Antenne PCB 5G 4G-LTE 3G/2G LPWA ULB fibre de verre adhésive omnidirectionnelle | 1.6 à 4dBi

Référence GC-P1083P

Gain	de 1.6 à 4.0dBi<
Connecteur	U.FL standard
Dimensions (mm)	155 × 19,5 × 0,9
T° de fonctionnement	-40 °C à +85 °C

CARACTÉRISTIQUES

FRÉQUENCE(S) (MHZ)	617-960	1427-2690	3300-5000	5150-5925
BANDE(S) (MHZ)	600, 700, 850, 900	1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600	3300, 3500, 3600, 3700, 4500	5200, 5500, 5800
BANDES 5GNR	n5, n8,12, n20, n28, n71, n81, n82, n83,	n1, n2, n3, n7, n25, n34, n38, n39, n40, n41, n50, n51, n66, n70, n74, n75, n76, n80, n84, n86	n77, n78, n79	
BANDES 4G-LTE	B5, B6, B8, B12, B13, B14, B17, B18, B19, B20, B26, B27, B28, B29, B44, B67, B68, B71, B85	B1, B2, B3, B4, B7, B9, B10, B11, B21, B23, B24, B25, B30, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B45, B50, B51, B65, B66, B69, B70, B74, B75, B76	B22, B42, B43, B48, B49, B52	B46, B47, B252, B255
BANDES 3G	B5, B6, B8, B12, B13, B14, B19, B20, B26	B1, B2, B3, B4, B7, B9, B10, B11, B21, B25, B32, B33, B34, B35, B36, B37, B38, B39, B40	B22	
BANDES 2G	710, 750, 810T, 850, 900P, 900E, 900R	1800DCS, 1900PCS		
BANDES CDMA	BC0, BC2, BC3, BC7, BC9, BC10, BC12, BC18, BC19	BC1, BC4, BC6, BC8, BC13, BC14, BC15, BC16, BC20, BC21		
PERTE DE RETOUR (DB)	~-14,8	~-12.2	~-8.1	~-7.3
VSWR	~1,5:1	~1,8:1	~4,0:1	~3,2:1
EFFICACITÉ (%)	~52,9	~65,7	~38,3	~33,5
GAIN DE POINTE (DBI)	~1,6	~4,0	~1,6	~3,4
GAIN MOYEN (DB)	~-2,8	~-1,8	~-4,7	~-4,9

IMPÉDANCE (OHM)	50
POLARISATION	linéaire
RAYONNEMENT	Omnidirectionnel
PUISSANCE D'ENTRÉE MAX. (W)	25
CONNECTEUR	Norme U.FL (autres connecteurs disponibles)
LONGUEUR DU CÂBLE	180mm standard (n'importe quelle longueur de câble disponible)
TYPE DE CÂBLE	Mini-coaxial standard de 1,37 mm (autres câbles disponibles)

La compatibilité s'étend à toutes les nouvelles fréquences et bandes standard telles que B71, N71 (600 MHz) pour TMobile, CBRS B48 à l'échelle nationale, FirstNET B14, les nouvelles TMobile/Sprint B25, B26 et B41 ainsi que la rétrocompatibilité avec les technologies cellulaires 4G/3G/2G.

Conditions de mesure d'antenne :
- Monté sur plaque ABS 30 x 30 x 0,25 cm
- 150 mm de câble mini-coaxial de 1,37 mm

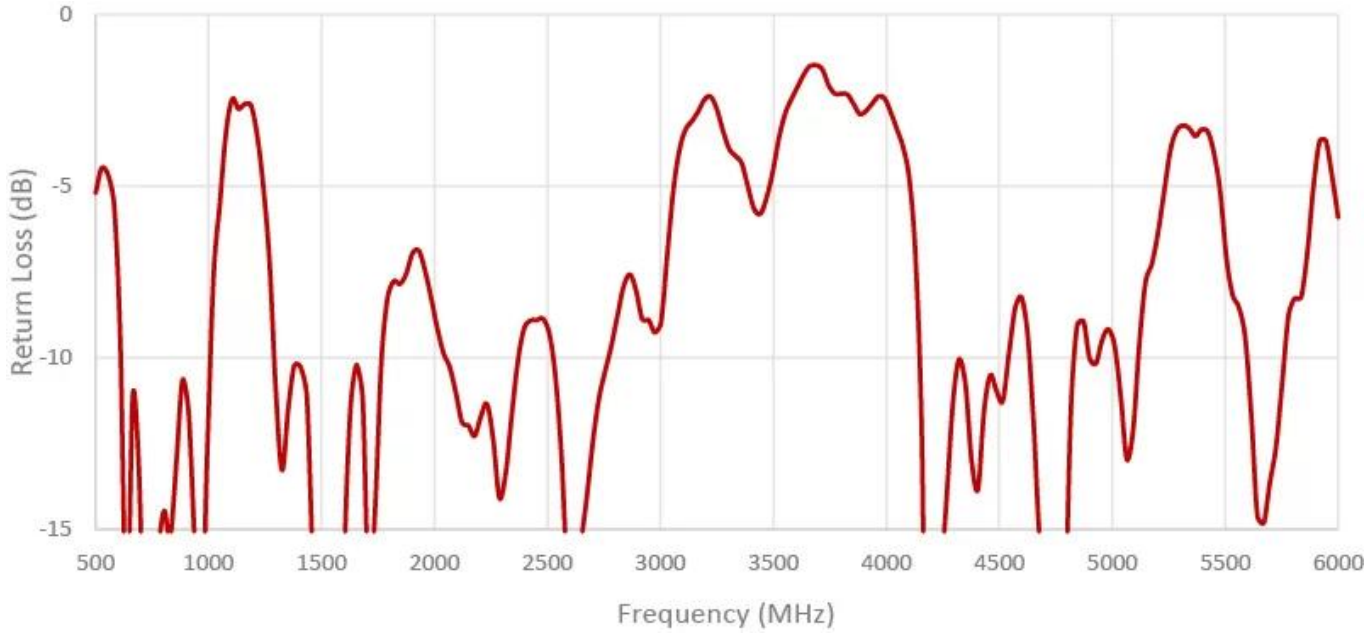
SPÉCIFICATIONS

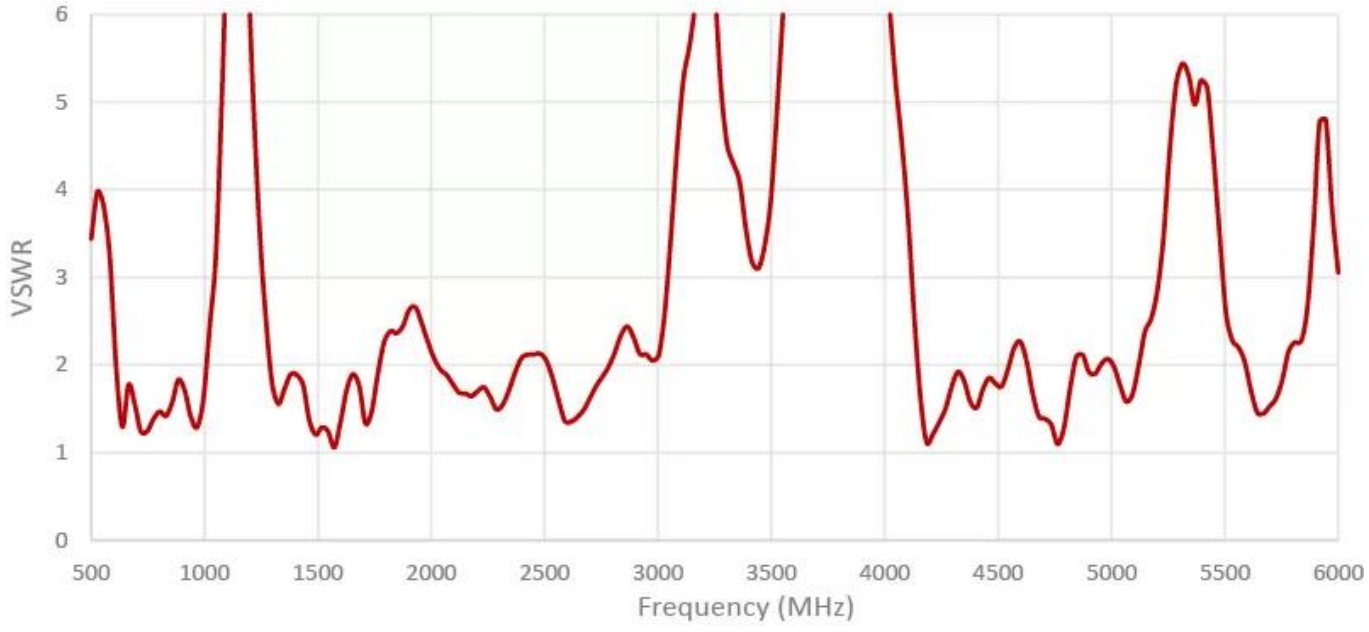
TYPE DE MONTAGE	Support adhésif
DIMENSIONS (MM)	155 × 19.5 × 0.9
MATÉRIEL	Fibre de verre rigide
COULEUR	blanc
T° DE FONCTIONNEMENT (°C)	-40 à +85
T° DE STOCKAGE (°C)	-40 à +85
HUMIDITÉ RELATIVE DE STOCKAGE (%)	Jusqu'à 93 à 30 C
SUBSTANCE COMPLIANCE	RoHS

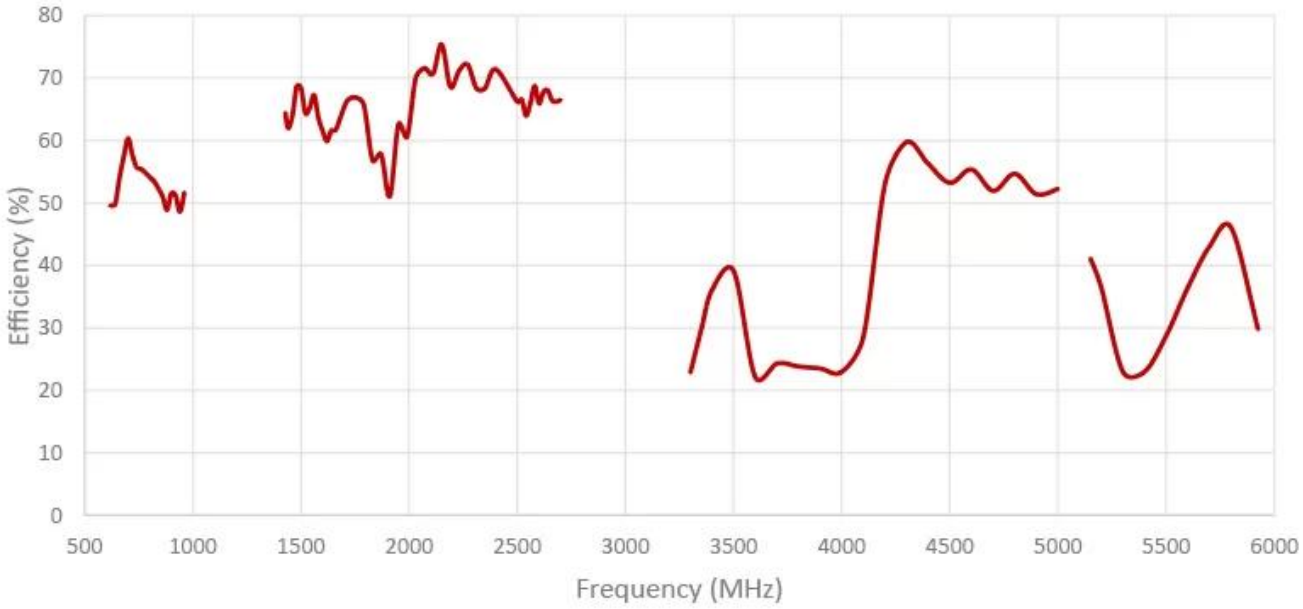
ENVIRONNEMENT

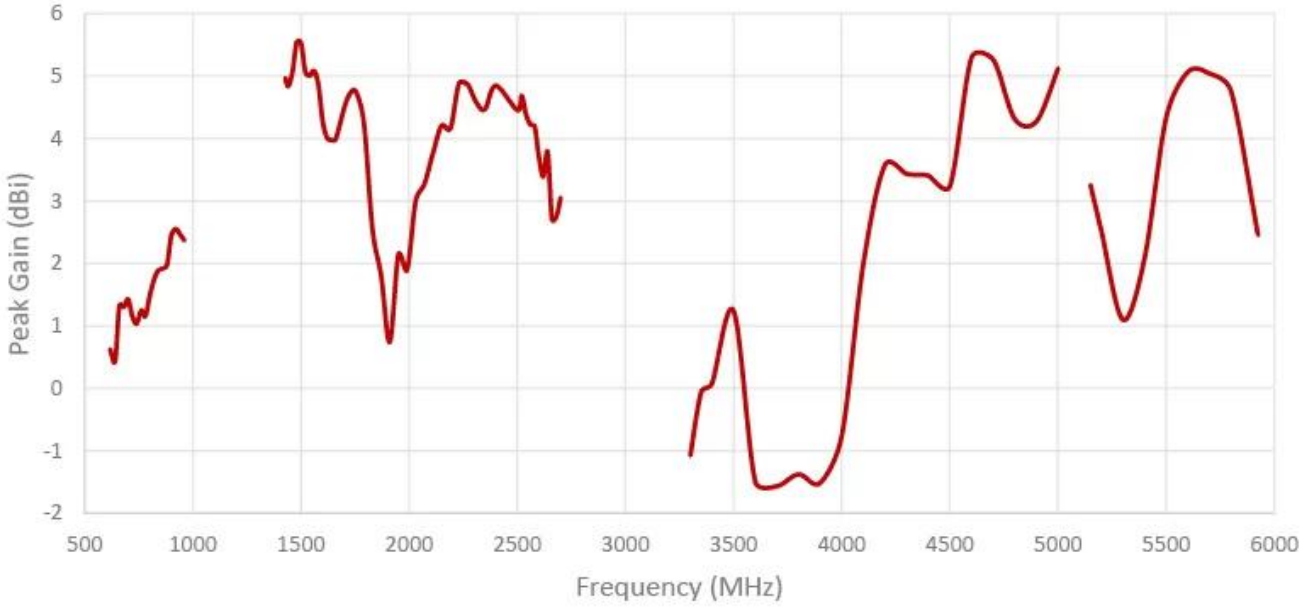
Cette gamme d'antenne est fabriquée sans matières dangereuses tout en maintenant une conformité totale avec **REACH et RoHS**.

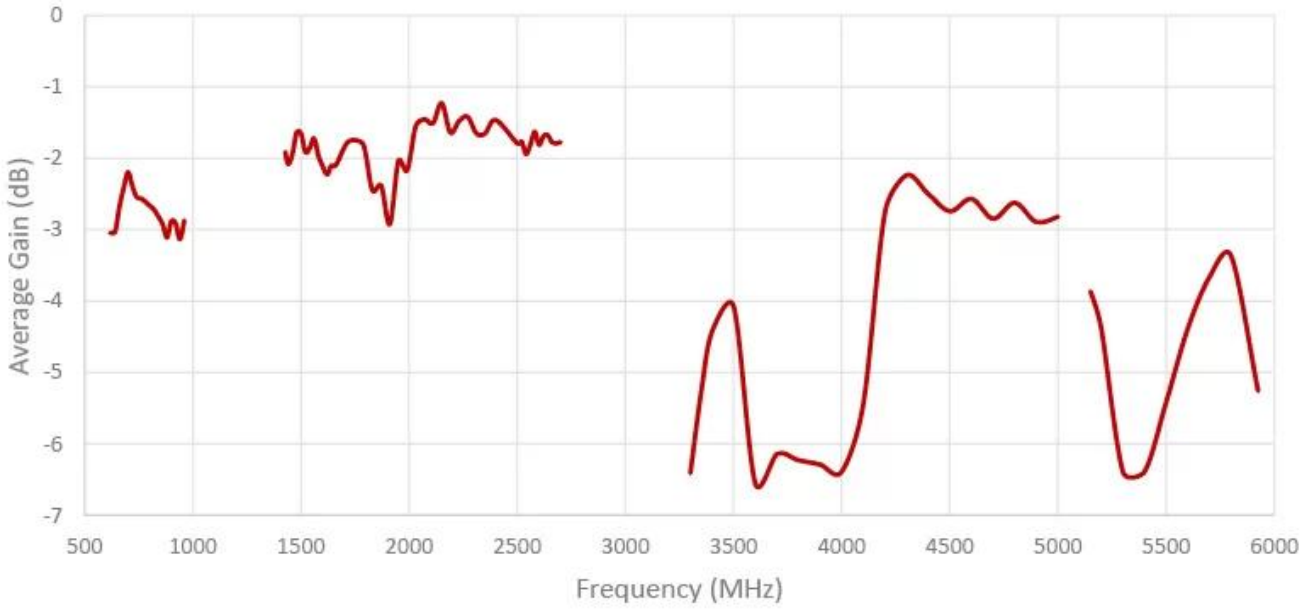
MESURES

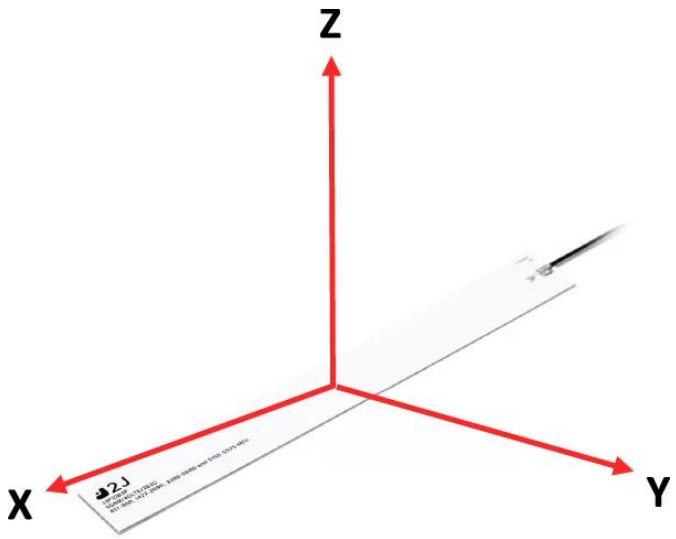

0
-5
-10
-15
Return Loss (dB)
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
Frequency (MHz)


6
5
4
3
2
1
0
VSWR
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
Frequency (MHz)

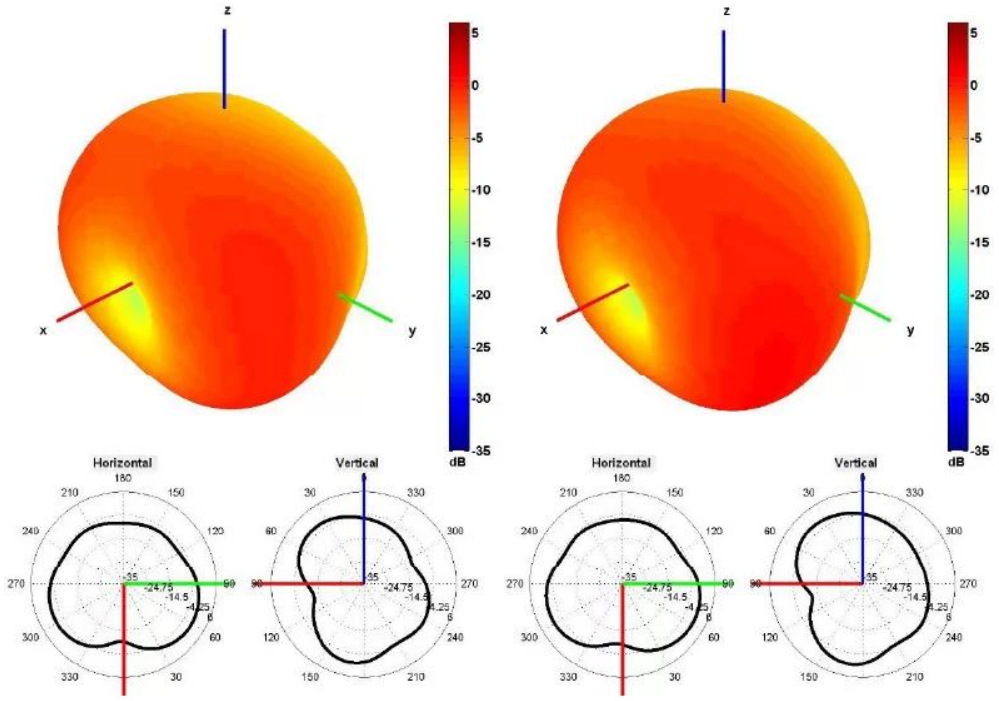

Efficiency (%)
80
70
60
50
40
30
20
10
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
Frequency (MHz)


Peak Gain (dBi)
6
5
4
3
2
1
0
-1
-2
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
Frequency (MHz)

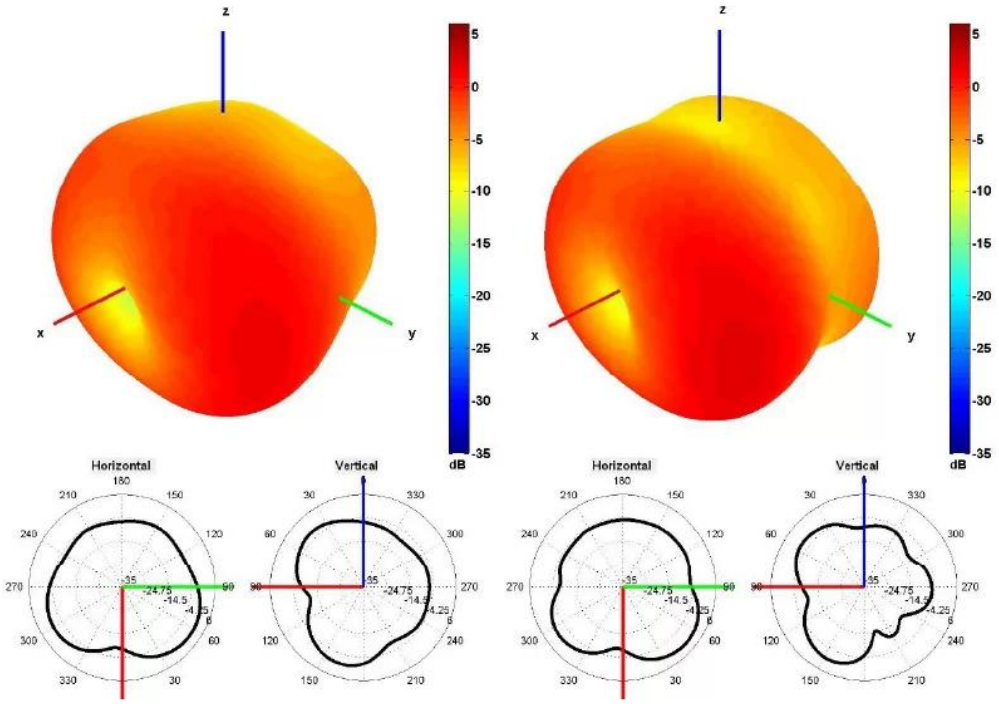




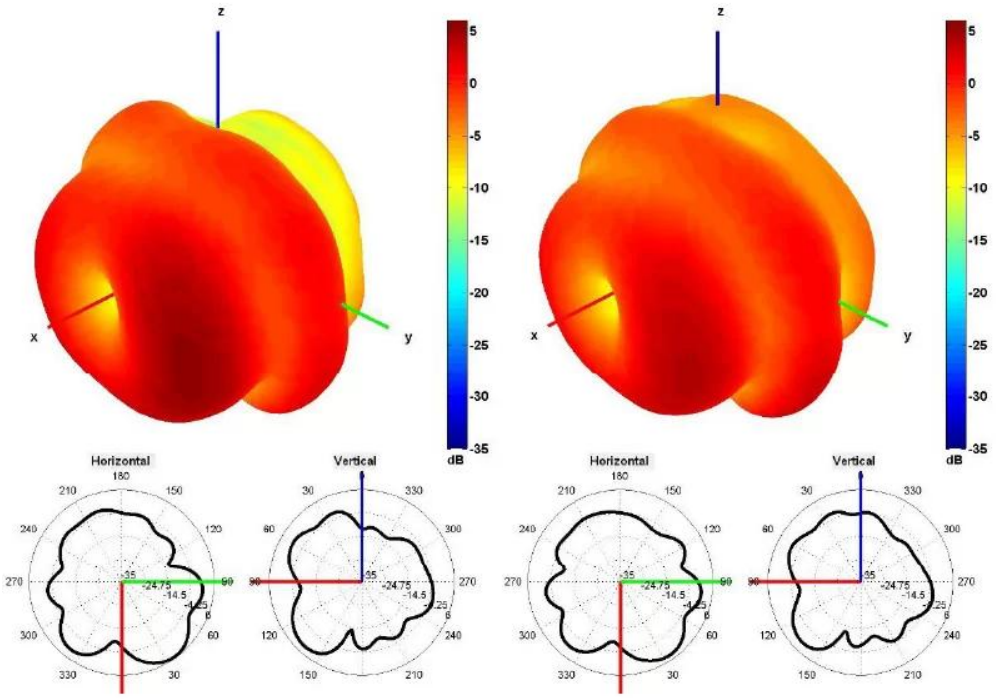
Radiation pattern reference



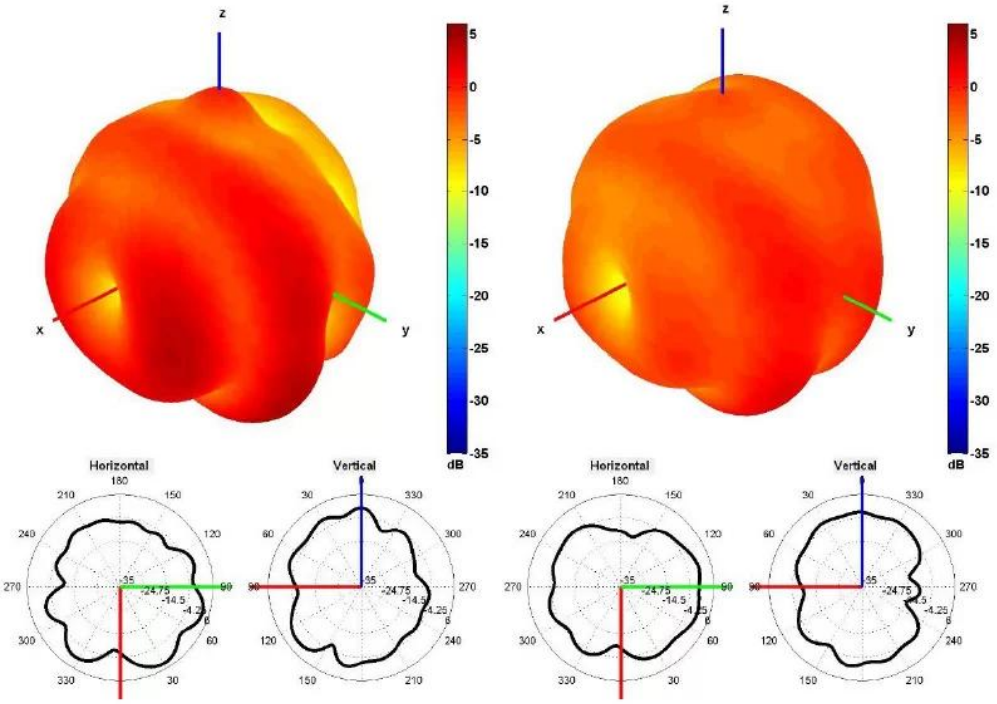
650 and 750 MHz Radiation pattern



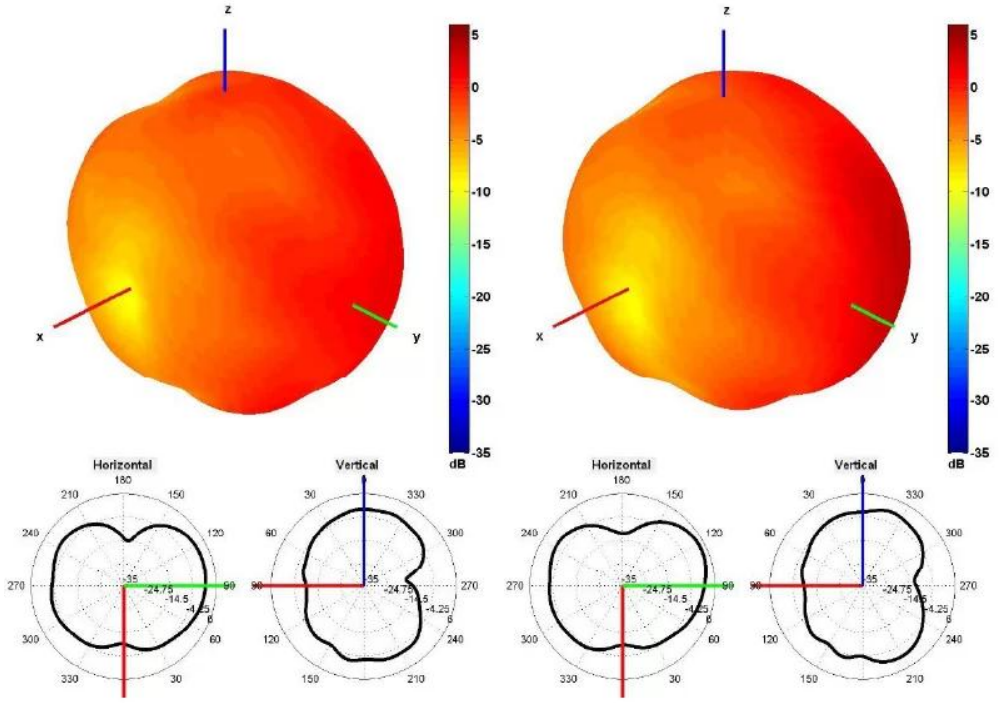
850 and 940 MHz Radiation pattern



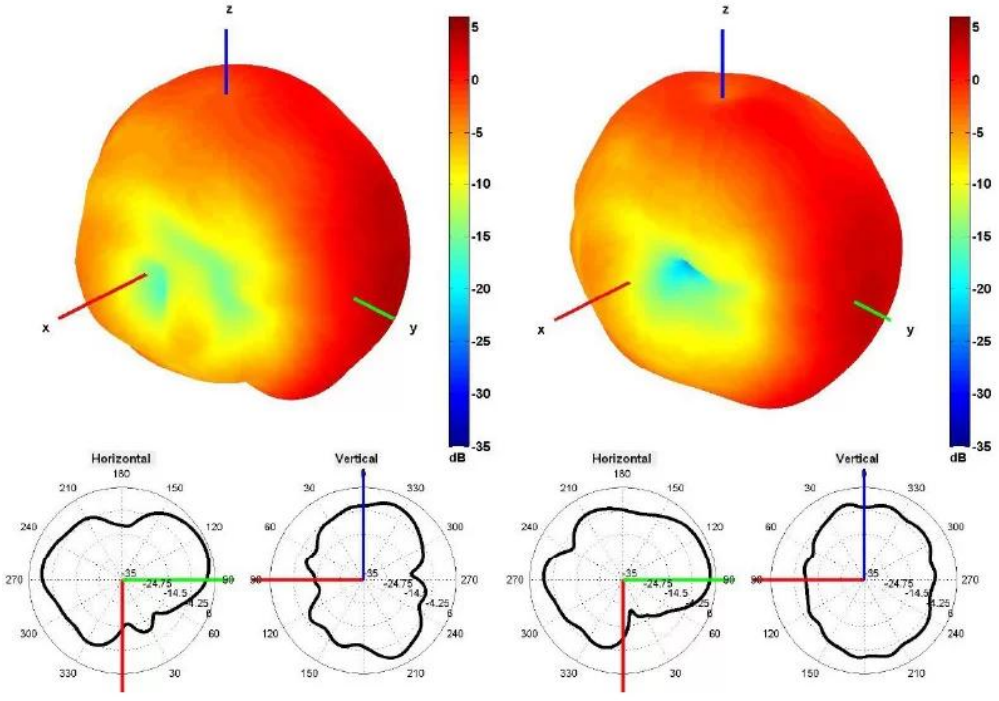
1500 and 1600 MHz Radiation pattern



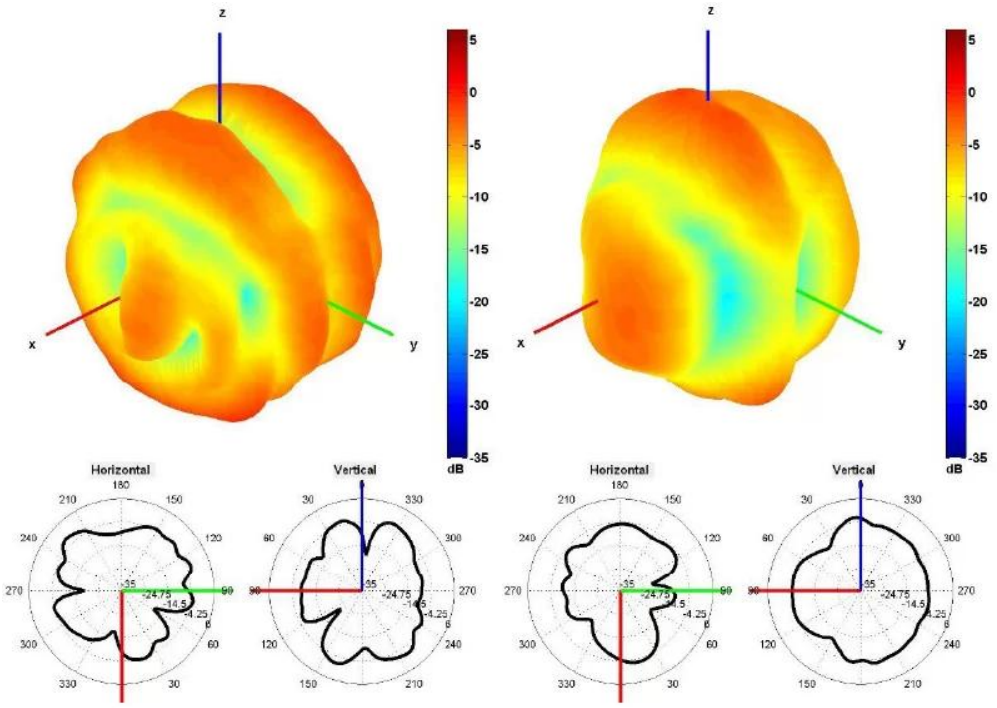
1750 and 1850 MHz Radiation pattern



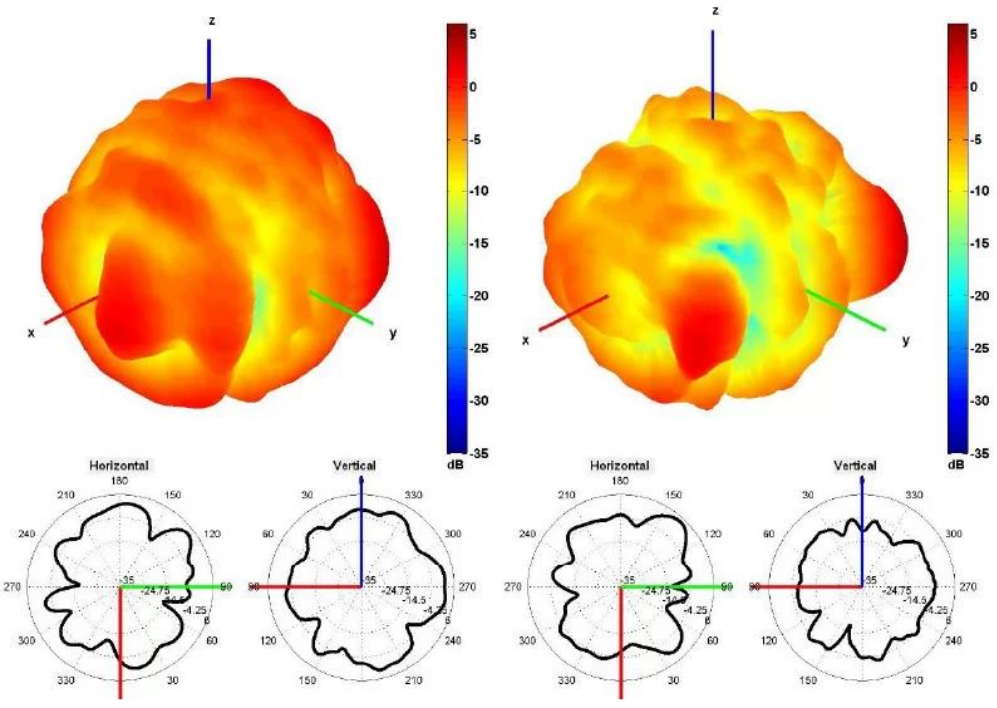
1950 and 2100 MHz Radiation pattern



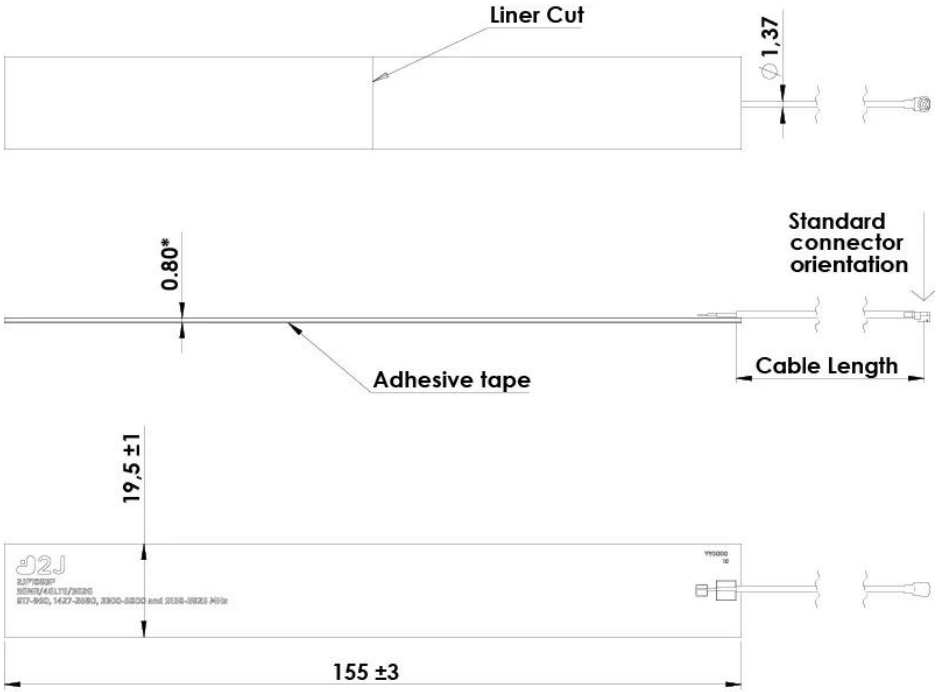
2350 and 2600 MHz Radiation pattern



3350 and 3600 MHz Radiation pattern



4500 and 5500 MHz Radiation pattern



*PCB thickness without Adhesive and Liner