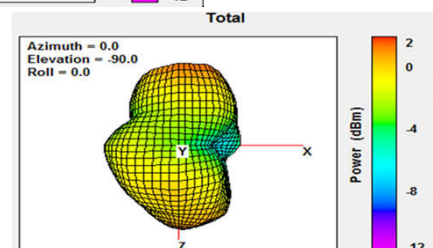
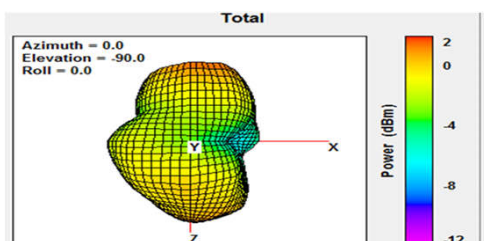
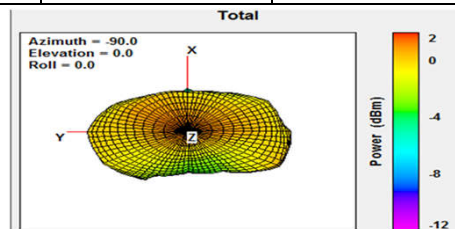


Product Information		
Applicant	Company Name	Ring LLC
	Company Addr	1523 26th St, Santa Monica, CA 90404, USA
Manufacturer	Company Name	Goertek Inc.
	Company Addr	No.268 Dongfang Road High-Tech Industrial Development District, Weifang Shandong, China
Factory 1	Company Name	Goertek Technology vina Co.,Ltd
	Company Addr	Lot cn2-10 Que Vo industrial park 3, Viet hung commune, Que Vo district, Bac Ninh province, Vietnam
Factory 2	Company Name	Goertek Inc.
	Company Addr	No.999 Liyuan Street, High-Tech Industrial Development District, Weifang, Shandong, 261031, P.R. China
Product Information	Equipment Name	Spotlight Cam Plus
	Brand (Trade) Name	Ring
	Model Name (Number)	5AT2S2
Antenna Information		
Antenna Type	WLAN	LOOP Antenna
	Bluetooth	LOOP Antenna
	LoRa	IFA Antenna
	Radar	patch Antenna
Test the vance	Shanghai Goertek Inc.	
Chamber System	ETS-Lindgern	
Test Laboratory	ESCO Technologies Company	
Test Date	2022.6.30	

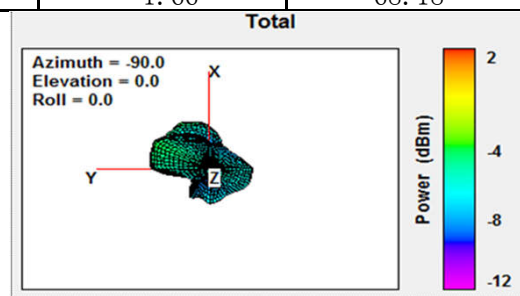
WIFI B (ANTO) /BT

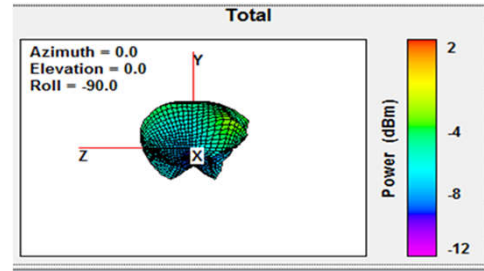
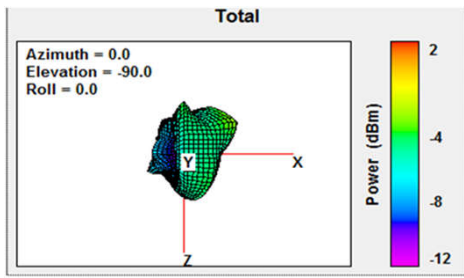
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-2.58	55.45	1.75
2405	-2.61	54.83	1.59
2410	-2.62	54.72	1.71
2415	-2.63	54.60	1.62
2420	-2.66	54.21	1.54
2425	-2.73	53.38	1.38
2430	-2.72	53.43	1.32
2435	-2.75	53.05	1.35
2440	-2.80	52.52	1.25
2445	-2.84	52.03	1.30
2450	-2.89	51.36	1.11
2455	-2.93	50.90	1.10
2460	-2.98	50.39	0.98
2465	-3.06	49.48	0.83
2470	-3.14	48.54	0.86
2475	-3.26	47.22	0.67
2480	-3.33	46.41	0.67
2485	-3.35	46.19	0.60
2490	-3.46	45.08	0.54
2495	-3.55	44.20	0.48
2500	-3.61	43.57	0.38
5000	-1.76	66.63	3.57
5050	-1.66	68.18	4.14
5100	-1.77	66.50	4.23
5150	-1.74	66.93	4.22
5200	-1.80	66.02	3.99
5250	-1.96	63.75	4.00
5300	-1.60	69.13	4.79
5350	-1.58	69.44	4.74
5400	-1.47	71.27	4.74
5450	-1.86	65.15	4.36
5500	-1.72	67.23	4.01
5550	-1.77	66.60	3.98
5600	-1.16	76.50	3.93
5650	-1.07	78.22	4.35
5700	-1.53	70.33	4.07
5750	-1.85	65.36	4.01
5800	-2.16	60.76	3.41
5850	-2.31	58.75	3.44
5900	-2.32	58.67	3.54
5950	-2.30	58.86	3.64
6000	-1.99	63.28	3.99



WIFI A (ANT1)

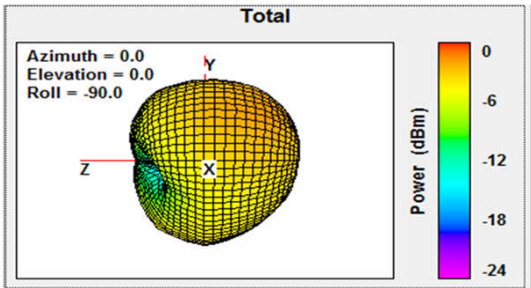
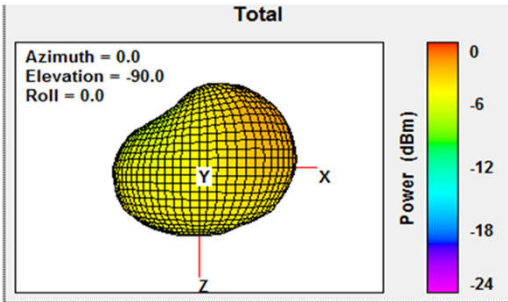
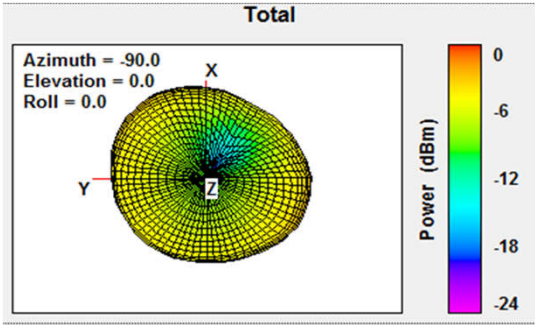
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-1.05	78.52	2.46
2405	-1.04	78.77	2.42
2410	-1.02	79.15	2.40
2415	-0.93	80.74	2.23
2420	-0.90	81.21	2.39
2425	-0.91	81.13	2.28
2430	-0.86	81.97	2.18
2435	-0.85	82.24	2.20
2440	-0.87	81.89	2.14
2445	-0.85	82.24	2.17
2450	-0.87	81.75	2.00
2455	-0.91	81.18	2.03
2460	-0.87	81.82	2.17
2465	-0.91	81.09	2.00
2470	-0.94	80.50	1.99
2475	-1.04	78.62	1.82
2480	-1.02	78.99	1.98
2485	-0.98	79.77	2.09
2490	-1.07	78.21	2.13
2495	-1.13	77.11	2.12
2500	-1.14	76.96	2.23
5000	-1.51	70.66	2.50
5050	-1.39	72.64	3.13
5100	-1.61	68.99	3.60
5150	-1.47	71.28	4.15
5200	-1.83	65.66	3.80
5250	-2.00	63.16	3.67
5300	-1.52	70.55	4.18
5350	-1.66	68.16	4.24
5400	-1.42	72.16	3.94
5450	-1.79	66.18	3.70
5500	-1.61	69.07	4.03
5550	-1.80	66.01	4.41
5600	-1.00	79.35	4.98
5650	-0.98	79.79	4.87
5700	-1.07	78.21	4.18
5750	-1.44	71.73	3.95
5800	-1.59	69.26	4.11
5850	-1.86	65.20	4.04
5900	-1.79	66.15	3.74
5950	-1.99	63.18	3.37
6000	-1.66	68.18	3.88





LoRa

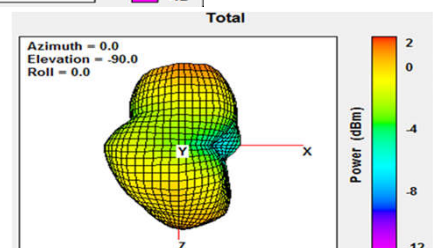
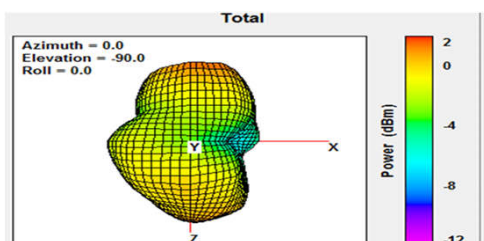
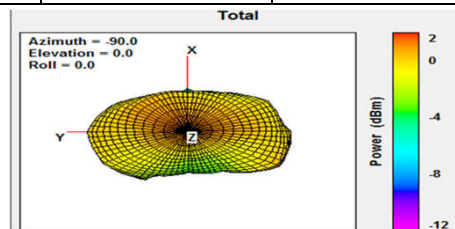
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
860	-2.85	51.88	-0.13
865	-2.91	51.23	-0.15
870	-2.94	50.80	-0.18
875	-3.05	49.60	-0.29
880	-3.14	48.52	-0.35
885	-3.26	47.18	-0.50
890	-3.39	45.77	-0.66
895	-3.54	44.27	-0.82
900	-3.39	46.66	-1.16
905	-3.25	48.23	-1.01
910	-3.50	44.80	-1.27
915	-3.92	41.23	-1.45
920	-4.13	39.83	-1.75
925	-4.50	36.51	-2.09
930	-4.63	35.47	-2.12



Product Information		
Applicant	Company Name	Ring LLC
	Company Addr	1523 26th St, Santa Monica, CA 90404, USA
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	Company Addr	Lot cn2-10 Que Vo industrial park 3, Viet hung commune, Que Vo district, Bac Ninh province, Vietnam
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	Company Addr	No.999 Liyuan Street, High-Tech Industrial Development District, Weifang, Shandong, 261031, P.R. China
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	Model Name (Number)	5AT2S2
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	LoRa	IFA Antenna
	Radar	patch Antenna
Test the vance	Shanghai Goertek Inc.	
Chamber System	ETS-Lindgern	
Test Laboratory	ESCO Technologies Company	
Test Date	2022.6.30	

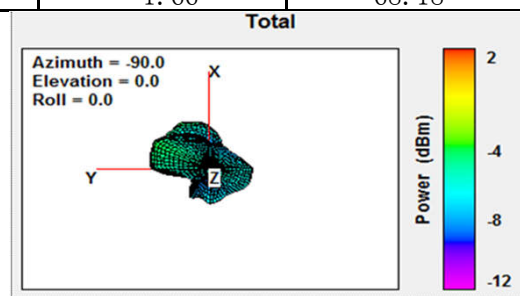
WIFI B(ANTO)/BT

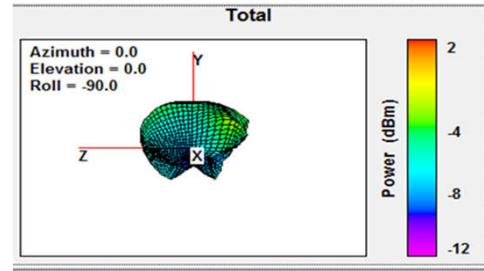
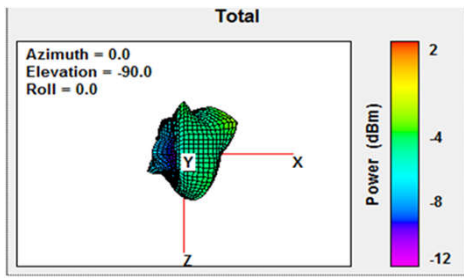
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-2.58	55.45	1.75
2405	-2.61	54.83	1.59
2410	-2.62	54.72	1.71
2415	-2.63	54.60	1.62
2420	-2.66	54.21	1.54
2425	-2.73	53.38	1.38
2430	-2.72	53.43	1.32
2435	-2.75	53.05	1.35
2440	-2.80	52.52	1.25
2445	-2.84	52.03	1.30
2450	-2.89	51.36	1.11
2455	-2.93	50.90	1.10
2460	-2.98	50.39	0.98
2465	-3.06	49.48	0.83
2470	-3.14	48.54	0.86
2475	-3.26	47.22	0.67
2480	-3.33	46.41	0.67
2485	-3.35	46.19	0.60
2490	-3.46	45.08	0.54
2495	-3.55	44.20	0.48
2500	-3.61	43.57	0.38
5000	-1.76	66.63	3.57
5050	-1.66	68.18	4.14
5100	-1.77	66.50	4.23
5150	-1.74	66.93	4.22
5200	-1.80	66.02	3.99
5250	-1.96	63.75	4.00
5300	-1.60	69.13	4.79
5350	-1.58	69.44	4.74
5400	-1.47	71.27	4.74
5450	-1.86	65.15	4.36
5500	-1.72	67.23	4.01
5550	-1.77	66.60	3.98
5600	-1.16	76.50	3.93
5650	-1.07	78.22	4.35
5700	-1.53	70.33	4.07
5750	-1.85	65.36	4.01
5800	-2.16	60.76	3.41
5850	-2.31	58.75	3.44
5900	-2.32	58.67	3.54
5950	-2.30	58.86	3.64
6000	-1.99	63.28	3.99



WIFI A (ANT1)

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-1.05	78.52	2.46
2405	-1.04	78.77	2.42
2410	-1.02	79.15	2.40
2415	-0.93	80.74	2.23
2420	-0.90	81.21	2.39
2425	-0.91	81.13	2.28
2430	-0.86	81.97	2.18
2435	-0.85	82.24	2.20
2440	-0.87	81.89	2.14
2445	-0.85	82.24	2.17
2450	-0.87	81.75	2.00
2455	-0.91	81.18	2.03
2460	-0.87	81.82	2.17
2465	-0.91	81.09	2.00
2470	-0.94	80.50	1.99
2475	-1.04	78.62	1.82
2480	-1.02	78.99	1.98
2485	-0.98	79.77	2.09
2490	-1.07	78.21	2.13
2495	-1.13	77.11	2.12
2500	-1.14	76.96	2.23
5000	-1.51	70.66	2.50
5050	-1.39	72.64	3.13
5100	-1.61	68.99	3.60
5150	-1.47	71.28	4.15
5200	-1.83	65.66	3.80
5250	-2.00	63.16	3.67
5300	-1.52	70.55	4.18
5350	-1.66	68.16	4.24
5400	-1.42	72.16	3.94
5450	-1.79	66.18	3.70
5500	-1.61	69.07	4.03
5550	-1.80	66.01	4.41
5600	-1.00	79.35	4.98
5650	-0.98	79.79	4.87
5700	-1.07	78.21	4.18
5750	-1.44	71.73	3.95
5800	-1.59	69.26	4.11
5850	-1.86	65.20	4.04
5900	-1.79	66.15	3.74
5950	-1.99	63.18	3.37
6000	-1.66	68.18	3.88





LoRa

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
860	-2.85	51.88	-0.13
865	-2.91	51.23	-0.15
870	-2.94	50.80	-0.18
875	-3.05	49.60	-0.29
880	-3.14	48.52	-0.35
885	-3.26	47.18	-0.50
890	-3.39	45.77	-0.66
895	-3.54	44.27	-0.82
900	-3.39	46.66	-1.16
905	-3.25	48.23	-1.01
910	-3.50	44.80	-1.27
915	-3.92	41.23	-1.45
920	-4.13	39.83	-1.75
925	-4.50	36.51	-2.09
930	-4.63	35.47	-2.12

