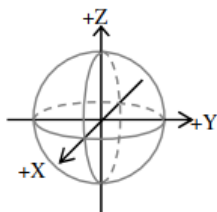


EJ2833 Antenna Description

Measured in Satimo Stargate system at TAIYO YUDEN R&D CENTER.

Appearance and coordinates definition



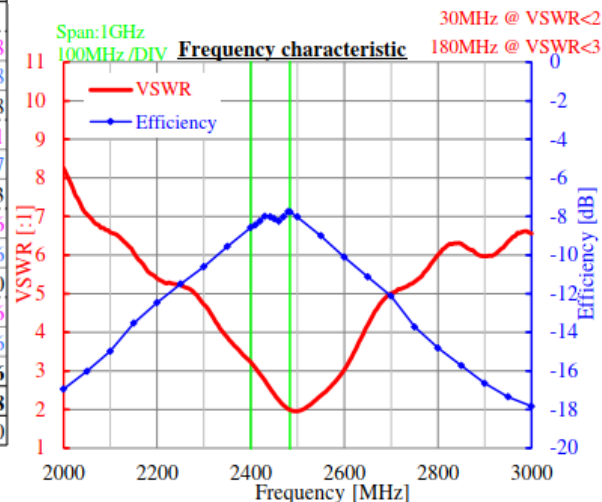
Measurement data of antenna

Frequency [MHz]		@ 2400	@ 2442	@ 2484
Peak gain [dBi]				
3-plane	TX-H	-3.0	-2.8	-1.5
	TX-V	-6.0	-4.7	-4.8
		-3.0	-2.8	-1.5
Average gain [dBi]				
XY-plane	TX-H	-10.3	-9.5	-9.8
	TX-V	-16.8	-16.0	-15.8
	Plus(H,V)	-9.4	-8.6	-8.8
YZ-plane	TX-H	-18.1	-16.7	-17.1
	TX-V	-7.5	-6.9	-6.7
	Plus(H,V)	-7.1	-6.5	-6.3
ZX-plane	TX-H	-9.5	-9.3	-8.6
	TX-V	-18.3	-17.2	-16.6
	Plus(H,V)	-8.9	-8.7	-8.0
3-plane	TX-H	-11.3	-10.8	-10.6
	TX-V	-11.5	-10.8	-10.6
		-8.4	-7.8	-7.6
Efficiency [dB]		-8.6	-8.0	-7.8
VSWR [1]		3.2	2.6	2.0

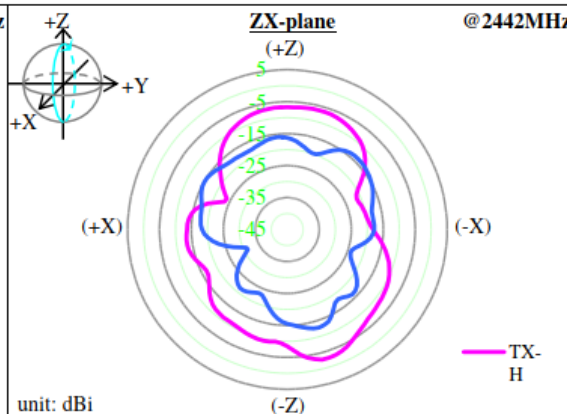
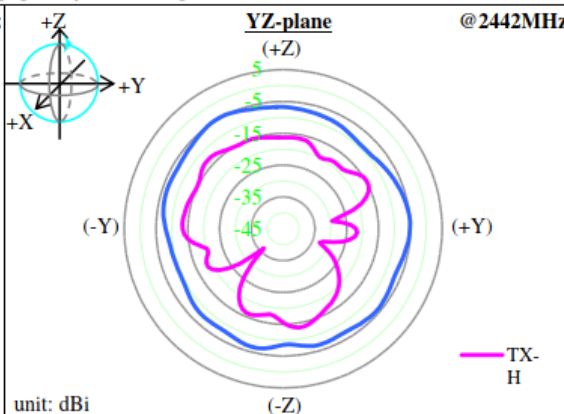
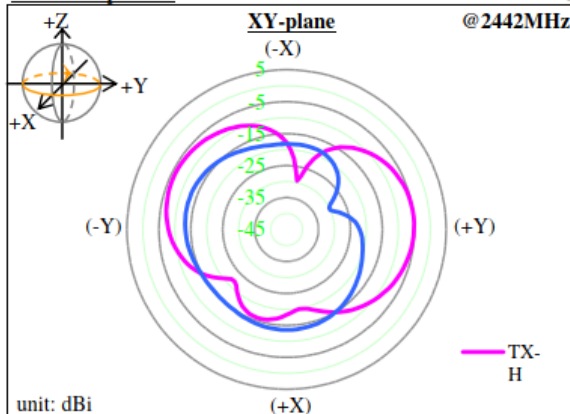
*Note: Peak gain(3-plane)=Peak(XY[H],XY[V],YZ[H],YZ[V],ZX[H],ZX[V])

*Note:The value is average value in 1 round of each inclination direction angle.

*Note: Average gain(3-plane)=Average(XY[Plus(H,V)],YZ[Plus(H,V)],ZX[Plus(H,V)])



Radiation pattern



20141224M0944