



# Antenna Part Specification

|                                |                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project name (Model):          | Galileo                                                                                                                                                   |
| Material category:             | BT antenna                                                                                                                                                |
| Version:                       | V1.0                                                                                                                                                      |
| Date:                          | 2022.09.08                                                                                                                                                |
| Manufacturer name:<br>Address: | Shen Zhen Cicent Communication Technology Co., Ltd.<br>501A&B-A Blockk,Donglian Building,Chuangye 2 road,Baoan District, Shenzhen,Guangdong,<br>P.R china |



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| Change record            |                   |                 |         |
|--------------------------|-------------------|-----------------|---------|
| Compile /<br>change date | Reason for change | Changed content | Version |
|                          |                   |                 |         |
|                          |                   |                 |         |
|                          |                   |                 |         |

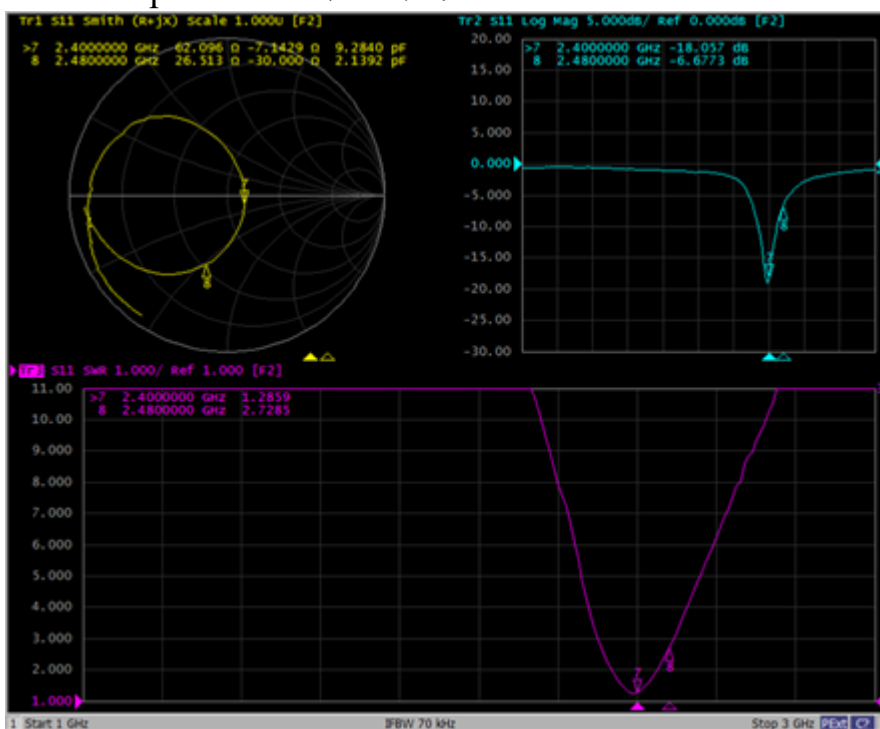


# I: The report of passive data



Angilent E5071C

VSWR parameter (Left) :



Efficiency:

| L               |            |                  |              |
|-----------------|------------|------------------|--------------|
| Frequency (MHz) | Efficiency | Efficiency (dB ) | Maximum gain |
| 2400            | 21%        | -6.7             | -2.0         |
| 2410            | 21%        | -6.7             |              |
| 2420            | 21%        | -6.7             |              |
| 2430            | 20%        | -7.0             |              |
| 2440            | 18%        | -7.4             |              |
| 2450            | 18%        | -7.4             |              |
| 2460            | 17%        | -7.8             |              |
| 2470            | 17%        | -7.8             |              |
| 2480            | 17%        | -7.8             |              |
| Average value   | 19%        | -7.3             |              |



## II: 3D Active test report of antenna

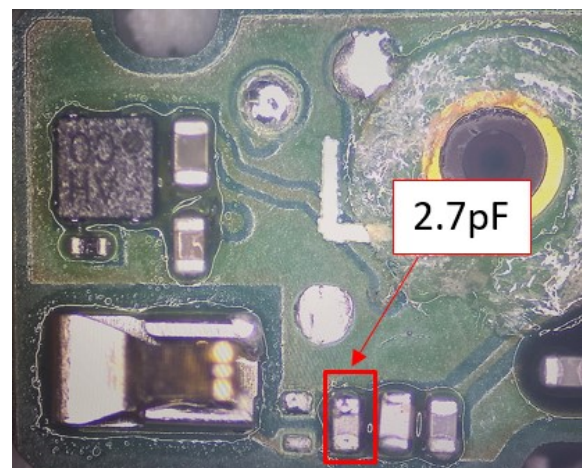
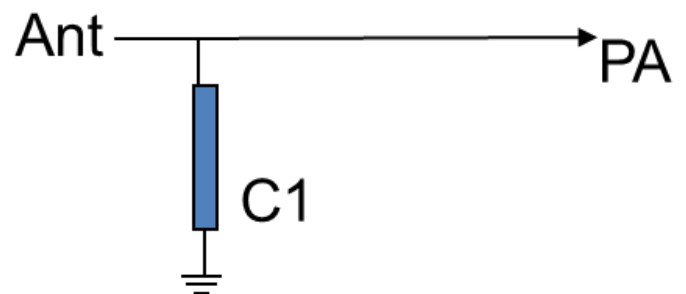
|   | Channel | TRP (dBm) | TIS (dBm) |
|---|---------|-----------|-----------|
| L | CH 0    | 6.4       | -89.0     |
|   | CH 39   | 6.6       | -89.5     |
|   | CH 78   | 5.8       | -89.3     |



OTA Standard Chamber

## III: Matching circuit

| Element | Value |
|---------|-------|
| C1      | 2.7pF |





IV: Structure file

