

# Antenna report

Applicant: Xiaomi Communications Co., Ltd

Model Name: 2505DRP06G

Test date:

1. Antenna information

| Antenna | Model Name          | Antenna Pattern | Antenn a Type | Manufa cturer                                        | Manufact urer's address                                                  | Test party of Antenna gain                                                                |
|---------|---------------------|-----------------|---------------|------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| ANT1    | AAC-O84-DIV-X4 YYWW | FPC             | PIFA Antenna  | AAC TECHNOLOGIES HOLDINGS INC                        | NO.6 Yue Xing 3 <sup>rd</sup> Rd, Nanshan District Shenzhen, China518057 | AAC TECHNOLOGIES HOLDINGS INC<br><br>Kun Shan Innovave Communication Technology Co., Ltd. |
|         |                     |                 |               | Kun Shan Innovave Communication Technology Co., Ltd. | No. 55 Shengchuan Road, Yushan Town, Kunshan City, Jiangsu Province      |                                                                                           |

Antenna distribution

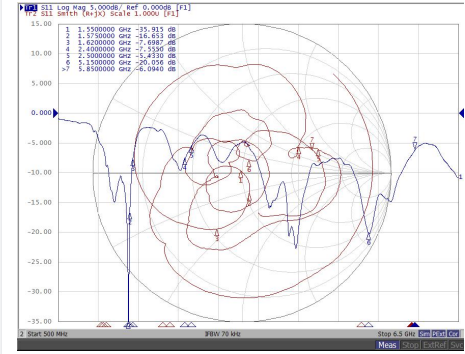
|      |                 |
|------|-----------------|
| ANT1 | WIFI 2.4/5G /BT |
|------|-----------------|

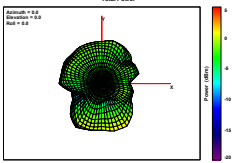
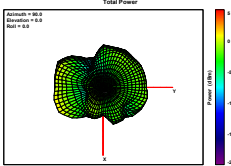
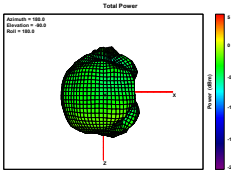
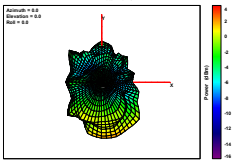
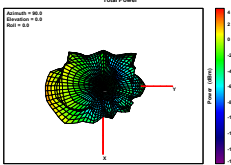
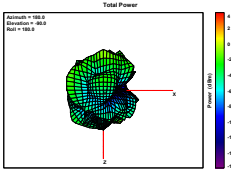
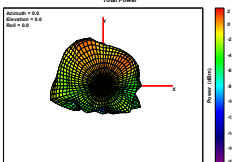
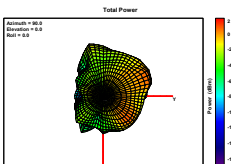
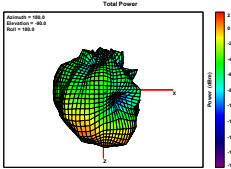
2、Test data

ANT1

|                    | efficiency | max peak gain |
|--------------------|------------|---------------|
| 2.4G(2.4-2.5GHZ)   | -4.7       | -2.3          |
| 5G (5.15-5.25GHz)  | -4.9       | -2.8          |
| 5G (5.25-5.35GHz)  | -4.5       | -2.7          |
| 5G (5.47-5.725GHz) | -4.2       | -2.6          |
| 5G (5.725-5.85GHz) | -5.0       | -2.8          |

ANT1S11&SMITH



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | WIFI2.4  |
| <div><div><div><div>Total Power</div><div>Amplitude = 0.0<br/>Elevation = 0.0<br/>Roll = 0.0</div></div><div><div><div>Total Power</div><div>Amplitude = 90.0<br/>Elevation = 0.0<br/>Roll = 0.0</div></div><div><div><div>Total Power</div><div>Amplitude = 180.0<br/>Elevation = 0.0<br/>Roll = 180.0</div></div></div></div></div></div>       |          |
| Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | WIFI5.1G |
| <div><div><div><div>Total Power</div><div>Amplitude = 0.0<br/>Elevation = 0.0<br/>Roll = 0.0</div></div><div><div><div>Total Power</div><div>Amplitude = 90.0<br/>Elevation = 0.0<br/>Roll = 0.0</div></div><div><div><div>Total Power</div><div>Amplitude = 180.0<br/>Elevation = 0.0<br/>Roll = 180.0</div></div></div></div></div></div>       |          |
| Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | WIFI5.8G |
| <div><div><div><div>Total Power</div><div>Amplitude = 0.0<br/>Elevation = 0.0<br/>Roll = 0.0</div></div><div><div><div>Total Power</div><div>Amplitude = 90.0<br/>Elevation = 0.0<br/>Roll = 0.0</div></div><div><div><div>Total Power</div><div>Amplitude = 180.0<br/>Elevation = 0.0<br/>Roll = 180.0</div></div></div></div></div></div> |          |

3. Main Test Instruments

| Name    | Manufacturer | Model name | Serial Number | Cal., Date | Exp., Date |
|---------|--------------|------------|---------------|------------|------------|
| ETS8923 | ETS          | ETS8923    | SN1483        | 2025.02.07 | 2026.02.07 |

4、Test Site



End of Test Report