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

<table>
<tr><td colspan="6">Admit signature</td></tr>
<tr><td colspan="3">For acceptance by the contractor</td><td colspan="3">Shenzhen MADIGI Electronic Technology Co., Ltd</td></tr>
<tr><td>The engineer</td><td>The reviewer</td><td>approved</td><td>The engineer</td><td>The reviewer</td><td>approved</td></tr>
<tr><td>Shi lian Chen</td><td>Zen Huang</td><td>Meicai lin</td><td></td><td></td><td></td></tr>
<tr><td colspan="2">Signed and sealed</td><td></td><td colspan="2">Signed and sealed</td><td></td></tr>
<tr><td colspan="2">date</td><td>2021-8-29</td><td colspan="2">date</td><td></td></tr>
<tr><td colspan="6">instructions: ☐accept ☐Conditional acceptance</td></tr>
<tr><td colspan="6">note:</td></tr>
</table>

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

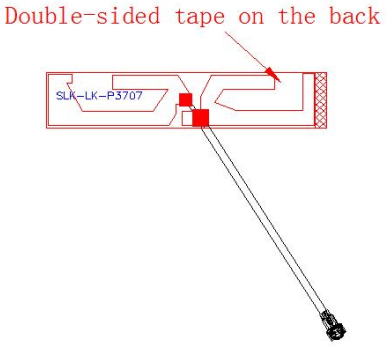
telephone: 18025305599 telephone: 18666299104

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



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.

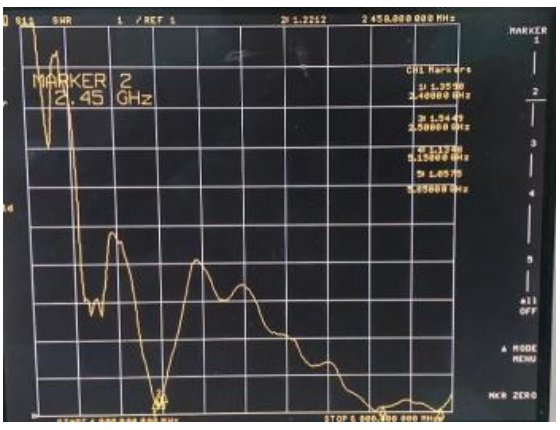
5. Electrical Specifications

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.

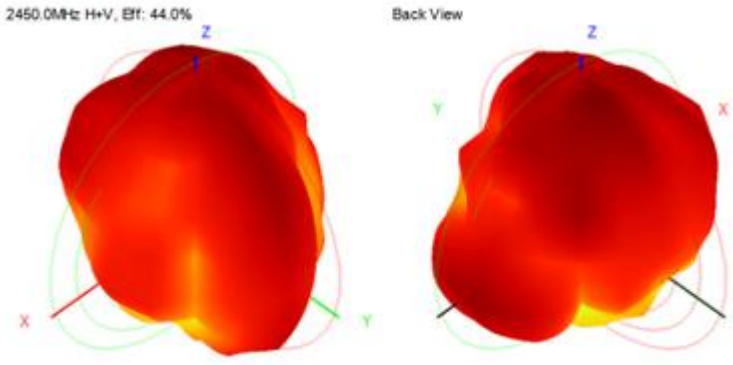
VSWR

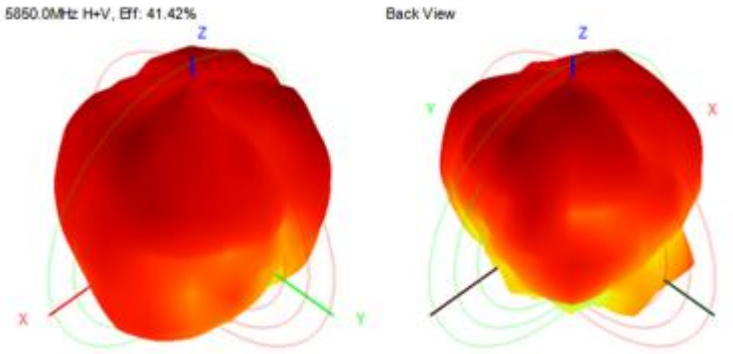


S11

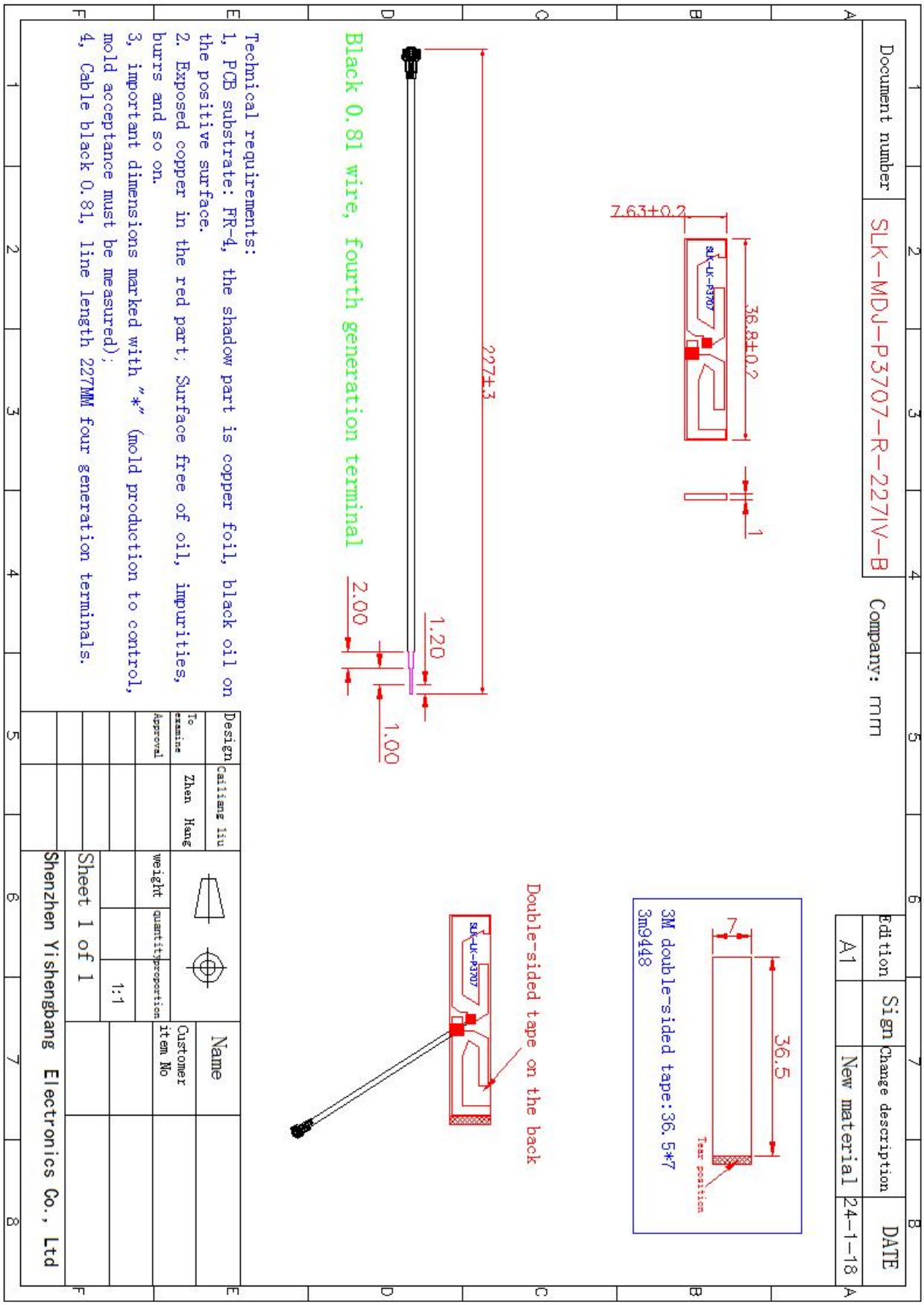
5-3.WIFI MAIN Antenna Gain/Efficiency/Radiation Pattern of 3D

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





6. Antenna Dimensions (unit: mm)

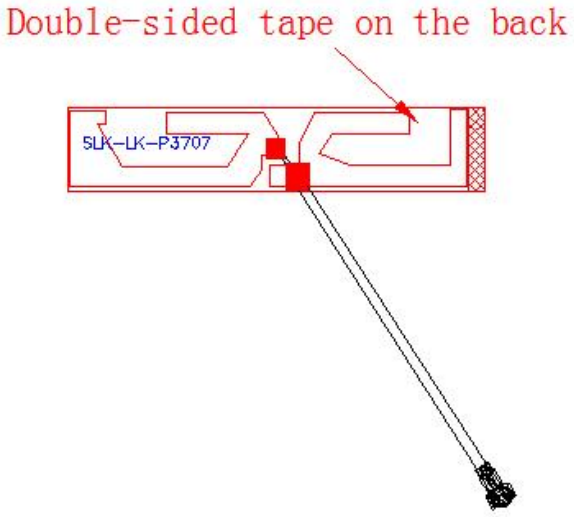


WIFI AUX Antenna (P3707)

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



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

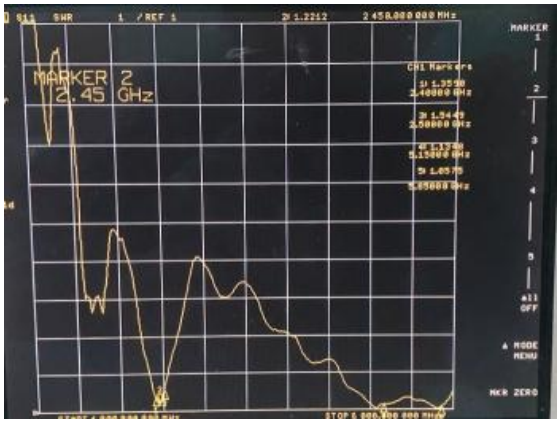
Holy bond's PCB antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond's proprietary design and processes, this PCB antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

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

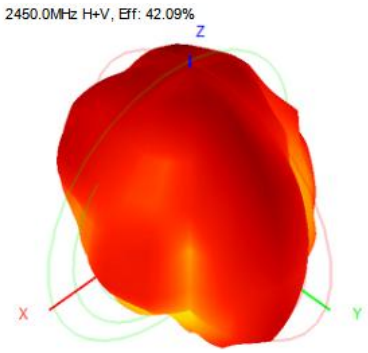
VSWR

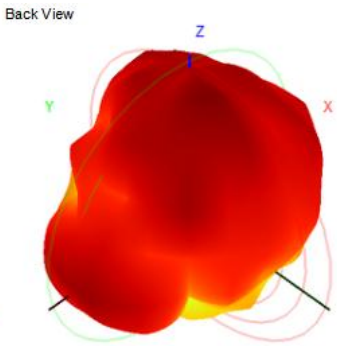


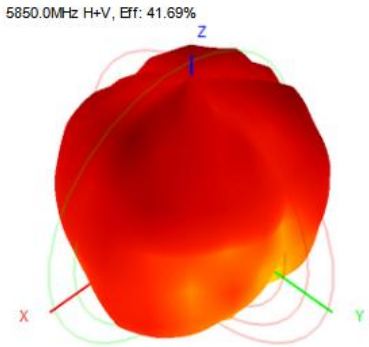
S11

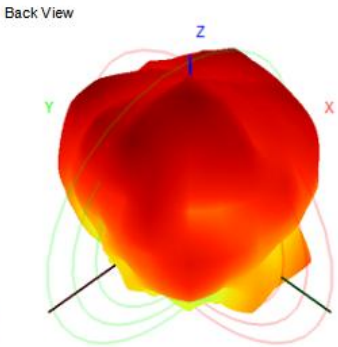
5-3.WIFI MAIN Antenna Gain/Efficiency/Radiation Pattern of 3D

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

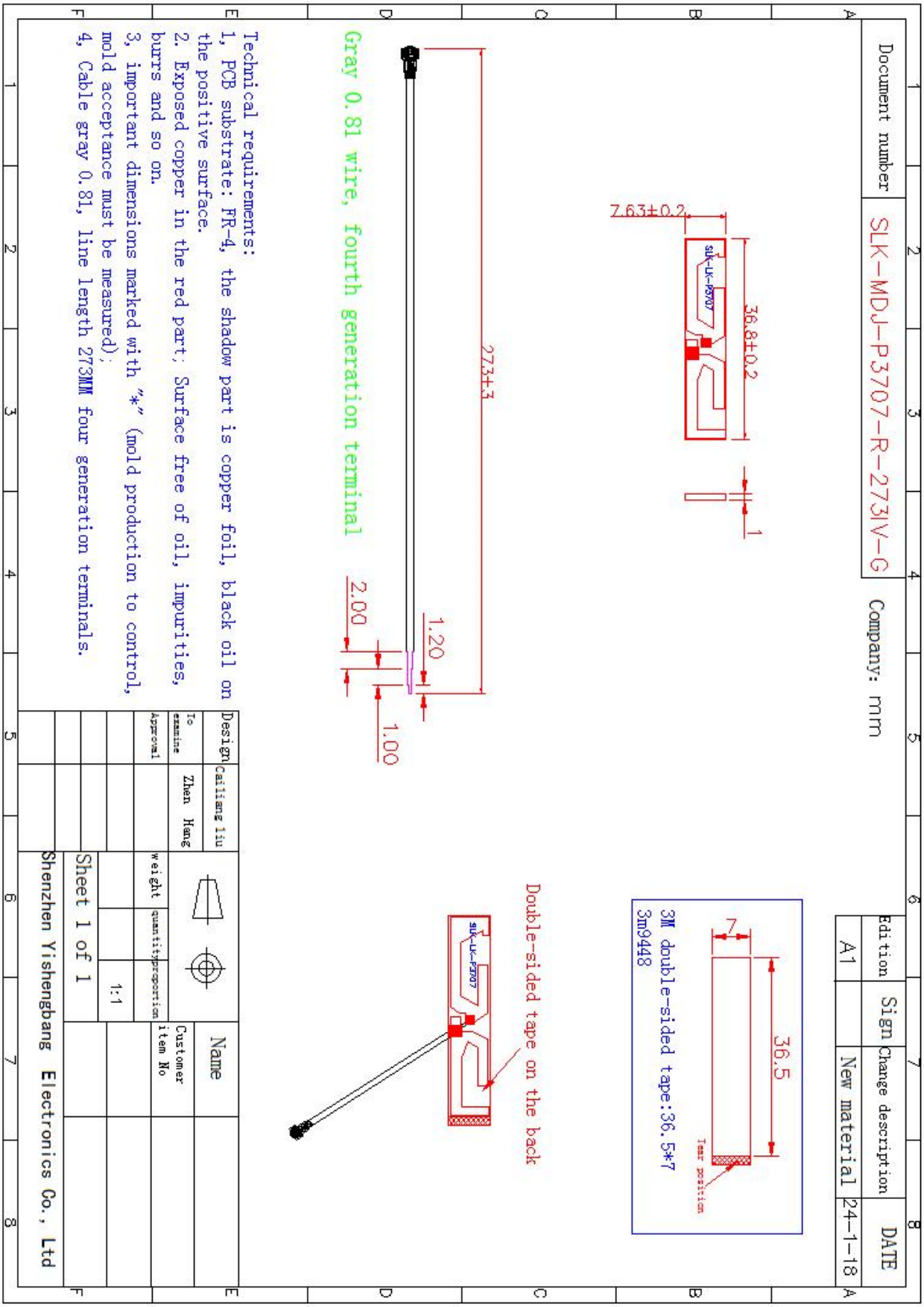








6 . Antenna Dimensions (unit: mm)

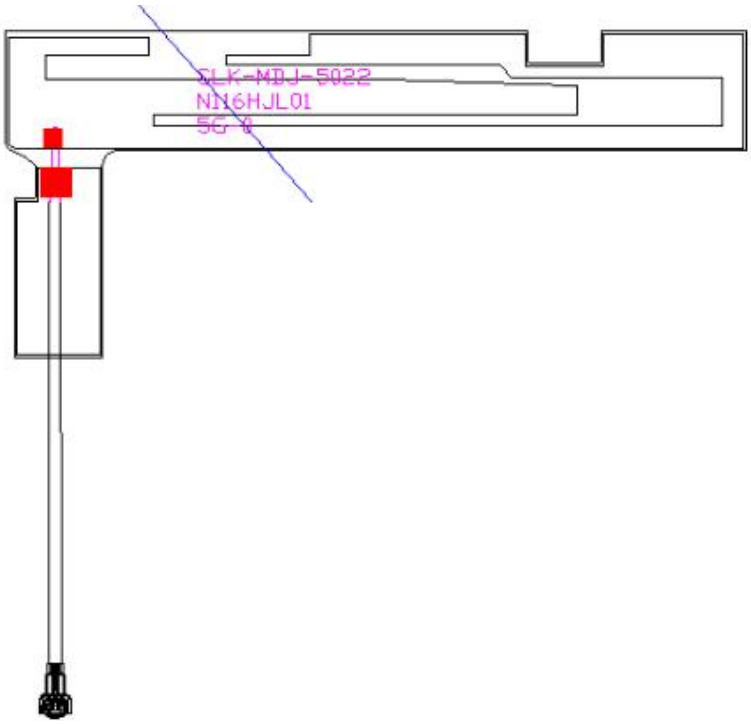


5G -0 Antenna (5022)

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.

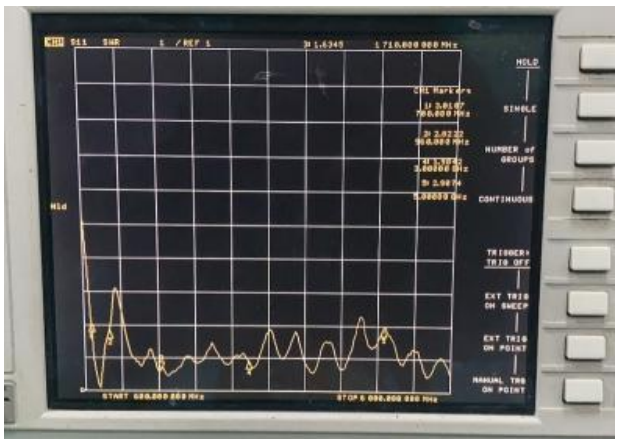
4. Electrical Specifications

4-1

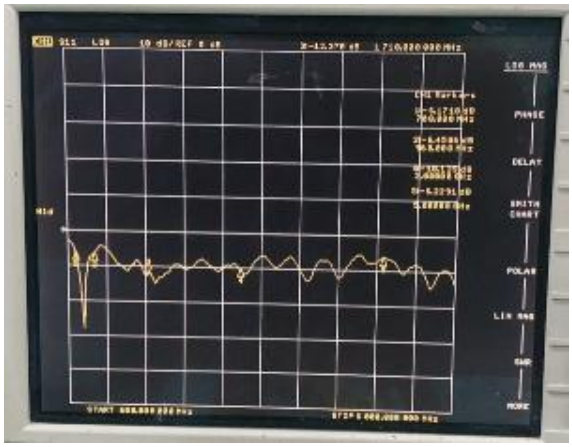
Characteristics	Specifications	Unit
Outline Dimensions	**50.16x22.12x 0.12**	**mm**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**5max**	
Impedance	**50**	**Ω**
Polarization	**Linear Polarization**	

4-2

VSWR

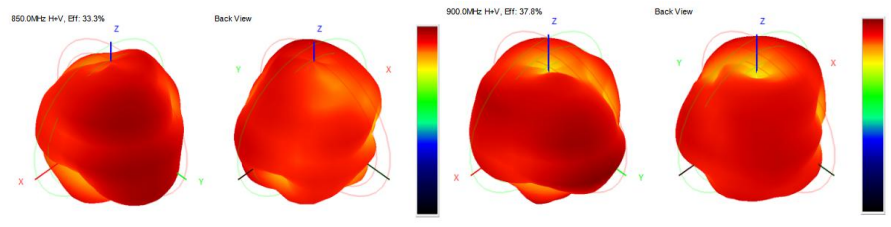


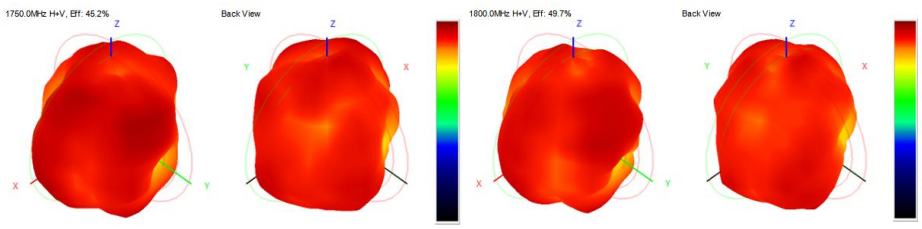
S11

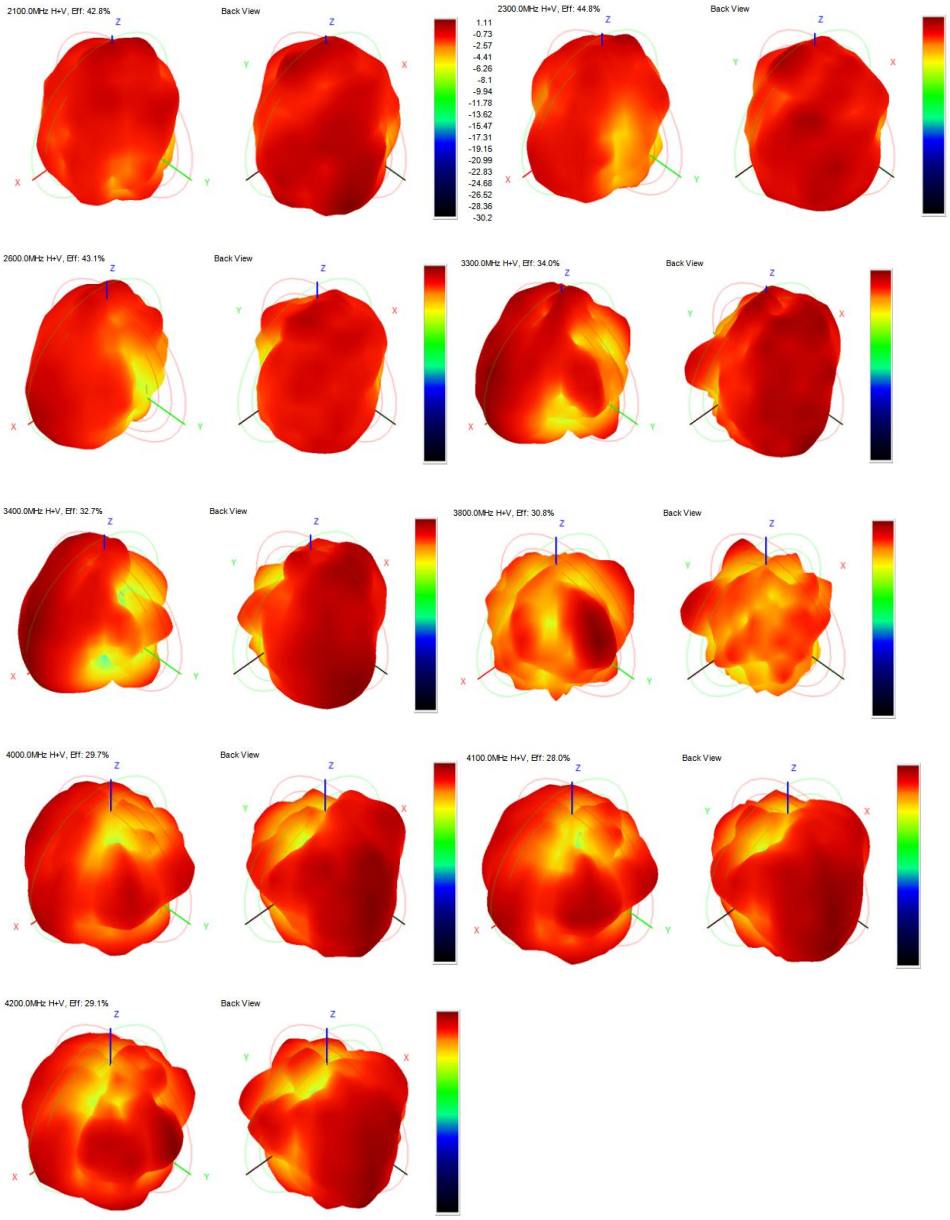


4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

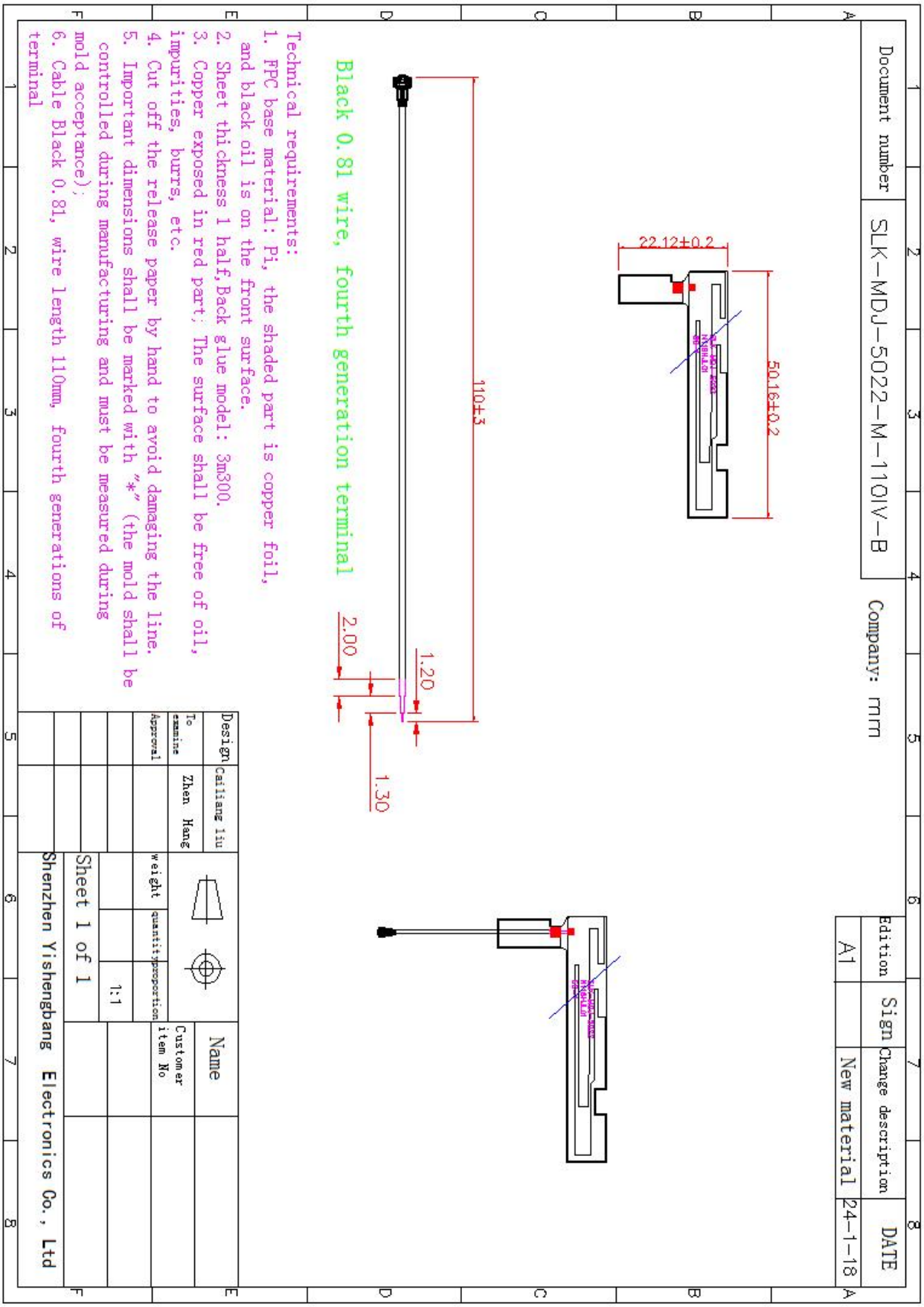
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
800.0	-4.59	0.46	34.73
850.0	-4.77	0.01	33.32
900.0	-4.22	0.49	37.81
950.0	-3.92	0.62	35.55
1700.0	-3.74	1.08	32.24
1750.0	-3.45	1.43	35.22
1800.0	-3.04	2.49	34.65
1850.0	-3.08	2.46	30.23
1900.0	-3.13	2.26	34.26
1950.0	-3.08	1.98	34.24
2050.0	-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






2100.0MHz H+V, Eff: 42.8%
Back View
2300.0MHz H+V, Eff: 44.8%
Back View
1.11
-0.73
-2.57
-4.41
-6.26
-8.1
-9.94
-11.78
-13.62
-15.47
-17.31
-19.15
-20.99
-22.83
-24.68
-26.52
-28.36
-30.2
2600.0MHz H+V, Eff: 43.1%
Back View
3300.0MHz H+V, Eff: 34.0%
Back View
3400.0MHz H+V, Eff: 32.7%
Back View
3800.0MHz H+V, Eff: 30.8%
Back View
4000.0MHz H+V, Eff: 29.7%
Back View
4100.0MHz H+V, Eff: 28.0%
Back View
4200.0MHz H+V, Eff: 29.1%
Back View

5. Antenna Dimensions (unit: mm)

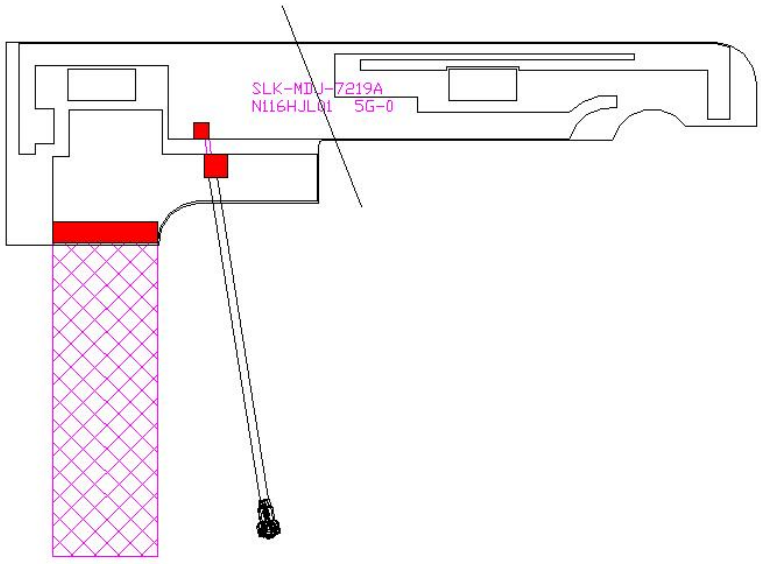


5G -1 Antenna (7219A)

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

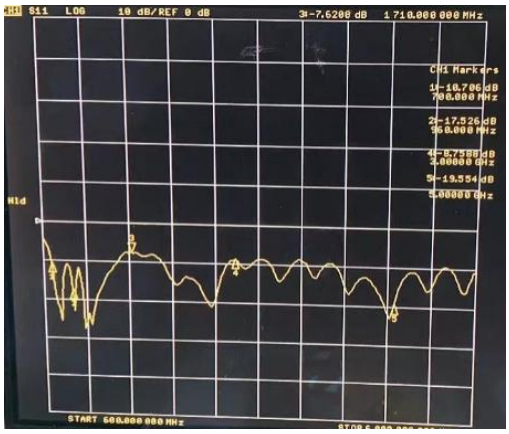
4-1

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

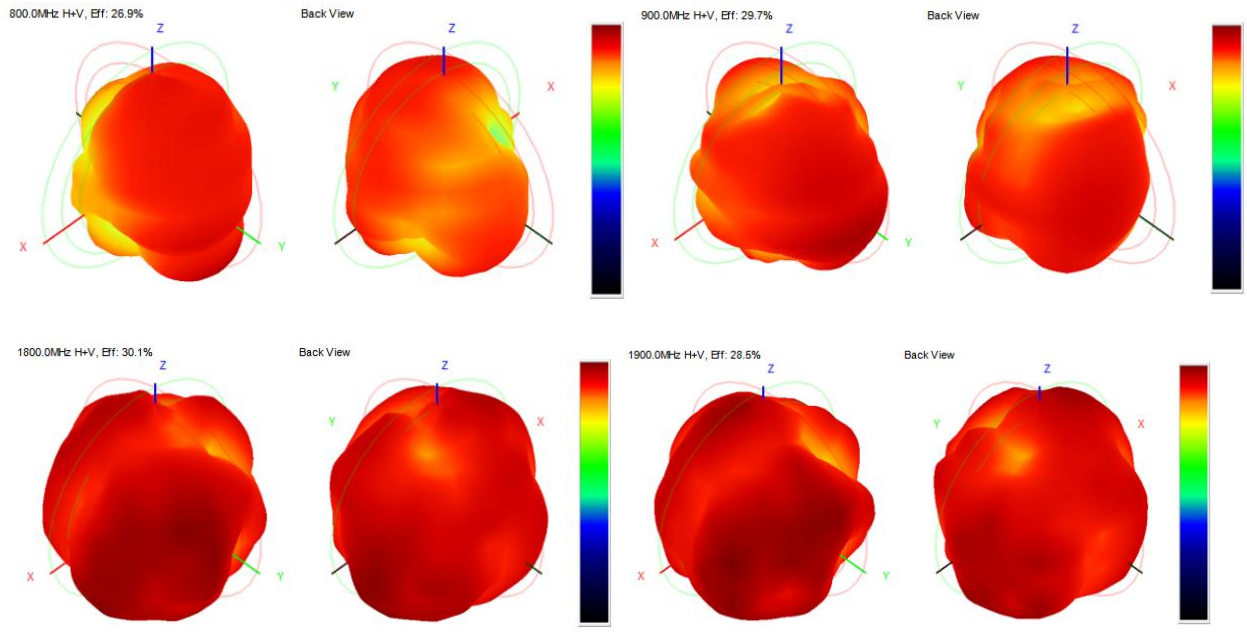
VSWR

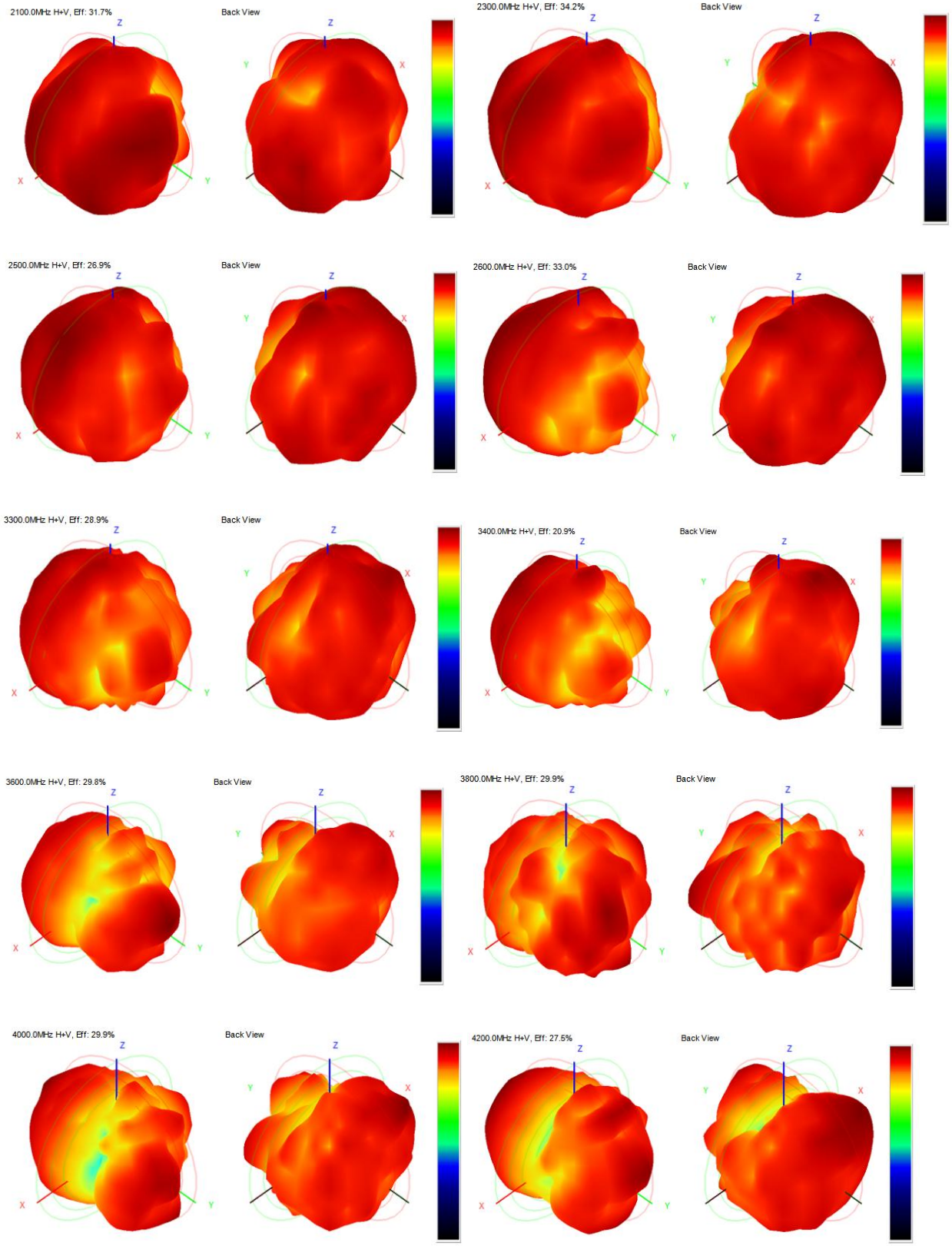
S11



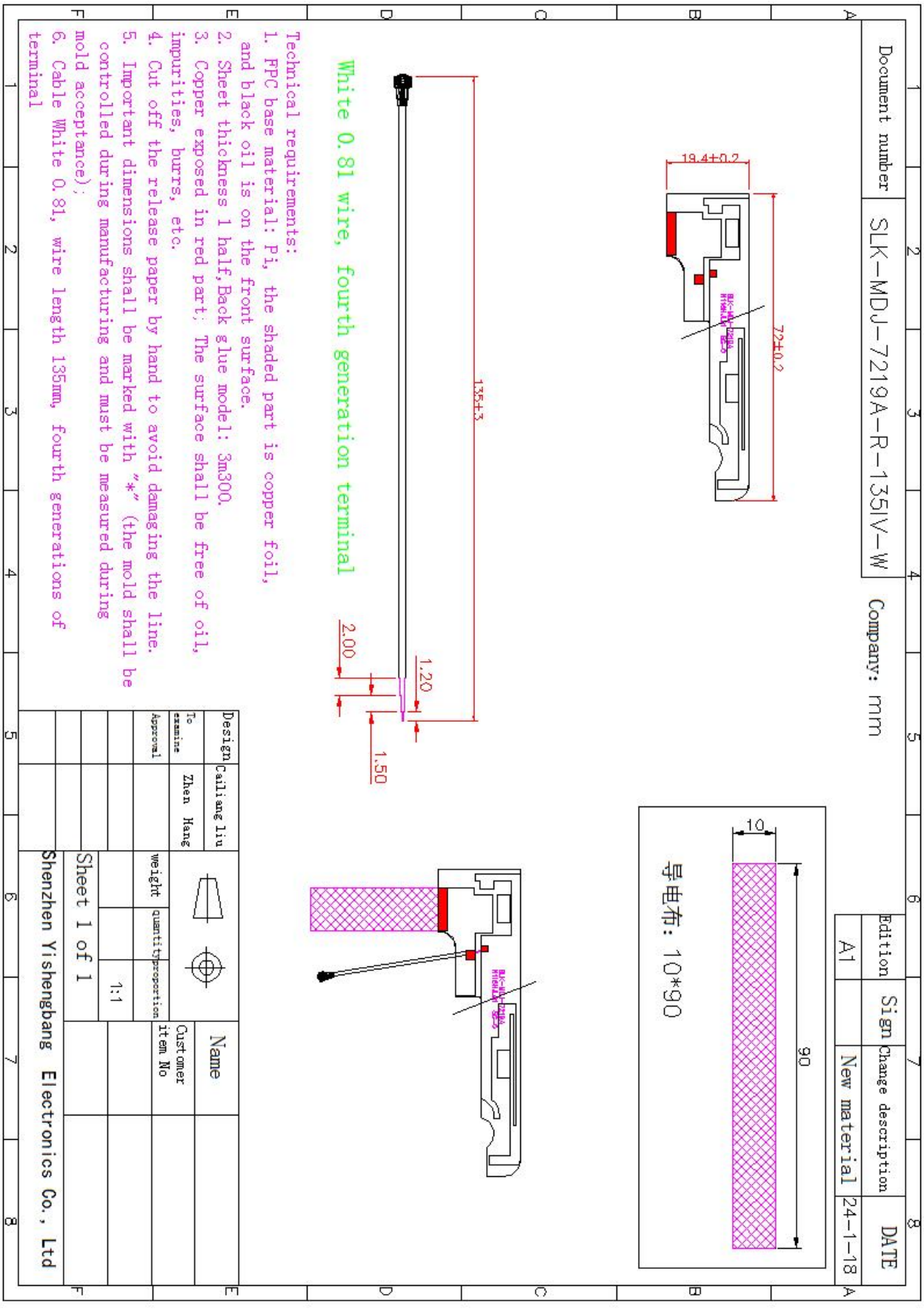
4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

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




2100.0MHz H+V, Eff: 31.7%
Back View
2300.0MHz H+V, Eff: 34.2%
Back View
2500.0MHz H+V, Eff: 26.9%
Back View
2600.0MHz H+V, Eff: 33.0%
Back View
3300.0MHz H+V, Eff: 28.9%
Back View
3400.0MHz H+V, Eff: 20.9%
Back View
3600.0MHz H+V, Eff: 29.8%
Back View
3800.0MHz H+V, Eff: 29.9%
Back View
4000.0MHz H+V, Eff: 29.9%
Back View
4200.0MHz H+V, Eff: 27.5%
Back View

5. Antenna Dimensions (unit: mm)

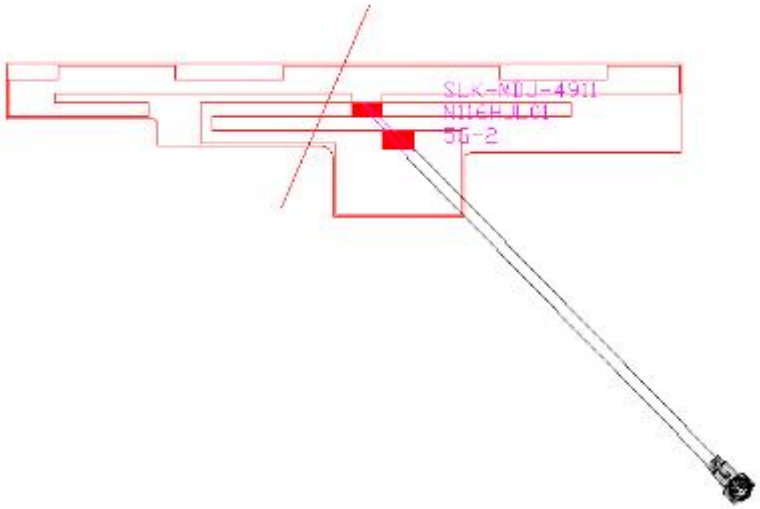


5G -2 Antenna (4911)

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.

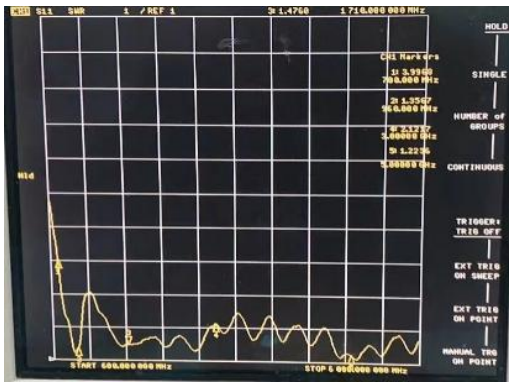
4. Electrical Specifications

4-1

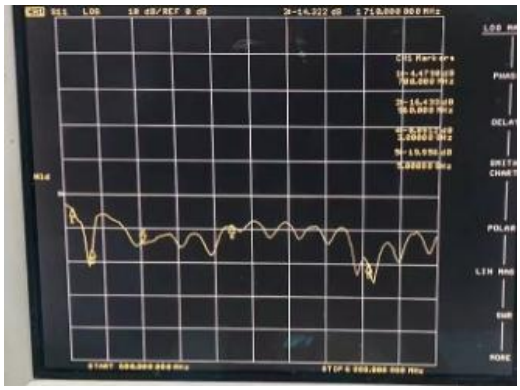
Characteristics	Specifications	Unit
Outline Dimensions	49.2x11.1x 0.12	mm
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	5max	
Impedance	50	Ω
Polarization	Linear Polarization	

4-2

VSWR

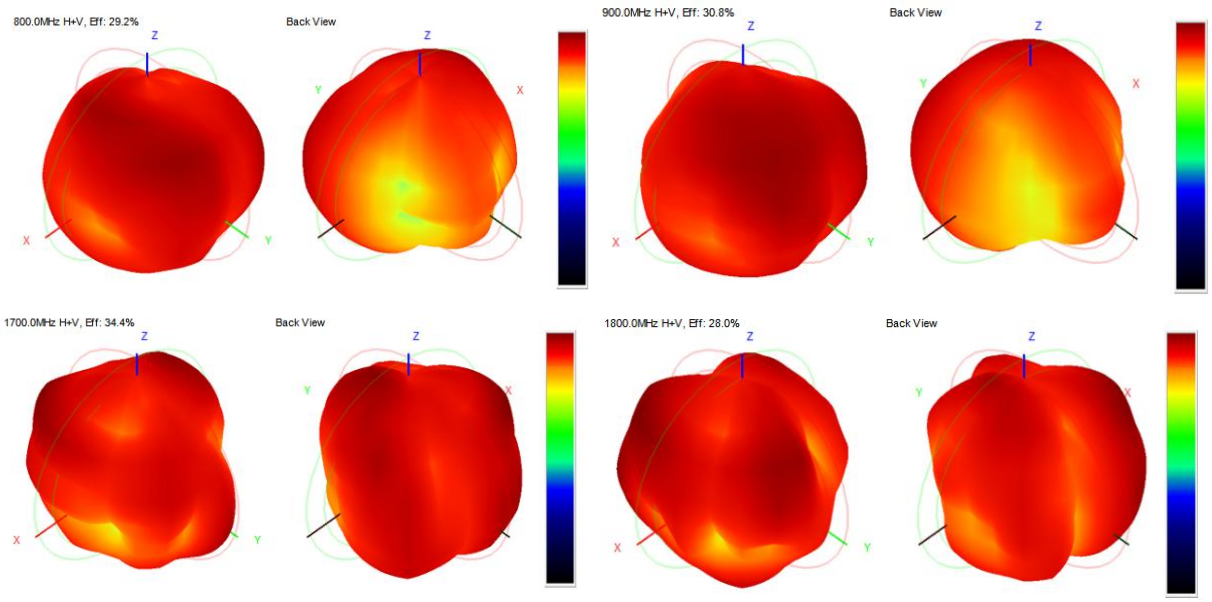


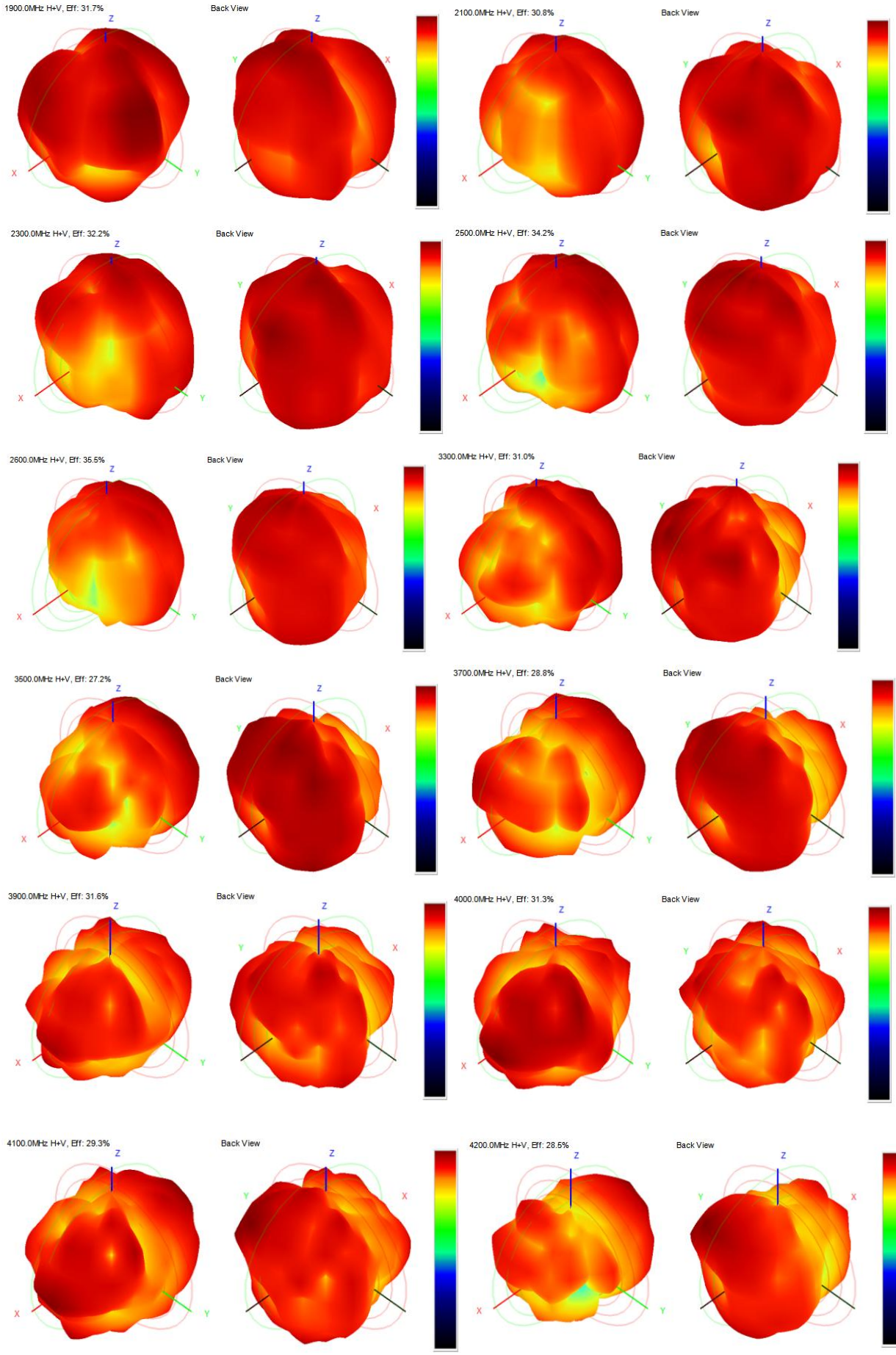
S11



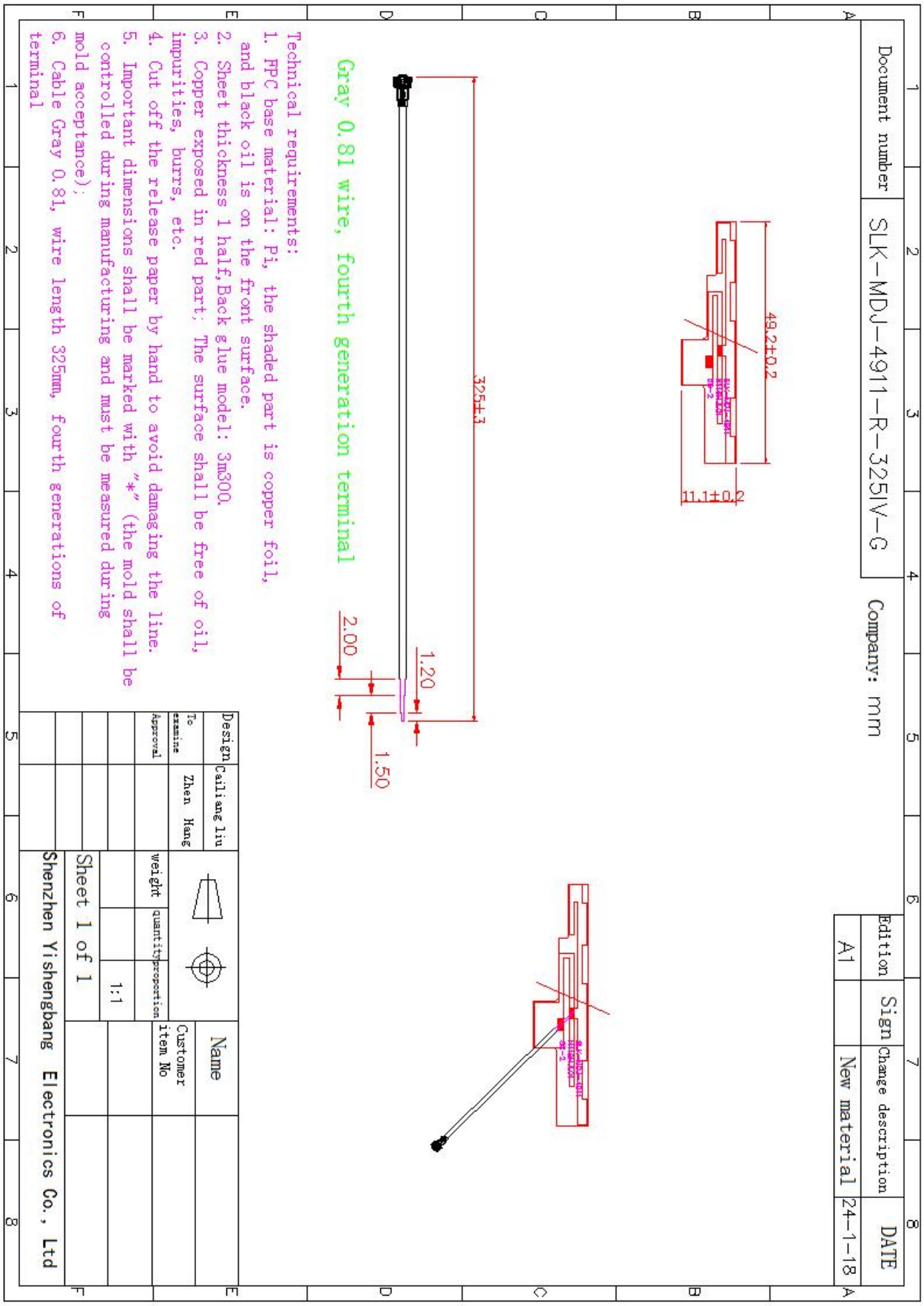
4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

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




1900.0MHz H+V, Eff: 31.7%
Back View
2100.0MHz H+V, Eff: 30.8%
Back View
2300.0MHz H+V, Eff: 32.2%
Back View
2500.0MHz H+V, Eff: 34.2%
Back View
2600.0MHz H+V, Eff: 35.5%
Back View
3300.0MHz H+V, Eff: 31.0%
Back View
3500.0MHz H+V, Eff: 27.2%
Back View
3700.0MHz H+V, Eff: 28.8%
Back View
3900.0MHz H+V, Eff: 31.6%
Back View
4000.0MHz H+V, Eff: 31.3%
Back View
4100.0MHz H+V, Eff: 29.3%
Back View
4200.0MHz H+V, Eff: 28.5%
Back View

5. Antenna Dimensions (unit: mm)

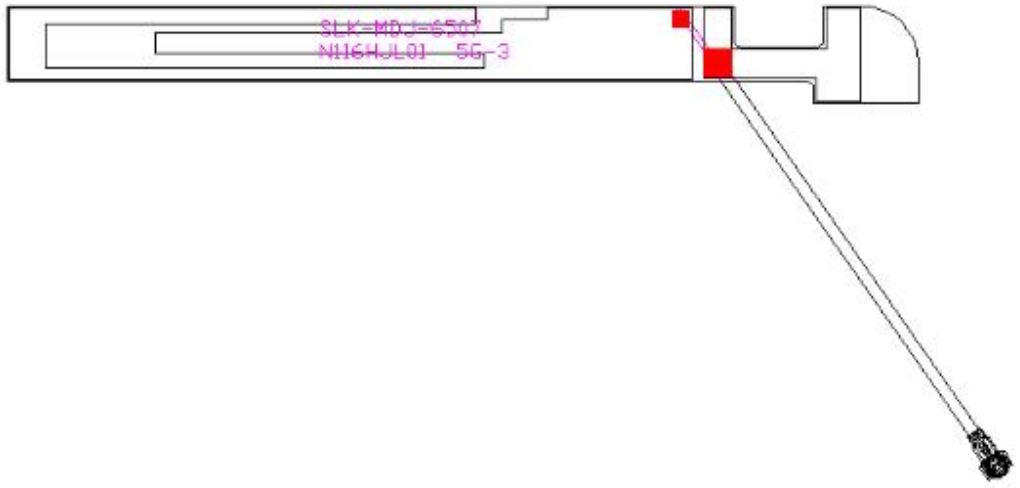


5G -3 Antenna (6507)

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.

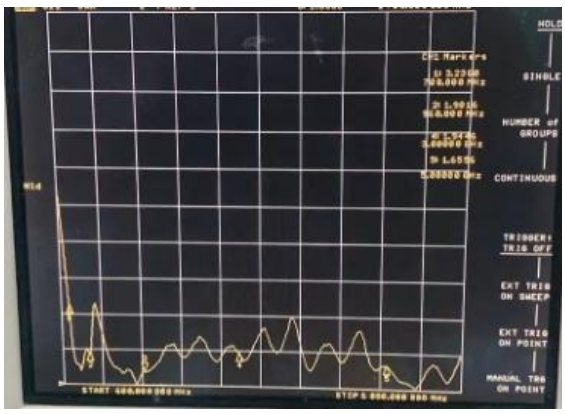
4. Electrical Specifications

4-1

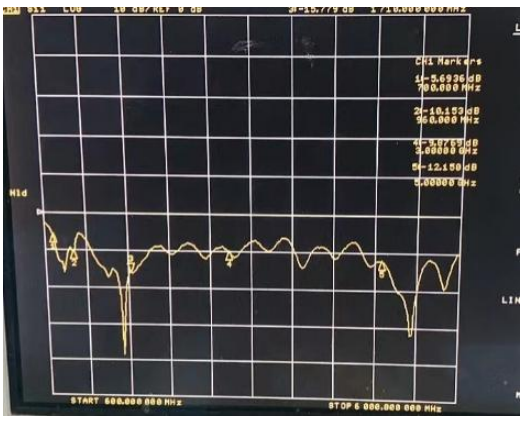
Characteristics	Specifications	Unit
Outline Dimensions	**65.59x7.01x 0.12**	**mm**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**5max**	
Impedance	**50**	**Ω**
Polarization	**Linear Polarization**	

4-2

VSWR

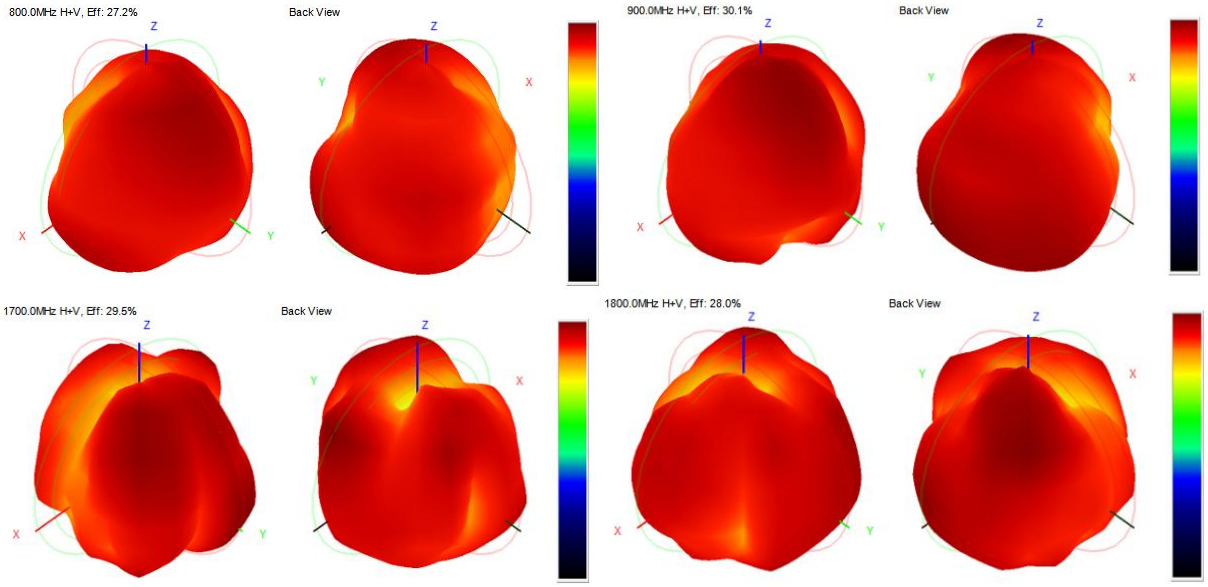


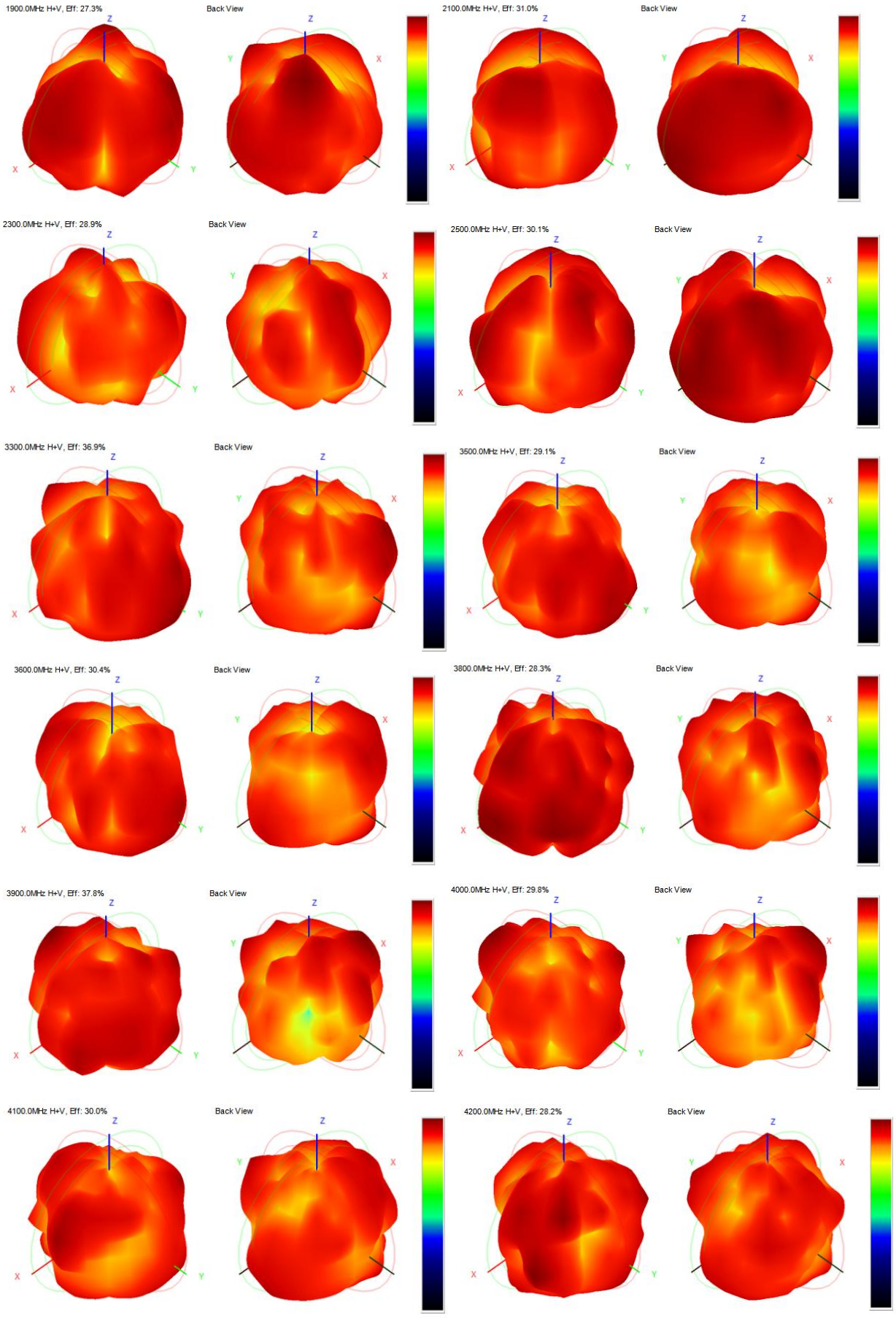
S11



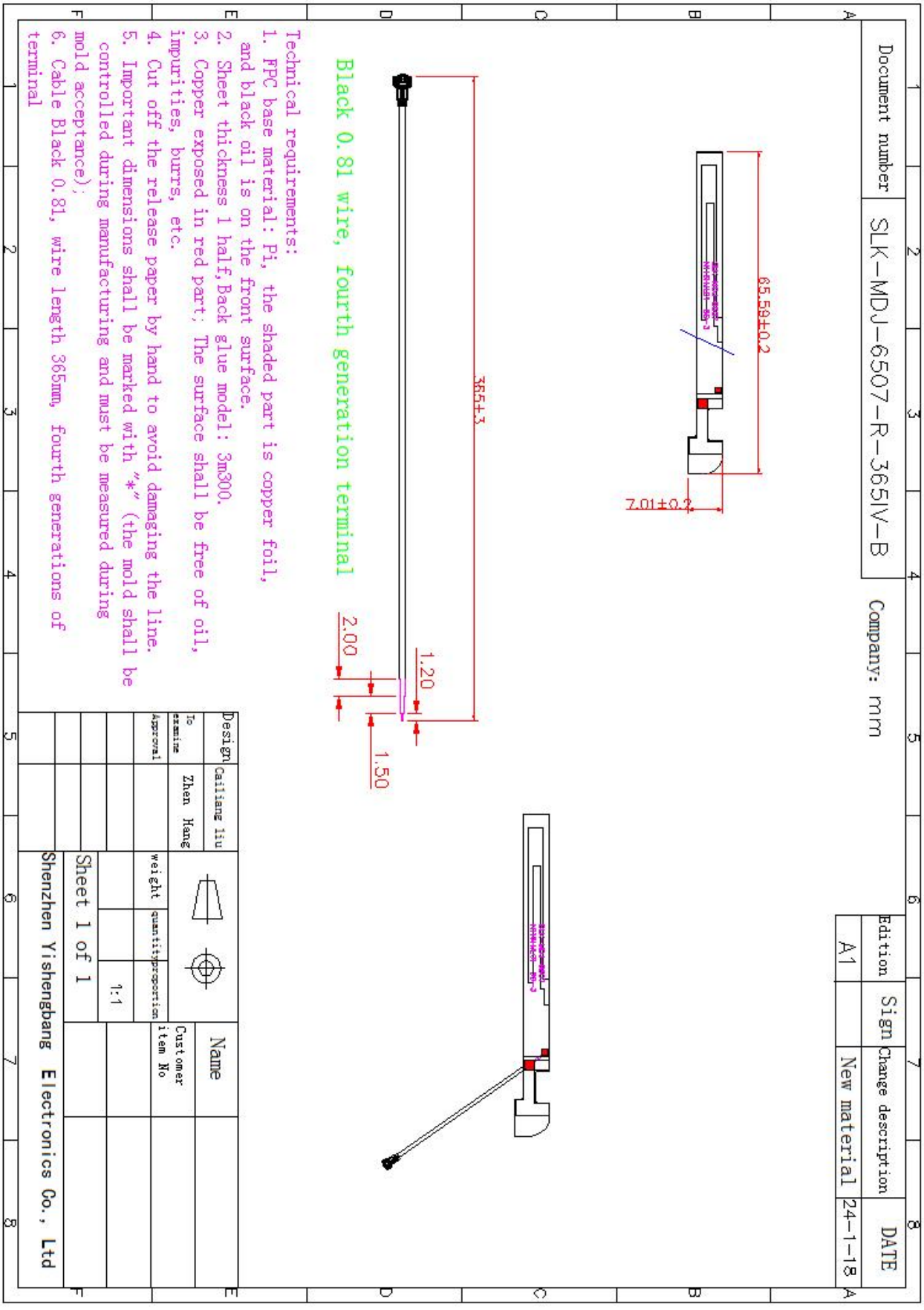
4-3.LTE Antenna Gain/Efficiency/Radiation Pattern of 3D

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




1900.0MHz H+V, Eff: 27.3%
Back View
2100.0MHz H+V, Eff: 31.0%
Back View
2300.0MHz H+V, Eff: 28.9%
Back View
2500.0MHz H+V, Eff: 30.1%
Back View
3300.0MHz H+V, Eff: 36.9%
Back View
3500.0MHz H+V, Eff: 29.1%
Back View
3600.0MHz H+V, Eff: 30.4%
Back View
3800.0MHz H+V, Eff: 28.3%
Back View
3900.0MHz H+V, Eff: 37.8%
Back View
4000.0MHz H+V, Eff: 29.8%
Back View
4100.0MHz H+V, Eff: 30.0%
Back View
4200.0MHz H+V, Eff: 28.2%
Back View

5. Antenna Dimensions (unit: mm)



7. Antenna Picture