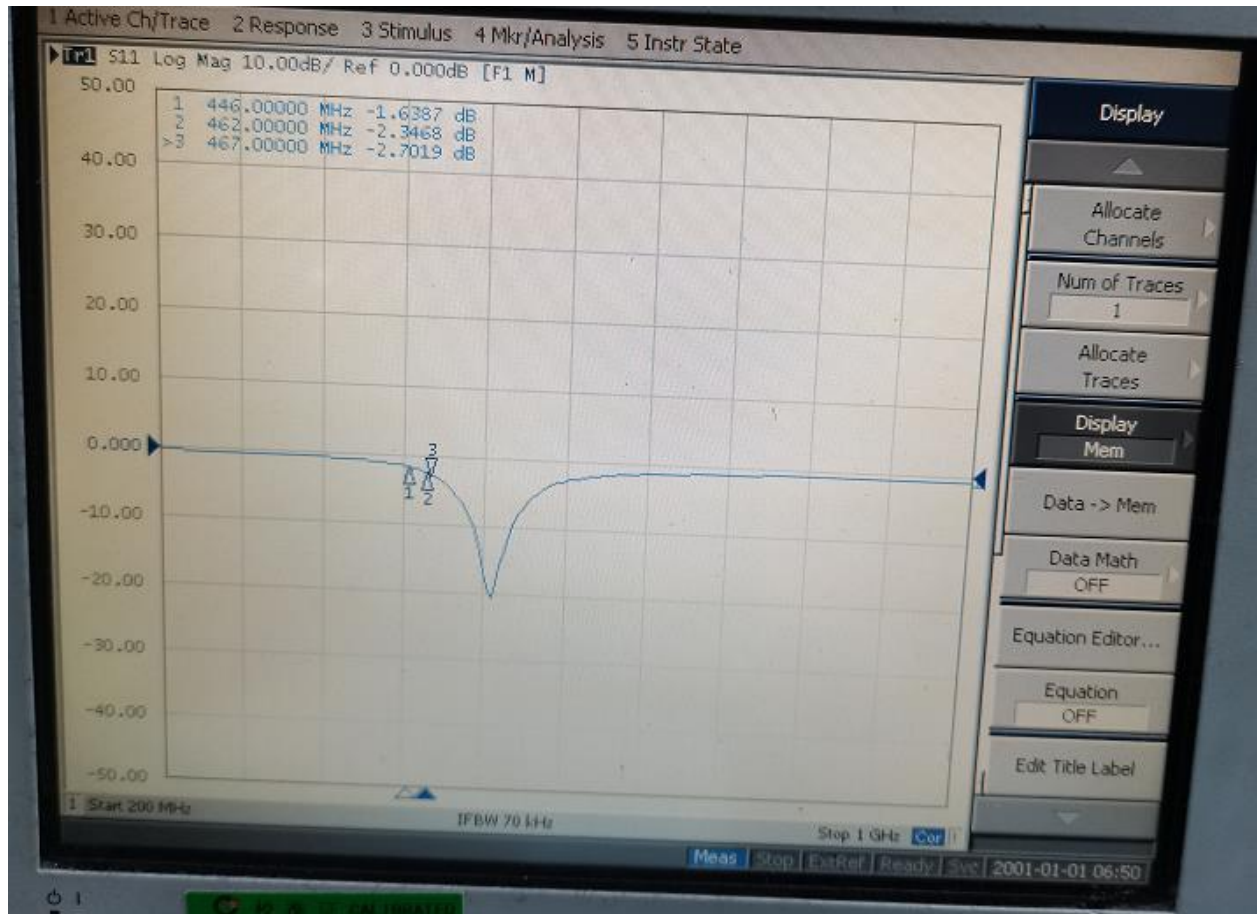


Antenna SWR





Antenna Returnloss



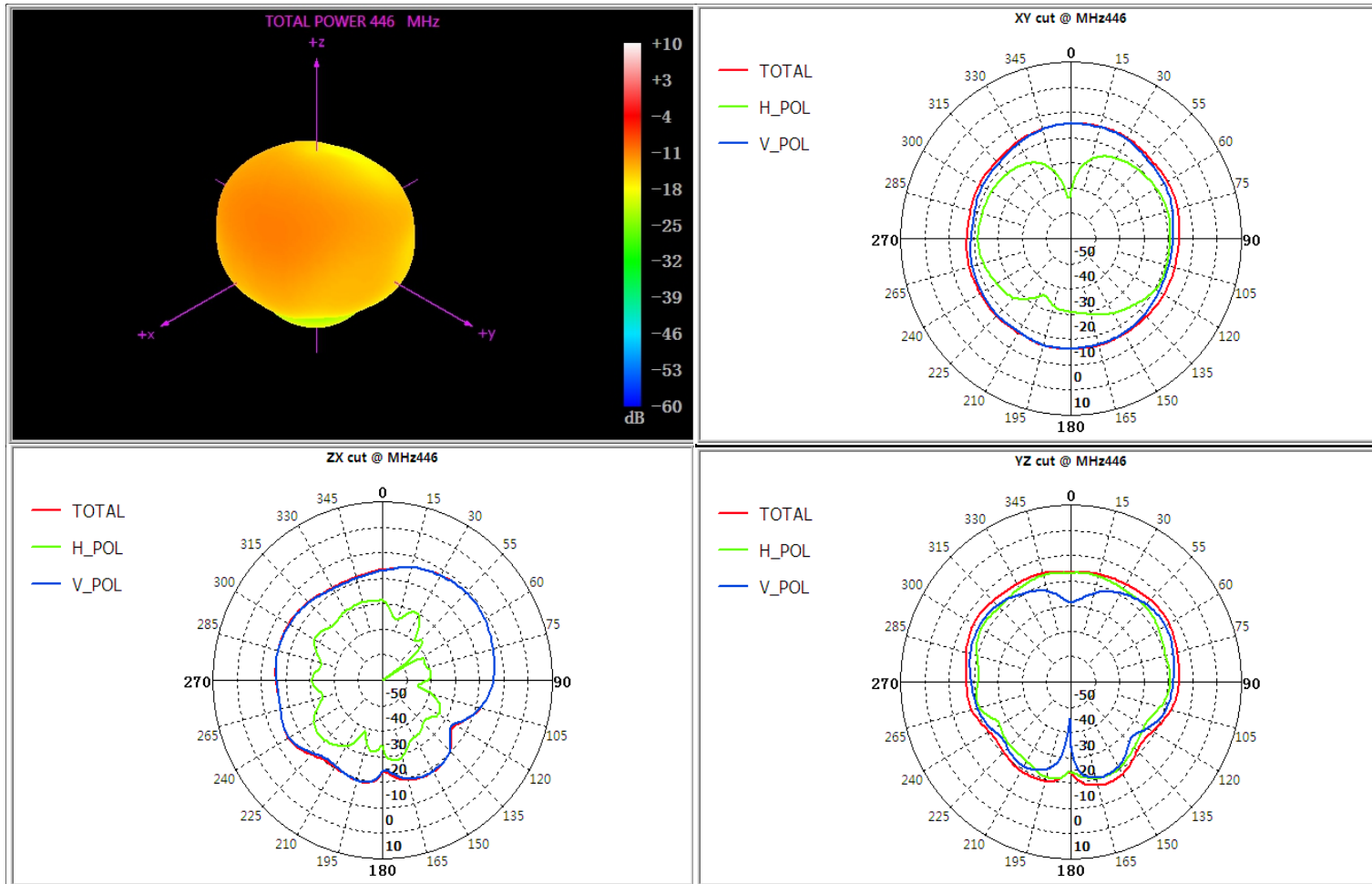


Antenna gain and efficiency

Antenna		
Freq(MHz)	Efficiency (%)	Gian(dBi)
446 MHz	3.57	-11.87
462 MHz	4.47	-10.18
467 MHz	5.73	-9.63

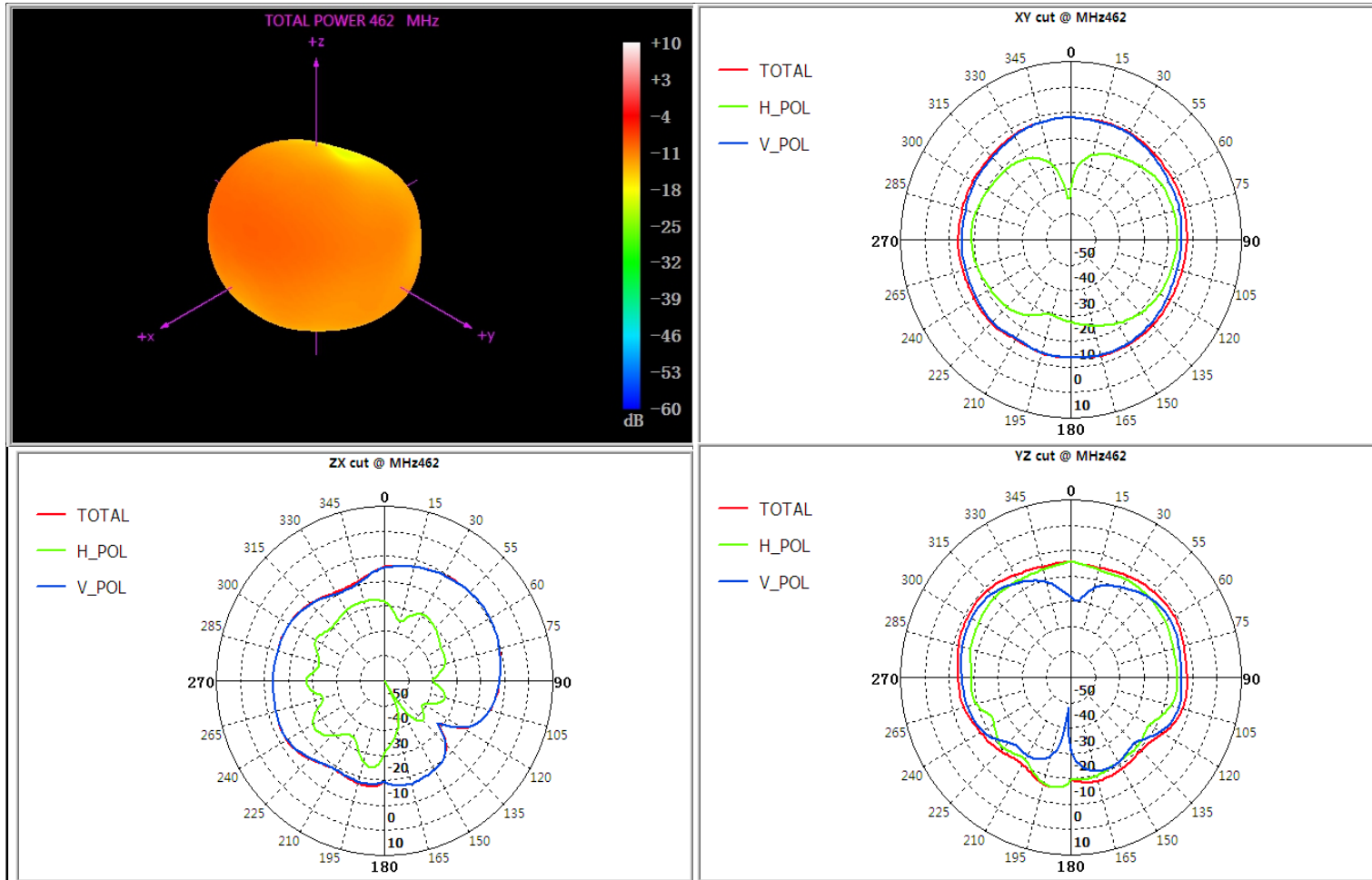


Antenna Radiation Pattern



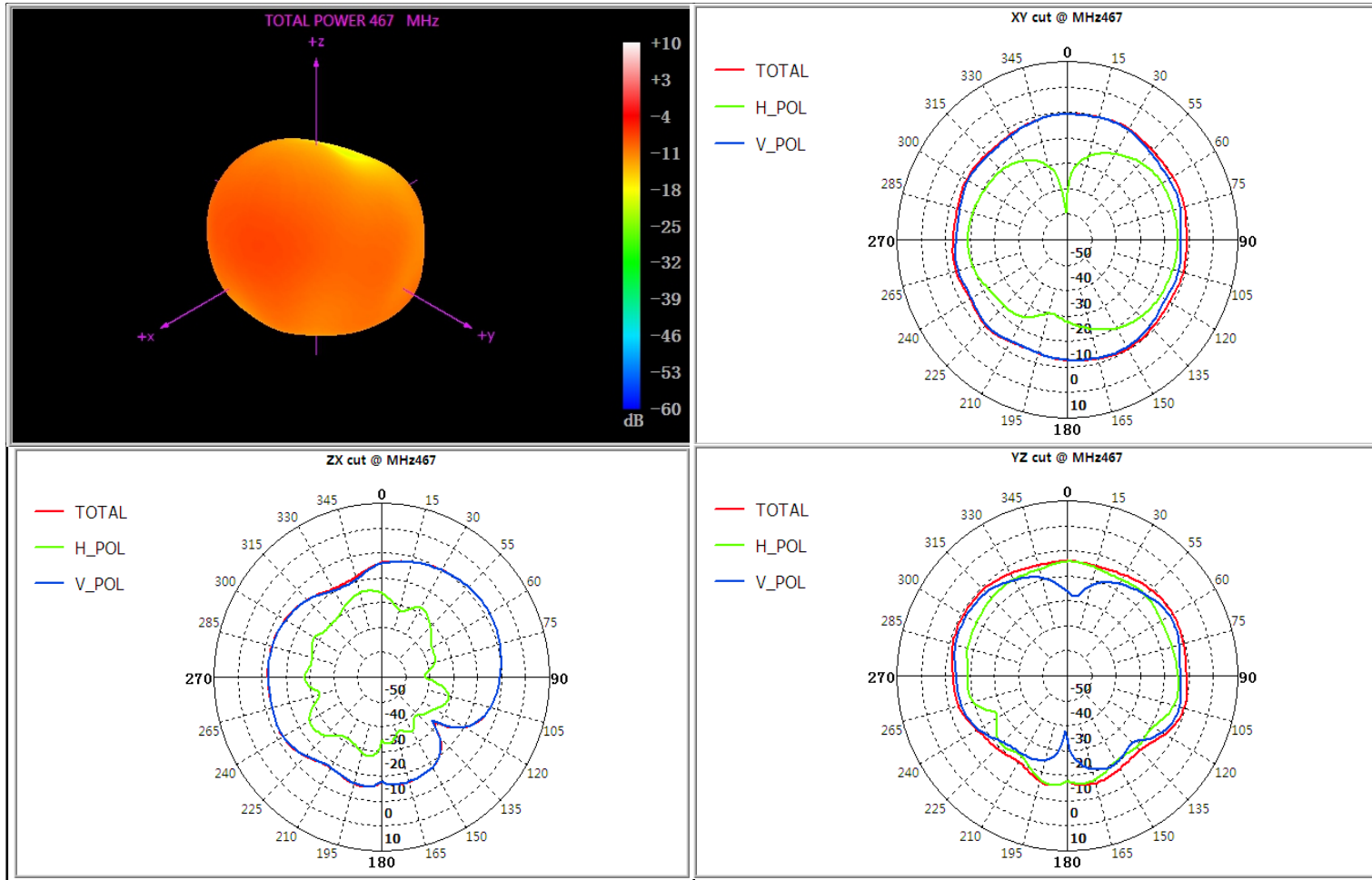


Antenna Radiation Pattern





Antenna Radiation Pattern



Thanks for your support!

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