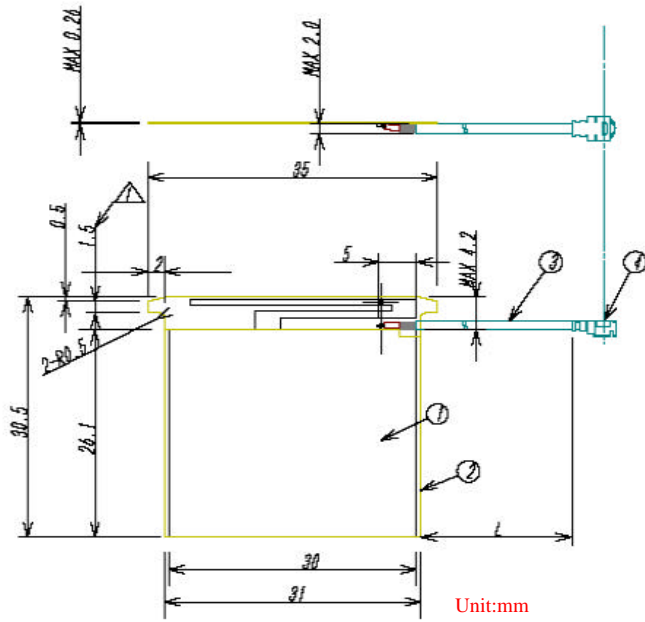


Regulatory WLAN Antenna Information TIAN01

Toshiba Corporation

include a dimensioned photo or dimensioned drawing of aux antenna here.



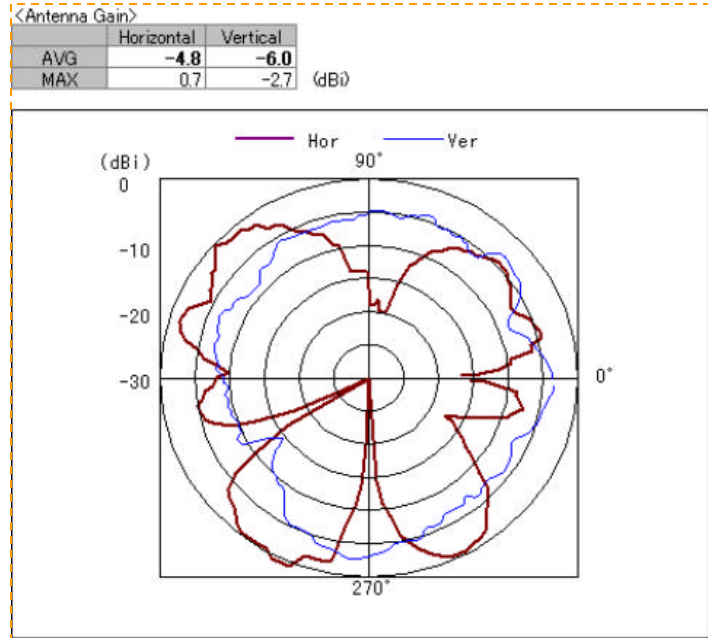
Unit:mm

No.	DESCRIPTION
①	an original antenna manufactured by M/SSEI(TOKUGAWA2002-287874)
②	Insulation film
③	High frequency coaxial cable RF-NF5D21
④	Connector

Section 3. Radiation characteristics of antennae Loaded in Host Platform

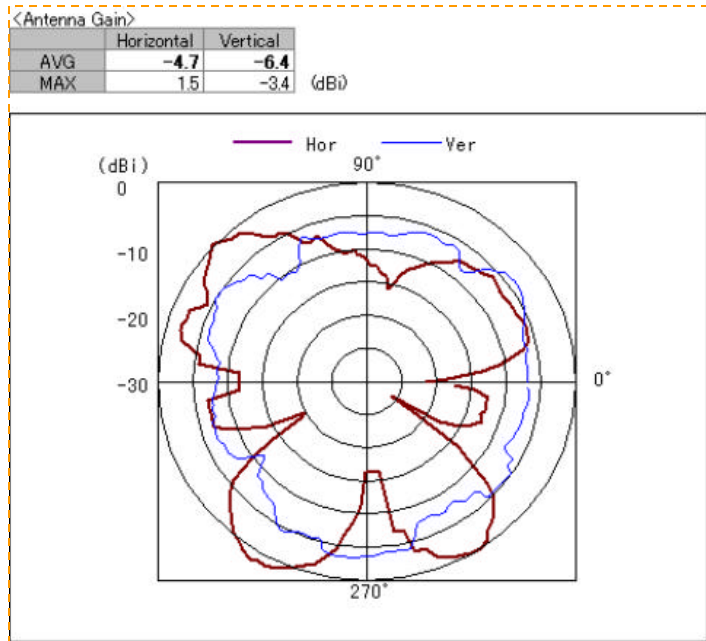
1400-2500MHz radiation characteristic

Main antenna: 2400 MHz



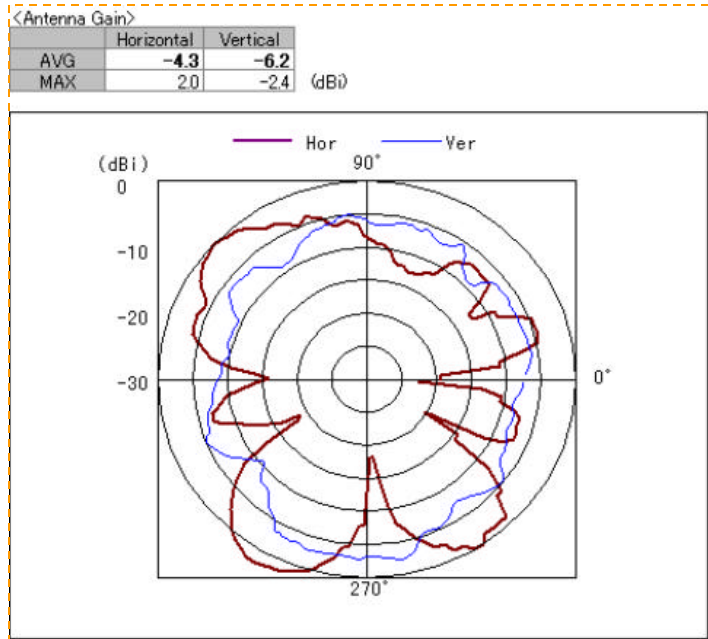
Center Frequency	2400 MHz
Horizontal (dBi) peak	0.7
Vertical (dBi) peak	-2.7
Horz+Vert (dBi) peak	0.7

Main antenna: 2450 MHz



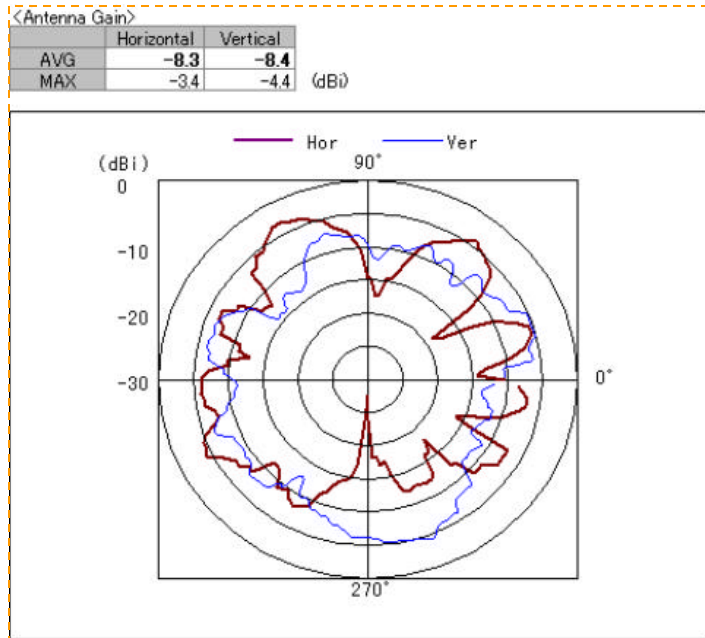
Center Frequency	2450 MHz
Horizontal (dBi) peak	1.5
Vertical (dBi) peak	-3.4
Horz+Vert (dBi) peak	1.5

Main antenna: 2500 MHz



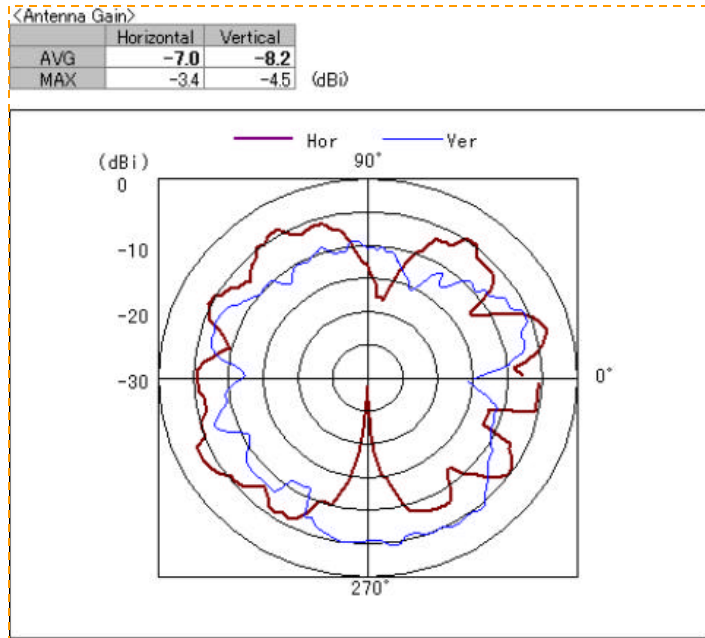
Center Frequency	2500 MHz
Horizontal (dBi) peak	2.0
Vertical (dBi) peak	-2.4
Horz+Vert (dBi) peak	2.0

Auxiliary antenna: 2400 MHz



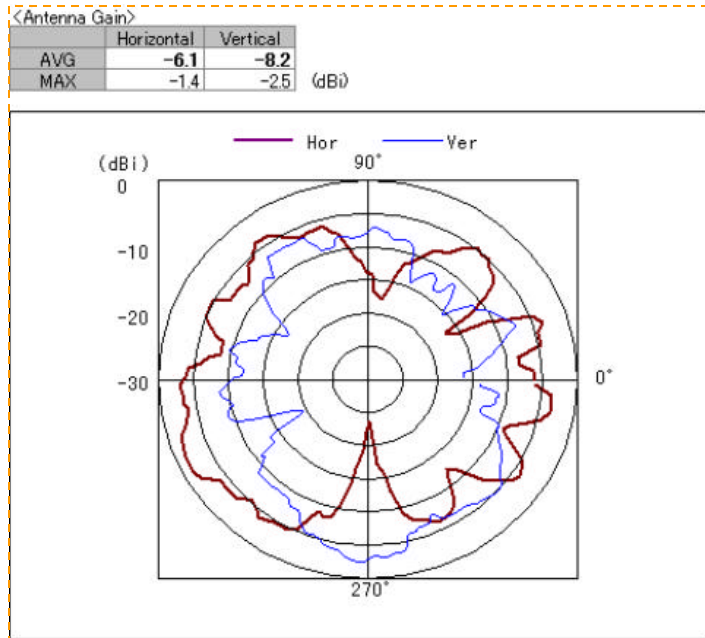
Center Frequency	2400 MHz
Horizontal (dBi) peak	-3.4
Vertical (dBi) peak	-4.4
Horz+Vert (dBi) peak	-3.4

Auxiliary antenna : 2450 MHz



Center Frequency	2450 MHz
Horizontal (dBi) peak	-3.4
Vertical (dBi) peak	-4.5
Horz+Vert (dBi) peak	-3.4

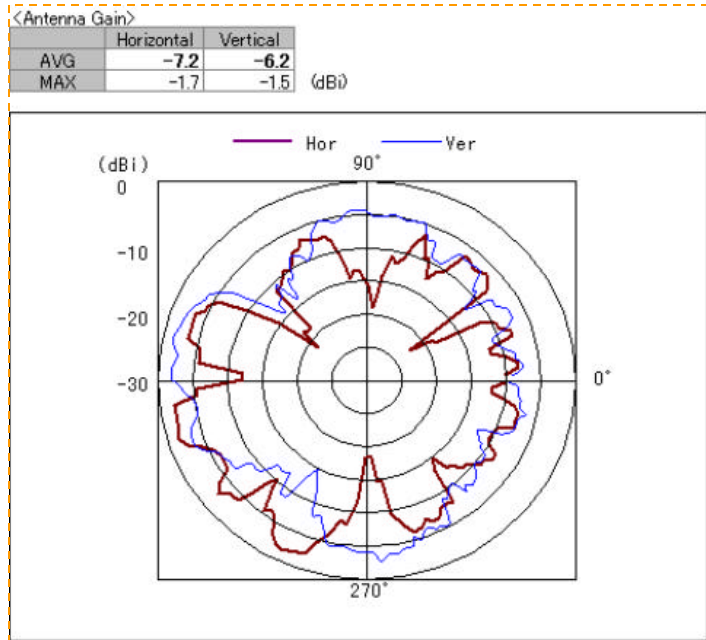
Auxiliary antenna : 2500 MHz



Center Frequency	2500 MHz
Horizontal (dBi) peak	-1.4
Vertical (dBi) peak	-2.5
Horz+Vert (dBi) peak	-1.4

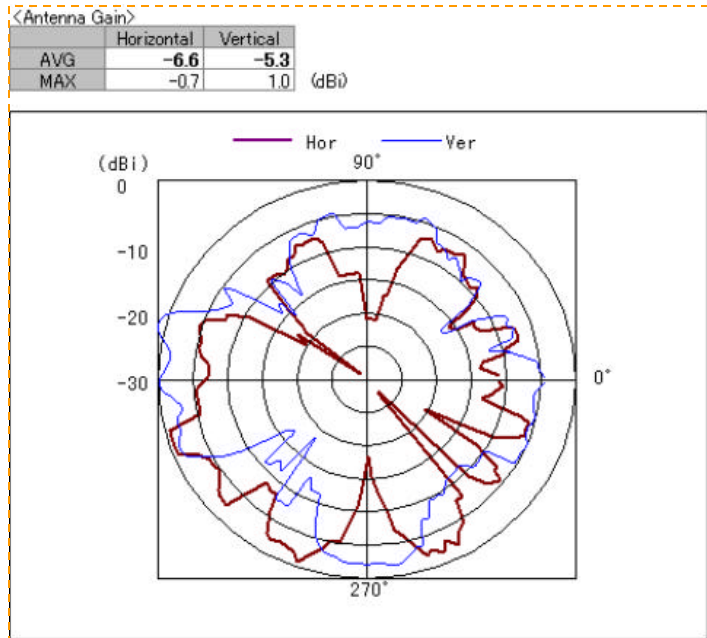
i150-5350 MHz radiation characteristic

Main antenna: 5150 MHz



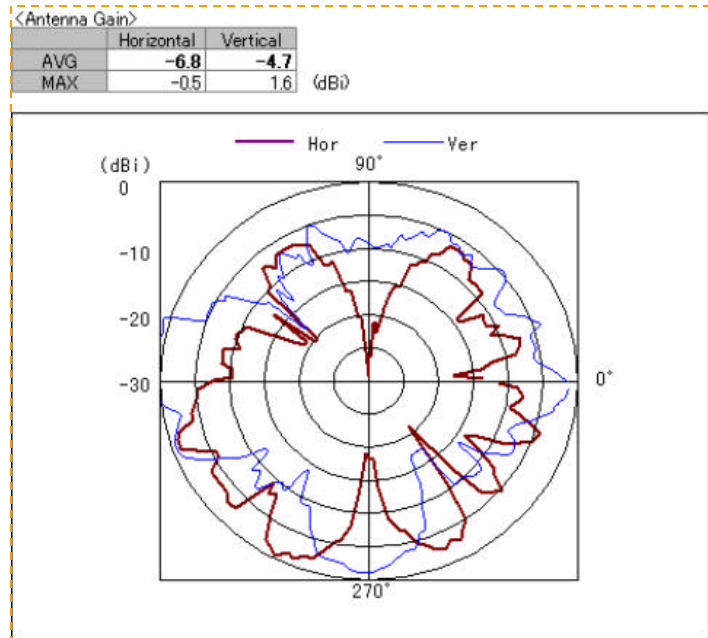
Center Frequency	5150 MHz
Horizontal (dBi) peak	-1.7
Vertical (dBi) peak	-1.5
Horz+Vert (dBi) peak	-1.5

Main antenna: 5250 MHz



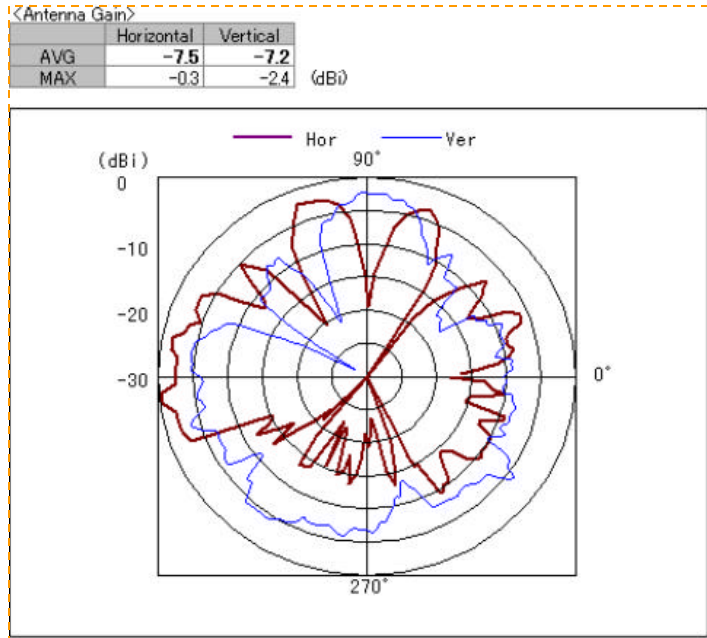
Center Frequency	5250 MHz
Horizontal (dBi) peak	-0.7
Vertical (dBi) peak	1.0
Horz+Vert (dBi) peak	1.0

Main antenna: 5350 MHz



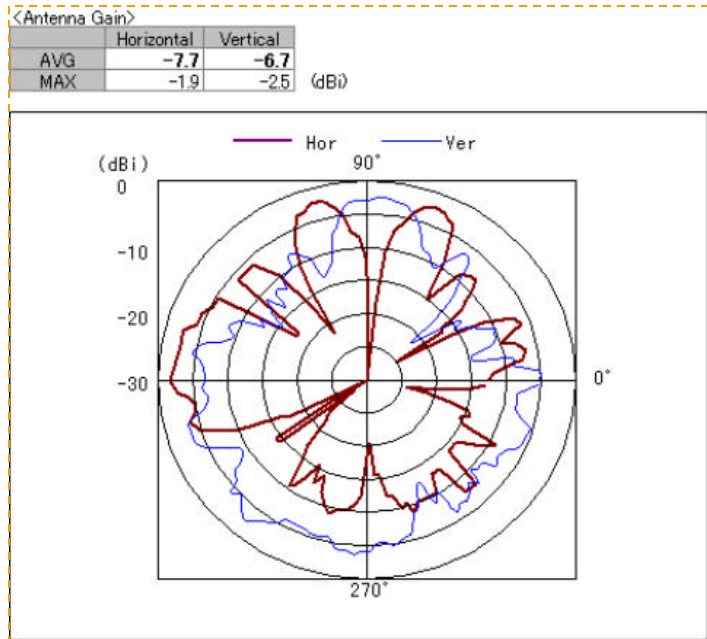
Center Frequency	5350 MHz
Horizontal (dBi) peak	-0.5
Vertical (dBi) peak	1.6
Horz+Vert (dBi) peak	1.6

Auxiliary antenna: 5150 MHz



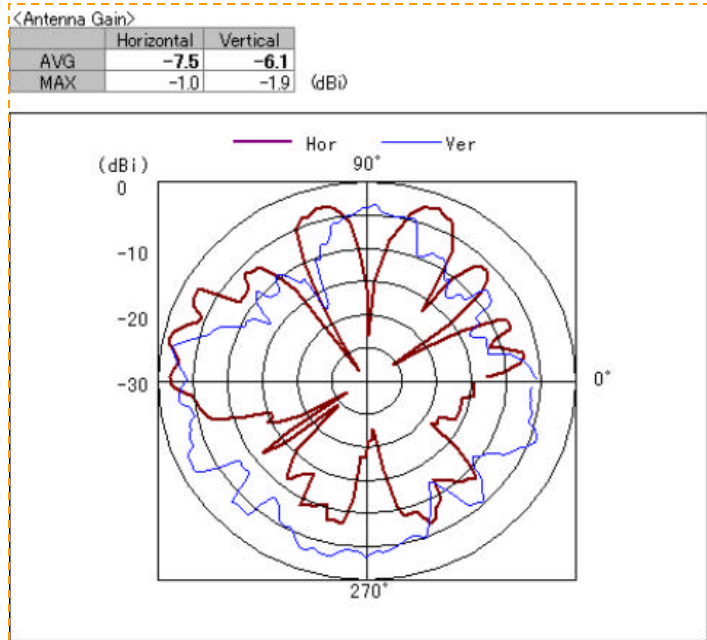
Center Frequency	5150 MHz
Horizontal (dBi) peak	-0.3
Vertical (dBi) peak	-2.4
Horz+Vert (dBi) peak	-0.3

Auxiliary antenna : 5250 MHz



Center Frequency	5250 MHz
Horizontal (dBi) peak	-1.9
Vertical (dBi) peak	-2.5
Horz+Vert (dBi) peak	-1.9

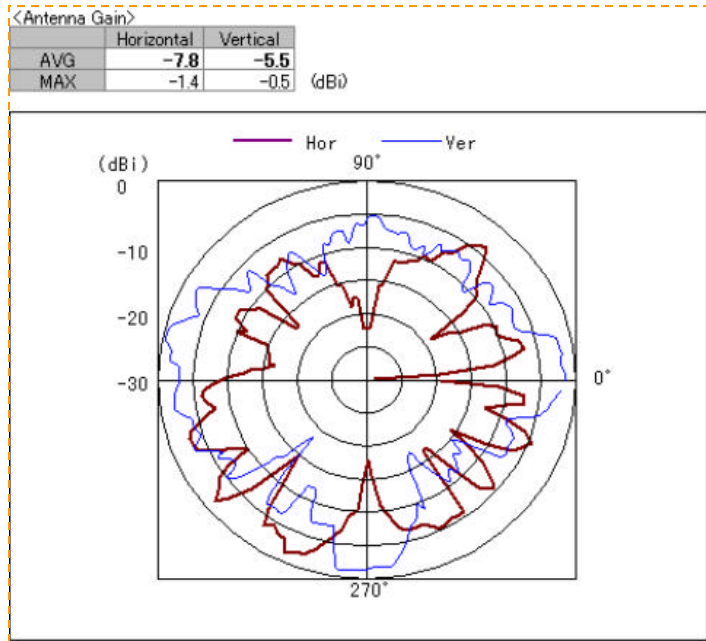
Auxiliary antenna : 5350 MHz



Center Frequency	5350 MHz
Horizontal (dBi) peak	-1.0
Vertical (dBi) peak	-1.9
Horz+Vert (dBi) peak	-1.0

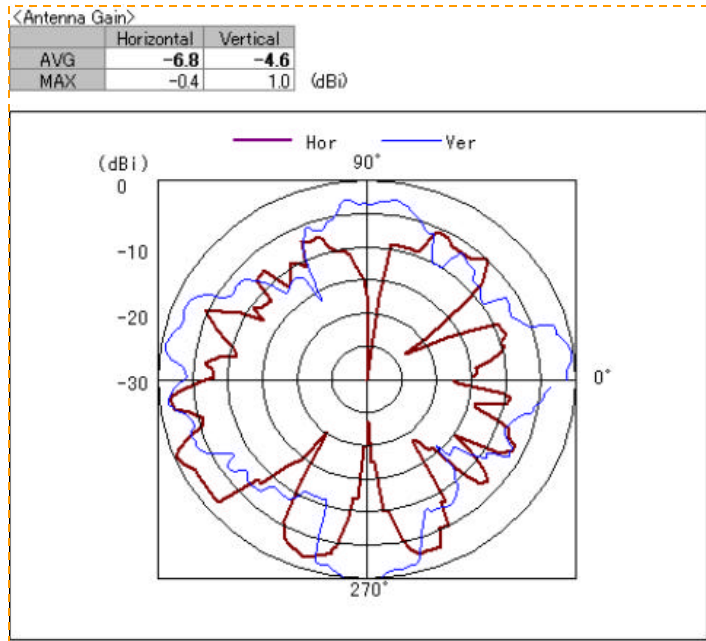
i470-5725MHz radiation characteristic

Main antenna: 5470 MHz



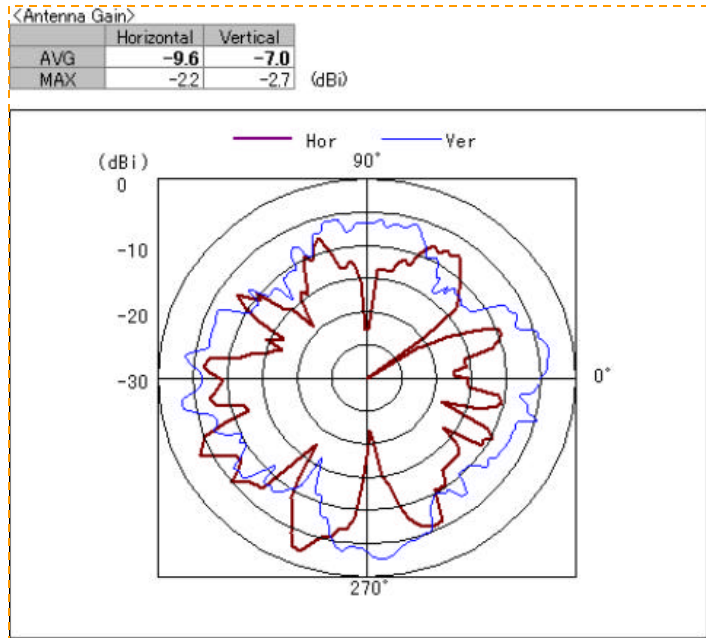
Center Frequency	5470 MHz
Horizontal (dBi) peak	-1.4
Vertical (dBi) peak	-0.5
Horz+Vert (dBi) peak	-0.5

Main antenna: 5597.5 MHz



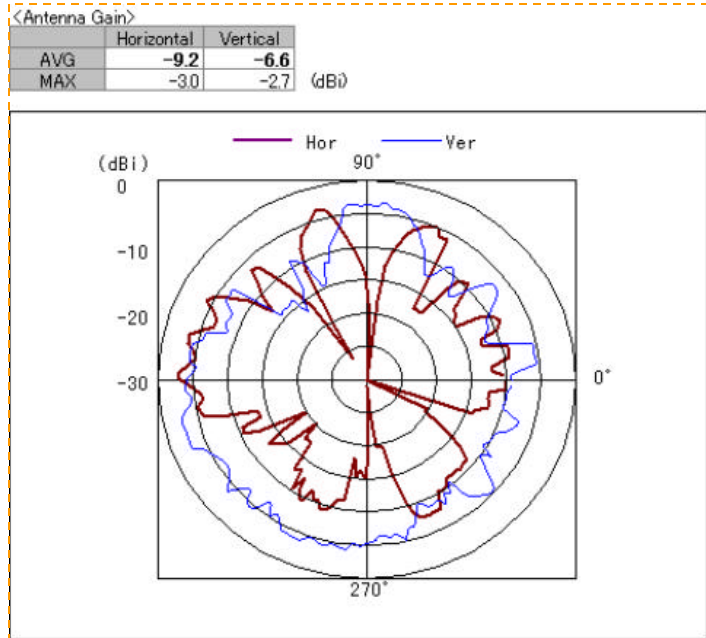
Center Frequency	5597.5 MHz
Horizontal (dBi) peak	1.0
Vertical (dBi) peak	-0.4
Horz+Vert (dBi) peak	1.0

Main antenna: 5725 MHz



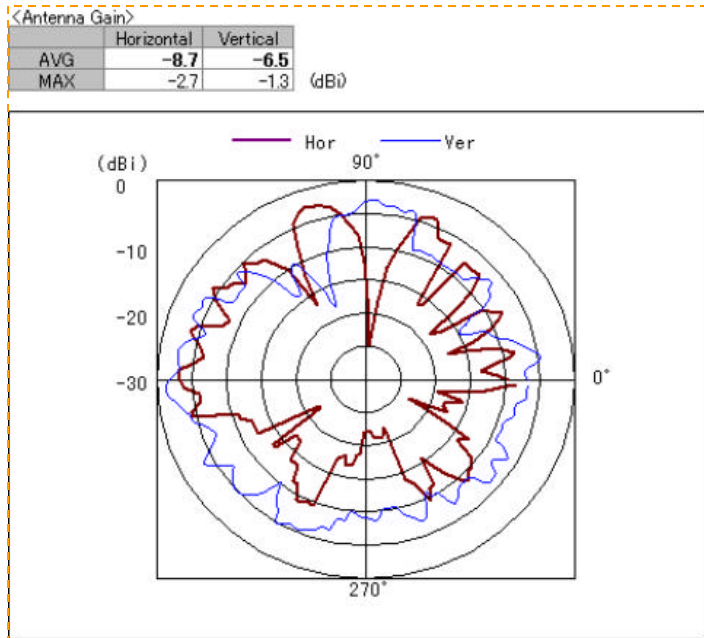
Center Frequency	5725 MHz
Horizontal (dBi) peak	-2.2
Vertical (dBi) peak	-2.7
Horz+Vert (dBi) peak	-2.2

Auxiliary antenna : 5470 MHz



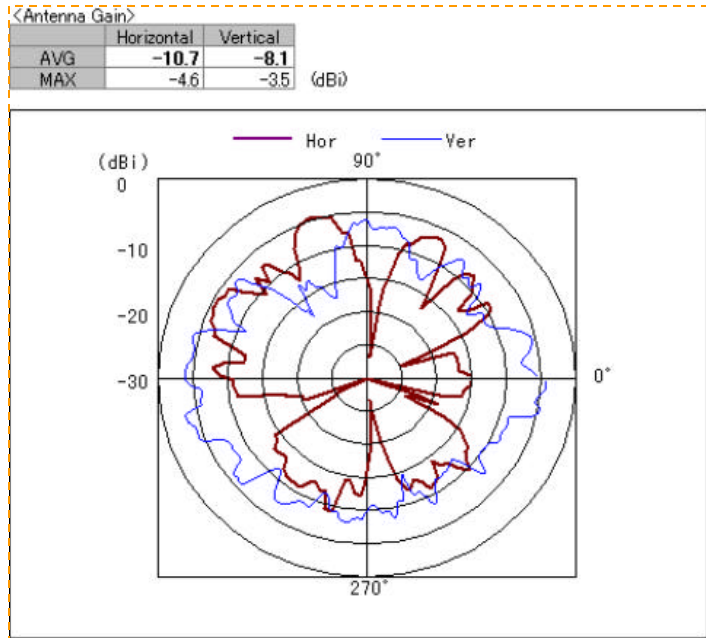
Center Frequency	5470 MHz
Horizontal (dBi) peak	-3.0
Vertical (dBi) peak	-2.7
Horz+Vert (dBi) peak	-2.7

Auxiliary antenna : 5597.5 MHz



Center Frequency	5597.5 MHz
Horizontal (dBi) peak	-2.7
Vertical (dBi) peak	-1.3
Horz+Vert (dBi) peak	-1.3

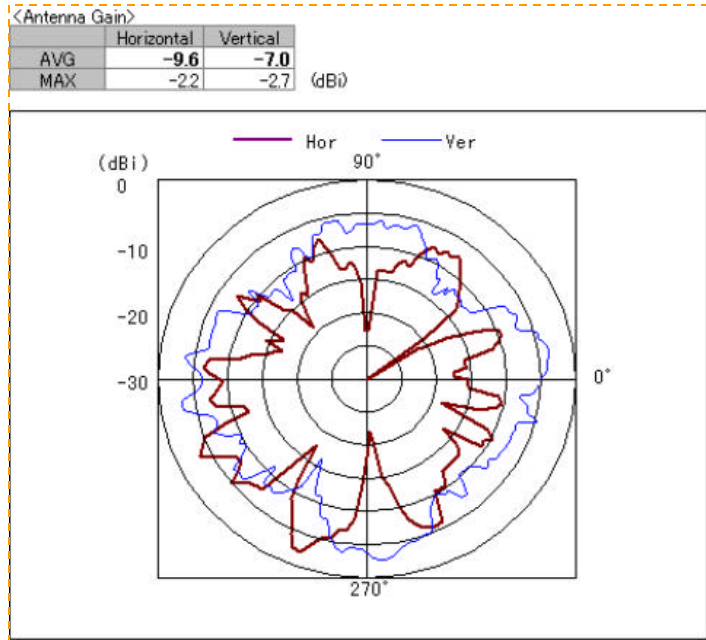
Auxiliary antenna : 5725 MHz



Center Frequency	5725 MHz
Horizontal (dBi) peak	-4.6
Vertical (dBi) peak	-3.5
Horz+Vert (dBi) peak	-3.5

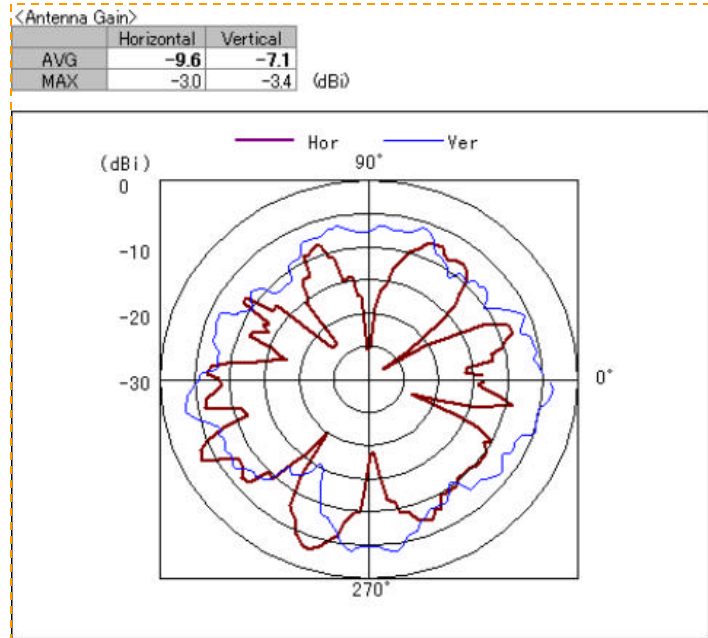
i725-5850 MHz radiation characteristic

Main antenna: 5725 MHz



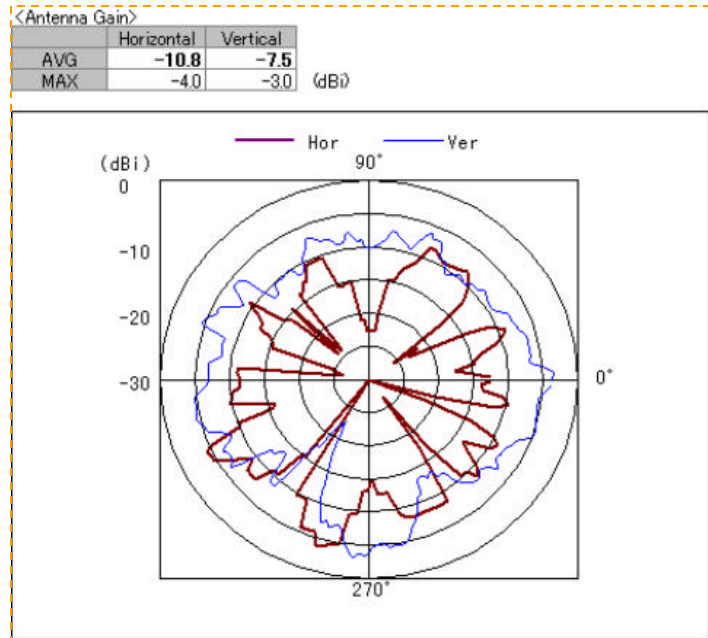
Center Frequency	5725 MHz
Horizontal (dBi) peak	-2.2
Vertical (dBi) peak	-2.7
Horz+Vert (dBi) peak	-2.2

Main antenna: 5785 MHz



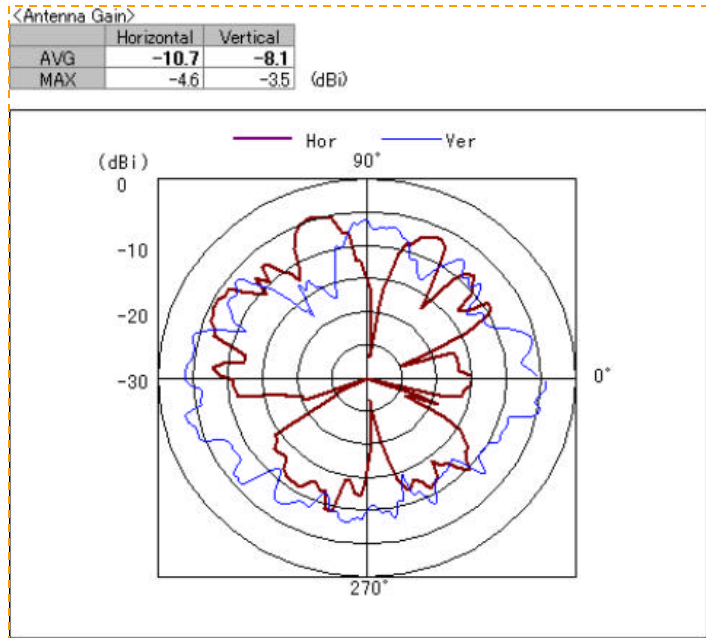
Center Frequency	5785 MHz
Horizontal (dBi) peak	-3.0
Vertical (dBi) peak	-3.4
Horz+Vert (dBi) peak	-3.0

Main antenna: 5850 MHz



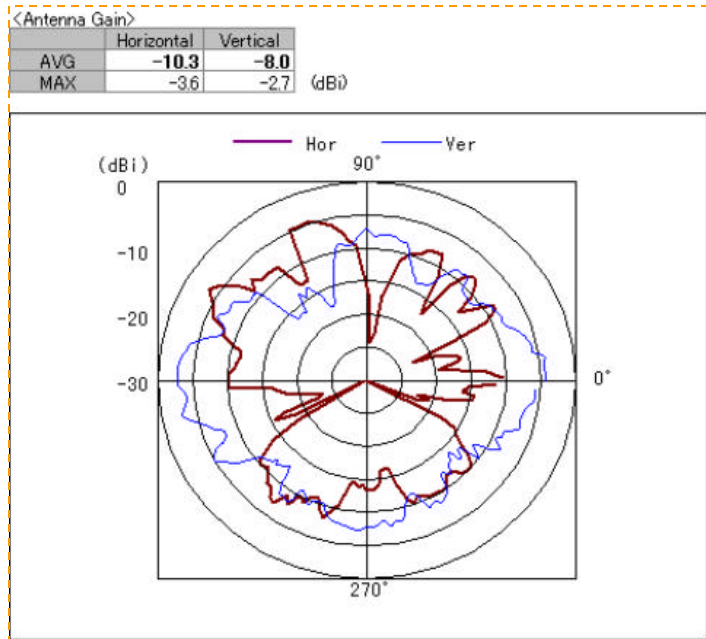
Center Frequency	5850 MHz
Horizontal (dBi) peak	-4.0
Vertical (dBi) peak	-3.0
Horz+Vert (dBi) peak	-3.0

Auxiliary antenna : 5725 MHz



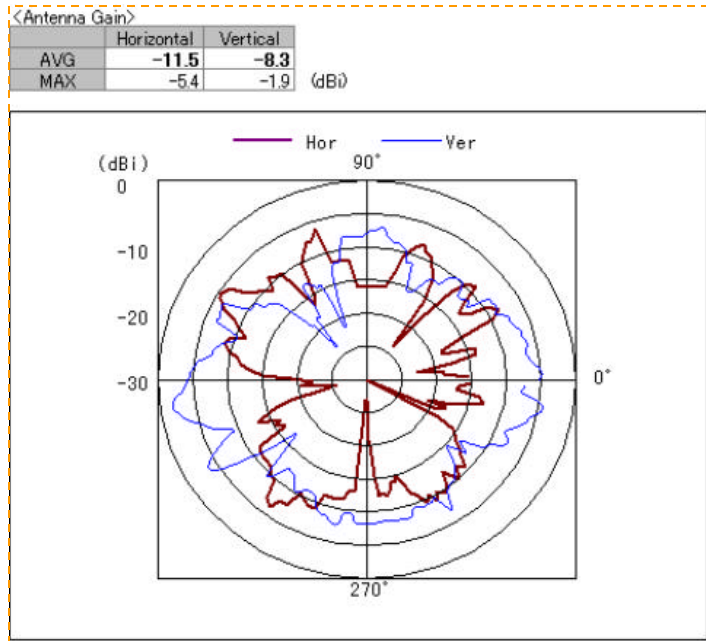
Center Frequency	5725 MHz
Horizontal (dBi) peak	-4.6
Vertical (dBi) peak	-3.5
Horz+Vert (dBi) peak	-3.5

Auxiliary antenna : 5785 MHz



Center Frequency	5785 MHz
Horizontal (dBi) peak	-3.6
Vertical (dBi) peak	-2.7
Horz+Vert (dBi) peak	-2.7

Auxiliary antenna : 5850 MHz



Center Frequency	5850 MHz
Horizontal (dBi) peak	-5.4
Vertical (dBi) peak	-1.9
Horz+Vert (dBi) peak	-1.9