

## 2JF0201P

### GNSS/L1L2L5L6 Flexible Polymer Adhesive Mount

#### Key Features

GPS/GLONASS/BeiDou/QZSS/Galileo/  
/IRNSS/SBAS/L1L2L5L6  
- 1176-1606 MHz  
Self-Adhesive  
Multi-Band-Constellation  
Flexible Material  
High Performance  
Ground Plane Independent  
Dimensions 45.4 × 45.4 × 0.2 mm  
Customizable Cable and Connector



## 1. Antenna and electrical specifications

Parameters	GNSS Antenna			
	GPS/Glonass/BeiDou/QZSS/Galileo/IRNSS/SBAS/L1L2L5L6			
<b>Technologies</b>	GPS/Glonass/BeiDou/QZSS/Galileo/IRNSS/SBAS/L1L2L5L6			
<b>Bandwidth (MHz)</b>	1176-1208	1227-1246	1268-1279	1561-1606
<b>Bands</b>	L5	L2	L6	L1
<b>Frequency (MHz)</b>	1176.45, 1207.14	1227.6, 1246.00	1268.52, 1278.75	1561.09, 1575.42, 1602
<b>Standards</b>	GPS(L5), BeiDou(B2a, B2b), QZSS(L5), Galileo(E5a), IRNSS(L5)	GPS(L2C), GLONASS(L2OF), QZSS(L2C)	GPS(L6), BeiDou(B3), QZSS(L6), Galileo(E6)	GPS(L1C), GLONASS(L1OF), BeiDou(B1), QZSS(L1C), Galileo(E1), SBAS (L1)
<b>Return Loss (dB)</b>	~-12.8	~-16.6	~-9.3	~-21.8
<b>VSWR</b>	~1.6:1	~1.4:1	~2.1:1	~1.2:1
<b>Efficiency (%)</b>	~75.0	~76.2	~74.2	~79.9
<b>Passive Peak Gain (dBi)</b>	~-3.2	~-3.1	~-2.9	~-4.9
<b>Average Gain (dB)</b>	~-1.3	~-1.2	~-1.3	~-1.0
<b>Impedance (Ohms)</b>	50			
<b>Polarisation</b>	Linear			
<b>Radiation Pattern</b>	Omni-Directional			
<b>Max. Input Power (W)</b>	25			
<b>Connector Type</b>	U.FL Standard (Other Connectors Available)			
<b>Cable Length</b>	100mm Standard (Any Cable Length Available)			
<b>Cable Type</b>	1.37mm Mini-Coax Standard (Other Cables Available)			

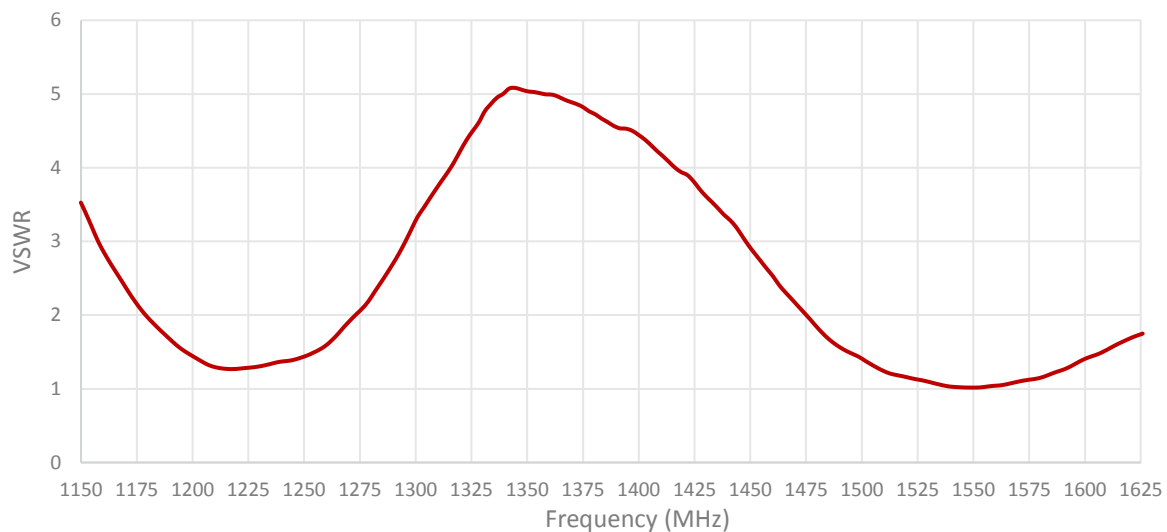
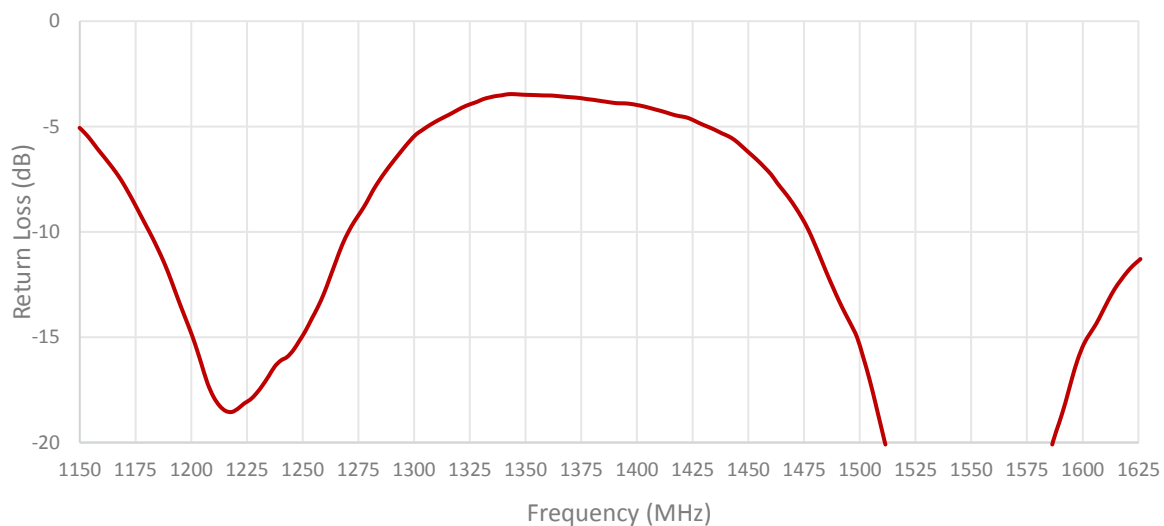
### Antenna Measurement Conditions:

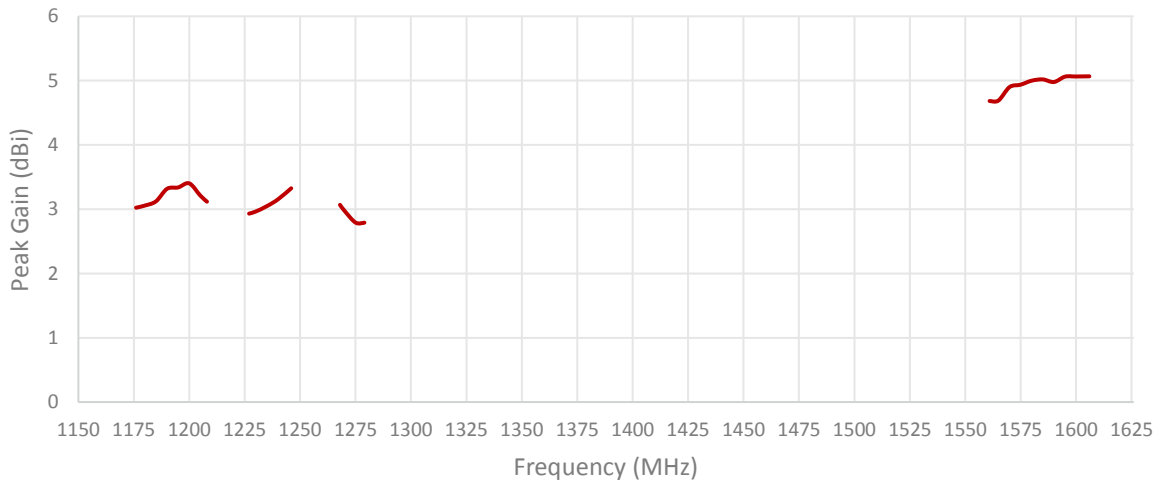
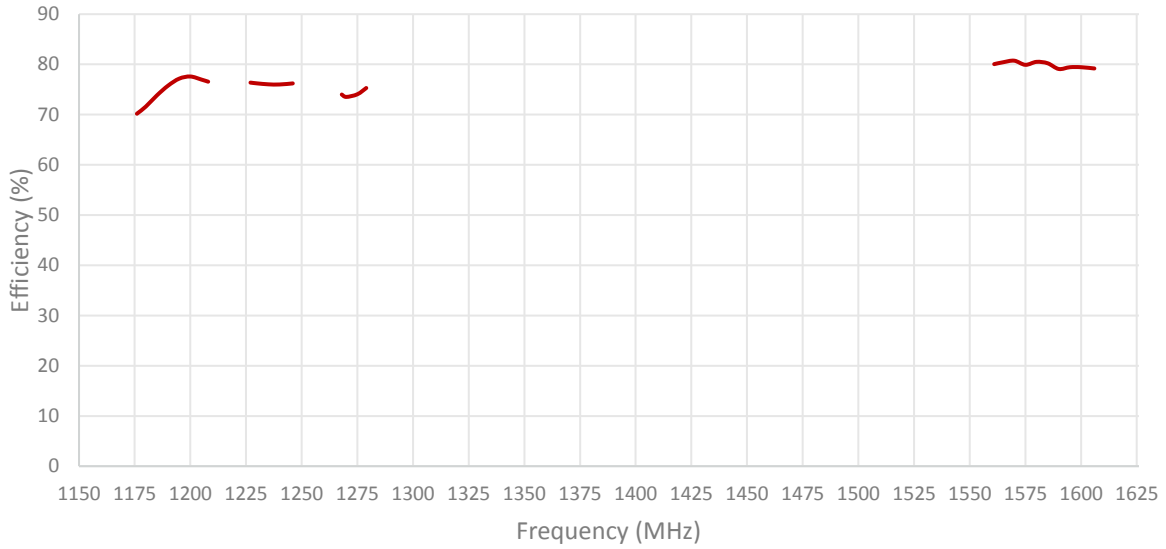
Mounted on 30 x 30 x 0.25 cm ABS Plastic Plate  
 100 mm 1.37 mm Micro Coax Cable  
 Measured in Certified CTIA 3D Anechoic Chamber

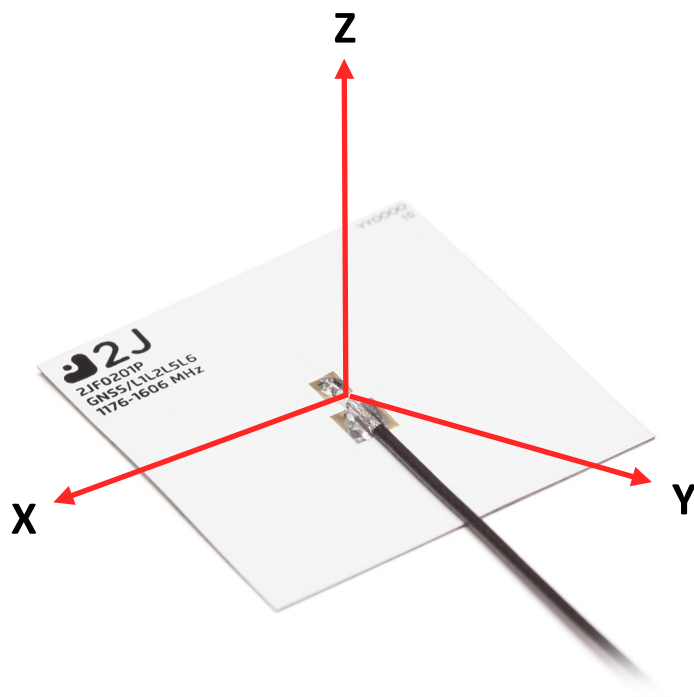
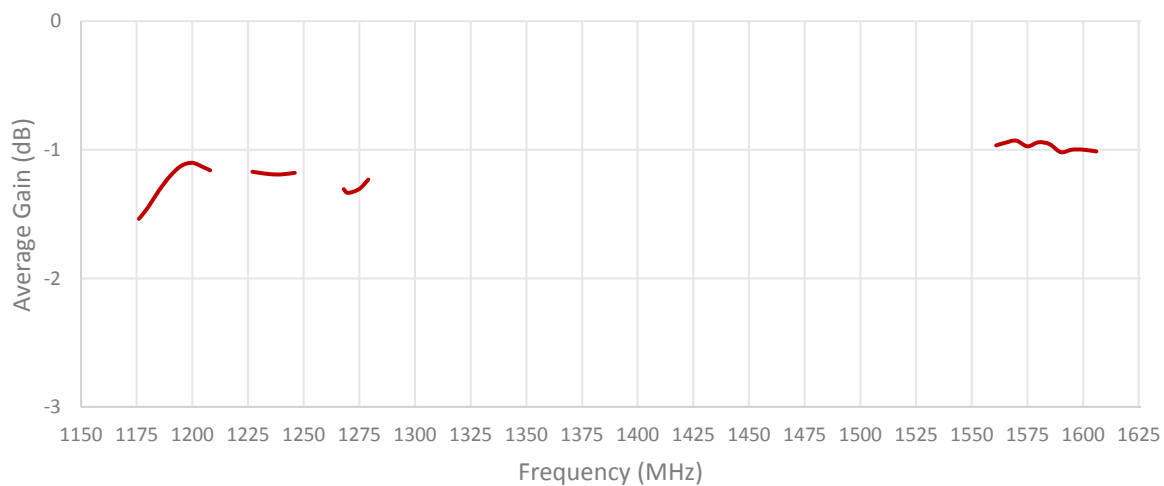
## 2. Mechanical and environmental specifications

Specifications	2JF0201P
<b>Mounting Type</b>	Adhesive Mount
<b>Dimensions (mm)</b>	45.4 × 45.4 × 0.2
<b>Adhesive Type</b>	3M 467
<b>Material</b>	Flexible Polymer
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85

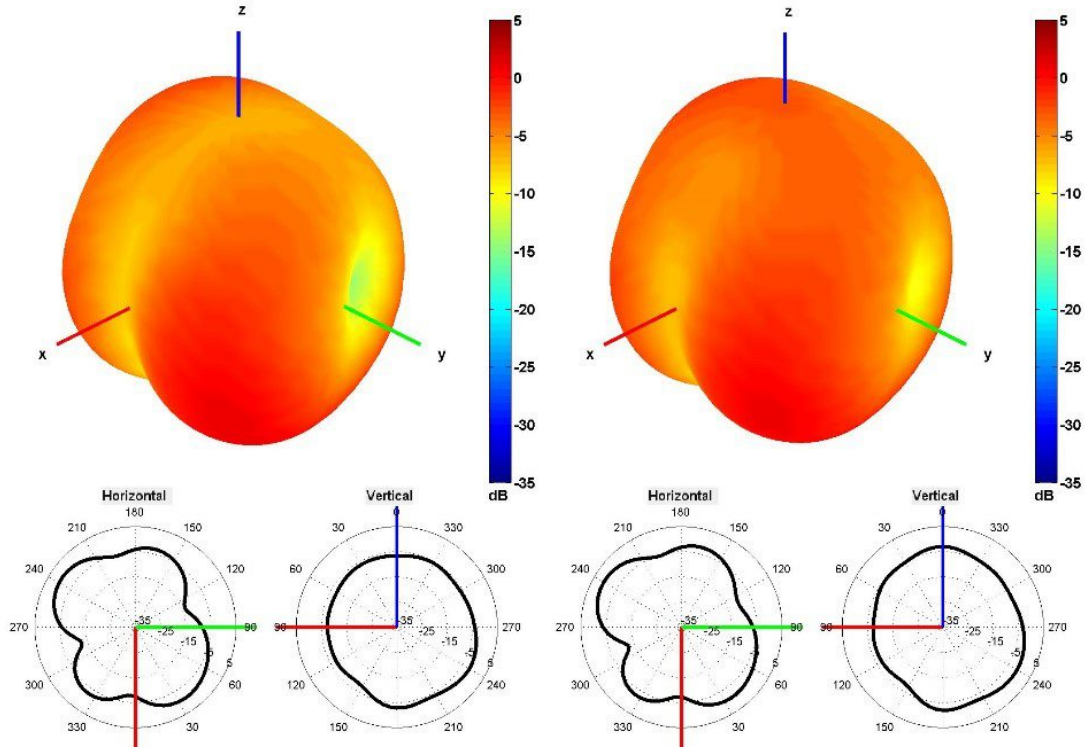
### 3. Antenna parameters



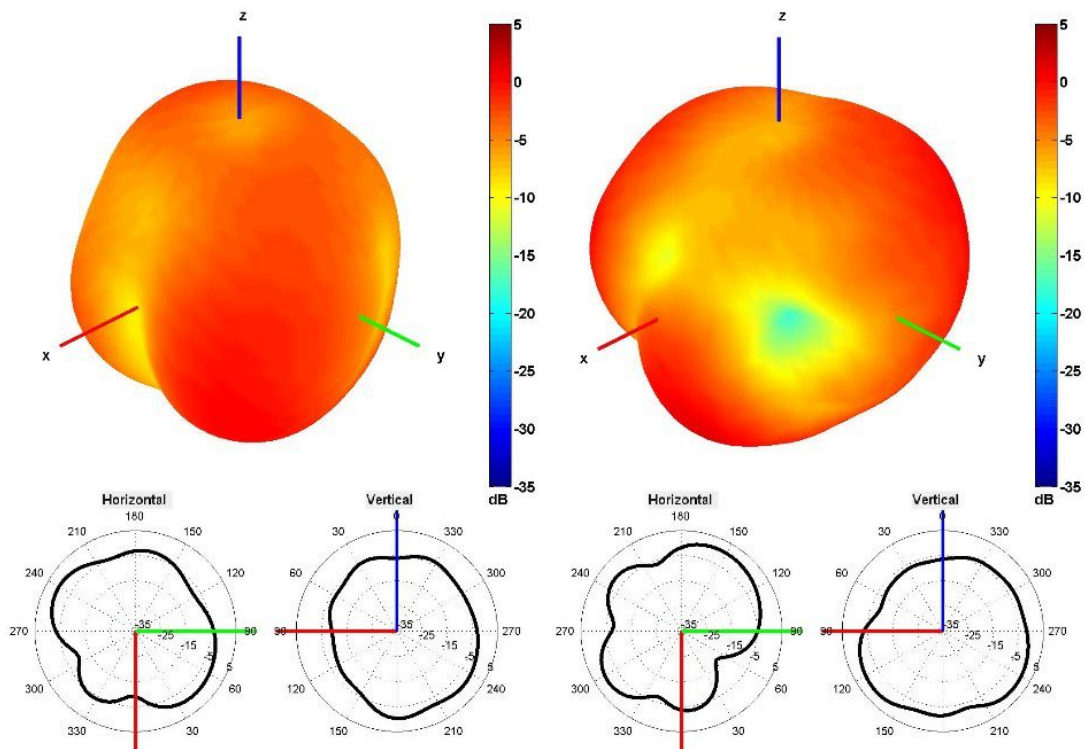




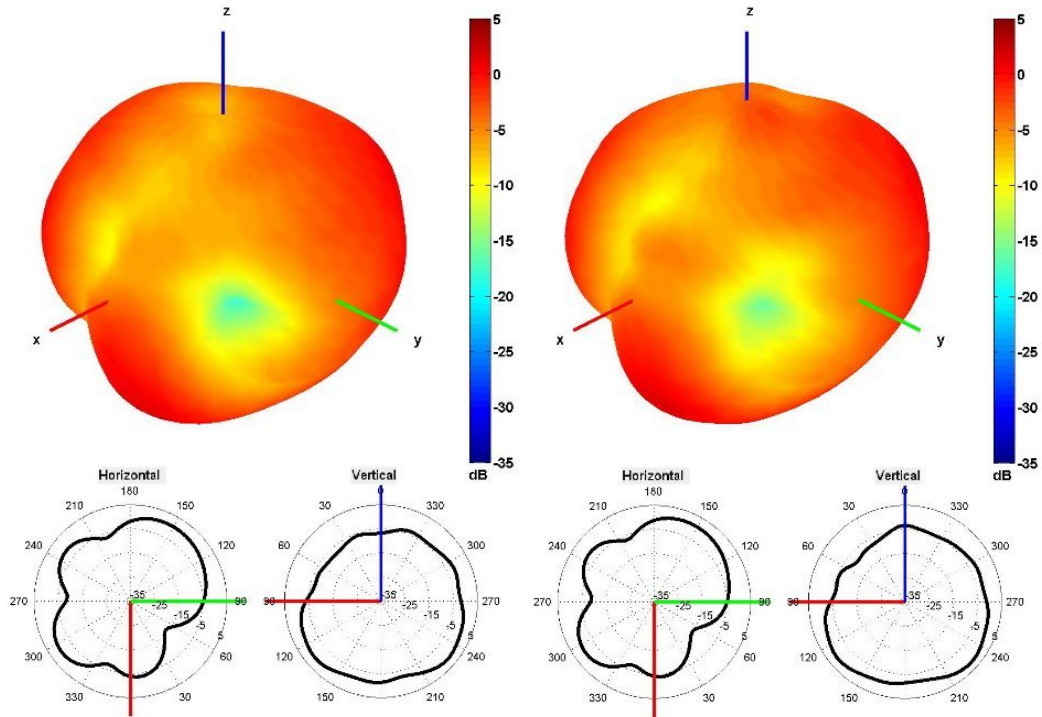
Radiation pattern reference



1176 AND 1227 MHz Radiation pattern

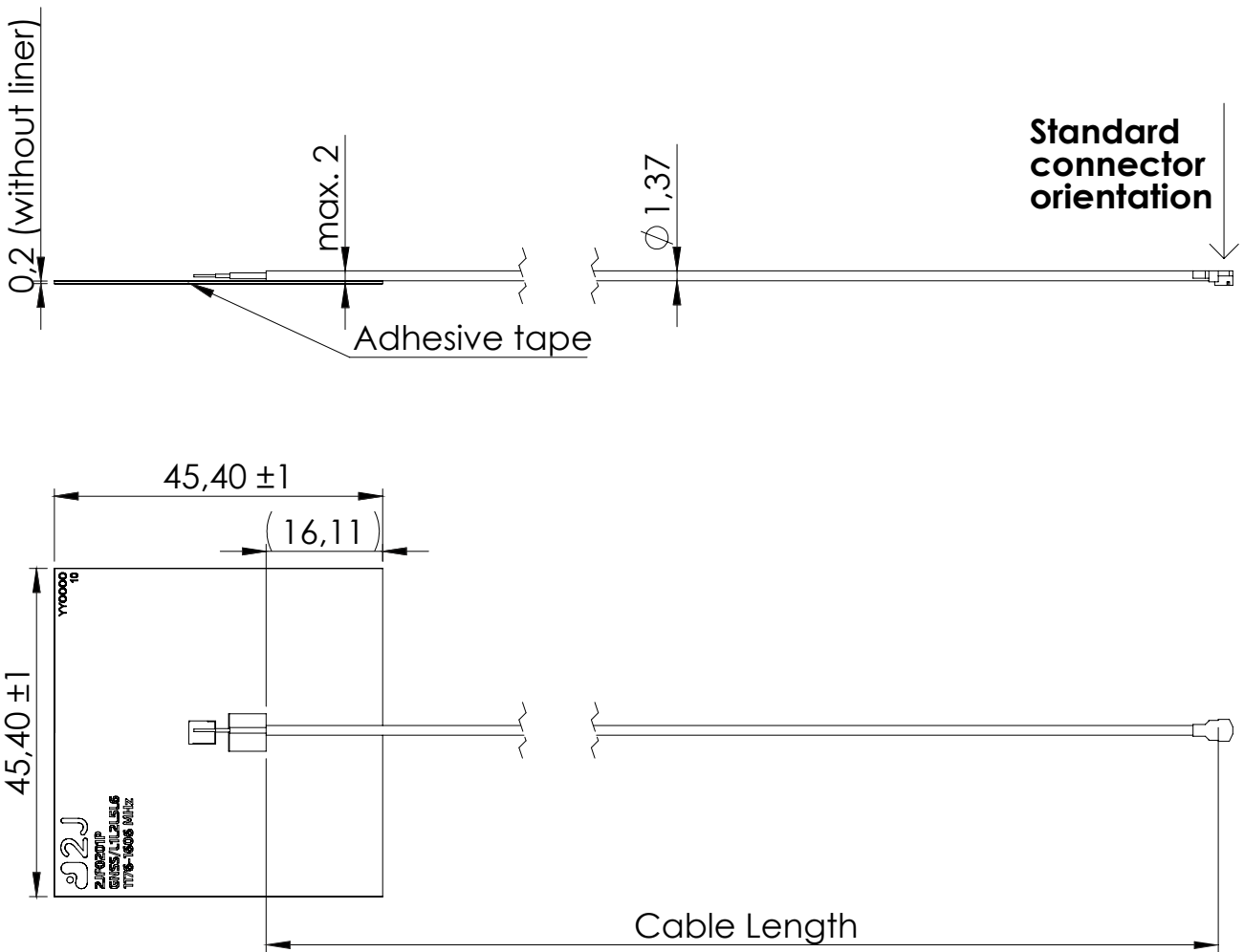


1268 AND 1561 MHz Radiation pattern



1575 AND 1602 MHz Radiation pattern

## 4. Antenna drawings





## 5. Antenna Images



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