



天线承认书

Parts Approval Sheet

Customer		Project	ST-R528-NA
Band	WIFI	Color	BLACK
PN	X2601	Version	V0
model number	X1689-90L-WIFI-V2		

DATE: 2024/10/23

R&D			QC
Issued by	Checked by	Confirmed by	Checked by
Customer Confirm			

Environmental requirements: ☒ ROHS

☐ REACH

1.Summary

This report summarizes the electrical results of the our antenna to support the project ST-R528-NA. The test fixture is made for further testing, which is show below:



2.General Description

2.1Antenna Components/Part revisions

The antenna part number is T: A

2.2Definitions

VSWR: Voltage Standing Wave Rate

TRP: total radiated power

TIS: total isotropic sensitivity

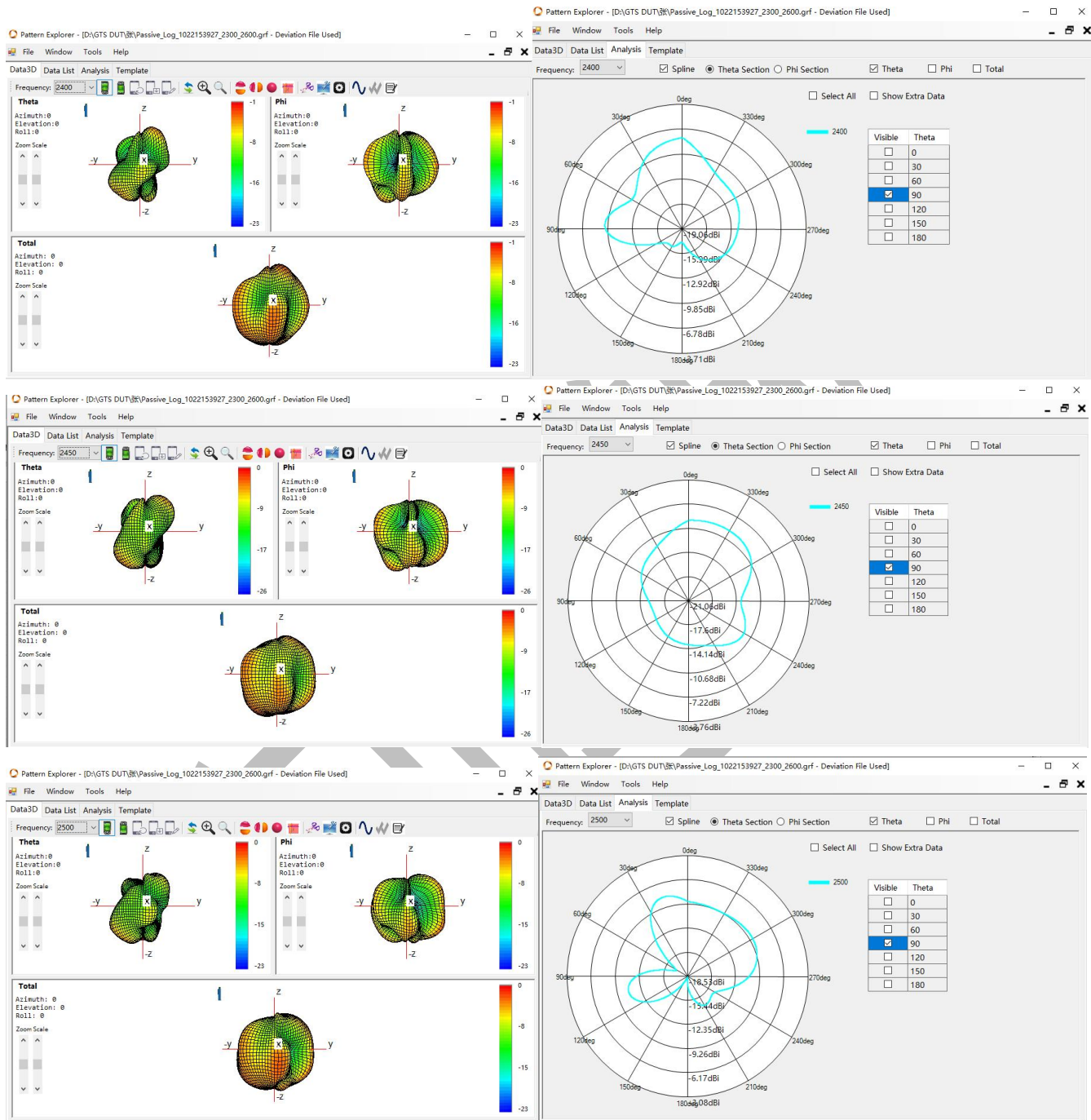
Antenna Type: FPC Antenna

3.Electrical Performance

3.1 Gain&Efficiency

2300	-2.25	23.28
2310	-3	22.6
2320	-1.97	23.16
2330	-1.09	24.36
2340	-1.93	24.46
2350	-2.04	24.95
2360	-1.3	26.6
2370	-1.32	27.19
2380	-2.15	26.36
2390	-1.59	28.36
2400	-1.13	27.71
2410	-1.44	28.24
2420	-1.33	27.77
2430	-0.76	28.8
2440	-0.87	29.24
2450	-0.92	29.52
2460	-0.61	31.91
2470	-0.86	32.69
2480	-0.53	33.36
2490	-0.24	32.77
2500	-0.28	33.57
2510	0.13	34.98
2520	-0.78	33.74
2530	0.14	36.36
2540	-0.53	35.16
2550	-0.5	35.98
2560	-0.55	35.3
2570	-0.1	35.1
2580	-0.71	36.59
2590	-0.38	36.85
2600	-0.55	35.82

3.2 3D Radiation Pattern



4. Antenna Engineer drawing

