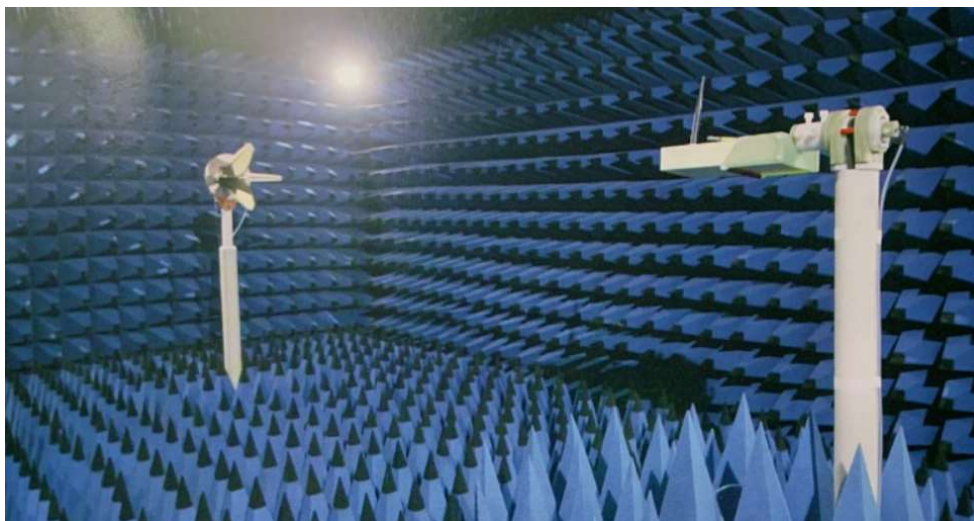
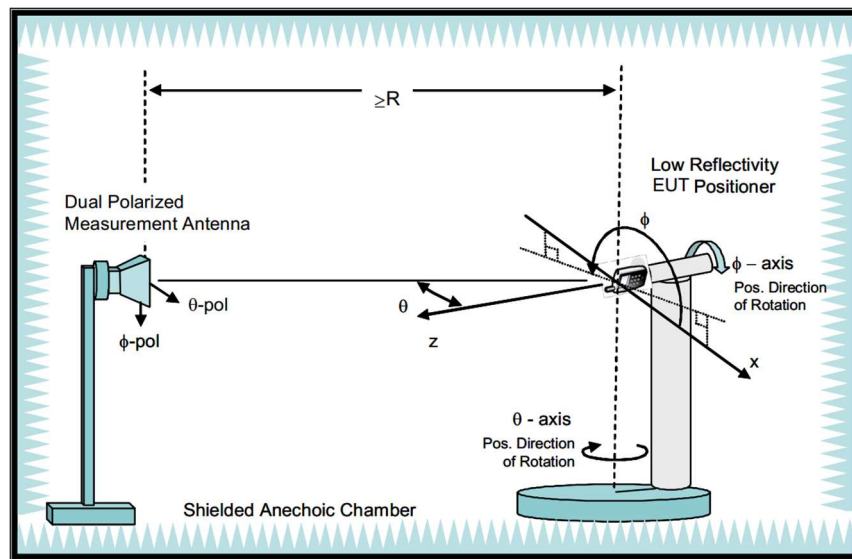


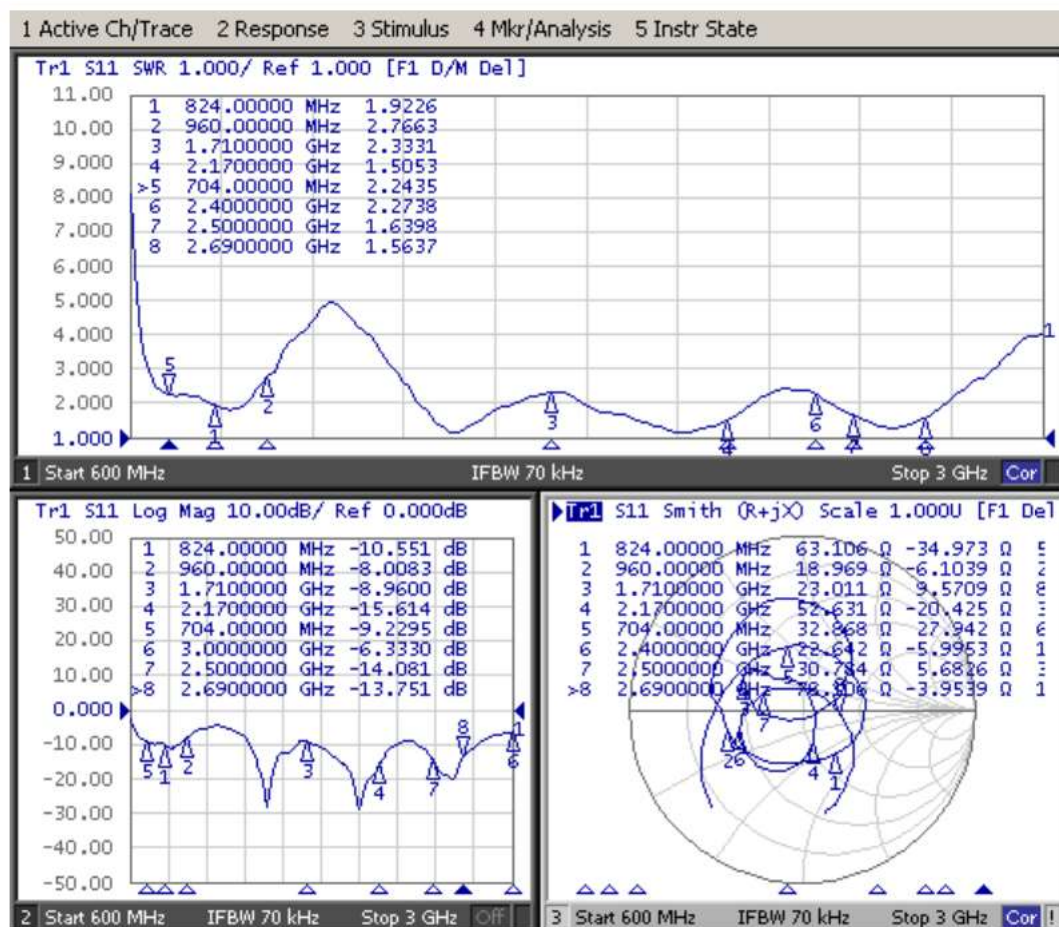
Antenna_Approval Sheet_A

Product Model	HMEA10076-R520-L
Product photos	
Electrical Data	
Frequency	700MHz-960MHz, 1710MHz-2690MHz
VSWR	≤ 2.0
Antenna Gain	700MHz-960MHz: 3.85dBi, 1710MHz-2690MH:2.05dBi
Impedance	50 ohm
Polarization	vertical
Power(W)	50W
Mechanical Data	
Antenna size	158*6.2mm
RF Cable	RG174
Connector	SMA-J
Shell material	ABS

1、Test Environment



2、 VSWR

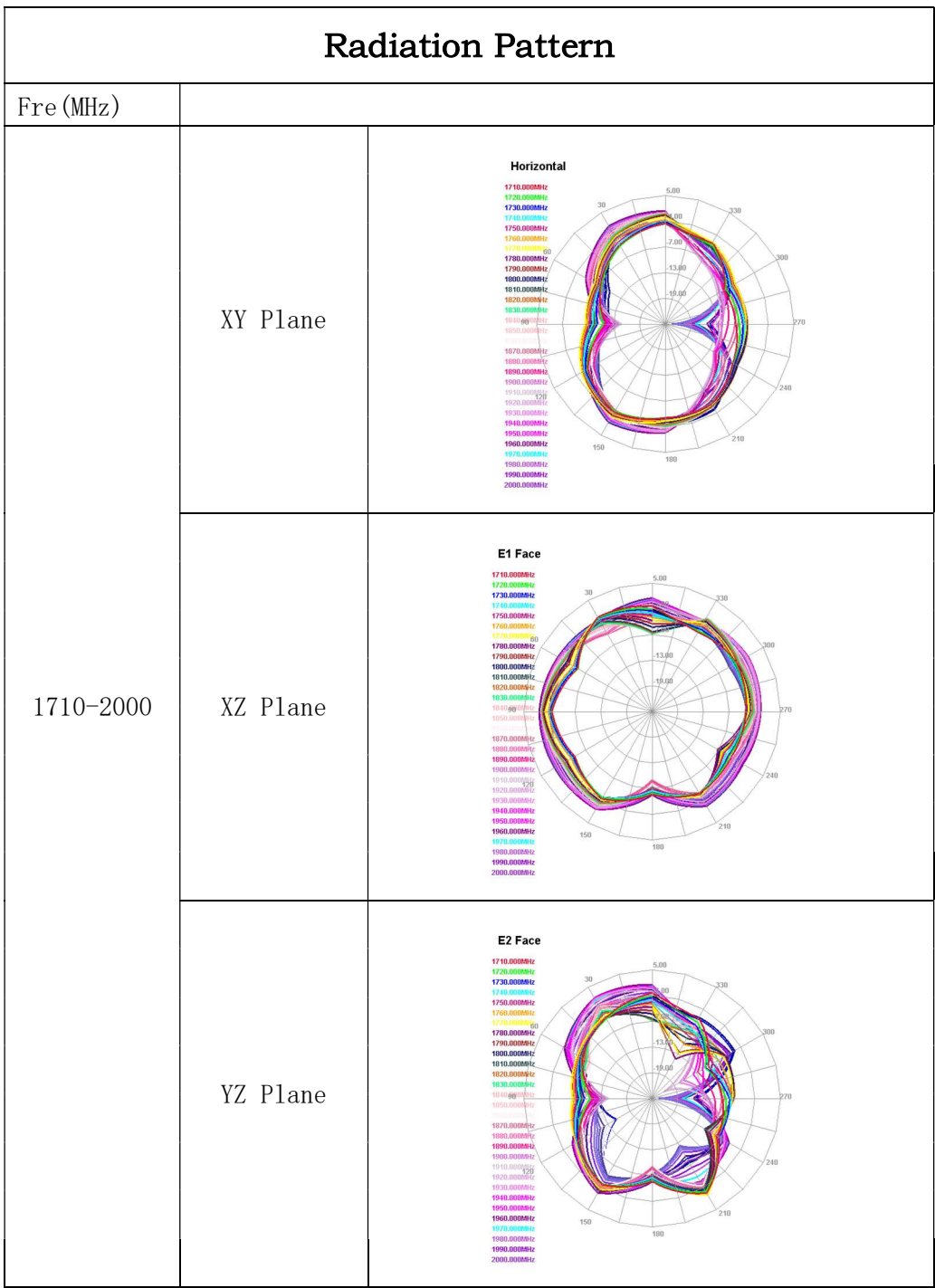


3、 Efficiency & Peak Gain

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
700	56.99	-2.44	0.62	2050	33.91	-4.7	0.19
750	50.8	-2.94	0.58	2100	43.4	-3.63	0.2
800	66.59	-1.77	-0.11	2170	56.63	-2.47	0.76
850	70.8	-1.5	1.37	2300	44.83	-3.48	0.08
900	59.39	-2.26	2.99	2350	45.96	-3.38	-0.17
960	61.56	-2.11	3.85	2400	42.08	-3.76	0.39
1710	38.34	-4.16	-1.85	2450	54.24	-2.66	2.05
1750	33.54	-4.74	-1.62	2500	50.84	-2.94	1.07
1800	38.29	-4.17	0.07	2550	51.25	-2.9	0.88
1850	56.47	-2.48	0.76	2600	64.76	-1.89	1.64
1900	46.67	-3.31	-0.38	2650	56.7	-2.46	0.32
1950	49.99	-3.01	0.16	2680	52.06	-2.83	0.1
2000	42.76	-3.69	-0.18	2690	49.38	-3.06	-0.32

4、Radiation Pattern

Radiation Pattern		
Fre (MHz)		
800-960	XY Plane	Horizontal
	XZ Plane	E1 Face
	YZ Plane	E2 Face



Radiation Pattern		
Fre (MHz)		
2100-2390	XY Plane	Horizontal
	XZ Plane	E1 Face
	YZ Plane	E2 Face

