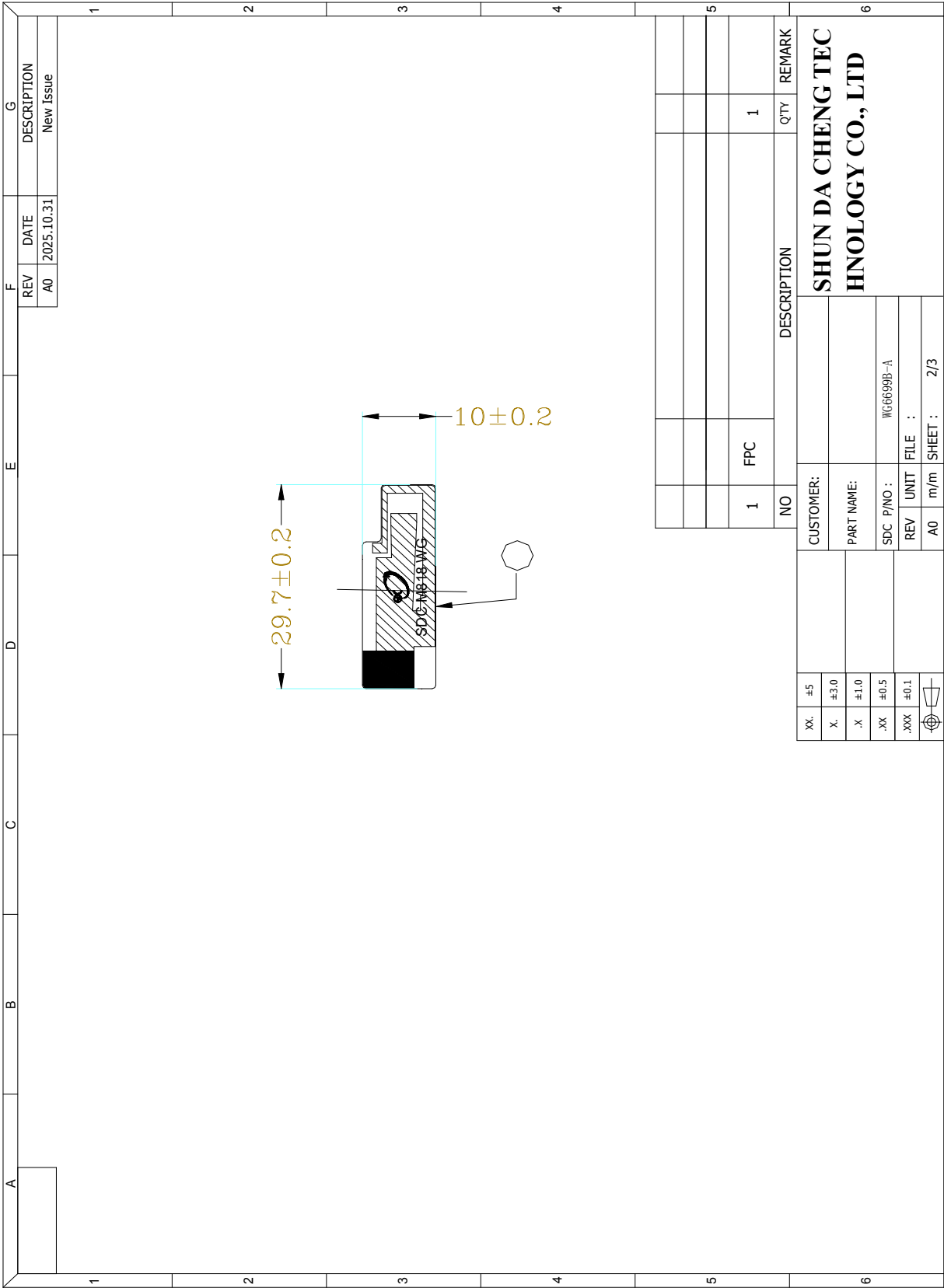


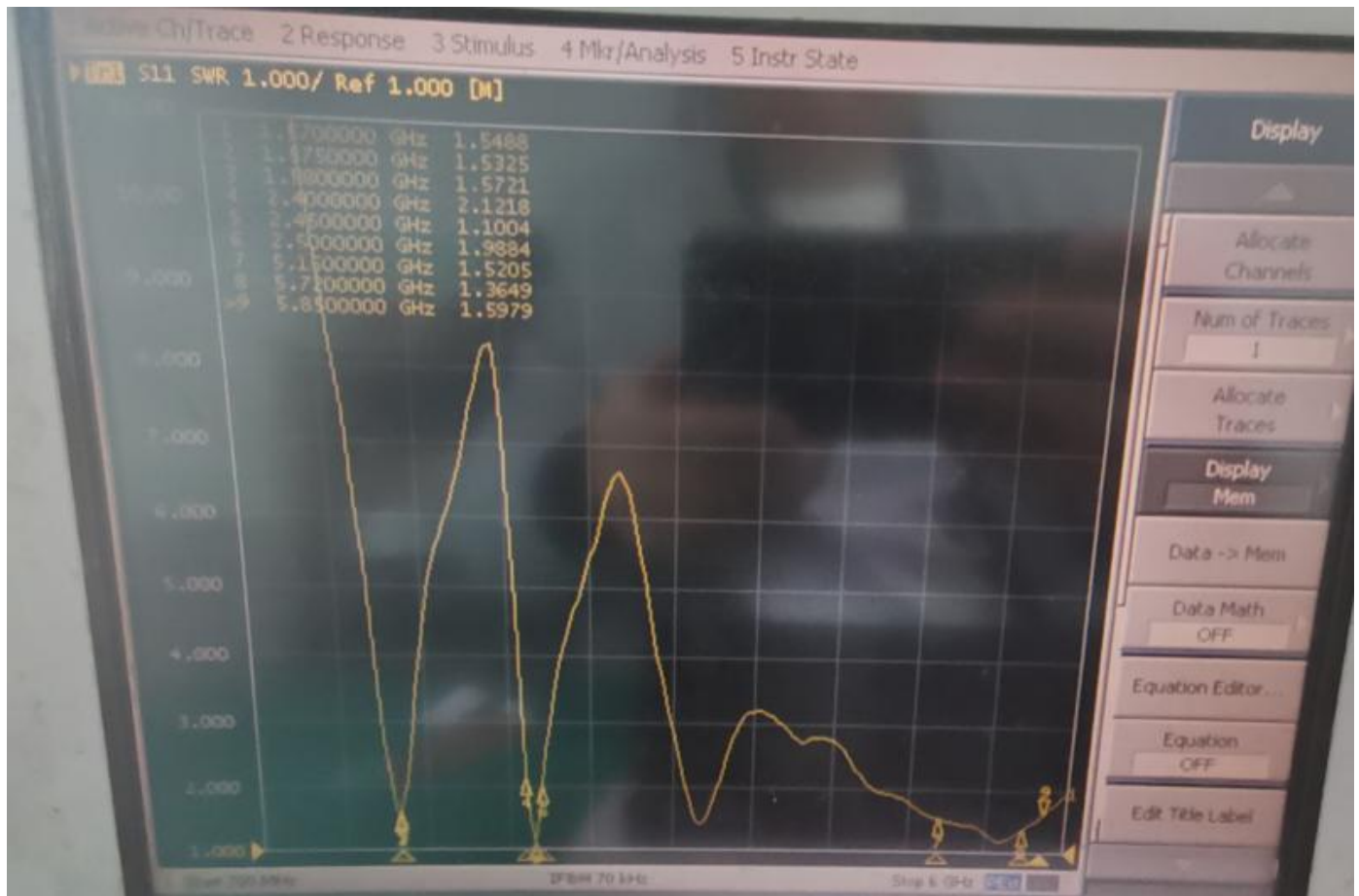


Drawing or Product Image





S11 Parameter-VSWR



2. Antenna Matching Network

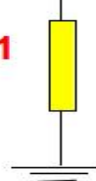
Antenna



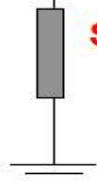
Series
N/A

PA

Shunt 01
N/A



Shunt 02
N/A

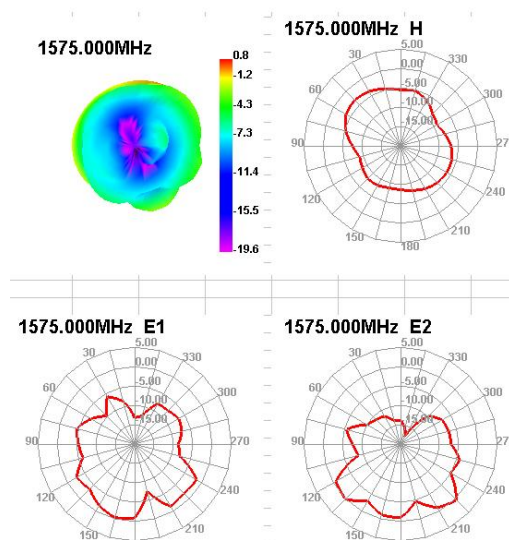




3. Gain & Efficiency

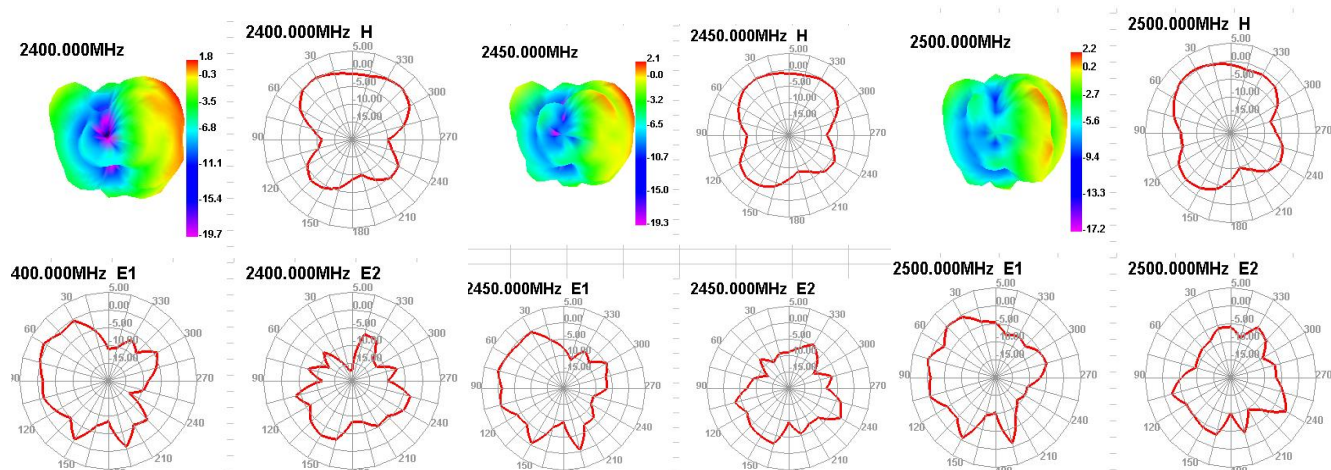
Passive Test For GPS-RB										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
1500	32.5	-3.14	2.8	0.65	16.66	31.838	0.8	-20.4	43.83	44.08
1525	32.86	-3.2	0.59	0.44	15.309	32.552	0.59	-21.47	43.89	43.93
1550	43.28	-3.64	1.82	-0.33	12.607	30.669	1.82	-15.36	44.11	44.11
1575	38.85	-4.58	0.81	-1.34	9.312	25.539	0.81	-19.56	44.82	44.78
1600	34.74	-4.59	0.67	-1.48	10.102	24.642	0.67	-20.95	46.1	45.91

1500.00MHz - 1600.00MHz Gain



Passive Test For 2.4G										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	43.91	-3.57	1.84	-0.31	22.401	21.511	1.84	-19.67	49.25	48.85
2450	44.86	-3.48	2.13	-0.02	22.886	21.973	2.13	-19.33	49.5	49.28
2500	45.49	-3.42	2.16	0.01	23.63	21.862	2.16	-17.15	49.61	49.52

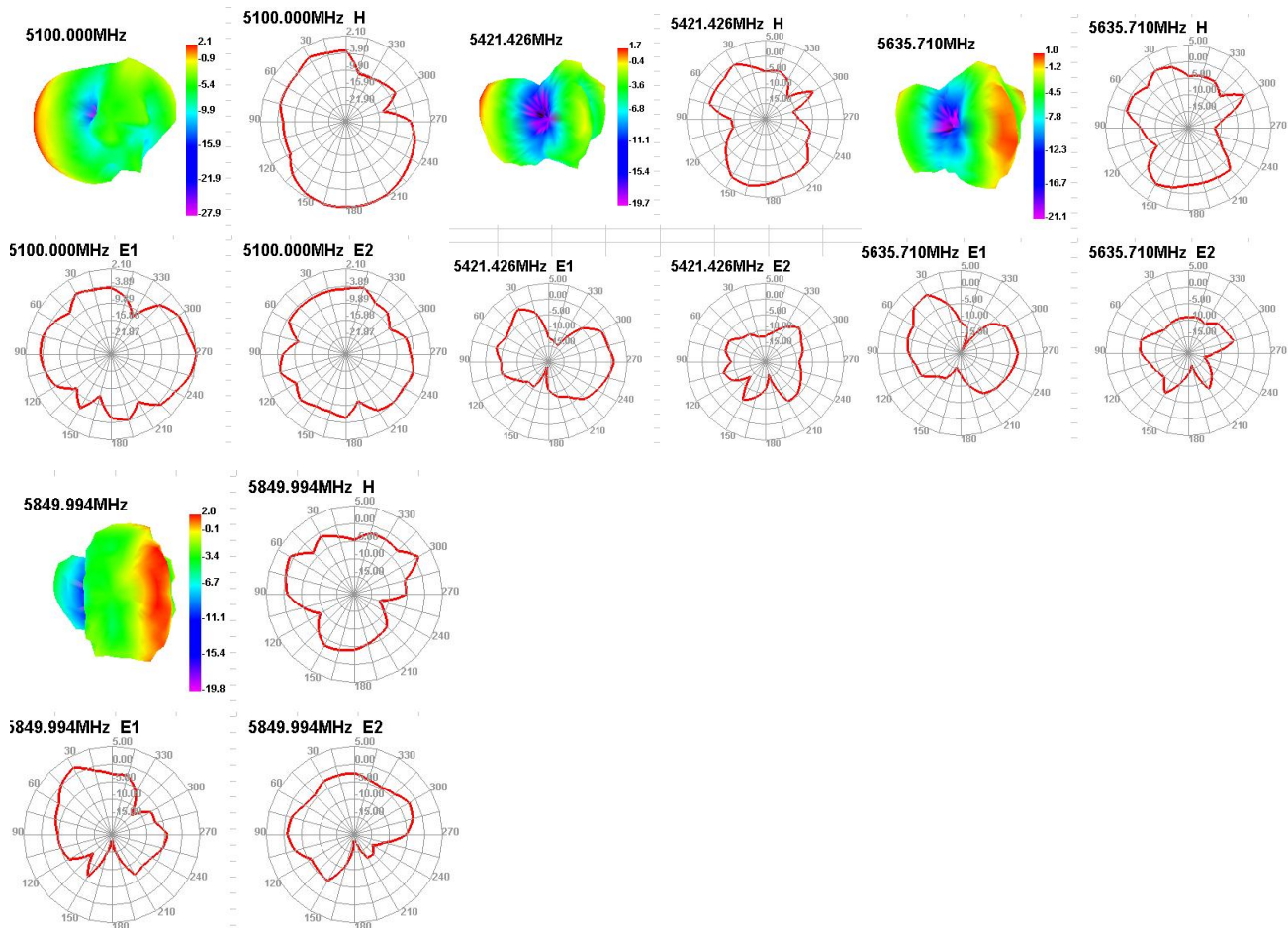
2400.00MHz - 2500.00MHz Gain





Passive Test For 5.8G										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
5100	39.74	-4.01	2.1	-0.05	19.309	20.435	2.1	-27.87	64.41	63.8
5207.14	32.4	-4.9	0.91	-1.24	15.743	16.652	0.91	-24.89	61.01	60.71
5314.28	35.76	-4.47	1.73	-0.42	17.926	17.834	1.73	-18.84	60.15	59.59
5421.43	37.05	-4.31	1.73	-0.42	19.307	17.743	1.73	-19.66	60.88	60.38
5528.57	44.37	-3.53	2.03	-0.12	24.066	20.305	2.03	-27.5	63.75	63.1
5635.71	34.14	-4.67	1.05	-1.1	19.484	14.656	1.05	-21.15	63	62.42
5742.85	42.37	-3.73	2.27	0.12	26.477	15.897	2.27	-21.05	63.75	63.17
5849.99	41.95	-3.77	2.04	-0.11	27.682	14.265	2.04	-19.81	64.46	64.2

5100.00MHz - 5850.00MHz Gain



4. WIFI OTA Data

2.4G	802.11b, (2.4G)11M		
Channel	CH1	CH6	CH11
TRP	12.65	13.33	12.86
TIS	-80.87	-80.16	-80.7
5.8G	802.11a, (5.8G)54M		
Channel	CH36	CH60	CH161
TRP	10.49	10.68	10.9
TIS	-70.63	-70.8	-71.18

5. GPS

