

Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

The name of the company: Shenzhen MADIGI Electronic Technology Co., Ltd.

The material code: _____

specifications: N116HJ01

Admitted to date: _____

The name of the supplier: Shenzhen Yishengbang Technology Co., Ltd

Supplier standard type number: 5G-0 SLK-MDJ-5022-M-110IV-B

5G-1:SLK-MDJ-7219A-R-135IV-W 5G-2:SLK-MDJ-4911-R-325IV-G

5G-3:SLK-MDJ-6507-R-365IV-B WIFI MAIN:SLK-MDJ-P3707-R-227IV-B

WIFI AUX:SLK-MDJ-P3707-R-273IV-G

Admit signature					
For acceptance by the contractor			Shenzhen MADIGI Electronic Technology Co., Ltd		
The engineer	The reviewer	approved	The engineer	The reviewer	approved
Shi Lian Chen	Zen Huang	Meicai lin			
Signed and sealed			Signed and sealed		
date	2021-8-29		date		
instructions: <input type="checkbox"/> accept <input type="checkbox"/> Conditional acceptance					
note:					

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier address: 608, Building B, Shenzhen Qianwan Hard Technology Industrial Park, Bao 'an District, Shenzhen

telephone: 18025305599

telephone: 18666299104

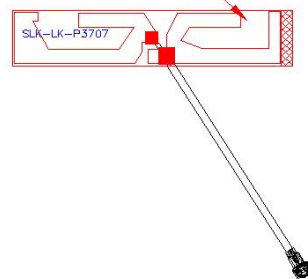
WIFI MAIN Antenna (P3707)

1. Explanation of Product number :

S L K - M D J - P 3 7 0 7 - R - 2 2 7 I V - B

1 2 3 4 5

Double-sided tape on the back



Product Code:

(1) Customer:

MDJ:MADIGI

(2) Project:

P3707: SLK-MDJ-P3707 (WIFI MAIN antenna)

(3) Welding Position

R:Right

(4) Cable Length:

227IV: 227*0.81MM four-generation terminals

(5)Cable Color

B: Black

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (a/b/g/n)
- * Hand-held devices when WIFI (802.11a/b/g/n) functions are needed

4. Description

Holy bond's PCB antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond's proprietary design and processes, this PCB antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

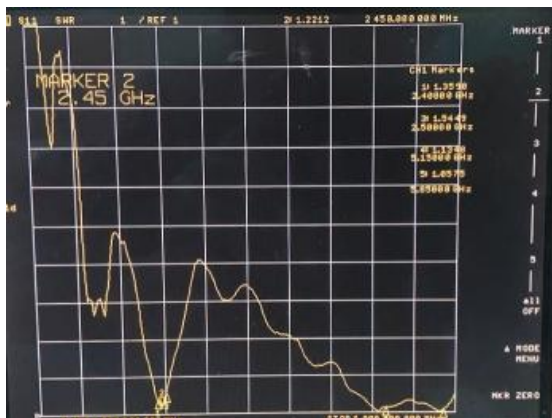
5. Electrical Specifications

5-1

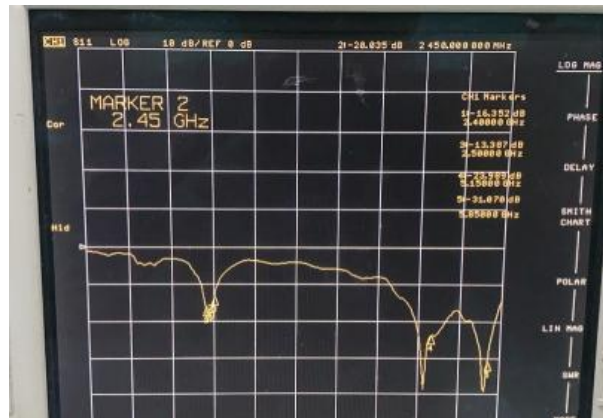
Characteristics	Specifications	Unit
Outline Dimensions	36.8x 7.63x 1	mm
Center Frequency	2.4-2.5+5.15-5.90	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

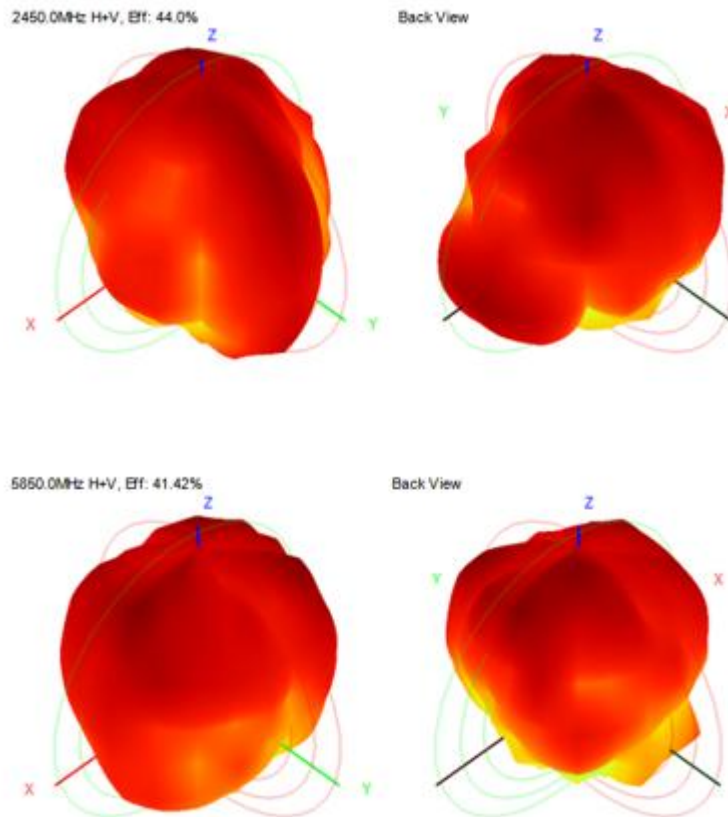


S11



5-3.WIFI MAIN Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency	Efficiency	Gain (dBi)	Efficiency (%)
2400.0	-3.68	1.93	41.26
2410.0	-3.67	2.06	42.36
2420.0	-3.59	2.19	42.25
2430.0	-3.52	2.26	44.57
2440.0	-3.66	2.37	42.39
2450.0	-3.63	2.51	43.99
2460.0	-3.58	2.46	43.54
2470.0	-3.67	2.25	43.15
2480.0	-3.73	2.20	42.03
2490.0	-3.68	2.12	42.19
2500.0	-3.70	1.88	41.28
5150.0	-3.59	3.52	44.43
5350.0	-3.47	2.12	46.38
5550.0	-3.57	2.26	44.76
5650.0	-3.52	3.00	43.43
5850.0	-3.85	3.02	41.42



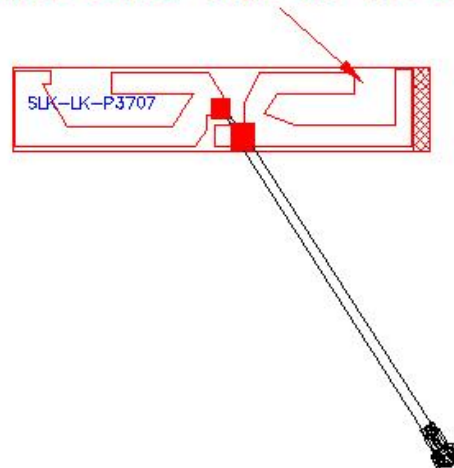
WIFI AUX Antenna (P3707)

1. Explanation of Product number :

S L K - M D J - P 3 7 0 7 - R - 2 7 3 I V - G

1 2

Double-sided tape on the back



Product Code:

(1) Customer:

MDJ:MADIGI

(2) Project:

P3707: SLK-MDJ-P3707 (WIFI AUX antenna)

(3) Welding Position

R:Right

(4) Cable Length:

273IV: 273*0.81MM four-generation terminals

(5)Cable Color

G: Grey

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Description

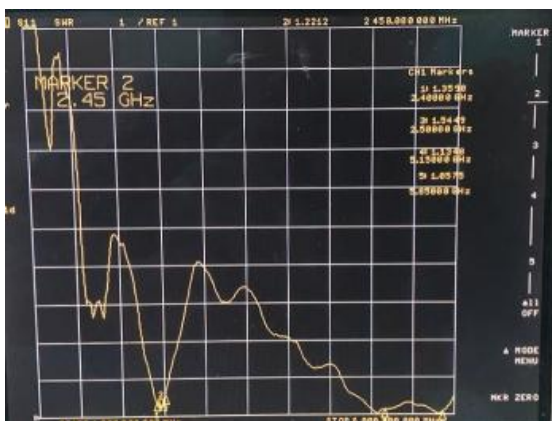
Holy bond's PCB antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond's proprietary design and processes, this PCB antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

4. Electrical Specifications

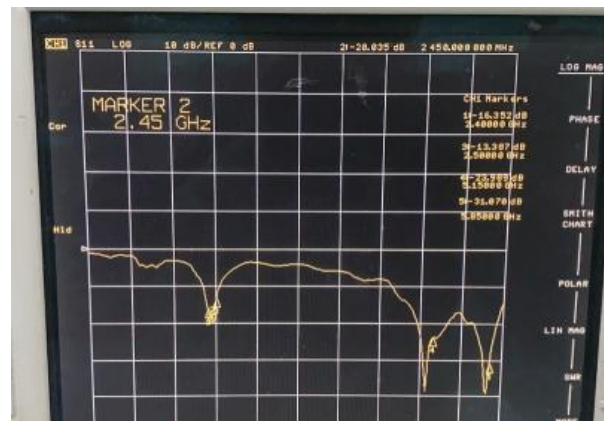
Characteristics	Specifications	Unit
Outline Dimensions	36.8x 7.63x1	mm
Center Frequency	2.4-2.5+5.15-5.90	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2

VSWR



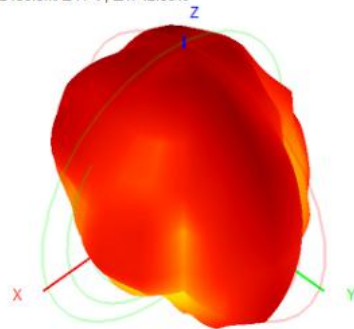
S11



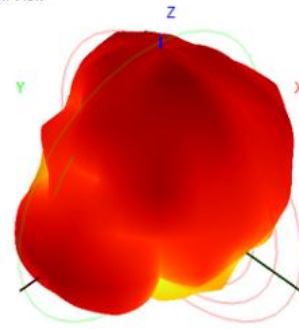
5-3.WIFI MAIN Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency	Efficiency	Gain (dBi)	Efficiency (%)
2400.0	-3.82	2.43	40.02
2410.0	-3.74	2.32	40.09
2420.0	-3.65	2.29	40.15
2430.0	-3.68	2.22	41.12
2440.0	-3.63	2.16	41.26
2450.0	-3.66	1.97	42.09
2460.0	-3.68	1.95	42.14
2470.0	-3.70	2.28	41.82
2480.0	-3.76	2.20	41.46
2490.0	-3.73	2.35	40.76
2500.0	-3.76	2.57	40.17
5150.0	-3.77	3.55	42.74
5350.0	-3.79	3.12	42.38
5550.0	-3.65	2.86	43.26
5650.0	-3.56	2.54	43.43
5850.0	-3.96	3.17	41.69

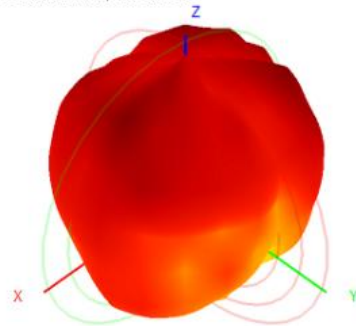
2450.0MHz H+V, Eff: 42.09%



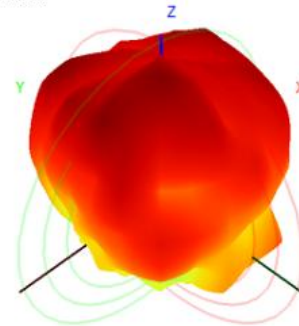
Back View



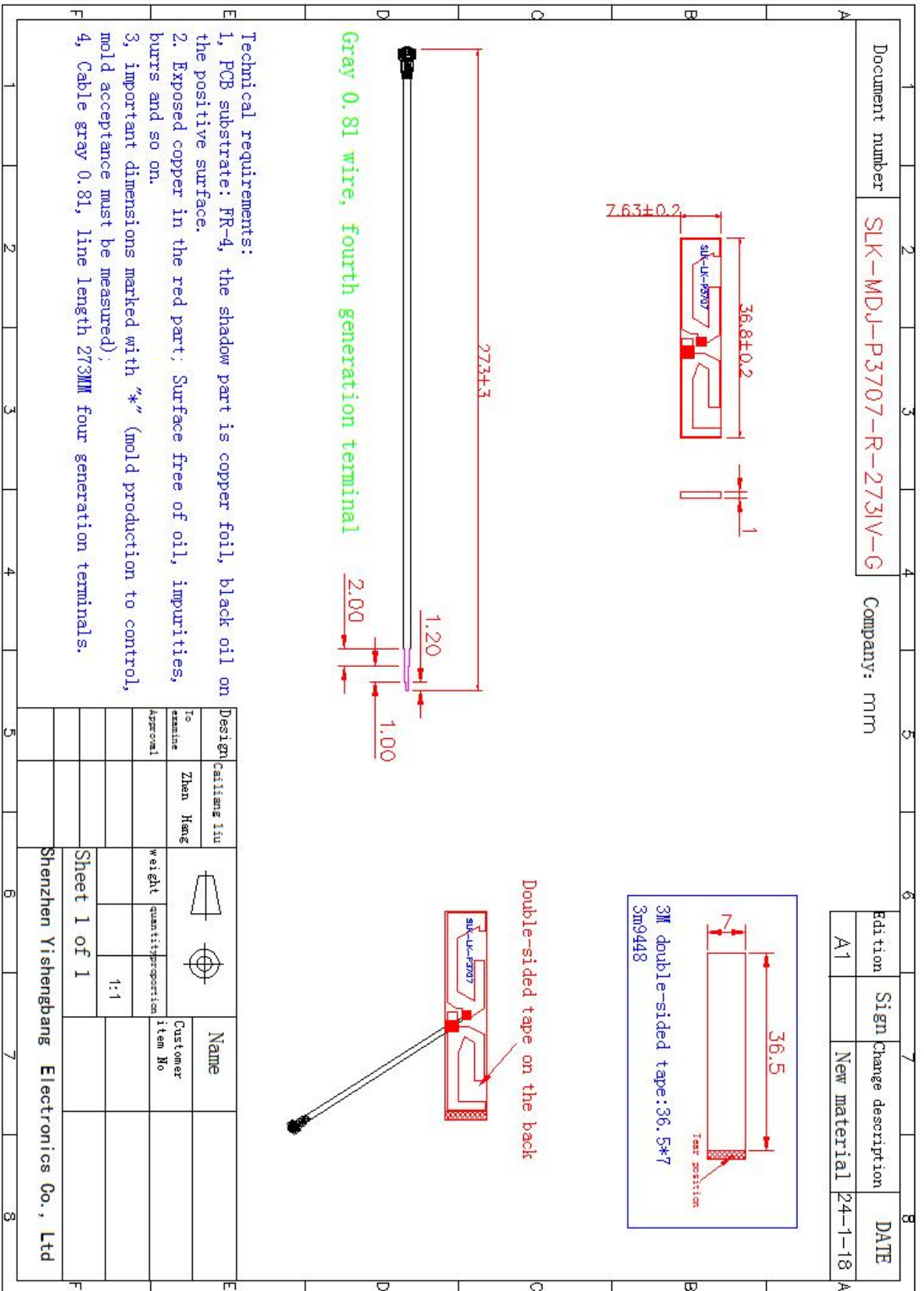
5850.0MHz H+V, Eff: 41.69%



Back View



6. Antenna Dimensions (unit: mm)

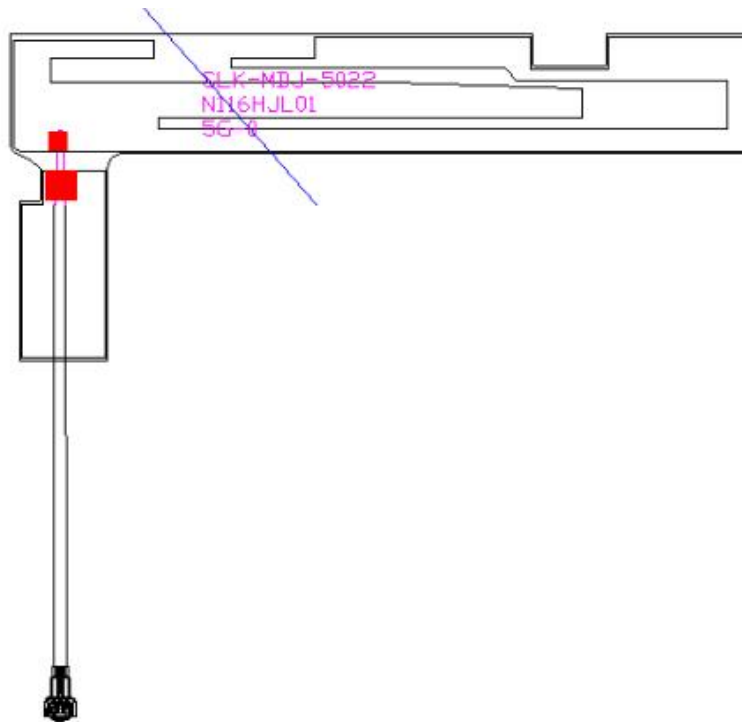


5G -0 Antenna (5022)

1. Explanation of Product number:

S L K - M D J - 5 0 2 2 - M - 1 1 0 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

MDJ:MADIGI

(2) Project:

5022: SLK-5022 (5G 0 antenna)

(3) Welding Position

M: Middle

(4) Cable Length:

110IV: 110*0.81MM four-generation terminals

(5) Cable Color

B: Black

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Description

Holy bond's FPC antenna series are specially designed for 5G applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

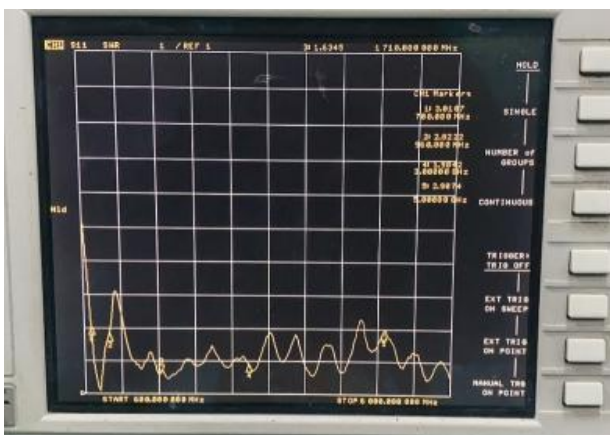
4. Electrical Specifications

4-1

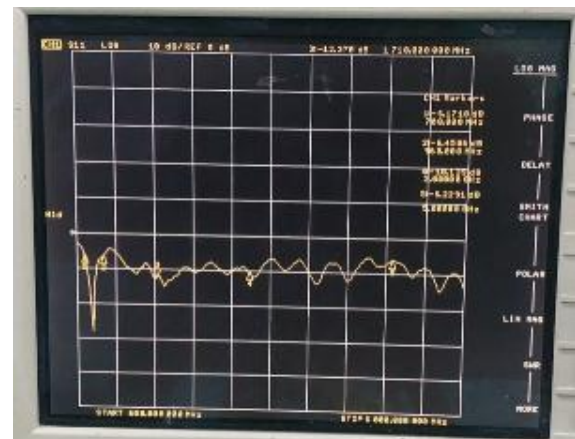
Characteristics	Specifications	Unit
Outline Dimensions	50.16x22.12x 0.12	mm
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	5max	
Impedance	50	Ω
Polarization	Linear Polarization	

4-2

VSWR

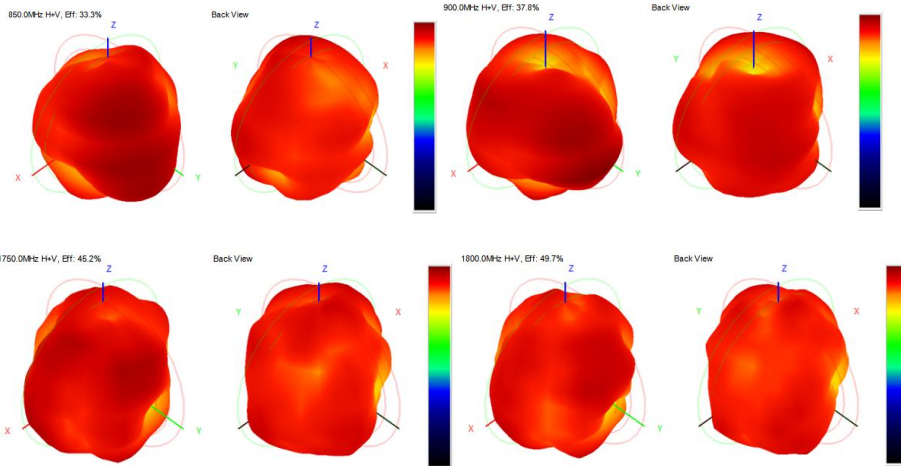


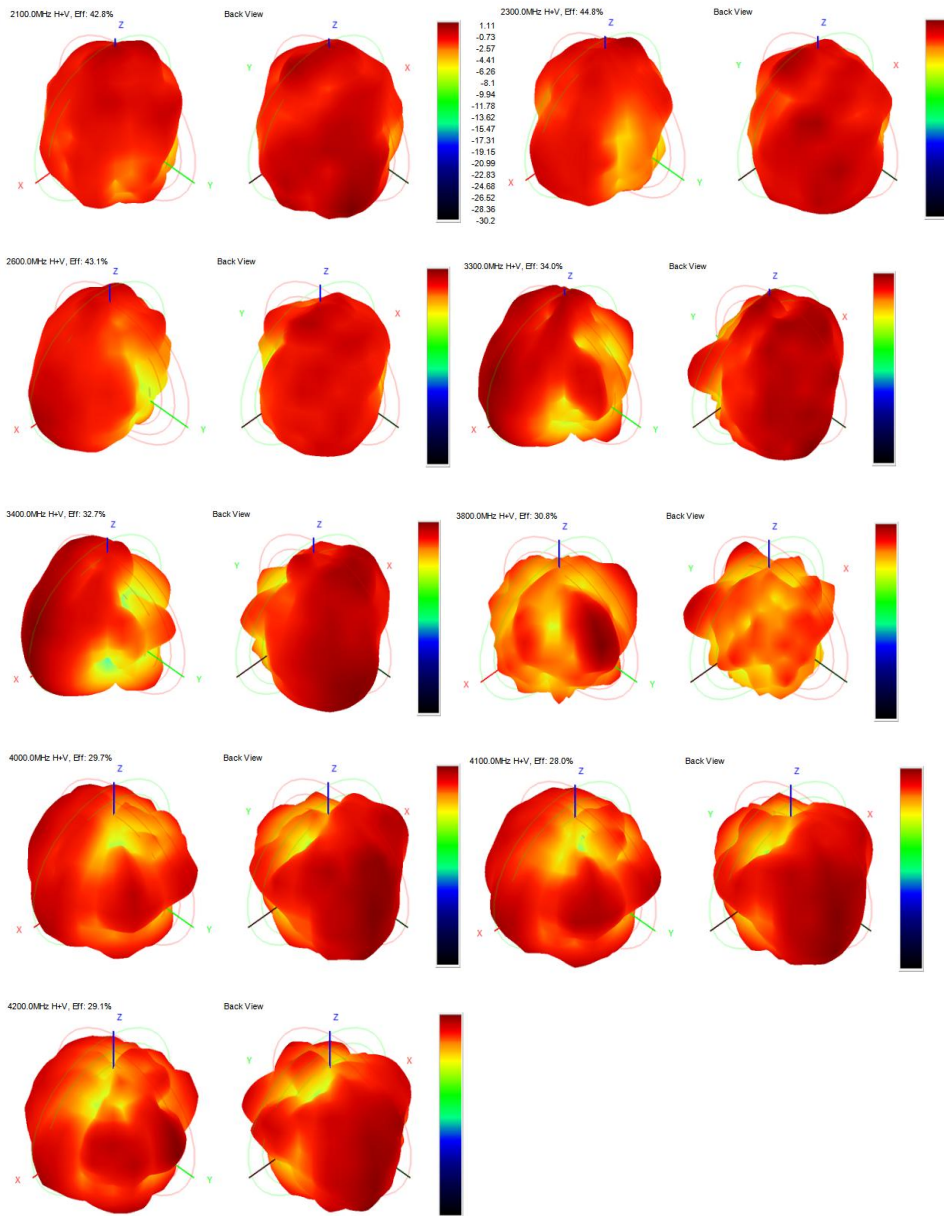
S11



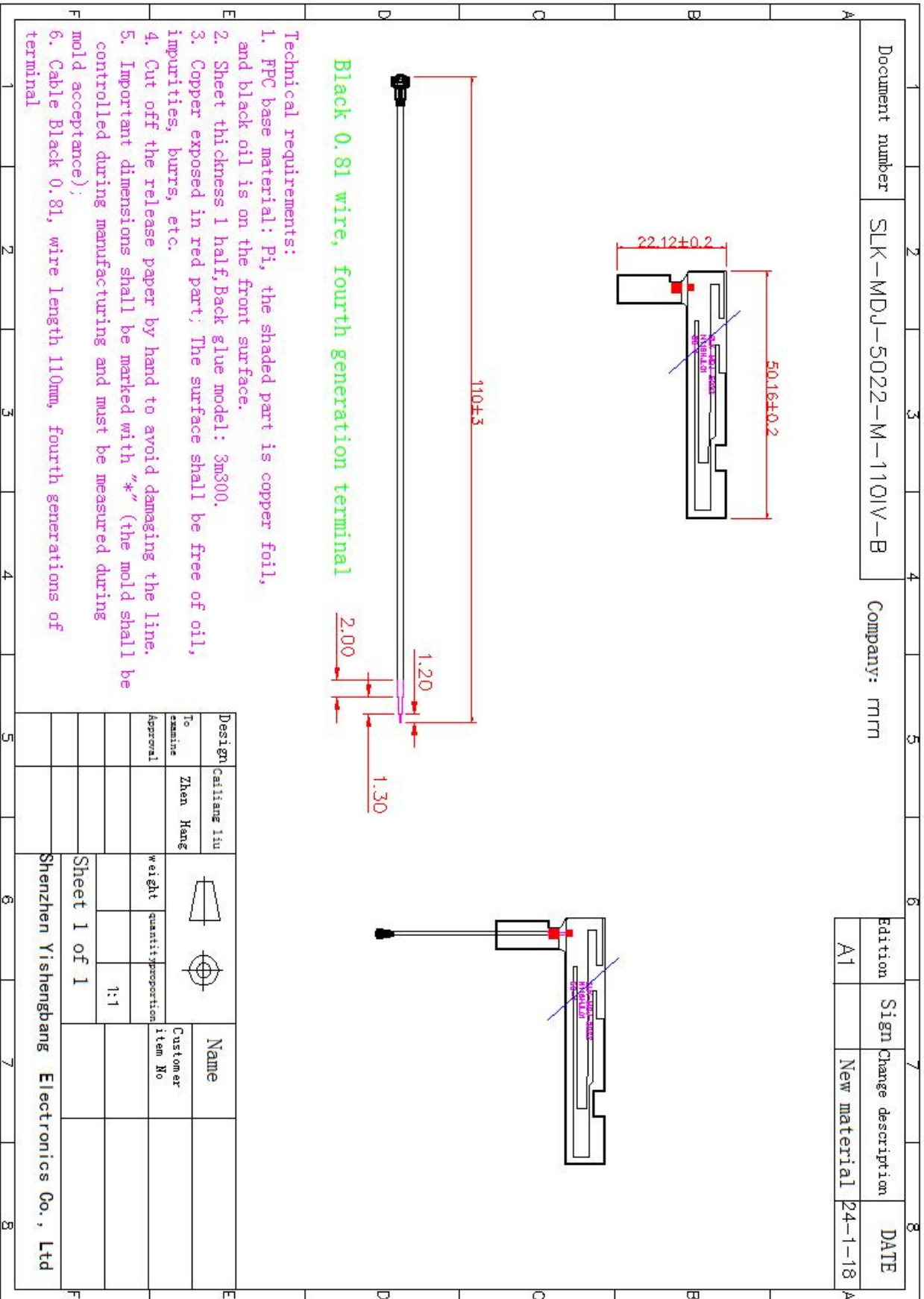
4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
800.0	-4.59	0.46	34.73
850.0	-4.77	0.01	33.32
900.0	-4.22	0.49	37.81
950.0	-3.92	0.62	35.55
1700.0	-3.74	1.08	32.24
1750.0	-3.45	1.43	35.22
1800.0	-3.04	2.49	34.65
1850.0	-3.08	2.46	30.23
1900.0	-3.13	2.26	34.26
1950.0	-3.08	1.98	34.24
2050.0	-3.49	0.22	34.78
2100.0	-3.69	1.11	32.77
2150.0	-3.91	2.24	30.64
2200.0	-3.79	2.04	31.76
2300.0	-3.49	1.84	34.84
2400.0	-3.54	1.19	34.26
2500.0	-3.43	2.06	35.35
2600.0	-3.66	2.16	33.09
2700.0	-3.66	1.39	33.01
3300.0	-3.68	0.07	34.04
3400.0	-3.86	0.07	32.69
3500.0	-3.91	0.13	32.29
3600.0	-3.36	1.11	28.10
3700.0	-3.53	2.73	27.65
3800.0	-3.42	2.35	30.83
3900.0	-3.66	0.31	27.14
4000.0	3.27	0.25	29.75
4100.0	-3.53	0.95	27.98
4200.0	3.76	1.90	29.07





5. Antenna Dimensions (unit: mm)

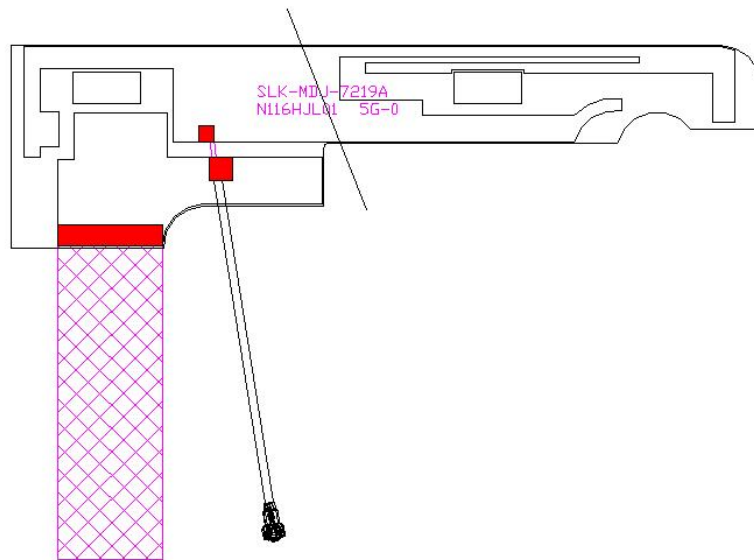


5G -1 Antenna (7219A)

1. Explanation of Product number:

S L K - M D J - 7 2 1 9 A - R - 1 3 5 I V - W

1 2 3 4 5



Product Code:

(1) Customer:

MDJ:MADIGI

(2) Project:

7219A: SLK-7219A(5G 1 antenna)

(3) Welding Position

R: Right

(4) Cable Length:

135IV: 135*0.81MM four-generation terminals

(5) Cable Color

W: White

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Description

Holy bond's FPC antenna series are specially designed for 5G applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

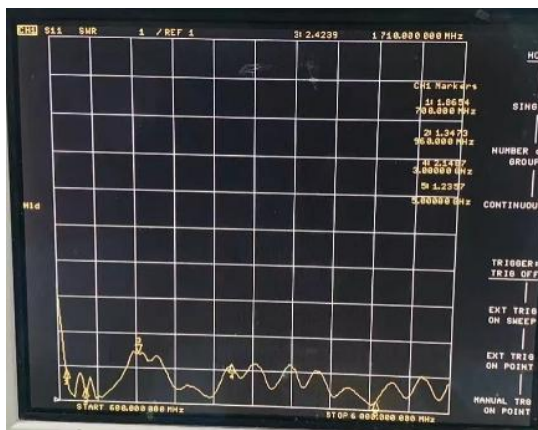
4. Electrical Specifications

4-1

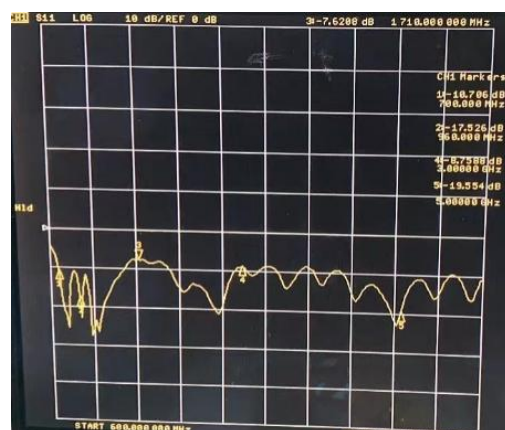
Characteristics	Specifications	Unit
Outline Dimensions	72x19.4x 0.12	mm
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	5max	
Impedance	50	Ω
Polarization	Linear Polarization	

4-2

VSWR

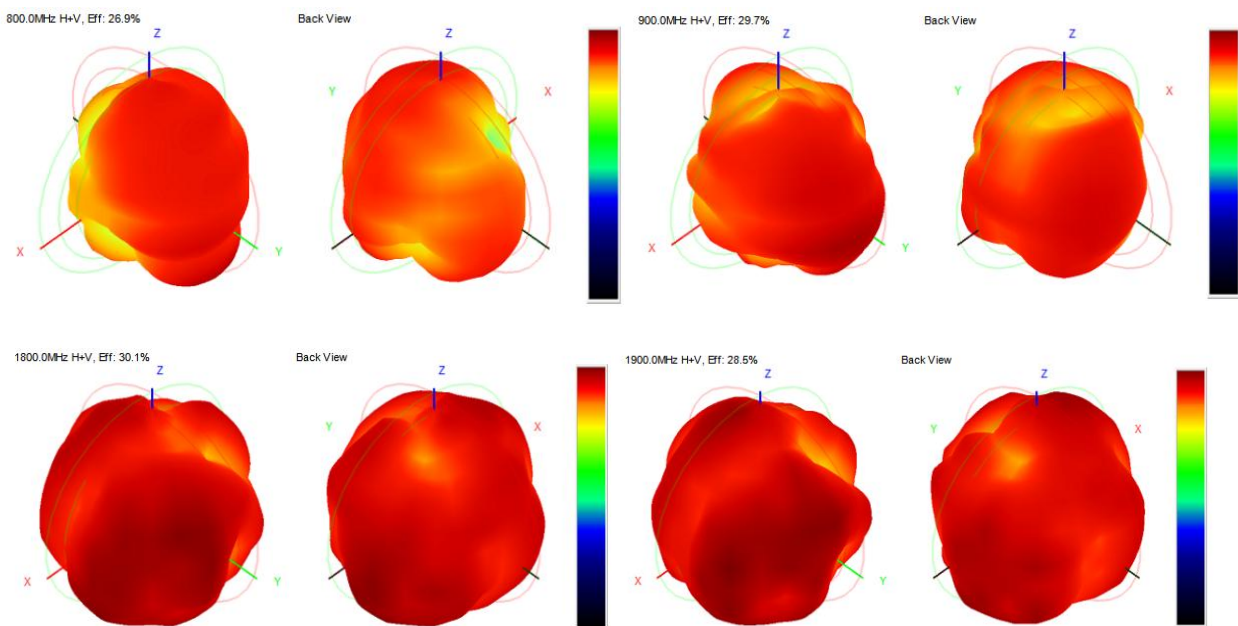


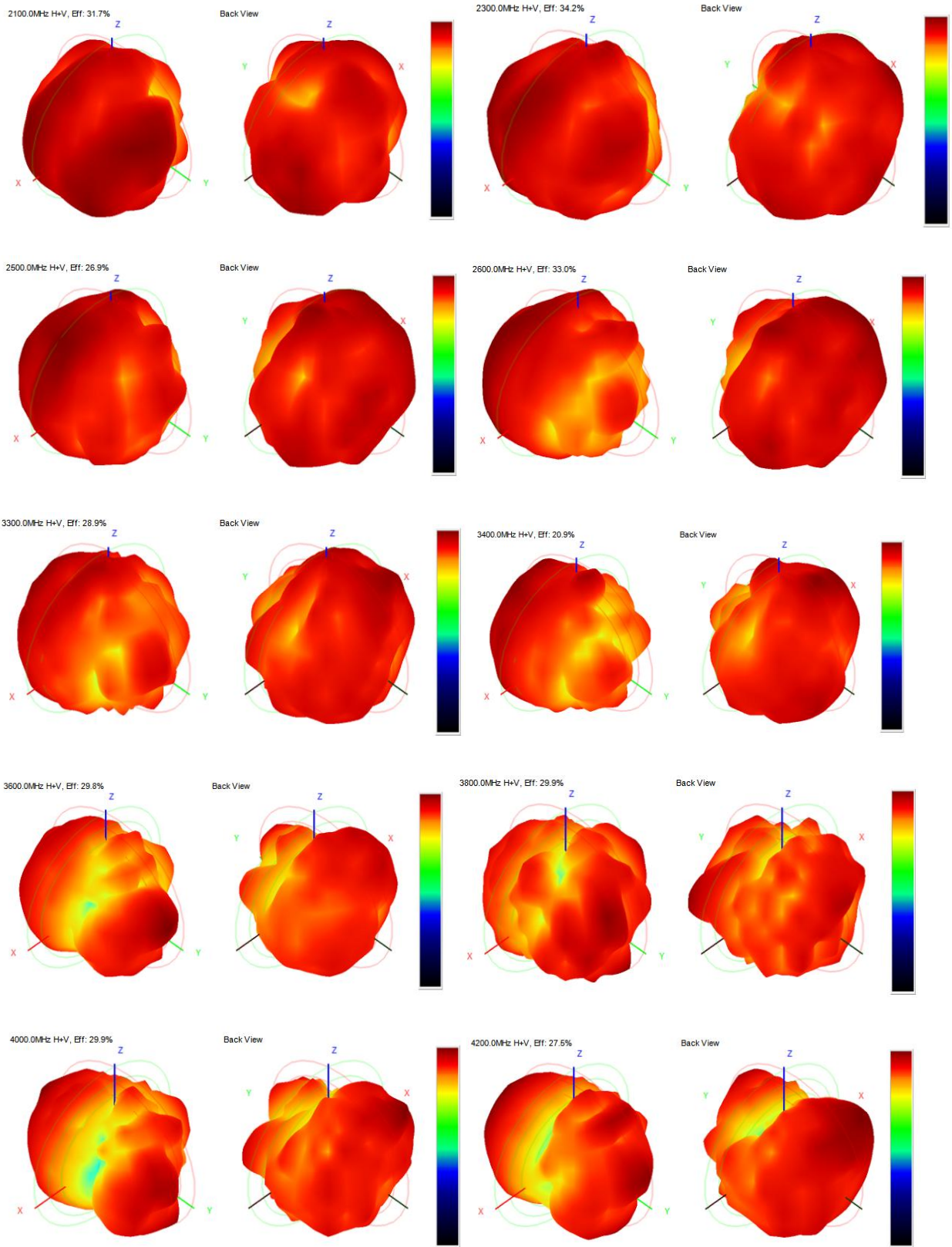
S11



4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
800.0	-5.69	-0.59	26.95
850.0	-5.68	-0.14	27.05
900.0	-5.28	-0.37	29.67
950.0	-5.22	-2.60	30.03
1700.0	-5.00	0.08	31.65
1800.0	-5.22	-1.86	30.09
1900.0	-5.46	-1.95	28.46
2100.0	-4.73	-0.17	33.67
2300.0	-4.66	0.12	34.22
2500.0	-5.70	-1.74	26.91
2650.0	-5.44	-1.27	28.59
3300.0	-5.40	-0.20	28.86
3400.0	-5.09	-1.52	30.95
3500.0	-4.91	-1.15	32.30
3600.0	-5.25	0.31	29.84
3700.0	-5.39	-1.58	28.88
3800.0	-2.27	-0.90	29.69
3900.0	-5.40	0.38	28.84
4000.0	-5.24	0.17	29.91
4100.0	-5.59	-0.31	27.62
4200.0	-5.61	-1.12	27.50



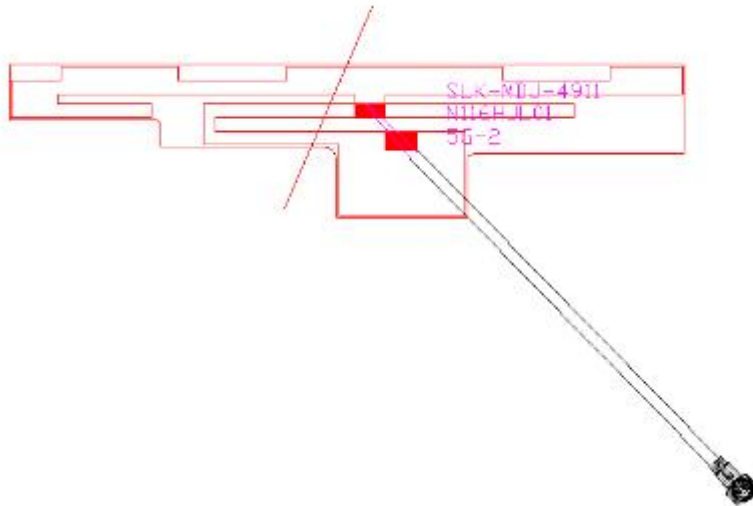


5G -2 Antenna (4911)

1. Explanation of Product number:

S L K - M D J - 4 9 1 1 - M - 3 2 0 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

MDJ:MADIGI

(2) Project:

4911: SLK-4911 (5G 2 antenna)

(3) Welding Position

R: Right

(4) Cable Length:

320IV: 320*0.81MM four-generation terminals

(5) Cable Color

B: Black

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Description

Holy bond's FPC antenna series are specially designed for 5G applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

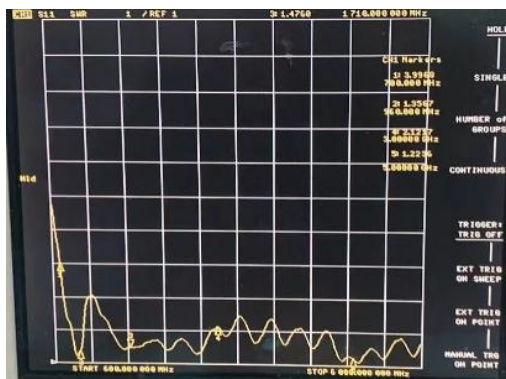
4. Electrical Specifications

4-1

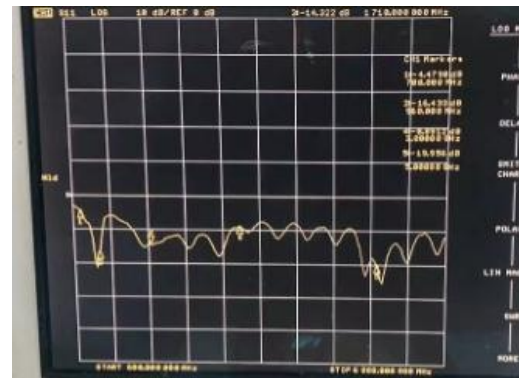
Characteristics	Specifications	Unit
Outline Dimensions	49.2x11.1x 0.12	mm
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	5max	
Impedance	50	Ω
Polarization	Linear Polarization	

4-2

VSWR

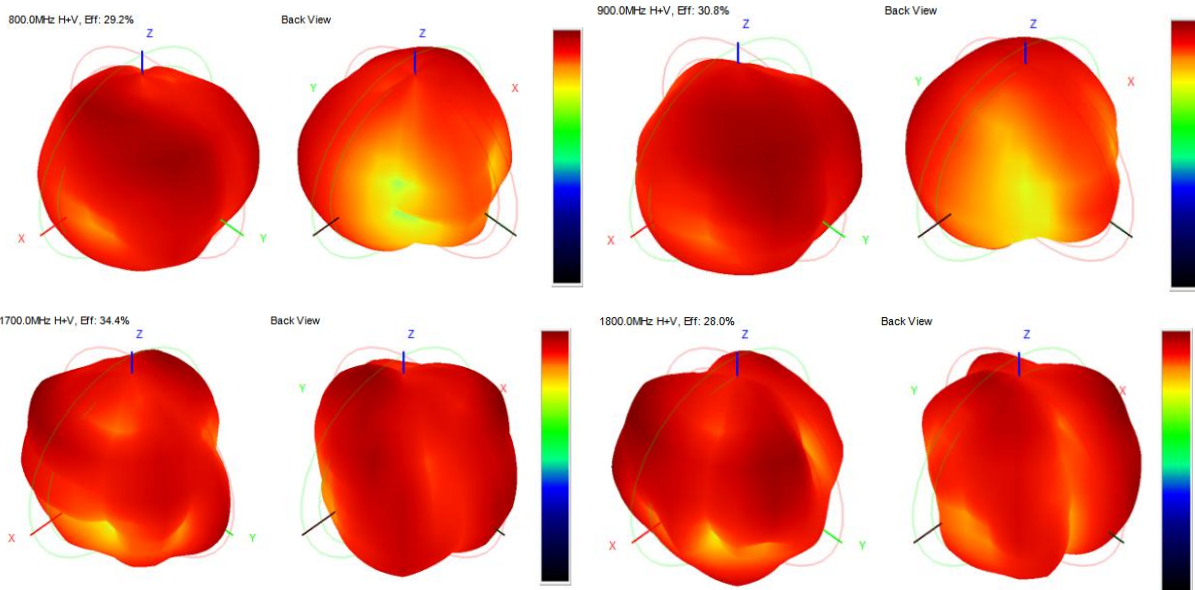


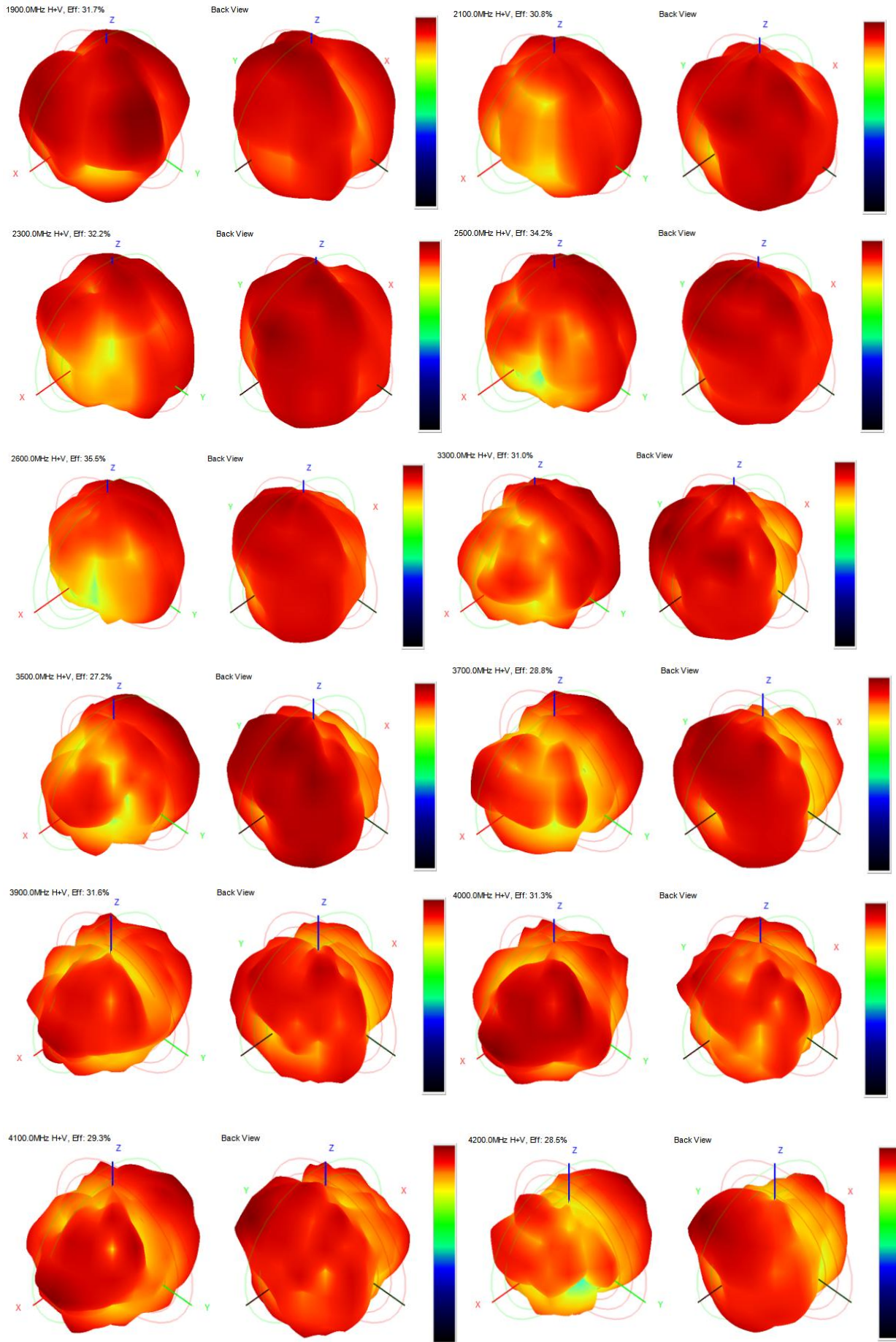
S11



4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
800	-5.35	3.02	29.20
850	-5.11	2.34	30.82
900	-5.11	2.51	30.85
950	-5.05	2.39	31.25
1700	-4.63	2.77	34.44
1800	-5.53	2.04	28.01
1900	-4.99	2.06	31.67
2100	-5.11	2.56	30.83
2300	-4.92	1.98	32.20
2400	-4.76	1.88	33.43
2500	-4.66	2.06	34.19
2600	-4.50	2.66	35.51
2700	-4.68	2.50	34.07
3300	-5.09	2.01	30.97
3400	-5.46	1.85	28.45
3500	-5.65	1.89	27.25
3600	-5.32	2.03	29.38
3700	-4.41	2.44	28.77
3800	-5.09	2.26	30.99
3900	-5.00	2.50	31.64
4000	-5.04	1.95	31.32
4100	-5.34	2.18	29.26
4200	-5.44	2.21	28.55





5. Antenna Dimensions (unit: mm)

Document number	SLK-MDJ-4911-R-325IV-G			Company: mm	
				Edition	Sign
				A1	New material
				Change description	DATE
				24-1-18	

49.2±0.2

325±.3

Gray 0.81 wire, fourth generation terminal

1.20

2.00

1.50

1.20

2.00

1.50

1.20

2.00

1.50

Technical requirements:

1. PPC base material: Pi, the shaded part is copper foil, and black oil is on the front surface.
2. Sheet thickness 1 half, Back glue model: 3m300.
3. Copper exposed in red part; The surface shall be free of oil, impurities, burrs, etc.
4. Cut off the release paper by hand to avoid damaging the line.
5. Important dimensions shall be marked with "*" (the mold shall be controlled during manufacturing and must be measured during mold acceptance);
6. Cable Gray 0.81, wire length 325mm, fourth generations of terminal

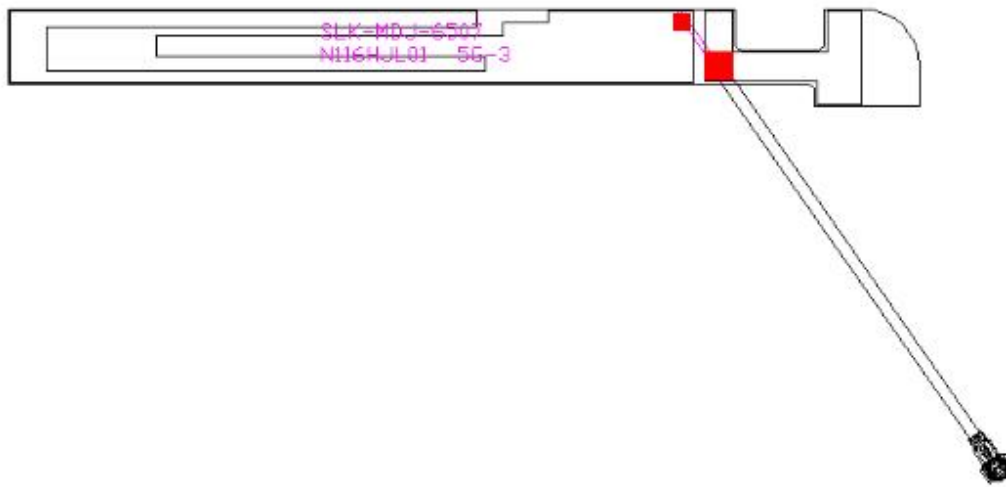
Design To examine Approval	Calliang Liu Zhen Hang		
		Name	Customer item No
		weight	quantity
		1 of 1	1:1
Shenzhen Yishengbang Electronics Co., Ltd			

5G -3 Antenna (6507)

1. Explanation of Product number:

S L K - M D J - 6 5 0 7 - R - 3 6 5 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

MDJ:MADIGI

(2) Project:

6507: SLK-6507(5G 3 antenna)

(3) Welding Position

R: Right

(4) Cable Length:

365IV: 365*0.81MM four-generation terminals

(5) Cable Color

B: Black

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Description

Holy bond's FPC antenna series are specially designed for 5G applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

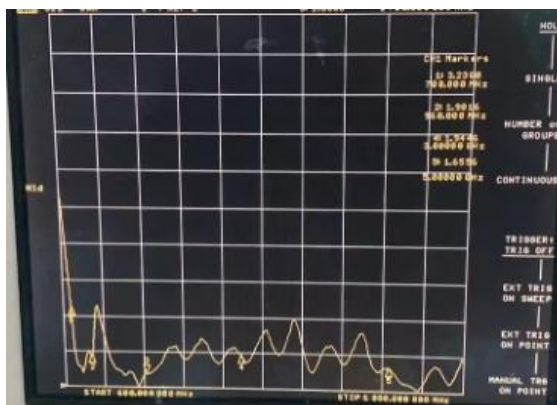
4. Electrical Specifications

4-1

Characteristics	Specifications	Unit
Outline Dimensions	65.59x7.01x 0.12	mm
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	5max	
Impedance	50	Ω
Polarization	Linear Polarization	

4-2

VSWR

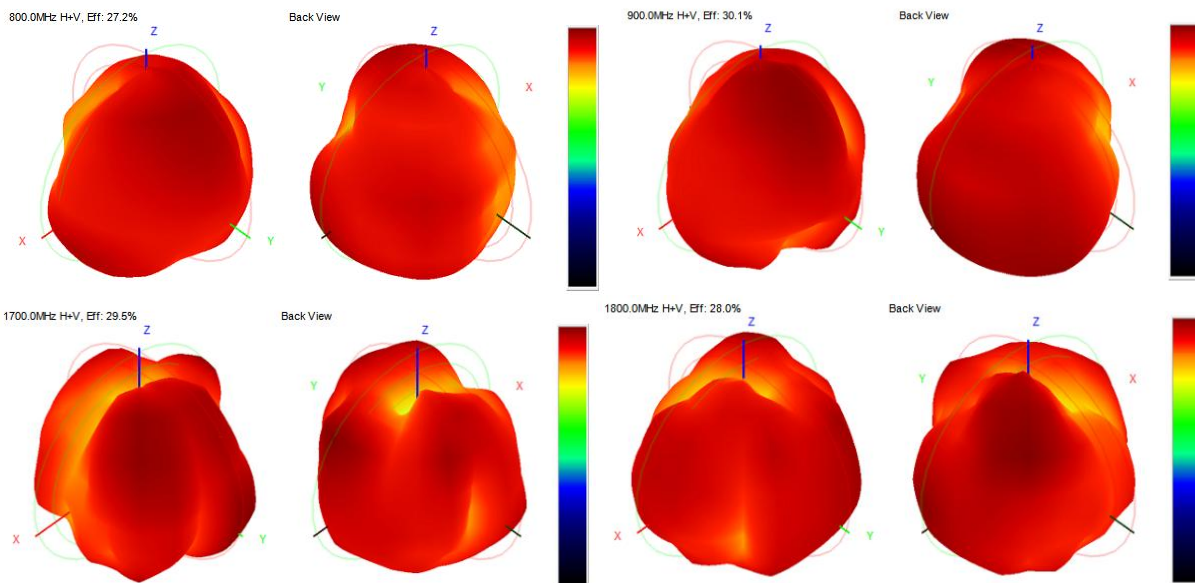


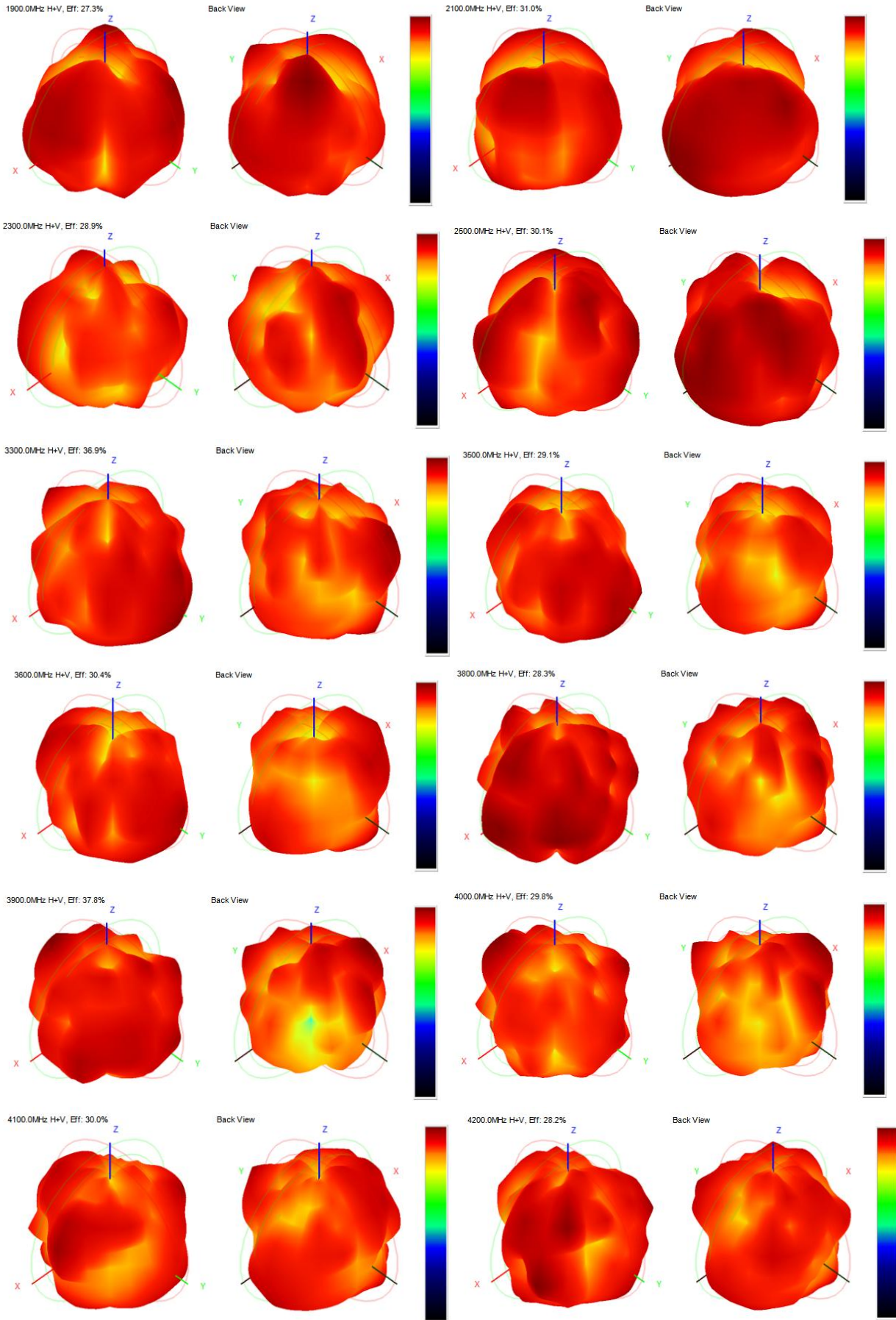
S11



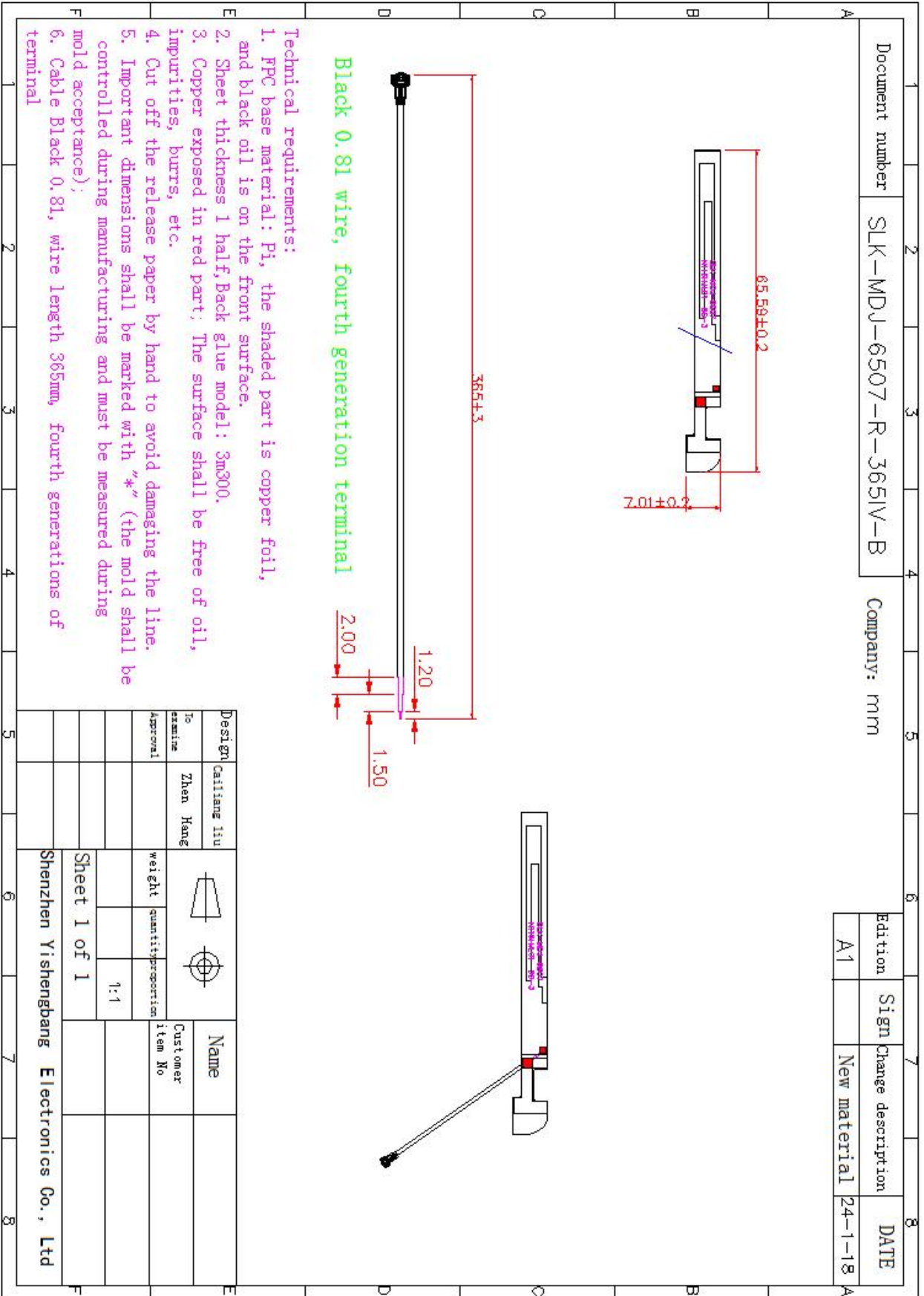
4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
800	-5.65	0.33	27.20
850	-5.42	0.44	28.70
900	-5.22	1.01	30.06
950	-5.27	1.86	29.74
1700	-5.30	1.07	29.49
1800	-5.53	1.68	27.98
1900	-5.64	1.14	27.29
2100	-5.09	0.93	30.98
2300	-5.39	0.52	28.93
2400	-5.59	1.43	27.58
2500	-5.22	1.30	30.08
2600	-5.14	0.28	30.59
2700	-4.58	0.34	34.81
3300	-4.33	0.61	36.94
3400	-5.21	1.14	30.16
3500	-5.36	1.27	29.08
3600	-5.17	1.13	30.42
3700	-5.45	0.14	28.48
3800	-5.48	0.62	28.30
3900	-4.23	2.34	37.76
4000	-5.26	1.64	29.80
4100	-5.22	1.16	30.03
4200	-5.50	1.52	28.18





5. Antenna Dimensions (unit: mm)



7. Antenna Picture

