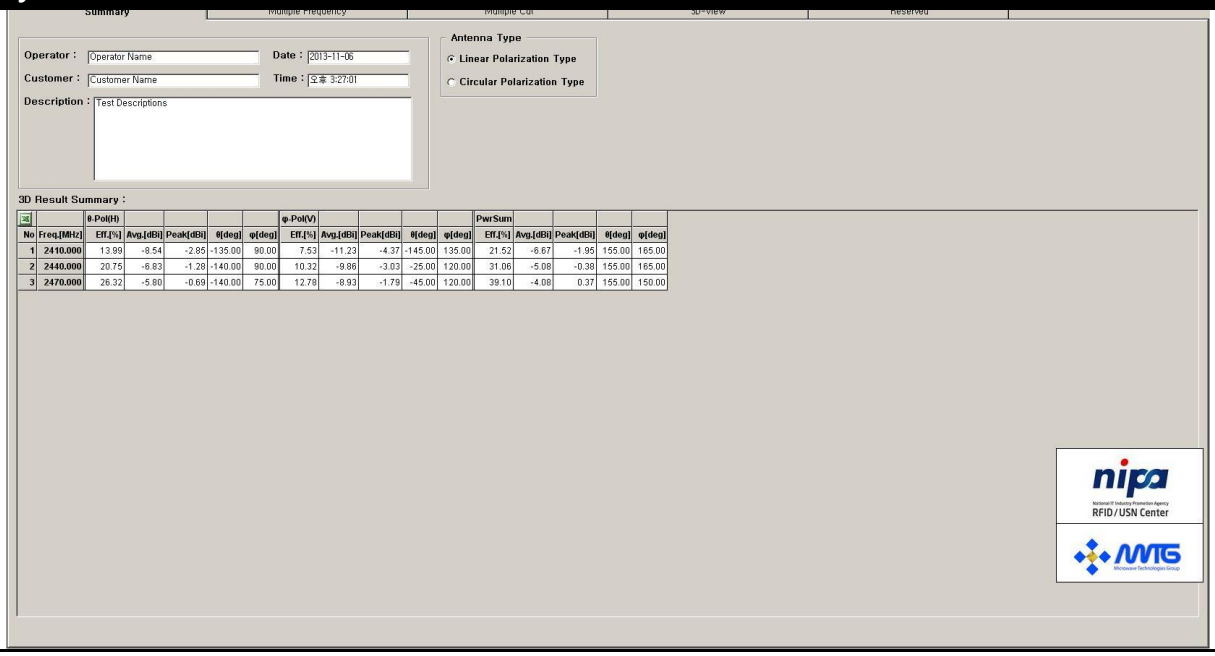
Summary

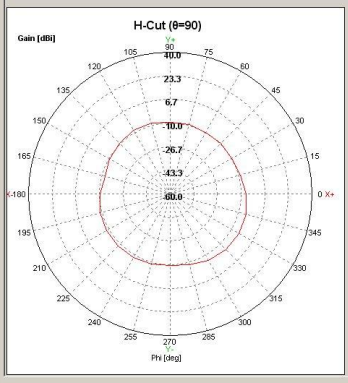


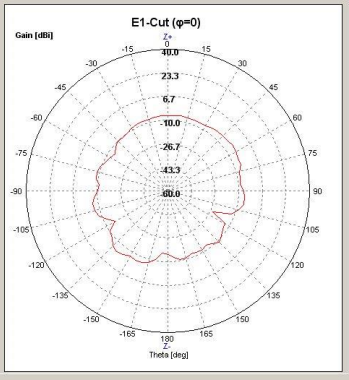
		θ-Pol(H)					φ-Pol(V)					PwrSum				
No	Freq.[MHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]
1	2410.000	13.99	-8.54	-2.85	-135.00	90.00	7.53	-11.23	-4.37	-145.00	135.00	21.52	-6.67	-1.95	155.00	165.00
2	2440.000	20.75	-6.83	-1.28	-140.00	90.00	10.32	-9.86	-3.03	-25.00	120.00	31.06	-5.08	-0.38	155.00	165.00
3	2470.000	26.32	-5.80	-0.69	-140.00	75.00	12.78	-8.93	-1.79	-45.00	120.00	39.10	-4.08	0.37	155.00	150.00

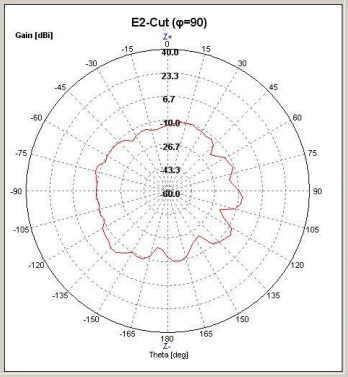
Horizontal

Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

No.	Freq.	θ-Pol(H) Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	H(θ=90) Avg.[dBi]	Peak[dBi]	φ[deg]	BW[deg]	E1(φ=0) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]	E2(φ=90) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]
1	2410.000	13.99	-8.54	-2.85	-135.00	90.00	-7.85	-4.11	330.00	999.00	-7.97	-3.78	55.00	41.74	-10.12	-2.85	-135.00	18.47







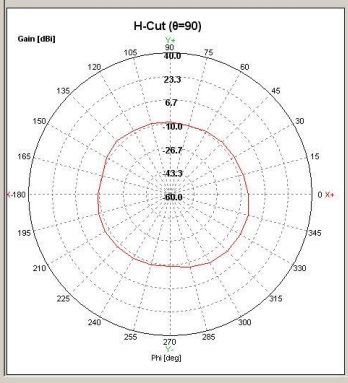
Plot Data
Polarization : θ-pol(H)
Frequency : 2410.000, 2440.000, 2470.000 [MHz]

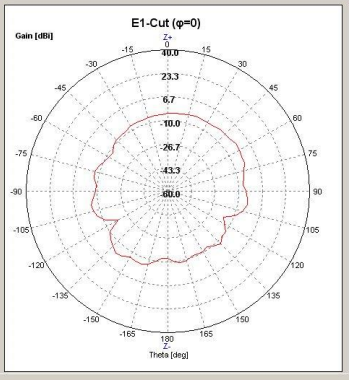
Graph Option
Style : Polar / Rectangular
Zoom : H-Cut | E1-Cut | E2-Cut
Scale : Max : 40, Min : -60, Apply

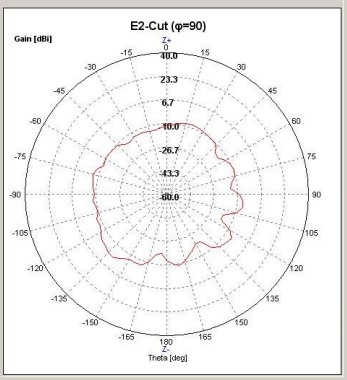
nipa RFID/USN Center
MTG Microwave Technologies Group

Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

No.	Freq.	θ-Pol(H) Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	H(θ=90) Avg.[dBi]	Peak[dBi]	φ[deg]	BW[deg]	E1(φ=0) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]	E2(φ=90) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]
2	2440.000	20.75	-6.83	-1.28	-140.00	90.00	-6.66	-2.70	330.00	999.00	-6.14	-1.60	55.00	68.08	-8.59	-1.28	-140.00	20.03







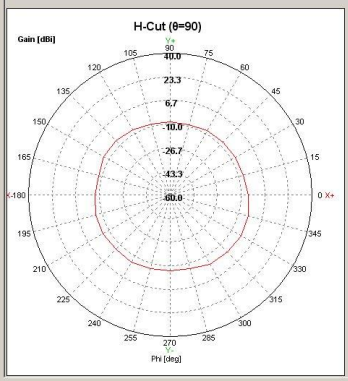
Plot Data
Polarization : θ-pol(H)
Frequency : 2410.000, 2440.000, 2470.000 [MHz]

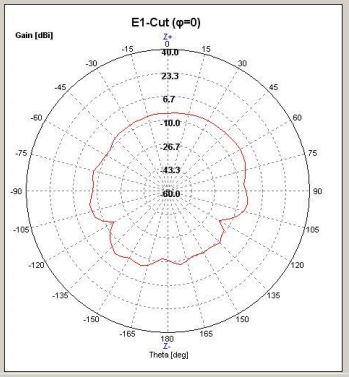
Graph Option
Style : Polar / Rectangular
Zoom : H-Cut | E1-Cut | E2-Cut
Scale : Max : 40, Min : -60, Apply

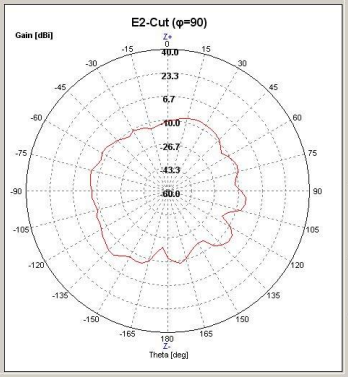
nipa RFID/USN Center
MTG Microwave Technologies Group

Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

No.	Freq.	θ-Pol(H) Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	H(θ=90) Avg.[dBi]	Peak[dBi]	φ[deg]	BW[deg]	E1(φ=0) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]	E2(φ=90) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]
3	2470.000	26.32	-5.80	-0.89	-140.00	75.00	-5.61	-2.18	330.00	999.00	-5.41	-0.98	60.00	61.93	-7.32	-0.72	-135.00	19.72







Plot Data
Polarization : θ-pol(H)
Frequency : 2410.000, 2440.000, 2470.000 [MHz]

Graph Option
Style : Polar / Rectangular
Zoom : H-Cut | E1-Cut | E2-Cut
Scale : Max : 40, Min : -60, Apply

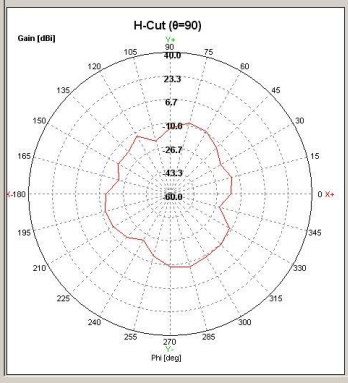
nipa RFID/USN Center
MTG Microwave Technologies Group

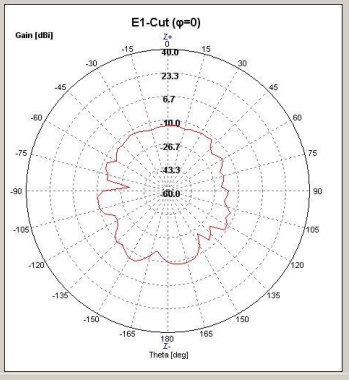
Vertical

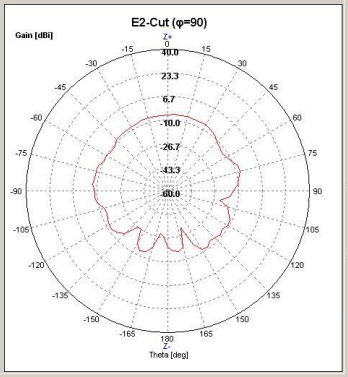
Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

No.	Freq.	φ-Pol(V) Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	H(θ=90) Avg.[dBi]	Peak[dBi]	φ[deg]	BW[deg]	E1(φ=0) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]	E2(φ=90) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]
1	2410.000	7.53	-11.23	-4.37	-145.00	135.00	-12.37	-6.76	285.00	51.79	-12.48	-5.14	-150.00	15.29	-10.01	-5.82	15.00	85.21

Plot Data
Polarization : φ-pol(V)
Frequency : 2410.000 / 2440.000 / 2470.000 [MHz]







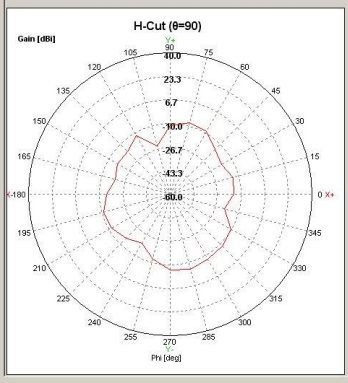
Graph Option
Style : Polar / Rectangular
Zoom : H-Cut | E1-Cut | E2-Cut
Scale : Max : 40 / Min : -60 / Apply

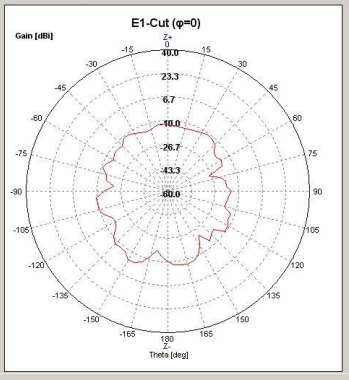
nipa RFID/USN Center
MTG Microwave Technologies Group

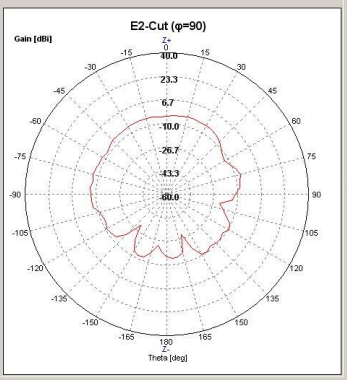
Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

No.	Freq.	φ-Pol(V) Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	H(θ=90) Avg.[dBi]	Peak[dBi]	φ[deg]	BW[deg]	E1(φ=0) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]	E2(φ=90) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]
2	2440.000	10.32	-9.86	-3.03	-25.00	120.00	-11.18	-5.25	285.00	50.84	-11.60	-4.29	-150.00	15.17	-8.14	-3.73	15.00	90.30

Plot Data
Polarization : φ-pol(V)
Frequency : 2410.000 / 2440.000 / 2470.000 [MHz]







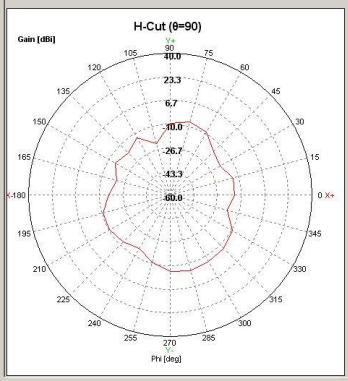
Graph Option
Style : Polar / Rectangular
Zoom : H-Cut | E1-Cut | E2-Cut
Scale : Max : 40 / Min : -60 / Apply

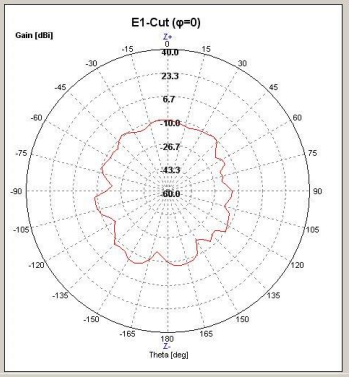
nipa RFID/USN Center
MTG Microwave Technologies Group

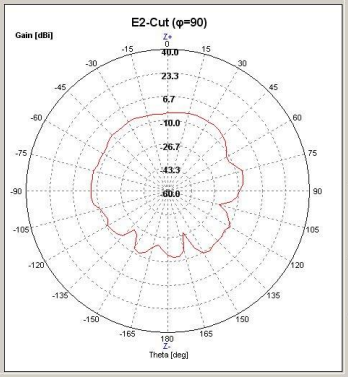
Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

No.	Freq.	φ-Pol(V) Eff.[%]	Avg.[dBi]	Peak[dBi]	θ[deg]	φ[deg]	H(θ=90) Avg.[dBi]	Peak[dBi]	φ[deg]	BW[deg]	E1(φ=0) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]	E2(φ=90) Avg.[dBi]	Peak[dBi]	θ[deg]	BW[deg]
3	2470.000	12.79	-8.93	-1.79	-45.00	120.00	-10.31	-4.58	285.00	55.85	-10.90	-3.92	-155.00	15.54	-7.46	-3.14	25.00	100.55

Plot Data
Polarization : φ-pol(V)
Frequency : 2410.000 / 2440.000 / 2470.000 [MHz]







Graph Option
Style : Polar / Rectangular
Zoom : H-Cut | E1-Cut | E2-Cut
Scale : Max : 40 / Min : -60 / Apply

nipa RFID/USN Center
MTG Microwave Technologies Group

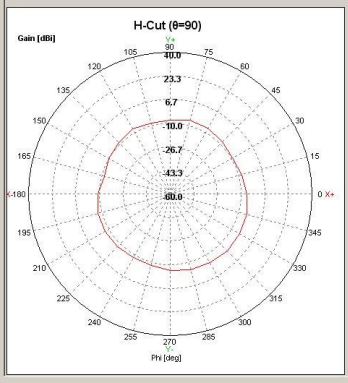
Power-Sum

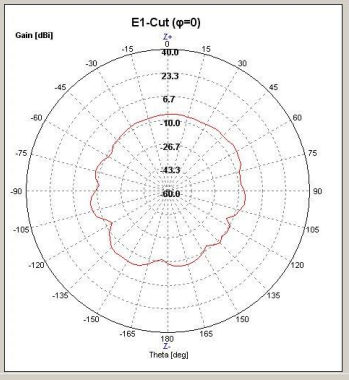
Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

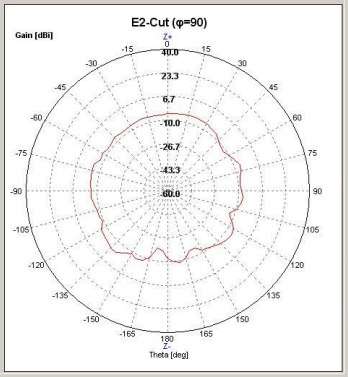
No.	Freq.	PwrSum Eff.[%]	PwrSum Avg.[dBi]	PwrSum Peak[dBi]	PwrSum θ[deg]	PwrSum φ[deg]	H(θ=90) Avg.[dBi]	H(θ=90) Peak[dBi]	H(θ=90) φ[deg]	H(θ=90) BW[deg]	E1(φ=0) Avg.[dBi]	E1(φ=0) Peak[dBi]	E1(φ=0) θ[deg]	E1(φ=0) BW[deg]	E2(φ=90) Avg.[dBi]	E2(φ=90) Peak[dBi]	E2(φ=90) θ[deg]	E2(φ=90) BW[deg]
1	2410.000	21.52	-6.67	-1.95	155.00	165.00	-6.54	-3.24	315.00	999.00	-6.65	-2.67	-155.00	31.68	-7.05	-2.71	-135.00	22.30

Plot Data
Polarization : Powr-Sum
Frequency : 2410.000, 2440.000, 2470.000 [MHz]

Graph Option
Style: Polar / Rectangular
Zoom: H-Cut | E1-Cut | E2-Cut
Scale: Max : 40, Min : -60, Apply







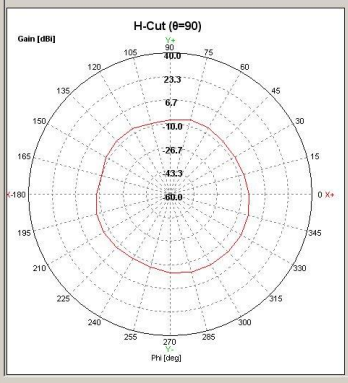
nipa RFID/USN Center
MTG

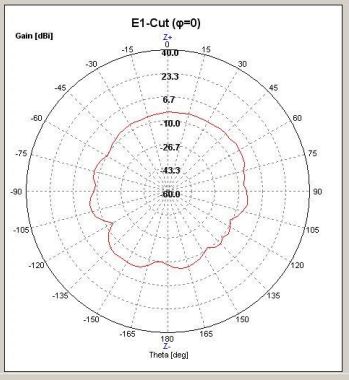
Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

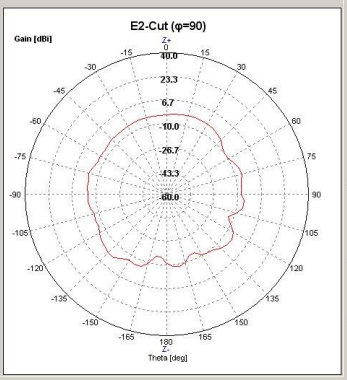
No.	Freq.	PwrSum Eff.[%]	PwrSum Avg.[dBi]	PwrSum Peak[dBi]	PwrSum θ[deg]	PwrSum φ[deg]	H(θ=90) Avg.[dBi]	H(θ=90) Peak[dBi]	H(θ=90) φ[deg]	H(θ=90) BW[deg]	E1(φ=0) Avg.[dBi]	E1(φ=0) Peak[dBi]	E1(φ=0) θ[deg]	E1(φ=0) BW[deg]	E2(φ=90) Avg.[dBi]	E2(φ=90) Peak[dBi]	E2(φ=90) θ[deg]	E2(φ=90) BW[deg]
2	2440.000	31.06	-5.08	-0.38	155.00	165.00	-5.35	-1.96	315.00	999.00	-5.05	-1.50	55.00	77.75	-5.35	-1.25	-135.00	22.17

Plot Data
Polarization : Powr-Sum
Frequency : 2410.000, 2440.000, 2470.000 [MHz]

Graph Option
Style: Polar / Rectangular
Zoom: H-Cut | E1-Cut | E2-Cut
Scale: Max : 40, Min : -60, Apply







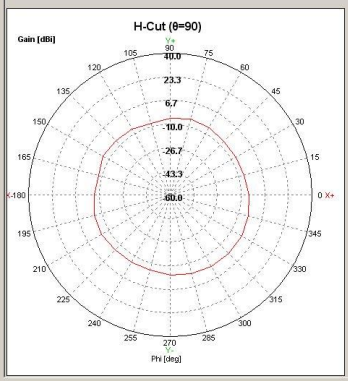
nipa RFID/USN Center
MTG

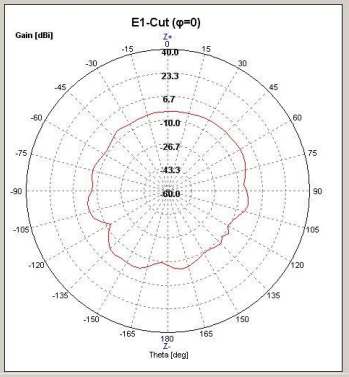
Summary | Multiple Frequency | Multiple Cut | 3D-View | Reserved

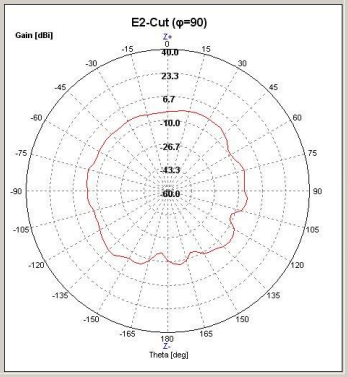
No.	Freq.	PwrSum Eff.[%]	PwrSum Avg.[dBi]	PwrSum Peak[dBi]	PwrSum θ[deg]	PwrSum φ[deg]	H(θ=90) Avg.[dBi]	H(θ=90) Peak[dBi]	H(θ=90) φ[deg]	H(θ=90) BW[deg]	E1(φ=0) Avg.[dBi]	E1(φ=0) Peak[dBi]	E1(φ=0) θ[deg]	E1(φ=0) BW[deg]	E2(φ=90) Avg.[dBi]	E2(φ=90) Peak[dBi]	E2(φ=90) θ[deg]	E2(φ=90) BW[deg]
3	2470.000	39.10	-4.08	0.37	155.00	150.00	-4.35	-1.30	315.00	999.00	-4.33	-0.84	60.00	69.64	-4.38	-0.58	-135.00	21.18

Plot Data
Polarization : Powr-Sum
Frequency : 2410.000, 2440.000, 2470.000 [MHz]

Graph Option
Style: Polar / Rectangular
Zoom: H-Cut | E1-Cut | E2-Cut
Scale: Max : 40, Min : -60, Apply

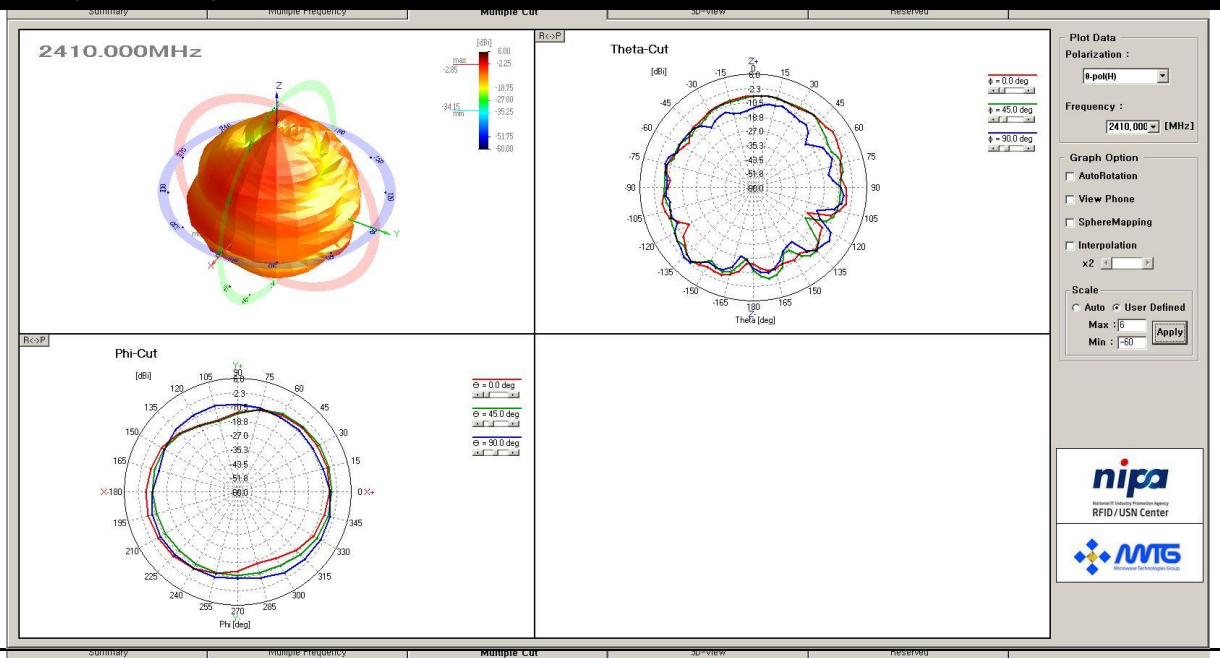


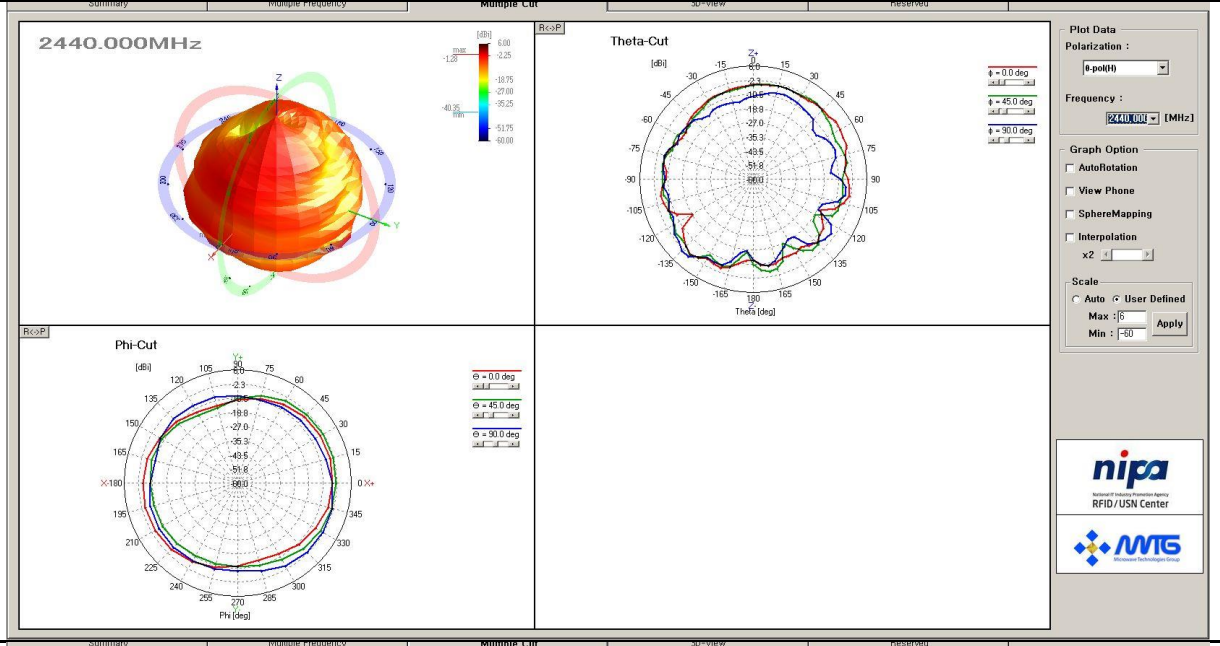


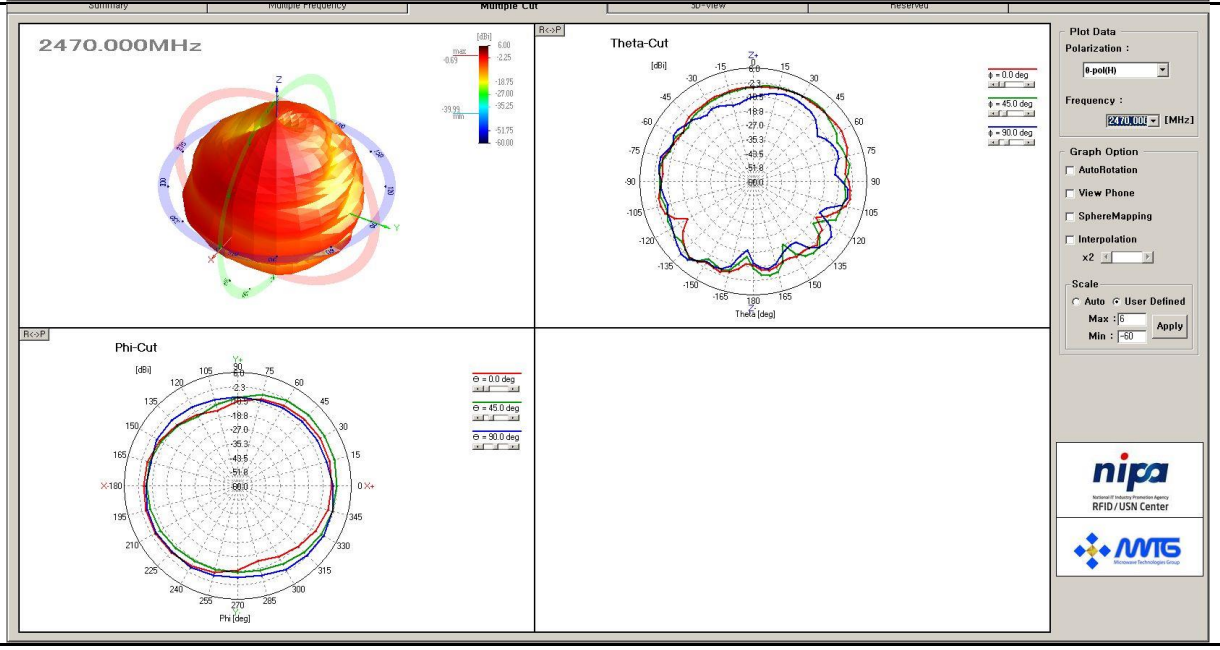


nipa RFID/USN Center
MTG

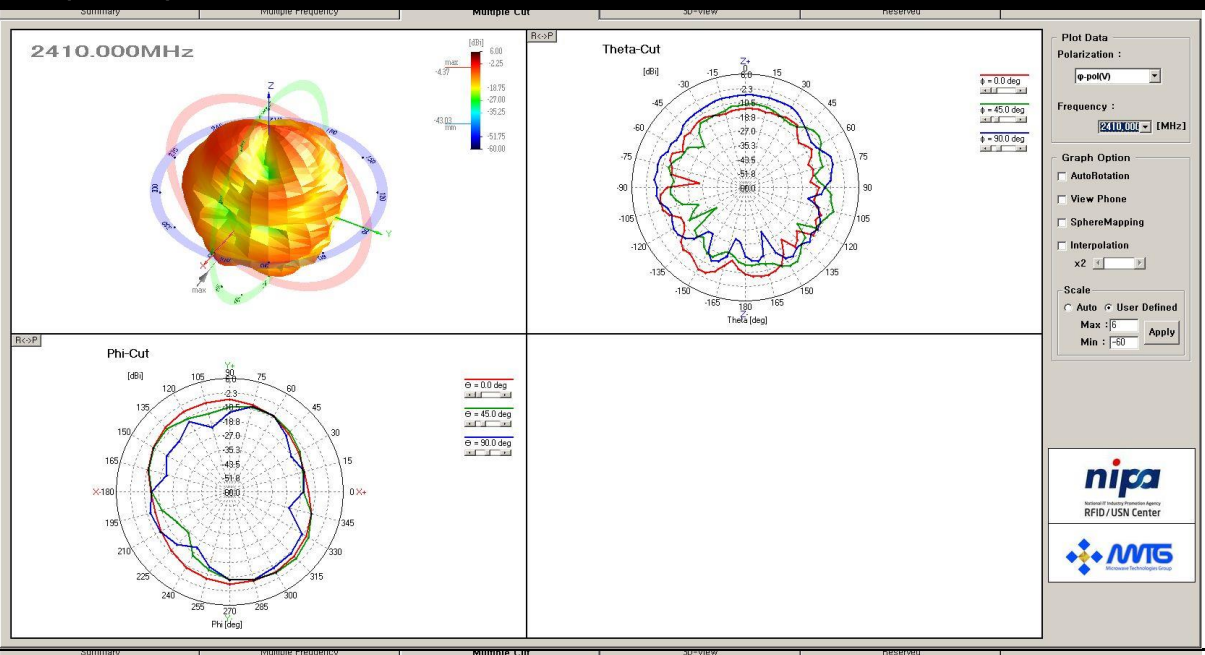
Multiple Cut(Horizontal)

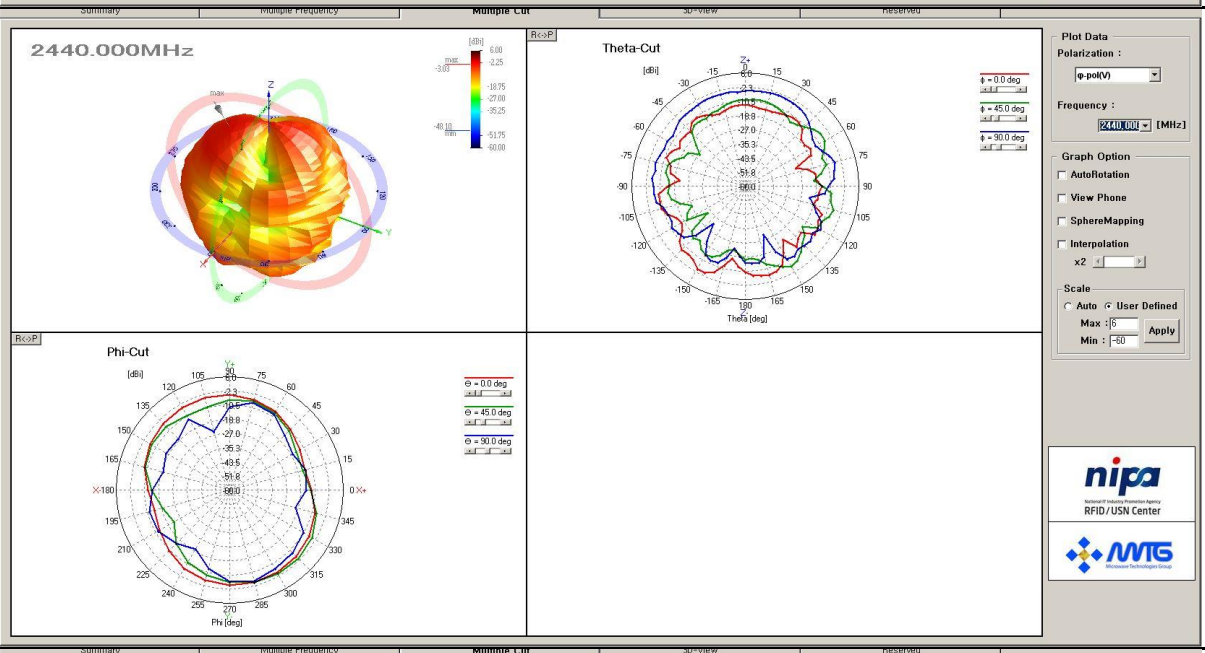


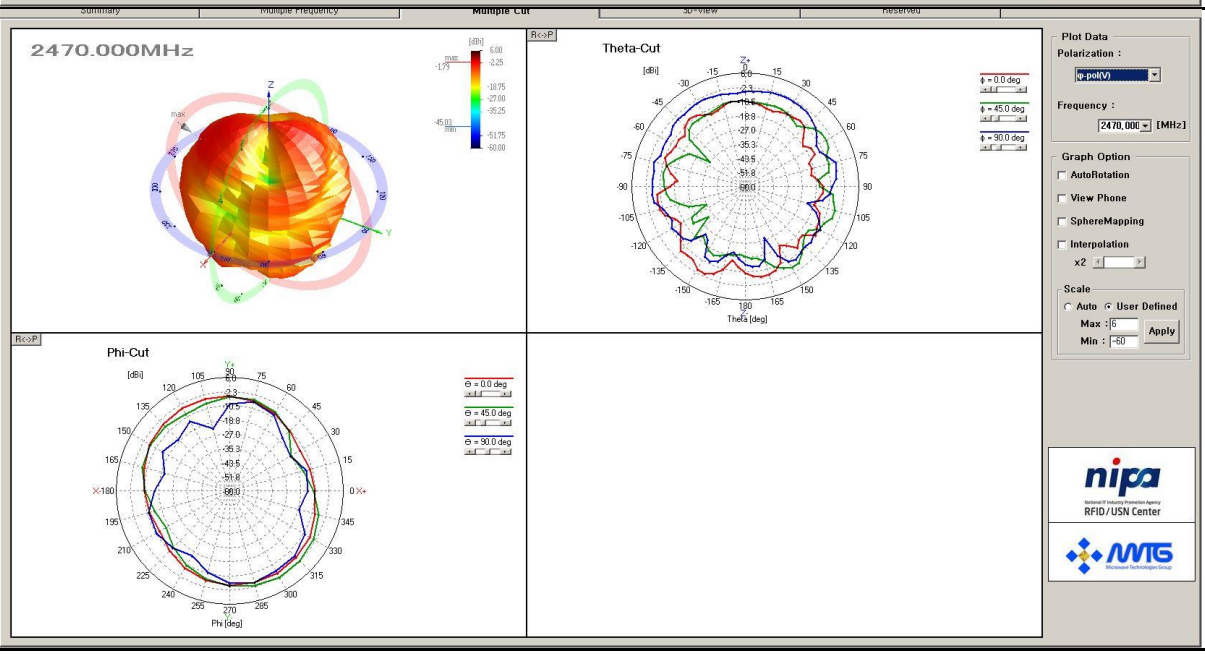




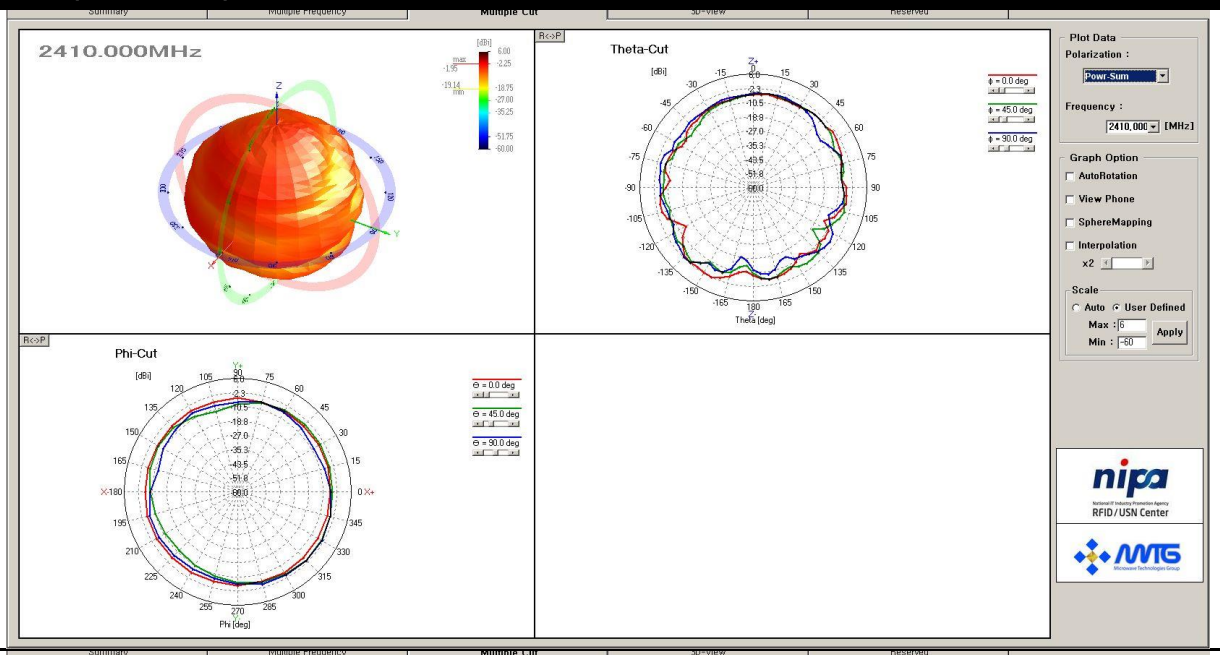
Multiple Cut(Vertical)

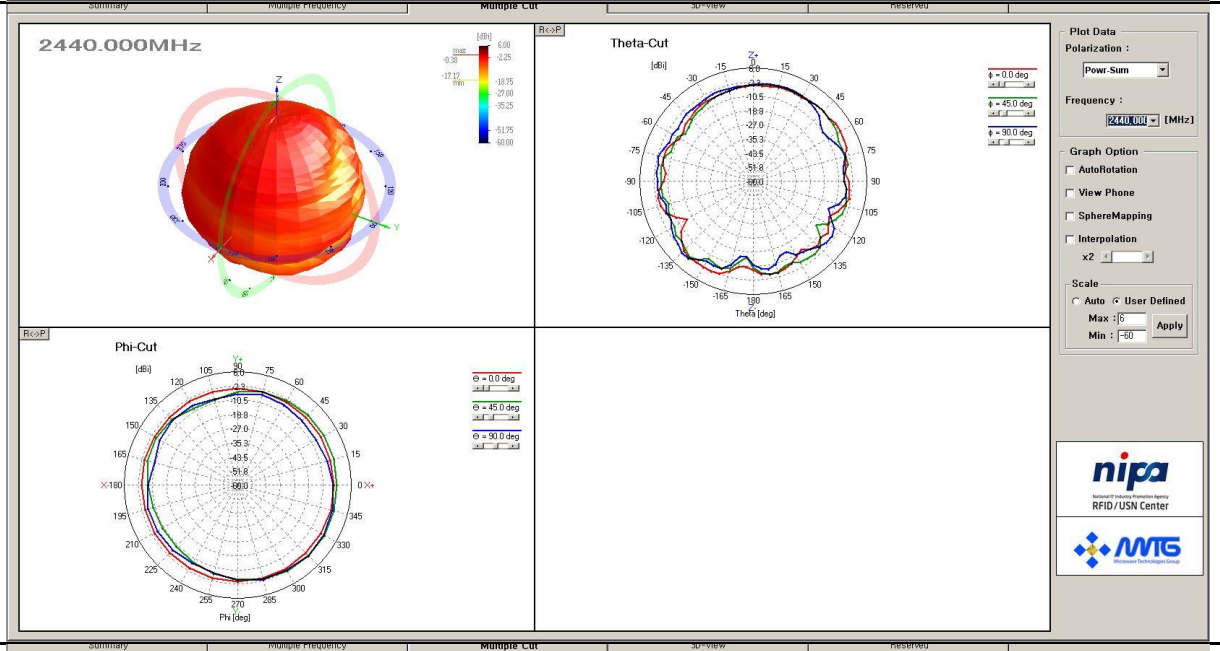


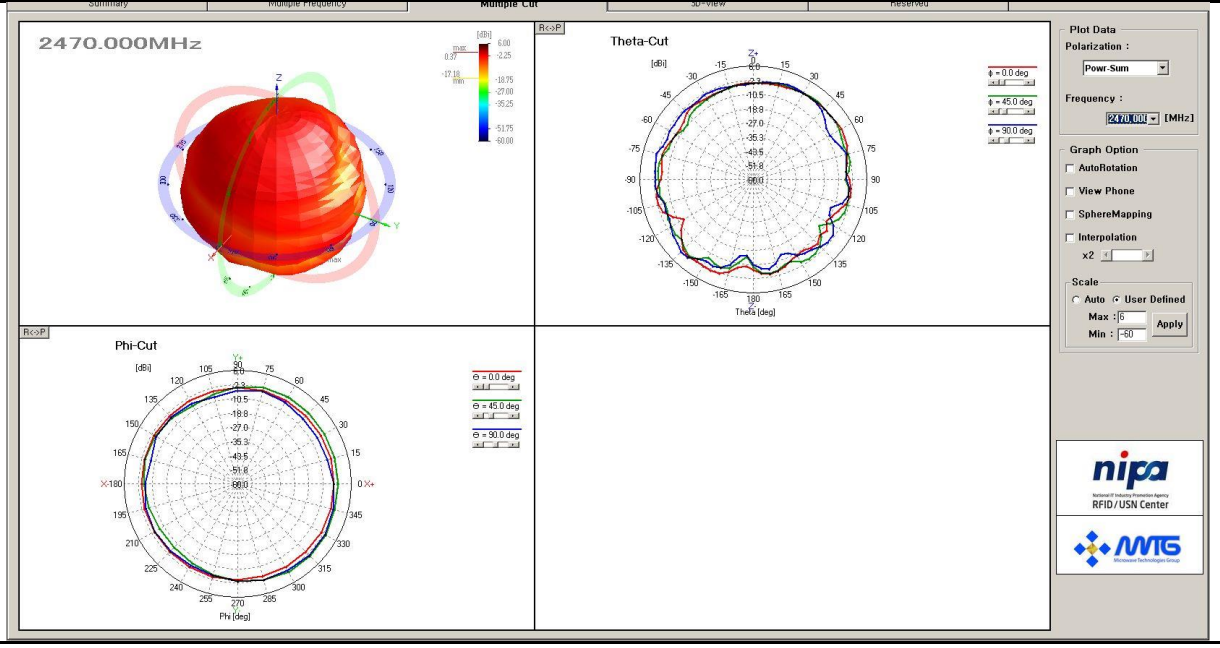




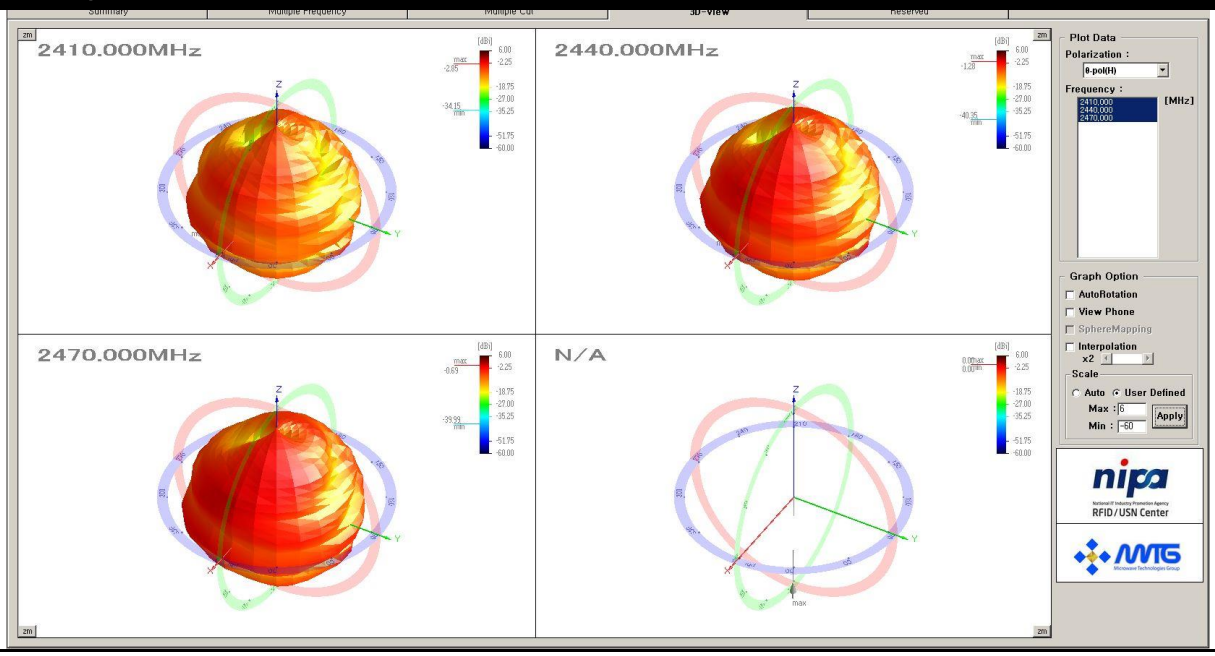
Multiple Cut(Power-Sum)



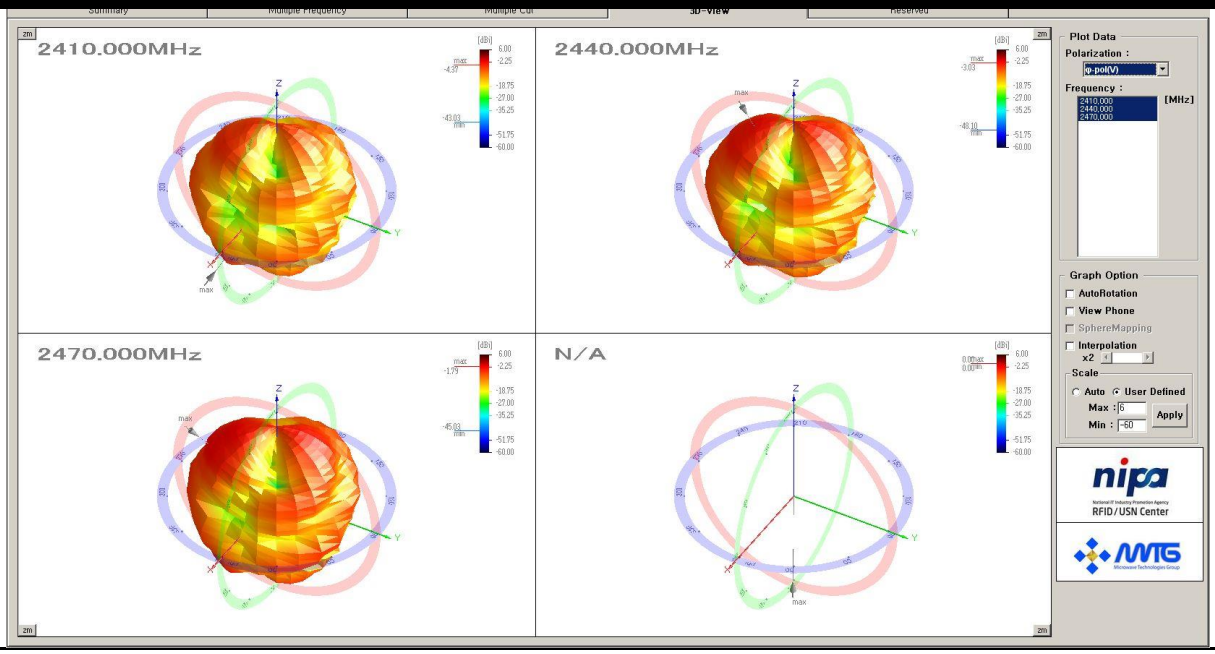




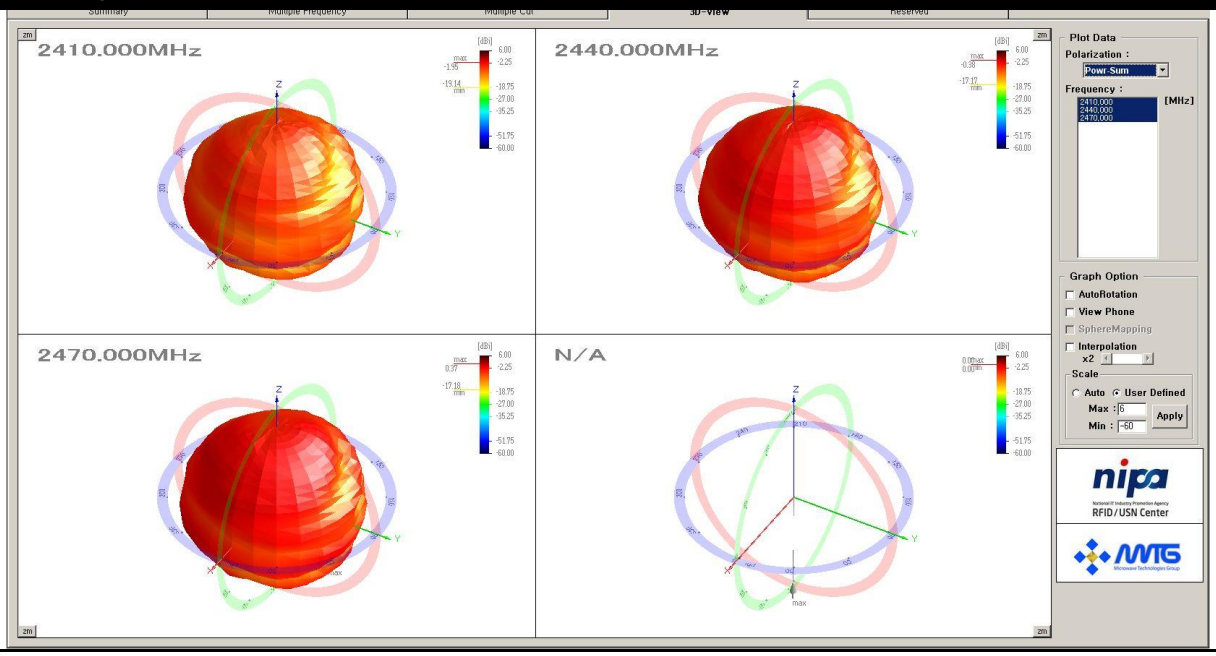
3D(Horizontal)



3D(Vertical)



3D(Power-Sum)


Summary
Multiple Frequency
Multiple Cut
3D-View
Reserved
2410.000MHz
2440.000MHz
2470.000MHz
N/A
Plot Data
Polarization :
Powr-Sum
Frequency :
2410.000
2440.000
2470.000
[MHz]
Graph Option
AutoRotation
View Phone
SphereMapping
Interpolation
x2
Scale
Auto
User Defined
Max : 6
Min : -60
Apply
nipa
RFID/USN Center
MTG