

Specification for N2820-PL 4G Antenna

一、Sample Picture



二、Product Parameters

Antenna name	4G Antenna	Type of Antenna	FPC
Operating Frequency	W: B2/4/5 LTE: B2/4/5/12/13/66	Storage Temperature	-40℃--+80℃
Input Impedance	50 ohm	Color	black

二、Passive Performance

Gain and Efficiency

Frequency(MHZ)	Gain (dBi)	Efficiency()
700	-0.27	31%
894	0.78	36%
1710	1.00	51%
1880	0.92	51%
2155	0.86	45%

三、VSWR & Return Loss

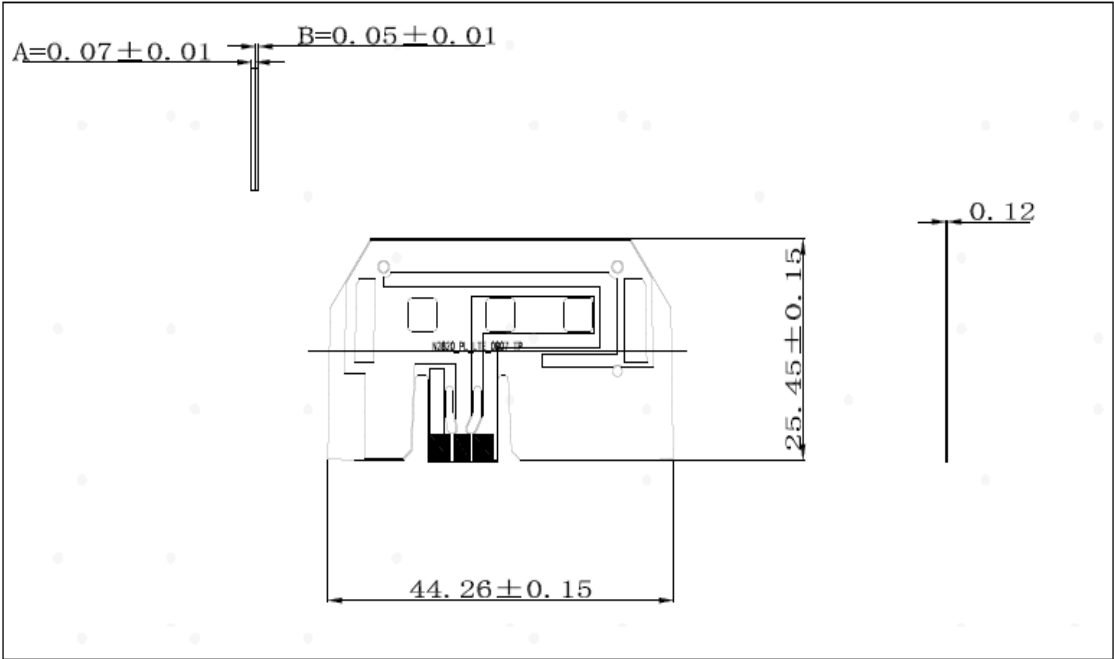
Frequency	700MHZ	824MHZ	960MHZ	1880MHZ	1990MHZ	2170MHZ
VSWR	6.19	1.47	6.5	1.15	1.79	1.33
RL	-2.87	-14.38	-2.69	-23.047	-10.93	-16.91



四、OTA Performance

Band	Channel	(FS)		Band	Channel	(FS)	
		TRP/dBm	TIS/dBm			TRP/dBm	TIS/dBm
W2	L	20.03		W4	L	20.65	
	M	20.15			M	20.94	
	H	20.28	-107.61		H	20.57	-106.44
W5	L	19.85		LTE B4	L	20.43	
	M	20.44			M	20.27	
	H	20.23	-105.91		H	20.02	-94.35
LTE B2	L	20.17		LTE B7	L	20.01	
	M	20.64			M	20.10	
	H	20.72	-95.62		H	19.53	-92.28
LTE B5	L	19.35		LTE B13	L	20.56	
	M	20.33			M	20.45	
	H	19.81	-92.55		H	20.76	-92.84
LTE B12	L	19.39		LTE B66	L	20.10	
	M	19.33			M	20.31	
	H	19.74	-93.36		H	20.54	-93.24

五、Structure Diagram



Specification for N2820-PL WIFI Antenna

一、Sample Picture



二、Product Parameters

Antenna name	WIFI Antenna	Type of Antenna	FPC
Operating Frequency	2.4G-2.5GHZ	Storage Temperature	-40℃--+85℃
Input Impedance	50 ohm	Color	black

二、Performance

Gain and Efficiency

Frequency(MHZ)	Gain(dBi)	Efficiency
2400	1.59	42%
2500	1.87	45%

三、VSWR & Return LOSS

Frequency	2400MHZ	2450MHZ	2500MHZ
VSWR	1.99	1.62	1.85
RL	-9.57	-12.44	-10.47



四、Structure Diagram

