

MODEL: TH-247A

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RoHS

Compatible

★★★★☆

SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			

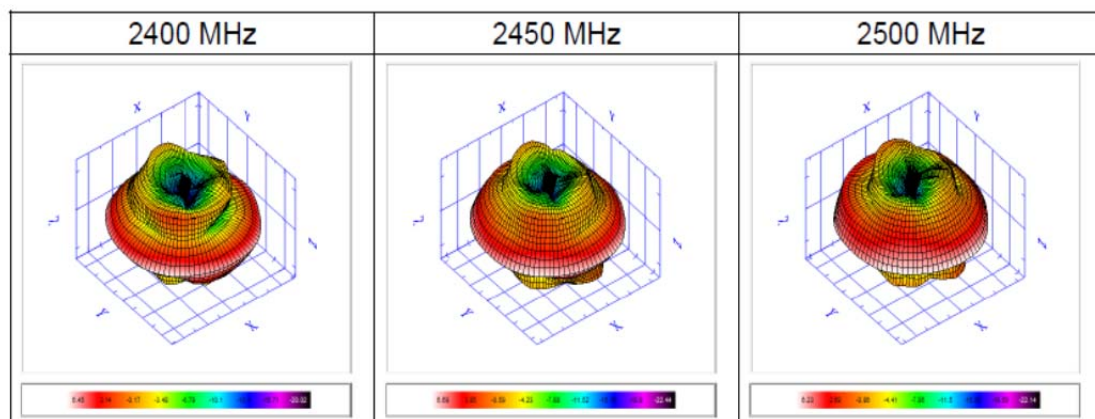
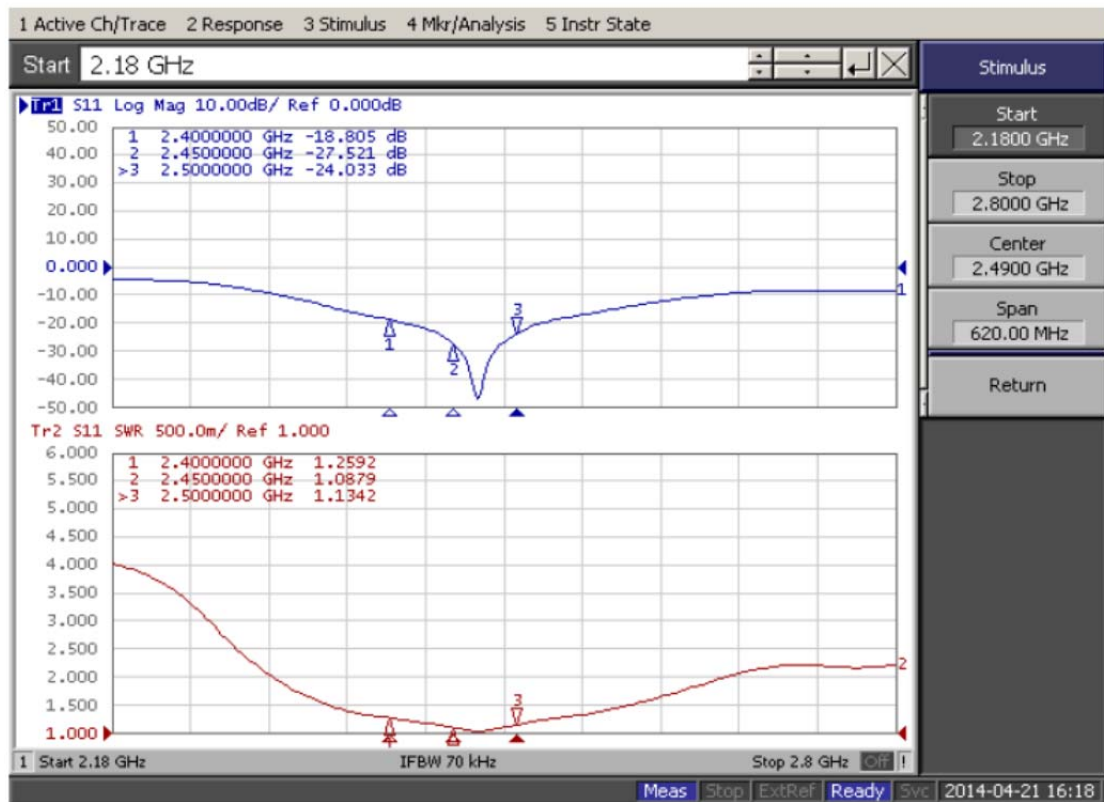
No.	Part Number	Description	Material	Finish	Q'ty
5	CAP-AN60-01B	Aerial cap	PP	Black	1
4	BODY-AN60-02B	Body	ABS	Black	1
3	AN03-515CZ	Pin	Cu	Black Zn Plated	2
2	AN0304-T06B	Body-2	ABS	Black	1
1	SMA337-CBR5A01	SMA Male Reverse	Cu	Electroposition	1

百展科技有限公司

TITLE: 2.4GHz 7dBi Antenna TH247A			
PART NO.: AN2400-6027BR5			CUSTOMER P/N: /
APP BY	CHK BY	RF BY	DES BY
Grant	Jack		ZGR
2015.08.31	2015.08.31		2015.08.31

UNITS: mm
 SCALE: 1/1
 REVISION: A

Tolerance
 X.X ±0.3
 X.XX ±0.2
 X' ±1



Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
TRP (dBm)	-0.78	-0.69	-0.6	-0.56	-0.5	-0.48	-0.35	-0.41	-0.28	-0.41	-0.34
Peak EIRP (dBm)	6.45	6.55	6.58	6.68	6.72	6.69	6.79	6.6	6.75	6.53	6.23
NHPRP +/- 45 (degree)	-0.87	-0.78	-0.69	-0.65	-0.58	-0.57	-0.45	-0.53	-0.41	-0.55	-0.49
NHPRP +/- 30 (degree)	-1.25	-1.15	-1.05	-1	-0.93	-0.92	-0.79	-0.86	-0.74	-0.88	-0.83
E-Theta Peak Gain (dBi)	-11.6	-12.5	-13	-12.8	-12.4	-11.7	-12.3	-12	-11.5	-12.4	-11.4
E-Phi Peak Gain (dBi)	6.45	6.55	6.57	6.67	6.72	6.69	6.79	6.6	6.75	6.53	6.23
E-Total Peak Gain (dBi)	6.45	6.55	6.58	6.68	6.72	6.69	6.79	6.6	6.75	6.53	6.23
Directivity (dBi)	7.23	7.24	7.18	7.24	7.22	7.17	7.14	7.02	7.03	6.94	6.57
Efficiency (%)	83.65	85.35	87.07	87.88	89.2	89.5	92.29	90.94	93.74	91	92.41