



WR50 Antenna SPECIFICATION

Antenna Manufacturer Name	Universal Global Technology (Kunshan) Co., Ltd.
Address	Name: Universal Global Technology (Kunshan) Co., Ltd. Address: No. 497, Huangpujiang Road, Qiandeng Town, Kunshan City, Jiangsu Province P.R. China 215341
ODM P/N:	NA : RFID03N-N0-01 ROW : RFID03N-N0-00
Test DATE	2023/4/18
DATASHEET REVISION	P1

Test Engineer: Ren Hsu



Description of Antenna

Frequency Range	NA : 920MHz ; ROW : 866MHz
Impedance	50 Ω
Antenna type	Patch
Manufacturing Process	LDS/Flex/Stamp Metal

Peak Antenna Gain:

NA:

RFID03N-N0-01		
Frequency(MHz)	Peak Gain(dBi)	
Cable	Short	Long
917	-2.86	-3.05
918	-1.96	-1.89
919	-0.96	-0.70
920	-0.16	0.32
921	0.41	1.00
922	0.83	1.31
923	1.11	1.36
924	1.47	1.25
925	1.54	1.07
926	1.65	0.84
927	1.62	0.51

ROW:

RFID03N-N0-00		
Frequency(MHz)	Peak Gain(dBi)	
Cable	Short	Long
860	-2.00	-3.05
861	-1.39	-2.14
862	-0.85	-1.14
863	-0.47	-0.03
864	0.53	0.98
865	1.14	1.53
866	1.42	1.51
867	1.31	1.09
868	0.97	0.73
869	0.52	0.31
870	0.08	-0.21



Zebra Technologies Corporation

Antenna Pattern:

