

Antenna Data Sheet

Manufacturerer: Unictron Technologies Crop.

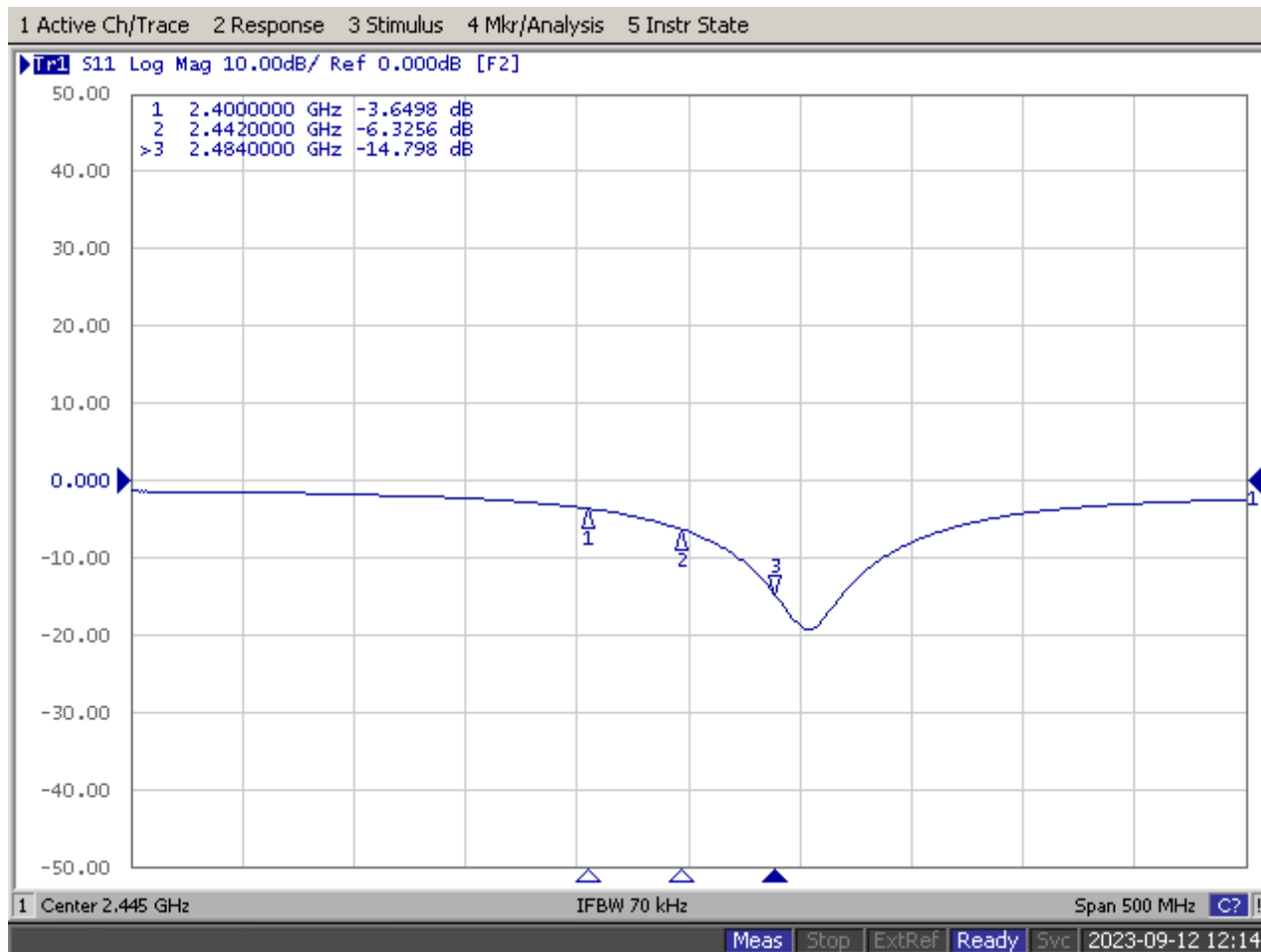
Address: No. 83, Kewang Rd., Longtan Dist., Taoyuan City 325, Taiwan

Antenna Model: CW505

Antenna Type: Chip

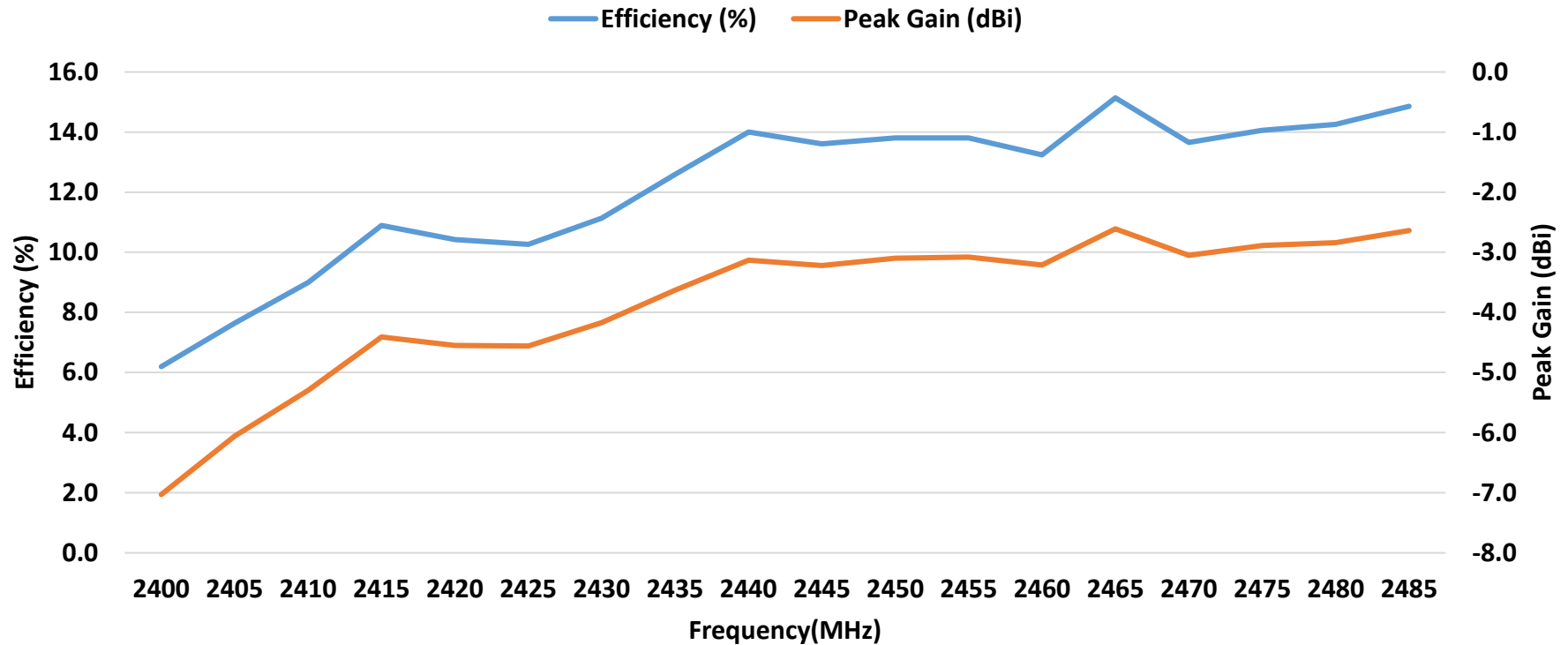
S-Parameters-Return Loss

Free space



Experimental results

Radiation efficiency and peak gain - Free space



2400-2485 MHz

Frequency (MHz)	2400	2405	2410	2415	2420	2425	2430	2435	2440	2445	2450	2455	2460	2465	2470	2475	2480	2485
Efficiency (dB)	-12.1	-11.2	-10.5	-9.6	-9.8	-9.9	-9.5	-9.0	-8.5	-8.7	-8.6	-8.6	-8.8	-8.2	-8.7	-8.5	-8.5	-8.3
Efficiency (%)	6.2	7.6	9.0	10.9	10.4	10.3	11.1	12.6	14.0	13.6	13.8	13.8	13.2	15.1	13.7	14.1	14.3	14.9
Peak Gain (dBi)	-7.0	-6.1	-5.3	-4.4	-4.6	-4.6	-4.2	-3.6	-3.1	-3.2	-3.1	-3.1	-3.2	-2.6	-3.1	-2.9	-2.8	-2.6

Experimental results

3D Gain Pattern (Radiation Pattern @ 2445 MHz) (unit: dBi) - Free Space

