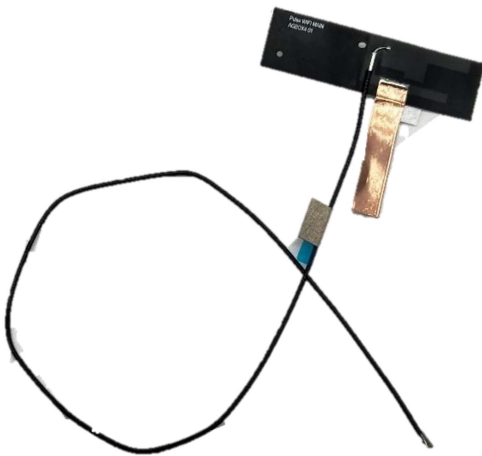


WIFI Antenna

Model: **SZ3278B – 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				
SZ3278B				
Dimension (Radiator) (Length x Width x Height)	Color	Cable OD	Connector Type	Cable length
54.00* 14.60*T0.13 mm	Black	1.13mm	IPEX MHF 4	308mm

ENVIRONMENTAL SPECIFICATIONS			
SZ3278B			
Storage Temperature	Operating Temperature	Ingress Protection	RoHS Compliant
-40/+85° C	-40/+85° C	N/A	Yes

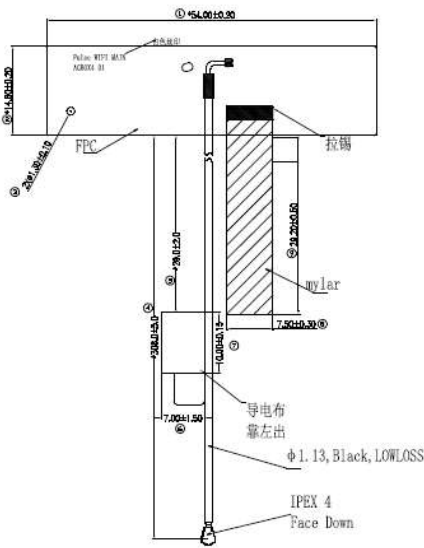
Notes:
 1. Storage Temperature: -40°C to 80°C

WIFI Antenna

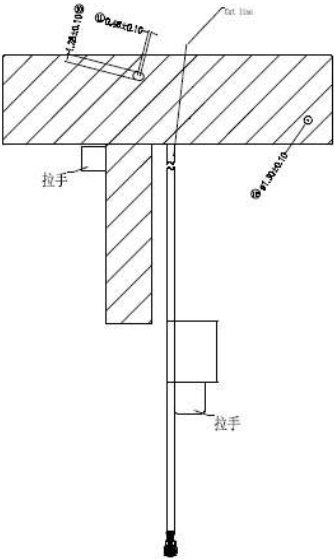
SZ3278B – 2400-2500 / 5150-7125MHz

Mechanical Drawing

SZ3278B



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



Units: mm

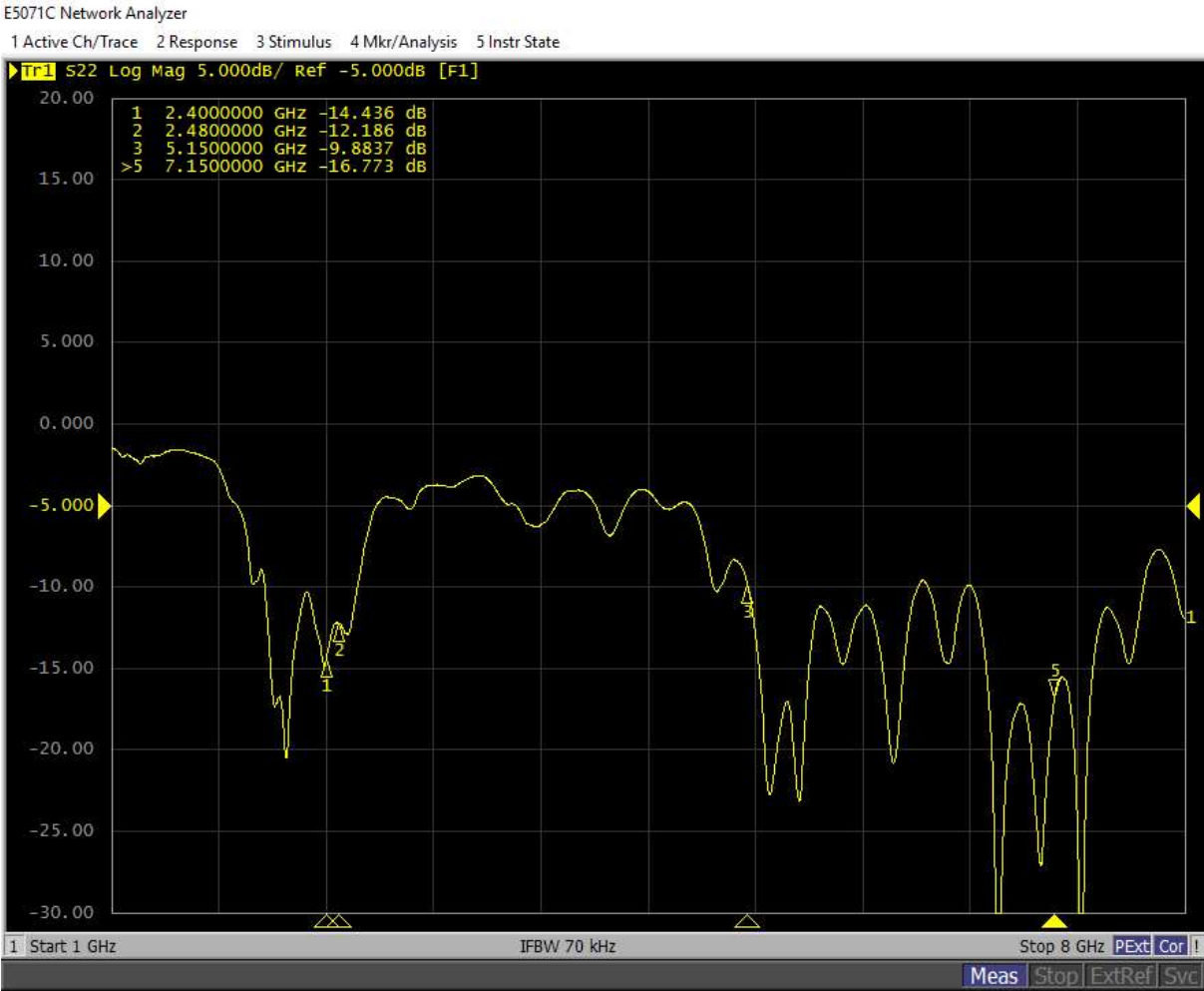
5	导电布	7.0 * 10.0 *T0.1 mm	
4	铜箔	29.2 * 7.0 *T0.08 mm	1
3	FPC	54* 14.6*T0.13 mm	1
2	CABLE	Ø1.13mm LL 黑色, L=308.0mm	1
1	CONNECTOR	IPEX 4代	1
ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY

WIFI Antenna

SZ3278B – 2400-2500 / 5150-7125MHz

Performance

SZ3278B



S11

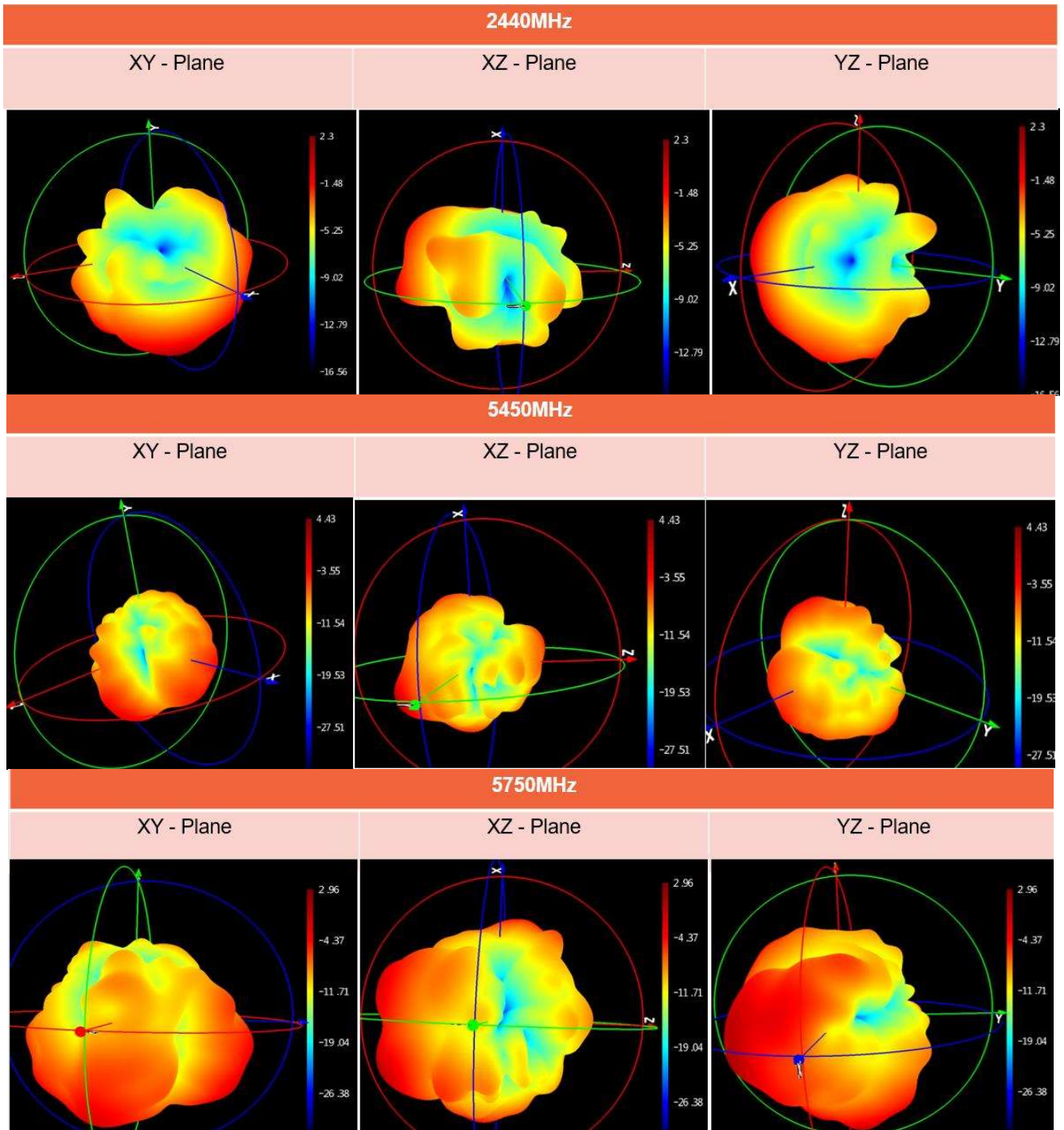
Performance

SZ3278B

频率 (MHz)	增益 (dBi)	效率 (dB)	效率 (%)		频率 (MHz)	增益 (dBi)	效率 (dB)	效率 (%)
2400	2.39	-3.1	49		5850	2.82	-3.89	40.79
2420	2.46	-3.08	49.21		5900	2.75	-3.99	39.94
2440	2.3	-3.03	49.72		5950	3.98	-3.79	41.81
2460	2.81	-3.08	49.21		6000	4.87	-3.88	40.97
2480	2.86	-2.96	50.55		6050	3.49	-3.78	41.91
2500	2.75	-2.78	52.67		6100	3.92	-3.64	43.21
					6150	4.6	-3.53	44.4
5150	2.24	-4.37	36.58		6200	4.5	-4.12	38.77
5180	2.42	-4.32	37.02		6250	4.43	-4.08	39.05
5210	2.76	-3.89	40.8		6300	3.69	-4.35	36.75
5240	3.01	-3.69	42.74		6350	3.17	-4.55	35.04
5270	3.42	-3.61	43.59		6400	3.26	-4.34	36.8
5300	3.54	-3.59	43.73		6450	3.6	-3.81	41.58
5330	3.62	-3.54	44.3		6500	3.05	-4.08	39.05
5360	3.75	-3.56	44.03		6550	2.51	-4.03	39.52
5390	3.93	-3.58	43.84		6600	2.96	-3.85	41.19
5420	4.04	-3.71	42.54		6650	3	-3.91	40.66
5450	4.43	-3.75	42.21		6700	3.69	-3.52	44.47
5480	4.22	-3.82	41.45		6750	3.03	-3.81	41.55
5510	3.93	-3.95	40.24		6800	2.5	-4.01	39.75
5540	3.77	-3.98	40.03		6850	2.53	-4.05	39.39
5570	3.51	-4.13	38.68		6900	2.35	-4	39.77
5600	3.65	-3.93	40.5		6950	2.29	-4.06	39.29
5630	3.02	-4.12	38.7		7000	3.17	-4.33	36.90
5660	3.55	-3.8	41.73		7050	3.44	-4.22	37.84
5690	3.48	-3.67	42.91		7100	3.01	-4.29	37.24
5720	3.05	-3.82	41.48		7150	2.48	-4.5	35.48
5750	2.96	-4.01	39.75					
5780	2.28	-3.94	40.34					
5810	2.31	-4.07	39.2					

Performance

SZ3278B

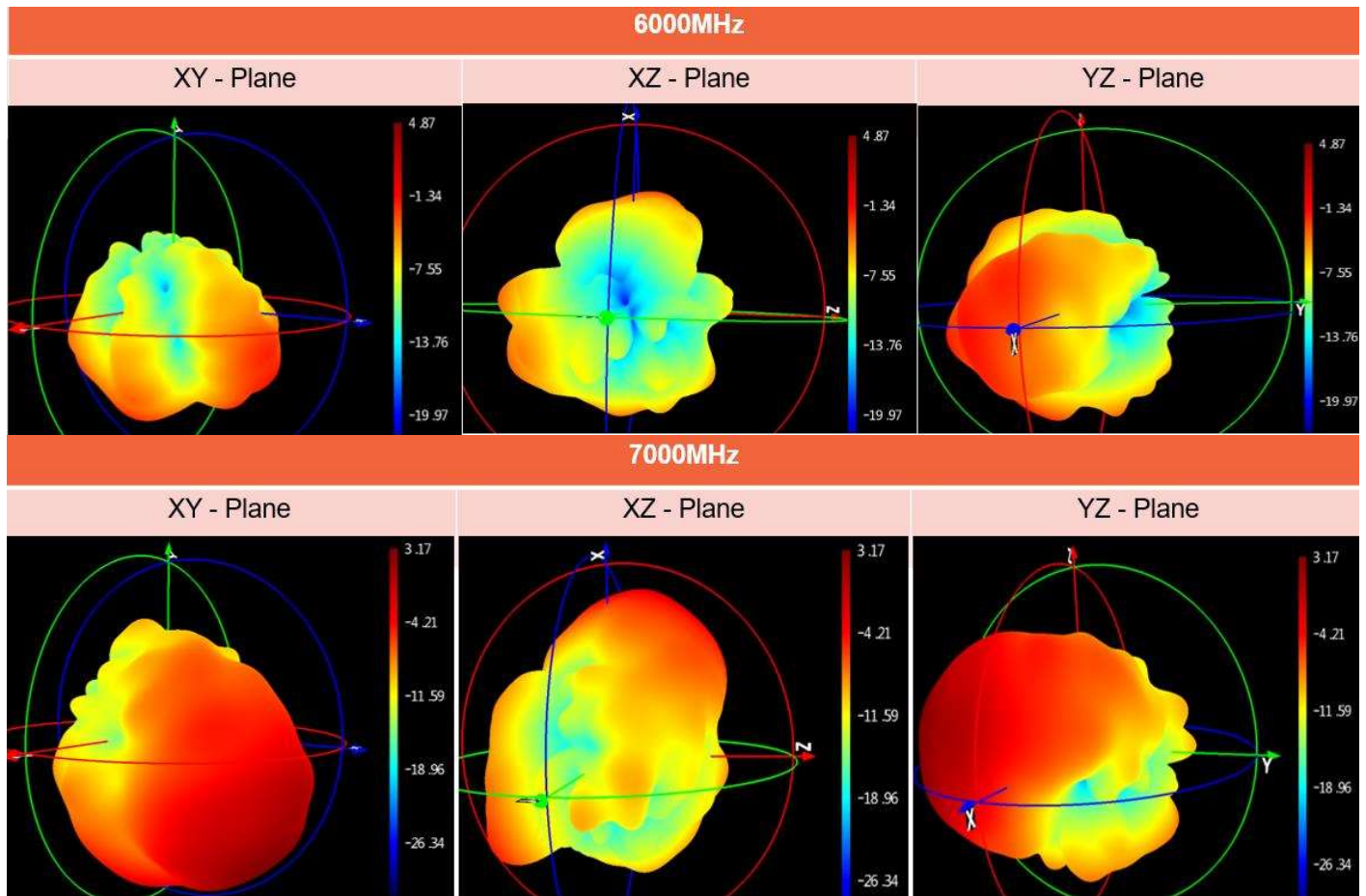


WIFI Antenna

SZ3278B – 2400-2500 / 5150-7125MHz

Performance

SZ3278B



-END-

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