

RICOH IMAGING

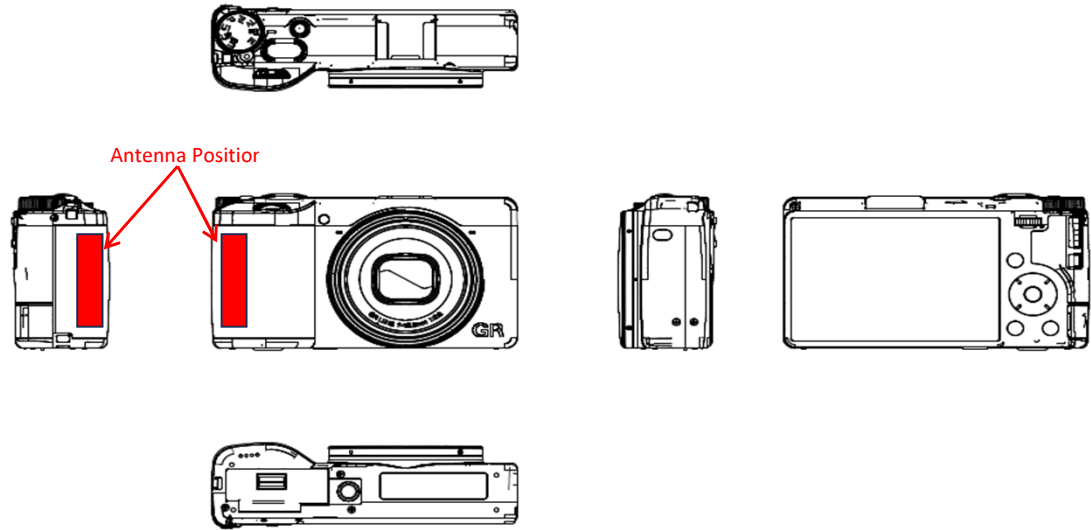
ANTENNA SPEC

製造者 Manufacturer リコーイメージング株式会社
RICOH IMAGING COMPANY, LTD.

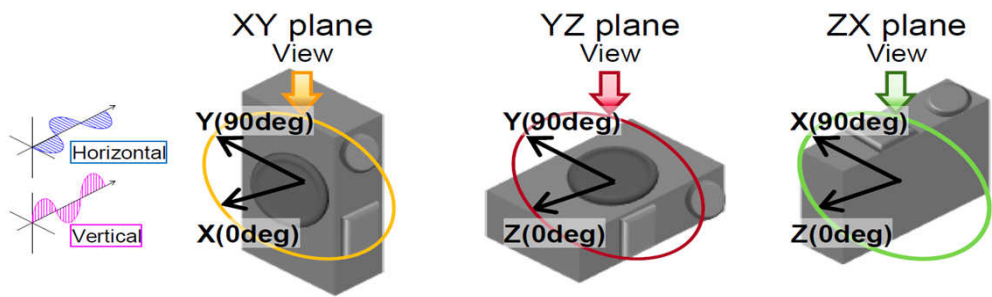
仕様 Specification

対応カメラ Compatible Camera Model	R09010
アンテナ名称 Antenna Model Name	T441A
周波数範囲 Frequency range	2400 ～ 2500 MHz 5150 ～ 5250 MHz / 5725 ～ 5850 MHz
アンテナ型式 Antenna Type	FPC λ/4 モノポールアンテナ FPC λ/4 Monopole Antenna
最大利得 Peak gain	2.4GHz band : ≦ -0.1dBi 5.2GHz band : ≦ 2.0dBi 5.8GHz band : ≦ 3.4dBi
インピーダンス Impedance	50 ohm

アンテナ位置 Antenna Position

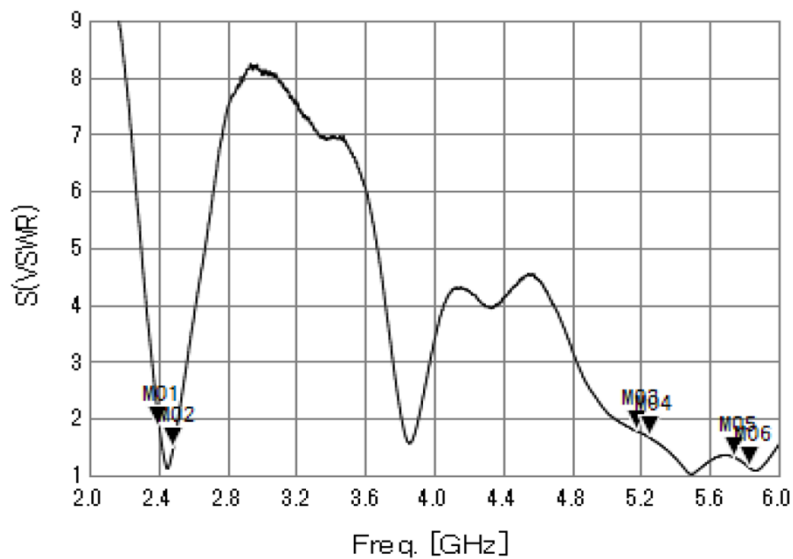


座標定義 Coordinate definition



V.S.W.R.

	周波数[MHz]								
	2400	2450	2500	5150	5200	5250	5725	5787.5	5850
V.S.W.R.	1.8669	1.1456	1.8374	1.8222	1.7577	1.6782	1.354	1.2474	1.1063



利得 Gain

<2.4GHz band>

Frequency [MHz]	2400	2440	2480
Peak gain [dBi]	-0.9	-0.1	-0.7
Efficiency [%]	36.7	42.7	39.4
Average gain[dB]	-7.6	-6.9	-7.4

<W52 band>

Frequency [MHz]	5170	5200	5250
Peak gain [dBi]	1.9	1.8	2.0
Efficiency [%]	42.1	43.6	43.4
Average gain[dB]	-6.7	-6.5	-6.5

<W58 band>

Frequency [MHz]	5745	5765	5785	5805	5825
Peak gain [dBi]	3.4	3.3	3.2	3.0	3.1
Efficiency [%]	41.2	41.3	41.0	39.3	39.2
Average gain[dB]	-6.9	-6.9	-6.9	-7.1	-7.1

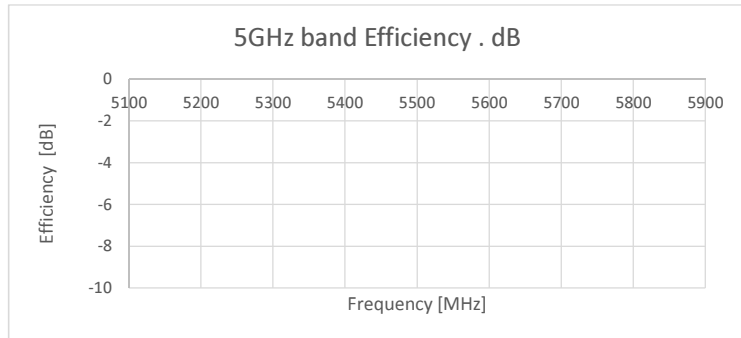
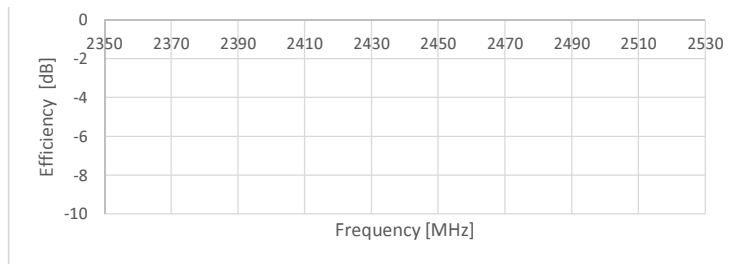
放射効率 Efficiency . dB

Frequency	Efficiency . dB
2360	-5.68723

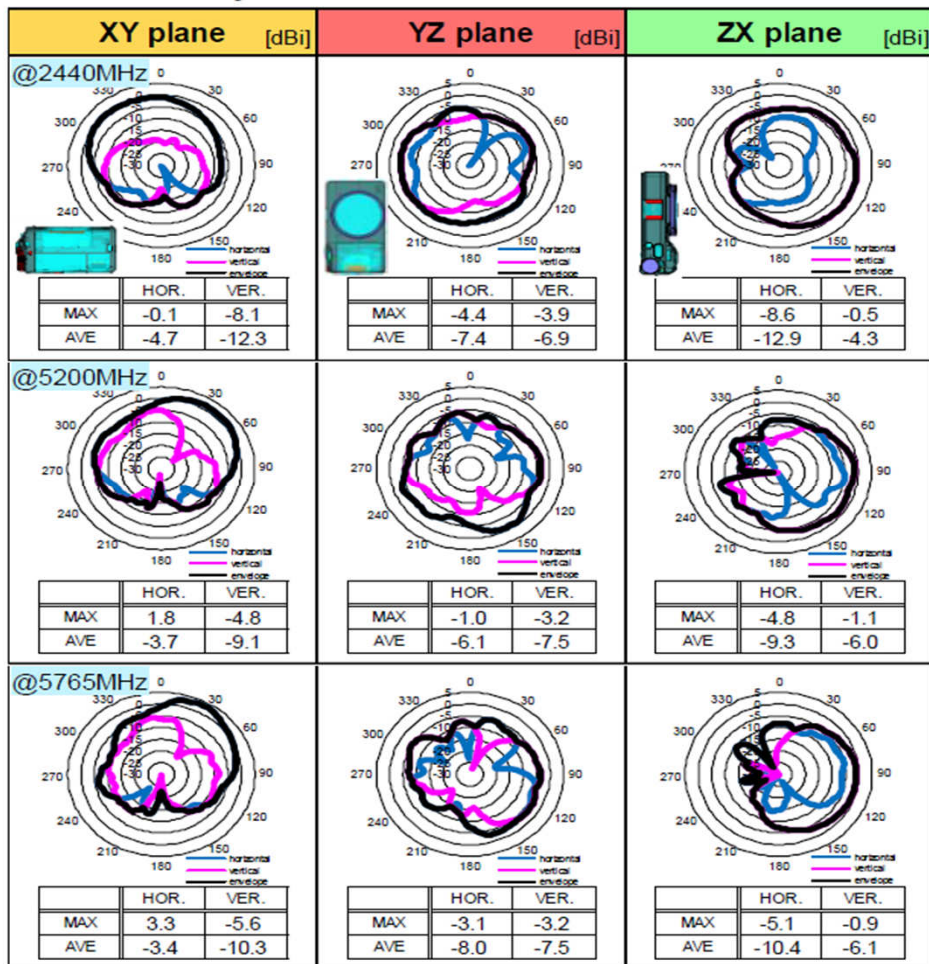
2.4GHz band Efficiency . dB

2.4GHz band	2400	-4.35839
	2440	-3.69435
	2480	-4.04056
	2520	-4.70699

	Frequency	Efficiency . dB
5GHz band	5170	-3.76059
	5200	-3.60442
	5250	-3.62766
	5300	-3.60981
	5350	-3.46473
	5400	-3.37009
	5450	-3.28941
	5500	-3.26934
	5550	-3.36943
	5600	-3.55621
	5650	-3.74031
	5700	-3.85873
	5745	-3.84641
	5765	-3.84093
	5785	-3.87692
	5805	-4.06101
	5825	-4.06971



指向性 Directivity



Over.