



At DAJ, our vision is to connect everything wirelessly with one another via 5G/IoT networks through multiband antenna solutions for wireless communication.

To adapt to the customer's individual needs of businesses, we design and supply comprehensive high efficiency antennas and RF cables, including internal PCB/FPCB embedded antennas and external/outdoor. directional/omni-directional antennas. With professional RD staff and laboratory, we are confident to face the antenna problems customer encounter and offer free test service.

Do it better on target is our mission. We also offer solutions of variety and flexibility to fit into the need of open standards. Save the time and reduce the cost enable the highest competition for our customers to across the market.

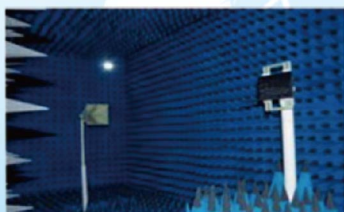
We welcome and invite you to work together to achieve maximum performance for your wireless IoT world and grow strong in this field.



On our site , we have a modern, integrated production facility that enables us to respond rapidly and reliably to all requests.

Design & Manufacturing: We have our own design team which enables us to develop and adapt to customers' applications. Our engineers are equipped with the latest and accurate facility to work on the projects.

Our manufacturing shop have efficient, modern equipments (fully/semi automatic computer strip-wire machines, semi-automatic IPEX terminal riveting peeling machines, automatic computer assembly machines...etc.) enabling us to process your orders quickly and flexibly.



Antenna microwave darkroom



4G LTE
Comprehensive instrument



8960
Comprehensive instrument



E5071B Network



E8753ES Network



8594E Signal generator



Antenna OTA dimension : 5*4*3M
Test item

Passive test (680MHz~6GHz)

- 1.Impedanc
- 2.VSWR
- 3.S11&RL
- 4.Efficiency
- 5.Gain

Active test :

- 1.4G/3G.GSM/GPS active test
- 2.Transmit power
- 3.Receiving sensitivity (level)



DUST TESTER



MUD TESTER



XENON ARC FADE METER



PROGAMMABLE
TEST&HUMI CHAMBER



VIBEATION TESTER



TEMP & HUMI
CHAMBER



PROFILE PROJECTOR



SHIELDED ROOM



Fully automatic computer
strip-wire machine



Semi-automatic computer
strip-wire machine



Semi-automatic IPEX terminal
riveting machine peeling



Automatic computer
assembly machine



Ultasonic fusion machine



UV Baking machine

5G NR External Antenna

5G External antenna, designed for use with 5G modules and devices that require high efficiency and peak gain. Covering 5G NR and worldwide 4G bands, it is an ideal solution for any device requiring great performance.

ELECTRICAL PROPERTIES

Frequency Range :

698~960/1710~2690/3300~5000MHz

Impedance : 50Ω

VSWR : 690 ~ 960 : <4

1710 ~ 2690 : <3

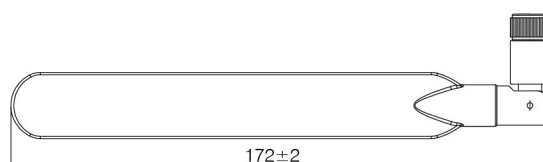
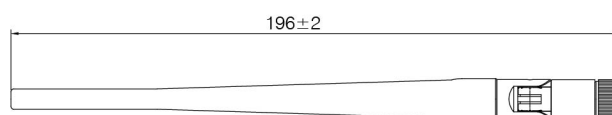
3300 ~ 5000 : <3

Gain : 690 ~ 960 : 1.07dBi

1710 ~ 2690 : 0.62dBi

3300 ~ 5000 : 2.07dBi

Polarization : Linear Vertical



PHYSICAL PROPERTIES

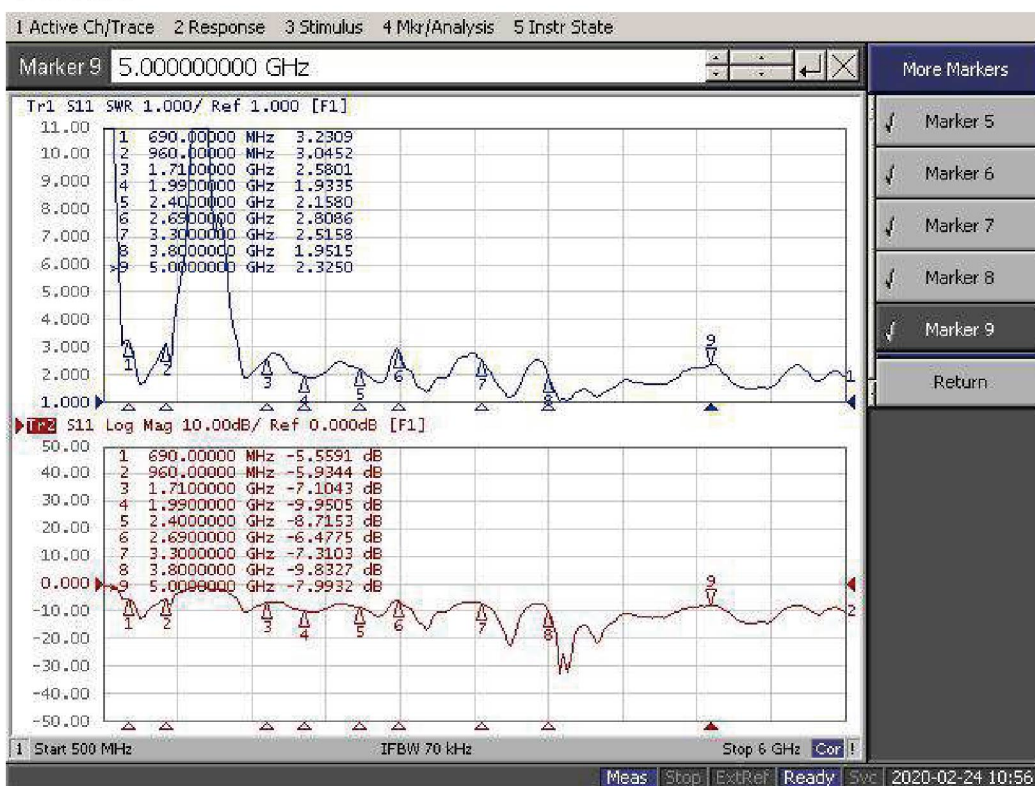
Color : White

Connector : SMA St. Plug

Operating Temperature : -40°C ~ +85°C

Storage Temperature : -45°C ~ +85°C

V.S.W.R

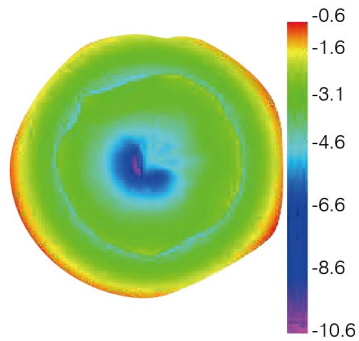




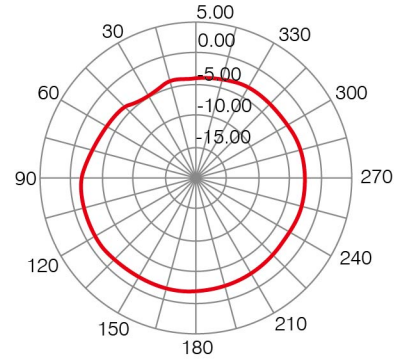
5G NR External Antenna

Radiation Direction

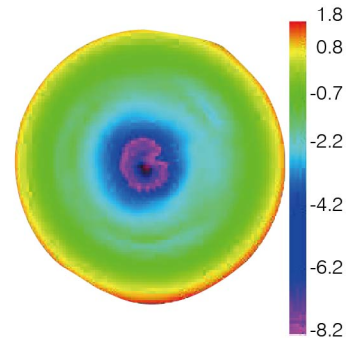
1710.000MHz



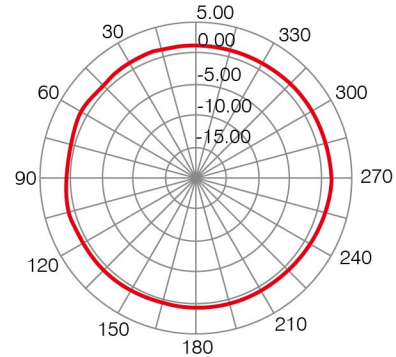
1710.000MHz H



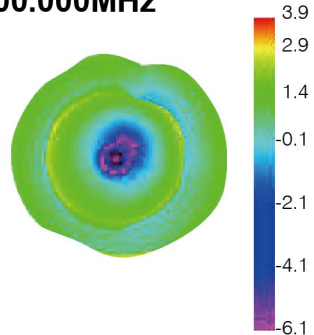
2690.000MHz



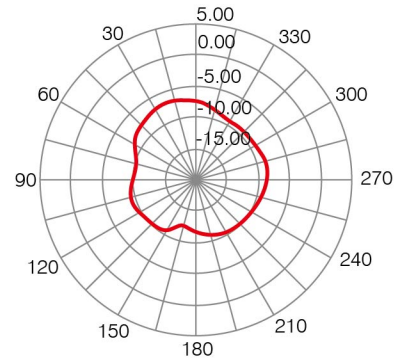
2690.000MHz H



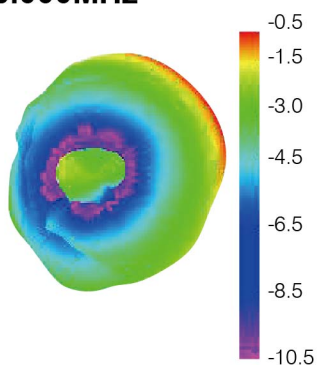
3300.000MHz



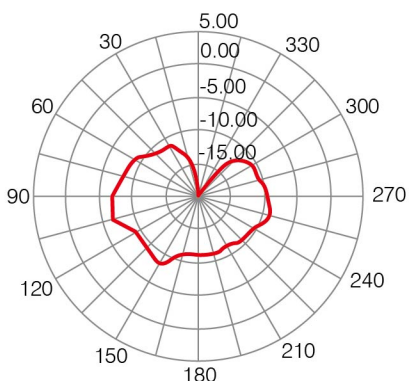
3300.000MHz H



5000.000MHz



5000.000MHz



5G NR External Antenna

ELECTRICAL PROPERTIES

Frequency Range : 600~960/1450~2690/3300~4200/4400~6000 Mhz

Impedance : 50Ω

VSWR : 600 ~ 960 : <4

1450 ~ 2690 : <3

3300 ~ 4200 : <3

4400 ~ 6000 : <3

Gain : 600 ~ 960 : 0.89dBi

1450 ~ 2690 : 0.75dBi

3300 ~ 4200 : 3.39dBi

4400 ~ 6000 : 0.97dBi

Radiation : Omni-directional

Polarization : Linear Vertical

PHYSICAL PROPERTIES

Connector : SMA St. Plug

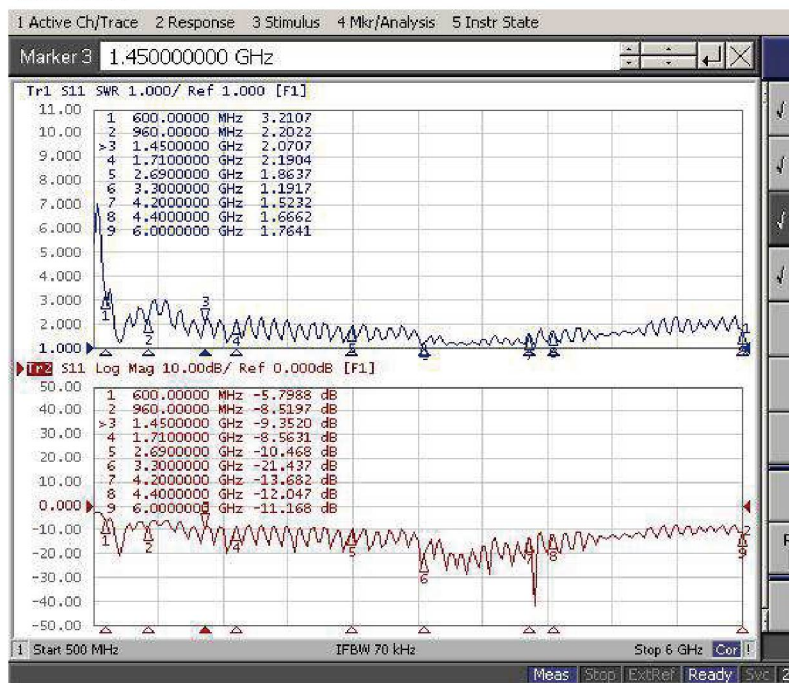
Operating Temperature : -40 ~ +85°C

Storage Temperature : -45 ~ +85°C

Color : Black



V.S.W.R

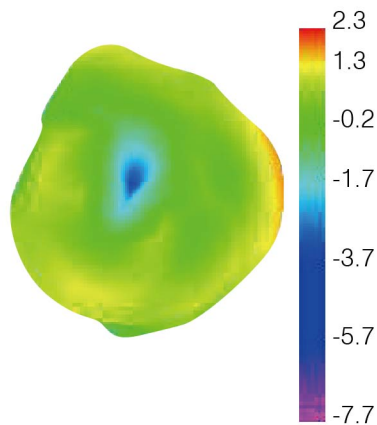




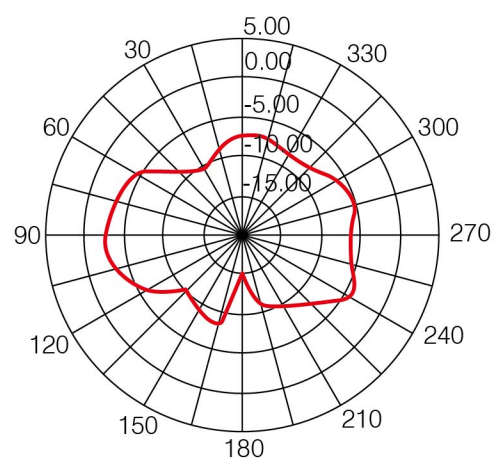
5G NR External Antenna

Radiation Direction

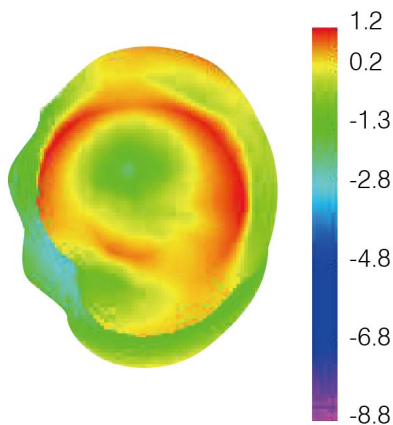
4200.000MHz



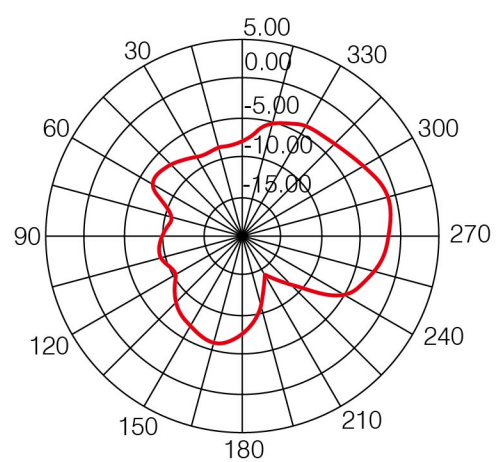
4200.000MHz H



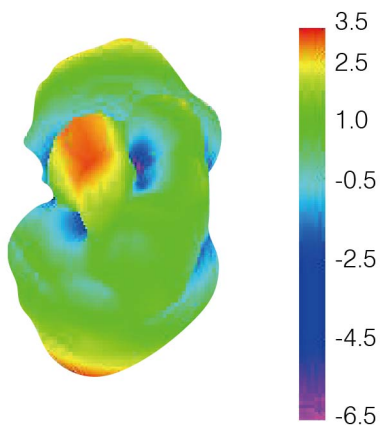
5000.000MHz



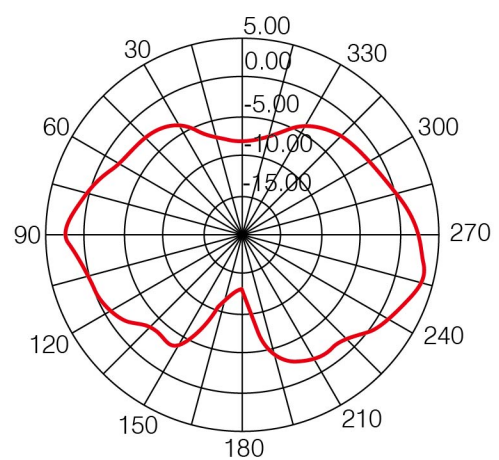
5000.000MHz H



6000.000MHz



6000.000MHz H



b/g/n Embedded Antenna for WLAN 2.4G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization

PHYSICAL PROPERTIES

Connector : I-PEX/Molex/ Customization available

Dimensions : 39.8 x 8.28 x 0.8(T) mm /Customization available

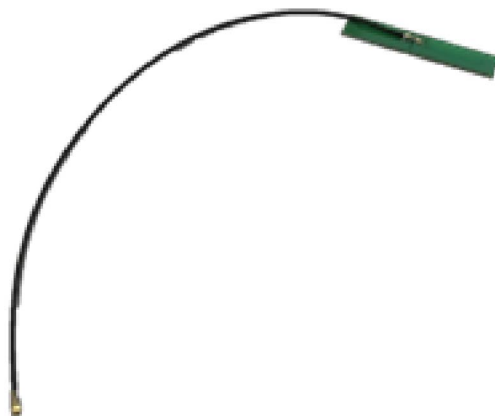
Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Black

Cable Length : 150mm or Customization

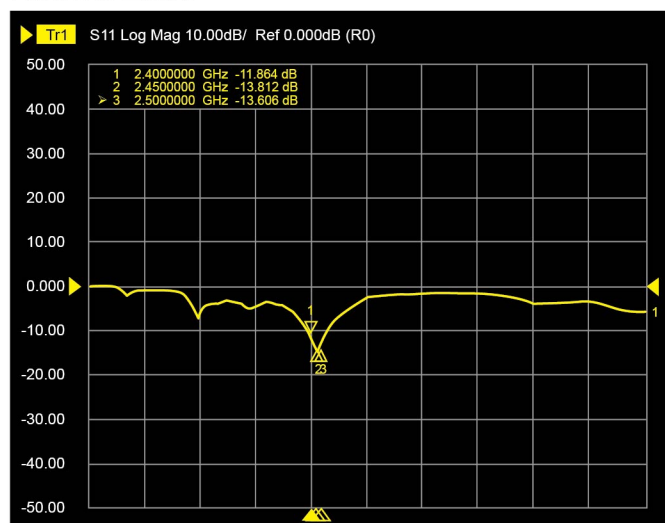


Chamber Test

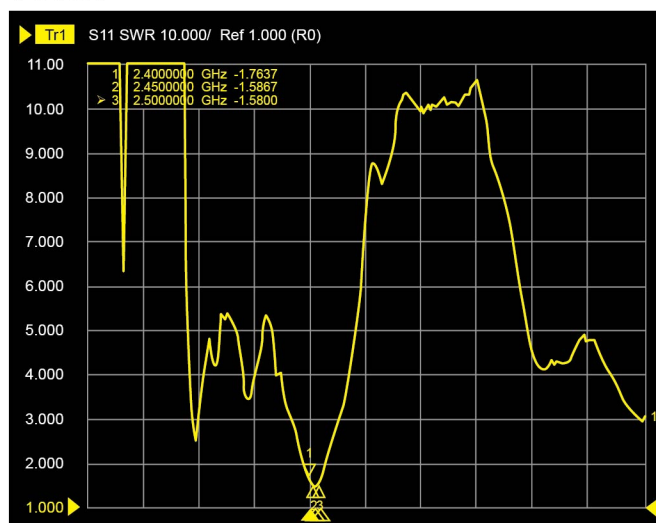


Channel	2400	2450	2500
Note	EM-12		
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-1.6944	-1.83832	-1.75108
Peak EIRP (dBm)	2.70874	2.46746	2.18117
Directivity (dBi)	4.40314	4.30577	3.93224
Efficiency (dB)	-1.6944	-1.83832	-1.75108
Efficiency (%)	67.6955	65.489	66.8178

Return Loss



VSWR



b/g/n Embedded Antenna for WLAN 2.4G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX/Molex/ Customization available

Dimensions : 23.7 x 13 x 0.8(T) mm /
Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Black

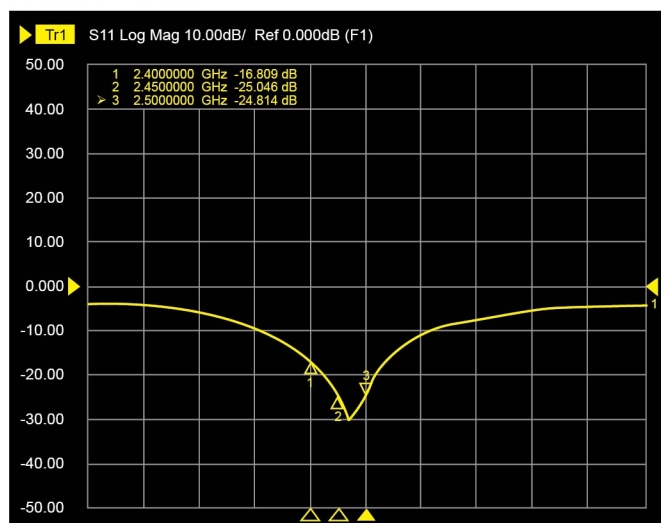
Cable Length : 113mm or Customization



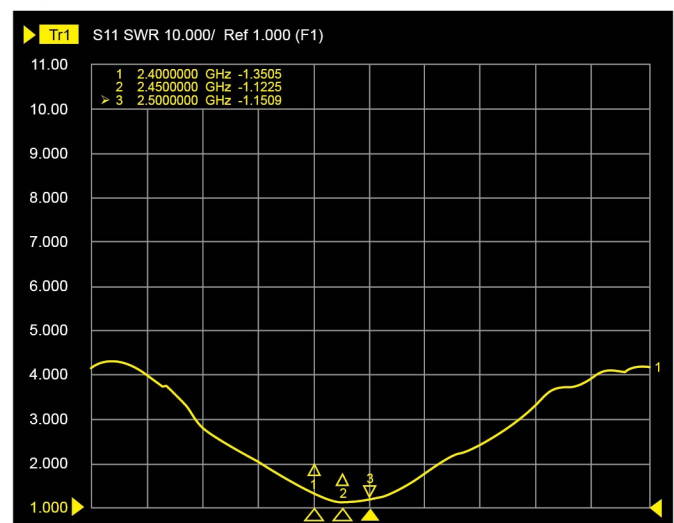
Chamber Test

Channel	2400	2450	2500
Note	EM-15		
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-2.29484	-2.66097	-2.98366
Peak EIRP (dBm)	3.4971	2.92339	2.12342
Directivity (dBi)	5.79194	5.58435	5.10709
Efficiency (dB)	-2.29484	-2.66097	-2.98366
Efficiency (%)	58.9544	54.188	50.3076

Return Loss



VSWR



b/g/n Embedded Antenna for WLAN 2.4G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 MHz

Impedance : 50Ω

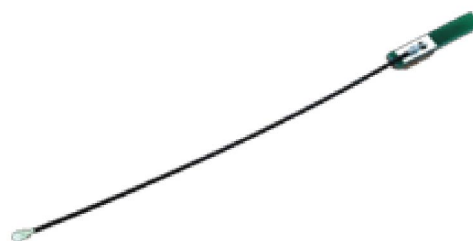
VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX/Molex / Customization available

Dimensions : 23.7 x 13 x 0.8(T) mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Black

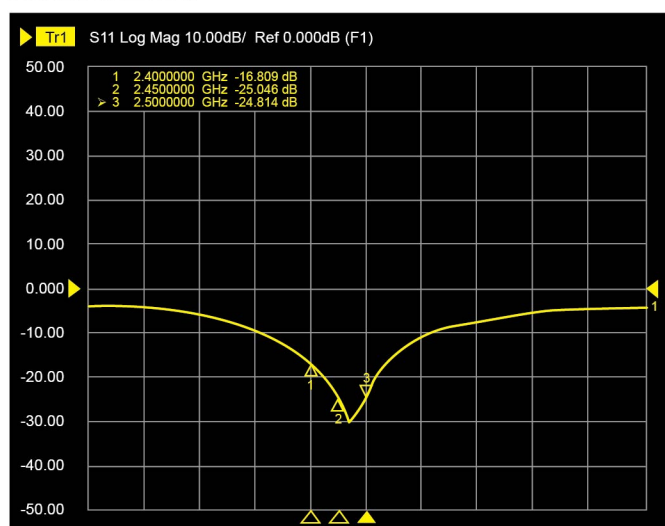
Cable Length : 113mm or Customization



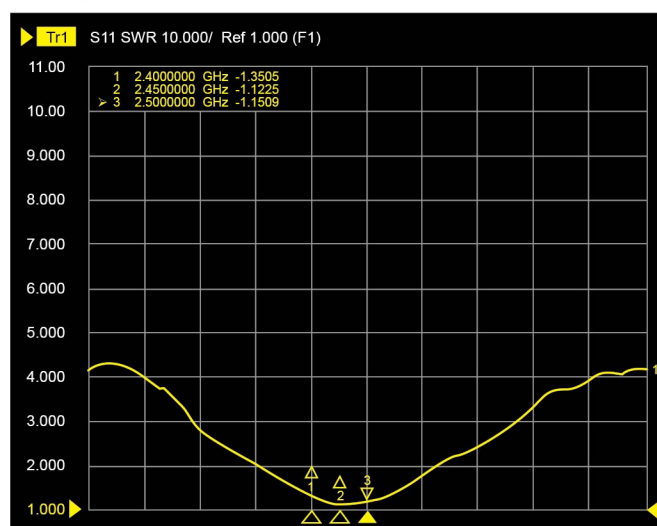
Chamber Test

Channel	2400	2450	2500
Note	EM-15		
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-2.29484	-2.66097	-2.98366
Peak EIRP (dBm)	3.4971	2.92339	2.12342
Directivity (dBi)	5.79194	5.58435	5.10709
Efficiency (dB)	-2.29484	-2.66097	-2.98366
Efficiency (%)	58.9544	54.188	50.3076

Return Loss



VSWR



b/g/n Embedded Antenna for WLAN 2.4G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 MHz

Impedance : 50Ω

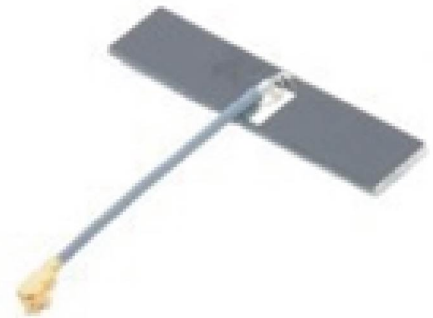
VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector Type : I-PEX/Molex / Customization available

Dimensions : 32.6 x 8 x 0.8(T) mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13mm Black

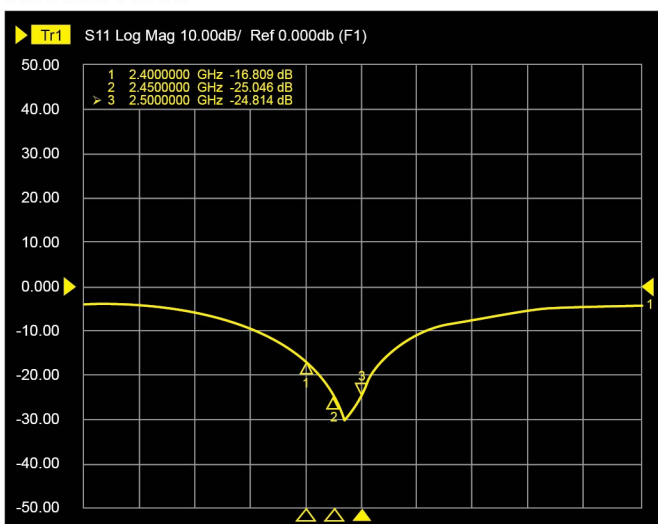
Cable Length : 30mm or Customization



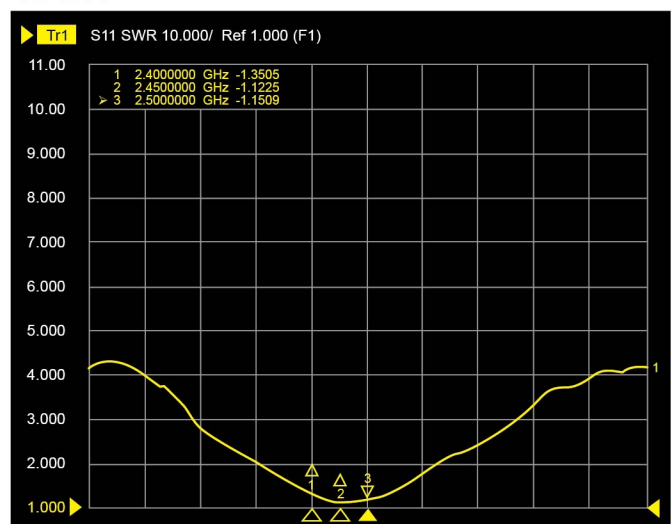
Chamber Test

Frequency Test (MHz)	Peak Gain (dBi)	Tot. Rad. Pwr (dBm)	Efficiency (%)
2400	2.6	-1.82	65.71
2450	3.28	-1.58	69.49
2500	3.14	-1.84	65.39

Return Loss



VSWR



a/n/ac Embedded Antenna for WLAN 5G

ELECTRICAL PROPERTIES

Frequency Range : 5150~5875 MHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : ≤ -10 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 2 dBi
 Polarization : Linear polarization

PHYSICAL PROPERTIES

Connector : I-PEX / Molex / Customization available
 Dimensions : 22.1 x 6.05 x 0.4(T)mm/ Customization available
 Operating Temperature : -40℃ ~ +80℃
 Storage Temperature : -45℃ ~ +85℃
 Material : PCB
 Cable Type : OD1.13 Black
 Cable Length : 70mm or Customization

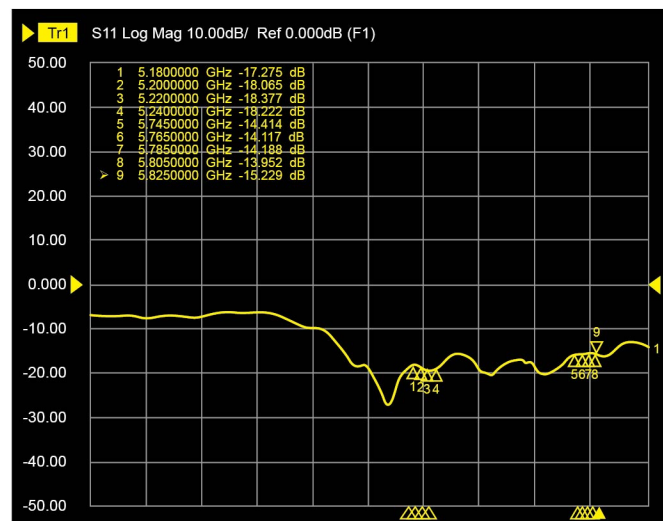
Chamber Test



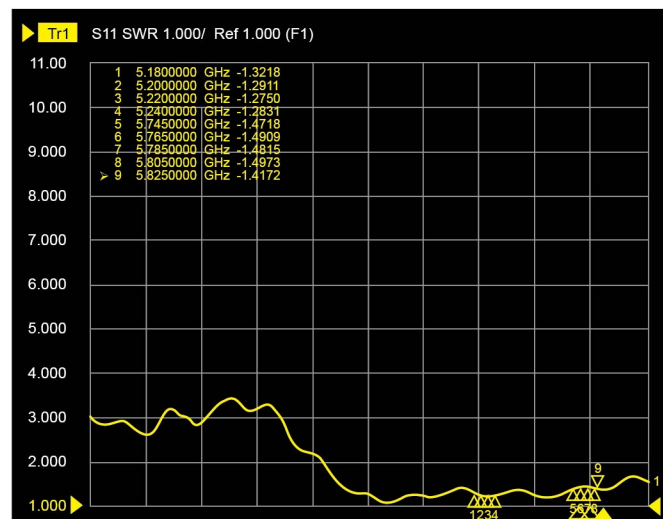
Frequency Test (MHz)	Peak Gain (dBi)	Tot. Rad. Pwr (dBm)	Efficiency (%)
5GHz			
5180	3.82143	-1.11482	77.3602
5200	4.39995	-0.680294	85.5009
5220	4.16612	-0.818034	82.8317
5240	4.3376	-0.72516	84.6221
5260	4.07175	-0.975865	79.8755
5280	4.17596	-0.919886	80.9117
5300	4.48864	-0.717621	84.7692
5320	4.1707	-0.625627	86.5839
5500	3.98622	-1.35712	73.1624
5520	3.64854	-1.20808	75.7167
5540	3.25931	-1.15695	76.6135
5560	4.87212	-0.364601	91.9475
5580	4.15614	-0.531574	88.4795
5660	3.43581	-1.50833	70.6589
5680	3.4184	-1.2665	74.7051
5700	4.19245	-0.984561	79.7157
5745	4.01168	-0.680479	85.4972
5765	3.65985	-1.05359	78.4586
5785	4.09548	-1.01854	79.0944
5805	3.80567	-1.23149	75.3097
5825	4.63782	-0.893889	81.3975



Return Loss



VSWR



a/b/g/n/ac Embedded Antenna for WLAN 2.4G+5G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 / 5150~5875 MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX / Molex / Customization available

Dimensions : 42.2 x 7.35 x 0.8(T) mm /
Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Black

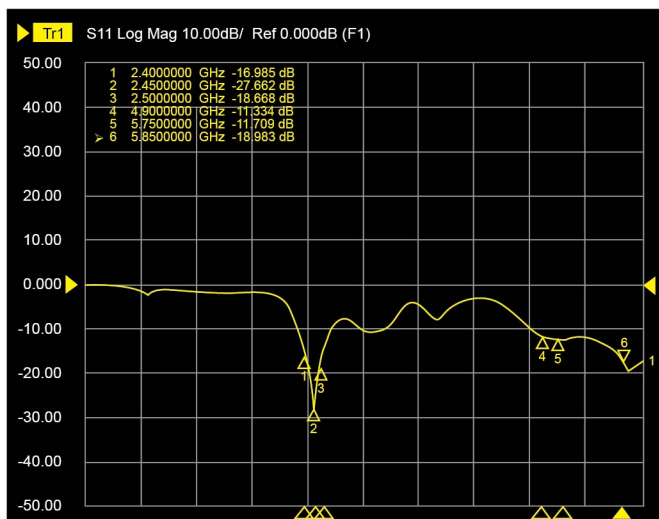
Cable Length : 110mm / Customization



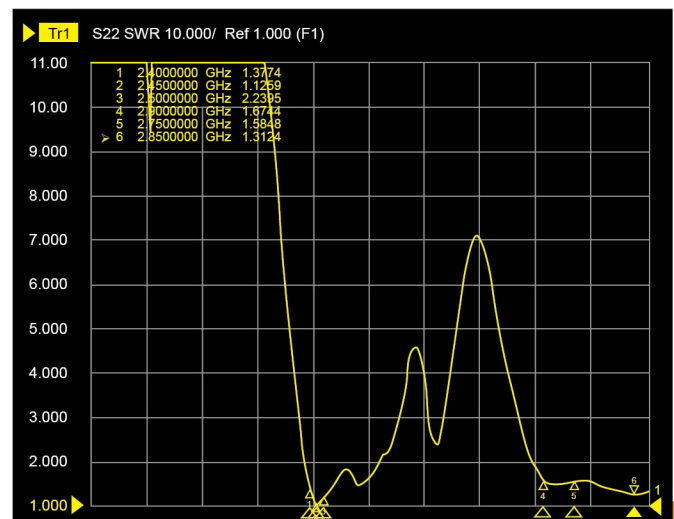
Chamber Test

Frequency (MHz)	Peak Gain (dBi)	Tot. Rad. Pwr. (dBm)	Efficiency (%)
WLAN			
2400	5.65034	-0.891638	81.4397
2450	4.72736	-1.1419	76.8794
2500	4.6769	-1.26406	74.7471
5150	2.04262	-1.94642	63.879
5450	3.90713	-0.918064	80.9457
5600	3.31639	-1.75812	66.7096
5765	2.31567	-2.98812	50.256
5850	2.80683	-2.47068	56.6151

Return Loss



VSWR



ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 / 5150~5875 MHz

Impedance : 50Ω

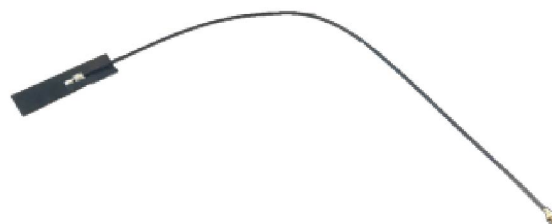
VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX / Molex / Customization available

Dimensions : 37 x 9.5 x 0.2(T) mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : FPCB

Cable Type : OD1.13 Black

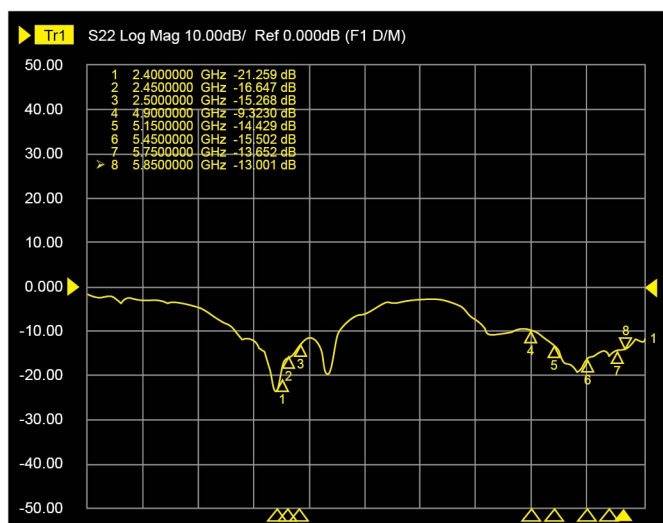
Cable Length : 195mm / Customization

Chamber Test

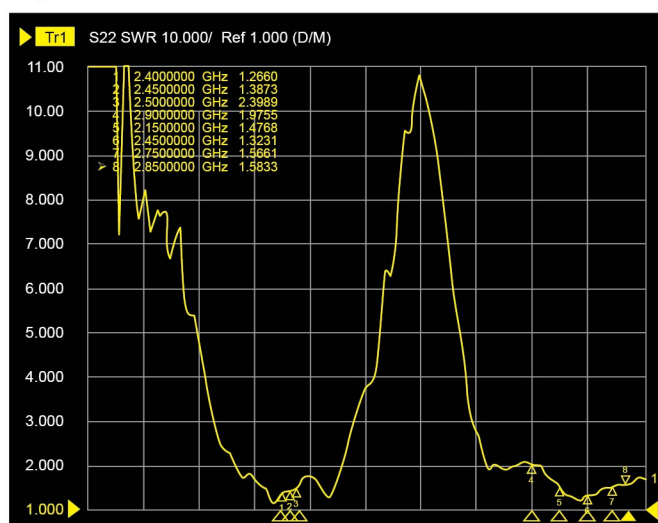


Channel	2400	2450	2500	5150	5450	5600	5765	5850
Note	EM57							
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-1.51901	-1.69624	-1.96835	-2.08388	-1.51602	-2.38593	-4.20107	-3.6539
Peak EIRP (dBm)	4.19273	4.39656	4.26677	2.94932	4.03404	3.32437	1.6032	2.47038
Directivity (dBi)	5.71174	6.0928	6.23512	5.0332	5.55007	5.7103	5.80427	6.12428
Efficiency (dB)	-1.51901	-1.69624	-1.96835	-2.08388	-1.51602	-2.38593	-4.20107	-3.6539
Efficiency (%)	70.4854	67.6669	63.5573	61.8888	70.5338	57.7307	38.0096	43.1132

Return Loss



VSWR



b/g/n Embedded Antenna for WLAN 2.4G+5G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 / 5150~5875 MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX/Molex/ Customization available

Dimensions : 36.5 x 8 x 0.8(T) mm /
Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Gray

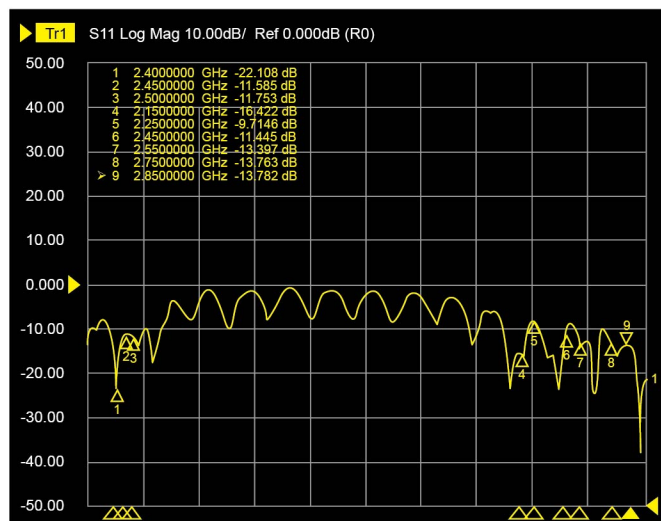
Cable Length : 200mm/Customization



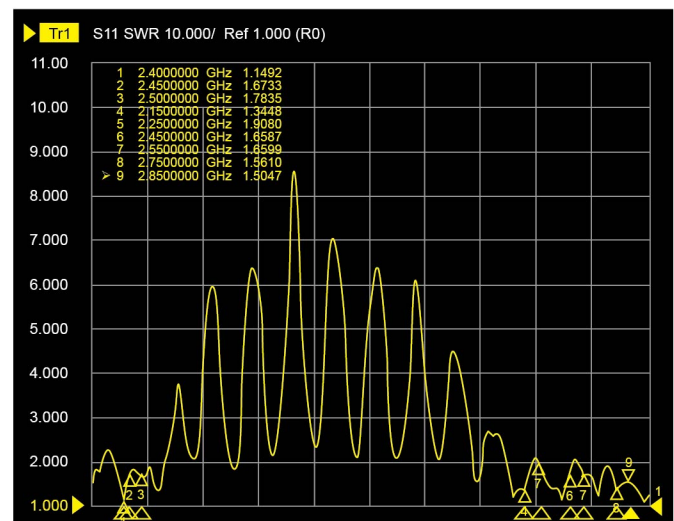
Chamber Test

Channel	2400	2450	2500	5150	5250	5450	5550	5725	5850
Note									
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-8.71431	-7.71716	-9.61182	-11.1535	-11.1264	-7.83942	-8.01755	-6.67033	-5.69149
Peak EIRP (dBm)	-1.48642	-0.861067	-4.11248	-6.41743	-5.37299	-2.0295	-2.57661	-1.02192	-0.137657
Directivity (dBi)	7.22789	6.85609	5.49934	4.73604	5.7534	5.80992	5.44094	5.64841	5.55383
Efficiency (dB)	-8.71431	-7.71716	-9.61182	-11.1535	-11.1264	-7.83942	-8.01755	-6.67033	-5.69149
Efficiency (%)	13.4452	16.9155	10.935	7.6675	7.71544	16.4459	15.785	21.5262	26.9681

Return Loss



VSWR



ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 / 5150~5875 MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX / Molex/ Customization available

Dimensions : 36.5 x 8 x 0.8(T)mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Black

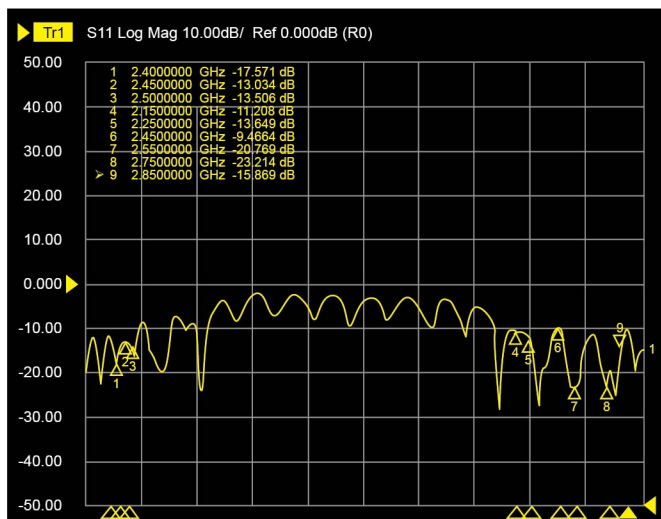
Cable Length : 270mm / Customization

Chamber Test

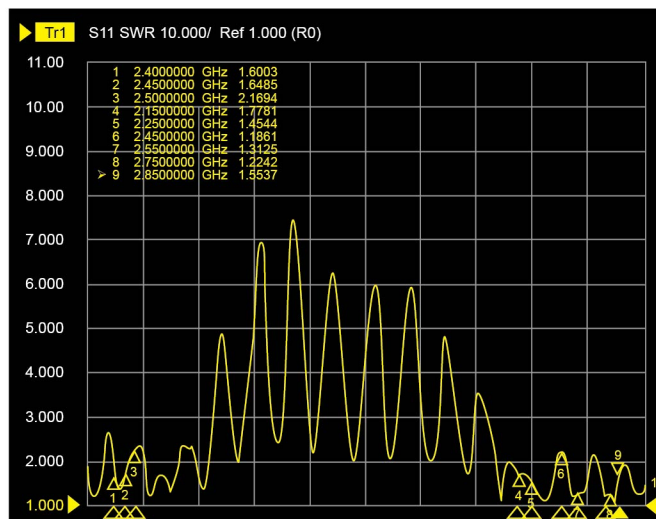


Channel	2400	2450	2500	5150	5250	5450	5550	5725	5850
Note									
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-8.31342	-8.13431	-6.97682	-8.30101	-8.847	-8.53481	-9.88259	-9.42132	-6.47825
Peak EIRP (dBm)	-3.0036	-2.93826	-1.42377	-2.01285	-3.21207	-2.46483	-3.96003	-3.9906	-1.42527
Directivity (dBi)	5.30982	5.19605	5.55305	6.28816	5.63493	6.06998	5.92255	5.43072	5.05299
Efficiency (dB)	-8.31342	-8.13431	-6.97682	-8.30101	-8.847	-8.53481	-9.88259	-9.42132	-6.47825
Efficiency (%)	14.7454	15.3663	20.0594	14.7877	13.0407	14.0126	10.274	11.4253	22.4996

Return Loss



VSWR



b/g/n Embedded Antenna for WLAN 2.4G+5G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 / 5150~5875 MHz

Impedance : 50Ω

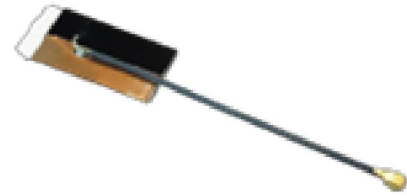
VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX/Molex/ Customization available

Dimensions : 27 x 8.5 x 0.4(T) mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Gray

Cable Length : 48mm/Customization



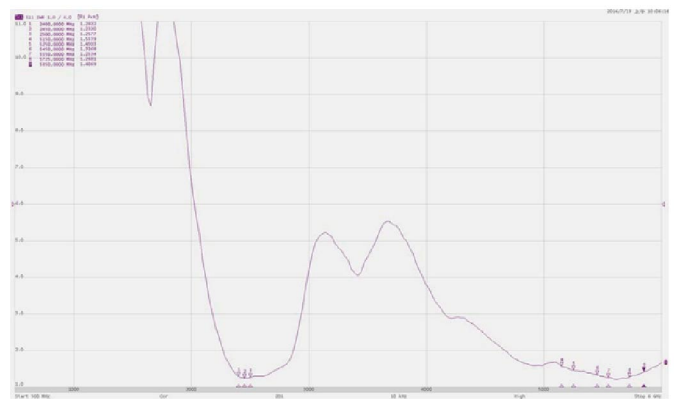
Chamber Test

Channel	2400	2450	2500	5150	5250	5450	5550	5725	5850
Note	almost 3								
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-2.32277	-2.2655	-2.27604	-3.08695	-2.69304	-2.68919	-3.28054	-3.51296	-3.51128
Peak EIRP (dBm)	1.44585	1.94335	1.53901	1.64237	1.91103	2.62424	1.94627	1.59652	2.02554
Directivity (dBi)	3.76862	4.20886	3.81505	4.72932	4.60407	5.31344	5.22682	5.10947	5.53682
Efficiency (dB)	-2.32277	-2.2655	-2.27604	-3.08695	-2.69304	-2.68919	-3.28054	-3.51296	-3.51128
Efficiency (%)	58.5764	59.3539	59.2101	49.1253	53.7893	53.837	46.9835	44.5353	44.5525

Return Loss



VSWR



IOT Embedded Antenna

ELECTRICAL PROPERTIES

Frequency Range : 868~921MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX/Molex/ Customization

Dimensions : 40.4 x 9.4 x 0.8(T)mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 Black

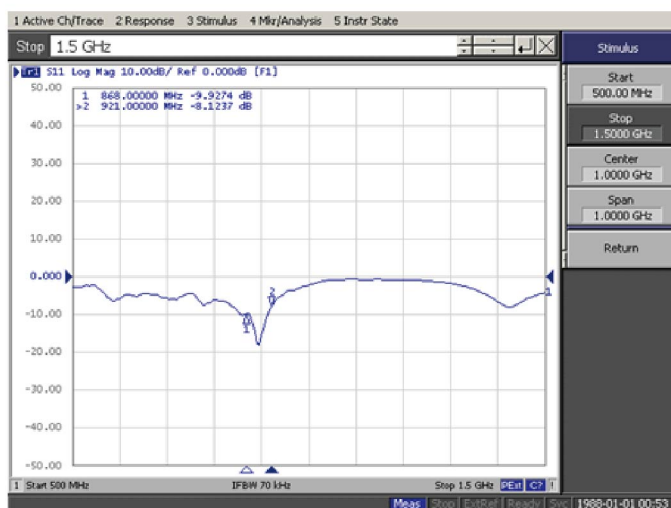
Cable Length : 80mm or Customization



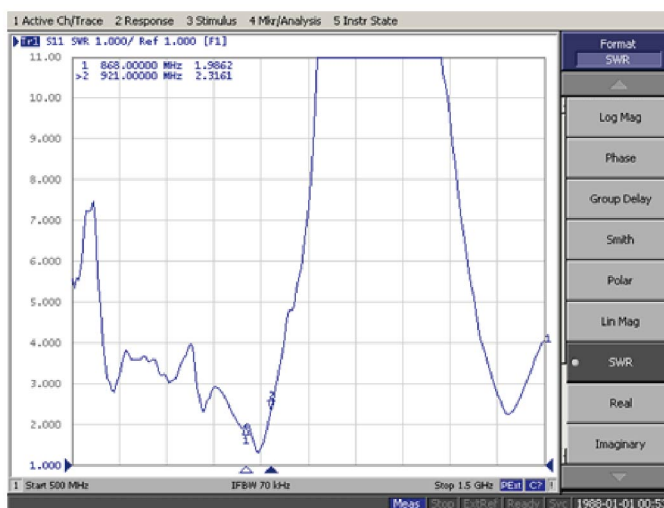
Chamber Test

Frequency (MHz)	Peak Gain (dBi)	Tot. Rad. Pwr. (dBm)	Efficiency (%)
Z-wave			
868.42	1.84124	-3.65598	43.0926
869.85	1.96828	-3.55772	44.0786
908.42	2.42343	-3.53241	44.3363
916	1.92091	-4.14611	38.4936
919.82	1.46649	-4.54079	35.1496
921.42	1.31295	-4.61447	34.5584

Return Loss



VSWR



IOT Embedded Antenna

ELECTRICAL PROPERTIES

Frequency Range : 824~960 / 1710~2170MHz
 Impedance : 50Ω
 VSWR : ≤ 3.0
 Return Loss : ≤ -7 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 2 dBi
 Polarization : Linear polarization



PHYSICAL PROPERTIES

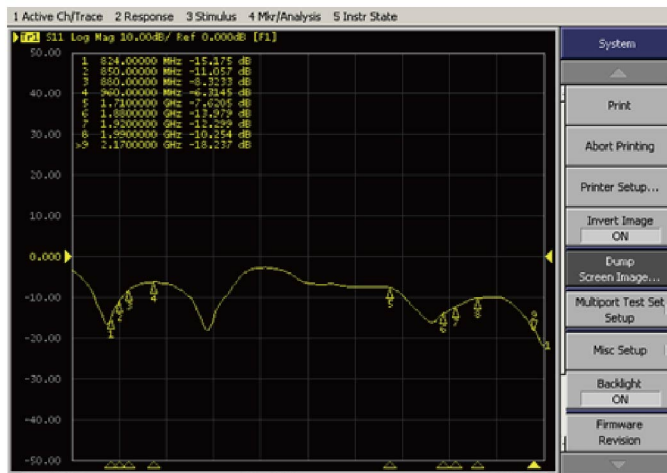
Connector : I-PEX / Molex / Customization available
 Dimensions : 70 x 10 x 0.8(T)mm or Customization
 Operating Temperature : -40°C ~ +80°C
 Storage Temperature : -45°C ~ +85°C
 Material : PCB
 Cable Type : OD1.37 Black
 Cable Length : 200mm or Customization

Chamber Test

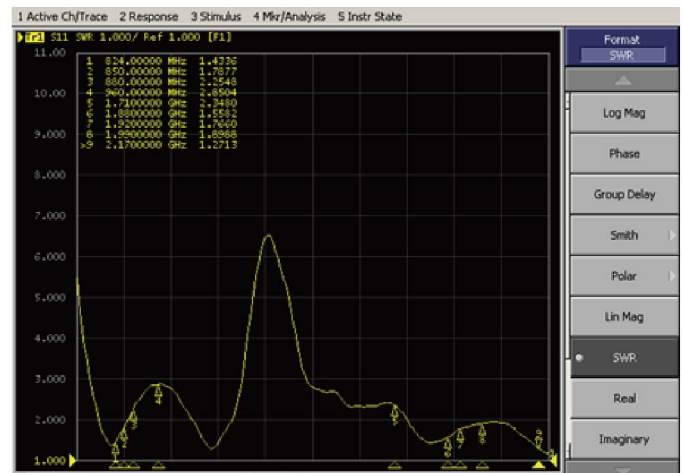


Channel	824	850	880	960	1710	1880	1920	1990	2170
Note	EM08								
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-4.45239	-3.54976	-2.86393	-4.66868	-5.28691	-3.80746	-4.3712	-3.41876	-4.50319
Peak EIRP (dBm)	-0.457177	0.371513	1.07251	-0.420517	0.445681	1.24105	0.500257	1.43266	0.38372
Directivity (dBi)	3.99521	3.92127	3.93644	4.24814	5.73159	5.04851	4.87145	4.85143	4.88691
Efficiency (dB)	-4.45239	-3.54976	-2.86393	-4.66866	-5.28591	-3.80746	-4.3712	-3.41876	-4.50319
Efficiency (%)	35.8724	44.1595	51.7139	34.1298	29.608	41.6154	36.5494	45.5118	35.4553

Return Loss



VSWR



LTE Embedded Antenna

ELECTRICAL PROPERTIES

Frequency Range : 704~960 / 1710~2690MHz

Impedance : 50Ω

VSWR : ≤ 3.5

Return Loss : ≤ -7 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : I-PEX / Molex / Customization available

Dimensions : 79.2 x 11.85 x 0.8(T) / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.37 Black

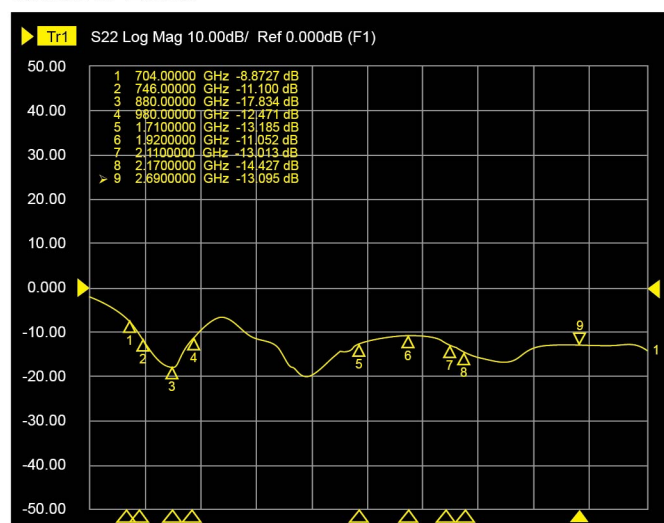
Cable Length : Customization



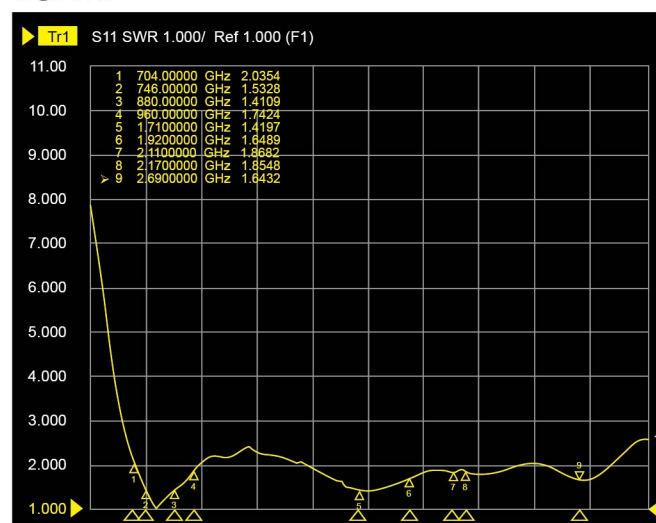
Chamber Test

Frequency (MHz)	Peak Gain (dBi)	Tot. Rad. Pwr. (dBm)	Efficiency (%)
LTE			
704	0.87	-3.13	48.56
746	0.91	-3.31	46.63
787	1.02	-3.28	46.98
791	0.87	-3.19	47.86
824	0.83	-3.41	45.6
960	0.85	-3.32	44.31
1710	0.75	-3.42	42.81
1920	0.5	-3.35	46.19
2110	1.5	-2.68	44.85
2170	2.15	-2.51	43.26
2570	1.15	-3.39	44.92
2690	1.05	-3.21	43.64

Return Loss



VSWR



LTE Embedded Antenna

ELECTRICAL PROPERTIES

Frequency Range : 704~960 / 1710~2690MHz

Impedance : 50Ω

VSWR : ≤ 3.5

Return Loss : ≤ -7 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization

PHYSICAL PROPERTIES

Connector : I-PEX / Molex / Customization available

Dimensions : 79 x 14.5 x 0.4(T) mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.37 Black

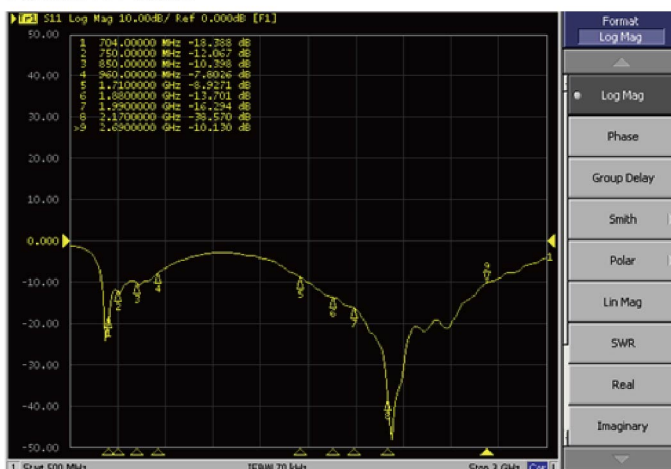
Cable Length : 350mm / Customization



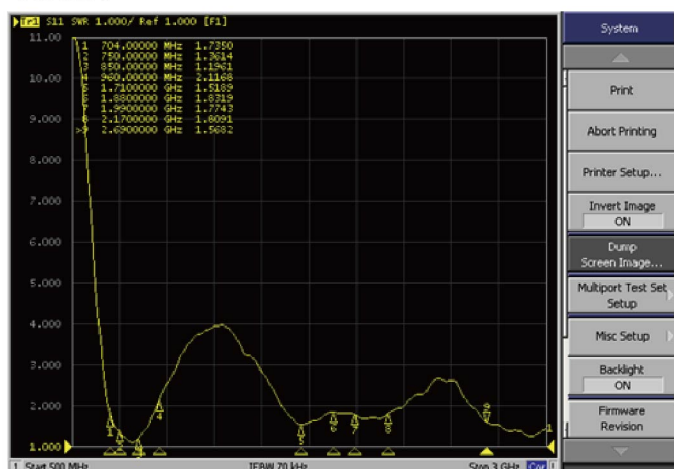
Chamber Test

Channel	704	850	880	960	1710	1880	1920	1990	2170	2690
Note	LTE									
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-5.24558	-4.76041	-4.5237	-6.93664	-3.85291	-3.70581	-2.95512	-3.38365	-3.37941	-4.14292
Peak EIRP (dBm)	-0.88007	-0.462963	-0.704335	-3.42479	1.3284	1.88497	2.38027	2.29674	1.57476	0.33602
Efficiency (dB)	-5.24558	-4.76041	-4.5237	-6.93664	-3.85291	-3.70581	-2.95512	-3.38365	-3.37941	-4.14292
Efficiency (%)	30.2908	33.4163	32.9753	20.2458	41.1821	42.6009	50.6394	45.8812	45.926	35.6625

Return Loss



VSWR



LTE Embedded Antenna

ELECTRICAL PROPERTIES

Frequency Range : 704~960 / 1710~2690MHz

Impedance : 50Ω

VSWR : ≤ 3.5

Return Loss : ≤ -7 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization

PHYSICAL PROPERTIES

Connector : I-PEX / Molex / Customization available

Dimensions : 67.9 x 15.7 x 0.4(T) mm / Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.37 Black

Cable Length : Customization



Chamber Test



Test Mode Free Space & Talking Position												
Communication System	LTE band 17TX			LTE band 17RX			LTE 700MHz TX			LTE 700MHz RX		
Channel	704	710	716	734	740	746	746	751	756	777	782	787
Note	LTE -Main (704-960MHz) simulation											
Tot. Rad. Pwr. (dBm)	-3.232	-2.92544	-2.70316	-2.53025	-2.69643	-2.72448	-2.72448	-3.01663	-3.13765	-3.28079	-3.28413	-3.44943
Peak EIRP (dBm)	0.836838	0.982971	1.13811	1.24238	0.997889	0.980254	0.980254	0.721991	0.684533	1.88694	0.331078	0.667803
Directivity (dBi)	3.96883	3.90841	3.84128	3.77263	3.69432	3.70473	3.70473	3.73862	3.83219	5.56773	3.55306	3.18163
Efficiency (dB)	-3.232	-2.92544	-2.70316	-2.53025	-2.69643	-2.72448	-2.72448	-3.01663	-3.13765	-3.28079	-3.28413	-3.54943
Efficiency (%)	45.3448	50.9866	53.6641	55.8438	53.7473	53.4014	53.4014	49.9272	48.5551	48.847	47.8871	46.2151

Test Mode Free Space & Talking Position												
Communication System	800 MHz TX			800 MHz RX			900 MHz TX			900 MHz RX		
Channel	824	836	849	869	880	894	880	900	915	925	940	960
Note	LTE -Main (704-960MHz) simulation											
Tot. Rad. Pwr. (dBm)	-3.57183	-3.56928	-2.72588	-3.07783	-3.38761	-3.53055	-3.38761	-3.3587	-3.14894	-2.77365	-3.01388	-3.44472
Peak EIRP (dBm)	1.964171	0.807866	0.711168	0.773578	0.742926	0.899848	0.742926	0.3842	0.759014	1.12751	0.987446	0.587668
Directivity (dBi)	3.00766	2.86141	3.43704	3.85141	4.13054	4.4304	4.13054	3.7429	3.90796	3.90116	4.00133	4.03239
Efficiency (dB)	-3.57183	-3.56928	-2.72588	-3.07783	-3.38761	-3.53055	-3.38761	-3.3587	-3.14894	-2.77365	-3.01388	-3.44472
Efficiency (%)	45.0698	45.9608	53.3842	49.2285	45.8394	44.3552	45.8394	46.1456	48.429	52.8002	49.9588	45.2405



LTE Embedded Antenna



Chamber Test

Test Mode Free Space & Talking Position												
Communication System	1800MHz TX			1800MHz RX			1900MHz TX			1900MHz RX		
Channel	1710	1750	1785	1805	1840	1880	1850	1880	1910	1930	1960	1990
Note	LTE -Main (1704-2960MHz) simulation											
Tot. Rad. Pwr. (dBm)	-3.00869	-3.0421	-2.98385	-2.42675	-2.53339	-2.99514	-2.87529	-2.99514	-3.47664	-2.93797	-3.03231	-3.26407
Peak EIRP (dBm)	0.711512	0.663413	0.803496	1.67207	2.18097	1.89647	2.27404	1.89647	2.67638	3.29195	3.14951	1.17253
Directivity (dBi)	4.3202	3.70511	3.78735	4.09882	4.71436	4.89161	5.14934	4.89161	6.15302	6.22992	6.18182	5.5366
Efficiency (dB)	-3.80869	-3.0421	-2.98385	-2.42675	-2.53339	-2.99514	-2.87529	-2.99514	-3.47664	-2.93797	-3.03231	-4.36407
Efficiency (%)	49.5644	49.6352	50.3054	57.1906	55.8035	50.1748	51.5788	50.1748	44.9092	50.8397	49.7472	46.6094

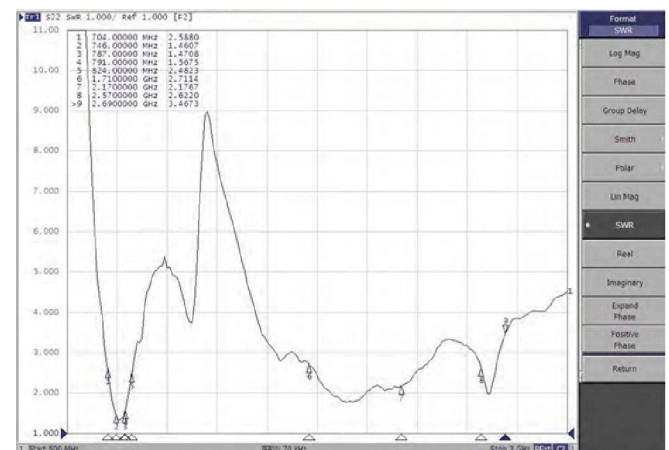
Test Mode Free Space & Talking Position												
Communication System	IMT-2000 TX			IMT-2000 RX						LET2.5G EU TX		
Channel	1920	1950	1980	2110	2140	2170	2300	2350	2400	2500	2535	2570
Note	LTE -Main (1704-2960MHz) simulation											
Tot. Rad. Pwr. (dBm)	-3.54479	-2.9887	-3.22593	-3.16447	-3.02947	-2.3372	-2.17974	-1.92254	-2.16833	-2.3083	-2.59047	-2.76322
Peak EIRP (dBm)	2.19187	3.04763	2.18586	0.95241	0.991503	2.00942	2.21997	2.38899	2.16077	1.94443	1.54122	1.32587
Directivity (dBi)	5.93665	6.03633	5.81179	4.11688	4.02097	4.34662	4.39972	4.31153	4.32909	4.25273	4.13169	4.08909
Efficiency (dB)	-3.54479	-2.9887	-3.22593	-3.16447	-3.02947	-2.3372	-2.17974	-1.92254	-2.16833	-2.3083	-2.59047	-2.76322
Efficiency (%)	46.2203	50.2493	48.3917	48.2562	49.7798	58.3821	60.5377	64.2312	60.697	58.772	55.0748	52.9271

Test Mode Free Space & Talking Position			
Communication System	LTE 2.5G EU RX		
Channel	2620	2655	2690
Note			
Tot. Rad. Pwr. (dBm)	-3.1277	-3.00221	-3.21015
Peak EIRP (dBm)	0.76635	2.13715	0.981306
Directivity (dBi)	4.39405	5.13936	4.59145
Efficiency (dB)	-3.6277	-3.00221	-3.61015
Efficiency (%)	48.374	50.0932	46.5497

Return Loss



VSWR



433MHz Antenna

ELECTRICAL PROPERTIES

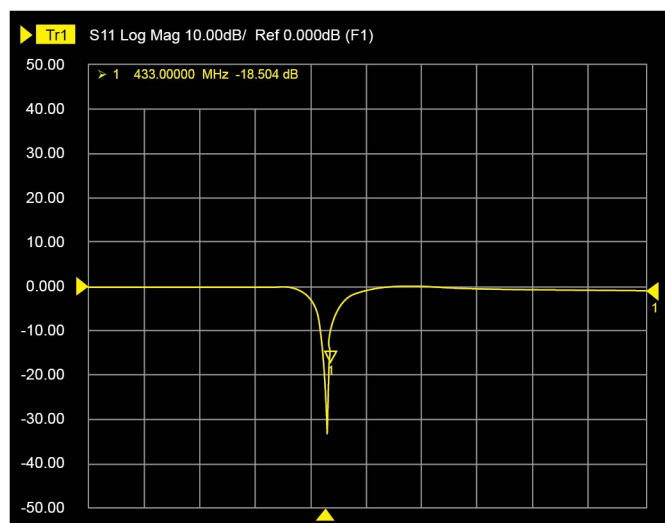
Frequency Range : 433 MHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : ≤ -10 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 2 dBi
 Polarization : Linear polarization

PHYSICAL PROPERTIES

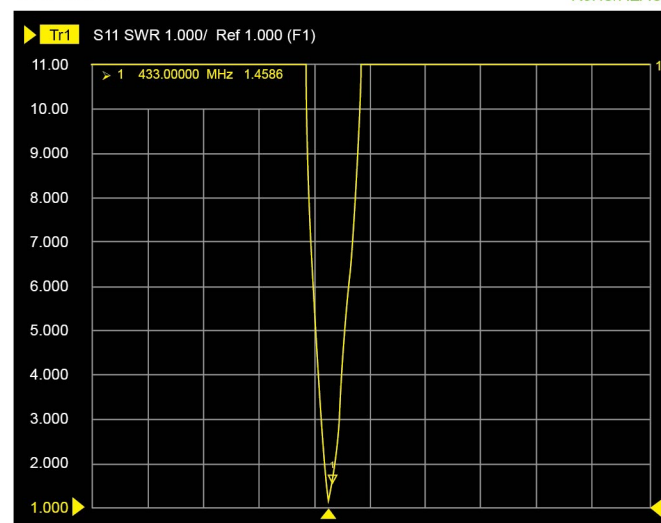
Diameter : SMA Plug / SMA Plug reverse
 Operating Temperature : $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
 Storage Temperature : $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Material : Plastic
 Antenna Cover/ Antenna Base : PBT,PC,TPE



Return Loss



VSWR



802.11 b/g/n Antenna for WLAN 2.4G

WLAN External antenna operating in the 2.4 GHz WiFi frequency band and is used for wireless device applications.

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 MHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : ≤ -10 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 2 dBi
 Polarization : Linear polarization



PHYSICAL PROPERTIES

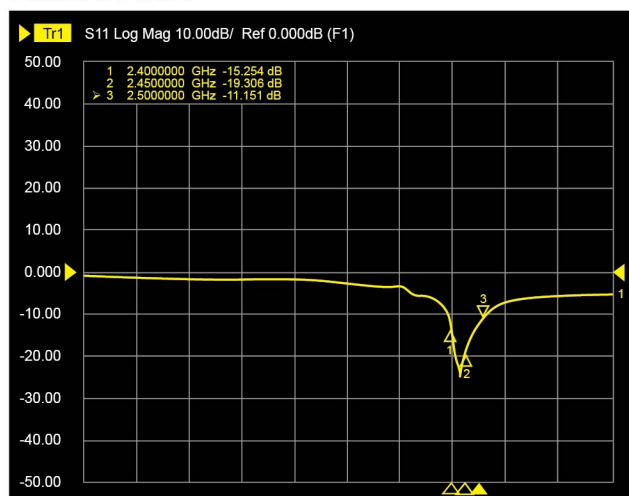
Connector : Small SMA Plug or Small SMA Plug Reverse
 Dimensions : 108±1mm
 Material : Plastic
 Antenna Cover/ Antenna Base : PBT, PC, TPE



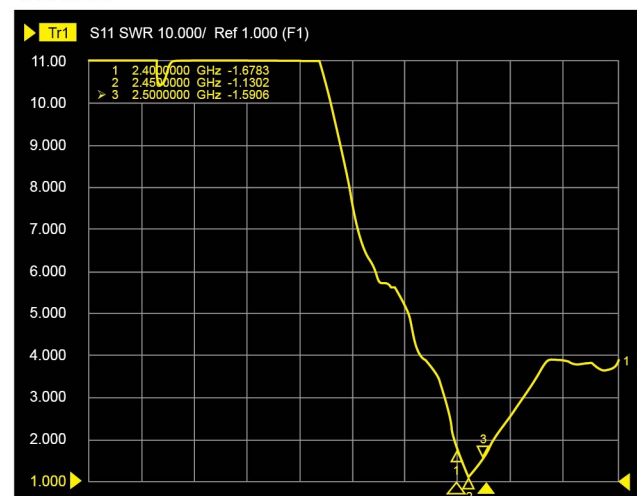
Chamber Test

Test Mode Free Space & Talking Position	Free Space		
Frequency	2400	2450	2500
OTA-Note	WiFi-2dBi		
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-2.60047	-1.56168	-1.42123
Peak EIRP (dBm)	1.618593	2.1186	2.62239
Directivity (dBi)	3.21906	3.68028	4.04363
Efficiency (dB)	-2.60047	-1.56168	-1.42123
Efficiency (%)	54.9481	69.7963	72.0903

Return Loss



VSWR



802.11 a/n/ac Antenna for WLAN 5G

ELECTRICAL PROPERTIES

Frequency Range : 5150~5875 MHz

Impedance : 50Ω

VSWR : ≤ 2.3

Return Loss : ≤ -8 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : SMA Plug / SMA Plug Reverse

Dimensions : 28±2mm

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : Plastic

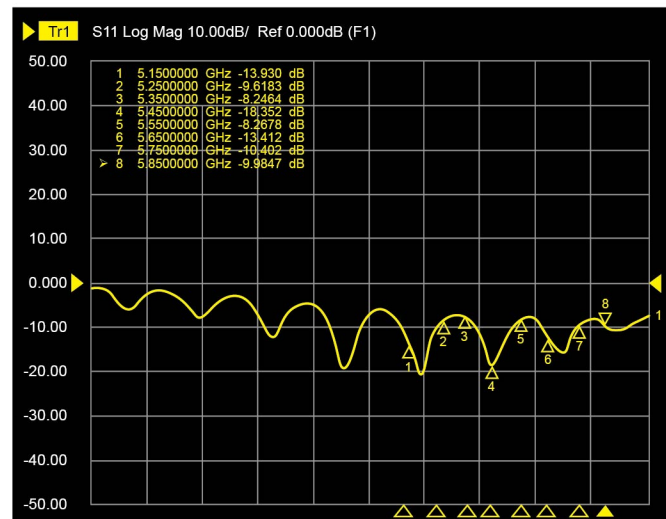
Antenna Cover/ Antenna Base : TPE



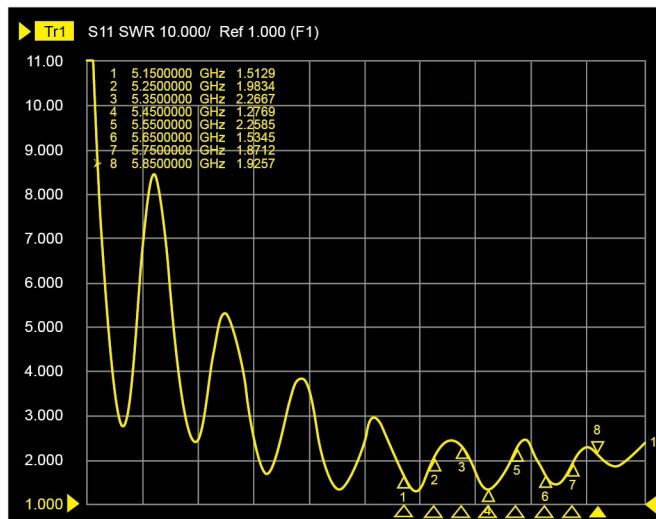
Chamber Test

Test Mode Free Space & Talking Position								
Frequency	5150	5250	5350	5450	5550	5650	5750	5850
OTA-1 Note	a/n/ac 5GHz							
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-1.35417	-2.12435	-2.11084	-1.68676	-1.41835	-0.947746	-1.05141	-1.08264
Peak EIRP (dBm)	3.23332	2.671	2.54969	2.68267	3.06534	3.23875	3.01673	2.8465
Directivity (dBi)	4.58749	4.79536	4.66053	4.36943	4.48369	4.1865	4.06814	3.92914
Efficiency (dB)	-1.35417	-2.12435	-2.11084	-1.68676	-1.41835	-0.947746	-1.05141	-1.08264
Efficiency (%)	73.212	61.3147	61.5058	67.8147	72.1382	80.3943	78.498	77.9356

Return Loss



VSWR



802.11 a/b/g/n/ac Antenna for WLAN 2.4G+5G

ELECTRICAL PROPERTIES

Frequency Range : 2400~2500 / 5150~5875 MHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : ≤ -10 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 3 dBi
 Polarization : Linear polarization

PHYSICAL PROPERTIES

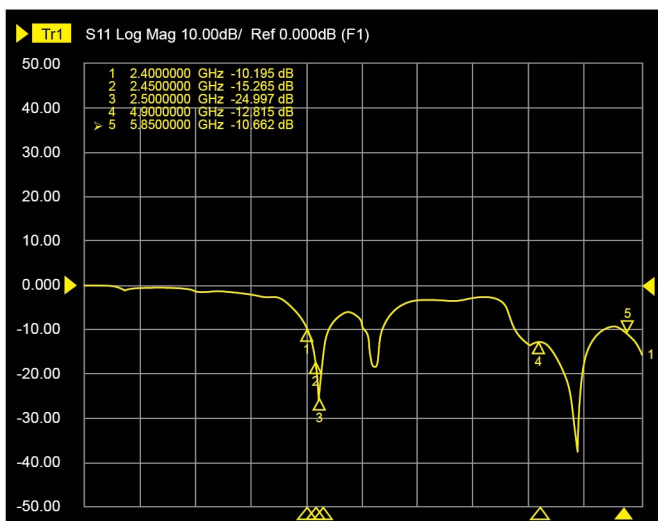
Connector : SMA Plug / SMA Plug Reverse
 Dimensions : 111±1mm
 Operating Temperature : -40℃ ~ +80℃
 Storage Temperature : -45℃ ~ +85℃
 Material : Plastic
 Antenna Cover/ Antenna Base : PBT, PC, TPE



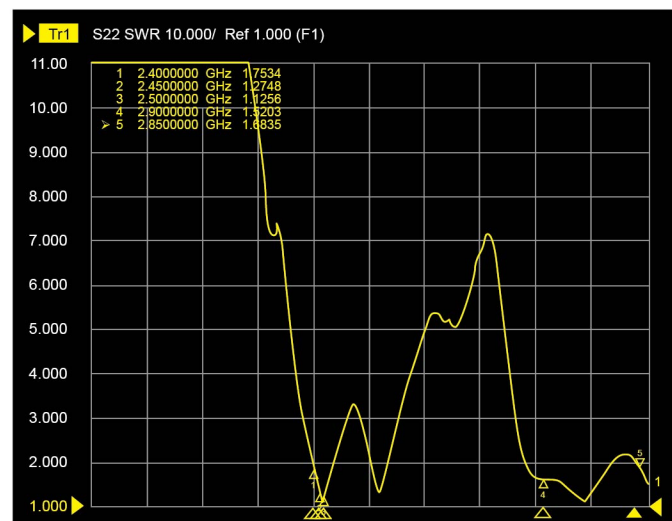
Chamber Test

Test Mode Free Space & Talking Position	Free Space										
Frequency	2400	2450	2500	5150	5250	5350	5450	5550	5650	5750	5850
OTA-1 Note	DB-2dBi										
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-2.418	-1.52802	-1.44335	-1.29011	-2.06028	-2.04059	-1.62282	-1.36698	-0.897742	-1.00583	-1.0325
Peak EIRP (dBm)	0.862426	2.05438	2.59992	3.29159	2.68622	2.55263	2.69594	3.07627	3.28782	3.05484	2.88491
Directivity (dBi)	3.28042	3.5824	4.04327	4.5817	4.7465	4.59322	4.31877	4.44324	4.18556	4.06066	3.91741
Efficiency (dB)	-2.418	-1.52802	-1.44335	-1.29011	-2.06028	-2.04059	-1.62282	-1.36698	-0.897742	-1.00583	-1.0325
Efficiency (%)	57.306	70.3393	71.724	74.3001	62.2261	62.5087	68.8205	72.9965	81.3253	79.3263	78.8406

Return Loss



VSWR



IOT External Antenna

ELECTRICAL PROPERTIES

Frequency Range : 868~928MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 3 dBi

Polarization : Linear polarization

PHYSICAL PROPERTIES

Connector : SMA Plug /SMA Plug reverse

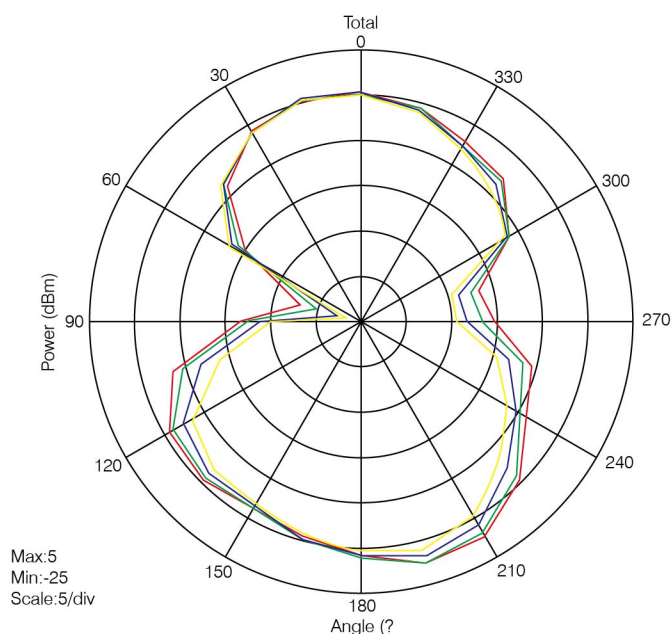
Dimensions : 207±1mm

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

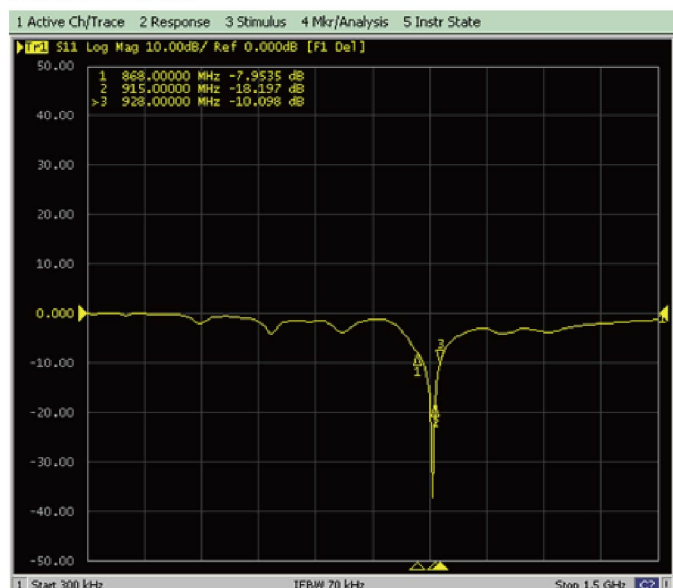
Material : Plastic

Antenna Cover/ Antenna Base : PBT, PC, TPE

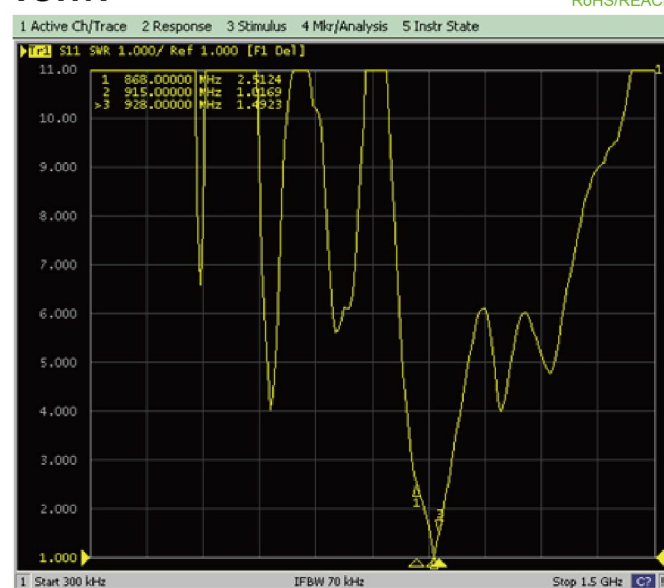


Center freq (MHz):868~928 YZ
Max gain (dBi):2.78 Min gain(dBi):1.13 Avg gain(dBi):2.05
Efficiency(%):74.78

Return Loss



VSWR



3G External Antenna

ELECTRICAL PROPERTIES

Frequency Range : 824~960/1710~2170MHz

Impedance : 50Ω

VSWR : ≤ 3.0

Return Loss : ≤ -7 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : SMA Plug /SMA Plug reverse

Dimensions : 49±1mm

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : Plastic

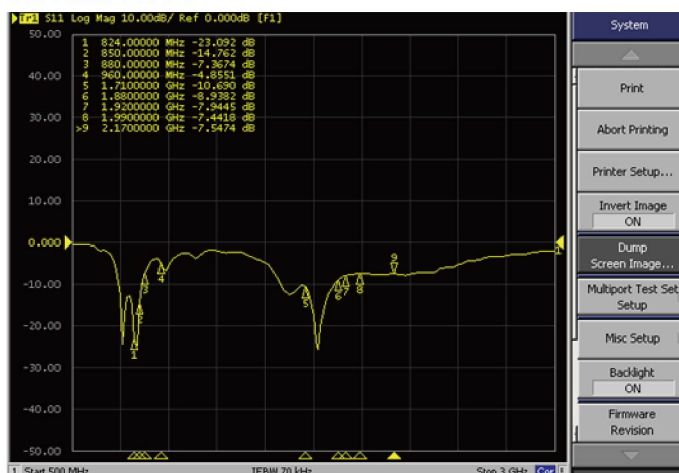
Antenna Cover/ Antenna Base : PBT, PC, TPE

Chamber Test

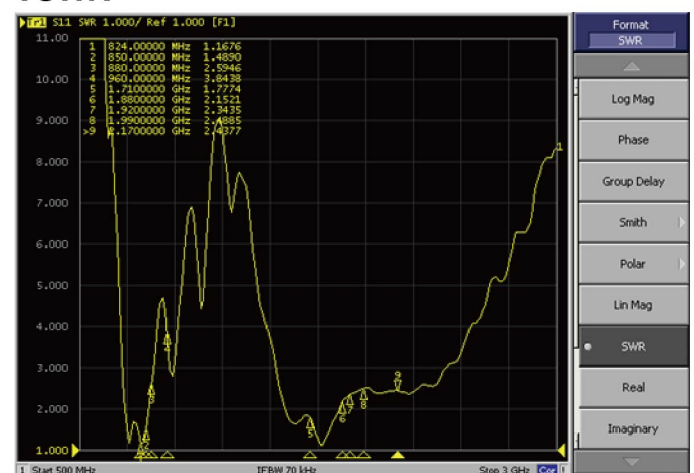


Test Mode Free Space & Talking Position	Free Space									
Frequency	824	850	880	960	1710	1880	1920	1990	2100	2170
OTA-1 Note	3G Ex Antenna									
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-4.6296	-5.0426	-4.1737	-5.2275	-5.4735	-5.0789	-4.8039	-5.7415	-5.1999	-5.048
Peak EIRP (dBm)	1.75401	1.96436	0.42483	0.42854	0.91328	0.34398	0.79266	0.56265	0.56472	1.3478
Directivity (dBi)	4.38365	4.00699	3.59855	4.79892	4.56018	4.73489	5.59654	6.30415	5.76459	6.39581
Efficiency (dB)	-4.6296	-5.0426	-4.1737	-5.2275	-5.4735	-5.0789	-4.8039	-5.7415	-5.1999	-5.048
Efficiency (%)	38.7126	35.4794	38.1535	33.8371	38.3566	35.0537	37.0835	36.6593	32.2005	31.2751

Return Loss



VSWR



LTE External Antenna

ELECTRICAL PROPERTIES

Frequency Range : 617~960/1710~2690MHz

Impedance : 50Ω

VSWR : ≤ 3.0

Return Loss : ≤ -7 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization



PHYSICAL PROPERTIES

Connector : SMA Plug / Customization available

Dimensions : 112±5mm Ø29.5

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : Plastic, Metal

Antenna Cover/ Antenna Base : PBT,PC

Cable Type : RG174/RG316/RG178/
Customization

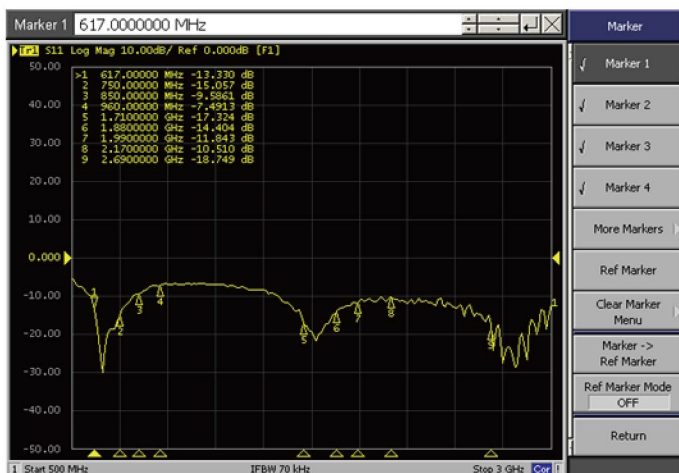
Cable Length : Customization

Chamber Test

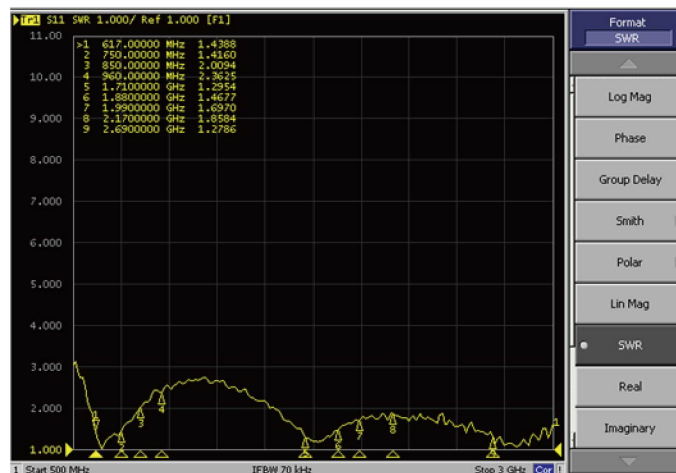


Test Mode												
Free Space & Talking Position												
Communication System												
Channel	617	750	824	880	960	1710	1880	1920	1990	2170	2450	2690
Note	LTE +											
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-3.73576	-3.39242	-2.77699	-3.24133	-3.48477	-3.69672	-2.45235	-2.47862	-2.70389	-3.39	-2.9412	-3.25881
Peak EIRP (dBm)	0.313652	0.607265	1.13491	0.60068	0.396479	0.385545	2.69092	2.54457	2.24358	3.50623	1.99446	1.96748
Directivity (dBi)	4.04941	3.99968	3.9119	3.84201	3.88125	4.08227	5.14327	5.02318	4.94747	6.89623	4.93567	5.22629
Efficiency (dB)	-3.73576	-3.39242	-2.77699	-3.24133	-3.48477	-3.69672	-2.45253	-2.47862	-2.70389	-3.39	-2.9412	-3.25881
Efficiency (%)	42.3081	45.7887	52.7595	47.4097	44.8253	42.6902	56.8545	56.5117	53.6551	45.8142	50.8019	47.2192

Return Loss



VSWR



GSM 900 Antenna

ELECTRICAL PROPERTIES

Frequency Range : 900MHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : ≤ -10 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 15 dBi
 Polarization : Linear polarization

PHYSICAL PROPERTIES

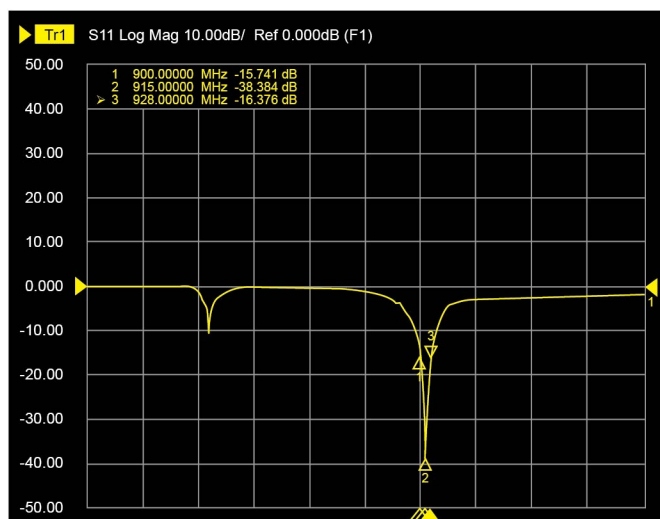
Connector : SMA Plug / SMA Plug reverse
 Dimensions : 204±1mm
 Operating Temperature : -40°C ~ +80°C
 Storage Temperature : -45°C ~ +85°C
 Material : Plastic
 Antenna Cover/ Antenna Base : PBT, PC, TPE



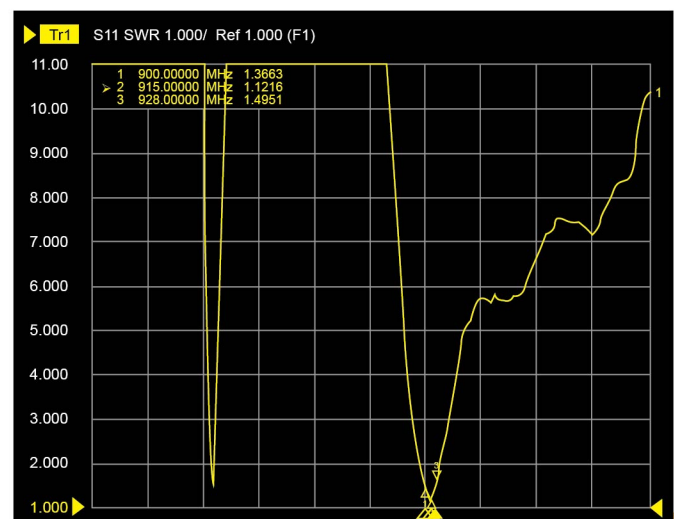
Chamber Test

Test Mode Free Space & Talking Position	Free Space
Frequency	900
OTA-1 Note	900MHz Antenna
Ant. Port Input Pwr. (dBm)	0
Tot. Rad. Pwr. (dBm)	-1.11374
Peak EIRP (dBm)	1.73265
Directivity (dBi)	2.24639
Efficiency (dB)	-1.11374
Efficiency (%)	77.3796

Return Loss



VSWR



DVB-T Antenna

ELECTRICAL PROPERTIES

Frequency Range : 470~870MHz

Impedance : 50Ω/ 75Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization

PHYSICAL PROPERTIES

Connector : SMA Plug / F Type / Customization available

Dimensions : 146±5mm

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : Plastic, Metal

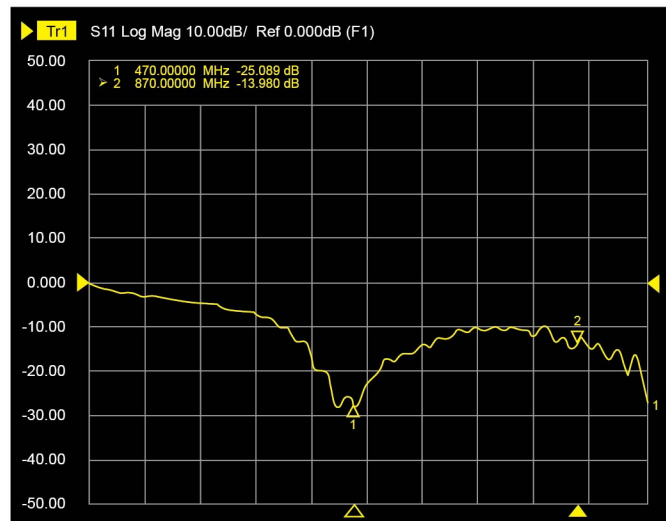
Antenna Cover/ Antenna Base : PBT, PC

Cable Type : RG174/5C2V/3C2V/RG178/Customization

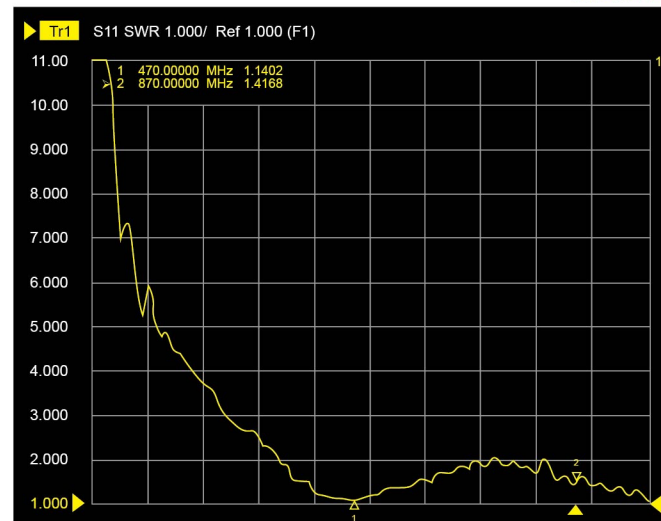
Cable Length : Customization



Return Loss



VSWR



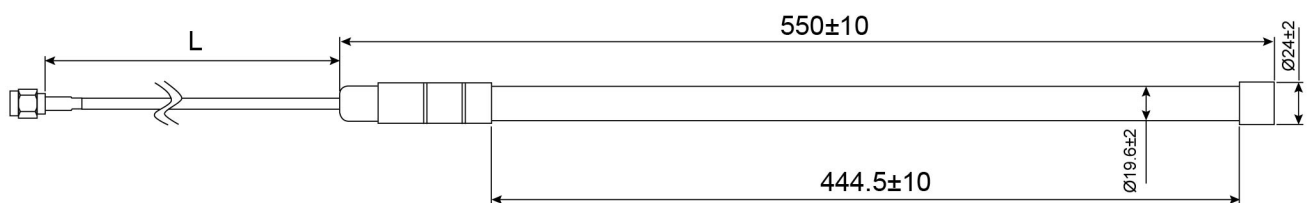
Fiberglass UHF 858~878MHz Antenna

ELECTRICAL PROPERTIES

Frequency range : 858-878MHz
 Bandwidth : 20MHz
 Gain : 6dBi
 Half-power beam width (°) : H:360 V:18
 VSWR : ≤ 1.5
 Input Impedance : 50Ω
 Polarization : Vertical
 Maximum input power : 10W
 Lightning protection : DC Ground

PHYSICAL PROPERTIES

Input connector type : N, N-K or Requested SMA
 Dimensions : $\Phi 19.6 \times 550$ mm
 Antenna weight : 0.2kg
 Operating temperature : $-40 \sim 60^{\circ}\text{C}$
 Rated Wind Velocity : 60m/s
 Radome color : Gray or white



GPS Embedded Antenna

ELECTRICAL PROPERTIES

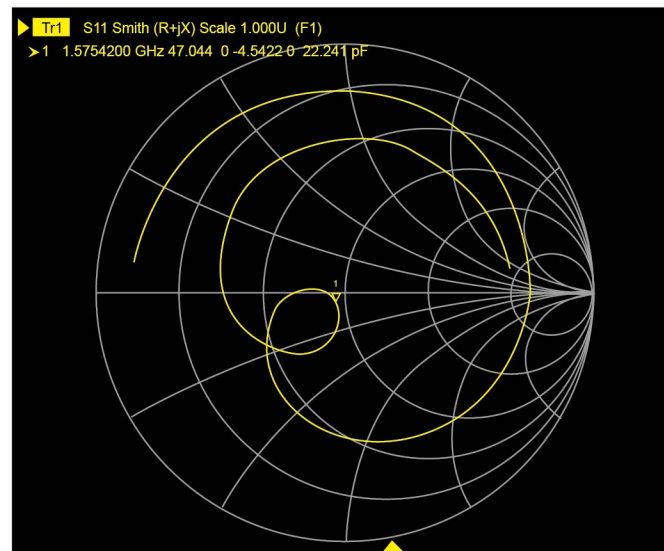
Frequency Range : $1575.42 \pm 1.023\text{MHz}$
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : $\leq -10\text{ dB}$
 Antenna Gain(Peak High) : 1.5 dBi
 LNA Gain(Peak High) : $17\text{dB min } 19\text{dB Typ.}$
 Polarization : RHCP
 Horizontal Angle of Coverage : 90°
 Noise Figure : $1.4\text{ dB Typ. } 1.5\text{dB Max.}$
 Voltage : Min: 2.7V Typ: 3.0V Max: 3.3V
 Polarization : RHCP

PHYSICAL PROPERTIES

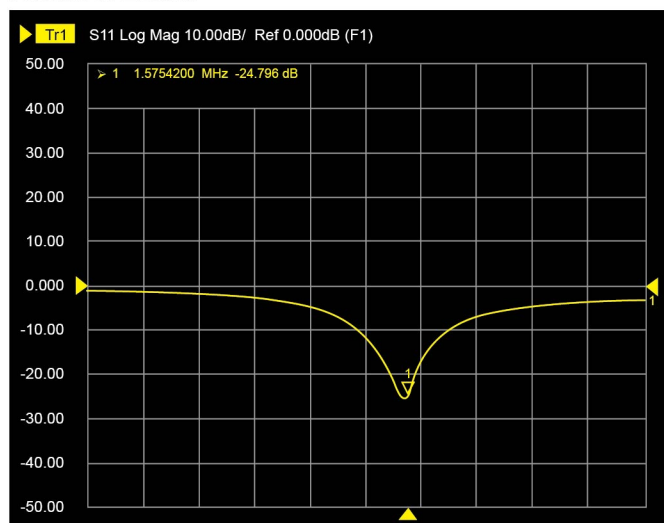
Cable Type : OD1.13 Black/White/Gray or Customization
 Connector :
 SMA/MCX/MMCX/U.HF/I-PEX/Customization available
 Waterproof Level : none
 Antenna Dimensions : Ceramic cover : $12*12*4\text{mm}$
 Total Dimensions : $12*12*6\text{mm}$



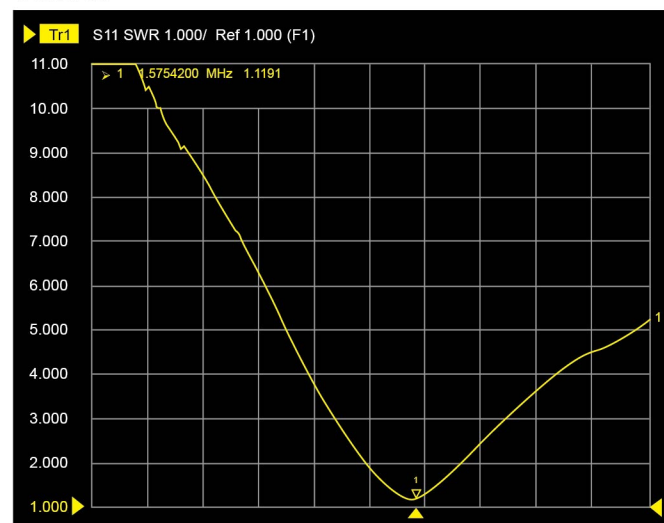
Smith Chart



Return Loss



VSWR



GPS Outdoor Antenna

ELECTRICAL PROPERTIES

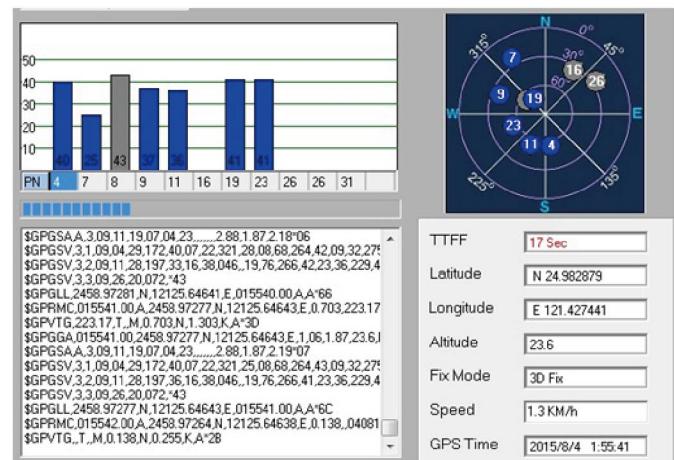
Frequency Range : 1575.42 $\pm$ 3MHz
 Impedance : 50 Ω
 VSWR : $\leq$ 2.0
 Return Loss : $\leq$ -10 dB
 Antenna Gain(Peak High) : 3 dBi
 LNA Gain(Peak High) : 28dB Typ.
 Polarization : RHCP
 Horizontal Angle of Coverage : 90°
 Noise Figure : 1.5 dB Typ.
 Voltage : 3V to 5V

PHYSICAL PROPERTIES

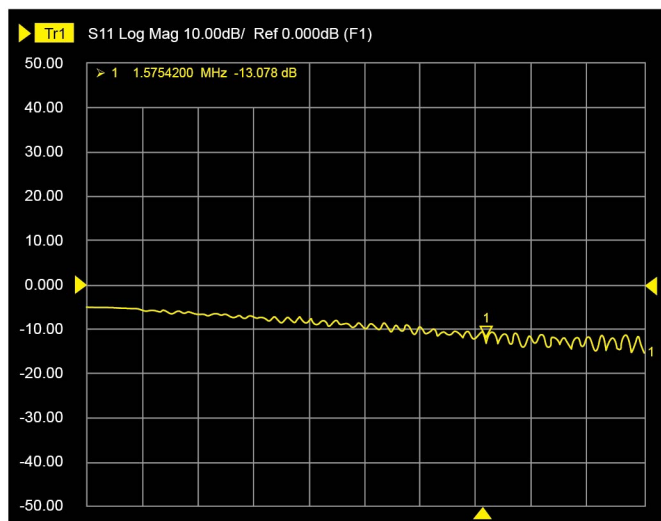
Cable Type : RG174/Customization available
 Connector : SMA/MCX/MMCX/Customization
 Waterproof Level : IPX4
 Dimensions : 45.7*38.4*13mm



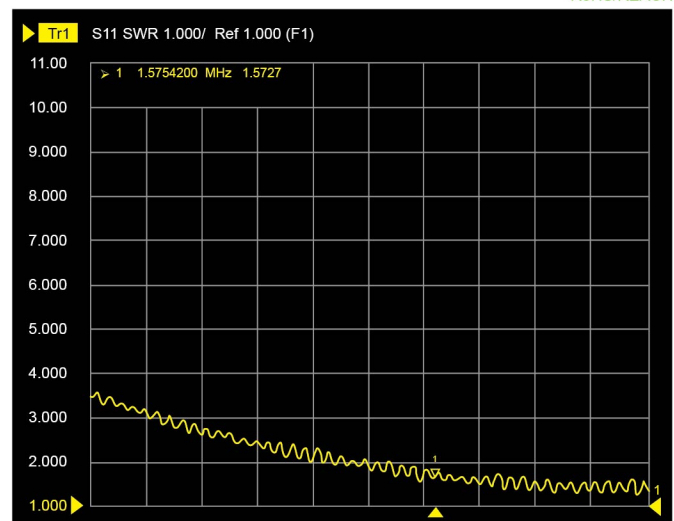
Constellation



Return Loss



VSWR



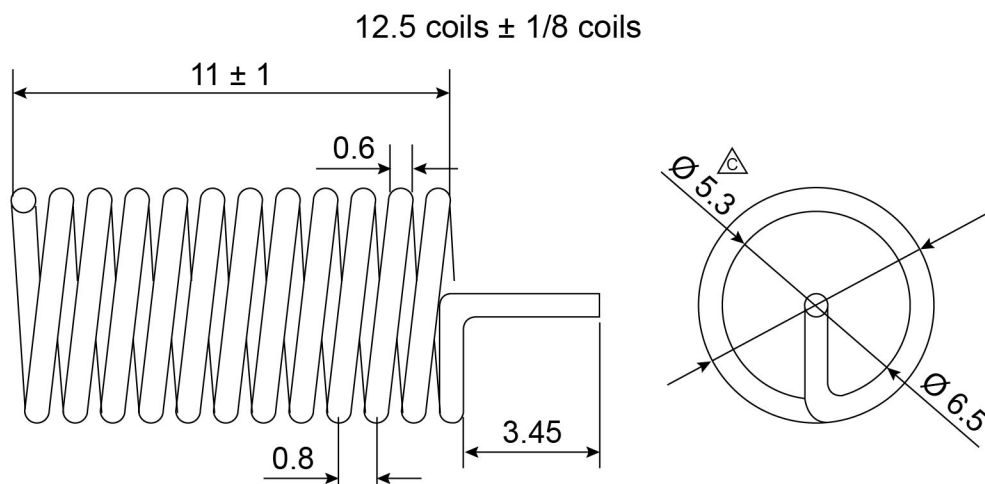
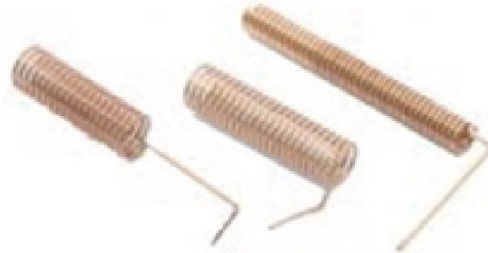
433MHz Helix Antenna

ELECTRICAL PROPERTIES

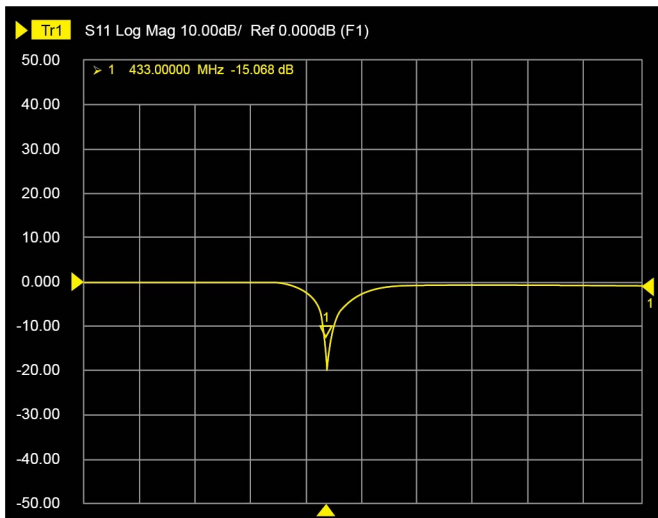
Frequency Range : 433 MHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : ≤ -10 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 2 dBi
 Polarization : Linear polarization

PHYSICAL PROPERTIES

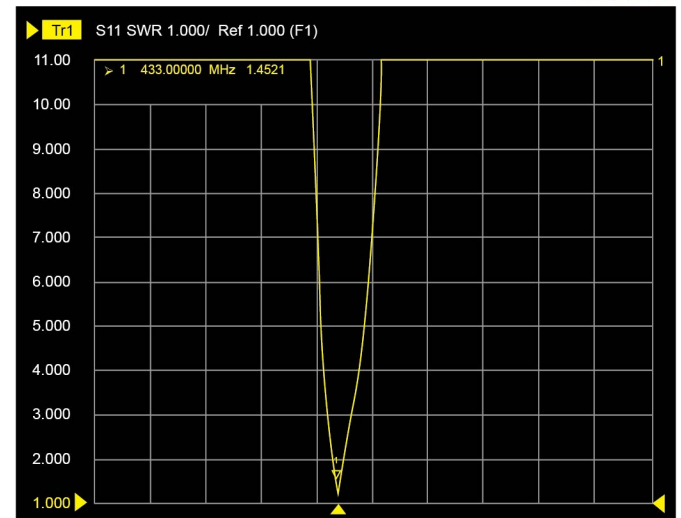
Dimension : Customization
 Operating Temperature : $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
 Storage Temperature : $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Material : Phosphor bronze



Return Loss



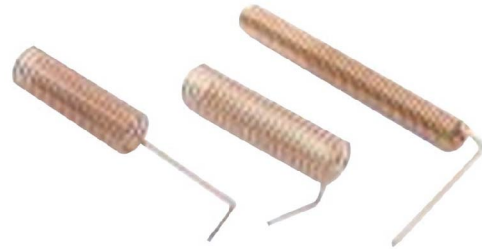
VSWR



915MHz Helix Antenna

ELECTRICAL PROPERTIES

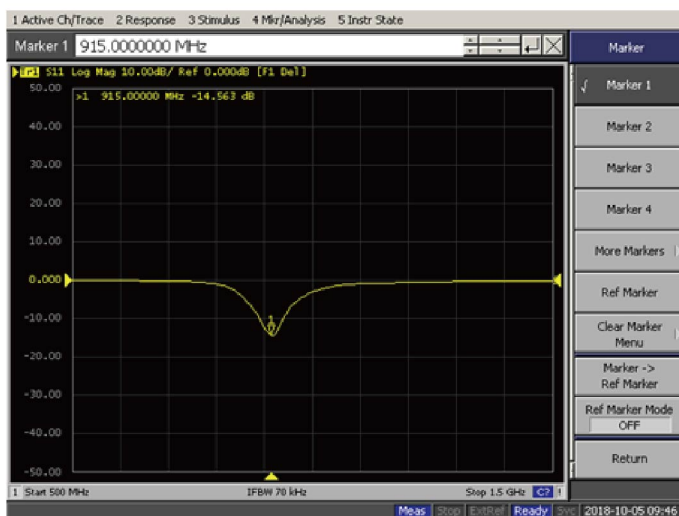
Frequency Range : 915 MHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Return Loss : ≤ -10 dB
 Radiation : Omni-directional
 Gain (Peak Gain) : 2 dBi
 Polarization : Linear polarization



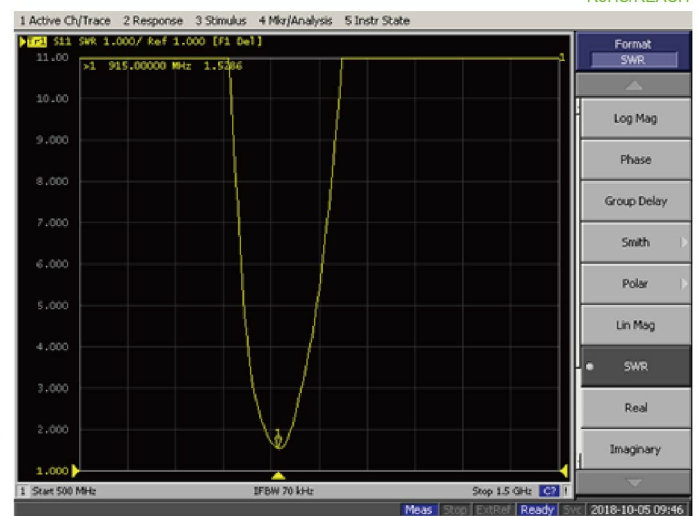
PHYSICAL PROPERTIES

Dimensions : $\Phi 4.5\text{mm} \times \Phi 0.5(\text{Line})$ or Customization available
 Operating Temperature : $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
 Storage Temperature : $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Material : Phosphor bronze

Return Loss



VSWR



RG178 Cable Assemble

ELECTRICAL PROPERTIES

Frequency Range : DC~6GHz

Impedance : 50Ω

VSWR : ≤ 2.0

Loss : Drawing Display

PHYSICAL PROPERTIES

Connector : SMA/MCX/MMCX/F type/IEC/FME/SMB or Customization

Operating Temperature : -40°C ~ +80°C

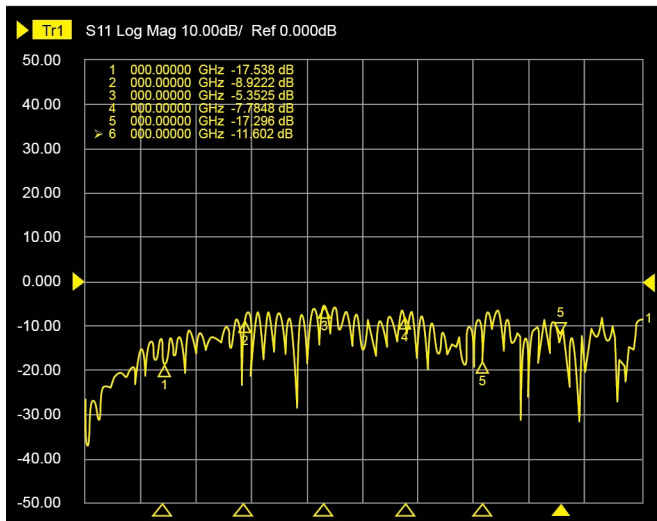
Storage Temperature : -45°C ~ +85°C

Cable Type : RG178

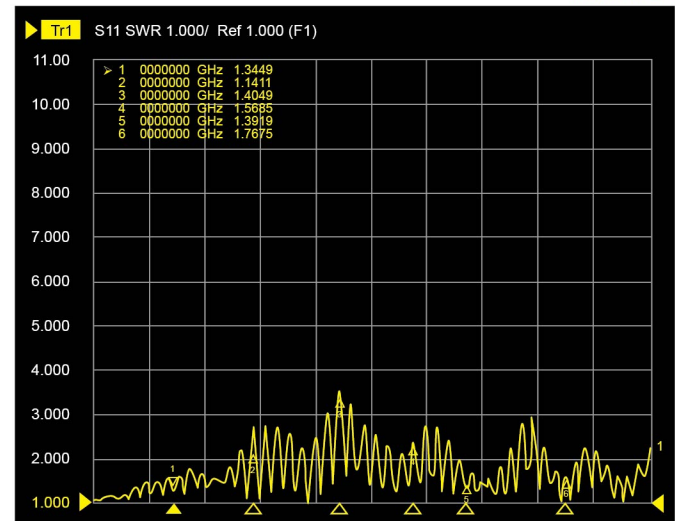
Cable Length : Customization



Return Loss



VSWR



RG174 Cable Assemble

ELECTRICAL PROPERTIES

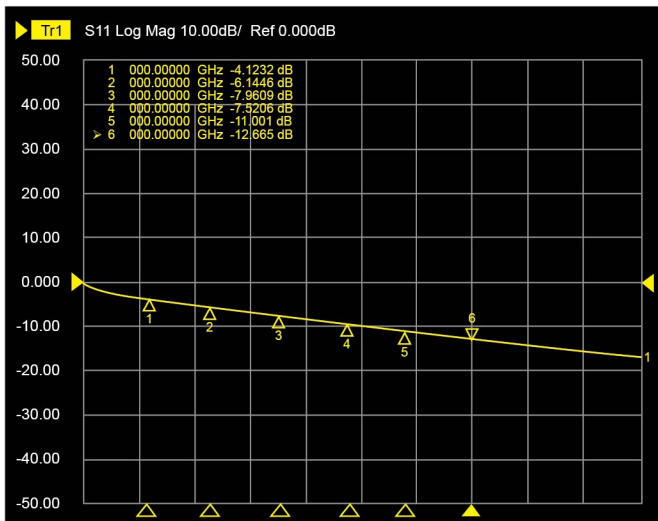
Frequency Range : DC~6GHz
 Impedance : 50Ω
 VSWR : ≤ 2.0
 Loss : Drawing Display

PHYSICAL PROPERTIES

Connector : SMA/MCX/MMCX/F type/IEC/FME or Customization
 Operating Temperature : 40°C ~ +80°C
 Storage Temperature : -45°C ~ +85°C
 Cable Type : RG174
 Cable Color : Black
 Cable Length : Customization



Return Loss



VSWR

