



Antenna Composite Gain Test Report

FCC ID	2AHBN-AP47
Equipment	Wi-Fi 7 Wireless Access Point
Brand Name	Juniper
Model Name	AP47, AP47D
Applicant	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Manufacturer	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Standard	KDB662911 D03 v01
Sample Received	Oct. 15, 2024
Start Test Date	Oct. 15, 2024
Final Test Date	Oct. 18, 2024

Approved by: Sam Chen

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Table of Contents

History of this test report.....	3
1. Operation Mode and Antenna Information	4
2. Table for Multiple Listing	6
3. Table for Radio Function	6
4. Test Frequency	7
5. Testing Location.....	7
6. Test Facility and Configuration.....	8
7. Reference Calibration	9
8. Test Method	10
9. Measured Values and Calculation of Maximum Gain Positions.....	11
10. Summary of Test Result	19
11. Test Setup	27
12. Test Equipment and Calibration Data	28
13. Test Results	29

History of this test report

[illegible]

1. Operation Mode and Antenna Information

For EUT 1:

Antenna Position	Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Modes of Operation
2G5G6GAnt1	1	2	Juniper	AP47	PIFA	IPEX	2.4GHz, 5GHz, 6GHz
2G5G6GAnt2	2	1	Juniper	AP47	PIFA	IPEX	
2G5G6GAnt3	3	3	Juniper	AP47	PIFA	IPEX	
2G5G6GAnt4	4	4	Juniper	AP47	PIFA	IPEX	
5GAnt1	5	2	Juniper	AP47	Alford loop	IPEX	5GHz
5GAnt2	6	1	Juniper	AP47	Alford loop	IPEX	
5GAnt3	7	3	Juniper	AP47	Alford loop	IPEX	
5GAnt4	8	4	Juniper	AP47	Alford loop	IPEX	
6GAnt1	9	2	Juniper	AP47	PIFA	IPEX	6GHz
6GAnt2	10	1	Juniper	AP47	PIFA	IPEX	
6GAnt3	11	3	Juniper	AP47	PIFA	IPEX	
6GAnt4	12	4	Juniper	AP47	PIFA	IPEX	
ScanAnt1	13	2	Juniper	AP47	PIFA	IPEX	2.4GHz, 5GHz, 6GHz
ScanAnt2	14	1	Juniper	AP47	PIFA	IPEX	

Note:

For Radio 1:

6GHz Operation Mode (4TX/4RX)

6GAnt1~4 can be used as transmitting/receiving antenna.

6GAnt1~4 could transmit/receive simultaneously.

For Radio 2:

5GHz Operation Mode (4TX/4RX)

5GAnt1~4 can be used as transmitting/receiving antenna.

5GAnt1~4 could transmit/receive simultaneously.

For Radio 3:

2.4GHz, 5GHz and 6GHz Operation Mode (4TX/4RX)

2G5G6GAnt1~4 can be used as transmitting/receiving antenna.

2G5G6GAnt1~4 could transmit/receive simultaneously.

For Radio 4:

2.4GHz, 5GHz and 6GHz Operation Mode (2TX/2RX)

ScanAnt1~2 can be used as transmitting/receiving antenna.

ScanAnt1~2 could transmit/receive simultaneously.

For EUT 2:

Antenna Position	Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Modes of Operation
2G5G6GAnt1	1	2	Juniper	AP47D	Dipole	IPEX	2.4GHz, 5GHz, 6GHz
2G5G6GAnt2	2	1	Juniper	AP47D	Dipole	IPEX	
2G5G6GAnt3	3	3	Juniper	AP47D	Dipole	IPEX	
2G5G6GAnt4	4	4	Juniper	AP47D	Dipole	IPEX	
5GAnt1	5	2	Juniper	AP47D	Patch	IPEX	5GHz
5GAnt2	6	1	Juniper	AP47D	Patch	IPEX	
5GAnt3	7	3	Juniper	AP47D	Patch	IPEX	
5GAnt4	8	4	Juniper	AP47D	Patch	IPEX	
6GAnt1	9	2	Juniper	AP47D	Patch	IPEX	6GHz
6GAnt2	10	1	Juniper	AP47D	Patch	IPEX	
6GAnt3	11	3	Juniper	AP47D	Patch	IPEX	
6GAnt4	12	4	Juniper	AP47D	Patch	IPEX	
ScanAnt1	13	2	Juniper	AP47D	Dipole	IPEX	2.4GHz, 5GHz, 6GHz
ScanAnt2	14	1	Juniper	AP47D	Dipole	IPEX	

Note:

For Radio 1:

6GHz Operation Mode (4TX/4RX)

6GAnt1~4 can be used as transmitting/receiving antenna.

6GAnt1~4 could transmit/receive simultaneously.

For Radio 2:

5GHz Operation Mode (4TX/4RX)

5GAnt1~4 can be used as transmitting/receiving antenna.

5GAnt1~4 could transmit/receive simultaneously.

For Radio 3:

2.4GHz, 5GHz and 6GHz Operation Mode (4TX/4RX)

2G5G6GAnt1~4 can be used as transmitting/receiving antenna.

2G5G6GAnt1~4 could transmit/receive simultaneously.

For Radio 4:

2.4GHz, 5GHz and 6GHz Operation Mode (2TX/2RX)

ScanAnt1~2 can be used as transmitting/receiving antenna.

ScanAnt1~2 could transmit/receive simultaneously.

2. Table for Multiple Listing

EUT	Model Name	WLAN 5GHz UNII 4	WLAN 6GHz	Wi-Fi antenna	UWB antenna (PDoA)	UWB antenna (TWR)	802.15.4 (Zigbee, Thread) antenna	Bluetooth antenna	GPS antenna	Description
1	AP47	Support	Support	Internal Antenna	The same	Not the same	Not the same	The same	Not the same	-
2	AP47D	Support	Support	Internal Antenna	The same	Not the same	Not the same	The same	Not the same	The difference with AP47 is only in Wi-Fi, UWB(TWR), 802.15.4(Zigbee, Thread) and GPS antenna.

Note 1: All models are identical to each other in all aspects except for the listing table.

Note 2: The above information was declared by manufacturer.

3. Table for Radio Function

For EUT 1 and EUT 2:

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	802.15.4 (Zigbee, Thread)	UWB	GPS
1	-	-	V (UNII 5 or UNII 6-8)	-	-	-	-
2	-	V (UNII 1-2A or UNII2C-4)	-	-	-	-	-
3	V	V (UNII 1-2A)	V (UNII 7-8)	-	-	-	-
4 (Scanning radio)	V	V (UNII 1-4)	V (UNII 5-8)	-	-	-	-
5	-	-	-	V	V	-	-
6	-	-	-	-	-	V	-
7	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: For WLAN 2.4GHz: The Radio 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 2, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 6GHz: The Radio 1, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

4. Test Frequency

The listed frequency of each bands are selected to represent each frequency bands

Band [MHz]	Test Frequency [MHz]
2400-2483.5	2450
5150-5250	5200
5250-5350	5300
5470-5725	5600
5725-5850	5785
5850-5895	5885
5925-6425	6175
6425-6525	6475
6525-6875	6695
6875-7125	6995

5. Testing Location

Testing Location		
Sporton International Inc. Hsinhua Laboratory		
☒	HWA YA	ADD : No.13-1 & 14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan R.O.C.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated	05CH03-HY	Rofy Chen	23.5-24.5 / 45-55	Oct. 15, 2024~Oct. 16, 2024 (For EUT 1)
		Rofy Chen	23.5-24.5 / 45-55	Oct. 16, 2024~Oct. 18, 2024 (For EUT 2)

Note:

Testing Site Information

Brand Name: TDK

Dimension: 11m*6m*6m

Characteristic: Fully Anechoic Chamber

6. Test Facility and Configuration

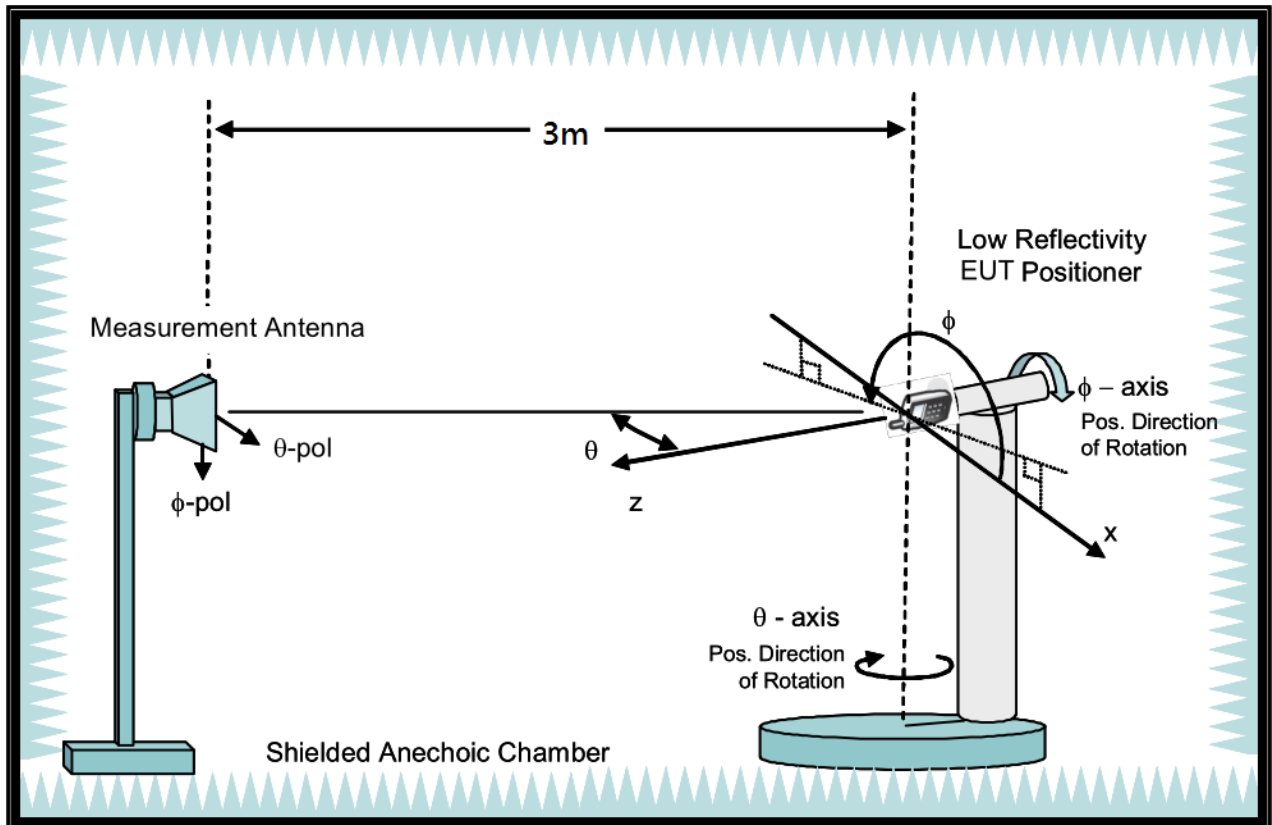
Test configuration: Reference to CITA OTA distributed-axes system configuration.

Chamber: Fully Anechoic Chamber.

Measurement antenna: Dual Polarization Horn antenna

Turntable: Multi-axis positioner (Theta and Phi angle).

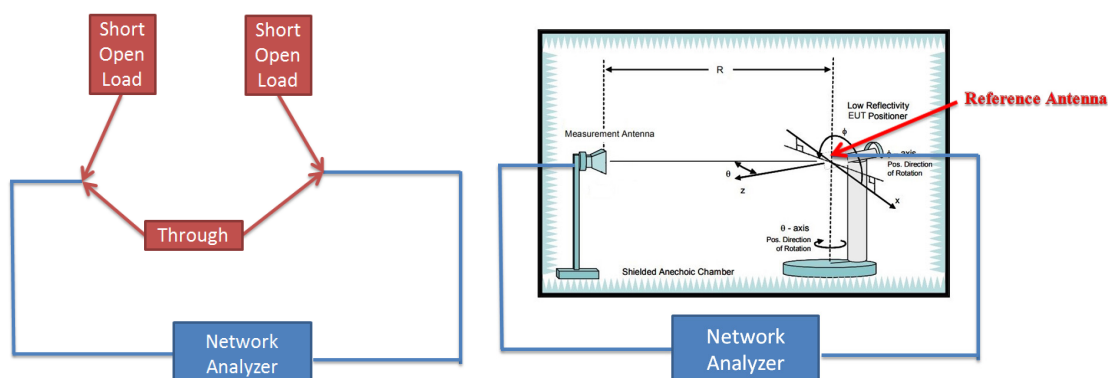
#Reference to CTIA "ctia-test-plan-for-wireless-device-over-the-air-performance-ver-3-7-1"



7. Reference Calibration

Connected cables to VNA calibration kit and use network analyzer internal function to do calibration. Do short, open and load to each side. Then connect through to both side and calibrate G values. The cable loss is calibrated and set inside the network analyzer.

Measurement Antenna is connected to port1 of Network analyzer and reference antenna connected to port 2 of Network Analyzer. Record G values and used with reference antenna gain to calculate gain factor.



Frequency (MHz)	2400	2450	2500	5150	5200	5300	5600	5750	5800	5900	6000	6500	7000	7200
G(theta) reading (dB)	-33.55	-33.38	-32.91	-32.29	-32.48	-32.25	-32.33	-32.85	-32.67	-33.37	-32.53	-33.75	-34.72	-35.33
G(phi) reading (dB)	-33.11	-32.68	-32.48	-32.45	-32.85	-31.35	-32.76	-32.68	-32.57	-32.81	-32.85	-33.62	-34.33	-35.29
Reference gain (dBi)	10.3	10.3	10.1	11.1	11.3	11.7	12.1	11.5	11.2	11.1	11.3	11	11.1	10.5
Factor(theta) (dB)	43.85	43.68	43.01	43.39	43.78	43.95	44.43	44.35	43.87	44.47	43.83	44.75	45.82	45.83
Factor(phi) (dB)	43.41	42.98	42.58	43.55	44.15	43.05	44.86	44.18	43.77	43.91	44.15	44.62	45.43	45.79

Note:

$$G \text{ reading (dB)} = 20 \cdot \log(V_2/V_1) = 10 \cdot \log(P_2/P_1)$$

V2 is the voltage of VNA port2 is measured, V1 is the voltage of VNA port1 is the reference source.

P2 is the power of VNA port2 is measured, P1 is the power of VNA port1 is the reference source.

$$\text{Factor} = \text{gain factor} + \text{power gain conversion} = (\text{Reference antenna gain}) - (G \text{ reading})$$

8. Test Method

EUT set on multi-axis positioner and adjust EUT's physical center to measurement reference center. Measurement antenna set at phi polarization and 1.5 meter height. Port 1 of Network analyzer connect to antenna 1 of EUT. Record G value every 7.5 degree from 0 to 352.5 degree on Phi angle and 0 to 180 on theta angle of multi-axis positioner. Then set measurement antenna to theta polarization and repeat process. Repeat process to each antenna of EUT.

DG steps:

1. Each Phi and Theta polarization antenna gain are measured for all test angles.
2. Composite Phi and Theta antenna gain are computed, using formula in KDB662911 D01 d) (i) and e) (ii), for all angles.
3. Composite antenna gain are examined for all angles to determine max gain and Phi/Theta position. Max gain and phi/theta position are listed in section 9 tables.

Note: Antenna gain = G reading + factor, The factor of chapter five includes reference antenna gain factor and power gain conversion.

9. Measured Values and Calculation of Maximum Gain Positions

For EUT 1:

For 2G5G6GAnt1~4:

DG_1SS max value position

Frequency (Hz)	2.45G	5.2G	5.3G	6.175G	6.475G	6.695G	6.995G
Ant. 1 (dBi)	1.68	1.15	5.3	2.34	3.67	3.71	2.91
Ant. 2 (dBi)	-3.83	-9.51	-8.79	2.57	3.19	3.16	2.1
Ant. 3 (dBi)	-0.53	1.01	-1.5	-0.88	0.91	-0.35	2.93
Ant. 4 (dBi)	-1.21	5.57	3.3	3.67	4.06	4.09	4.22
DG [1SS] (dBi)	5.27	7.04	7.06	8.1	9.06	8.84	9.09
Polarization	Theta	Theta	Theta	Theta	Phi	Theta	Phi
$\Theta(^{\circ})$	67.5	52.5	45	7.5	0	7.5	7.5
$\Phi(^{\circ})$	172.5	217.5	262.5	82.5	165	60	352.5

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	2.45G	5.2G	5.3G	6.175G	6.475G	6.695G	6.995G
Ant. 1 [$10^{(G/20)}$]	$10^{(1.68/20)}$	$10^{(1.15/20)}$	$10^{(5.3/20)}$	$10^{(2.34/20)}$	$10^{(3.67/20)}$	$10^{(3.71/20)}$	$10^{(2.91/20)}$
Ant. 2 [$10^{(G/20)}$]	$10^{(-3.83/20)}$	$10^{(-9.51/20)}$	$10^{(-8.79/20)}$	$10^{(2.57/20)}$	$10^{(3.19/20)}$	$10^{(3.16/20)}$	$10^{(2.1/20)}$
Ant. 3 [$10^{(G/20)}$]	$10^{(-0.53/20)}$	$10^{(1.01/20)}$	$10^{(-1.5/20)}$	$10^{(-0.88/20)}$	$10^{(0.91/20)}$	$10^{(-0.35/20)}$	$10^{(2.93/20)}$
Ant. 4 [$10^{(G/20)}$]	$10^{(-1.21/20)}$	$10^{(5.57/20)}$	$10^{(3.3/20)}$	$10^{(3.67/20)}$	$10^{(4.06/20)}$	$10^{(4.09/20)}$	$10^{(4.22/20)}$
Ant. 1 [$10^{(G/20)}$] value	1.213	1.142	1.841	1.309	1.526	1.533	1.398
Ant. 2 [$10^{(G/20)}$] value	0.643	0.335	0.363	1.344	1.444	1.439	1.274
Ant. 3 [$10^{(G/20)}$] value	0.941	1.123	0.841	0.904	1.11	0.961	1.401
Ant. 4 [$10^{(G/20)}$] value	0.87	1.899	1.462	1.526	1.596	1.601	1.626
Sum All Antenna [Amax]	3.668	4.498	4.508	5.083	5.676	5.534	5.698
DG [$10^{*log(Amax^2/Nant)}$]	5.27	7.04	7.06	8.1	9.06	8.84	9.09

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10^{*log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^{2/N_{ant}}}$

For 5GAnt1~4:

DG_1SS max value position

Frequency (Hz)	5.2G	5.3G	5.6G	5.785G	5.885G
Ant. 1 (dBi)	1.7	0.96	1.46	3.51	1.76
Ant. 2 (dBi)	1.81	-0.63	1.43	2.33	2.21
Ant. 3 (dBi)	-0.66	2.33	-0.66	0.67	-3.32
Ant. 4 (dBi)	1.28	-1.08	3.74	-1.21	3.08
DG [1SS] (dBi)	7.11	6.52	7.65	7.52	7.28
Polarization	Phi	Phi	Phi	Phi	Phi
$\Theta(^{\circ})$	45	45	45	52.5	45
$\Phi(^{\circ})$	37.5	105	15	112.5	30

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	5.2G	5.3G	5.6G	5.785G	5.885G
Ant. 1 [$10^{(G/20)}$]	$10^{(1.7/20)}$	$10^{(0.96/20)}$	$10^{(1.46/20)}$	$10^{(3.51/20)}$	$10^{(1.76/20)}$
Ant. 2 [$10^{(G/20)}$]	$10^{(1.81/20)}$	$10^{(-0.63/20)}$	$10^{(1.43/20)}$	$10^{(2.33/20)}$	$10^{(2.21/20)}$
Ant. 3 [$10^{(G/20)}$]	$10^{(-0.66/20)}$	$10^{(2.33/20)}$	$10^{(-0.66/20)}$	$10^{(0.67/20)}$	$10^{(-3.32/20)}$
Ant. 4 [$10^{(G/20)}$]	$10^{(1.28/20)}$	$10^{(-1.08/20)}$	$10^{(3.74/20)}$	$10^{(-1.21/20)}$	$10^{(3.08/20)}$
Ant. 1 [$10^{(G/20)}$] value	1.216	1.117	1.183	1.498	1.225
Ant. 2 [$10^{(G/20)}$] value	1.232	0.93	1.179	1.308	1.29
Ant. 3 [$10^{(G/20)}$] value	0.927	1.308	0.927	1.08	0.682
Ant. 4 [$10^{(G/20)}$] value	1.159	0.883	1.538	0.87	1.426
Sum All Antenna [Amax]	4.533	4.238	4.827	4.756	4.622
DG [$10^{\log(A_{max}^2/N_{ant})}$]	7.11	6.52	7.65	7.52	7.28

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10^{\log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^{2/N_{ant}}}$

For 6GAnt1~4:

DG_1SS max value position

Frequency (Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 (dBi)	3.58	2.4	-0.65	1.96
Ant. 2 (dBi)	-2.1	-1.37	-0.71	1.63
Ant. 3 (dBi)	3.56	1.92	1.55	2.69
Ant. 4 (dBi)	0.2	0.51	1.15	-0.53
DG [1SS] (dBi)	7.65	7.01	6.42	7.54
Polarization	Theta	Theta	Theta	Theta
$\Theta(^{\circ})$	52.5	60	67.5	67.5
$\Phi(^{\circ})$	112.5	60	135	37.5

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 [$10^{(G/20)}$]	$10^{(3.58/20)}$	$10^{(2.4/20)}$	$10^{(-0.65/20)}$	$10^{(1.96/20)}$
Ant. 2 [$10^{(G/20)}$]	$10^{(-2.1/20)}$	$10^{(-1.37/20)}$	$10^{(-0.71/20)}$	$10^{(1.63/20)}$
Ant. 3 [$10^{(G/20)}$]	$10^{(3.56/20)}$	$10^{(1.92/20)}$	$10^{(1.55/20)}$	$10^{(2.69/20)}$
Ant. 4 [$10^{(G/20)}$]	$10^{(0.2/20)}$	$10^{(0.51/20)}$	$10^{(1.15/20)}$	$10^{(-0.53/20)}$
Ant. 1 [$10^{(G/20)}$] value	1.51	1.318	0.928	1.253
Ant. 2 [$10^{(G/20)}$] value	0.785	0.854	0.922	1.206
Ant. 3 [$10^{(G/20)}$] value	1.507	1.247	1.195	1.363
Ant. 4 [$10^{(G/20)}$] value	1.023	1.06	1.142	0.941
Sum All Antenna [Amax]	4.825	4.48	4.186	4.763
DG [$10^{\log(A_{max}^2/N_{ant})}$]	7.65	7.01	6.42	7.54

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10^{\log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^2/N_{ant}}$

For ScanAnt1~2:

DG_1SS max value position

Frequency (Hz)	2.45G	5.2G	5.3G	5.6G	5.785G	5.885G	6.175G	6.475G	6.695G	6.995G
Ant. 1 (dBi)	0.81	0.44	2.01	3.26	3.42	3.71	0.56	0.14	0.47	4.62
Ant. 2 (dBi)	2.28	3.36	3.07	3.19	1.99	3.98	4.73	3.67	2.64	-3.75
DG [1SS] (dBi)	4.59	5.03	5.57	6.24	5.74	6.86	5.9	5.09	4.63	4.42
Polarization	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta
$\Theta(^{\circ})$	52.5	75	75	67.5	60	60	52.5	67.5	60	60
$\Phi(^{\circ})$	7.5	82.5	82.5	60	67.5	67.5	97.5	97.5	105	247.5

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	2.45G	5.2G	5.3G	5.6G	5.785G	5.885G	6.175G	6.475G	6.695G	6.995G
Ant. 1 [10^(G/20)]	10^ (0.81/20)	10^ (0.44/20)	10^ (2.01/20)	10^ (3.26/20)	10^ (3.42/20)	10^ (3.71/20)	10^ (0.56/20)	10^ (0.14/20)	10^ (0.47/20)	10^ (4.62/20)
Ant. 2 [10^(G/20)]	10^ (2.28/20)	10^ (3.36/20)	10^ (3.07/20)	10^ (3.19/20)	10^ (1.99/20)	10^ (3.98/20)	10^ (4.73/20)	10^ (3.67/20)	10^ (2.64/20)	10^ (-3.75/20)
Ant. 1 [10^(G/20)] value	1.098	1.052	1.26	1.455	1.483	1.533	1.067	1.016	1.056	1.702
Ant. 2 [10^(G/20)] value	1.3	1.472	1.424	1.444	1.257	1.581	1.724	1.526	1.355	0.649
Sum All Antenna [Amax]	2.398	2.524	2.684	2.899	2.74	3.114	2.79	2.542	2.411	2.352
DG [10*log (Amax^2/Nant)]	4.59	5.03	5.57	6.24	5.74	6.86	5.9	5.09	4.63	4.42

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10 \cdot \log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^{2/N_{ant}}$

For EUT 2:

For 2G5G6GAnt1~4:

DG_1SS max value position

Frequency (Hz)	2.45G	5.2G	5.3G	6.175G	6.475G	6.695G	6.995G
Ant. 1 (dBi)	2.92	0.61	0.55	3.22	3.86	3.97	3.35
Ant. 2 (dBi)	-0.01	1.49	1.36	4.86	4.62	3.26	5.59
Ant. 3 (dBi)	2.57	1.68	0.1	3.53	3.92	4.33	4.84
Ant. 4 (dBi)	3.42	1.31	3.7	4.8	6.11	6.49	5.18
DG [1SS] (dBi)	8.34	7.3	7.56	10.15	10.7	10.62	10.8
Polarization	Phi	Theta	Phi	Theta	Phi	Phi	Phi
$\Theta(^{\circ})$	7.5	7.5	15	0	7.5	7.5	0
$\Phi(^{\circ})$	172.5	262.5	352.5	262.5	172.5	172.5	345

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	2.45G	5.2G	5.3G	6.175G	6.475G	6.695G	6.995G
Ant. 1 [$10^{(G/20)}$]	$10^{(2.92/20)}$	$10^{(0.61/20)}$	$10^{(0.55/20)}$	$10^{(3.22/20)}$	$10^{(3.86/20)}$	$10^{(3.97/20)}$	$10^{(3.35/20)}$
Ant. 2 [$10^{(G/20)}$]	$10^{(-0.01/20)}$	$10^{(1.49/20)}$	$10^{(1.36/20)}$	$10^{(4.86/20)}$	$10^{(4.62/20)}$	$10^{(3.26/20)}$	$10^{(5.59/20)}$
Ant. 3 [$10^{(G/20)}$]	$10^{(2.57/20)}$	$10^{(1.68/20)}$	$10^{(0.1/20)}$	$10^{(3.53/20)}$	$10^{(3.92/20)}$	$10^{(4.33/20)}$	$10^{(4.84/20)}$
Ant. 4 [$10^{(G/20)}$]	$10^{(3.42/20)}$	$10^{(1.31/20)}$	$10^{(3.7/20)}$	$10^{(4.8/20)}$	$10^{(6.11/20)}$	$10^{(6.49/20)}$	$10^{(5.18/20)}$
Ant. 1 [$10^{(G/20)}$] value	1.4	1.073	1.065	1.449	1.56	1.579	1.471
Ant. 2 [$10^{(G/20)}$] value	0.999	1.187	1.169	1.75	1.702	1.455	1.903
Ant. 3 [$10^{(G/20)}$] value	1.344	1.213	1.012	1.501	1.57	1.646	1.746
Ant. 4 [$10^{(G/20)}$] value	1.483	1.163	1.531	1.738	2.021	2.111	1.816
Sum All Antenna [Amax]	5.225	4.636	4.778	6.438	6.853	6.792	6.935
DG [$10^{\log(Amax^2/Nant)}$]	8.34	7.3	7.56	10.15	10.7	10.62	10.8

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10^{\log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^2/N_{ant}}$

For 5GAnt1~4:

DG_1SS max value position

Frequency (Hz)	5.2G	5.3G	5.6G	5.785G	5.885G
Ant. 1 (dBi)	3.26	2.49	3.66	2.84	4.02
Ant. 2 (dBi)	3.66	3.82	4.48	4.42	3.57
Ant. 3 (dBi)	3.13	3.56	3.34	3.66	3.15
Ant. 4 (dBi)	1.73	0.74	2.65	3.2	1.14
DG [1SS] (dBi)	9	8.75	9.58	9.57	9.06
Polarization	Theta	Theta	Theta	Theta	Theta
$\Theta(^{\circ})$	0	0	15	15	7.5
$\Phi(^{\circ})$	225	232.5	135	135	45

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	5.2G	5.3G	5.6G	5.785G	5.885G
Ant. 1 [$10^{(G/20)}$]	$10^{(3.26/20)}$	$10^{(2.49/20)}$	$10^{(3.66/20)}$	$10^{(2.84/20)}$	$10^{(4.02/20)}$
Ant. 2 [$10^{(G/20)}$]	$10^{(3.66/20)}$	$10^{(3.82/20)}$	$10^{(4.48/20)}$	$10^{(4.42/20)}$	$10^{(3.57/20)}$
Ant. 3 [$10^{(G/20)}$]	$10^{(3.13/20)}$	$10^{(3.56/20)}$	$10^{(3.34/20)}$	$10^{(3.66/20)}$	$10^{(3.15/20)}$
Ant. 4 [$10^{(G/20)}$]	$10^{(1.73/20)}$	$10^{(0.74/20)}$	$10^{(2.65/20)}$	$10^{(3.2/20)}$	$10^{(1.14/20)}$
Ant. 1 [$10^{(G/20)}$] value	1.455	1.332	1.524	1.387	1.589
Ant. 2 [$10^{(G/20)}$] value	1.524	1.552	1.675	1.663	1.508
Ant. 3 [$10^{(G/20)}$] value	1.434	1.507	1.469	1.524	1.437
Ant. 4 [$10^{(G/20)}$] value	1.22	1.089	1.357	1.445	1.14
Sum All Antenna [Amax]	5.634	5.48	6.025	6.02	5.674
DG [$10^{\log(A_{max}^2/N_{ant})}$]	9	8.75	9.58	9.57	9.06

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10^{\log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^{2/N_{ant}}}$

For 6GAnt1~4:

DG_1SS max value position

Frequency (Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 (dBi)	6.06	5.38	5.49	5.42
Ant. 2 (dBi)	4.07	4.16	3.16	5.44
Ant. 3 (dBi)	1.74	2.97	0.54	2.28
Ant. 4 (dBi)	4.09	4.9	4.81	5.43
DG [1SS] (dBi)	10.14	10.42	9.72	10.76
Polarization	Phi	Phi	Phi	Phi
$\Theta(^{\circ})$	7.5	0	7.5	0
$\Phi(^{\circ})$	37.5	37.5	142.5	142.5

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 [10 ^{^(G/20)}]	10 ^{^(6.06/20)}	10 ^{^(5.38/20)}	10 ^{^(5.49/20)}	10 ^{^(5.42/20)}
Ant. 2 [10 ^{^(G/20)}]	10 ^{^(4.07/20)}	10 ^{^(4.16/20)}	10 ^{^(3.16/20)}	10 ^{^(5.44/20)}
Ant. 3 [10 ^{^(G/20)}]	10 ^{^(1.74/20)}	10 ^{^(2.97/20)}	10 ^{^(0.54/20)}	10 ^{^(2.28/20)}
Ant. 4 [10 ^{^(G/20)}]	10 ^{^(4.09/20)}	10 ^{^(4.9/20)}	10 ^{^(4.81/20)}	10 ^{^(5.43/20)}
Ant. 1 [10 ^{^(G/20)}] value	2.009	1.858	1.881	1.866
Ant. 2 [10 ^{^(G/20)}] value	1.598	1.614	1.439	1.871
Ant. 3 [10 ^{^(G/20)}] value	1.222	1.408	1.064	1.3
Ant. 4 [10 ^{^(G/20)}] value	1.601	1.758	1.74	1.869
Sum All Antenna [A _{max}]	6.43	6.638	6.124	6.906
DG [10*log (A _{max} ² /N _{ant})]	10.14	10.42	9.72	10.76

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10 \cdot \log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^{2/N_{ant}}$

For ScanAnt1~2:

DG_1SS max value position

Frequency (Hz)	2.45G	5.2G	5.3G	5.6G	5.785G	5.885G	6.175G	6.475G	6.695G	6.995G
Ant. 1 (dBi)	3.63	4.62	4.53	5.18	4.35	4.43	5.87	5.59	4.93	7.78
Ant. 2 (dBi)	3.77	4.8	4.57	5.01	6.15	6.16	6.95	6.68	6.97	7.79
DG [1SS] (dBi)	6.71	7.72	7.56	8.11	8.31	8.35	9.44	9.16	9.02	10.8
Polarization	Phi	Phi	Phi	Theta	Theta	Theta	Phi	Phi	Phi	Phi
$\Theta(^{\circ})$	30	15	15	7.5	7.5	7.5	0	0	7.5	15
$\Phi(^{\circ})$	225	45	37.5	315	322.5	307.5	45	52.5	232.5	232.5

Note: The DG 1SS max value position is the maximum value of section 13 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	2.45G	5.2G	5.3G	5.6G	5.785G	5.885G	6.175G	6.475G	6.695G	6.995G
Ant. 1 [10^(G/20)]	10^ (3.63/20)	10^ (4.62/20)	10^ (4.53/20)	10^ (5.18/20)	10^ (4.35/20)	10^ (4.43/20)	10^ (5.87/20)	10^ (5.59/20)	10^ (4.93/20)	10^ (7.78/20)
Ant. 2 [10^(G/20)]	10^ (3.77/20)	10^ (4.8/20)	10^ (4.57/20)	10^ (5.01/20)	10^ (6.15/20)	10^ (6.16/20)	10^ (6.95/20)	10^ (6.68/20)	10^ (6.97/20)	10^ (7.79/20)
Ant. 1 [10^(G/20)] value	1.519	1.702	1.685	1.816	1.65	1.665	1.966	1.903	1.764	2.449
Ant. 2 [10^(G/20)] value	1.543	1.738	1.692	1.78	2.03	2.032	2.226	2.158	2.231	2.452
Sum All Antenna [Amax]	3.062	3.44	3.377	3.596	3.68	3.698	4.191	4.061	3.995	4.901
DG [10*log (Amax^2/Nant)]	6.71	7.72	7.56	8.11	8.31	8.35	9.44	9.16	9.02	10.8

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10 \cdot \log(10^{(G_{ant1}/20)} + 10^{(G_{ant2}/20)} + 10^{(G_{ant3}/20)} + 10^{(G_{ant4}/20)} + \dots)^{2/N_{ant}}$

10. Summary of Test Result

For EUT 1:

For 2G5G6GAnt1~4:

Freq(Hz)	2.45G	5.2G	5.3G	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	3.06	5.64	5.4	4.77	4.15	4.47	4.4
Ant. 2 Max Gain (dBi)	1.61	4.71	5.23	4.68	3.93	3.8	4
Ant. 3 Max Gain (dBi)	1.81	4.76	4.97	4.51	5.28	4.4	4.47
Ant. 4 Max Gain (dBi)	2.37	5.57	5.93	5.05	4.95	4.73	4.85
Ant. 1 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/52.5/172.5	Theta/45/255	Theta/52.5/285	Theta/67.5/337.5	Phi/0/172.5	Phi/7.5/0	Phi/15/157.5
Ant. 2 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/75/307.5	Theta/52.5/45	Theta/52.5/37.5	Theta/22.5/45	Phi/0/135	Theta/15/45	Phi/0/315
Ant. 3 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/75/225	Theta/60/135	Theta/60/135	Theta/15/142.5	Phi/0/225	Phi/0/37.5	Phi/0/225
Ant. 4 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/52.5/120	Theta/52.5/217.5	Theta/52.5/210	Theta/37.5/210	Phi/0/315	Theta/7.5/217.5	Theta/15/60
Max Gain (dBi)	3.06	5.64	5.93	5.05	5.28	4.73	4.85
DG [1SS] (dBi)	5.27	7.04	7.06	8.1	9.06	8.84	9.09
DG [2SS] (dBi)	3.06	5.64	5.93	5.1	6.06	5.84	6.09
DG [4SS] (dBi)	3.06	5.64	5.93	5.05	5.28	4.73	4.85

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)
4. Directional Gain (4SS) = Directional Gain (1SS) – 6dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

For 5GAnt1~4:

Freq(Hz)	5.2G	5.3G	5.6G	5.785G	5.885G
Ant. 1 Max Gain (dBi)	2.46	2.37	3.82	3.81	4.17
Ant. 2 Max Gain (dBi)	2.43	2.15	2.98	3.49	3.81
Ant. 3 Max Gain (dBi)	2.56	2.33	2.65	3.39	3.44
Ant. 4 Max Gain (dBi)	3.28	2.61	4.3	4	3.92
Ant. 1 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/67.5/247.5	Phi/67.5/247.5	Phi/52.5/75	Phi/45/82.5	Phi/52.5/120
Ant. 2 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/37.5/22.5	Phi/45/165	Phi/37.5/157.5	Phi/52.5/157.5	Phi/45/180
Ant. 3 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/45/105	Phi/45/105	Phi/37.5/240	Phi/37.5/292.5	Phi/37.5/232.5
Ant. 4 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/67.5/165	Phi/75/172.5	Phi/75/172.5	Phi/45/30	Phi/45/330
Max Gain (dBi)	3.28	2.61	4.3	4	4.17
DG [1SS] (dBi)	7.11	6.52	7.65	7.52	7.28
DG [2SS] (dBi)	4.11	3.52	4.65	4.52	4.28
DG [4SS] (dBi)	3.28	2.61	4.3	4	4.17

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)
4. Directional Gain (4SS) = Directional Gain (1SS) – 6dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

For 6GAnt1~4:

Freq(Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	3.76	2.79	3.31	4.3
Ant. 2 Max Gain (dBi)	3.16	2.9	2.57	3.68
Ant. 3 Max Gain (dBi)	4.33	3.72	3.13	4.23
Ant. 4 Max Gain (dBi)	4.63	3.97	3.57	5.09
Ant. 1 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/52.5/105	Theta/52.5/262.5	Theta/52.5/262.5	Theta/60/120
Ant. 2 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/60/142.5	Theta/60/180	Theta/67.5/195	Theta/75/7.5
Ant. 3 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/60/112.5	Theta/60/82.5	Theta/67.5/82.5	Theta/60/90
Ant. 4 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/52.5/330	Theta/75/157.5	Theta/75/150	Theta/60/165
Max Gain (dBi)	4.63	3.97	3.57	5.09
DG [1SS] (dBi)	7.65	7.01	6.42	7.54
DG [2SS] (dBi)	4.65	4.01	3.57	5.09
DG [4SS] (dBi)	4.63	3.97	3.57	5.09

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)
4. Directional Gain (4SS) = Directional Gain (1SS) – 6dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

For ScanAnt1~2:

Freq(Hz)	2.45G	5.2G	5.3G	5.6G	5.785G	5.885G	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	2.29	3.12	3.98	4.37	4.51	5.79	4.9	3.84	4.73	4.62
Ant. 2 Max Gain (dBi)	2.28	4.62	3.66	5.76	4.67	5.83	4.73	4.72	3.36	3.72
Ant. 1 Polarization/ Θ ($^{\circ}$)/ Φ ($^{\circ}$)	Theta/67.5/142.5	Theta/52.5/292.5	Theta/52.5/285	Theta/52.5/285	Theta/60/300	Theta/52.5/277.5	Theta/52.5/277.5	Theta/52.5/277.5	Theta/67.5/307.5	Theta/60/247.5
Ant. 2 Polarization/ Θ ($^{\circ}$)/ Φ ($^{\circ}$)	Theta/52.5/7.5	Theta/75/120	Theta/52.5/105	Theta/52.5/105	Theta/75/112.5	Theta/60/105	Theta/52.5/97.5	Theta/75/90	Theta/60/97.5	Theta/67.5/67.5
Max Gain (dBi)	2.29	4.62	3.98	5.76	4.67	5.83	4.9	4.72	4.73	4.62
DG [1SS] (dBi)	4.59	5.03	5.57	6.24	5.74	6.86	5.9	5.09	4.63	4.42
DG [1SS] (dBi) Revised	4.59	5.03	5.57	6.24	5.74	6.86	5.9	5.09	4.73	4.62
DG [2SS] (dBi)	2.29	4.62	3.98	5.76	4.67	5.83	4.9	4.72	4.73	4.62

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

For EUT 2:

For 2G5G6GAnt1~4:

Freq(Hz)	2.45G	5.2G	5.3G	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	5.34	3.6	3.6	5.8	6.55	6.21	7.65
Ant. 2 Max Gain (dBi)	5.33	4.58	4.48	6.57	7.21	6.68	8.1
Ant. 3 Max Gain (dBi)	5.53	4.05	4.27	5.98	6.58	7.32	7.93
Ant. 4 Max Gain (dBi)	5.16	5.23	4.51	7.1	7.75	7.75	8.36
Ant. 1 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/7.5/217.5	Phi/15/210	Theta/7.5/307.5	Phi/0/37.5	Phi/0/37.5	Phi/0/202.5	Phi/15/37.5
Ant. 2 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/15/307.5	Theta/7.5/45	Phi/22.5/120	Phi/7.5/135	Phi/7.5/330	Phi/15/330	Phi/22.5/322.5
Ant. 3 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/0/135	Phi/22.5/315	Phi/22.5/315	Theta/15/217.5	Phi/7.5/127.5	Phi/7.5/127.5	Phi/22.5/135
Ant. 4 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/7.5/202.5	Phi/7.5/210	Phi/22.5/22.5	Theta/0/292.5	Phi/0/30	Phi/7.5/202.5	Phi/15/210
Max Gain (dBi)	5.53	5.23	4.51	7.1	7.75	7.75	8.36
DG [1SS] (dBi)	8.34	7.3	7.56	10.15	10.7	10.62	10.8
DG [2SS] (dBi)	5.53	5.23	4.56	7.15	7.75	7.75	8.36
DG [4SS] (dBi)	5.53	5.23	4.51	7.1	7.75	7.75	8.36

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)
4. Directional Gain (4SS) = Directional Gain (1SS) – 6dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

For 5GAnt1~4:

Freq(Hz)	5.2G	5.3G	5.6G	5.785G	5.885G
Ant. 1 Max Gain (dBi)	5.51	5.45	6.54	6.38	6.73
Ant. 2 Max Gain (dBi)	5.14	5.42	6.3	6.55	6.66
Ant. 3 Max Gain (dBi)	5.54	5.88	6.87	6.34	5.62
Ant. 4 Max Gain (dBi)	5.37	5.89	7.05	6.65	5.94
Ant. 1 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/0/187.5	Phi/15/90	Phi/15/90	Theta/15/172.5	Theta/15/172.5
Ant. 2 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/0/262.5	Theta/22.5/90	Theta/15/90	Theta/15/105	Theta/15/105
Ant. 3 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/7.5/262.5	Theta/0/270	Theta/0/270	Phi/7.5/352.5	Theta/0/277.5
Ant. 4 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/15/270	Phi/7.5/255	Phi/0/90	Phi/0/90	Phi/0/82.5
Max Gain (dBi)	5.54	5.89	7.05	6.65	6.73
DG [1SS] (dBi)	9	8.75	9.58	9.57	9.06
DG [2SS] (dBi)	6	5.89	7.05	6.65	6.73
DG [4SS] (dBi)	5.54	5.89	7.05	6.65	6.73

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)
4. Directional Gain (4SS) = Directional Gain (1SS) – 6dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

For 6GAnt1~4:

Freq(Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	7.86	7.99	6.72	7.15
Ant. 2 Max Gain (dBi)	7.59	7.48	6.74	8.29
Ant. 3 Max Gain (dBi)	5.81	6.3	5.48	6.44
Ant. 4 Max Gain (dBi)	6.75	7.28	7.04	7.61
Ant. 1 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/7.5/0	Phi/0/0	Phi/0/172.5	Phi/7.5/180
Ant. 2 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/0/262.5	Phi/0/262.5	Phi/15/97.5	Phi/0/97.5
Ant. 3 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Theta/0/0	Phi/7.5/90	Phi/0/90	Phi/0/262.5
Ant. 4 Polarization/ $\Theta(^{\circ})/\Phi(^{\circ})$	Phi/0/0	Phi/0/0	Phi/0/0	Phi/0/0
Max Gain (dBi)	7.86	7.99	7.04	8.29
DG [1SS] (dBi)	10.14	10.42	9.72	10.76
DG [2SS] (dBi)	7.86	7.99	7.04	8.29
DG [4SS] (dBi)	7.86	7.99	7.04	8.29

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)
4. Directional Gain (4SS) = Directional Gain (1SS) – 6dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

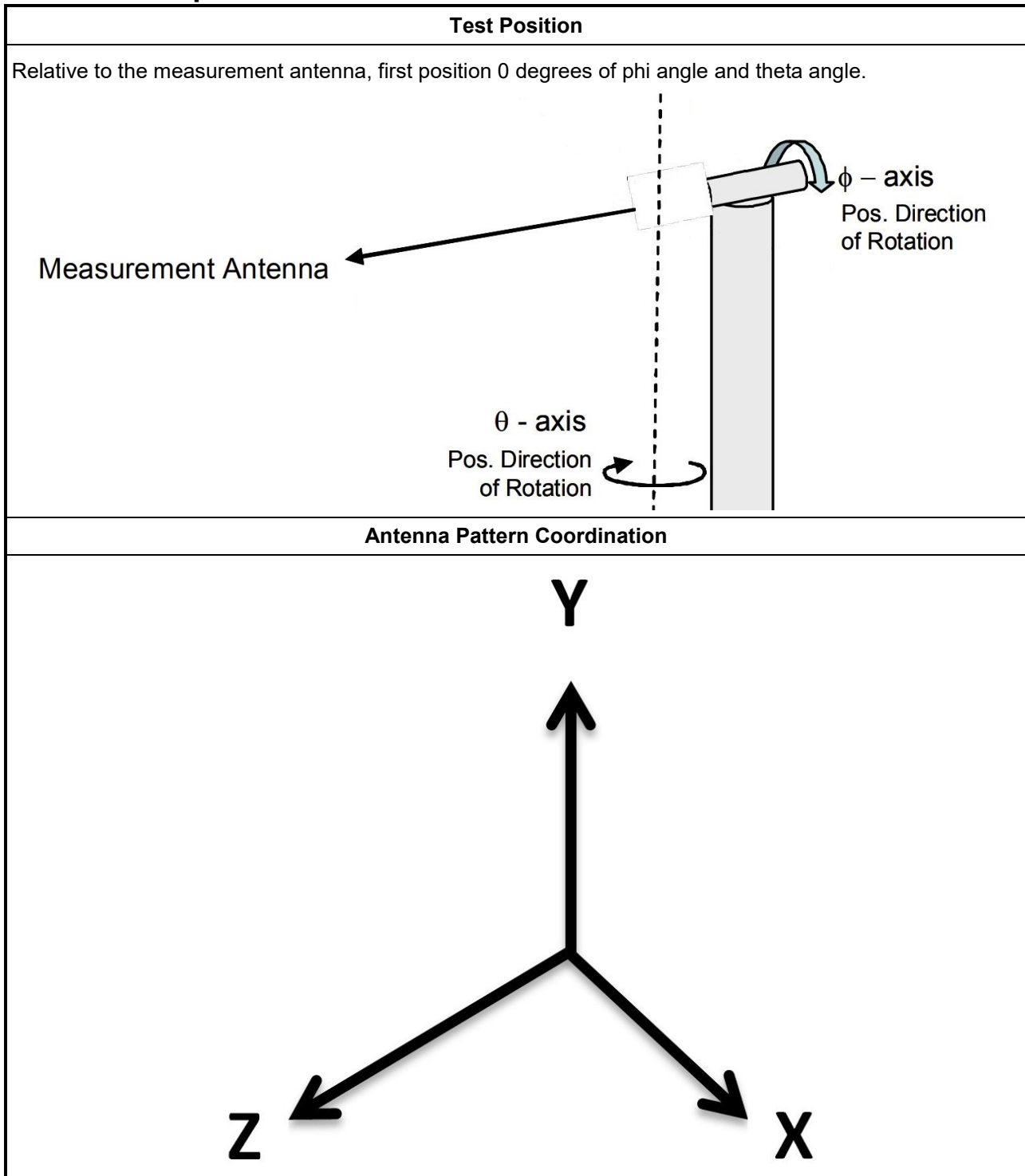
For ScanAnt1~2:

Freq(Hz)	2.45G	5.2G	5.3G	5.6G	5.785G	5.885G	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	4.18	4.62	4.53	5.24	4.35	4.43	5.87	5.74	5.31	7.78
Ant. 2 Max Gain (dBi)	4.07	5.08	4.76	5.6	6.15	6.29	7.08	6.68	6.97	8.17
Ant. 1 Polarization/ Θ ($^\circ$)/ Φ ($^\circ$)	Theta/15 /307.5	Phi/15/4 5	Phi/15/3 7.5	Theta/15 /315	Theta/7. 5/322.5	Theta/7. 5/307.5	Phi/0/45	Phi/7.5/2 17.5	Theta/7. 5/157.5	Phi/15/2 32.5
Ant. 2 Polarization/ Θ ($^\circ$)/ Φ ($^\circ$)	Phi/15/2 47.5	Phi/7.5/5 2.5	Phi/7.5/2 17.5	Phi/0/22 5	Theta/7. 5/322.5	Theta/0/ 135	Phi/7.5/2 32.5	Phi/0/52. 5	Phi/7.5/2 32.5	Phi/0/52. 5
Max Gain (dBi)	4.18	5.08	4.76	5.6	6.15	6.29	7.08	6.68	6.97	8.17
DG [1SS] (dBi)	6.71	7.72	7.56	8.11	8.31	8.35	9.44	9.16	9.02	10.8
DG [2SS] (dBi)	4.18	5.08	4.76	5.6	6.15	6.29	7.08	6.68	6.97	8.17

Note:

1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain. Refer to KDB662911D01 (F) (2) (e) (ii)

11. Test Setup



Note:

Photos of Test Position: Please refer to the test photos in the appendix.

**12. Test Equipment and Calibration Data**

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1531	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024
Dual Polarization Horn Antenna	Sporton	S0209DP	S0209DP-001	2GHz~9GHz	N.C.R.	N.C.R.
ENA Series Network Analyzer	AGILENT	E5071C	MY46419477	100kHz~8.5GHz	Jul. 30, 2024	Jul. 29, 2025
VNA Calibration Kit	TS RF	TS85033E-F	-	DC~9GHz	N.C.R.	N.C.R.
Multi-axis positioner	Sporton	MAPS01	MAPS01-001	Theta / Phi axis	N.C.R.	N.C.R.
Test Software	SPORTON	SENSE-RDG	V1.0.8	-	N.C.R.	N.C.R.

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

13. Test Results

Please refer to the appendix.

Appendix A – Radiated Composite Gain of Radio 3 2.4GHz,5GHz,6GHz for EUT 1.....	Page 31
Appendix B – Radiated Composite Gain of Radio 2 5GHz for EUT 1.....	Page 50
Appendix C – Radiated Composite Gain of Radio 1 6GHz for EUT 1.....	Page 64
Appendix D – Radiated Composite Gain of Radio 4 2.4GHz,5GHz,6GHz for EUT 1.....	Page 75
Appendix E – Radiated Composite Gain of Radio 3 2.4GHz,5GHz,6GHz for EUT 2.....	Page 91
Appendix F – Radiated Composite Gain of Radio 2 5GHz for EUT 2.....	Page 110
Appendix G – Radiated Composite Gain of Radio 1 6GHz for EUT 2.....	Page 124
Appendix H – Radiated Composite Gain of Radio 4 2.4GHz,5GHz,6GHz for EUT 2.....	Page 135
Appendix I – Antenna Pattern of Radio 3 2.4GHz,5GHz,6GHz for EUT 1.....	Page 151
Appendix J – Antenna Pattern of Radio 2 5GHz for EUT 1.....	Page 160
Appendix K – Antenna Pattern of Radio 1 6GHz for EUT 1.....	Page 167
Appendix L – Antenna Pattern of Radio 4 2.4GHz,5GHz,6GHz for EUT 1.....	Page 173
Appendix M – Antenna Pattern of Radio 3 2.4GHz,5GHz,6GHz for EUT 2.....	Page 179
Appendix N – Antenna Pattern of Radio 2 5GHz for EUT 2.....	Page 188
Appendix O – Antenna Pattern of Radio 1 6GHz for EUT 2.....	Page 195
Appendix P – Antenna Pattern of Radio 4 2.4GHz,5GHz,6GHz for EUT 2.....	Page 201
Appendix Q – Test Photos.....	Page 207



Freq(Hz)	2.45G	5.2G	5.3G	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	3.06	5.64	5.4	4.77	4.15	4.47	4.4
Ant. 2 Max Gain (dBi)	1.61	4.71	5.23	4.68	3.93	3.8	4
Ant. 3 Max Gain (dBi)	1.81	4.76	4.97	4.51	5.28	4.4	4.47
Ant. 4 Max Gain (dBi)	2.37	5.57	5.93	5.05	4.95	4.73	4.85
Ant. 1 Polarization/ $\theta(^{\circ})/\Phi(^{\circ})$	Theta/52.5/172.5	Theta/45/255	Theta/52.5/285	Theta/67.5/337.5	Phi/0/172.5	Phi/7.5/0	Phi/15/157.5
Ant. 2 Polarization/ $\theta(^{\circ})/\Phi(^{\circ})$	Theta/75/307.5	Theta/52.5/45	Theta/52.5/37.5	Theta/22.5/45	Phi/0/135	Theta/15/45	Phi/0/315
Ant. 3 Polarization/ $\theta(^{\circ})/\Phi(^{\circ})$	Theta/75/225	Theta/60/135	Theta/60/135	Theta/15/142.5	Phi/0/225	Phi/0/37.5	Phi/0/225
Ant. 4 Polarization/ $\theta(^{\circ})/\Phi(^{\circ})$	Theta/52.5/120	Theta/52.5/217.5	Theta/52.5/210	Theta/37.5/210	Phi/0/315	Theta/7.5/217.5	Theta/15/60
Max Gain (dBi)	3.06	5.64	5.93	5.05	5.28	4.73	4.85
DG [1SS] (dBi)	5.27	7.04	7.06	8.1	9.06	8.84	9.09
DG [2SS] (dBi)	3.06	5.64	5.93	5.1	6.06	5.84	6.09
DG [4SS] (dBi)	3.06	5.64	5.93	5.05	5.28	4.73	4.85



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

DG 1SS Result

Freq(Hz)	2.45GPol.	Phi-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
DG(dB)	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	-4.22/-3.75	-3.09/-2.73	-2.81/-3.16	-3.86/-4.81	-5.78/-6.29	-6.37/-5.9	-5.58/-5.15	-5.44/-5.49	-5.25/-4.87	-4.55/-4.1	-4.32/-4.13	-3.39/-3.6	-3.6/-3.76	-3.99/-4.35	-4.41/-4.1	-4.06/-4.53	-5.25/-5.37	-4.93/-4.44	-4.62/-5.23	-5.34/-4.98	-4.82/-6.22	-4.16/-3.63	-3.39/-4.38	-3.79/-4.17
Θ(7.5°)	-4.76/-4.66	-4.21/-2.56	-3.12/-3.12	-3.79/-4.81	-5.72/-6.36	-6.54/-6.01	-5.54/-5.41	-5.34/-5.49	-5.91/-5.89	-5.24/-4.46	-3.84/-3.56	-3.34/-3.35	-3.48/-3.64	-3.87/-4.34	-4.64/-4.7	-5.19/-5.54	-5.47/-5.15	-5.08/-5.55	-6.01/-6.06	-5.75/-5.24	-4.84/-4.61	-4.42/-4.42	-4.33/-4.52	
Θ(15°)	-5.28/-5.26	-4.87/-4.19	-3.59/-3.56	-4.33/-5.97	-7.3/-7.13	-6.97/-7.1	-6.2/-5.58	-5.51/-5.97	-6.66/-7.61	-7.53/-6.06	-4.65/-3.8	-3.57/-3.6	-3.77/-3.95	-4.28/-4.82	-5.54/-6.04	-6.04/-5.9	-5.95/-5.99	-6.32/-6.26	-6.06/-6.12	-6.45/-6.64	-6.29/-5.58	-5.38/-5.96	-6.78/-7.01	-6.17/-5.58
Θ(22.5°)	-4.65/-5	-5.11/-4.84	-4.67/-5.1	-6.44/-8.61	-9.49/-8.39	-7.61/-7.47	-7.33/-6.91	-6.54/-6.9	-7.62/-8.79	-9.32/-7.52	-5.46/-4.21	-3.92/-3.86	-3.98/-4.25	-4.75/-5.51	-6.64/-7.03	-6.87/-6.78	-6.3/-5.93	-6.22/-6.33	-6.5/-6.9	-6.61/-5.93	-5.67/-6.11	-6.76/-6.46	-5.74/-5.01	
Θ(30°)	-4.03/-4.65	-4.88/-5.48	-6.64/-7.74	-8.76/-10.43	-10.02/-9.38	-8.47/-7.79	-8.07/-8.9	-10.24/-10.36	-9.25/-9.28	-8.5/-8.12	-6.94/-5.55	-3.83/-3.75	-3.96/-4.45	-5.26/-6.21	-6.93/-7.03	-6.5/-6.02	-6.02/-6.57	-7.6/-8.86	-9.83/-9.06	-7.87/-7.74	-7.02/-6.67	-5.82/-4.77	-4.11/-3.97	
Θ(37.5°)	-4.81/-5.49	-5.65/-7.01	-8.55/-8.16	-7.91/-9.39	-9.9/-9.81	-8.21/-7.6	-8.37/-9.41	-9.92/-9.89	-8.45/-7.01	-6.68/-6.9	-6.79/-6.4	-5.84/-4.91	-4.72/-4.34	-3.97/-4.14	-4.73/-5.68	-6.57/-6.88	-6.57/-6.38	-6.51/-6.46	-6.47/-7.13	-7.78/-7.56	-7.62/-7.21	-7.13/-6.13	-5.28/-4.3	-3.95/-4.47
Θ(45°)	-6.37/-5.72	-5.53/-6.68	-7.85/-7.11	-6.22/-7.85	-10.24/-9.71	-8.2/-8.28	-9.01/-9.24	-8.71/-8	-6.91/-5.71	-5.61/-6.51	-6.81/-6.75	-6.61/-6.77	-6.59/-5.82	-4.94/-5.27	-6.43/-7.12	-6.94/-6.49	-6.66/-6.5	-6.65/-6.88	-6.64/-6.1	-6.7/-7.62	-7.57/-7.01	-6.51/-5.74	-4.97/-4.16	-4.52/-5.56
Θ(52.5°)	-7.01/-4.8	-4.05/-4.7	-4.76/-4.29	-4.41/-6.6	-9.58/-10.04	-8.1/-7.34	-7.24/-7.39	-7.68/-8.2	-7.11/-5.1	-5.33/-7.06	-7.37/-6.09	-6.11/-6.7	-5.59/-4.96	-5.73/-7.41	-8.07/-8.54	-7.22/-7.27	-8.03/-8.16	-8.48/-8.38	-6.65/-5.18	-5.61/-6.8	-6.13/-5.56	-6.53/-7.07	-6.06/-4.95	-5.34/-6.46
Θ(60°)	-5.88/-3.63	-2.83/-4.15	-4.83/-4.51	-4.51/-6.05	-8.77/-8.68	-7.09/-7.06	-7.31/-6.63	-6.65/-8.95	-10.1/-6.99	-6.32/-7.84	-7.18/-5.02	-4.31/-5.42	-4.55/-3.4	-4.61/-7.2	-6.64/-7.98	-8.12/-9.81	-10.65/-9.46	-7.38/-7.34	-5.98/-4.05	-3.96/-5.1	-5.01/-3.96	-4.92/-6.42	-5.91/-5.77	-6.98/-7
Θ(67.5°)	-7.24/-0.7	-2.79/-4.7	-6/-6.39	-6.31/-6.54	-7.14/-5.9	-5.51/-8.27	-5/-5.94	-4.72/-6.3	-6.66/-5.35	-5.92/-6.44	-5.99/-4.01	-3.85/-5.79	-5.02/-3.72	-5.44/-7.21	-6.8/-6.69	-8.42/-10.62	-10.88/-10.47	-8.32/-7.35	-5.62/-4.14	-4.39/-5.01	-3.87/-2.98	-4.25/-6.48	-6.22/-5.84	-8.42/-9.84
Θ(75°)	-6.42/-4.03	-3.05/-3.87	-3.89/-4.08	-4.53/-5.92	-5.92/-4.56	-4.59/-7.02	-7.89/-5.09	-4.37/-5.47	-4.93/-4.38	-3.07/-3.85	-6.52/-5.87	-4.28/-6.31	-7.04/-5.31	-5.88/-7.55	-5.38/-4.49	-7.03/-8.63	-10.16/-10.01	-7.46/-7.18	-6.51/-6.41	-4.46/-4.77	-3.08/-1.89	-2.39/-5.39	-7.88/-5.75	-6.01/-6.95
Θ(82.5°)	-4.48/-3.54	-3.68/-4.14	-3.2/-2.95	-3.72/-4.6	-5.54/-5.74	-6.02/-7.69	-8.25/-6.48	-5.81/-5.6	-4.21/-2.97	-3.07/-4.22	-6.73/-4.44	-3.35/-5.01	-6.03/-4.36	-4.89/-5.15	-3.94/-4.23	-7.15/-7.08	-7.39/-9.12	-7.96/-7.12	-6.07/-3.59	-3.13/-4.98	-6.86/-4.53	-3.14/-4.15	-7.04/-5.94	-5.41/-5.53
Θ(90°)	-4.43/-3.27	-3.71/-3.8	-3.06/-3.03	-4.66/-5.81	-5.98/-5.98	-5.19/-6.1	-8.22/-6.93	-4.87/-3.59	-3.19/-3.42	-4.25/-3.8	-4.06/-3.75	-3.1/-4.76	-4.91/-3.06	-3.04/-5.25	-4.83/-4.51	-5.93/-6.18	-6.69/-7.56	-5.9/-5.35	-6.13/-5.1	-4.31/-4.12	-3.94/-4.16	-5.07/-5.34	-6.45/-5.11	-5.45/-5.69
Θ(97.5°)	-5.45/-3.24	-2.81/-4.44	-3.35/-3.17	-3.56/-4.59	-6.01/-6.88	-6.41/-6.14	-6.37/-5.16	-4.15/-3.14	-3.02/-3.38	-2.88/-2.56	-3.32/-3.52	-3.44/-3.88	-3.56/-2.71	-3.47/-5.39	-4.11/-4.09	-5.04/-6.05	-6.75/-7.38	-6.19/-5.36	-4.63/-4	-4.37/-3.68	-2.51/-2.77	-4.43/-6.94	-6.07/-3.75	-4.44/-5.56
Θ(105°)	-5.41/-3.21	-2.43/-4.33	-4.16/-3.97	-4.07/-3.91	-4.56/-5.04	-4.64/-5.7	-6.43/-6.49	-4.48/-3.25	-2.44/-2.64	-2.45/-2.37	-3.52/-3.6	-2.43/-3.21	-5.01/-4.07	-3.96/-5.57	-4.78/-3.56	-4.16/-5.25	-5.12/-6.17	-6.19/-5.09	-4.62/-4.62	-3.75/-2.73	-2.37/-2.03	-1.97/-4.02	-6.24/-4.26	-4.16/-4.11
Θ(112.5°)	-3.09/-2.97	-3.13/-5.06	-4.45/-2.69	-1.83/-1.35	-2.25/-3.57	-3.75/-4.75	-5.95/-5.39	-3.56/-3.12	-3.68/-2.72	-1.19/-0.48	-2.14/-3.12	-3.16/-5.23	-5.04/-2.92	-2.73/-3.11	-2.32/-2.14	-4.63/-5.55	-6.54/-5.82	-5.06/-4.79	-5.54/-4.64	-2.57/-1.52	-2.33/-2.54	-3.47/-4.41	-4.27/-2.81	-2.87/-3.37
Θ(120°)	-2.63/-2.7	-2.9/-3.98	-3.35/-3.25	-2.63/-2.84	-3.98/-4.45	-4.76/-5.59	-4.96/-4.11	-3.22/-3.29	-3.09/-1.57	-0.67/-0.72	-3.07/-3.58	-2.83/-4.44	-4.46/-1.53	-0.4/-1.27	-2.01/-3.27	-6.28/-6.04	-5.08/-4.08	-2.87/-2.75	-3.37/-3.59	-3.36/-3.2	-3.7/-3.53	-3.81/-3.39	-2.11/-0.98	-0.88/-1.97
Θ(127.5°)	-0.62/-0.99	-1.95/-2.99	-2.69/-2.39	-3.98/-6.35	-8.26/-4.68	-2.45/-2.24	-3.05/-2.47	-1.71/-2.24	-3.73/-3.21	-2.48/-2.96	-3.28/-1.96	-1.5/-2.1	-1.76/-0.73	-1.12/-2.94	-1.46/-3.97	-2.98/-2.04	-2.99/-3.15	-4.61/-4.6	-3.9/-3.27	-2.12/-1.25	-1.72/-2.46	-2.53/-1.85	-1.46/-4.14	-1.0/-5.6
Θ(135°)	0.44/-0.36	-1.13/-4.2	-6.09/-4.28	-4.04/-4.29	-3.79/-3.24	-2.18/-2.13	-2.06/-1.75	-2.24/-4.31	-5.3/-3.04	-1.23/-1.08	-2.01/-2.22	-1.8/-2.28	-3.22/-2.13	-1.24/-1.46	-2.49/-3.07	-3.28/-3.29	-4.01/-4.19	-3.32/-3.55	-3.44/-2.53	-2.12/-2.48	-2.99/-2.35	-1.85/-2.14	-2.41/-2.93	-2.03/-0.58
Θ(142.5°)	0.15/0.25	-1.21/-3.98	-5.55/-5.16	-4.99/-5	-5.39/-5.8	-5.32/-4.5	-3.9/-4.01	-4.62/-5.5	-5.14/-3.98	-2.75/-2.83	-3.22/-2.66	-1.6/-1.48	-1.6/-1.23	-0.82/-0.86	-1.56/-1.96	-2/-2.05	-2.36/-3.03	-3.57/-3.6	-3.51/-3.15	-2/-1.7	-2.28/-2.5	-2.71/-3.42	-4.3/-4.84	-3.9/-1.76
Θ(150°)	-2.41/-2.22	-2.66/-2.71	-2.41/-2.26	-3.08/-4.8	-6.45/-6.65	-5.96/-5.12	-4.44/-4.06	-3.79/-3.16	-2.38/-1.86	-1.48/-1.55	-2.08/-2.67	-2.31/-1.96	-2.12/-2.74	-3.74/-4.44	-3.84/-2.77	-2.22/-2.16	-2.28/-2.46	-3.26/-2.34	-3.06/-3.12	-1.61/-0.76	-0.91/-1.79	-3.57/-5.2	-5.95/-5.84	-4.24/-5.58
Θ(157.5°)	-2.37/-2.35	-2.16/-1.85	-1.7/-2.07	-2.93/-3.91	-4.75/-5.17	-4.97/-4.25	-3.34/-2.84	-2.76/-2.44	-1.36/-0.43	-0.06/-0.51	-1.44/-2.01	-2.01/-2.16	-2.85/-4.32	-5.95/-6.38	-6.33/-5.37	-4.51/-3.36	-1.83/-0.85	-0.56/-1.02	-1.97/-2.28	-1.67/-1.2	-1.3/-1.65	-2.72/-3.16	-2.8/-2.26	-2.09/-2.2
Θ(165°)	-1.44/-1.66	-2/-2.45	-3.12/-3.73	-4.11/-4.43	-4.56/-3.76	-2.48/-1.7	-1.48/-1.16	-1.86/-1.96	-1.81/-1.34	-0.96/-0.44	-0.02/-0.16	0.15/-0.3	-1.2/-2.54	-3.99/-5.07	-5.99/-5.53	-4.63/-2.92	-1.66/-1.35	-1.74/-2.55	-3.43/-3.69	-3.84/-3.58	-3.27/-2.97	-3.17/-2.92	-2.59/-1.88	-1.54/-1.55
Θ(172.5°)	-3.79/-3.98	-4.31/-4.72	-5.17/-5.45	-5.54/-4.89	-3.69/-2.51	-1.93/-1.78	-1.71/-3.64	-1.59/-1.6	-1.57/-1.09	-0.54/-0.07	0.11/-0.03	-0.37/-1.19	-2.34/-3.68	-4.88/-6.18	-5.59/-5.68	-4.69/-5.15	-4.94/-4.66	-4.25/-4.39	-5.58/-5.68	-5.41/-5.18	-4.94/-4.66	-4.13/-3.87	-4.73/-3.88	-3.77/-3.88
Θ(180°)	-5.21/-5.47	-6.11/-6.65	-7.35/-7.69	-7.33/-5.96	-4.89/-4.34	-4.19/-4.23	-4.17/-4.01	-3.61/-2.79	-1.99/-1.46	-1.22/-1.19	-1.47/-1.87	-2.3/-3.06	-4.15/-5.24	-5.75/-6.16	-6.07/-5.7	-5.84/-6.57	-7.03/-6.81	-5.99/-5.03	-4.18/-3.41	-2.7/-2.26	-2.2/-2.41	-2.86/-3.33	-3.95/-4.28	-4.81/-5.23
Freq(Hz)	2.45GPol.	Theta-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
DG(dB)	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	-5.02/-4.93	-4.99/-5.08	-5.32/-5.04	-4.64/-4.48	-4.08/-3.93	-4.03/-3.89	-3.64/-3.45	-3.36/-3.29	-3.38/-3.92	-4.65/-5.24	-5.14/-4.77	-4.74/-5	-5.46/-5.83	-6.34/-6.1	-5.73/-5.42	-5.31/-4.97	-4.33/-3.66	-3.25/-3.25	-3.38/-3.33	-3.3/-3.39	-3.66/-3.89	-4.06/-4.41	-4.76/-5.32	-5.52/-5.19
Θ(7.5°)	-6.69/-6.63	-6.98/-7.11	-6.98/-6.6	-5.78/-4.64	-3.88/-3.54	-3.52/-3.51	-3.35/-3.1	-3/-2.94	-2.99/-2.96	-3.24/-3.76	-4.14/-4.26	-4.35/-4.79	-5.08/-5.35	-5.55/-5.71	-4.93/-4.22	-3.79/-3.73	-3.8/-3.89	-3.85/-3.9	-4.24/-4.13	-4.14/-4.25	-4.32/-4.81	-5.28/-5.64	-5.94/-6.46	-6.65/-7
Θ(15°)	-3.41/-3.71	-4.12/-4.48	-4.87/-5.11	-5.09/-4.61	-3.97/-3.49	-3.43/-3.53	-3.57/-3.71	-3.49/-3.4	-3.41/-3.22	-2.83/-2.35	-1.94/-1.91	-2.21/-2.12	-2.07/-1.85	-1.68/-1.61	-1.71/-1.77	-1.61/-1.39	-1.18/-1.03	-0.89/-0.61	-0.3/-0.06	-0.02/-0.18	-0.42/-0.83	-1.47/-2.14	-2.66/-2.84	-2.93/-3.1
Θ(22.5°)	0.64/0.4	0.05/-0.41	-1.14/-1.91	-2.28/-1.94	-1.18/-0.65	-0.42/-0.34	-0.49/-0.82	-1.08/-1.23	-1.29/-1.19	-0.81/-0.18	0.44/0.91	1.19/-1.42	1.49/-1.54	1.25/1	0.77/0.76	0.99/-1.42	1.75/2.06	2.28/2.35	2.45/2.65	2.85/2.98	2.98/2.75	2.23/-1.66	1.27/-1.09	0.98/0.88
Θ(30°)	2.12/-1.92	1.88/-1.88	1.82/-1.59	1.38/-1.47	2.01/-2.7	3.13/-24	3.06/-7.8	2.48/-2.15	1.81/-5.1	1.51/-8.7	2.26/-2.57	2.85/-3.05	3.16/-3.18	2.92/-47	2.142/-4.1	2.432/-9.1	3.31/-6.3	3.83/-74	3.52/-4.38	3.69/-3.97	4.23/-4.18	3.86/-47	3.35/-2.33	2.94/-4.28
Θ(37.5°)	2.492/-2.29	2.382/-7.1	3.073/-1.8	3.093/-1.3	3.54/-0.2	4.334/-37	4.133/-95	3.964/-0.2	3.793/-27	2.953/-12	3.333/-36	3.423/-58	3.743/-61	3.262/-75	2.452/-43	2.733/-14	3.433/-56	3.623/-74	3.433/-34	3.453/-65	3.813/-76	3.443/-22	3.313/-37	3.172/-84
Θ(45°)	3.083/-1.6	3.263/-42	3.583/-5.6	3.343/-22	3.273/-36	3.363/-44	3.573/-6	3.734/-22	4.644/-47	3.973/-64	3.453/-41	3.583/-83	3.923/-75	3.473/-12	2.672/-35	2.272/-51	2.873/-2	3.473/-66	3.743/-68	3.573/-71				



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(22.5°)	1.95/2.15	2.12/2.28	2.14/1.78	1.56/1.62	0.94/0.37	0.53/0.2	0.23/0.01	-0.43/-0.46	-0.54/-0.12	-0.79/-1	-0.58/0.15	1.34/2.49	2.81/2.84	3.05/2.83	2.49/2.23	2.18/1.86	1.35/1.52	1.10/0.97	0.41/0.64	0.54/0.81	0.75/0.69	1.69/1.65	1.88/1.9	1.75/1.97
Θ(30°)	1.34/1.53	1.75/1.67	1.37/0.63	0.20/41	-0.12/0.06	0.97/0.49	0.54/0.68	6.67/0.13	-0.52/-0.92	-2.06/-2.65	-2.23/-0.83	0.54/1.15	1.92/2.19	2.62/62	1.95/1.51	1.31/2.22	1.32/0.86	0.47/0.12	-0.31/-1.03	-0.84/-0.53	-0.39/0.54	1.46/1.78	1.06/0.75	1.39/1.84
Θ(37.5°)	1.04/0.53	-0.05/0.42	0.83/-0.52	-1.65/-1.38	-0.28/-0.13	0.35/-0.6	-0.59/0.14	-0.54/-1.03	-1.45/-1.22	-1.47/-2.28	-1.86/-1.34	-0.68/-0.39	0.39/0.69	1.42/1.53	1.33/1.31	0.49/-0.19	-0.18/0.09	-0.28/-1.87	-2.05/-1.35	-1.65/-1.45	-3.39/-3.24	-0.38/0.25	-0.22/-0.37	0.85/1.34
Θ(45°)	-0.55/-0.71	-1.76/0.03	1.03/0.05	-2.24/-3.23	-2.62/-1.16	-1.76/-1.92	-2.04/-0.84	-2.35/-1.06	-0.7/-2.33	-1.83/-2.77	-1.55/-2.46	-4.29/-4.61	-4.23/-2.37	0.14/0.54	-0.77/-0.63	-1.87/-2.19	-2.73/-2.01	-1.44/-3.45	-3.27/-2.94	-2.92/-3.23	-3.03/-3.97	-2.67/-3.41	-1.71/-0.84	-0.75/-0.77
Θ(52.5°)	-2.76/-2.63	-3.75/-3.02	-2.56/-1.59	-3.21/-2.98	-3.51/-4.21	-3.15/-2.02	-2.96/-2.89	-2.51/-1.44	-2.12/-2.45	-2.2/-2.53	-1.81/-3.45	-5.27/-7.1	-5.56/-4.52	-2.54/-2.01	-2.46/-1.81	-2.12/-2.46	-2.66/-2.64	-2.29/-2.27	-2.61/-4.13	-4.82/-6.1	-3.53/-3.61	-2.99/-4.79	-2.91/-0.98	-2.31/-2.23
Θ(60°)	-5.8/-3.55	-5.81/-4.58	-5.12/-2.88	-3.6/-1.16	-3.51/-4.87	-5.31/-4.72	-4.77/-3.66	-2.68/-3.87	-3.08/-2.53	-3.8/-3.64	-2.53/-3.94	-5.21/-6.41	-7.13/-8.6	-2.66/-3.18	-2.73/-1.69	-1.98/-1.63	-4.34/-5.17	-7.86/-5.74	-4.13/-4.89	-6.27/-5.84	-4.16/-4.95	-2.15/-3.8	-4.42/-2.06	-4.27/-5.74
Θ(67.5°)	-4.17/-2.29	-5.9/-3.05	-4.51/-5.44	-6.86/-1.98	-3.87/-5.44	-6.62/-2.99	-2.59/-2.79	-1.56/-2	-3.19/-3.16	-3.18/-2.55	-3.53/-5.14	-7.09/-6.96	-4.1/-4.67	-1.57/-2.22	-2.31/-1.89	-2.33/-2.89	-4.09/-4.74	-8.66/-5.71	-1.9/-1.99	-3.77/-4.29	-3.86/-6.5	-3.97/-2.47	-4.45/-2.97	-7.83/-7.28
Θ(75°)	-2.38/-2.79	-6.66/-2.06	-5.2/-8.71	-9.35/-3.77	-5.6/-4.5	-4.79/-1.26	-2.41/-1.62	-1.34/-1.1	-1.97/-4.01	-4.45/-2.1	-3.85/-3.06	-4.44/-4.77	-2.7/-2.75	-1.91/-1.87	-0.41/-1.6	-4.03/-2.58	-3.3/-2.96	-6.21/-4.16	-1.04/-1.6	-2.02/-1.51	-3.58/-6.67	-4.2/-1.52	-3.32/-2.14	-5.26/-5.98
Θ(82.5°)	-2.06/-3	-6.61/-2.5	-4.95/-7.83	-9.28/-5.46	-5.63/-4.78	-4.34/-0.37	-1.07/-2.19	-2.14/-1.53	-0.87/-4.76	-3.99/-3.19	-2.34/-1.81	-4.31/-3.51	-2.02/-2.09	-2.65/-1.85	-0.01/-2.5	-4/-3.06	-3.25/-1.69	-3.68/-2.39	-0.39/-1.15	-1.38/-0.03	-4.63/-5.68	-5.46/-0.44	-3.08/-2.82	-5.06/-4.27
Θ(90°)	-2.06/-2.73	-8.09/-3.76	-4.33/-7.99	-9.17/-6.29	-4.39/-4.2	-3.84/-1.87	-1.32/-1.23	-1.86/-1.9	-0.68/-5.23	-5.77/-3.96	-2.76/-2.57	-3.1/-3.16	-1.32/-1.46	-3.88/-3.44	-0.57/-3.56	-6.06/-3.98	-1.97/-2.28	-4.62/-1.43	-1.6/-3.94	-3.9/-0.62	-4.73/-4.89	-6.15/-1.66	-2.8/-3.85	-4.02/-5.15
Θ(97.5°)	-2.66/-2.94	-8.28/-4.83	-4.05/-6.74	-9.31/-9.18	-5.23/-4.84	-3.46/-2.25	-3.18/-1.76	-2.11/-2.3	-1.99/-5.96	-6.79/-5.5	-1.46/-2.47	-5.11/-5.56	-1.37/-2.16	-4.77/-5.85	-2.2/-4.33	-5.84/-6.84	-3.44/-2.32	-4.14/-1.93	-1.05/-4.8	-5.99/-5.1	-6.71/-1.81	-3.49/-4.96	-8.81/-7.31	-7.25/-7.87
Θ(105°)	-2.78/-3.25	-7.71/-7.03	-5.48/-9.49	-9.52/-8.34	-4.48/-6.5	-4.61/-2.49	-4.06/-2.19	-2.97/-2.35	-2.93/-6.57	-7.19/-7.01	-4.55/-3.99	-4.06/-2.62	-2.23/-1.01	-4.95/-5.23	-3.64/-5.16	-6.24/-5.85	-3.57/-3.57	-3.96/-2.04	-1.61/-4.4	-5.52/-3.72	-5.51/-7.83	-6.98/-2.78	-4.24/-6.5	-5.27/-5.81
Θ(112.5°)	-5.44/-5.41	-9.11/-7.32	-8.92/-8.96	-10.75/-8.82	-8.03/-6.22	-5.51/-3.98	-5.11/-2.2	-4.14/-3.8	-4.93/-6.71	-7.59/-6.38	-5.81/-5.13	-4.96/-2.63	-3.87/-2.81	-8.34/-6.05	-4.56/-6.19	-7.77/-9.38	-5.62/-5.02	-5.89/-2.45	-2.37/-3.63	-5.29/-6.91	-4.25/-5.5	-8.04/-5.27	-5.46/-6.15	-5.58/-6.28
Θ(120°)	-7.41/-6.7	-8.64/-8.97	-10.84/-9.51	-12.33/-7.5	-9.11/-8.85	-6.27/-5.12	-8.2/4	-5.63/-4.98	-7.61/-7.63	-8.05/-5.99	-8.91/-8.03	-6.06/-4.8	-7.01/-5.18	-9.97/-6.49	-7.29/-7.09	-7.3/-6.43	-10.2/-6.48	-8.2/-4.92	-4.67/-4.51	-6.45/-9.68	-5.58/-6.83	-7.67/-7.97	-8.81/-7.31	-7.25/-7.87
Θ(127.5°)	-10.11/-9.41	-10.79/-9.81	-12.55/-9	-12.16/-18	-9.24/-10.17	-10.28/-7.65	-8.02/-8.87	-7.71/-8.03	-7.56/-6.42	-9.21/-7.66	-7.86/-9.42	-11.25/-6.68	-7.53/-8.46	-7.16/-6.57	-8.15/-9.13	-6.68/-7.66	-8.39/-8.1	-10.68/-10.12	-8.78/-8.15	-8.93/-9.11	-6.98/-7.33	-9.52/-10.87	-8.14/-8.9	
Θ(135°)	-12.15/-7.04	-12.63/-10.88	-10.48/-9.28	-9.59/-7.53	-8.28/-7.03	-9.55/-7	-7.71/-9.02	-8.52/-7.98	-6.34/-7.93	-9.31/-8.27	-8.96/-6.99	-9.24/-7.71	-5.52/-7.15	-8.49/-6.07	-6.84/-9.02	-9.29/-7.7	-11.16/-9.14	-10.22/-7.02	-6.89/-7.05	-6.08/-9.26	-9.45/-9.64	-7.83/-9.38	-9.57/-9.56	-8.98/-11.6
Θ(142.5°)	-10.04/-9.5	-10.15/-7.18	-8.91/-9.88	-9.24/-9.11	-9.48/-7.52	-7.81/-6.47	-8.42/-7.44	-6.55/-9.31	-9.73/-10.31	-8.71/-8.13	-9.77/-6.72	-9.59/-8.49	-8.64/-9.8	-8.11/-11	-9.29/-8.42	-10.99/-10.93	-9.99/-6.48	-9.84/-6.03	-7.17/-1.49	-9.49/-11.76	-8.77/-9.87	-8.04/-8.16	-8.71/-10.5	
Θ(150°)	-10.71/-8.83	-10.41/-8.93	-8.14/-9.24	-9.21/-9.16	-9.99/-8.73	-7.86/-8.26	-10.69/-7.59	-8.01/-11.29	-9.26/-9.78	-10.26/-9.42	-10.13/-10.79	-9.15/-8.1	-8.89/-8.89	-7.29/-8.82	-8.57/-7.72	-8.36/-9.33	-9.88/-10.84	-10.72/-11.24	-10.81/-8.5	-10.46/-10.07	-10.12/-12.05	-9.77/-9.46	-11.55/-9.54	-10.85/-10.59
Θ(157.5°)	-8.77/-9.29	-10.36/-10.19	-9.77/-9.68	-8.86/-8.39	-9.02/-11.09	-11.6/-10.93	-9.28/-8.93	-9.73/-11.1	-9.47/-10.51	-11.51/-11.9	-10.23/-8.09	-7.76/-11.66	-9.06/-5.81	-6.75/-8.25	-8.12/-9.06	-10.07/-10.44	-9.74/-10.51	-11.99/-11.88	-10.15/-10.99	-11.35/-10.97	-10.23/-11.61	-10.72/-11.45	-11.13/-12.22	-12.61/-10.9
Θ(165°)	-7.73/-7.61	-8.86/-8.36	-8.15/-8.39	-9/-10.96	-11.54/-12.01	-11.58/-10.16	-10.12/-10.11	-10.62/-11.31	-11.86/-12.3	-11.24/-10.02	-10.07/-10.55	-11.68/-9.72	-7.78/-8.14	-7.91/-8.71	-10.43/-11.94	-11.29/-11.02	-12.27/-12.48	-12.29/-11.25	-10.73/-11.54	-11.37/-11.65	-11.57/-11.37	-11.52/-11.62	-11.2/-9.58	-9.47/-8.3
Θ(172.5°)	-9.23/-9.16	-10.63/-10.12	-10.37/-10.39	-10.41/-11.22	-10.6/-10.45	-10.86/-10.73	-10.43/-9.5	-9.73/-10.71	-11.58/-12.5	-11.71/-11.8	-10.91/-10.16	-10.51/-8.98	-9.08/-10.86	-10.74/-10.64	-11.32/-11.52	-12.34/-11.56	-10.71/-12.23	-11.27/-11.47	-11.27/-10.96	-11.23/-10.44	-9.47/-10.27	-8.26/-8.56		
Θ(180°)	-10.58/-10.79	-11.34/-10.75	-11.17/-11.54	-12.75/-12.13	-13.08/-12.72	-11.74/-11.21	-10.92/-11.35	-11.47/-12.44	-11.33/-10.23	-10.59/-10.56	-10.03/-10.73	-10.04/-11.37	-11.84/-11.55	-11.65/-12.01	-12.31/-12.27	-11.8/-11.06	-11.06/-11.47	-11.51/-11.42	-11.27/-10.72	-10.39/-9.83	-8.77/-9.69	-10.09/-9.93	-10.81/-9.99	-9.68/-11.05
Freq(Pol)	5.3GPol	ThetaL	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	2.84/2.55	2.46/2.13	1.87/1.76	1.55/1.76	1.97/2.03	2.64/3.05	3.04/3.47	3.49/3.45	3.96/3.67	3.66/3.63	3.72/3.42	3.14/2.82	2.46/2.96	2.42/1.85	2.16/1.77	1.41/1.58	1.97/1.92	2.02/2.21	2.78/2.71	3.01/3.32	3.44/3.73	3.58/3.6	3.61/3.58	3.29/3
Θ(7.5°)	2.35/1.73	1.71/1.74	1.17/1.125	1.78/1.42	1.51/1.62	1.13/1.65	2.21/2.05	2.51/3.13	3.03/3.49	3.86/3.66	3.48/2.21	2.93/2.22	1.65/1.83	1.88/1.58	1.88/2.34	2.74/3.16	3.54/3.75	4.07/4.18	4.23/4.3	4.02/4.07	4.25/4.51	4.55/4.36	4.39/4.2	3.95/3.48
Θ(15°)	2.46/2.49	1.79/2.01	1.71/0.83	0.09/0	0.52/1.35	1.76/1.88	2.24/2.76	2.76/3.09	3.46/3.98	4.43/4.22	2.76/2.78	2.76/2.62	2.82/2.97	2.76/2.74	3.53/4.01	4.34/2.28	3.93/4.17	4.04/4.09	3.99/4.15	4.24/4.44	4.41/4.27	4.32/4.27		
Θ(22.5°)	1.82/1.79	1.92/2.56	2.4/1.6	0.41/0.15	0.86/1.49	2.32/2.9	3.43/3.54	3.75/3.58	3.34/3.5	3.74/4	3.95/4.03	3.98/3.53	2.47/1.76	1.81/2.28	2.38/2.43	3.26/3.68	4.1/4.5	4.14/3.18	2.89/3.42	44/72	4.44/3.75	3.47/3.58	3.9/4.03	2.99/2.21
Θ(30°)	2.23/1.22	1.32/1.44	1.55/1.11	1.32/1.69	1.64/2.17	2.45/2.61	2.93/2.3	3.36/3.84	3.77/3.28	3.01/3.51	3.19/4.31	4.61/3.68	3.64/1.46	4.15/3.9	4.41/4.74	4.96/4.15	3.73/3.9	4.53/3.88	3.71/4.41	4.21/3.69	3.04/2.3	2.02/3.31	3.46/3.6	3.52/6.1
Θ(37.5°)	2.06/2.5	2.29/1.22	1.44/2.72	2.52/84	3.52/2.99	2.94/2.67	1.69/2.03	2.63/2.65	3.24/3.78	4.89/5.05	3.09/3.68	4.33/58	3.51/4.04	4.34/3.75	4.22/4.36	5.22/5.15	4.83/3.39	6.14/5.61	4.07/4.26	4.79/3.77	3.34/3.65	3.11/3.52	3.39/3.58	3.87/2.75
Θ(45°)	3.83/3.28	2.37/2.16	2.14/2.73	2.73/2.59	4.21/3.51	3.92/3.96	2.68/2.54	2.44/2.46	3.37/3.67	4.29/5.3	5.13/4.41	6.39/6.24	5.17/4.73	5.66/5.83	5.35/5.3	6.11/5.47	5.38/4.86	6.16/7.06	5.03/3.54	4.52/3.28	3.62/4.5	4.37/3.55	2.49/4.03	4.67/4.07
Θ(52.5°)	4.24/2.46	2.69/3	2.29/3.85	4.23/4.37	5.16/3.54	4.58/3.94	4.08/4.32	2.54/3.97	5.09/5.27	5.55/5.41	6.28/6.74	6.62/6.15	5.29/5.72	6.27/6.19	5.71/6.52	6.87/5.38	5.71/6.46	5.86/0.8	5.14/4.52	4.81/2.46	3.61/5.32	4.65/3.69	2.23/1.7	3.54/4.3
Θ(60°)	4.36/3.82	3.6/2.92	2.68/2.35	4.78/4.7	4.45/2.96	4.77/4.53	3.51/4.02	3.01/5.18	6.25/6.28	6.33/5.71	5.85/6.42	6.16/5.71	4.66/4.87	4.48/5.4	4.99/6.54	6.79/4.59	5.35/5.33	6.11/5.16	4.43/3.35	3.86/1.6	2.22/4.23	3.95/3.79	2.92/3.95	4.58/4.79
Θ(67.5°)	5.72/3.66	3.67/2.53	3.12/2.3	4.52/4.14	4.76/4.26	4.61/5.82	4.29/4.71	3.68/5.52	5.96/5.47	5.92/5.42	5.68/6.73	5.95/5.47	5.52/5.24	5.36/5.52	4.76/5.55	6.17/4.29	5.36/3.92	5.67/6.1	4.34/2.18	3.29/1.68	1.64/3.28	2.94/2.27	4.05/3.37	5.53/6.68
Θ(75°)	6.54/3.83	2.75/1.96	3.22/2.2	3.57/2.79	4.94/4.1	4.21/6.26	5.59/6.52	4/4.58	5.11/5.17	6.18/5.73	6.21/5.79	6.35/5.44	5.32/4.98	3.19/3.93	4.87/6.08	5.28/4.86	5.43/6.42	5.53/6.38	5.94/2.25	2.92/1.77	2.02/2.34	2.33/2.26	4.93/5.28	5.17/5.05
Θ(82.5°)	5.65/2.88	1.1																						



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(75°)	-4.47/-4.82	0.04/-0.85	-1.74/-2.32	-1.77/0.24	-1.49/-2.11	-1.03/-1.16	-2.86/-1.67	0.01/1.5	-0.01/-0.37	-0.65/-0.8	-1.46/-1.98	-2.68/-4.19	-3.13/-1.4	0.82/-1.03	-2.78/-1.43	-0.71/-1.46	-2.27/-3.7	-4.16/-2.86	-0.29/-1.17	-0.51/-0.1	-0.94/-0.52	0.69/-0.08	0.56/0.85	-0.32/-1.93
Θ(82.5°)	-3.49/-2.43	-0.54/-0.55	-2.75/-3.21	-4.02/-1.21	-0.33/-0.59	-2.05/-0.8	-1.23/-0.6	0.93/-1.44	-0.55/-0.72	-1.69/-0.86	-0.89/-1.63	-3.28/-2.64	-1.76/-0.57	-0.03/-0.83	-3.97/-1.58	-1.43/-1.33	-2.16/-4.43	-4.28/-1.22	0.87/-3.2	-0.46/-0.95	-1.34/-0.99	-0.47/-0.83	1.28/0.73	-2.23/-1.76
Θ(90°)	-2.38/-2.37	-1.32/-2.06	-3.68/-2.76	-5.47/-3.08	-0.69/-1.28	-3.48/-2.21	-0.46/-0.38	-0.57/-1.02	-1.64/-0.71	-2.26/-0.74	-1.46/-1.51	-3.68/-3.22	-2.49/-1.64	-1.71/-2.81	-2.97/-1.99	-2.66/-2.97	-1.46/-6.85	-4.61/-1.56	-0.78/-0.34	-2.59/-3.39	-2.51/-1.87	-2.15/0.08	0.35/-0.7	-5.44/-1.23
Θ(97.5°)	-3.69/-2.4	-1.33/-1.49	-4.26/-3.76	-5.65/-4.67	-1.76/-2.86	-3.16/-1.45	-1.02/-0.77	-2.41/-0.25	-1.88/-1.62	-2.61/-2.01	-2.24/-3.86	-2.75/-4.18	-3.6/-3.41	-5.17/-5.83	-5.11/-4.11	-3.67/-3.85	-3.26/-7.89	-7.42/-3.37	-3.75/-4.18	-4.16/-4.74	-2.92/-4.11	-4.35/-1.63	-1.46/-4.08	-2.98/-1.06
Θ(105°)	-3.54/-4.82	-2.25/-3.47	-4.32/-4.91	-6.94/-4.1	-5.74/-3.48	-4.03/-2.92	-5.31/-2.89	-3.56/-2.63	-3.48/-3.26	-3.38/-4.91	-2.56/-4.3	-2.38/-4.86	-3.62/-4.15	-6.23/-9.47	-5.35/-4.91	-4.78/-5.6	-6.85/-5.49	-3.27/-7.1	-6.37/-5.75	-5.5/-6.01	-4.05/-1.83	-5.17/-3.37	-2.2/-2.01	
Θ(112.5°)	-4.59/-5.98	-3.92/-5.53	-7.19/-5.78	-7.1/-5.86	-6.1/-6.54	-3.9/-2.74	-5.11/-5.03	-3.77/-5.03	-3.73/-4.38	-5.44/-5.19	-6/-4.3	-0.08/-6.76	-4.24/-5.94	-8/-9.33	-6.95/-4.39	-6.01/-5.5	-5.2/-6.21	-6.44/-5.76	-4.15/-4.86	-8.3/-4.93	-4.68/-8.44	-4.99/-2.16	-5.65/-4.8	-4.01/-5.49
Θ(120°)	-7.6/-7.99	-7.96/-7.66	-6.83/-7.43	-7.47/-8.14	-7.47/-7.01	-5.56/-7.21	-7.22/-6.93	-6.17/-5.07	-5.37/-5.03	-7.91/-4.54	-7.47/-6.31	-6.2/-8.75	-7.91/-7.6	-11.15/-10.13	-7.12/-7.85	-7.53/-6.95	-7.89/-4.92	-11.4/-9.13	-7.31/-5.85	-9.11/-8.03	-8.4/-7.05	-5.91/-5.34	-6.2/-7.38	-6.36/-8.45
Θ(127.5°)	-7.97/-9.14	-8.95/-8.03	-6.71/-7.02	-6.85/-8.83	-7.69/-8.09	-7.03/-8.38	-7.89/-8.9	-5.45/-5.03	-7.47/-5.41	-8.01/-5.58	-6.21/-6.38	-9.75/-7.12	-8.03/-9.12	-7.5/-9.96	-7.76/-7.9	-7.04/-9.1	-9.62/-6.79	-9.83/-12.35	-9.27/-8.76	-11.41/-9.65	-6.91/-8.29	-6.77/-6.67	-6.95/-5.38	-9.23/-8.14
Θ(135°)	-6.01/-7.59	-9.55/-7.91	-8.2/-8.96	-9.37/-9.32	-8.61/-8.49	-6.19/-6.46	-5.94/-6.61	-4.94/-6.34	-7.17/-6.4	-6.41/-7.22	-6.71/-4.23	-6.88/-7.71	-5.41/-5.57	-6.07/-7.9	-6.96/-7.05	-11.59/-8.02	-7.47/-9.21	-9.36/-8.86	-9.23/-9.26	-8.66/-7.43	-5.96/-6.08	-5.96/-6.65	-6.47/-6.71	-7.78/-6.1
Θ(142.5°)	-6.59/-6.92	-6.71/-7.18	-7.68/-9.54	-9.3/-7.45	-8.93/-8.91	-7.92/-9.34	-10.15/-9.24	-6.08/-6.24	-6.13/-7.99	-6.16/-5.94	-7.27/-6.88	-7.15/-5.76	-4.8/-4.32	-7.17/-6.48	-6.56/-10.87	-10.9/-8.55	-7.19/-7.35	-7.59/-5.02	-6.35/-6.59	-8.13/-11.93	-8.12/-6.83	-8.26/-6.93	-7.99/-7.79	-5.92/-7.35
Θ(150°)	-9.07/-10.34	-10.5/-9.52	-6.42/-7.09	-8.42/-9.77	-8.86/-9.14	-8.76/-7.82	-6.95/-8.53	-5.26/-5.91	-8.55/-6.6	-6.49/-5.54	-6.77/-6.51	-6.41/-7.83	-8.81/-8.2	-6.58/-5.47	-6.59/-8.45	-10.33/-7.37	-6.61/-6.29	-7.86/-9.84	-9.65/-8.63	-8.1/-8.88	-8.94/-8.5	-7.72/-8.84	-4.01/-5.49	
Θ(157.5°)	-8.65/-7.92	-8.4/-9.94	-9.73/-9.34	-10.14/-10.28	-9.86/-7.05	-5.96/-5.79	-7.17/-7.31	-8.35/-9.26	-8.69/-7.94	-5.9/-6.15	-5.49/-6.79	-7.61/-7.71	-7.21/-5.87	-5.82/-5.03	-4.91/-4.96	-7.1/-8.98	-11.08/-9.19	-7.99/-8.67	-8.6/-6.36	-5.67/-6.63	-8.88/-10.48	-10.2/-9.01	-7.98/-7.44	-6.87/-5.4
Θ(165°)	-7.71/-8.4	-8.39/-8.08	-8.72/-8.27	-8.46/-9.01	-7.89/-8.17	-6.51/-5.95	-5.07/-6.11	-7.44/-6.26	-6.04/-6.61	-6.99/-6.75	-7.38/-8.56	-9.52/-7.89	-6.14/-5.21	-5.31/-5.34	-6.12/-6.8	-7.33/-7.56	-9.39/-9.61	-9.25/-9.01	-7.8/-6.57	-6.32/-6.64	-7.67/-8.73	-10.04/-10.55	-9.96/-8.13	-8.27/-8.03
Θ(172.5°)	-4.73/-5	-5.73/-6.67	-7.54/-8.45	-8.17/-8.71	-8.78/-8.78	-8.42/-7.4	-6.39/-5.78	-4.57/-4.44	-4.03/-4.47	-5.5/-7.54	-7.37/-7.14	-7.43/-7.64	-8.02/-8.13	-8.94/-10.56	-10.76/-9.56	-9.5/-10.37	-11.24/-10.39	-10.22/-8.42	-7.08/-7.81	-8.65/-8.26	-8.71/-8.47	-8.19/-8.54	-7.97/-6.82	-6.71/-6.42
Θ(180°)	-7.27/-7.7	-8.62/-9.44	-8.13/-9	-9.63/-8.85	-8.84/-8.28	-7.51/-6.76	-6.98/-5.68	-5.24/-5.99	-7.19/-6.88	-7.15/-7.3	-7.32/-7.77	-7.42/-7.54	-7.22/-7.02	-8.1/-8.29	-8.04/-6.46	-6.34/-5.8	-5.89/-6.68	-6.63/-5.96	-6.35/-6.82	-7.35/-7.45	-7.1/-7.19	-6.88/-7.17		
Freq(Hz)	6.475GPol.	ThetaL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DG(dB)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	5.885.98	6.436.79	6.97.15	7.337.59	7.768.03	8.117.94	7.817.52	7.316.87	6.535.99	5.535.22	5.145.16	5.145.43	5.845.78	6.26.59	6.887.73	7.397.7	7.918.15	8.04.82	7.997.74	7.346.9	6.495.75	5.285.07	5.15.31	5.455.67
Θ(7.5°)	5.695.83	6.226.69	6.877.22	7.627.91	8.078.15	8.338.01	7.717.32	7.046.73	5.955.46	5.275.28	5.195.54	5.445.5	5.846.08	6.198.22	6.66.8	6.947.22	7.317.34	7.537.39	7.316.93	6.716.34	5.865.38	4.995.13	5.135.1	5.185.64
Θ(15°)	5.465.76	5.975.85	5.926.21	6.577.26	7.247.47	7.457.69	7.587.35	7.326.79	6.525.9	5.665.47	5.665.54	5.395.29	5.615.89	5.835.86	5.965.99	6.336.14	6.216.28	6.116	5.985.81	5.835.42	5.474	4.484.45	4.34.66	5.065.28
Θ(22.5°)	4.374.91	5.265.68	6.096.36	6.156.23	6.256.77	7.037.23	7.16.85	6.926.47	5.165.86	5.766.03	5.255.26	5.075.35	5.766.03	6.155.81	5.555.61	5.594.66	4.363.75	3.173.49	4.034.39	4.354.23	3.943.88	3.655.52	2.923.33	3.814.02
Θ(30°)	3.583.79	4.284.2	4.675.4	5.415.23	5.195.13	5.365.45	5.365.09	5.425.76	5.655.93	5.865.59	5.265.13	4.594.24	4.454.76	5.055.41	5.434.73	4.764.92	4.213.26	2.782.56	2.211.71	1.1/1.83	2.542.57	2.4/2.6	2.23/1.98	2.873.3
Θ(37.5°)	3.533.17	2.643.79	4.534.05	3.283.05	3.664.01	4.654.87	4.414.47	4.314.84	5.585.34	5.454.96	4.644.5	3.873.88	4.054.37	4.414.27	5.145.08	4.355.01	4.643.1	2.731.87	1.91.88	1.391.04	2.162.98	2.973.14	3.322.91	2.212.85
Θ(45°)	3.963.86	2.843.32	2.943.39	3.389.45	3.432.89	3.443.56	4.123.42	3.944.44	5.086.24	6.285.91	5.785.29	3.82.46	1.972.44	3.683.88	4.485.45	5.414.98	4.092.87	1.720.53	1.060.74	0.57/-0.3	0.581.98	3.264.3	4.244.71	3.473.25
Θ(52.5°)	3.183.92	4.013.3	2.643.43	3.333.29	3.492.79	3.463.43	3.924.33	3.994.02	4.85.84	6.786.42	4.64.34	3.812.51	1.882.33	3.514.32	4.995.07	4.743.82	3.122.68	1.840.53	0.730.68	1.34/1.22	2.42.74	3.455.38	5.245.6	4.853.69
Θ(60°)	3.032.27	3.552.83	2.353.86	3.762.78	2.882.68	4/0.82	3.523.52	3.314.36	5.036.01	5.445.79	4.14.03	3.182.82	2.371.01	2.4/3.36	4.863.96	2.962.11	2.151.7	2.091.54	0.861.06	1.06/1.81	3.173.39	3.74.77	4.745.32	4.944.17
Θ(67.5°)	2.522.15	2.532.25	2.553.41	3.470.97	1.852.39	2.833.25	1.90.45	1.292.72	4.075.19	5.154.91	3.433.29	1.741.56	0.24/-0.33	1.712.61	4.243.34	2.892.74	2.471.86	1.61.45	1.210.99	0.872.62	3/2.97	4.35.24	5.155.22	4.733.64
Θ(75°)	1.912.25	2.442.37	2.211.95	2.930.29	2.482.66	2.792.04	0.970.65	0.832.32	2.913.64	4.44.09	3.523.32	0.830.04	-1.29/-0.47	0.520.17	2.943.36	3.161.64	2.332.47	2.3/1.69	1.581.73	2.732.94	2.872.93	3.644.99	5.4/5.21	3.462.59
Θ(82.5°)	1.352.41	2.622.53	1.761.69	2.230.89	2.7/2.23	2.640.99	0.480.99	1.131.21	2.52.18	3.813.12	2.592.73	-0.09/-1.32	-2.430.23	-0.22/-0.37	1.93.25	3.291.01	1.542.28	1.831.94	1.842.03	3.472.87	1.992.46	3.294.48	4.823.91	1.7/2.2
Θ(90°)	0.711.61	1.832.26	1.241.7	1.150.9	1.481.19	0.830.71	0.221.32	1.230.25	1.260.92	2.742.06	1.91.85	0.07/-1.52	-3.58/-1.05	-0.94/-1.43	0.712.31	2.720.55	0.40.55	0.36/-0.15	0.58/-0.07	1.111.11	0.781.43	1.762.91	3.03/1.67	0.030.46
Θ(97.5°)	0.121.15	1.070.84	-0.390.03	-0.330.04	0.16/-0.59	-0.640.11	-0.221.15	0.29/-0.16	-0.240.55	1.240.71	-0.610.63	-1.45/-3.07	-4.44/-1.89	-1.86/-2.29	-0.38/-0.19	0.32/-1.38	-2.58/-0.46	-3.08/-2.52	-2.4/-2.7	-3.05/-1.84	-0.08/-0.79	-0.390.57	1.15/-0.96	-1.230.49
Θ(105°)	-1.16/-0.42	-0.72/-0.58	-2.34/-2.14	-2.25/-0.83	-1.78/-0.91	-0.88/-0.5	-1.11/-0.8	-1.83/-1.88	-1.77/-0.67	-0.16/-1.19	-1.64/-1.6	-2.34/-2.27	-4.94/-1.95	-1.24/-3.8	-3.22/-2.56	-1.35/-1.67	-3.2/-2.08	-2.37/-1.29	-3.21/-2.41	-2.73/-2.67	-2.31/-2.07	-1.92/-0.42	-0.71/-1.35	-2.53/-1.41
Θ(112.5°)	-1.59/-1.58	-2.94/-2.97	-3.79/-1.44	-2.75/-2.66	-2.61/-1.54	-0.89/-0.19	-1.57/-1.5	-1.57/-3.23	-2.82/-0.94	-0.24/-1.41	-2.06/-1.75	-3.55/-3.84	-3.88/-3.92	-5.12/-6.67	-6.4/-3.65	-1.15/-3.32	-5.16/-2.28	-3.3/-2.62	-5.01/-2.91	-6.58/-4.47	-3.39/-4.87	-3.54/-0.6	-1.65/-2.37	-2.56/-2.59
Θ(120°)	-2.43/-3.81	-5.36/-4.6	-5.78/-3.31	-3.69/-2.38	-3.52/-2.64	-2.44/-1.68	-1.99/-2.4	-3.43/-1.16	-2.94/-2.54	-2.41/-2.35	-1.35/-3.76	-4.98/-3.99	-6.16/-6.31	-7.14/-8.01	-6.35/-4.5	-5.97/-5.16	-5.9/-8.5	-5.66/-2.98	-7.02/-6.18	-4.64/-4.14	-5.89/-2.79	-3.93/-3.17	-3.93/-3.51	
Θ(127.5°)	-5.35/-4.1	-6.69/-4.8	-5.74/-4.51	-4.62/-5.13	-6.48/-4.02	-3.15/-2.45	-3.88/-3.92	-3.7/-3.87	-3.88/-2.23	-3.6/-3.32	-2.95/-4.31	-4.58/-5.72	-7.58/-6.64	-6.11/-7.07	-4.83/-4.97	-3.51/-4.02	-3.14/-6.1	-7.35/-4.51	-3.22/-5.31	-6.05/-4.3	-6.14/-3.49	-2.99/-3.46	-4.91/-8.1	-4.71/-5.48
Θ(135°)	-4.53/-6.12	-4.18/-3.57	-4.8/-4.12	-5.93/-5.45	-4.42/-3.96	-4.01/-4.11	-4.21/-4.56	-5.48/-4.71	-5.44/-7.77	-3.64/-3.5	-4.08/-5.05	-4.95/-5.3	-4.99/-4.88	-5.03/-7.33	-8.14/-6.88	-4.36/-4.61	-3.56/-4.14	-7.03/-5.97	-4.24/-4.29	-6.9/-6.51	-4.97/-4.78	-3.47/-2.89	-4.53/-5.28	-4.44/-5.2
Θ(142.5°)	-5.28/-4.49	-3.94/-4.94	-5.63/-5.23	-5.84/-5.58	-4.35/-4.12	-4.01/-4.46	-4.56/-5.43	-6.79/-6.1	-5.12/-5.66	-4.65/-5.06	-5.08/-													



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(127.5°)	-8.98/-6.15	-8.08/-9.59	-8.98/-7.87	-7.13/-6.12	-6.66/-5.54	-6.62/-7.06	-8.74/-8.57	-8.46/-7.05	-8.15/-9.17	-6.56/-7.79	-8.64/-5.94	-9.15/-10.71	-6.64/-9.05	-11.61/-11.51	-9/-8.5	-8.02/-6.59	-8.9/-8.77	-8.87/-10.12	-9.9/-9.33	-9.04/-10.58	-10.02/-7.66	-5.85/-7.95	-5.42/-8.45	-7.82/-7.17
Θ(135°)	-8.09/-9.54	-9.29/-10.28	-8.44/-7.72	-9.75/-10.08	-9.5/-8.44	-7.15/-9.32	-7.19/-6.73	-9.18/-7	-6.79/-9.94	-7.91/-7.37	-9.93/-7.74	-4.83/-10.14	-10.94/-7.59	-9.97/-9.39	-10.19/-8.82	-9.36/-6.9	-5.31/-9.27	-10.2/-9.01	-9.14/-7.07	-9.85/-9.99	-8.1/-7.14	-7.48/-5.49	-5.16/-8.31	-7.62/-8.66
Θ(142.5°)	-6.27/-7.87	-7.14/-8.76	-7.91/-10.3	-10.73/-9.12	-8.97/-7.97	-7.53/-6.92	-6.24/-6.56	-8.2/-6.84	-6.3/-7.86	-7.34/-7.51	-7.5/-7.25	-8.95/-9.02	-9.74/-5.94	-7.02/-10.21	-8.41/-10.09	-10.5/-8.25	-5.51/-9.28	-10.03/-6.76	-7.34/-9.58	-11.59/-10.32	-7.51/-6.57	-9.3/-7.07	-8.84/-8.6	-8.74/-5.22
Θ(150°)	-6.75/-7.75	-8.85/-9.22	-8.76/-9.55	-9.02/-10.49	-8.14/-9.59	-10.57/-11.07	-8.93/-8.17	-8.22/-9.53	-6.89/-6.31	-8.75/-9.37	-9.11/-7.76	-7.34/-7.5	-9.96/-8.72	-8.34/-10.94	-10.45/-10.96	-10.3/-10.73	-8.56/-10.03	-11.21/-7.7	-7.42/-6.71	-8.09/-10.84	-9.58/-9.92	-10.03/-9.19	-8.87/-7.76	-8.8/-8.12
Θ(157.5°)	-10.54/-9.51	-9.32/-9.51	-8.72/-10.21	-10.53/-8.93	-7.84/-9.01	-9.88/-8.88	-9/-7.7	-8.06/-9.65	-10.72/-8.88	-7.45/-4.63	-5.53/-7.04	-6.35/-6.06	-7.87/-7.53	-6.62/-6.42	-5.33/-5.74	-7.55/-9.56	-11.79/-11.9	-8.76/-8.45	-7.73/-7.91	-8.35/-9.72	-9.17/-10.43	-9.17/-7.4	-8.61/-7.2	-6.98/-9.45
Θ(165°)	-8.85/-9.3	-8.42/-9.13	-8.79/-8.52	-8.91/-8.89	-10.68/-9.7	-9.58/-9.46	-8.73/-7.73	-9.21/-10.01	-9.32/-7.86	-7.77/-8.89	-10.11/-11.5	-10.69/-11.25	-10.54/-7.97	-6.71/-6.94	-7.13/-8.11	-9.99/-11.75	-11.16/-11.97	-10.26/-7.99	-6.45/-4.97	-4.97/-5	-5.86/-8.29	-9.68/-10.03	-8.89/-6.75	-6.9/-8.8
Θ(172.5°)	-6.4/-7.12	-7.37/-7.87	-7.95/-8.74	-9.62/-9	-9.3/-9.23	-8.77/-8.82	-7.62/-6.51	-6.43/-5.48	-6.06/-7.3	-9.28/-10.56	-12.24/-10.7	-8.84/-8.66	-6.82/-7.42	-8.92/-10.76	-11.13/-10.02	-10.68/-11.56	-10.43/-8.06	-6.67/-6.3	-6.87/-6.76	-6.67/-6.85	-7.8/-8.74	-8.74/-7.38	-5.9/-6.02	-5.34/-5.14
Θ(180°)	-6.52/-7.38	-8.88/-9.53	-9.2/-9.88	-10.18/-11.39	-11.59/-10.75	-9.54/-7.98	-6.07/-5.78	-4.91/-5.21	-6.23/-6.4	-7.13/-8.26	-7.68/-6.73	-7.12/-7.16	-8.18/-9.11	-10.02/-9.76	-10.79/-10.58	-10.29/-8.92	-7.19/-6.46	-6.71/-6.14	-6.23/-5.57	-6.04/-5.91	-5.1/-5.46	-5.93/-5.17	-5.02/-5.4	-5.78/-6.37
Freq(Hz)	6.995GPol.	Theta-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	6.46/6.77	6.87/6.98	7.47/4	7.54/7.86	7.91/7.92	8.03/7.85	7.61/7.71	7.52/7.24	6.9/6.79	6.44/6.19	6.08/5.79	5.97/6.29	6.26/6.54	6.71/6.82	7.09/7.39	7.71/7.72	8.07/8.03	8.07/8.31	8.11/8.02	7.83/7.74	7.19/6.73	6.41/6.4	6.17/5.96	6.14/6.3
Θ(7.5°)	7.02/7.27	7.42/7.4	7.89/8.19	8.28/8.43	8.51/8.54	8.59/8.59	8.22/8.14	7.91/7.52	7.21/6.66	6.18/6.04	5.97/5.67	5.96.03	6.23/6.37	6.5/6.48	6.76/6.95	6.96/7.17	7.46/7.74	7.61/7.72	7.65/7.28	7.05/6.97	6.75/6.51	6.49/6.39	6.23/6.15	6.4/6.76
Θ(15°)	6.2/6.32	6.61/7.31	7.76/8.08	8.18/8.18	8.11/8.06	8.06/8.08	7.91/7.76	7.81/7.79	7.24/6.9	6.55/6.63	6.59/6.12	5.78/5.27	5.48/5.66	6/6.26	6.51/6.41	6.41/6.32	6.29/6.46	6.27/6.04	5.85/5.6	5.62/5.62	5.56/5.47	5.41/5.76	5.95/6.34	6.29/6.2
Θ(22.5°)	6.19/6.37	6.1/6.32	6.64/6.7	7.01/7.1	7.25/7.28	7.37/7.47	7.03/6.95	7.14/7.35	7.09/7.03	6.98/6.65	6.26/5.67	5.47/5.05	4.95/4.98	5.24/5.25	5/4.96	4.99/4.82	4.8/4.62	4.71/4.63	4.63/4.17	4.48/4.9	4.72/4.54	4.35/4.29	4.77/5.17	4.88/5.59
Θ(30°)	4.44.28	3.73/4.42	5.13/4.23	3.44/4.09	4.48/5.26	5.47/5.84	6.09/5.94	6.03/6.64	6.77/6.32	5.84/5.23	5.16/4.86	4.15/3.36	3/3.26	3.88/4.02	3.09/2.8	3.09/2.83	2.8/3.27	2.71/1.09	1.51/1.93	2.08/3.35	3.28/3.36	3.64/2.94	2.7/3.45	3.91/4.08
Θ(37.5°)	1.95/2.14	2.42/2.58	2.83/2.16	2.48/2.81	2.96/3.21	2.88/3.69	4.13/3.41	3.09/4.94	5.26/4.82	4.49/4.33	3.84/3.46	1.92/-0.21	0.12/1.72	2.91/3.47	2.31/1.87	1.8/1.31	1.28/1.72	0.45/-0.46	0.43/0.77	0.37/1.71	2.24/2.14	2.93/5.8	2.81/1.66	1.92/1.94
Θ(45°)	0.7/0.03	0.07/0.36	0.74/0.14	-0.74/-0.89	-0.59/0.41	0.91/2.17	2.13/1.58	1.8/3.67	4.27/4.4	3.09/2.7	1.67/1.43	1.33/-0.24	-1.98/-2.4	-1.13/0.19	0.22/0.2	-0.23/0.15	-0.07/1.21	0.68/0.03	1.44/0.97	-0.03/-0.57	0.48/1.79	2.71/2.47	2.17/1.74	2.3/1.05
Θ(52.5°)	0.41/0.16	-0.37/-0.99	-2.45/-0.34	0.71/-0.53	-1.31/-0.85	-0.15/2.5	2.95/2.09	0.12/1.76	3.54/3.64	1.68/1.18	1.22/1.67	0.61/-1	-1.43/-3.17	-2.37/-0.19	0.50/5	-1.45/-2.06	-2.08/-0.73	1.43/1.01	1.55/1.7	0.51/0.51	0.84/2.1	1.9/2.29	2.81/3.11	2.66/1.14
Θ(60°)	1.31/1.11	0.72/0.65	-0.23/-2.26	-0.92/-0.02	-0.33/0.7	0.43/2.15	2.03/1.56	2.06/0.51	2.16/2.44	1.30/2.3	0.17/0.67	-0.65/-0.74	-0.15/-1.12	-1.5/-0.3	-0.08/0.49	-0.64/-2.94	-1.34/-0.59	1.11/1.67	1.65/2.18	1.61/1.41	1.9/2.07	0.93/2.59	2.54/1.29	1.31/1.01
Θ(67.5°)	1.76/2.13	0.87/1	1.32/-0.39	0.04/1.69	0.53/-0.36	0.75/1.78	3.11/1.67	1.17/0.38	0.77/1.6	0.02/-0.31	-0.53/0.67	-0.48/-0.28	0.65/-0.72	0.30/1.9	0.61/1.6	0.38/-1.94	-1.72/-0.62	1.15/1.35	2.46/1.51	1.44/0.43	1.29/1.08	1.36/2.15	1.82/2.66	2.61/2.36
Θ(75°)	1.17/2.56	2.27/2.52	1.84/1.08	0.66/1.04	0.13/0.8	2.51/1.9	1.51/3.06	2.97/2.47	0.76/2.27	0.56/0	-0.71/0.42	1.72/-0.02	0.59/0.19	1.72/2.13	0.56/2.88	1.54/0.76	0.01/1.4	2.14/2.19	3.17/3.26	1.97/1.79	1.54/0.23	0.7/2.08	2.24/3.07	2.88/1.89
Θ(82.5°)	0.27/2.72	2.85/3.25	2.37/1.12	0.46/1.55	0.08/2.16	2.98/0.3	0.04/0.92	3.53/3.23	1.41/1.77	0.49/-1.01	0.49/0.98	1.54/0.39	0.48/1.83	2.13/2.19	1.74/2.84	1.66/0.9	1.34/2.32	2.61/2.37	3.6/4.15	2.51/2.15	0.89/-0.31	0.83/2.39	2.66/2.5	1.57/0.72
Θ(90°)	-0.25/2.16	2.5/3.02	2.26/0.55	0.06/0.78	0.86/2.16	1.12/0.02	0.03/0.97	2.27/3.72	1.54/-0.22	0.72/-1.4	-0.81/0.12	0.91/-0.83	-0.37/0.75	1.61/0.99	0.91/1.25	0.47/-0.31	0.34/1.07	0.76/1.46	2.61/2.9	1.3/1.48	-0.63/-1.36	0.46/1.52	1.72/1.02	0.31/0.03
Θ(97.5°)	0.15/0.45	1.26/1.64	1.53/-0.56	-1.01/0.88	-0.11/1.14	-1.09/0.19	0.42/0.58	0.86/2.54	-0.74/-2.36	-0.75/-1.74	-1.37/-0.28	-1.09/-1.37	-1.89/-1.09	-0.19/-0.53	-0.64/-1.03	-1.15/-1.54	-1.85/-2.8	-1.29/-0.87	-0.11/-1.44	-1.56/-0.72	-1.99/-2.94	-1.87/-0.61	0.13/-0.83	-0.67/-1.04
Θ(105°)	-1.13/-0.2	0.50/1	-0.14/-0.15	-0.99/0.29	-0.85/-1.79	-1.99/-0.54	-0.91/-0.24	-1.19/-0.14	-1.48/-1.26	-1.71/-1.84	-2.34/-1.07	-2.21/-2.5	-2.29/-2.44	-0.83/-2.73	-2.72/-0.88	-1.37/-1.17	-2.63/-1.78	-2.41/-2.42	-0.37/-2.17	-5.12/-2.11	-1.52/-4.13	-4.26/-1.34	-1.51/-0.73	-1.97/-1.01
Θ(112.5°)	-2.87/-1.9	-2.15/-1.97	-2.36/-3.3	-2.26/-0.86	-1.39/-1.45	-2.16/-1.46	-1.54/-1.79	-3.11/-0.84	-2.02/-2.94	-3.09/-3.5	-3.32/-2.5	-3.41/-3.88	-2.3/-3.44	-3.6/-6.76	-4.61/-3.15	-3.94/-2.59	-5.76/-2.55	-3.41/-2.78	-2.76/-2.05	-3.41/-2.61	-3.74/-6.51	-4.09/-1.94	-2.45/-2.21	-4.25/-1.86
Θ(120°)	-3.92/-4.09	-3.33/-5.49	-2.2/-4.47	-3.63/-2.03	-1.77/-2.45	-4.13/-1.81	-2.92/-3.72	-4.58/-4.79	-4.34/-3.83	-4.16/-5.21	-3.9/-4.52	-4.48/-4.34	-3.62/-5.12	-5.92/-6.47	-4.97/-2.07	-4.25/-5.09	-5.65/-5.23	-6.81/-6.04	-5.2/-4.21	-6.91/-5.22	-4.59/-5.83	-6.07/-4.43	-3.55/-6.1	-4.29/-4.12
Θ(127.5°)	-3.58/-5.15	-3.64/-4.32	-2.68/-4.13	-5.23/-4.03	-4.34/-3.61	-2.86/-2.58	-3.99/-5.07	-5.63/-4.06	-3.42/-3.95	-4.26/-4.75	-4.07/-5.71	-7.89/-5.29	-5.8/-5.85	-5.55/-5.4	-4.88/-4.3	-4.06/-6.95	-7.42/-3.66	-5.57/-5.89	-5.09/-3.02	-6.96/-5.08	-5.03/-6.91	-5.01/-4.28	-5.93/-6.01	-5.12/-5.06
Θ(135°)	-6.01/-6.01	-5.6/-5.62	-5.65/-5.31	-6.1/-4.83	-3.84/-4.06	-4.61/-2.61	-3.3/-4.12	-4.92/-5.87	-4.96/-4.31	-7.14/-4.99	-7.03/-6.39	-6.16/-7.78	-7.72/-5.9	-4.98/-5.53	-7.38/-6.16	-2.81/-3	-4.94/-5.36	-6.04/-3.98	-4.17/-6.86	-6.88/-3.51	-5.62/-5.24	-1.61/-3.19	-3.91/-7.12	-6.26/-6.22
Θ(142.5°)	-5.69/-5.13	-5.28/-4.32	-4.55/-6.79	-5.72/-6.53	-6/-6.43	-5.47/-5.03	-4.89/-5.66	-6.04/-6.39	-5.71/-5.92	-5.73/-5.69	-6.7/-5.92	-6.42/-9	-7.57/-7.88	-9.45/-8.44	-7.86/-5.53	-4.84/-5.56	-5.69/-6.72	-7.27/-7.76	-8.51/-11.01	-8.78/-7.84	-7.5/-6.62	-3.39/-4.36	-6.07/-4.51	-3.77/-5.15
Θ(150°)	-4.96/-5.38	-4.8/-5.78	-7.99/-5.68	-4.89/-5.66	-6.13/-5.93	-4.29/-4.41	-5.91/-6.96	-6.58/-5.94	-6.26/-6.22	-5.8/-5.23	-5.34/-5.86	-6.62/-6.03	-6.08/-7.03	-6.35/-4.79	-5.08/-6.5	-8.07/-9.31	-8.42/-7.59	-7.49/-8.12	-8.76/-9.32	-7.57/-8.91	-11.01/-6.39	-9.15/-9.38	-7.48/-6.14	-5.03/-4.85
Θ(157.5°)	-9.37/-7.12	-5.7/-6.21	-6.82/-7.07	-5.88/-5.91	-6.55/-6.44	-6.73/-7.01	-7.41/-8.21	-8.06/-7.8	-8.1/-7.78	-7.73/-7.91	-8.64/-8.37	-7.52/-7.23	-8.34/-7.45	-7.55/-8.72	-10.4/-9.42	-9.65/-10.14	-8.23/-8.63	-8.16/-8.69	-8.79/-9.51	-9.56/-8.22	-8.94/-9.78	-8.36/-6.76	-8.34/-8.16	-7.65/-9.32
Θ(165°)	-7.63/-7.69	-7.88/-7.97	-7.77/-7.85	-6.85/-5.38	-5.15/-4.89	-5.67/-6.28	-8.06/-6.78	-6.54/-7.98	-9.06/-8.82	-9.91/-9.99	-9.31/-10.72	-8.99/-8.66	-9.48/-9.85	-9.18/-10.03	-8.96/-8.27	-7.85/-7.48	-7.97/-7.51	-8/-9.04	-8.82/-8.99	-9.28/-8.22	-6.15/-5.61	-5.97/-6.31	-6.82/-6.94	-6.27/-6.19
Θ(172.5°)	-7.1/-7.16	-6.67/-6.16	-5.29/-5.1	-5.32/-5.23	-5.73/-6.19	-6.82/-7.47	-7.93/-7.99	-7.63/-7.74	-7.51/-8.29	-7.86/-7.94	-8.45/-9.55	-9.43/-11.17	-9.78/-9.14	-7.72/-7.03	-6.66/-7.23	-6.9/-6.64	-6.19/-5.6	-5.28/-4.87	-4.58/-5.61	-6.21/-7.17	-7.17/-6.51	-6.78/-6.72	-7.36/-7.42	-7.71/-8.32
Θ(180°)	-6.45/-5.54	-5.51/-5.27	-4.87/-4.78	-4.87/-4.5	-4.76/-5.43	-5.16/-5.76	-7.63/-7.14	-7.47/-7.96	-7.45/-7.97	-8.93/-8.78	-8.66/-9.3	-8.84/-7.19	-6.05/-6.7	-6.41/-6.46	-6.28/-5.43	-5.09/-5.27	-4.62/-4.38	-4.45/-5.11	-6.38/-7.28	-8.12/-8.65	-9.34/-9.14	-10.12/-9.73	-8.89/-8.24	-7.03/-5.93



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Gain Result

Freq(Hz)	2.45GPol.	PhiAnt.1	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)				
Θ(0°)	-6.05/-7.4	-6.51/-4.75	-5.11/-4.75	-4.92/-5.48	-6.19/-7.06	-7.86/-7.06	-7.73/-7.86	-8.88/-10.14	-11.66/-11.88	-12.60/-11.88	-11.13/-11.41	-11.09/-10.36	-9.52/-8.59	-7.66/-6.85	-6.09/-5.57	-5.15/-4.96	-5.28/-6.24	-7.8/-9.91	-12.43/-14.42	-11.04/-10.88	-12.17/-14.8	-17.52/-17.58						
Θ(7.5°)	-8.96/-8.38	-7.62/-6.93	-6.45/-6.3	-6.77/-7.62	-8.24/-8.72	-9.26/-9.39	-8.62/-7.7	-7.43/-7.9	-9.33/-10.49	-9.77/-9.54	-7.83/-7.88	-8.42/-8.89	-8.78/-8.17	-7.5/-6.91	-6.53/-6.35	-6.39/-6.78	-7.33/-7.91	-8.13/-8.32	-8.87/-10.53	-11.99/-12.26	-12.22/-13.3	-15.07/-14.88	-12.62/-10.69	-9.8/-9.33				
Θ(15°)	-12.33/-11.33	-10.24/-9.12	-8.44/-8.55	-9.7/-11.65	-12.68/-12.15	-12.05/-11.88	-10.4/-8.75	-7.87/-8.02	-9.32/-10.79	-10.65/-9.47	-8.57/-8.73	-9.52/-10.03	-9.96/-9.3	-8.49/-7.67	-6.8/-6.15	-5.84/-5.88	-6.19/-6.58	-7.28/-7.78	-8.44/-9.69	-11.5/-13.08	-13.26/-12.73	-13.47/-15.83	-18.99/-18.63	-15.42/-13.48				
Θ(22.5°)	-16.26/-14.33	-11.98/-10.22	-9.46/-10.11	-12.81/-18.39	-19.52/-15.86	-14.58/-13.2	-12.22/-12.16	-12.71/-13.56	-13.37/-11.85	-10.58/-10.52	-11.13/-11.41	-11.09/-10.36	-9.52/-8.59	-7.66/-6.85	-6.09/-5.57	-5.15/-4.96	-5.28/-6.24	-7.8/-9.91	-12.43/-14.42	-11.04/-10.88	-12.17/-14.8	-17.52/-17.58						
Θ(30°)	-17.32/-17.9	-13.43/-11.02	-10.32/-11.1	-13.61/-18.29	-18.06/-18.74	-18.74/-18.26	-18.43/-18.84	-19.05/-17.25	-15.7/-14.46	-13.84/-13.25	-12.55/-12.3	-12.32/-12.26	-11.86/-10.69	-9.36/-8.61	-8.27/-8.05	-7.54/-6.52	-5.44/-4.91	-5.16/-4.49	-9.03/-13.5	-18.18/-17.98	-17.5/-18.27	-14.06/-10.74	-9.38/-9.94	-12.45/-16.75				
Θ(37.5°)	-17.99/-18.53	-13.89/-13.17	-14.22/-14.25	-14.23/-17.28	-17.68/-18.42	-18.01/-18.56	-18.1/-15.63	-13.62/-12.72	-12.39/-11.99	-11.02/-10.67	-11.39/-12.77	-13.18/-13.46	-14.4/-11.93	-8.98/-7.92	-8.31/-9.71	-10.54/-9.04	-7.15/-6.29	-6.22/-6.66	-7.6/-9.02	-11.06/-13.78	-17.64/-18.18	-16.23/-10.35	-7.62/-7.44	-9.75/-14.63				
Θ(45°)	-15.61/-11.01	-9.45/-11.66	-17.76/-18.91	-15.03/-18.12	-18.52/-15.23	-15.24/-18.06	-19.01/-17.53	-13.19/-10.81	-9.97/-9.76	-9.5/-9.5	-10.12/-11.5	-13.32/-15.26	-18.49/-18.71	-12.66/-9.99	-10.16/-12.2	-13.03/-10.43	-8.5/-8.05	-7.96/-7.55	-7.11/-7.67	-9.85/-13.25	-15.88/-18.76	-17.97/-10.78	-7.74/-7.19	-9.27/-13.93				
Θ(52.5°)	-17.93/-9.18	-7.55/-8.62	-8.97/-8.2	-9.3/-15.16	-18.32/-14.13	-12.87/-14.04	-16.72/-18.16	-14.88/-11.84	-10.3/-9.49	-9.19/-9.55	-10.17/-10.92	-13.05/-17.08	-16.63/-16.44	-17.37/-14.49	-13.38/-12.86	-11.43/-10.71	-11.32/-13.19	-13.95/-12.23	-10.57/-10.9	-13.43/-13.22	-10.75/-12.31	-18.72/-17.94	-12.86/-11.81	-13.8/-18.82				
Θ(60°)	-8.75/-5.65	-5.67/-8.09	-6.81/-6.41	-5.03/-8.5	-13.85/-15.57	-17.3/-18.84	-18.48/-17.7	-17.55/-14.71	-12.79/-10.57	-8.89/-8.77	-10.35/-11.7	-11.42/-12.79	-11.77/-17.7	-17.85/-17.76	-13.72/-10.8	-11.74/-15.38	-15.39/-15.23	-13.43/-10.77	-9.64/-10.22	-12.65/-12.26	-9.34/-8.98	-11.74/-13.92	-14.91/-18.99	-19.32/-12.44				
Θ(67.5°)	-6.84/-2.65	-2.26/-4.91	-6.13/-4.66	-5.05/-6.99	-8.14/-9.43	-12.9/-17.38	-18.39/-16.72	-14.93/-14.53	-12.12/-8.76	-6.9/-7.36	-10.41/-10.7	-10.79/-11.28	-16.65/-18.05	-12.79/-10.51	-14.22/-17.44	-13.68/-17.25	-14.38/-16.14	-12.4/-11.27	-14.45/-15.79	-10.67/-10.57	-14.38/-15.48	-12.88/-12.53	-15.92/-15.11					
Θ(75°)	-11.35/-4.49	-2.28/-2.99	-3.38/-3.28	-4.95/-7.71	-7.6/-7.57	-9.79/-12.95	-13.94/-12.84	-12.74/-13.2	-11/-7.5	-5.68/-6.53	-11/-12.44	-8.64/-9	-11.67/-11.93	-12.21/-16.37	-13.63/-9.99	-13.9/-18.93	-18.24/-17.85	-13.18/-13.98	-16.84/-11.93	-13.22/-17.48	-9.93/-8.41	-11.03/-17.64	-18.39/-8.86	-6.47/-9.47				
Θ(82.5°)	-8.1/-5.39	-3.9/-4.12	-3.26/-2.64	-6.88/-7.56	-10.72/-15.95	-18.03/-16.89	-15.66/-14.69	-12.99/-9.3	-7.96/-9.18	-12.13/-9.87	-6.57/-8.5	-13.88/-10.5	-8.84/-12.05	-13.76/-12.63	-18.93/-17.9	-17.71/-18.19	-11.78/-12.32	-17.08/-11.4	-11.35/-18.29	-18.19/-14.23	-11.21/-11.4	-18.99/-11.04	-5.92/-6.43					
Θ(90°)	-7.38/-5.12	-4.26/-4.27	-2.89/-2.57	-4.47/-7.32	-7.79/-7.87	-10.29/-14.86	-17.32/-16.1	-15.13/-16.41	-11.14/-10.26	-8.76/-7.92	-8.91/-7.83	-11.77/-6.7	-10.91/-10.7	-8.04/-7.27	-6.33/-5.31	-7.18/-17.7	-15.37/-15.71	-18.86/-14.51	-13.49/-16.78	-17.58/-12.67	-13.35/-15.1	-8.98/-10.37	-11.4/-7.91	-5.07/-5.79				
Θ(97.5°)	-6.17/-4.35	-5.28/-6.71	-3.41/-1.83	-3.05/-6.18	-9.7/-11.41	-13.2/-15.84	-15.88/-14.82	-15.23/-16.99	-15.41/-11.58	-8.55/-7.1	-7.47/-8.21	-8.19/-9.26	-9.8/-8.01	-7.68/-10.72	-12.79/-11.18	-11.71/-17.48	-17.26/-18.26	-18.49/-17.51	-15.72/-13.83	-18.08/-13.12	-9.41/-11.35	-12.93/-13.37	-15.94/-7.89	-5.24/-6.2				
Θ(105°)	-6.99/-4.3	-4.22/-5.68	-5.18/-3.12	-3.72/-5.75	-8.3/-10.84	-13.86/-18.91	-18.76/-13.81	-11.26/-9.73	-8.28/-9.7	-7.53/-8.89	-8.21/-6.4	-9.58/-8.74	-7.7/-9.35	-13.02/-8.9	-8.42/-16.44	-15.1/-14.59	-19.58/-18.29	-17.86/-18.96	-15.85/-13.48	-9.88/-10.37	-14.97/-7.37	-14.97/-7.37	-4.69/-6.35					
Θ(112.5°)	-5.81/-3.95	-4.32/-7.25	-6.16/-46	-3.75/-5.78	-8.35/-11.4	-15.57/-18.62	-17.91/-17.95	-13.75/-11.64	-11.14/-10.26	-8.76/-7.92	-8.91/-7.83	-11.77/-6.7	-10.91/-10.7	-8.04/-7.27	-6.33/-5.31	-7.18/-17.7	-15.37/-15.71	-18.86/-14.51	-13.49/-16.78	-17.58/-12.67	-13.35/-15.1	-8.98/-10.37	-11.4/-7.91	-5.07/-5.79				
Θ(120°)	-7.05/-4.39	-3.53/-4.95	-6.04/-5.56	-6.41/-8.62	-9.81/-10.08	-11.44/-14.3	-17.16/-18.04	-16.47/-15.23	-13.51/-11.13	-9.36/-8.71	-9.37/-8.88	-8.72/-13.59	-14.21/-5.86	-3.2/-3.71	-6.48/-10.22	-17.9/-10.42	-5.89/-6.13	-8.97/-11.06	-11.28/-13.33	-15.47/-11.65	-10.32/-14.43	-14.01/-9.28	-8.2/-6.53	-5.41/-6.63				
Θ(127.5°)	-4.93/-6.52	-7.16/-7.47	-5.17/-3.72	-4.78/-2.7	-14.79/-18.51	-18.97/-18.8	-18.56/-18.61	-18.73/-18.05	-15.83/-13.66	-12.5/-12.08	-11.71/-11.19	-12.33/-10.63	-6.55/-4.59	-5.08/-7.1	-8.1/-7.7	-6.64/-5.21	-4.74/-5.77	-8.09/-11.13	-14.05/-17.97	-16.34/-11.22	-9.15/-10.28	-13.47/-13.57	-12.24/-8.97	-5.85/-4.53				
Θ(135°)	-2.18/-1.95	-4.01/-9.56	-13.4/-7.34	-5.71/-6.6	-8.97/-11.45	-13.57/-14.5	-18.95/-15.02	-14.28/-12.63	-10.41/-8.91	-8.61/-9.25	-10.96/-12.86	-12.81/-10.91	-8.58/-5.96	-3.95/-3.32	-4.05/-5.29	-6.34/-7.09	-7.05/-6.32	-6.48/-8.51	-13.11/-18.31	-19.53/-15.56	-15.49/-13.56	-12.05/-18.97	-10.76/-4.54					
Θ(142.5°)	-2.61/-4.66	-2.09/-4.79	-10.16/-14.98	-13.08/-12.71	-13.91/-15.02	-16.31/-19.28	-14.04/-19.12	-17.94/-18.38	-16.23/-15.73	-17.01/-18.78	-15.39/-12.67	-6.35/-4.94	-3.8/-2.74	-2.64/-3.85	-6.33/-8.27	-7.93/-7.22	-6.03/-4.77	-4.76/-6.86	-12.66/-18.19	-12.19/-10.81	-14.74/-17.55	-15.06/-11.17	-11.35/-16.23	-13.19/-6.13				
Θ(150°)	-4.82/-6.34	-3.72/-5.03	-7.56/-10.38	-12.15/-13.9	-16.49/-17.86	-19.29/-17.3	-13.52/-11.17	-10.31/-10.42	-10.33/-9.66	-8.44/-6.7	-5.16/-4.28	-4.16/-4.3	-4.46/-5.19	-7.18/-9.09	-8.2/-6.51	-5.94/-6.15	-5.99/-5.31	-5.39/-7.4	-13.53/-18.04	-10.69/-8.31	-9.21/-12.43	-18.23/-18.74	-17.67/-16.32	-12.67/-7.8				
Θ(157.5°)	-7.25/-6.91	-7.34/-8.54	-10.06/-11.03	-11.02/-11.09	-11.55/-12.1	-12.4/-11.79	-10.49/-9.65	-9.43/-9.23	-8.26/-7.14	-6.64/-6.54	-6.8/-6.91	-6.93/-7.12	-7.75/-8.92	-8.99/-7.38	-5.95/-6.61	-6.18/-6.7	-6.71/-6.73	-7.35/-9.73	-16.09/-18.03	-12.54/-9.27	-8.14/-8.12	-8.95/-10.11	-10.69/-10.38	-9.46/-8.39				
Θ(165°)	-9.55/-10.35	-11.56/-13.09	-14.2/-13.89	-12.62/-14.48	-10.9/-10.64	-11.8/-12.43	-13.57/-11.14	-10.28/-9.63	-9.08/-7.72	-6.22/-5.3	-5.19/-5.76	-6.79/-7.97	-8.05/-7.63	-7.31/-7.49	-7.75/-7.64	-7.44/-7.89	-9.11/-11.56	-16.64/-18.34	-18.36/-14.19	-11.15/-9.61	-8.09/-9	-8.85/-8.62	-8.73/-9.24					
Θ(172.5°)	-14.66/-15.01	-15.56/-16.37	-16.3/-15.25	-14.12/-13.13	-12.58/-12.47	-13.29/-13.53	-11.74/-10.66	-9.07/-8.74	-8.3/-7.21	-6.05/-5.09	-4.53/-4.81	-5.5/-6.82	-8.56/-10	-10.47/-10.23	-9.9/-9.67	-9.33/-9.1	-9.45/-10.39	-11.77/-13.49	-15.39/-17.12	-17.64/-17.5	-17.67/-18.32	-18.12/-16.42	-14.98/-14.13	-14.14/-14.71				
Θ(180°)	-18.12/-17.87	-18.73/-16.69	-15.06/-13.8	-13.03/-12.69	-12.62/-12.44	-11.76/-10.51	-9.34/-8.97	-9.06/-8.6	-7.71/-7.25	-7.64/-8.32	-8.97/-9.71	-10.86/-13.14	-16.47/-17.85	-15.24/-13.25	-12.21/-11.99	-12.19/-12.84	-13.93/-14.48	-14.06/-13.23	-12.19/-10.85	-9.29/-8.38	-8.7/-9.92	-11.39/-13.06	-14.56/-16	-17.44/-18.19				
Freq(Hz)	2.45GPol.	ThetaAnt.1	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)				
Θ(0°)	-7.6/-96	-6.89/-7.79	-7.69/-8.41	-9.08/-9.46	-9.23/-8.76	-8.76/-9.32	-9.65/-9.92	-8.72/-8.86	-7.52/-8	-8.67/-9.1	-8.75/-8.08	-7.98/-8.63	-9.68/-10.62	-11.61/-11.71	-11.58/-11.16	-10.77/-10.26	-8.8/-9.46	-9.3/-9.41	-9.11/-9.76	-6.97/-6.58	-6.53/-6.66	-6.39/-6.41	-6.61/-6.71	-6.87/-6.89				
Θ(7.5°)	-18.46/-18.7	-17.89/-17.01	-16.75/-15.57	-13.71/-11.22	-9.07/-7.74	-7.31/-7.32	-7.12/-6.6	-5.66/-5.79	-5.44/-4.88	-4.43/-4.33	-4.34/-4.31	-4.02/-3.85	-3.91/-4.39	-4.99/-5.57	-5.99/-6.49	-6.96/-7.53	-6.18/-9.05	-9.87/-10.62	-11.09/-11.09	-10.62/-10.68	-11.32/-12.77	-13.55/-13.47	-13.36/-14.07	-15.84/-18.6				
Θ(15°)	-8.98/-8.79	-8.8/-8.63	-8.82/-8.91	-8.89/-8.26	-7.34/-6.83	-7.04/-7.4	-7.26/-6.45	-5.49/-4.87	-4.62/-4.27	-3.56/-2.73	-2.15/-2.02	-2.1/-2	-1.96/-2.21	-2.72/-3.2	-3.72/-4.12	-4.43/-4.73	-5.14/-5.61	-5.9/-5.51	-5.14/-5.26	-5.84/-6.64	-6.97/-7.32	-8.24/-9.07	-9.47/-9.49	-9.37/-9.28				
Θ(22.5°)	-4.83/-4.7	-4.6/-6.46	-4.89/-5.4	-6.05/-6.62	-6.73/-6.55	-6.21/-5.86	-5.77/-5.92	-5.22/-5.27	-4.3/-3.91	-3.52/-2.77	-1.85/-1.24	-0.99/-0.82	-0.82/-1.08	-1.64/-2.39	-2.98/-3.22	-3.03/-2.87	-2.74/-2.69	-2.62/-2.5	-2.34/-2.2	-2.08/-1.84	-1.49/-1.31	-1.65/-2.37	-3.24/-0.45	-4.72/-4.98				
Θ(30°)	-4.94/-4.39	-3.8/-3.55	-3.63/-4.07	-4.78/-5.5	-5.54/-4.67	-3.47/-5.22	-3.05/-3.37	-3.17/-2.64	-2.07/-1.56	-1.09/-0.58	-0.60/-0.5	0.13/-0.71	-1.48/-1.72	-1.01/-0.98	-1.06/-1.12	-1.51/-1.3	-1.01/-0.98	-1.06/-1.28	-2.03/-2.28	-2.03/-1.66	-0.88/-0.33	-0.26/-0.73	-1.59/-2.71	-4.05/-4				



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(22.5°)	-5.32/-3.9	-3.36/-3.12	-3.44/-3.98	-3.74/-9	-2.86/-2.56	-3.16/-5.05	-5.34/-5.4	-5.7/-6.61	-6.99/-7.27	-9.04/-9.57	-8.7/-8.18	-5.97/-4.45	-3.22/-1.69	-0.50/07	-0.02/-0.06	0.04/-0.33	-0.89/-1.78	-3.61/-5.13	-6.67/-9.04	-10.64/-9.2	-8.34/-9.98	-6.57/-5.88	-4.3/-3.96	-3.89/-3.8
Θ(30°)	-7.58/-4.97	-3.24/-3.06	-4.46/-5.18	-4.82/-5.36	-4.81/-3.75	-4.2/-4.84	-4.03/-2.66	-2.95/-4.75	-5.6/-7.88	-10.32/-9.21	-18.08/-13.57	-7.29/-6.32	-3.05/-1.57	-0.83/-0.29	-0.61/-0.41	-0.68/-0.95	-1.27/-2.47	-3.83/-4.91	-6.38/-7.8	-13.01/-16.11	-9.17/-6.54	-6.61/-4.1	-5.04/-5.53	-4.01/-3.75
Θ(37.5°)	-7.49/-7.5	-7.02/-4.14	-3.48/-4.08	-7.18/-9.5	-6.05/-6.38	-4.87/-7.6	-4.3/-6.2	-3.93/-4.9	-5.6/-6.18	-5.5/-9.16	-11.58/-10.68	-7.27/-8.5	-5.6/-6.23	-2.62/-2.04	-0.94/-1.16	-2.57/-2.89	-3.3/-3.07	-3.65/-4.61	-4.99/-4.55	-6.79/-9.54	-14.73/-11.37	-7.3/-4.29	-3.64/-5.45	-5.35/-8.88
Θ(45°)	-8.32/-6.57	-7.71/-6.59	-5.03/-5.57	-8.03/-7.19	-6.98/-6.1	-3.04/-2.71	-3.9/-3.63	-3.71/-5.68	-5.19/-4.65	-5.46/-7.34	-7.82/-10.43	-13.11/-13.12	-13.16/-7.43	-6.3/-5.54	-3.19/-3.22	-5.37/-5.94	-6.66/-6.6	-6.09/-7.84	-8.25/-6.83	-6.64/-9.95	-12.41/-13.49	-12.87/-8.92	-6.44/-6.51	-6.27/-5.66
Θ(52.5°)	-12.04/-9.03	-9.99/-8.27	-9.15/-7.14	-8/-5.05	-6.68/-10.02	-6.34/-4.29	-6.14/-4.28	-5.53/-5.33	-4.79/-5.68	-6.47/-6	-6.69/-10	-14/-14.68	-10.81/-11.98	-7.62/-5.57	-7.75/-8.05	-6.03/-6.29	-5.95/-8.67	-5.75/-4.91	-4.91/-6.04	-10.95/-18.28	-18.25/-12.16	-8.57/-10.58	-7.62/-6.97	-7.64/-5.93
Θ(60°)	-18.46/-17.28	-16.25/-15.01	-18.5/-7.78	-9.42/-6.74	-8.84/-12.31	-4.68/-4.72	-8.86/-5.65	-6.18/-4.93	-4.6/-5.39	-6.33/-7.05	-6.08/-8.38	-8.45/-11.89	-6.91/-7.88	-8.87/-9.42	-18.86/-8.68	-6.6/-8.34	-16.61/-17.77	-12.89/-6.89	-5.56/-7.28	-11.75/-18.57	-9.86/-12.59	-9.86/-12.29	-9.19/-6.28	-9.84/-11.5
Θ(67.5°)	-12.93/-11.29	-18.67/-17.85	-15.58/-11.5	-15.82/-10	-10.69/-12.8	-10.74/-12.14	-9.17/-5.66	-6.25/-4.26	-4.14/-5.46	-5.83/-7.05	-7.26/-8.72	-11.5/-13.29	-16.41/-16.18	-14.22/-11.36	-11.09/-7.31	-9.04/-11.26	-10.77/-10.82	-18.52/-9.02	-3.62/-3.61	-7.59/-16.23	-15.72/-16.63	-13.94/-9.01	-9.91/-8.42	-18.2/-17.04
Θ(75°)	-8.64/-8.14	-14.92/-9.48	-15.29/-17.94	-17.98/-12.82	-13.81/-14.47	-13.39/-12.33	-9.91/-6.49	-6.41/-4.17	-4.95/-6.74	-6.31/-7.68	-8.15/-9.07	-8.02/-11.6	-18.08/-18.15	-12.55/-19	-12.45/-7.2	-9.99/-9.74	-5.51/-4.86	-8.6/-13.36	-3.92/-3.09	-3.86/-6.53	-16.02/-17.14	-14.63/-5.4	-10.21/-9.67	-17.81/-11.17
Θ(82.5°)	-8.55/-7.22	-10.85/-8.19	-16.62/-16.96	-18.36/-18.54	-18.03/-17.44	-15.66/-12.25	-8.85/-7.31	-7.43/-4.97	-5.25/-7.71	-7.51/-8.67	-11.71/-7.83	-9.63/-19.24	-18.63/-17.28	-15.56/-9.71	-9.38/-6.47	-5.61/-3.21	-5.36/-9.51	-5.41/-3.71	-4.02/-2.9	-15.59/-13.02	-19.1/-4.63	-13.16/-11.59	-13.16/-11.59	-13.16/-11.59
Θ(90°)	-7.72/-6.21	-10.96/-8.78	-14.96/-16.68	-15.52/-18.66	-18.02/-18.05	-12.16/-12.4	-10.26/-8.58	-7.94/-7.49	7.08/-9.67	-9.18/-9.73	-11.92/-8.18	-8.29/-10.58	-14.71/-13.82	-18.11/-18.11	-18.06/-10.47	-12.05/-7.36	-2.48/-2.06	-6.49/-5.8	-4.41/-7.5	-7.25/-3.52	-14.02/-10.73	-18.79/-5.6	-12.46/-16.85	-11.12/-9.35
Θ(97.5°)	-7.35/-7.83	-11.21/-11.52	-14.09/-15.66	-16.58/-18.34	-17.85/-12.47	-13.58/-12.48	-11.53/-10.52	-8.9/-8.47	-8.51/-11.02	-10/-10.51	-10.96/-10.89	-11.05/-8.08	-16.09/-11.97	-18.23/-17.56	-19.1/-13.25	-6.97/-9.91	-4.61/-2.04	-5.29/-5.93	-4.22/-7.42	-8.13/-4.42	-12.64/-12.91	-14.84/-5.33	-12.46/-18.26	-8.75/-11.41
Θ(105°)	-6.57/-9.83	-12.44/-16.82	-13.05/-18.21	-15.88/-18.57	-15.36/-14.24	-17.39/-12.71	-13.52/-13.73	-9.38/-9.14	-11.47/-12.32	-11.73/-12.83	-13.31/-11.95	-13.24/-9.8	-12.79/-11.58	-17.2/-16.35	-18.07/-16	-11.14/-10.14	-3.28/-4.2	-6.45/-4.71	-1.94/-7.49	-11.14/-7.97	-14.14/-17.27	-9.09/-6.18	-12.76/-17.91	-9.24/-14.87
Θ(112.5°)	-10.67/-13.85	-18.01/-16.07	-16.9/-17.09	-16.57/-13.09	-13.35/-13.82	-15.06/-12.57	-11.51/-14.52	-11.08/-10.44	-13.35/-15.51	-11.12/-16.32	-14.01/-14.6	-11.43/-13.65	-13.75/-9.51	-18.63/-14.9	-18.64/-14.07	-15.93/-14.67	-3.53/-5.22	-9.46/-6.62	-4.1/-5.62	-8.18/-11.85	-10.57/-16.01	-12.09/-8.59	-11.02/-17.68	-10.8/-14.9
Θ(120°)	-10.74/-18.62	-17.1/-14.83	-18.68/-16.83	-18.05/-13.57	-10.49/-13.28	-12.38/-11.74	-12.38/-15.72	-11.82/-11.2	-15.26/-14.67	-14.7/-14.05	-14.66/-15.61	-10.71/-11.79	-19.23/-12.03	-15.38/-12.82	-18.21/-19.06	-13.87/-18.9	-16.88/-9.23	-12.37/-7.74	-5.88/-9.28	-13.31/-16.35	-9.55/-12.06	-11.99/-14.77	-18.16/-18.84	-11.11/-18.83
Θ(127.5°)	-15.54/-18.28	-15.78/-13.59	-17.66/-14.86	-15.56/-12.8	-9.27/-11.99	-15.17/-12.3	-12.45/-17.63	-15.17/-16.81	-15.1/-16.41	-18.72/-18.28	-11.54/-11.84	-14.79/-8.5	-9.63/-13.77	-8.5/-10.39	-16.35/-19.1	-15.5/-18.05	-17.05/-14.03	-16.46/-17.18	-17.78/-16.74	-15.38/-17.84	-14.54/-12.4	-18.08/-17.33	-19.4/-17.21	-13.17/-14.29
Θ(135°)	-18.25/-11.6	-18.93/-17.74	-14.88/-14.43	-11.16/-10.04	-11.59/-11.67	-15.18/-12.05	-12.73/-18.05	-17.42/-16.68	-15.83/-15.35	-17.89/-18.4	-18.55/-9.8	-13.88/-11.97	-8.04/-8.03	-11.46/-11.17	-13.2/-17.76	-18.27/-14.59	-18.51/-18.54	-18.1/-16.06	-15.57/-15.94	-11.29/-16.99	-14.21/-18.35	-18.19/-18.86	-18.85/-14.12	-18.05/-18.14
Θ(142.5°)	-13.72/-14.12	-15.03/-13.29	-10.11/-11.22	-10.74/-10.66	-11.81/-10.72	-13.81/-11.97	-12.72/-19.88	-17.91/-14.5	-14.11/-17.23	-15.75/-18.15	-17.08/-18.23	-11.45/-12.05	-12.78/-12.59	-13.16/-17.39	-15.54/-14.14	-12.06/-13.58	-16.1/-18.42	-17.83/-12.7	-17.26/-14.22	-13.95/-18.47	-17.81/-17.26	-18.61/-15.65	-18.15/-15.02	-14.6/-14.1
Θ(150°)	-12.58/-9.22	-11.6/-11.63	-8.53/-9.47	-10.22/-10.06	-12.54/-14.02	-13.81/-14.35	-15.56/-18.39	-17.93/-18.38	-14.71/-16.32	-15.44/-14.06	-13.98/-14.17	-11.98/-12.37	-9.32/-8.72	-9.53/-7.47	-8.93/-12.98	-14.57/-18.96	-18.85/-15.9	-18.6/-18.92	-18.71/-15.45	-17.58/-15.78	-18.61/-16.63	-16.56/-18.19	-18.83/-13.12	-9.99/-10.35
Θ(157.5°)	-11.99/-12.2	-12.7/-12.2	-10.9/-13.8	-12.28/-11.06	-10.98/-15.05	-17.73/-16.07	-16.11/-18.3	-18.06/-18.22	-15.01/-15.72	-17.07/-16.69	-14.66/-9.47	-9.41/-16.11	-11.51/-6.78	-7.27/-8.72	-9.18/-10.14	-11.84/-15.51	-18.71/-18.51	-17.33/-16.66	-17.18/-18.82	-19/-18.35	-18.32/-16.64	-15.05/-15.29	-15.22/-18.03	-18.48/-16.37
Θ(165°)	-15.5/-12.67	-13.1/-10.94	-9.77/-10.58	-12.29/-14.12	-15.42/-18.01	-19.02/-18.55	-18.89/-18.05	-17.38/-17.98	-17.21/-17.72	-14.9/-12.97	-13.88/-13.36	-17.79/-13.85	-11.78/-12.33	-12.24/-10.86	-14/-17.77	-15.11/-14.72	-17.95/-19.49	-17.47/-18.78	-18/-17.6	-17.47/-18.33	-17.35/-16	-15.34/-12.59	-18.76/-16.19	-16.19/-13.49
Θ(172.5°)	-14.04/-10.76	-12.79/-12.49	-12.31/-10.75	-13.46/-15.34	-16.63/-17.56	-18.12/-17.43	-17.99/-17.2	-16.55/-17.45	-17.93/-18.27	-16.37/-16.21	-14.24/-13.25	-13.02/-11.61	-13.88/-15.95	-15.7/-13.63	-14.34/-16.48	-17.89/-18.22	-17.46/-17.94	-18.54/-18.19	-18.87/-18.27	-16.94/-17.35	-15.42/-13.63	-14.58/-12.37	-10.66/-14.19	-11.34/-12.12
Θ(180°)	-14.58/-13.09	-14.49/-14.47	-14.85/-15.7	-18.98/-18.08	-19.12/-19.09	-17.74/-18.28	-17.71/-18.81	-16.66/-19.37	-16.06/-14.91	-15.78/-14.49	-13.78/-14.01	-12.75/-16.36	-18.93/-18.31	-16.74/-16.82	-18.24/-17.44	-18.34/-17.71	-17.2/-18.48	-18.72/-17.96	-18.87/-15.38	-12.37/-13.55	-14.75/-12.29	-13.55/-12.41	-11.73/-14.46	
Freq(Hz)	5.3GPdL	Theta(Ant. 1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-3.64/-4.88	-5.56/-5.64	-6.45/-7.05	-6.02/-5.4	-5.17/-4.18	-3.79/-2.53	-2.55/-1.81	-1.24/-1.52	-0.44/-1.06	-1.81/-1.57	-1.01/-2	-3.32/-3.65	-4.97/-5.64	-6.52/-7.81	-7.89/-8.52	-7.96/-7.41	-6.79/-5.65	-4.42/-9.8	-3.63/-3.33	-3.1/-2.87	-2.80/-2.24	-2.27/-2.59	-2.91/-2.93	-4.08/-4.87
Θ(7.5°)	-3.29/-4.53	-6.77/-7.64	-8.95/-10.68	-5.94/-9.61	-8.75/-8.22	-8.62/-7.71	-5.94/-6.49	-5.43/-3.86	-3.73/-2.76	-2.3/-3.32	-1.9/-1.19	-1.82/-2.96	-3.25/-3.86	-4.51/-3.42	-4.26/-4.52	-3.71/-3.22	-2.56/-1.51	-0.54/-0.1	0.510.95	1.080.84	1.010.79	0.620.39	0.27/-0.69	-1.52/-2.29
Θ(15°)	-4.24/-4.1	-7.12/-7.6	-9.44/-13.47	-16.31/-18.58	-18.81/-18.65	-16.85/-17.72	-16.62/-9.64	-7.6/-6.41	-3.84/-3.18	-2.84/-2.94	-3.11/-3	-3.34/-4.01	-3.83/-6.4	-3.55/-2.66	-2.53/-2.25	-1.58/-0.85	-0.64/-0.91	-1.41/-7.07	-0.95/-0.36	-0.15/-0.2	0.250.82	0.67/-0.67	-0.93/-1.76	-0.97/-3.34
Θ(22.5°)	-7.78/-6.03	-8.75/-6.54	-10.34/-12.14	-14.86/-17.75	-16.95/-16.41	-14.52/-10.86	-9.88/-7.75	-4.4/-3.17	-2.69/-2.44	-2.46/-3	-3.41/-3.44	-3.44/-4.79	-5.99/-6.7	-7.69/-6.08	-4.67/-3.28	-1.51/-0.15	0.540.57	0.430.02	0.541.66	1.861.55	1.06/-0.06	-1.15/-1.95	-1.48/-0.9	-4.65/-6.89
Θ(30°)	-6.61/-7.48	-10.62/-13.39	-14.1/-15.01	-14.95/-18.3	-13.86/-8.7	-6.3/-7.38	-6.94/-4.24	-2.76/-1.51	-1.27/-1.99	-1.97/-1.52	-2.5/-1.8	-2.18/-2.53	-3.51/-4.19	-3.98/-4.23	-3.12/-2.26	-1.24/-0.12	1.241.22	0.870.91	1.362.61	2.952.32	1.03/-1.49	-2.52/-0.77	-0.97/-2.4	
Θ(37.5°)	-3.74/-4.5	-8.23/-12.69	-13.32/-10.15	-10.94/-13	-6.39/-2.92	-3.14/-4.69	-6.83/-5.54	-3.65/-4.28	-5.39/-3.98	-1.96/-1.52	-3.3/-5.17	-4.22/-5.69	-5.69/-5.96	-3.59/-3.31	-1.91/-1.22	-1.070.05	2.010.26	3.693.66	3.213.55	3.993.19	1.350.61	-0.22/-0.69	-1.250.08	0.49/-2.71
Θ(45°)	-1.98/-2.42	-8.1/-8.56	-7.45/-6.4	-6.61/-6.6	-5.19/-2.83	-0.92/-2.08	-6.99/-6.44	-6.21/-7.29	-5.78/-3.29	-1.770.69	-0.28/-1.54	-2.72/-2.75	-2.85/-2.95	-1.97/-2.17	-4.61/-1.74	1.982.56	3.164.09	5.365.3	4.314.35	4.93/4	1.281.39	1.910.32	-1.180.47	-1.71/-1.55
Θ(52.5°)	-4.87/-2.11	-7.37/-9.13	-8.73/-6.47	-5.28/-3.34	-1.67/-2.39	-0.33/-1.93	-7.08/-4.77	-4.36/-5.34	-4.18/-3.42	-3.43/-3.4	-0.260.58	-0.73/-0.63	-1.34/-0.71	-1.15/-0.99	-3.15/-0.23	2.122.05	2.483.69	3.863.38	3.474.57	5.44.13	3.093.28	2.190.72	-0.92/-0.77	0.63/-1.22
Θ(60°)	-4.32/-2.28	-2.96/-6.45	-6.53/-11.22	-4.47/-0.8	0.36/-3.43	-1.75/-2.11	-5.47/-1.77	-2.27/-2.21	-1.28/-3.56	-4.77/-1.99	-1.64/-0.04	-1.77/-1.33	-1.59/-1.53	-2.06/-1.45	-1.4/-0.22	0.680.59	2.233.21	3.530.72	5.081.81	4.062.52	-0.01/-1.72	-0.060.4	0.740.96	-0.11/-1.58
Θ(67.5°)	-1.31/-1.5	-0.60/-2.86	-3.65/-10.89	-4.11/-0.92	0.04/-3.35	-0.26/-0.72	-1.330.66	-0.39/-0.09	-0.24/-4.22	-3.82/-0.35	-0.65/-0.87	-3.77/-3	-0.87/-2.44	-1.74/-2.63	-0.940.61	-0.550.33	2.213.8	3.481.67	-1.79/-2.37	3.311.78	-2.73/-1.			



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(67.5°)	-9.82/-10.99	-18.57/-18.27	-12.38/-7.64	-5.86/-6.98	-7.36/-5.64	-4.02/-3.22	-5.12/-1.27	-1.08/-0.97	-0.69/-1.37	-2.8/-3.1	-3.46/-4.35	-4.24/-4.15	-4.11/-3.94	-4.09/-5.64	-7.66/-8.04	-6.47/-6.12	-8.71/-10.32	-19.3/-13.37	-17.25/-14.24	-13.7/-10.51	-6.78/-14.28	-7.07/-15.01	-13.31/-5.79	-4.77/-6.48
Θ(75°)	-17.08/-16.96	-6.67/-6.83	-18.99/-14.64	-9.17/-6.61	-9.36/-7.95	-7.82/-5.61	-6.29/-5.15	-2.33/-1.59	-2.65/-1.93	-3.03/-2.51	-4.86/-6.74	-5.31/-6.15	-4.79/-6.79	-4.31/-8.17	-9.06/-8.33	-5.16/-8.04	-12.21/-14.59	-17.17/-17.61	-18.4/-8.41	-18.98/-14.22	-10.33/-12.21	-6.37/-9.71	-5.27/-3.5	-7.44/-18.3
Θ(82.5°)	-7.58/-6.54	-4.15/-3.63	-10/-14.03	-10.27/-9.53	-10.61/-4.03	-10.99/-6.7	-8.07/-7.13	-2.28/-2.91	-3.36/-2.69	-3.26/-4.52	-5.09/-7.36	-8.11/-6.69	-7.53/-6.79	-7.15/-8.02	-12.04/-10.09	-5.52/-8.05	-12.32/-18	-18.27/-14.79	-18.31/-5.28	-14.85/-13.44	-15.12/-10.53	-8.6/-6.75	-3.19/-4.44	-16.88/-13.01
Θ(90°)	-5.17/-4.08	-2.95/-3.15	-6.01/-9.23	-17.83/-11.12	-8.84/-11.13	-13.57/-11.44	-9.95/-9.79	-3.65/-4.17	-3.44/-3.06	-3.21/-4.5	-8.09/-6.41	-9.34/-11.04	-8.62/-12.25	-7.61/-13.3	-12.43/-10.31	-9.38/-10	-7.96/-18.47	-18.05/-11.67	-14.51/-7.76	-9.93/-18.78	-15.25/-8.46	-13.51/-6.32	-3.87/-7.61	-16.55/-7.45
Θ(97.5°)	-5.22/-4.09	-2.68/-3.56	-5.8/-7.4	-16.86/-13.27	-10.48/-12.62	-13.17/-14.26	-9.86/-12.13	-6.05/-6.21	-5.17/-5.4	-4.61/-5.23	-7.11/-7.91	-9.3/-13.74	-8.77/-11.82	-10.24/-12.02	-17.66/-11.96	-10.48/-10	-7.91/-15.51	-18.22/-17.53	-11.47/-18.14	-9.71/-15.51	-15.62/-13.72	-16.26/-7.79	-6.38/-16.54	-9.78/-4.5
Θ(105°)	-5.28/-5.88	-3.6/-5.68	-5.15/-7.05	-14.07/-12.7	-10.56/-14.17	-15.32/-18.74	-14.42/-12.68	-7.39/-8.18	-5.66/-7.53	-6.46/-8.42	-7.25/-7.96	-8.26/-14.35	-12.87/-18.82	-12.87/-17.29	-15.99/-15.21	-10.64/-11.44	-10.67/-8.44	-15.87/-18.19	-9.96/-13.92	-17.74/-13.12	-14.09/-18.93	-15.45/-7.01	-14.37/-16.33	-6.09/-4.74
Θ(112.5°)	-7.72/-6.15	-5.87/-6.28	-6.61/-8.77	-11.73/-15.17	-14.56/-16.17	-13.06/-17.87	-14.48/-15.21	-10.04/-8.09	-10.39/-7.96	-9.47/-12.31	-9.79/-9.14	-8.1/-11.47	-10.28/-12.1	-16.97/-18.19	-16.84/-13.79	-11.61/-9.82	-16.82/-12.88	-13.37/-14.28	-15.45/-13.32	-18.92/-17.28	-15/-14.85	-10.82/-9.05	-16.95/-12.39	-7.86/-7.37
Θ(120°)	-12.47/-9.59	-8.87/-8.29	-7.84/-10.55	-11.12/-16.12	-19.37/-14.5	-10.93/-15.06	-17.29/-19.33	-12.67/-8.78	-13.6/-9.92	-10.83/-10.32	-12.97/-10.34	-12.81/-12.72	-10.05/-14.18	-17.09/-17.97	-18.54/-18.01	-18.91/-17.19	-14.23/-14.11	-18.19/-13.13	-17.48/-15.25	-17.67/-11.3	-10.49/-11.88	-18.05/-13.62	-14.31/-14.3	
Θ(127.5°)	-17.23/-11.92	-11.03/-10.16	-9.17/-10.75	-9.49/-14.76	-18.56/-16.2	-13.9/-18.84	-18.09/-18.12	-14.85/-13.53	-12.55/-10.15	-9.77/-8.87	-11.4/-10.7	-18.05/-12.31	-11.95/-8.1	-12.51/-17.92	-16.43/-18.36	-10.99/-18.35	-19.43/-11.83	-19/-18.06	-18.96/-17.85	-18.66/-18.05	-14.2/-18.98	-12.44/-14.2	-18.32/-12.37	-19.2/-17.86
Θ(135°)	-11.79/-12.81	-11.61/-9.96	-8.8/-11.7	-11.35/-13.98	-16.19/-17.55	-11.28/-17.34	-18.12/-18	-16.76/-18.64	-12.75/-11.53	-11.28/-9.71	-10.13/-9.69	-11.73/-8.12	-9.06/-13.59	-9.4/-14.56	-17.44/-11.99	-18.67/-18.29	-18.02/-17.93	-18.81/-17.6	-16.43/-16.35	-18.98/-17.97	-15.09/-18.23	-18.5/-18.79	-12.62/-11.1	-12.53/-10.6
Θ(142.5°)	-10.47/-11.23	-12.67/-9.99	-8.86/-13.39	-12.06/-12.35	-14.55/-14.36	-14.56/-16.11	-17.34/-18.91	-17.62/-18.52	-14.62/-13.62	-11.87/-11.73	-11.42/-9.36	-8.89/-9.49	-7.54/-8.19	-14.27/-8	-9.39/-16.54	-17.14/-17.07	-19.29/-15.62	-12.7/-15.18	-17.18/-14.93	-18.43/-18.35	-17.44/-15.17	-18.79/-18.72	-17.62/-13.84	-9.52/-14.97
Θ(150°)	-13.53/-12.9	-12.63/-12.86	-11.17/-9.47	-10.44/-11.92	-13.49/-13.75	-14.91/-17.33	-18.03/-17.92	-17.88/-15.16	-18.62/-16.89	-15.05/-11.45	-14.11/-13.36	-13.81/-9.91	-10.33/-7.32	-8.56/-11	-6.93/-6.05	-8.22/-7.71	-12.91/-18.26	-17.48/-17.97	-18.98/-18.43	-18.61/-17.92	-18.09/-17.98	-18/-15.08	-15.43/-18.91	-17.96/-12.59
Θ(157.5°)	-13.11/-9.44	-10.14/-11.03	-10.9/-10.53	-11.51/-12.57	-14.26/-13.9	-14.48/-19.1	-18.81/-17.77	-19.02/-18.62	-19.05/-17.88	-19.22/-18.9	-14.19/-12.81	-11.19/-9.52	-11/-9.26	-9.98/-7.61	-6.23/-6.49	-10.79/-13.66	-18.09/-17.69	-17.53/-18.27	-17.28/-18.11	-18.77/-18.71	-18.31/-18	-16.6/-15.54	-13.2/-9.63	-9.32/-11.15
Θ(165°)	-8.36/-8.72	-10.47/-10.27	-12.02/-13.25	-14.55/-14.36	-14.56/-16.11	-17.34/-18.91	-17.16/-18.88	-17.45/-14.8	-16.03/-14.09	-15.51/-11.73	-11.01/-13.1	-11.84/-11.92	-10.49/-9.78	-9.5/-9.27	-10.34/-11.35	-13.4/-12.68	-17.03/-18.1	-18.88/-18.4	-18.36/-18.37	-18.54/-17.92	-16.6/-15.64	-17.11/-15.73	-14.64/-12.08	-12.3/-11.14
Θ(172.5°)	-18.67/-18.81	-8.89/-9	-10.74/-11.45	-11.15/-12.4	-13.47/-17.38	-17.23/-18.44	-17.05/-18.99	-16.45/-15.99	-11.94/-11.27	-10.51/-10.76	-9.37/-9.44	-7.25/-8.84	-11.94/-16.78	-18.07/-12.81	-12.23/-12.68	-17.55/-17.73	-18.68/-17.92	-13.79/-15.36	-17.91/-17.71	-18.74/-19.09	-15.73/-13.67	-12.81/-12.26	-11.41/-10.4	
Θ(180°)	-11.46/-11.26	-11.79/-12.14	-13.31/-12.89	-14.01/-13.42	-16.76/-16.88	-15.65/-13.64	-14.86/-12.05	-13.37/-13.34	-13.86/-12.59	-13.15/-13.16	-12.32/-10.8	-10.63/-10.42	-14.6/-17.72	-18.09/-13.79	-12.12/-12.33	-14.48/-18.48	-18.92/-14.42	-13.54/-13.07	-13.79/-14.89	-15.41/-15.68	-15.92/-14.45	-14.61/-14.03	-12.89/-12.84	-12.34/-12.84
Freq(Hz)	6.475Gp	Theta/Ant. 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	-6.93/-5.84	-4.41/-2.89	-1.81/-0.54	0.761/5.5	2.082/6.9	3.023/9.9	3.232/9.9	2.782/24	2.091/24	0.44/-0.76	-2.17/-3.78	-6.07/-7.7	-8.11/-7.48	-5.85/-4.05	-2.19/-0.67	0.481/4.8	2.392/8.6	3.073/5.3	3.152/9.8	2.942/3.3	1.890/8.1	-0.32/-1.7	-2.73/-3.83	-5.65/-7.02
Θ(7.5°)	-7.83/-8.07	-6.76/-4.51	-2.57/-0.74	0.821/8.7	2.392/4.7	2.932/7.9	2.292/0.9	1.811/4.1	0.720/5.6	-0.39/-0.83	-2.6/-3.63	-5.54/-6.69	-6.31/-6.14	-5.61/-3.88	-1.480/1.5	1.092/0.7	2.482/7.9	3.093/4	3.462/9.5	3.052/7.6	2.061/5.4	0.55/-0.28	-1.69/-2.52	-4.02/-6.03
Θ(15°)	-3.15/-3.02	-3.44/-4.1	-5.64/-4.48	-1.550/6	1.111/6.9	1.912/6.9	2.973/0.2	3.532/9.8	3.252/4.3	2.061/0.6	0.41/-0.96	-2.32/-3.07	-3.59/-3.69	-4.05/-3.64	-2.33/-0.98	-0.110/4.7	0.771/2.4	1.641/4.9	1.7/1.8	2.122/2	2.091/9.4	1.771/1.1	-0.1/-1.17	-2.15/-3.03
Θ(22.5°)	-3.16/-3.56	-3.17/-2.1	-2.66/-4.05	-4.82/-3.62	-1.940/-1.2	1.482/4.1	2.732/7.2	2.891/9.5	2.071/1.3	0.770/2.8	0.01/-0.38	-1.61/-1.21	-1.38/-0.65	-0.3/-1.1	-1.09/-1.17	-0.550/1.2	-0.32/-1.25	-1.48/-0.01	0.870/9.3	0.730/5	-0.29/-0.63	-0.85/-0.29	-0.3/-0.7	-0.78/-2.14
Θ(30°)	-1.14/-1.47	-2.62/-5.52	-4.86/-4.48	-9.67/-10.3	-7.83/-3.18	-1.320/6.1	-0.330/0.4	-0.210/4.6	-0.431/0.5	1.51/7.5	1.561/6.1	-0.58/-0.7	-0.81/-1.36	-0.37/-0.07	-0.02/-1.01	-0.730/1.7	-0.22/-2.4	-3.26/-1	-0.95/-3.01	-3.64/-3.32	-2.31/-2.05	-0.95/-0.67	-0.36/-0.26	-0.02/-0.26
Θ(37.5°)	-0.89/-2.25	-1.77/-2.47	-4.55/-5.76	-12.05/-17.16	-11.42/-8.71	-4.48/-1.68	-1.31/-1.7	-2.35/-2.35	-1.38/-0.51	0.08/-0.31	0.210/4	0.130/1.9	0.711/4	0.67/-0.67	1.311/0.3	-0.490/4.8	0.36/-2.77	-1.97/-2.47	-2.46/-1.34	-1.19/-1.96	-1.540/-4.09	0.290/0.5	0.180/4.8	0.3/-0.08
Θ(45°)	-0.03/-0.14	-3.33/-4.67	-5.37/-5.73	-8.93/-11.7	-11.95/-11.77	-7.62/-5.53	-4.88/-4.63	-4.32/-3.98	-2.77/-1.14	-0.841/6.9	2.070/2.2	-2.37/-4.03	-4.02/-1.64	0.310/3.2	-0.441/0.6	0.670/4.9	0.61/-2.09	-5.48/-7.32	-4.67/-4.83	-4.97/-5.91	-4.89/-2.25	-1.480/2.3	2.062/4.5	1.320/5.4
Θ(52.5°)	0.051/5.8	-1.15/-4.23	-4.66/-4.67	-5.89/-8.93	-5.04/-6.36	-6.41/-3.53	-5.05/-0.75	-4.03/-3.34	-3.59/-1.23	1.161/4.7	0.37/-0.51	-1.32/-3.53	-6.76/-3.35	-1.140/5.5	-1.03/-0.9	0.061/-0.9	-9.92/-3.6	-10.68/-11.47	-5.64/-4.94	-4.07/-2.75	-0.062/6.7	2.761/6.9	1.240/7.2	
Θ(60°)	0.18/-2.16	-1.26/-3.07	-4.32/-3.66	-3.69/-7.82	-4.167/0.33	-5.38/-1.31	0.32/-1.82	-3.14/-1.5	-0.85/-0.16	-0.69/-0.63	-1.28/-1.07	-2.23/-2.41	-3.29/-1.72	-3.05/-0.58	-0.67/-3.54	-2.8/-3.79	-2.66/-0.56	-13.31/-17.4	-16.45/-15.36	-7.86/-6.32	-4.96/-6.84	-0.252/0.5	1.652/7.1	2.541/2.9
Θ(67.5°)	-0.56/-1.31	-2.54/-2.99	-4.22/-3.16	-2.58/-7.88	-4.15/-3.45	-2.610/-1.2	-0.59/-2.79	-5.44/-2.53	0.510/3.3	-0.36/-0.88	-1.17/-2.87	-4.54/-3.46	-3.06/-9.28	-5.2/-2.13	-0.93/-4.38	-5.58/-5.81	-4.64/-7.56	-17.38/-14.98	-16.96/-16.77	-11.33/-8.87	-6.67/-5.33	-0.171/7.4	3.19/4	3.220/5.4
Θ(75°)	-1.740/5.1	0.1/-1.14	-3.17/-3.41	-2.21/-5.57	-3.34/-2.04	-1.370/3.33	-0.331/3.22	-4.43/-1.26	-0.020/7.5	-0.25/-0.33	-1.21/-1.85	-4.77/-6.47	-4.12/-4.9	-9.62/-6.09	-2.94/-4.01	-6.71/-1.04	-5.43/-9.55	-13.33/-9.52	-12.40/-18.01	-6.67/-7.13	-6.08/-4.92	-1.480/5.9	3.684/0.8	1.12/-2.63
Θ(82.5°)	-2.520/9.7	0.69/-1.09	-3.47/-3.43	-3.08/-3.84	-3.17/-3.14	-1.180/-9.5	-1.22/-1.62	-4.11/-0.51	-0.38/-0.19	-0.49/-0.97	-1.67/-2.05	-4.08/-8.1	-6.38/-5.78	-11.84/-8.1	-4.14/-4.9	-9.21/-14.07	-8.1/-10.16	-13.88/-15.2	-11.47/-11.77	-4.81/-5.65	-6.97/-14.9	-3.33/-0.63	2.451/5.5	-2.48/-4.4
Θ(90°)	-3.59/-0.82	-0.71/-1.75	-4.85/-3.92	-4.66/-3.38	-2.95/-3.3	-2.4/-1.08	-1.46/-1.15	-3.68/-1.3	-0.97/-0.92	-1.61/-2.67	-2.16/-2.42	-3.98/-6.68	-8.99/-7.17	-10.75/-10.01	-5.53/-6.6	-9.05/-11.19	-10.64/-9.64	-15.21/-12.99	-15.01/-13.46	-10.07/-7.67	-8.51/-6.38	-5.39/-3.42	0.17/-1.68	-5.6/-6.16
Θ(97.5°)	-4.77/-2.51	-2.259/-3.77	-7.02/-5.58	-5.82/-4	-4.04/-4.37	-3.39/-1.88	-2.24/-1.79	-2.39/-1.74	-1.88/-1.11	-2.52/-3.75	-3.8/-2.99	-3.73/-9.53	-10.4/-8.33	-1.133/-9.63	-5.68/-8.31	-8.89/-1.36	-11.83/-10.41	-17.32/-18.58	-18.44/-17.26	-14.01/-10.68	-7.9/-8.81	-8.59/-6.53	-3.28/-4.86	-9.4/-9.7
Θ(105°)	-6.68/-5.05	-6.51/-8.21	-9.62/-7.04	-7.67/-4.6	-5.21/-5.74	-3.88/-2.44	-2.2/-2.71	-3.34/-2.89	-2.12/-2.19	-2.74/-4.81	-6.1/-4.18	-5.34/-8.11	-9.92/-9.29	-9.47/-11.73	-9.42/-11.41	-9.33/-12.5	-10.27/-15.88	-13.84/-9.09	-16.1/-10.58	-13.79/-10.97	-17.99/-10.84	-10.92/-7.97	-6.28/-6.41	-13.01/-11.83
Θ(112.5°)	-9.23/-11	-12.76/-18.33	-12.02/-9.44	-8.58/-6.88	-6.65/-7.59	-3.22/-2.34	-2.85/-3.27	-2.66/-4.26	-4.29/-3.03	-2.97/-4.66	-5.94/-6.86	-8.14/-8.77	-11.82/-9.98	-11.59/-14.22	-16.38/-13.95	-11.67/-14	-12.89/-18.45	-17.97/-14.06	-19.03/-17.59	-18.23/-17.47	-18.86/-12.85	-11.75/-7.48</		



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(112.5°)	-5.76/-9.12	-8.19/-7.6	-8.81/-10.76	-13.28/-10.03	-9.26/-11.23	-17.46/-13.19	-13.63/-11.83	-8.6/-9.82	-9.25/-10.7	-10.67/-8.89	-9.49/-11.48	-13.9/-13.9	-14.06/-18.44	-17.98/-18.71	-16.45/-18.56	-18.17/-17.5	-15.18/-18.62	-17.93/-18.18	-17.14/-17.28	-18.59/-17.51	-14.42/-17.54	-10.07/-12.18	-18.19/-15.09	-8.22/-8.05
Θ(120°)	-14.71/-10.63	-8.97/-6.99	-9.75/-12	-12.2/-10.44	-12.06/-13.73	-16.21/-18.19	-14.08/-11.23	-11.2/-10.15	-12.71/-10.33	-11.26/-10.13	-10.27/-9.54	-15.1/-13.33	-12.66/-17.42	-17.43/-18.23	-17.93/-18.03	-14.51/-17.93	-10.52/-18.59	-18.18/-17.56	-18.46/-19.08	-18.26/-16	-18.89/-14.54	-12.34/-13.48	-18.01/-19.11	-17.41/-12.09
Θ(127.5°)	-12.78/-12.34	-9.81/-10.65	-11.26/-10.68	-11.16/-13.05	-12.12/-12.82	-17.24/-18.33	-18.28/-15.96	-15.9/-10.97	-13.97/-12.59	-10.29/-7.7	-13.78/-10.32	-10.44/-16.71	-11.14/-19.03	-18.75/-18.13	-18.67/-17.59	-14.09/-12.91	-18.47/-17.68	-15.25/-19.27	-17.98/-18.21	-18.48/-17.41	-18.11/-14.23	-15.16/-16.25	-17.94/-12.42	-14.28/-17.77
Θ(135°)	-10.88/-14.03	-11.41/-11.81	-10.08/-12.14	-11.86/-15.22	-16.22/-12.49	-13.76/-19.34	-17.49/-16.79	-13.78/-13.1	-13.24/-15.29	-12.64/-16.65	-15.42/-13.76	-11.68/-14.73	-13.96/-16.25	-17.17/-18.85	-18.73/-18.09	-17.97/-17.89	-13.18/-19.32	-18.05/-19.07	-18.71/-15.13	-18.71/-18.23	-17.8/-14.32	-17.69/-18.69	-12.93/-11.53	-10.86/-11.41
Θ(142.5°)	-11.51/-12.24	-8.87/-10.47	-11.05/-12.5	-14.56/-12.08	-13.33/-12.68	-16.59/-18.89	-15.12/-16.04	-17.01/-19.72	-15.84/-13.87	-16.22/-12.82	-17.55/-10.65	-11.02/-15.83	-14.59/-14.41	-18.66/-17.45	-14.12/-18.42	-16.29/-17.98	-18.29/-17.21	-18.83/-17.91	-18.73/-16.24	-17.32/-18.26	-18.07/-17.98	-18.28/-18.96	-18.19/-18.05	-16.53/-12.51
Θ(150°)	-11.54/-10.97	-10.82/-11.17	-10.59/-13.32	-12.05/-16.24	-12.47/-12.64	-14.29/-17.98	-17.16/-16.81	-17.8/-18.72	-17.25/-16.65	-16.29/-18.34	-17.18/-17.1	-10.52/-10.09	-18.12/-12.88	-10.18/-16.2	-13.79/-14.44	-11.83/-14.95	-16.86/-18.79	-18.61/-17.45	-17.92/-17.83	-18.65/-18.56	-16.33/-17.22	-18.68/-10.88		
Θ(157.5°)	-13.15/-14.37	-12.48/-10.06	-9.05/-13.05	-13.31/-9.69	-8.59/-13.42	-18.32/-15.63	-18.55/-18.82	-18.66/-18.21	-18.57/-17.42	-16.66/-14.11	-17.66/-13.18	-12.39/-10.02	-10.9/-11.72	-13.78/-10.46	-7.45/-10.52	-13.14/-16.09	-18.07/-18.41	-17.64/-16.53	-16.74/-19.2	-19.13/-17.37	-18.27/-18.29	-18.61/-17.6	-17.8/-13.34	-13.68/-13.47
Θ(165°)	-11.31/-12.17	-12.62/-13.93	-9.41/-9.4	-10.72/-12.62	-15.82/-18.63	-17.82/-18.53	-19.26/-18.7	-18.6/-18.16	-18.92/-17.62	-17.97/-18.13	-17.36/-15.72	-12.65/-13.94	-12.86/-9.37	-10.63/-12.45	-12.71/-17.8	-17.23/-18.54	-14.75/-17.21	-18.31/-18.6	-17.52/-17.17	-18.65/-18.03	-17.45/-17.3	-14.09/-12.85	-12.51/-12	-10.86/-11.9
Θ(172.5°)	-7.7/-8.67	-9.94/-10.15	-9.93/-11.29	-13.85/-14.32	-16.72/-18.99	-18.83/-18.31	-18.04/-17.37	-19.13/-18.12	-18.1/-18.6	-18.29/-15.26	-17.34/-17.23	-15.16/-14.96	-10.16/-9.72	-12.05/-17.68	-19.13/-17.78	-16.91/-18.13	-17.72/-17.58	-17.78/-17.88	-18/-18.05	-18.08/-18.01	-18.43/-17.64	-18/-16.24	-13.02/-11.42	-10.08/-9.37
Θ(180°)	-10.86/-10.09	-12.08/-11.95	-12.13/-13.25	-13.49/-16.73	-18.34/-18.37	-17.89/-18.37	-18.71/-17.52	-17.23/-18.33	-17.71/-15.81	-15.11/-14.68	-11.05/-8.77	-9.04/-8.52	-11.04/-16.92	-18.43/-18.33	-18.74/-18.92	-19.21/-17.97	-16.83/-17.58	-17.69/-18.68	-18.47/-18.24	-16.13/-16.19	-14.64/-14.56	-13.13/-11.17	-10.52/-10.97	-11.19/-11.19
Freq(Hz)	6.995GPol.	ThetaAnt. 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	-1.53/-1.94	-1.73/-1.09	-0.44/-0.04	0.62/-1.2	1.14/-1.64	2.03/-1.65	1.55/-1.71	1.110/9.1	0.560/0.3	-0.63/-0.96	-1.91/-2.78	-2.33/-1.91	-1.78/-1.77	-1.43/-0.93	-0.510/0.1	0.59/-1.15	1.66/-1.64	2.21/-2.6	1.76/-2.17	1.81/-2.14	1.55/-1.28	0.17/-0.04	-0.62/-1.1	-1.33/-2.13
Θ(7.5°)	-1.33/-1.17	-0.51/-0.54	1.46/-1.98	2.48/-2.97	3.15/-3.47	3.87/-0.33	3.67/-3.86	2.95/-2.07	1.210/67	-0.61/-1.78	-2.19/-2.33	-2.45/-2.43	-2.41/-2.09	-1.01/-0.08	0.66/-0.1	1.49/-2.17	2.12/-36	2.21/-26	0.91/-0.65	-0.13/-0.45	-0.69/-1.4	-1.45/-1.73	-1.96/-1.83	
Θ(15°)	-0.62/-0.96	-0.64/-0.83	1.73/-22	2.36/-2.44	2.72/-2.61	3.37/-3.72	3.76/-3.88	3.61/-3.33	2.93/-2.96	2.32/-2.47	2.06/-1.2	-1.02/-1.06	-1.15/-2.54	-3.06/-1.99	-1.38/-1.32	-1.2/-0.94	-0.290/52	0.90/-63	-0.43/-1.12	-1.48/-1.6	-1.53/-1.59	-1.81/-1.97	-2.28/-1.38	-0.67/-0.24
Θ(22.5°)	0.570/7.7	0.05/-0.27	0.080/0.1	0.89/-2.29	3.17/-3.29	3.66/-3.78	3.39/-3.65	3.67/-3.82	3.95/-4.17	3.69/-2.83	2.35/-1.34	0.73/-0.1	-0.45/-2.71	-3.62/-3	-3.19/-2.77	-1.81/-1.75	-1.45/-1.49	-1.83/-3.54	-5.69/-4.46	-5.72/-4.71	-3.36/-1.39	-0.510/11	0.54/-0.03	-0.790/-1.3
Θ(30°)	-0.58/-1	-2.01/-3.68	0.52/-1.27	-3.36/-2.14	-1.16/-1.06	2.26/-259	2.64/-27	1.84/-206	3.29/-97	2.29/-1.61	0.510	-0.71/-1.72	-2.38/-2.74	-3.2/-3.7	-3.73/-4.85	-4.9/-4.38	-3.59/-11.22	-11.68/-10.45	-13.71/-8.04	-5.11/-3.66	-2.33/-1.11	-0.880/-09	0.28/-0.72	
Θ(37.5°)	-0.43/-0.91	-0.63/-3.33	-3.85/-6.4	-7.64/-9.96	-4.06/-2.03	-2.12/-2.02	-1.39/-2.75	-3.09/-1.28	-0.75/-0.31	1.31/-2.1	2.04/-0.5	-2.64/-4.23	-3.88/-5.05	-3.9/-4.22	-5.18/-6.48	-4.66/-5.34	-6.1/-5.65	-8.11/-10.32	-8.96/-10.09	-5.61/-2.13	0.20/-62	-0.3/-1.23	-0.85/-0.63	
Θ(45°)	-1.23/-2.49	-4.24/-4.42	-6.81/-9.04	-13.49/-17.85	-11.98/-10.31	-8.15/-5.08	-3.54/-4.35	-3.48/-2.64	-2.79/-0.54	1/-0.15	-1.55/-1.9	-2.96/-5.28	-7.01/-8.22	-7.2/-5.6	-7.74/-9.76	-9.66/-6.35	-9.33/-7.55	-8.37/-8.85	-6.46/-7.01	-7.08/-4.91	-4.7/-2.44	0.350/-17	-0.03/-0.39	0.37/-1.28
Θ(52.5°)	0.19/-0.38	-3.14/-4.85	-9.89/-9.62	-7.77/-9.07	-8.37/-10.8	-10.08/-4.35	-2.34/-5.42	-4.36/-2.82	-0.12/-0.02	-2.33/-1.88	-2.64/-3.16	-6.92/-10.52	-10.77/-10.55	-7.08/-8.62	-16.02/-10.28	-16.34/-14.21	-6.55/-4.58	-3.86/-3.98	-5.82/-5.43	-4.1/-2.05	-0.910/9	2.480/-77	0.280/-07	
Θ(60°)	0.22/-0.73	-2.9/-4.87	-6.39/-4.87	-5.34/-4.36	-3.95/-5.85	-6.65/-1.86	-3.85/-5.18	-3.83/-3.03	-3.60/-0.56	-2.23/-4.67	-6.85/-7.58	-16.93/-12.89	-16.91/-11.59	-12.24/-12.25	-9.46/-14.25	-18.29/-16.11	-8.44/-7.78	-3.26/-2.01	-6.02/-4.87	-2.54/-0.01	-0.04/-1.12	-0.80/-0.9		
Θ(67.5°)	-1.26/-4.79	-5.36/-6.05	-5.1/-3.51	-3.97/-3.14	-3.09/-5.73	-3.92/-3.86	-3.22/-4.46	-5.04/-4.58	-3.68/-3.32	-3.55/-5.4	-8.42/-11.78	-17.84/-15.77	-14.51/-12.15	-11.8/-8.48	-6.82/-5.51	-8.5/-14.3	-13.01/-12.85	-10.25/-6.61	-3.75/-4.51	-5.57/-10.69	-9.49/-6.57	-6.04/-1.49	-1.710/89	0.810/35
Θ(75°)	-3.26/-4.57	-3.85/-6.53	-5.77/-3.25	-3.71/-3.41	-4.58/-3.28	-3.49/-3.76	-1.92/-3.47	-1.42/-2.96	-2.68/-2.91	-3.46/-5.66	-8.01/-11.45	-8.29/-13.43	-9/-10.75	-11.17/-6.57	-7.75/-9.48	-7.81/-12.07	-8.96/-9.35	-6.95/-7.07	-3.38/-4.26	-2.55/-6.04	-8.71/-9.56	-10.67/-3.27	-0.59/-1.61	0.82/-1.83
Θ(82.5°)	-4.64/-3	-2.07/-5.26	-5.03/-4.73	-4.86/-3.15	-4.12/-3.27	-0.76/-4.33	-1.98/-3.47	-1.31/-2.49	-4.02/-3.52	-4.79/-6.95	-8.72/-11.78	-8.02/-9.91	-8.04/-10.08	-9.43/-8.06	-6.13/-5.72	-8.73/-10.59	-8.14/-7.99	-5/-4.58	-1.68/-2.21	-2.58/-3.2	-6.11/-14.8	-10.78/-2.77	-0.330/52	-2.1/-6.09
Θ(90°)	-5.32/-2.47	-1.98/-4.93	-4.2/-5.19	-6.1/-3.86	-4.31/-3.18	-1.56/-3.38	-1.58/-2.45	-1.3/-2.05	-4.99/-3.73	-5.81/-7.11	-7.52/-8.14	-6.54/-6.97	-6.03/-9.01	-5.61/-6.93	-8.17/-11.89	-10.11/-11.19	-7.39/-4.66	-1.79/-3.12	-5.36/-3.07	-8.95/-11.91	-10.18/-5.14	-2.2/-2.68	-5.84/-7.82	
Θ(97.5°)	-5.21/-2.6	-3.71/-6.54	-4.92/-6.12	-6.68/-4.4	-3.99/-2.19	-2.37/-1.44	-1.46/-2.45	-2.04/-2.55	-5/-5.59	-6.13/-6.89	-9.83/-8.3	-10.19/-8.5	-6.75/-9.81	-5.89/-9.59	-7.65/-9.97	-12.91/-11.72	-16.64/-17.33	-7.53/-9.68	-6.35/-8.17	-8.12/-7.3	-13.08/-13.3	-13.98/-9.23	-3.62/-5.45	-7.82/-9.08
Θ(105°)	-6.17/-5.89	-7.29/-10.04	-6.87/-8.27	-6.62/-5.37	-5.5/-4.52	-3.95/-2.35	-3.85/-3.86	-3.42/-2.84	-2.64/-6.62	-6.76/-7.61	-7.98/-10.83	-9.6/-14.11	-10.14/-10.6	-7.06/-4.27	-11.55/-10.38	-13.88/-11.22	-13.43/-8.3	-9/-17.92	-7.19/-6.17	-12.68/-12.7	-9.45/-17.79	-13.8/-10.76	-6.37/-5.66	-9.28/-10.32
Θ(112.5°)	-15.39/-11.11	-16.15/-18.32	-9.31/-9.86	-8.1/-28	-5.73/-4.33	-5.61/-2.62	-4.51/-5.23	-4.12/-2.94	-6.67/-7.68	-8.88/-7.33	-9.61/-10.73	-13.48/-15.29	-13.77/-15.66	-10.87/-17.7	-14.12/-10.83	-13.97/-10.84	-18.92/-12.26	-16.57/-11.41	-9.29/-10.89	-9.17/-11.09	-18.37/-14.04	-12.13/-8.14	-6.41/-7.34	-12.27/-16.19
Θ(120°)	-15.36/-13.17	-18.79/-15.41	-11.35/-10.66	-9.97/-7.71	-6.07/-6.08	-5.72/-3.22	-4.31/-4.83	-5.23/-6.04	-4.8/-7.37	-8.5/-8.19	-11.18/-9.5	-9.41/-12.44	-13.94/-12.51	-11.31/-11.39	-14.81/-8.59	-16.96/-12.43	-15.7/-18.06	-16.94/-17.19	-15.82/-11.19	-13.56/-9.17	-18.09/-13.13	-18.27/-12.76	-1.259/-16.3	-18/-15.98
Θ(127.5°)	-10.36/-13.35	-14.93/-14.73	-13.26/-11.9	-11.64/-9.77	-7.59/-7.15	-6.51/-4.82	-5.04/-7.28	-6.81/-7.88	-5.85/-7.85	-8.21/-9.62	-10.03/-11.05	-12.02/-13.21	-11.93/-11.68	-10.42/-11.52	-16.13/-14.68	-19.07/-18.68	-18.2/-18.54	-14.61/-13.39	-11.01/-14.68	-16.09/-17.47	-18.69/-17.92	-13.41/-12.48	-16.73/-16.43	-13.69/-12.69
Θ(135°)	-15.26/-17.06	-16.06/-17.8	-16.2/-12.7	-12.55/-8.02	-6.49/-9.39	-8.75/-4.66	-5.34/-7.12	-7.68/-8.55	-9.64/-8.87	-9.73/-8.91	-10.11/-10.79	-13.52/-18.2	-18.53/-14.57	-14.53/-15.88	-12.73/-18.31	-13.53/-12.71	-13.27/-19.35	-17.18/-10.02	-14.46/-18.68	-15.14/-9.31	-13.73/-10.75	-10.46/-11.26	-12.41/-16.17	-17.57/-16.14
Θ(142.5°)	-17.13/-17.49	-17.91/-17.36	-14.18/-14.8	-9.72/-8.9	-10.4/-10.42	-7.35/-6.63	-7.13/-6.72	-8.99/-8.55	-10.46/-10.9	-8.83/-8.49	-10.5/-8.45	-12.61/-13.68	-13.14/-14.97	-14.72/-13.73	-10.88/-12.18	-11.6/-13.47	-14.92/-17.47	-16.62/-17.21	-18.84/-18.85	-18.17/-18.56	-18.44/-18.55	-16.87/-17.95	-17.72/-17.11	-17/-18.21
Θ(150°)	-14.44/-15.84	-18.85/-18.83	-14.81/-14.9	-12.71/-9.95	-11.41/-10.04	-7.44/-7.42	-7.96/-9.87	-9.74/-7.85	-8.35/-9.57	-10.64/-10.53	-10.19/-10.44	-12.09/-15.64	-12.29/-13.88	-14.22/-13.78	-12.02/-10.75	-15.36/-16.64	-18.67/-17.97	-16.57/-16.84	-16.41/-18.03	-14.85/-16.36	-18.53/-18.59	-18.44/-18.44	-14.61/-14.66	-14.23/-13.5
Θ(157.5°)	-18.98/-18.52	-17.47/-16.07	-15.12/-17.39	-14.12/-14.53	-13.15/-10.93	-11.87/-11.63	-11.86/-12.27	-11.32/-12.39	-10.71/-10.42	-11.65/-13.21	-13.61/-13.65	-14.82/-14.88	-18.71/-17.04	-18.1/-18.4	-19.42/-19.18	-16.42/-18.8	-18.21/-18.4							



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(165°)	-17.26/-18.2	-18/-17.96	-18.18/-17.83	-17.77/-16.02	-18.1/-18.48	-17.7/-15.58	-14.97/-14.98	-16.91/-17.85	-17.87/-18.87	-18.8/-18.36	-18.72/-18.84	-18.15/-18.62	-18.21/-18.13	-18.67/-18.22	-18.85/-18.67	-19.03/-17.64	-19.27/-19.01	-18.72/-17.39	-18.01/-15.67	-15.98/-18.99	-18.99/-17.76	-18.04/-18.52	-18.76/-18.37	-18.97/-18.49
Θ(172.5°)	-17.13/-18.27	-18.71/-17.98	-17.64/-18.18	-17.41/-15.75	-15.99/-15.49	-15.96/-17.56	-18.7/-18.52	-17.36/-17.97	-18.47/-18.74	-17.58/-17.7	-19.06/-18.22	-18.32/-18.71	-17.44/-18.93	-17.2/-16.41	-17.56/-19.08	-18.36/-18.02	-18.05/-19.11	-17.69/-18.11	-18.82/-17.88	-18.12/-19.2	-17.91/-18.2	-17.78/-18.2	-18.09/-17.72	-17.65/-17.95
Θ(180°)	-18.71/-17.54	-17.5/-18.67	-17.83/-17.51	-19.3/-17.49	-16.83/-17.49	-17.85/-17.37	-16.41/-18.57	-18.67/-17.64	-18.15/-18.28	-17.52/-16.76	-17.97/-18.88	-18.58/-18.73	-17.1/-16.67	-19.03/-18.62	-17.74/-18.31	-18.34/-18.65	-19.04/-17.94	-18.63/-16.32	-15.63/-15.78	-15.66/-16.08	-17.55/-18.18	-17.88/-18.69	-18.93/-18.72	-17.15/-18.13
Freq(Hz)	5.2GPol	ThetaAnt.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-3.92/-4.18	-5.1/-5.58	-5.65/-5.63	-5.48/-5.97	-6.03/-5.35	-5.56/-5.67	-5.43/-4.99	-4.61/-5.72	-4.47/-4.49	-4.8/-4.54	-4.43/-4.11	-5.66/-3.59	-3.78/-4.65	-3.73/-3.29	-4.47/-4.36	-3.49/-4.9	-3.24/-4.83	-5.06/-5.74	-6.42/-6.13	-5.74/-5.84	-5.94/-5.84	-5.72/-5.68	-5.31/-4.86	-5.03/-4.63
Θ(7.5°)	-5.95/-5.36	-4.93/-4.74	-4.39/-3.11	-2.87/-3.22	-3.48/-3.72	-3.22/-4.5	-5.98/-5.45	-5.3/-5.76	-4.25/-4	-4.08/-4.07	-4.52/-5.03	-6.25/-6.32	-6.76/-9.05	-9.19/-7.23	-7.53/-8.99	-7.33/-6.29	-6.56/-6.31	-5.49/-5.48	-5.57/-5.4	-5.41/-5.64	-6.43/-7.04	-8/-8.25	-7.65/-7.67	-7.14/-6.58
Θ(15°)	-2.31/-1.95	-2.23/-2.86	-3.35/-3.1	-2.74/-3.22	-2.59/-2.21	-1.02/-0.76	-1.59/-1.97	-2.68/-1.7	-4.84/-4.54	-3.32/-3.12	-4.12/-5.59	-8.16/-10.97	-9.82/-9.15	-10.4/-9.24	-7.35/-8.02	-9.35/-6.94	-5.72/-6	-4.58/-4.01	-4.01/-4.55	-4.83/-4.59	-5.7/-5.77	-6.02/-6.25	-6.35/-5.04	-3.83/-3.19
Θ(22.5°)	-1.35/-0.82	-1.17/-1.76	-2.12/-2.64	-2.6/-2.19	-2.62/-2.69	-1.56/-1.21	-2.22/-2.54	-2.08/-2.16	-2.58/-3.62	-4.16/-4	-4.97/-4.76	-6.69/-6.68	-7.66/-9.55	-11.66/-12.53	-11.13/-11.28	-11.4/-9.84	-8.05/-9.53	-9.09/-6.95	-5.13/-5.08	-5.49/-6.69	-6.88/-5.05	-3.32/-3.36	-4.31/-3.87	-3.2/-2.1
Θ(30°)	-1.53/-0.95	-0.98/-1.31	-1.22/-0.6	0.01/-0.16	-1.04/-3.64	-5.12/-2.78	-1.61/-2.23	-2.63/-2.05	-0.73/-1.77	-4.24/-3.79	-5.49/-6.2	-5.29/-6.41	-10.81/-13.03	-12.29/-16.63	-18.88/-18.11	-16.1/-13.75	-11.18/-8.63	-7.45/-9.21	-9.43/-6.83	-4.48/-3.79	-6.28/-7.4	-4.37/-3.93	-5.48/-5.85	-4.54/-2.88
Θ(37.5°)	-1.05/-1.13	0.82/-0.05	1/1.61	1.04/-1.61	1.77/0.63	-0.35/-0.91	-0.99/-2.72	-1.14/-2.33	-3.68/-1.88	-5.07/-7.45	-4.12/-3.19	-4.53/-8.1	-12.48/-10.86	-13.02/-10.1	-14.06/-14.38	-12.9/-15.78	-10.17/-10.92	-12.39/-9.07	-7.01/-3.74	-2.95/-5.08	-5.05/-6.07	-5.56/-2.51	-1.98/-2.61	
Θ(45°)	-0.032/49	2.051/94	3.573/79	2.211/66	2.031/4	-0.370/81	1.590/1	0.910/74	-1.07/-2.64	-4.62/-0.91	-3.1/-4.6	-3.27/-1.19	-1.91/-7.4	-8.44/-9.54	-9.55/-8.73	-13.59/-12.78	-10.31/-10.58	-10.57/-12.64	-18.07/-12.16	-13.93/-9.97	-4.41/-3.62	-3.42/-5.04	-4.11/-0.57	-0.36/-2.48
Θ(52.5°)	-0.94/-1.51	1.932/89	3.744/24	4.714/12	2.972/87	0.6/-0.19	1.260/51	0.231/18	-0.59/-2.19	-1.11/-0.46	-3.83/-2.51	-4.04/-1.41	-3.6/-8.93	-6.41/-8.87	-9.54/-9.51	-9.32/-10.14	-10.23/-10.14	-9.48/-7.46	-12.01/-12.22	-8.54/-17.48	-5.83/-4.5	-3.63/-4.57	-5.21/-3.21	-2.39/-2.97
Θ(60°)	-0.75/-1.03	1.742/52	3.063/2	4.564/57	2.271/68	-0.08/-0.74	-1.1610.15	-1.71/-4.02	-1.06/-2.24	0.381/08	-5.99/-2.1	-4.05/-2.06	-1.89/-1.77	-6.86/-8.82	-16.36/-12.47	-10.16/-11.37	-8.99/-3.71	-7.74/-4.22	-7.48/-11.76	-7.47/-12.58	-8.24/-4.51	-3.98/-6.4	-8.34/-4.81	-2.13/-1.29
Θ(67.5°)	0.841/56	0.252/34	3.312/58	3.634/42	3.332/09	-2.44/-1.95	-0.371/55	0.222/0.82	-2.64/-2.45	1.811/62	-6.45/-3.01	-3.69/-2.75	-1.24/-1.57	-9.61/-13.16	-18.61/-10.31	-12.94/-12.3	-9.49/-6.26	-5.85/-3.87	-7.57/-12.71	-8.94/-10.59	-5.14/-7.56	-5.39/-1.93	-0.37/-1.27	
Θ(75°)	1.40/93	-2.771/38	2.231/87	1.883/23	2.421/64	-2.59/-2.74	1.422/37	2.10/14	-1.47/-3.04	-0.81/-1.58	-5.81/-3.32	-1.72/-3.4	-1.22/-6.46	-14.33/-14.93	-18.1/-10.52	-14.5/-15.58	-10.65/-5.52	-6.58/-2.83	-4.82/-13.17	-9.44/-15.52	-7.55/-4.22	-6.08/-6.56	-2.13/-0.8	-0.12/-1.13
Θ(82.5°)	0.49/-0.6	-4.21/-0.15	-0.54/0.4	0.380/58	-0.83/-0.83	-2.16/-2.85	1.912/38	1.7/-0.26	-1.91/-2.89	-1.61/-0.29	-5.83/-3.76	-1.79/-4.45	-3.25/-15.24	-17.44/-19.95	-19.04/-12.97	-13.07/-17.77	-10.12/-8.54	-8.88/-3.92	-4.86/-9.76	-13.72/-16.74	-7.57/-4.22	-6.55/-5.97	-1.46/-1.39	-1.25/0
Θ(90°)	-1.15/-2.49	-5.01/-2.12	-3.95/-1.41	-0.28/-2.41	-5.01/-4.57	-3/-0.36	0.551/29	0.69/-1.5	-2.31/-3.56	-2.45/-1.13	-6.02/-4.96	-2.74/-5.52	-4.87/-11.34	-16.44/-17.66	-18.35/-12.8	-13.99/-11.61	-11.26/-6.69	-8.21/-9.26	-13.55/-18.38	-9.69/-6.79	-7.8/-6.58	-2.73/-3.14	-3.68/-2.03	
Θ(97.5°)	-4.61/-5.56	-7.6/-5.44	-7.14/-3.37	-7.5/-5.75	-7.13/-5.98	-4.82/-4.17	-1.85/-0.44	-2.29/-4.19	-4.6/-3.7	-3.96/-2.73	-6.5/-6.49	-4.53/-7.89	-8.75/-18.4	-16.75/-18.33	-18.1/-11.64	-13.42/-12.57	-11.58/-9.18	-13.03/-8.42	-7.14/-10.35	-17.91/-17.64	-14.06/-10.83	-10.1/-9.7	-6.22/-5.47	-9.11/-4.73
Θ(105°)	-9.28/-17.3	-18.19/-8.55	-10.1/-5.12	-13.89/-6.66	-7.21/-7.21	-8.27/-1.36	-5.31/-2.85	-6.47/-7.04	-5.81/-5.68	-4.67/-4.26	-8.6/-97	-6.58/-9.96	-10.99/-17.22	-18.68/-19.99	-17.75/-18.75	-10.43/-10.71	-13.5/-13.93	-12.77/-8.89	-7.93/-16.78	-16.99/-17.59	-16.15/-15.82	-16.44/-19.02	-12.51/-8.63	-15.27/-8.53
Θ(112.5°)	-10.05/-10.02	-18.36/-13.3	-9.75/-6.25	-9.91/-7.14	-10.93/-13.18	-18.16/-14.82	-9.58/-15.41	-15.05/-14.25	-6.74/-6.68	-6.42/-4.84	-9.57/-8.5	-13.63/-14.75	-14.71/-17.29	-18.53/-18.24	-17.49/-16.31	-14.58/-12.44	-18.93/-12.05	-10.5/-8.19	-10.29/-15.96	-18.04/-16.51	-18.73/-14.49	-17.12/-18.39	-17.66/-12.04	-14.77/-11
Θ(120°)	-9.25/-10.59	-13.57/-17.71	-12.25/-10.5	-11.96/-12.91	-18.94/-16.97	-9.85/-9.86	-10.63/-16.81	-16.9/-12.86	-6.5/-10.2	-7.54/-8.7	-8.96/-8.65	-6.98/-15.03	-11.6/-17.79	-17.39/-17.23	-18.39/-18.78	-13.63/-13.47	-11.22/-13.45	-11.54/-13.92	-9.39/-14.59	-13.51/-17.14	-18.24/-14.18	-14.07/-15.62	-18.3/-14.29	-10.8/-14.12
Θ(127.5°)	-15.82/-13.41	-14.88/-18.68	-18.21/-14.09	-9.62/-16.15	-14.59/-12.76	-6.83/-6.68	-9.14/-9.53	-13.8/-19.55	-8.22/-12.93	-9.68/-12.92	-9.62/-8.72	-11.35/-14.9	-9.56/-18.44	-18.92/-18.24	-18.26/-14.56	-9.32/-15.29	-15.11/-18.54	-17.53/-9.39	-8.75/-14.68	-14.48/-19.37	-18.42/-17.82	-17.42/-16.83	-16.56/-17.32	-18.36/-17.85
Θ(135°)	-11.83/-11.53	-13.71/-18.29	-17.35/-13.88	-10.27/-18.42	-13.48/-14.19	-10.38/-10.63	-10.56/-10.34	-10.44/-13.08	-13.99/-17.44	-15.47/-13.84	-14.47/-13.84	-16.46/-16.11	-17.07/-18.4	-18.43/-18.1	-16.73/-11.63	-11.04/-16.36	-15.74/-18.2	-16.29/-9.86	-9.65/-17.63	-16.27/-16.66	-13.9/-15.14	-19.03/-18.84	-18.24/-16.73	-11.5/-12.47
Θ(142.5°)	-16.04/-13.64	-14.06/-18.32	-19.34/-16.64	-14.78/-16.87	-17.79/-17.36	-14.26/-17.34	-16.04/-17.83	-18.56/-18.79	-18.42/-14.73	-14.78/-16.38	-17.95/-14.51	-17.24/-18.3	-16.59/-18.41	-18.01/-16.61	-15.37/-13.97	-13.42/-16.47	-18.09/-18.04	-19.64/-13.59	-12.31/-15.14	-17.43/-16.81	-17.15/-15.07	-18.75/-17.19	-18.12/-19	-17.59/-16.26
Θ(150°)	-19.16/-14.93	-19.03/-18.65	-13.99/-13.95	-13.92/-13.21	-18.75/-18.04	-12.65/-16.84	-17.11/-18.54	-18.45/-19.02	-17.61/-18.25	-17.61/-18.25	-13/-13.37	-15.28/-18.28	-17.49/-16.78	-18.02/-18.36	-18.81/-16.46	-16.59/-17.83	-18.12/-18.01	-16.36/-14.18	-13.66/-14.8	-17.26/-17.51	-17.93/-15.06	-18.25/-18.07	-15.8/-18.11	-17.92/-17.98
Θ(157.5°)	-16.23/-16.54	-19.05/-18.15	-17.7/-17.3	-18.38/-17.9	-17.85/-18.46	-17.36/-16.18	-17.04/-15.46	-16.12/-19.87	-17.98/-17.29	-17.79/-17.81	-16.77/-18.46	-16.86/-19.01	-17.78/-18.75	-17.69/-18.13	-17.33/-18.65	-17.97/-17.89	-18.4/-19	-18.62/-18.1	-19.15/-18.62	-18.04/-17.3	-17.25/-18.7	-18.56/-18.05	-18.21/-9.77	
Θ(165°)	-18.77/-18.12	-18.35/-19.01	-17.12/-15.85	-16.81/-16.61	-14.89/-16.81	-18.81/-18.23	-18.7/-19.01	-17.74/-17.86	-18.19/-15.21	-14.46/-16.68	-17.61/-17.64	-17.97/-18.06	-17.68/-18.58	-18.35/-18.46	-18.14/-18.29	-18.87/-19.19	-18.93/-15.62	-14.66/-15.48	-15.47/-16.22	-17.94/-19.27	-18.07/-18.71	-17.78/-17.88	-14.84/-15.25	-18.4/-17.58
Θ(172.5°)	-18.43/-18.01	-18.81/-18.97	-17.41/-19.06	-18.57/-18.68	-18.71/-17.02	-14.84/-14.48	-15.41/-17.29	-18.25/-15.21	-13.47/-14.71	-14.52/-18.55	-18.24/-18.3	-18.97/-18.57	-18.81/-7.52	-18.09/-18.65	-17.04/-11.77	-12.56/-13.18	-11.49/-11.49	-11.61/-12.08	-13.65/-15.12	-18.06/-17.87	-19.21/-18.99	-17.74/-17.66	-18.33/-18.25	-18.79/-18.19
Θ(180°)	-15.51/-15.43	-15.27/-15.41	-16/-16.53	-18.46/-18.79	-17.5/-17.87	-19.01/-17.66	-17.23/-17.52	-18.75/-18.82	-18.51/-17.81	-17.34/-18.86	-18.68/-18.28	-17.43/-17.56	-16.41/-15.99	-13.21/-12.76	-14.74/-13.27	-13.86/-15.3	-15.78/-15.52	-14.9/-15.79	-17.41/-19.26	-18.65/-18.47	-18.56/-18.76	-18.83/-17.38	-17.92/-18.72	-18.1/-18.57
Freq(Hz)	5.3GPol	PhiAnt.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-3.66/-3.14	-2.99/-3.03	-2.69/-2.81	-2.95/-2.94	-3.01/-3.22	-4.71/-5.85	-4.48/-4.86	-5.2/-5.1	-4.81/-4.97	-5.49/-4.91	-5.39/-5.38	-5.34/-4.91	-5.41/-5.33	-3.99/-3.08	-3.58/-3.8	-3.03/-3.07	-3.23/-2.91	-4.08/-4.12	-4.4/-4.69	-5.04/-5.89	-6.16/-5.8	-4.95/-5.2	-5.06/-4.55	
Θ(7.5°)	-6.6/-6.23	-6.68/-7.85	-8.72/-8.17	-8.25/-8.58	-7.41/-6.48	-6.39/-6.32	-5.79/-5.25	-5.32/-6.75	-7.7/-8.06	-7.61/-6.26	-5.15/-3.99	-2.98/-2.58	-2.64/-2.83	-2.79/-1.83	-1.78/-2.39	-2.45/-2.38	-2.97/-3.72	-3.88/-4.32	-5.01/-5.18	-5.44/-5.16	-4.98/-5.21	-5.42/-5.37	-5.35/-5.4	-5.41/-5.81
Θ(15°)</																								



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(15°)	1.631/9	1.952/47	2.963/1	3.883/95	3.552/93	2.992/67	2.050/95	-0.72/2.36	-3.73/4.94	-6.57/8.11	-10.61/10.56	-8.02/6.44	-5.47/3.44	-2.95/-2.81	-2.1/-2.07	-2.59/-2.07	-1.59/-1.93	-1.8/-1.56	-1.36/-1.77	-2.16/-2.85	-3.83/-4.07	-3.44/-1.64	-0.17/0.35	0.71/1.22
Θ(22.5°)	1.362/46	3.483/65	3.724/44	4.684/29	3.992/94	1.561/42	0.27/-0.74	-1.47/-1.22	-2.64/-4.31	-5.61/-8.11	-10.72/-10.38	-9.86/-10.91	-9.96/-6.94	-5.15/-4.49	-3.3/-2.84	-2.82/-2.27	-2.29/-1.67	-1.46/-1.96	-1.56/-0.88	-0.87/-0.86	-1.18/-1.57	-2.18/-2.44	-1.69/-1.09	0.49/0.91
Θ(30°)	2.643/08	3.013/42	3.734/03	3.923/29	2.962/17	0.48/0.05	-1.21/-3.22	-5.04/-4.28	-2.7/-3.72	-5.34/-8.3	-10.95/-15.05	-17.95/-16.02	-10.95/-16.02	-17.95/-16.02	-10.95/-16.02	-8.85/-9.95	-5.16/-4.93	-4.02/-2.74	-2.71/-1.95	-0.92/-0.66	-0.53/-0.56	-0.43/-0.37	-0.78/-0.65	1.07/1.92
Θ(37.5°)	2.342/56	2.653/54	4.014/02	4.153/76	2.571/46	-0.37/-1.06	-1.31/-3.77	-3.82/-5.27	-2.91/-3.06	-3.79/-3.2	-2.69/-4.29	-7.63/-8.13	-11.43/-18.97	-17.43/-17.5	-16.46/-12.25	-9.33/-7.29	-3.66/-2.96	-2.07/-1.63	-0.9/-0.69	-0.12/-0.29	-0.21/16	0.92/0.33	0.150/97	
Θ(45°)	0.791/06	2.193/75	4.064/17	4.314/21	3.152/42	-0.55/-4.47	-4.2/-3.78	-5.25/-4.32	-2.55/-1.89	-1.68/-1.84	-2.39/-3.25	-2.82/-4.52	-6.59/-10.68	-12.04/-14.53	-15.61/-13.31	-13.12/-6.87	-6.51/-3.12	-3.37/-1.34	-0.69/-1.66	-2.98/-2.36	-1.07/-0.32	-0.95/0.04	0.26/0.98	-0.18/-0.23
Θ(52.5°)	-0.110/81	1.31/94	2.732/6	2.634/84	2.910/49	-1.13/-0.22	-5.04/-2.86	-2.72/-1.96	-1.14/-1.55	-0.62/0.03	-0.87/-0.26	-0.65/-4.84	-6.43/-6.31	-6.39/-5.12	-4.56/-4.03	-2.85/-2.62	-1.21/-2.58	-0.71/-0.42	-1.29/-2.32	-1.86/-1.88	-2.92/-1.49	-1.40/-47	0.67/0.46	
Θ(60°)	-2.37/-0.53	1.520/23	2.012/34	2.662/62	1.46/-1.6	-3.45/-4.36	-3.4/-4.11	-3.47/-1.65	-0.54/0.68	0.12/-0.23	-0.14/-0.21	0.34/-3.1	4.96/-3.4	-2.97/-5.45	-5.2/-2.92	-3.42/-3.4	-2.93/-2.12	-0.37/-3.03	-1.82/-0.87	-0.68/-1.94	-1.13/-3.58	-3.6/-1.61	-3.15/-3.05	-1.32/-0.88
Θ(67.5°)	-8.61/-4.06	-0.28/0.26	1.450/75	2.2/0.85	0.54/-1.82	-4.34/-7.77	-7.38/-5.5	-4.54/-2.69	-0.72/0.97	1.02/-0.19	0.56/0.13	-0.93/-2.77	-4.62/-2.22	-2.41/-7.8	-3.64/-1.36	-1.67/-2.53	-3.4/-3.56	-0.05/-0.54	-0.8/-1.39	-1.25/-1.19	-0.53/-2.93	-2.54/-1.51	-4.96/-3.95	-2.55/-1.88
Θ(75°)	-7.1/-10.41	-5.21/-2.23	-0.9/-2.59	-0.41/-0.6	-0.28/-2.04	-6.82/-12.95	-11.67/-4.57	-4.26/-1.34	-2.34/0.51	0.41/-0.71	0.45/0.08	-1.26/-2.17	-4.68/-2.83	-3.31/-3.26	-2.33/-1.38	-0.7/-3.89	-3.34/-4.9	-0.01/1.08	0.41/-1.55	-1.44/-0.98	-0.32/-2.61	-1.39/-0.38	-5.65/-3.06	-3.14/-2.46
Θ(82.5°)	-5.4/-18.01	-9.75/-4.42	-4.42/-3.33	-2.41/-2.4	-2.95/-5.26	-18.06/-18.06	-9.88/-3.4	-3.2/-0.45	-2.51/0.04	-0.2/-1.18	0.10/21	-2.37/-2.69	-3.32/-3.3	-2.68/-3.47	-3.17/-0.97	-0.73/-4.92	-3.99/-4.25	-0.5/0.7	0.96/-1.31	-2.27/-2.06	-1.47/-2.66	-0.75/-0.63	-4.41/-1.89	-3.55/-3.97
Θ(90°)	-5.4/-19.01	-10.26/-9.24	-5.97/-4.34	-4.01/-3.74	-5.08/-10.27	-18.61/-18.91	-12.03/-3.43	-4.19/-1.9	-3.2/-1.43	-1.69/-1.61	-0.75/-0.81	-2.82/-3.03	-3.88/-3.31	-4.05/-2.71	-2.26/-5.05	-5.09/-5.59	-2.64/-0.59	-1.19/-2.67	-4.37/-0.46	-2.72/-3.75	-3.09/-1.66	-6.12/-4.92	-1.40/-47	-1.59/-18.54
Θ(97.5°)	-6.43/-18.45	-9.36/-11.78	-7.85/-8	-8.86/-6.8	-8.55/-11	-13.79/-18.72	-10.24/-39	-5.08/-4.76	-3.28/-2.72	-2.6/-3.24	-1.42/-2.58	-2.56/-3.97	-3.79/-2.89	-4.98/-4.16	-3.78/-4.49	-2.85/-4.98	-4.87/-8.41	-4.75/-5.77	-10.78/-5.85	-4.58/-0.66	-7.46/-5.12	-10.98/-8.98	-11.62/-7.1	
Θ(105°)	-15.92/-17.09	-18.04/-18.49	-14.67/-18	-14.49/-10.79	-8.98/-9.51	-12.03/-12	-14.09/-6.52	-6.12/-8.05	-4.51/-6.65	-4.57/-2.85	-3.32/-3.37	-3.88/-4.38	-4.19/-4.9	-4.99/-6.16	-5.45/-4.36	-4.42/-7.26	-7.89/-4.98	-5.69/-5.16	-3.71/-5.5	-14.5/-5.6	-4.92/-11.64	-10.03/-7.59	-18.49/-15.22	-13.65/-10.17
Θ(112.5°)	-18.14/-18.12	-18.12/-14.28	-13.6/-49	-5.94/-8.49	-11.43/-10.75	-12.33/-12.06	-10.89/-6.32	-8.49/-13.06	-6.74/-6.06	-6.55/-4.65	-2.46/-3.89	-6.85/-4.53	-6.05/-4.51	-4.19/-5.6	-5.09/-4.57	-3.84/-5.64	-5.97/-4.33	-13.16/-6.42	-5.52/-8.88	-9.93/-11.25	-13.4/-18.49	-17.59/-18.54		
Θ(120°)	-17.13/-14.72	-17.57/-9.16	-13.09/-10.72	-12.31/-11.16	-13.39/-18.05	-18.92/-17.18	-15.71/-13.23	-15.66/-16.98	-9.91/-9.02	-6.48/-6.28	-4.95/-5.28	-7.04/-5.39	-12.85/-4.27	-6.69/-9.03	-4.6/-6.58	-5.59/-4.63	-11.35/-15.23	-7.78/-6.1	-7.14/-7.94	-12.77/-12.44	-11.17/-14.42	-14.99/-18.06	-11.98/-18.7	
Θ(127.5°)	-19.03/-18.27	-16.63/-13.06	-16.98/-14.29	-11.56/-14.86	-17.71/-17.72	-18.45/-13.41	-12.79/-15.67	-18.93/-12.14	-9.38/-11.98	-7.07/-6.79	-6.73/-7.08	-5.82/-6.72	-6.87/-5.28	-9.25/-6.12	-7.08/-11.92	-5.66/-6.06	-10.62/-18.45	-10.8/-7.42	-8.12/-8.14	-14.85/-9.74	-5.45/-8.15	-12.87/-13.94	-11.39/-9.58	-18.68/-16.06
Θ(135°)	-8.24/-10.61	-12.86/-12.08	-10.87/-8.86	-3.1/-18.6	-18.46/-16.64	-18.34/-14.89	-12.91/-14.33	-13.6/-15.18	-10.95/-10.34	-10.31/-11.99	-8.95/-7.72	-9.77/-12.26	-7.91/-10.94	-12.89/-9.54	-14.92/-10.22	-5.29/-5.39	-8.38/-5.46	-6.33/-8.66	-9.41/-7.4	-15.56/-14.75	-6.43/-14.51	-17.66/-10.92	-12.51/-8.59	
Θ(142.5°)	-18.45/-17.79	-18.16/-17.42	-13.01/-17.03	-18.73/-17.6	-18.91/-18.52	-18.81/-18.19	-18.87/-18.11	-18.68/-18.67	-15.08/-11.03	-12.52/-9.24	-8.36/-11.08	-9.31/-10.06	-7.86/-7.17	-6.68/-6.38	-4.8/-8.83	-13.03/-17.66	-10.64/-9.07	-8.47/-14.37	-18.01/-17.85	-8.71/-9.66	-8.22/-14.74	-18.17/-12.44	-17.64/-17.54	
Θ(150°)	-18.53/-18.68	-17.88/-18.73	-16.79/-17.35	-17.42/-18.23	-18.59/-14.1	-17.49/-17.59	-18.1/-18.4	-18.66/-18.91	-18.75/-14.5	-15.37/-13.12	-10.01/-8.44	-7.13/-8.01	-9.59/-8.75	-8.33/-11.66	-12.03/-8.94	-10.92/-9.18	-11.26/-17.54	-11.47/-13.99	-11.18/-10.5	-13.02/-14.09	-13.45/-13.99	-9.37/-12.75	-13.61/-9.04	-10.68/-15.88
Θ(157.5°)	-18.81/-15.55	-14.03/-14.18	-14.61/-12.18	-12.15/-11.3	-11.97/-14.53	-18.32/-18.31	-19.02/-18.65	-17.86/-17.57	-17.46/-18.96	-18.79/-16.87	-17.2/-16.46	-12.52/-11.41	-10.48/-8.23	-9.34/-10.13	-8.99/-13.9	-14.86/-12.73	-16.82/-11.74	-12.13/-13.3	-9.64/-10.14	-12.54/-13.78	-15.66/-15.81	-15.79/-17.42	-16.84/-14.55	-19.03/-19.08
Θ(165°)	-14.83/-14.47	-16.71/-14.16	-18.67/-18.13	-14.31/-13.14	-12.22/-11.99	-14.18/-17.79	-16.99/-18.82	-17.99/-17.23	-14.52/-15.22	-15.71/-17.92	-18.17/-14.45	-13.47/-14.1	-13.99/-14.13	-13.98/-11.89	-13.38/-13.05	-9.71/-10.91	-9.33/-9.99	-11.17/-10.75	-11.74/-14.41	-16.27/-17.7	-18.2/-19.05	-17.93/-14.15	-13.13/-14.73	-18.11/-17.19
Θ(172.5°)	-13.94/-12.53	-11.89/-11.42	-10.14/-8.85	-8.96/-10.12	-10.82/-12.05	-14.36/-18.61	-17.93/-18.87	-18.52/-17.97	-15.97/-16.28	-18.31/-17.14	-16.83/-16.35	-15.79/-17.42	-18.56/-16.91	-14.28/-13.06	-11.28/-10.89	-10.69/-9.95	-10.02/-10.36	-11.45/-12.09	-12.31/-13.09	-14.76/-15.32	-15.49/-16.15	-19.08/-18.11	-14.94/-15.28	
Θ(180°)	-12.47/-10.98	-10.1/-9.76	-9.76/-10.18	-10.67/-10.94	-11.31/-12.71	-13.91/-14.99	-15.84/-17.78	-18.6/-19.27	-18.65/-19.22	-17.74/-15.56	-14.46/-12.33	-11.12/-10.64	-10.74/-11.14	-9.2/-8.43	-9.28/-8.45	-8.32/-8.83	-9.49/-10.34	-11.12/-12.79	-13.72/-15.71	-18.16/-18.79	-18.48/-17.58	-17.34/-18.35	-18.28/-15.36	-14.19/-12.78
Freq(Hz)	6.475GPol.	Phi/Ant. 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Θ(0°)/Θ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	1.290/08	-1.02/-1.54	-1.92/-3.79	-4.35/-3.32	-3.1/-84	-0.53/0.73	1.662/48	2.782/19	3.6/8.85	3.933/62	3.663/5	3.192/21	1.340/54	-0.35/-1.07	-3.58/-4.54	-4.14/-4.27	-3.69/-2.34	-1.99/-0.51	0.56/-1.69	2.382/81	3.343/7	3.682/23	3.123/01	37/35
Θ(7.5°)	1.791/01	-0.12/-1.6	-2.93/-4.13	-5.3/-3.81	-1.98/-0.2	0.54/-1.59	2.23/2.6	3.043/18	3.263/15	3.032/79	2.231/59	0.27/-0.44	-1.67/-3.22	-2.65/-3.48	-2.78/-1.48	-0.82/-0.15	0.68/-2.3	2.282/59	3.523/72	3.863/83	3.633/33	2.872/77	2.72/38	
Θ(15°)	0.89/-1.03	-1.61/-2.02	-3.49/-4.07	-3.97/-2.62	-1.4/-0.79	-0.29/0.29	0.81/39	2.262/59	2.852/81	2.422/34	2.08/1.93	1.421/1	-0.33/-1.24	-1.66/-2.71	-3.28/-2.64	-3.92/-2.83	-1.38/-2.2	-1.06/0.37	0.84/-1.25	2.02/1.98	2.252/54	2.363/	3.07/0.03	3.022/2
Θ(22.5°)	-0.55/-1.25	-2.3/-3.24	-3.96/-4.84	-4.8/-3.53	-2.59/-1.74	-1.0/23	0.7/0.64	1.11/29	1.260/95	1.581/77	1.43/0.6	0.0/09	-0.87/-2.02	-1.9/-1.3	-1.92/-2.04	-1.65/-1.56	-0.57/-0.62	-0.60/-99	0.93/0.46	0.36/0.5	1.04/-1.43	1.19/-1.21	0.96/-1.17	0.82/0.19
Θ(30°)	-1.93/-1.98	-1.98/-3.21	-5.19/-5.34	-4.01/-4.21	-2.55/-0.98	-0.29/0.38	0.53/0.51	0.15/0.42	0.72/0.52	0.59/0.67	-0.22/-0.9	-1.33/-0.71	-0.59/-1.32	-2.23/-2.62	-1.68/-0.41	-0.62/0.29	1.05/0.49	0.76/0.44	0.93/0.88	0.50/24	0.83/0.68	-0.76/-1.99	-2.26/-0.95	-0.26/-1.42
Θ(37.5°)	-2.14/-1.99	-2.03/-4.25	-7.52/-9.9	-7.21/-4.43	-3.21/-2.66	-2.1/-1.65	-1.21/-0.74	-1.99/-3	-1.4/-0.85	-1.0/-9.7	-1.45/-1.82	-2.03/-1.64	-1.45/-1.6	-0.51/0.34	-0.82/0.46	0.07/0.18	-0.28/-0.82	-1.83/-0.38	0.44/0.43	-0.32/-1.45	-2.49/-3	-3.3/-3.7	-2.94/-3.06	
Θ(45°)	-3.21/-4.12	-5.66/-7.06	-10.63/-11.2	-12.04/-5.19	-3.35/-2.77	-3.09/-3.92	-4.45/-3.74	-3.68/-5.85	-4.72/-3.7	-2.97/-3.14	-2.92/-3.37	-3.68/-2.75	-2.1/-1.2	-2.29/-1.29	0.07/0.25	0.20/62	-0.32/-1.5	-1.86/-3.24	-2.72/-1.26	-2.06/-1.83	-2.3/-2.96	-4.27/-1.64	-8.38/-9.8	-7.19/-4.66
Θ(52.5°)	-5.74/-6.08	-7.28/-3.77	-12.24/-0.87	-11.49/-8.88	-5.68/-5.06	-5.46/-6.17	-5.33/-5.86	-7.36/-5.96	-7.61/-7.57	-5.16/-5.68	-4.84/-4.87	-4.48/-4.65	-4.2/-1.92	-1.58/-1.48	-0.31/0.49	0.11/0	-1.86/-2.9	-3.29/-2.31	-4.08/-4.76	-3.66/-3.85	-5.72/-5.91	-5.13/-5.72	-6.72/-3.73	-9.1/-12.3
Θ(60°)	-8.22/-8.45	-7.41/-8.01	-9.34/-8.95	-1.01/-8.45	-5.71/-7.38	-6.27/-7.29	-7.29/-10.03	-8.25/-9.61	-10.79/-11.09	-8.34/-8.16	-7.21/-8.29	-4.88/-4.93	-4.21/-3.22	-3.15/-1.53	-0.71/0.34	-0.25/-1.71	-2.22/-2.99	-4.27/-3.86	-3.15/-3.68	-5.14/-6.3	-4.73/-7.77	-9.26/-12.74	-10.86/-8.26	-9.64/-12.88
Θ(67.5°)	-14.62/-10.19	-11.36/-14.64	-10.69/-18.42	-10.63/-7.9	-12.05/-12.28	-8.62/-18.18	-18.05/-16.76	-11.44/-7.92	-11.42/-2.72	-9.11/-9.41	-7.8/-7.87	-6.14/-6.1	-9.34/-5.24	-3.71/-3.76	-2.11/-0.61	-1.08/-1.4	-4.14/-4.81	-3.4/-3.41	-2.96/-3.1	-5.06/-5.64	-4.69/-5	-8.76/-11.72	-9.06/-10.04	-10.3



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(67.5°)	-15.21/-9.24	-13.89/-10.41	-12.35/-8.01	-7.72/-11.81	-10.82/-11.22	-4.48/-2.39	-2.27/-3.76	-3.65/-4.89	-1.71/-1.47	-1.31/-1.19	-2.99/-0.1	-2.63/-3.15	-4.58/-7.2	-3.84/-5.04	-2.89/-1.29	-1.11/-1.37	-3.96/-4.36	-2.37/-3.92	-2.47/-2.81	-2.09/-2.13	-3.05/-3.69	-2.43/-4.87	-5.61/-9.66	-5.06/-9.42
Θ(75°)	-11.93/-6.85	-10.94/-8.59	-18.02/-10.75	-9.44/-17.7	-10.89/-9.38	-3.26/-2.79	-2.43/-3.27	-3.8/-5.5	-4.09/-2.4	-1.27/-1.38	-1.58/-0.07	-2/-2.47	-1.98/-4.78	-3.12/-4.91	-3.06/-1.69	-0.12/-2.64	-2.84/-8.32	-2.01/-3.5	-2.13/-3.1	-4.64/-1.6	-1.97/-4.16	-1.1/-4.68	-6.25/-11.7	-9.51/-12.22
Θ(82.5°)	-14.26/-7.72	-10.26/-9.01	-18.63/-18.2	-10.56/-18.07	-12.7/-7.32	-2.79/-5.21	-3.93/-1.74	-4.33/-3.2	-1.18/-2.14	-1.62/-1.29	-2.12/-2.21	-1.99/-4.48	-2.19/-2.33	-3.41/-0.41	0.08/-3.91	-3.78/-2.75	-6.28/-2.95	-2.85/-3.31	-6.52/-8.21	-2.15/-3.47	-1/-3.47	-6.28/-10.95	-12.38/-14.81	
Θ(90°)	-16.66/-11.25	-14.48/-12.98	-18.47/-12.8	-11.02/-18.32	-19.28/-7.69	-5.85/-6.63	-5.35/-2.63	-1.74/-3.82	-5.57/-3.94	-2.89/-2.31	-1.8/-1.6	-2.38/-2.02	-2.32/-3.05	-2.85/-3.15	-3.95/-1.52	-0.5/-4.05	-3.43/-3.2	-5.23/-3.95	-4.01/-7.17	-8.32/-5.54	-3.54/-6.29	-1.78/-5.63	-9.96/-13.8	-16.7/-15.24
Θ(97.5°)	-15.99/-18.79	-14.66/-18.8	-17.5/-17.83	-15.78/-15.81	-15.76/-11.75	-10.11/-9.12	-6.29/-3.5	-3.46/-5.93	-6.17/-4.93	-3.89/-2.75	-2.44/-2.71	-2.89/-2.77	-2.81/-4.61	-2.93/-3.95	-5.75/-2.25	-1.39/-2.54	-4.95/-3.96	-9.01/-4.26	-5.22/-10.6	-9.76/-8.63	-5.54/-10.23	-6.4/-8.99	-13.87/-16.44	-12.2/-17.15
Θ(105°)	-16.22/-16.44	-9.73/-12.53	-12.42/-13.42	-18.96/-18.04	-17.18/-10.98	-8.62/-6.13	-5.38/-10.17	-9.6/-64	-4.39/-5.07	-2.99/-1.53	-3.29/-3.67	-2.51/-4.75	-3.3/-4.99	-4.17/-3.59	-3.25/-4.48	-5.73/-8.09	-5.56/-3.9	-7.01/-7.35	-7.24/-8.32	-5.62/-13.37	-18.1/-7.6	-1.98/-12.22	-12.12/-18.4	
Θ(112.5°)	-16.63/-18.4	-17.2/-18.66	-18.85/-11.38	-12.25/-17.94	-19.14/-9.95	-11.21/-13.44	-10.54/-15.12	-13.29/-18.75	-10.55/-8.69	-4.82/-5.02	-4.82/-2.95	-3.56/-4.9	-1.82/-6.11	-3.15/-7.1	-4.86/-5.15	-4.34/-4.76	-8.49/-8.12	-6.47/-8.99	-6.06/-7.18	-13.5/-8.56	-6.36/-12.55	-9.91/-6.56	-13.34/-18.32	-15.31/-12.69
Θ(120°)	-18.11/-18.78	-17.73/-18.58	-17.02/-17.47	-12.62/-14.15	-11.29/-17.73	-19.01/-18.22	-10.31/-11.32	-18.17/-14.84	-11.43/-9.87	-7.15/-17.1	-8.85/-4.4	-4.81/-0.02	-4.5/-6.8	-5.33/-7.73	-8.3/-6.1	-3.83/-5.63	-10.78/-7.93	-7.34/-8.93	-7.09/-9.89	-19.28/-11.25	-9.44/-8.79	-13.28/-11.07	-15.79/-18.68	-17.68/-16.85
Θ(127.5°)	-13.74/-16.83	-16.18/-13.58	-15.37/-15.9	-16.1/-16.72	-18.05/-19.12	-17.31/-15.3	-15.93/-12.38	-11.98/-11.24	-8.15/-8	-6.08/-5.57	-6.54/-6.78	-11.57/-6.15	-8.71/-7.71	-3.25/-10.75	-10.87/-5.68	-8.12/-13.53	-8.22/-5.34	-9.03/-6.6	-17.92/-11.24	-8.6/-9.38	-13.24/-15.81	-13.61/-17.48	-18.6/-18.87	
Θ(135°)	-14.45/-18.9	-19.85/-15.03	-14.42/-14.21	-19.12/-18.66	-10.73/-10.35	-15.67/-13.83	-12.47/-11.74	-13.1/-16.48	-14.47/-12.93	-9.93/-8.01	-8.62/-9.24	-4.86/-7.55	-6.07/-6.5	-10.41/-8.33	-15.64/-9.28	-3/-3.27	-7.98/-18.41	-13.8/-7.05	-9.63/-9.35	-18.26/-14.36	-7.29/-5.68	-11.01/-18.17	-12.39/-18.14	-15.1/-11.76
Θ(142.5°)	-18.89/-12.9	-13.13/-14.43	-12.56/-13.17	-16.24/-17.75	-13.73/-18.62	-18.26/-17.91	-17.65/-18.1	-19.07/-16.29	-13.31/-13.54	-9.65/-10.41	-9.96/-7.87	-9.22/-12.7	-10.4/-9.2	-8.29/-6.32	-4.46/-4.71	-9.55/-17.93	-11.68/-8.08	-8.2/-16.99	-18.87/-17.53	-8.38/-17.1	-11.54/-17.53	-17.7/-8.6	-12.34/-17.91	
Θ(150°)	-15.84/-12.84	-18.52/-18.27	-18.77/-18.46	-16.43/-15.57	-13.65/-14.66	-14.44/-16.47	-18.87/-18.32	-18.29/-18.8	-18.29/-15.66	-11.95/-11.47	-10.58/-7.88	-7.06/-8.53	-7.28/-8.83	-6.33/-6.23	-9.06/-9.57	-10.32/-10.38	-9.58/-13.84	-11.84/-10.77	-11.59/-16.88	-19.14/-14.61	-10.11/-19.17	-12.83/-17.71	-16.26/-10.28	-11.17/-17.69
Θ(157.5°)	-18.62/-15.04	-13.44/-15.1	-14.8/-15.81	-19.02/-18.18	-18.41/-17.62	-18.87/-17.68	-17.82/-15.47	-14.66/-16.16	-18.8/-17.58	-18.78/-19.32	-13.2/-9.6	-9.17/-9.3	-9.4/-9.24	-8.91/-10.27	-10.19/-12.59	-12.97/-10.75	-11.89/-11.85	-11.09/-11.14	-9.66/-11.1	-14.91/-18.72	-18.71/-19.33	-17.09/-15.93	-15.79/-14.52	-15.28/-18.47
Θ(165°)	-14.65/-14.06	-15.64/-15.84	-19.01/-16.33	-14.63/-12.24	-10.57/-10.27	-11.56/-14.16	-18.37/-18.97	-18.58/-16.82	-11.57/-14.13	-16.76/-15.94	-17.1/-17.17	-16.9/-15.58	-13.92/-13.93	-12.89/-15.49	-13.05/-9.98	-8.98/-8.21	-9.46/-11.46	-12.69/-13.08	-13.1/-13.97	-16.82/-18.36	-17.82/-17.26	-16.79/-16.87	-17.19/-17.11	
Θ(172.5°)	-10.44/-13.59	-10.14/-9.03	-8.17/-7.35	-7.6/-8.16	-13.37/-14.91	-14.81/-14.91	-15.43/-15.93	-16.93/-17.37	-15.81/-16.14	-17.28/-16.46	-10.96/-10.71	-11.02/-11.43	-10.92/-10.03	-9.11/-8.96	-9.55/-10.08	-12.27/-14.28	-16.35/-15.72	-15.05/-14.64	-13.26/-12.55	-17.22/-12.69	-13.32/-13.99	-13.6/-16.27		
Θ(180°)	-10.93/-9.66	-9.79/-9.58	-9.18/-9.05	-11.03/-12.03	-12.96/-15	-16.87/-19.04	-17.65/-18.76	-18.48/-18.24	-18.35/-15.95	-14.93/-13.55	-12.2/-11.18	-10.94/-10.54	-10.32/-9.26	-9.51/-8.96	-8.71/-8.18	-8.04/-9	-9.02/-9.37	-10.79/-13.77	-16.88/-18.33	-18.4/-18.75	-17.1/-17.23	-19.25/-19.12	-16.48/-14.3	-13.33/-10.47
Freq(Hz)	6.995GPol.	Phi/Ant.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	1.80/69	0.58/-0.21	-1.44/-1.98	-2.14/-2.35	-2.04/-1.44	-0.49/-0.44	1.36/-1.92	2.25/-2.65	3.04/-3.46	3.63/-3.54	3.66/-3.52	3.27/-2.76	2.53/-1.85	1.13/-0.42	-0.18/-0.99	-1.99/-1.68	-1.88/-1.74	-0.74/-0.3	1.03/-1.7	2.12/-2.51	3.26/-3.78	4.83/89	3.75/-3.71	3.42/85
Θ(7.5°)	1.62/-0.79	-0.21/-0.94	-1.37/-1.84	-1.56/-1.33	-0.91/-2.04	0.5/-1.41	2.35/-2.76	3.13/-42	3.74/-3.97	3.86/-3.59	3.17/-2.5	1.99/-1.44	1.17/-0.94	0.26/-0.33	0.51/-0.19	-0.09/-0.21	0.54/-0.92	1.04/-1.31	2.11/-2.51	2.64/-2.83	3.22/-3.06	3.07/-2.78	2.26/-2.59	2.32/-1.
Θ(15°)	0.89/-0.64	0.79/-0.3	-2.3/-2.77	-2.32/-0.91	-0.35/-0.43	-0.18/-0.6	1.52/-14	2.25/-2.36	2.73/-27	3.73/-46	3.45/-2.86	2.13/-95	1.42/-73	1.65/-82	0.40/-38	-0.19/-0.26	0.10/-11	0.14/-0.18	0.27/-0.64	1.32/-1.84	2.32/-15	1.82/-1.61	1.21/-13	1.21/-12
Θ(22.5°)	1.78/-0.81	-2.01/-3.47	-3.52/-3.83	-2.69/-2.48	-0.7/-0.38	0.77/-1.03	1.46/-2.24	2.03/-1.55	2.14/-2.78	2.83/-2.68	2.92/-2.54	1.842/-0.9	2.42/-1.99	1.33/-0.9	1.02/-1.34	0.52/-0.15	-0.48/-0.52	-0.14/-1.04	-0.87/-1.01	-0.62/-0.02	0.67/-0.72	0.88/-1.38	1.85/-1.33	0.64/-1.06
Θ(30°)	-1.23/-1.	-1.5/-1.91	-2.97/-3.62	-4.13/-3.44	-2.16/-1.01	0.33/-1.76	1.29/-1.05	1.79/-1.26	0.52/-1.28	1.85/-1.77	2.14/-2.04	1.44/-2.1	1.38/-1.75	1.97/-1.99	2.45/-2.43	2.07/-1.62	0.34/-0.49	-0.03/-0.11	-0.24/-0.65	-0.63/-0.64	-0.25/-0.33	-0.98/-1.58	-1.95/-1.57	-0.82/-1.35
Θ(37.5°)	-2.27/-3.82	-5.4/-5.35	-4.22/-4.52	-4.69/-3.58	-2.32/-1.83	-1.85/-0.6	-0.03/-0.12	0.13/-0.1	-1.12/-1.19	0.67/-0.52	0.10/-24	-0.08/-0.56	1.03/-1.88	1.43/-1.93	2.64/-2.2	1.87/-1.07	0.92/-0.07	-0.79/-0.03	-0.93/-0.7	-0.57/-0.38	-1.33/-3.37	-4.98/-4.95	-4.35/-2.62	-2.63/-3.18
Θ(45°)	-5.09/-6.2	-4.1/-4.36	-8.31/-9.57	-8.06/-4.6	-3.68/-4.03	-5.47/-4.37	-2.08/-1.44	-1.97/-0.92	-3.53/-3.36	-2.99/-1.95	-1.64/-0.55	-0.67/-0.47	0.78/-0.78	1.55/-3.2	2.44/-6.7	2.62/-0.99	0.11/-0.09	-1.27/-2.11	-1.58/-0.98	-1.42/-3.53	-2.29/-2.68	-4.12/-5.95	-8.73/-7.72	-10.47/-5.98
Θ(52.5°)	-11.1/-11.	-5.72/-7.93	-9.1/-8.49	-9.8/-8.29	-8.1/-5.93	-6.1/-8.4	-6.45/-4.64	-3.71/-2.15	-6.66/-5.26	-4.62/-3.21	-2.8/-3.27	-1.49/-1.71	-0.41/-1.43	0.61/-0.33	1.66/-1.49	1.35/-1.51	0.33/-1.19	-2.44/-2.36	-2.45/-4.08	-2.83/-3.51	-6.21/-6.34	-7.48/-5.55	-10.56/-15.39	-18.96/-15.2
Θ(60°)	-12.67/-9.25	-9.56/-10.91	-9.27/-7.2	-5.97/-4.6	-5.44/-4.74	-4.96/-9.06	-9.3/-9.22	-7.97/-8.64	-7.13/-8.1	-6.88/-5.7	-5.4/-5.7	-2.89/-3.39	-2.58/-3.37	-1.52/-1.18	1.34/-1.55	0.80/-08	-1.18/-1.31	-1.64/-2.31	-2.85/-2.73	-4.32/-4.37	-6.25/-6.61	-12.94/-10.27	-16.81/-12.19	-18.75/-18.16
Θ(67.5°)	-18.59/-12.92	-14.54/-14.11	-10.72/-9.74	-7.25/-7.59	-7.96/-10.08	-8.94/-11.71	-12.13/-14.53	-11.45/-8.7	-9.71/-9.2	-8.76/-8.92	-7.45/-6.84	-4.37/-4.7	-17.8/-3.75	-2.09/-1.21	-1.11/-0.19	-0.64/-0.85	-2.2/-2.69	-2.3/-2.68	-2.53/-1.59	-3.22/-3.66	-9.47/-12.34	-14.48/-11.26	-11.34/-13.54	
Θ(75°)	-18.72/-18.19	-17.87/-11.71	-9.39/-16.6	-9.25/-11.2	-8.69/-11.03	-18.22/-15.3	-6.06/-6.43	-8.12/-9.4	-8.52/-4.77	-12.27/-8.58	-8.16/-17.9	-8.13/-6.26	-3.93/-4.54	-3.46/-2.39	-2.33/-2.23	-1.98/-2.5	-2.75/-3.17	-2.84/-2.91	-2.52/-2.01	-5.8/-3.72	-3.78/-6.62	-6.31/-6.61	-6.75/-7.72	-8.93/-8.41
Θ(82.5°)	-12.3/-17.92	-14.79/-9.12	-7.21/-12.51	-6.63/-13.64	-8.03/-14.5	-12.8/-5.1	-3.37/-5.72	-5.26/-5.98	-6.33/-7.91	-11.82/-8.21	-8.95/-10.99	-7.8/-8.4	-5.91/-6.33	-4.61/-3.96	-3.8/-3.66	-3.03/-4.04	-3.97/-4.21	-3.9/-3.47	-3.03/-2.18	-6.82/-4.35	-4.87/-5.63	-5.3/-6.62	-6.92/-9.02	-7.36/-7.05
Θ(90°)	-17.13/-18.9	-15.73/-11.32	-10.55/-9.56	-8.21/-11.27	-6.59/-18.47	-9.21/-6.29	-5.52/-8.52	-7.35/-8.02	-7.26/-6.55	-12.13/-9.4	-9.06/-10.56	-10.08/-6.94	-9.43/-8.91	-6.25/-4.62	-7.33/-4.91	-3.36/-4.31	-5.81/-5.51	-6.23/-6.28	-9.18/-5.72	-8.61/-9.09	-5.59/-6.66	-8.39/-7.31	-8.31/-17	
Θ(97.5°)	-13.06/-13.63	-18.32/-14.27	-12.79/-9.86	-14.64/-11.24	-8.99/-15.83	-8.87/-8.47	-8.7/-14.42	-10.58/-8.79	-8.97/-4.77	-12.54/-9.41	-9.37/-10.13	-12.04/-9.74	-10.37/-11.66	-8.37/-8.26	-7.72/-6.66	-4.35/-4.4	-7.42/-6.62	-8.42/-6.85	-8.17/-11.05	-14.04/-10.11	-13.38/-17.85	-9.49/-10.3	-14.91/-10.88	-13.02/-8.59
Θ(105°)	-9.55/-11.63	-17.81/-17.37	-17.25/-19.32	-17.55/-11.71	-17.85/-10.82	-9.8/-9.2	-8.87/-12.86	-12.12/-7.9	-8.95/-8.93	-10.67/-13.49	-9.57/-9.38	-13.67/-12.24	-12.08/-17.39	-11.11/-9.5	-9.42/-8.69	-6.28/-4.49	-8.47/-9.39	-10.61/-8.9	-7.67/-10.83	-17.55/-10.72	-9.1/-18.83	-15.85/-10.57	-13.81/-13.27	-13.33/-12.1
Θ(112.5°)	-15.54/-11.03	-13.37/-17.92	-15.63/-18.72	-17.63/-12.33	-13.09/-11.99	-10.13/-15.63	-12.86/-13.32	-10.34/-7.17	-12.71/-10.79	-10.21/-0.45	-10.31/-11.46	-11.58/-16.62	-13.52/-17.45	-12.88/-12.47	-13.71/-17.3	-8.64/-7.45	-10.28/-13.4	-8.95/-11.5	-7.01/-12.74	-16.91/-12.03	-11.14/-13.06	-18.19/-21	-17.82/-18.04	-10.42/-16.11
Θ(120°)	-18.32/-18.36	-18.18/-18.27	-18.21/-18.74	-14.92/-18.56	-17.87/-19.47	-18.15/-18.45	-13.83/-17.91																	



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(105°)	-3.17/-4.11	-3.79/-3.25	-3.51/-4.67	-6.22/-6.43	-5.74/-6.14	-7.21/-6.86	-5.86/-5.65	-6.47/-5.62	-3.03/-2.13	-3.93/-8.1	-8.19/-4.76	-2.96/-3.11	-5.16/-8.21	-9.07/-8.13	-5.78/-3.34	-2.15/-2.44	-3.8/-4.99	-5.39/-4.81	-4.01/-3.94	-3.88/-2.79	-1.89/-1.55	-1.01/-0.82	-1.48/-1.93	-2.1/-2.25
Θ(112.5°)	-4.22/-4.14	-3.76/-3.88	-4.36/-4.88	-5.33/-5.71	-6.01/-7.29	-9.22/-7.73	-5.49/-5.03	-6.52/-8.72	-5.78/-4.35	-5.94/-9.67	-7.64/-4.62	-3.92/-5.33	-8.26/-10.97	-8.98/-7.3	-5.62/-3.9	-3.36/-4.46	-6.42/-6.78	-5.13/-3	-1.87/-1.95	-2.69/-2.44	-2.04/-2.97	-3.42/-3	-3.26/-3.97	-4.19/-4.05
Θ(120°)	-3.07/-2.81	-2.91/-2.82	-4.83/-5.44	-6.12/-6.75	-6.23/-6.74	-9.04/-9.81	-8/-7.42	-9.02/-12.7	-13.97/-10.5	-10.16/-14.2	-14.61/-10.09	-8.41/-9.56	-13.92/-14.32	-11.3/-17.25	-4.82/-3.63	-3.77/-5.33	-8.25/-11.76	-10.5/-3.1	-2.46/-1.32	-1.07/-0.67	-0.51/-1.06	-2.97/-3.81	-3.33/-3.43	-3.91/-3.24
Θ(127.5°)	-4.46/-3.55	-3.63/-5.05	-6.87/-7.73	-7.6/-6.88	-6.08/-6.7	-9.9/-14.98	-14.95/-12.57	-11.34/-12.15	-13.51/-12.52	-11.61/-13.22	-17.13/-18.49	-18.91/-18.16	-17.91/-19.22	-17.47/-12.1	-7.56/-4.98	-4.3/-4.85	-5.65/-6.45	-6.84/-7.2	-3/-2.28	-2.25/-1.9	-1.03/-1.32	-3.3/-6.74	-6.1/-5.28	-4.95/-5.14
Θ(135°)	-3.06/-2.73	-3.85/-5.8	-7.36/-1.92	-7.9/-7.73	-7.42/-7.74	-9.29/-12.01	-14.67/-13.68	-11.25/-10.4	-10.27/-9.43	-8.32/-9.77	-11.67/-13.89	-15.63/-18.58	-18.3/-15	-11.13/-8.98	-7.81/-6.98	-7.19/-3.75	-5.99/-3.48	-1.56/-0.65	-0.55/-0.72	-0.74/-0.87	-2.03/-4.12	-4.66/-7.09	-5.91/-4.27	
Θ(142.5°)	-3.99/-5.05	-6.93/-1.56	-7.38/-1.95	-9.51/-10.27	-10.35/-9.82	-9.48/-9.67	-10.24/-10.27	-9.5/-8.4	-5.64/-5.85	-4.26/-4.39	-5.38/-7.05	-8.81/-10.26	-11.26/-11.71	-12.22/-11.71	-10.56/-9.3	-6.08/-7.29	-8.83/-7.45	-4.63/-2.88	-2.05/-1.83	-1.54/-1.36	-1.84/-2.88	-4.22/-5.21	-5.29/-4.86	
Θ(150°)	-13.31/-11.52	-8.56/-6.77	-6.74/-8.31	-11.1/-14.02	-15/-13.5	-11.04/-8.98	-7.67/-7	-6.56/-5.86	-4.42/-2.85	-1.92/-1.96	-2.77/-4.08	-5.53/-7.2	-9.15/-11.49	-14.39/-15.94	-14.89/-12.98	-10.24/-7.62	-5.46/-4.78	-4.72/-4.92	-4.99/-4.94	-5.31/-6.56	-8.21/-9.21	-9.46/-9.71	-10.55/-12.27	-14.39/-15.24
Θ(157.5°)	-5.63/-5.05	-4.87/-5.32	-6.72/-9.33	-13.06/-17.42	-19.1/-17.43	-15.41/-11.06	-8.18/-6.51	-5.66/-5.25	-4.83/-4.2	-3.69/-3.83	-4.53/-4.54	-6.15/-7	-8.35/-10.6	-15.07/-18.03	-17.86/-17.17	-15.18/-10.93	-7.5/-5.32	-3.9/-2.96	-2.43/-2.25	-2.44/-2.92	-3.49/-3.99	-4.27/-4.57	-4.9/-5.04	-4.94/-8.88
Θ(165°)	-3.82/-4.58	-5.96/-1.84	-10.39/-13.71	-16.97/-18.4	-18.64/-18.35	-17.23/-17.91	-13.48/-9.73	-7.43/-6.26	-5.88/-4.64	-7.21/-7.99	-8.78/-9.59	-10.53/-11.3	-12.24/-13.65	-16.76/-18.51	-18.07/-18.9	-18.37/-15.61	-11.11/-8.17	-5.99/-4.56	-3.54/-2.84	-2.45/-2.21	-2.05/-1.9	-2.06/-2.3	-2.68/-2.99	-3.22/-4.34
Θ(172.5°)	-7.55/-9.32	-11.86/-14.22	-15.66/-16.26	-18.63/-17.43	-18.33/-18.71	-18.36/-17.92	-15.78/-12.49	-10.01/-8.62	-8.2/-8.81	-9.95/-11	-11.78/-12.76	-14.03/-16.1	-18.36/-19.03	-17.76/-18	-17.79/-18.46	-18.68/-18.67	-15.34/-12.35	-10.13/-8.77	-7.73/-6.79	-6.19/-5.68	-5.36/-5.12	-5.04/-5.19	-5.66/-6.27	-6.86/-7.3
Θ(180°)	-13.52/-14.35	-14.55/-14.56	-15.1/-16.79	-17.59/-17.89	-19.07/-18.68	-17.97/-16.94	-15.95/-14.89	-13.89/-13.42	-13.39/-12.99	-12.06/-11.57	-11.62/-11.82	-11.62/-11.19	-11.07/-11.54	-12.58/-14.04	-15.66/-17.22	-18.9/-18.5	-17.78/-16.68	-15.2/-14.41	-13.59/-12.77	-12.09/-11.71	-11.08/-10.54	-10.25/-10.38	-11.6/-12.47	-13.06/-13.75
Freq(Hz)	5.2GPol	Phi/Ant. 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-4.81/-6.61	-3.96/-3.51	-2.58/-1.81	-0.99/-0.44	-0.32/-0.48	-0.31/-0.34	-0.38/-0.69	-1.31/-1.64	-2.78/-4.05	-4.99/-6.43	-7.76/-8.2	-8.46/-7.77	-6.26/-4.84	-3.11/-2.3	-1.83/-1.37	-0.93/-0.44	-0.25/-0.06	0.27/-0.02	-0.21/-0.59	-0.68/-1.58	-3.25/-4.63	-6.01/-6.85	-7.5/-8.12	-8.4/-6.68
Θ(7.5°)	-5.07/-3.45	-2.54/-1.36	-0.37/-0.17	0.68/-1.2	1.25/-1.04	0.88/-0.42	-0.21/-0.77	-1.26/-1.96	-3.13/-4.89	-6.3/-7.53	-9.14/-11.43	-8.87/-8.61	-6.57/-5.41	-3.71/-2.96	-2.13/-1.44	-1.46/-1.09	-0.93/-0.37	-0.56/-0.49	-0.71/-1.07	-1.39/-1.85	-2.98/-3.38	-4.59/-6.26	-6.45/-6.03	-5.32/-4.06
Θ(15°)	-5.33/-5.07	-4.53/-3.47	-2.36/-2.01	-1.75/-1.6	-1.37/-1.22	-1.11/-1.36	-1.89/-3.01	-4.08/-5.13	-6.91/-8.82	-10.71/-12.31	-13.91/-10.73	-9.77/-7.61	-5.27/-4.74	-4.68/-3.93	-2.97/-1.98	-1.66/-2.13	-2.92/-3.08	-2.97/-2.23	-1.88/-2.05	-1.97/-2.42	-3.12/-3.57	-4.9/-6.28	-6.89/-6.33	-6.57/-5.9
Θ(22.5°)	-6/-28	-3.43/-3.29	-3.2/-3.48	-5.26/-6.7	-6.91/-5.34	-3.84/-3.32	-4.59/-6.98	-7.26/-6.84	-7.54/-10.5	-17.19/-18.6	-17.55/-14.1	-10.6/-8.24	-5.97/-5.27	-5.92/-6.67	-6.63/-5.14	-5.25/-6.76	-6.8/-7.25	-4.86/-2.47	-1.78/-1.85	-3.24/-3.36	-2.56/-2.14	-3.6/-5.25	-6.9/-8.79	-8.94/-7.36
Θ(30°)	-4.08/-5.91	-5.33/-4.14	-6.5/-7.55	-5.96/-6.73	-7.58/-4.59	-3.04/-3.86	-7.08/-6.08	-5.16/-6.74	-9.72/-10.5	-18.56/-13.52	-12.13/-12.62	-11.69/-9.02	-6.49/-3.99	-2.76/-3.21	-5.55/-8.4	-10.54/-9.67	-6.04/-2.38	-1.95/-2.32	-2.6/-0.96	0.07/-0.13	-1.17/-1.93	-3.08/-5.79	-7.85/-8.25	
Θ(37.5°)	-8.23/-8.55	-9.21/-7.79	-8.17/-7.57	-5.41/-7.39	-12.61/-8.06	-8.59/-14.38	-10.03/-7.6	-12.18/-18.73	-12.48/-11.64	-11.79/-15.45	-18/-16.65	-10.89/-7.16	-7.38/-8.84	-7.15/-6.05	-7.84/-7.9	-9.94/-10.89	-7.69/-6.49	-4.47/-4.64	-5.8/-5.92	-4.78/-3.6	-3.56/-3.76	-3.66/-2.76	-3.36/-5.83	-7.81/-7.46
Θ(45°)	-6.09/-6.99	-7.19/-17.6	-7.11/-10.15	-11.51/-17.77	-11.76/-18.46	-19.19/-17.87	-15.46/-18.03	-18.33/-9.3	-10.89/-16.07	-10.22/-8.96	-6.6/-8.02	-11.13/-10.67	-13.55/-12.62	-6.92/-8.68	-10.92/-11.41	-10.56/-11.57	-9.32/-9.29	-6.89/-10.74	-9.04/-8.88	-13.04/-10.59	-12.07/-18.14	-7.12/-6.62	-6.26/-8.52	-8.71/-9.54
Θ(52.5°)	-6.43/-7.83	-10.19/-10.22	-11.23/-17.15	-16.82/-11.63	-7.5/-10.13	-16.25/-10.61	-14.11/-16.49	-14.94/-15.07	-9.82/-10.41	-12.14/-6.1	-13.84/-7.01	-12.75/-9.47	-6.85/-17	-3.06/-3.4	-6.83/-13.3	-14.51/-12.54	-9.84/-18.9	-8.61/-15.95	-10.69/-12.57	-13.39/-11.69	-10.39/-10.27	-7.14/-6.09	-4.83/-5.55	-6.66/-6.66
Θ(60°)	-9.55/-10.93	-12.75/-13.18	-15.61/-17.87	-15.63/-10.89	-7.23/-8.28	-13.29/-12.09	-13.6/-13.24	-8.19/-12.09	-15.8/-7.47	-13.84/-15.75	-9.44/-7.27	-11.87/-13.04	-17.48/-14.69	-8.6/-8.4	-9.4/-9.83	-17.93/-12.59	-10.62/-8.11	-12.95/-18.45	-12.66/-15.79	-11.88/-12.67	-10.03/-8.61	-10.1/-10.04	-6.71/-7.48	-11.91/-10.85
Θ(67.5°)	-8.68/-8.85	-12.51/-15.45	-18.72/-18.75	-11.99/-9.87	-9.82/-8.97	-7.86/-4	-6.02/-10.96	-7.01/-17.5	-11.43/-15.1	-11.26/-6.41	-8.16/-7.4	-8.3/-4.6	-8.41/-8.21	-4.13/-5.5	-6.87/-8.13	-14.24/-11.8	-10.7/-9.12	-17.6/-19.16	-11.75/-14.48	-8.66/-10.78	-12.96/-11.47	-7.12/-6.62	-6.26/-8.52	-8.71/-9.54
Θ(75°)	-9.99/-10.86	-12.2/-16.14	-18.63/-18.65	-16.18/-9.81	-8.05/-6.48	-4.7/-7.22	-3.03/-6.31	-8.55/-12.82	-6.85/-15.16	-12.14/-6.1	-13.84/-7.01	-12.75/-9.47	-6.85/-17	-3.06/-3.4	-6.83/-5.96	-13.06/-9.4	-10.51/-9.94	-17.89/-18.43	-11.35/-12.92	-8.29/-9.77	-8.34/-8.98	-10.9/-10.41	-8.58/-10.48	-15.71/-17.35
Θ(82.5°)	-8.22/-10.05	-12.75/-18.27	-18.84/-17.69	-17.48/-11.29	-9.67/-6.67	-3.3/-1.82	-2.88/-5.96	-13.45/-18.43	-5.15/-14.05	-10.58/-11.09	-18.41/-5.05	-12.49/-7.87	-3.36/-5.35	-2.11/-4.24	-3.47/-7.39	-11.49/-9.98	-11.56/-13.92	-18.75/-18.16	-9.16/-12.55	-7.9/-10.87	-8.99/-10.36	-11.78/-11.69	-9.55/-10.11	-14.29/-15.57
Θ(90°)	-9.6/-10.25	-11.32/-18.68	-18.35/-18.77	-18.32/-12.19	-8.28/-6.6	-4.77/-3.45	-2.55/-3.79	-11.39/-13.87	-6.48/-15.17	-12.17/-11.38	-7.96/-8.04	-6.78/-6.66	-5.94/-4.35	-3.31/-6.08	-4.41/-7.94	-9.94/-10.75	-13.18/-14.46	-17.61/-14.34	-12.82/-14.05	-10.22/-14.72	-12.96/-11.47	-12.1/-12.62	-12.48/-12.39	-17.96/-15.69
Θ(97.5°)	-14.56/-16.25	-11.64/-18.52	-16.77/-14.87	-17.95/-18.27	-11.21/-7.05	-4.5/-7.07	-6.48/-2.93	-10.92/-15.76	-6.65/-15.93	-6.16/-3.99	-10.54/-5.59	-5.12/-5.58	-4.55/-4.44	-6.67/-7.08	-14.42/-12.42	-17.08/-14.22	-17.85/-11.72	-16.33/-14.51	-8.1/-13.34	-13.31/-11.69	-13.68/-12.42	-13.68/-12.38	-17.21/-18.98	
Θ(105°)	-10.88/-13.37	-11.99/-18.79	-18.09/-18.75	-18.35/-18.01	-16.14/-11.96	-8.85/-8.45	-8.62/-5.48	-11.7/-6.89	-11.18/-15.98	-13.42/-18.28	-7.03/-13.38	-6.42/-6.29	-5.1/-3.43	-5.7/-6.46	-7.54/-8.25	-10.15/-13.39	-14.98/-12.42	-11.9/-14.9	-17.92/-13.83	-12.93/-9.72	-16.42/-17.21	-16.11/-15.9	-11.48/-14.51	-18.02/-18.66
Θ(112.5°)	-11.26/-9.96	-12.9/-18.84	-18.17/-18.84	-17.74/-17.7	-16.17/-10.67	-8.91/-14.27	-14.37/-15.8	-13.92/-8.32	-14.43/-12.91	-18.49/-12.57	-9.91/-6.1	-10.82/-4.3	-5.74/-7.1	-9.64/-8.64	-8.33/-10.12	-9.88/-13.66	-14.8/-12.45	-11.79/-16.73	-12.55/-10.51	-15.42/-12.4	-10.84/-10.15	-16.08/-18.05	-12.46/-14.51	-15.41/-14.4
Θ(120°)	-15.97/-12.91	-12.01/-14.04	-17.23/-18.03	-18.88/-18.49	-18.34/-17.66	-17.57/-13.04	-14.07/-9.64	-17.61/-16.66	-18.2/-9.12	-18.48/-17.45	-10.29/-6.67	-7.79/-10.43	-12.17/-9.81	-8.49/-10.95	-8.02/-12.02	-13.57/-17.3	-11.16/-12.72	-13.79/-12.1	-11.18/-12.09	-18.05/-18.65	-17.84/-18.1	-15.29/-10.12	-15.64/-17.86	
Θ(127.5°)	-13.17/-11.09	-15.82/-17.71	-17.09/-14.58	-14.56/-18.31	-16.84/-15.65	-17.62/-17.73	-16.87/-18.42	-11.71/-13.53	-12.53/-11.86	-18.16/-8.33	-18.62/-15.12	-16.81/-11.38	-14.18/-12.07	-12.28/-14.15	-11.22/-9.87	-9.57/-15.4	-11.94/-13.33	-18.61/-19.22	-14.95/-11.75	-16.81/-14.99	-15.97/-18.46	-16.88/-17.79	-16.14/-17.04	-14.51/-15.03
Θ(135°)	-11.97/-11.88	-16.08/-16.29	-15.16/-15.65	-19.18/-18.56	-18.17/-13.77	-19.26/-18.14	-19.08/-13.69	-15.92/-12.74	-10/-18.84	-17.56/-9.78	-18.28/-11.45	-16.07/-12.06	-9.81/-14.49	-13.43/-15.06	-10.7/-10.12	-14.09/-10.93	-18.04/-9.78	-13.52/-18.29	-15.21/-11.87	-18.33/-18.15	-17.92/-18.07	-18.56/-16.23	-17.92/-18.75	-18.29/-16.47
Θ(142.5°)	-15.48/-12.55	-13.03/-12.55	-12.09/-16.61	-17.25/-15.08	-17.76/-17.74	-14/-11.14	-17.22/-17.62	-18.67/-11.2	-10.93/-17.85	-18.35/-18.3	-11.52/-8.74	-16.56/-8.97	-9.6/-14.55	-11.56/-19.1	-13.68/-13.96	-16.84/-12.08	-19.06/-12.17	-10.94/-17.3	-17.29/-18.05	-18.92/-18.74	-16.5/-17.7	-18.31/-14.75	-17.62/-13.55	-17.47/-17.71
Θ(150°)	-10.77/-10.77	-12.3/-13.05	-11.9/-15.1	-17.76/-18.13	-13.34/-12.35	-18.55/-18.49	-16.47/-16.86	-16.93/-12.62	-15.03/-16.6	-17.57/-18.38	-19.11/-14.22	-17.43/-18.92	-13.47/-13.73	-12.75/-18.09	-18.23/-17.5	-19.21/-15.16	-16.07/-13.84	-14						



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT

Appendix A

Θ(150°)	-9.18/-9.82	-14.71/-17.72	-18.77/-18.21	-17.26/-17.22	-16.33/-15.87	-18.1/-18.95	-17.25/-18.4	-15.93/-17.83	-18.97/-15.98	-12.66/-12.17	-14.36/-18.87	-16.46/-14.93	-18.13/-18.33	-18.61/-14.61	-14.34/-13.46	-12.18/-15.46	-14.17/-16.58	-18.17/-15.17	-14.04/-18.62	-15.69/-13.55	-19.01/-17.26	-14.58/-15.04	-10.16/-7.53	-7.91/-9.5
Θ(157.5°)	-11.3/-13.1	-14.81/-13.87	-12.57/-12.48	-13.57/-17.53	-18.43/-18.78	-18.09/-16.17	-13.87/-12.71	-12.14/-17.13	-17.97/-15.44	-12.36/-14.54	-18.21/-18.6	-18.78/-17.85	-18.03/-18.58	-15.19/-15.47	-15.37/-15.2	-13.85/-13.04	-11.47/-13.72	-17.96/-18.28	-17.99/-19.19	-18.37/-14.84	-15.3/-18.39	-18.79/-16.45	-16.09/-16.09	-12.17/-10.26
Θ(165°)	-14.71/-19.07	-18.51/-18.93	-17.01/-14.58	-15.9/-18.53	-17.83/-18.51	-18.16/-18.6	-18.96/-19.22	-18.27/-17.9	-12.84/-18.88	-18.73/-14.25	-17.93/-18.18	-18.17/-18.19	-18.65/-19.01	-14.09/-16.49	-14.09/-12.33	-13.12/-13.04	-15.25/-15.98	-18.41/-18.67	-17.39/-16.52	-13.82/-12.71	-13.63/-14.55	-13.93/-15.11	-15.95/-14.31	-12.78/-12.87
Θ(172.5°)	-15.81/-15.68	-14.4/-13.7	-14.2/-14.46	-14.71/-14.17	-14.08/-13.16	-12.8/-13.03	-12.84/-12.86	-14.55/-16.48	-18.45/-17.59	-16.56/-16.27	-16.84/-15.12	-15.05/-16.67	-15.61/-15.48	-14.94/-12.42	-11.71/-11.1	-11.24/-13.14	-13.7/-14.84	-16/-17.99	-18.73/-17.96	-18.43/-17.8	-17.04/-15.32	-13.89/-13.53	-14.61/-17.03	-16.23/-15.95
Θ(180°)	-12.34/-13.26	-13.61/-13.07	-15.17/-18.42	-18.43/-18.43	-18.76/-18.31	-19.05/-18.05	-17.54/-17.61	-16.18/-15.8	-15.43/-14.92	-14.41/-13.99	-13.86/-15.45	-16.17/-14.66	-14.22/-14.66	-14.37/-14.99	-18.57/-18.6	-18.26/-18.92	-17.34/-18.49	-18.91/-16.82	-18.34/-18.27	-15.67/-15.27	-15.08/-15.9	-14.45/-12.63	-12.27/-13.24	-13.21/-11.96
Freq(Hz)	6.175GPol.	Phi/Ant. 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-0.040/-15	1.1/2	2.723/38	3.673/65	3.583/43	3.143/31	2.461/98	1.133/02	-0.78/-2.54	-4.62/-15.4	-5.93/-5.15	-3.94/-2.11	-0.460/-11	1.191/72	2.653/32	3.994/07	4.1/83	3.743/17	2.571/98	1.790/51	-0.9/-2.89	-3.15/-4.29	-6.2/-5.56	-2.96/-1.02
Θ(7.5°)	0.461/45	1.892/71	3.64/27	4.414/36	4.244/26	4.2/38	3.212/55	1.750/9	-0.42/-1.87	-3.62/-4.48	-5.25/-5.07	-3.59/-2.07	-0.740/04	0.761/12	1.862/49	2.722/93	2.792/56	2.031/79	0.940/45	-0.38/-1.01	-1.85/-3.7	-5.18/-4.79	-3.64/-2.92	-2.3/-0.86
Θ(15°)	0.991/41	2.152/47	2.663/38	3.744/05	4.134/02	3.282/62	1.831/23	0.73/-0.42	-2.47/-3.4	-3.95/-4.12	-3.53/-3.39	-2.54/-1.42	-0.67/-0.33	-0.44/-0.15	0.680/94	1.481/49	1.410/93	0.59/-0.23	-1.41/-2.37	-3.5/-3.93	-4.7/-6.06	-6.04/-4.23	-3.94/-2.94	-0.830/-0.28
Θ(22.5°)	0.140/83	1.942/14	1.841/32	1.54/-17	2.422/2	1.730/88	0/-0.48	-0.65/-0.92	-2.16/-4.2	-4.47/-2.91	-2.97/-4.24	-1.7/-1.35	-0.44/-0.74	-1.13/-1.57	-0.650/38	0.480/32	-0.02/-0.04	-0.65/-1.37	-2.31/-2.81	-3.31/-4.26	-5.52/-6.12	-7.05/-5.85	-4.91/-4.06	-2.01/-0.39
Θ(30°)	-0.66/-0.87	0.651/29	0.37/-0.61	0/-0.2	-0.68/-0.83	-0.96/-1.65	-1.49/-1.18	-2.26/-3.87	-4.67/-6.13	-7.52/-4.98	-2.57/-2.33	-1.17/-0.36	-0.40/-11	-0.79/-3.22	-3.43/-18	-1.11/-1.27	-1.71/-1.67	-2.01/-2.78	-2.44/-2.69	-2.94/-3.09	-2.84/-3.1	-2.5/-1.67	-2.46/-3.94	-2.94/-1.5
Θ(37.5°)	-2.42/-1.83	-1.05/-0.66	-2.26/-3.12	-2.93/-5.05	-5.33/-4.2	-5.24/-3.66	-2.02/-2.71	-4.03/-4.56	-6.93/-11.31	-12.31/-7.87	-5.52/-4.65	-3.27/-2.14	-2/-1.61	-1.87/-5.64	-4.98/-4.61	-5.06/-4.12	-4.8/-4.51	-3.59/-3.27	-2.81/-2.84	-3.65/-3.94	-3.26/-2.62	-1.84/-1.28	-1.43/-2.11	-3.6/-2.75
Θ(45°)	-1.98/-1.25	-2.63/-3.64	-3.33/-2.89	-5.69/-7.1	-7.14/-8.27	-7.6/-4.08	-3.99/-5.19	-7.63/-9.44	-8.97/-9.95	-13.77/-6.27	-5.15/-4.29	-6.83/-4.74	-3.11/-5.03	-5.72/-3.1	-14.21/-9.18	-8.76/-6.19	-7.36/-5.1	-3.75/-4.62	-5.22/-4.92	-4.72/-4.16	-2.44/-0.8	-0.59/-0.78	-1.28/-2.15	-2.51/-2.82
Θ(52.5°)	-2.82/-4.65	-4.01/-0.07	-4.42/-3.95	-7.8/-14.43	-14.23/-9.98	-6.98/-7.39	-6.15/-7.56	-5.04/-4.92	-6.86/-7.9	-17.31/-9.23	-6.18/-4.8	-6.36/-4.71	-5.39/-8.02	-8.81/-10.13	-15.44/-11.62	-9.13/-9.62	-8.1/-8.13	-6.42/-7.32	-6.42/-7.35	-4.68/-4.13	-2.55/-1.28	-0.45/-0.14	-0.6/-2.64	-5.08/-4.29
Θ(60°)	-4.04/-2.48	-3.29/-5.96	-4.18/-6.13	-8.56/-12.72	-8.74/-7.16	-6.85/-7.98	-8.07/-10.9	-7.22/-7.57	-9.07/-15.14	-13.54/-18.11	-6.52/-9.07	-6.85/-11.64	-6.57/-12.67	-10.61/-16.88	-19.08/-17.87	-12.05/-12.12	-12.9/-9.87	-7.35/-6.76	-5.82/-5.32	-3.88/-3.62	-3.32/-2.64	-1.54/-1.25	-1.61/-3.72	-5.58/-4.83
Θ(67.5°)	-6.15/-6.45	-6.31/-6.1	-4.32/-7.03	-11.61/-12.41	-5.29/-7.39	-10.3/-16.69	-16.76/-14.22	-11.53/-13.73	-12.94/-18.74	-17.87/-15.08	-9.93/-12.41	-10.17/-18.14	-18.13/-17.24	-6.41/-9.91	-11.74/-16.15	-11.64/-10.51	-11.8/-11.61	-8.28/-7.58	-5.65/-5.27	-3.35/-4.98	-3.63/-4.12	-3.39/-2.74	-2.18/-4.4	-6.53/-5.54
Θ(75°)	-7.99/-5.6	-6.54/-6.85	-4.57/-6.42	-8.95/-11.25	-5.47/-4.58	-7.78/-18.15	-19.06/-15.12	-6.97/-10.5	-12.88/-12.49	-10.78/-19.19	-10.76/-7.97	-15.12/-12.56	-10.29/-4.4	-3.62/-4.44	-15.76/-10.65	-7.95/-8.3	-10.52/-12.97	-9.07/-8.28	-6.06/-4.08	-3.96/-4.07	-3.99/-5.2	-6.14/-4.13	-2.7/-4.61	-6.74/-5.71
Θ(82.5°)	-9.42/-7.97	-9.29/-8.86	-8.16/-7.61	-8.15/-10.96	-6.23/-5.88	-4.86/-6.31	-12.93/-16.14	-6.67/-5.68	-12.72/-13.59	-13.83/-7.21	-13.11/-10.02	-17.94/-11.33	-6.35/-2.84	-4.71/-3.65	-5.18/-7.5	-6.85/-8.25	-10.7/-9.42	-9.45/-9.79	-5.78/-4.06	-4.69/-5.16	-5.76/-7.9	-8.97/-5.37	-3.27/-4.29	-7.7/-8.3
Θ(90°)	-8.54/-8.81	-9.58/-8.3	-9.38/-9.38	-11.98/-9.61	-7.26/-8.45	-5.09/-5.49	-7.89/-12.9	-11.88/-5.96	-10.93/-18.97	-18.74/-9.53	-6.68/-8.37	-17.66/-8.85	-6.9/-3.47	-3.86/-6.12	-6.06/-6.48	-5.27/-7.75	-8.94/-9.95	-11.73/-10.6	-9.06/-7.36	-6.99/-7.61	-8.56/-8.55	-10.13/-6.7	-4.43/-5.09	-10.55/-9.1
Θ(97.5°)	-9.67/-11.75	-10.04/-10.86	-8.77/-8.85	-10.63/-11.63	-6.57/-7.57	-5.49/-6.35	-6.62/-7.02	-18.57/-6.88	-7.85/-19.12	-18.71/-10.76	-7.72/-19.14	-10.96/-15.5	-6.85/-6.08	-7.87/-8.98	-9.35/-6.27	-8.37/-12.42	-10.45/-11.55	-15.91/-12.77	-13.32/-13.57	-10.04/-12.35	-11.51/-11.37	-10.26/-5.92	-8.82/-6.91	-8.89/-5.8
Θ(105°)	-8.92/-11.03	-13.91/-13.95	-12.81/-12.36	-9.98/-14.54	-9.09/-9.43	-7.4/-8.76	-8.06/-6.93	-12.61/-11.9	-8.15/-12.07	-15.27/-17.76	-10.83/-14.55	-7.29/-9.61	-5.66/-5.51	-8.11/-9.55	-7.74/-6.58	-8.37/-11.26	-8.93/-9.91	-17.28/-13.04	-14.68/-11.22	-11.72/-11.87	-10.07/-9.76	-10.4/-8.44	-10.02/-7.58	-9.69/-11.08
Θ(112.5°)	-11.43/-11.51	-12.55/-12.73	-15.03/-17.3	-10.06/-13.87	-15.17/-12.19	-6.96/-8.36	-12.99/-9.46	-7.41/-17.45	-9.91/-11.83	-18.08/-15.2	-18.41/-11.52	-7.9/-7.64	-6.01/-5.76	-9.21/-10.98	-8.82/-6.54	-7.47/-13.91	-11.23/-9.34	-17.33/-13.46	-14.05/-11.63	-11.68/-13.76	-17.15/-17.86	-14.92/-16.8	-8.19/-10.72	-13.2/-13.9
Θ(120°)	-12.51/-11.42	-14.68/-14.31	-16.87/-18.17	-12.42/-15.76	-12.34/-13.37	-15.73/-9.83	-12.37/-18.93	-10.94/-19.35	-12.03/-10.79	-18.99/-9.95	-17.84/-17.15	-15.86/-12.71	-7.6/-9.16	-14.21/-11.24	-9.86/-7.96	-11.96/-10.81	-10.16/-12.26	-18.16/-18.45	-18.28/-12.78	-17.01/-12.69	-16.42/-15.38	-16.61/-12.6	-10.75/-11.54	-12.68/-11.08
Θ(127.5°)	-13.63/-17.91	-12.36/-15.46	-13.21/-18.6	-12.89/-18.39	-12.69/-10.53	-16.46/-18.03	-15.32/-18.39	-18.01/-18.72	-18.14/-11.67	-15.97/-14.36	-18.19/-18.03	-18.79/-18.79	-9.85/-8.43	-11.34/-12.17	-10.87/-9.96	-8.82/-11.65	-9.22/-8.89	-18.57/-19.06	-17.35/-19.06	-19/-16.16	-18.07/-17.17	-9.47/-8.97	-8.77/-12.88	-12.96/-13.13
Θ(135°)	-15.03/-17.49	-13.54/-13.95	-17.47/-15.34	-15.37/-18.17	-18.21/-16.49	-13.55/-10.53	-10.97/-11.45	-11.69/-18.67	-16.15/-15.96	-18.21/-16.98	-11.45/-17.5	-15.31/-11.66	-7.74/-6.55	-12.66/-9.55	-12.81/-12.89	-17.98/-7.98	-9.82/-8.83	-14.94/-18.22	-12.7/-13.47	-12.79/-14.8	-16.52/-18.12	-17.45/-11.66	-5.64/-11.4	-12.83/-9.82
Θ(142.5°)	-6.67/-10.12	-11.55/-8.71	-16.93/-18.52	-18.02/-9.93	-12.82/-10.51	-10.89/-18.3	-18.77/-13.27	-10.9/-18.73	-11.16/-16.25	-19.14/-13.89	-14.6/-18.68	-12.04/-28	-18.51/-11.34	-14.41/-10.93	-14.85/-19.19	-13.65/-10.52	-9.46/-11.98	-19.4/-16.75	-13.33/-14.64	-11.77/-16.2	-17.39/-17.77	-16.86/-15.51	-15.23/-16.21	-17/-11.9
Θ(150°)	-15.89/-13.79	-11.18/-9.24	-8.67/-11.83	-17.33/-14.5	-17.47/-18.48	-17.78/-11.59	-11.77/-18.35	-13.65/-12.25	-13.76/-13.47	-18.85/-15.8	-16.78/-18.61	-19.39/-17.86	-17.34/-13.75	-11.36/-10.5	-17.57/-17.87	-11.95/-9.6	-10.11/-13.43	-18.4/-18.79	-16.14/-16.62	-19.3/-18.23	-15.24/-18.98	-18.08/-18.75	-15.89/-18.76	-18.7/-17.37
Θ(157.5°)	-14.61/-18.23	-18.64/-17.91	-18.77/-17.88	-17.65/-16.65	-15.11/-10.8	-10.43/-13	-13.05/-18.5	-17.47/-19.06	-17.51/-16.49	-12.54/-17.1	-17.96/-18.93	-17.34/-18.03	-12.36/-6.4	-4.65/-4.94	-7.58/-9.54	-10.17/-17.27	-13.19/-16.2	-19.21/-18.74	-17.74/-18.55	-17.83/-18.25	-17.86/-18.35	-18.11/-17.49	-16.2/-18.65	-17.35/-15.89
Θ(165°)	-18.26/-18.49	-18.51/-17.9	-14.62/-11.18	-9.89/-9.52	-11.24/-12.04	-12.15/-15.32	-19.07/-17.47	-18.73/-16.54	-15.85/-18.31	-18.59/-17.94	-18.38/-19.6	-16.75/-13.82	-10.15/-6.07	-5.16/-6.12	-8.43/-10.67	-13.38/-15.96	-18.09/-16.69	-14.52/-14.24	-16.15/-18.61	-18.47/-17.41	-17.35/-18.52	-19.44/-17.41	-16.32/-15.38	-15.46/-14.1
Θ(172.5°)	-11.19/-11.5	-13.48/-13.07	-10.75/-11.43	-14.3/-16.12	-15.99/-14.74	-14.71/-13.09	-12.73/-13.33	-13.14/-14	-16.74/-16.74	-14.88/-16.34	-18.84/-18.02	-18.29/-17.45	-14.16/-15.81	-17.97/-17.83	-18.54/-18.42	-18.86/-18.36	-18.97/-18.19	-17.12/-18.23	-18.65/-18.87	-18.78/-18.24	-18.33/-18.81	-18.17/-18.38	-16.28/-18.65	-19.18/-15.94
Θ(180°)	-16.24/-17.31	-15.93/-14.39	-13.17/-13.01	-14.9/-15.66	-16.52/-17.54	-18.44/-18.25	-18.86/-18.16	-17.87/-18.16	-17.97/-18.45	-17.64/-19.22	-18.09/-18	-15/-12.9	-14.44/-14.56	-14.1/-14.84	-14.28/-14.99	-15.24/-15	-14.31/-14.87	-16.24/-15.6	-14.32/-15.64	-18.89/-17.74	-17.33/-18.69	-18.84/-17.7	-17.93/-16.67	-13.09/-12.76
Freq(Hz)	6.175GPol.	Theta/Ant. 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.						



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	2.25/2.98	3.493/87	4.224/4	4.043/73	3.483/05	2.642/1	1.110/42	0.14/-0.64	-1.98/-2.62	-2.46/-2.14	-1.54/-0.95	0.420/96	1.432/03	2.753/27	3.543/84	4.014/1	3.913/59	2.982/34	1.490/43	-0.42/-1.1	-1.58/-2.08	-2.29/-1.94	-0.7/-0.01	0.68/1.88
Θ(7.5°)	1.28/2.25	2.523/13	3.493/97	3.983/68	3.473/15	2.642/1	1.203/3	-0.81/-1.83	-3.21/-4.08	-3.813/2.18	-2.81/-1.47	-0.205/9	1.191/69	2.232/61	2.879/92	2.692/92	2.762/4	1.771/22	0.32/-0.31	-1.1/-1.51	-1.62/-1.6	-1.5/-2	-1.07/-0.27	-0.190/65
Θ(15°)	1.18/1.58	1.882/63	2.722/48	2.372/28	2.442/51	2.322/14	1.480/43	-0.85/-1.97	-3.22/-4.18	-3.13/-1.71	-0.59/-0.15	0.79/1.61	2.032/24	2.262/25	2.111/77	1.841/62	1.350/65	-0.08/-0.47	-0.89/-1.14	-2.61/-3.55	-3.37/-2.26	-0.58/0.07	-0.110/5	0.68/0.73
Θ(22.5°)	-0.150/5.2	1.191/32	0.84/0.65	1.451/86	2.1/1.68	1.451/3	0.23/-0.77	-1.38/-1.81	-2.59/-4.34	-4.51/-3.45	-2.4/-1.01	0.240/55	0.77/1.18	1.170/44	0.250/75	1.15/1.14	0.75/0.16	0.05/0.19	0.35/-0.26	-1.49/-2.36	-2.75/-2.89	-1.37/-0.07	0.38/0.83	1.08/0.06
Θ(30°)	-1.08/-0.53	-0.23/-0.33	-0.85/-0.78	-0.46/-0.45	-1.53/-2.67	-2.08/-1.44	-1.33/-1.6	-2.4/-3.83	-6.88/-6.89	-5.64/-2.94	-1.23/-0.39	0.62/1.42	0.85/0.08	-0.3/-0.61	-0.89/-0.53	-0.53/-1.4	0.13/-0.09	-0.35/-0.05	-0.53/-1.4	-1.54/-0.9	-0.28/-0.22	0.18/-0.05	-0.73/-0.84	-0.72/-0.59
Θ(37.5°)	-1.59/-2.08	-1.86/-3.02	-2.05/-2.01	-5.39/-6.66	-5.4/-3.39	-2.92/-2.54	-2.56/-3.33	-3.51/-3.45	-4.89/-6.21	-5.05/-4.8	-4.42/-3.06	-1.65/-0.45	0.16/-1.59	-2.25/-2.72	-3.09/-2.16	-2.1/-2.4	-1.72/-2.27	-2.71/-2.31	-3.18/-3.33	-1.91/-1.27	-0.45/0.15	0.16/1.21	0.75/-1.47	-1.34/-0.76
Θ(45°)	-1.76/-2.22	-2.49/-3.79	-4.3/-6.23	-7.57/-6.78	-10.06/-8.68	-7.82/-5.62	-4.61/-3.95	-3.44/-5.21	-7.76/-9.25	-8.59/-8.4	-2.83/-3.32	-2.86/-3.28	-3.12/-3.71	-6.46/-5.9	-6.06/-5.48	-3.94/-4.14	-4.42/-3.58	-3.92/-4.25	-5.02/-2.63	-2.45/-0.9	-0.42/0.62	0.34/0.01	-0.12/-1.26	-2.42/-1.7
Θ(52.5°)	-2.13/-2.57	-6.11/-4.68	-3.79/-5.86	-8.3/-10.87	-11.17/-11.7	-14.12/-12.97	-13.35/-8.82	-7.84/-8.24	-8.16/-8.97	-8.15/-5.98	-5.09/-3.66	-5.37/-3.43	-4.97/-5.9	-9.64/-8.89	-6.91/-6.99	-8.61/-8.07	-4.89/-6.19	-4.7/-3.94	-2.03/-1.44	-0.79/-1.12	-1.25/-1.12	-0.44/-1.6	-2.56/-1.36	
Θ(60°)	-3.67/-1.7	-2.76/-6.6	-4.9/-5.46	-9.85/-10.18	-13.12/-11.79	-17.53/-19.12	-14.81/-9.27	-12.21/-11.57	-9.08/-7.53	-7.94/-5.29	-4.82/-4.14	-5.37/-5.31	-10.16/-15.03	-14.68/-17.05	-16.89/-9.89	-13.34/-11.91	-8.08/-6.51	-5.58/-6.21	-4.01/-3.07	-1.99/-1.64	-1.47/-1.57	-1.3/-0.91	-0.63/-1.34	-3.78/-1.16
Θ(67.5°)	-4.53/-4.06	-4.69/-6.06	-5.56/-5.17	-7.88/-8.7	-12.08/-9.25	-13.27/-11.55	-13.27/-11.55	-11.21/-9.83	-9.8/-11.61	-9.58/-8.94	-9.26/-8.79	-11.3/-12.9	-11.59/-6.74	-8.48/-18.7	-18.36/-13.73	-11.6/-11.67	-9.09/-7.35	-7.98/-5.46	-3.86/-3.45	-1.65/-2.77	-2.56/-3.13	-2.63/-2.06	-1.86/-2.6	-3.31/-3.65
Θ(75°)	-5.07/-4.83	-6.89/-6.17	-7.29/-5.6	-7.84/-7.02	-8.36/-9.38	-7.17/-6.24	-7.92/-12.5	-11.7/-10.12	-12.49/-18.29	-14.73/-10.31	-15.55/-12.29	-16.93/-12.03	-7.4/-3.61	-5.64/-7.1	-13.61/-11.56	-9.62/-9.05	-7.72/-10.01	-9.18/-6.14	-3.43/-2.65	-1.74/-3.21	-3.07/-3.73	-5.89/-5.3	-3.11/-3.5	-4.99/-4.05
Θ(82.5°)	-4.93/-4.46	-6.15/-6.69	-8.62/-6.08	-7.7/-10.55	-7.61/-5.36	-6.65/-9.39	-8.93/-14.2	-17.83/-12.62	-11.92/-16.72	-18.58/-9.61	-9.88/-12.23	-9.01/-8.22	-2.38/-2.89	-5/-5.7	-8.88/-7.04	-5.61/-9.25	-8.12/-8.37	-8.72/-7.22	-3.2/-2.32	-3.06/-4.14	-3.9/-5.67	-9.28/-6.87	-3.77/-5.29	-6.37/-6.24
Θ(90°)	-7.25/-6.98	-6.44/-9.44	-10.08/-6.71	-7.67/-13.01	-9.23/-6.32	-8.4/-14.37	-9.38/-11.96	-18.02/-13.08	-11.62/-15.08	-17.43/-12.82	-9.91/-11.14	-13.68/-6.58	-5.95/-5.01	-5.94/-9.76	-7.98/-5.94	-5.82/-8.65	-9.04/-8.7	-12.07/-11.33	-6.2/-4.2	-5.43/-5.59	-6.24/-1.78	-9.62/-6.96	-7.01/-6.24	-5.78/-7.46
Θ(97.5°)	-7.71/-12.49	-8.29/-11.48	-11.03/-12.07	-11.39/-8.46	-11.03/-12.07	-10.19/-13.56	-11.63/-11.94	-17.26/-15.1	-18.1/-18.56	-18.43/-12.58	-13.22/-17.67	-8.28/-3.75	-6.63/-4.87	-9.91/-17.31	-9.93/-7.87	-8.02/-12.67	-9.48/-12.95	-14.21/-15.79	-10.15/-8.33	-9.12/-8.74	-8.63/-10.36	-8.82/-6.32	-6.45/-7.46	-7.93/-11.03
Θ(105°)	-11.1/-14.28	-9.48/-13.36	-12/-14.72	-13.79/-10.03	-13.2/-12.72	-10.48/-12.41	-11.15/-12.92	-17.36/-17.95	-18.41/-18.92	-18.33/-16.98	-18.07/-14.51	-8.19/-10.12	-7.34/-6.92	-15.6/-17.46	-8.91/-6.33	-10.35/-17.58	-9.55/-10.85	-13.41/-17.17	-13.12/-11.58	-13.43/-12.6	-9.87/-11.36	-9.47/-9.4	-8.08/-7.67	-10.16/-12.7
Θ(112.5°)	-9.84/-11.77	-16.85/-12.89	-16.23/-15.44	-15.35/-11.57	-17.38/-15.52	-16.83/-11.02	-9.24/-18.92	-17.59/-18.42	-15.77/-17.6	-17.36/-14.89	-15.11/-14.4	-8.95/-11.34	-8.52/-8.59	-11.69/-13.36	-8.34/-9.24	-8.4/-14.32	-12.01/-8.96	-15.16/-10.19	-18.01/-9.64	-12.76/-11.85	-12.75/-17.59	-13.71/-12.92	-13.55/-15.86	-9.92/-11.69
Θ(120°)	-10.77/-15.22	-17.63/-15.63	-17.95/-18.84	-17.1/-13.78	-15.58/-15.23	-16.18/-27	-18.88/-15.72	-17.84/-19.4	-18.21/-18.04	-18.13/-17.05	-17.85/-14.42	-16.33/-17.6	-16.04/-11.43	-13.33/-14.29	-8.7/-12.68	-8.56/-14.13	-14.24/-9.29	-17.88/-17.95	-18.12/-10.09	-15.73/-15.62	-16.13/-18.69	-13.17/-10.45	-13.4/-11.4	-9.81/-11.69
Θ(127.5°)	-10.31/-9.1	-18/-12.33	-17.92/-17.31	-13.16/-18.12	-18.5/-18.05	-13.97/-15.72	-14.51/-13.96	-16.04/-18.15	-18.18/-17.42	-18.4/-18.07	-13.24/-17.83	-18.68/-17.9	-8.72/-9.81	-10.16/-12.78	-16.78/-9.29	-9.04/-18.89	-11.09/-11.67	-17.72/-18.71	-18.42/-18.45	-12.87/-17.81	-17.67/-14.5	-16.08/-13.91	-17.38/-18.97	-16.02/-11.19
Θ(135°)	-14.5/-14.67	-16.88/-17.32	-18.09/-11.62	-18.17/-14.66	-17.85/-13.33	-16.93/-12.59	-13.31/-17.04	-18.52/-17.82	-16.95/-19.21	-17.9/-18.01	-16.31/-13.3	-9.04/-17.19	-18.02/-9.57	-13.33/-16.17	-12.38/-9.4	-18.87/-17.77	-10.02/-8.17	-17.66/-17.64	-12.64/-14.48	-16.03/-12.92	-16.96/-18.72	-13.75/-15.98	-12.97/-18.21	-15.32/-11.19
Θ(142.5°)	-10.6/-11.4	-8.09/-9.1	-17.71/-16.91	-17.71/-16.91	-13.72/-12.23	-15.1/-18.78	-18.34/-18.61	-19.21/-17.76	-18.1/-18.63	-18.82/-17.22	-14.25/-11.9	-16.32/-16.37	-10.08/-8.15	-8.88/-12.87	-10.34/-9.16	-18.32/-18.36	-7.78/-9.74	-18.97/-18.26	-12.8/-13.63	-15.86/-17.83	-17.88/-18.92	-19.09/-14.1	-16.4/-18.42	-14.5/-12.65
Θ(150°)	-12.78/-16.7	-16.21/-10.83	-17.53/-14.96	-11.42/-12.2	-19.05/-17.48	-18.74/-15.92	-13.37/-15.76	-16.96/-11.28	-12.9/-18.92	-18.17/-18.98	-17.27/-17.79	-16.6/-17.98	-14.82/-12.43	-13.35/-12.59	-18.36/-18.59	-15.19/-12.58	-9.81/-13.66	-17.61/-19.37	-15.15/-16.99	-18.33/-18.45	-18.41/-17.46	-16/-18.19	-18.47/-17.76	-18.4/-17.65
Θ(157.5°)	-16.09/-14.42	-11.4/-11.59	-18.29/-14.88	-12.62/-13.82	-17.45/-16.94	-17.84/-12.72	-11.41/-14.31	-18.32/-16.61	-18.07/-14.99	-12.61/-16.69	-18.7/-19.02	-18.01/-12.84	-10.37/-11.1	-6.94/-6.21	-7.74/-9.24	-10.93/-12.66	-14.15/-18	-18.17/-16.64	-18.01/-9.99	-17.14/-18.22	-17.58/-16.51	-17.85/-15.72	-13.13/-17.62	-16.35/-14.04
Θ(165°)	-18.08/-12.52	-12.57/-19	-18.47/-11.53	-10.46/-11.55	-11.72/-11.67	-14.13/-19.01	-18.28/-17.44	-18.17/-18.1	-17.47/-18.01	-19.38/-16.41	-18.6/-17.92	-18.28/-15.72	-18.82/-11.92	-8.88/-7.46	-18.9/-9.69	-12.02/-12.37	-19.07/-17.79	-15.68/-18.26	-18.05/-17.95	-18.69/-16.51	-13.92/-14.67	-16.78/-18.03	-18.53/-18.19	-18.03/-18.83
Θ(172.5°)	-8.96/-9.73	-11.93/-12.23	-12.39/-14.07	-15.32/-14.49	-12.94/-13.01	-14.49/-15.66	-18.53/-18.86	-18.63/-18.27	-18.09/-18.22	-17.41/-19.05	-19.53/-17.4	-17.86/-19.17	-17.92/-17.96	-18.99/-17.57	-18.33/-16.83	-15.47/-15.34	-15.6/-14.51	-13.87/-13.63	-14.51/-16.03	-18.32/-18.26	-17.36/-17.46	-18.69/-18.07	-17.19/-16.84	-13.6/-11.13
Θ(180°)	-17.19/-17.79	-19.08/-18.87	-19.34/-18.78	-18.56/-19.03	-17.61/-18.1	-18.52/-17.26	-18/-17.9	-17.47/-17.7	-18.16/-17.72	-17.78/-18.85	-18.84/-18.75	-18.4/-17.08	-15.48/-13.91	-13.49/-13.37	-12.77/-12.22	-11.45/-11.31	-12.16/-12.35	-13.56/-14.14	-13.9/-14.19	-17.41/-17.73	-18.05/-18.45	-17.84/-18.2	-18.06/-18.09	-17.47/-15.91
Freq(Hz)	6.995GPol.	ThetaAnt.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	1.390/43	-0.78/-1.56	-2.16/-2.5	-2.76/-2.52	-1.67/-0.98	0.08/1.06	1.342/01	2.663/17	3.443/42	3.372/38	2.912/95	2.682/14	1.680/79	0.33/-0.76	-1.6/-2.04	-2.2/-2.02	0.89/1.7	2.583/09	3.493/76	4.184/28	4.213/88	3.923/6	3.2/42	
Θ(7.5°)	1.522/65	-0.52/-1.05	-1.31/-1.66	-2.4/-3.3	-0.53/0.27	1.282/09	2.543/02	3.524/03	4.094/1	4.113/58	3.353/18	2.281/47	0.71/-0.35	-1.37/-2.63	-3.18/-3.3	-3.36/-2.59	-1.52/-0.86	-0.23/0.68	1.24/1.73	2.032/24	2.582/63	2.622/51	2.672/5	2.112/08
Θ(15°)	0.610/49	-0.1/-0.71	-0.74/-0.73	-1.29/-1.03	-0.85/-0.63	0.34/1.18	1.691/99	2.422/67	2.973/28	3.392/97	2.622/43	2.351/69	0.48/-0.6	-1.61/-2.19	-2.57/-3.06	-3.87/-4.32	-3.1/-2.18	-1.3/-0.74	-0.29/0.36	0.42/0.31	0.16/0.35	0.47/0.69	0.47/0.63	0.710/62
Θ(22.5°)	-2.17/-2.28	-1.74/-2.59	-1.63/0.07	0.23/0.12	-0.67/-1.21	-0.34/0.13	1.45/1.5	1.882/83	3.663/52	3.142/25	1.450/69	0.51/0.06	-0.74/-2	-2.01/-1.77	-2.82/-0.48	-5.38/-5.66	-6.33/-5.62	-5.22/-4.42	-3.18/-2.1	-1.72/-1.66	-1.55/-1.57	-1.22/-1.5	-3.04/-1.36	-1.87/-1.59
Θ(30°)	-0.66/-1.01	-1.32/-1.52	-1.29/-0.21	-0.5/-0.49	0.0/-0.97	-1.7/-2.02	-0.56/-0.92	-0.25/0.79	1.431/66	2.052/03	1.09/-0.27	-0.58/-0.82	-1.77/-2.7	-3.53/-4.29	-7.28/-4.27	-4.62/-6.84	-8.12/-7.91	-9.23/-10.77	-8.18/-8.85	-10.14/-8.5	-10.4/-13.5	-11.41/-7.22	-6.4/-5.82	-3.86/-1.62
Θ(37.5°)	-0.84/-0.73	-1.55/-1.74	-1.87/-0.9	-0.94/-0.69	-0.1/-1.92	-1.51/-1.14	-1.14/-0.32	0.46/0.83	1.05/1.2	1.120/5	-0.9/-2.67	-3.87/-2.88	-2.25/-2.92	-3.88/-3.08	-2.22/-2.25	-2.75/-4.29	-5.1/-5.64	-10.4/-10.77	-11.29/-12.93	-15.5/-11.81	-15.24/-14.39			



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(45°)	-17.7/-16.73	-15.57/-16.29	-18.26/-18.71	-18.3/-19.28	-17.92/-18.61	-17.82/-17.74	-17.99/-18.2	-18.83/-18.24	-14.96/-10.85	-9.49/-9.52	-8.79/-7.51	-7.2/-7.95	-8.22/-8.13	-8.99/-10.7	-12.23/-11.92	-11.86/-13.83	-19.42/-18.77	-17.8/-18.14	-19.12/-15.56	-15.54/-17.1	-18.33/-17.27	-16.84/-17.43	-16.31/-15.81	-17.19/-18.36
Θ(52.5°)	-15.7/-16.77	-17.73/-19.4	-17.92/-18.6	-18.55/-19.28	-18.26/-19.11	-18.04/-12.85	-11.65/-13.78	-18.29/-18.94	-15.31/-11.94	-10.77/-10.69	-10.01/-8.62	-8.97/-8.59	-7.23/-7.39	-10.28/-15.18	-16.81/-14.09	-12.66/-14.55	-18.29/-16.62	-16/-18.88	-12.17/-8.37	-8.46/-11	-12.6/-12.9	-14.41/-14.46	-14.04/-15.54	-17.13/-16.77
Θ(60°)	-15.98/-17.44	-17.06/-18.08	-18.74/-18.45	-18.8/-18.5	-17.58/-15.38	-12.49/-10.69	-11.84/-17.48	-19.02/-18.75	-17.98/-17.19	-16.95/-15	-10.87/-8.17	-6.03/-8.86	-7.16/-6.46	-9.59/-16.75	-18.54/-16.83	-14.69/-15.07	-17.81/-12.93	-10.48/-13.29	-10.51/-5.63	-4.5/-6.05	-10.91/-12.39	-10.27/-11.77	-15.96/-15.88	-16.55/-16.96
Θ(67.5°)	-15.25/-18.42	-18.16/-19.39	-18.36/-17.94	-18.89/-18.14	-16.11/-11.84	-10.89/-13.48	-18.86/-17.39	-12.71/-11.94	-15.18/-17.76	-17.9/-11.49	-8.13/-7.11	-8.8/-11.1	-8.62/-8.54	-14.32/-18.57	-17.13/-18.74	-17.52/-14.99	-18.88/-13.56	-9.41/-10.37	-9.24/-5.35	-3.89/-4.14	-4.58/-5.14	-7.39/-10.71	-10.18/-10.1	-12.49/-13.6
Θ(75°)	-10.57/-12.52	-15.15/-16.7	-16.52/-17.26	-18.27/-18.8	-14.08/-10.95	-12.95/-18.32	-15.43/-11.21	-10.57/-12.72	-16/-18.22	-11.67/-8.97	-8.55/-8.1	-10.74/-17.9	-11.73/-9.72	-14.94/-14.97	-10.88/-12.55	-18.29/-14.66	-17.42/-18.58	-10.83/-9.77	-8.42/-6	-5.23/-4.94	-3.8/-3.38	-4.34/-6.8	-9.63/-10.72	-10.73/-10.17
Θ(82.5°)	-9.75/-10.79	-12.88/-15.68	-18.13/-10.8	-18.79/-15.58	-12.01/-12.51	-17.13/-16.36	-12.08/-11.67	-12.66/-12.32	-11.64/-9.82	-8.63/-10.99	-13.32/-10.82	-13.39/-15.77	-9.62/-9.54	-17.99/-12.94	-7.99/-10.81	-11.57/-10.74	-11.57/-13.75	-10.85/-10.46	-5.88/-5.72	-5.31/-6.13	-5.28/-4.5	-4.48/-4.97	-6.85/-10.42	-11.75/-10.12
Θ(90°)	-10.78/-11.05	-12.58/-16.51	-19.01/-17.61	-19.44/-18.2	-15.98/-14.52	-14.01/-14.39	-14.16/-12.66	-10.51/-8.11	-7.22/-9.01	-11.61/-12.07	-10.58/-7.84	-9.46/-17.49	-11.56/-8.2	-11.34/-18.08	-9.28/-11.58	-18.49/-10.72	-9.04/-8.8	-6.84/-7.16	-8.84/-6.63	-4.87/-4.84	-4.89/-5.45	-6.48/-5.97	-5.84/-8.38	-12.09/-11.77
Θ(97.5°)	-12.09/-11.11	-10.49/-12	-15.38/-17.29	-18.37/-15.6	-12.11/-11.24	-12.73/-13.49	-11.9/-10.8	-8.64/-6.69	-7.68/-10.15	-7.47/-7.85	-10.08/-9.97	-12.07/-11.98	-7.02/-5.99	-10.58/-18.15	-9.84/-13.61	-17.33/-11.17	-9.94/-8.6	-5.24/-4.54	-6.02/-5.97	-4.97/-4.36	-3.71/-4.03	-5.93/-7.36	-6.7/-7.45	-9.78/-10.96
Θ(105°)	-10.07/-11.42	-12.02/-14.3	-19.25/-18.01	-17.83/-13.54	-13.01/-13.23	-13.24/-12.03	-12.1/-10.73	-7.2/-5.78	-7.27/-9.67	-7.82/-8.48	-8.77/-5.68	-6.02/-8.92	-10.59/-9.3	-13.4/-17.99	-8.35/-10.44	-18.4/-12.43	-9.18/-9.83	-6.95/-5.61	-6.65/-5.85	-4.11/-4.16	-3.91/-3.73	-4.3/-6.04	-7.94/-8.85	-9.5/-9.33
Θ(112.5°)	-11.52/-11.59	-11.46/-12.14	-13.64/-15.25	-14.94/-14.59	-14.6/-12.25	-11.09/-11.33	-10/-7.08	-5.5/-6.36	-11.08/-8.84	-4.04/-3.89	-4.99/-5.44	-8.07/-15.47	-9.63/-6.5	-9.98/-10.54	-6.85/-8.77	-18.46/-16.46	-10.59/-9.02	-6.4/-6.19	-8.69/-7.74	-4.91/-3.7	-3.65/-4.6	-5.49/-5.76	-6.68/-8.28	-10.2/-12.06
Θ(120°)	-10.45/-13.2	-15.3/-15.46	-17.19/-18.85	-18.53/-18.22	-18.17/-14.09	-11.96/-9.78	-8.54/-8.38	-8.38/-8.45	-7.51/-4.22	-2.48/-4.1	-10.32/-9.79	-6.84/-6.37	-4.78/-3.47	-5.33/-10.11	-10.54/-11.85	-15.87/-13.25	-12.58/-10.8	-6.18/-5.8	-8.18/-8.71	-6.64/-4.53	-3.1/-3.38	-5.48/-7.85	-6.83/-8.55	-7.82/-8.09
Θ(127.5°)	-8.78/-9.61	-11.37/-12.9	-13.95/-15.14	-16.64/-17.89	-16.55/-13.16	-10.52/-10.05	-9.93/-6.87	-4.6/-4.82	-8.56/-6.77	-6.12/-7.46	-6.34/-3.06	-1.96/-3.58	-5.11/-5.61	-9/-18.86	-18.53/-17.48	-14.61/-11.08	-13.59/-11.65	-7/-6.48	-4.72/-3.83	-4.45/-5.71	-7.47/-10.25	-11.49/-9.61		
Θ(135°)	-11.5/-12.37	-13.9/-14.45	-14.42/-15.7	-18/-18.46	-12.49/-10.95	-11.77/-11.93	-8.31/-5.87	-6.14/-9.38	-10.68/-5.37	-2.58/-2.19	-2.95/-2.9	-3.08/-5.42	-9.45/-12.23	-15.65/-18.15	-18.95/-19.3	-19.01/-14.53	-16.9/-17.11	-10.55/-8.84	-7.44/-5.28	-4.05/-4.49	-5.48/-5.78	-6.18/-6.54	-6.17/-6.6	-8.5/-10.37
Θ(142.5°)	-8.43/-9.49	-12.18/-17.32	-18.8/-18.35	-16.46/-16.16	-14.08/-14.87	-13.73/-9.93	-7.87/-7.39	-8.09/-7.92	-5.12/-2.42	-1.23/-1.95	-4.22/-6.08	-6.85/-9.01	-11.93/-13.89	-14.92/-16.13	-17.17/-17.73	-18.67/-18.06	-18.97/-18.64	-12.56/-9.54	-7.9/-6.24	-4.43/-3.53	-3.69/-4.38	-5.5/-5.78	-8.05/-8.45	-8.11/-8.32
Θ(150°)	-15.45/-10.8	-12.22/-14.21	-14.88/-14.38	-14.52/-14.31	-12.65/-10.54	-8.72/-7.83	-7.71/-7.5	-7.01/-5.8	-3.85/-2.23	-1.74/-2.98	-6.42/-10.58	-9.67/-7.84	-7.89/-9.21	-11.18/-13.48	-15.85/-16.5	-15.94/-14.61	-12.19/-10.12	-8.52/-7.57	-7.52/-7.41	-5.93/-4.11	-3.15/-2.75	-2.96/-4.14	-5.61/-9.23	-11.75/-10.12
Θ(157.5°)	-12.29/-13.8	-13.88/-13.39	-13.35/-14.46	-15.07/-12.88	-11.14/-11.52	-12.32/-11.08	-8.31/-6.13	-4.62/-3.35	-2.28/-1.88	-2.5/-4.74	-8.27/-10.17	-8.09/-6.55	-6.35/-7.53	-9.95/-13.65	-18.13/-17.98	-14.24/-11.05	-8.61/-7.19	-6.64/-6.73	-7.22/-7.48	-6.72/-5.08	-3.63/-2.57	-2.11/-2.39	-3.37/-4.98	-7.06/-9.22
Θ(165°)	-6.62/-8.07	-9.94/-12.9	-15.02/-13.75	-13.49/-13.73	-14.56/-12.27	-7.8/-5.1	-3.76/-3.26	-3.09/-2.98	-3/-3.32	-4.1/-5.56	-6.58/-7.05	-6.4/-7.06	-6.29/-7.49	-9.97/-13.84	-17.75/-17.92	-17.09/-13.23	-10.75/-9.51	-9.03/-8.9	-8.65/-8.19	-7.35/-6.96	-4.4/-3.1	-2.36/-2.2	-2.53/-3.2	-4.03/-5.15
Θ(172.5°)	-4.79/-6.13	-7.77/-9.02	-10.59/-11.53	-12.32/-12.99	-9.65/-6.44	-6.64/-13.3	-4.27/-4.55	-4.52/-4.51	-4.61/-7.84	-4.95/-5.15	-5.31/-5.87	-6.24/-10.14	-8.44/-10.49	-13.47/-18.49	-17.78/-17.89	-17.69/-17.77	-18.62/-16.2	-13.35/-11.35	-9.71/-8.24	-6.74/-5.3	-4.08/-3.16	-2.61/-2.45	-2.57/-2.89	-3.42/-4.04
Θ(180°)	-5.5/-6.61	-7.77/-9.02	-10.92/-13.97	-16.21/-12.73	-9.51/-7.94	-7.85/-8.59	-8.92/-8.51	-7.9/-7	-6.08/-5.16	-4.56/-4.46	-4.71/-5.32	-6.22/-7.38	-8.9/-11.32	-13.49/-14.53	-13.29/-12.31	-12.9/-15.21	-14.96/-12	-10.01/-8.51	-9.07/-5.71	-4.47/-3.5	-2.81/-2.37	-2.22/-2.36	-2.78/-3.43	-4.2/-4.95
Freq(Hz)	2.45GPol	ThetaAnt. 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	-12.61/-11.69	-11.32/-11.48	-10.98/-9.84	-9.05/-8.58	-8.63/-9.75	-11.32/-11.99	-11.65/-11.35	-11.59/-12.06	-12.04/-11.92	-11.93/-11.74	-11.27/-10.62	-10.27/-10	-10.35/-10.88	-11.58/-11.04	-9.74/-8.96	-8.88/-9.14	-9.46/-9.37	-9.91/-9.47	-9.96/-10.66	-11.22/-11.42	-11.58/-11.58	-11.69/-11.89	-12.29/-13.01	-13.12/-12.68
Θ(7.5°)	-10.7/-10.91	-10.98/-10.55	-9.82/-9.16	-8.81/-7.92	-7.34/-7.1	-7.27/-7.8	-8.09/-8.73	-7.39/-7.09	-7.23/-7.83	-8.72/-9.78	-10.54/-11.21	-11.83/-13.07	-14.53/-16.05	-17.26/-17.32	-15.29/-13.32	-12.43/-13.05	-14.37/-16.04	-16.58/-17.21	-19.34/-18.11	-19.03/-18.72	-15.9/-14.22	-13.34/-12.68	-12.01/-11.32	-10.89/-10.35
Θ(15°)	-10.19/-11.31	-12.15/-12.01	-10.95/-9.72	-8.68/-7.63	-6.5/-6.5	-8.11/-3.99	-4.52/-4.98	-5.37/-5.5	-4.51/-5.39	-5.29/-5.39	-5.59/-6.07	-6.81/-7.9	-9.16/-10.3	-10.48/-11.5	-12.13/-14.61	-14.04/-13.84	-15.34/-14.02	-14.53/-15.06	-14.24/-12.37	-10.62/-9.64	-9.25/-9.37	-9.45/-9.52	-9.42/-9.09	-8.87/-9.14
Θ(22.5°)	-6.95/-7.72	-8.36/-8.84	-9.24/-8.94	-7.62/-5.74	-4.08/-2.98	-2.41/-2.01	-1.97/-2.24	-2.76/-3.45	-4.11/-4.27	-3.8/-3.03	-2.61/-2.69	-3.08/-3.87	-4.68/-5.31	-5.93/-6.49	-6.88/-7.14	-7.18/-6.98	-7.05/-7.23	-7.75/-8.48	-8.82/-8.23	-7.3/-6.42	-5.98/-5.91	-6.1/-6.12	-5.99/-5.8	-5.72/-6
Θ(30°)	-5.11/-5.52	-5.46/-5.17	-4.75/-4.38	-4.03/-3.64	-2.73/-1.57	-0.83/-3.0	-0.110.09	0.19/-0.15	1.14/-2.5	-3.14/-2.52	-1.84/-1.79	-2.25/-2.92	-3.54/-4	-4.53/-5.12	-5.5/-5.67	-5.77/-5.45	-5.38/-4.53	-5.69/-6.04	-6.32/-4.46	-6.27/-5.54	-4.73/-4.1	-3.78/-3.6	-3.33/-3.23	-3.47/-4.12
Θ(37.5°)	-4.52/-4.47	-3.8/-2.78	-1.82/-1.32	-1.41/-1.81	-2/-1.42	-0.470.22	0.550.89	1.46/-1.77	2.22/-1.44	-1.96/-1.83	-1.36/-1.76	-2.85/-3.81	-4.39/-5	-5.83/-6.68	-7.28/-6.77	-7.8/-7.73	-7.88/-7.9	-6.76/-6.45	-5.38/-4.72	-4.49/-4.26	-3.83/-3.25	-2.77/-2.41	-2.23/-2.44	-3.05/-3.62
Θ(45°)	-4.62/-3.94	-2.76/-1.63	-0.8/-0.46	-0.58/-0.97	-1.62/-1.92	-1.48/-0.66	0.0/-4.7	1.22/-1.96	2.27/-1.44	0.0/-7	-1.2/-2.7	-4.12/-4.87	-4.75/-5.4	-7.22/-9.68	-11.49/-11.46	-11.83/-10.89	-10.23/-9.67	-8.61/-7.43	-5.58/-4.06	-3.28/-2.9	-2.69/-2.32	-1.73/-1.34	-1.59/-2.39	-3.54/-4.45
Θ(52.5°)	-4.75/-3.57	-2.41/-1.63	-1.2/-1.04	-1.16/-1.4	-1.93/-2.69	-3.07/-2.18	-0.760.28	0.91/-66	2.37/-2.32	1.250	-1.02/-3.45	-6.48/-4.54	-3.94/-5.47	-8.91/-10.65	-10.98/-11.11	-11.86/-12.37	-10.95/-9.74	-5.19/-3.75	-2.94/-2.05	-1.66/-1.72	-1.88/-1.87	-1.09/-0.38	-0.76/-2.14	-3.85/-5.01
Θ(60°)	-4.81/-3.62	-2.72/-2.19	-1.79/-1.65	-1.98/-2.55	-3.12/-3.72	-3.84/-2.74	-1.170.06	0.92/-54	2.120.07	0.87/-0.84	-1.75/-4.09	-6.01/-2.18	-2.1/-4.36	-8.19/-9.53	-8.94/-9.57	-10.81/-8.54	-8.06/-6.53	-4.22/-2.85	-2.33/-1.42	-0.54/-0.43	-0.89/-1.61	-1.36/-0.46	-0.6/-1.75	-3.14/-4.63
Θ(67.5°)	-4.66/-3.78	-3.19/-2.51	-1.73/-1.5	-2.15/-3.16	-3.87/-3.89	-3.25/-2.15	-1.16/-0.18	0.96/-1.78	1.94/-1.23	-0.85/-1.61	-1.41/-2.94	-3.46/-1.21	-1.81/-5.52	-10.39/-10.96	-10.44/-9.48	-7.5/-5.73	-4.35/-3.04	-2.25/-1.75	-2.35/-2.29	-1.53/-1.04	-1.03/-1.21	-1.24/-0.85	-1.02/-2.04	-2.76/-3.71
Θ(75°)	-4.31/-3.97	-3.72/-2.84	-1.61/-1.34	-1.89/-2.6	-2.92/-2.99	-2.86/-2.31	-1.76/-1.12	0.05/-1.45	1.710.63	-0.58/-1.07	-1.07/-3.44	-5.8/-2.67	-2.41/-5.11	-7.69/-6.94	-6.63/-7.52	-8.43/-8.05	-5.99/-3.37	-1.58/-1.36	-2.03/-2.04	-1.74/-2.18	-2.74/-2.11	-1.29/-1.02	-1.25/-2.45	-2.95/-3.26
Θ(82.5°)	-4.58/-4.14	-4.02/-3.7	-2.63/-2.13	-2.21/-2.18	-2.35/-3.31	-4.34/-3.56	-2.01/-1.36	-0.21/-5.8	2.210.56	-1.75/-2.38	-2.74/-2.8	-4.24/-3.14	-1.04/-3.06	-4.49/-3.5	-3.29/-4.03	-5/-6.02	-5.99/-4.19	-2.37/-2.5	-4.11/-3.7	-2.05/-1.91	-3.24/-3.67	-2.17/-1.79	-1.67/-2.84	-4.07/-3.86
Θ(90°)	-5.44/-3.75	-2.41/-1.86	-1.35/-1.2	-1.67/-2.53	-3.94/-3.58	-5.13/-3.06	-2.04/-1.53	0.12/-1.9	-1.87/-1.34	-4.36/-2.64	-2.9/-3.73	-4.97/-2.95	-1.82/-3.3	-5.39/-4.61	-4.08/-4.06	-3.78/-4.65	-5.68/-4.7	-2.61/-2.1	-3.79/-5.85	-5.34/-4.25	-4.28/-4.45	-3.22/-2.94	-2.66/-2.88	-4.57/-4.86
Θ(97.5°)	-5.36/-4.59	-2.8/-																						



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(90°)	-8.62/-15.19	-11.46/-9.63	-7.13/-10.8	-11.69/-8.4	-8.86/-6.82	-11.38/-13.04	-12.27/-8.95	-10.4/-10.45	-11.5/-18.03	-12.26/-8.7	-5.89/-6.05	-4.25/-6.66	-4.18/-4.34	-13.9/-8.39	-4.3/-17.96	-17.88/-18.28	-5.85/-11.85	-10.6/-3.05	-2.83/-8.94	-6.66/-1.81	-4.66/-4.47	-8.11/-6.51	-8.88/-9.08	-11.1/-13.8
Θ(97.5°)	-10.99/-13.07	-11.9/-8.96	-7.17/-10.13	-13.47/-11.81	-11.37/-8.45	-11.46/-11.79	-15.8/-10.36	-13.11/-11.42	-15.99/-17.73	-17.55/-9.69	-6.47/-5.47	-6.62/-4.97	-5.09/-4.34	-11.35/-11.98	-5.41/-14.55	-18.66/-11.59	-7.27/-9.63	-9.06/-2.86	-1.33/-7.76	-5.01/-3.65	-5.74/-4.02	-9.44/-6.68	-9.25/-11.41	-10.87/-11.52
Θ(105°)	-15.09/-12.79	-11.78/-11.11	-8.97/-11.5	-13.6/-13.7	-12.56/-10.57	-12.66/-11.54	-16.46/-11.95	-15.58/-15.01	-13.06/-17.48	-18.09/-12.66	-11.78/-5.64	-5.08/-3.7	-6.62/-5.17	-13.03/-9.97	-6.26/-15.92	-13.54/-11.59	-9.66/-13.86	-8.33/-3.34	-4.59/-5.29	-7.51/-3.59	-4.38/-7.24	-10.71/-8.2	-9.72/-10.52	-14.68/-10.33
Θ(112.5°)	-13.73/-12.49	-11.93/-11.05	-14.81/-13.98	-14.39/-19.43	-14.31/-10.15	-12.04/-10.86	-15.23/-10.32	-18.2/-17	-14.83/-15.35	-18.97/-13.01	-11.98/-7.71	-6.5/-6.19	-8.82/-6.49	-13.02/-14.1	-9.01/-12.24	-17.57/-18.4	-18.53/-17.61	-11.13/-4.51	-4.09/-5.35	-8.73/-7.9	-4.3/-5.4	-12.19/-8.39	-11.64/-10.63	-12.9/-10.07
Θ(120°)	-18.77/-12.17	-14.79/-12.49	-13.86/-15.64	-18.72/-18.07	-16.88/-13.3	-11.44/-10.9	-15.75/-11.95	-13.77/-12.18	-18.52/-18.53	-17.86/-18.02	-18.21/-11.56	-9.58/-11.17	-9.4/-13.05	-15.04/-11.3	-13.91/-12.37	-19.35/-6.57	-18.87/-10.94	-12.5/-11.71	-11.6/-6.82	-9.26/-13.76	-6.66/-7.28	-10.77/-8.52	-13.15/-13.25	-12.92/-11.61
Θ(125°)	-17.49/-17.81	-14.94/-14.92	-18.56/-17.3	-19.12/-17.91	-18.87/-17.68	-15.06/-11.39	-14.31/-17.22	-16.09/-17.44	-17.78/-18.74	-18.27/-17.76	-17.9/-18.07	-18.86/-14.5	-17.52/-18.32	-17.98/-16.57	-17.71/-13.98	-12.85/-9.95	-11.38/-12.26	-16.67/-12.4	-13.11/-12.53	-10.82/-11.64	-10.51/-10.43	-7.13/-8.13	-10.11/-17.68	-11.3/-12.71
Θ(135°)	-18.5/-13.51	-18.58/-17.14	-15.79/-18.41	-18.21/-13.12	-15.22/-16.41	-13.86/-14.83	-16.82/-18.56	-18.31/-16.62	-15.05/-17.55	-18.42/-18.88	-16.05/-16.73	-17.28/-18.02	-18.27/-16.43	-18.58/-10.57	-12.93/-16.18	-13.77/-14.88	-14.54/-12.35	-18.51/-7.62	-8.71/-8.73	-6.75/-10.98	-12.83/-13.17	-7.02/-9.91	-10.36/-12.71	-8.82/-15.82
Θ(142.5°)	-18.16/-16.26	-17.45/-13.7	-18.88/-18.96	-17.37/-18.32	-18.23/-13.53	-13.3/-13.43	-11.92/-10.06	-16.94/-15.69	-15.2/-14.88	-18.24/-18.29	-18.32/-17.76	-17.89/-15.94	-18.3/-14.45	-17.79/-13.72	-14.09/-17.84	-18.27/-17.23	-18.02/-18.61	-14.3/-8.96	-17.54/-7.53	-8.73/-12.39	-10.32/-17.65	-10.1/-11.11	-11.57/-12.04	-12.57/-15.88
Θ(150°)	-18.83/-18.4	-18.36/-17.48	-18.31/-19.07	-17.71/-17.84	-18.03/-14.69	-11.13/-14.74	-17.7/-10.98	-10.57/-17.45	-17.9/-16.93	-18.7/-18	-17.81/-17.83	-15.54/-17.42	-17.98/-18.59	-18.33/-18.29	-15.69/-15.51	-15.4/-18.88	-17.06/-15.81	-13.1/-16.8	-13.27/-7.89	-11.72/-13.46	-11.93/-18.6	-13.88/-11.91	-15.57/-14.47	-15.55/-18.73
Θ(157.5°)	-13.37/-14.27	-18.38/-18.35	-18.89/-17.43	-17.65/-17.5	-17.98/-18.14	-19.38/-17.96	-15.8/-16.14	-16.67/-17.87	-16.66/-15.84	-17.9/-18.96	-17.43/-18.32	-18.72/-18.34	-17.35/-17.45	-18.43/-17.97	-16.52/-17.85	-18.29/-16.98	-13.28/-14.76	-17.59/-16.35	-12.38/-12.81	-14.31/-13.18	-12.25/-18.03	-18.44/-17.66	-17.16/-19	-19.45/-14.98
Θ(165°)	-13.16/-16	-17.42/-17.7	-19.06/-17.8	-17.93/-19.09	-19.12/-18.56	-18.2/-17.3	-18.71/-17.65	-17.28/-18.22	-18.43/-19.17	-17.59/-15.39	-14.73/-16.64	-17.94/-18.27	-18.94/-18.27	-17.35/-18.58	-18.31/-18.47	-18.52/-17.85	-19.1/-18	-18.52/-14.53	-15.71/-18.9	-18.24/-17.6	-17.08/-18.79	-18.8/-15.92	-13.7/-12.24	-12.17/-11.76
Θ(172.5°)	-15.87/-17.16	-18.43/-17.4	-18.29/-17.76	-17.17/-18.49	-18.99/-18.76	-17.92/-16.1	-15.43/-13.73	-12.53/-13.72	-16.85/-18.8	-18.68/-18.31	-16.29/-18.56	-17.71/-18.79	-16.67/-19.14	-17.54/-17.51	-18.4/-18.83	-17.91/-16.87	-14.59/-18.48	-15.72/-15.26	-17.92/-15.21	-14.8/-16.72	-17.59/-18.79	-16.66/-19.15	-16/-15.22	-15.82/-16.63
Θ(180°)	-17.11/-18.92	-18.74/-18.08	-19.03/-17.77	-18.86/-18.29	-19.36/-18.81	-16.67/-15	-14.79/-14.99	-18.47/-18.32	-18.49/-16.98	-18.6/-18.36	-17.5/-18.91	-17.92/-18.5	-17.27/-17.43	-19.1/-18.19	-18.08/-19	-18.25/-17.6	-18.94/-17.87	-17.64/-18.96	-18.48/-18.33	-18.3/-18.6	-17.83/-18.41	-16.88/-18.7	-18.01/-16.37	-16.92/-18.71
Freq(Hz)	5.3GPol.	Theta/Ant. 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-5.43/-3.95	-2.56/-2.96	-1.94/-0.86	-1.68/-1.11	-0.69/-1.04	-0.31/-0.38	-0.82/-0.96	-2.22/-3.2	-3.08/-4.03	-5.22/-5.96	-6.39/-6.92	-7.29/-7.06	-6.05/-4.69	-4.08/-3.23	-2.58/-2.71	-2.28/-1.58	-1.21/-0.89	-1.08/-1.04	-0.98/-1.59	-1.84/-2.26	-2.88/-3.18	-3.89/-4.36	-5.23/-5.13	-4.29/-4.02
Θ(7.5°)	-8.79/-10.38	-7.98/-6.67	-7.15/-4.51	-2.16/-2.74	-1.85/-1.05	-1.86/-0.87	-0.91/-1.53	-1.74/-2.34	-3.36/-2.96	-3.03/-3.65	-4.03/-4.64	-5.2/-5.48	-5.09/-4.04	-3.2/-4.9	-1.7/-1.23	-0.41/-0.69	1.1/-1.01	1.330/-94	0.18/-0.3	-1.85/-2.76	-3.18/-3.41	-3.15/-3.53	-4.12/-4.75	-4.38/-8.87
Θ(15°)	-15.17/-17.82	-18.54/-9.95	-7.17/-55	-2.61/-6.81	-6.56/-4.44	-3.18/-2.81	-5.1/-4.46	-1.9/-2.85	-3.84/-2.06	-3.47/-3.82	-3.75/-3.13	-2.74/-1.81	-1.59/-1.31	-0.68/-0.12	0.41/-0.32	0.94/-1.1	1.59/-1.65	1.19/-94	1.80/-1.7	4.85/-2.7	0.48/-0.2	-0.15/-1.16	-1.55/-1.42	-2.17/-2.87
Θ(22.5°)	-9.34/-17.97	-13.07/-8.66	-6.76/-7.62	-8.17/-7.01	-6.5/-5.69	-3.42/-2.48	-1.22/-1.16	-1.89/-3.2	4.56/-5.52	-5.08/-4.37	-4.3/-2.77	-1.39/-0.59	-1.15/-1.12	-1.02/-0.15	-0.08/-0.76	-0.8/-0.5	0.53/-1.44	0.11/-0.44	-0.58/-1.07	-1.010/-86	0.950/-06	-1.4/-2.27	-2.42/-3.79	-4.87/-6.75
Θ(30°)	-7.24/-18.39	-9.49/-69	-8.8/-13.26	-12.6/-8.7	-6.48/-5.54	-6.02/-4.12	-3.31/-4.84	-5.63/-6.64	-7.43/-5.24	-3.44/-1.97	-2.29/-0.71	0.530/-7	0.89/-81	2.08/-57	3.63/-6	2.070/-82	0.420/-43	1.21/-0.63	-0.8/-0.52	-1.91/-2.88	-0.93/-1.97	-1.780/-29	0.73/-1.21	-1.64/-3.93
Θ(37.5°)	-6.37/-10.45	-9.89/-10.2	-16.6/-4.73	-11.73/-6.02	-13.86/-9.96	-7.57/-8.5	-9.28/-7.56	-8.51/-8.97	-5.62/-3.28	-3.36/-4.04	-2.030/-97	2.12/-62	2.230/-27	5.59/-204	2.172/-18	1.51/-56	3.19/-149	1.19/-186	-2.21/-122	-0.55/-15	0.93/-206	-3.18/-4.26		
Θ(45°)	-1.2/-5.49	-6.52/-7.08	-17.83/-17.51	-12.32/-8.38	-6.68/-9.27	-17.92/-18.11	-17.81/-13.73	-17.68/-10.98	-6.19/-6.4	-6.87/-5.54	-2.59/-1.75	2.482/-44	3.723/-82	2.463/-83	4.674/-72	3.62/-88	1.72/-0.04	2.13/-3	0.97/-0.91	0.18/-2.98	-0.94/-1.44	0.940/-72	-1.17/-1.74	-3.96/-0.27
Θ(52.5°)	-0.26/-4.68	-4.1/-5.53	-14.38/-18.52	-15.12/-10.66	-11.45/-18.59	-10.27/-14	-10.81/-7.3	-19.1/-8.79	-5.29/-4.4	-5.23/-6.02	-0.72/-36	2.693/-02	3.784/-5	4.265/-72	5.935/-86	4.93/-69	2.780/-82	1.68/-172	0.84/-0.02	-0.54/-6.3	-0.992/-54	2.3/-04	-3.45/-0.41	-1.560/-88
Θ(60°)	1.27/-2.52	-5.15/-6.99	-14.26/-18.94	-10.12/-6.43	-8.63/-13.26	-3.82/-7.35	-10.91/-11.39	-13.89/-5.14	-2.22/-1.67	-3.48/-10	-2.190/-71	2.562/-56	1.153/-54	3.295/-26	5.555/-7	2.15/-0.02	1.28/-0.04	-0.850/-48	-0.29/-5.13	-0.960/-79	2.54/-31	-2.65/-3.03	-0.080/-05	
Θ(67.5°)	2.81/-2.07	-6.54/-9.47	-13.87/-10.36	-9.55/-6.88	-4.97/-6.5	-2.52/-5.6	-8.05/-12.27	-12.78/-7.03	-4.55/-0.06	-3.96/-9.84	-0.35/-1.51	3.672/-16	1.04/-1.43	1.284/-77	5.125/-	4.01/-81	2.02/-1.84	-1.730/-56	-0.97/-1.76	-1.39/-2.47	-0.5/-0.36	1.75/-1.61	-2.020/-16	0.75/-0.71
Θ(75°)	2.61/-3.57	-7.31/-10.64	-10.31/-9.75	-11.78/-7.21	-3.53/-6.29	-2.45/-0.61	-5.03/-5.7	-17.27/-12.76	-5.34/-2.22	-3.59/-12.6	-0.57/-1.23	14.14/-57	0.66/-182	-2.24/-209	4.723/-73	2.9/-12	2.360/-54	-7.54/-116	0.822/-72	-1.16/-2.22	-0.15/-1.77	1.12/-17	-1.590/-45	-0.82/-2.22
Θ(82.5°)	0.67/-6.08	-8.81/-11.88	-11.54/-11.25	-13.29/-8.63	-4.59/-8.69	-3.84/-6.26	-3.24/-4.1	-19.15/-13	-7.62/-4.81	-6.23/-437	-0.52/-142	3.652/-09	2.38/-0.07	-2.86/-209	2.220/-96	1.06/-62	1.14/-0.23	-3.76/-126	1.82/-33	-0.78/-3.02	-0.34/-1.84	2.04/-1.24	-0.49/-0.28	-0.57/-2.3
Θ(90°)	-0.84/-7.66	-11.99/-13.68	-14.38/-10.51	-13.96/-9.34	-4.71/-13.6	-5.29/-6.57	-3.03/-2.46	-14.42/-16.03	-13.7/-6.67	-6.67/-8.75	-2.69/-0.25	2.060/-83	-0.620/-41	-2.53/-3.46	-0.25/-2.62	-3.14/-3.56	-2.2/-0.59	-4.940/-97	0.89/-129	-3.06/-5.11	-2.63/-1.45	-2.21/-2	-1.01/-1.41	-1.32/-2.88
Θ(97.5°)	-3.47/-8.18	-13.89/-14.88	-16.62/-13.58	-11.8/-8.02	-5.22/-10.95	-7.56/-6.85	-3.96/-3.43	-13.17/-18.51	-14.34/-7.02	-9.32/-7.75	-4.57/-1.79	0.22/-0.95	-3.38/-4.08	-4.73/-5.8	-5.02/-7.51	-10.19/-4.25	-6.37/-3.55	-8.2/-0.01	-1.49/-2.7	-4.51/-8.4	-2.88/-2.55	-3.51/-3.55	-2.54/-2.05	-2.59/-4.02
Θ(105°)	-5.11/-11.98	-17.43/-18.62	-18.59/-12.91	-11.98/-7.65	-6.5/-9.9	-6.39/-8.53	-5.78/-6.22	-15.43/-18.91	-18.13/-9.87	-8.48/-11.38	-7.79/-6.79	-4.74/-6.74	-9.77/-4.76	-7.29/-11.21	-7.27/-6.09	-6.34/-9.16	-12.24/-7.2	-10.08/-7.38	-8.82/-9.15	-4.26/-3.1	-6.12/-4.5	-3.59/-4.54	-5.76/-4.85	
Θ(112.5°)	-8.96/-13.43	-18.86/-16.94	-18.34/-13.62	-12.98/-9.16	-7.16/-9.84	-6.47/-10.4	-8.8/-6.67	-18.22/-18.35	-18.51/-11.63	-11.82/-10.44	-10.18/-14.52	-11.78/-8.41	-10.1/-6.98	-10.24/-13.07	-7.83/-6.01	-12.38/-8.34	-12.97/-15.14	-17.79/-17.02	-18.39/-11.77	-13.33/-7.37	-8.96/-5.13	-5.58/-4.83	-3.7/-5.73	-6.67/-6.56
Θ(120°)	-8.04/-13.12	-18.78/-15.97	-17.75/-14.63	-10.13/-9.42	-8.76/-8.76	-6.74/-10.21	-7.98/-8.56	-18.46/-18.48	-17.71/-13.34	-10.79/-12.13	-10.72/-13.63	-18.35/-14.45	-9.99/-6.04	-9.32/-15.5	-11.57/-6.83	-18.67/-9.57	-13.56/-10.83	-12.09/-9.77	-9.84/-14.95	-9.11/-8.48	-13.43/-5.89	-6.61/-4.97	-6.64/-5.22	-7.47/-9.96
Θ(127.5°)	-9.03/-14.46	-17.94/-16.32	-19.05/-14.31	-8.01/-9.79	-14.31/-7.85	-9.73/-11.41	-9.31/-12.3	-18.61/-18.63	-18.59/-15.35	-10.91/-12.06	-8.79/-13.17	-16.09/-14.92	-18.76/-12.92	-12.07/-18.45	-19.01/-18.8	-7.19/-13.58	-16.07/-18.41	-15.28/-8.32	-7.05/-11.99	-18.93/-16.24	-16.11/-17.17	-8.12/-9.24	-8.23/-6.58	-5.99/-9.93
Θ(135°)	-12.89/-13.61	-17.58/-18.02	-18.71/-17.01	-12.11/-14	-10.83/-11.42	-13.12/-17.36	-12.67/-13.14	-18.12/-18.69	-18.93/-18.61	-10.59/-15.29	-11.97/-12.92	-15.56/-11.3	-11.16/-7	-8.31/-12.83	-15.98/-19.14	-11.64/-18.8	-15.49/-18.96	-17.52/-17.78	-12.84/-14.49	-13.68/-15.53	-15.89/-10.37	-17.8		



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(142.5°)	-15.52/-18.95	-19.12/-16.68	-18.13/-17.58	-17.1/-14	-14.51/-12.27	-14.28/-13.34	-17.42/-12.77	-9.5/-7.53	-9.99/-17.94	-10.22/-9.4	-14.23/-19.07	-14.11/-13.56	-10.89/-11.25	-12.32/-14.64	-15.58/-17.27	-18.34/-17.85	-17.93/-13.91	-12.05/-8.37	-9.77/-9.93	-10.94/-18.18	-11.04/-9.16	-10.48/-9.09	-9.87/-11.06	-12.28/-17.95	
Θ(150°)	-14.13/-17.06	-18.92/-18.96	-18.4/-17.82	-17.78/-19.3	-17.43/-16.08	-10.76/-10.9	-12.06/-14.3	-14.74/-12.21	-7.64/-8.3	-18.47/-11.92	-7.18/-6.35	-7.78/-11.22	-13.37/-12.84	-17.19/-18.15	-19.15/-18.63	-17.63/-17.43	-14.14/-13.27	-12.69/-8.04	-8.67/-6.94	-8.13/-14.22	-14.32/-11.07	-11.49/-11.63	-10.78/-10.32	-12.9/-16.97	
Θ(157.5°)	-18.66/-18.39	-18.76/-18.68	-18.53/-18.04	-18.58/-18.56	-18.16/-14.25	-13.28/-10.56	-13.01/-9.91	-9.69/-9.65	-9.1/-9.64	-7.12/-5.94	-5.7/-8.21	-12.25/-15.7	-12.52/-16.86	-18.28/-17.86	-19.32/-18.39	-18.29/-17.29	-15.16/-12.79	-12.18/-11.6	-8.92/-6.89	-7.12	-13.73/-17.04	-13.88/-12.36	-15.52/-15.98	-15.66/-17.52	
Θ(165°)	-17.91/-18.59	-18.76/-18.16	-18.51/-17.57	-17.52/-18.62	-15.88/-17.23	-12.9/-11.39	-9.21/-11.87	-15.02/-10.19	-7.67/-7.1	-6.57/-8.46	-10.79/-14.8	-15.56/-16.34	-15.96/-15.41	-16.07/-17.98	-17.97/-18.73	-18.65/-18.35	-19.01/-17.43	-16.02/-15.6	-13.44/-10.83	-10.53/-10.38	-10.07/-10.38	-12.21/-15.32	-15.42/-15.29	-15.86/-18.23	
Θ(172.5°)	-10.33/-12.51	-15.64/-17.1	-18/-18.06	-18.04/-18.54	-18.71/-18.05	-18.71/-14.61	-14.74/-12.67	-8.83/-7.27	-7.22/-8.83	-12.44/-16.57	-12.2/-10.16	-11.37/-16	-18.51/-17.17	-16.83/-19.19	-19.07/-17.68	-18.21/-18.47	-18.54/-16.86	-18.05/-14.67	-14.98/-12.92	-11.17/-9.39	-8.74/-8.64	-9.45/-10.28	-10.45/-11.45	-11.79/-10.58	
Θ(180°)	-11.02/-10.99	-12.82/-16.11	-17.66/-18.89	-18.5/-18.56	-18.33/-17.31	-15.5/-13.34	-11.7/-9.55	-8.23/-10.89	-14.89/-14.32	-13.45/-12.99	-11.96/-14.92	-16.56/-12.22	-10.13/-10.06	-9.7/-12.17	-18.56/-18.41	-18.81/-17.33	-17.76/-14.46	-12.81/-11.03	-9.73/-8.49	-7.7/-7.1	-6.69/-6.83	-7.56/-7.6	-7.19/-8.44	-8.27/-9.61	
Freq(Hz)	6.475GPol.	ThetaAnt.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gain	Φ(0°)*Φ(7.5°)	Φ(15°)*Φ(22.5°)	Φ(30°)*Φ(37.5°)	Φ(45°)*Φ(52.5°)	Φ(60°)*Φ(67.5°)	Φ(75°)*Φ(82.5°)	Φ(90°)*Φ(97.5°)	Φ(105°)*Φ(112.5°)	Φ(120°)*Φ(127.5°)	Φ(135°)*Φ(142.5°)	Φ(150°)*Φ(157.5°)	Φ(165°)*Φ(172.5°)	Φ(180°)*Φ(187.5°)	Φ(195°)*Φ(202.5°)	Φ(210°)*Φ(217.5°)	Φ(225°)*Φ(232.5°)	Φ(240°)*Φ(247.5°)	Φ(255°)*Φ(262.5°)	Φ(270°)*Φ(277.5°)	Φ(285°)*Φ(292.5°)	Φ(300°)*Φ(307.5°)	Φ(315°)*Φ(322.5°)	Φ(330°)*Φ(337.5°)	Φ(345°)*Φ(352.5°)	
Θ(0°)	1.34/2.02	2.73/3.3	3.75/4.01	3.95/4.12	3.85/3.72	3.21/2.49	1.74/0.63	0.11/-1.46	-0.3/-4.68	-5.83/-5.75	-4.21/-2.92	-1.52/0.1	1.22/1.84	2.88/3.47	3.91/4.06	3.61/3.46	2.63/2.31	1.67/0.88	-0.68/-1.89	-3.21/-4.45	-5.14/-4.98	-3.71/-1.93	-0.75/0.36		
Θ(7.5°)	1.06/2.2	2.95/3.62	3.84/4.11	4.18/4.17	4.08/3.69	3.51/2.65	2.11/1.04	0.25/-0.66	-2.55/-4.16	-4.72/-4.45	-2.98/-1.63	-0.48/0.37	1.26/2.24	3.24/3.34	3.54/0.2	3.88/3.67	3.5/2.85	2.61/1.5	0.91/-0.13	-1.52/-2.61	-4.27/-5.46	-6.53/-6.36	-4.49/-2.64	-1.29/0.17	
Θ(15°)	-0.46/0.41	1.03/1.21	1.48/1.68	1.28/1.86	1.59/1.77	1.52/1.48	0.92/0.28	-0.52/-1.68	-2.58/-3.47	-3.19/-2.56	-1.56/-1	-0.16/0.4	1.74/3.05	3.76/3.86	3.95/3.92	4/3.4	2.92/2.61	1.91/3.1	0.57/-0.54	-1.89/-3.87	-5.61/-6.43	-7.4/-8.04	-6.71/-3.78	-1.88/-0.84	
Θ(22.5°)	-3.75/-2.14	-1.44/-1.61	-1.16/-0.03	0.18/1.39	0.91/0.73	0.22/0.4	0.38/-0.24	-0.39/-1.74	-2.09/-2.24	-3.12/-2.5	-1.22/0.06	0.95/-0.12	1.95/3.04	3.92/3.91	3.5/3.41	3.27/2.27	2.12/1.21	0.28/-1.61	-1.21/-1.82	-2.52/-3.91	-4.95/-5.22	-6.89/-8.8	-9.45/-7.8	-4.74/-6.65	
Θ(30°)	-10.88/-9.93	-6.54/-6.36	-5.32/-3.24	-1.85/-1.74	-1.38/-2.14	-2.09/-2.58	-1.9/-1.76	-1.35/-1.66	-2.28/-1.51	-1.83/-1.69	-1.45/-0.56	0.07/0.86	1.73/2.73	2.99/3.35	3.42/3.18	2.92/2.37	0.37/-0.01	-1.02/-2.31	-3.35/-4.13	-5.78/-4.61	-4.14/-4.26	-6.6/-7.73	-9.58/-14.57	-11.61/-10.93	
Θ(37.5°)	-17.18/-19.07	-18/-11.58	-8.52/-4.96	-8.69/-6.62	-3.74/-1.57	-1.61/-1.25	-1.86/-1.16	-0.9/-0.48	0/-1.1	-0.73/-0.51	-0.69/-0.35	0.14/0.98	1.27/1.59	2.69/3.15	3.33/2.22	2.15/1.53	0.47/-1.43	-2.57/-3	-2.97/-4.19	-5.39/-7.55	-4/-2.5	-3.5/-4.45	-6.03/-9.31	-13.82/-13.02	
Θ(45°)	-9.85/-17.01	-6.38/-15.6	-17.98/-11.24	-6.49/-5.6	-1.96/-1.62	-1.63/-0.58	-1.12/-0.03	0.79/-1.4	-1.03/0.02	-0.07/0.28	-0.07/0.66	1.21/1.14	2.06/3.06	1.96/1.18	-1.88/-3.79	-4.44/-3.45	-2.19/-4.36	-4.2/-5.49	-3.91/-5.31	-2.32/-2.84	-4.7/-4.81	-6.67/-3.72			
Θ(52.5°)	-7.75/-9.47	-7.73/-7.68	-10.96/-9.79	-7.7/-5.94	-3.4/-1.39	-1.31/-2.65	-2.1/-1.15	-0.9/-1.67	-1.07/-0.52	0.4/-0.08	-2.52/-1.46	-0.39/-1.85	-1.74/-1.57	-1.09/0.61	2.51/1.55	-0.01/-1.53	-3.84/-5.43	-3.17/-1.45	-1.6/-0.91	-2.22/-3.1	-1.71/-1.07	-2.49/-2.53	-2.02/-1.09	-3.21/-5.54	
Θ(60°)	-5.19/-4.2	-4.15/-4.77	-7.17/-3.26	-3.87/-3.77	-1.32/-0.34	0.94/-1.77	-3.46/-0.73	-1.63/-1.05	-2.27/-1.14	-1.17/0.34	-1.57/-0.16	-3.46/-2.18	-2.67/-4.16	-3.31/-3.57	-3.56/-2.79	-0.35/-0.15	-1.69/-4.24	-6.88/-9.74	-3.77/-2.39	-3.66/-2.07	-2.56/-2.25	-0.78/-1.06	-2.31/-1.14	-0.35/-0.95	-1.91/-3.55
Θ(67.5°)	-2.72/-3.91	-2.91/-5.44	-4.01/-2.26	-3.31/-2.78	-2.64/-1.69	-1.86/-1.57	-2.91/-2.24	-1.02/-1.29	-2.81/-0.13	-1.77/-1.16	-4.22/-5.33	-5.76/-6.43	-7.41/-5.48	-4.94/-4.59	-2.46/-2.63	-3.14/-6.47	-2.77/-9.31	-5.34/-5.36	-6.11/-4.12	-4.34/-4.28	-1.96/-2.18	-1.68/-1.24	-0.44/-1.12	-2.19/-2.12	
Θ(75°)	-2.76/-3.69	-3.25/-4.34	-3.17/-1.8	-1.81/-2.19	-1.67/-1.46	-1.38/-3.68	-2.56/-2.88	-1.55/-1.49	-3.25/-2.31	-2.05/-2.46	-4.91/-6.23	-7.98/-7.14	-15.39/-11.12	-8.89/-8.83	-5.28/-5.97	-6.06/-9.08	-8.34/-5.84	-4.11/-9.13	-5.93/-3.41	-2.06/-3.24	-3.32/-2.93	-3.5/-1.08	-0.55/-1.1	-2.36/-1.3	
Θ(82.5°)	-3.61/-3.47	-2.45/-2.63	-2.27/-1.56	-1.56/-1.07	-1.12/-1.28	-1.26/-4.35	-4.46/-3.76	-2.8/-4.22	-3.29/-4.03	-2.33/-4.14	-6.27/-6.84	-7.91/-9.28	-17.42/-12.94	-12.26/-12.94	-9.09/-7.94	-7.48/-8.85	-8.37/-7.54	-4.23/-9.58	-4/-1.92	-1.1/-1.47	-4.91/-3.94	-3.29/-2.6	-1.03/-1.2	-2.51/-1.2	
Θ(90°)	-4.15/-3.21	-2.99/-2.52	-2.53/-1.99	-1.46/-1.16	-1.63/-1.58	-2.44/-3.72	-1.84/-1.43	-3.88/-6.37	-4.05/-6.62	-3.81/-4.97	-6.98/-8.67	-7.72/-10.87	-14.21/-13.93	-18.23/-13.53	-13.27/-10.37	-9.68/-12.21	-8.6/-13.87	-7.61/-11.47	-3.91/-3.12	-3.32/-5.08	-5.26/-4.5	-5.91/-3.85	-2.85/-2.54	-2.86/-2.75	
Θ(97.5°)	-4.64/-3.53	-3.28/-2.95	-3.62/-3.4	-2.36/-2.24	-1.46/-3.62	-2.83/-2.79	-3.83/-3.18	-6.6/-6.9	-6.68/-6.77	-4.99/-5.41	-8.64/-8.46	-10.75/-12.66	-18.23/-18.97	-18.84/-12.92	-10.16/-12.89	-16.72/-16.89	-15.16/-13.11	-18.35/-13.1	-7.12/-6.5	-9.29/-8.97	-6.51/-5.89	-5.54/-5.1	-3.65/-2.86	-3.51/-3.4	
Θ(105°)	-5.19/-3.92	-3.63/-3.64	-4.18/-4.96	-3.97/-5.24	-3.33/-4.4	-2.19/-2.58	-3.88/-4.78	-9.75/-10.72	-10.61/-13.05	-16.39/-18.05	-18.02/-18.42	-18.08/-13.4	-10.84/-10.78	-12.09/-11.34	-12.02/-13.44	-12.87/-14.05	-12.06/-11.93	-14.26/-16.8	-17.72/-17.16	-17.23/-18.74	-14.66/-13.47	-14.74/-13.27	-11/-10.3	-7.37/-5.58	
Θ(112.5°)	-3.83/-3.88	-5.25/-5.17	-5.92/-5.7	-5.69/-4.38	-4.19/-5.27	-2.62/-2	-4/-5.42	-8.74/-9.73	-9.32/-10.06	-6.58/-7.23	-10.28/-12.77	-16.68/-15.67	-15.65/-15.87	-18.04/-13.6	-18.25/-11.08	-10.45/-14.84	-18.49/-9.63	-13.28/-17.27	-15.68/-10.14	-18.59/-12.39	-8.43/-13.55	-7.45/-6.81	-5.33/-3.89	-3.67/-2.26	
Θ(120°)	-4.86/-8.75	-7.01/-7.56	-6.32/-4.69	-4.03/-4.51	-5.39/-3.93	-3.01/-3.83	-5.95/-6.35	-9.42/-10.44	-9.04/-9.25	-8.5/-9.09	-9.73/-14.15	-16.49/-15.15	-14.69/-14.26	-18.76/-17.47	-15.49/-14.51	-15.97/-18.59	-17.49/-18.93	-18.66/-18.63	-15.95/-13.74	-13.98/-15.89	-12.6/-8.08	-11.46/-6.61	-6.83/-5.3	-4.93/-3.63	
Θ(127.5°)	-8.19/-7.61	-9.34/-8.29	-6.54/-4.4	-5.42/-7.69	-8.08/-6.15	-4/-4.58	-6.67/-7.72	-8.99/-9.43	-6.66/-7.98	-12.21/-11.09	-14.5/-11.37	-12.83/-18.66	-18.6/-18.19	-16.56/-17.79	-15.4/-15.37	-7.54/-18.95	-17.64/-12.29	-18.67/-18.12	-19.28/-12.18	-14.32/-13.26	-10.72/-7.63	-12.3/-7.17	-8.04/-8.53	-6.58/-5.02	
Θ(135°)	-7.78/-9.03	-7.87/-8.5	-6.95/-6.23	-7.25/-7.56	-7.74/-6.53	-6.68/-10.46	-11.44/-9.39	-12.53/-10.71	-12.31/-10.57	-11.64/-15.63	-13.47/-13.53	-13.73/-12.43	-14.46/-17.91	-14.92/-9.11	-17.99/-17.35	-19.29/-18.3	-18.8/-15.11	-10.98/-15.87	-18.31/-10.87	-9.76/-13.15	-7.56/-7.86	-8.57/-8.17	-7.86/-6.66		
Θ(142.5°)	-8.07/-5.18	-6.45/-7.07	-8.16/-10.32	-8.06/-8.62	-6.66/-5.19	-5.6/-6.19	-7.81/-9.76	-10.91/-10.59	-10.12/-14.17	-11.84/-13.94	-12.86/-11.13	-13.86/-15	-12.44/-14.55	-16.8/-17.42	-19.1/-18.14	-14.82/-18.18	-17.23/-18.99	-17.24/-18.52	-17.42/-14.39	-12.85/-18.73	-18.67/-10.72	-8.6/-9.42	-7.54/-9.28	-6.72/-8.17	
Θ(150°)	-10.9/-9.08	-8.43/-9.98	-11.1/-9.89	-10.48/-8.35	-7.14/-6.41	-7.46/-7.81	-8.59/-8.2	-10.59/-13.96	-14.22/-9.93	-11.3/-3.46	-12.12/-10.86	-10.37/-12.86	-18.47/-17.92	-17.26/-14.13	-17.89/-18.47	-13.77/-1.74	-18.28/-18.26	-16.73/-15.73	-18.07/-18.02	-17.13/-16.4	-13.13/-18.79	-19.02/-13.08	-12.11/-10.53	-11.07/-10.58	
Θ(157.5°)	-10.85/-11.63	-12.51/-11.35	-9.64/-9.23	-8.81/-7.79	-7.18/-7.14	-8.37/-8.83	-10.62/-10.06	-8.98/-9.25	-13.11/-15.65	-12.21/-12.91	-15.1/-1.82	-19.21/-17.89	-14.84/-11.91	-12.21/-11.32	-14.92/-17.69	-17.83/-16.23	-15.4/-13.47	-15.79/-18.18	-18.61/-18.68	-18.14/-15.81	-14.44/-12.04	-15.92/-15.32	-10.76/-10.84	-11.73/-12.99	
Θ(165°)	-8.85/-10.07	-9.07/-8.61	-7.65/-7.23	-7.48/-7.37	-7.14/-7.54	-8.53/-9.62	-10.08/-9.98	-9.75/-10.72	-10.61/-13.05	-16.39/-18.05	-18.02/-18.42	-18.08/-13.4	-10.84/-10.78	-12.09/-11.34	-12.02/-13.44	-12.87/-14.05	-12.06/-11.93	-14.26/-16.8	-17.72/-17.16	-17.23/-18.74	-14.66/-13.47	-14.74/-13.27	-11/-10.3	-7.37/-5.58	
Θ(172.5°)	-9.04/-7.72	-8.35/-8.74	-8.44/-10.34	-10.36/-9.46	-8.67/-10.01	-9.9/-8.37	-9.64/-9.98	-12.51/-14.4	-14.69/-14.99	-15.04/-16.8	-18.09/-15.28	-13.59/-13.2	-14.05/-15.61	-13.19/-11.26	-10.45/-9.02	-9.94/-10.01	-11.63/-14.11	-14.65/-14.27	-14.27/-15.69	-17.14/-17.82	-17.63/-16.26	-16.11/-13.72	-11.64/-12.63	-11.93/-9.91	
Θ(180°)	-10.43/-10.18	-9.45/-8.13	-8.56/-8.81	-8.34/-6.97	-7.92/-8.92	-10.07/-10.42	-11.36/-12.81	-13.17/-12.26	-14.14/-17.52	-17.22/-17.72	-18.32/-19.19	-16.68/-13.13	-11.67/-9.35	-7.74/-7.63	-8.88/-9.08	-9.16/-8.74	-8.07/-8.84	-8.91/-10.63	-12.03/-12.68	-13.12/-14.09	-17.25/-18.45	-17.86/-18.02	-16.57/-14.25	-13.16/-11.89	
Freq(Hz)	6.695GPol.	PhiAnt.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gain	Φ(0°)*Φ(7.5°)	Φ(15°)*Φ(22.5°)	Φ(30°)*Φ(37.5°)	Φ(45°)*Φ(52.5°)	Φ(60°)*Φ(67.5°)	Φ(75°)*Φ(82.5°)	Φ(90°)*Φ(97.5°)	Φ(105°)*Φ(112.5°)	Φ(120°)*Φ(127.5°)	Φ(135°)*Φ(142.5															



Radiated Composite Gain Data_Radio 3 2.4GHz,5GHz,6GHz for EUT 1

Appendix A

Θ(180°)	-8.71/-11.74	-12.73/-15.13	-16.2/-18.27	-18.58/-17.94	-18.52/-17.51	-16.36/-12.77	-9.52/-9.66	-8.03/-8.9	-12.11/-13.59	-16.76/-17.44	-18.15/-17.93	-16.41/-13.43	-11.93/-11.6	-12.81/-12.52	-17.06/-17.83	-17.52/-17.73	-16.84/-14.29	-12.13/-8.83	-7.78/-5.89	-5.91/-5.96	-5.26/-5.6	-6.31/-5.72	-6.22/-6.68	-6.93/-8.33
Freq(Hz)	6.995GPol.	Theta/Ant. 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	1.81/2.43	2.83/3.05	3.56/3.6	3.72/3.78	3.91/3.44	3.31/2.69	2.11/1.9	1.33/0.5	-0.1/-0.55	-0.77/-0.81	-0.87/-0.78	0.01/0.94	0.95/1.96	2.67/2.5	3.48/3.85	4.22/3.85	4.11/3.63	3.48/3.23	2.82/2.3	1.78/1.29	0.64/-0.32	-0.69/-0.75	-0.42/-0.19	0.51/1.38
Θ(7.5°)	2.38/3.02	3.77/3.83	4.36/4.58	4.61/4.59	4.48/4.14	4.01/3.7	2.84/2.49	2.01/1.07	0.21/-0.86	-1.41/-1.66	-1.23/-1.15	-0.25/0.53	1.16/1.83	2.36/2.12	2.31/2.46	2.32/2.26	2.04/2.28	1.74/1.68	1.18/0.64	0.26/0.15	0.31/-0.2	-0.34/-0.42	-0.36/-0.21	0.84/1.68
Θ(15°)	1.86/2.08	2.44/2.84	3.13/3.86	4.23/4.57	4.85/4.38	4.29/3.75	3.26/2.68	2.92/2.74	1.01/0.15	-0.19/-0.97	-1/-1.35	-0.88/-0.65	0.26/0.87	1.8/2.05	2.58/2.95	3.11/2.43	1.73/1.36	0.65/0.44	0.64/-0.13	-0.53/-0.8	-1.28/-1.71	-1.62/-0.82	0.41/1.42	1.8/1.87
Θ(22.5°)	0/0.2	0.26/0.82	1.67/1.77	1.98/1.57	2.07/2.65	2.96/2.75	1.97/1.36	1.42/1.83	0.63/0.15	-0.81/-1.76	-1.69/-1.32	-0.73/-1.12	-0.84/0.41	1.21/1.69	1.51/1.26	0.87/-0.03	-0.82/-1.47	-1.61/-0.68	-0.26/-1.23	-0.57/0.67	0.11/-0.86	-1.91/-2.58	-2.22/-1.18	-1.42/-0.72
Θ(30°)	-3.45/-4.52	-5.09/-4.1	-3.06/-3.49	-2.88/-1.27	-0.46/0.51	1.32/2.11	1.85/0.37	1.09/1.7	1.09/-0.86	-2.04/-4.16	-2.89/-1.96	-2.25/-2.49	-2.32/-1.46	-0.36/-0.03	-1.46/-2.45	-1.47/-1.24	-1.63/-1.92	-3.57/-3.52	-0.63/-0.08	-0.97/0.88	0/-1.83	-2.98/-6.06	-5.01/-2.97	-3.06/-3.38
Θ(37.5°)	-14.9/-13.77	-8.69/-8.05	-8.24/-5.55	-3.68/-2.58	-1.22/-0.41	-0.14/0.26	0.86/-0.49	-1.53/0.58	0.31/-1.48	-3.48/-5.15	-4.34/-3.15	-3.38/-5.99	-5.52/-1.63	-0.08/0.14	-0.91/-1.74	-3.52/-6.38	-5.8/-5.16	-4.72/-4.35	-3.19/-2.72	-2.14/-0.09	-0.35/-2.3	-4.72/-5.97	-5.49/-6.95	-8.11/-11.67
Θ(45°)	-17.69/-19.05	-15.52/-13.41	-10.65/-10.13	-8.55/-3.57	-1.12/-0.32	0.09/-0.86	-2.47/-4.91	-6.72/-1.61	-0.82/-2.21	-3.73/-4.06	-6.76/-9.28	-4.67/-5.81	-7.87/-7.4	-5.15/-5.47	-5.27/-3.52	-6.22/-7.82	-6.87/-4.03	-3.53/-4.52	-2.39/-2.54	-2.51/-3.59	-3.45/-3.28	-3.36/-5.21	-9.71/-5.21	-5.14/-14.26
Θ(52.5°)	-17.47/-19.17	-19.11/-17.19	-10.8/-6.25	-4.08/-4.48	-2.87/-1.7	-2.06/-1.39	-2.99/-3.22	-9.93/-5.82	-3.5/-1.89	-3.79/-4.61	-7.44/-9.29	-7.6/-6.94	-6.58/-8.28	-9.49/-9.87	-10.01/-6.03	-6.57/-11.49	-8.7/-3.83	-2.81/-1.34	-0.71/-1.02	-2.45/-2.64	-3.61/-4.15	-5.03/-4.15	-7.03/-2.5	-2.61/-7.67
Θ(60°)	-8.91/-10.93	-7.02/-6.43	-6.71/-6.74	-4.75/-3.26	-3.3/-1.76	-2.78/-4.21	-6.38/-6.31	-5.11/-10.02	-5.44/-2.71	-2.58/-5.21	-5.57/-8	-9.68/-8.02	-5.1/-5.32	-7.81/-9.5	-18.69/-16.14	-18.25/-14.11	-6.89/-4.02	-2.86/-1.72	-1.19/-1.69	-2.58/-4.97	-2.24/-2.58	-5.21/-4.1	-2.63/-2.38	-2.11/-6.96
Θ(67.5°)	-4.82/-5.38	-4.31/-5.27	-2.78/-2.79	-2.86/-0.88	-1.64/-2.78	-3.66/-5.01	-4.44/-9.56	-4.33/-5.89	-5.32/-3.39	-3.2/-4.08	-6.58/-5.91	-11.17/-7.77	-4.05/-4.51	-4.05/-7.38	-16.22/-18.56	-14.5/-9.94	-12.38/-6.31	-2.73/-2.31	-2.85/-2.9	-4.38/-6.95	-2.91/-3.68	-3.59/-2.98	-1.59/-2.24	-0.61/-4.46
Θ(75°)	-3.33/-3.86	-2.57/-4.67	-2.96/-2	-2.86/-2.39	-1.08/-2.76	-2.6/-3.65	-6.91/-2.93	-4.6/-4.21	-8.33/-3.44	-4.77/-3.74	-8.79/-4.94	-8.64/-7.64	-4.44/-5.01	-1.56/-1.18	-7.06/-8.01	-9.98/-6.33	-9.89/-4.35	-3.29/-1.94	-3.25/-2.17	-5.14/-7.03	-4.01/-6.08	-4.27/-2.87	-0.82/-1.28	-0.85/-3.68
Θ(82.5°)	-3.9/-3.1	-2.39/-3.39	-1.61/-2.61	-2.4/-1.11	-2.09/-1.83	-4.15/-4.75	-6.78/-5.42	-3/-3.63	-6.39/-3.4	-6.03/-5.14	-5.99/-4.42	-8.11/-7.46	-4.19/-3.28	-0.19/-0.76	-4.9/-5.88	-9.47/-7.58	-5.72/-1.08	-3.18/-3.41	-2.91/-0.55	-4.66/-9.52	-5.68/-6.6	-4.81/-2.85	-1.14/-1.25	-1.67/-3.23
Θ(90°)	-3.85/-2.57	-1.35/-2.32	-2.04/-2.19	-1.79/-1.76	-1.46/-2.52	-5.36/-4.19	-5.13/-3.47	-4.14/-1.35	-6.13/-4.31	-7.11/-5.14	-7.3/-5.5	-7.47/-8.66	-8.46/-8.45	-2.7/-2.35	-6.06/-13.76	-14.46/-16.04	-7.52/-2.97	-4.72/-5.97	-3.02/-0.42	-5.47/-11.64	-6.94/-9.03	-5.86/-4.64	-2.56/-1.57	-2.51/-3.91
Θ(97.5°)	-4.38/-3.57	-1.49/-1.6	-2.28/-2.95	-2.34/-1.26	-1.89/-2.33	-7.03/-4.23	-3.44/-4.12	-4.45/-2.07	-7/-5.07	-6.27/-6.37	-6.48/-6.34	-6.7/-11.62	-12.59/-15.28	-7.07/-4.22	-9.57/-19.09	-18.47/-12	-6.81/-9.55	-10.84/-11.44	-5.43/-5.16	-13.27/-10.76	-7.11/-10.09	-7.98/-5.5	-3.48/-2.6	-3.34/-4.21
Θ(105°)	-4.55/-3.85	-1.77/-2.92	-4.13/-3.83	-3/-2.04	-2.47/-3.73	-7.29/-5.83	-6.55/-4.37	-5.4/-4.34	-6.06/-5.45	-8.49/-7.01	-8.54/-8.49	-7.39/-7.76	-8.83/-11.11	-7.9/-5.54	-8.85/-7.83	-7.4/-8.36	-7.81/-10.26	-18.03/-10.95	-7.45/-14.2	-18.94/-12.26	-10.46/-7.45	-9.77/-6.08	-5.87/-3.56	-3.2/-4.41
Θ(112.5°)	-5.6/-4.57	-3.99/-3.37	-5.75/-7.76	-4.15/-3.54	-3.36/-6.27	-5.35/-5.99	-5.67/-6.04	-6.93/-6.4	-8.8/-7.07	-9.86/-8.66	-10.24/-9.91	-10.84/-11.52	-7.1/-11.04	-11.14/-11.81	-13.15/-15.47	-16.7/-18.01	-12.88/-12.01	-11.16/-10.18	-14.53/-10.2	-17.5/-11.48	-12.17/-12.25	-9.37/-6.26	-5.69/-4.9	-4.91/-4.57
Θ(120°)	-6.92/-5.48	-5.2/-5.85	-5.96/-6.91	-4.39/-3.21	-3.73/-5	-6.34/-5.44	-5.12/-5.92	-8.15/-7.82	-10.33/-11.06	-9.27/-10.38	-10.29/-12.34	-18.21/-14.02	-9.54/-17.39	-18.01/-14.45	-11.23/-8.71	-15.5/-15.55	-13.05/-18.35	-18.34/-13.93	-12.83/-18.07	-19.16/-17.81	-11.57/-10.41	-9.95/-8.04	-6.25/-7.86	-4.9/-4.91
Θ(127.5°)	-6.69/-6.62	-7.07/-6.58	-5.62/-5.47	-5.9/-5.97	-6.76/-5.03	-4.07/-4.34	-6.24/-8.66	-11.27/-9.78	-8.3/-8.93	-9.3/-10.1	-12.94/-16.42	-17.4/-15.91	-14.52/-18.35	-14.38/-11.24	-11.2/-10.8	-13.17/-17.59	-17.63/-16.32	-18.41/-17.74	-17.77/-15.15	-18.63/-19.01	-11.95/-10.99	-9.38/-9.36	-7.62/-8.85	-6.87/-6.53
Θ(135°)	-9.06/-8.37	-7.99/-6.16	-4.99/-5.89	-6.89/-8.58	-8.56/-7.52	-6.13/-5.2	-5.55/-8.08	-9.06/-9.44	-6.83/-7.65	-13.19/-11.14	-17.86/-13.97	-16.82/-17.9	-16.64/-13.79	-11.72/-9.69	-15.03/-8.39	-8.3/-9.86	-19.13/-18.33	-17.93/-11.4	-12.5/-18.43	-18.36/-10.57	-14.06/-14.25	-6.39/-8.79	-9.13/-10.08	-8.86/-7.96
Θ(142.5°)	-8.18/-8.32	-6.31/-6.86	-7.8/-9.59	-9.21/-9.39	-8.41/-9.24	-7.8/-8.23	-8.88/-9.52	-8.38/-10.65	-10.9/-10.6	-12.12/-12.79	-15.53/-18.22	-13.39/-17.27	-13.81/-16	-18.17/-17.7	-17.9/-14.23	-12.1/-13.7	-10.53/-17.16	-18.01/-17.52	-16.33/-19.17	-15.33/-18.07	-18.21/-11.34	-7.77/-7.46	-10.89/-8.94	-7.84/-8.64
Θ(150°)	-8.07/-6.89	-6.2/-7.17	-9.17/-9.14	-8.02/-7.84	-6.62/-7.46	-7.11/-6.75	-9.63/-10.16	-9.2/-10.15	-11.9/-12.9	-11.28/-11.52	-9.72/-12.58	-13.83/-13.36	-17.49/-16.14	-15.69/-14.69	-13.42/-17.64	-18.29/-18.24	-18.39/-15.96	-15/-16.49	-18.17/-17.87	-13.27/-19.04	-18.47/-17.84	-13.85/-13.15	-12.7/-8.15	-7.91/-8.54
Θ(157.5°)	-12.46/-10.9	-8.78/-7.44	-7.15/-6.38	-6.87/-6.94	-7.51/-8.09	-8.68/-8.37	-8.78/-10.45	-11.29/-11.88	-13.37/-12.94	-10.35/-9.94	-10.7/-15.28	-19.25/-18.48	-17.13/-12.17	-13.35/-14.35	-18.48/-15.17	-16.78/-16.51	-14.67/-14.42	-13.19/-17.78	-19/-18.17	-14.74/-12.94	-15.34/-18.75	-16.63/-13.17	-17.4/-15.7	-13.57/-12.68
Θ(165°)	-9.54/-9.3	-9.32/-9.55	-8.7/-8.5	-8.47/-6.95	-7.7/-7.92	-9.95/-9.56	-11.58/-9.33	-10.35/-12.66	-14.53/-12.42	-14.84/-16.21	-14.46/-16.42	-13.48/-13.78	-13.55/-13.7	-12.02/-13.35	-12.21/-12.18	-11.32/-12.1	-13.78/-15.34	-17.03/-17.27	-15.7/-14.57	-17.97/-18.71	-13.7/-12.92	-12.86/-11.19	-11.96/-10.53	-10.66/-8.8
Θ(172.5°)	-10.03/-9.39	-9.16/-9.54	-8.06/-7.25	-8.06/-7.16	-7.7/-8.31	-10.11/-10.62	-12.12/-10.79	-11.46/-10.74	-13.23/-14.14	-13.24/-12.08	-11.99/-12.33	-12.28/-14.4	-15.55/-13.05	-10.81/-9.67	-8.73/-9.98	-11.33/-14.19	-16.2/-14.37	-13.02/-12	-11.87/-13.08	-13.6/-16.61	-18.72/-17.46	-18.03/-15.13	-13.68/-11.36	-11.3/-11.03
Θ(180°)	-9.44/-7.55	-7.18/-6.9	-6.28/-6.25	-5.92/-6.16	-5.94/-6.41	-7.31/-8.56	-10.39/-9.79	-12.27/-15.57	-13.38/-15.8	-19.2/-17.6	-18.77/-19.07	-17.84/-13.26	-8.79/-8.78	-7.95/-7.7	-7.91/-7.13	-6.87/-6.57	-6.25/-6.85	-8.49/-9.12	-10.47/-12.51	-14.11/-16.62	-18.35/-19.03	-18.19/-17.78	-16.1/-13.92	-11.2/-9.47



Freq(Hz)	5.2G	5.3G	5.6G	5.785G	5.885G
Ant. 1 Max Gain (dBi)	2.46	2.37	3.82	3.81	4.17
Ant. 2 Max Gain (dBi)	2.43	2.15	2.98	3.49	3.81
Ant. 3 Max Gain (dBi)	2.56	2.33	2.65	3.39	3.44
Ant. 4 Max Gain (dBi)	3.28	2.61	4.3	4	3.92
Ant. 1 Polarization/ $\theta(^{\circ})/\phi(^{\circ})$	Phi/67.5/247.5	Phi/67.5/247.5	Phi/52.5/75	Phi/45/82.5	Phi/52.5/120
Ant. 2 Polarization/ $\theta(^{\circ})/\phi(^{\circ})$	Phi/37.5/22.5	Phi/45/165	Phi/37.5/157.5	Phi/52.5/157.5	Phi/45/180
Ant. 3 Polarization/ $\theta(^{\circ})/\phi(^{\circ})$	Phi/45/105	Phi/45/105	Phi/37.5/240	Phi/37.5/292.5	Phi/37.5/232.5
Ant. 4 Polarization/ $\theta(^{\circ})/\phi(^{\circ})$	Phi/67.5/165	Phi/75/172.5	Phi/75/172.5	Phi/45/30	Phi/45/330
Max Gain (dBi)	3.28	2.61	4.3	4	4.17
DG [1SS] (dBi)	7.11	6.52	7.65	7.52	7.28
DG [2SS] (dBi)	4.11	3.52	4.65	4.52	4.28
DG [4SS] (dBi)	3.28	2.61	4.3	4	4.17



Sporton International Inc. Hsinchu Laboratory



Radiated Composite Gain Data_Radio 2 5GHz for EUT 1

Appendix B

Θ(22.5°)	-0.7/0.03	1.0/0.2	2.67/2.88	2.8/4.04	3.55/2.97	2.58/1.88	1.58/1.66	1.82/2.32	2.28/1.92	1.8/1.49	1.51/1.86	2.31/2.7	2.61/1.98	1.66/2.13	3.05/3.38	3.1/93	3.04/2.59	1.72/1.26	1.96/2.9	3.37/3.77	4.0/14	3.97/4.02	3.52/3.07	2.66/2.25
Θ(30°)	4.59/4.77	5.15/5.56	5.77/5.4	5.19/5.15	4.95/4.84	4.19/3.43	3.53/3.76	4.33/4.87	4.52/4.06	3.92/3.97	4.2/4.58	4.59/4.02	3.7/3.74	4.38/4.42	4.29/4.21	4.36/4.8	5.4/5.3	4.71/4.04	4.57/5.7	5.99/5.05	6.01/5.74	5.23/4.48	4.87/5.23	5.04/4.62
Θ(142.5°)	5.83/6.49	7.02/7.25	7.06/6.16	5.12/4.89	5.55/5.53	5.76/5.16	4.98/5.82	6.23/6.32	5.85/5.08	5/5.12	5.58/5.73	5.41/4.9	4.97/5.41	6.01/5.96	6.15/5.55	5.59/5.83	6.25/5.85	5.88/5.68	6/6.92	7.08/7.1	6.96/5.55	5.84/5.18	6.07/6.91	6.56/6.06
Θ(45°)	5.98/6.89	7.65/7.56	7.54/7.2	6.17/5.51	5.92/6.01	6.23/5.9	5.4/6.6	6.84/6.61	6.35/6.1	5.85/5.7	6.09/5.55	5.38/5.64	5.93/6.16	6.62/6.94	6.96/6.12	5.54/5.72	5.69/5.12	5.96/26	5.75/6.44	6.36/3.7	6.94/6.81	6.58/5.71	5.62/6.04	5.93/5.8
Θ(52.5°)	6.08/6.44	7.38/7.31	6.97/7.46	7.28/6.49	5.85/6.11	6.74/6.61	6.25/6.92	7.37/7.29	7.23/6.85	6.49/6.5	6.51/5.68	4.99/5.64	6.46/7.2	7.15/7.01	6.48/5.99	5.46/5.47	5.29/4.36	5.95/6.15	5.08/5.93	5.99/5.86	6.56/7.3	6.54/5.92	5.18/5.16	5.44/5.75
Θ(60°)	6.46/6.15	6.51/6.17	5.12/5.85	6.71/6.16	5.04/5.46	5.33/5.8	6.79/6.93	6.86/6.48	5.13/5.02	5.66/6	6.19/5.78	5.13/5.02	5.66/6	6.19/5.93	5.37/4.99	5.54/4.63	4.25/4.36	5.39/6.02	6.12/5.65	5.66/6.11	6.08/6.33			
Θ(67.5°)	6.81/5.91	5.08/4.81	4.64/5.25	6.06/5.83	5.27/5.63	5.66/6.08	5.95/6.38	5.74/5.61	5.86/6.11	6.18/6.29	6.45/5.69	6.04/6.27	6.08/5.64	4.94/4.96	5.22/5.39	5.49/5.76	6.02/4.84	5.28/4.69	2.93/3.46	3.46/4.12	5.37/6.18	5.9/5.46	5.56/6.17	5.99/6.3
Θ(75°)	6.19/5.05	3.64/3.66	4.55/4.95	4.93/5.19	5.4/5.39	5.45/6.9	5.93/6.36	5.24/5.08	5.6/5.38	5.47/5.73	6.41/5.2	5.56/5.72	5.53/5.02	4.2/3.98	4.86/4.42	4.92/5.52	5.78/5.12	4.57/4.89	3.36/3.46	3.7/3.63	5.14/5.73	5.19/4.82	4.95/4.94	5.08/5.2
Θ(82.5°)	4.1/3.36	2.28/2.18	3.3/3.41	3.43/3.61	4.33/4.2	4.09/4.39	4.57/5.12	4.13/4.14	4.21/4.43	4.21/4.62	5.36/3.91	4.13/4.26	4.48/4.25	2.88/3.03	3.61/2.73	3.61/4.74	4.88/4.44	3.88/4.01	2.95/3.12	3.38/2.94	5.02/4.55	3.95/5.97	3.21/2.93	3.43/3.74
Θ(90°)	1.96/1.62	0.41/0.12	1.27/1.72	1.56/2.55	3.19/2.63	2.27/2.41	2.11/3.16	2.53/2.36	2.58/2.84	2.31/2.8	3.11/1.89	1.54/1.86	2.24/1.67	1.01/0.79	1.31/0.5	1.56/3.04	2.75/2.07	2.05/2.35	1.33/1.24	1.91/1.27	1.69/2.55	2.25/1.99	1.58/0.67	1.26/1.56
Θ(97.5°)	-0.54/-0.29	-1.74/-1.99	-0.81/-0.21	-0.5/0.3	1.46/0.48	0.29/0.55	-0.22/0.89	0.59/0.11	0.74/0.92	0.09/1.28	1.08/0.17	-0.43/-0.47	-0.31/-0.34	-1.35/-1.69	-1.57/-2.12	-0.86/0.31	-0.35/-1.82	-0.79/0.18	-1.82/-2.05	-0.98/-2.12	-1.07/-2.07	-0.25/-0.49	-1.19/-2.35	-1/-0.51
Θ(105°)	-2.63/-2.99	-4.22/-3.75	-3.61/-2.11	-2.41/-1.42	-0.45/-1.59	-1.89/-1.24	-2.7/1.35	-1.52/-0.74	-1.77/-0.76	-1.68/-1.99	-1.24/-1.94	-1.96/-1.53	-3.59/-3.81	-2.57/-2.77	-4.13/-3.44	-3.5/-5.81	-3.97/-2.92	-5.28/-5.56	-4.72/-5.65	-4.5/-3.92	-3.42/-3.88	-3.35/-2.54		
Θ(112.5°)	-3.76/-5.41	-6.01/-6.37	-5.8/-3.98	-4.5/-3.8	-3.17/-3.34	-2.81/-2.86	-4/-3.43	-4.16/-3.44	-3.74/-3.92	-4.56/-3	-3.59/-3.52	-3.18/-4.17	-3.46/-3.47	-5.04/-4.22	-5.29/-7.04	-5.81/-6.55	-4.81/-6.74	-4.67/-4.45	-7.06/-6.06	-6.89/-7.89	-4.1/-4.67	-6.86/-5.38	-5.19/-5.69	-4.21/-3.72
Θ(120°)	-4.79/-7.96	-8.03/-7.81	-6.93/-5.72	-6.16/-5.27	-5.13/-5.71	-5.01/-3.85	-3.88/-5.06	-6.38/-5.74	-4.71/-5.06	-5.97/-5.97	-6/-6.02	-5.66/-6.07	-3.81/-6.3	-7.23/-7.35	-7.23/-8	-7.32/-5.84	-7.65/-9.25	-5.55/-3.95	-5.47/-10.58	-6.45/-6.94	-5.93/-5.22	-7.54/-7.59	-6.74/-7.25	-7.4/-8.8
Θ(127.5°)	-7.65/-8.97	-9.81/-8.17	-8.18/-8.56	-6.08/-6.06	-8.72/-9.02	-8.96/-7.48	-7.34/-8.69	-8.9/-8.49	-5.71/-6.59	-8.79/-7.93	-9.01/-9.51	-8.49/-7.36	-6.09/-6.54	-8.69/-7.94	-8.97/-10.68	-11.37/-8.77	-11.39/-10.99	-11.51/-8.18	-8.82/-10.89	-9.07/-7.43	-9.59/-9.23	-7.94/-8.04	-10.16/-9.28	-8.74/-6.5
Θ(135°)	-9.46/-8.96	-9.36/-10.21	-9.61/-9.93	-10.26/-9.62	-10.12/-9.95	-9.82/-8.7	-8.1/-8.68	-9.62/-10.69	-9.56/-8.88	-8.17/-10.18	-10.08/-10.87	-9.6/-9.96	-9.31/-9.62	-9.87/-9.06	-8.18/-10.16	-10.08/-10.99	-12.48/-12.45	-10.84/-10.5	-11.86/-10.73	-9.29/-9.32	-9.21/-9.92	-8.78/-10.04	-9.61/-11.33	-11.17/-9.83
Θ(142.5°)	-11.78/-12.43	-11.32/-11.23	-10.61/-9.82	-11.4/-10.95	-11.97/-11.85	-11.77/-11.28	-10.68/-10.72	-11.99/-10.64	-10.65/-11.36	-10.53/-9.81	-10.93/-12	-10.76/-10.48	-11.52/-10.99	-11.96/-12.27	-12.3/-11.97	-12.17/-11.9	-13/-11.06	-10.27/-11.57	-11.12/-10.9	-11.62/-10.25	-10.22/-10.68	-10.98/-12.14	-10.97/-12.26	-11.3/-10.67
Θ(150°)	-11.43/-11.85	-11.24/-10.88	-11.29/-11.7	-12.36/-12.29	-11.48/-11.68	-11.34/-10.42	-9.78/-11.1	-12.27/-11.13	-11.26/-12.08	-11.95/-11.79	-12.2/-11.17	-10.87/-11.67	-12.08/-12.44	-11.83/-11.07	-12.38/-12.34	-11.6/-12.14	-11.99/-12.26	-11.71/-10.71	-11.4/-11.55	-11.86/-12.47	-12.17/-12.88	-12.55/-12.04	-11.89/-11.88	-11.42/-12.38
Θ(157.5°)	-12.24/-11.67	-12.31/-12.25	-12.28/-12.51	-11.85/-12.05	-12.08/-12.2	-12.07/-12.29	-11.76/-12.59	-12.2/-12.74	-12.43/-12.48	-12.81/-11.48	-12.48/-11.49	-11.05/-11.37	-11.76/-12.79	-11.91/-11.55	-12.34/-12.27	-12.03/-12.26	-12.48/-11.96	-12.63/-12.02	-12.25/-11.86	-12.73/-12.4	-12.45/-11.69	-12.91/-12.27	-11.88/-12.07	-12.07/-12.44
Θ(165°)	-12.13/-12.38	-12.47/-12.69	-12.49/-12.82	-12.55/-11.83	-11.53/-11.94	-11.98/-12.25	-12.29/-12.82	-12.54/-12.06	-12.2/-12.68	-12.38/-12.71	-11.83/-12.09	-12.02/-12.41	-12.22/-12.49	-12.14/-12.29	-12.08/-12.59	-12.43/-12.42	-12.58/-12.29	-12.49/-11.64	-12.4/-12.16	-11.79/-12.59	-12.2/-12.51	-12.45/-12.21	-12.34/-11.87	
Θ(172.5°)	-12.9/-11.98	-12.13/-12.27	-12.53/-12.14	-11.08/-11.9	-12.17/-12.3	-11.96/-12.37	-12.34/-11.79	-12.01/-12.04	-12.41/-12.43	-12.69/-11.99	-12.05/-12.78	-12.76/-12.19	-12.2/-12.1	-12.71/-12.14	-12.85/-12.38	-12.29/-12.27	-12.3/-12.42	-12.07/-11.91	-12.92/-11.89	-11.21/-11.4	-11.29/-11.9	-12.1/-12.23	-12.18/-12.49	-12.35/-12.32
Θ(180°)	-12.02/-12.61	-11.25/-12.02	-11.92/-12.34	-12.19/-12.77	-12.37/-11.36	-11.29/-10.94	-11.34/-11.24	-11.42/-11.88	-11.81/-12.33	-12.02/-12.65	-12.42/-12.16	-12.6/-12.12	-11.75/-12.02	-12.17/-12.43	-12.17/-12.81	-12.06/-11.66	-12.4/-12.32	-11.74/-12.02	-12.19/-12.24	-12.17/-12.55	-12.55/-11.95	-12.17/-12.15	-12.38/-12.18	
Freq(Hz)	5.6GPol	ThetaL	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-3.1/-2.86	-2.8/-2.9	-3.04/-3.27	-3.81/-4.23	-4.69/-5.23	-4.57/-3.57	-2.78/-2.15	-2.19/-2.4	-2.41/-2.21	-2.24/-2.46	-3.02/-2.71	-1.44/-0.92	-1/-1.31	-1.88/-2.01	-2.5/-2.75	-2.95/-4.07	-5.24/-5.29	-4.15/-3.34	-2.87/-2.72	-2.21/-2.39	-2.77/-2.79	-2.6/-2.7	-2.74/-2.86	-2.91/-3.07
Θ(7.5°)	-2.44/-3.66	-4.39/-5.61	-6.66/-6.76	-7.12/-8.33	-8.61/-8.02	-7.63/-5.86	-4.66/-3.87	-3.78/-3.61	-1.67/-1.28	-1.49/-1.61	-1.99/-2.39	-2.21/-1.58	-1.18/-1.4	-2.22/-2.35	-1.72/-1.84	-2.04/-1.92	-2.43/-2.88	-2.66/-3.35	-4.04/-4.35	-4.21/-3.9	-3.93/-4.1	-2.92/-2.02	-1.12/-0.44	-0.28/-0.46
Θ(15°)	-1.3/-3.21	-2.96/-3.64	-4.19/-4.72	-5.82/-6.97	-6.48/-6.51	-5.71/-3.35	-2.61/-2.26	-2.87/-3.75	-2.35/-1.92	-1.68/-1.5	-1.15/-0.63	-0.51/-0.64	-1.32/-1.78	-1.97/-2.19	-2.57/-2.99	-3.49/-3.95	-3.71/-4.01	-4.97/-5.7	-5.57/-3.77	-3.07/-3.05	-2.88/-1.57	-0.59/0.24	1.02/0.93	
Θ(22.5°)	-2.95/-2.62	-2.59/-2.98	-3.71/-5.03	-6.05/-3.29	-3.64/-5.5	-6.34/-4.59	-3.24/-2.57	-2.3/-3.32	-4.57/-5.51	-5.07/-4.47	-4.84/-4.85	-3.76/-2.58	-1.96/-1.77	-2.2/-2.79	-2.77/-3.4	-4.12/-3.18	-2.55/-3.84	-4.27/-4.32	-5.36/-6.27	-4.99/-2.63	-1.67/-2.16	-2.59/-2.16	-1.85/-1.98	-1.97/-1.69
Θ(30°)	-2.66/-2.45	-2.03/-2.27	-2.92/-4.53	-5.3/-4.3	-4.14/-3.73	-4.07/-5.5	-6.12/-4.96	-3.51/-3.54	-3.1/-2.92	-2.44/-3.74	-5.04/-5.18	-6.53/-6.06	-5.1/-4.16	-3.21/-2.35	-2.66/-3.13	-2.86/-2.14	-1.84/-2.61	-2.67/-2.16	-2.92/-2.72	-2.48/-2.51	-1.98/-2.4	-2.52/-2.95	-3.41/-2.95	-2.02/-1.9
Θ(37.5°)	-1.46/-2.44	-3.39/-3.20	-2.41/-3.84	-4.17/-3.49	-3.26/-2.56	-2.03/-0.97	-3.98/-4.28	-3.39/-1.6	-1.23/-1.89	-1.6/-0.65	-1.99/-3.29	-4.51/-3.55	-2.95/-2.2	-1.61/-3.22	-3.89/-4.42	-3.62/-2.19	-1.88/-1.46	-1.46/-1.13	-1.19/-2.85	-3.71/-3.74	-2.77/-3.8	-3.74/-3.06	-4.12/-3.94	-1.95/-1.57
Θ(45°)	-1.01/-2	-3.34/-3.04	-4.63/-5.07	-4.64/-4	-3.61/-1.25	-0.48/-1.07	-1.84/-3.39	-3.86/-2.14	-2.21/-3.54	-3.88/-2.66	-1.22/-1.62	-2.13/-2.42	-2.23/-0.71	-0.84/-1.2	-5.93/-5.89	-5.11/-2.91	-3.15/-3.47	-2.71/-3.32	-1.2/-2.77	-2.98/-4.79	-6.73/-7.45	-6.17/-4.33	-5.56/-6.56	-3.15/-2.97
Θ(52.5°)	-2.99/-2.87	-3.86/-2.68	-4.19/-6.17	-4.43/-2.79	-5.08/-5.31	-3.56/-2.3	-2.74/-3.73	-3.05/-2.37	-2.24/-3.46	-5.29/-5.63	-4.4/-3.68	-2.37/-3.38	-3.6/-1.35	-1.84/-2.74	-5.02/-5.84	-5.38/-3.6	-4.92/-4.42	-4.24/-3.93	-3.42/-4.27	-4.71/-6.5	-8.46/-8.52	-6.78/-7.2	-9.77/-8.02	-4.31/-4.3
Θ(60°)	-5.12/-5.15	-5.08/-3.61	-4.54/-5.84	-5.08/-4.9	-8.76/-8.87	-7.32/-5.2	-5.07/-6.11	-5.46/-4.32	-3.26/-2.99	-7.65/-7.59	-8.92/-8.48	-6.34/-5.21	-5.83/-5.08	-4.24/-4.59	-5.08/-5.81	-6.86/-6.09	-7.46/-7.32	-6.93/-7.28	-7.21/-6.8	-6.81/-7.7	-9.65/-7.69	-6.62/-6.59	-10.12/-8.04	-5.17/-4.81
Θ(67.5°)	-6.27/-6.4	-7.53/-6.1	-7.08/-6.34	-7.27/-7.44	-8.08/-8.19	-9.86/-6.44	-6.5/-7.71	-9.53/-8.04	-4.98/-5.84	-10.05/-10.07	-9.39/-12.1	-8.29/-7.63	-6.93/-7.49	-7.26/-8.57	-6.71/-6.18	-7.91/-6.99	-7.05/-7.65	-8.49/-9.79	-10.72/-10.54	-10.39/-9.12	-9.49/-8.52	-7.85/-9.84	-9.87/-7.6	-6.14/-5.72
Θ(75°)	-9.05/-8.33	-9.82/-8.64	-9.75/-8.51	-9.72/-9.57	-8.5/-7.59	-11.31/-8.18	-8.74/-9.11	-10.46/-10.24	-7.04/-8.45	-9.9/-11.94	-9.72/-10.44	-11.39/-9.3	-9.57/-12.4	-7.97/-11.53	-10.1/-7.53	-8.58/-8.91	-8.36/-8.54	-10.31/-11.08	-11.35/-10.33	-10.99/-11.				



Radiated Composite Gain Data_Radio 2 5GHz for EUT 1

Appendix B

Θ (75°)	4.78/4.73	4.06/3.35	3.15/3.52	4.93/4.61	4.76/4.64	4.93/4.97	6.03/5.73	4.5/3.86	3.94/5.11	5.81/5.66	5.11/4.78	5.37/5.07	4.96/4.91	4.05/3.41	3.69/4.64	5.71/4.88	4.73/4.44	5.12/4.48	3.36/3.42	3.37/3.48	4.25/5.94	4.85/3.96	3.78/3.85	3.55/4.52
Θ (82.5°)	2.91/2.8	2.31/1.79	1.93/2.56	3.13/3.32	3.81/3.44	3.92/2.84	4.1/3.97	3.65/3.35	3.47/3.62	4.45/4.33	4.45/3.66	4.45/3.39	3.17/2.88	2.7/2.45	2.82/3.39	4.7/3.94	3.81/3.51	4.49/3.63	2.37/2.52	3.31/2.7	2.98/4.93	3.59/3.09	2.39/2.28	1.7/2.73
Θ (90°)	0.67/0.68	0.29/0.2	0.61/0.67	1.17/2.01	2.41/2.14	2.38/0.66	1.78/1.32	1.87/2.25	1.5/1.35	2.77/2.76	2.28/1.54	2.03/1.03	0.63/1.59	0.64/0.82	1.61/0.1	2.59/2.57	1.94/1.37	1.83/1.96	-0.11/0.24	1.7/0.72	0.83/3.22	2.26/1.7	0.57/0.44	-0.96/0.44
Θ (97.5°)	-1.74/-1.03	-1.71/-1.88	-1.06/-1.78	-0.67/0.64	0.1/0.19	-0.09/-1.68	-0.55/-0.66	-0.34/0.25	-0.34/-0.93	0.72/1.13	1.06/-0.03	0.31/-1.54	-1.35/-0.96	-1.55/-2.03	-1.01/-3.54	-0.12/-0.06	-1.39/-2.56	-1.54/-1.5	-2.65/-4.21	-1.8/-2.95	-1.86/0.05	-0.9/-1.05	-2.17/-2.2	-2.6/-1.45
Θ (105°)	-3.74/-2.98	-3.51/-3.98	-3.65/-3.75	-3.23/-1.78	-2.4/-2.93	-1.92/-2.35	-2.73/-2.73	-2.11/-1.7	-2.94/-2.18	-2.34/-1.08	-1.89/-2.51	-1.37/-2.19	-2.25/-2.35	-3.73/-4.22	-3.19/-4.16	-3.98/-2.68	-4.13/-5.47	-4.61/-4.45	-5.55/-6.48	-5.85/-6.62	-5.53/-3.69	-4.26/-5.02	-4.26/-3.86	-3.08/-3
Θ (112.5°)	-4.5/-5.83	-5.03/-5.47	-5.58/-5.96	-4.71/-4.55	-3.88/-3.93	-3.76/-3.64	-4.11/-4.01	-5.14/-3.96	-5.26/-4.33	-3.85/-3.07	-4.35/-3.86	-3.39/-4.2	-4.79/-5.44	-6.1/-5.24	-6.21/-7.49	-5.39/-6	-6.33/-6.12	-5.77/-5.52	-6.43/-8.6	-7.17/-8.36	-4.59/-3.83	-5.91/-6.6	-6.39/-5.51	-4.68/-4.1
Θ (120°)	-5.63/-7.47	-6.75/-8.63	-6.6/-7.06	-6.2/-6.95	-5.69/-5.96	-3.95/-4.51	-5.03/-6.4	-6.44/-6.85	-6.5/-6.15	-5.25/-4.82	-6.49/-6.21	-5.52/-5.9	-5.68/-5.3	-7.15/-7.07	-7.45/-7.66	-8.22/-7.69	-6.96/-10.87	-7.04/-4.85	-7.13/-8.25	-6.82/-6.58	-6.21/-4.57	-7.03/-8.06	-6.89/-6.14	-7.06/-5.7
Θ (127.5°)	-8.32/-8.45	-9.02/-9.69	-7.56/-9.18	-8.29/-8.67	-9.66/-7.93	-7.87/-6.65	-6.7/-7.56	-8.86/-9.3	-6.31/-8.37	-7.62/-8.33	-8.46/-7.53	-8.14/-8.91	-6.15/-7.12	-8.9/-7.67	-7.94/-9.11	-10.4/-8.94	-10.06/-11.89	-11.97/-9.99	-8.85/-10.12	-10.52/-8.7	-9.56/-10.22	-8.27/-9.42	-9.34/-9.13	-8.06/-8.43
Θ (135°)	-11.82/-10.56	-9.93/-10.28	-9.42/-10.31	-9.41/-10.2	-11.62/-10.51	-11.34/-10.12	-8.68/-8.07	-11.45/-8.96	-9.68/-9.6	-9.93/-9.1	-9.15/-10.18	-10.62/-10	-9.38/-9	-11.58/-10.89	-11.21/-10.91	-8.16/-11.28	-11.58/-12.2	-11.21/-10	-10.68/-11.45	-10.31/-8.42	-8.44/-10.09	-9.21/-10.92	-11.05/-11.23	-10.99/-11.9
Θ (142.5°)	-11.83/-10.88	-10.89/-9.73	-9.67/-11.27	-10.78/-12.33	-11.94/-11.67	-11.84/-11.98	-10.23/-9.44	-11.43/-11.97	-10.94/-11.75	-11.94/-12.5	-11.13/-12.46	-11.88/-12.43	-11.22/-12.5	-12.33/-11.84	-12.21/-12.19	-11.92/-12.44	-12.1/-12.24	-12.06/-12.09	-12.62/-11.81	-11.65/-10.42	-11.96/-12.23	-11.93/-12.18	-11.35/-11.55	-10.58/-10.76
Θ (150°)	-12.65/-11.9	-12.8/-11.51	-11.75/-12.18	-12.51/-12.4	-12.85/-12.33	-12.13/-11.8	-12.56/-11.72	-11.18/-10.78	-11.29/-12.46	-12.57/-12.65	-12.28/-12.28	-12.43/-11.86	-12.2/-12.41	-12.22/-11.31	-12.51/-11.8	-12.3/-11.92	-12.57/-12.04	-11.97/-11.95	-11.87/-12.63	-12.13/-12.58	-11.93/-12.49	-12.48/-11.95	-11.94/-12.24	-12.37/-12.09
Θ (157.5°)	-12.34/-12.19	-12.33/-12.46	-12.31/-12.4	-12.67/-12.14	-12.36/-12.33	-11.93/-12.61	-12.42/-12.47	-12.39/-11.89	-12.82/-12.47	-11.6/-10.89	-12.63/-12.36	-11.71/-12.85	-12.22/-12.28	-12.34/-12.42	-11.99/-12.8	-12.2/-12.05	-12.48/-12.54	-12.3/-12.34	-11.93/-12.3	-12.37/-11.93	-12.52/-12.46	-12.03/-11.71	-12.55/-12.65	-12.39/-11.99
Θ (165°)	-12.08/-12.53	-13.05/-12.25	-11.99/-12	-11.78/-12.48	-11.86/-12.5	-12.3/-12.21	-12.55/-12.59	-12.52/-11.88	-12.12/-12.16	-11.63/-12.19	-12.02/-12.25	-12.57/-12.35	-12.25/-12.48	-12.38/-12.78	-12.25/-12.42	-12.27/-12.49	-12.33/-12.56	-12.6/-11.82	-12.64/-12.44	-12.16/-12.36	-12.38/-12.12	-12.19/-12.48	-12.15/-12.39	-12.26/-12.04
Θ (172.5°)	-12.02/-12.71	-12.67/-12.5	-12.09/-12.48	-12.61/-12.06	-12.35/-12.17	-11.9/-12.51	-11.78/-12.12	-11.46/-11.69	-11.64/-12.65	-11.76/-12.14	-12.44/-12.06	-12.32/-12.97	-12.39/-12.49	-12.15/-12.42	-12.6/-11.9	-11.58/-11.57	-12.5/-12.54	-12.72/-12.89	-12.5/-12.53	-12.58/-12.6	-12.15/-12.35	-12.75/-12.61	-12.47/-12.41	-12.45/-12.41
Θ (180°)	-12.15/-13.11	-12.08/-12.43	-12.39/-12.35	-12.38/-11.95	-12.5/-12.38	-12.29/-12.3	-12.05/-11.94	-12.23/-12.82	-12.53/-12.71	-12.27/-12.59	-12.64/-12.25	-12.62/-12.18	-11.99/-12.44	-12.44/-12.53	-12.77/-12.9	-11.93/-12.12	-12.63/-12.55	-11.82/-12.3	-11.93/-12.79	-12.8/-12.86	-12.58/-12.23	-12.07/-12.23	-12.47/-12.55	-12.18/-11.97
Freq(Hz)	5.885GPol.	Theta	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ (0°)	-1.45/-1.52	-1.3/-1.34	-1.76/-1.98	-2.12/-2.19	-2.22/-2.89	-2.85/-2.41	-2.19/-2.11	-2.11/-2.32	-2.2/-2.8	-3.55/-2.96	-2.57/-2.14	-1.5/-1.46	-1.26/-0.89	-0.95/-1.26	-1.3/-1.24	-1.84/-2.67	-3.1/-3.08	-2.41/-2.1	-2.01/-2.32	-2.43/-2.18	-2.39/-2.25	-2.29/-2.64	-2.74/-2.7	-2.2/-1.67
Θ (7.5°)	-1.93/-2.71	-3.59/-4.24	-4.93/-5.79	-6.26/-6.04	-6.79/-6.74	-6.28/-6.07	-5.09/-4.75	-4.03/-2.89	-1.37/-1.31	-1.99/-2.47	-1.95/-1.62	-1.78/-1.84	-1.98/-1.77	-1.03/-0.81	-0.9/-0.54	-0.35/-1.33	-1.92/-1.65	-1.63/-1.71	-2.32/-3.18	-3.79/-4.68	-5.07/-3.83	-2.82/-2.1	-1.63/-1.57	-1.01/-0.26
Θ (15°)	-0.42/-1.27	-1.95/-2.89	-3.89/-5.32	-6.66/-6.91	-6.74/-6.43	-5.97/-4.09	-3.51/-3.83	-3.88/-3.74	-3.31/-3.1	-3.23/-2.6	-1.76/-1.41	-1.19/-1.18	-1.24/-1.59	-1.83/-2.09	-2.21/-2.33	-2.58/-3.11	-3.48/-3.08	-2.9/-2.78	-3.08/-3.14	-3.84/-4.7	-5.45/-4.7	-3.13/-1.71	-0.55/0.31	1.19/1.02
Θ (22.5°)	-1.42/-0.94	-0.88/-1.65	-3.81/-5.28	-5.74/-4.45	-4.13/-3.79	-3.89/-3.38	-3.18/-3.83	-5.41/-6.38	-5.25/-3.81	-4/-4.5	-3.6/-3.14	-2.57/-1.94	-1.79/-1.31	-1.93/-2.23	-1.97/-2.65	-4.76/-5.12	-4.98/-4.88	-3.85/-3.43	-3.28/-3.99	-3.72/-3.61	-3/-2.94	-2.4/-1.96	-2.34/-2.37	-2.29/-1.92
Θ (30°)	-1.85/-0.9	-0.42/-1.29	-3.26/-4.68	-3.51/-3.52	-4.19/-4.52	-4.99/-4.73	-3.51/-2.02	-1.74/-3.36	-4.56/-3.31	-2.46/-1.77	-3.51/-4.07	-4.39/-4.42	-2.98/-2.33	-2.73/-3.43	-1.73/-1.27	-2.43/-2.94	-3.43/-4.1	-3.08/-2.93	-3.08/-3.38	-3.54/-2.81	-2.07/-1.32	-1.52/-2.56	-2.94/-3.17	-2.47/-1.99
Θ (37.5°)	-1.03/-1.32	-2.8/-2.74	-3.23/-1.96	-1.37/-2.09	-3.25/-4.72	-1.84/-1.3	-2.59/-1.76	-1.75/-2.8	-2.52/-1.63	-0.74/-1.15	-2.86/-2.32	-2.82/-3.53	-3.2/-2.67	-3.17/-2.78	-1.05/-0.49	-0.94/-0.8	-2.05/-3.89	-4.15/-2.39	-2.09/-2.77	-2.05/-1.66	-2.4/-2.51	-1.46/-1.77	-2.42/-2.73	-1.29/-1.32
Θ (45°)	-2.6/-1.6	-2.53/-2.26	-3.21/-1.92	-1.57/-1.62	-1.24/-2.31	-1.36/-1.5	-2.44/-2.15	-2.79/-2.79	-1.35/-0.72	-1.43/-2.1	-2.94/-2.99	-2.22/-2.73	-2.02/0.1	-0.18/-2.03	-4.51/-4.53	-3.04/-2.01	-1.85/-2.54	-3.47/-2.63	-1.43/-1.49	-2.19/-3.59	-5.66/-4.96	-2.97/-2.78	-2.58/-3.3	-3.49/-3.72
Θ (52.5°)	-4.28/-2.76	-2.04/-1.53	-3.67/-4.1	-3.17/-3.2	-3.84/-3.63	-3.95/-4.83	-3.46/-2.42	-2.01/-2.83	-3.66/-3.05	-3.37/-3.56	-4.48/-4.78	-2.95/-3.47	-3.9/-0.85	-0/-2.55	-6.4/-6.47	-5.43/-4.24	-3.37/-4.19	-3.91/-2.96	-3.61/-2.74	-2.48/-5.8	-9.37/-6.58	-6.92/-8.43	-6.46/-4.6	-5.43/-6.07
Θ (60°)	-5.74/-4.36	-3.3/-3.04	-5.18/-6.28	-6.69/-8.11	-7.34/-6.29	-6.77/-7.61	-4.77/-3.24	-3.35/-3.11	-5.18/-4.74	-5.15/-5.84	-7.96/-8.48	-5.43/-4.85	-5.87/-5.64	-3.01/-3.36	-7.21/-8.18	-7/-6.54	-6.2/-7.03	-6.94/-4.75	-6.72/-6.59	-5.86/-8.55	-9.68/-7.56	-8.8/-11.07	-7.79/-6.87	-6.78/-6.08
Θ (67.5°)	-6.93/-6.46	-5.98/-7.08	-8.18/-7.89	-10.04/-10.54	-7.96/-6.69	-6.62/-7.21	-5.6/-4.62	-5.83/-5.16	-7.3/-5.63	-6.77/-8.78	-11.09/-9.91	-7.7/-7.29	-8.16/-9.15	-5.96/-7.08	-8.23/-7.16	-7.4/-8.01	-8.11/-8.62	-8.59/-8.03	-9.27/-9.72	-9.55/-8.8	-9.74/-9.5	-10.42/-11.8	-7.93/-7.38	-6.73/-6.66
Θ (75°)	-8.58/-7.46	-8.27/-11.26	-10.08/-9.57	-11.19/-11.49	-8.23/-7.24	-6.88/-8.01	-7.76/-6.53	-9.12/-10.4	-10/-8.74	-7.23/-10.48	-8.85/-10.91	-9.88/-9.54	-11.67/-9.89	-9.3/-10.78	-10.55/-6.99	-7.42/-8.69	-9.47/-9.1	-7.96/-8.86	-11.21/-11.86	-11.24/-9.18	-11.57/-12.58	-11.42/-12.26	-8.95/-8.75	-8.45/-8.55
Θ (82.5°)	-10.74/-9.48	-10.09/-12.15	-12.1/-11.63	-12.14/-11.38	-8.82/-9.12	-9.02/-10.75	-10.28/-8.1	-11.15/-11.86	-12.16/-10.8	-10.02/-11.61	-9.17/-12.38	-11.66/-12.62	-12.39/-10.47	-10.27/-12.18	-10.09/-8.82	-9.5/-9.25	-10.57/-10.8	-9.11/-10.05	-10.8/-12.08	-12.24/-11.63	-12.24/-12.11	-12.74/-11.24	-9.9/-10.68	-11.04/-9.94
Θ (90°)	-11.88/-11.19	-11.15/-12.01	-12.25/-12.34	-12/-11.91	-11.09/-11.78	-11.47/-11.63	-10.3/-11.06	-11.74/-11.94	-12.15/-10.89	-11.19/-10.75	-11.4/-12.58	-12.47/-12.42	-11.97/-10.68	-10.35/-12.2	-11.06/-11.03	-11.18/-11.24	-11.48/-11.75	-10.67/-11.58	-11.68/-12.34	-11.91/-12.52	-12.45/-12.38	-12.44/-11.51	-10.8/-11.18	-12.42/-9.92
Θ (97.5°)	-11.27/-12.31	-11.47/-12.89	-12.21/-12.08	-12.12/-11.29	-12.91/-11.97	-11.95/-12.03	-11.18/-12.05	-12.16/-12.42	-11.98/-11.26	-11.81/-11.56	-10.68/-12.65	-11.77/-12.31	-12.55/-10.99	-11.14/-12.26	-12.78/-12.24	-12.12/-12.48	-11.63/-10.51	-11.37/-12.03	-12.26/-11.98	-12.13/-11.37	-12.09/-12.49	-12.31/-11.94	-10.9/-11.84	-12.45/-10.25
Θ (105°)	-11.63/-12.08	-12.69/-12.85	-12.5/-12.66	-12.36/-12.41	-12.44/-11.29	-11.58/-11.58	-12.21/-12.23	-12.91/-12.6	-11.63/-11.68	-12.3/-12.16	-11.41/-12.41	-12.65/-12.59	-12.3/-11.73	-11.87/-12.46	-12.8/-10.14	-11.38/-12.53	-11.62/-11.55	-12.17/-12.72	-12.47/-12.61	-12.87/-12.17	-12.84/-11.74	-11.97/-12.43	-11.07/-12.2	-12.39/-11.21
Θ (112.5°)	-10.67/-12.47	-11.86/-12.65	-11.95/-11.91	-11.43/-12.64	-11.58/-10.69	-11.53/-11.14	-12.01/-12.52	-11.99/-11.88	-11.8/-12.17	-12.24/-12.73	-11.31/-12.03	-12.17/-12.82	-12.16/-10.89	-11.75/-12.19	-12.46/-12.41	-12.53/-12.54	-12.14/-11.14	-12.14/-12.47	-12.46/-12.85	-12.38/-12.69	-12.42/-11.68	-12.4/-12.49	-12.23/-10.91	-12.6/-11.98
Θ (120°)	-12.77/-12.35	-12.31/-12.28	-11.72/-11.89	-12.38/-12.3	-12.47/-11.56	-12.07/-12.43	-12.78/-12.92	-12.15/-12.57	-12.28/-12.6	-11.87/-12.62	-12.39/-12.38	-12.24/-12.25	-11.83/-11.69	-10.4/-12.07	-12.18/-12.36	-11.86/-11.41	-12.19/-11.81	-11.93/-12.43	-12.74/-12.33	-12				



Page No. : 5 of 14
Report No.: AP4O0708



Radiated Composite Gain Data_Radio 2 5GHz for EUT 1

Appendix B

Θ(22.5°)	-4.67/-4.32	-2.46/-0.6	0.86/1.04	0.65/0.75	0.52/0.19	-0.48/-1.76	-2.93/-3.53	-2.92/-1.99	-2.56/-3.68	-4.37/-6.35	-6.85/-6.5	-5.33/-4.05	-4.35/-7.58	-10.17/-6.96	-3.22/-1.96	-1.35/-1.27	-0.71/-0.41	-0.58/-0.63	-1.08/-1.51	-1.99/-2.84	-3.16/-4.23	-5.14/-4.3	-4.27/-4.23	-4.11/-4.76
Θ(30°)	-2.49/-2.63	-1.38/-0.68	2.15/1.76	1.07/0.09	-0.41/-0.21	-1.2/-1.76	-1.08/-0.82	-0.03/-1.01	0.56/0.85	0.71/-0.92	-2.8/-4.45	-3.67/-3.14	-3.51/-4.58	-4.13/-5.44	-4.54/-1.73	0.11/-0.1	-0.19/-0.86	-2.47/-1.97	0.41/0.94	2.03/-1.46	0.74/-0.18	-1.59/-3.7	-2.55/-2.28	-0.03/-2.95
Θ(37.5°)	-0.69/-0.16	0.27/0.97	2.26/2.11	1.44/0.15	1.01/-1.27	1.75/2.14	3.24/2.3	1.06/0.6	0.96/0.6	1.02/-0.35	-2.01/-2.94	-2.69/-2.26	-2.98/-3.83	-3.26/-4.97	-3.59/-2.23	-2.06/-3.31	-1.98/-2.4	-1.13/0.8	1.81/2.45	2.25/-1.27	0.17/-1.08	-3.1/-1.9	-0.43/0.6	-3.93/-5.14
Θ(45°)	-1.12/1.05	1.46/0.59	1.43/1.93	1.58/1.02	1.64/2.36	3.14/3.18	2.85/2.48	1.51/-0.2	0.34/0.01	0.61/0.66	-0.08/-2.67	-2.96/-1.43	-0.98/-2.47	-1.59/-2.1	-2.99/-2.92	-2.35/-2.29	-1.28/-2.5	-0.15/-1.73	1.57/0.74	-0.08/0.15	0.87/0.28	-0.82/-3.55	-3.69/-1.25	-0.71/-1.25
Θ(52.5°)	-0.67/0.6	1.55/0.68	0.53/1.71	1.94/-2.45	2.24/2.86	3.83/2.42	2.88/2.68	2.69/-2.37	1.62/0.33	0.62/-0.92	0.97/-1.07	-2.67/-0.68	0.09/0.22	-0.77/-0.11	-1.58/-1.09	-1.78/-2.29	-1.91/-2.28	-0.01/-1.2	0.17/-0.71	-1.61/-1.64	-0.05/0.28	-1.48/-3.12	-5.96/-5.24	-2.37/-1.13
Θ(60°)	0.16/0.13	1.14/0.62	0.23/0.81	1.52/2.35	1.52/0.64	3.14/2.52	1.96/2.34	3.27/3.63	3.26/2.22	0.59/-1.19	0.48/0.36	-2.2/-1.82	0.86/0.88	0.03/0.95	0.53/0.14	-1.1/-1.79	-0.49/-0.56	0.21/-2.58	-4.64/-3.51	-6.05/-7.8	-2.67/-0.17	-0.28/-1.6	-2.4/-1.72	-2.57/-0.82
Θ(67.5°)	0.3/-0.46	0.17/0.51	0.31/0.34	0.91/1.63	1/2.05	1.82/1.08	1.66/2.91	2.3/2.42	3/2.13	10.71	0.07/-0.77	-2.94/-2.33	0.2/0.78	-0.48/0.71	0.4/-0.47	-1.56/-1.2	0.76/1.05	1.83/-1	-4.79/-6.76	-6.92/-5.44	-2.03/-1.1	1.02/0.1	-0.65/0.28	-1.43/-1.37
Θ(75°)	-0.85/-1.61	-1.5/-0.45	-0.36/-0.6	-0.35/0.5	0.29/-1.7	0.72/-0.68	0.64/2.12	1.15/0.28	1.83/-1.42	0.32/-0.23	-1.16/-1.57	-4.59/-4.49	-1.56/-0.44	-1.31/-0.62	-0.54/-1.8	-1.44/-1.89	-0.28/-1.7	2.21/0.57	-1.5/-3.58	-2.59/-2.81	-1.54/0.47	0.59/0.01	-0.57/-0.16	-1.61/-3.28
Θ(82.5°)	-2.68/-3.62	-3.06/-1.95	-1.67/-2.04	-1.61/-1.41	-0.9/-0.07	-0.77/-1.78	-0.08/0.61	-1.12/-1.3	-0.47/0.14	-1.14/-1.19	-2.83/-3.34	-6.63/-5.38	-2.99/-2.6	-3.07/-2.1	-2.32/-3.71	-3.44/-2.85	-2.33/0.47	1.88/-0.43	-0.79/-2.92	-1.72/-1.95	-1.82/-0.86	-2.36/-1.64	-3.2/-5.45	
Θ(90°)	-4.57/-5.74	-5.61/-3.68	-3.31/-3.59	-3.1/-2.57	-1.77/-1.22	-1.96/-3.03	-1.88/-1.36	-3.17/-3.54	-2.5/-1.34	-2.53/-2.54	-4.1/-3.8	-8.49/-7.23	-5.89/-5.12	-5.52/-4.4	-4.74/-5.41	-4.26/-4.61	-4.46/-1.92	0.15/-2.22	-2.69/-5.21	-1.99/-3.87	-5.44/-4.99	-3.98/-3.94	-4.61/-4.78	-5.42/-7.84
Θ(97.5°)	-6.57/-7.38	-8.05/-5.93	-5.41/-5.22	-4.53/-3.62	-3.1/-2.75	-3.95/-3.6	-3.36/-2.79	-4.86/-5.5	-4.31/-4.68	-5.68/-5.37	-10.47/-8.37	-7.47/-6.88	-8.31/-7.05	-7.33/-7.76	-6.81/-7.06	-6.6/-5.25	-2.5/-5.49	-6/-9.01	-3.97/-7.66	-8.84/-8.19	-5.74/-7.21	-7.76/-7.56	-7.92/-9.14	
Θ(105°)	-7.57/-9.79	-9.63/-8.18	-7.85/-7.27	-5.98/-5.5	-4.49/-4.73	-6.25/-1.57	-4.79/-4.43	-5.59/-7.33	-5.15/-4.72	-6.89/-6.45	-6.53/-7.22	-9.37/-11.29	-8.93/-8.85	-9.82/-9.08	-13.76/-10.04	-10.68/-9.61	-8.5/-10.5	-6.81/-10.25	-13.67/-17.77	-9.24/-15.85	-13.47/-10.54	-7.74/-11.6	-11.92/-10.63	-10.11/-10.81
Θ(112.5°)	-8.77/-12.31	-10.91/-10.5	-9.85/-9.45	-7.59/-6.98	-5.83/-6.49	-8.28/-7.62	-6.68/-7.55	-8.28/-8.75	-7.24/-7.41	-8.12/-8.56	-8.31/-9.05	-10.36/-12.3	-8.88/-10.2	-11.66/-9.98	-13.97/-17.05	-17.68/-13.51	-9.53/-10.91	-8.77/-14.92	-17.94/-15.36	-13.2/-18.83	-12.16/-11.54	-10.51/-16.22	-12.91/-11.92	-9.92/-12.14
Θ(120°)	-10.66/-15	-13.09/-13.83	-12.62/-13.31	-8.77/-7.74	-8.19/-8.46	-7.5/-8.68	-10.82/-10.74	-8.44/-9.78	-8.92/-10.71	-10.66/-10.41	-11.43/-12.98	-9.88/-12.81	-10.78/-10.86	-14.92/-16.14	-17.85/-19.31	-15.32/-14.63	-8.37/-10.86	-12.6/-11.68	-11.62/-14.43	-14.74/-16.56	-12.88/-12.35	-12.53/-12.67	-12.88/-12.35	-12.53/-12.67
Θ(127.5°)	-15.46/-18.18	-16.33/-15.82	-13.96/-12.88	-10.88/-10.85	-11.85/-11.79	-13.21/-11.88	-13.71/-11.98	-12.83/-10.79	-10.63/-9.25	-11.08/-11.14	-12.81/-12.88	-14.72/-12.94	-12.43/-13.65	-11.71/-11.28	-13.38/-15.02	-18.62/-17.42	-18.52/-17.9	-19.71/-10.97	-11.88/-17.26	-18.59/-12.62	-18.35/-18.81	-16.66/-16.98	-16.4/-14.7	-17.06/-13.25
Θ(135°)	-18.61/-18.89	-17.55/-18.31	-15.04/-14.18	-14.29/-14.01	-13.65/-12.2	-14.19/-12.88	-12.2/-12.72	-13.62/-15.5	-14.5/-13.4	-12.2/-13.98	-12.99/-15.17	-13.48/-15.61	-17.37/-14.82	-13.55/-14.17	-14.86/-18.39	-15.77/-18.14	-18.85/-18.85	-18.5/-18.55	-18.72/-17.81	-17.5/-18.18	-18.31/-18.96	-14.75/-17.73	-17.06/-17.7	-17.72/-18.55
Θ(142.5°)	-18.29/-17.77	-18.65/-19.05	-16.35/-15.81	-19.1/-15.92	-18.39/-15.97	-15.32/-14.64	-14.62/-17.01	-18.1/-17.54	-19.49/-16.12	-16.55/-13.09	-13.64/-18.41	-14.19/-18.11	-18.61/-17.29	-18.43/-17.77	-18.9/-18.66	-18.81/-18.41	-18.8/-18.41	-18.37/-18.43	-17.73/-18.43	-16.33/-16.59	-18.53/-19.3	-14.6/-18.91	-14.97/-18.74	-18.83/-18.45
Θ(150°)	-17.81/-18.87	-17.4/-17.32	-18.92/-18.87	-18.39/-18.77	-16.52/-16.41	-14.75/-13.87	-14.04/-15.05	-18.46/-18.66	-19.16/-17.86	-18.18/-16.21	-18.32/-16.48	-17.84/-19.24	-18.81/-18.63	-18.92/-18.17	-17.54/-19.67	-17.83/-18.43	-18.1/-18.11	-15.3/-13.71	-17.73/-15.89	-18.55/-18.99	-18.39/-19.26	-19.1/-18.31	-17.97/-17.87	-18.22/-16.59
Θ(157.5°)	-17.9/-17.85	-18.92/-18.19	-17.4/-19.45	-17.69/-17.82	-18.42/-19.17	-17.8/-16.47	-16.85/-18.33	-18.46/-19.25	-19.1/-17.82	-19.02/-17.42	-18.75/-17.84	-18.44/-17.76	-17.92/-18.97	-17.85/-18.13	-17.03/-16.84	-18.45/-18.06	-18.51/-17.44	-18.82/-17.54	-17.5/-18.79	-19.19/-18.48	-19.12/-18.13	-18.99/-18.62	-18.37/-18.72	-18.77/-18.66
Θ(165°)	-18.56/-18.81	-18.44/-18.78	-18.5/-18.61	-18.02/-16.89	-16.56/-16.85	-17.79/-17.58	-17.83/-19.02	-18.47/-17.98	-18.48/-18.65	-18.28/-19.14	-17.93/-17.63	-17.85/-17.52	-18.07/-18.61	-18.61/-19.14	-18.9/-17.35	-18.7/-18.08	-18.6/-18.7	-18.62/-18.16	-18.73/-18.48	-18.5/-18.78	-17.29/-19.07	-18.41/-18.18	-18.61/-18.68	-18.12/-18.9
Θ(172.5°)	-18.66/-18.4	-17.5/-18.92	-19.12/-18.63	-17.75/-19.22	-18.73/-18.89	-17.87/-18.15	-17.56/-17.41	-18.12/-17.78	-17.56/-17.96	-18.95/-17.83	-17.56/-18.59	-18.79/-17.86	-18.71/-17.77	-19.43/-17.52	-18.54/-18.89	-18.5/-18.05	-17.59/-18.87	-17.47/-17.33	-18.73/-17.99	-18.73/-18.24	-18.11/-19.52	-18.19/-18.53	-17.84/-18.82	-18.53/-18.15
Θ(180°)	-17.88/-18.82	-17.34/-17.85	-18/-18.65	-19.66/-18.18	-18.45/-17.59	-19.36/-17.76	-17.83/-18.15	-17/-19.01	-18.84/-18.59	-18.34/-18.92	-19.11/-18.72	-18.01/-19.11	-17.73/-18.68	-18.54/-18.23	-18.2/-18.6	-18.74/-19.09	-19.34/-17.33	-19.5/-17.98	-17.43/-17.78	-18.2/-18.92	-18.79/-19.34	-18.85/-18	-17.87/-17.36	-18.07/-17.36
Freq(Pol)	5.6GPol	ThetaAnt.1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-4.66/-5.4	-5.91/-6.81	-8.05/-9.75	-11.74/-15.94	-17.59/-18.45	-18.63/-13.58	-9.58/-7.52	-6.95/-5.14	-4.06/-3.94	-3.14/-2.63	-2.74/-2.11	-1.42/-2.39	-3.25/-4.02	-5.29/-6.35	-7.27/-8.89	-9.85/-14.43	-18.75/-18.95	-15.05/-10.67	-8.97/-7.73	-5.7/-4.7	-4.12/-3.39	-2.97/-2.75	-2.46/-2.34	-2.8/-3.97
Θ(7.5°)	-2.77/-3.31	-4/-5.1	-6.4/-8.1	-11.45/-15.84	-18.31/-18.21	-16.9/-13.06	-10.3/-7.9	-6.83/-5.75	-4.2/-3.7	-3.87/-2.82	-2.42/-2.68	-2.41/-2.22	-2.47/-3.01	-4.06/-5.91	-7.38/-8.83	-10.66/-12.76	-16.47/-17.49	-17.28/-18.84	-15.24/-13.38	-10.26/-27.7	-5.93/-4.79	-3.12/-2.56	-2.1/-1.31	-1.09/-1.93
Θ(15°)	-1.76/-1.79	-2.39/-3.39	-4.39/-6.81	-11.35/-18.07	-17.54/-18.68	-18.13/-13.8	-12.62/-9.46	-9.62/-9.27	-6.47/-5.63	-4.25/-4.4	-3.89/-2.92	-2.73/-2.56	-2.53/-3.51	-4.16/-5.31	-7.1/-6.6	-12.78/-15.76	-17.24/-17.76	-18.28/-17.95	-14.23/-9.69	-6.46/-6.83	-5.33/-4.41	-4.29/-3.5	-2.43/-2	
Θ(22.5°)	-4.68/-4.07	-3.34/-2.93	-3.79/-7.48	-13.19/-13.97	-16.58/-18.36	-15.33/-12.86	-12.8/-11.85	-13.57/-14.39	-12.13/-12.78	-12.27/-8.36	-7.66/-8.84	-7.35/-6.06	-3.69/-3.33	-4.77/-8.02	-12.59/-11.19	-9.82/-13.3	-17.85/-19.07	-18.81/-16.8	-13.64/-8.98	-5.72/-5.2	-4.2/-3.45	-3.58/-3.94	-5.32/-5.58	
Θ(30°)	-4.95/-4.93	-3.25/-2.4	-3.47/-7.75	-12.48/-13.61	-18.75/-18.12	-18.3/-18.74	-18.98/-19.17	-12.73/-12.18	-10.97/-10.64	-8.26/-10.49	-10.2/-9.77	-10.33/-10.02	-10.72/-9.75	-5.98/-5.83	-6.53/-9.58	-11.33/-7.6	-6.68/-9.46	-13.08/-13.1	-13.11/-16.58	-14.1/-8.2	-4.51/-5.55	-4.32/-2.35	-2.99/-2.85	-3.03/-3.59
Θ(37.5°)	-3.96/-4.51	-3.25/-2.94	-4.6/-9.95	-13.09/-10.4	-12.43/-18.65	-18.51/-18.38	-12.71/-9.69	-8.77/-9.42	-8.44/-7.21	-6.84/-5.98	-5.75/-10.04	-8.77/-7.72	-8.19/-8.03	-8.49/-13.95	-13.73/-6.1	-4.72/-7.37	-8.84/-8.18	-7.25/-10.16	-11.34/-7.77	-5.28/-4.78	-4.48/-3.47	-3.13/-2.46	-3.82/-3.39	
Θ(45°)	-3.89/-4.15	-4.9/-4.98	-5.52/-9.47	-11.17/-9.54	-10.01/-11.25	-10.94/-9.76	-9.27/-10.46	-12.03/-10.49	-10.98/-11.31	-10.41/-10.48	-6.91/-5.03	-8.76/-8.82	-9.48/-6.58	-8.27/-9.45	-10.76/-10.96	-12.65/-6.83	-5.48/-8.65	-10.04/-9.66	-6.84/-8.74	-12.37/-18.52	-12.51/-10.39	-10.69/-8.61	-7.27/-7.66	-6.31/-5.61
Θ(52.5°)	-5.76/-5.88	-6.54/-5.05	-5.61/-7.88	-8.37/-7.58	-8.65/-11.47	-9.64/-8.56	-10.39/-13.15	-14.48/-12.64	-9.4/-7.25	-9.67/-18.3	-11.77/-7.73	-6.68/-12.17	-11.39/-7.01	-9.04/-12.22	-15.78/-10.58	-13.86/-10.31	-9.21/-13.28	-14.42/-11	-9.41/-10.43	-12.95/-16.69	-18.19/-11.85	-11.03/-12.69	-14.34/-11.54	-6.77/-6.04
Θ(60°)	-6.96/-9.93	-7.95/-5.95	-6.96/-8.7	-6.9/-7.12	-10.05/-14.07	-11.72/-12.01	-13.86/-17.22	-17.48/-15.97	-10.85/-8.53	-11.76/-12.89	-18.1/-13.83	-10.42/-13.05	-16.68/-12.33	-9.49/-13.19	-18.38/-15.94	-15.32/-18.43	-14.19/-18.85	-19/-16.77	-13.59/-13.74	-15.64/-14.44	-13.18/-11.2	-9.77/-12.69	-14.89/-11.54	-6.88/-5.89
Θ(67.5°)	-8.58/-12.53	-10.1/-8.02	-10.9/-10.61	-8.4/-8.92	-12.37/-15.02	-14.53/-12.57	-15.83/-17.42	-18.49/-17.63	-13.24/-12.9	-15.71/-19.04	-17.57/-17.88	-14.23/-15.25	-11.71/-18.62	-11.14/-16.56	-17.98/-17.53	-16.84/-17.67	-14.93/-18.63	-17.72/-18.66	-19.28/-18.97	-18.23/-13.03	-11.73/-13.8			



Radiated Composite Gain Data_Radio 2 5GHz for EUT 1

Appendix B

Θ(75°)	-1.19/-2.07	-0.26/-0.97	-1.84/-0.38	0.67/-0.43	1.25/-1.73	-0.21/-0.28	0.22/-0.57	0.21/-0.03	-0.48/-0.29	0.28/-0.17	-0.24/-0.45	-0.82/-4.34	-4.21/-2.11	-1.98/-1.41	-1.09/-2.38	-1.11/-3.62	-2.93/-0.66	1.64/-0.08	-3.74/-5.47	-5.67/-5.49	-0.90/-56	-1.31/-2.01	-1.96/-0.6	-3.29/-1.95
Θ(82.5°)	-2.63/-4.64	-1.6/-2.56	-3.56/-2.02	-0.85/-1.59	0.07/0.24	-0.79/-2.02	-2.9/-5.29	-0.26/-1.52	-2.17/-2.09	-0.87/-1.43	-1.04/-2.08	-1.59/-6.15	-5.34/-4.28	-3.46/-3.4	-2.32/-4.3	-1.85/-5.01	-5.1/-2.01	1.97/-0.12	-3.34/-5.71	-3.29/-3.7	-1.84/-1.05	-2.74/-2.16	-3.28/-1.66	-5.38/-4.59
Θ(90°)	-4.72/-6.09	-3.06/-4	-5.29/-4.32	-2.86/-2.75	-1.15/-1.35	-2.1/-4.43	-4.33/-6.43	-2.47/-1.8	-4.27/-3.21	-2.53/-2.63	-3.43/-2.67	-3.41/-5.77	-7.98/-5.48	-5.56/-5.35	-4.75/-6.65	-4.65/-1.6	-5.67/-4.63	0.11/-1.51	-4.68/-8.07	-3.31/-5.12	-4.64/-3.97	-4.41/-4.1	-6.23/-3.91	-8.84/-6.49
Θ(97.5°)	-7.06/-7.09	-4.37/-5.99	-7.4/-5.98	-4.97/-4.33	-2.73/-2.99	-1.19/-6.44	-5.26/-7.84	-4.8/-3.01	-6.08/-4.43	-3.99/-4.47	-5.03/-4.56	-4.18/-9.22	-8.44/-8.34	-7.57/-7.71	-6.95/-9.99	-6.07/-7.89	-7.11/-7.48	-2.5/-5.35	-6.49/-13.88	-4.99/-8.91	-7.97/-6.64	-6.42/-6.45	-10.11/-7.22	-10.95/-8.02
Θ(105°)	-6.93/-8.77	-6.07/-8.72	-8.92/-7.8	-7.2/-6.3	-5.33/-5.52	-5.29/-6.78	-6.53/-10.42	-6.93/-47	-8.72/-6.51	-6.32/-6.07	-8.32/-6.04	-7.41/-8.19	-11.08/-7.01	-9.05/-11.08	-10.55/-7.52	-8.61/-11.7	-7.18/-10.12	-12.65/-18.23	-10.17/-15.37	-12.75/-9.14	-7.5/-12.61	-12.97/-12.58	-9.99/-10.44	
Θ(112.5°)	-8.51/-9.68	-8.41/-11.33	-10.85/-8.67	-9.11/-8.34	-6.48/-7.98	-7.48/-7.98	-8.59/-10.2	-9.09/-7.58	-9.21/-7.52	-8.33/-7.36	-9.24/-9.17	-9.48/-10.04	-12.4/-9.91	-9.75/-11.48	-12.95/-16.89	-17.93/-14.36	-14.41/-11.37	-7.81/-15.92	-18.49/-19.93	-12.25/-16.03	-11.67/-10.17	-11.82/-15.92	-16.09/-10.82	-11.19/-10.45
Θ(120°)	-10.62/-12.08	-11.47/-14.96	-11.53/-10.89	-9.22/-10.44	-7.58/-8.82	-8.42/-9.29	-12.97/-12.86	-10.37/-11.5	-10.22/-9.43	-9.16/-9.33	-9.28/-11.52	-11.07/-11.78	-12.54/-11.26	-11.03/-9.48	-11.13/-14.41	-17.93/-18.67	-15.03/-19.19	-9.07/-10.47	-14.83/-17.57	-12.33/-10.77	-13.47/-11.49	-18.55/-16.14	-13.44/-9.47	-12.67/-11.52
Θ(127.5°)	-15.06/-14.58	-16.27/-18.62	-12.64/-13.39	-10.4/-12.42	-11.66/-11.47	-11.36/-11.21	-12.21/-10.77	-12.52/-14.01	-10.79/-12.4	-11.02/-12.95	-10.06/-11.52	-10.22/-14.57	-10.27/-10.76	-12.78/-10.26	-11.24/-15.19	-17.45/-17.71	-17.82/-18.67	-18.45/-14.71	-12.53/-16.3	-19.11/-51.31	-18.46/-18.95	-18.26/-14.62	-13.17/-14.85	-15.08/-15.17
Θ(135°)	-18.99/-18.91	-18.45/-15.28	-13.74/-17.85	-15.05/-13.38	-15.86/-14.68	-16.15/-15.06	-12.95/-14.73	-18.48/-13.1	-14.61/-15.37	-13.51/-13.85	-13.15/-13.17	-13.03/-13.22	-11.68/-15.4	-13.75/-15.28	-17.82/-18.08	-11.75/-18.82	-18.92/-18.72	-16.59/-17.24	-18.23/-18.63	-18.66/-18.05	-17.65/-17.46	-16.26/-18.06	-16.19/-18.14	-19.37/-18.65
Θ(142.5°)	-17.61/-17.24	-14.46/-12.99	-13.95/-14.82	-14.66/-18.4	-16.92/-15.79	-16.33/-17.41	-15.23/-13.46	-14.77/-16.45	-17.33/-18.79	-18.82/-17.86	-16.91/-18.55	-17.84/-17.96	-15.22/-18.8	-18.26/-18.41	-17.85/-18.81	-16.96/-19.09	-18.05/-17.49	-18.45/-19.07	-18.48/-18.07	-18.5/-16.65	-18.86/-18.28	-16.78/-19.41	-16.77/-18.48	-17.69/-18.24
Θ(150°)	-18.75/-17.6	-18.8/-15.84	-18.35/-17.7	-18.9/-18.29	-18.82/-18.47	-18.61/-19.02	-18.18/-16.73	-15.65/-13.44	-16.03/-19.09	-18.33/-18.32	-18.77/-18.34	-19.04/-18.31	-18.95/-18.56	-17.8/-19.02	-19.15/-18.13	-18.16/-18.48	-18.25/-18.04	-18.22/-18.49	-17.38/-18.32	-18.38/-18.37	-18.74/-18.48	-18.44/-18.95	-18.34/-17.79	-18.28/-17.88
Θ(157.5°)	-18.46/-17.77	-18.21/-18.84	-18.34/-18.99	-18.52/-18.34	-18.23/-17.44	-17.87/-19.02	-18.48/-18.69	-17.81/-18.01	-19.18/-18.17	-19.18/-18.26	-18.18/-17.51	-18.38/-18.56	-18.27/-17.52	-18.94/-17.51	-17.78/-18.24	-18.36/-17.83	-18.28/-18.6	-16.85/-17.87	-17.51/-19.01	-18.6/-18.77	-19.15/-17.61	-17.63/-15.45	-18.07/-19.01	-18.46/-18
Θ(165°)	-17.87/-18.77	-18.96/-19.11	-17.26/-18.77	-18.14/-19.06	-18.06/-18.58	-17.48/-17.36	-19.22/-17.94	-19.19/-17.8	-17.92/-17.66	-15.67/-17.09	-16.9/-18.3	-18.74/-18.28	-17.96/-19.3	-18.78/-18.42	-17.39/-18.34	-19.4/-18.91	-17.87/-18.99	-18.1/-18.12	-18.49/-18.68	-17.51/-18.1	-18.43/-18.6	-18.32/-18.56	-17.36/-18.49	-18.05/-18.67
Θ(172.5°)	-18.16/-18.7	-18.85/-19.01	-17.59/-18.27	-18.96/-18.75	-18.83/-17.95	-18.35/-18.82	-17.68/-18.34	-16.92/-16.28	-15.83/-17.95	-17.11/-17.68	-18.22/-18.71	-17.88/-19.36	-17.88/-18.41	-18.36/-18.73	-19.34/-19.03	-18.37/-17.82	-18.71/-18.53	-19.04/-19.42	-18.13/-18.4	-18.39/-18.28	-19.06/-19.58	-18.88/-18.66	-18.48/-19.18	-18.97/-18.02
Θ(180°)	-19.21/-19.28	-17.13/-18.72	-18.33/-18.83	-18.69/-18.68	-19.04/-18.87	-18.67/-18.39	-17.68/-17.95	-18.79/-18.35	-18.54/-18.72	-18.13/-19.32	-18.41/-17.96	-18.39/-17.9	-17.47/-18.06	-18.22/-18.98	-18.83/-18.65	-17.51/-18.07	-18.19/-18.41	-17.42/-19.76	-17.92/-19.15	-18.99/-17.99	-19.03/-18.21	-17.71/-18.04	-18.77/-18.79	-17.53/-17.94
Freq(Hz)	5.885GPol.	ThetaAnt. 1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	-2.72/-3.64	-4.24/-5.64	-6.83/-8.17	-9.63/-11.33	-15.51/-18.29	-15.14/-12.14	-9.82/-12.85	-6.24/-5.82	-3.7/-3.42	-3.83/-2.7	-2.09/-2.26	-2.31/-3.34	-4.45/-5.22	-6.15/-7.01	-8.34/-10.08	-13.33/-16.93	-18.41/-17.7	-14.94/-12.14	-9.79/-8.22	-6.27/-5.06	-4.82/-4.07	-3.15/-2.71	-2.85/-2.77	-2.48/-2.46
Θ(7.5°)	-2.52/-3.1	-4.14/-5.71	-7.39/-8.65	-10.17/-10.9	-15.73/-18.82	-18.78/-18.14	-14.61/-12.65	-9.52/-7.14	-5.94/-4.31	-4.85/-4.11	-2.56/-1.94	-2.08/-2.63	-3.25/-4.07	-4.61/-5.73	-7.26/-8.83	-11.22/-15.85	-18.47/-15.22	-13.16/-9.38	-8.43/-6.99	-5.16/-4.8	-4.42/-3.15	-2.66/-2.28	-2.18/-2.37	-2.21/-1.99
Θ(15°)	-0.63/-0.92	-1.9/-3.29	-5.53/-8.6	-11.34/-13.16	-17.1/-18.97	-18.71/-16.24	-12.24/-11.75	-10.78/-10.93	-9.29/-9.14	-9.24/-6.95	-5.18/-4.99	-4.98/-4.59	-4.11/-10.02	-4.22/-4.9	-6.7/-07	-9.23/-13.02	-18.57/-18.82	-18.14/-17.57	-15.14/-13.69	-10.45/-8.33	-7.62/-6.78	-5.61/-4.29	-3.11/-2.12	-2.91/-1.44
Θ(22.5°)	-2.37/-1.2	-0.65/-1.81	-5/-9.46	-11.53/-13.92	-16.56/-18.03	-17.57/-14.17	-19.13/-19.1	-17.36/-18.02	-13.27/-8.8	-9.37/-9.74	-6.63/-6.48	-7.5/-7.41	-8.27/-7.8	-6.91/-7.41	-4.54/-6.31	-9.87/-14.11	-15.35/-17.92	-18.53/-17.91	-15.93/-13.22	-12.07/-8.34	-6.13/-5.26	-3.43/-3.21	-4.03/-3.15	-5.54/-2.23
Θ(30°)	-6.14/-3.97	-2.32/-6.9	-6.44/-11.64	-11.39/-13.22	-18.73/-18.32	-18.72/-18.84	-16.92/-11.43	-8.13/-8.05	-8.25/-7.18	-7.15/-5.06	-5.4/-4.58	-5.24/-6.39	-8.19/-10.06	-8.22/-6.63	-6.52/-8.91	-13.71/-10.02	-8/-11.41	-15.41/-18.06	-18.41/-18.12	-15.55/-8.3	-5.42/-3.88	-3.52/-3.68	-3.55/-4.12	-4.42/-5.6
Θ(37.5°)	-4.4/-59	-5.01/-4.62	-7.2/-9.49	-7.68/-9.99	-14.79/-18.24	-14.92/-12.06	-10.64/-11.09	-8.06/-9.56	-8.85/-11.3	-7.91/-6.47	-4.68/-2.35	-4.03/-6.4	-6.67/-6.45	-7.82/-8.53	-7.49/-9.68	-15.61/-8.94	-5.43/-8.98	-17.2/-15.75	-12.2/-12.95	-9.5/-6.03	-4.23/-4.39	-4.03/-3.69	-4.65/-4.99	-6.67/-4.6
Θ(45°)	-4.63/-4.88	-6.71/-4.42	-5.94/-9.67	-7.14/-7.46	-9.24/-11.06	-8.7/-8.49	-9.96/-8.51	-8.43/-10.15	-7.32/-7.57	-6.43/-6.2	-8.32/-4.07	-3.25/-5.72	-9.09/-5.96	-5.17/-6.21	-9.32/-10.2	-10.75/-9.66	-6.52/-9.7	-10.5/-7.6	-6.29/-8.29	-12.81/-10.75	-9.11/-10.42	-8.94/-6.67	-6.51/-7.55	-6.86/-7.19
Θ(52.5°)	-7.09/-3.72	-6.34/-5.31	-8.11/-10.51	-8.09/-8.77	-12.92/-9.91	-10.91/-14.9	-12.57/-10.28	-11.09/-11.84	-9.71/-7.2	-6.37/-6.42	-8.1/-7.02	-4.85/-7.36	-12.32/-7.68	-5.97/-8.89	-16.25/-13.38	-12.37/-12.87	-10.34/-13.05	-11.94/-7.08	-5.97/-7.93	-10.21/-17.57	-17.9/-18.73	-17.87/-18.5	-17.26/-18.05	-7.27/-7.68
Θ(60°)	-10.22/-8.78	-8.46/-8.87	-10.61/-10.6	-10.8/-13.73	-11.07/-11.45	-11.24/-13.99	-11.57/-12.09	-14.26/-11.59	-11.28/-4.85	-8.45/-9.6	-9.99/-10.61	-6.67/-8.08	-12.02/-15.52	-8.89/-9.94	-18.92/-18.34	-17.62/-17.89	-16.58/-18.08	-17.51/-10.39	-10.08/-10.89	-12.25/-18.74	-19.08/-15.08	-16.71/-19.25	-18.84/-15.67	-8.44/-9.29
Θ(67.5°)	-14.24/-11.44	-11.64/-14.12	-12.89/-12.48	-13.08/-17.65	-14.54/-17.15	-18.81/-14.87	-12.47/-11.96	-13.7/-12.67	-13.38/-9.42	-8.83/-10.46	-13.99/-13.05	-9.1/-12.9	-13.37/-18.94	-12.51/-17	-17.7/-16.7	-13.97/-13.33	-17.86/-19.04	-18.14/-18.64	-15.62/-15.49	-13.21/-13.78	-15.23/-14.81	-18.14/-19.25	-14.69/-11.64	-10.1/-12.58
Θ(75°)	-18.45/-13.42	-14.39/-17.42	-15.62/-17.02	-17.01/-19.3	-15.87/-18.35	-18.01/-18.06	-17.46/-11.6	-14.98/-18.47	-17.84/-16.74	-9.85/-13.27	-13.79/-19.25	-12.18/-13.67	-16.54/-19.89	-18.94/-17.5	-18.4/-13.3	-13.1/-12.56	-15.72/-17	-16.82/-18.1	-17.62/-19.16	-13.8/-13.31	-16.79/-18.95	-18.67/-18.5	-13.23/-11.49	-14.61/-18.1
Θ(82.5°)	-17.96/-17.22	-16.92/-18.16	-18.09/-18.16	-17.88/-18.97	-15.77/-18.84	-17.91/-18.64	-17.57/-12.04	-17.45/-18.76	-17.19/-19.08	-13.8/-18.56	-16.27/-19.05	-16.63/-18.61	-17.89/-17.97	-18.28/-18.29	-18.22/-15.81	-16.82/-13.73	-16.9/-18.59	-17.66/-18.64	-16.12/-19.03	-17.89/-17.67	-18.68/-18.28	-19.54/-18.58	-15.92/-14.43	-18.42/-18.26
Θ(90°)	-18.01/-18.77	-19.01/-18.6	-18.68/-18.52	-17.79/-18.71	-18.86/-19.24	-17.93/-18.93	-15.34/-14.52	-17.78/-17.5	-16.63/-15.61	-18.48/-18.39	-19.03/-18.85	-18.66/-18.61	-17.52/-18.12	-18.42/-18.2	-17.23/-17.63	-17.96/-17.08	-19.12/-18.28	-18.2/-18.3	-17.31/-18.12	-15.65/-18.43	-18.04/-18.24	-18.13/-18.81	-18.88/-17.97	-18.82/-17.55
Θ(97.5°)	-15.49/-18.84	-18.13/-18.61	-17.36/-18.93	-19.07/-17.68	-18.93/-17.59	-18.88/-18.8	-16.21/-16.87	-17.64/-18.56	-17.49/-14.26	-16.86/-18.42	-19.11/-18.41	-17.77/-17.86	-18.05/-17.88	-17.7/-18.81	-18.2/-19.34	-19.06/-18.81	-18.38/-17.7	-17.47/-18.71	-19.23/-18.12	-17.05/-15.4	-18.13/-17.96	-18.12/-19.04	-18.46/-17.19	-18.5/-18.95
Θ(105°)	-16.76/-18.77	-18.54/-18.63	-19.09/-18.43	-18.56/-17.87	-18.43/-17.46	-19.04/-18.04	-15.26/-18.43	-19.26/-18.43	-18.95/-15.68	-18.37/-18.7	-19.31/-19.06	-18.88/-18.97	-18.9/-17.77	-15.5/-19.06	-18.46/-16.76	-15.3/-18.64	-18.56/-15.58	-19.52/-18.96	-18.63/-18.01	-19.05/-16.23	-19.77/-19.15	-17.77/-19.02	-17.72/-18.41	-17.57/-17.45
Θ(112.5°)	-16.17/-17.91	-17.77/-18.9	-18.5/-17.77	-17.64/-17.38	-18.8/-18.07	-18.3/-16.27	-18.07/-19	-17.68/-17.88	-17.39/-18.72	-18.02/-19.21	-17.37/-18.16	-18.12/-19.29	-18.32/-18.59	-18.77/-18.53	-18.49/-17.68	-18.93/-18.01	-18.8/-18.51	-18.06/-18.94	-18.11/-18.34	-18.84/-18.66	-18.02			



Radiated Composite Gain Data_Radio 2 5GHz for EUT 1

Appendix B

Θ(120°)	-10.75/-17.97	-18.23/-18.62	-13.65/-13.63	-19.29/-17.72	-15.76/-17.12	-13.85/-12.8	-14.63/-11.74	-12/-13.29	-12.37/-12.15	-10.39/-9.49	-9.1/-9.08	-10.25/-11.63	-12.56/-10.64	-9.01/-8.99	-11.56/-12.88	-12.21/-11.17	-11.99/-17.9	-13.63/-12.4	-11.27/-11.6	-11.12/-16.47	-14.29/-11.43	-11.39/-13.67	-15.58/-17.72	-17.1/-11.83
Θ(127.5°)	-13.64/-18.85	-17.97/-18.62	-16.13/-16.83	-18.21/-17.19	-18.67/-18.61	-17.92/-18.08	-18.82/-18.85	-17.66/-18.37	-18.38/-17.27	-14.65/-12.56	-14.65/-13.37	-16.91/-18.66	-17.24/-16.31	-14.9/-13.68	-16.39/-17.24	-14.78/-13.34	-16.97/-18.6	-19.31/-16.68	-13.91/-19.42	-13.76/-17.13	-18.22/-18.55	-15.82/-16.56	-19.11/-18.11	-18.7/-18.05
Θ(135°)	-15.25/-17.65	-19.13/-17.6	-17.26/-18.43	-19.29/-17.62	-18.85/-18.36	-18.55/-17.93	-18.05/-18.72	-18.16/-17.9	-18.32/-16.65	-18.29/-12.54	-19.1/-16.6	-16.96/-17.97	-16.76/-16.32	-17.58/-17.91	-17.71/-17.99	-18.08/-15.55	-17.71/-18.62	-17.55/-18.17	-17.07/-18.52	-15.56/-17.86	-18.64/-18.29	-18.64/-19.32	-19.19/-19.04	-17.45/-17.98
Θ(142.5°)	-19.01/-18.72	-18.29/-19.1	-18.57/-18.02	-18.13/-18.65	-17.99/-17.87	-17.66/-17.72	-18.73/-17.78	-18.01/-18.89	-17.81/-19.46	-17.61/-17.77	-19.66/-19.15	-17.2/-15.81	-16.68/-17.06	-17.91/-16.75	-19.03/-16.53	-16.13/-15.96	-18.73/-18.75	-18.62/-17.73	-17.56/-18.23	-15.03/-17.89	-18.18/-17.64	-18.65/-19.25	-18.04/-18.92	-18.98/-18.93
Θ(150°)	-18.7/-17.55	-17.71/-19.4	-17.42/-18.53	-18.31/-18.69	-18.65/-19.2	-19.21/-19.68	-19.75/-18.08	-18.22/-18.37	-17.43/-18.07	-18.46/-16.55	-16.71/-17.87	-18.2/-17.98	-18.59/-18.44	-18.29/-18.74	-18.93/-18.22	-19.16/-18.09	-18.1/-17.93	-19.07/-18.21	-18.19/-18.09	-18.23/-18.64	-19.11/-17.63	-19.29/-18.95	-18.29/-19.46	-18.02/-18.1
Θ(157.5°)	-18.91/-18.4	-19.03/-18.34	-18.44/-18.02	-18.63/-17.75	-18.51/-18.63	-17.66/-17.62	-18.51/-18.08	-18.73/-18.57	-17.46/-18.55	-19.09/-19.07	-18.51/-18.61	-17.76/-19.04	-17.71/-18.74	-19.08/-17.74	-18.22/-17.74	-18.71/-17.83	-18.17/-18.17	-18.37/-18.86	-18.63/-17.96	-18.14/-17.82	-19.38/-18.05	-18.79/-18.05	-17.68/-18.9	
Θ(165°)	-18.1/-18.74	-18.64/-18.97	-19.1/-19.12	-17.9/-18.85	-18.03/-17.76	-19.27/-17.48	-19.12/-18.87	-19.14/-17.55	-17.96/-18	-19.03/-18.21	-18.24/-18.55	-18.74/-18.55	-18.19/-18.26	-18.94/-18.3	-18.12/-17.23	-18.38/-19.19	-18.18/-17.59	-18.45/-17.91	-18.57/-19.11	-19.07/-17.89	-18.76/-18.49	-18.25/-18.07	-19.37/-17.61	-17.74/-18.39
Θ(172.5°)	-18.05/-18.97	-17.69/-17.28	-17.98/-18.69	-17.87/-18.76	-17.61/-18.46	-17.81/-18.65	-18.02/-19.13	-19.12/-18	-17.74/-18.06	-17.74/-18.03	-18.04/-18.8	-17.63/-17.53	-19/-19.02	-18.69/-18.86	-18.75/-18.54	-18.48/-18.88	-17.53/-17.8	-18.6/-18.85	-18.46/-18.57	-19.02/-18.78	-17.67/-17.69	-18.18/-18.68	-18.49/-17.5	-18.88/-19.21
Θ(180°)	-18.75/-18.83	-18.8/-18.81	-17.78/-17.5	-18.01/-18.78	-18.37/-18.92	-18.74/-19.21	-18.4/-18.52	-18.27/-18.44	-18.41/-17.88	-18.11/-17.32	-18.04/-18.86	-18.26/-18.05	-18.95/-17.74	-19.16/-18.59	-18.19/-17.68	-18.38/-18.74	-18.78/-18.66	-18.55/-17.29	-19.05/-18.57	-18.86/-18	-17.46/-18.8	-18.43/-18.23	-19.02/-17.42	
Freq(Hz)	5.3GPol	ThetaAnt. 2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)
Θ(0°)	-18.47/-18.42	-18.17/-18.29	-18.94/-17.23	-16.36/-15.97	-15.17/-14.64	-15.87/-16.09	-16.4/-16.08	-15.65/-15.27	-15.59/-15.54	-15.92/-17.53	-18.97/-19.43	-18.85/-19.37	-18.89/-19.06	-18.36/-18.83	-18.71/-18.67	-17.82/-16.32	-18.27/-16.39	-13.49/-13.84	-13.84/-14.29	-15.03/-17.13	-18.84/-18.37	-18.24/-18.57	-18.97/-18.66	
Θ(7.5°)	-15.33/-18.04	-14.07/-11.63	-12.99/-14.47	-12.46/-11.2	-10.94/-11.04	-11.12/-10.75	-10.79/-11.01	-10.85/-11.49	-13.02/-14.99	-17.12/-18.35	-17.52/-17.73	-17.73/-13.73	-11.64/-13.26	-13.16/-8.89	-7.52/-9.21	-11.53/-11.2	-11.91/-14.34	-16.26/-15.31	-14.6/-13.55	-11.91/-11.05	-10.92/-11.79	-12.67/-12.81	-13.11/-13.95	-13.74/-12.58
Θ(15°)	-13.61/-16.68	-10.66/-8.21	-9.05/-6	-7.82/-8.63	-7.74/-9.75	-12.34/-13.58	-12.21/-10.25	-9.17/-9.62	-11.41/-14	-16.76/-18.69	-18.39/-18.24	-18.08/-14.58	-14.15/-15.02	-14.95/-11.67	-8.69/-8.54	-9.38/-9.64	-10.68/-12.14	-18.94/-16.62	-15.42/-12.07	-9.08/-7.38	-7.24/-8.24	-10.49/-11.67	-10.81/-11.74	-12.16/-10.79
Θ(22.5°)	-18.97/-18.46	-16.42/-10.55	-11.21/-12.72	-11.16/-8.92	-7.83/-7.82	-9.45/-12.73	-13.48/-10.27	-8.37/-8.26	-10.02/-13.45	-18.58/-17.58	-18.75/-17.77	-18.51/-17.56	-18.43/-19.26	-14.65/-12.77	-11.75/-10.45	-9.39/-8.89	-9.51/-12.07	-16.28/-14.75	-10.5/-8.06	-7.99/-9.39	-13.71/-10.29	-18.87/-18.88	-16.66/-18.19	
Θ(30°)	-17.39/-18.82	-19.01/-13.49	-9.53/-9.95	-11.96/-10.05	-7.66/-6.04	-6.71/-9.9	-13.01/-10.15	-7.48/-7.13	-7.76/-11.19	-17.89/-18.61	-17.92/-17.6	-17.82/-18.24	-18.41/-16.21	-14.8/-16.2	-18.37/-14.33	-12.73/-11.34	-8.69/-7.53	-7.77/-9.14	-12.11/-13.86	-9.71/-8.2	-10.16/-15.21	-17.21/-17.67	-12.97/-10.28	-10.76/-14.29
Θ(37.5°)	-17.35/-13.92	-18.14/-12.51	-10.08/-9.17	-7.94/-8.47	-8.95/-6.19	-4.67/-5.61	-9.01/-10.23	-8.84/-7.16	-7.61/-11.38	-17.71/-18.89	-17.66/-17.15	-18.9/-18.44	-15.13/-12.11	-13.58/-15.98	-15.8/-16.24	-13.25/-17.12	-8.4/-8.24	-8.1/-9.12	-11.05/-12.08	-10.39/-11.42	-12.29/-17.61	-12.97/-11.21	-10.03/-8.54	-9.41/-12.15
Θ(45°)	-12.11/-11.81	-13.6/-13.4	-13.44/-18.31	-11.2/-10.58	-15.24/-11.36	-7.34/-6.68	-8.05/-7.71	-8.44/-7.16	-6.28/-9.55	-14.11/-12.68	-17.86/-18.61	-14.72/-19.29	-18.96/-16.01	-15.84/-14.76	-16.51/-12.59	-10.71/-10.09	-12.58/-13.42	-12.38/-15.92	-16.54/-11.63	-9.71/-11.06	-12.97/-11.06	-13.58/-11.41	-9.41/-12.15	
Θ(52.5°)	-12.66/-13.06	-13.45/-9.93	-9.83/-14.66	-19.44/-12.52	-13.35/-18.14	-15.58/-10.03	-9.77/-8.17	-8.12/-8.17	-8.44/-12.86	-18.85/-16.51	-13.76/-12.64	-15.24/-16.37	-16.42/-15.63	-16.45/-18.31	-17.08/-17.85	-15.21/-18.05	-18.22/-16.91	-15.87/-14.16	-12.02/-11.67	-15.29/-18.5	-15.81/-11.58	-12.14/-15.63	-19.29/-12.92	-9.98/-10.05
Θ(60°)	-15.99/-12.92	-14.97/-14.49	-10.88/-9.37	-16.6/-16.83	-12.01/-10.17	-16.08/-11.56	-11.15/-15.17	-10.86/-9.11	-10.99/-14.71	-15.29/-14.53	-16.56/-16.16	-17.24/-14.85	-13.55/-19.09	-17.86/-18.92	-17.42/-17.67	-17.79/-13.86	-19/-19.93	-16.04/-19.71	-13.78/-17.05	-14.63/-17.92	-18.38/-15.26	-17.5/-19.1	-18.97/-15.35	-13.13/-14.4
Θ(67.5°)	-18.91/-11.49	-14.03/-18.27	-11.5/-9.55	-16.77/-18.03	-11.7/-5	-11.64/-13.8	-12.2/-12.14	-14.37/-9.99	-13.13/-15.24	-18.35/-19.16	-16.54/-14.05	-14.59/-15.64	-17.89/-17.78	-18.55/-14.22	-18.21/-18.75	-16.61/-18.63	-17.11/-12.86	-18.99/-19.09	-17.86/-18.26	-18.23/-18.68	-17.07/-16.69	-16.66/-18.49		
Θ(75°)	-18.37/-12.4	-13.3/-15.98	-18.8/-13.87	-19.43/-17.38	-10.47/-7.61	-10.2/-14.12	-15.31/-12.71	-15.65/-14.2	-14.84/-16.73	-18.15/-17.23	-17.28/-18.62	-18.56/-18.28	-19.29/-18.21	-18.11/-18.69	-18.99/-18.47	-17.92/-18.29	-18.97/-18.06	-19.69/-18.3	-18.74/-15.05	-17.33/-17.22	-17.96/-18.83	-17.78/-18.11	-18.67/-18.9	-19.01/-18.39
Θ(82.5°)	-18.8/-14.22	-13.29/-17.56	-17.97/-18.24	-18.31/-16.1	-13.24/-11.07	-12.39/-13.26	-14.17/-15.77	-16.8/-16.45	-14.89/-17.71	-18.23/-16.91	-17.67/-18.86	-17.41/-18.26	-17.61/-18.89	-18.6/-18.65	-18.81/-18.52	-15.88/-18	-18.08/-17.97	-17.44/-18.34	-18.64/-17.52	-18.99/-18.47	-19.14/-19.11	-17.89/-19.09	-17.89/-18.71	-17.77/-18
Θ(90°)	-18.13/-17.38	-16.28/-19.33	-18.19/-17.42	-17.79/-17.89	-18.45/-15.57	-13.81/-13.18	-13.97/-18.47	-16.04/-17.54	-16.04/-17.54	-18.81/-17.93	-19.82/-17.54	-19.07/-17.73	-18.67/-17.84	-18.73/-17.85	-19.16/-17.96	-17.76/-18.5	-17.77/-17.97	-17.76/-19.25	-19.19/-18.81	-18.98/-18.07	-18.37/-18.95	-17.81/-19.29	-17.77/-19.26	-18.86/-18.22
Θ(97.5°)	-19.08/-19.39	-19.08/-17.94	-18.29/-18.83	-17.9/-17.87	-18.58/-18.73	-16.04/-15.59	-15.33/-17.17	-18.31/-17.95	-16.48/-18.49	-18.89/-18.53	-18.06/-18.76	-19.03/-18.52	-18.64/-18.6	-17.91/-17.38	-17.97/-18.61	-18.78/-18.69	-17.28/-18.62	-18.82/-18.22	-17.86/-18.29	-17.5/-18.25	-18.75/-17.66	-19.01/-18.82	-18.79/-17.91	-18.7/-16.68
Θ(105°)	-19.06/-19.1	-19.56/-18.54	-18.78/-17.57	-17.26/-18.52	-18.91/-18.85	-16.52/-18.87	-16.54/-18.34	-18.88/-17.86	-18.4/-17.86	-18.07/-18.28	-18.77/-18.61	-18.77/-18.87	-18.37/-19.02	-18.77/-17.97	-18.91/-18.78	-18.92/-18.05	-19.21/-17.83	-18.33/-18.06	-19.1/-19.44	-18.64/-17.71	-19.09/-18.84	-18.64/-18.5	-18.19/-18.52	-18.18/-17.17
Θ(112.5°)	-17.68/-18.61	-19.18/-18.76	-18.68/-17.36	-19.02/-18.8	-17.99/-17.34	-18.38/-18.57	-17.78/-18.01	-18.04/-18.22	-18.91/-18.65	-18.71/-18.66	-18.47/-18.66	-18.4/-18.67	-17.26/-18.83	-18.97/-19.24	-17.51/-18.8	-18.72/-19.3	-18.94/-17.75	-18.11/-18.87	-18.48/-18.14	-18.02/-18.36	-18.53/-17.59	-17.85/-18.58	-17.8/-18.17	
Θ(120°)	-19.06/-18.42	-17.99/-18.55	-18.21/-17.78	-18.65/-18.64	-17.28/-18.67	-17.99/-18.87	-17.54/-18.41	-18.96/-17.62	-18.42/-19.01	-17.58/-19.03	-18.53/-18.01	-18.37/-18.21	-18.33/-18.86	-18.03/-18.21	-19.26/-18.86	-17.46/-18.7	-18.07/-18.82	-18.32/-18.08	-17.63/-17.83	-19.31/-18.94	-18.53/-18.74	-19.04/-18.84		
Θ(127.5°)	-19.04/-17.71	-19.23/-18.08	-18.44/-18.27	-17.98/-18.14	-19.1/-19.01	-18.94/-18.3	-18.68/-18.05	-18.17/-18.68	-18.73/-18.56	-17.33/-18.1	-19.27/-18.9	-18.73/-18.4	-18.12/-17.65	-18.51/-19.16	-19.28/-17.49	-18.81/-18.77	-18/-18.79	-19.02/-18.9	-18.83/-17.3	-18.65/-18.42	-18.31/-18.3	-18.18/-18.04	-18.35/-18.25	-17.61/-18.76
Θ(135°)	-17.85/-17.43	-19.23/-18.48	-18.89/-18.62	-19.33/-19.12	-18.15/-18.67	-18.83/-17.74	-17.89/-18.67	-19.21/-18.74	-19.18/-18.92	-18.83/-18.61	-18.42/-18.78	-19.17/-18.92	-18.97/-18.57	-18.2/-18.24	-18.75/-18.64	-18.94/-18.86	-18.92/-18.05	-17.53/-17.89	-18.93/-17.15	-18.77/-18.36	-19.04/-18.89	-18.33/-18.23	-17.61/-18.17	-18.09/-18.54
Θ(142.5°)	-18.74/-18.97	-17.84/-18.15	-18.27/-17.87	-19.24/-17.46	-18.14/-18.88	-18.95/-18.64	-18.54/-18.07	-18.18/-18.6	-18.14/-18.3	-19.17/-18.83	-18.95/-18.41	-19.02/-19.17	-17.96/-19.09	-18.31/-18.25	-19.12/-18.41	-18.11/-18.25	-17.51/-18.1	-18.99/-19.06	-18.83/-18.65	-19.06/-19.04	-19.02/-19.19	-19.01/-18.52	-17.91/-17.38	-18.93/-18.34
Θ(150°)	-16.67/-18.54	-17.53/-18.72	-19.03/-18.98	-18.87/-18.35	-17.84/-19.04	-18.82/-17.92	-18.54/-19.19	-18.89/-17.31	-18.66/-18.59	-18.27/-18.42	-18.51/-18.47	-18.87/-18.54	-17.36/-18.69	-18.49/-18.88	-18.99/-18	-17.98/-17.5	-18.47/-18.62	-18.64/-18.1	-18/-17.97	-18.14/-17.88	-17.69/-19.14	-17.85/-17.83	-18.69/-18.41	-17.11/-17.6



Radiated Composite Gain Data_Radio 2 5GHz for EUT 1

Appendix B

Θ(180°)	-18.44/-18.56	-18.35/-18.52	-18.6/-18.45	-18.21/-18.65	-18.51/-18.61	-19.4/-18.93	-18.13/-18.31	-18.69/-18.21	-18.68/-18.59	-17.57/-19.02	-18.72/-18.27	-17.73/-18.73	-18.73/-18.04	-17.99/-18.31	-18.19/-18.07	-18.65/-17.89	-18.58/-18.78	-18.12/-18.8	-17.3/-19.17	-19.04/-17.74	-18.17/-19.07	-17.78/-17.49	-18.58/-18.64	-18.8/-18.95
Freq(Hz)	5.785GPol.	ThetaAnt. 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-16.96/-15.35	-14.78/-13.26	-12.89/-11.83	-11.37/-10.49	-10.49/-10.38	-10.13/-10.38	-10.83/-11.57	-12.19/-13.32	-14.86/-16.09	-18.28/-17.7	-18.4/-19.32	-18.51/-18.02	-18.45/-18.29	-16.33/-13.58	-12.66/-13.78	-10.39/-14.79	-9.81/-10.28	-10.39/-10.72	-11.27/-12.39	-13.78/-16.12	-17.82/-18.2	-17.99/-18.64	-18.63/-18.71	
Θ(7.5°)	-16.53/-17.48	-17.86/-16.87	-15.69/-12.44	-9.85/-8.3	-7.57/-6.74	-5.8/-5.57	-5.8/-6.24	-6.91/-8.01	-9.2/-10.58	-11.89/-13.14	-18.1/-17.87	-16.04/-12.81	-12.19/-10.51	-8.79/-9.12	-9.37/-7.56	-6.41/-6.73	-8/-9.55	-10.97/-13.61	-18.32/-19.15	-19.28/-18.4	-18.84/-16.24	-14.14/-13.69	-14.35/-16.24	
Θ(15°)	-15.54/-18.44	-11.52/-8.22	-7.77/-7.65	-7.44/-7.14	-7.12/-6.79	-5.86/-5.24	-5.32/-6.33	-7.49/-8.58	-8.69/-10.44	-10.54/-11.26	-13.56/-16.44	-17.82/-18.86	-18.09/-17.32	-13.76/-12.11	-11.17/-10.39	-9.08/-7.68	-6.81/-6.09	-6.48/-5.79	-9.17/-12.87	-18.9/-18.34	-16.36/-12.79	-11.72/-11.76	-10.81/-10.62	-11.24/-12.9
Θ(22.5°)	-17.15/-13.84	-9.73/-7.51	-7.79/-10.1	-10.67/-9.43	-8.93/-8.78	-7.59/-5.22	-3.75/-3.88	-5.79/-9.57	-13.87/-12.31	-11.33/-13.62	-16.37/-18.56	-17.2/-17.3	-18.14/-18.03	-18.34/-15.45	-19.46/-18.25	-11.87/-10.12	-9.27/-12.55	-5.82/-6.63	-8.65/-12.85	-19.03/-19.4	-12.25/-8.68	-8.94/-11.74	-15.4/-18.18	-18.58/-19
Θ(30°)	-17.95/-13.58	-8.49/-8.42	-9.75/-9.86	-8.48/-6.43	-6.69/-6.81	-8.13/-7.4	-5.62/-3.95	-3.47/-5.68	-12.27/-17.28	-11.12/-9.62	-10.49/-15.33	-18.21/-18.43	-15.84/-17.84	-14.02/-11.52	-12.96/-14.85	-11.6/-10.51	-8.4/-5.25	-4.16/-4.95	-6.87/-11.7	-19.04/-18.21	-13.44/-11.05	-12.61/-15.65	-18.75/-17.93	-15.53/-16.91
Θ(37.5°)	-19/-18.31	-19.12/-13.53	-8.45/-6.07	-6.77/-7.21	-5.31/-4.96	-6.76/-8.34	-7.5/-4.23	-2.19/-3.37	-9.08/-11.88	-7.02/-5.92	-9.38/-17.62	-18.61/-18.26	-17.56/-17.14	-13.84/-13.2	-9.6/-9.14	-9.95/-4.96	-11.79/-8.92	-5.98/-5.02	-5.6/-8.87	-13.89/-14.95	-16.83/-17.37	-18/-12.58	-11.98/-17.11	-12.81/-14.56
Θ(45°)	-13.19/-11.23	-10.19/-10.29	-12.2/-7.15	-7.93/-9.0	-4.9/-3.3	-4.64/-6.84	-4.06/-4.62	-7.96/-7.9	-11.19/-16.54	-15.65/-17.79	-18.37/-18.28	-15.33/-14.43	-11.45/-9.98	-9.65/-7.19	-8.12/-11.2	-11.2/-9.46	-9.29/-9.66	-10.07/-14	-18.44/-19.22	-16.98/-11.58	-11.91/-16.3	-12.61/-15.65	-18.75/-17.93	-12.86/-14.69
Θ(52.5°)	-10.73/-9.97	-9.21/-8.19	-14.09/-17.89	-13.94/-11.71	-11.26/-9.03	-7.69/-7.23	-7.16/-4.73	-4.25/-5.94	-7.75/-8.72	-9.61/-1.07	-17.5/-17.65	-13.64/-16.35	-17.26/-12.88	-15.98/-18.16	-17.11/-15.38	-12.45/-8.09	-8.92/-8.98	-10.1/-11.06	-12.03/-11.66	-11.91/-18.13	-18.62/-14.87	-18.78/-17.46	-15.88/-18.13	-12.39/-11.53
Θ(60°)	-8.6/-9.32	-11/-8.08	-10.77/-11.53	-18.99/-16.63	-17.93/-18.65	-11.07/-8.15	-8.02/-7.4	-6.36/-7.26	-7.92/-11.42	-11.07/-10.73	-13.69/-18.05	-16.92/-14.87	-18.58/-17.02	-17.12/-17.49	-18.19/-16.33	-13.82/-10.67	-9.1/-9.98	-11.43/-12.32	-14.92/-13.53	-14.43/-17.88	-18.27/-16.17	-15.09/-15.78	-17.31/-18.36	-12.85/-9.24
Θ(67.5°)	-9/-8.91	-13.58/-14.56	-12.63/-9.34	-18.97/-18.82	-15.69/-17.82	-18.21/-12.44	-10.21/-9.01	-9.3/-10.78	-9.95/-9.9	-12.41/-13.52	-9.63/-13.67	-14.67/-18.28	-18.14/-18.76	-18.83/-18.4	-18.32/-18.98	-18.08/-17.84	-18.11/-18.75	-10.56/-12.05	-13.08/-14.33	-17.7/-16.84	-19.4/-18.98	-17.52/-19.09	-16.46/-19.5	-18.47/-18.7
Θ(75°)	-11.59/-9.3	-10.66/-18.14	-14.03/-11.31	-17.54/-17.71	-14.49/-11.03	-10.89/-10.15	-10.4/-13.65	-16.43/-12.61	-14.43/-15.61	-10.98/-17.02	-19.35/-14.27	-18.44/-18.1	-18.71/-17.67	-18.99/-18.86	-18.54/-18.49	-19.11/-18.75	-13.28/-15.4	-15.38/-16.13	-17.58/-17.79	-18.83/-18.78	-19.92/-18.06	-18.92/-17.88	-13.8/-10.59	
Θ(82.5°)	-14.04/-12.52	-15.76/-18.15	-18.84/-17.99	-18.28/-18.17	-14.04/-12.83	-12.54/-12.12	-13.58/-15.37	-18.35/-15.03	-18.61/-16.08	-14.32/-18.4	-17.29/-18.23	-18.95/-18.04	-18.52/-19.11	-18.62/-18.19	-18.98/-17.88	-17.54/-18.01	-17.92/-18.37	-16.63/-18.65	-18.75/-17.74	-18.29/-17.86	-17.73/-18.32	-19.4/-17.61	-17.74/-19.24	-15.03/-14.32
Θ(90°)	-16.26/-15.99	-17.09/-10.99	-18.37/-18.8	-17.97/-18.6	-18.06/-14.46	-13.64/-17.18	-17.53/-17.43	-18.08/-17.75	-18.2/-17.34	-15.14/-15.95	-18.89/-18.15	-16.73/-18.8	-18.78/-17.67	-18.09/-18.76	-17.87/-18.27	-17.63/-18.44	-18.97/-18.03	-16.68/-19.15	-18/-19.79	-18.14/-17.53	-17.83/-18.74	-19.2/-14.83		
Θ(97.5°)	-16.49/-18.92	-18.42/-18.96	-18.6/-18.12	-16.17/-18.56	-18.68/-17.11	-15.18/-19.06	-18.58/-19.42	-17.54/-18.19	-18.01/-16.66	-19.09/-17.65	-15.27/-18.18	-17.89/-17.96	-19.23/-17.41	-18.36/-18.52	-17.63/-19.01	-18.94/-18.7	-18.98/-17.95	-18.83/-18.91	-19.47/-17.47	-17.87/-18.09	-17.93/-18.79	-17.82/-16.6		
Θ(105°)	-18.27/-17.19	-17.91/-18.82	-18.73/-17.54	-18.09/-17.45	-19.36/-16.82	-14.82/-18.13	-19.24/-17.09	-18.58/-19.04	-18.41/-18.73	-18.77/-18.29	-17.97/-15.5	-17.56/-17.92	-17.77/-18.6	-18.46/-18.05	-18.27/-19.24	-17.96/-18.5	-18.36/-17.64	-17.69/-19.17	-18.51/-19.27	-17.79/-17.47	-17.83/-18.8	-18.31/-17.48	-19.08/-17.43	-19.25/-14.14
Θ(112.5°)	-19.36/-18.28	-19.17/-18.58	-18.33/-17.7	-17.91/-17.65	-17.44/-13.9	-15.71/-16.79	-19.11/-17.78	-18.23/-17.47	-17.57/-18.73	-19.21/-18.75	-18.71/-17.71	-17.82/-18.56	-18.51/-17.51	-17.75/-18.95	-18.76/-17.19	-17.94/-18.98	-18.65/-18.95	-18.68/-18.96	-19.16/-18.39	-18.41/-18.13	-18.56/-19.26	-19.02/-18.73	-17.34/-18.12	-18.16/-19
Θ(120°)	-18.91/-18.8	-17.46/-18.06	-18.63/-18.09	-17.96/-17.43	-17.05/-15.57	-17.17/-18.66	-17.17/-19.05	-19.06/-18.65	-17.63/-17.95	-19.23/-18.52	-18.84/-18.83	-18.71/-18.9	-18.56/-18.85	-19.03/-19.03	-18.54/-17.64	-18.17/-17.71	-17.71/-18.56	-17.56/-18.82	-19.1/-18.07	-18.53/-17.69	-19.29/-18.1	-16.91/-18.86	-18.74/-17.98	-19.21/-18.6
Θ(127.5°)	-18.35/-18.31	-19.08/-15.6	-18.83/-18.29	-18.72/-19.41	-17.95/-18.11	-18.07/-17.84	-17.04/-18.12	-17.6/-17.97	-18.34/-17.3	-18.92/-17.62	-18.51/-19	-18.94/-17.71	-18.11/-17.8	-18.19/-19.1	-17.54/-18.89	-19.05/-18.6	-17.56/-18.47	-18.84/-17.54	-19.07/-18.03	-18.23/-17.8	-18.35/-17.26	-19.79/-18.42	-18.79/-16.98	-18.64/-17.66
Θ(135°)	-18.71/-17.64	-17.79/-17.85	-18.97/-18.31	-17.79/-18.56	-18.55/-17.62	-19.17/-19.06	-18.33/-18.63	-17.29/-19.75	-18.88/-18.18	-18.1/-19.4	-18.76/-18.15	-17.24/-18.1	-18.91/-18.92	-17.69/-18.9	-18.33/-17.92	-18.33/-19	-18.44/-18.06	-16.73/-17.39	-18.44/-18.06	-17.14/-19.37	-17.99/-19.21	-17.17/-17.6	-18.91/-18.66	
Θ(142.5°)	-17.93/-17.4	-18.73/-18.52	-18.38/-19.81	-19.26/-18.42	-17.98/-18.68	-18.18/-18.19	-18.63/-17.66	-17.46/-19.05	-18.87/-17.75	-18.31/-18.05	-17.31/-19.13	-17.77/-18.39	-18.41/-18.81	-18.91/-18.45	-19.11/-17.89	-19.32/-17.72	-18.67/-18.39	-17.48/-17.97	-18.09/-18.78	-17.11/-19.05	-18.39/-17.91	-18.75/-17.35	-18.81/-19.23	-18.13/-16.62
Θ(150°)	-18.4/-17.81	-19.15/-18.18	-18.42/-18.48	-18.17/-18.08	-17.3/-17.77	-18.28/-19.38	-18.14/-17.34	-18.48/-18.31	-18/-18.05	-19.01/-17.48	-18.91/-17.7	-18.05/-19.25	-18.33/-18.62	-18.45/-18.39	-19/-19.24	-18.84/-18.32	-19.04/-17.65	-18.15/-17.56	-17.93/-17.99	-18.36/-18.5	-17.63/-18.42	-18.52/-19.07	-17.81/-18.46	-18.01/-18.9
Θ(157.5°)	-17.31/-18.32	-17.36/-17.87	-18.59/-18.8	-19.42/-17.27	-18.19/-18.73	-19/-17.1	-17.97/-18.19	-19.15/-19.77	-17.81/-18.75	-19.22/-18.75	-17.99/-17.98	-18.03/-19.27	-17.36/-18.29	-18.76/-18.02	-17.23/-18.59	-18.21/-18.98	-19.01/-18.43	-19.27/-18.12	-19.15/-17.99	-18.19/-18.34	-17.78/-18.07	-17.64/-18.35	-17.81/-18.5	-18.83/-18.1
Θ(165°)	-18.25/-19.5	-18.51/-17.64	-17.88/-18.71	-18.09/-18.96	-18.93/-18.5	-17.62/-17.7	-18.63/-18.87	-18.64/-18.42	-18.94/-18.26	-17.97/-17.71	-18.42/-17.52	-19.43/-17.7	-18.44/-18.97	-18.19/-18.74	-18.21/-18.09	-18.24/-18.16	-17.53/-18.39	-19.25/-16.94	-18.94/-19.41	-18.62/-18.66	-19.02/-18.16	-19.24/-18.29	-18.88/-19.16	
Θ(172.5°)	-17.91/-18.16	-18.4/-18.23	-17.94/-18.13	-18.78/-19.44	-17.76/-18.77	-18.33/-17.89	-18/-18.63	-17.57/-18.06	-18.99/-17.15	-19.01/-19.23	-19.04/-17.48	-18.48/-17.47	-18.05/-17.74	-18.41/-18.41	-18.54/-18.65	-18.99/-18.48	-18.05/-17.89	-18.53/-17.74	-18.1/-17.91	-19.14/-17.33	-17.72/-17.57	-18.27/-18.58	-18.54/-19.14	-18.52/-18.16
Θ(180°)	-18.17/-18.56	-18.45/-18.46	-18.92/-18.04	-18.5/-18.67	-18.83/-17.56	-17.98/-18.44	-18.84/-18.84	-19.03/-18.13	-18.5/-18.9	-19.38/-17.73	-17.62/-18.44	-18.7/-18.13	-18.24/-18.28	-18.96/-19.24	-19.25/-18.85	-18.94/-18.45	-17.57/-18.69	-17.97/-18.14	-19.13/-18.17	-17.8/-18.47	-18.53/-18.68	-18.96/-19.34	-18.54/-18.13	-18.95/-18.88
Freq(Hz)	5.885GPol.	PhiAnt. 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-7.18/-8.4	-10.67/-11.44	-12.56/-13.74	-15.9/-17.58	-18.75/-18.1	-17.49/-16.82	-15.49/-15.3	-14.46/-13.6	-12.82/-12.03	-11.74/-11.49	-11.15/-10.88	-11.33/-12.17	-12.74/-12.47	-12.83/-14.39	-16.56/-18.16	-17.77/-18.18	-18.41/-18.68	-18.79/-16.46	-14.03/-12.82	-11.85/-11.07	-9.43/-8.21	-8.42/-8.63	-8.03/-8.09	-9.26/-9.49
Θ(7.5°)	-12.26/-11.5	-12.32/-13.07	-13.79/-14.56	-16.94/-18.42	-18.46/-16.1	-13.5/-10.73	-9.1/-8.59	-6.49/-6.33	-6.05/-6.71	-5.34/-5.05	-5.51/-5.05	-5.5/-6.15	-6.87/-8.39	-9.97/-11.56	-13.93/-16.77	-15.46/-15.93	-14.34/-13.31	-12.51/-12.63	-11.39/-10.55	-11.24/-12.17	-12.88/-12.83	-12.57/-12.91		
Θ(15°)	-3.98/-3.84	-1.94/-4.95	-6.94/-8.82	-8.85/-8.73	-8.53/-8.37	-8.34/-8.09	-6.94/-6.31	-5.37/-4.52	-3.98/-3.84	-3.88/-3.67	-3.02/-2.4	-2.37/-2.31	-2.09/-1.66	-1.48/-1.47	-1.68/-1.86	-2.2/-2.61	-3.71/-5.81	-9.41/-14.13	-17.68/-14.83	-10.92/-10.48	-10.92/-11.12	-12.31/-11.59	-8.45/-8.14	-6.



Radiated Composite Gain Data_Radio 2 5GHz for EUT 1

Appendix B

Θ (15°)	-9.61/-10.2	-11.19/-12.08	-12.55/-12.75	-12.14/-11.63	-11.33/-10.44	-9.08/-8.19	-7.81/-7.02	-6.52/-6.4	-6.46/-6.84	-8.28/-10.35	-9.72/-8.21	-7.53/-7.35	-8.15/-10.18	-11.57/-13.6	-16.79/-18.7	-18.18/-18.25	-19.08/-18.56	-17.44/-18.94	-18.79/-18.27	-16.02/-14.84	-12.87/-11.11	-10.53/-10.34	-10.05/-9.48	-9.13/-8.93
Θ (22.5°)	-10.76/-15.79	-17.94/-18.01	-18.99/-16.76	-14.27/-13.94	-15.24/-18.5	-17.67/-14.37	-10.99/-8.7	-7.47/-6.82	-6.54/-5.89	-6.74/-6.73	-9.61/-10.31	-10.2/-9.12	-9.41/-10.13	-11.06/-12.8	-13.26/-14.54	-18.51/-18.13	-18.92/-18.03	-16.06/-15.79	-17.52/-17.97	-18.72/-18.2	-14.69/-12.57	-11.28/-10.31	-9.26/-8.26	-7.33/-8.04
Θ (30°)	-11.09/-15.01	-18.65/-17.56	-17.42/-19.14	-17.18/-18.02	-19.29/-19.07	-18.03/-18.88	-18.09/-18.61	-13.39/-7.84	-6.62/-3.19	-3.95/-5.65	-8.22/-9.76	-9.55/-8.51	-16.74/-10.37	-11.15/-10.77	-13.31/-14.64	-19.17/-85	-16.17/-14.85	-16.49/-13.62	-13.37/-13.98	-18.61/-18.46	-17.35/-13.88	-12.16/-11.23	-10.55/-9.34	-7.78/-24
Θ (37.5°)	-11.05/-13.5	-16.67/-17.77	-18.71/-18.2	-18.49/-18.99	-18.85/-13.18	-12.23/-13.66	-16.31/-18.5	-13.81/-8.36	-5.86/-5.31	-5.56/-6.58	-8.62/-9.31	-8.09/-7.43	-7.91/-7.93	-6.76/-6.23	-8.16/-14.36	-16.52/-14.87	-18.89/-18.76	-18.43/-16.28	-15.23/-15.52	-16.83/-18.83	-18.49/-18.12	-15.39/-14.59	-13.46/-10.38	-8.42/-9.19
Θ (45°)	-10.25/-17.4	-15.55/-19.11	-17.49/-18.04	-18.74/-14.92	-18.07/-8.07	-8.5/-9.14	-10.56/-12.06	-10.29/-9.04	-10.55/-12.36	-10.73/-10.29	-12.92/-14.58	-8.95/-6.7	-8.6/-8.61	-5.61/-6.44	-6.57/-11.87	-16.92/-14.46	-16.1/-18.68	-18.21/-18.59	-19.01/-15.44	-15.59/-19.29	-18.38/-18.61	-17.18/-18.93	-17.44/-18.94	-11.81/-12.81
Θ (52.5°)	-13.13/-19.14	-17.85/-18.11	-17.53/-15.87	-16.21/-11.53	-8.92/-8.63	-10.69/-10.93	-11.18/-14.01	-12.82/-9.76	-8.14/-10.51	-11.04/-13.29	-17.72/-18.5	-9.39/-8.19	-10.14/-8.9	-5.57/-5.37	-17.18/-11.69	-16.83/-17.44	-17.05/-19.79	-17.68/-19.28	-17.98/-16.09	-16.13/-18.38	-16.71/-18.03	-18.43/-18.96	-18.67/-19.09	-14.71/-17.53
Θ (60°)	-18.97/-17.84	-17.54/-19.32	-19.25/-17.65	-17.96/-14.39	-10.76/-9.98	-13.78/-13.96	-12.53/-15.26	-18.65/-15.57	-9.6/-7.8	-12.16/-11.04	-12.66/-16.53	-11.86/-7.74	-9.52/-9.83	-8.61/-7.65	-8.87/-11.35	-16.76/-17.98	-17.53/-17.71	-18.76/-18.14	-19.58/-16.28	-17.8/-18.99	-15.02/-15.47	-18.34/-18.56	-18.49/-17.43	-16.82/-17.78
Θ (67.5°)	-18.32/-17.9	-18.73/-18.52	-19.03/-18.26	-17.52/-18.76	-11.63/-10.11	-16.25/-18.17	-14.58/-14.38	-16.59/-18.65	-14.08/-8.47	-11.68/-9.09	-10.17/-12.94	-9.92/-9.13	-13.81/-9.57	-9.28/-11.13	-12.95/-11.8	-14.54/-15.61	-19.56/-17.68	-18.47/-18.8	-19.23/-18.29	-19.08/-17.93	-16.08/-15.94	-18.11/-15.43	-18.39/-18.14	-18.08/-18.27
Θ (75°)	-18.88/-17.98	-19.39/-17.23	-19.35/-19.3	-17.84/-18.82	-12.04/-11.52	-18.9/-18.62	-18.31/-16.87	-14.19/-15.67	-17.68/-12.28	-11.14/-10.51	-10.92/-12.62	-12.35/-11.94	-10.51/-13.74	-15.63/-10.84	-13.18/-16.21	-18.46/-18.46	-18.54/-18.57	-18.22/-17.77	-19.05/-18.96	-16.9/-16.83	-17.88/-15.74	-19.71/-17.71	-17.67/-17.86	
Θ (82.5°)	-18.15/-18.01	-18.16/-19.06	-18.83/-19.21	-18.75/-18.59	-12.69/-12.52	-17.18/-17.65	-18.04/-17.71	-14.71/-14.64	-18.56/-17.09	-11.54/-11.16	-14.5/-14.3	-14.08/-15.1	-16.95/-12.5	-11.04/-12.49	-15.72/-11.89	-13.34/-17.53	-17.98/-18.65	-15.58/-19.68	-17.95/-18.12	-18.11/-18.96	-18.65/-17.4	-16.25/-17.15	-18.92/-18.61	-18.88/-17.62
Θ (90°)	-18.5/-18.59	-19.11/-17.94	-18.52/-18.96	-18.02/-17.78	-13.87/-14.25	-17.75/-18.73	-19.09/-19.79	-15.98/-14.97	-18.02/-18.61	-15.09/-14.39	-16.93/-17.68	-17.58/-17.03	-16.55/-19.72	-14.8/-14.41	-19.21/-13.53	-15.21/-18.09	-18.82/-18.24	-15.84/-18.08	-17.56/-17.22	-17.96/-18.84	-18.9/-18.38	-16.52/-19.19	-18.65/-18.19	-17.69/-18.97
Θ (97.5°)	-18.64/-18.93	-18.73/-18.87	-18.96/-18.92	-17.6/-18.05	-18.67/-1.88	-18.97/-18.83	-18.79/-17.97	-17.88/-17.81	-18.95/-17.99	-18.88/-18.09	-18.62/-16.85	-18.86/-17.74	-19.39/-15.36	-17.05/-15.84	-17.77/-18.62	-18.43/-19.14	-17.34/-19.55	-19.2/-16.05	-18/-17.79	-18.71/-18.13	-17.77/-18.69	-18.44/-18.74	-17.77/-18.96	
Θ (105°)	-18.97/-17.84	-18.2/-18.94	-18.78/-19.5	-18.08/-18.64	-18.32/-18.63	-19/-18.85	-18.88/-18.53	-18.14/-18.52	-18.8/-18.85	-18.17/-18.13	-19.11/-18.28	-17.98/-18.66	-17.34/-17.76	-19.03/-18.25	-19.47/-17.91	-18.89/-15.53	-19.72/-17.68	-18.63/-18.23	-18.33/-19.12	-18.44/-18.88	-18.7/-18.49	-18.82/-17.96	-19.35/-18.7	-18.6/-17.75
Θ (120°)	-18.76/-18.01	-18.1/-17.9	-18/-18.94	-18.96/-13.78	-17.57/-18.23	-18.03/-17.78	-18.64/-18.1	-18.87/-18.37	-16.06/-17.86	-18.99/-16.73	-18.74/-17.46	-18.61/-18.68	-18.49/-19.02	-17.68/-19.14	-18.33/-19.04	-18.14/-18.25	-19.13/-18.1	-18.77/-14.47	-18.49/-18.16	-18.02/-17.99	-17.38/-18.52	-19.27/-18.28	-17.69/-18.32	
Θ (122.5°)	-18.34/-18.97	-18.11/-18.96	-18.25/-17.88	-18.29/-18.19	-17.92/-18.08	-19.05/-17.77	-18.71/-18.61	-19.09/-17.52	-17.53/-19.09	-16.94/-18.89	-18.13/-18.14	-18.45/-10.3	-17.3/-17.78	-18.23/-18.04	-17.92/-14.49	-18.42/-18.29	-17.59/-18.93	-18.36/-18.55	-19.04/-18.22	-18.42/-18.78	-17.65/-18.96	-17.08/-17.9	-18.43/-19.26	-19.06/-18.84
Θ (127.5°)	-18.18/-17.92	-19/-17.87	-19.29/-18.71	-18.27/-17.52	-19.05/-18.52	-18.26/-18.32	-19.32/-17.63	-18.72/-17.64	-18.37/-18.31	-19.25/-18.56	-16.3/-19.06	-18.57/-17.95	-19.36/-18.99	-18.56/-17.69	-19.12/-17.8	-15.6/-19.17	-17.53/-19.27	-18.49/-17.93	-18.28/-19.24	-17.92/-19	-18.5/-18.73	-18.42/-17.98	-16.62/-19.57	-18.28/-18.41
Θ (132°)	-18.33/-19.33	-17.76/-18.03	-18.09/-18.8	-18.95/-18.28	-18.09/-18.01	-17.43/-18.96	-17.48/-18.03	-18.04/-17.98	-17.65/-19.02	-18.87/-18.94	-18.49/-17.43	-18.6/-18.42	-17.91/-18.76	-18.91/-18.83	-18.12/-18.29	-19.18/-18.48	-17.87/-18.96	-18.19/-18.73	-18.56/-18.03	-15.92/-14.26	-18.3/-18.08	-18.53/-17.69	-19.17/-17.87	-17.94/-19.1
Θ (142.5°)	-18.78/-18.03	-18.02/-18.89	-17.96/-17.17	-17.73/-18.54	-18.53/-17.78	-19.07/-18.29	-17.52/-18.91	-19.08/-18.44	-18.92/-18.75	-18.77/-18.73	-18.22/-17.98	-15.63/-14.74	-17.08/-14.34	-18.71/-19.21	-17.89/-17.71	-18.88/-19.08	-19.22/-17.82	-18.27/-18.34	-18.4/-17.67	-19.28/-18.07	-19.3/-18.54	-18.66/-18.98	-18.16/-18.32	-19.03/-18.38
Θ (150°)	-19.09/-19.38	-19/-18.99	-18.3/-18.67	-17.77/-17.43	-18.48/-18.17	-18.38/-18.32	-17.78/-18.58	-18.32/-19.29	-17.87/-17.94	-18.29/-18.46	-18.11/-17.78	-18.22/-16.95	-17.89/-17.66	-15.61/-17.6	-17.41/-17.71	-18.8/-18.97	-18.22/-18.12	-17.53/-18.4	-17.93/-17.85	-18.74/-18.17	-18.15/-18.19	-18.01/-17.46	-18.41/-17.34	-18.86/-17.53
Θ (157.5°)	-17.81/-19.18	-18.44/-16.33	-17.83/-19.73	-17.51/-18.23	-17.63/-17.81	-17.95/-17.94	-17.97/-18.15	-17.25/-18.61	-17.67/-18.17	-19.24/-17.8	-18.59/-17.98	-18.17/-19.12	-17.9/-18.16	-18.11/-17.96	-18.06/-18.55	-17.87/-17.81	-19.05/-18.13	-18.08/-18.03	-17.98/-17.93	-19.09/-17.98	-18.39/-18.38	-19.46/-18.38	-18.17/-18.22	-17.73/-19.33
Θ (165°)	-18.86/-19.09	-17.73/-19.03	-17.67/-17.85	-18.09/-18.59	-18.6/-18.66	-19.36/-18.75	-18.16/-18.47	-17.44/-17.84	-17.69/-18.02	-18.51/-19.22	-18.32/-17.68	-18.22/-18.19	-18.85/-18.1	-18.23/-18.09	-18.57/-18.38	-18.06/-18.1	-19.37/-19.26	-19.07/-18.25	-18.76/-18.18	-18.06/-17.98	-18.18/-18.46	-18.32/-19.03	-18.3/-17.98	-17.49/-19.16
Θ (172.5°)	-17.88/-18.82	-18.83/-18.76	-18.42/-19.04	-18.07/-18.29	-18.31/-18.53	-17.83/-18.27	-17.87/-18.37	-19.19/-19.06	-18.16/-18.47	-18.14/-17.91	-19.35/-18.08	-17.67/-18.08	-18.34/-18.94	-18.01/-18.01	-18.09/-17.94	-18.93/-17.36	-18.64/-18.49	-19.01/-18.89	-18.06/-18.02	-18.26/-18.04	-17.73/-18.92	-18.46/-18.23	-17.28/-17.93	-17.59/-18.26
Θ (180°)	-17.33/-16.02	-16.3/-16.88	-16.92/-17.68	-18.01/-17.37	-18.09/-18.45	-18.08/-17.79	-18.59/-18.84	-18.13/-18.1	-18.43/-18.3	-17.63/-18.7	-18.2/-15.35	-13.82/-13.99	-15.39/-16.63	-18.39/-18.33	-17.99/-17.97	-18.88/-18.27	-18.1/-19.3	-17.99/-18.35	-18.84/-18.77	-18.69/-18.82	-18.28/-18.28	-18.97/-19.68	-17.35/-17.1	-18.02/-17.75
Freq(Hz)	5.3GPdL	Phi/Ant. 3	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ (0°)	-11.82/-11.09	-9.84/-9.43	-8.67/-8.19	-7.94/-7.79	-7.68/-8.15	-7.91/-8.62	-9.03/-10.08	-12.09/-13.48	-15.04/-17.4	-18.22/-19.1	-18.46/-19.19	-18.64/-17.84	-15.26/-13.13	-11.31/-10.42	-9.66/-9.04	-8.45/-8.21	-8.12/-8.28	-8.57/-9.08	-9.5/-10.26	-11.1/-12.57	-14.83/-17.36	-18.92/-18.42	-17.81/-17.27	-16.51/-13.53
Θ (7.5°)	-14.66/-12.54	-10.97/-9.85	-9.36/-9.09	-8.83/-8.7	-8.55/-8.55	-8.64/-8.83	-9.51/-10.87	-12.33/-13.07	-13.46/-15.16	-16.49/-15.37	-13.26/-12.45	-10.99/-9.55	-8.37/-8.1	-6.81/-6.71	-8.6/-8.87	-9.34/-10.2	-11.3/-12.49	-12.13/-12.67	-14.23/-16.36	-18.11/-19.06	-17.78/-19.35	-19.05/-17.5		
Θ (15°)	-8.86/-8.87	-8.91/-8.32	-7.67/-6.76	-5.51/-4.25	-3.45/-2.93	-2.6/-2.71	-3.37/-4.38	-5.66/-6.86	-7.72/-8.54	-9.07/-9.11	-8.58/-8	-7.77/-7.65	-7.68/-7.46	-6.51/-6.12	-6.32/-6.71	-7.29/-7.91	-8.78/-9.42	-9.58/-9.38	-8.99/-8.11	-7.5/-7.53	-18.9/-8.48	-12.04/-17.05	-18.02/-18.95	-12.86/-10.7
Θ (22.5°)	-6.54/-5.93	-5.45/-4.99	-4.44/-3.57	-2.58/-1.74	-1.52/-1.09	-0.89/-0.98	-1.52/-2.45	-3.53/-3.47	-4.9/-5.15	-5.13/-6.28	-6.6/-5.63	-6.04/-6.8	-7.59/-7.79	-7.29/-6.04	-5.14/-6.46	-4.61/-4.96	-5.35/-4.92	-3.83/-2.67	-1.73/-1.05	-0.66/-0.56	-0.93/-1.84	-3.65/-3.47	-10.81/-16.58	-12.65/-8.45
Θ (30°)	-4.62/-3.57	-3.16/-2.87	-2.5/-2.45	-2.57/-2.01	-1.22/-1.65	-1.15/-0.92	-1.11/-1.65	-1.58/-1.88	-2.64/-3.38	-3.91/-3.78	-3.96/-3.59	-3.1/-3.53	-5.29/-8.07	-8.85/-5.87	-3.8/-3.06	-3.31/-3.55	-3.69/-2.68	-1.72/-1.14	-0.75/-0.9	-0.77/-0.37	-0.1/-0.08	-0.64/-2.15	-4.78/-8.02	-9.94/-7.35
Θ (37.5°)	-3.44/-2.14	-2.31/-2.49	-2.69/-3.05	-3.14/-2.61	-2.26/-1.99	-1.85/-1.56	-1.72/-2.03	1.050/-1	-2.32/-3.06	-3.19/-2.61	-3.01/-2.57	-1.7/-2.56	-4.28/-5.69	-4.64/-2.31	-1.17/-1.33	-1.67/-1.79	-0.82/-0.17	0.01/-0.12	-0.34/-0.41	-0.51/-0.28	0.10/3	0.2/-0.53	-2.14/-4.24	-5.73/-4.62
Θ (45°)	-2.3/-0.8	-1.61/-2.44	-2.06/-2.27	-3.02/-2.89	-3/-3.49	-3.29/-1.67	0.21/-09	2.330/8.5	-0.51/-2.01	-2.68/-2.68	-3.22/-3.47	-2.41/-2.76	-4.29/-4.97	-3.17/-1.25	-0.84/-1.48	-1.66/-1.96	-1.55/-0.74	-0.67/-1.32	-1.87/-1.5	-0.88/-0.57	-0.17/-0.52	-0.52/-1.38	-2.79/-3	-3.23/-2.92
Θ (52.5°)	-2.21/-0.83	-1.26/-2.06	-1.05/-1.47	-1.81/-2.29	-2.64/-3.95	-5.1/-3.59	-1.51/-0.44	0.730/3	-0.79/-1.5	-2.64/-3.8	-5.5/-5.28	-3.46/-3.75	-4.43/-2.46	-1.85/-1.59	-1.66/-1.74	-2.02/-								