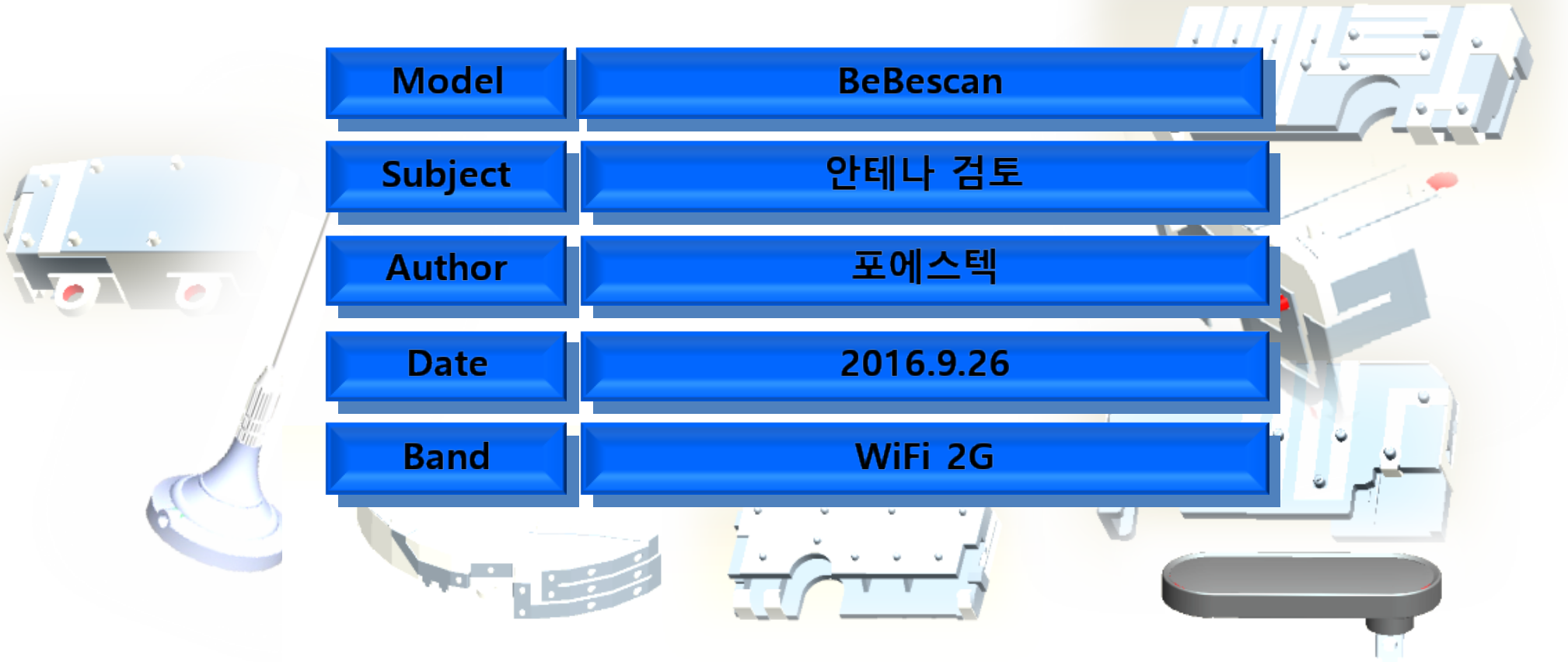


# ANTENNA REPORT



Model	BeBescan
Subject	안테나 검토
Author	포에스텍
Date	2016.9.26
Band	WiFi 2G

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1. Test Condition
2. Passive Data

## 1. Test Condition



**\*PCB Antenna : AH\_2.4G\_ANT\_141223 양산안테나 적용**

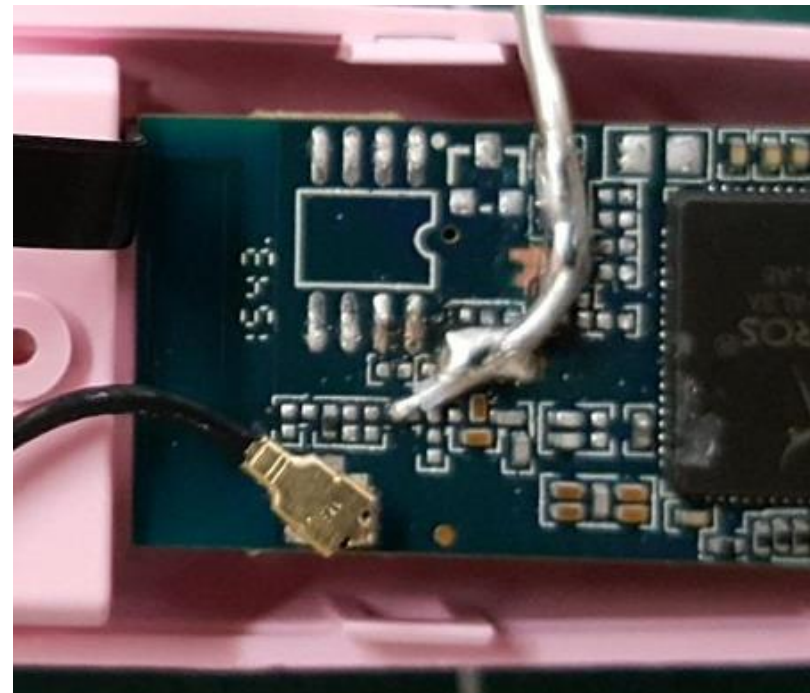
**\*Cable : 양산안테나 사양(49mm)**

**\*Foam Tape(양면 접착) : 1T 높이로 적용하여 케이스위치 부착**

## 1. Test Condition

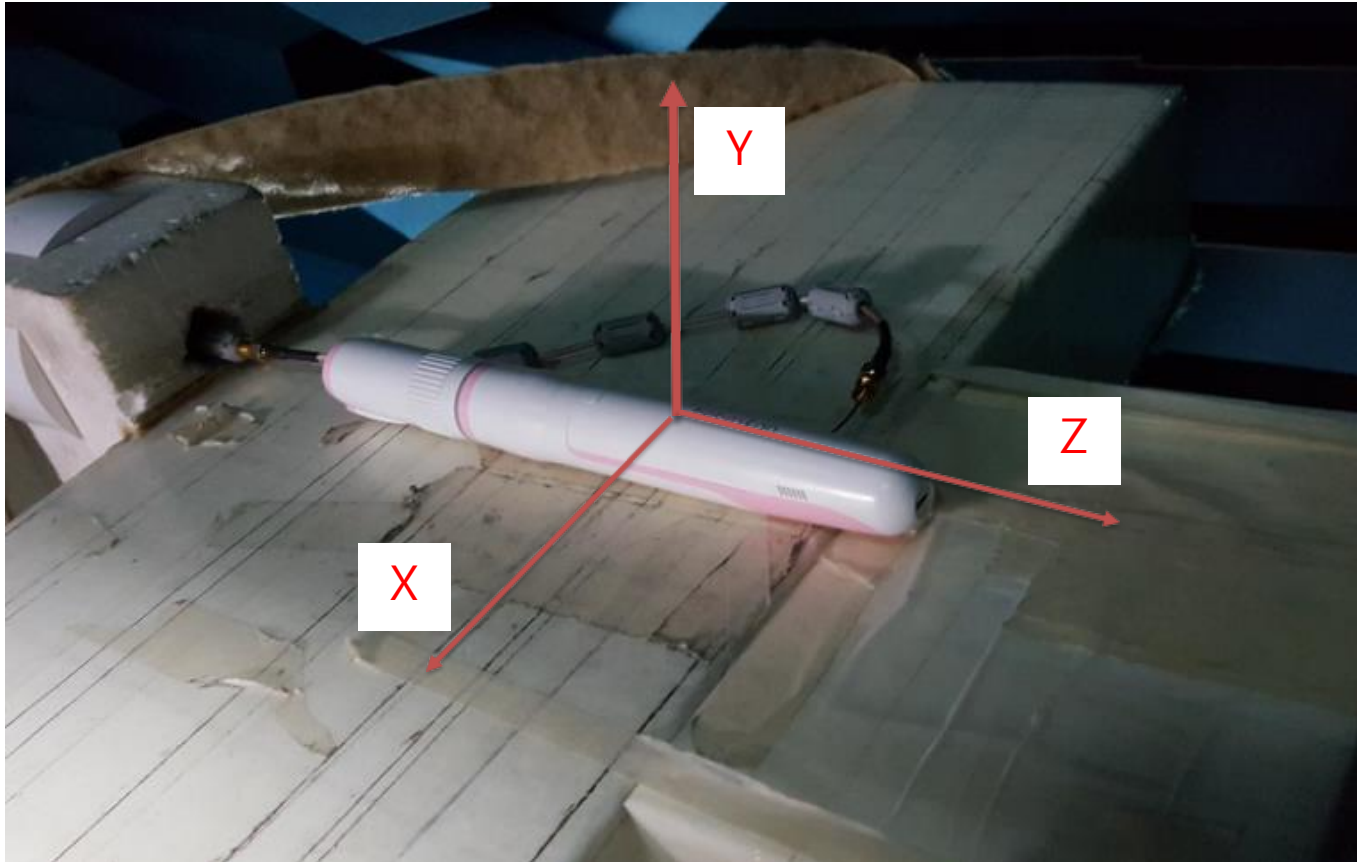


**배터리 위치**



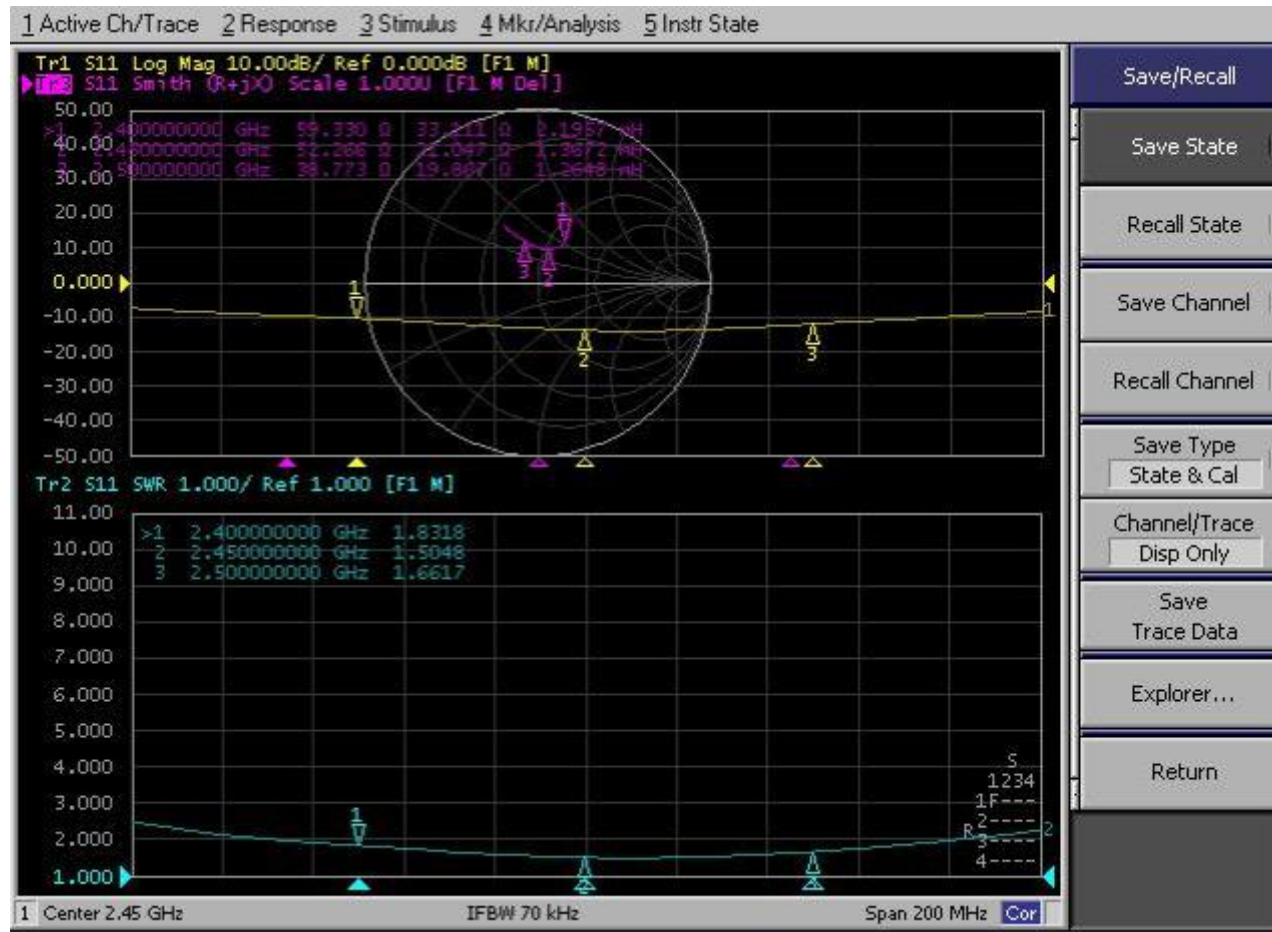
**Matching Value : Default**

## 1. Test Condition



Passive Gain 측정시 거치조건

## 2. Passive Data

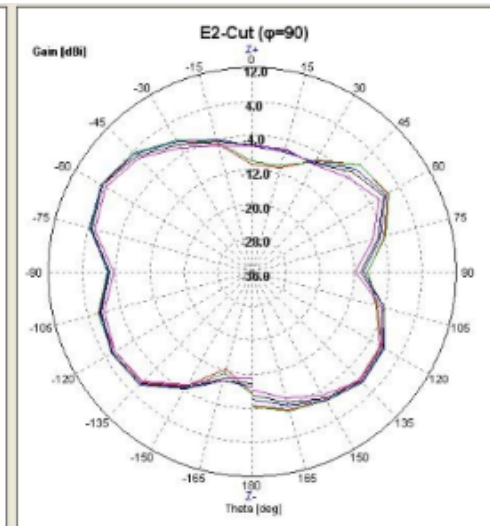
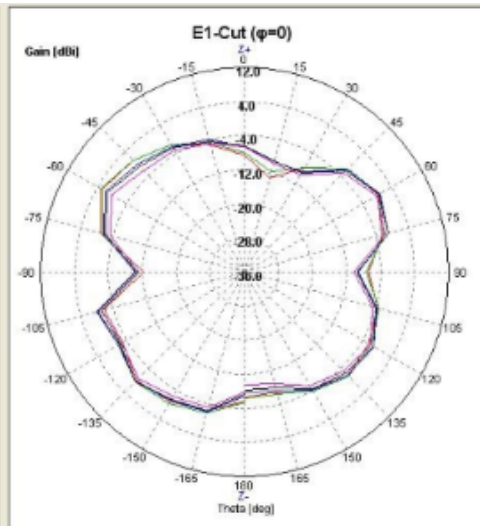
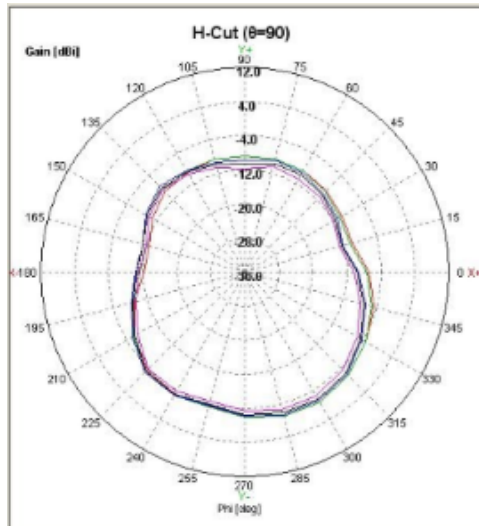


Network Analyzer Data



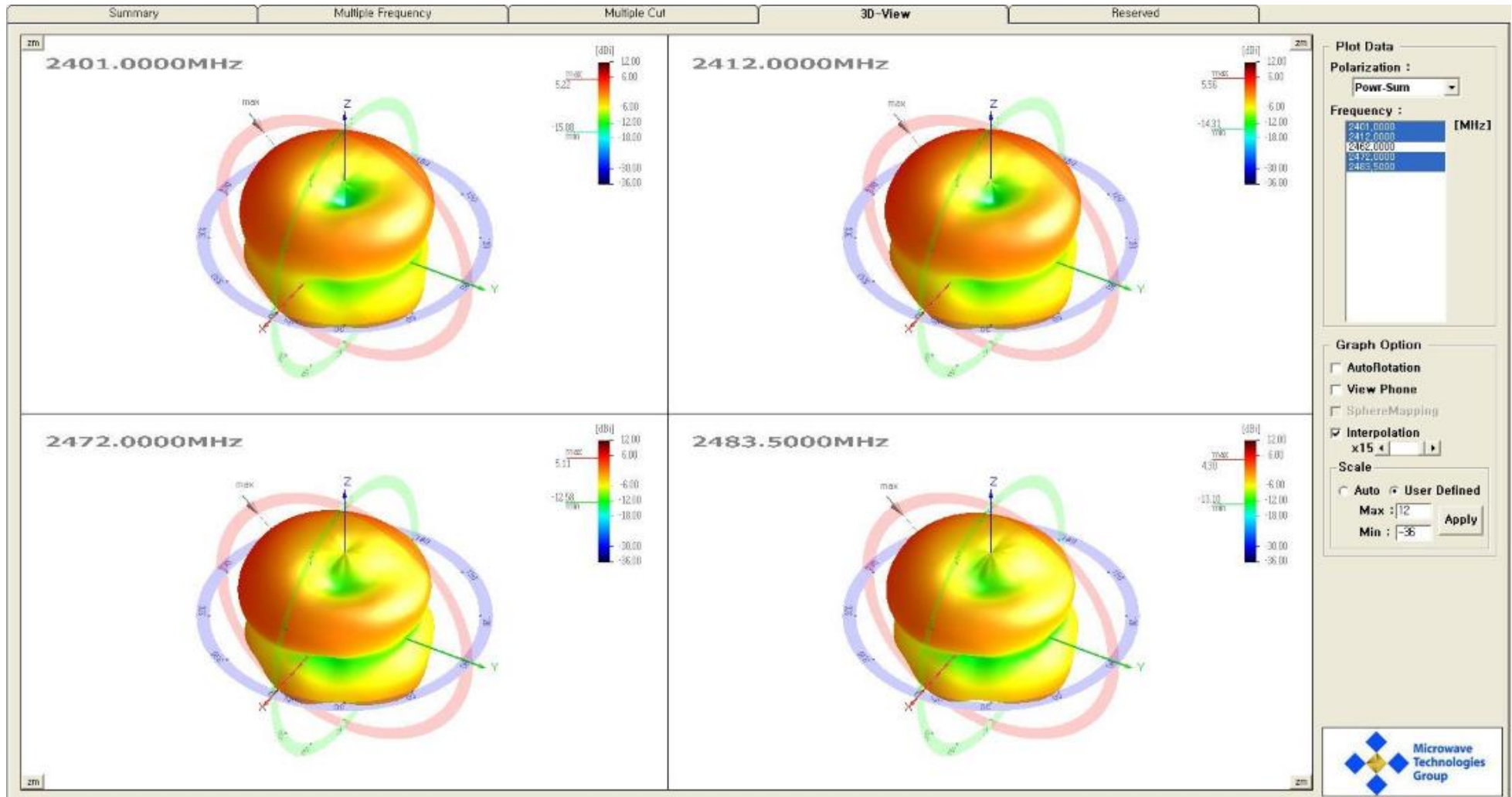
## 2. Passive Data

		PwrSum					H( $\theta=90$ )				E1( $\varphi=0$ )				E2( $\varphi=90$ )			
No.	Freq.	Eff.[%]	Avg.[dBi]	Peak[dBi]	$\theta$ [deg]	$\varphi$ [deg]	Avg.[dBi]	Peak[dBi]	$\varphi$ [deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	$\theta$ [deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	$\theta$ [deg]	BW[deg]
1	2401.0000	78.79	-1.04	5.04	60.00	255.00	-5.29	-0.75	300.00	113.29	-2.36	2.76	-60.00	33.09	-0.91	4.68	-60.00	39.62
2	2412.0000	84.87	-0.71	5.33	60.00	255.00	-5.19	-0.74	300.00	114.24	-2.03	3.02	-60.00	32.02	-0.59	5.02	-60.00	39.44
3	2462.0000	82.26	-0.85	5.26	60.00	255.00	-5.57	-1.24	300.00	113.27	-2.23	1.95	-60.00	32.91	-0.65	5.03	-60.00	37.45
4	2472.0000	75.38	-1.23	4.88	60.00	255.00	-5.92	-1.59	300.00	112.53	-2.59	1.29	-60.00	34.42	-1.00	4.72	-60.00	36.81
5	2483.5000	62.37	-2.05	4.04	60.00	255.00	-6.72	-2.45	300.00	113.02	-3.40	0.15	-60.00	38.15	-1.81	3.90	-60.00	36.24



Passive Gain Data

## 2. Passive Data



Passive 3D Radiation Data