

アンテナ特性データ

STDANTEMD-014-0150

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三省電機株式会社

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承認	担当
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1. 製造者

三省電機株式会社

2. 製品名

STDANTEMD-014-0150

3. 仕様

アンテナタイプ	$\lambda/2$ ダイポールタイプ
周波数範囲	814- 960MHz
	1428-2170MHz
インピーダンス	50 Ω
最大利得	814 - 960MHz: 2.5dBi
	1428 - 2170MHz: 3.0dBi
アンテナサイズ	100x13mm
ケーブル長	150mm
コネクタ	MHF

4. 最大利得測定結果

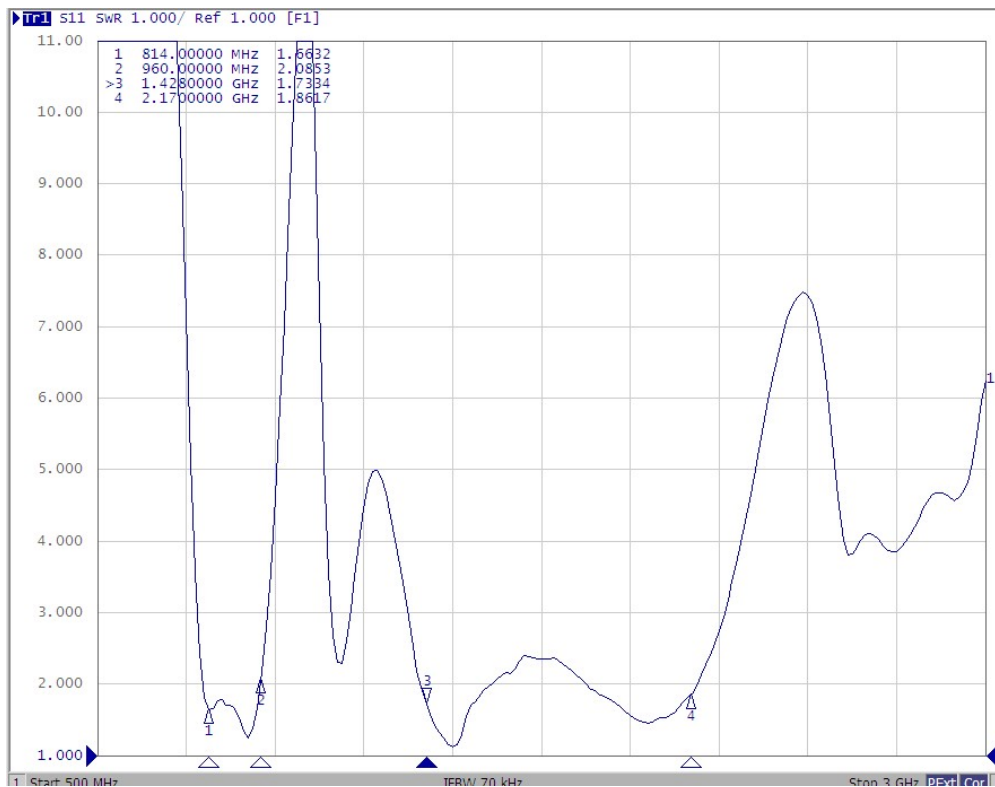
周波数[MHz]	814	830	845	860	875	890	915	920	925	945	960
最大利得[dBi]	2.1	2.5	2.0	1.7	1.8	1.7	2.3	2.2	2.1	1.9	1.1

周波数[MHz]	1428	1448	1463	1476	1496	1511	1710	1785	1805	1880
最大利得[dBi]	2.5	2.6	2.7	2.8	2.9	2.5	2.1	2.5	2.9	1.6

周波数[MHz]	1920	1980	2110	2170
最大利得[dBi]	2.4	3.0	2.6	1.7

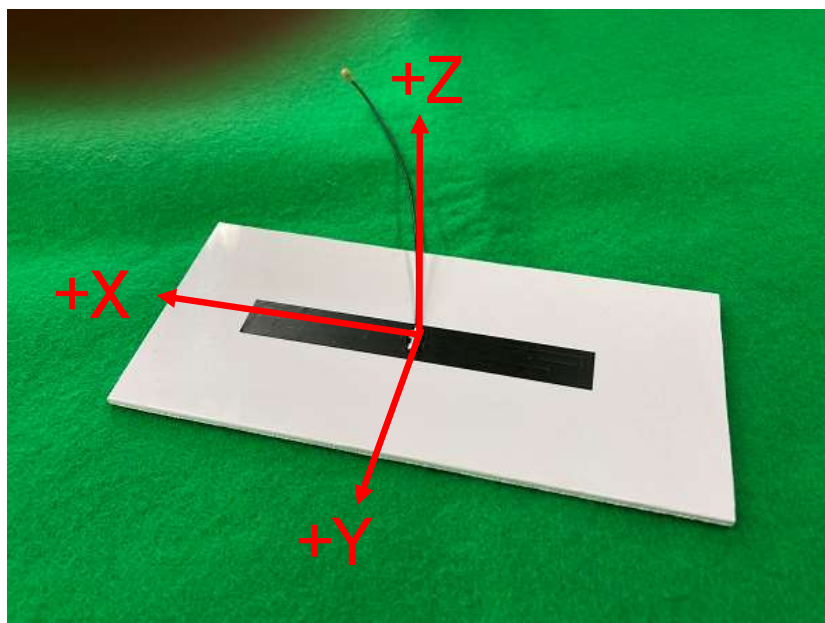
※厚み2mmのABS板上で測定

5. VSWR



周波数[MHz]	814	960	1428	1511	1710	2170
VSWR	1.7	2.1	1.7	1.8	2.4	1.9

6. 測定座標軸



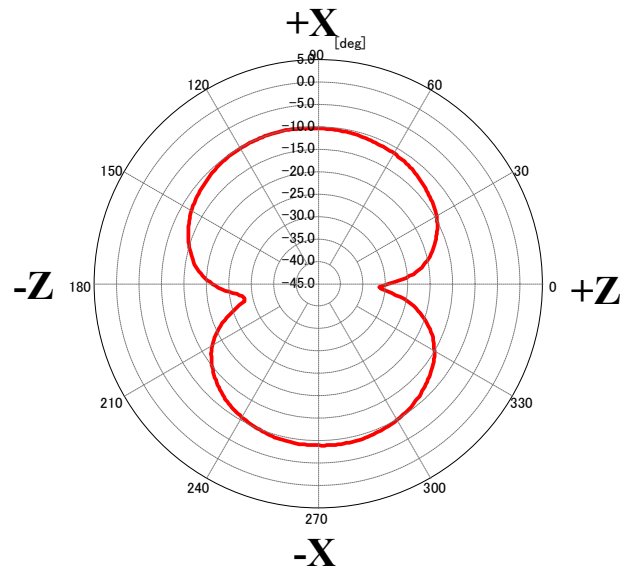
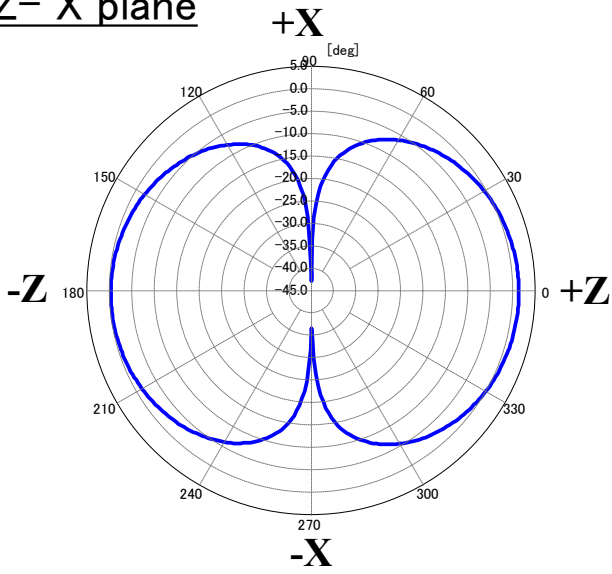
厚み2mmのABS板上で測定

7-1. 指向特性 ···· 814 MHz

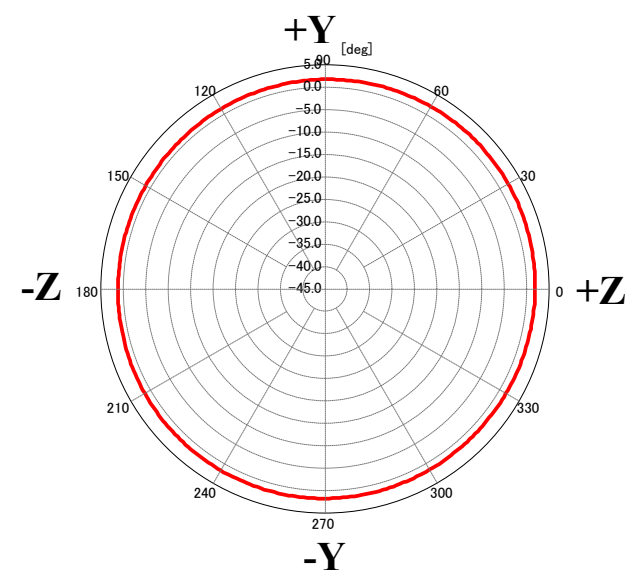
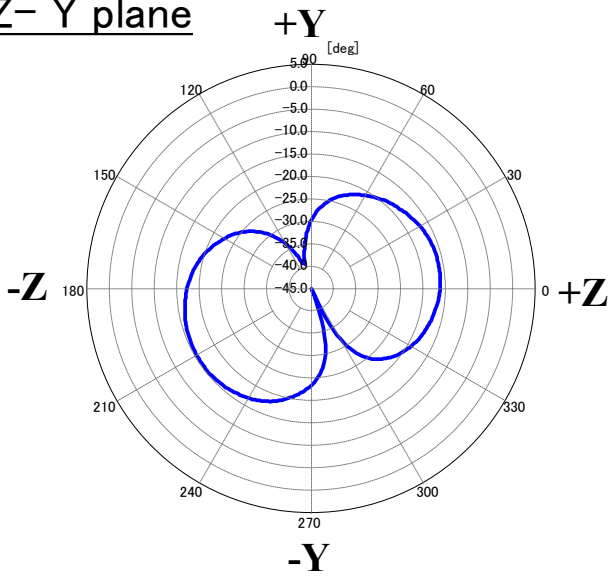
— 水平偏波

— 垂直偏波

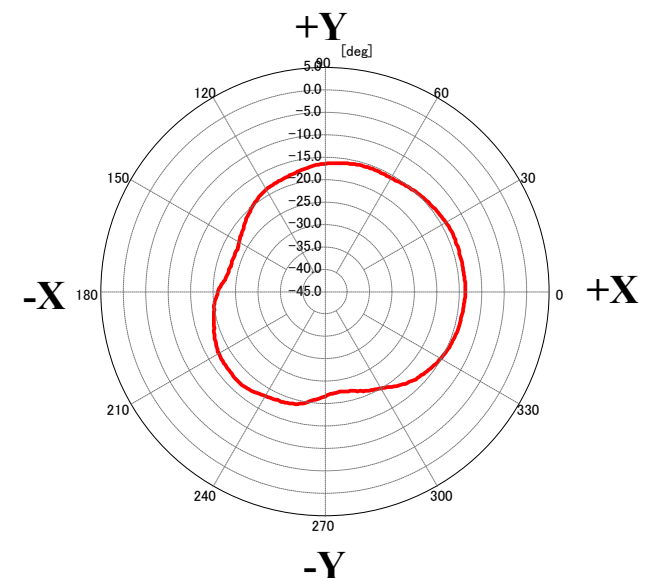
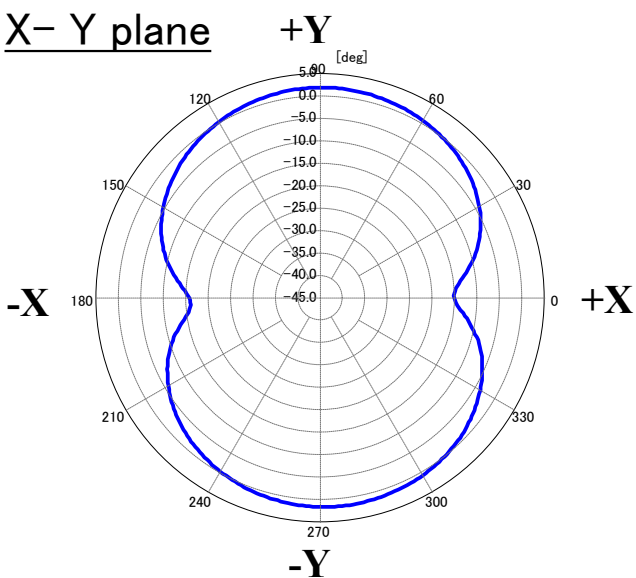
Z- X plane



Z- Y plane



X- Y plane

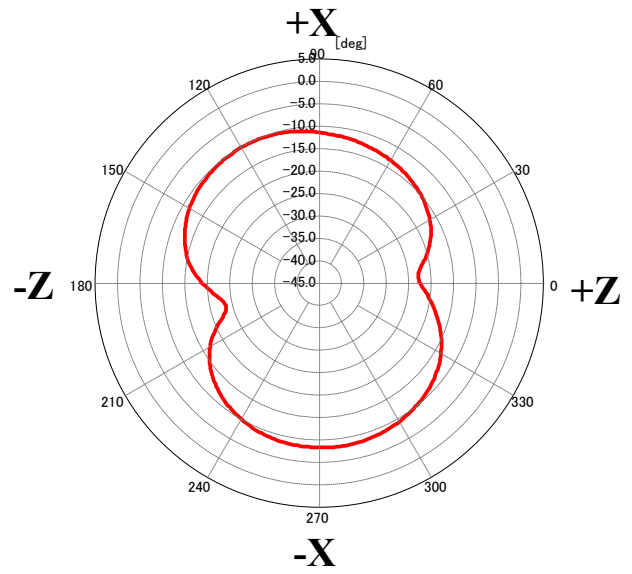
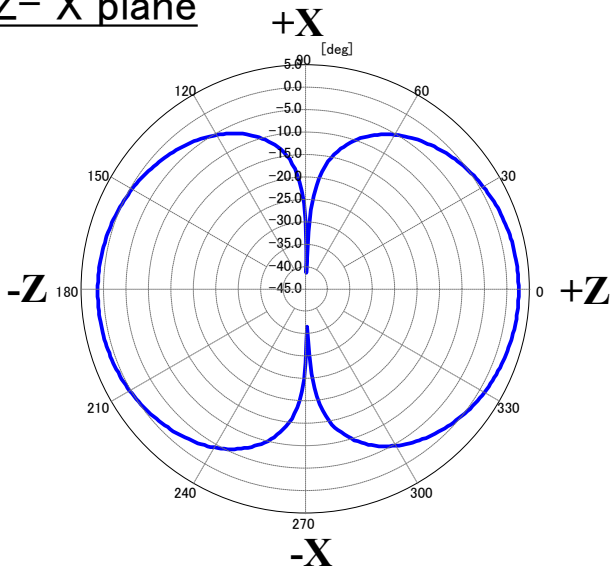


7-2. 指向特性 ···· 830 MHz

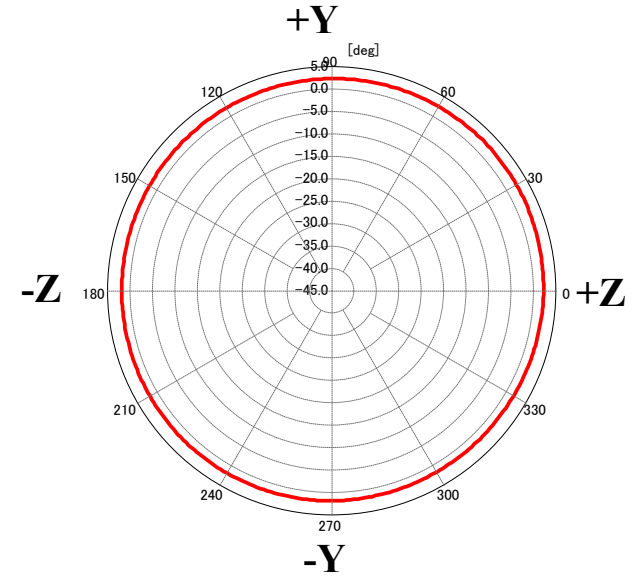
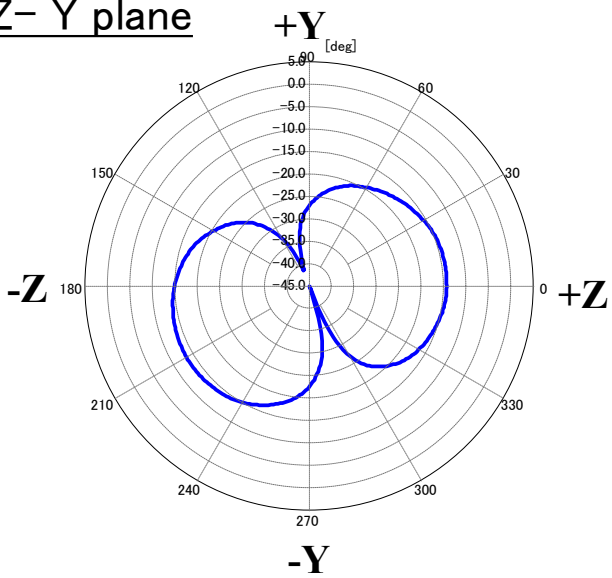
— 水平偏波

— 垂直偏波

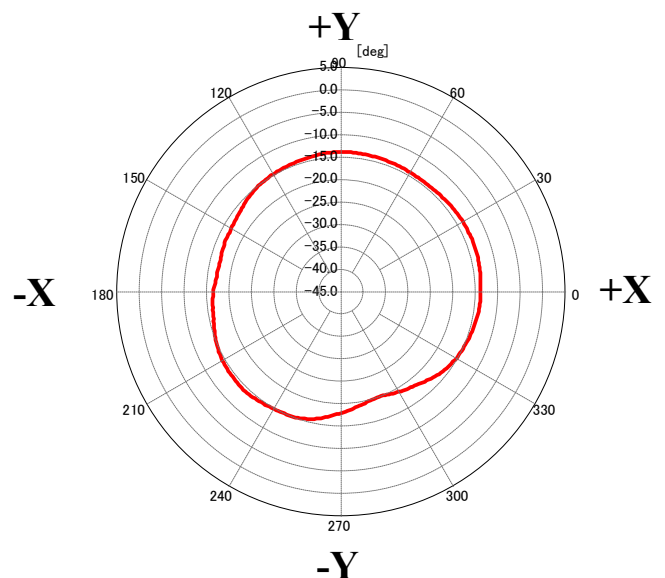
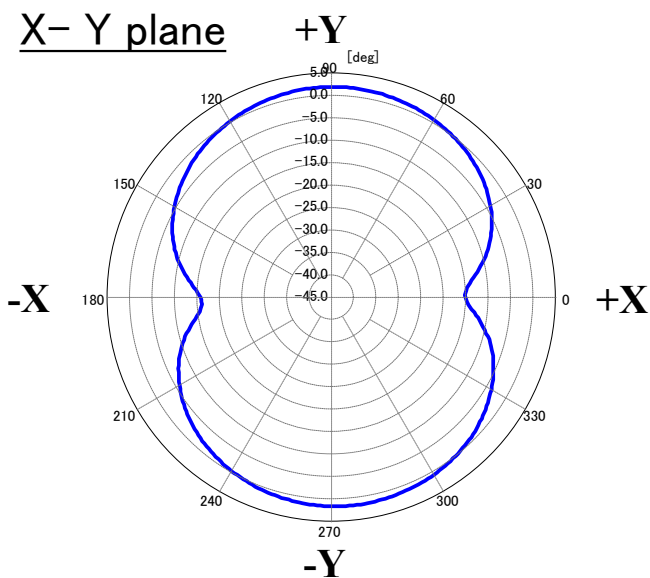
Z- X plane



Z- Y plane



X- Y plane

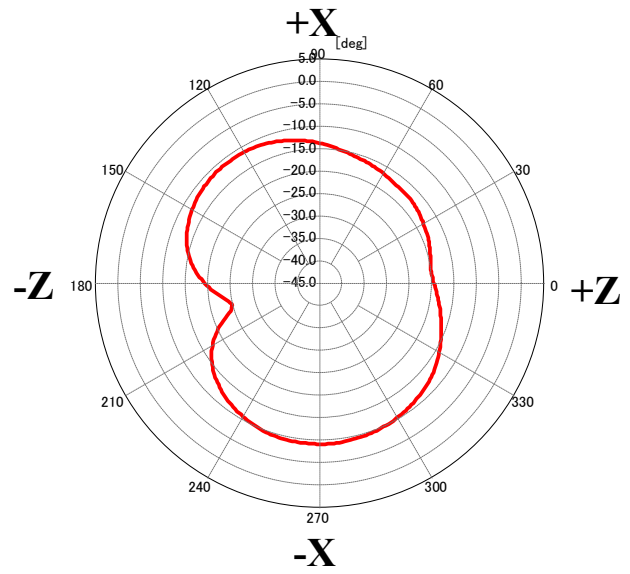
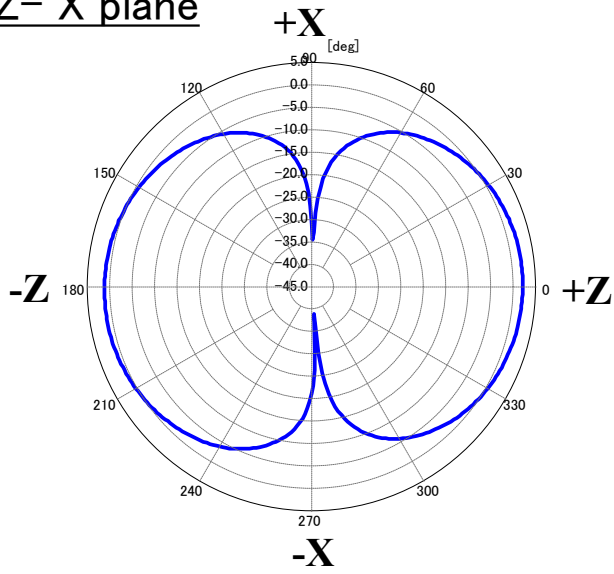


7-3. 指向特性 ···· 845MHz

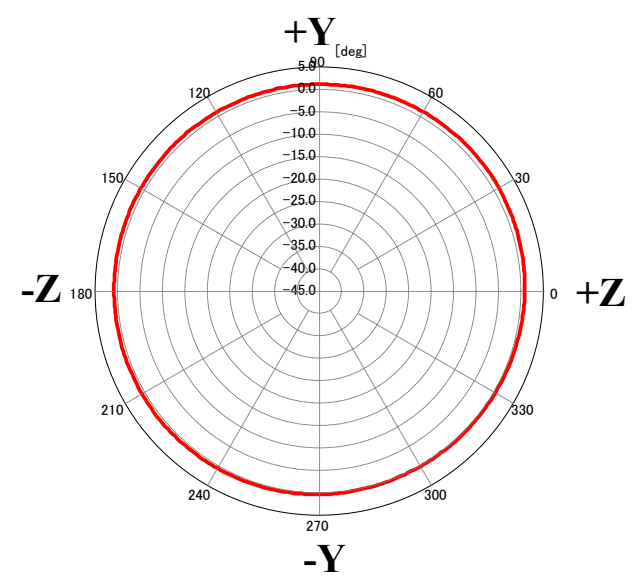
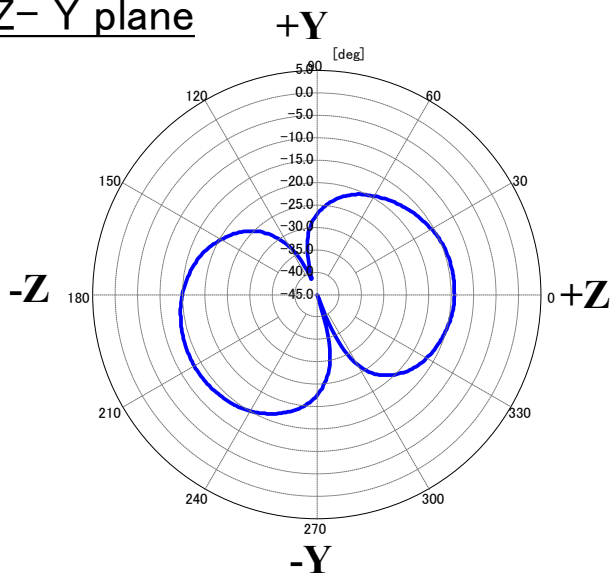
— 水平偏波

— 垂直偏波

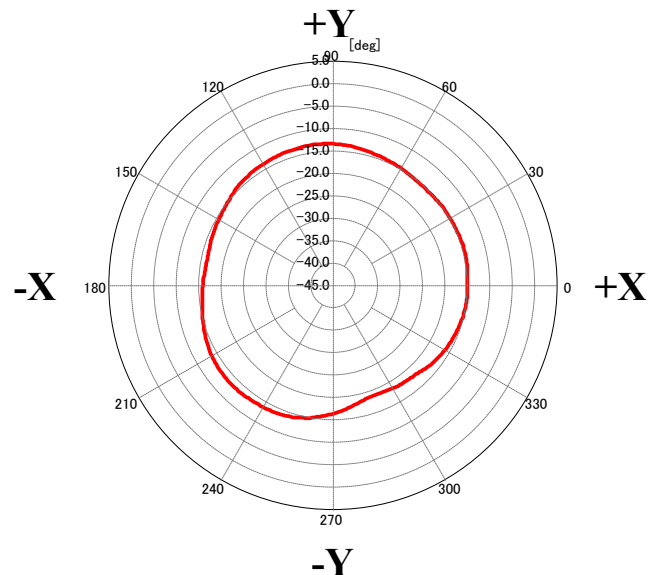
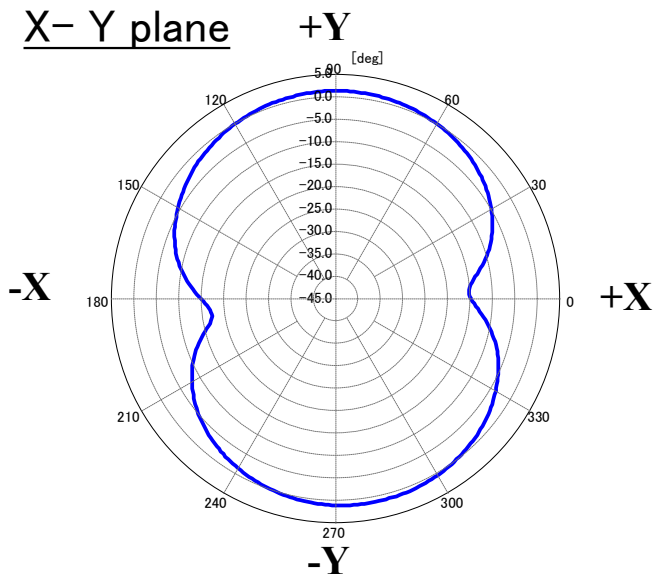
Z- X plane



Z- Y plane



X- Y plane

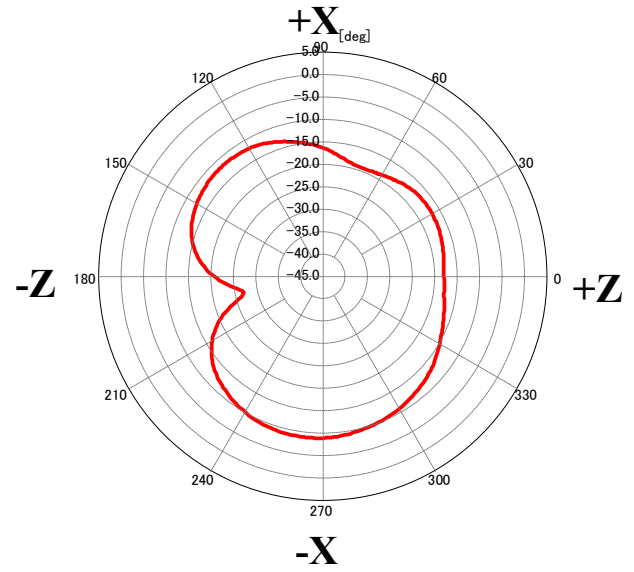
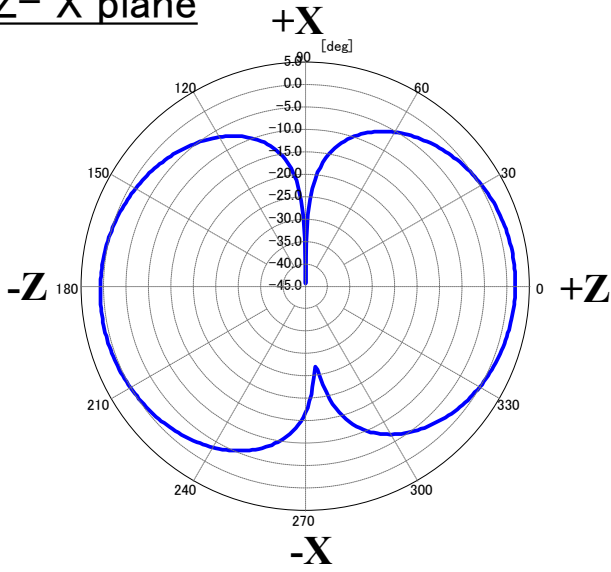


7-4. 指向特性 ···· 860 MHz

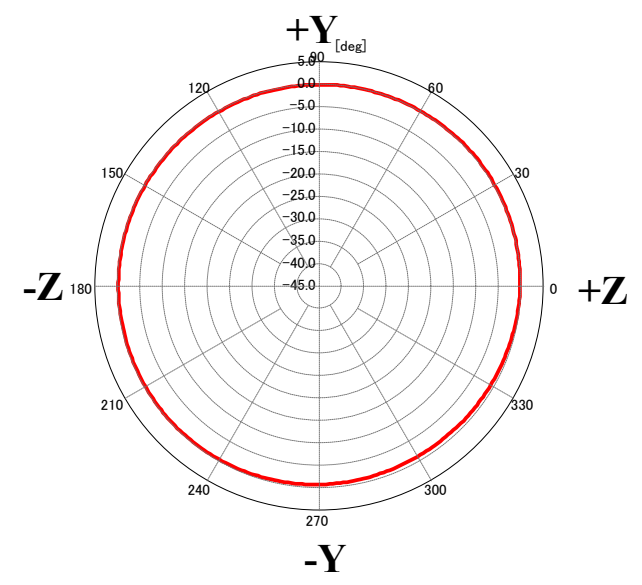
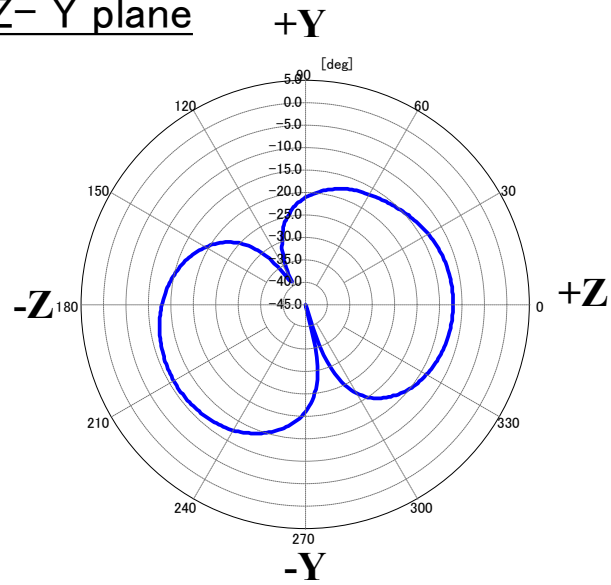
—— 水平偏波

—— 垂直偏波

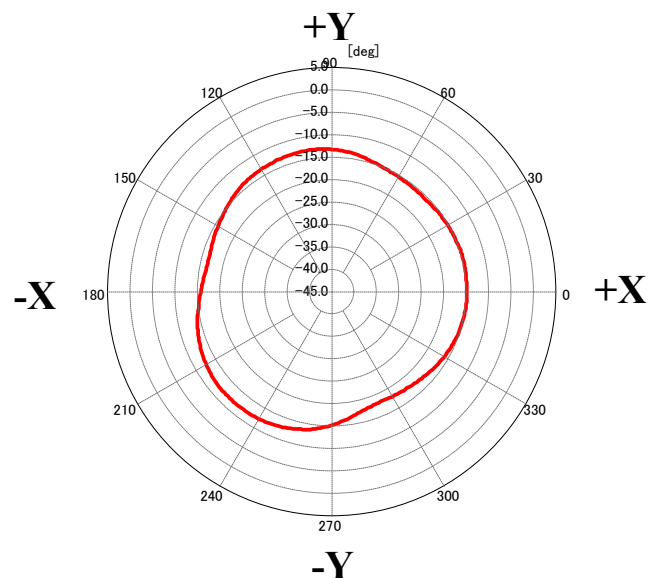
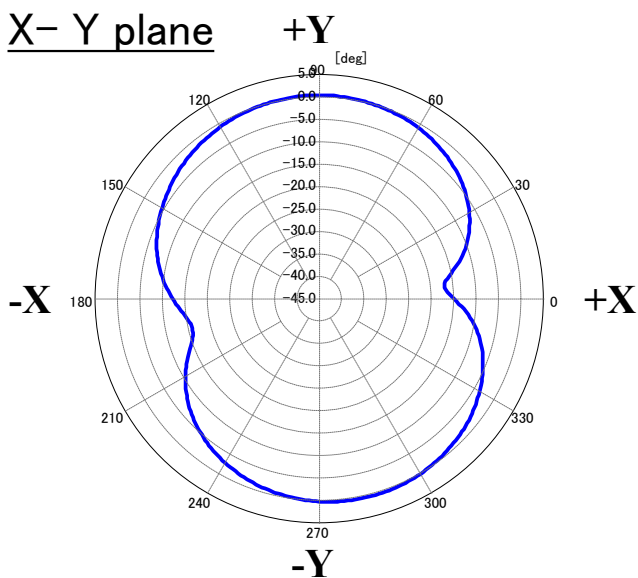
Z- X plane



Z- Y plane



X- Y plane

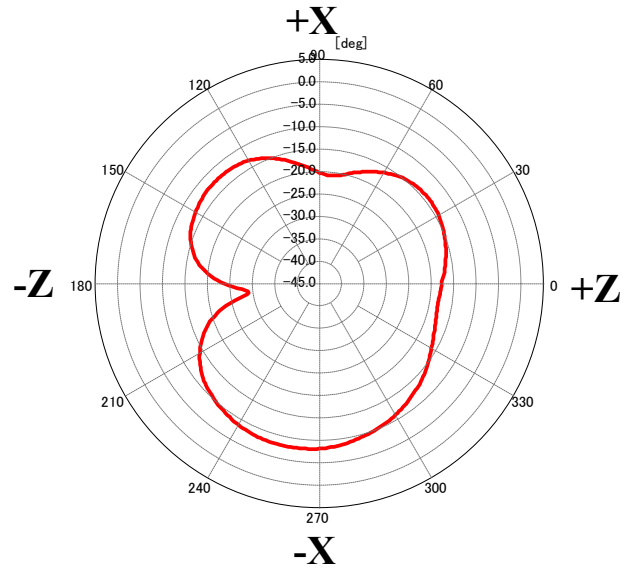
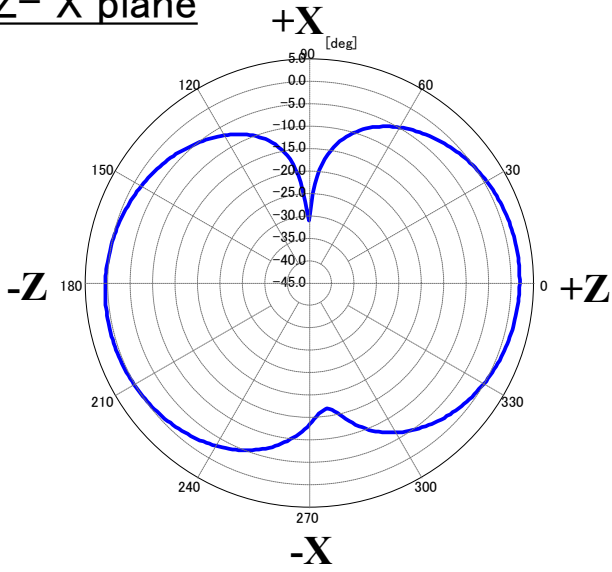


7-4. 指向特性 ···· 875 MHz

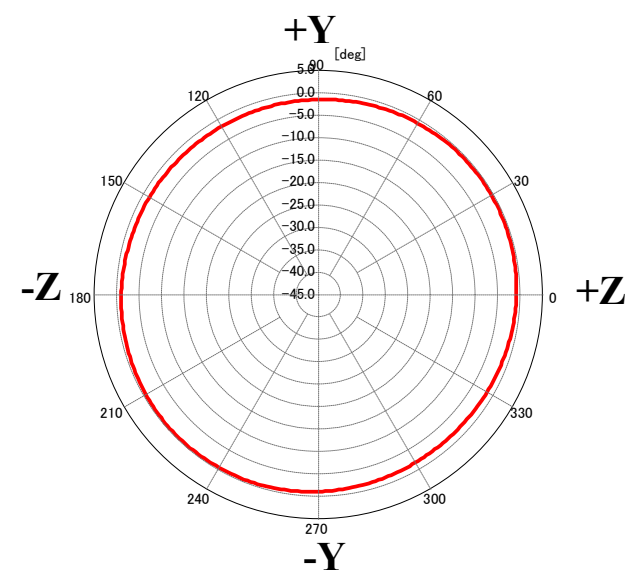
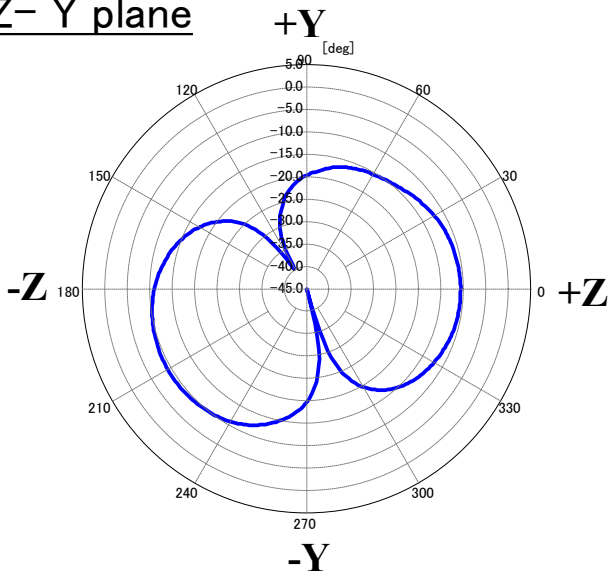
— 水平偏波

— 垂直偏波

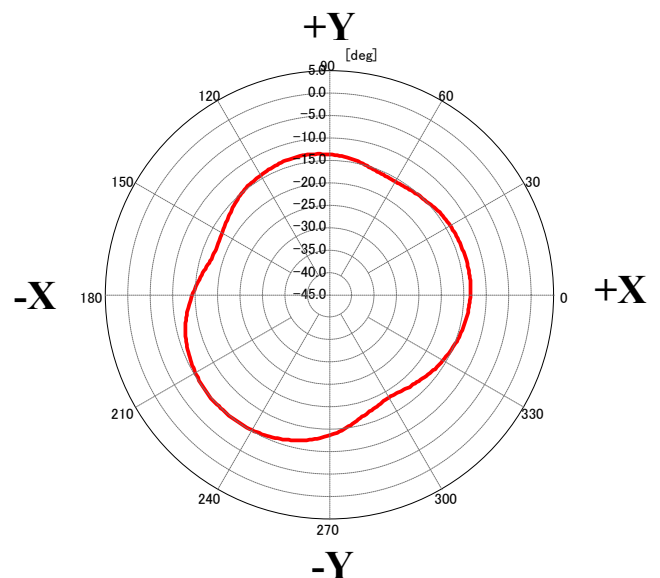
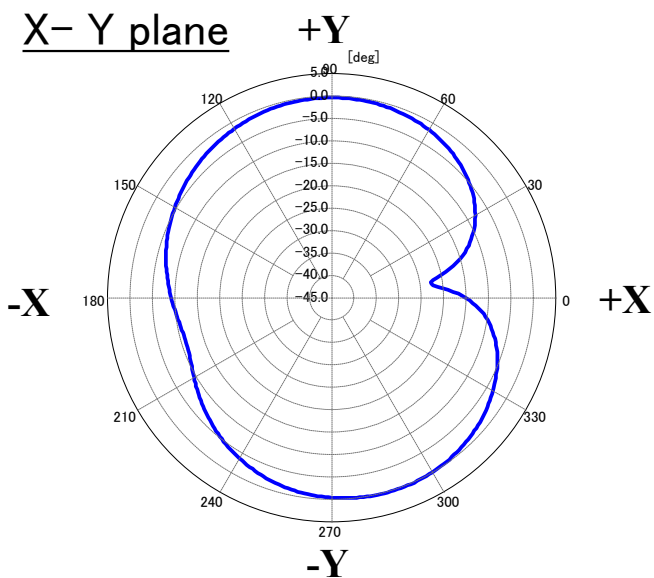
Z- X plane



Z- Y plane



X- Y plane

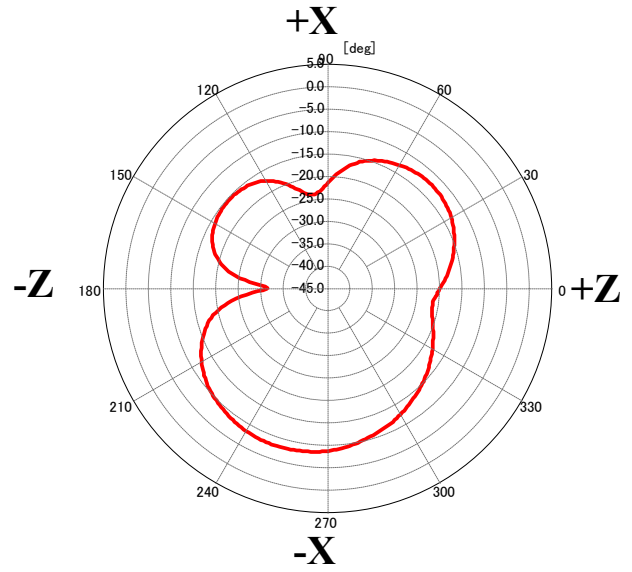
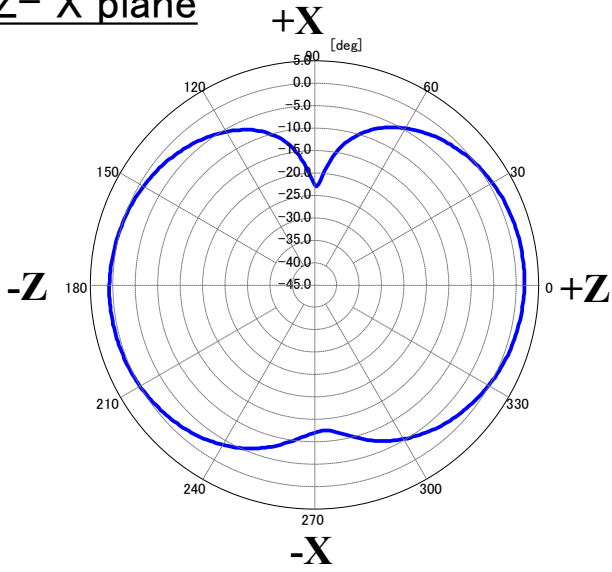


7-4. 指向特性 ···· 890MHz

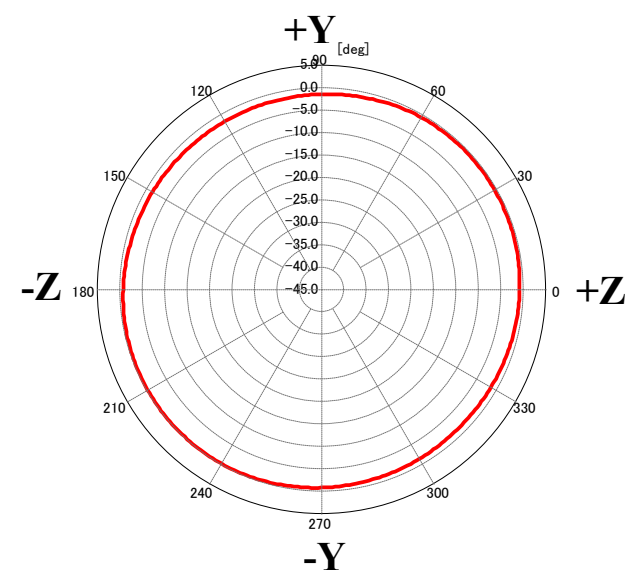
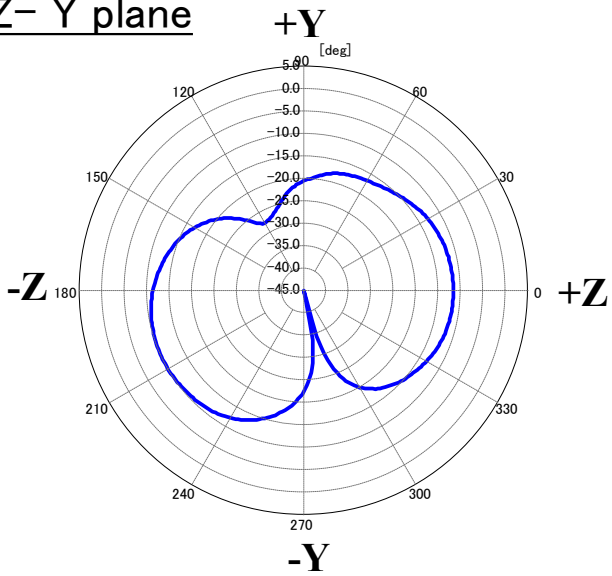
—— 水平偏波

—— 垂直偏波

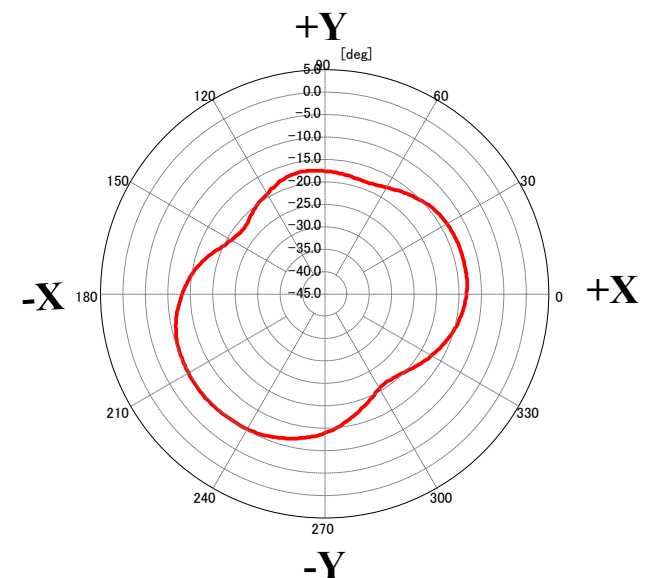
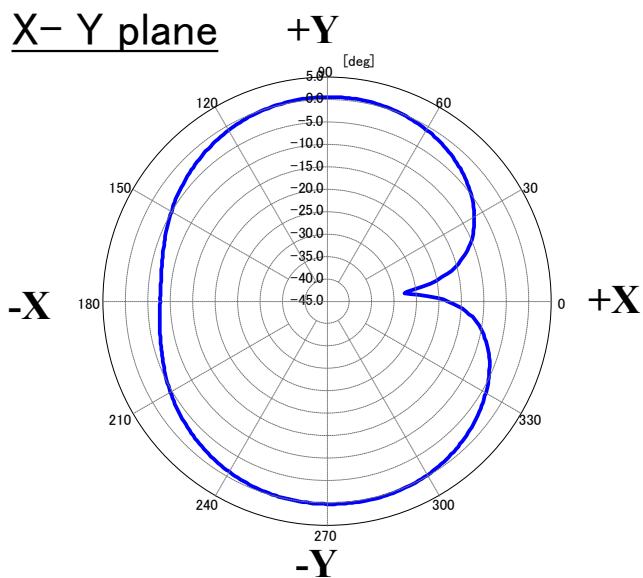
Z- X plane



Z- Y plane



X- Y plane

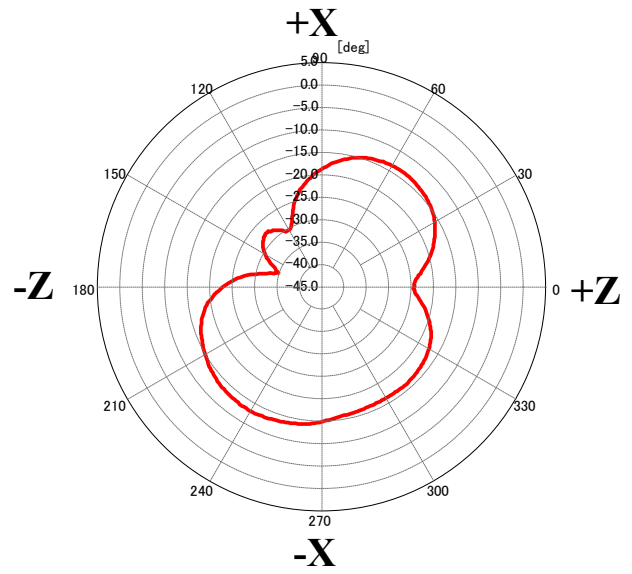
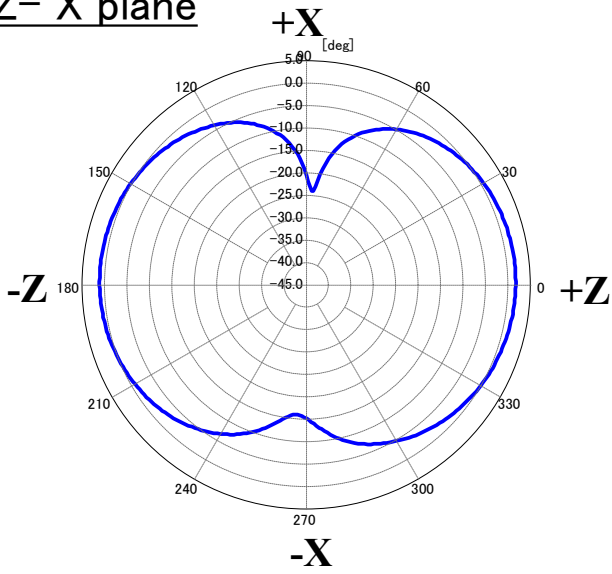


7-4. 指向特性 ···· 915MHz

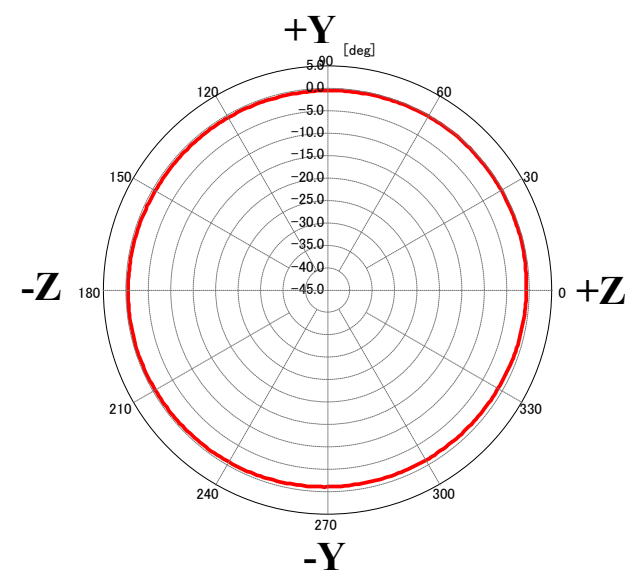
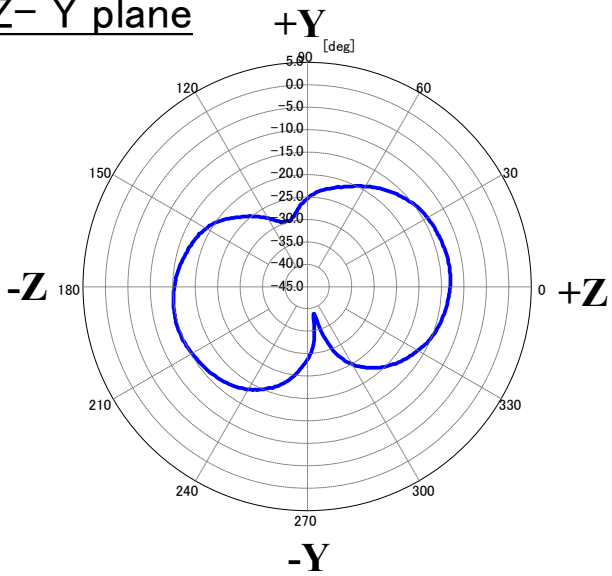
— 水平偏波

— 垂直偏波

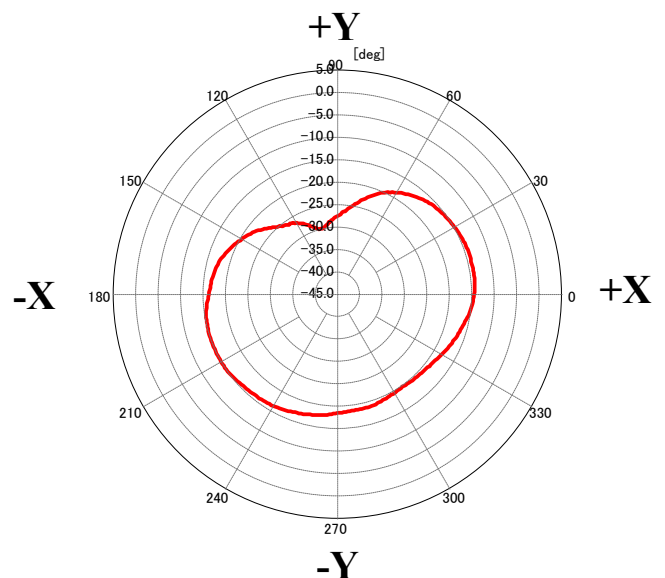
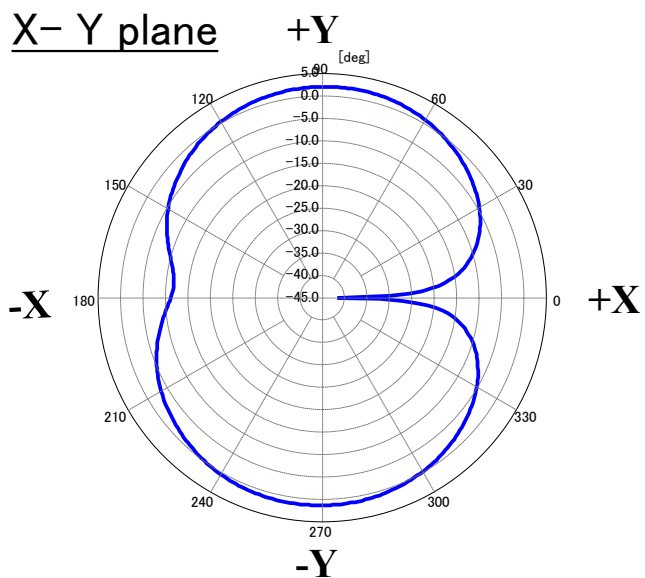
Z- X plane



Z- Y plane



X- Y plane

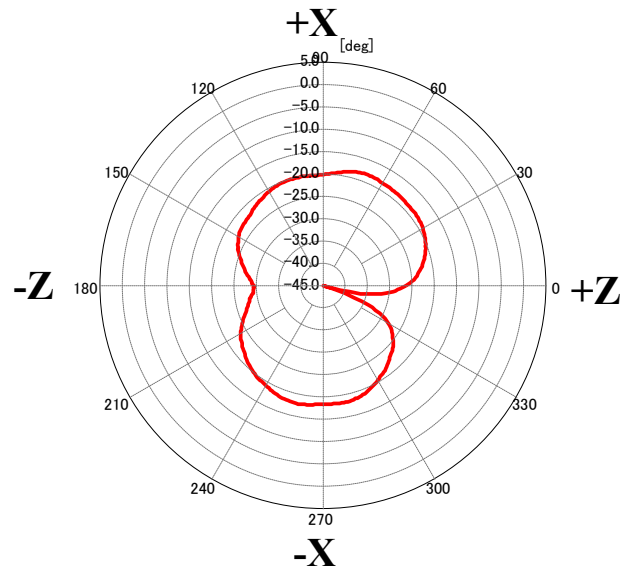
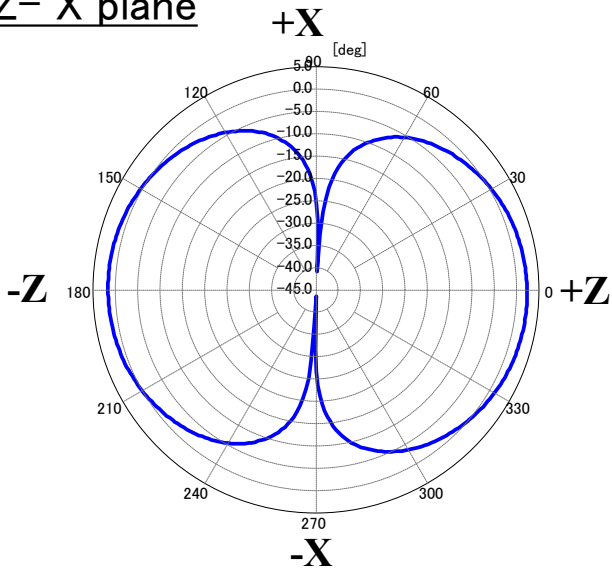


7-4. 指向特性 ···· 920MHz

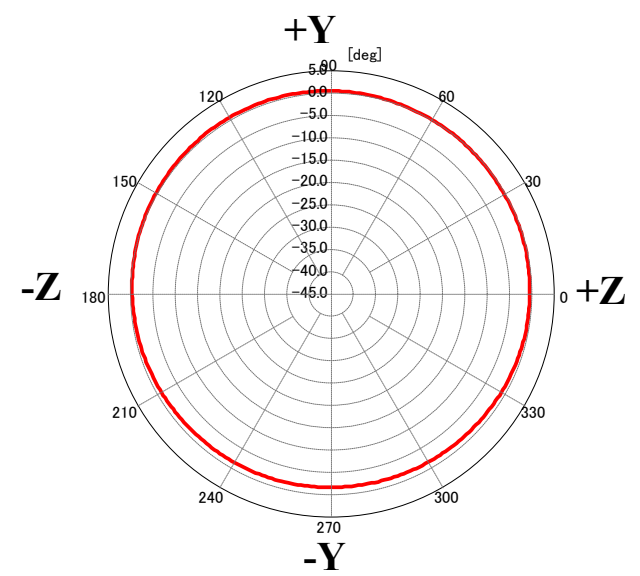
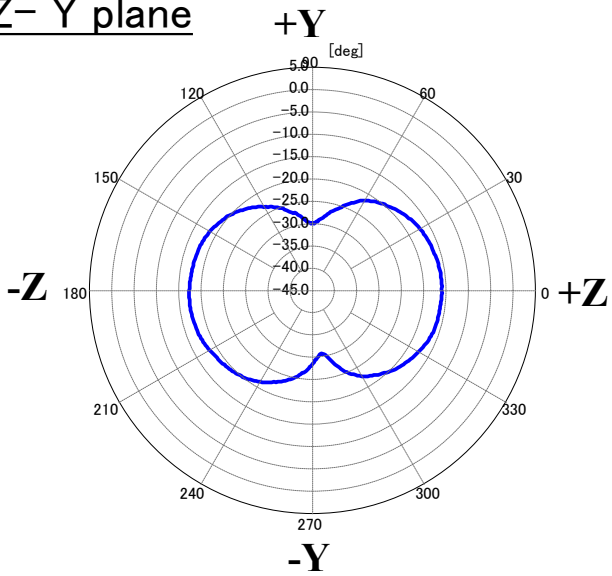
— 水平偏波

— 垂直偏波

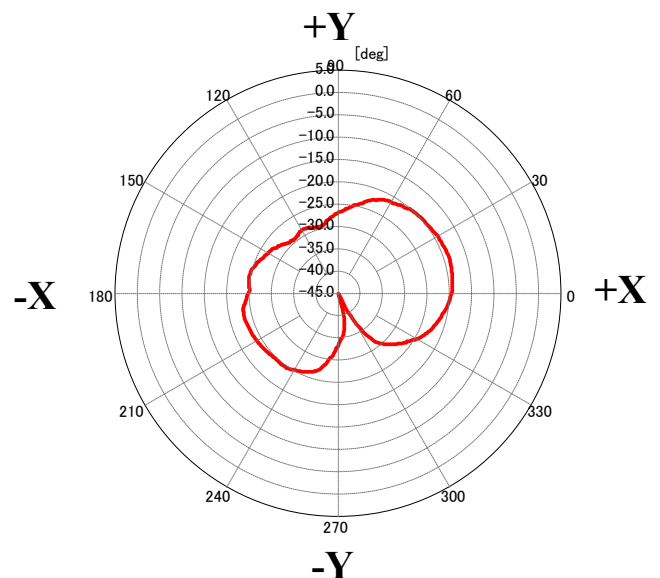
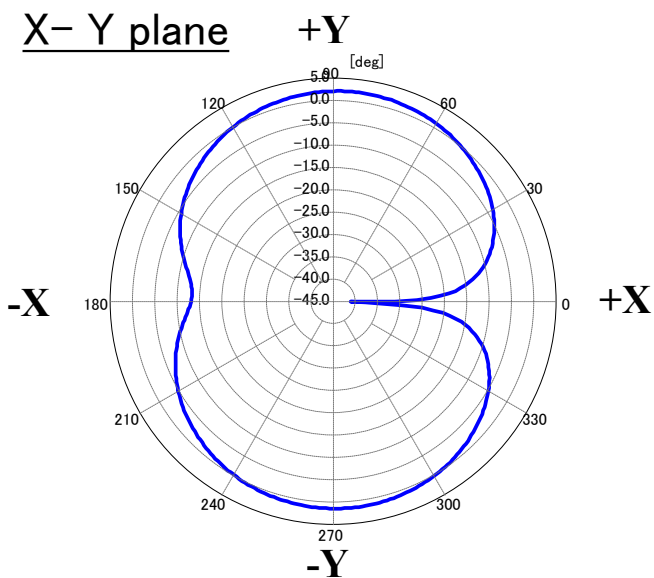
Z- X plane



Z- Y plane



X- Y plane

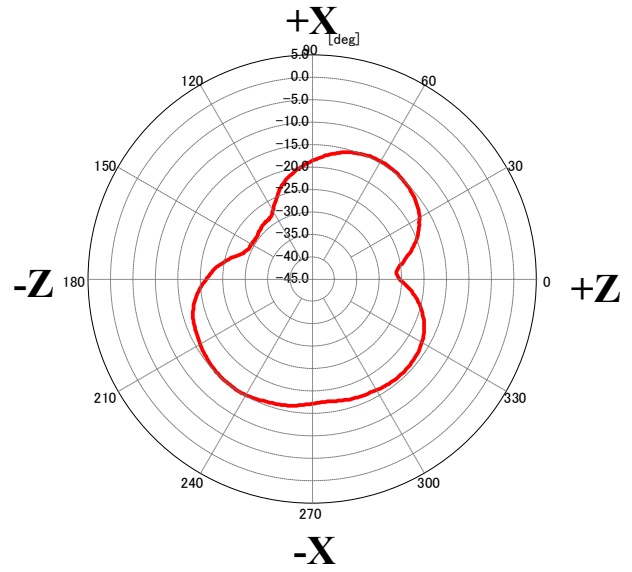
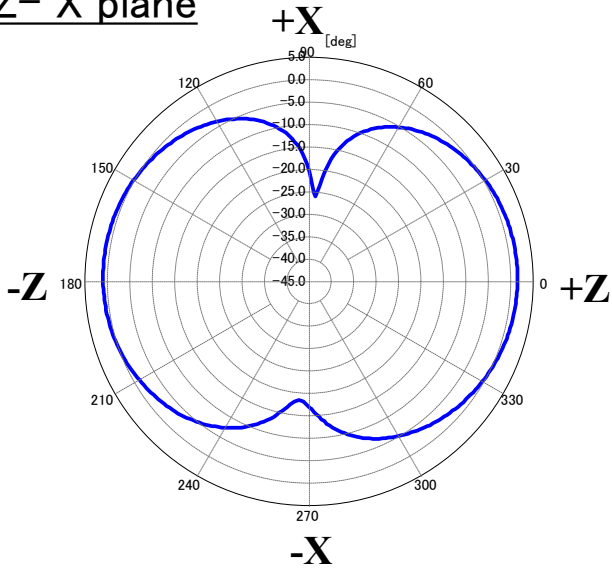


7-4. 指向特性 ···· 925MHz

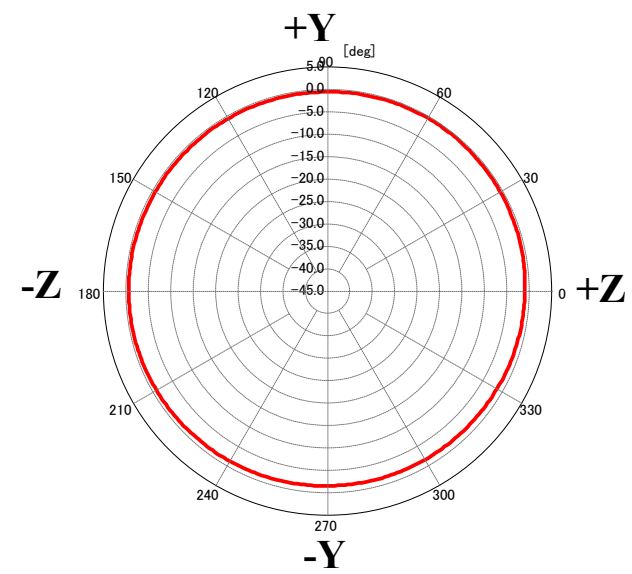
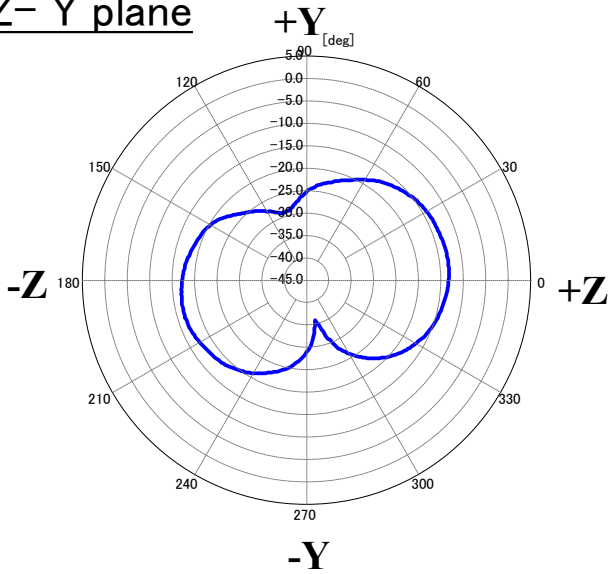
—— 水平偏波

—— 垂直偏波

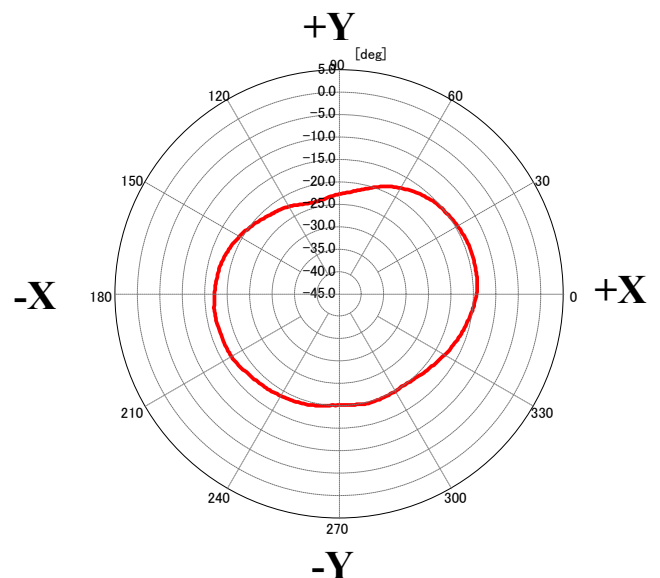
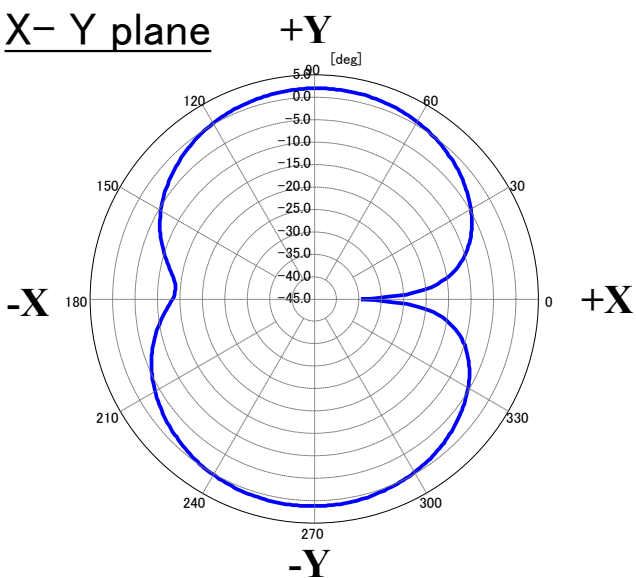
Z- X plane



Z- Y plane



X- Y plane

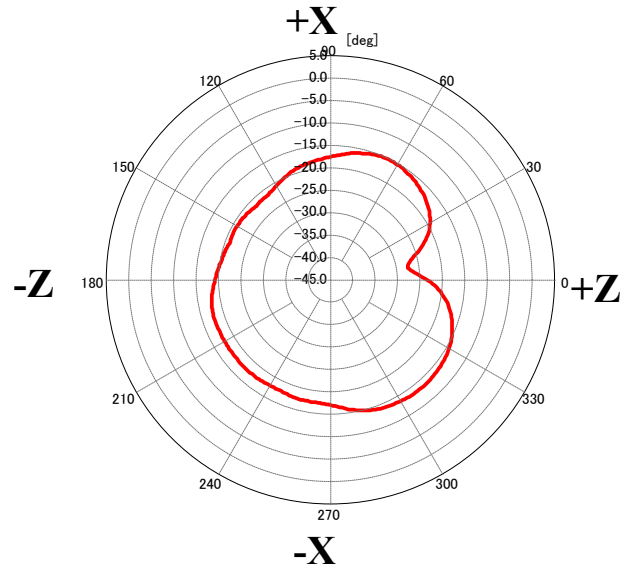
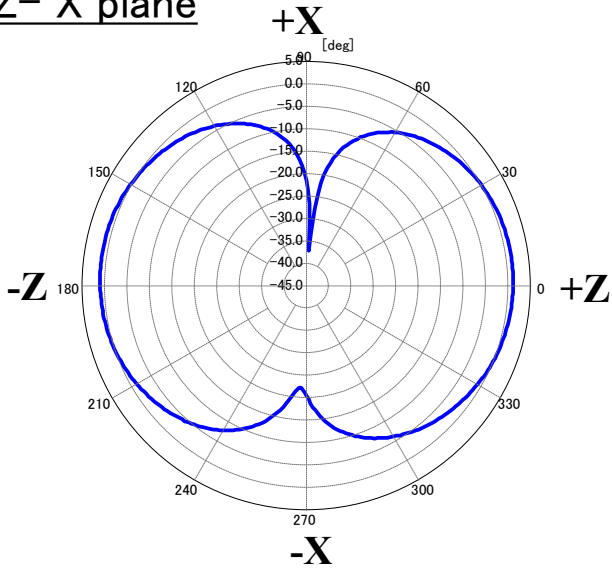


7-4. 指向特性 ···· 945MHz

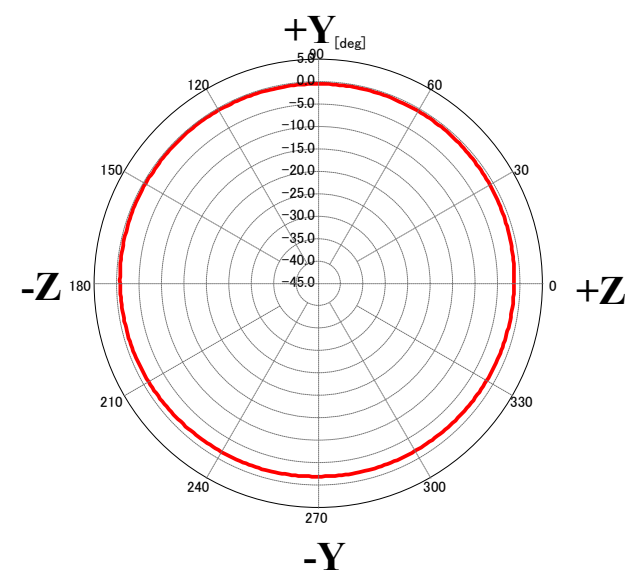
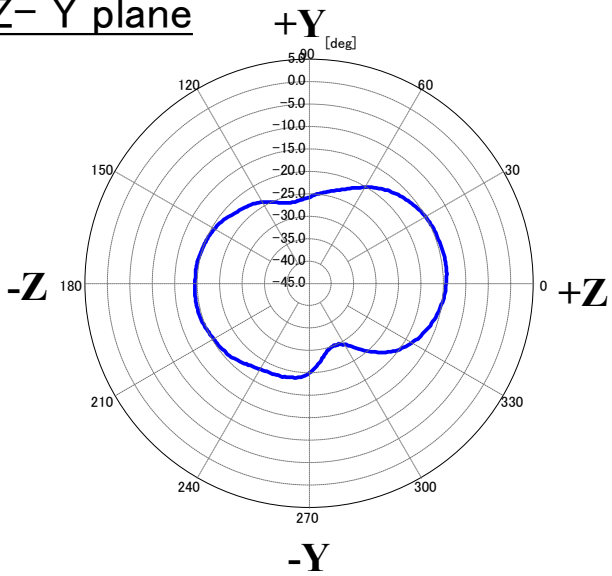
— 水平偏波

— 垂直偏波

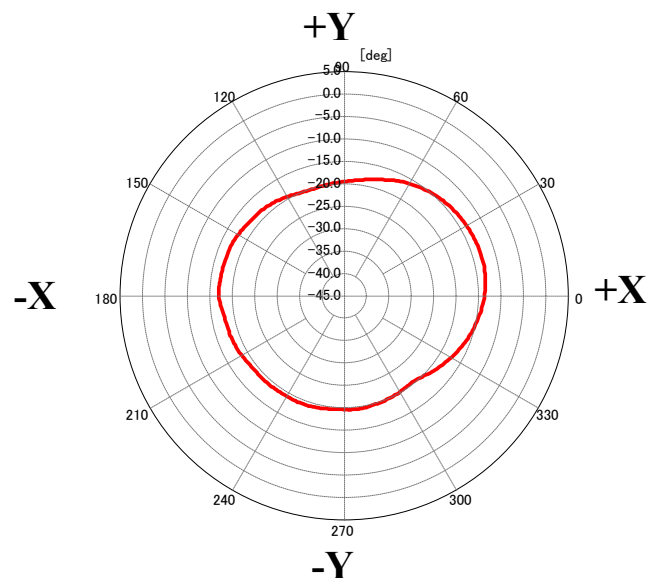
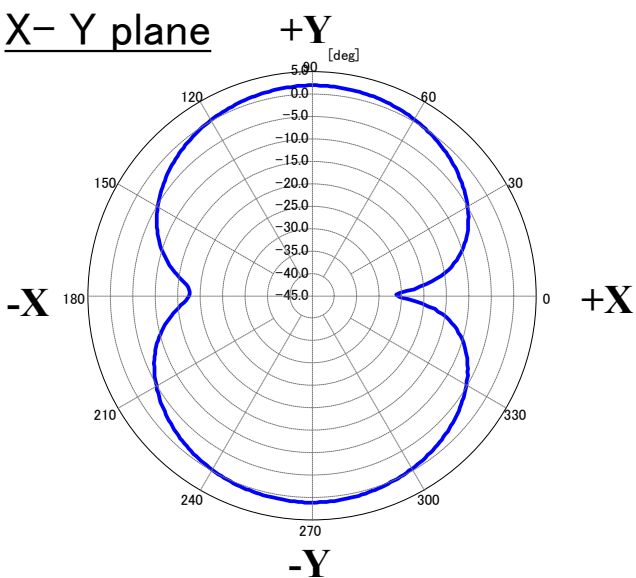
Z- X plane



Z- Y plane



X- Y plane

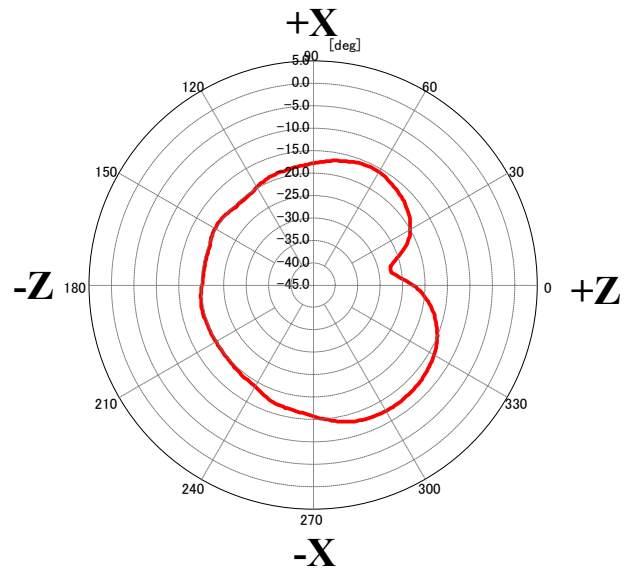
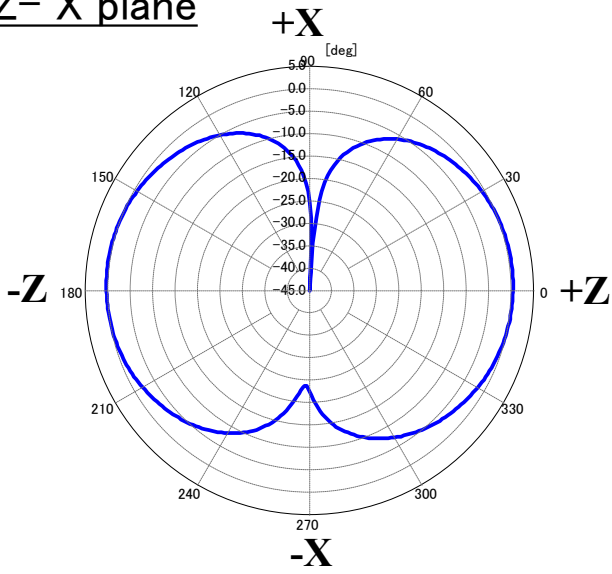


7-4. 指向特性 ···· 960MHz

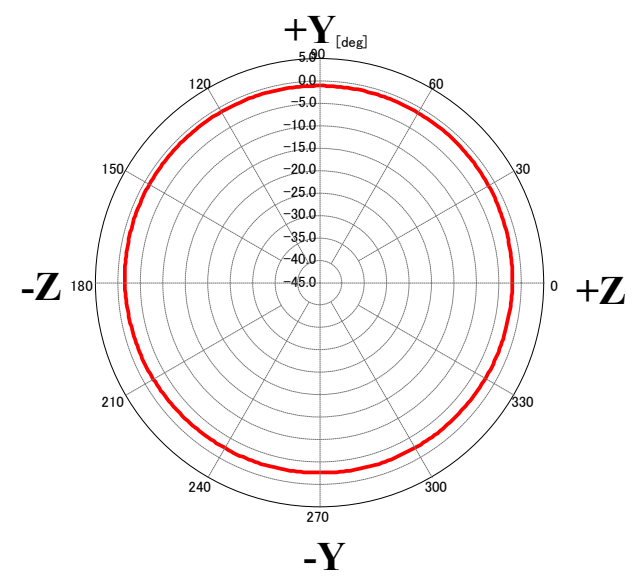
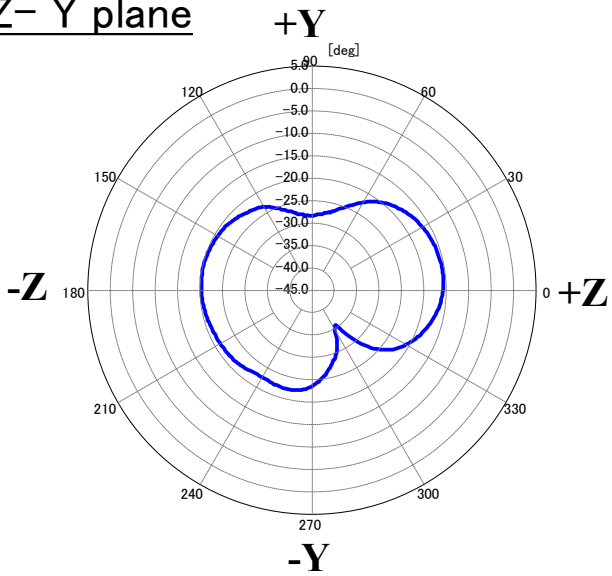
— 水平偏波

— 垂直偏波

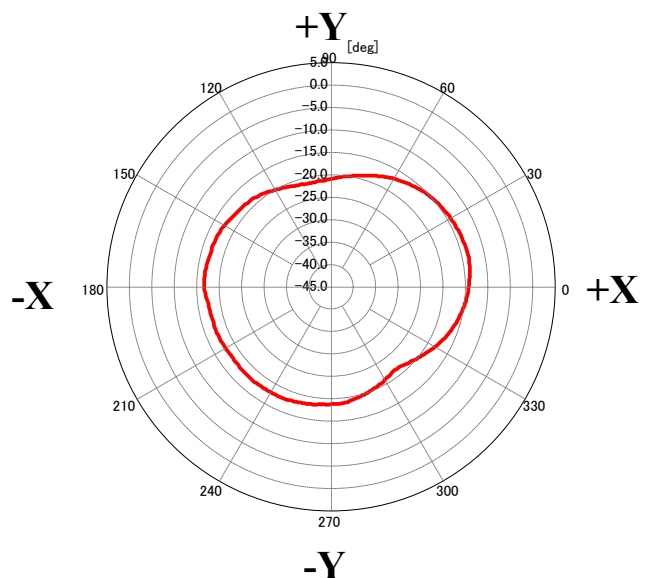
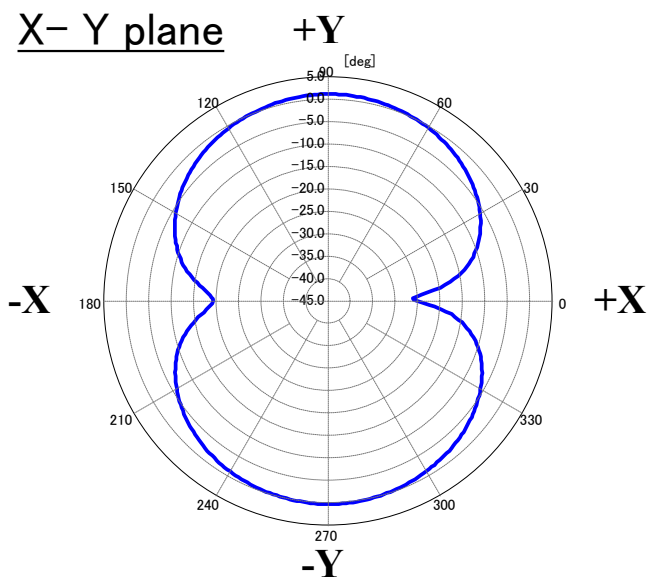
Z-X plane



Z-Y plane



X-Y plane

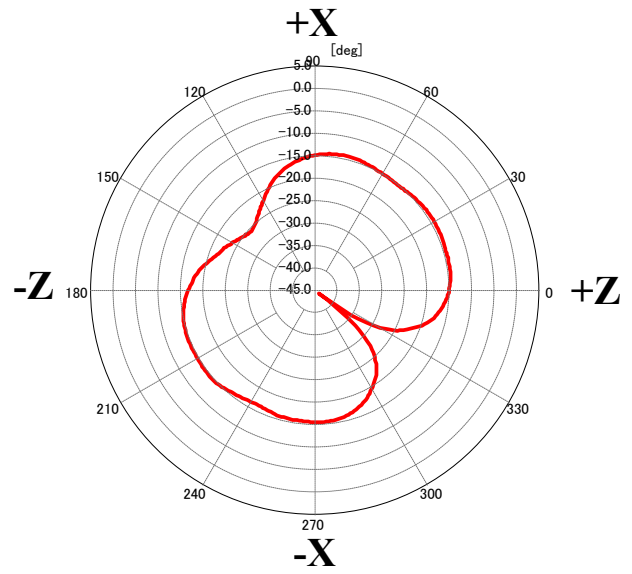
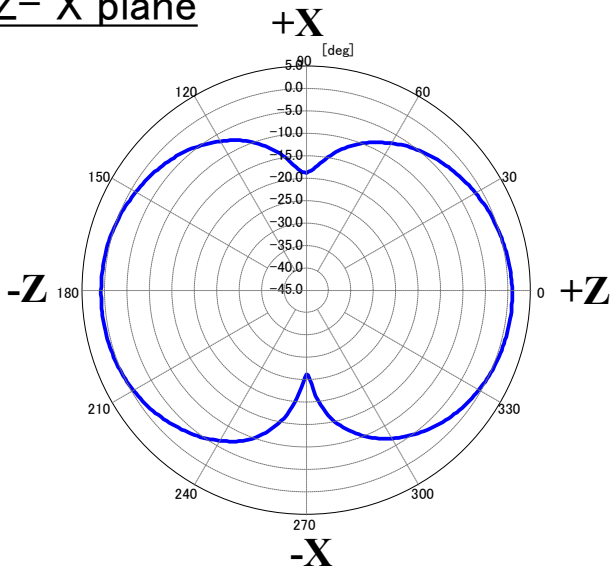


7-4. 指向特性 ···· 1428MHz

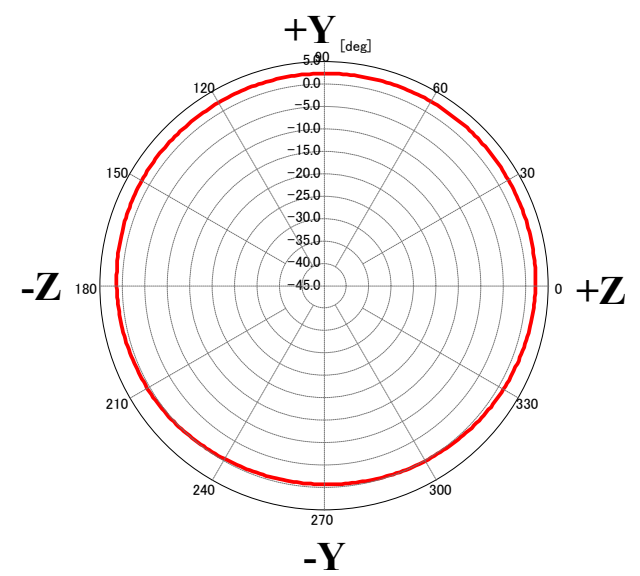
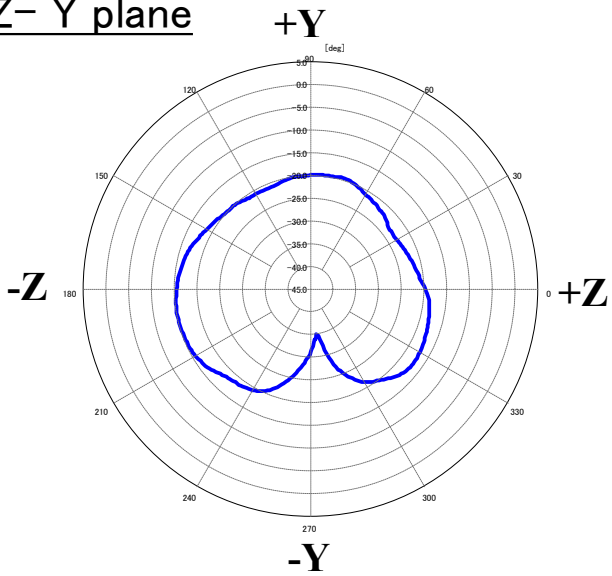
— 水平偏波

— 垂直偏波

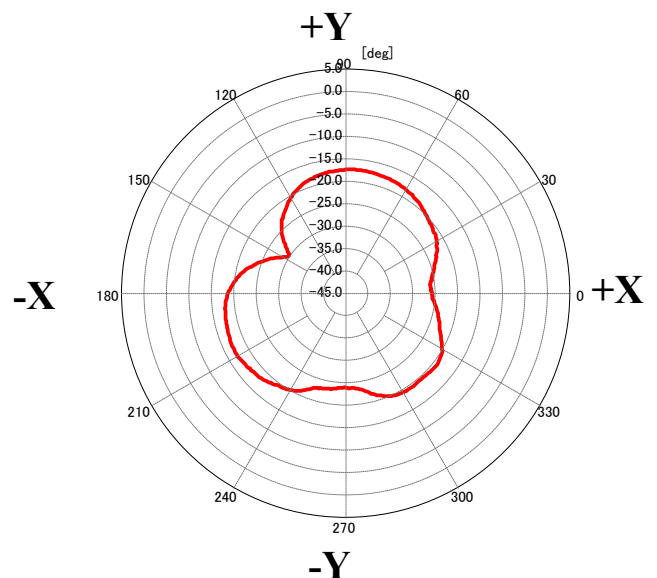
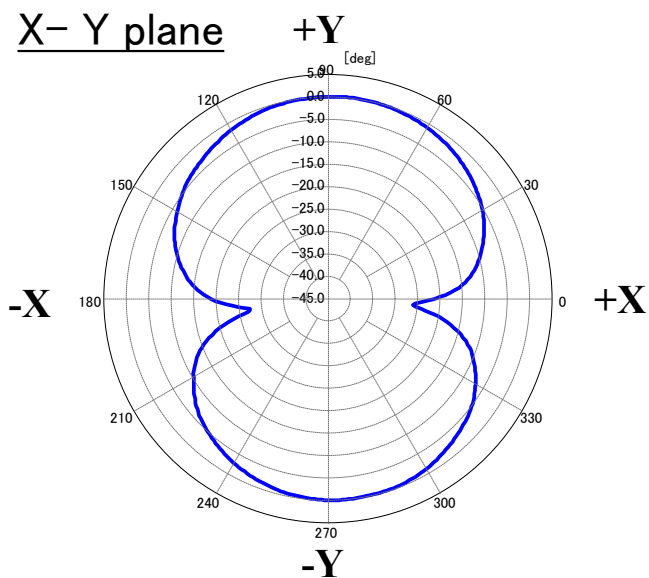
Z- X plane



Z- Y plane



X- Y plane

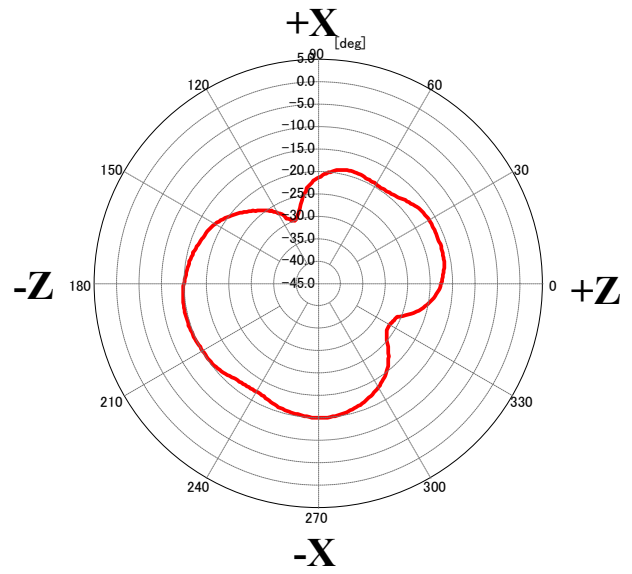
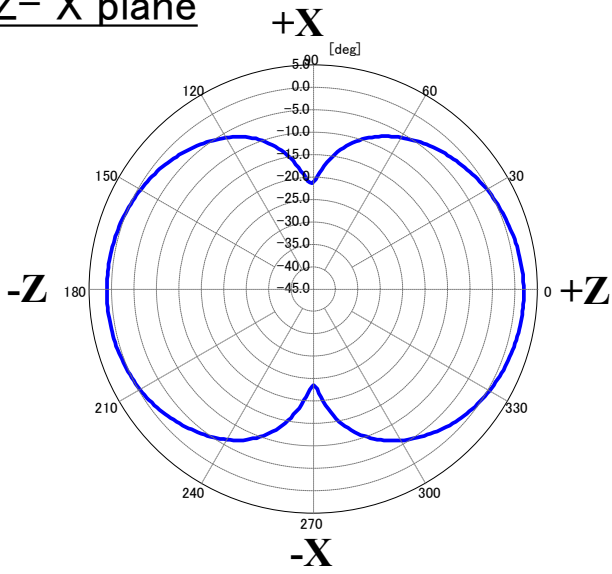


7-4. 指向特性 ···· 1448MHz

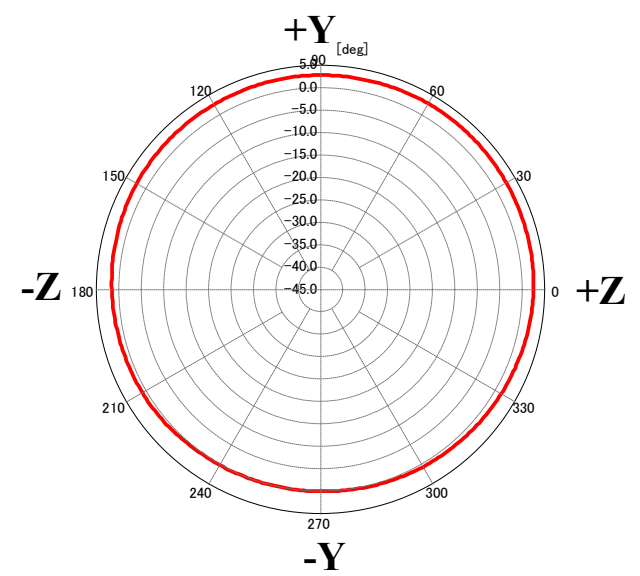
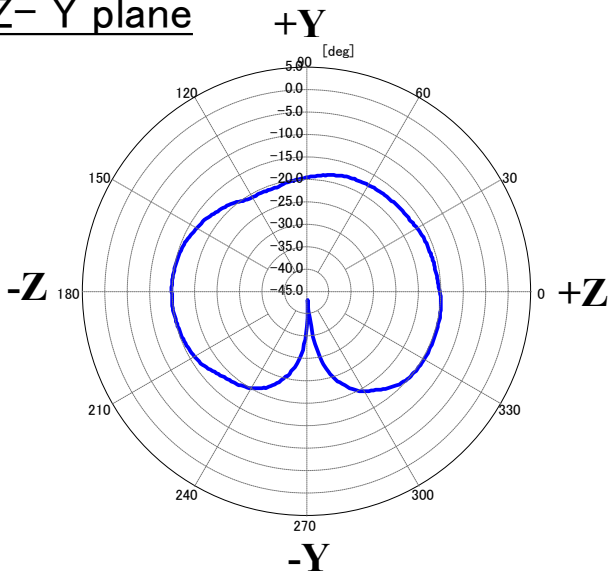
—— 水平偏波

—— 垂直偏波

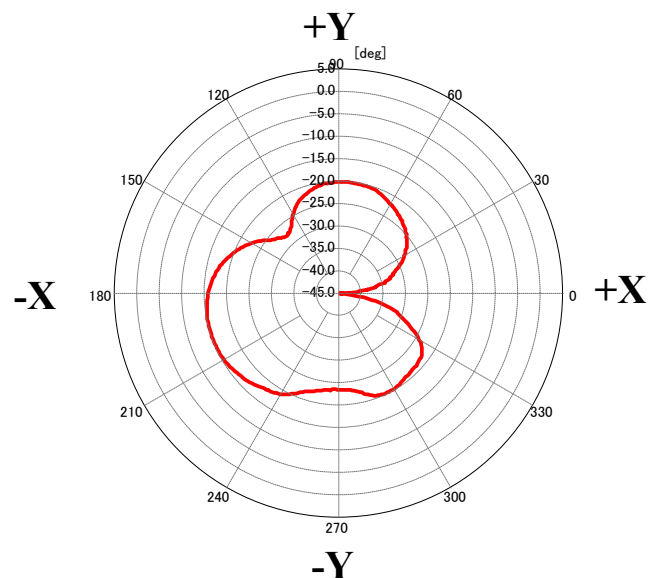
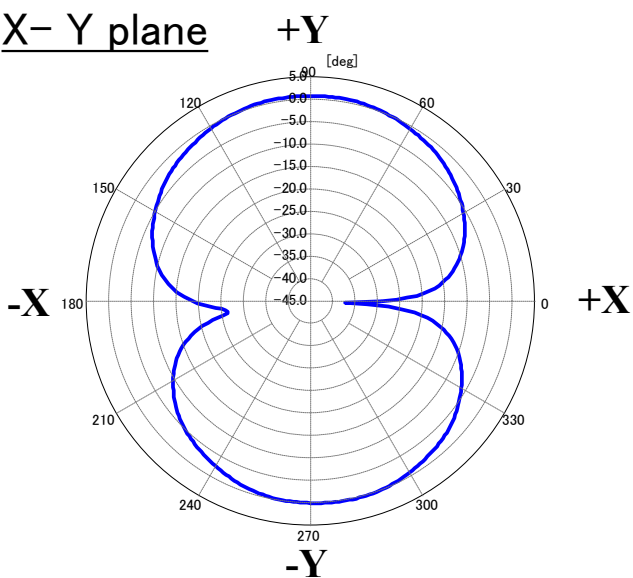
Z- X plane



Z- Y plane



X- Y plane

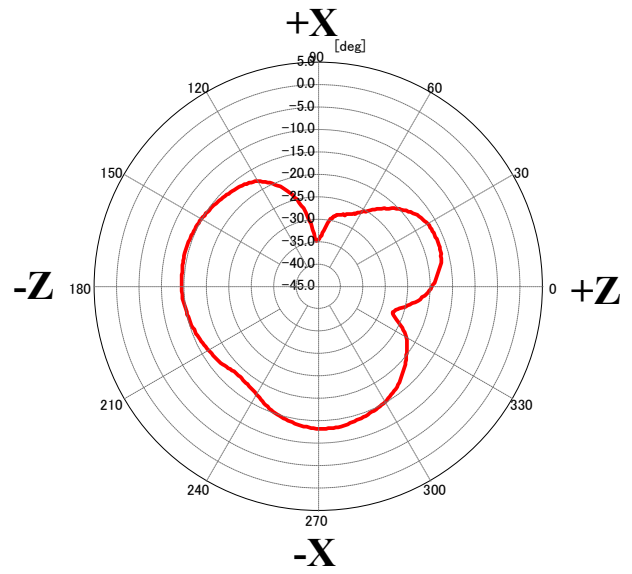
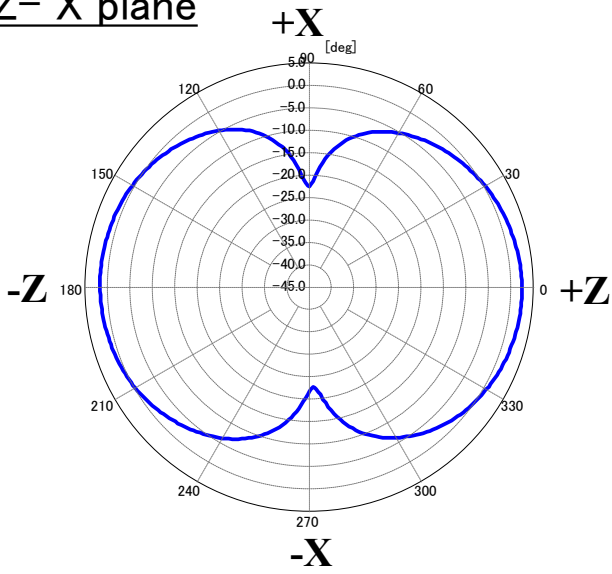


7-4. 指向特性 ···· 1463MHz

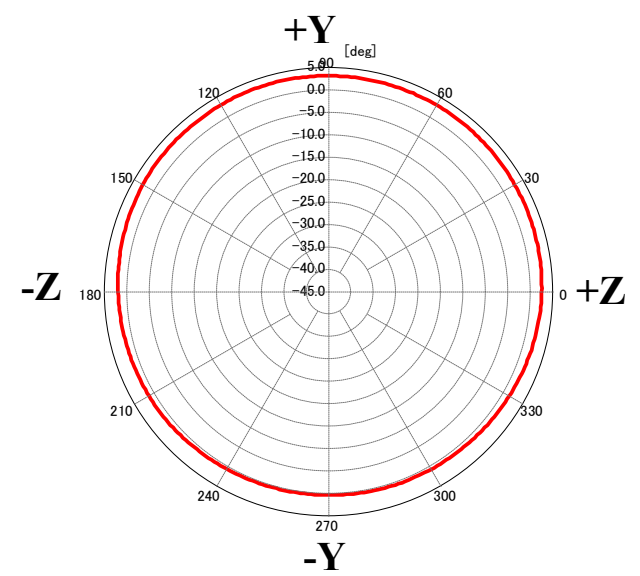
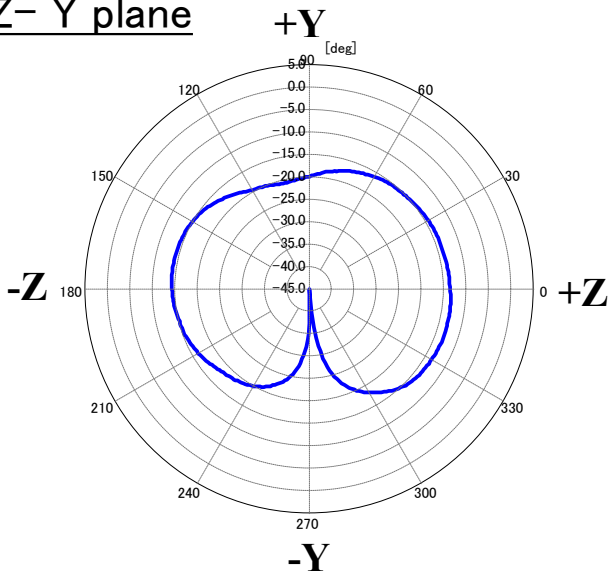
— 水平偏波

— 垂直偏波

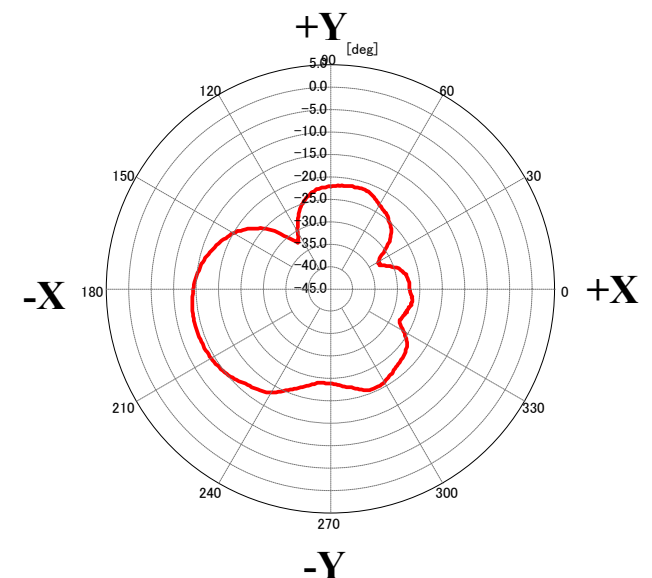
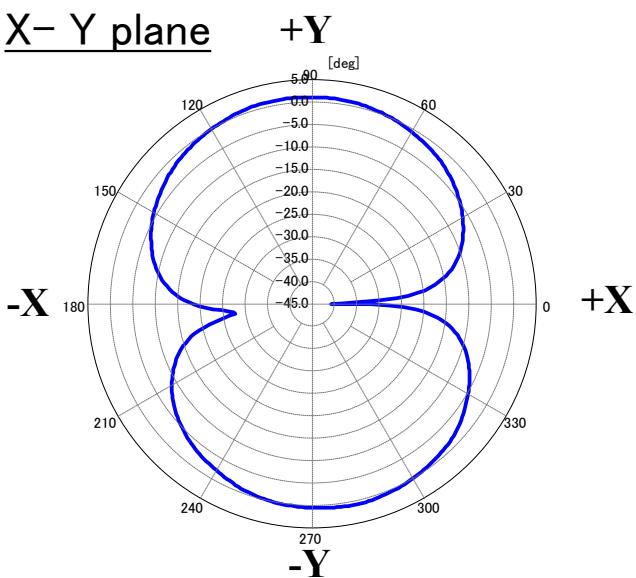
Z- X plane



Z- Y plane



X- Y plane

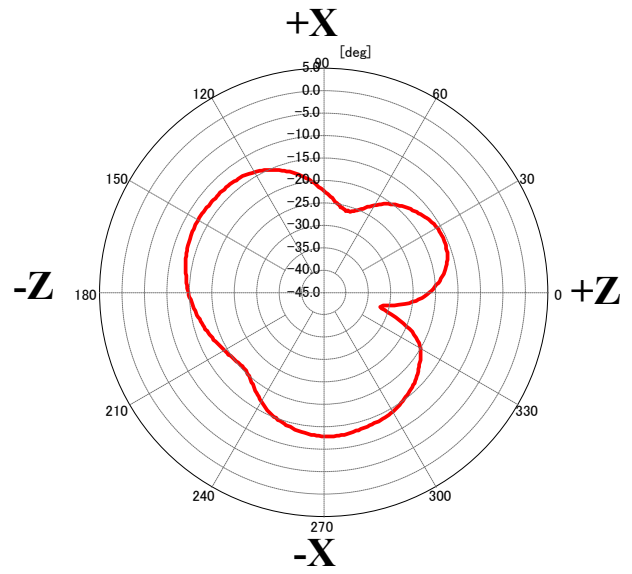
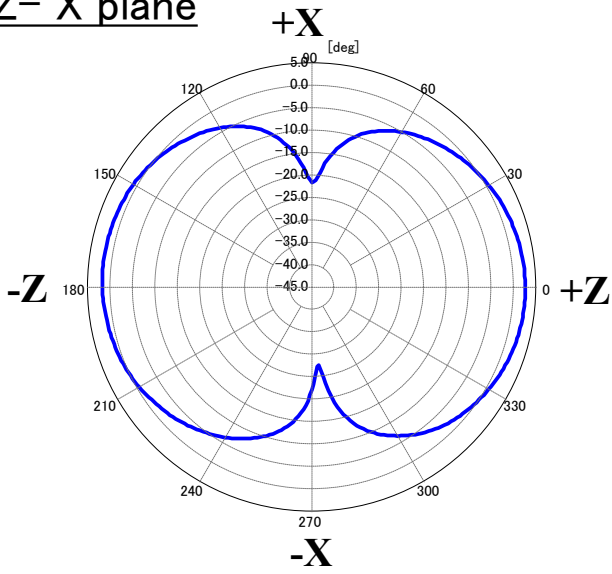


7-4. 指向特性 ···· 1476MHz

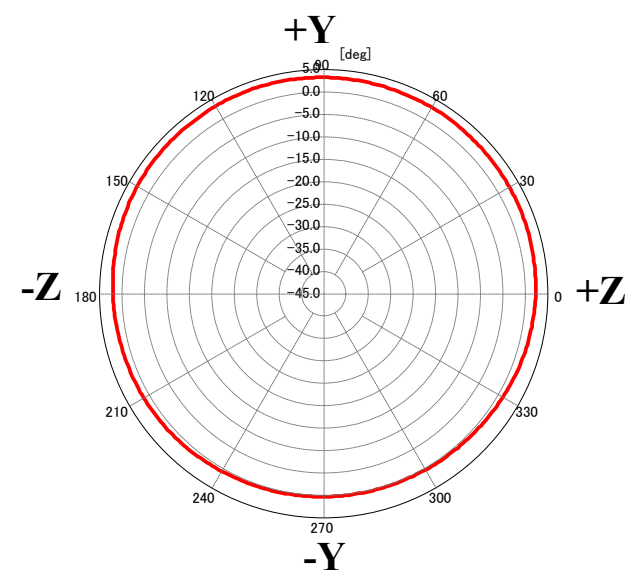
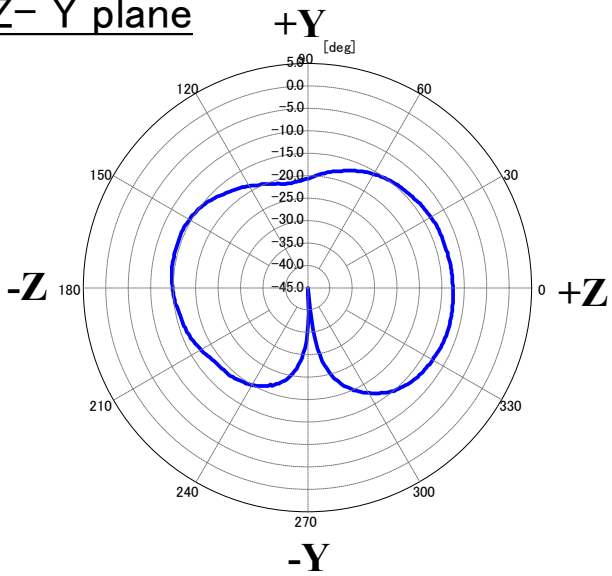
— 水平偏波

— 垂直偏波

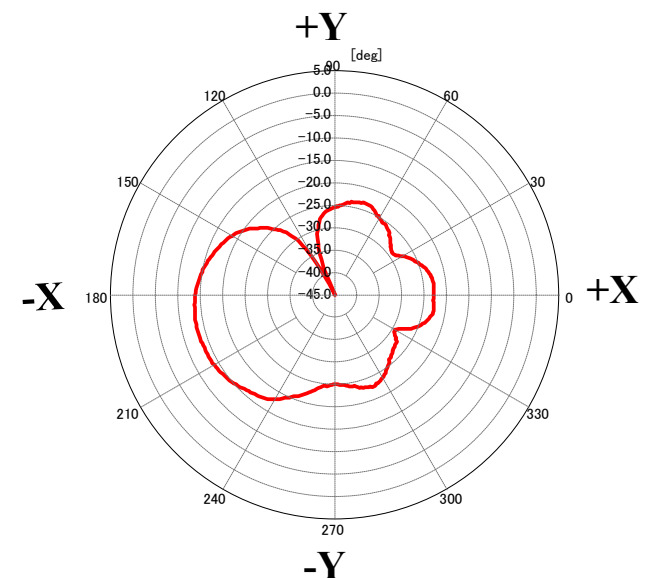
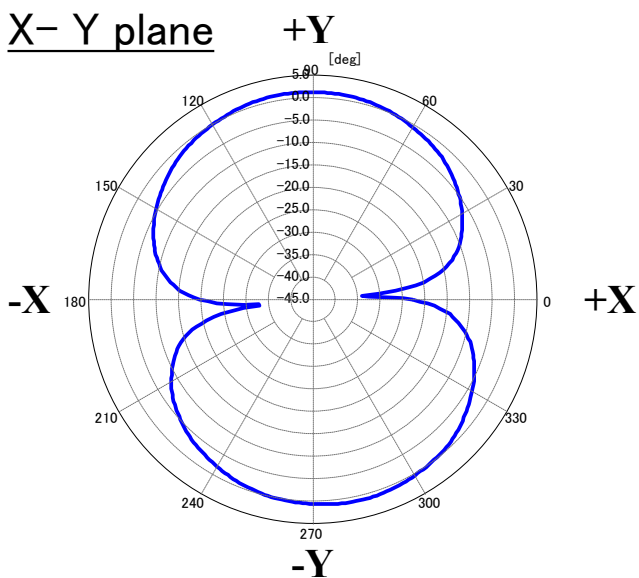
Z- X plane



Z- Y plane



X- Y plane

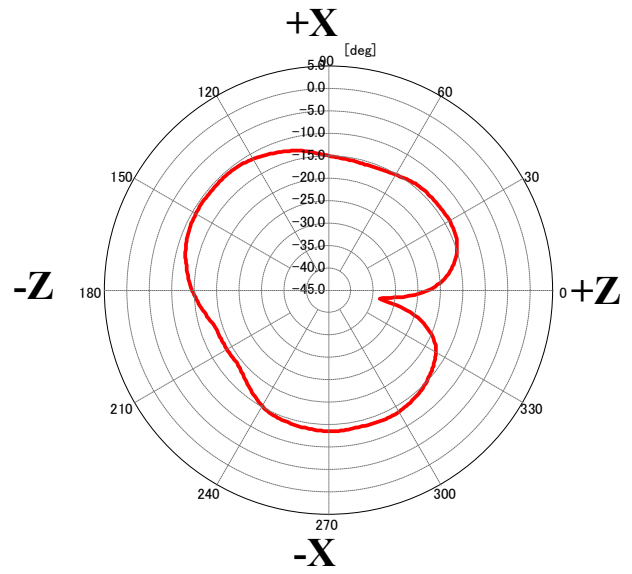
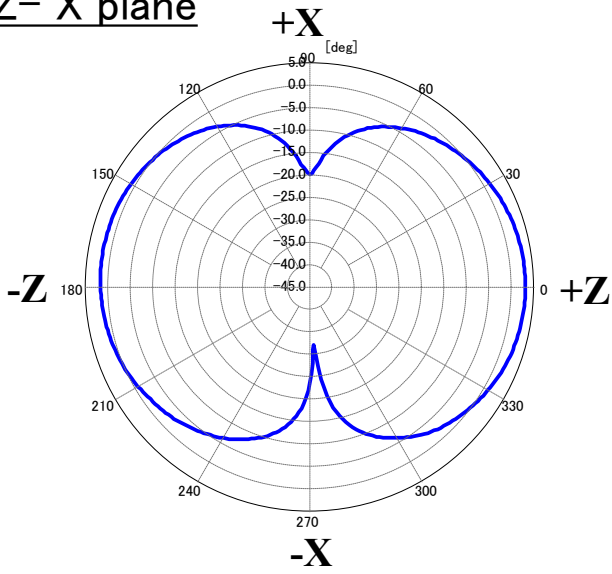


7-4. 指向特性 ···· 1496MHz

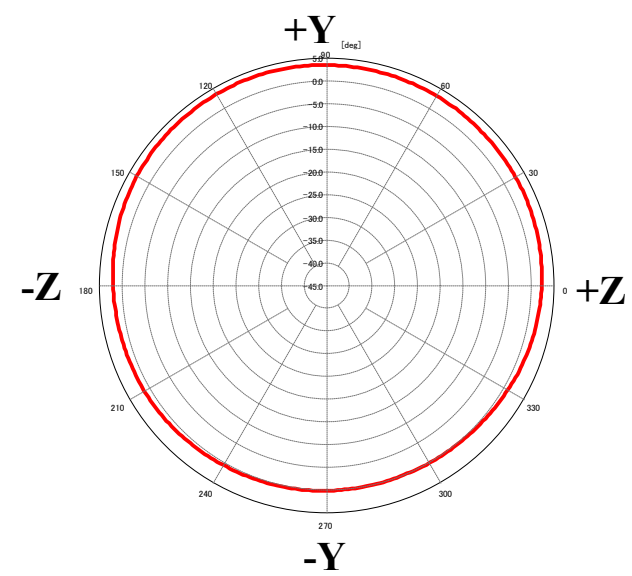
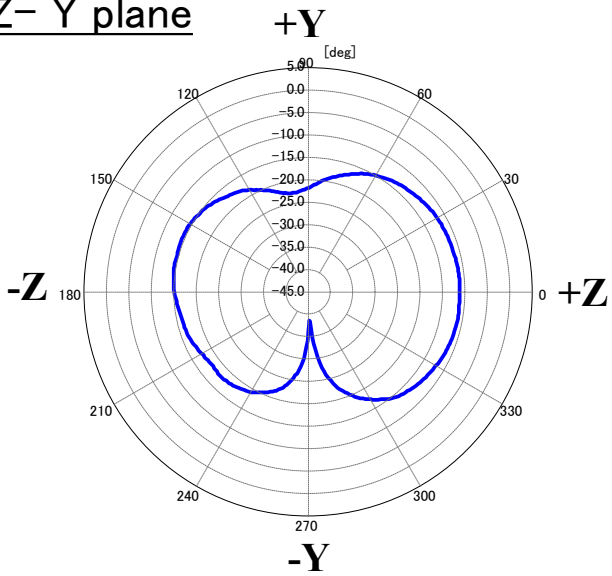
— 水平偏波

— 垂直偏波

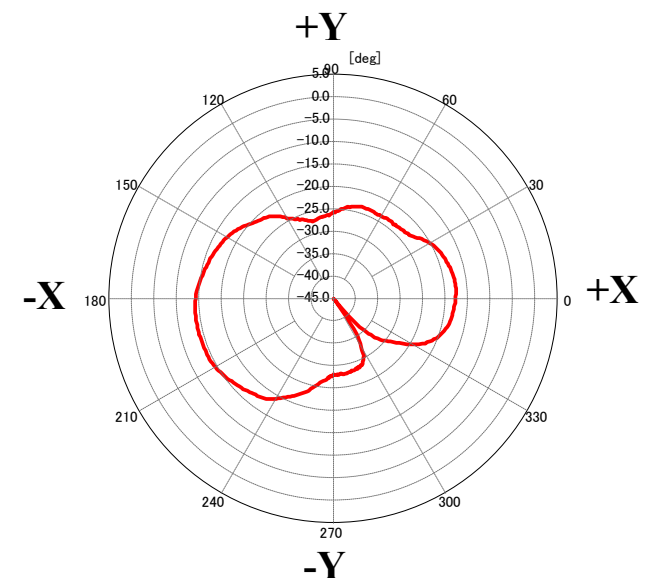
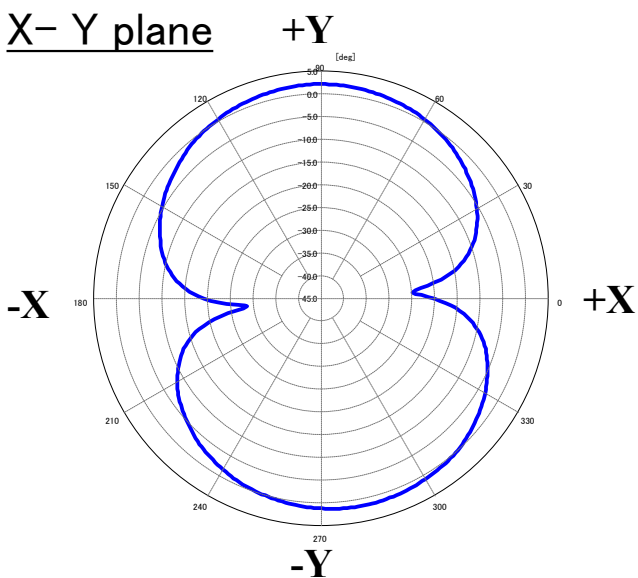
Z- X plane



Z- Y plane



X- Y plane

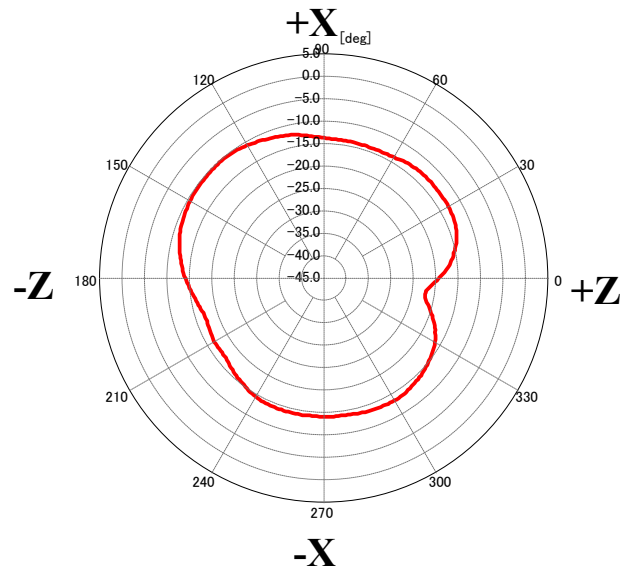
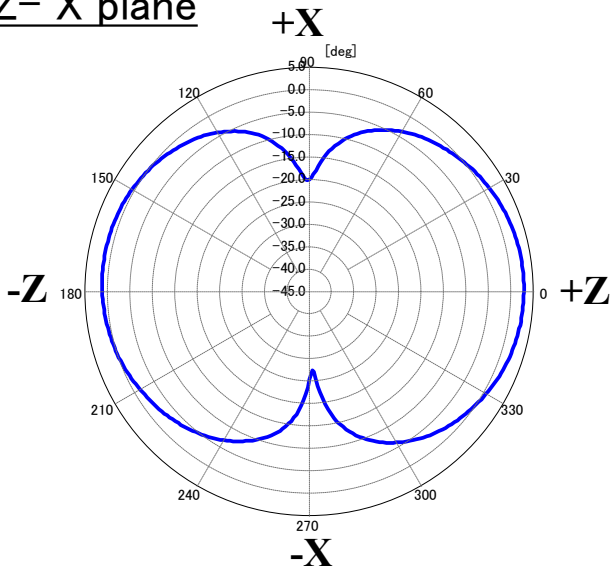


7-4. 指向特性 ···· 1511MHz

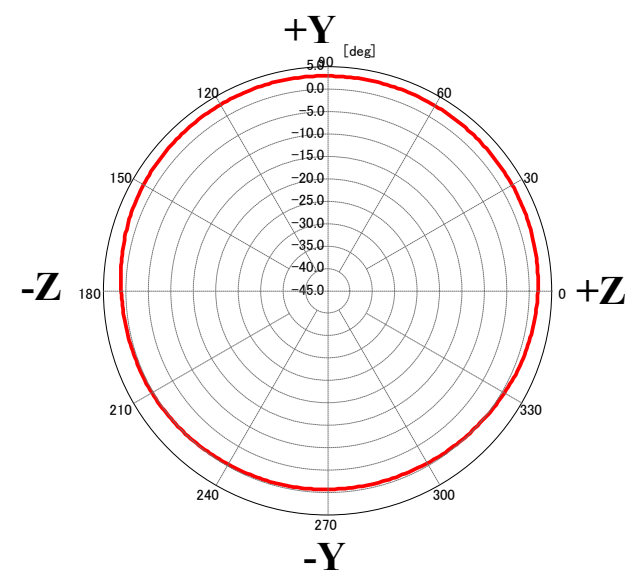
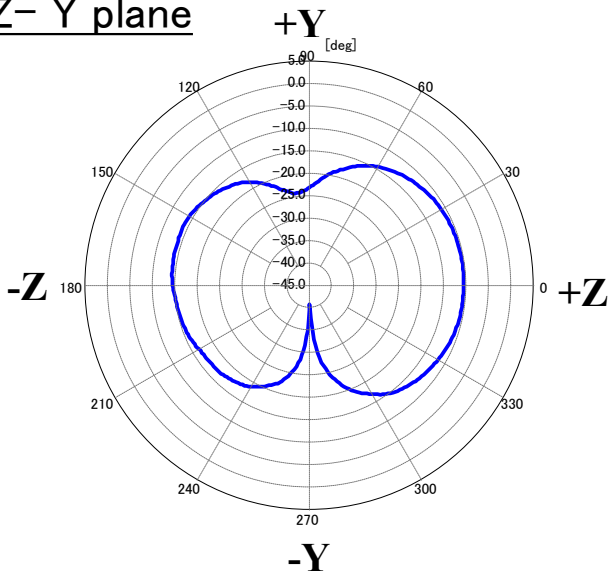
—— 水平偏波

—— 垂直偏波

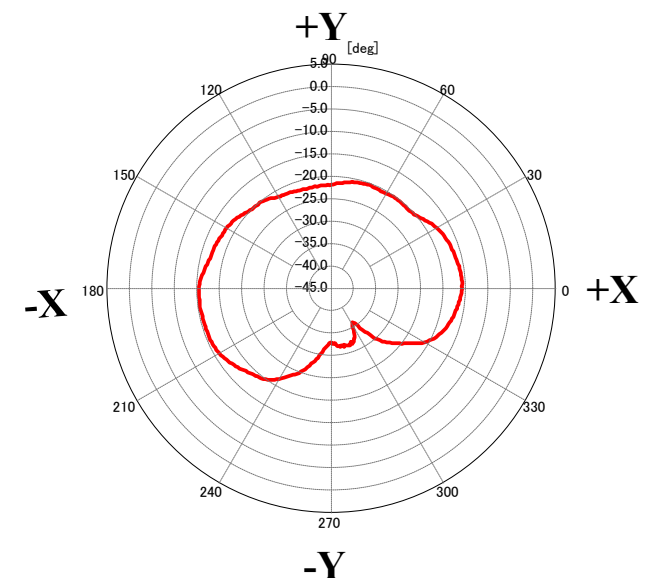
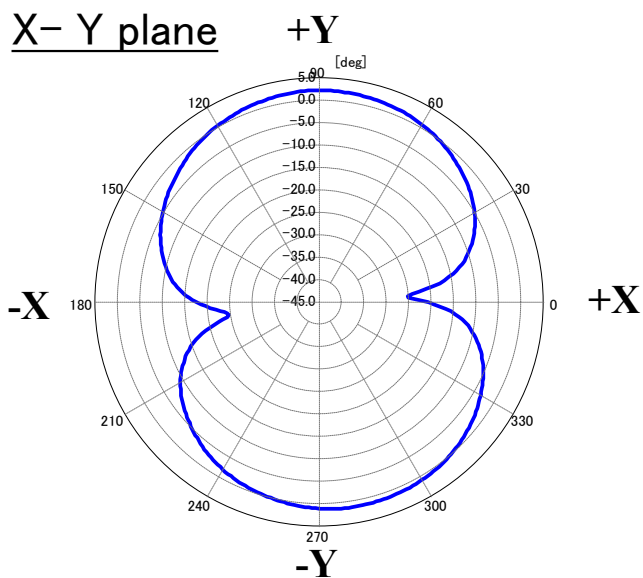
Z- X plane



Z- Y plane



X- Y plane

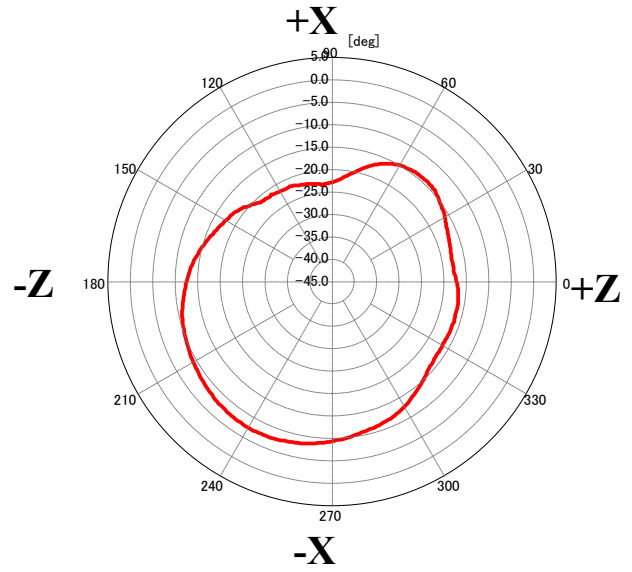
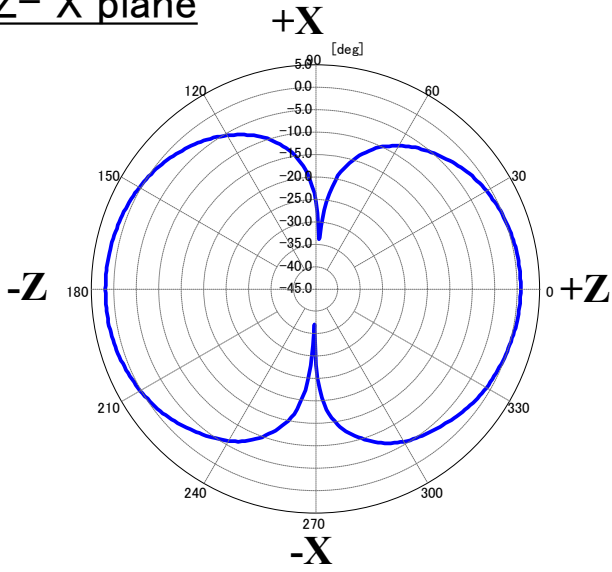


7-4. 指向特性 ···· 1710MHz

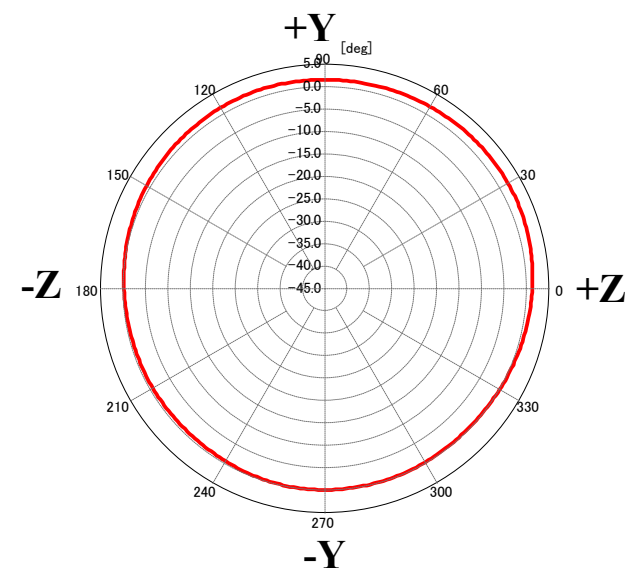
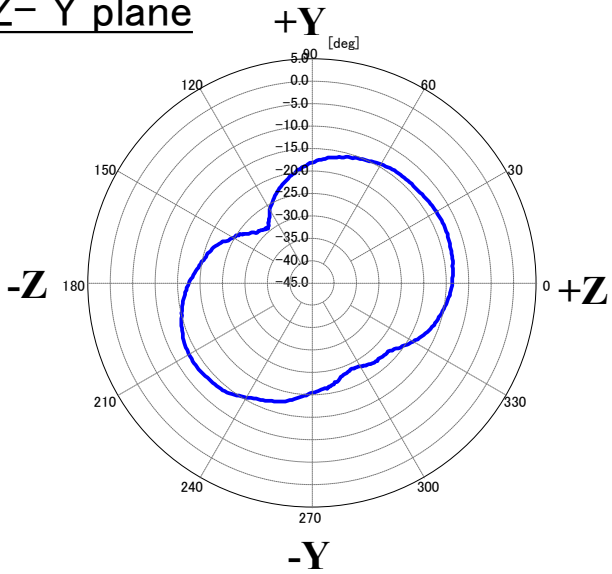
— 水平偏波

— 垂直偏波

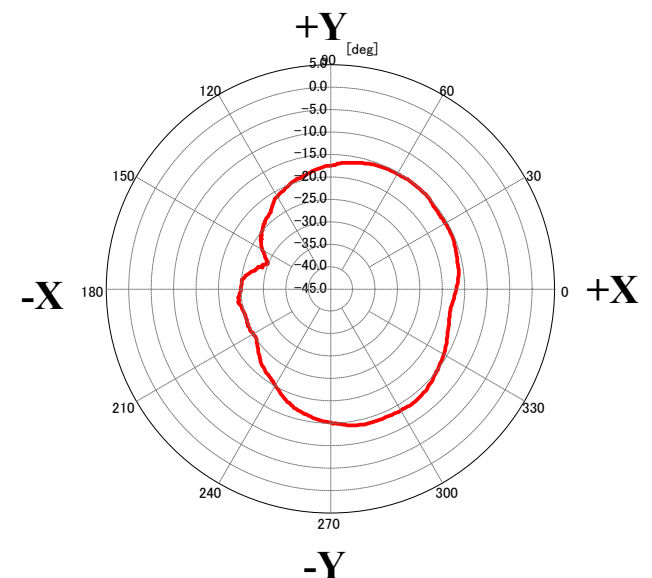
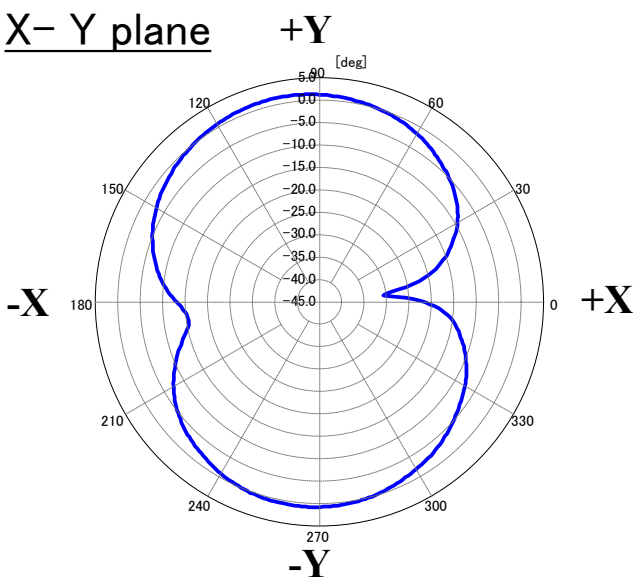
Z- X plane



Z- Y plane



X- Y plane

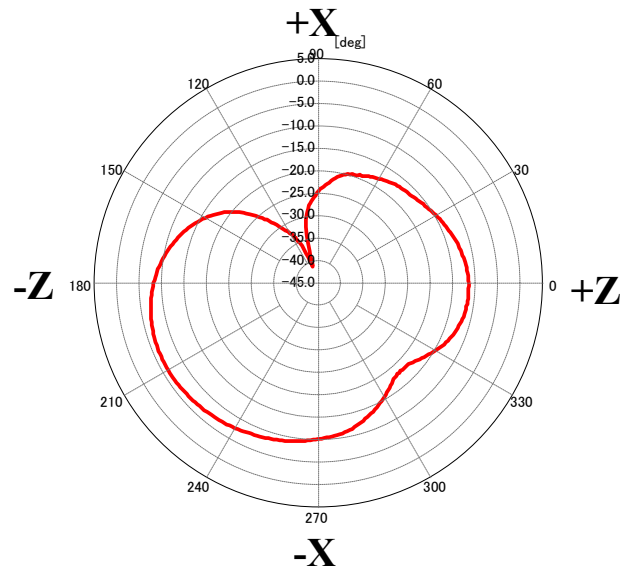
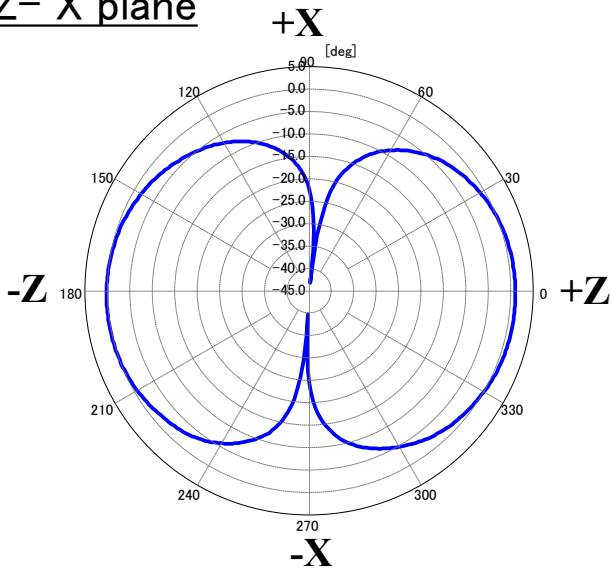


7-4. 指向特性 ···· 1785MHz

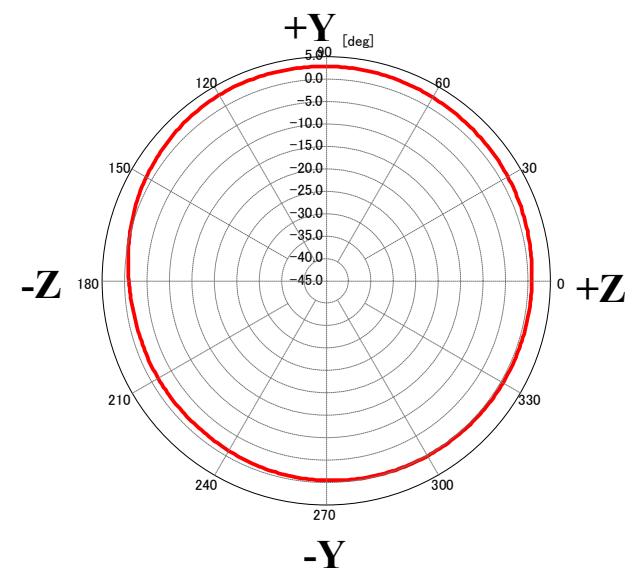
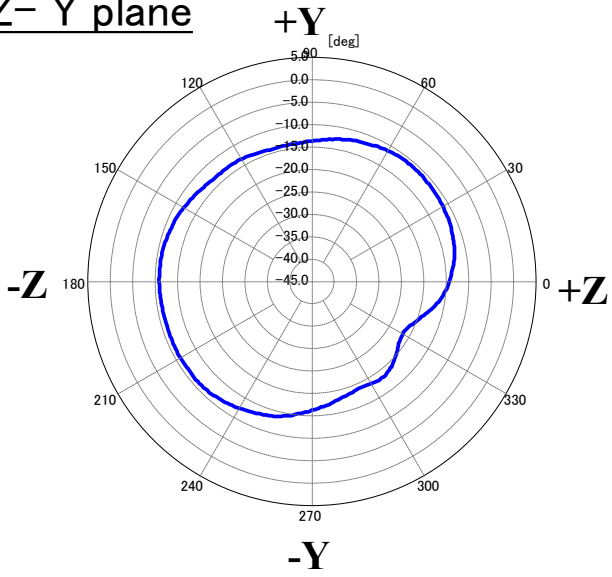
— 水平偏波

— 垂直偏波

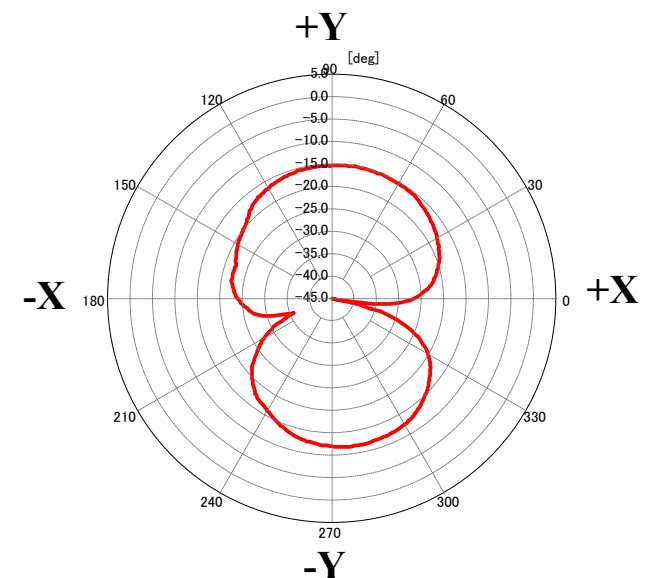
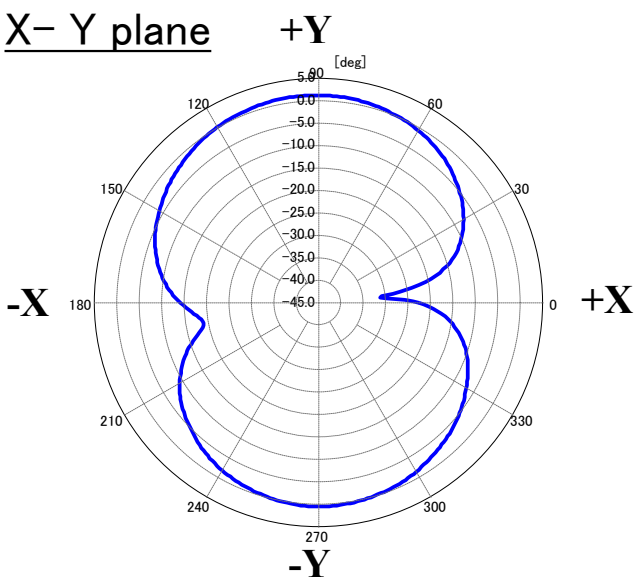
Z- X plane



Z- Y plane



X- Y plane

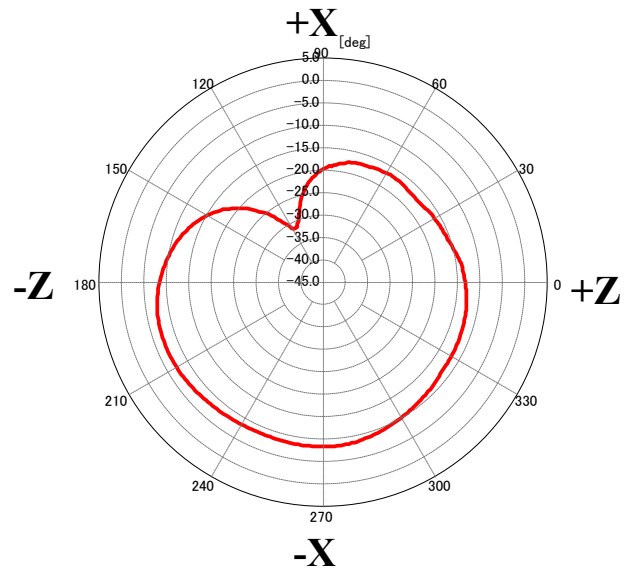
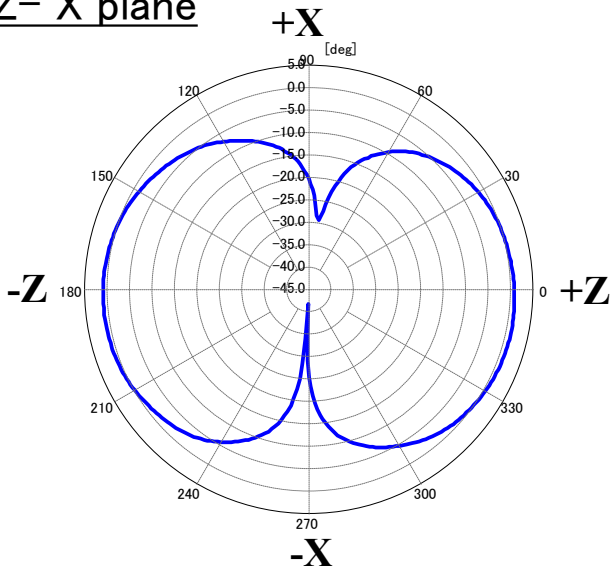


7-4. 指向特性 ···· 1805MHz

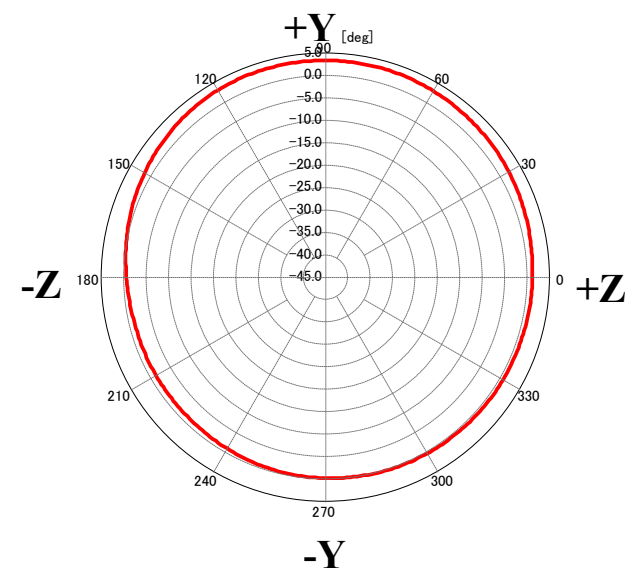
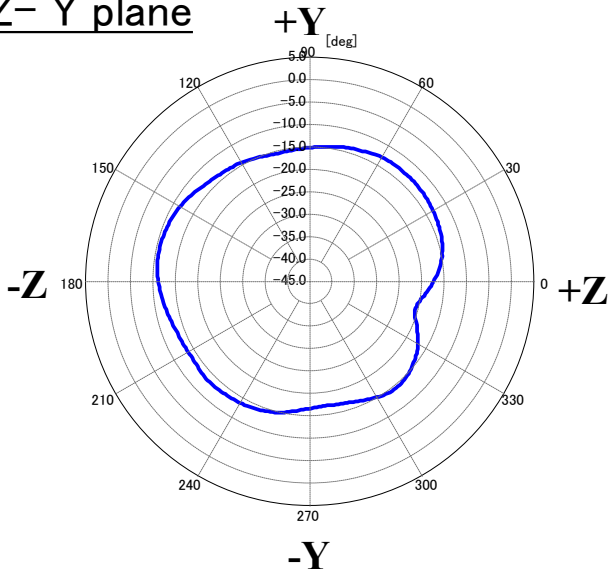
— 水平偏波

— 垂直偏波

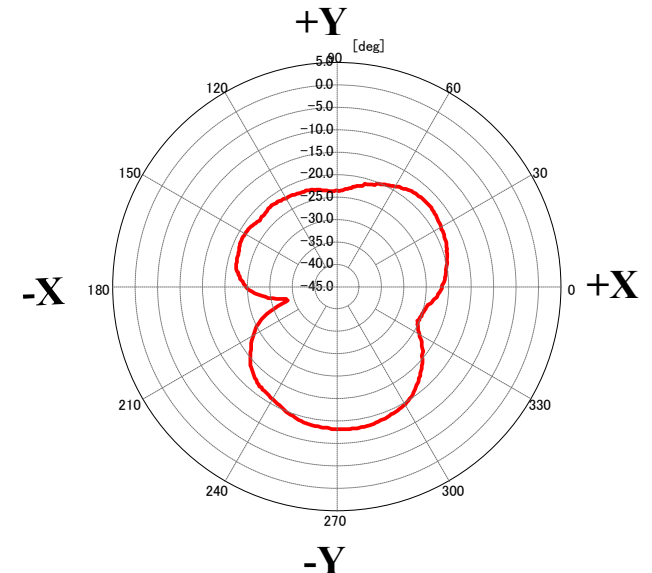
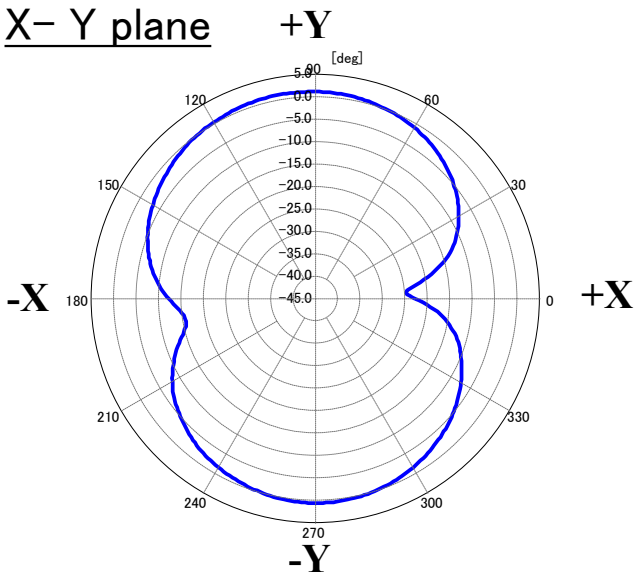
Z- X plane



Z- Y plane



X- Y plane

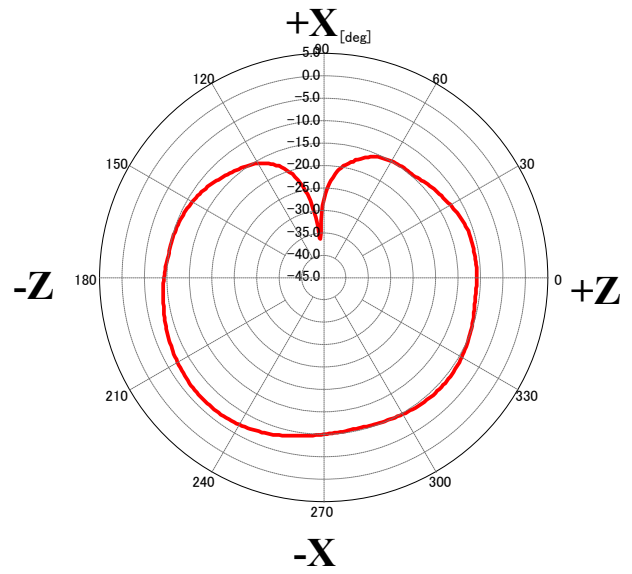
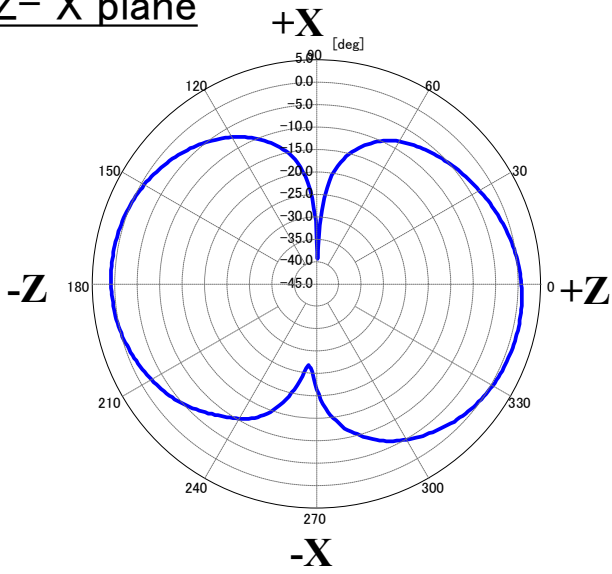


7-4. 指向特性 ···· 1880MHz

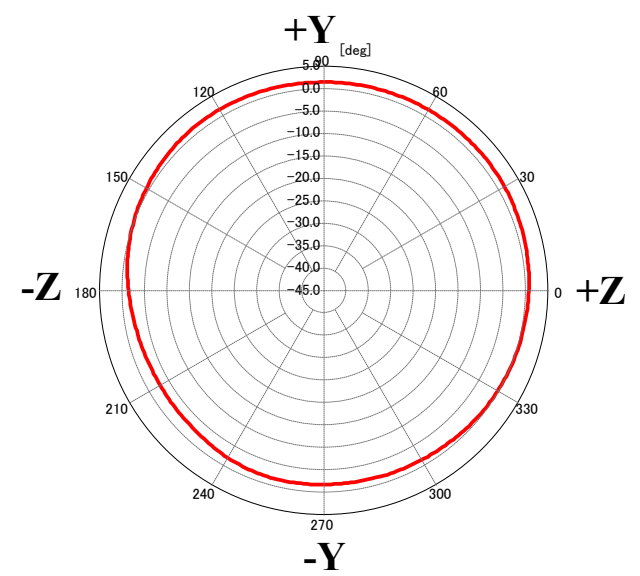
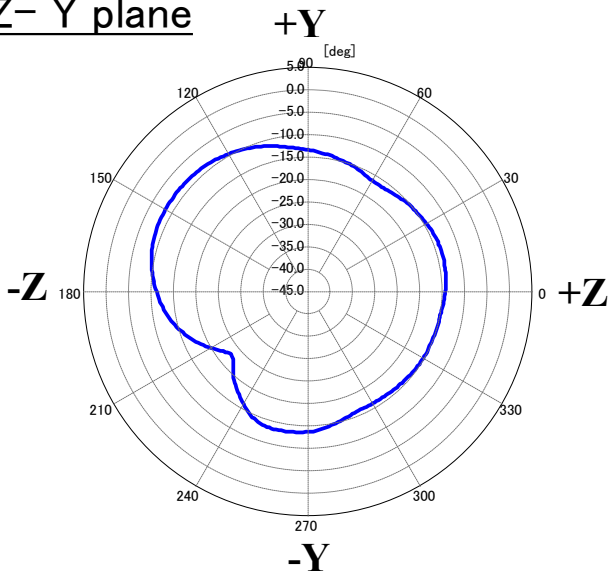
— 水平偏波

— 垂直偏波

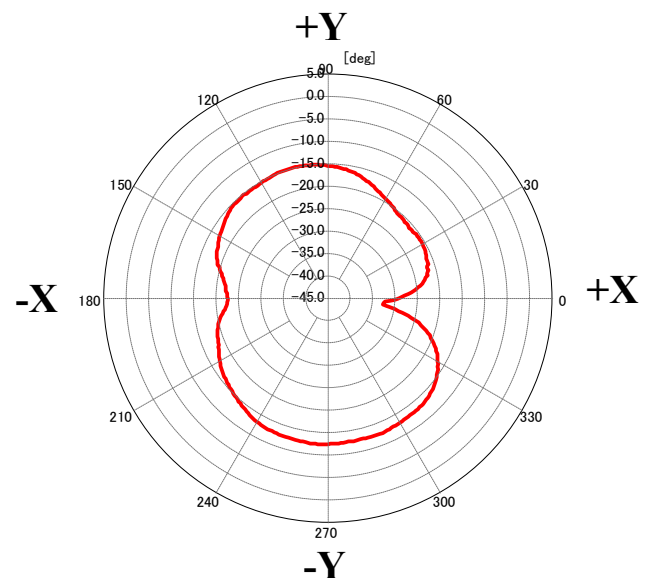
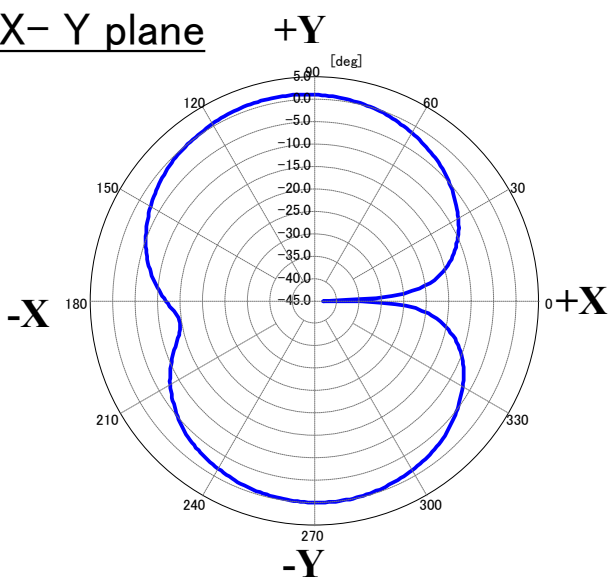
Z- X plane



Z- Y plane



X- Y plane

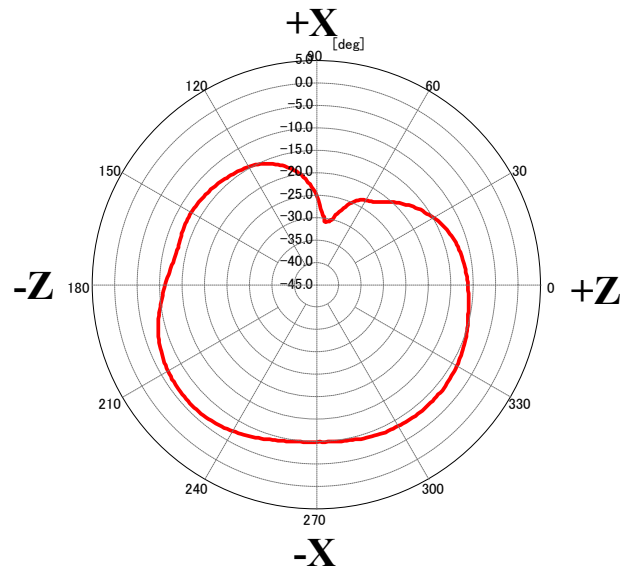
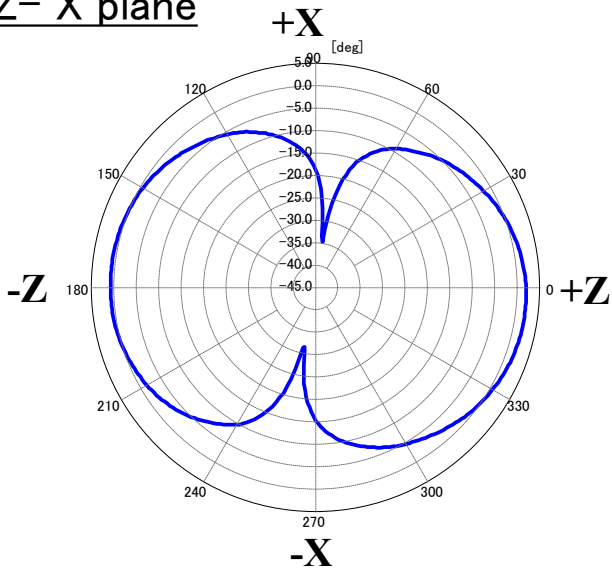


7-4. 指向特性 ···· 1920MHz

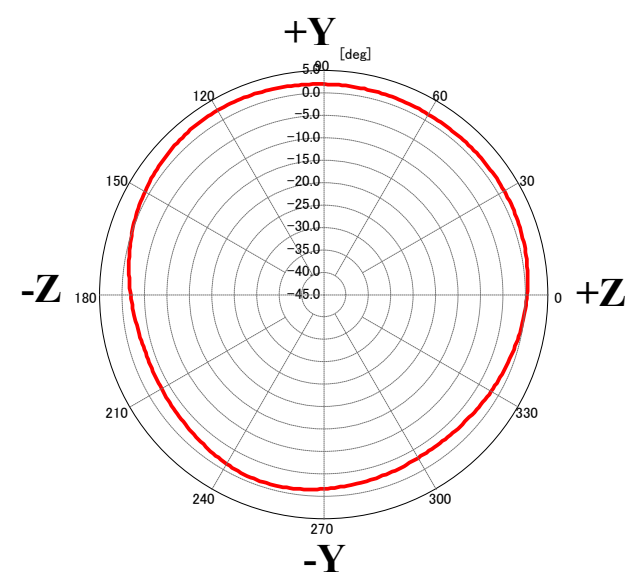
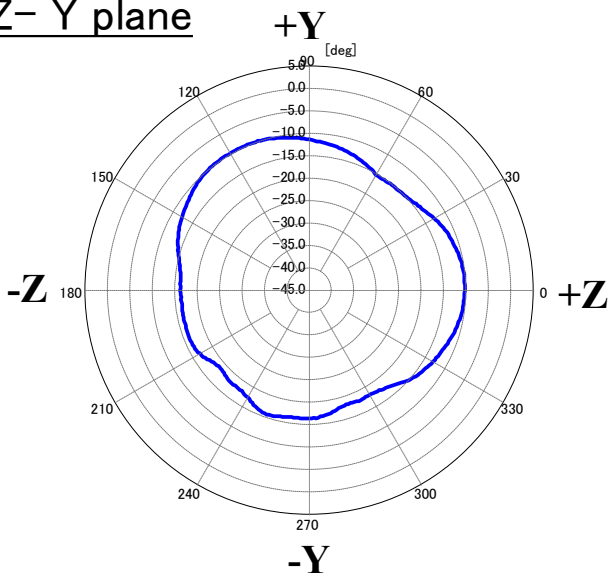
— 水平偏波

— 垂直偏波

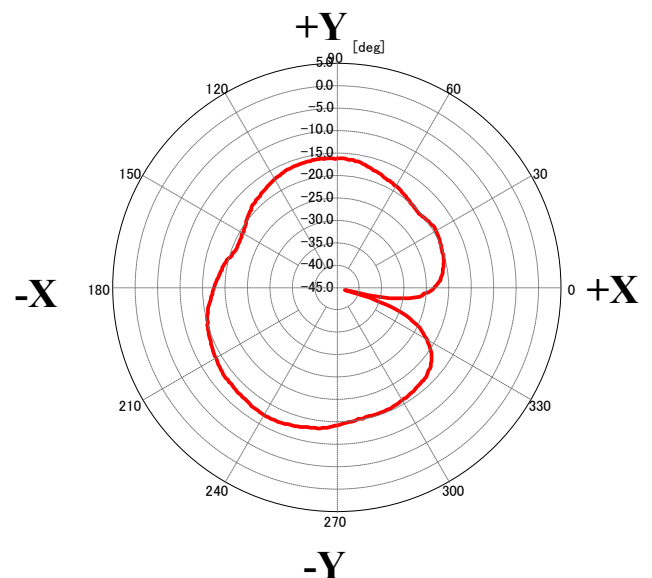
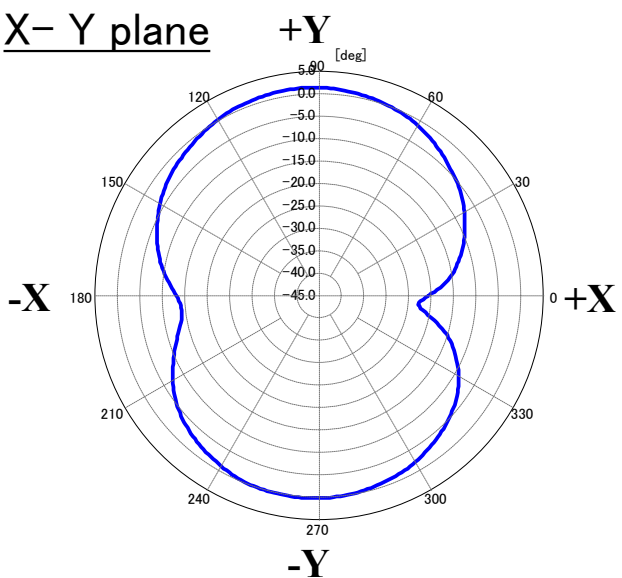
Z- X plane



Z- Y plane



X- Y plane

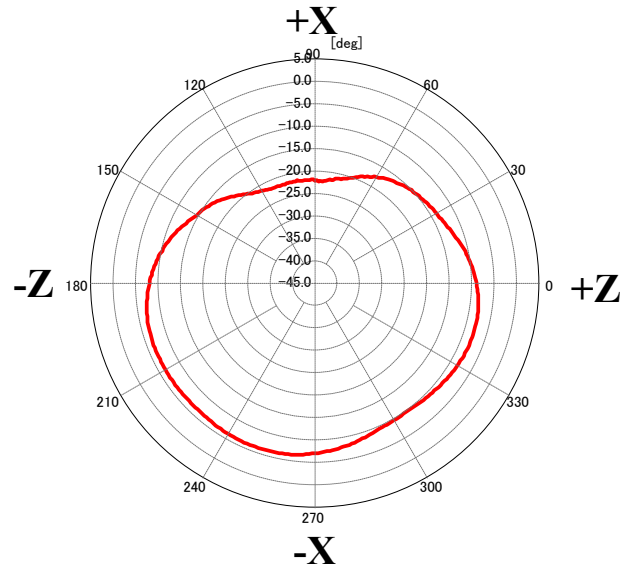
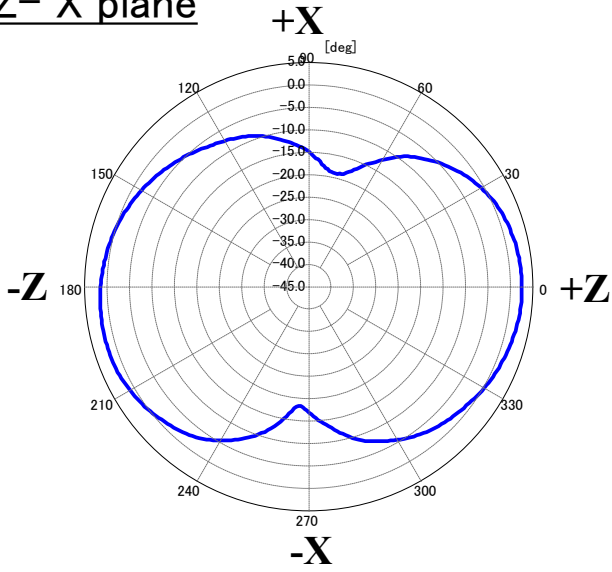


7-4. 指向特性 ···· 1980MHz

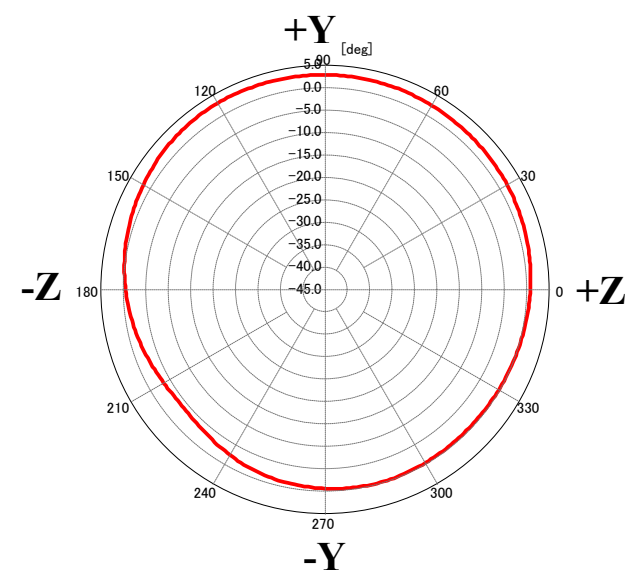
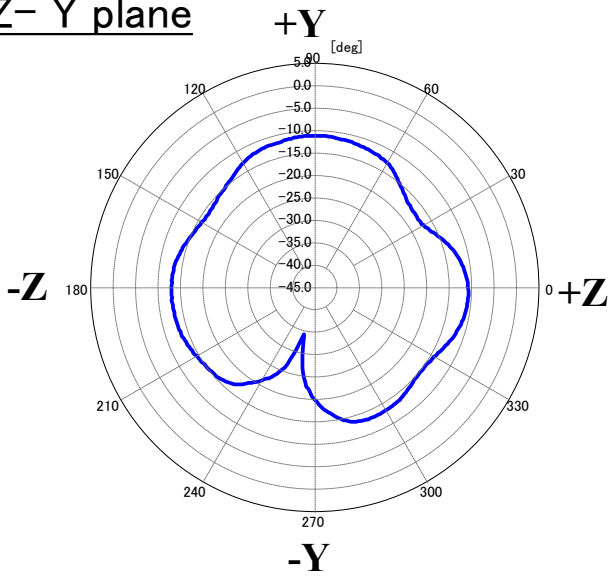
— 水平偏波

— 垂直偏波

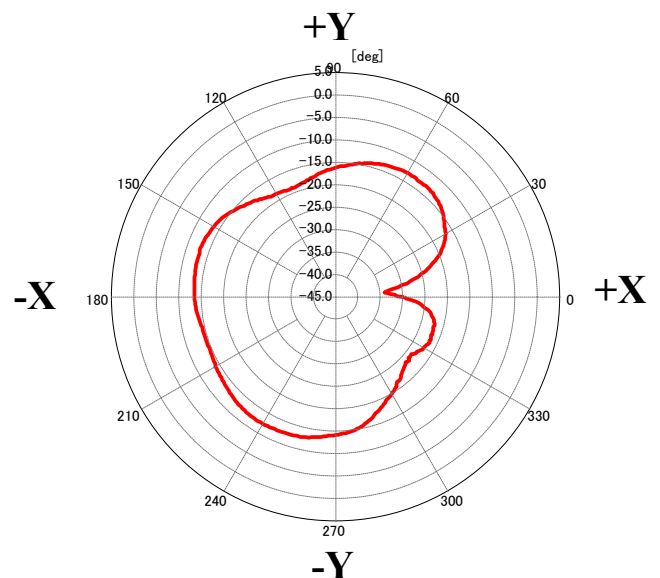
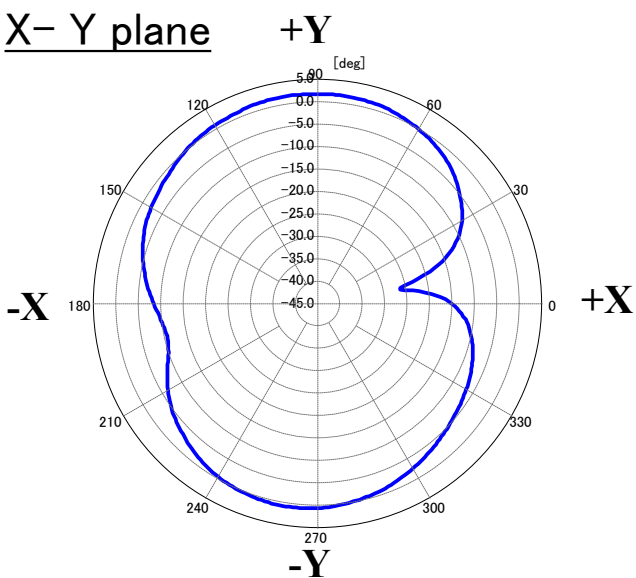
Z- X plane



Z- Y plane



X- Y plane

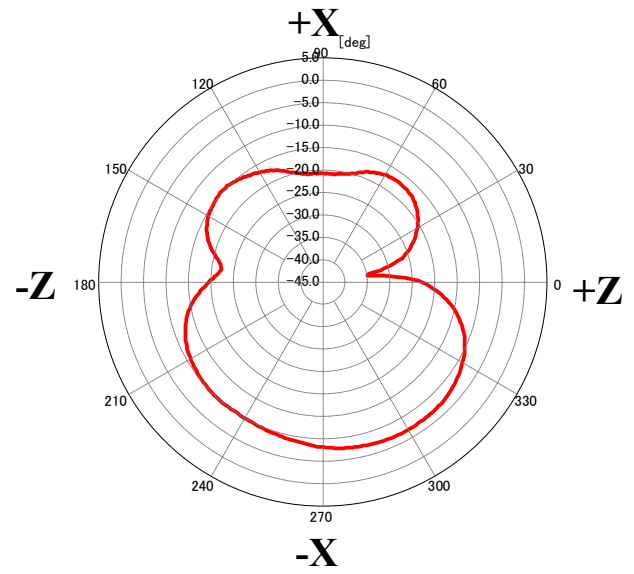
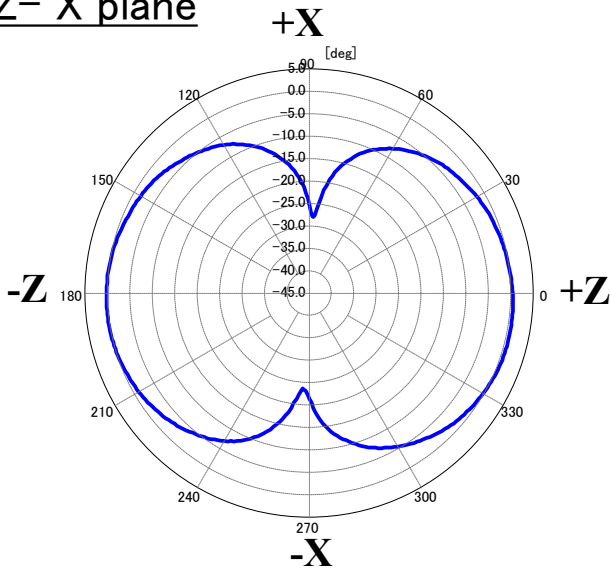


7-4. 指向特性 ···· 2110MHz

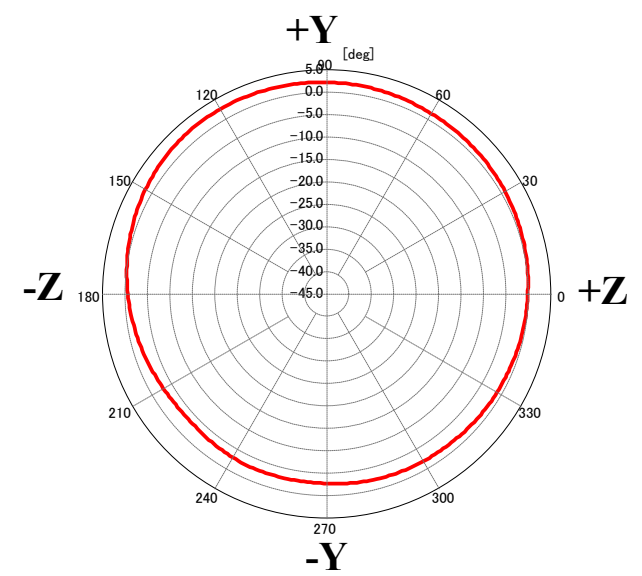
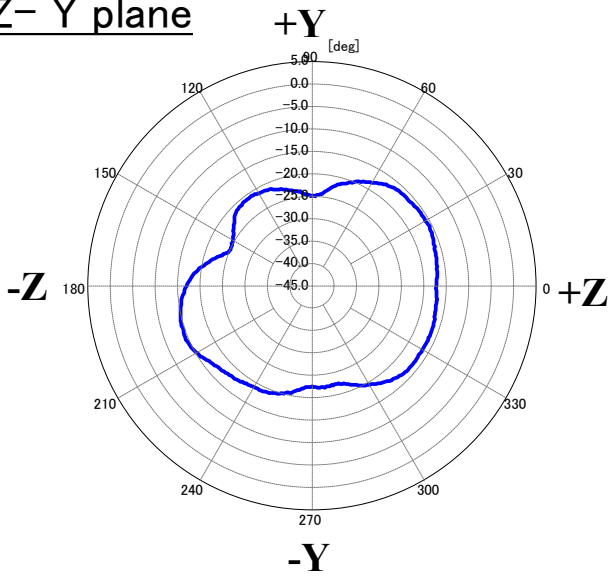
— 水平偏波

— 垂直偏波

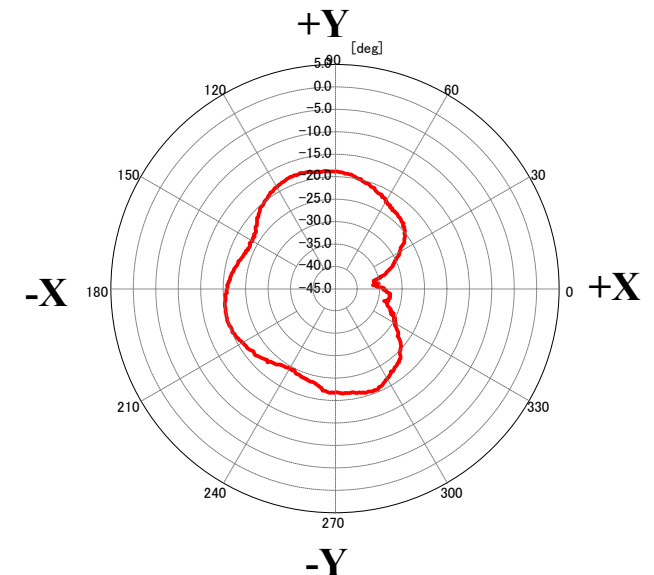
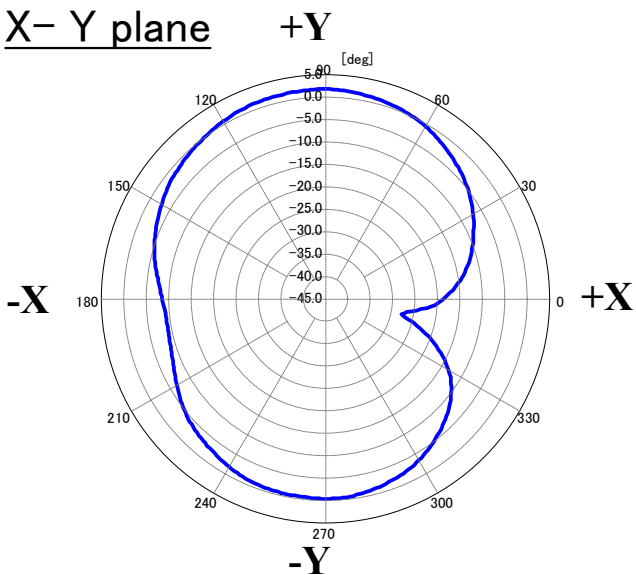
Z- X plane



Z- Y plane



X- Y plane

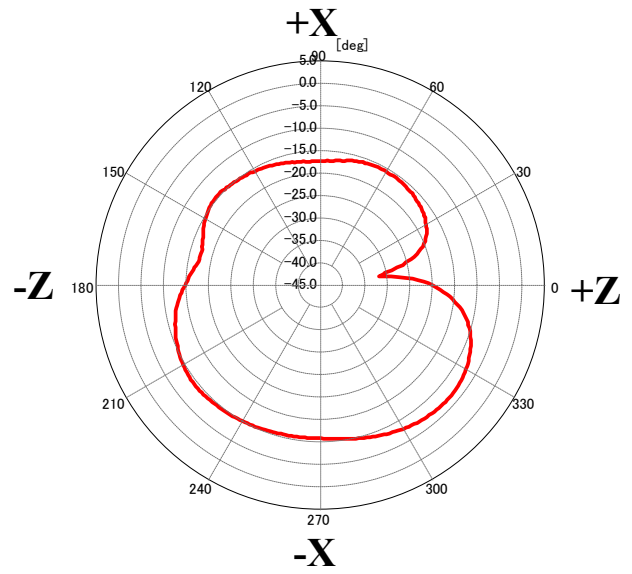
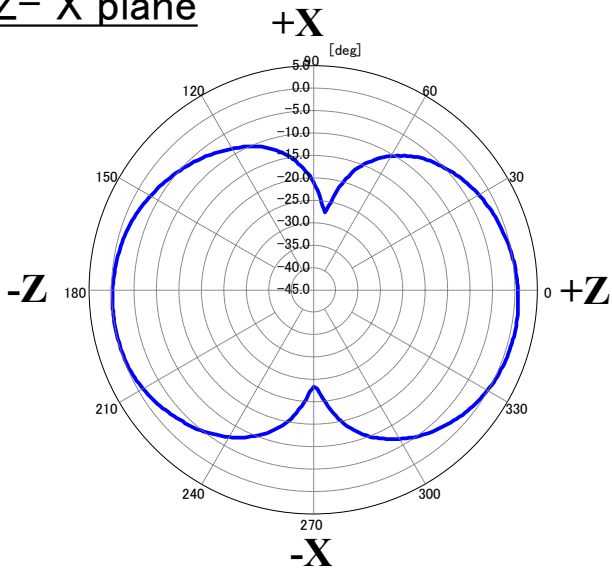


7-4. 指向特性 ···· 2170MHz

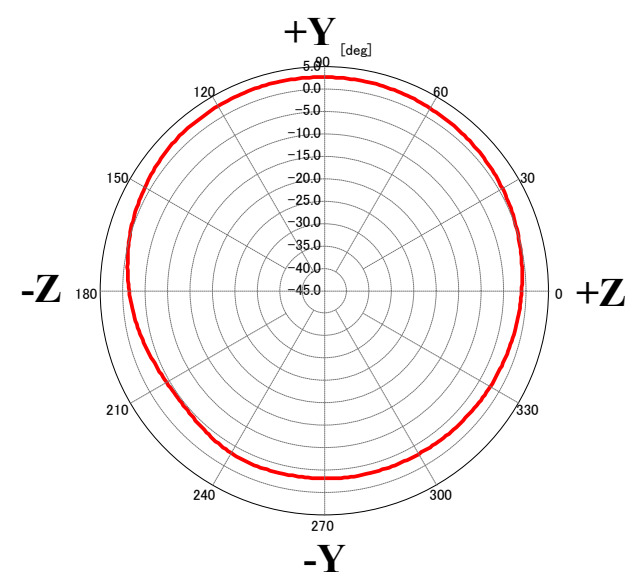
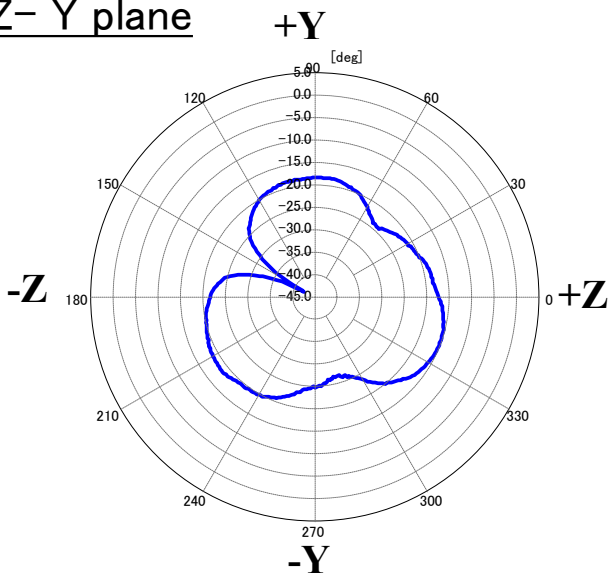
— 水平偏波

— 垂直偏波

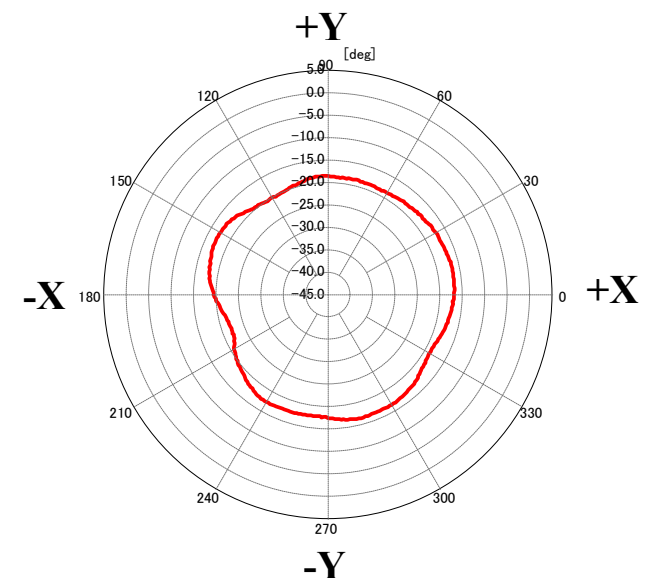
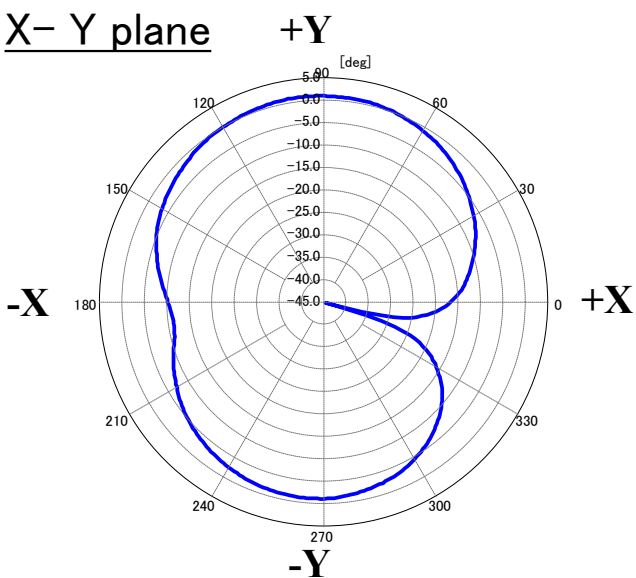
Z- X plane



Z- Y plane



X- Y plane



8. 外形図

