

Antenne 3G/2G WiFi Bluetooth | 2.4dBi

Référence CC26DH

Gain	2.4dBi max.
VSWR	3 max.
Dimensions (mm)	22.6 x 7.6 x 3.2
T° de fonctionnement	-40°C à +85°C

CARACTÉRISTIQUES

FRÉQUENCES	824 à 960 MHz
VSWR	3 Max. (typique)
IMPÉDANCE	50 Ohms
POLARISATION	Linéaire
GAIN DE CRÊTE (À 895 MHZ)	1,1 dBi (typique)
EFFICACITÉ (À 895 MHZ)	75% (typique)
FRÉQUENCES	1710 à 2170 MHz
VSWR	3 Max. (typique)
IMPÉDANCE	50 Ohms
POLARISATION	Linéaire
GAIN DE CRÊTE (À 1950 MHZ)	2,4 dBi (typique)
EFFICACITÉ (À 1950 MHZ)	80% (typique)

SPÉCIFICATIONS

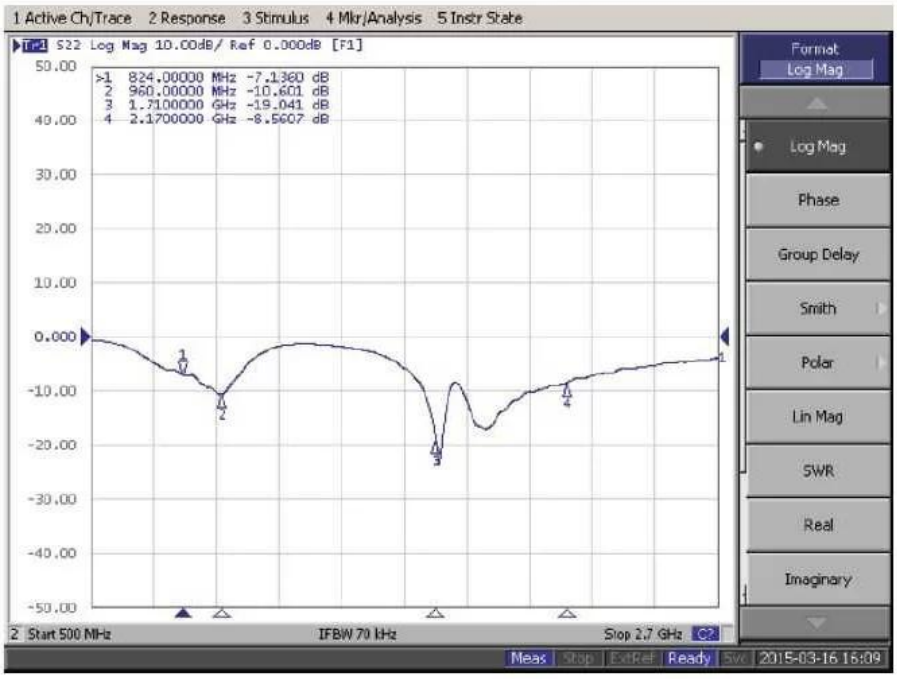
PUISSANCE D'ENTRÉE MAXIMALE	2 W
T° DE FONCTIONNEMENT	-40 °C à + 85 °C
TEMPÉRATURE DE STOCKAGE	-25 °C à + 85 °C
HUMIDITÉ RELATIVE	20% à 70%

ENVIRONNEMENT

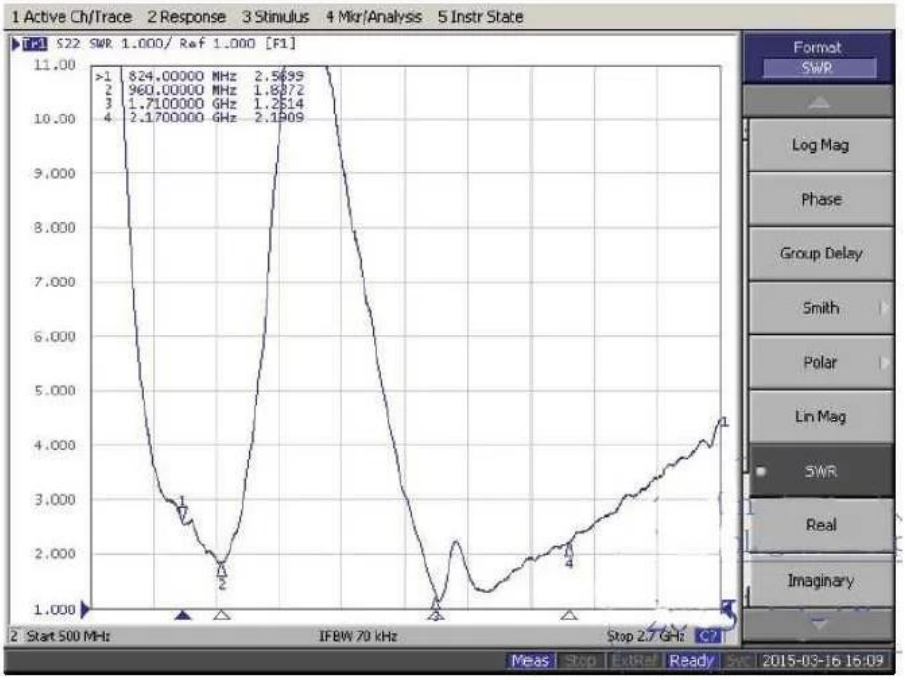
Certifiée **RoHS**.

MESURES

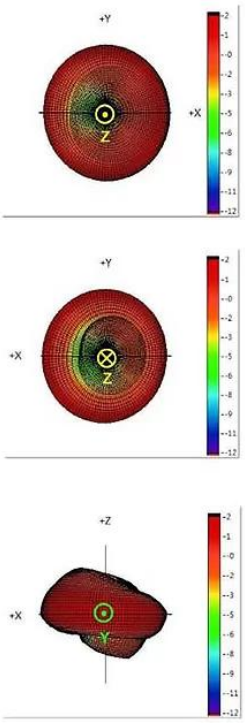
Return Loss (S11)

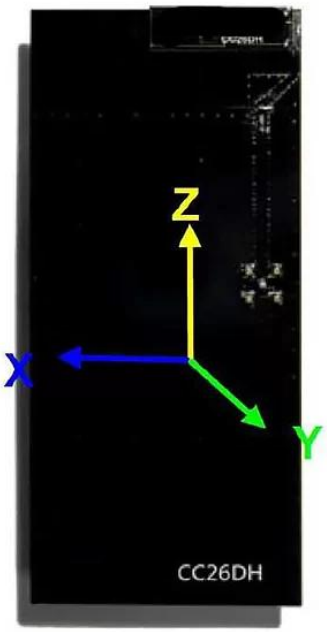


VSWR (S11)

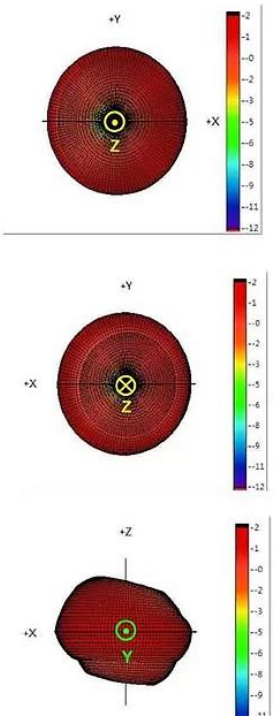


3D Gain Pattern @ 824MHz (unit=dBi)





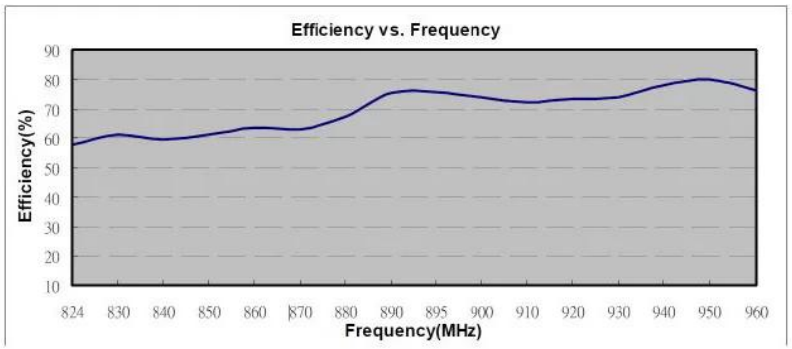
3D Gain Pattern @ 960MHz (unit=dBi)



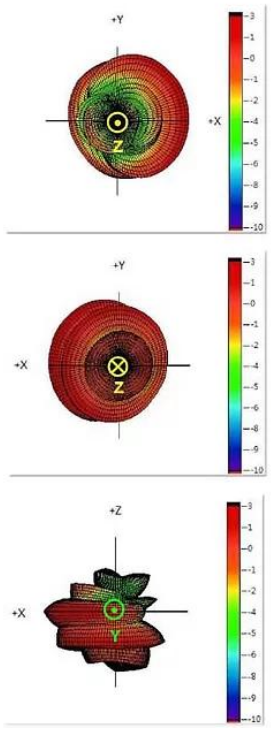
3D Efficiency Table

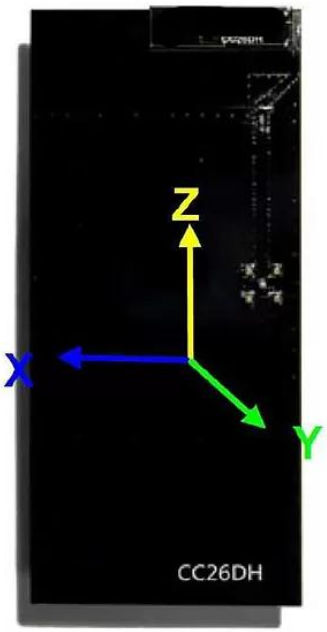
Frequency (MHz)	824	830	840	850	860	870	880	890	895	900	910	920	930	940	950	960
Efficiency (dBi)	-2.4	-2.1	-2.3	-2.1	-2.0	-2.0	-1.7	-1.2	-1.2	-1.3	-1.4	-1.4	-1.3	-1.1	-1.0	-1.2
Efficiency (%)	57.8	61.2	59.6	61.3	63.6	62.9	67.4	75.3	75.6	73.9	72.1	73.2	73.9	77.8	79.9	76.2
Gain (dBi)	0.2	0.5	0.2	0.1	0.5	-0.1	0.3	1.0	1.1	1.1	1.0	0.9	0.8	1.2	1.5	1.3

3D Efficiency vs. Frequency

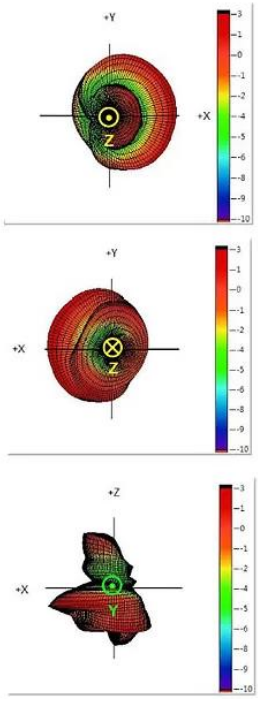


3D Gain Pattern @ 1710MHz (unit=dBi)





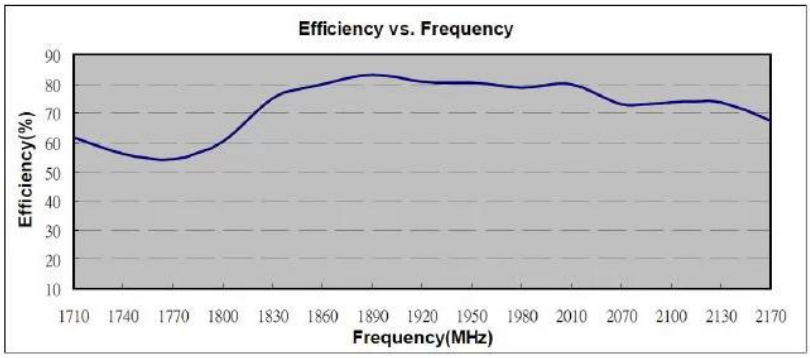
3D Gain Pattern @ 2170MHz (unit=dBi)

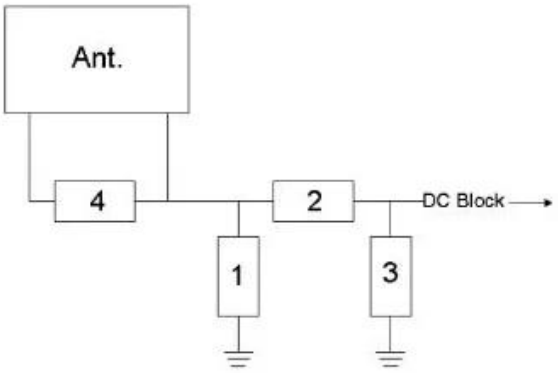


3D Efficiency Table

Frequency (MHz)	1710	1740	1770	1800	1830	1860	1890	1920	1950	1980	2010	2070	2100	2130	2170
Efficiency (dBi)	-2.1	-2.5	-2.7	-2.2	-1.2	-1.0	-0.8	-0.9	-0.9	-1.0	-1.0	-1.4	-1.3	-1.3	-1.7
Efficiency (%)	61.6	56.1	54.2	60.2	75.1	80.0	83.3	80.9	80.4	78.6	80.0	73.0	73.5	73.7	67.5
Gain (dBi)	0.9	-0.7	-0.9	1.6	2.2	2.4	2.6	2.3	2.4	2.2	2.0	1.1	1.0	0.8	0.9

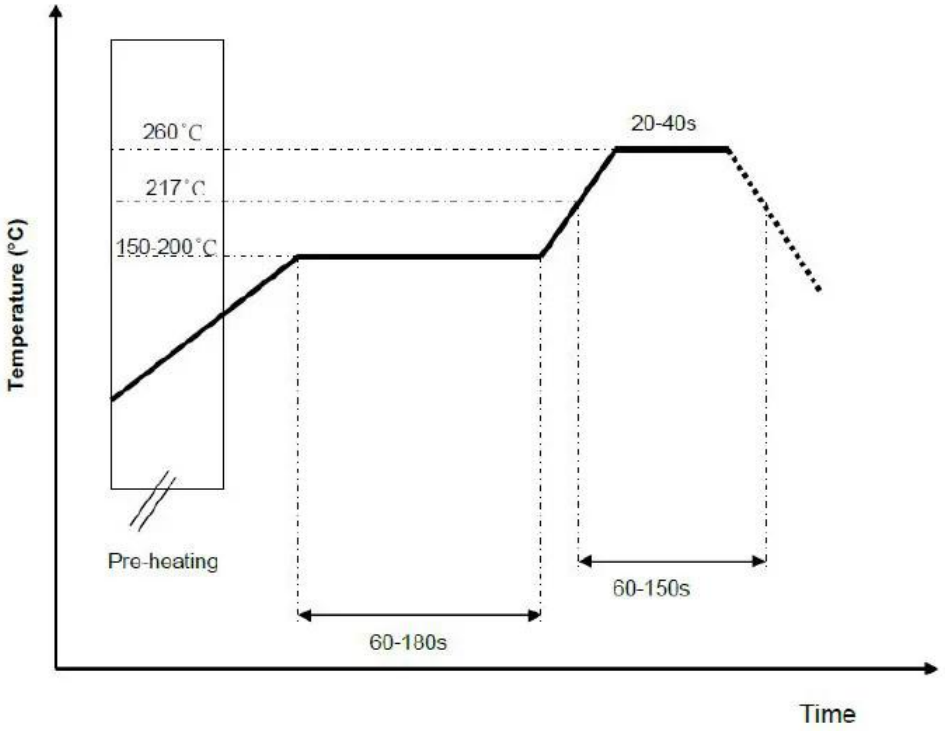
3D Efficiency vs. Frequency





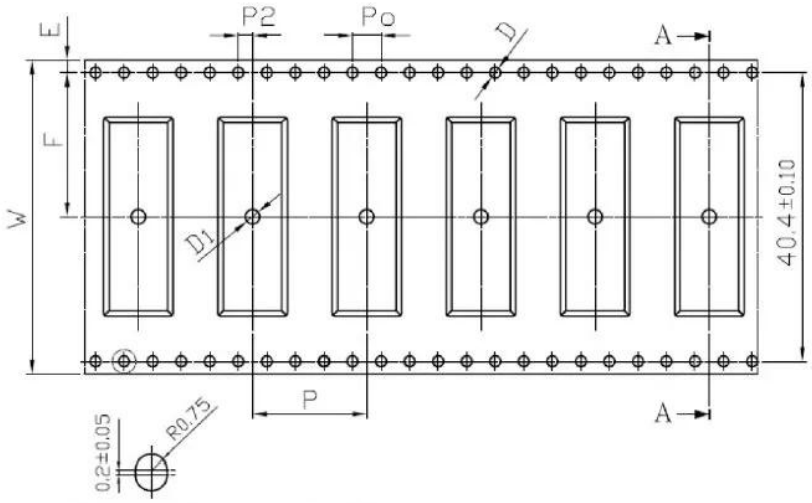
System Matching Circuit Component			
Location	**Description**	**Vendor**	**Tolerance**
1	8.2 nH*	DAFRON (0402)	± 5% nH
2	5 pF*	DAFRON (0402)	± 0.5 pF
3	N/A		
4	5.3 nH*	DAFRON (0402)	± 0.3 nH

* Typical reference values which may need to be changed when circuit boards or part vendors are different.



(1) Quantity/Reel : 1000 pcs/Reel

(2) Plastic tape :



1. 10 sprocket hole pitch cumulative tolerance ± 0.20mm.
2. Carrier camber not to exceed 1mm in 250mm
5. All dimensions meet EIA-481-D requirements.
6. Material : - Clear non Anti-Static Polystyrene.
   - Black Conductive Polystyrene.