

$$0.16 \pm 0.02$$

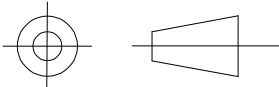
Dianlian 4 Generation Connector
Orientation faces downward as
indicated by the arrow



- Copper Foil

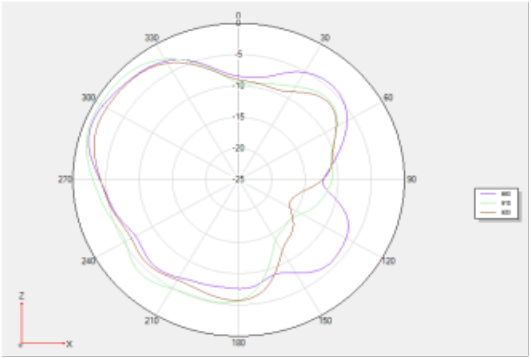
Gold-Plated

Adhesive Backing

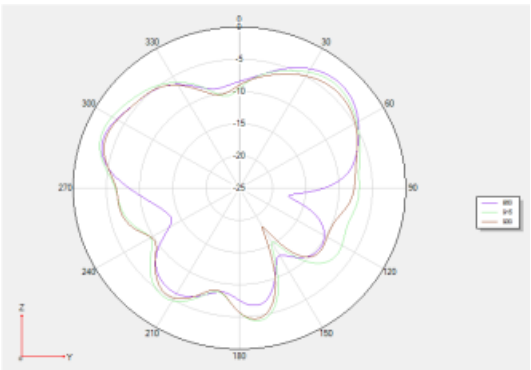
Shanghai Shangyuan Communication Technology Co., Ltd.			
	PART NAME: SP01 Antenna Assembly		DATE: 20250820
	PART NO: SH243781B77		DRAWN: shaobing
TOLERANCE X. X ± 0.25 . XX ± 0.25 . XXX ± 0.05 ANGULAR $\angle \pm 0.5^\circ$	MATERIAL:		CHECKED: yujiang
	FINISHING:		APPROVED:
UNIT:mm	COLOUR: Black	SCALE:1:1	REV:LS02

Frequency (MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
860	-0.9	-6.2	23.77
861	-0.9	-6.2	23.99
862	-0.9	-6.2	24.27
863	-0.8	-6.1	24.72
864	-0.7	-6.0	25.41
865	-0.5	-5.8	26.55
866	-0.4	-5.6	27.35
867	-0.2	-5.5	28.18
868	-0.2	-5.4	28.91
869	-0.1	-5.3	29.24
870	-0.2	-5.4	29.11
871	-0.2	-5.3	29.24
872	-0.3	-5.3	29.31
873	-0.3	-5.3	29.44
874	-0.3	-5.3	29.79
875	-0.2	-5.2	30.41
876	-0.1	-5.1	30.97
877	-0.1	-5.0	31.41
878	-0.1	-5.0	31.62
879	-0.2	-5.0	31.48
880	-0.3	-5.1	30.9
881	-0.4	-5.1	30.62
882	-0.4	-5.2	30.27
883	-0.5	-5.2	30.2
884	-0.4	-5.2	30.41
885	-0.3	-5.1	31.05
886	-0.3	-5.1	31.12
887	-0.3	-5.0	31.33
888	-0.3	-5.0	31.55
889	-0.3	-5.0	31.48
890	-0.4	-5.1	31.05
891	-0.4	-5.1	30.83
892	-0.5	-5.2	30.55
893	-0.5	-5.2	30.27
894	-0.6	-5.2	30.2
895	-0.6	-5.2	30.27
896	-0.6	-5.2	30.41
897	-0.5	-5.2	30.48
898	-0.5	-5.2	30.41
899	-0.6	-5.2	30.06
900	-0.7	-5.3	29.44
901	-0.8	-5.4	28.97
902	-0.8	-5.5	28.51
903	-0.8	-5.5	28.38
904	-0.8	-5.4	28.58
905	-0.7	-5.4	29.17
906	-0.7	-5.4	29.17
907	-0.6	-5.3	29.31
908	-0.6	-5.3	29.24

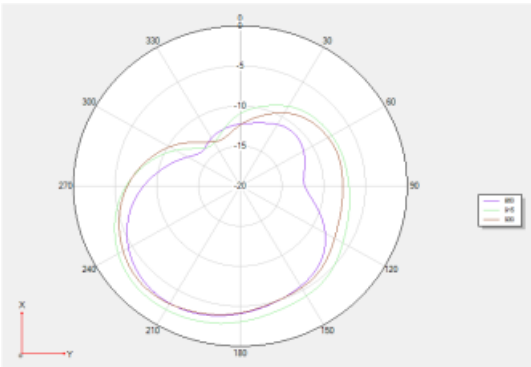
Phi 0 2D



Phi 90 2D



Theta 90 2D



909	-0.6	-5.4	28.91
910	-0.7	-5.5	28.18
911	-0.7	-5.6	27.86
912	-0.8	-5.6	27.35
913	-0.9	-5.7	26.92
914	-0.9	-5.8	26.61
915	-0.9	-5.8	26.49
916	-0.8	-5.8	26.49
917	-0.8	-5.8	26.49
918	-0.8	-5.8	26.36
919	-0.9	-5.9	26
920	-1.0	-6.0	25.35
921	-1.1	-6.1	24.77
922	-1.2	-6.2	24.1
923	-1.3	-6.3	23.55
924	-1.3	-6.3	23.23
925	-1.3	-6.4	23.12
926	-1.4	-6.4	22.8
927	-1.4	-6.5	22.59
928	-1.4	-6.5	22.39
929	-1.5	-6.6	22.08
930	-1.6	-6.7	21.58