

Antenna characteristic data

アンテナ特性データ

STDANTEMD-013

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1. 製品名 model name

STDANTEMD-013

2. 仕様 Specification

型式 Type	$\lambda/2$ ダイポールタイプ $\lambda/2$ dipole type	
周波数範囲 Frequency Range	2400～2500MHz／5150～5850MHz／5925～7125MHz	
インピーダンス Impedance	50 Ω	
最大利得(※) Maximum gain	2400～2500MHz	1.9dBi
	5150～5850MHz	2.8dBi
	5925～7125MHz	1.4dBi
偏波 Polarization	直線偏波 Linear polarization	
アンテナサイズ Size	36x8mm	
コネクタ Connector	MHF	

※厚み2mmのABS板上で測定

Measured on a 2 mm thick ABS plate.

3. 最大利得測定結果 Maximum gain measurement result

周波数[MHz] Frequency	2400	2450	2500
最大利得[dBi] Maximum gain	0.9	0.2	1.9

周波数[MHz] Frequency	5150	5250	5350	5450	5550	5650	5750	5850
最大利得[dBi] Maximum gain	2.5	2.8	2.1	1.9	1.7	1.5	2.7	1.9

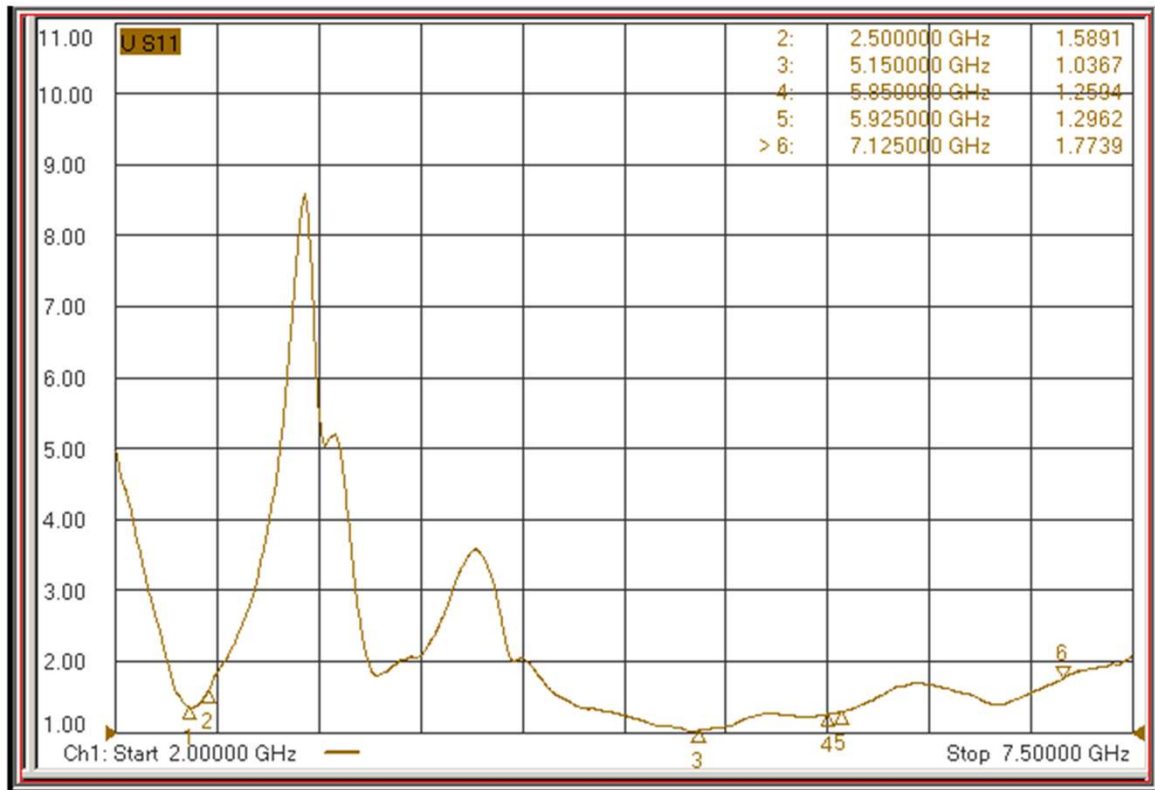
周波数[MHz] Frequency	5925	6025	6125	6175	6325	6425	6525	6675
最大利得[dBi] Maximum gain	0.7	0.7	1.4	0.2	-0.2	0.8	0.8	1.3

周波数[MHz] Frequency	6775	6875	6925	7025	7125
最大利得[dBi] Maximum gain	0.4	1.0	0.5	0.7	1.3

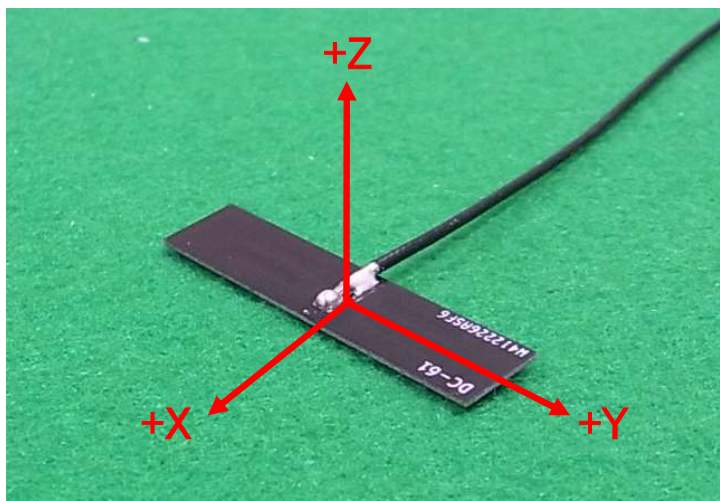
※厚み2mmのABS板上で測定

Measured on a 2 mm thick ABS plate.

4. VSWR



5. 測定座標軸 Measurement coordinate axis



6-1. 指向特性 Directivity

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2450MHz



水平偏波

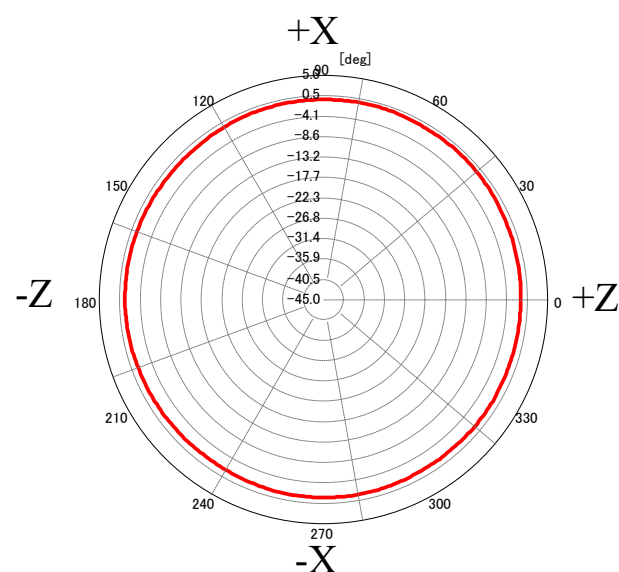
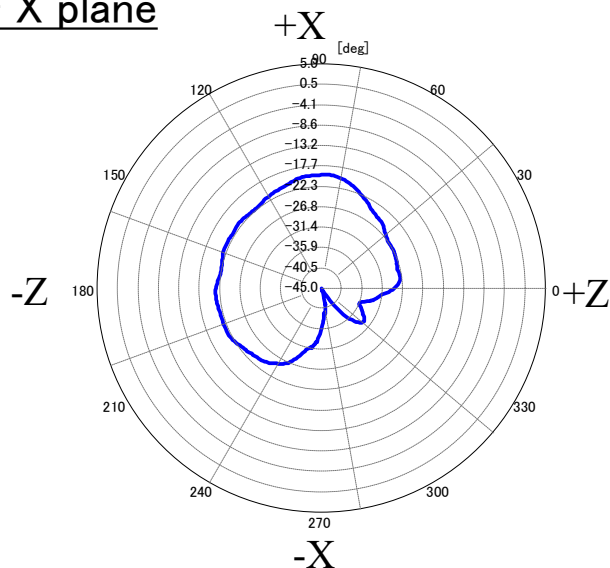
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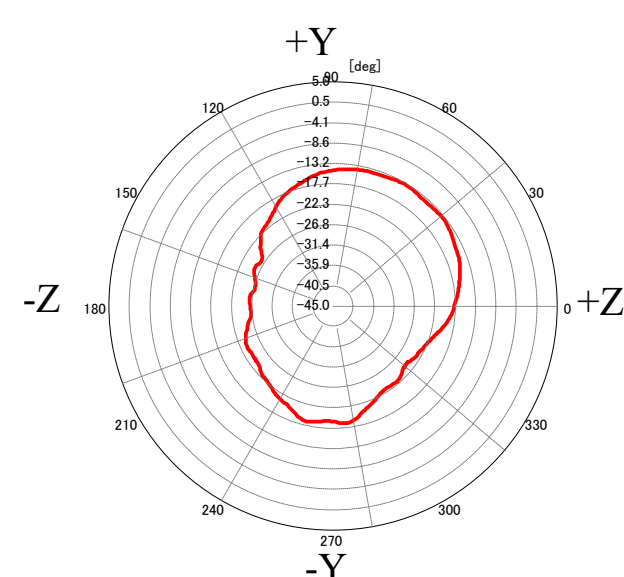
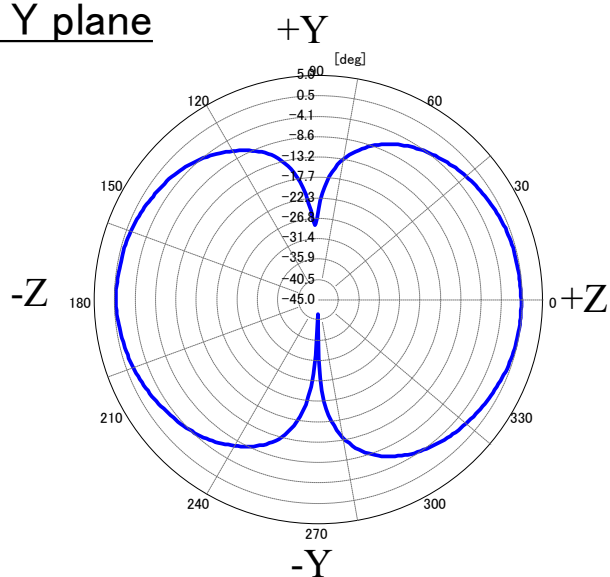
垂直偏波

Vertical polarization

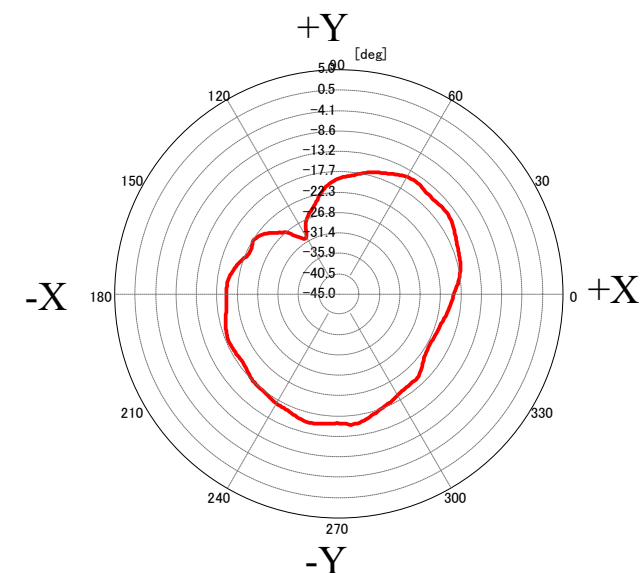
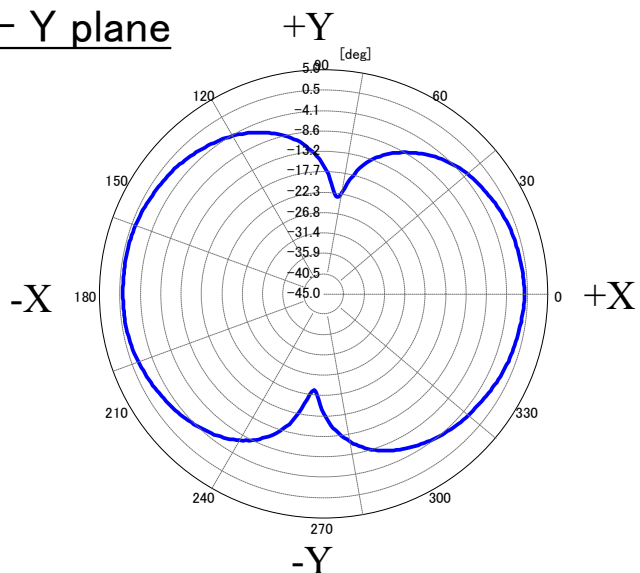
Z- X plane



Z- Y plane



X- Y plane



6-1. 指向特性 5150MHz

Directivity



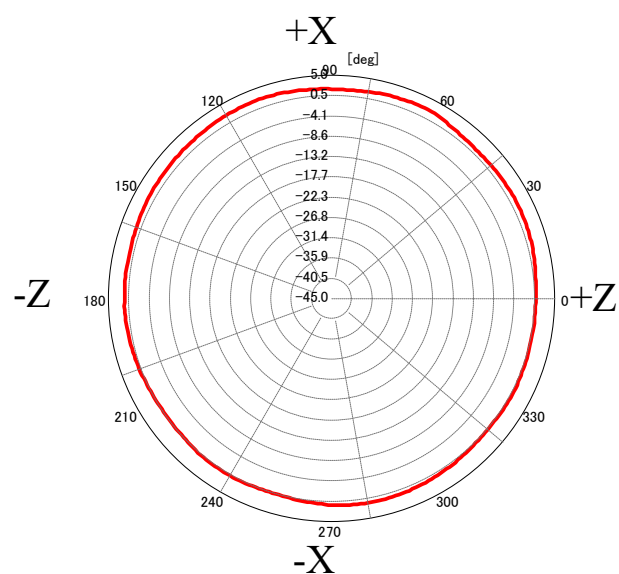
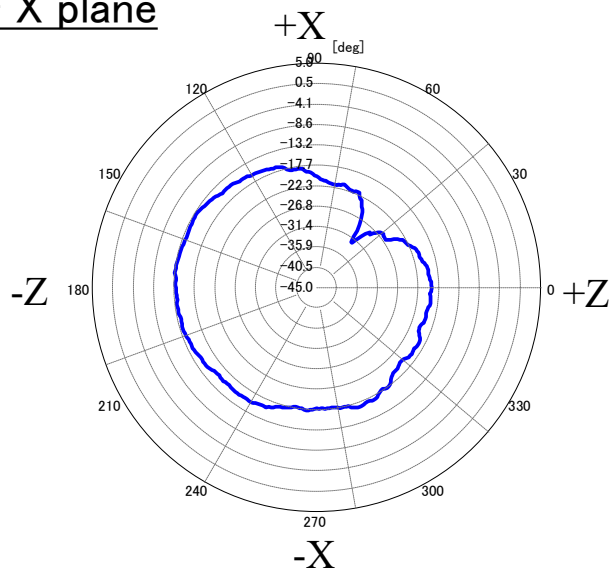
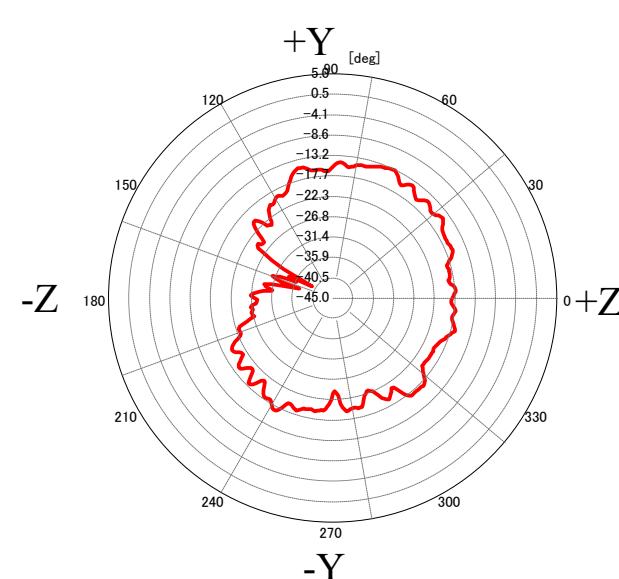
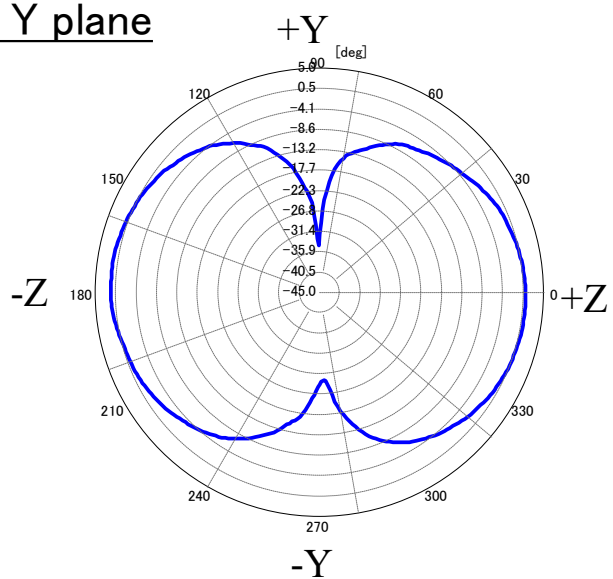
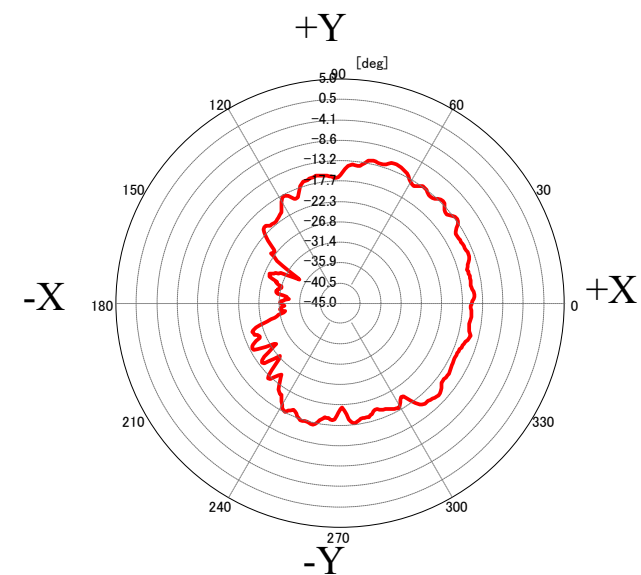
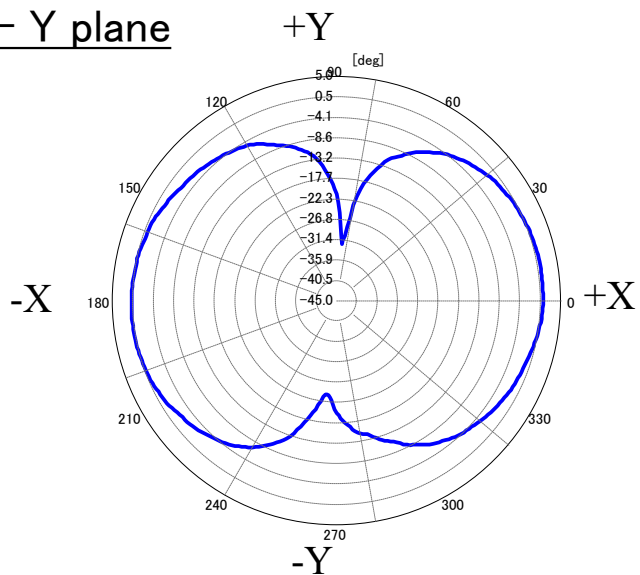
水平偏波

Horizontal polarization



垂直偏波

Vertical polarization

Z- X planeZ- Y planeX- Y plane

6-1. 指向特性 5350MHz

Directivity



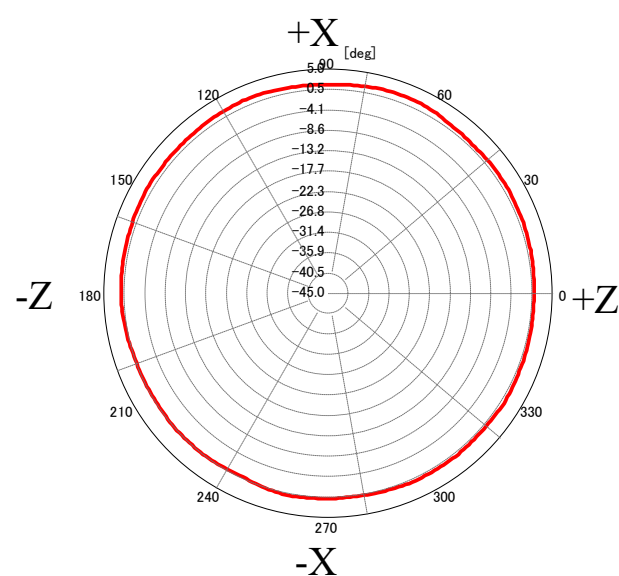
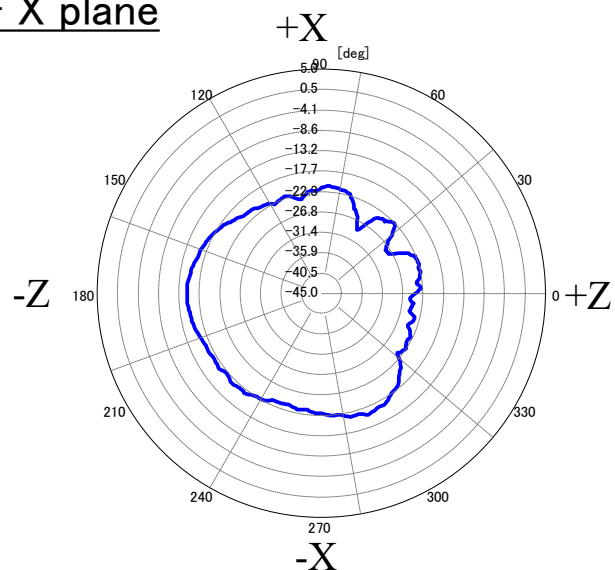
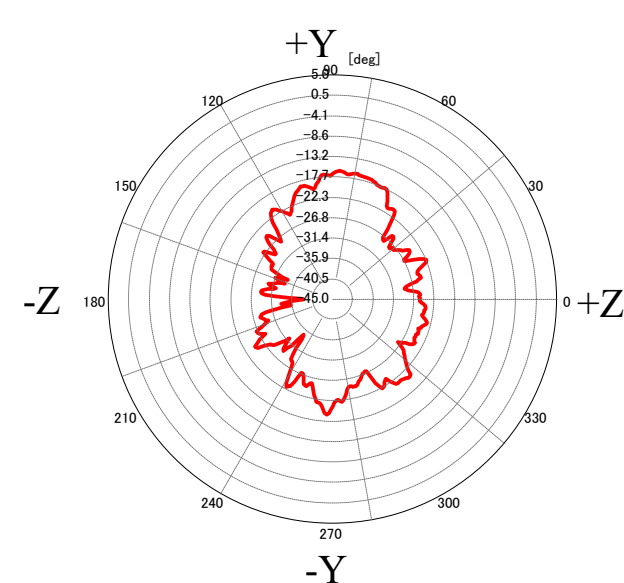
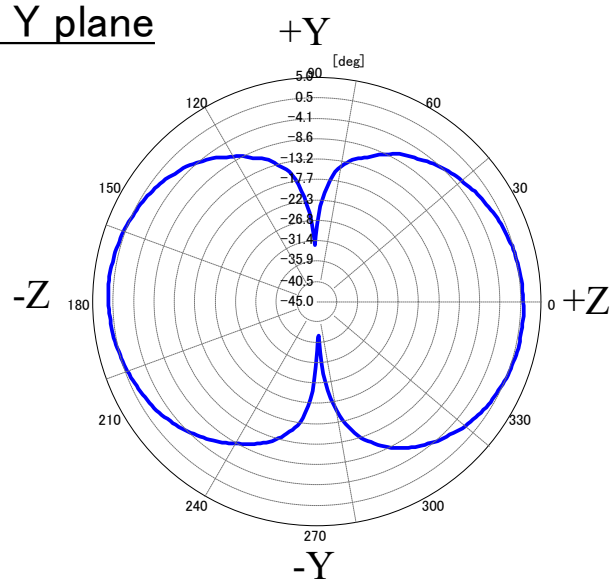
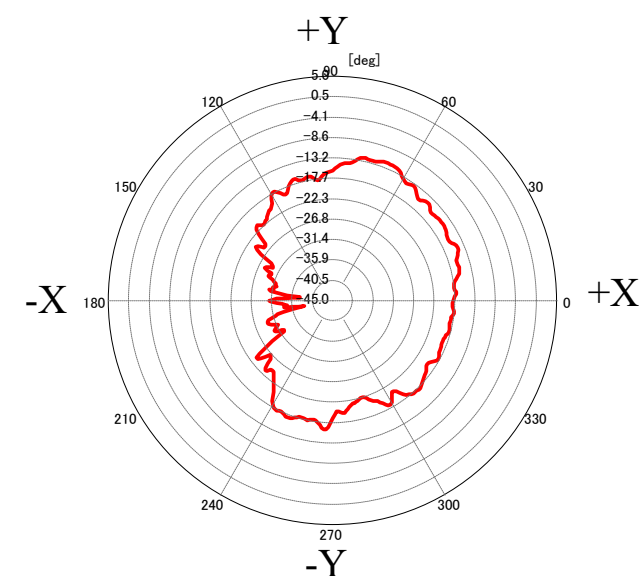
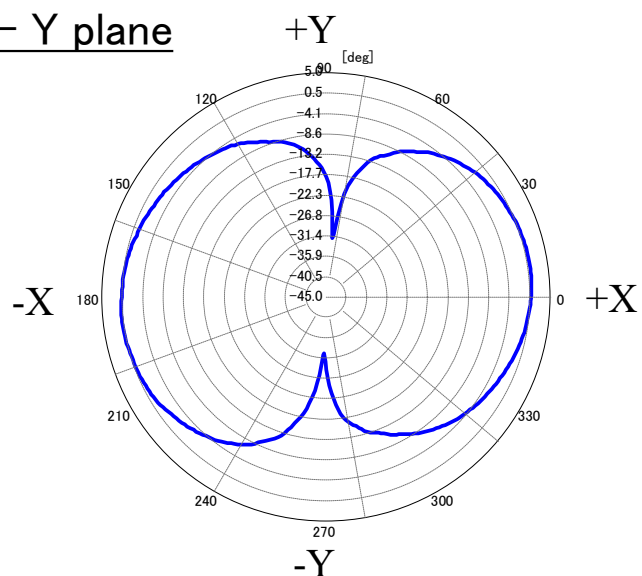
水平偏波

Horizontal polarization



垂直偏波

Vertical polarization

Z- X planeZ- Y planeX- Y plane

6-1. 指向特性 5650MHz

Directivity



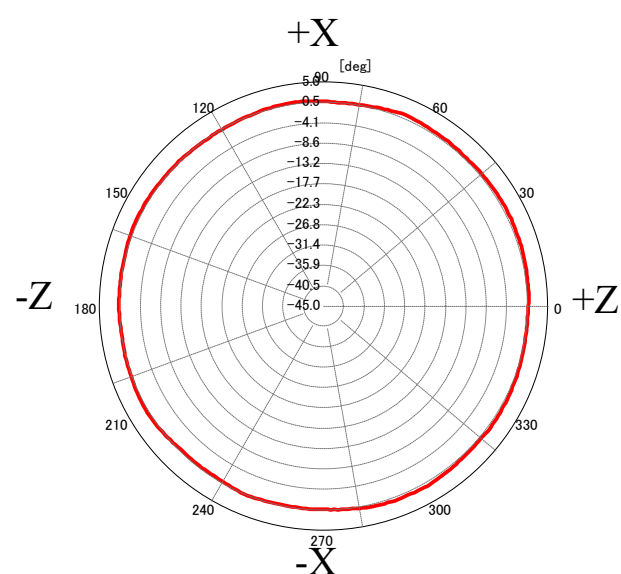
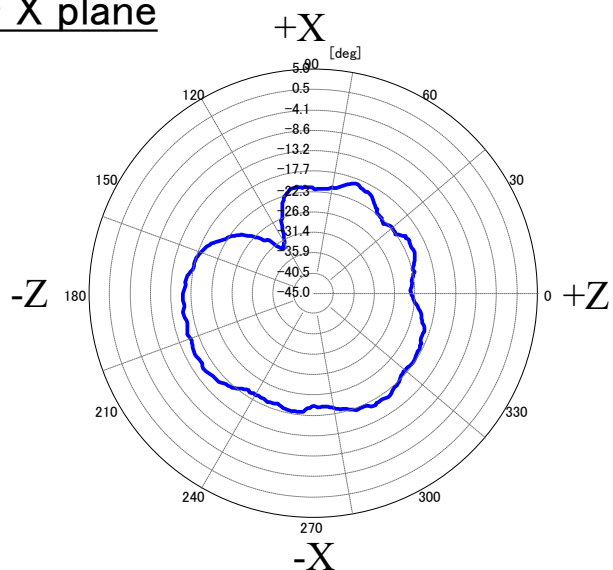
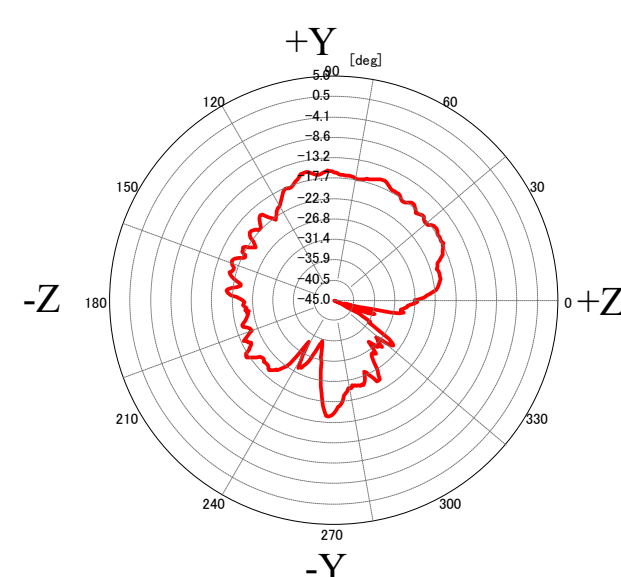
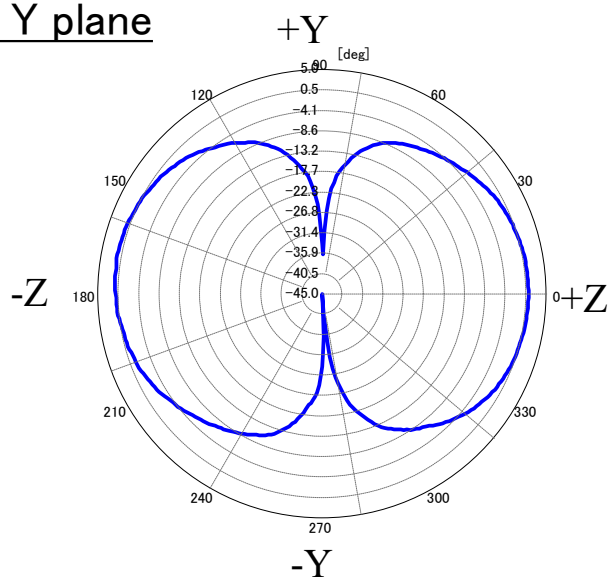
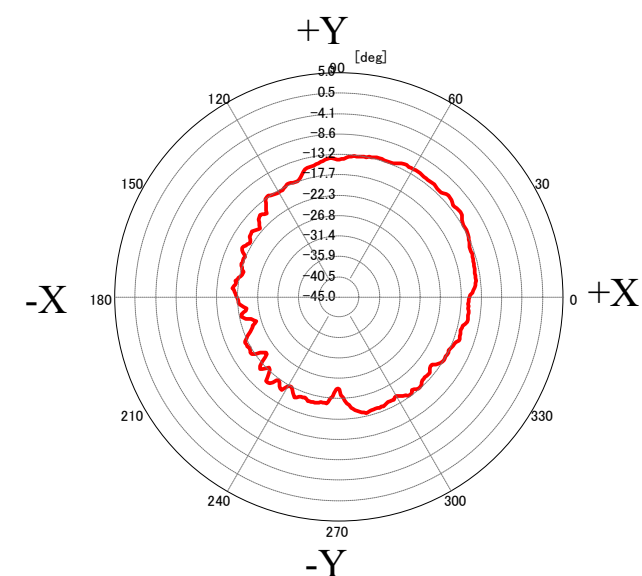
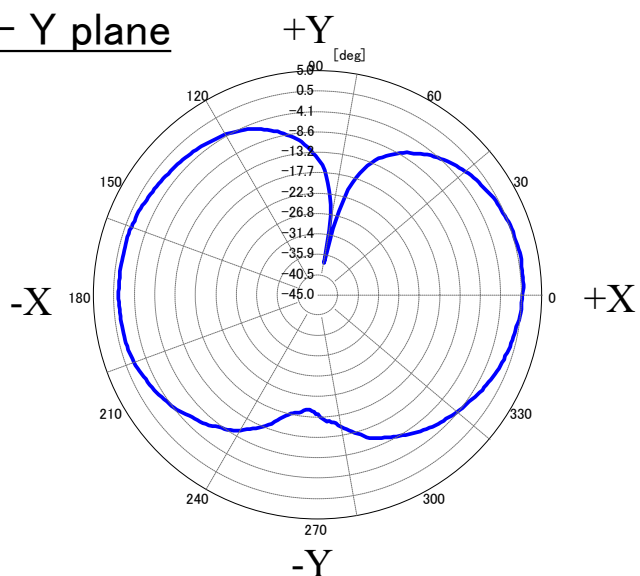
水平偏波

Horizontal polarization



垂直偏波

Vertical polarization

Z- X planeZ- Y planeX- Y plane

6-1. 指向特性 5850MHz

Directivity



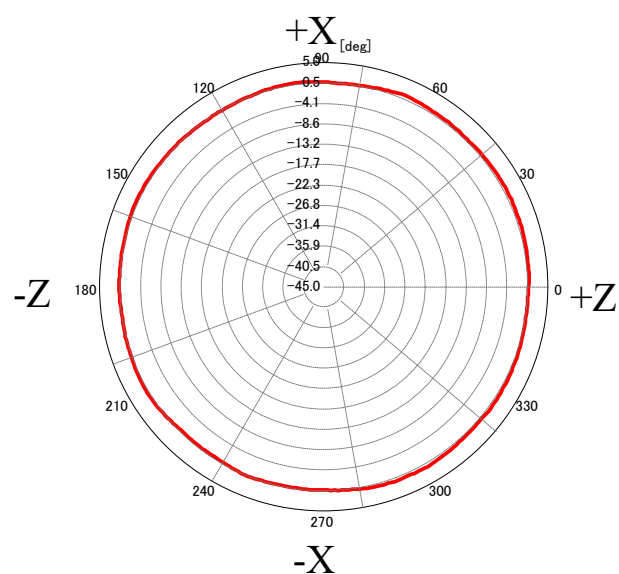
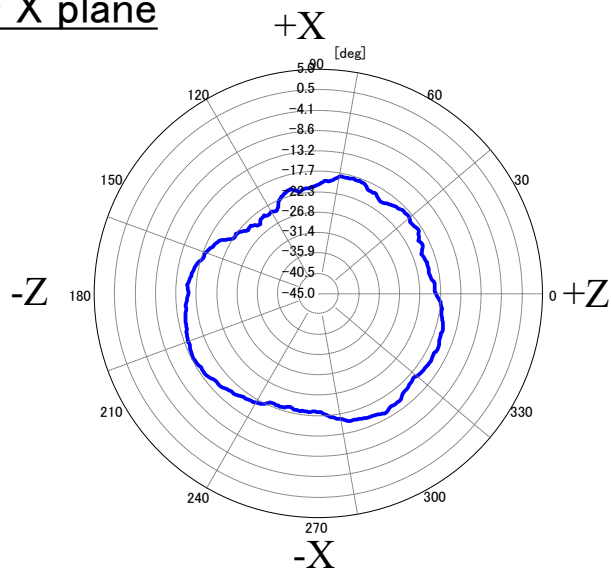
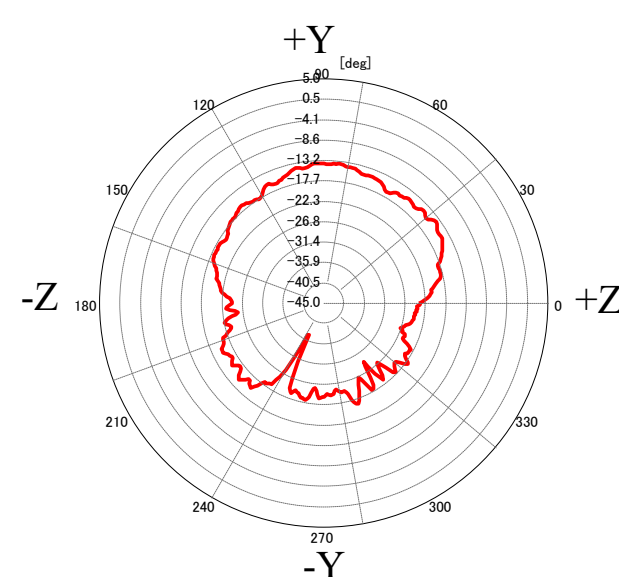
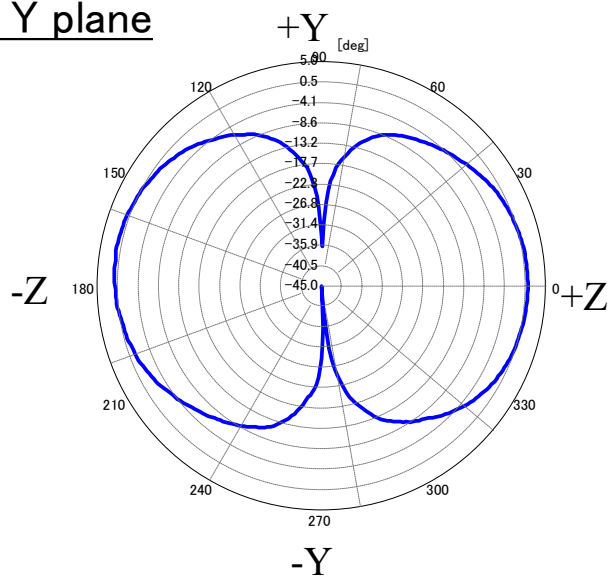
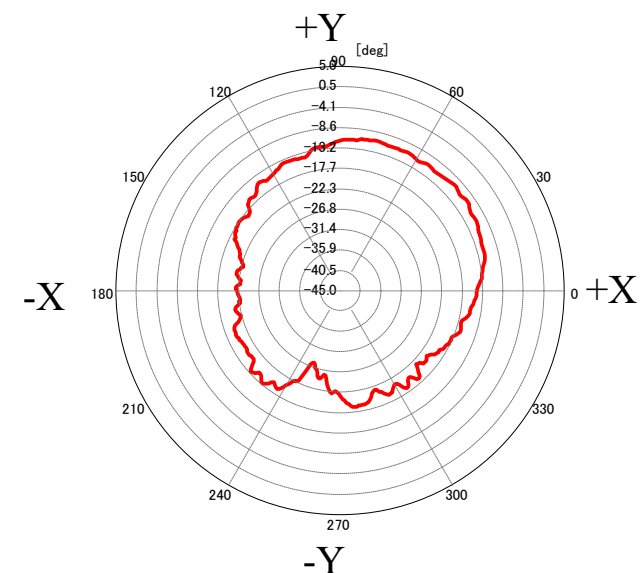
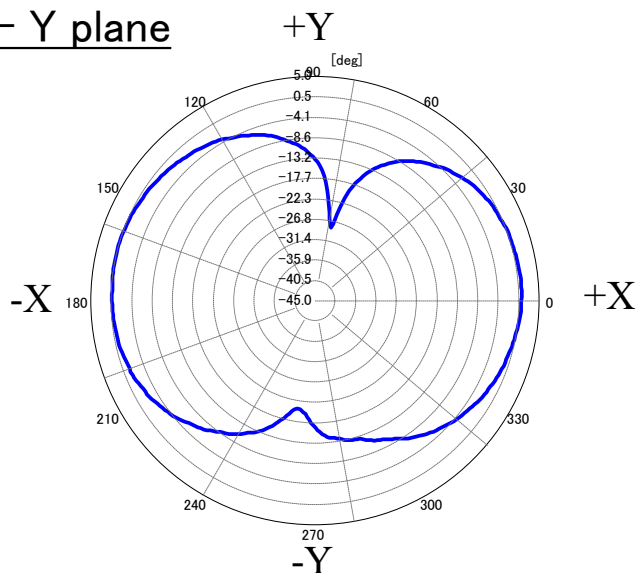
水平偏波

Horizontal polarization



垂直偏波

Vertical polarization

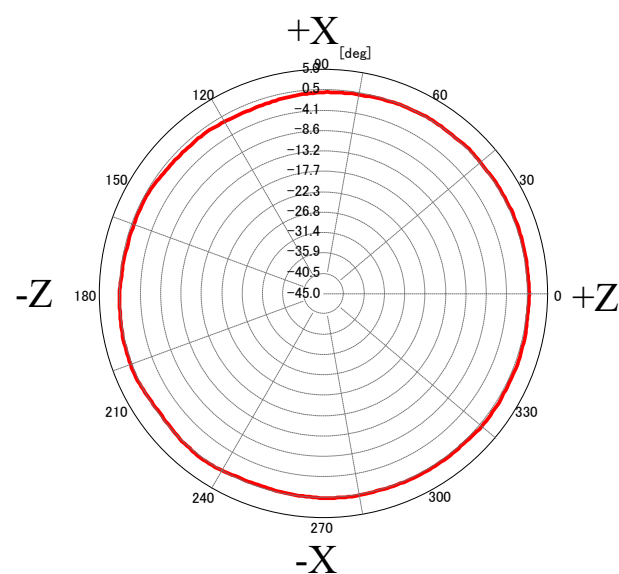
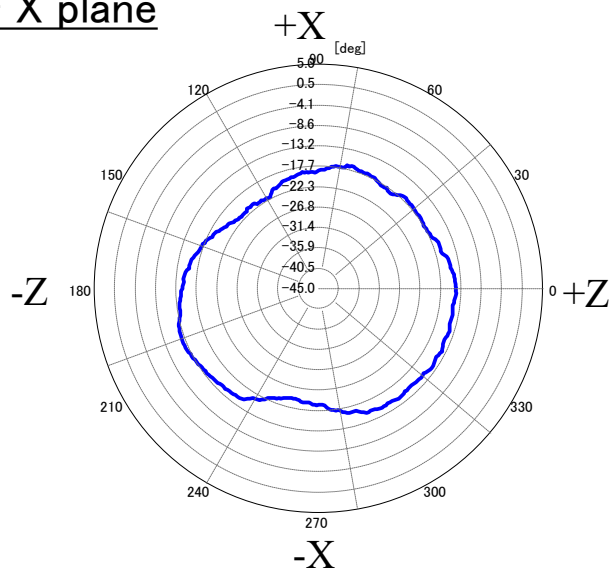
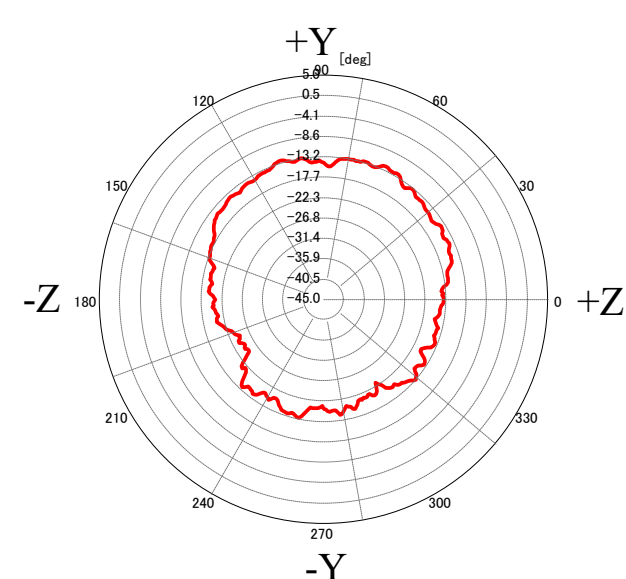
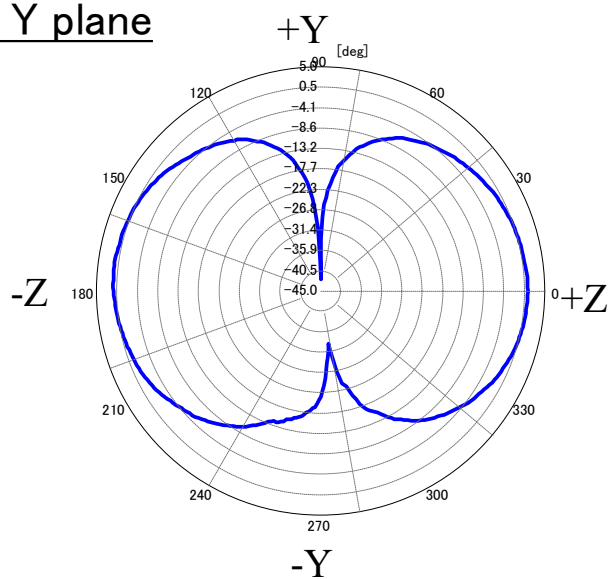
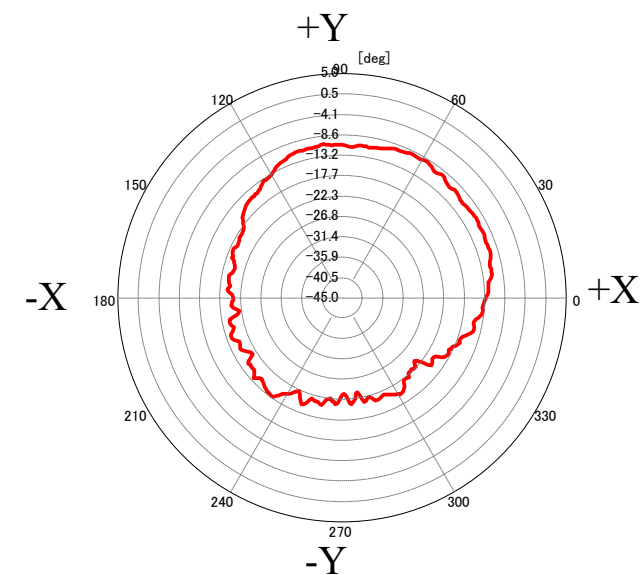
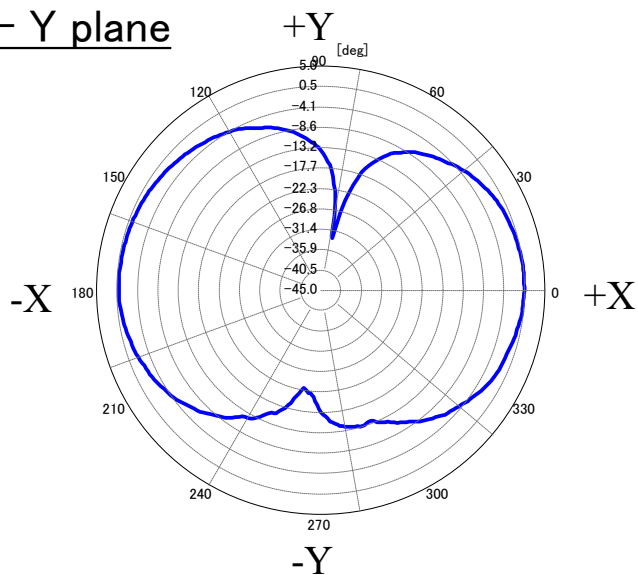
Z- X planeZ- Y planeX- Y plane

6-1. 指向特性 ···· 6125MHz

Directivity

— 水平偏波
Horizontal polarization

— 垂直偏波
Vertical polarization

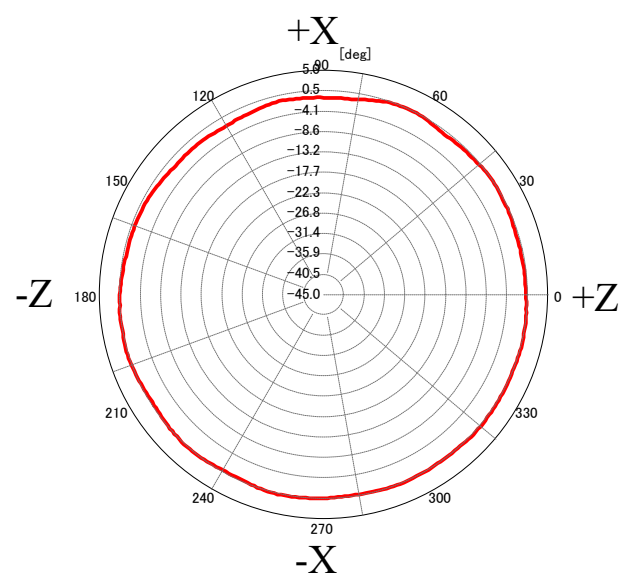
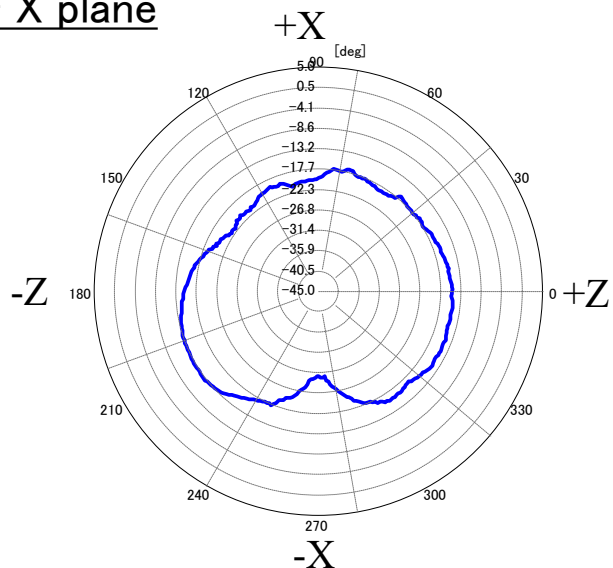
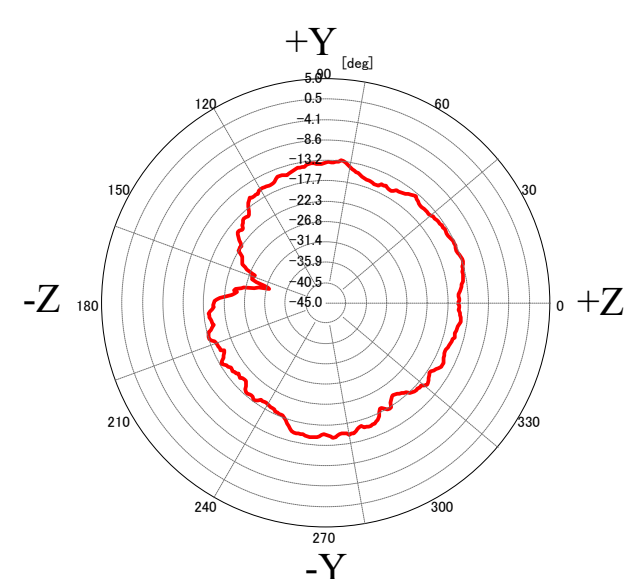
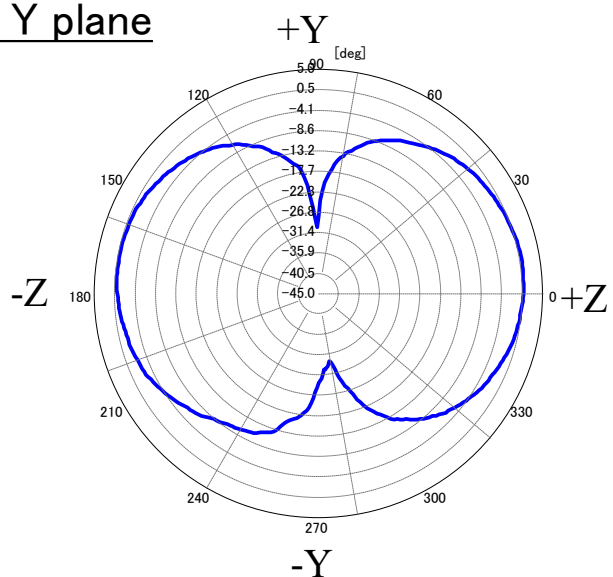
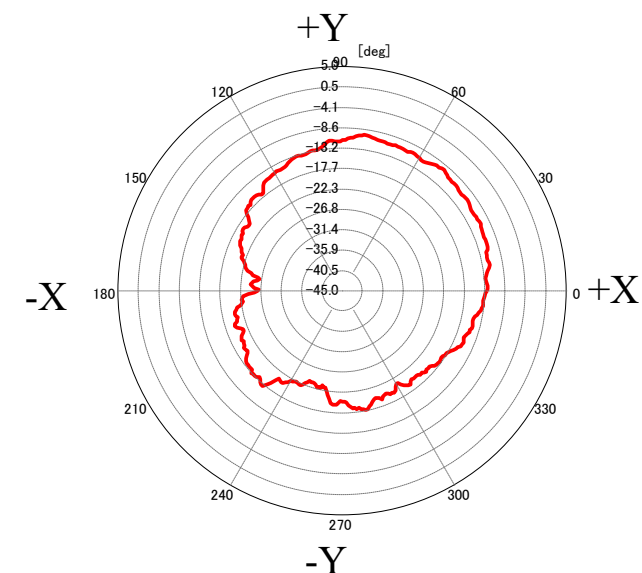
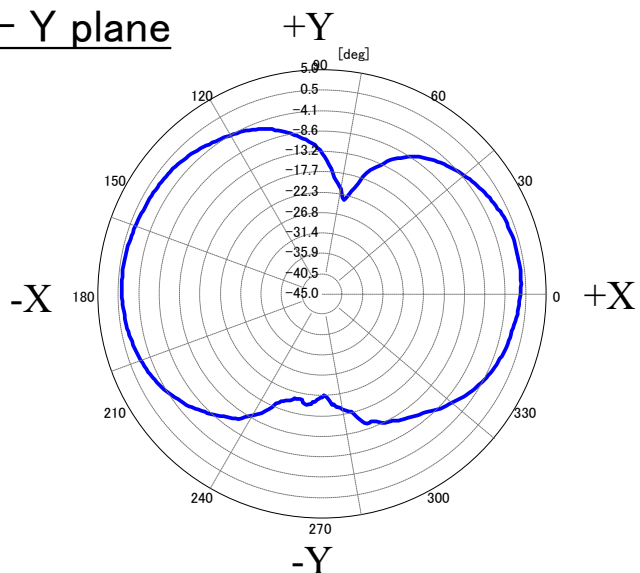
Z- X planeZ- Y planeX- Y plane

6-1. 指向特性 6525MHz

Directivity

— 水平偏波
Horizontal polarization

— 垂直偏波
Vertical polarization

Z- X planeZ- Y planeX- Y plane

6-1. 指向特性 6925MHz

Directivity



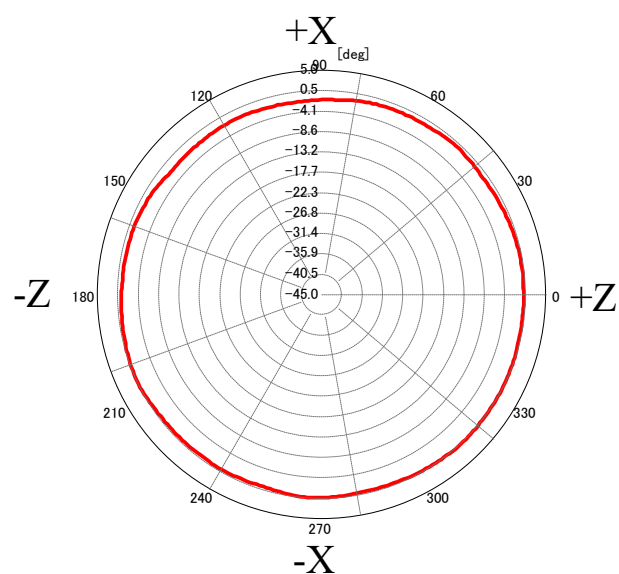
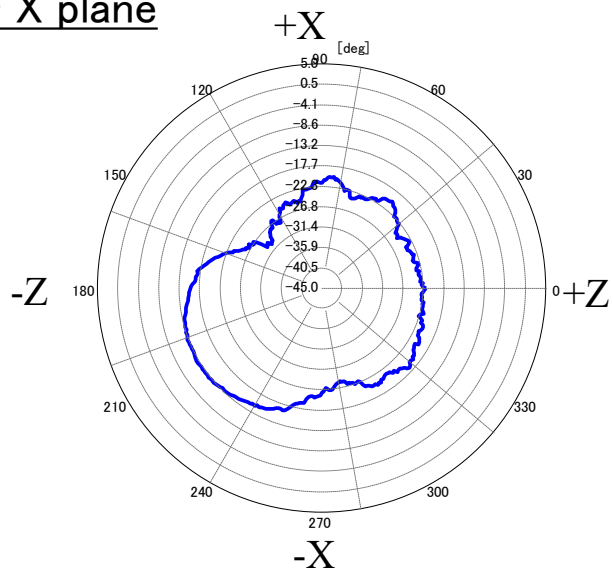
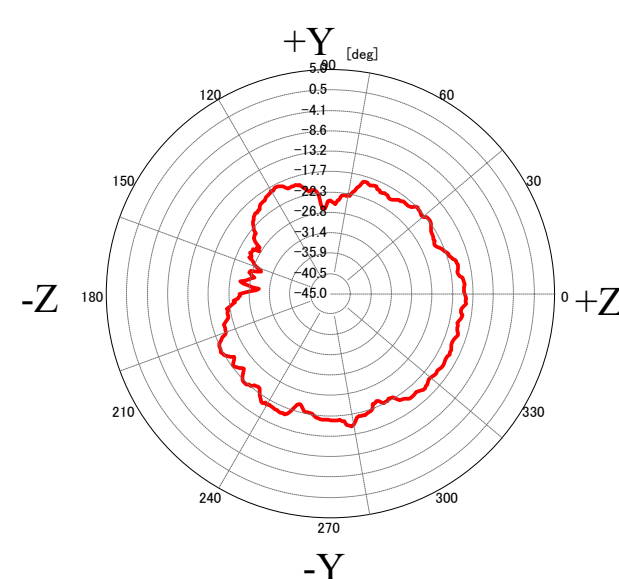
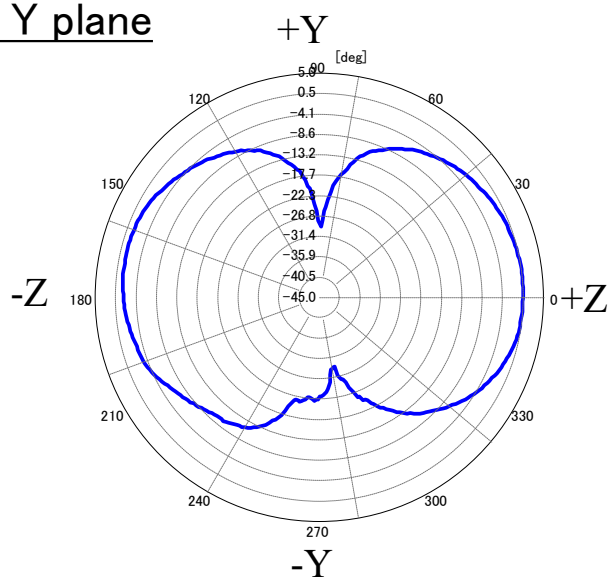
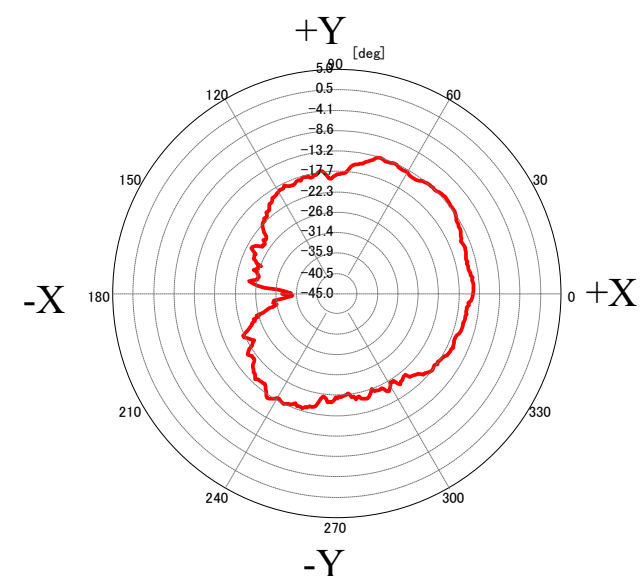
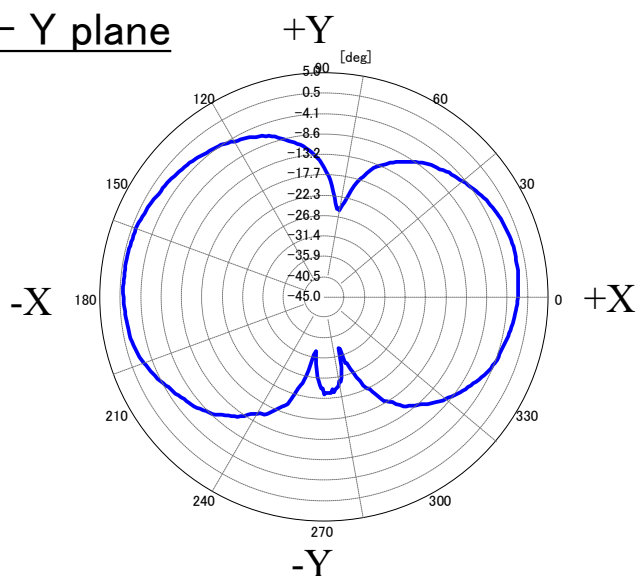
水平偏波



垂直偏波

Horizontal polarization

Vertical polarization

Z- X planeZ- Y planeX- Y plane

6-1. 指向特性 7125MHz

Directivity



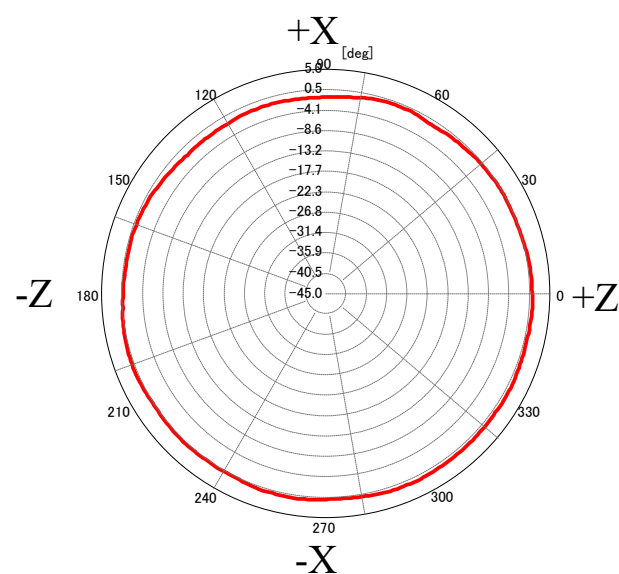
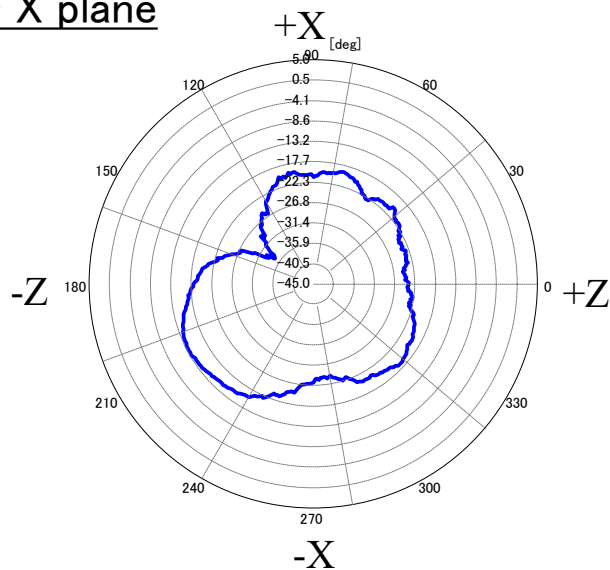
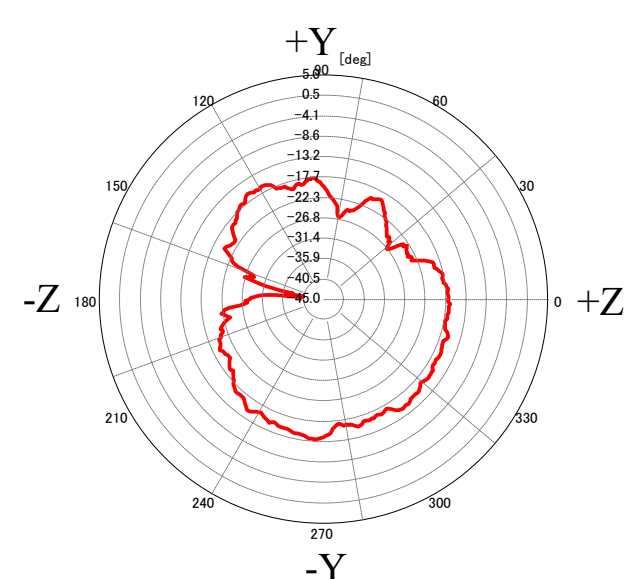
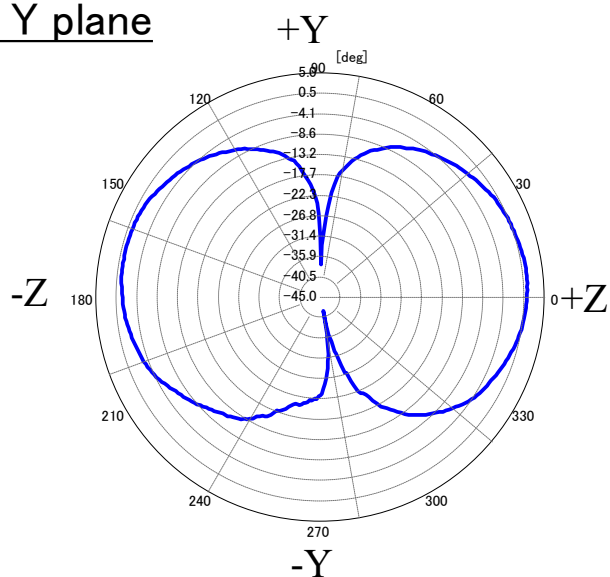
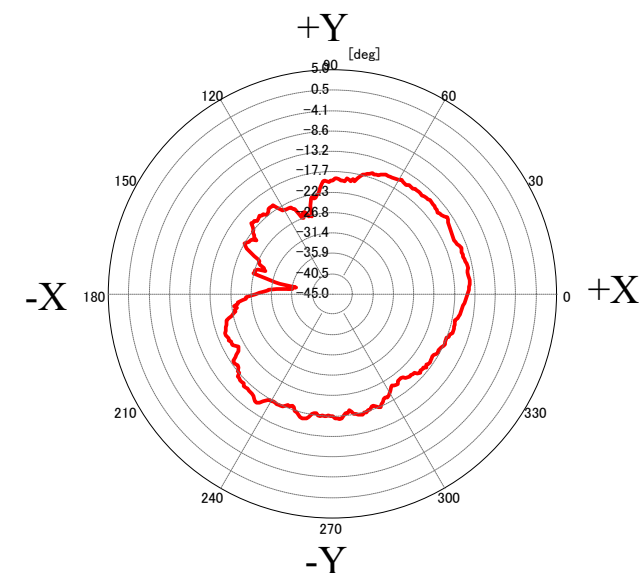
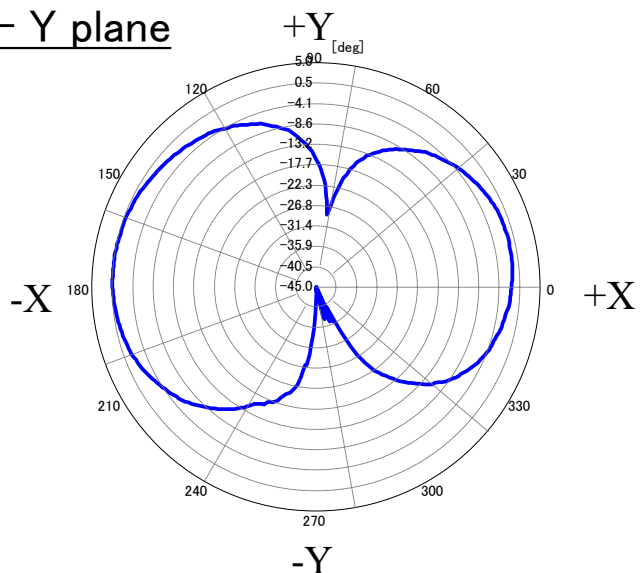
水平偏波

Horizontal polarization



垂直偏波

Vertical polarization

Z- X planeZ- Y planeX- Y plane

7. 外形図

Outline drawing

