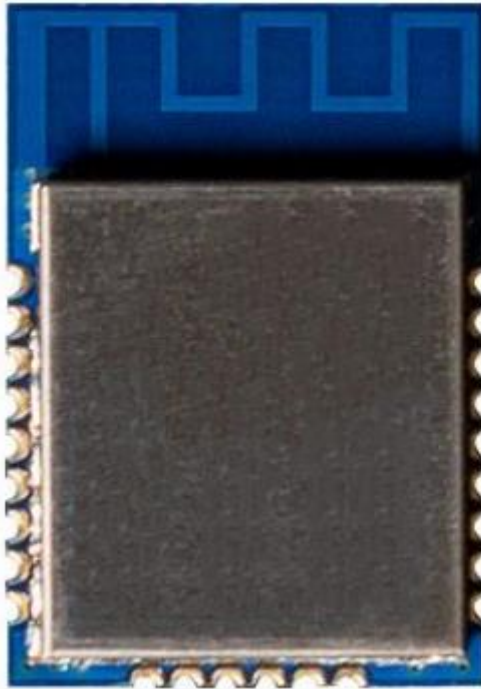


SY-BK0006-V3905 Antenna Test Report



Product name: Bluetooth module

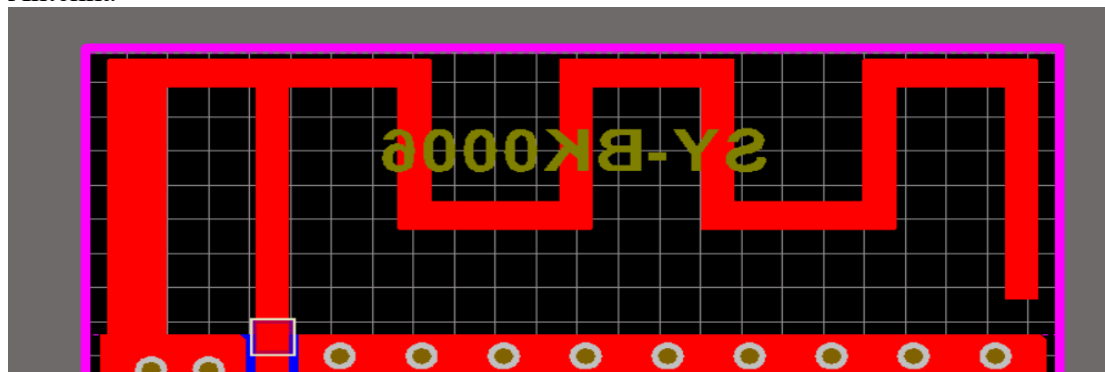
Model of Antenna: V3905

Antenna Type:PCB antenna

Antenna Manufacturer: Shenyun Internet of Things (Shenzhen) Technology Co., Ltd

Address: Room 7B023, Hong Kong-Shenzhen International Center, Xin Niu Community, Minzhi Subdistrict, Longhua District, Shenzhen City, Guangdong Province, China

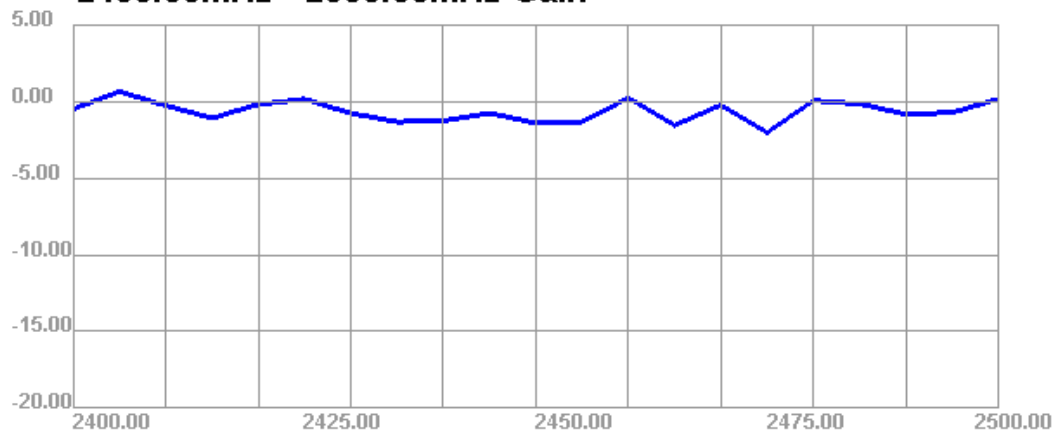
Antenna



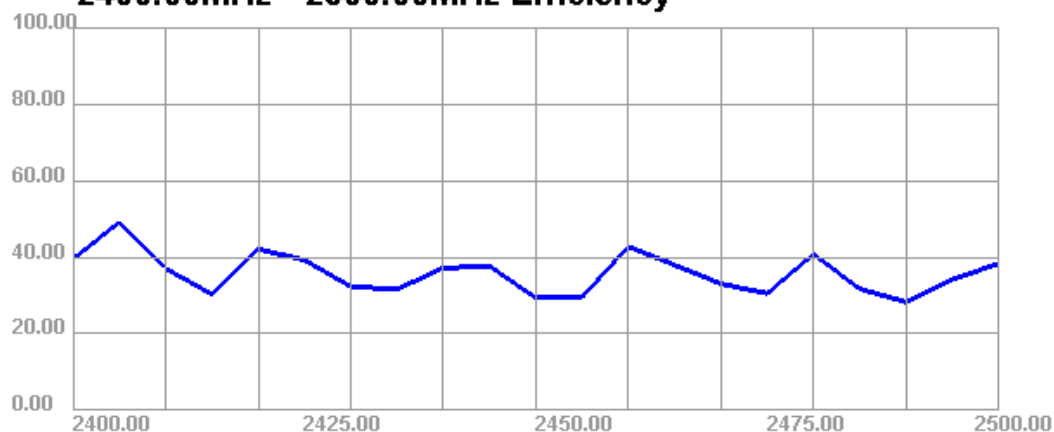
Test Data

Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	39.57	-4.03	-0.49	-2.64	18.832	20.743	-0.49	-16.79	3.54	60	47.69	47.76
2405	49.18	-3.08	0.65	-1.5	23.478	25.703	0.65	-20.18	3.73	0	47.64	47.66
2410	37.09	-4.31	-0.26	-2.41	17.1	19.99	-0.26	-17.83	4.05	30	47.72	47.58
2415	30.31	-5.18	-1.09	-3.24	14.429	15.881	-1.09	-14.15	4.1	30	48.02	47.94
2420	42.15	-3.75	-0.18	-2.33	20.434	21.713	-0.18	-14.93	3.57	60	48.01	47.96
2425	39.29	-4.06	0.16	-1.99	18.867	20.424	0.16	-13.18	4.21	30	47.61	47.72
2430	32.34	-4.9	-0.76	-2.91	14.603	17.738	-0.76	-20.93	4.14	90	47.23	47.24
2435	31.64	-5	-1.32	-3.47	14.52	17.125	-1.32	-13.58	3.68	0	47.21	47.1
2440	37.21	-4.29	-1.25	-3.4	18.21	19.002	-1.25	-16.33	3.05	60	47.2	47.05
2445	37.68	-4.24	-0.75	-2.9	17.969	19.707	-0.75	-15.25	3.49	90	46.94	46.84
2450	29.41	-5.32	-1.41	-3.56	14.23	15.177	-1.41	-14.2	3.9	30	46.66	46.59
2455	29.57	-5.29	-1.32	-3.47	14.013	15.558	-1.32	-16.84	3.97	0	46.75	46.67
2460	42.82	-3.68	0.23	-1.92	20.251	22.571	0.23	-16.6	3.91	30	46.91	46.8
2465	37.98	-4.2	-1.55	-3.7	18.342	19.639	-1.55	-12.93	2.66	30	46.84	46.64
2470	33.08	-4.8	-0.23	-2.38	16.101	16.983	-0.23	-18.13	4.57	30	46.74	46.54
2475	30.54	-5.15	-2.02	-4.17	15.646	14.895	-2.02	-15.48	3.13	0	47.03	46.81
2480	40.82	-3.89	0.06	-2.09	18.919	21.899	0.06	-18.19	3.95	90	47.29	47.22
2485	31.73	-4.99	-0.15	-2.3	13.834	17.898	-0.15	-20.33	4.84	0	47.48	47.53
2490	28.34	-5.48	-0.83	-2.98	13.97	14.366	-0.83	-13.64	4.65	30	47.72	47.63
2495	34.24	-4.66	-0.72	-2.87	15.756	18.479	-0.72	-11.91	3.94	30	47.62	47.47
2500	38.32	-4.17	0.16	-1.99	19.176	19.141	0.16	-12.31	4.33	60	47.3	47.2

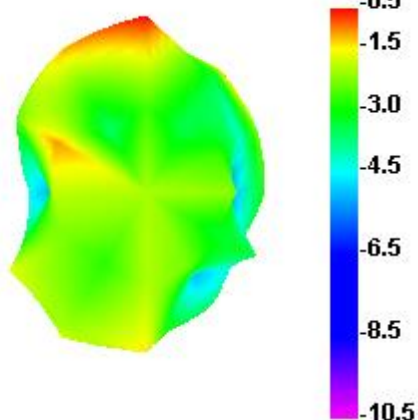
2400.00MHz - 2500.00MHz Gain



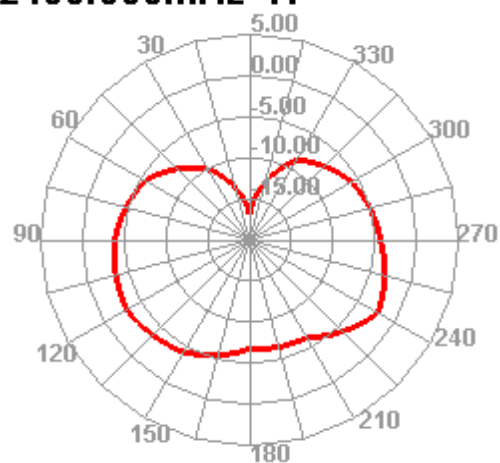
2400.00MHz - 2500.00MHz Efficiency



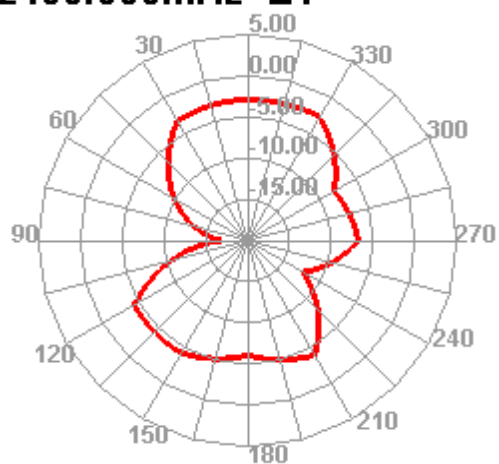
2400.000MHz



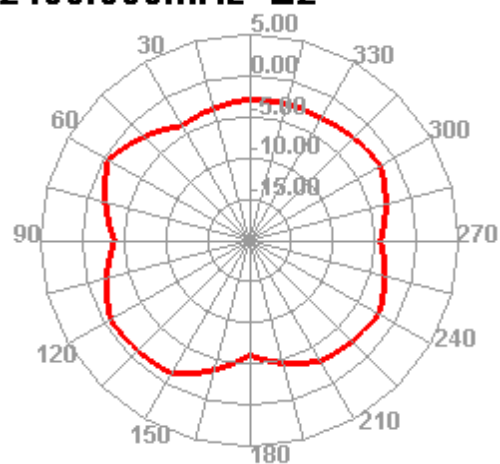
2400.000MHz H



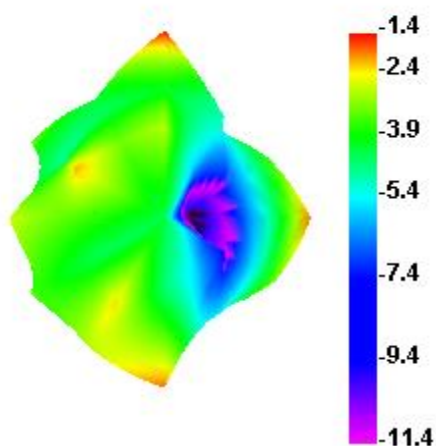
2400.000MHz E1



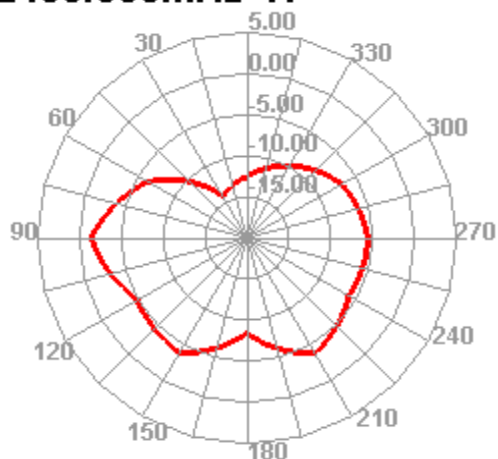
2400.000MHz E2



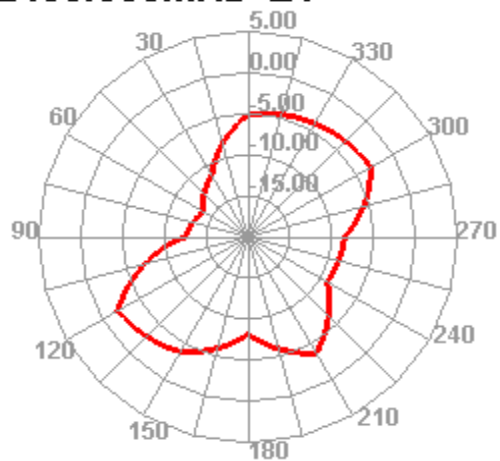
2450.000MHz



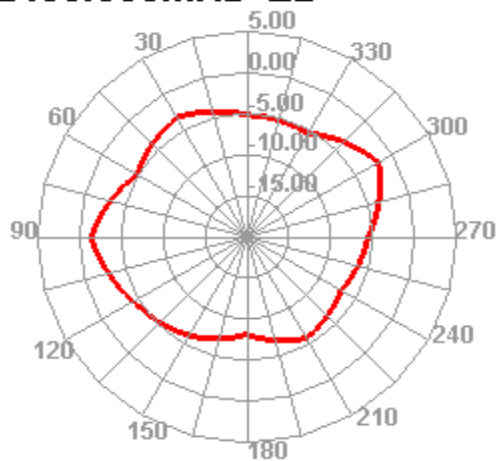
2450.000MHz H



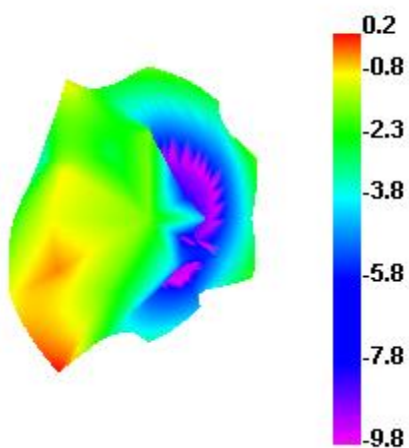
2450.000MHz E1



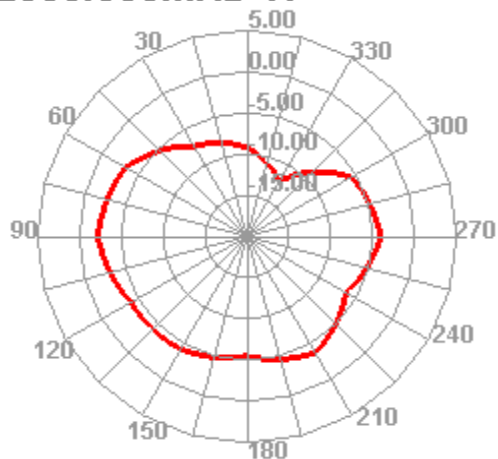
2450.000MHz E2



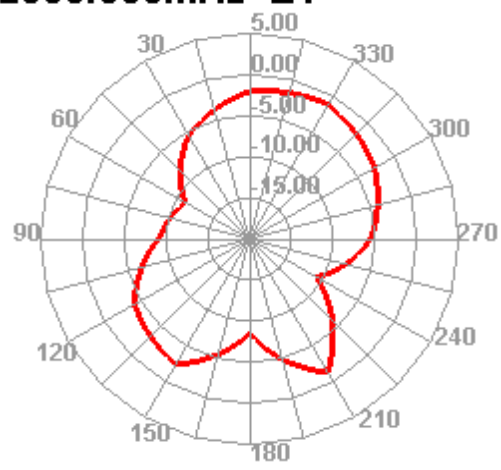
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

