

# Antenna Part Specification

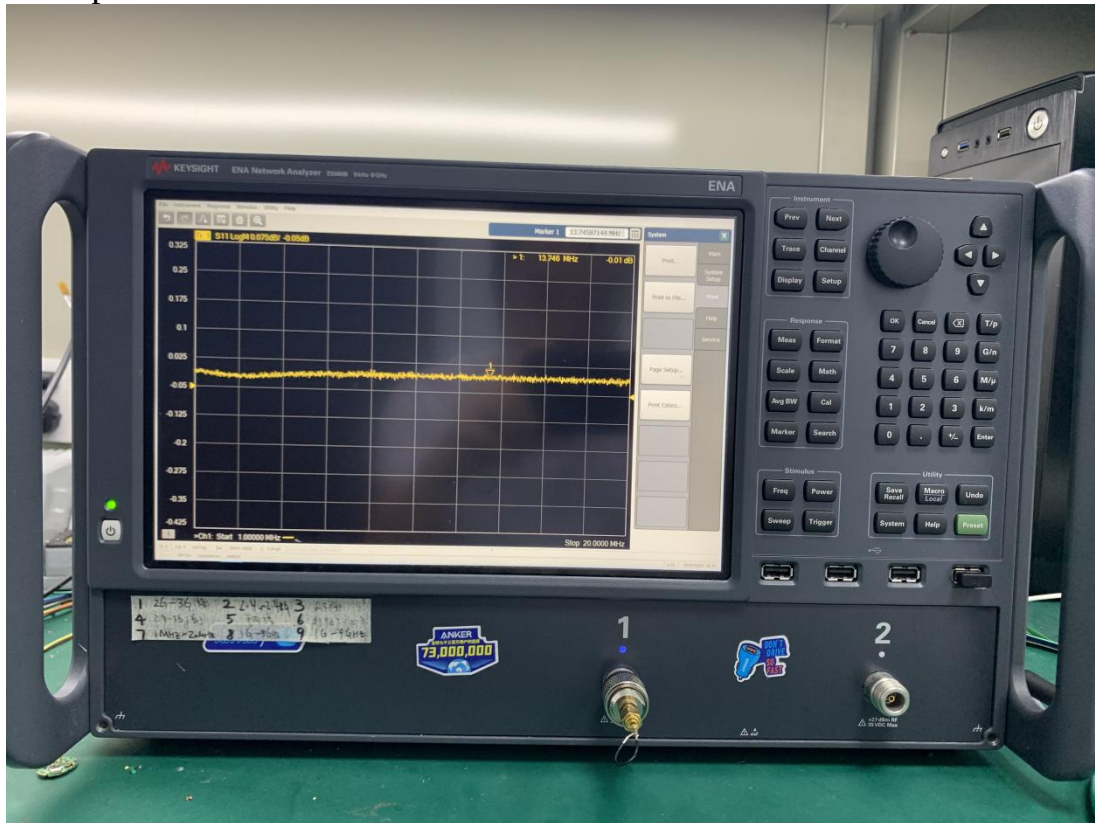
|                    |             |
|--------------------|-------------|
| Project name:      | A3027       |
| Material category: | NFC antenna |
| Antenna type:      | FPC         |
| Version:           | V1.0        |
| Date:              | 2022.10.31  |

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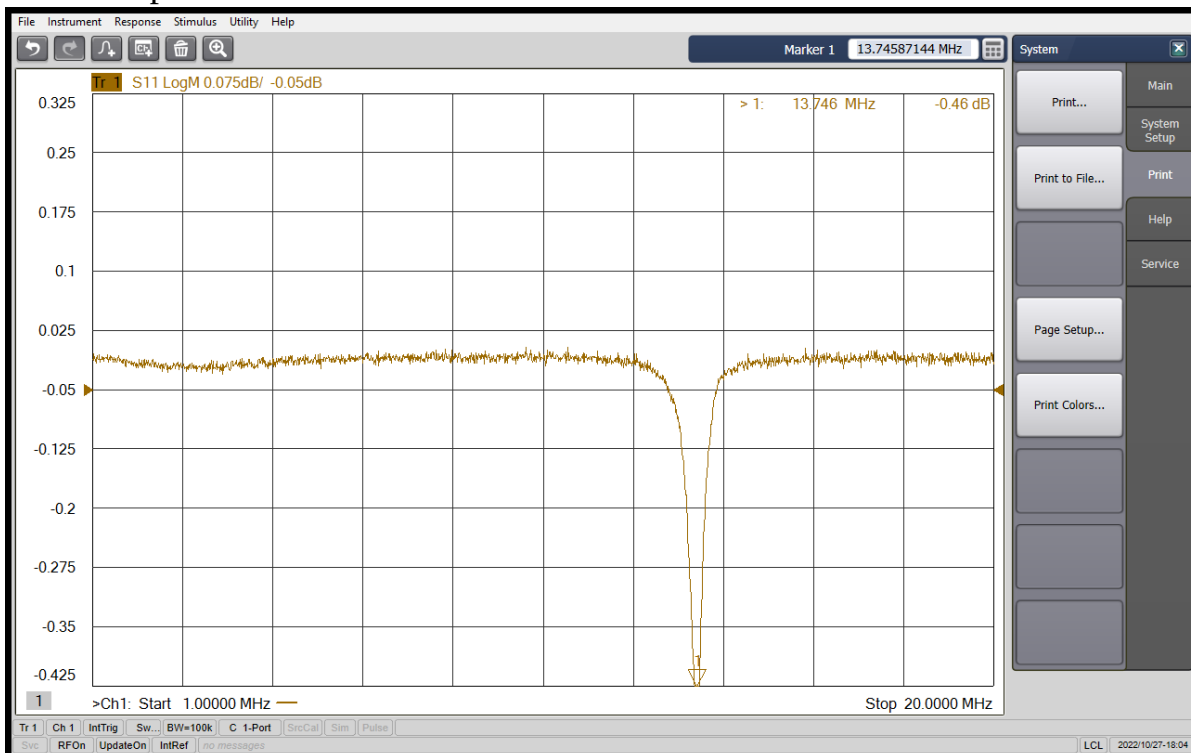
| Change record            |                   |                 |         |
|--------------------------|-------------------|-----------------|---------|
| Compile /<br>change date | Reason for change | Changed content | Version |
| 2022.10.31               | Final edition     | Final edition   | V1.0    |
|                          |                   |                 |         |

## I: The report of passive data



Agilent E5080B

VSWR parameter (Left) :

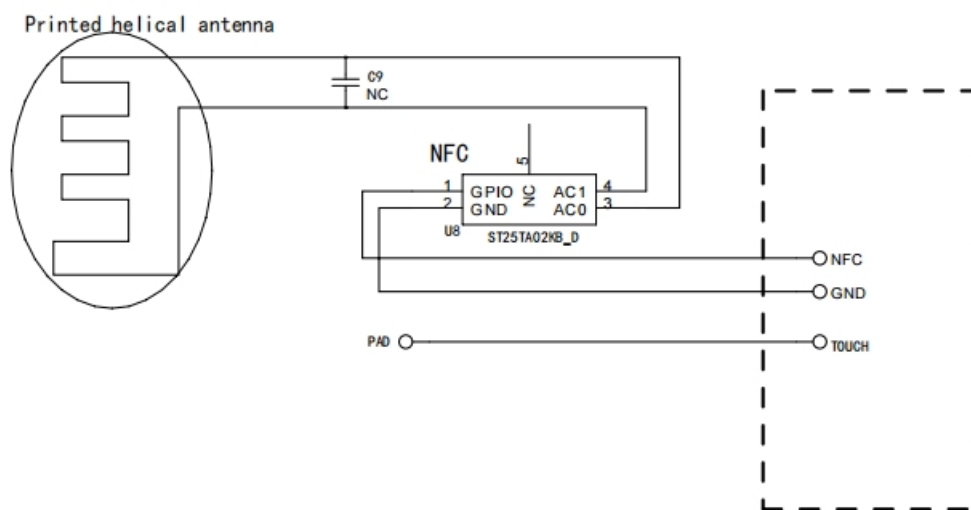


## II: 3D Active test report of antenna

| Detection distance/mm | Phone1 | Phone2 | Phone3 | Phone4 | Phone5 | Phone6 | Phone7 | Phone8 | Phone9 | Phone10 |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| A3027                 | 22     | 23     | 22     | 20     | 19     | 18     | 21     | 20     | 22     | 21      |

### III: Matching circuit

| Element         | Value       |
|-----------------|-------------|
| <b>C9(0402)</b> | <b>18pF</b> |



#### IV: Structure file:

