



SPECIFICATION FOR APPROVAL

2025103001
File No. _____
1.0
Revision _____

CUSTOMER: _____

CUSTOMER NO: M500

PART NAME: FPC 4GMain Antenna L=60.5*43.5MM

SL233P.300022.P01
SUPPLIER NO: _____

Date: _____ Q'TY: _____ PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

SH-RD-F04-A

add: 24 Ju Xiang er Lu, Xiang Wei cun, Dalang Town, Dongguan

Telephone;0769-82226176

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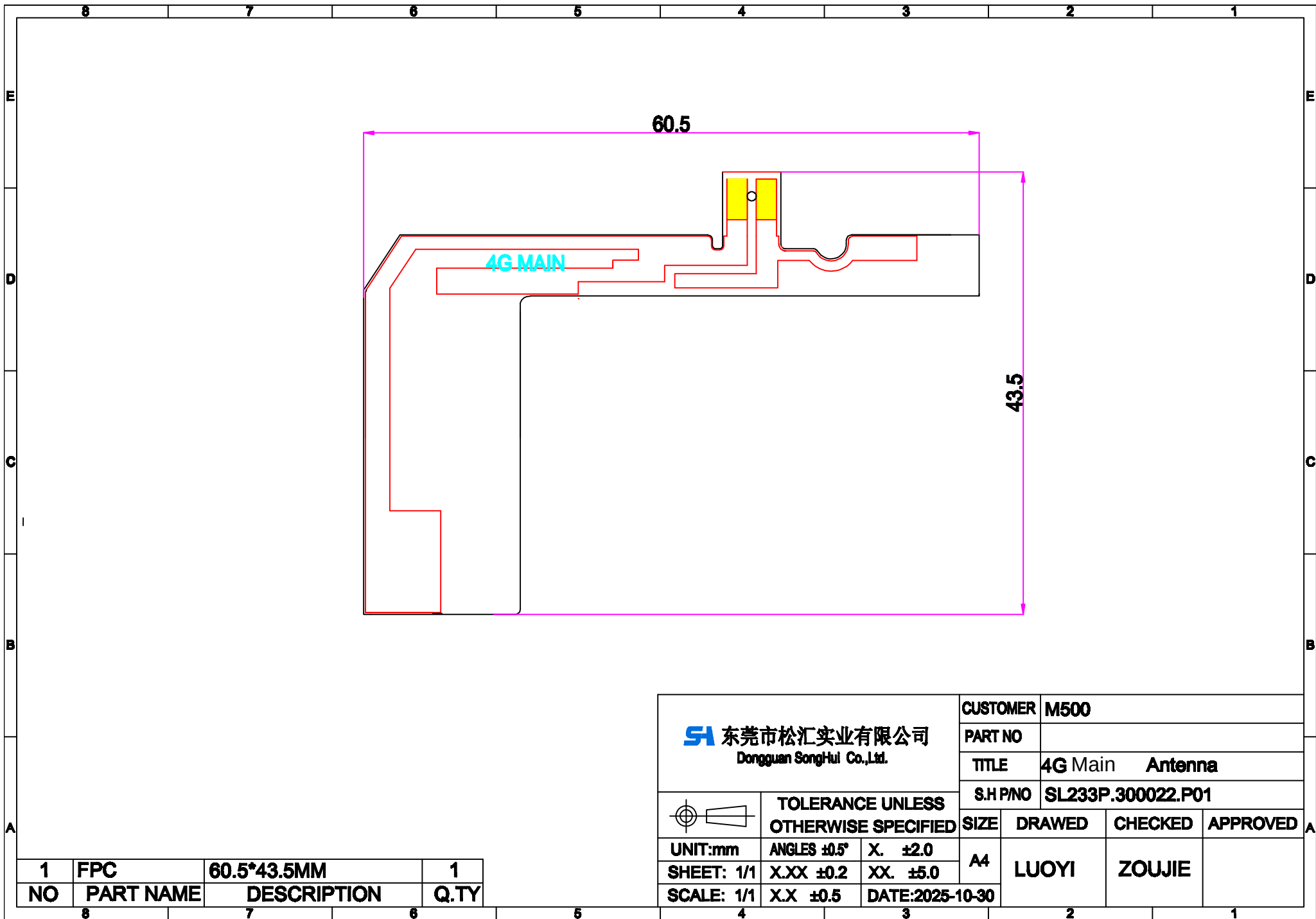
Item list of the acknowledgement

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Test Reports

Electrical Properties	
Frequency	690~960/1700~2700MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.0dBi
Efficiency	>45%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
Physical Properties	
Antenna Material	FPC
Cable Type	
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	

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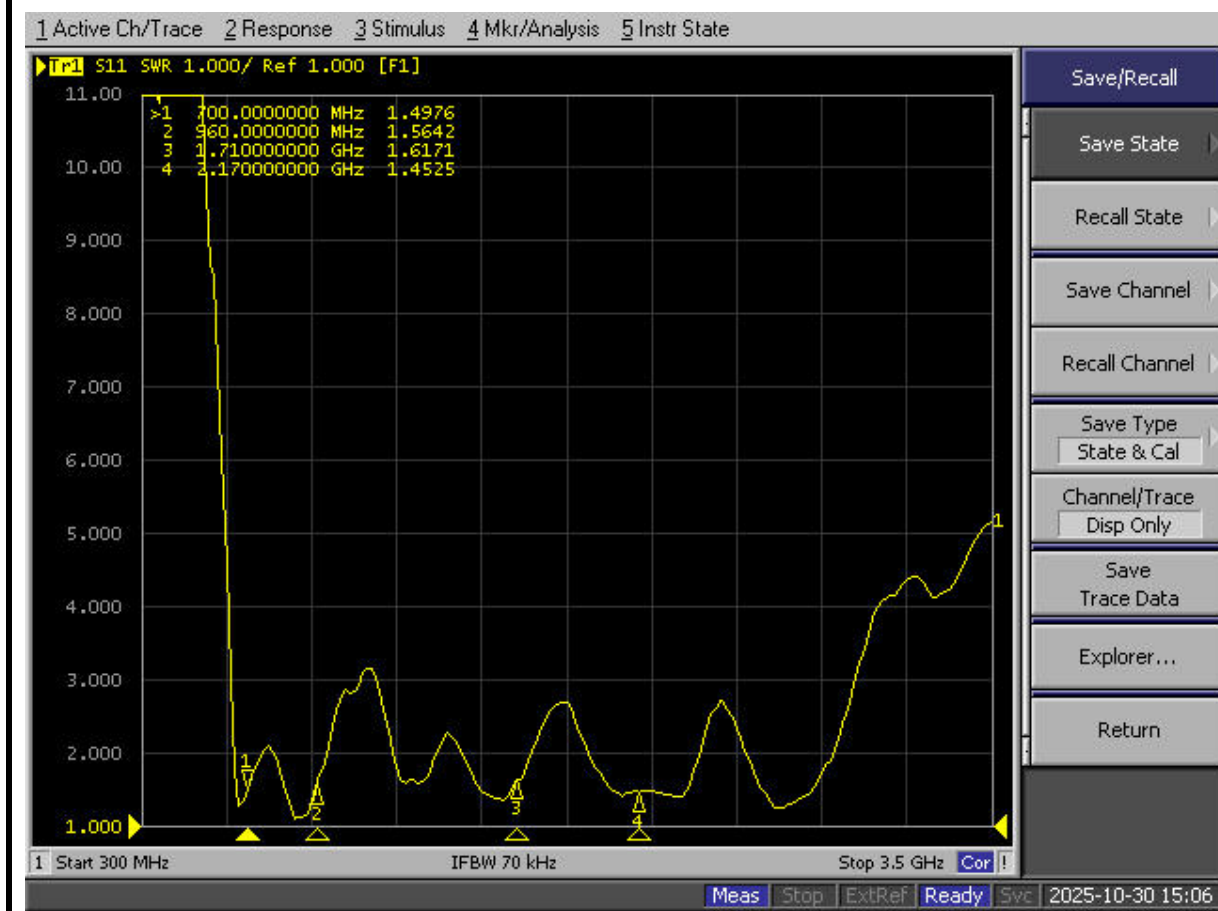
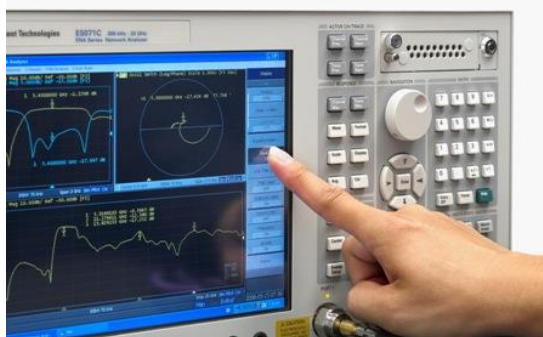
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S Parameter Test

Agilent E5071C

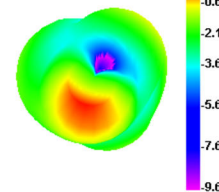


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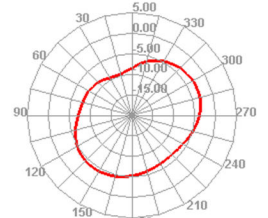
5. Antenna - Radiation Pattern Test Data

Freq (MHz)	Effi (%)	Gain (dBi)			
660	41.5	0.02	1700	55.47	2.54
670	43.82	0.66	1720	49.75	2.65
680	38.15	0.34	1740	39.91	2.14
690	36.01	0.12	1760	39.59	1.78
700	42.23	0.37	1780	42.72	1.98
710	45.96	0.26	1800	43.98	2.18
720	48.89	0.45	1820	47.36	2.76
730	52.27	0.5	1840	51.09	2.53
740	51.18	0.63	1860	53.92	2.24
750	49.23	0.5	1880	51.99	2.45
760	47.74	0.41	1900	56.55	2.77
770	50.23	0.68	1920	56.58	2.68
780	59.09	1.5	1940	54.5	2.33
790	70.9	2.09	1960	53.82	2.89
800	72.11	2.21	1980	51.05	2.32
810	72.55	2.71	2000	51.55	2.07
820	78.56	3.39	2020	49.21	2.42
830	77.81	3.6	2040	50.47	2.11
840	73.48	3.82	2060	50.79	2.35
850	65.3	3.7	2080	51.45	2.18
860	61.04	3.79	2100	54.64	2.44
870	57.23	3.69	2120	48.71	1.86
880	54.95	3.24	2140	43.12	1.71
890	52.11	2.12	2160	47.54	2.3
900	50.96	2.01	2180	52.14	2.62
910	50.08	1.98	2200	45.64	2.31
920	50.15	1.77	2220	47.22	2.68
930	48.68	1.22	2240	49.82	2.7
940	49.58	1.56	2260	42.78	1.71
950	50.79	2.26	2280	46.23	0.59
960	47.63	2.13	2300	49.09	1.13
1400	45.5	1.02	2320	42.16	1.48
1410	48.19	1.55	2340	43.23	1.66
1420	51.96	1.26	2360	44	1.48
1430	41.89	1.45	2380	42.73	1.05
1440	52.27	1.5	2400	47.53	1.2
1450	51.18	1.63	2420	45.22	0.79
1460	49.23	1.5	2440	45.02	0.8
1470	47.74	1.41	2460	50.15	1.28
1480	50.23	1.68	2480	51.49	1.6
1490	59.09	1.5	2500	52.15	1.54
1500	60.9	2.09	2520	50.03	1.46
			2540	47.27	1.05
			2560	47	1.12
			2580	40.83	0.74
			2600	44.4	1.28
			2620	41.64	1.09
			2640	41.78	1.09
			2660	38.98	0.93
			2680	39.26	1.24
			2700	37.67	1.29

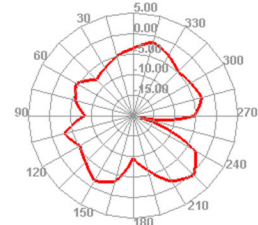
700.000MHz



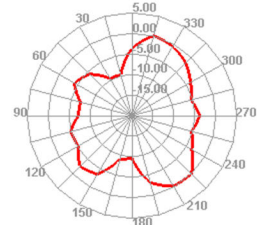
700.000MHz H



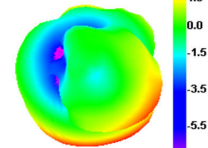
700.000MHz E1



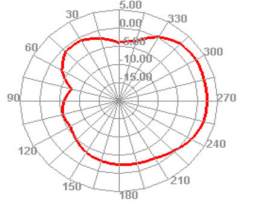
700.000MHz E2



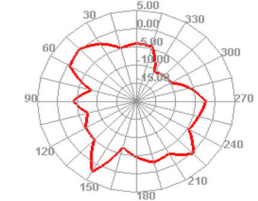
1700.000MHz



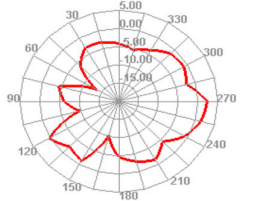
1700.000MHz H



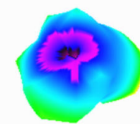
1700.000MHz E1



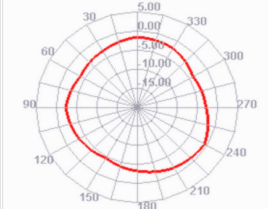
1700.000MHz E2



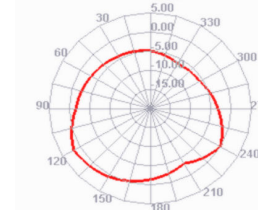
1400.000MHz



1400.000MHz H



1400.000MHz E1



1400.000MHz E2

