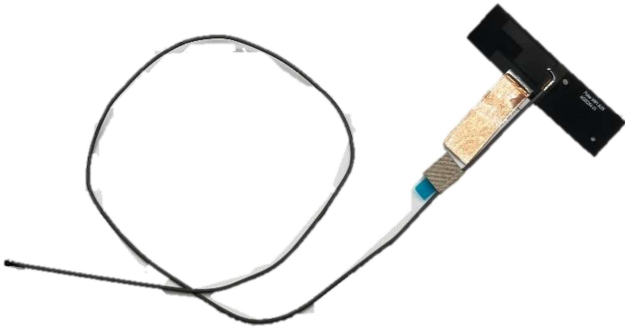


WIFI Antenna

Model: **SZ3279B – 2400-2500 / 5150-7125MHz**



ELECTRICAL SPECIFICATIONS @ 25°C			
General Specifications			
Antenna type	Nominal Impedance	Polarization	Radiation pattern
monopole	50Ω	Linear	Omni
Frequency	2400-2500 MHz	5150-7125 MHz	
S11	<-8 dB	<-8 dB	
Gain	<3dBi	<5dBi	
Efficiency	>40%	>30%	

MECHANICAL SPECIFICATIONS				
SZ3279B				
Dimension (Radiator) (Length x Width x Height)	Color	Cable OD	Connector Type	Cable length
54.00* 14.60*T0.13 mm	Gray	1.13mm	IPEX MHF 4	433mm

ENVIRONMENTAL SPECIFICATIONS			
SZ3279B			
Storage Temperature	Operating Temperature	Ingress Protection	RoHS Compliant
-40/+85° C	-40/+85° C	N/A	Yes

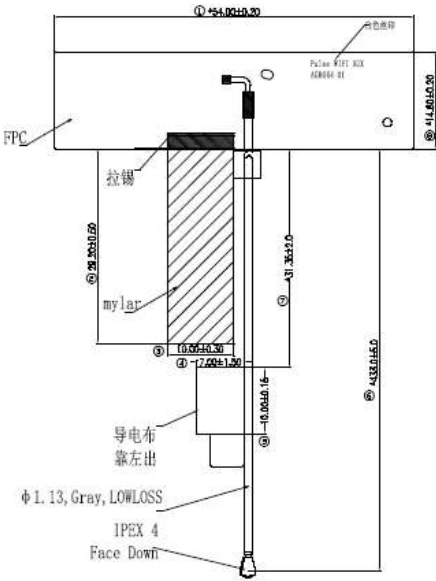
Notes:
 1. Storage Temperature: -40°C to 80°C

WIFI Antenna

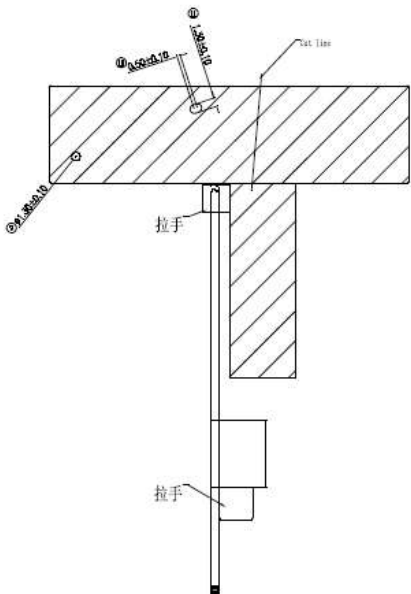
SZ3279B – 2400-2500 / 5150-7125MHz

Mechanical Drawing

SZ3279B



Connector方向:
100mm±90°
200mm±135°
200mm以上不管控



Units: mm

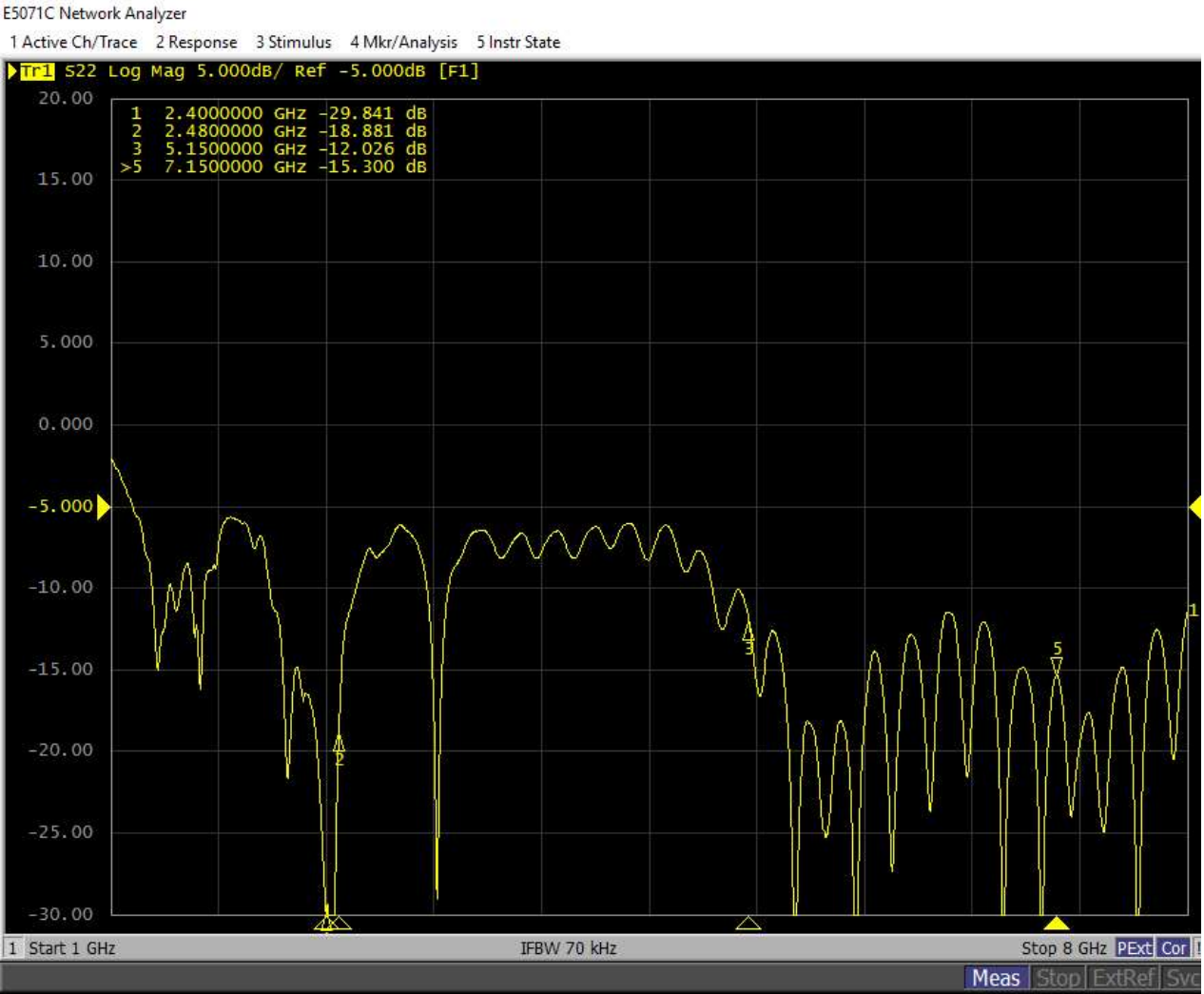
5	导电布	7.0 * 10.0 *T0.1 mm	
4	铜箔	29.2 * 10.0 *T0.08 mm	1
3	FPC	54* 14.6*T0.13 mm	1
2	CABLE	Ø1.13mm LL 灰色, L=433.0mm	1
1	CONNECTOR	IPEX 4代	1
ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY

WIFI Antenna

SZ3279B – 2400-2500 / 5150-7125MHz

Performance

SZ3279B



S11

Performance

SZ3279B

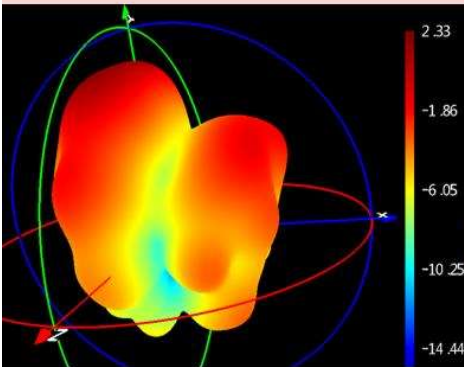
频率 (MHz)	增益 (dBi)	效率 (dB)	效率 (%)		频率 (MHz)	增益 (dBi)	效率 (dB)	效率 (%)
2400	1.76	-3.57	43.93		5850	3.14	-3.96	40.17
2420	1.97	-3.63	43.38		5900	2.75	-4.08	39.06
2440	2.33	-3.48	44.88		5950	3.02	-3.92	40.54
2460	2.57	-3.41	45.61		6000	3.73	-3.91	40.63
2480	2.75	-3.25	47.33		6050	3.82	-3.74	42.23
2500	2.79	-3.09	49.13		6100	4.16	-3.66	43.05
					6150	4.21	-3.49	44.78
5150	4.16	-3.91	40.68		6200	3.06	-4.12	38.72
5180	4.05	-3.78	41.86		6250	4.15	-3.41	45.59
5210	3.81	-3.8	41.67		6300	3.79	-3.69	42.77
5240	3.48	-3.76	42.03		6350	3.85	-3.88	40.89
5270	3.22	-3.75	42.21		6400	3.92	-3.86	41.09
5300	3.47	-3.74	42.3		6450	3.73	-3.59	43.79
5330	3.68	-3.83	41.36		6500	2.69	-3.9	40.69
5360	3.72	-3.96	40.16		6550	1.89	-4.02	39.64
5390	3.64	-4.01	39.68		6600	1.76	-3.87	41.03
5420	3.25	-4.21	37.95		6650	1.66	-3.95	40.29
5450	3.49	-4.09	39.02		6700	1.93	-3.64	43.29
5480	2.96	-4.04	39.42		6750	1.53	-4.09	38.97
5510	2.83	-4.03	39.51		6800	1.57	-4.27	37.42
5540	3.06	-4.09	39.01		6850	1.53	-4.17	38.26
5570	3.25	-4.27	37.45		6900	1.38	-4.22	37.86
5600	3.21	-4.14	38.54		6950	1.74	-4.31	37.07
5630	2.62	-4.26	37.52		7000	2.1	-4.5	35.48
5660	2.84	-4	39.77		7050	2.23	-4.29	37.24
5690	3.43	-3.79	41.82		7100	1.69	-4.32	36.98
5720	3.65	-3.77	41.93		7150	1.49	-4.45	35.89
5750	4.21	-3.79	41.79					
5780	3.54	-3.67	42.94					
5810	3.3	-3.85	41.22					

Performance

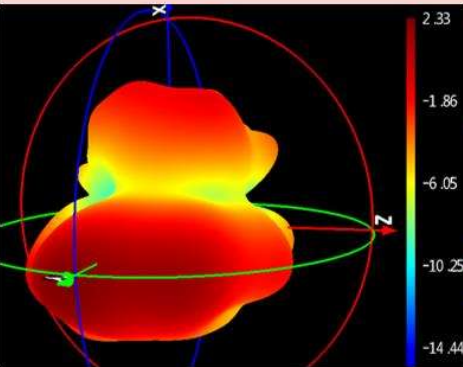
SZ3279B

2440MHz

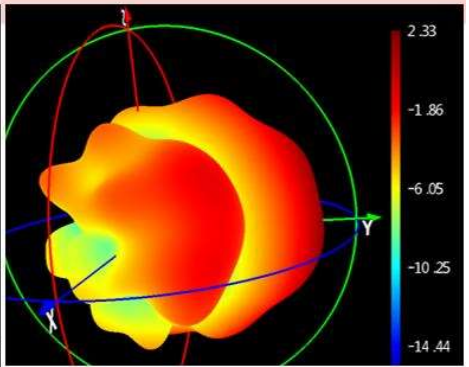
XY - Plane



XZ - Plane

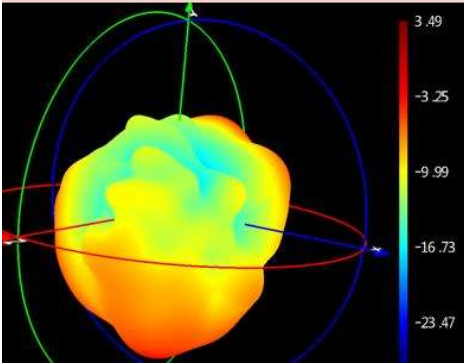


YZ - Plane

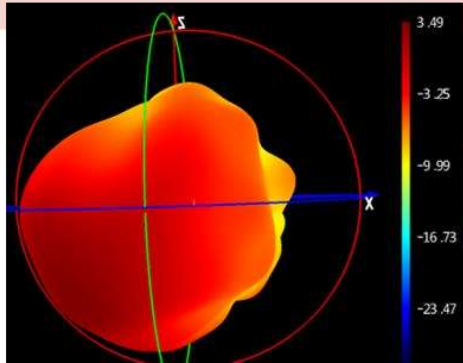


5450MHz

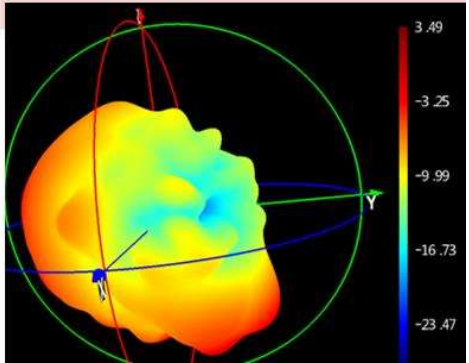
XY - Plane



XZ - Plane

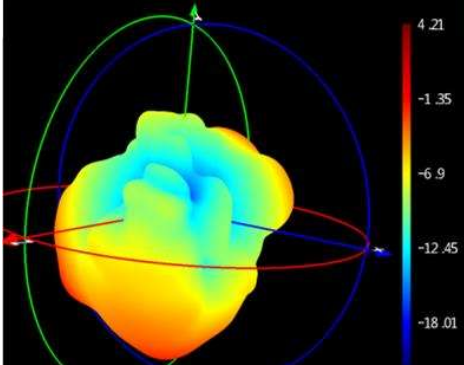


YZ - Plane

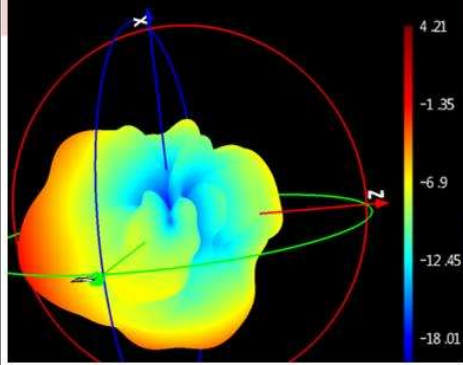


5750MHz

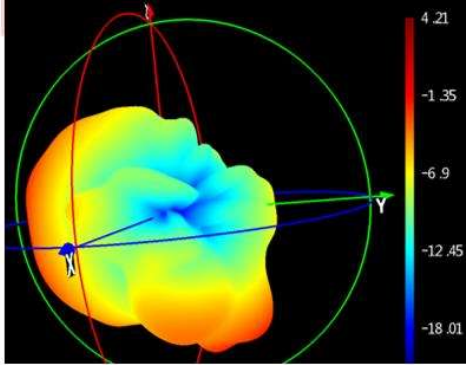
XY - Plane



XZ - Plane



YZ - Plane

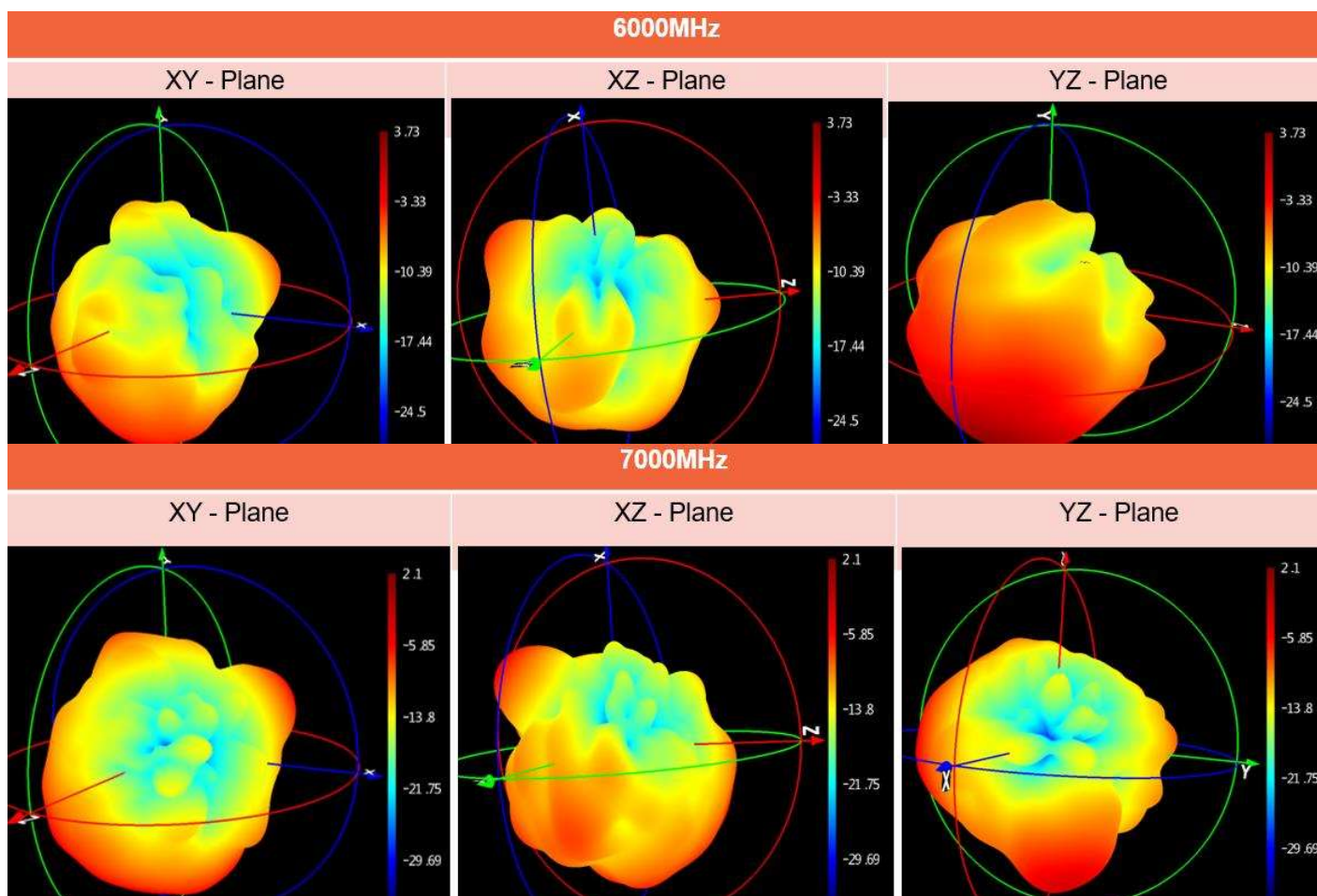


WIFI Antenna

SZ3279B – 2400-2500 / 5150-7125MHz

Performance

SZ3279B



-END-

For More Information:

Americas - antennas.us@pulseelectronics.com | Europe - antennas.eu@pulseelectronics.com | Asia - antennas.as@pulseelectronics.com | Questions? +1-800-ANTENNA
Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright , 2020. Pulse Electronics, Inc. All rights reserved.
Company address: Pulse Electronics, a YAGEO Company, 15255 Innovation Drive, Suite #100, San Diego, CA 92128

'YAGEO Corporation and its affiliates do not recommend the use of commercial, automotive, and/or COTS grade products for high reliability applications or manned space flight.'