

LITE-ON TECHNOLOGY CORPORATION

A World-Class Excellence Company

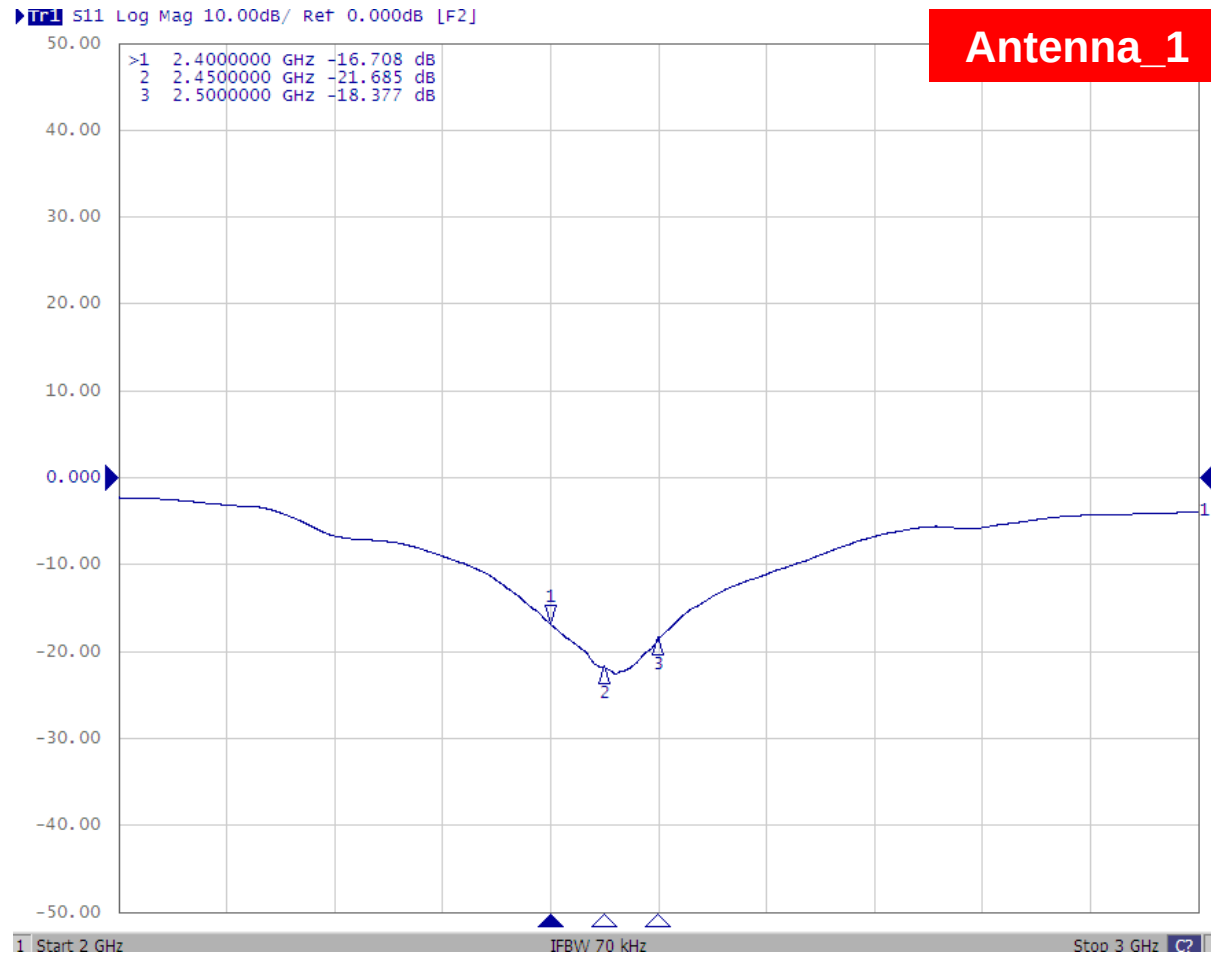
成為世界級卓越的公司

Wyze WiFi6 Antenna Pattern

2022/1/25

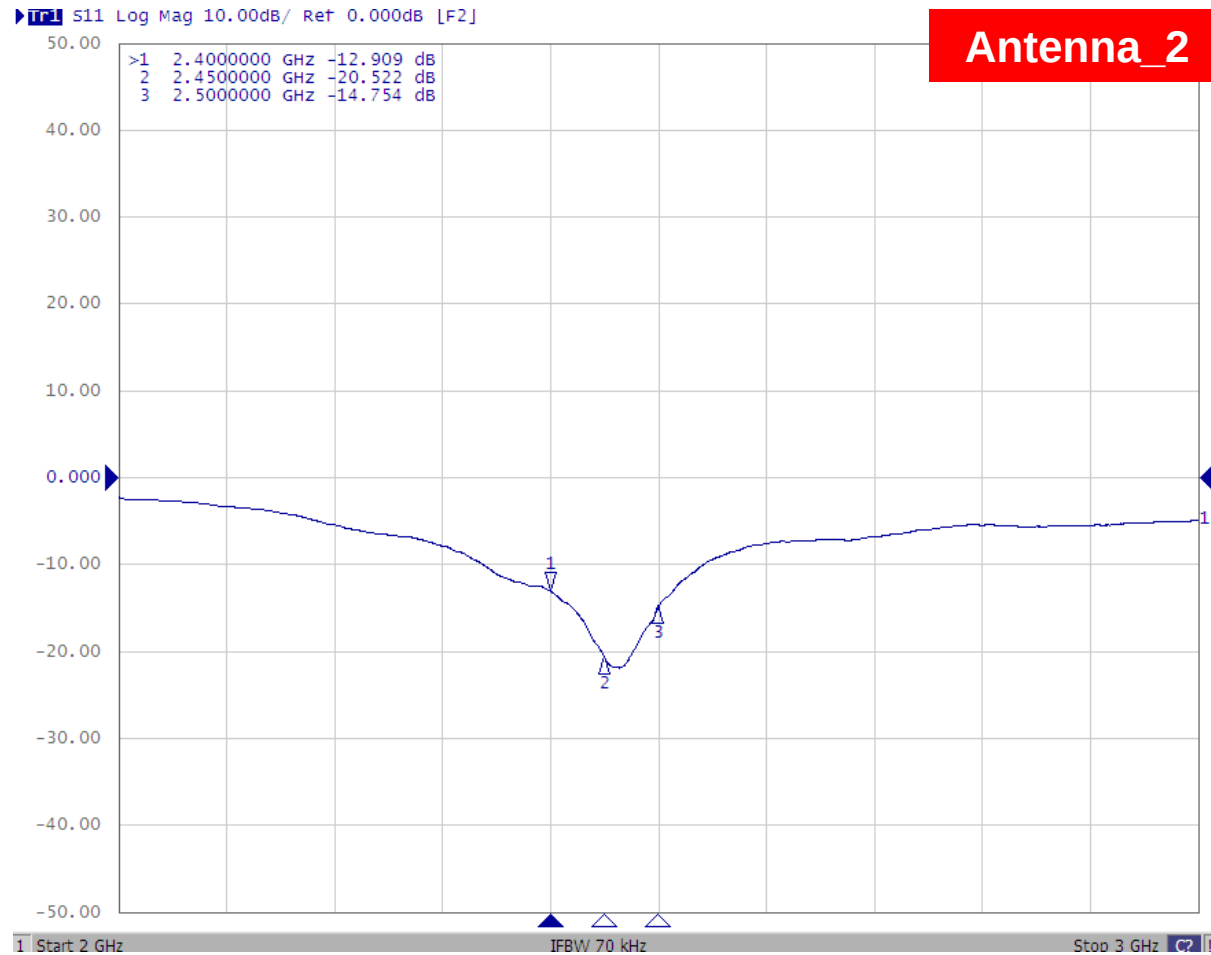
2. Antenna Characteristics

2.1 Return Loss



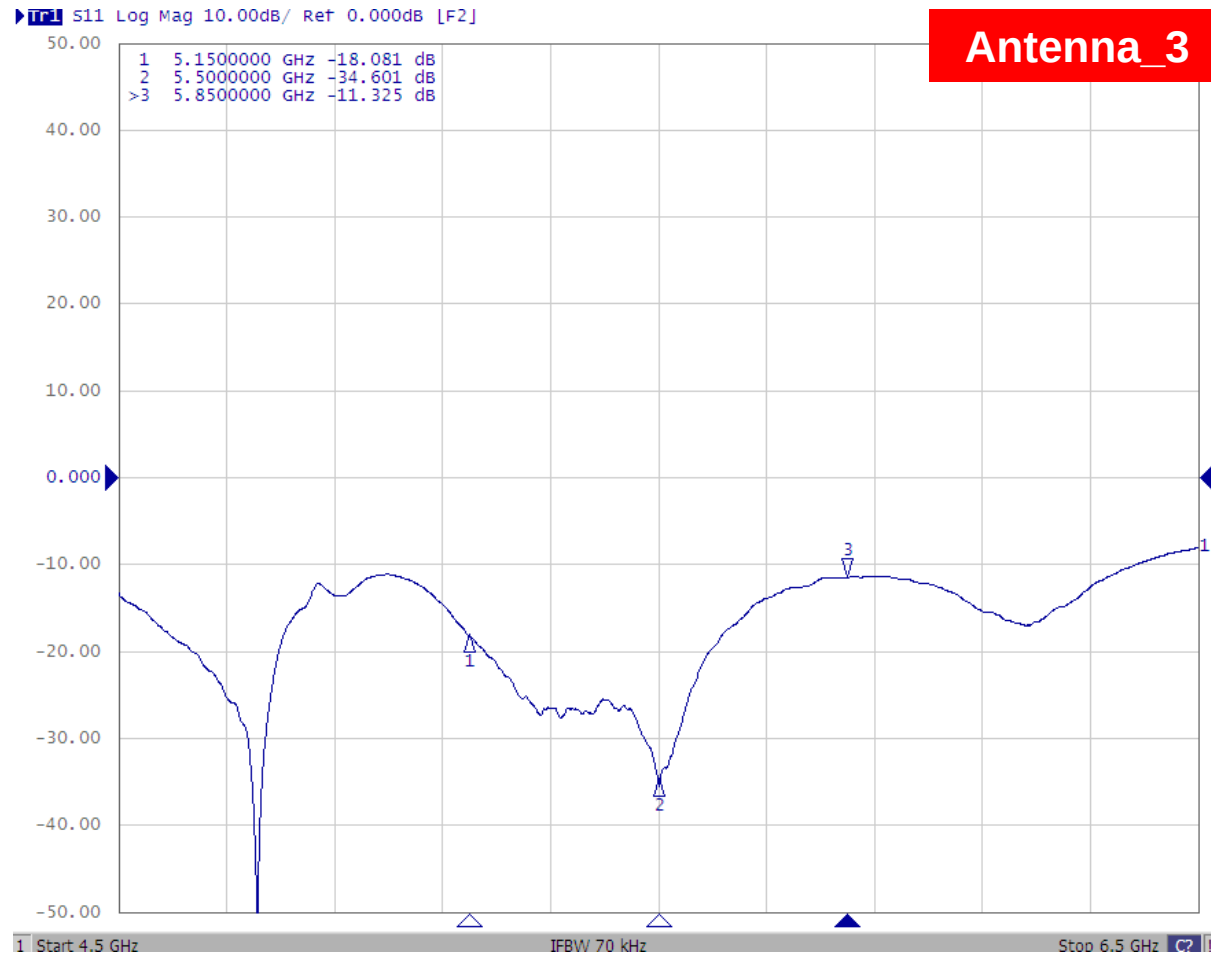
2. Antenna Characteristics

2.1 Return Loss



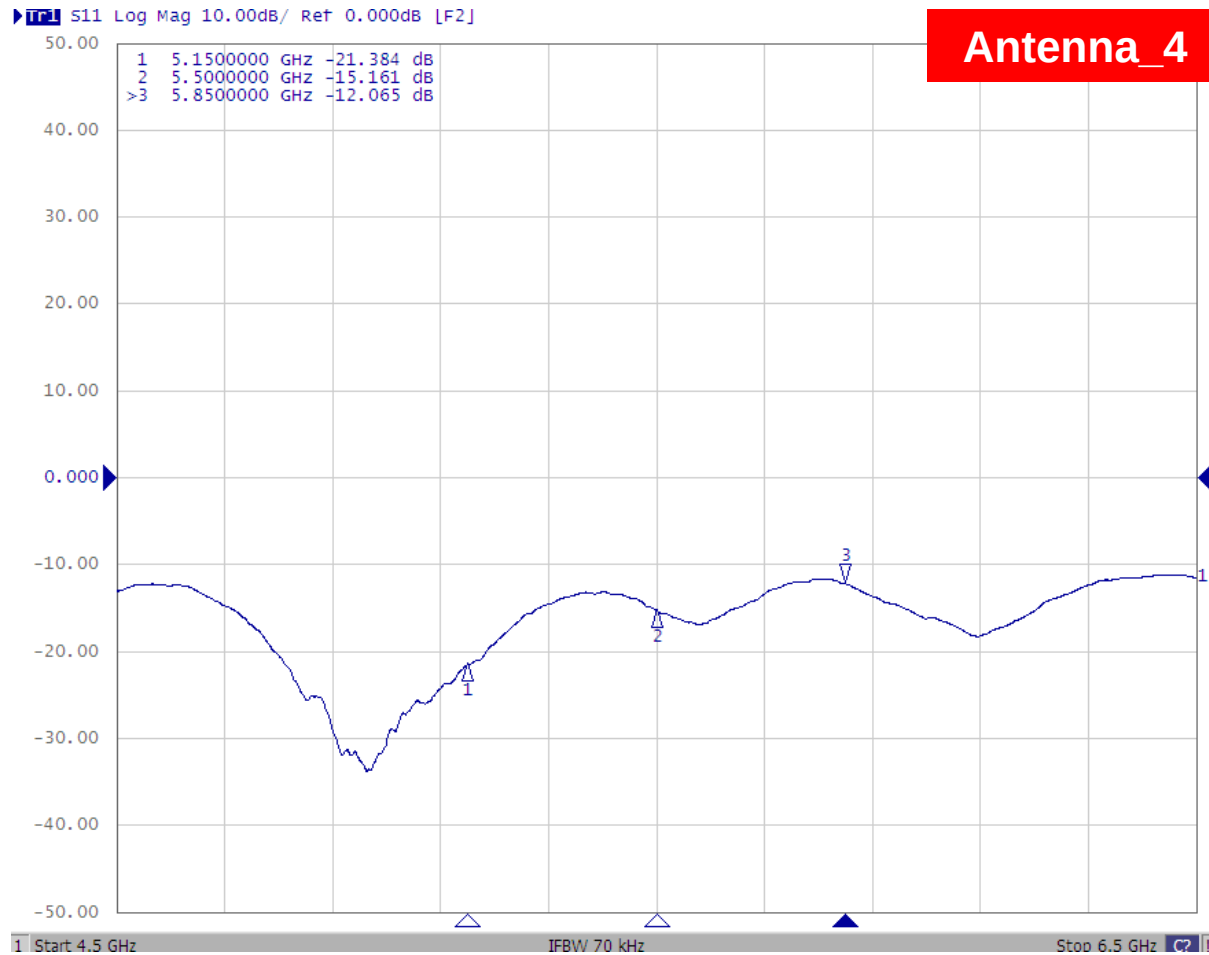
2. Antenna Characteristics

2.1 Return Loss



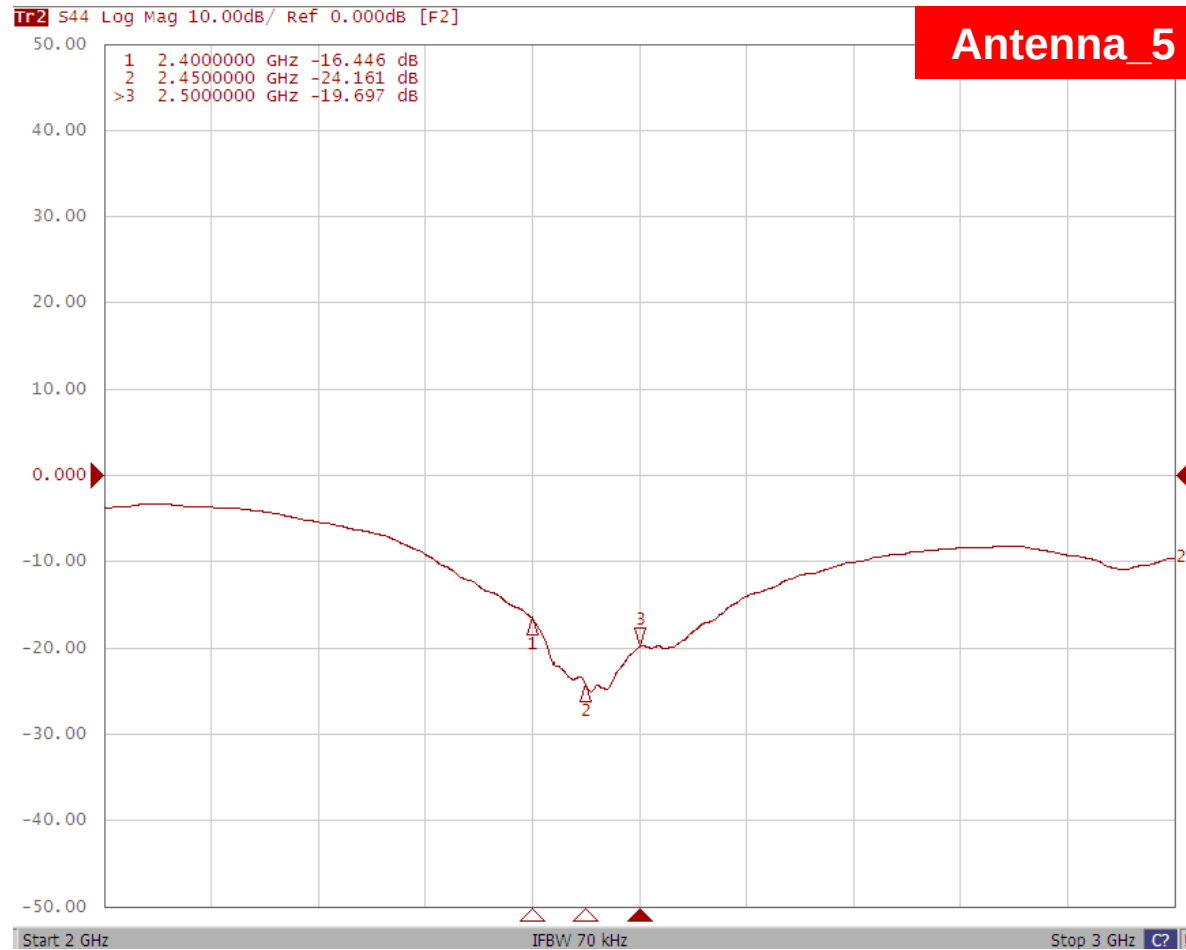
2. Antenna Characteristics

2.1 Return Loss



2. Antenna Characteristics

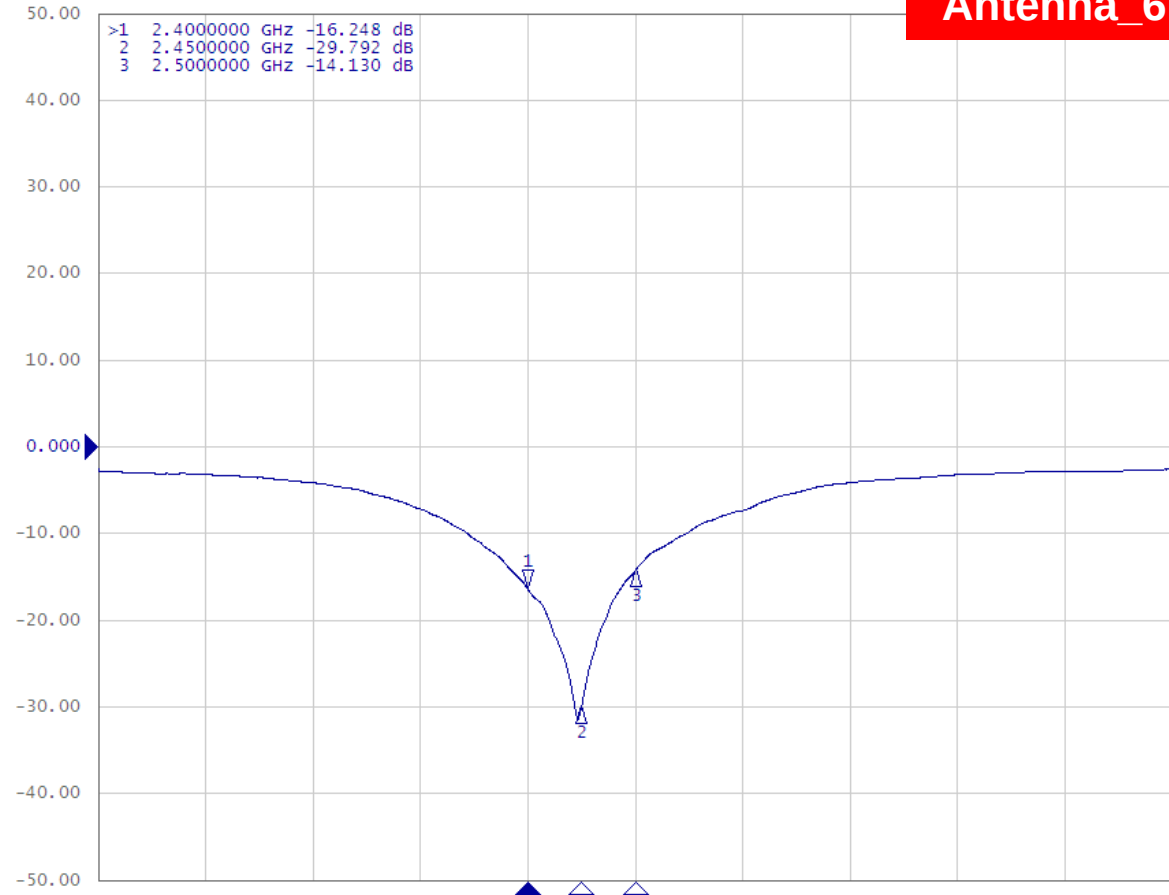
2.1 Return Loss



2. Antenna Characteristics

2.1 Return Loss

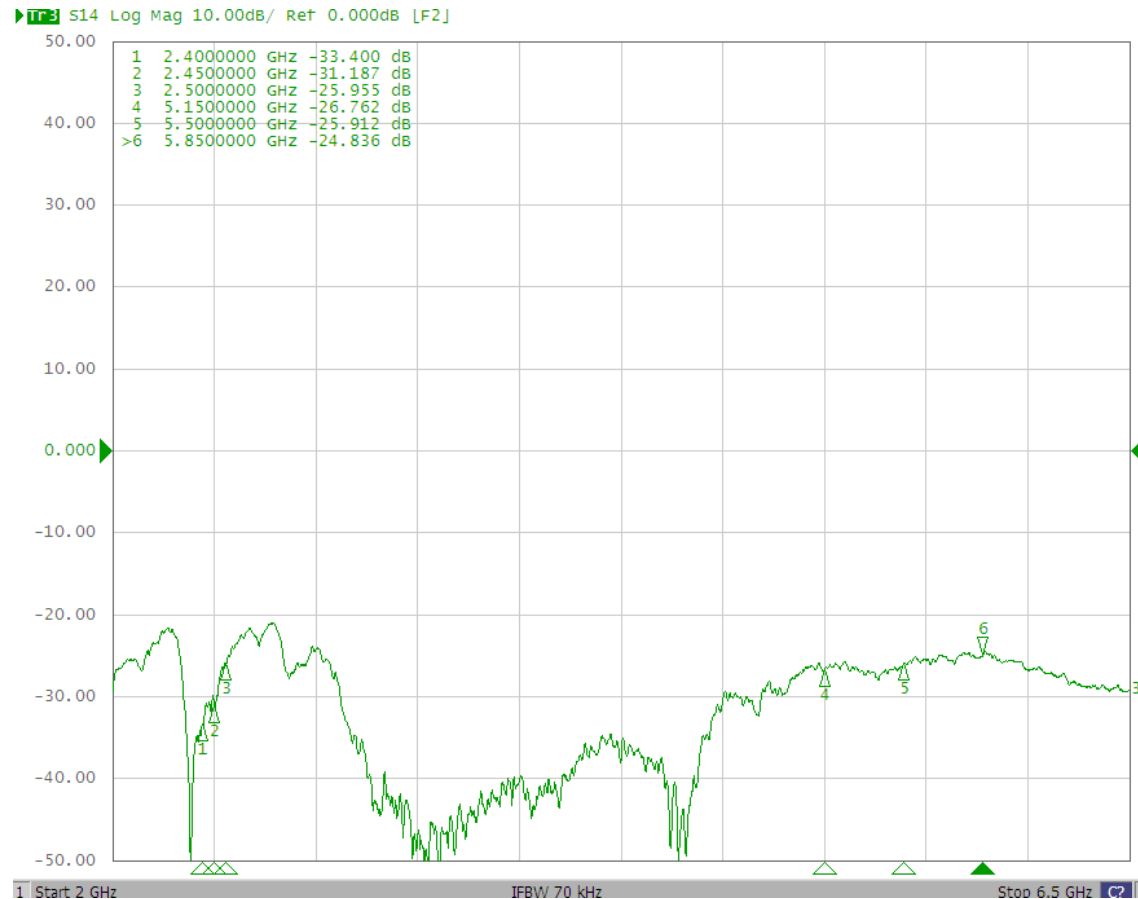
Tr1 S44 Log Mag 10.00dB/ Ref 0.000dB [F2]



2. Antenna Characteristics

2.1 Isolation

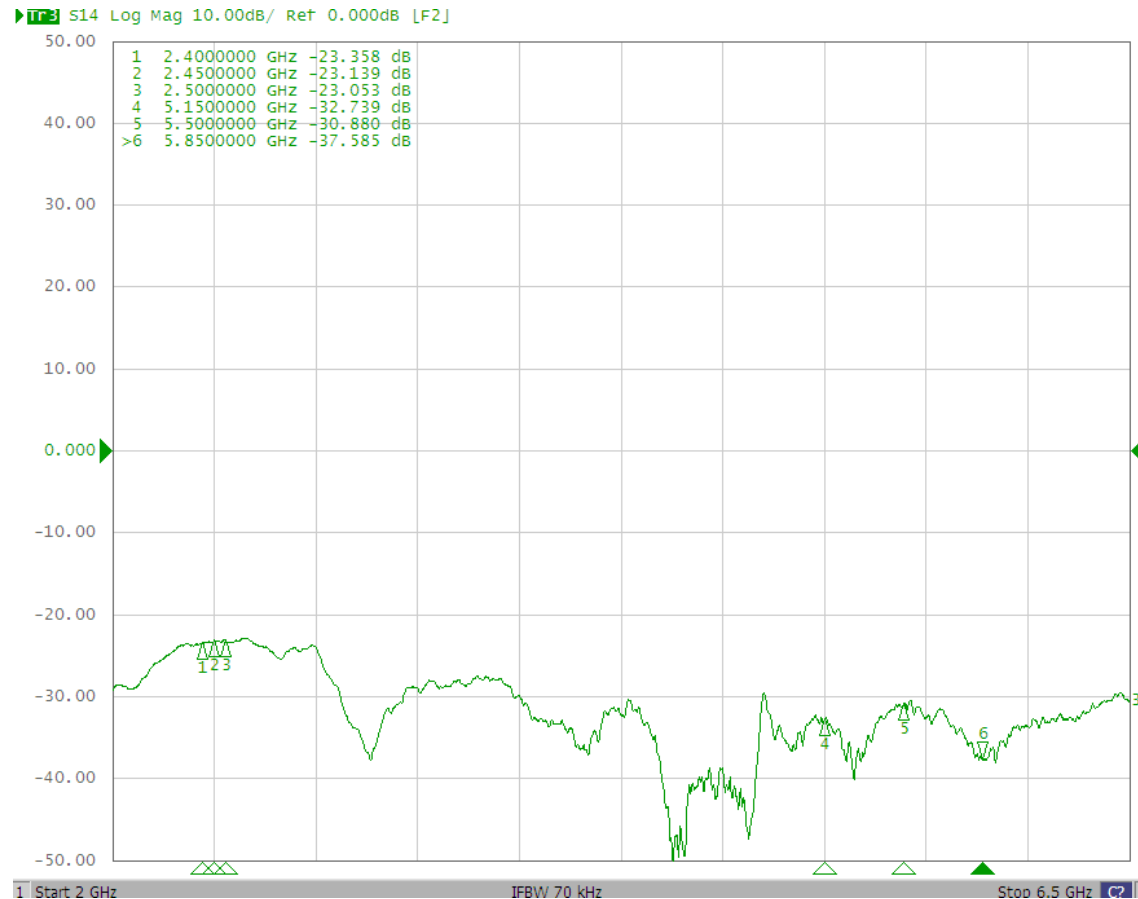
Antenna_1 & Antenna_2 Isolation



2. Antenna Characteristics

2.1 Isolation

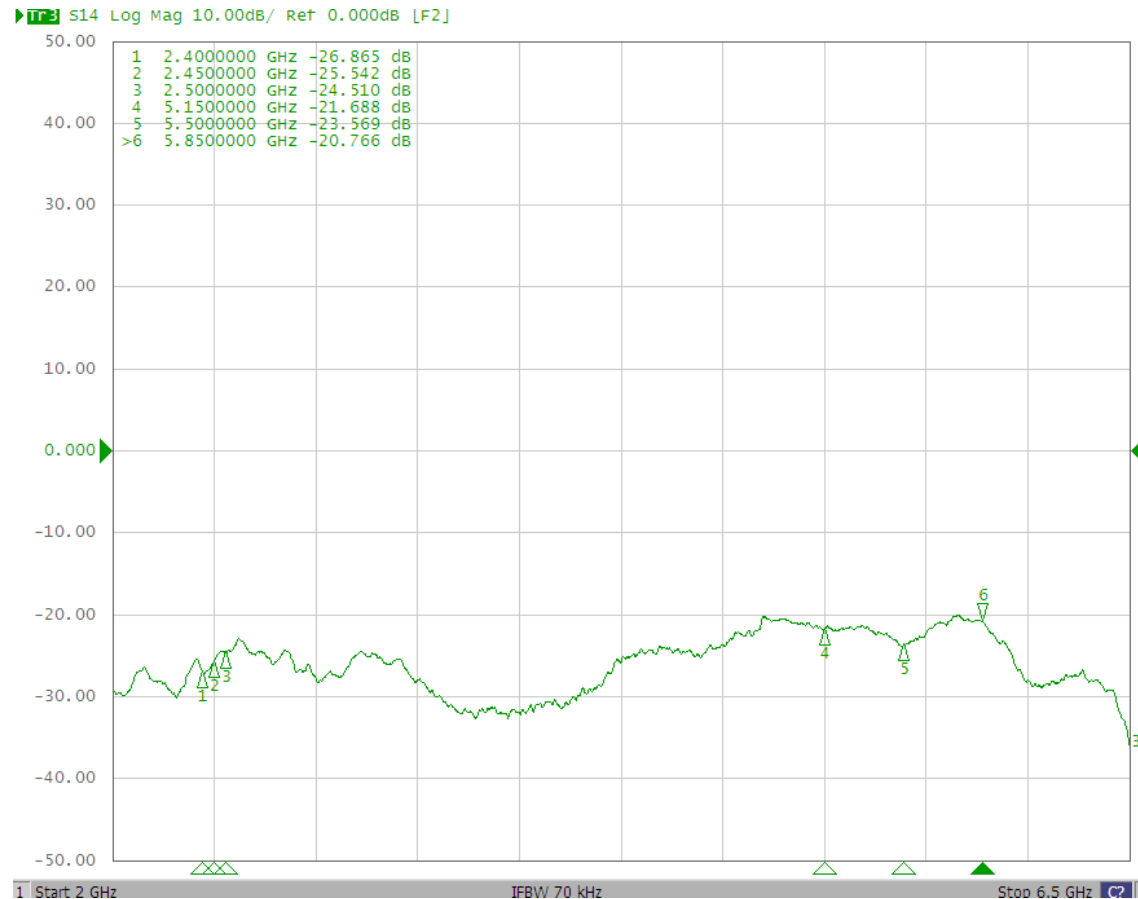
Antenna_1 & Antenna_3 Isolation



2. Antenna Characteristics

2.1 Isolation

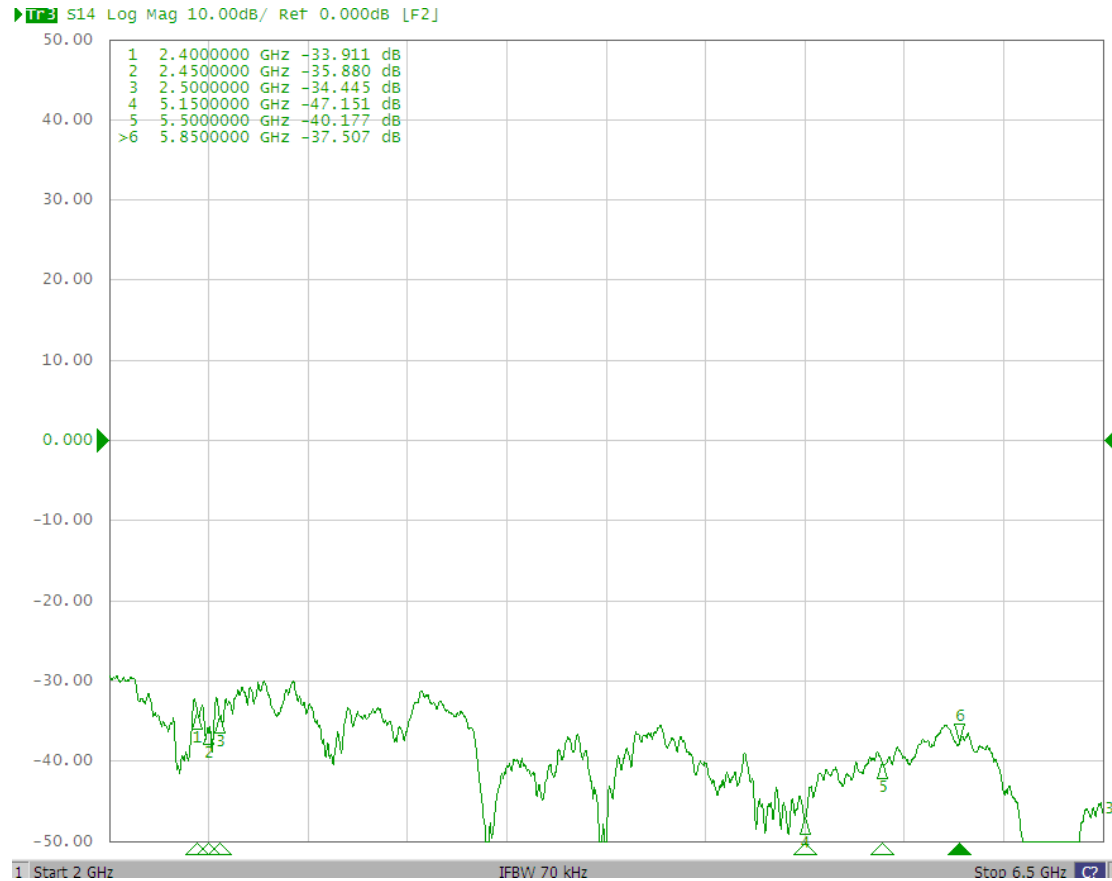
Antenna_1 & Antenna_4 Isolation



2. Antenna Characteristics

2.1 Isolation

Antenna_1 & Antenna_5 Isolation

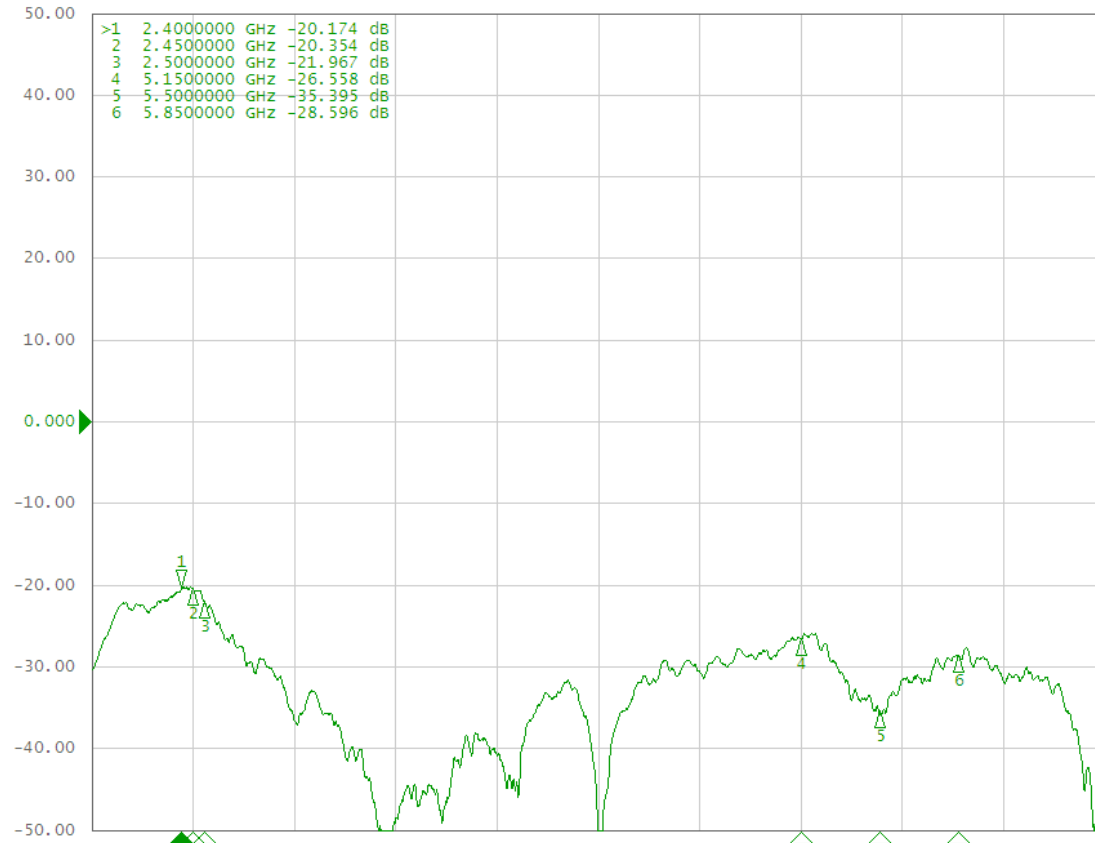


2. Antenna Characteristics

2.1 Isolation

Antenna_1 & Antenna_6 Isolation

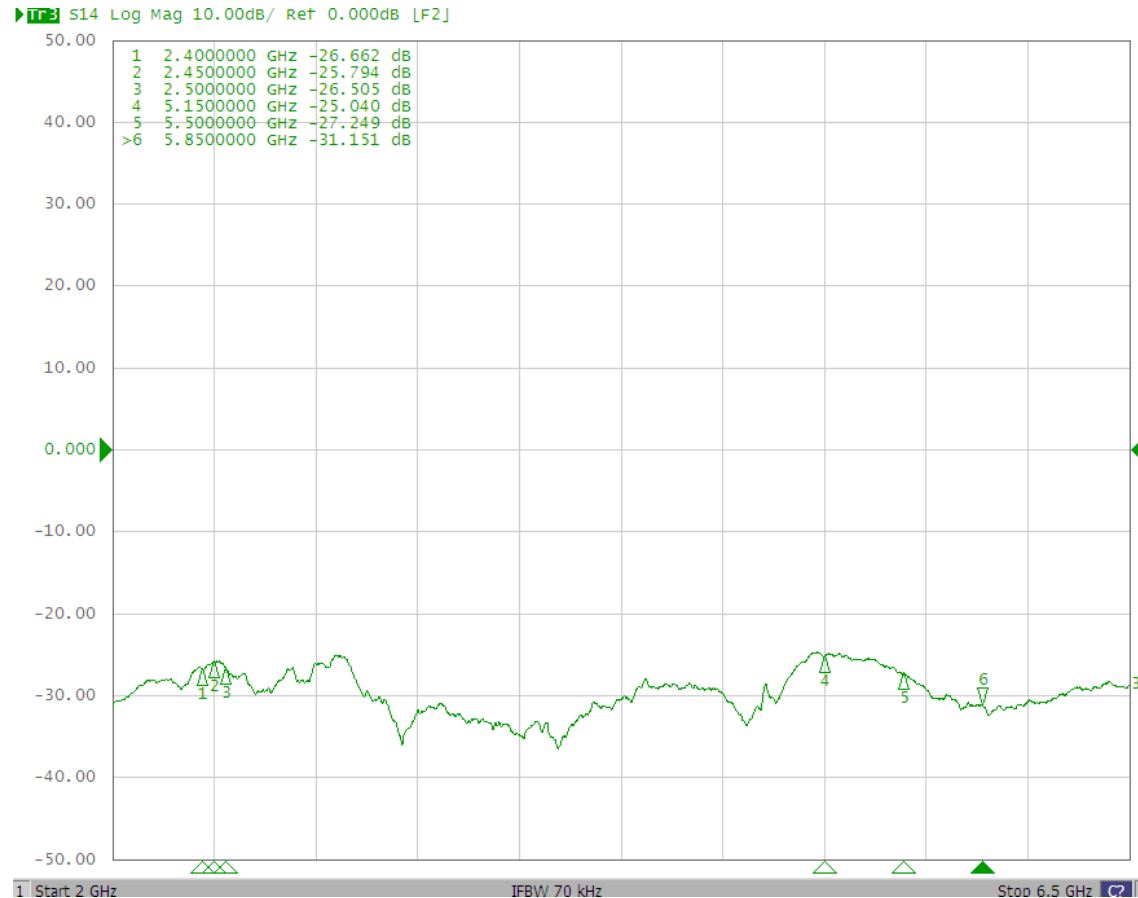
Tr3 S41 Log Mag 10.00dB/ Ref 0.000dB [F2]



2. Antenna Characteristics

2.1 Isolation

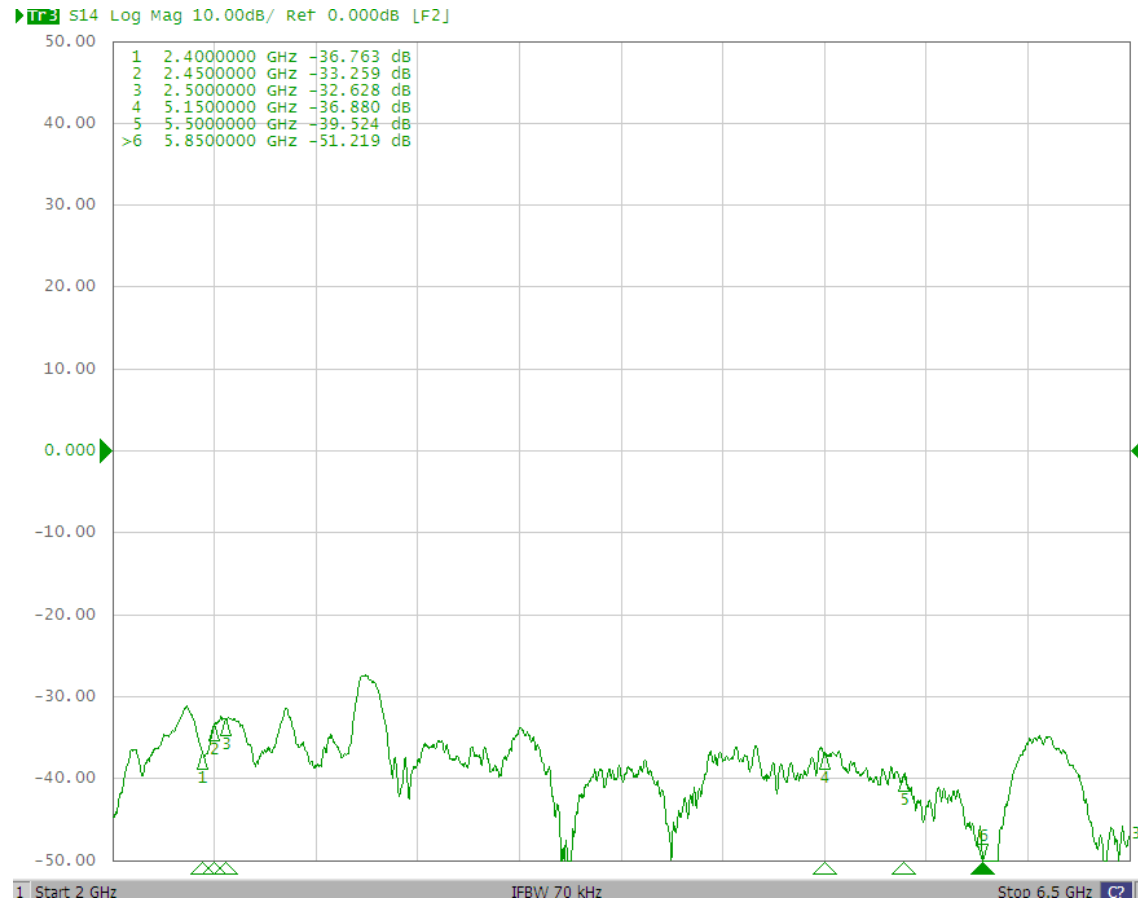
Antenna_2 & Antenna_3 Isolation



2. Antenna Characteristics

2.1 Isolation

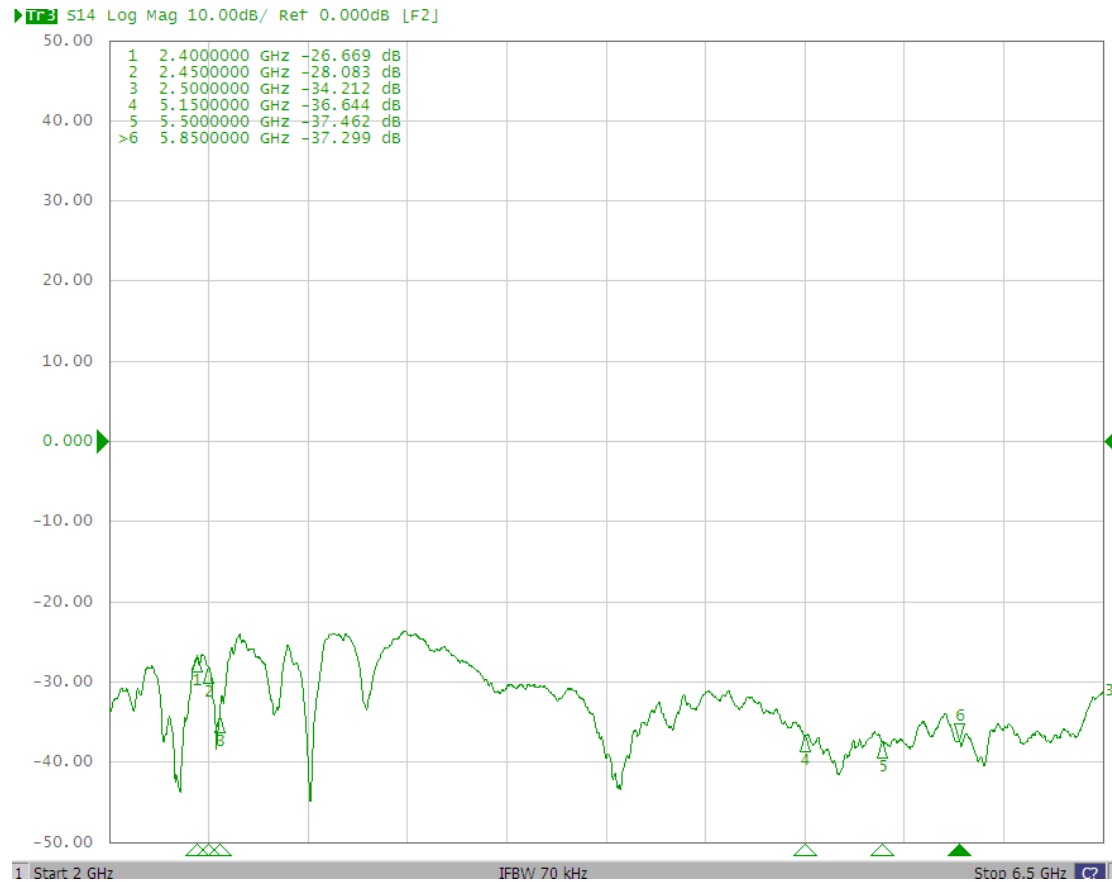
Antenna_2 & Antenna_4 Isolation



2. Antenna Characteristics

2.1 Isolation

Antenna_2 & Antenna_5 Isolation

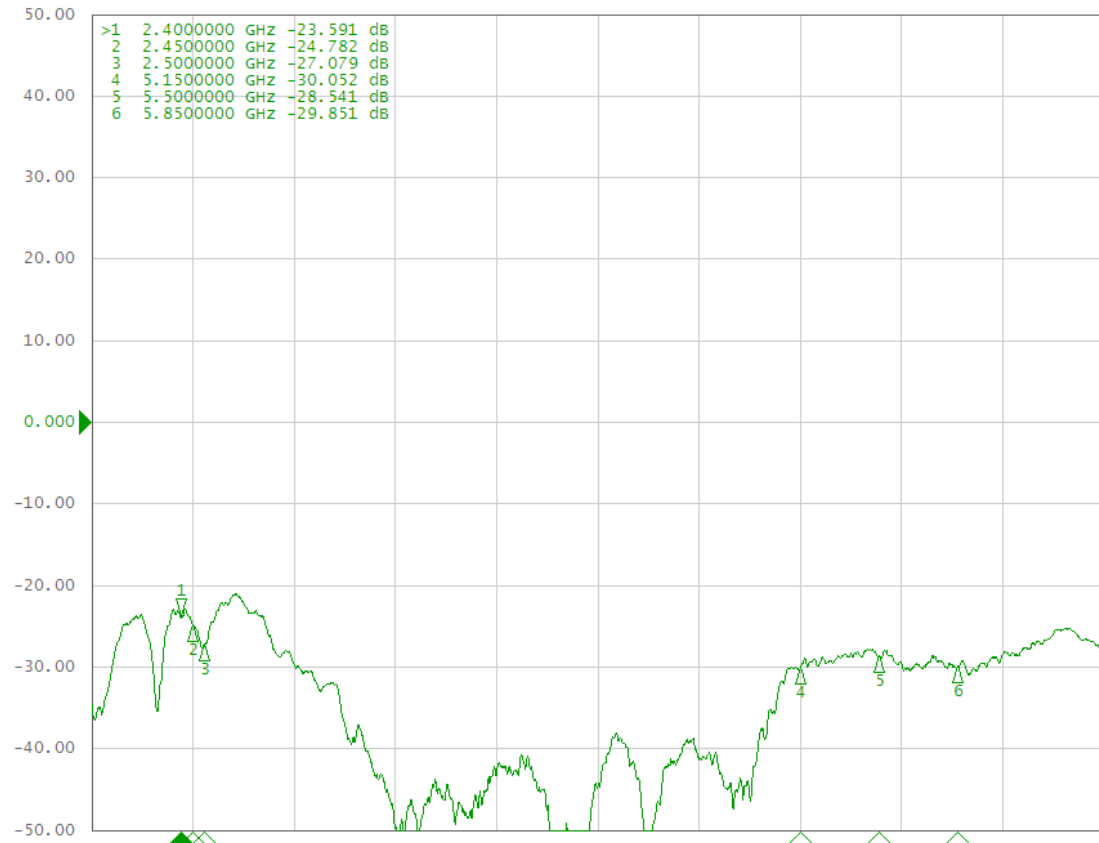


2. Antenna Characteristics

2.1 Isolation

Antenna_2 & Antenna_6 Isolation

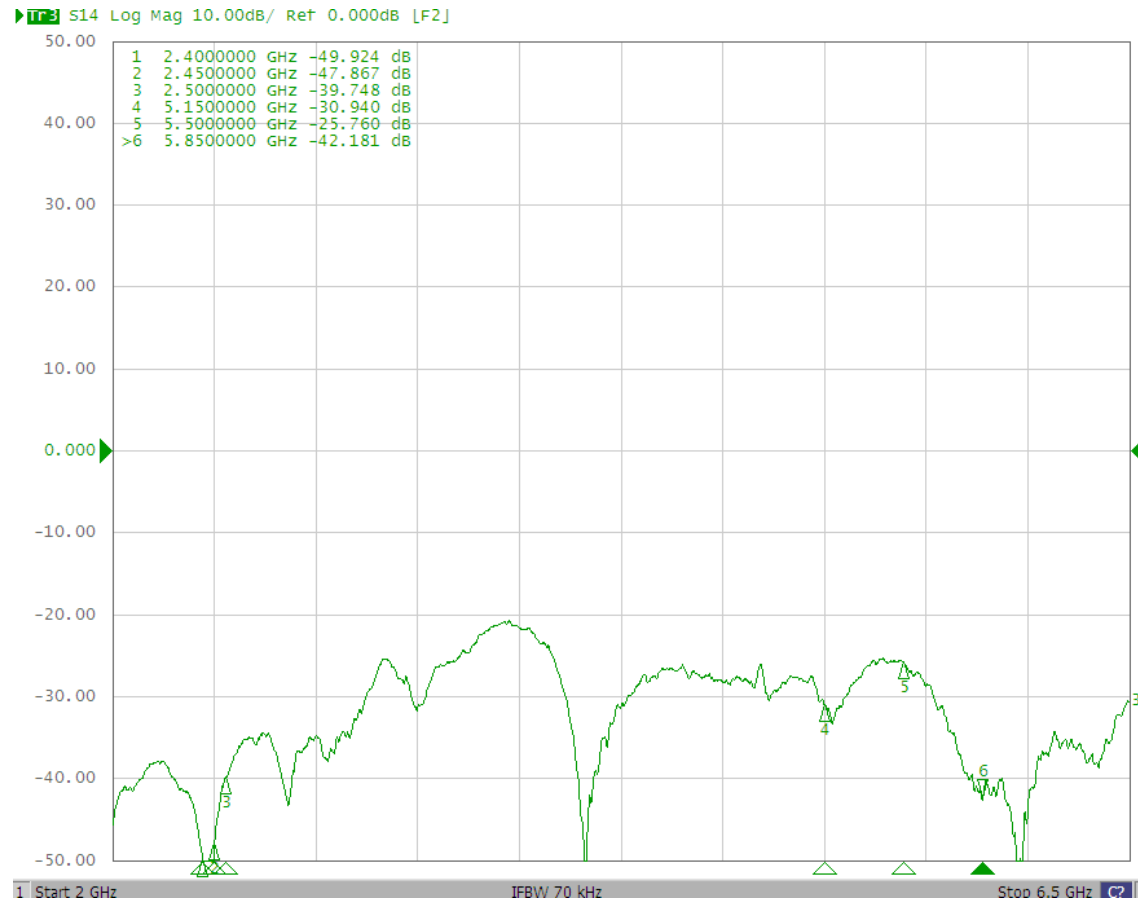
Tr3 S41 Log Mag 10.00dB/ Ref 0.000dB [F2]



2. Antenna Characteristics

2.1 Isolation

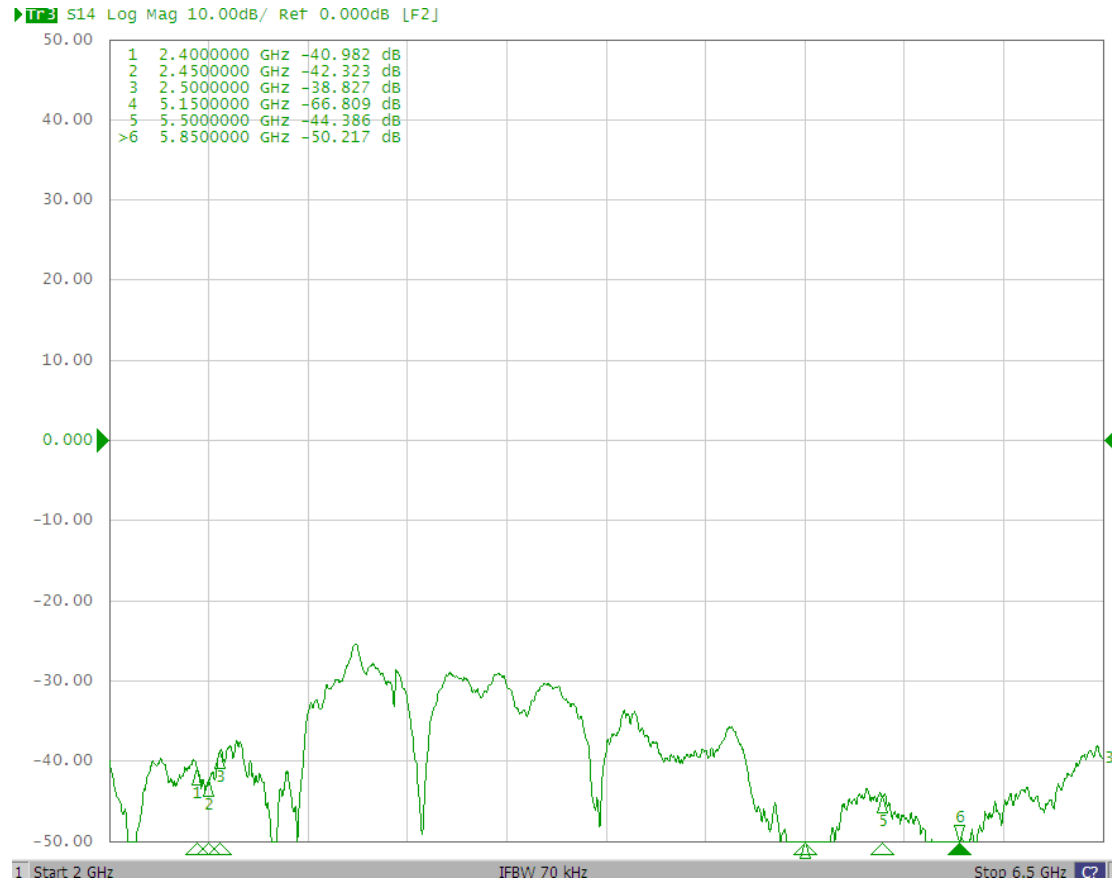
Antenna_3 & Antenna_4 Isolation



2. Antenna Characteristics

2.1 Isolation

Antenna_3 & Antenna_5 Isolation

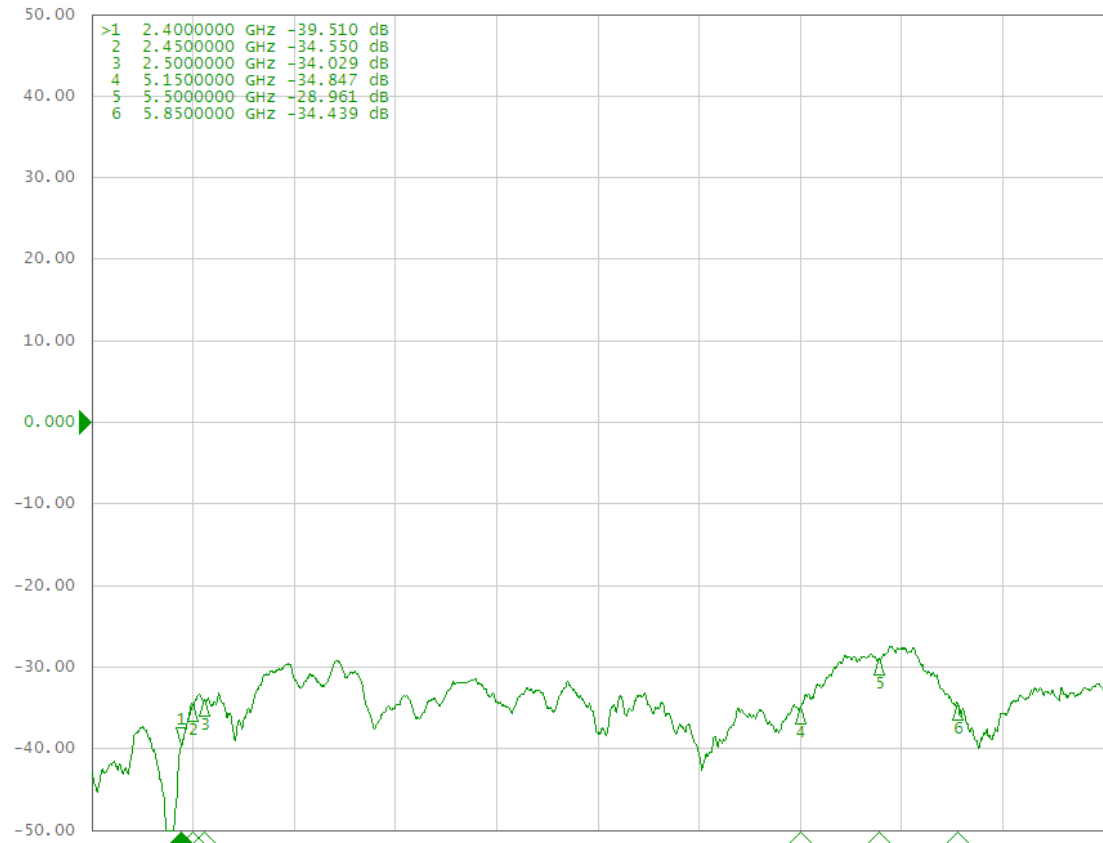


2. Antenna Characteristics

2.1 Isolation

Antenna_3 & Antenna_6 Isolation

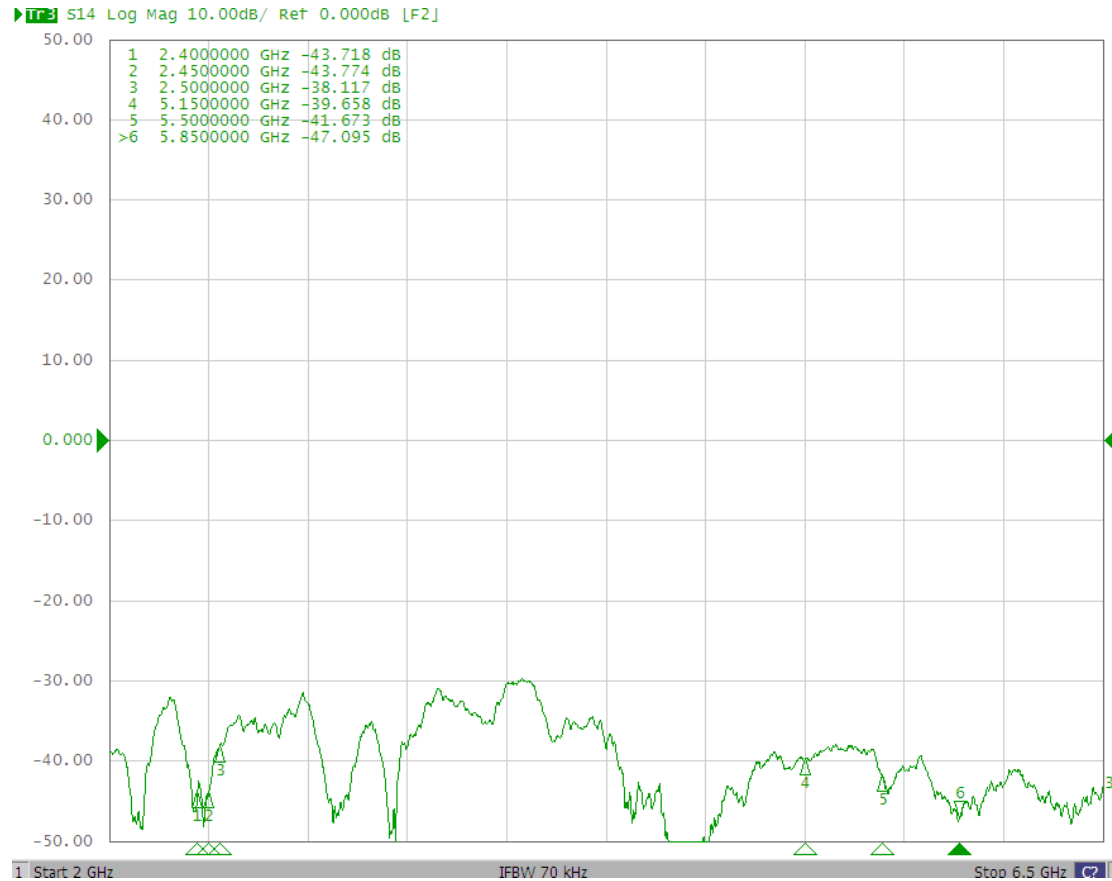
Tr3 S41 Log Mag 10.00dB/ Ref 0.000dB [F2]



2. Antenna Characteristics

2.1 Isolation

Antenna_4 & Antenna_5 Isolation

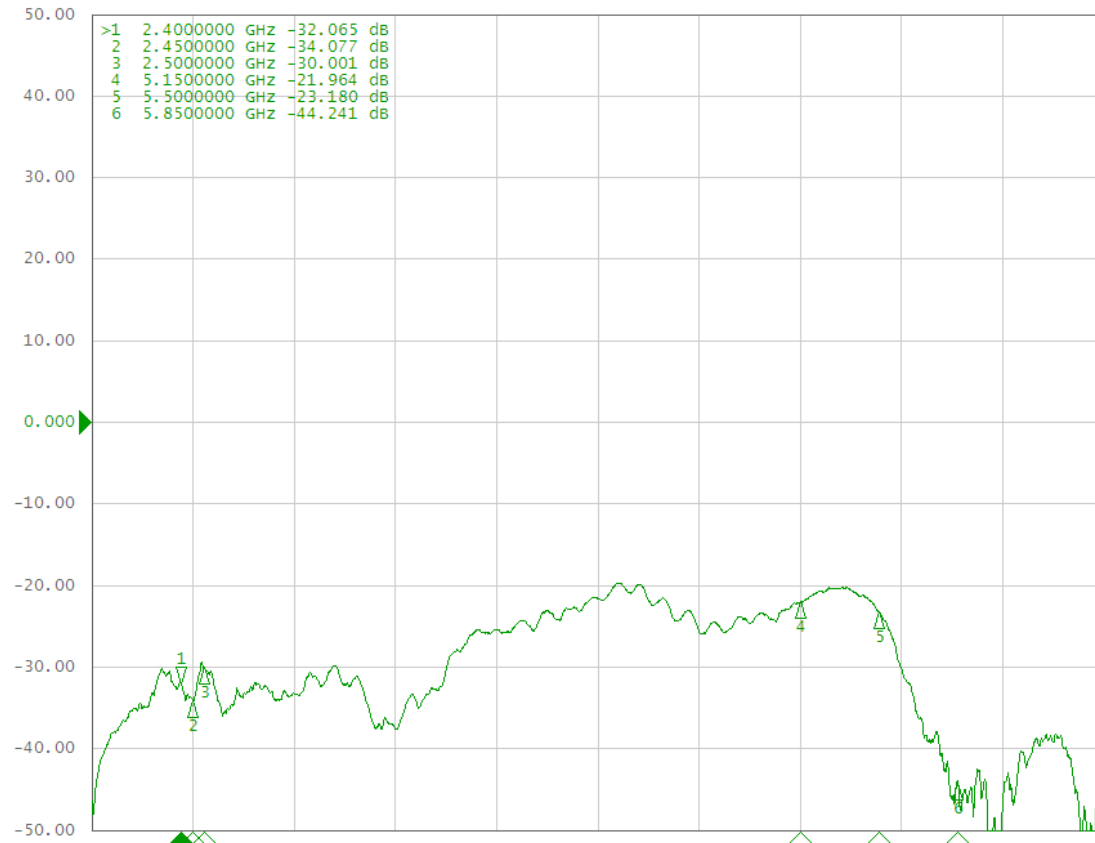


2. Antenna Characteristics

2.1 Isolation

Antenna_4 & Antenna_6 Isolation

Tr3 S41 Log Mag 10.00dB/ Ref 0.000dB [F2]

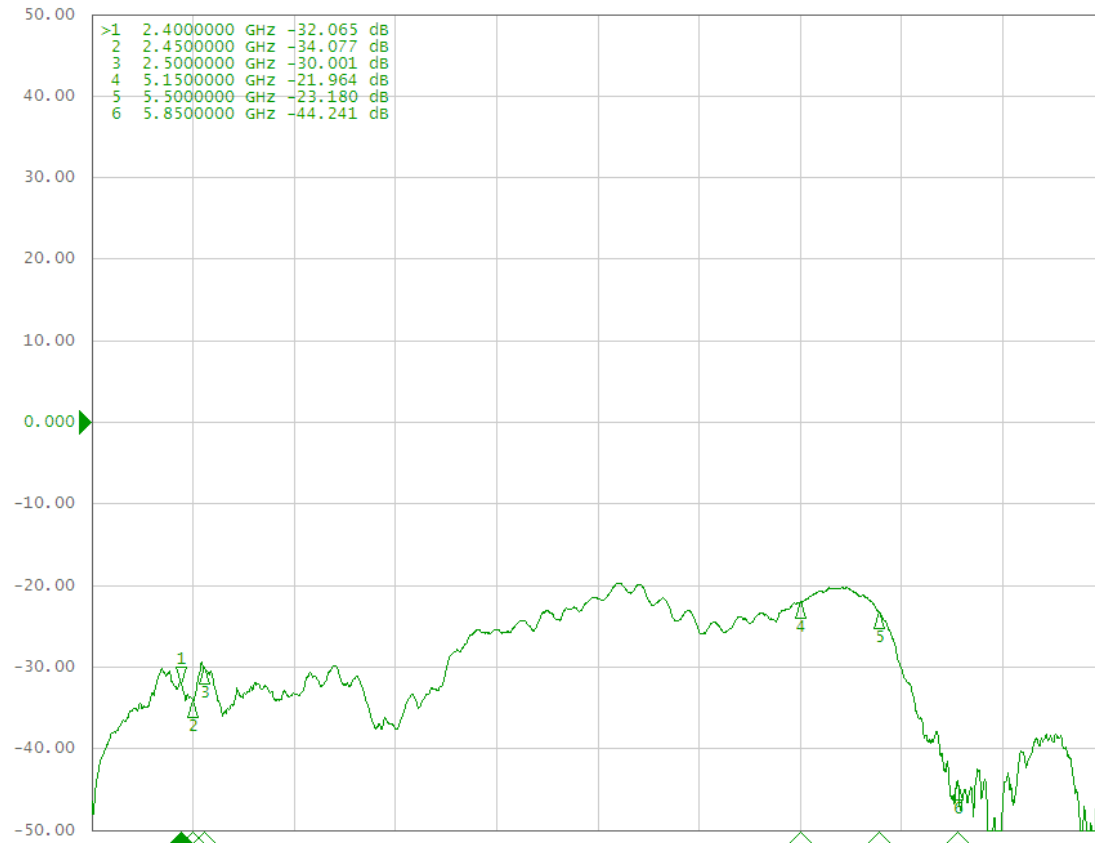


2. Antenna Characteristics

2.1 Isolation

Antenna_4 & Antenna_6 Isolation

Tr3 S41 Log Mag 10.00dB/ Ref 0.00dB [F2]



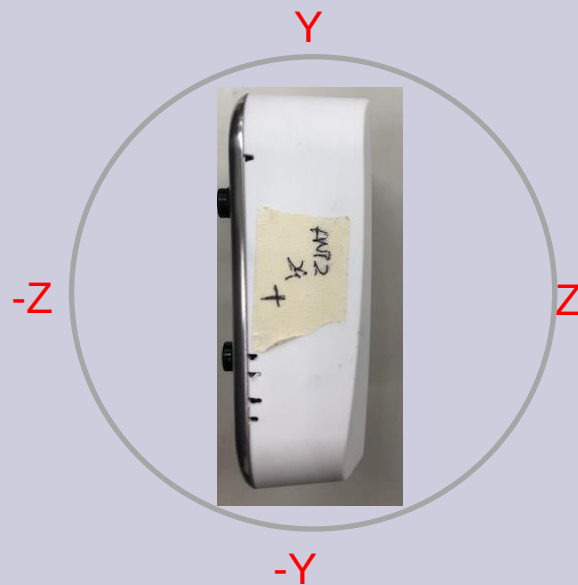
2. Antenna Characteristics

2.3 3 views of antenna

X-Z plane



Y-Z plane



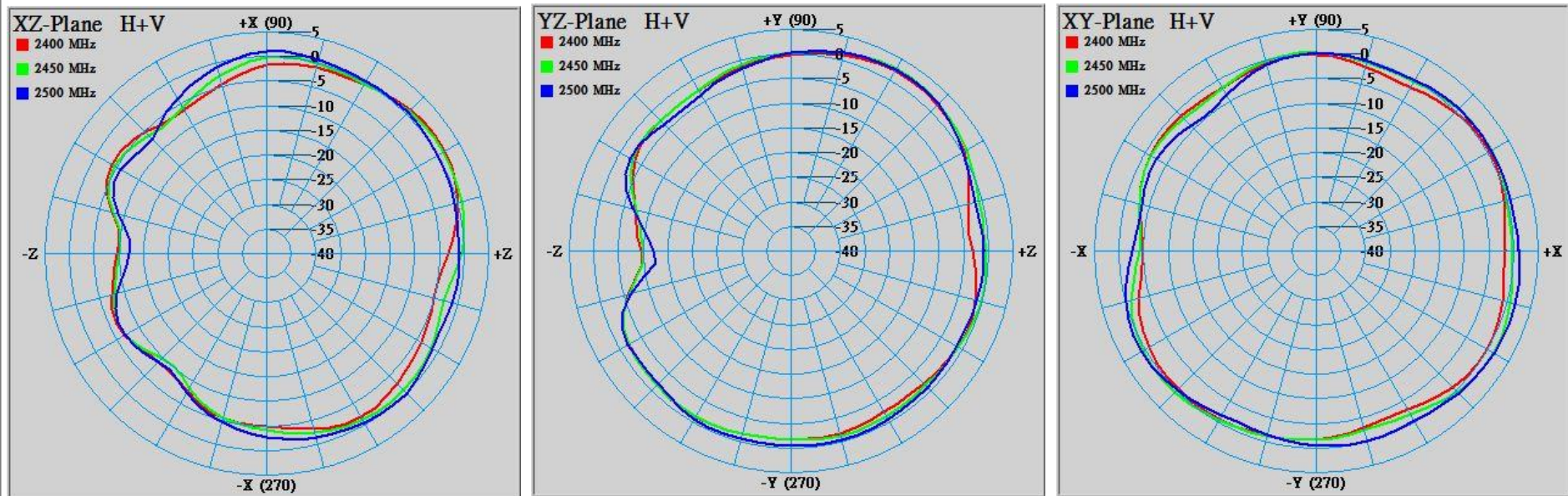
X-Y plane



2. Antenna Characteristics

Antenna_1

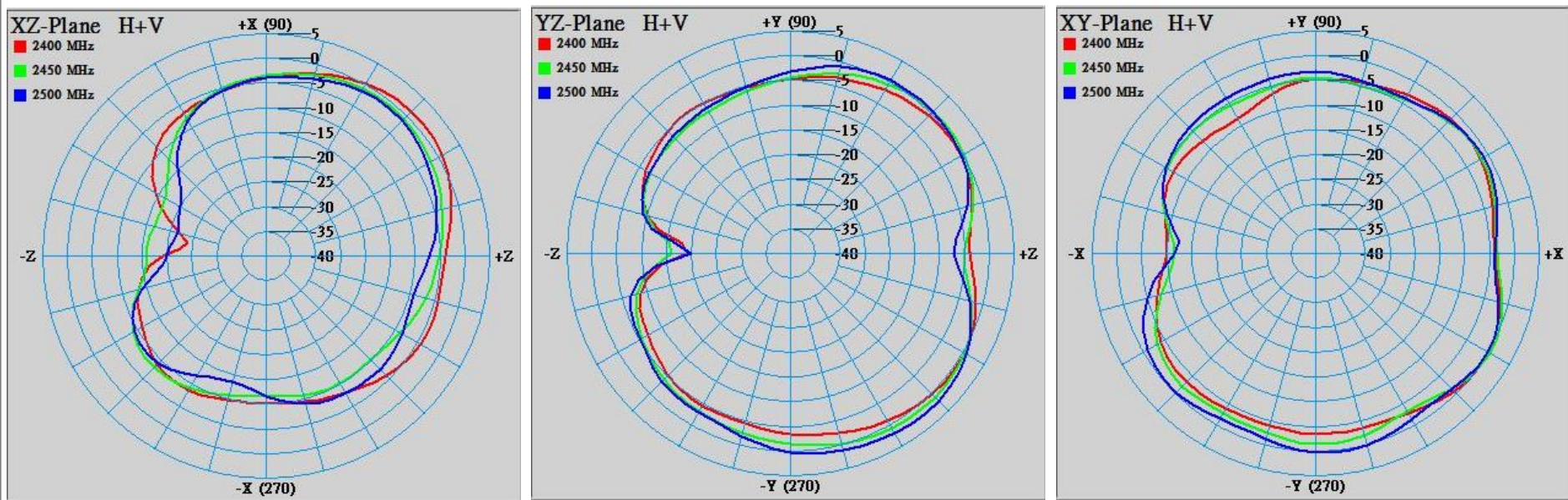
2.3 2D Radiation Patterns



2. Antenna Characteristics

Antenna_2

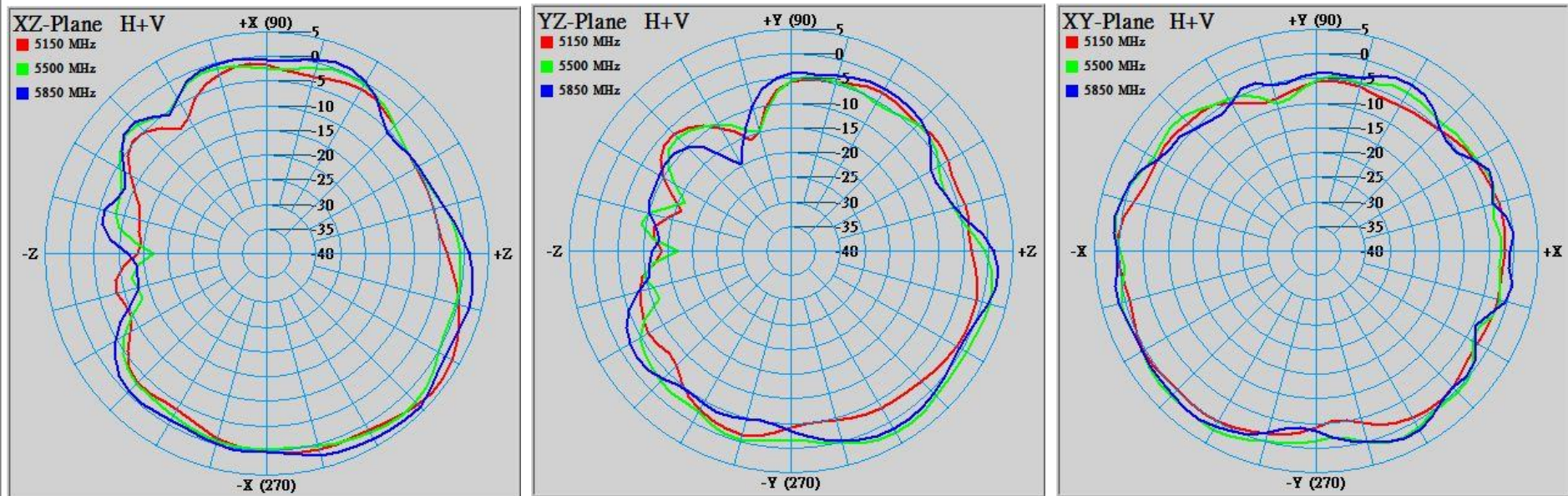
2.3 2D Radiation Patterns



2. Antenna Characteristics

Antenna_3

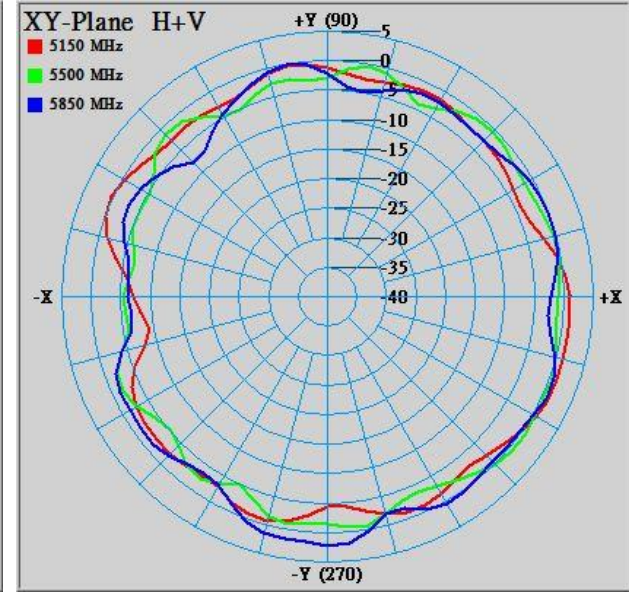
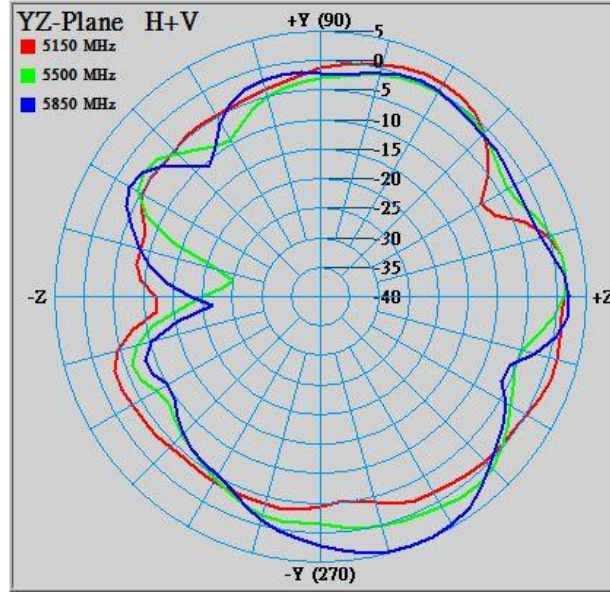
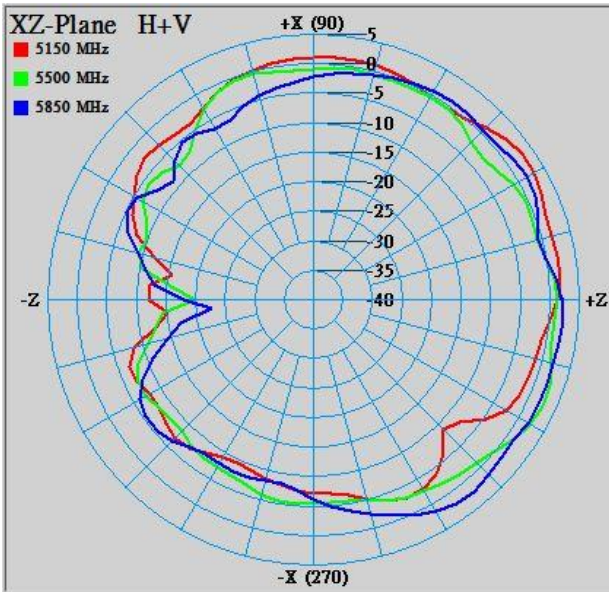
2.3 2D Radiation Patterns



2. Antenna Characteristics

Antenna_4

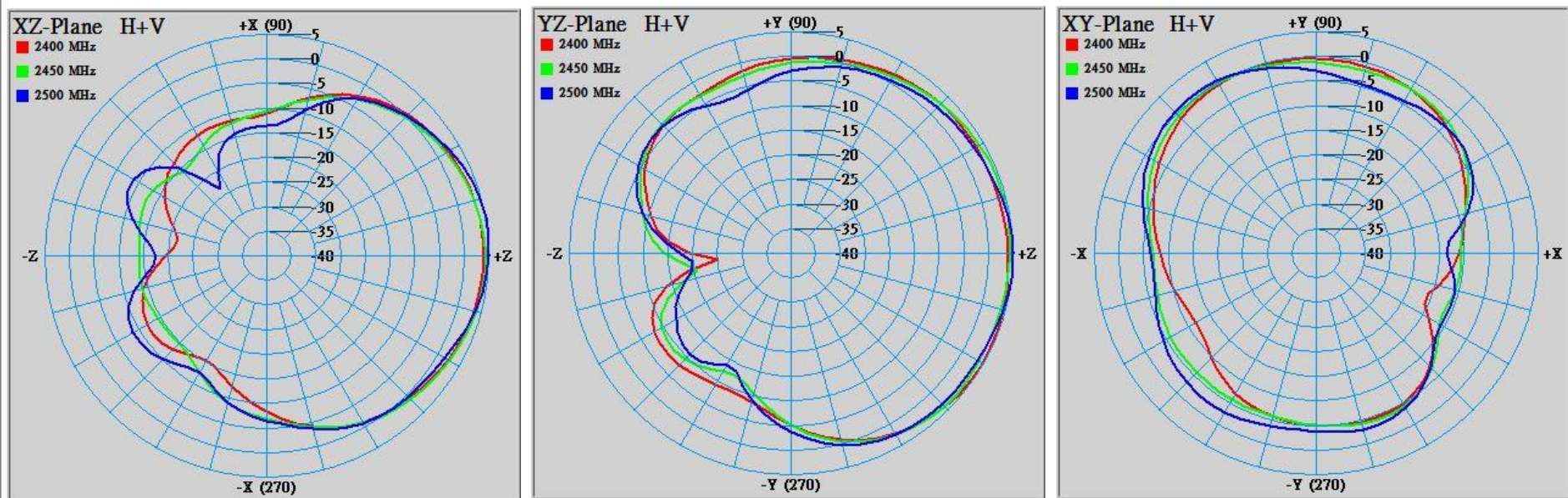
2.3 2D Radiation Patterns



2. Antenna Characteristics

Antenna_5

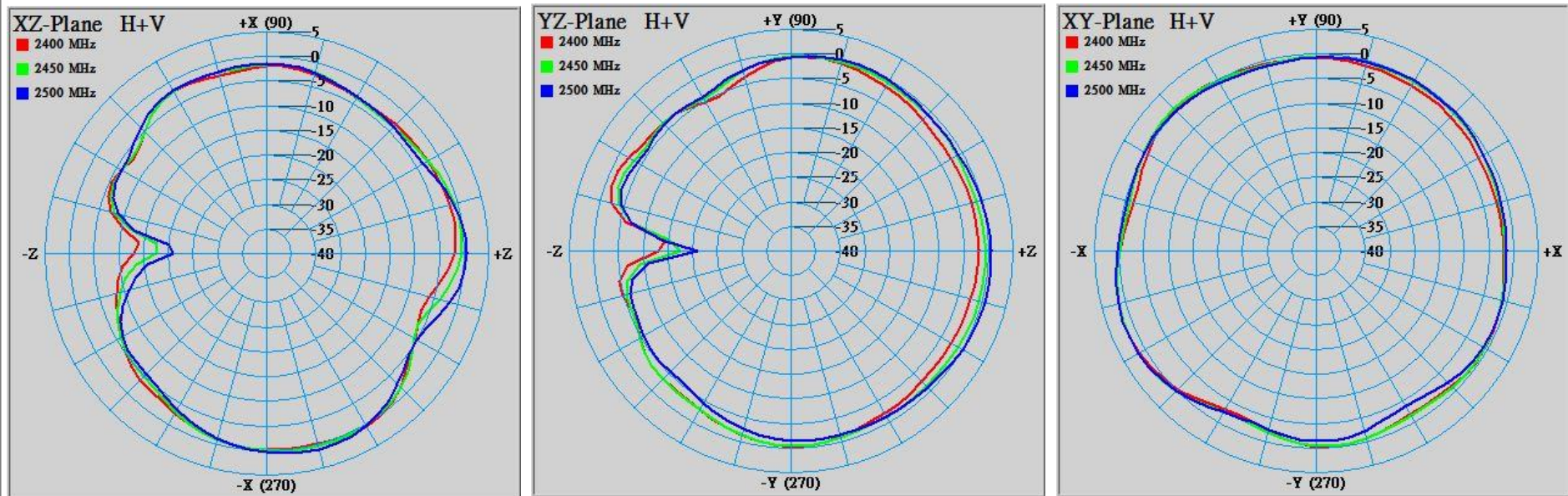
2.3 2D Radiation Patterns



2. Antenna Characteristics

Antenna_6

2.3 2D Radiation Patterns



3. Summary

- The performance of antennas is shown in table

	Antenna_1	Antenna_2	Antenna_3	Antenna_4	Antenna_5	Antenna_6
Maximum Efficiency (%)	69.33	68.9	70.36	73.3	70.5	69.57
Maximum Gain (dBi)	3.22	3.25	4.23	3.87	3.24	2.14