

Regulatory WWAN Antenna Information

Platform information									
Brand	ODM	Platform model name	Platform type (ex: regular NB, convertible PC, AIO...etc)			*SAR minimum separation (mm)			
HP Inc.	Inventec	HSN-I70C	Regular NB			338.4			
Antenna information						Maximum Peak gain			
Vendor	Type	Antenna Part number (Ant5 TX/RX)	Antenna Part number (Ant6 RX)	Antenna Part number (Ant7 RX)	Antenna Part number (Ant8 TX/RX)	3600 MHz (Choice TX high peak gain)			
HB	PIFA	6036B0402101 (260-23861)	6036B0402801 (260-23863)	6036B0401901 (26023862)	6036B0402801 (260-23863)	2.91 dBi			
Module information									
Model	Form factor and suffixes (NGW/ HMW AND AN/ NB/ BN....)								
Balvenie	5G RMM-G4 WWAN 4x4 radio module								

Antenna vendor connect person	
Antenna Vendor	HONG-BO
contact person	Eric.Lee
E-mail	ericlee@hong-bo.com.tw
Tel/Mobile	0903257090
Web address	https://zh-tw.hongbo.com.tw/
Address	4F, No.143, Sinhu 1 st Rd., Neihu Dist, Taipei City 11494, Taiwan

Antenna Sample / Antenna Data Requirements for worldwide regulatory approval

Section	Description of Required OEM / ODM Antenna Information	US / IC	EU	Japan	Taiwan	S.Korea
1A	Part Number for Antenna Assembly	Required	Required	Required	Required	Required
1B	Antenna Manufacturer Name	Required	Required	Required	Required	Required
1C	Description of Antenna Type	Required	N/A	N/A	N/A	N/A
1D	Tx antenna Gain (Peak Gain W/ cable loss) *	Required	Required	Required	Required	Required
2	Dimensioned Photographs and Drawings of Tx and Rx antennas	Required	Required	Required	Required	Required
3	Radiation patterns of antennas loaded in the host platform.	N/A	Required	Required	Required	N/A
4	Platform model name / number - correlated to antenna manufacturer and antenna part number	Required	Required	Desired	Required	Desired
5	Photograph(s) or Drawings showing location of antennas in platform. (S. Korea requires photographs of antennas for approval submission). Taiwan requires pictures of each antenna type shown in the system.	Required	Required	Desired	<u>Required (Photos)</u>	<u>Required (Photos)</u>
6	Mech. drawings / photos with dimensions of antenna locations and distance from end-user (For evaluation of SAR testing requirement).	Required	N/A	N/A	N/A	N/A
7	Photograph(s) or Drawings showing the location of all antennas (WLAN, other) and distance between those transmitting antennas. Information will be used to evaluate whether co-location testing is required.	Required	N/A	N/A	N/A	N/A
8	Local representative contact information for LMA/ PARS process.	Required	N/A	N/A	N/A	N/A

b. Equipment list

Test location: 1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road Neihu District, Taipei City 11493, Taiwan

Testing date: 2026/05/04

Equipment Description	Manufacturer	Identification no.	Current calibration date	Next calibration date
Network analyzer	Agilent	E5071C	2026/01/07	2027/01/06
Measurement software	ETS-Lindgren	EMQuest	N/A	N/A
Multi axis positioning system(MAPSTM)	ETS-Lindgren	EMCO 2115	N/A	N/A
Multi axis positioning system(MAPSTM)	ETS-Lindgren	EMCO 2110	N/A	N/A
MAPSTM controller	ETS-Lindgren	EMCO 2090	N/A	N/A
Horn antenna	ETS-Lindgren	3164-10	2026/03/03	2027/03/03
ETS OTA Chamber	ETS-Lindgren	AMS-8500	2026/03/03	2027/03/03
Cable	ETS-Lindgren	RFC SMS-100-NMR Series	N/A	N/A

Antenna Information

Section 1. Antenna Assembly Specifications

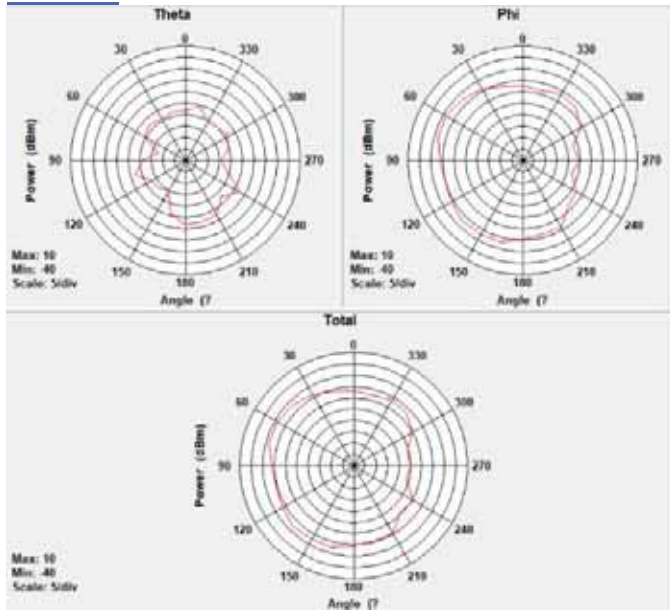
Communication System	Band	Frequency(MHz) from low to high spectrum		1A Part Number for Antenna Assembly	1B Antenna Manufacturer Name	1C Description of Antenna Type	1D Tx Antenna Gain (dBi) Ant5
WCDMA/ LTE	1	1920	1980	Ant5 : 6036B0402101 (260-23861)	HB	PIFA	0.71
WCDMA/ LTE	2	1850	1910				0.43
LTE	3	1710	1785				1.39
WCDMA/ LTE	4	1710	1755				1.39
WCDMA/ LTE	5	824	849				-0.52
LTE	7	2500	2570				2.38
WCDMA/ LTE	8	880	915				0.94
LTE	12	699	716				0.11
LTE	13	777	787				0.65
LTE	14	788	798				-0.16
LTE	17	704	716				0.11
LTE	18	815	830				-1.19
LTE	19	830	845				-0.65
LTE	20	832	862				-0.39
LTE	25	1850	1915				0.19
LTE	26	814	849				-0.52
LTE	28	703	748				0.21
LTE	30	2305	2315				0.98
LTE	34	2010	2025				0.89
LTE	38	2570	2620				2.38
LTE	39	1880	1920				0.29
LTE	40	2300	2400				2.91
LTE	41	2496	2690				-1.27
LTE	42	3400	3600				2.91
LTE	43	3600	3800				2.85
LTE	48	3550	3700				-1.16
LTE	66	1710	1780				1.39
LTE	71	663	698				0.33
5G NR FR1	1	1920	1980				0.71
5G NR FR1	2	1850	1910				0.43
5G NR FR1	3	1710	1785				1.39
5G NR FR1	5	824	849				-0.52
5G NR FR1	7	2500	2570				2.38
5G NR FR1	8	880	914				0.94
5G NR FR1	12	699	716				0.11
5G NR FR1	13	777	787				0.65
5G NR FR1	14	788	798				-0.16
5G NR FR1	20	832	862				-0.39
5G NR FR1	25	1850	1915				0.19
5G NR FR1	26	814	849				-0.52
5G NR FR1	28	703	748				0.21

5G NR FR1	30	2305	2315				0.98
5G NR FR1	38	2570	2620				2.38
5G NR FR1	40	2300	2400				2.91
5G NR FR1	41	2496	2690				-1.27
5G NR FR1	48	3550	3700				-1.16
5G NR FR1	66	1710	1780				1.39
5G NR FR1	71	663	698				0.33
5G NR FR1	77	3300	4200				2.91
5G NR FR1	78	3300	3800				2.91
5G NR FR1	79	4400	5000				2.1

Communication System	Band	Frequency(MHz) from low to high spectrum		1A Part Number for Antenna Assembly	1B Antenna Manufacturer Name	1C Description of Antenna Type	1D Tx Antenna Gain (dBi) Ant5
LTE	1	1920	1980	Ant8 : 6036B0402801 (260-23863)	HB	PIFA	-0.26
LTE	2	1850	1910				-0.08
LTE	3	1710	1785				2.46
LTE	4	1710	1755				1.14
LTE	7	2500	2570				1.45
LTE	25	1850	1915				-0.80
LTE	30	2305	2315				0.98
LTE	34	2010	2025				0.58
LTE	38	2570	2620				1.13
LTE	39	1880	1920				-0.48
LTE	40	2300	2400				2.05
LTE	41	2496	2690				-1.25
LTE	42	3400	3600				0.64
LTE	43	3600	3800				1.20
LTE	48	3550	3700				-1.10
LTE	66	1710	1780				-1.90
5G NR FR1	1	1920	1980				-0.26
5G NR FR1	2	1850	1910				-0.08
5G NR FR1	3	1710	1785				2.46
5G NR FR1	7	2500	2570				1.45
5G NR FR1	25	1850	1915				-0.80
5G NR FR1	30	2305	2315				0.98
5G NR FR1	38	2570	2620				1.13
5G NR FR1	40	2300	2400				2.05
5G NR FR1	41	2496	2690				-1.25
5G NR FR1	48	3550	3700				-1.10
5G NR FR1	66	1710	1780				-1.90
5G NR FR1	77	3300	4200				1.20
5G NR FR1	78	3300	3800				1.20
5G NR FR1	79	4400	5000				1.14

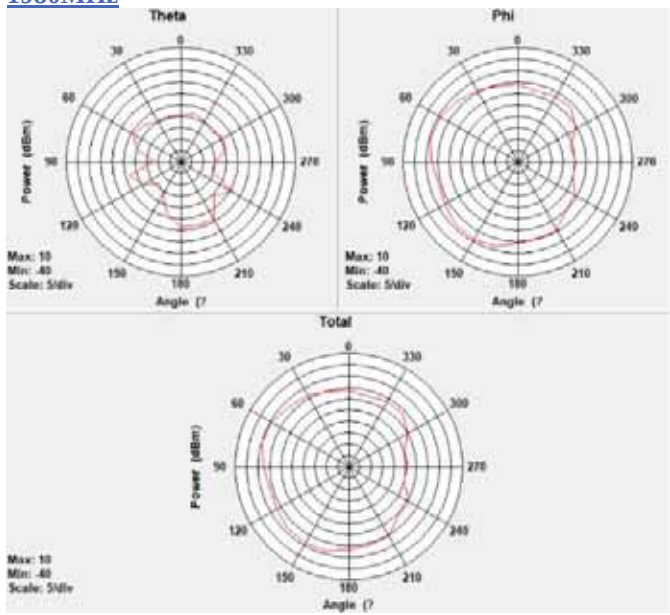
- The listed frequency 2D radiation pattern is required

● Ant5:
1920MHz

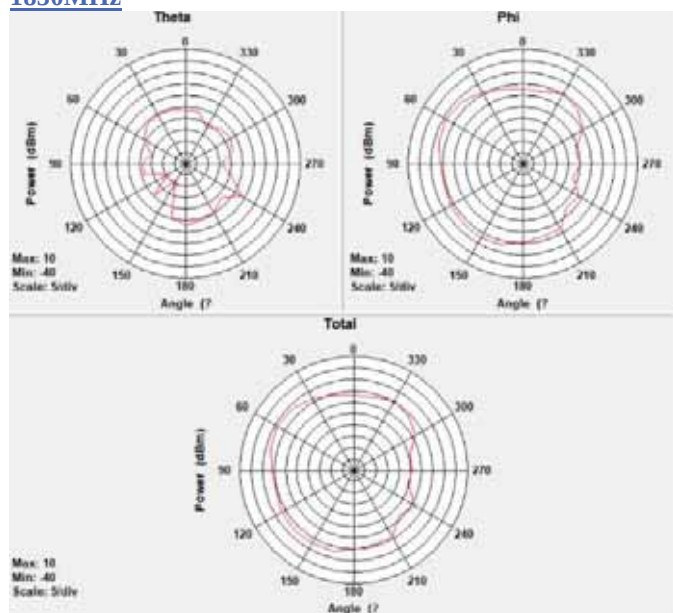


Center Frequency	1920MHz
Horizontal (dBi) peak	-12.41
Vertical (dBi) peak	-1.72

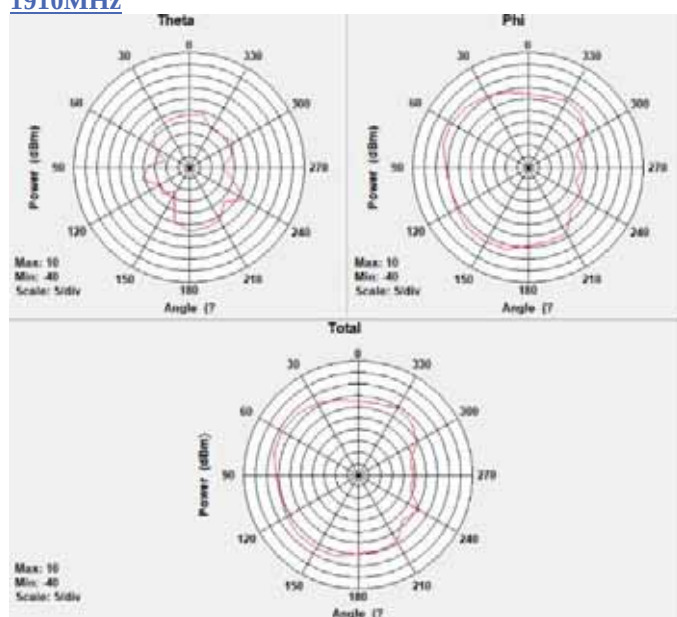
1980MHz



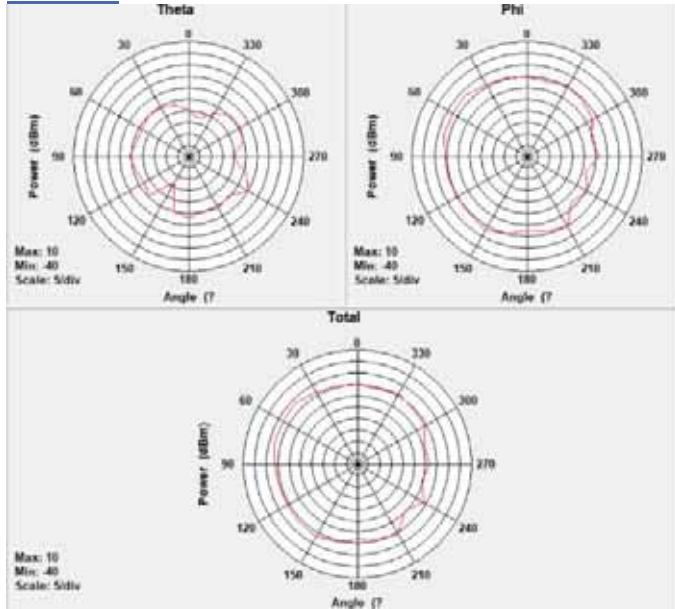
Center Frequency	1980MHz
Horizontal (dBi) peak	-11.67
Vertical (dBi) peak	-0.79

1850MHz

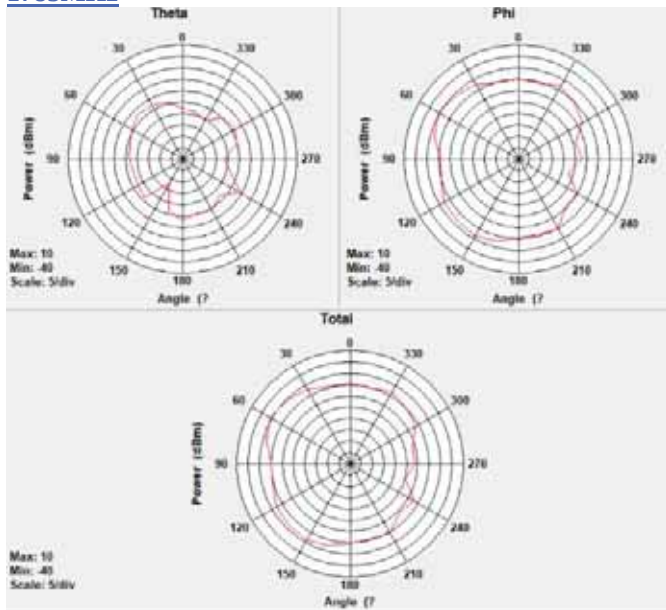
Center Frequency	1850MHz
Horizontal (dBi) peak	-11.79
Vertical (dBi) peak	-1.68

1910MHz

Center Frequency	1910MHz
Horizontal (dBi) peak	-12.49
Vertical (dBi) peak	-1.88

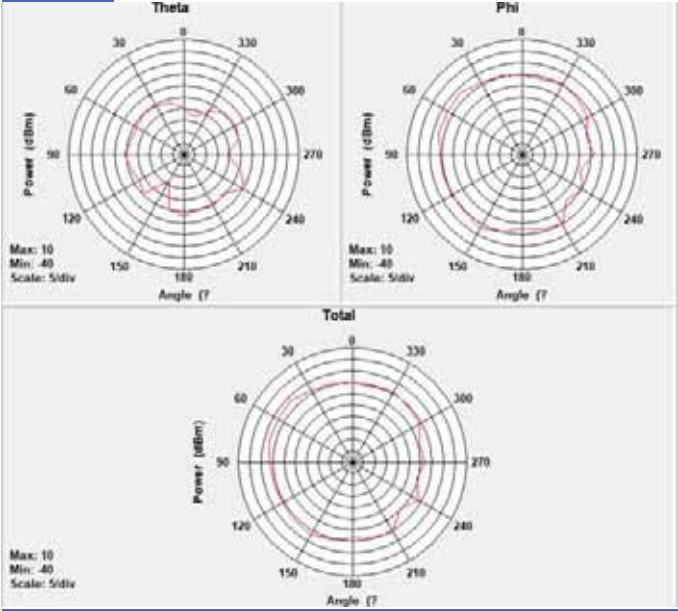
1710MHz

Center Frequency	1710MHz
Horizontal (dBi) peak	-10.43
Vertical (dBi) peak	-2.52

1785MHz

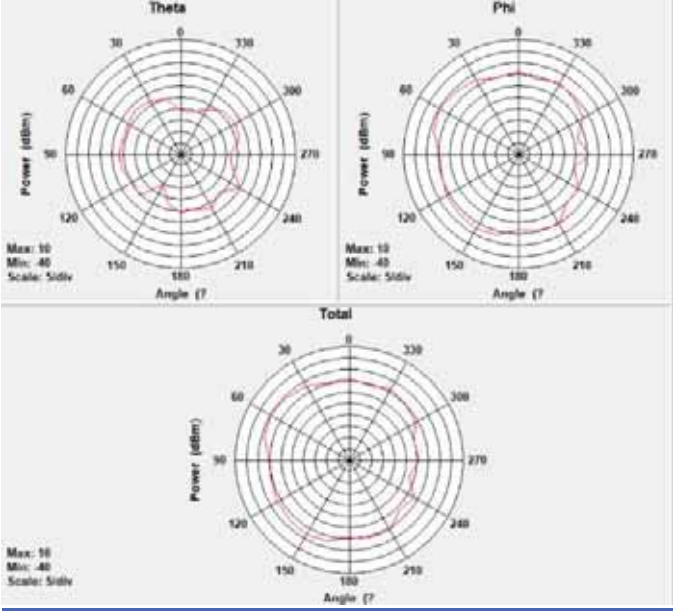
Center Frequency	1785MHz
Horizontal (dBi) peak	-11.03
Vertical (dBi) peak	0.17

1710MHz

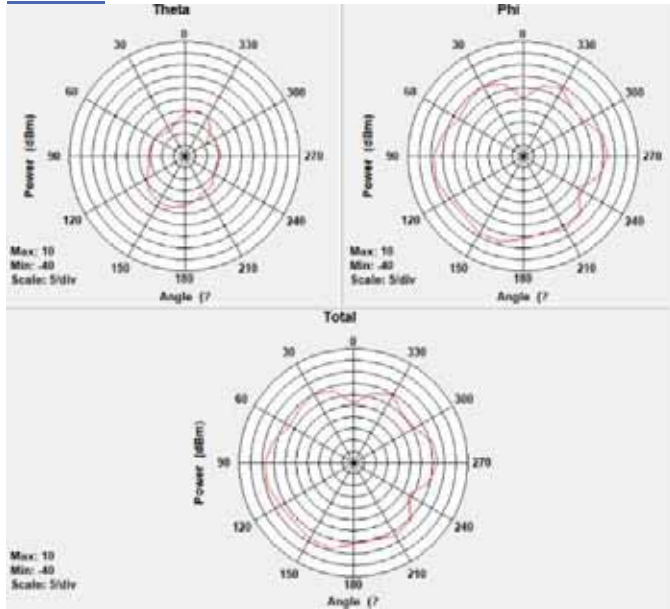


Center Frequency	1710MHz
Horizontal (dBi) peak	-10.43
Vertical (dBi) peak	-2.52

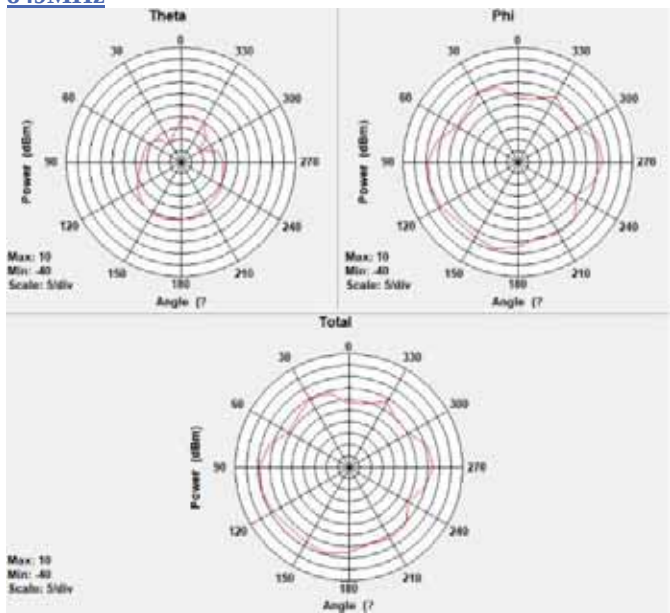
1755MHz



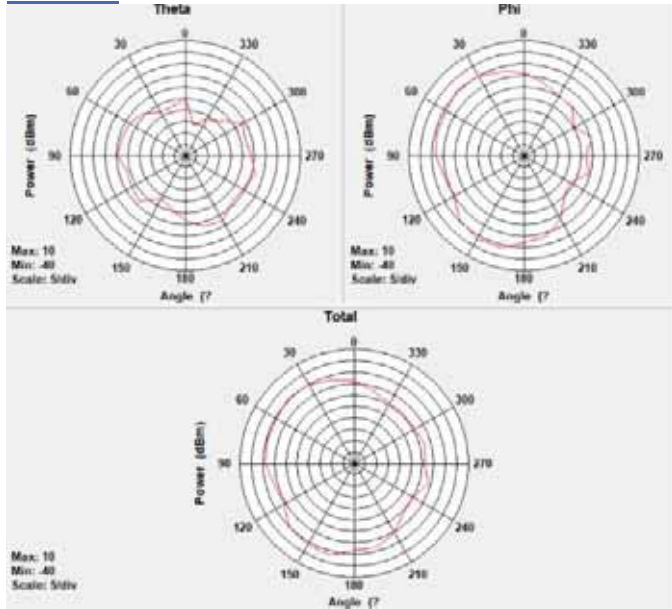
Center Frequency	1755MHz
Horizontal (dBi) peak	-10.78
Vertical (dBi) peak	-0.02

824MHz

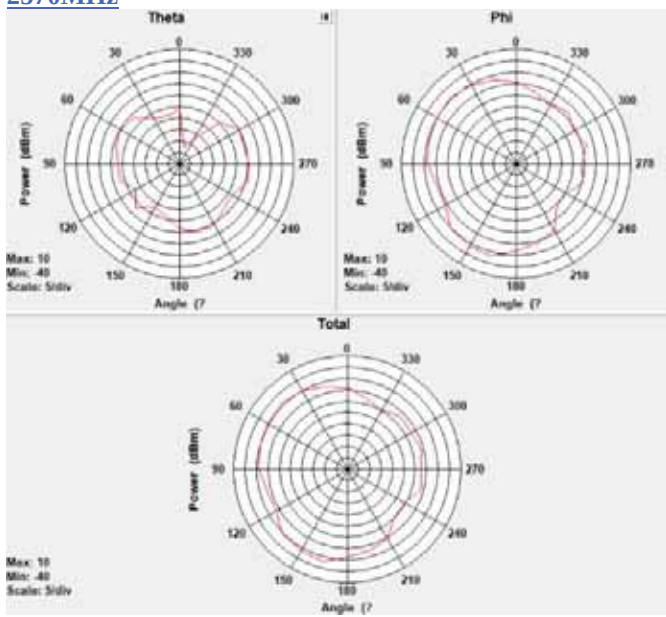
Center Frequency	824MHz
Horizontal (dBi) peak	-17.21
Vertical (dBi) peak	-1.55

849MHz

Center Frequency	849MHz
Horizontal (dBi) peak	-14.56
Vertical (dBi) peak	-0.56

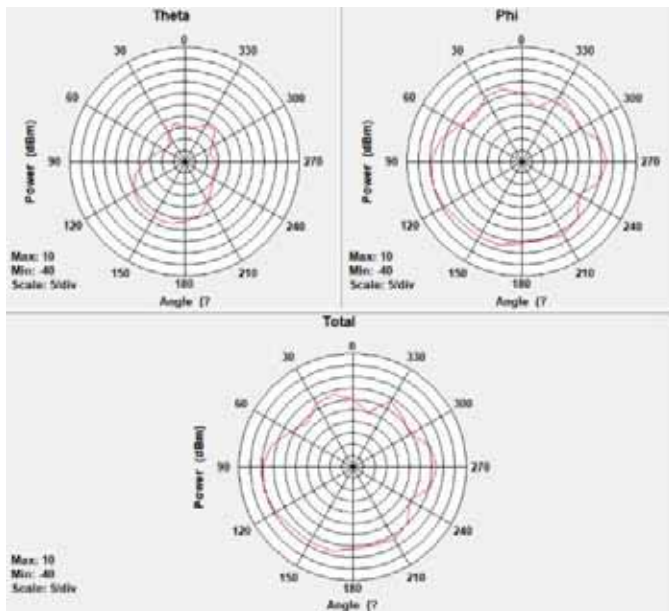
2500MHz

Center Frequency	2500MHz
Horizontal (dBi) peak	-7.74
Vertical (dBi) peak	1.20

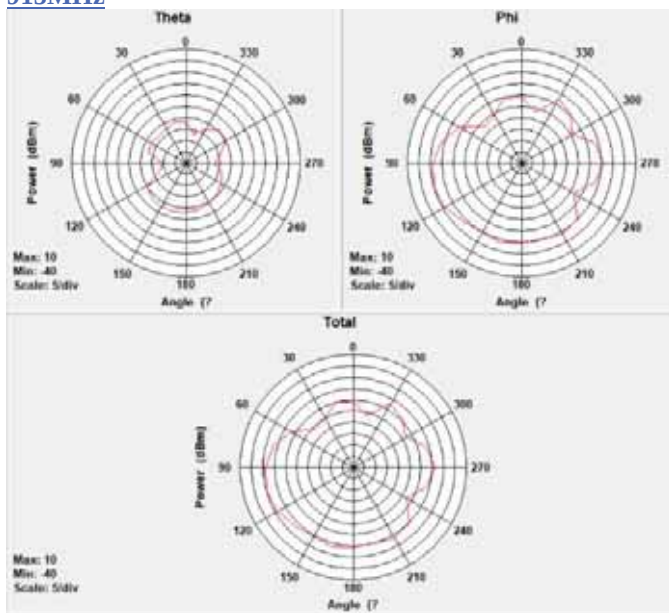
2570MHz

Center Frequency	2570MHz
Horizontal (dBi) peak	-9.16
Vertical (dBi) peak	1.59

880MHz

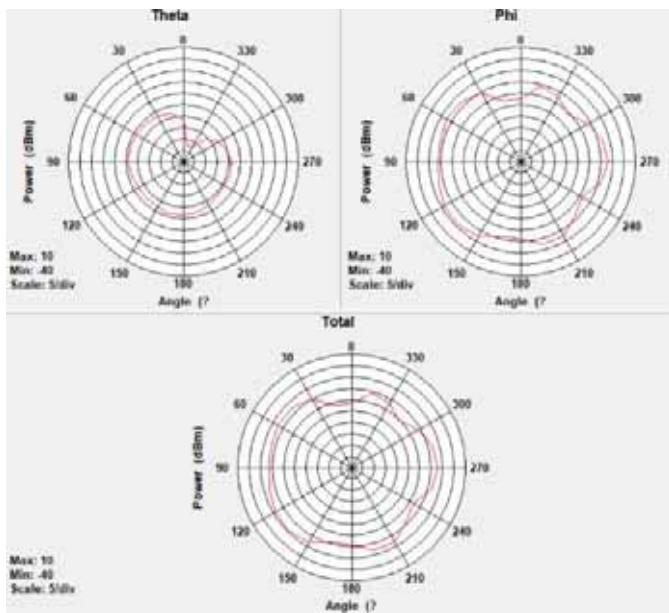


Center Frequency	880MHz
Horizontal (dBi) peak	-12.61
Vertical (dBi) peak	-0.27

915MHz

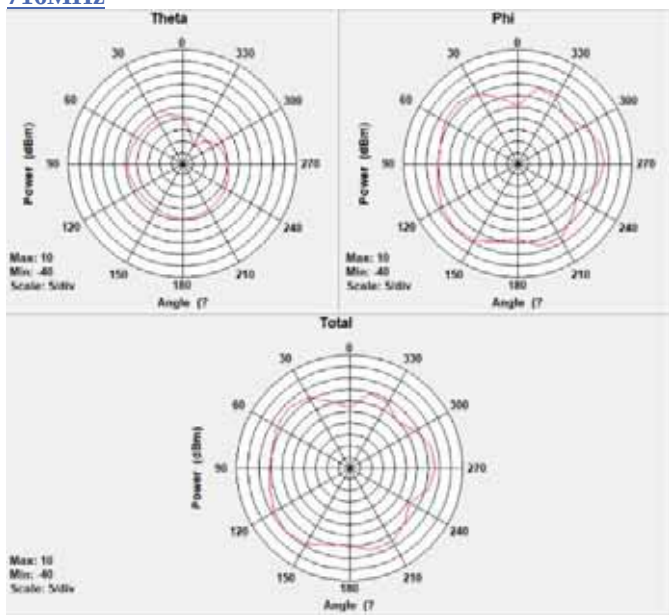
Center Frequency	915MHz
Horizontal (dBi) peak	-18.02
Vertical (dBi) peak	-0.69

699MHz



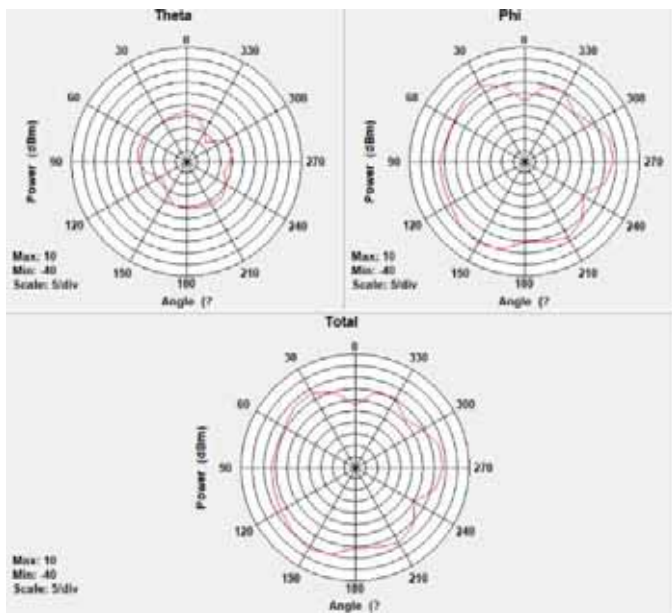
Center Frequency	699MHz
Horizontal (dBi) peak	-16.32
Vertical (dBi) peak	-1.25

716MHz

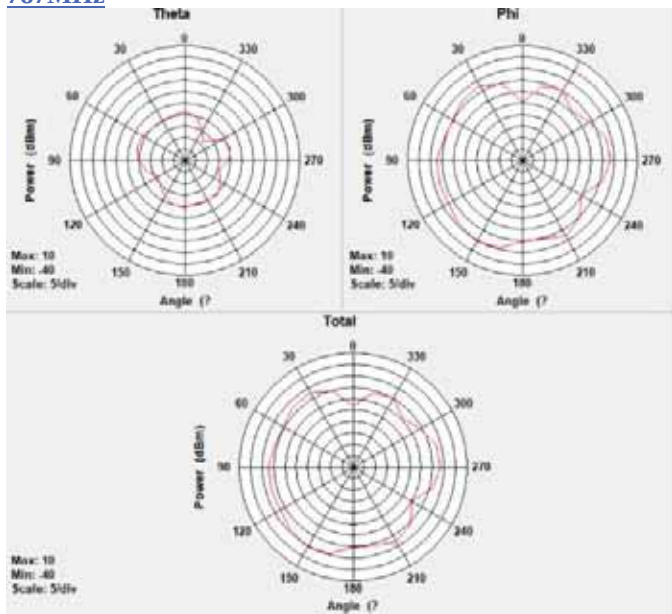


Center Frequency	716MHz
Horizontal (dBi) peak	-16.05
Vertical (dBi) peak	-0.72

777MHz

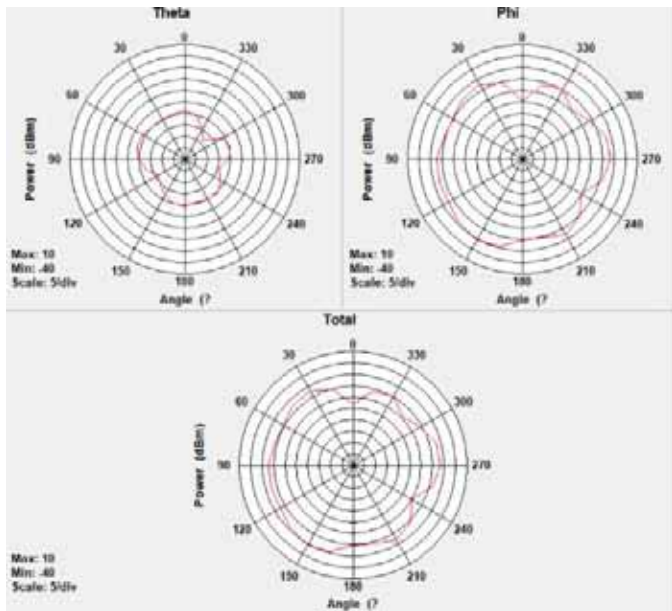


Center Frequency	777MHz
Horizontal (dBi) peak	-17.93
Vertical (dBi) peak	0.60

787MHz

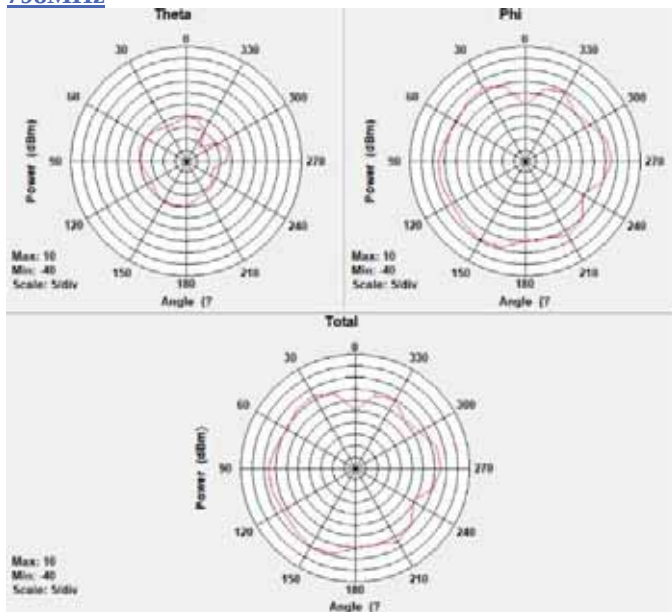
Center Frequency	787MHz
Horizontal (dBi) peak	-18.78
Vertical (dBi) peak	0.08

788MHz



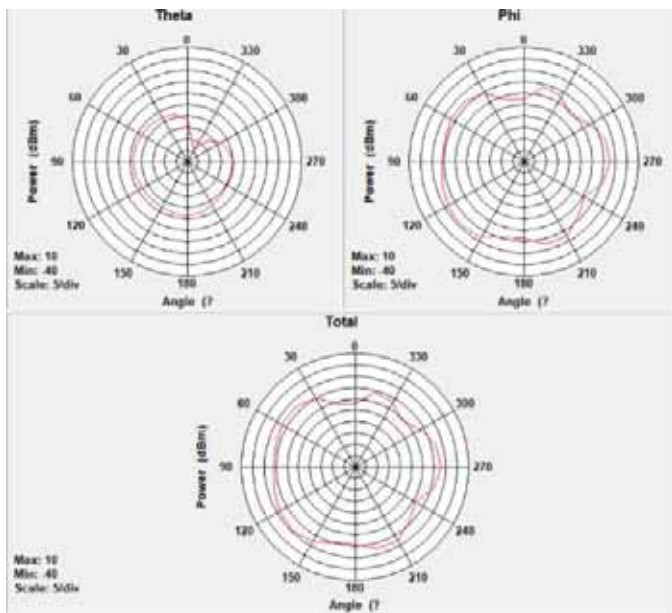
Center Frequency	788MHz
Horizontal (dBi) peak	-18.78
Vertical (dBi) peak	0.08

798MHz



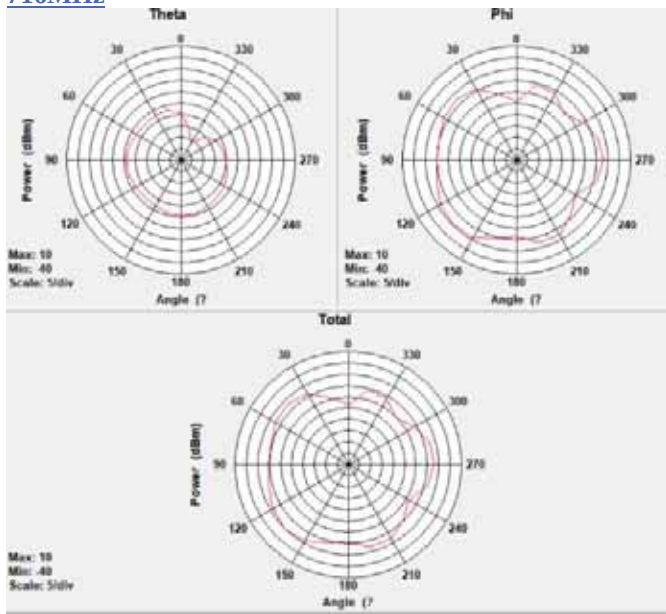
Center Frequency	798MHz
Horizontal (dBi) peak	-19.37
Vertical (dBi) peak	-0.82

704MHz



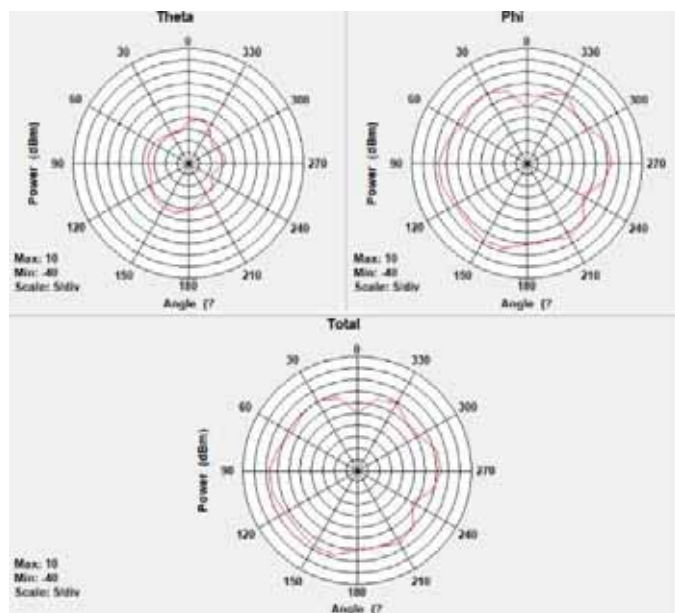
Center Frequency	704MHz
Horizontal (dBi) peak	-16.65
Vertical (dBi) peak	-1.25

716MHz



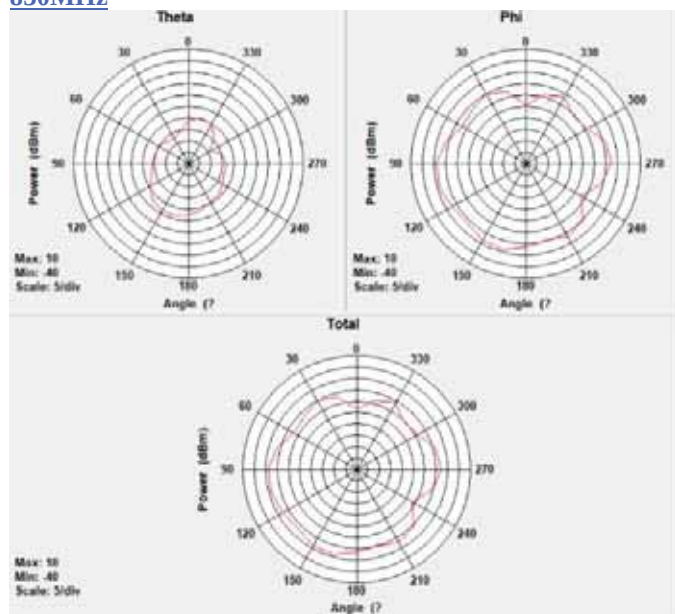
Center Frequency	716MHz
Horizontal (dBi) peak	-16.05
Vertical (dBi) peak	-0.72

815MHz



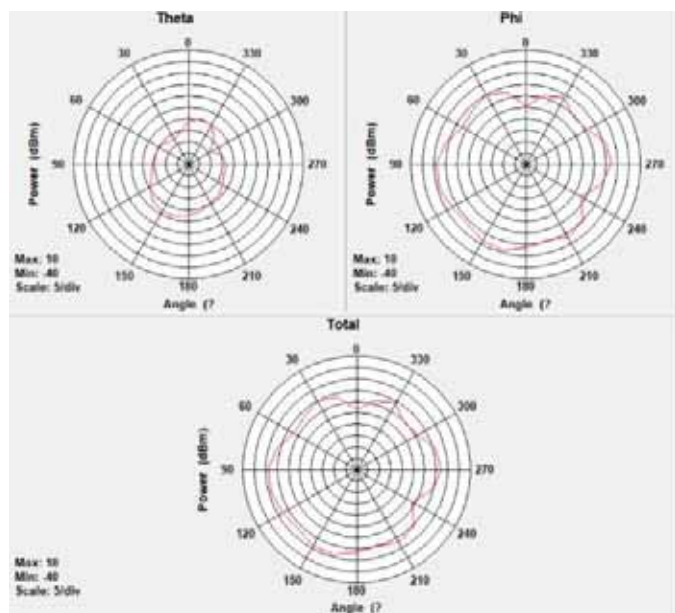
Center Frequency	815MHz
Horizontal (dBi) peak	-18.01
Vertical (dBi) peak	-1.92

830MHz



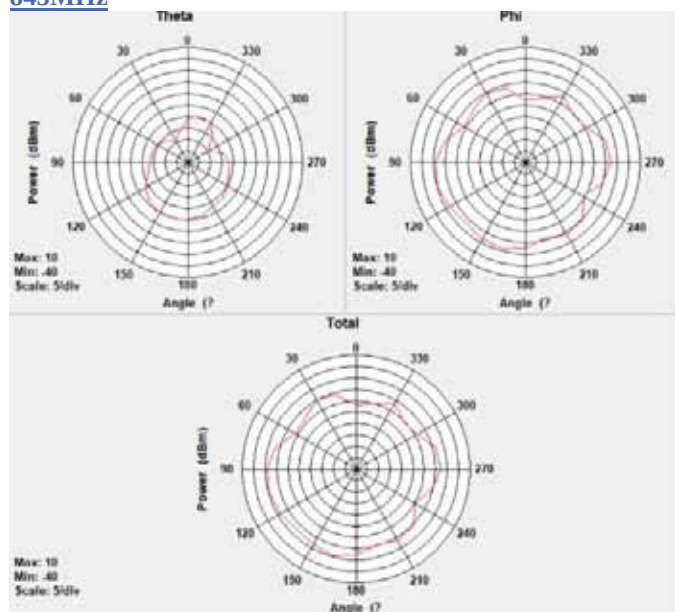
Center Frequency	830MHz
Horizontal (dBi) peak	-16.74
Vertical (dBi) peak	-1.31

830MHz



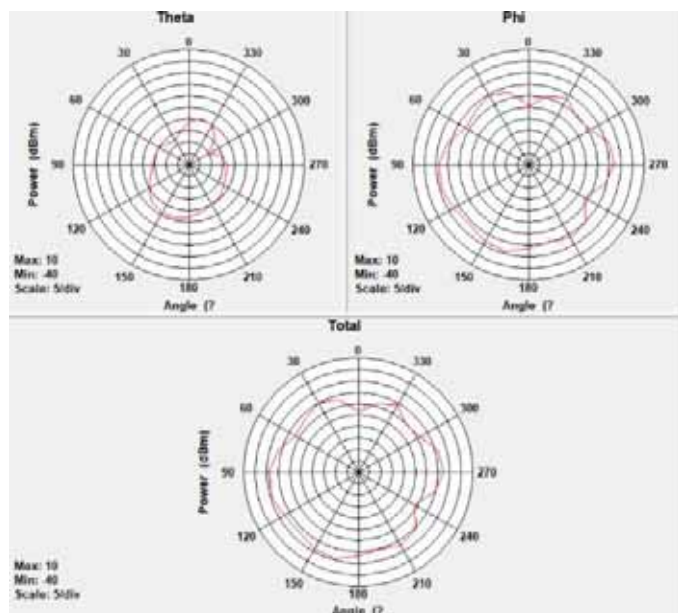
Center Frequency	830MHz
Horizontal (dBi) peak	-16.74
Vertical (dBi) peak	-1.31

845MHz



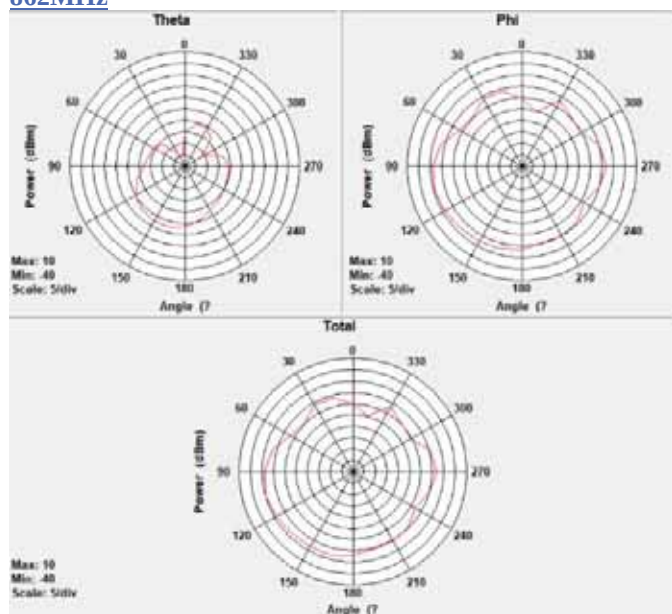
Center Frequency	845MHz
Horizontal (dBi) peak	-15.26
Vertical (dBi) peak	-0.68

832MHz



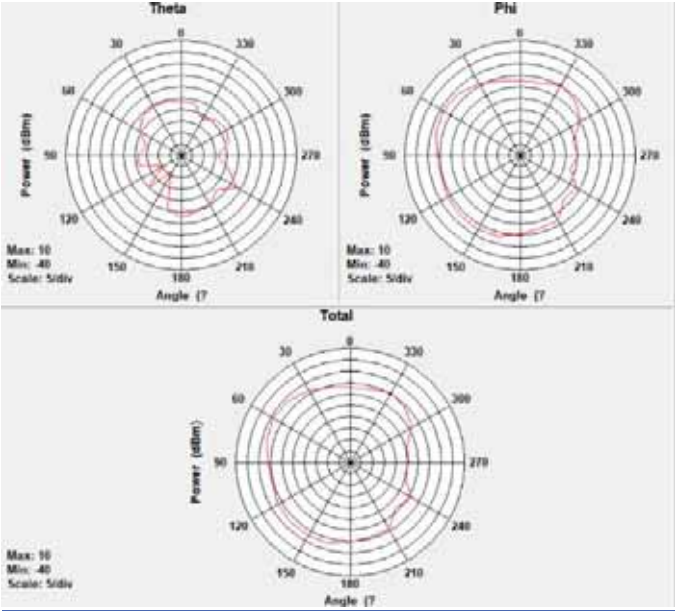
Center Frequency	832MHz
Horizontal (dBi) peak	-16.48
Vertical (dBi) peak	-1.18

862MHz



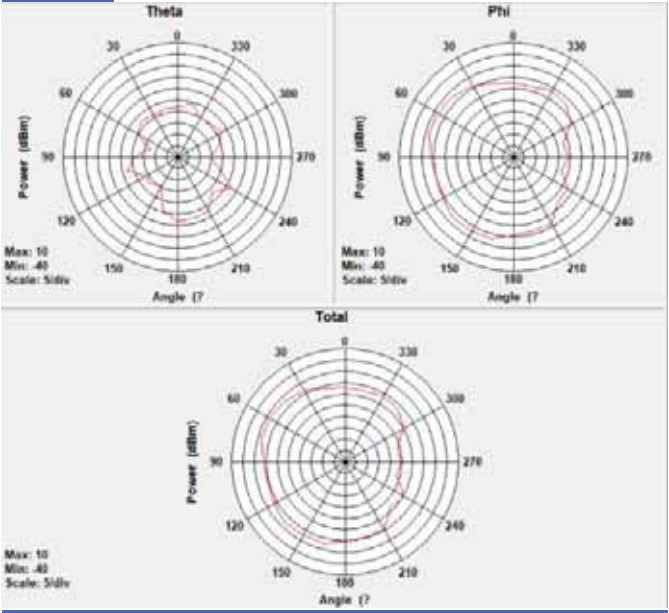
Center Frequency	862MHz
Horizontal (dBi) peak	--12.73
Vertical (dBi) peak	-0.83

1850MHz



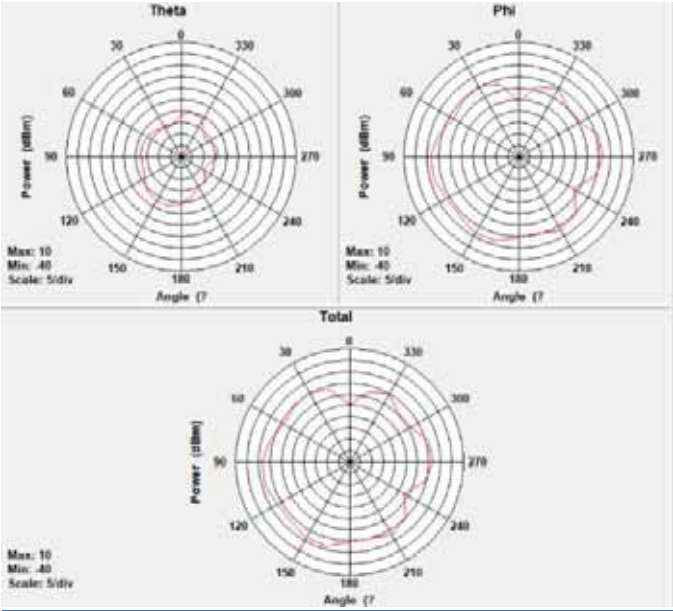
Center Frequency	1850MHz
Horizontal (dBi) peak	-11.79
Vertical (dBi) peak	-1.68

1915MHz



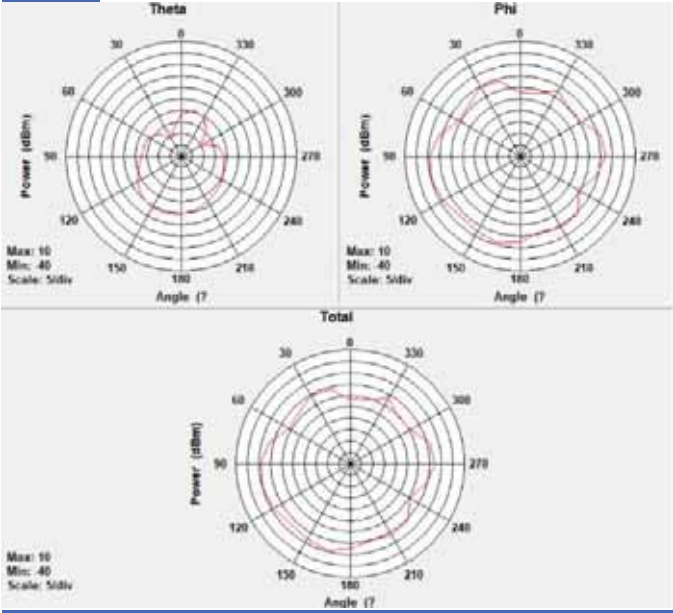
Center Frequency	1915MHz
Horizontal (dBi) peak	-12.32
Vertical (dBi) peak	-1.82

814MHz



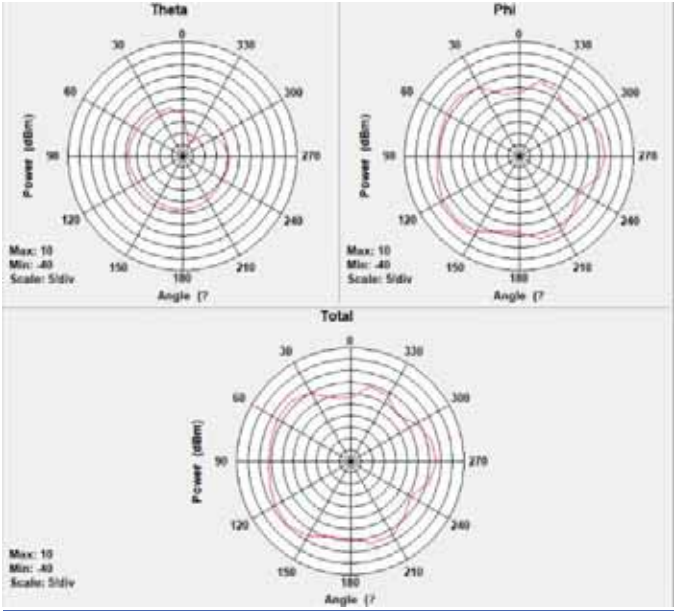
Center Frequency	814MHz
Horizontal (dBi) peak	-18.02
Vertical (dBi) peak	-1.92

849MHz



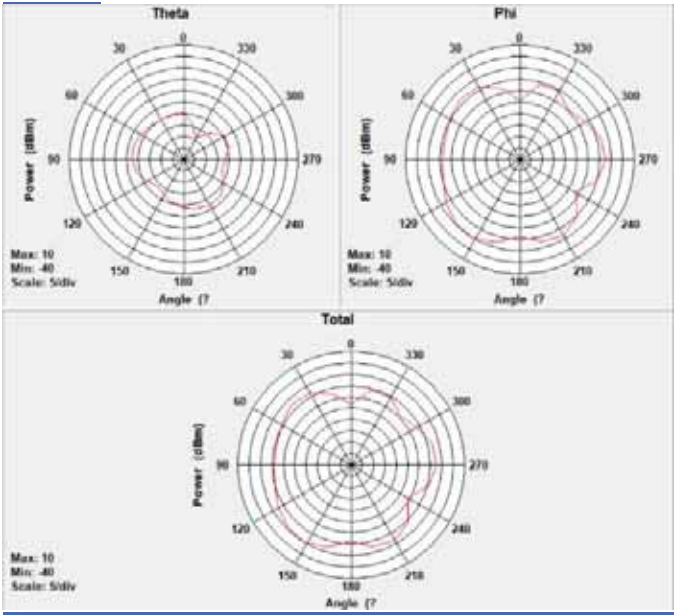
Center Frequency	849MHz
Horizontal (dBi) peak	-14.56
Vertical (dBi) peak	-0.56

703MHz



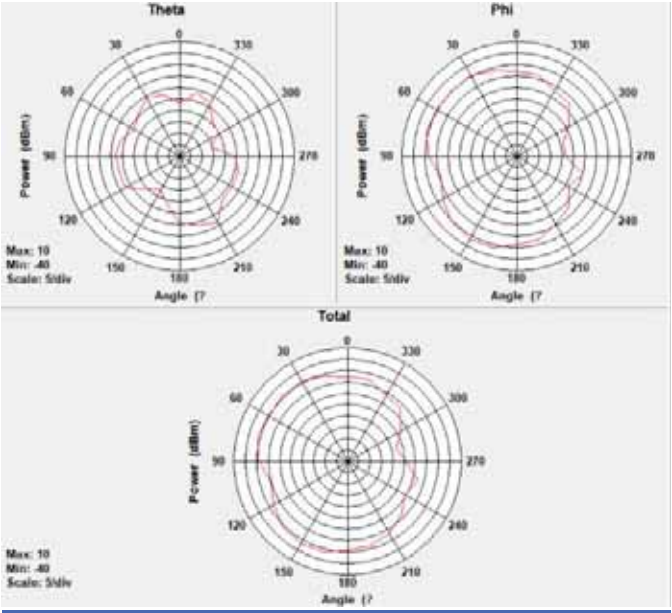
Center Frequency	703MHz
Horizontal (dBi) peak	-16.65
Vertical (dBi) peak	-1.26

748MHz



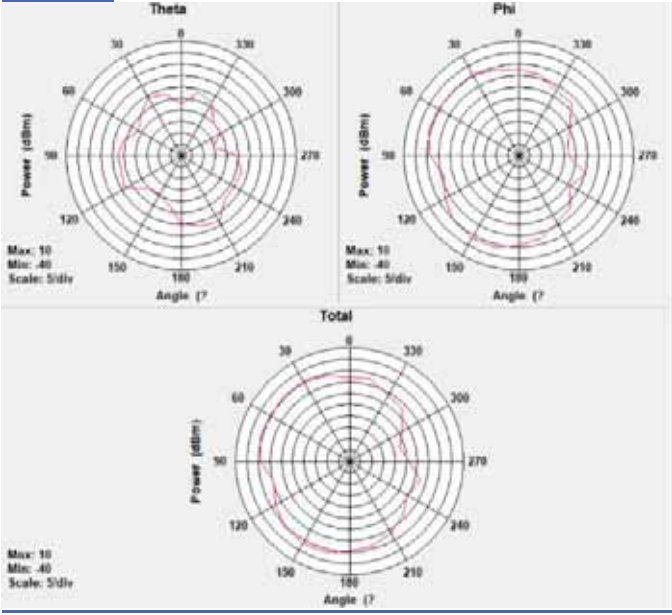
Center Frequency	748MHz
Horizontal (dBi) peak	-17.16
Vertical (dBi) peak	-0.38

2305MHz



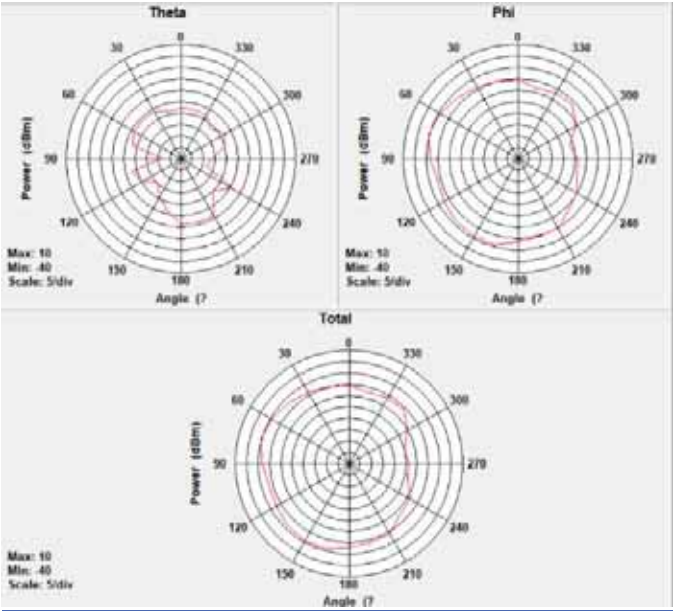
Center Frequency	2305MHz
Horizontal (dBi) peak	-7.06
Vertical (dBi) peak	1.15

2315MHz



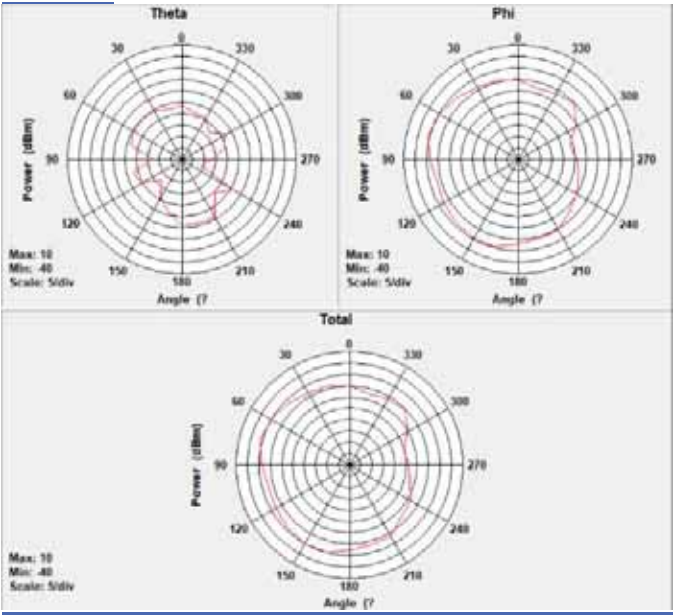
Center Frequency	2315MHz
Horizontal (dBi) peak	-7.00
Vertical (dBi) peak	1.01

2010Hz



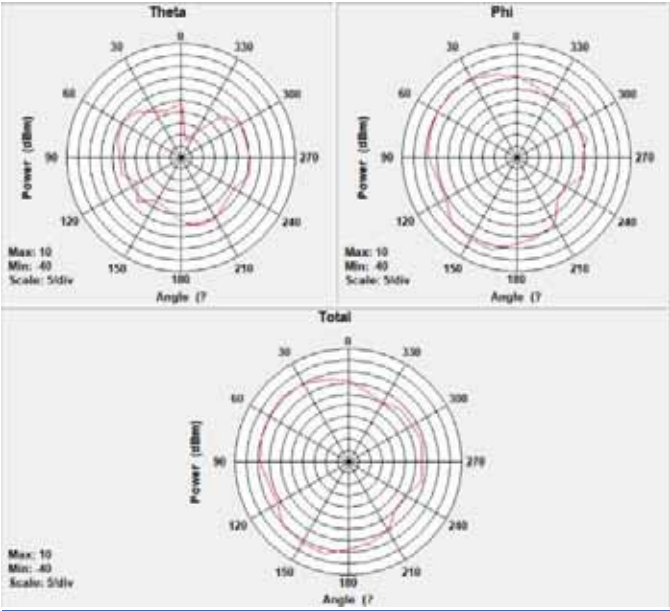
Center Frequency	2010MHz
Horizontal (dBi) peak	-11.47
Vertical (dBi) peak	-0.22

2025MHz



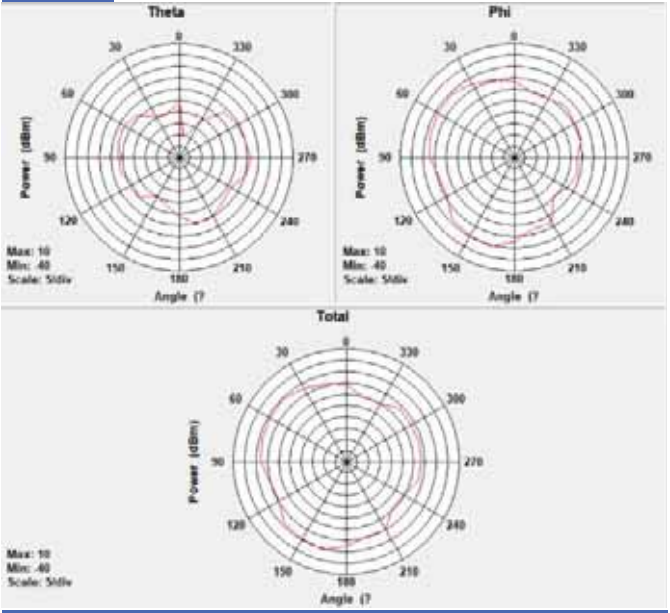
Center Frequency	2025MHz
Horizontal (dBi) peak	-11.28
Vertical (dBi) peak	0.28

2570MHz



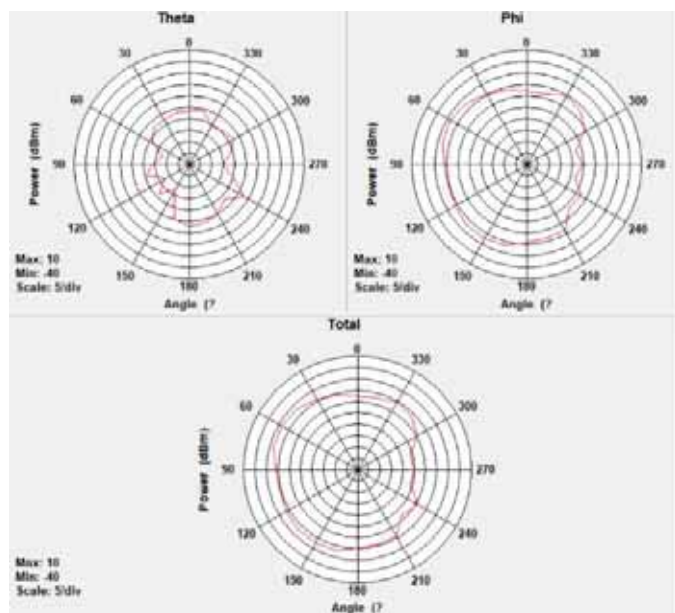
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.16
Vertical (dBi) peak	1.59

2620MHz



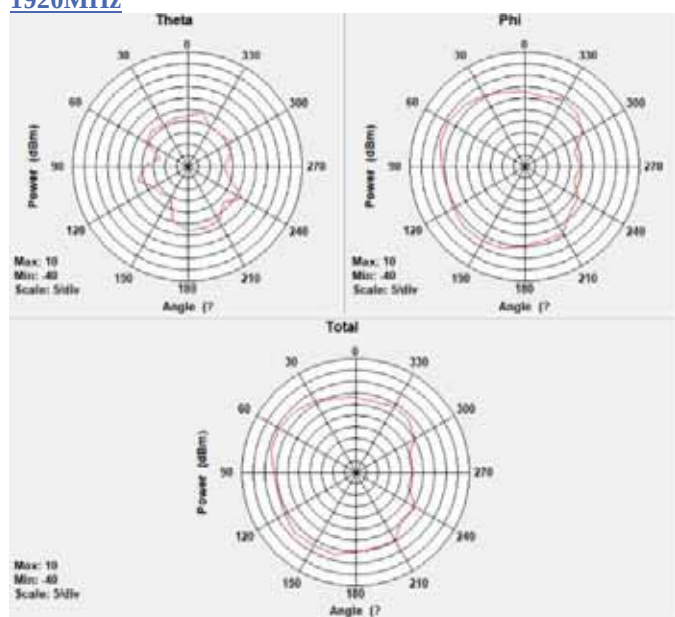
Center Frequency	2620MHz
Horizontal (dBi) peak	-8.68
Vertical (dBi) peak	0.09

1880MHz



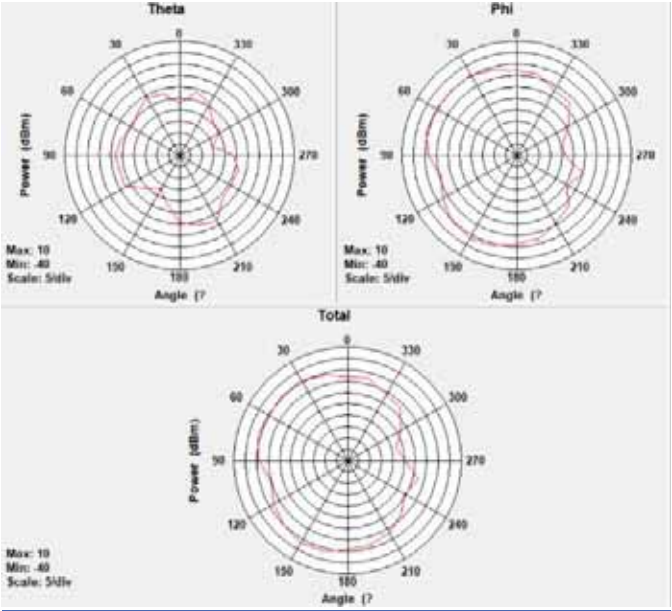
Center Frequency	1880MHz
Horizontal (dBi) peak	-12.32
Vertical (dBi) peak	-1.97

1920MHz



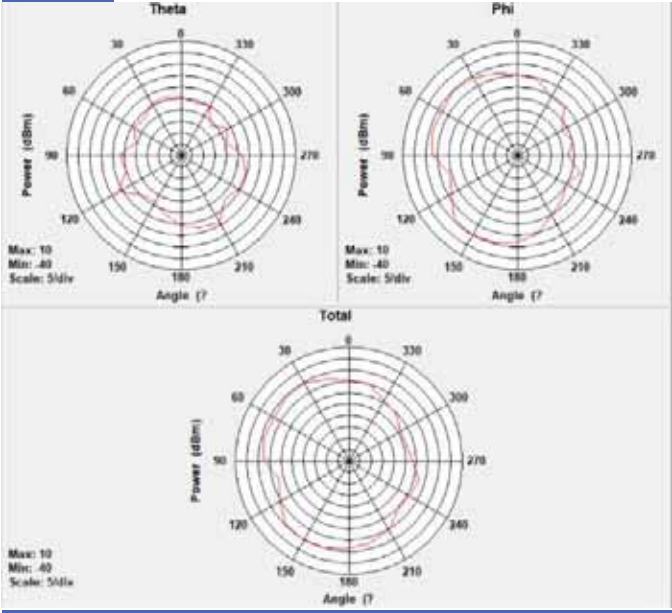
Center Frequency	1920MHz
Horizontal (dBi) peak	-12.41
Vertical (dBi) peak	-1.72

2300MHz



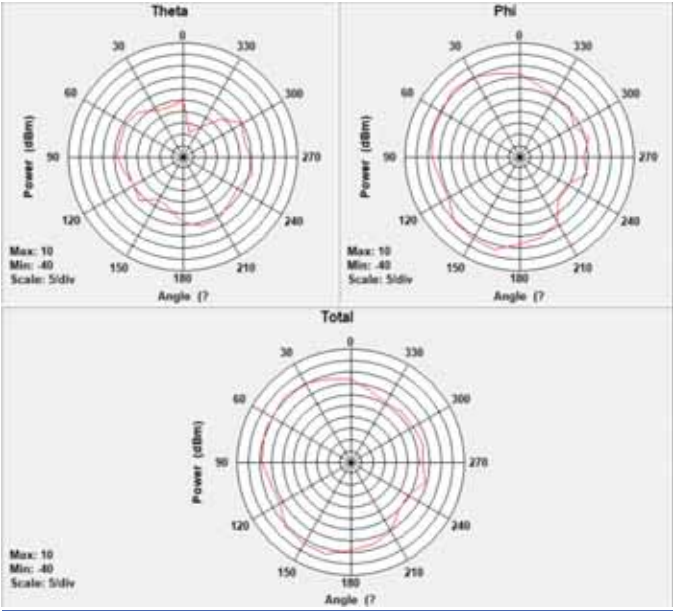
Center Frequency	2300MHz
Horizontal (dBi) peak	-7.14
Vertical (dBi) peak	1.18

2400MHz



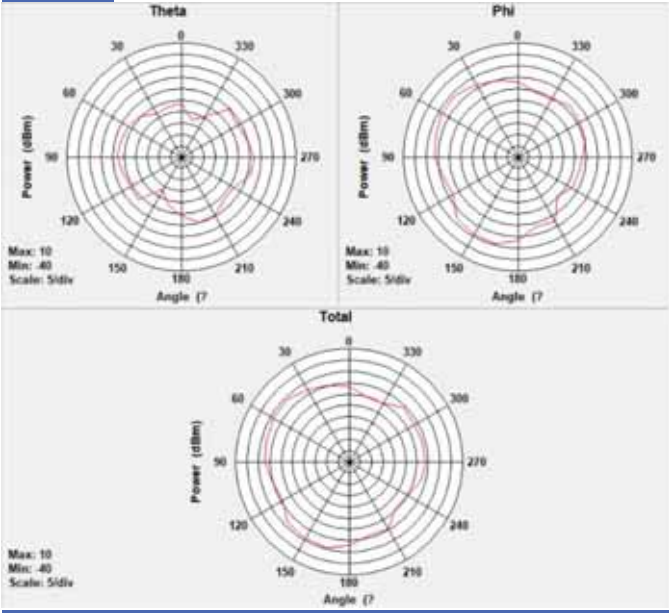
Center Frequency	2400MHz
Horizontal (dBi) peak	-6.85
Vertical (dBi) peak	-0.25

2496MHz



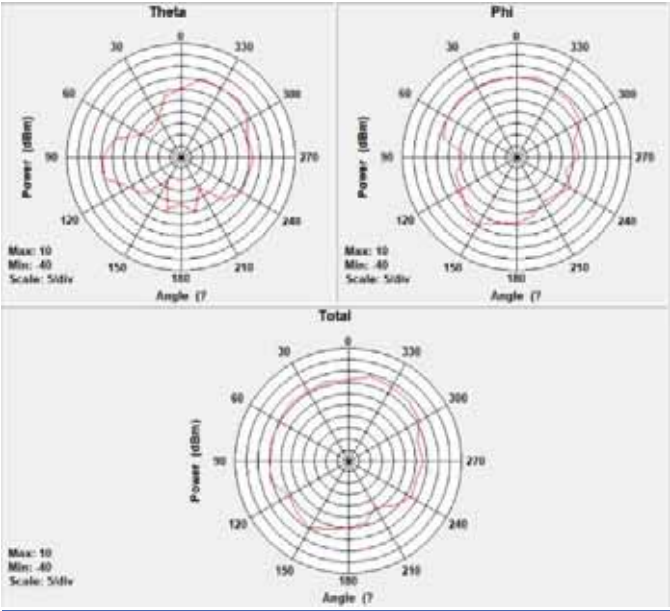
Center Frequency	2496MHz
Horizontal (dBi) peak	-7.50
Vertical (dBi) peak	1.08

2690MHz



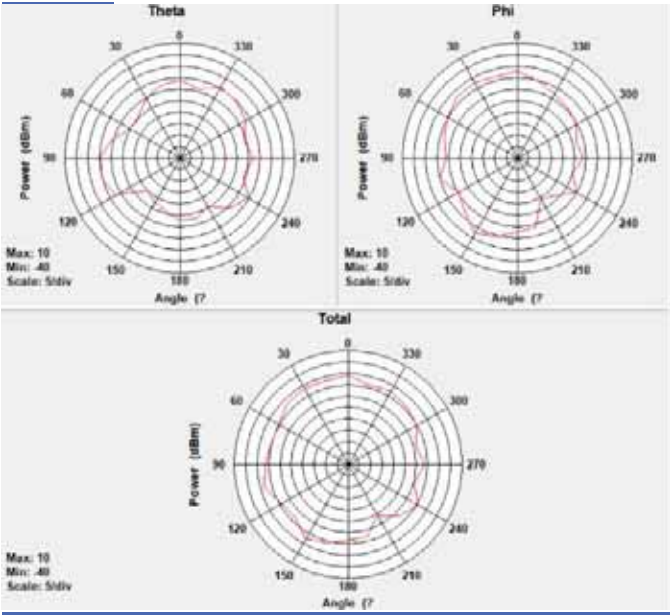
Center Frequency	2690MHz
Horizontal (dBi) peak	-7.88
Vertical (dBi) peak	-1.47

3400MHz



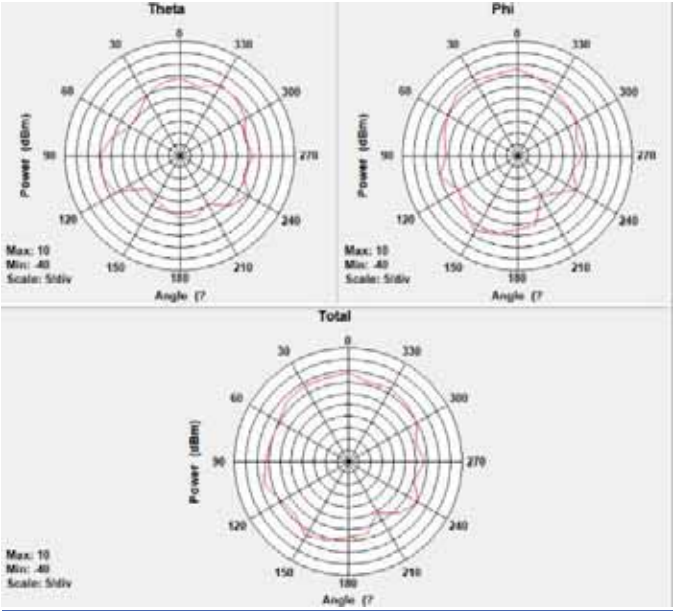
Center Frequency	3400MHz
Horizontal (dBi) peak	-4.33
Vertical (dBi) peak	-4.16

3600MHz



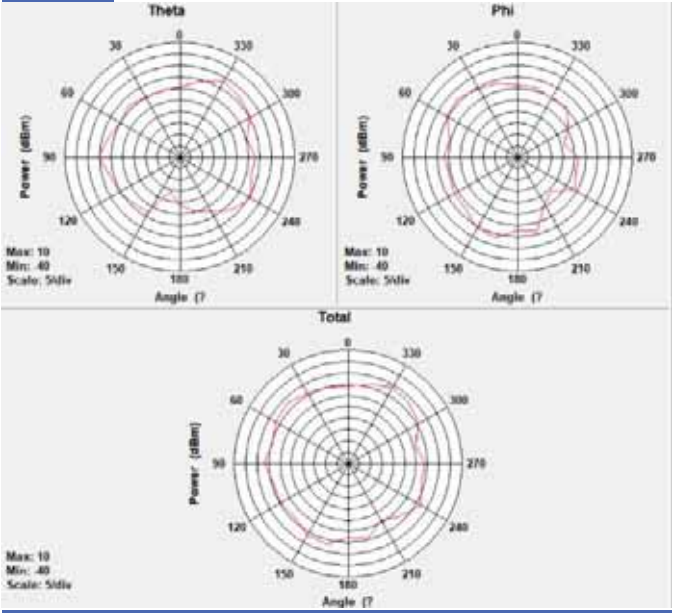
Center Frequency	3600MHz
Horizontal (dBi) peak	-4.71
Vertical (dBi) peak	-2.57

3600MHz



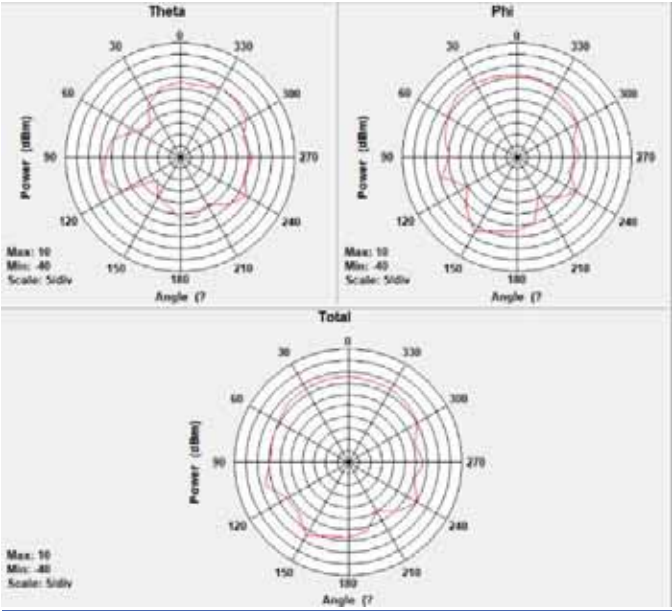
Center Frequency	3600MHz
Horizontal (dBi) peak	-4.71
Vertical (dBi) peak	-2.57

3800MHz



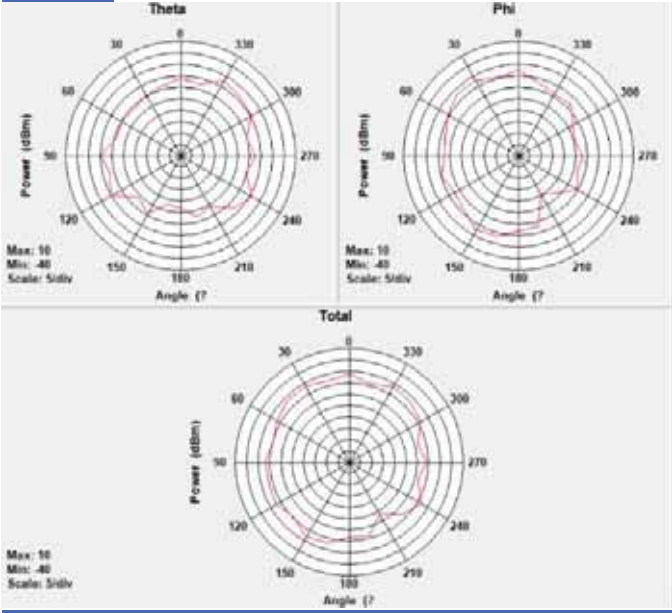
Center Frequency	3800MHz
Horizontal (dBi) peak	-2.02
Vertical (dBi) peak	-3.60

3550MHz



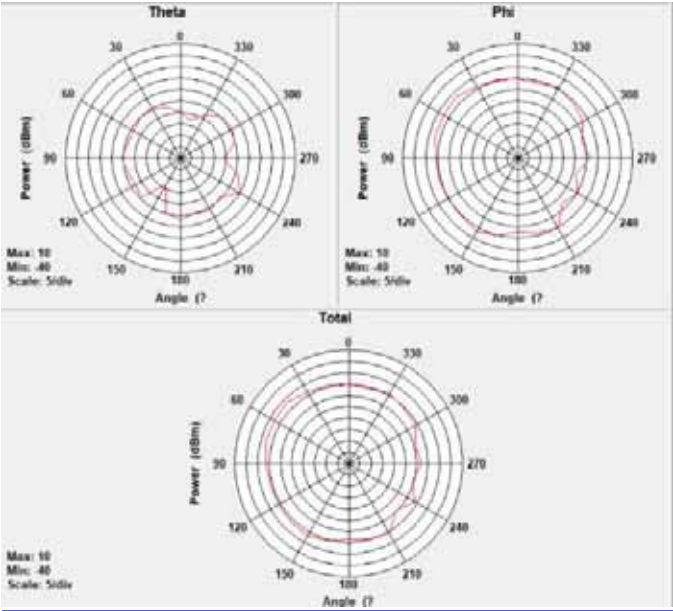
Center Frequency	3550MHz
Horizontal (dBi) peak	-5.30
Vertical (dBi) peak	-3.02

3700MHz



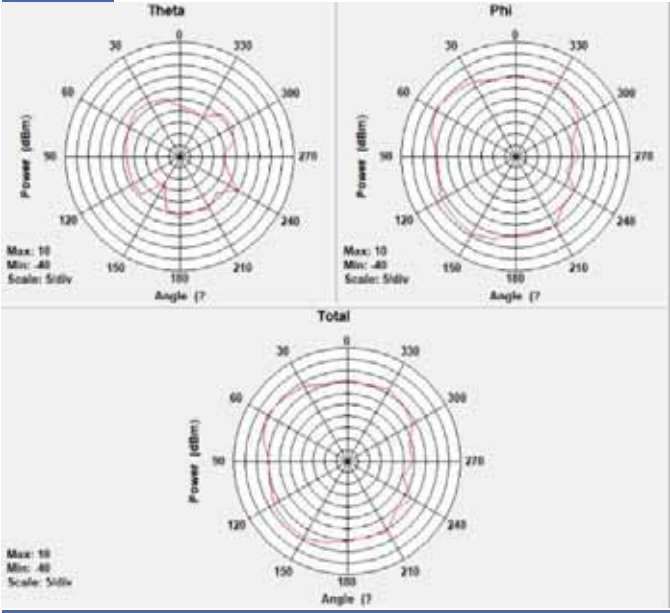
Center Frequency	3700MHz
Horizontal (dBi) peak	-2.85
Vertical (dBi) peak	-2.46

1710MHz



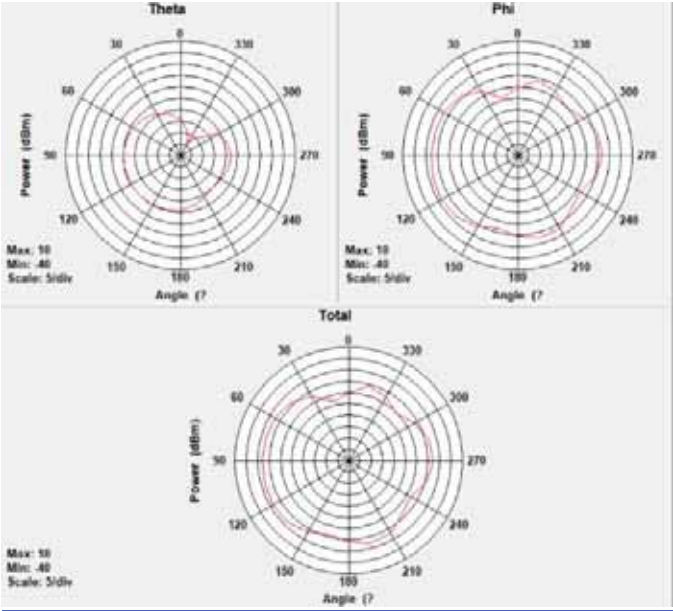
Center Frequency	1710MHz
Horizontal (dBi) peak	-10.43
Vertical (dBi) peak	-2.52

1780MHz



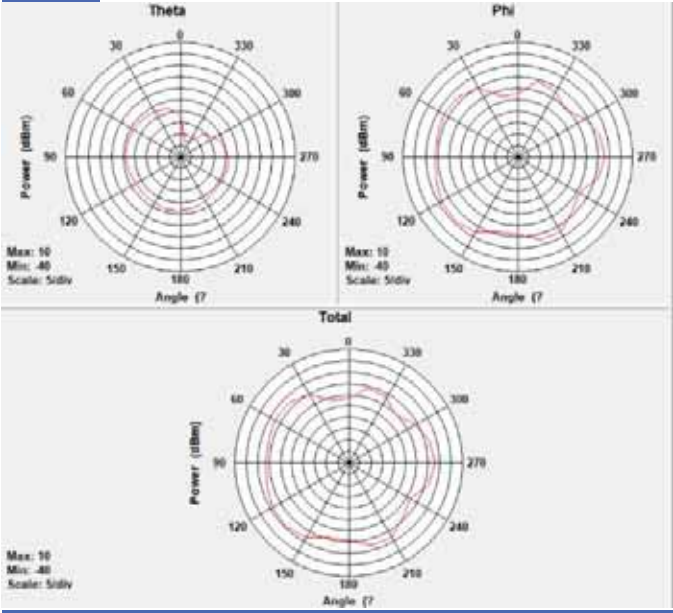
Center Frequency	1780MHz
Horizontal (dBi) peak	-10.89
Vertical (dBi) peak	0.25

663MHz



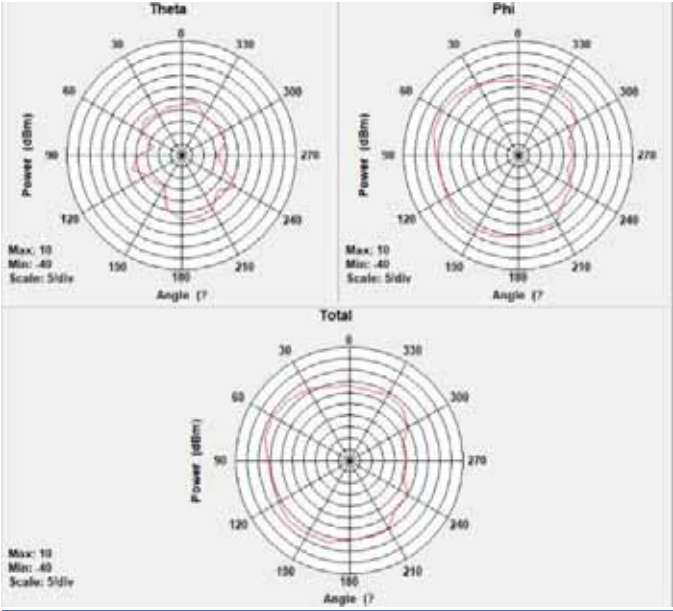
Center Frequency	663MHz
Horizontal (dBi) peak	-15.02
Vertical (dBi) peak	-1.96

698MHz



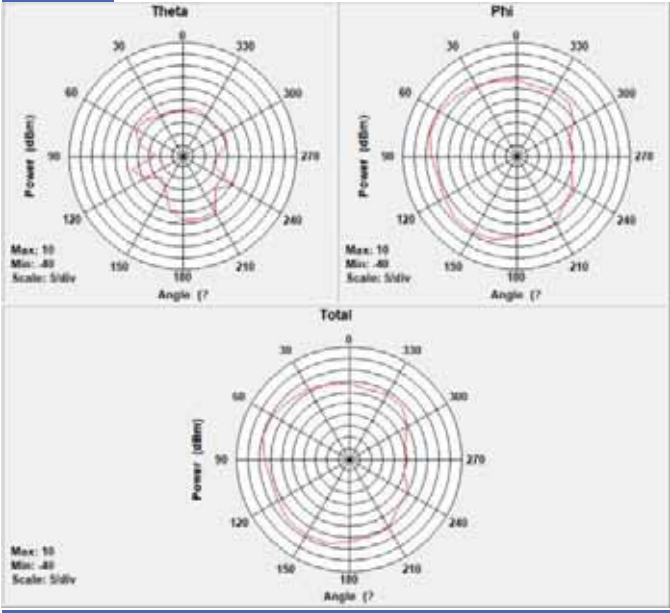
Center Frequency	698MHz
Horizontal (dBi) peak	-16.31
Vertical (dBi) peak	-1.25

1920MHz



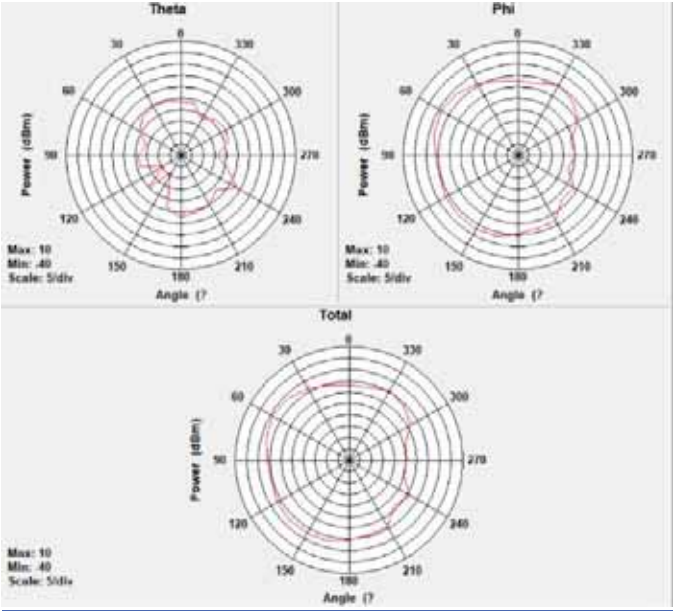
Center Frequency	1920MHz
Horizontal (dBi) peak	-12.41
Vertical (dBi) peak	-1.72

1980MHz



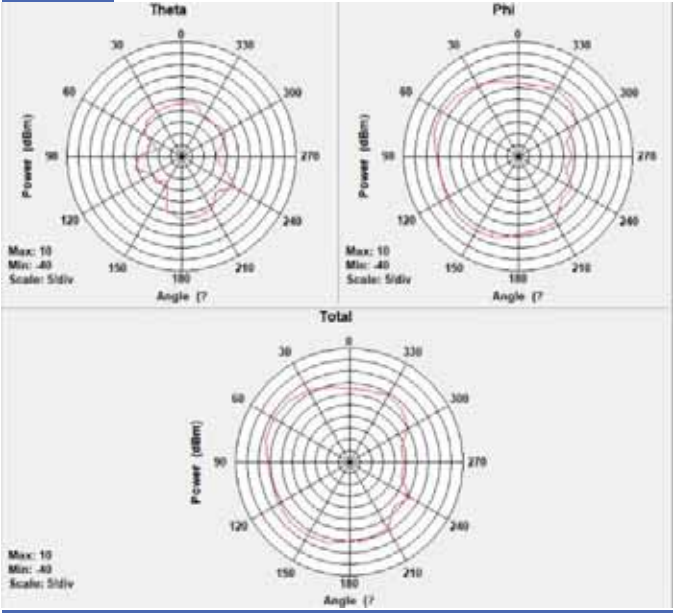
Center Frequency	1980MHz
Horizontal (dBi) peak	-11.67
Vertical (dBi) peak	-0.79

1850MHz



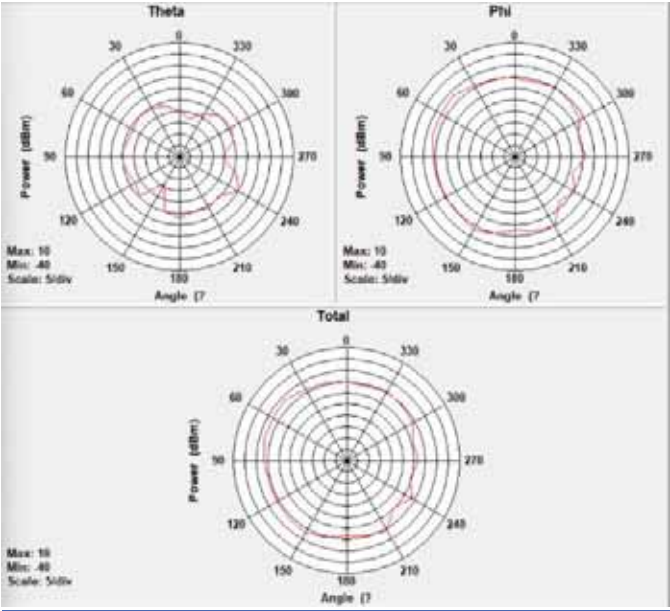
Center Frequency	1850MHz
Horizontal (dBi) peak	-11.79
Vertical (dBi) peak	-1.68

1910MHz



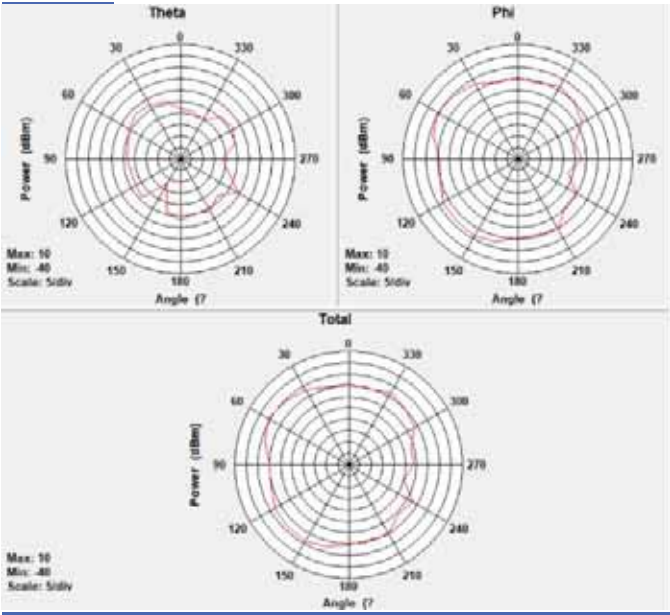
Center Frequency	1910MHz
Horizontal (dBi) peak	-12.49
Vertical (dBi) peak	-1.88

1710MHz



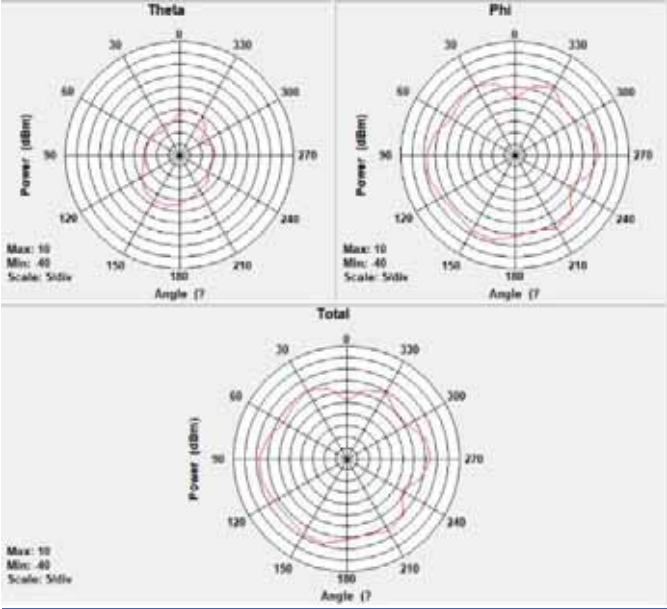
Center Frequency	1710MHz
Horizontal (dBi) peak	-10.43
Vertical (dBi) peak	-2.52

1785MHz



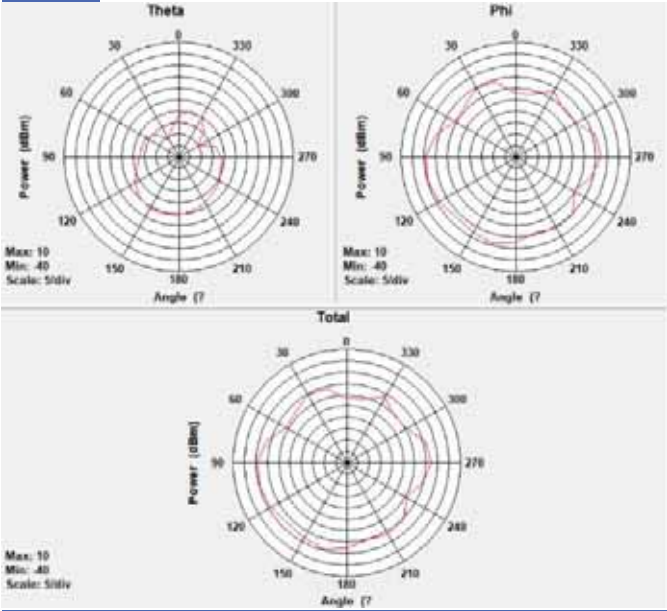
Center Frequency	1785MHz
Horizontal (dBi) peak	-11.03
Vertical (dBi) peak	0.17

824MHz



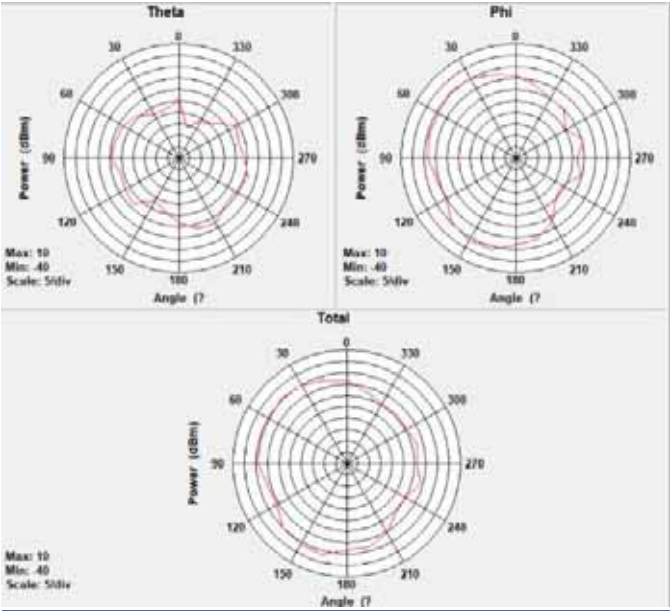
Center Frequency	824MHz
Horizontal (dBi) peak	-17.21
Vertical (dBi) peak	1.55

849MHz



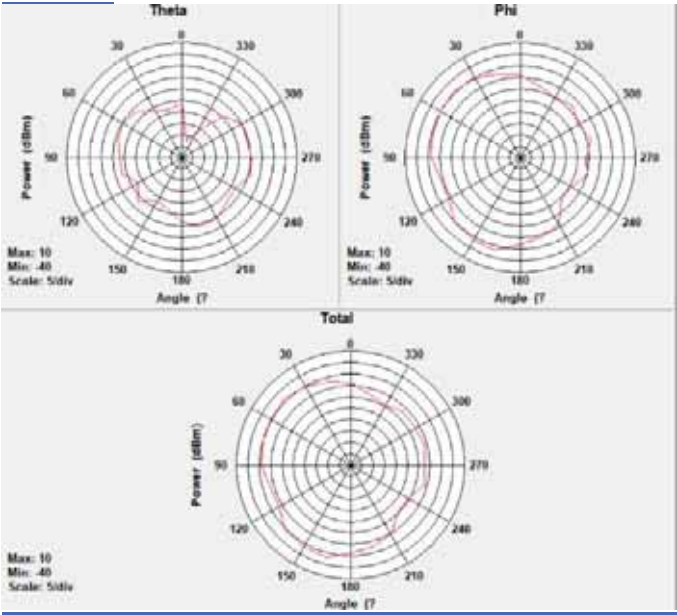
Center Frequency	849MHz
Horizontal (dBi) peak	-14.56
Vertical (dBi) peak	-0.56

2500MHz



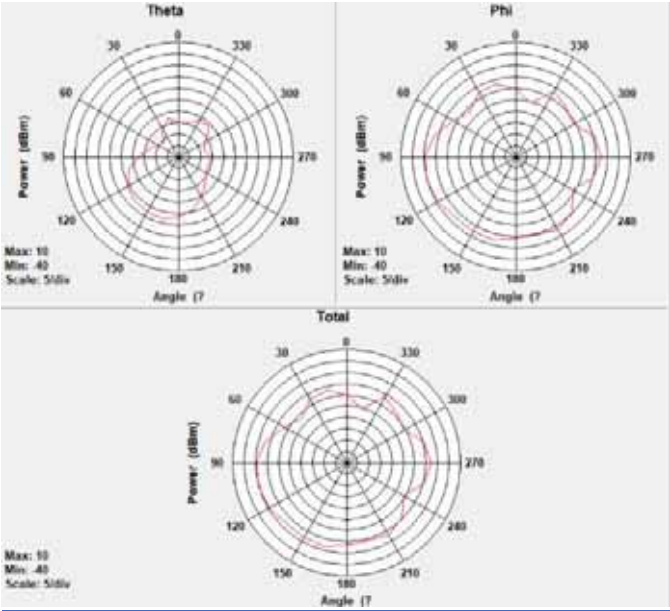
Center Frequency	2500MHz
Horizontal (dBi) peak	-7.74
Vertical (dBi) peak	1.20

2570MHz



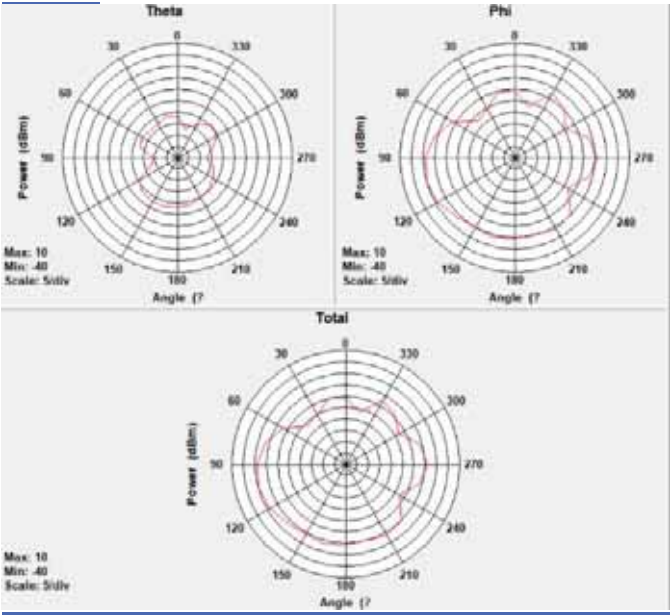
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.16
Vertical (dBi) peak	1.59

880MHz



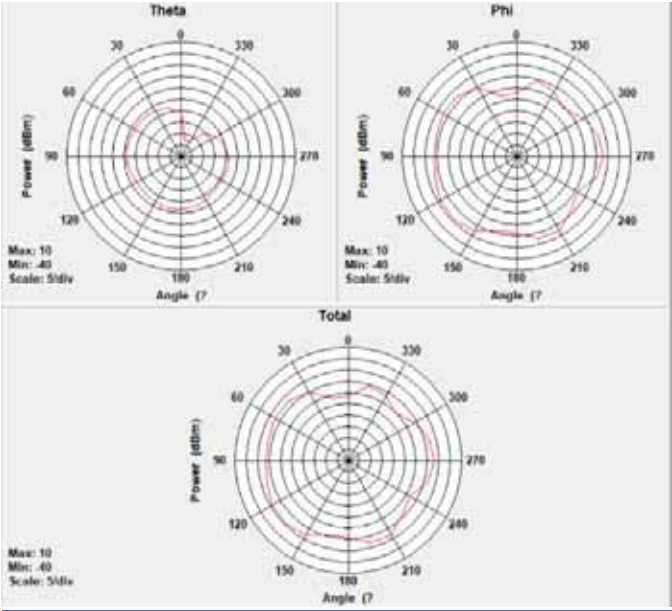
Center Frequency	880MHz
Horizontal (dBi) peak	-12.61
Vertical (dBi) peak	-0.27

914MHz



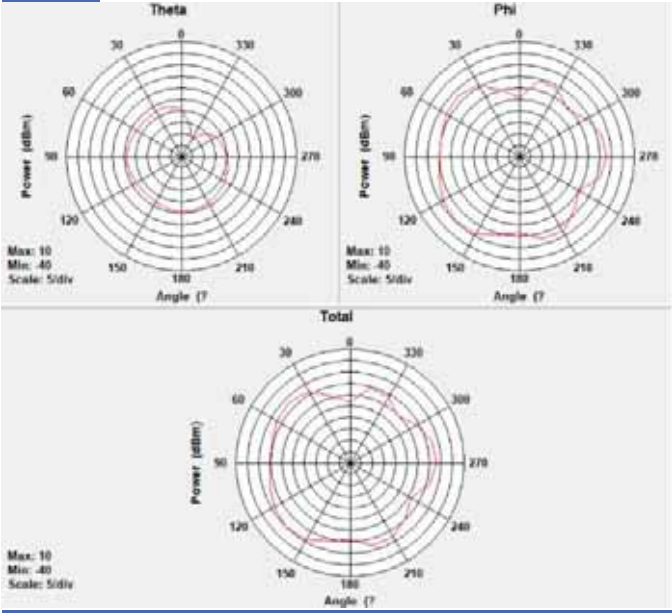
Center Frequency	914MHz
Horizontal (dBi) peak	-18.02
Vertical (dBi) peak	-0.68

699MHz



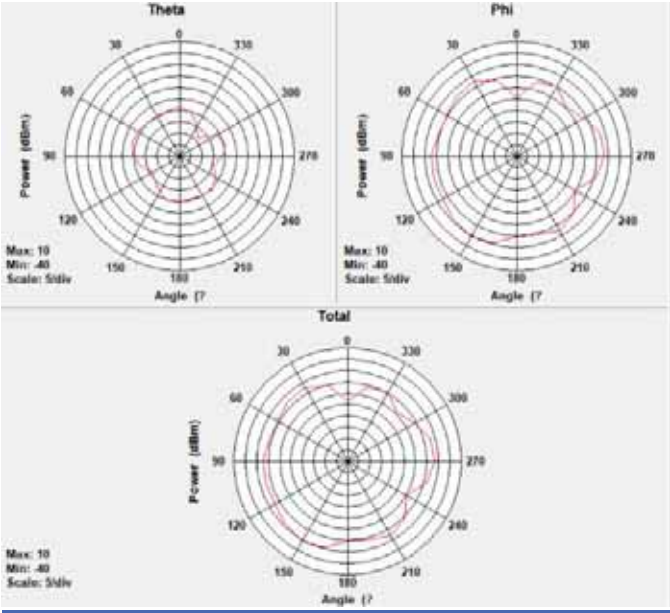
Center Frequency	699MHz
Horizontal (dBi) peak	-16.32
Vertical (dBi) peak	-1.25

716MHz



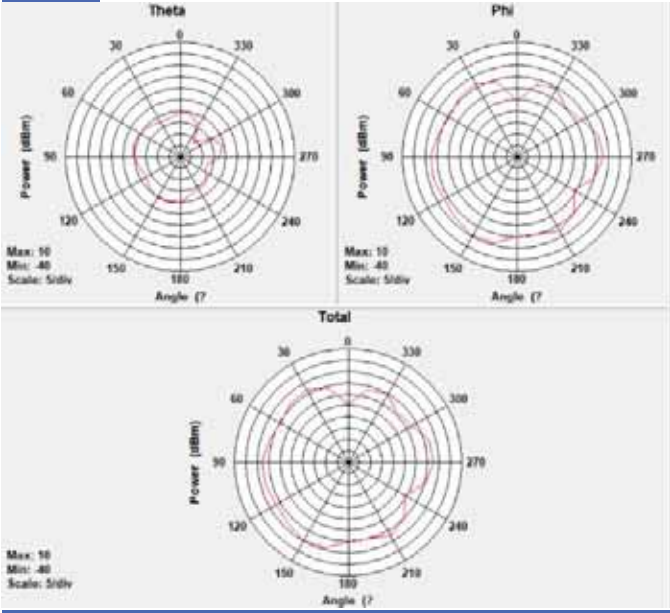
Center Frequency	716MHz
Horizontal (dBi) peak	-16.05
Vertical (dBi) peak	-0.72

788MHz



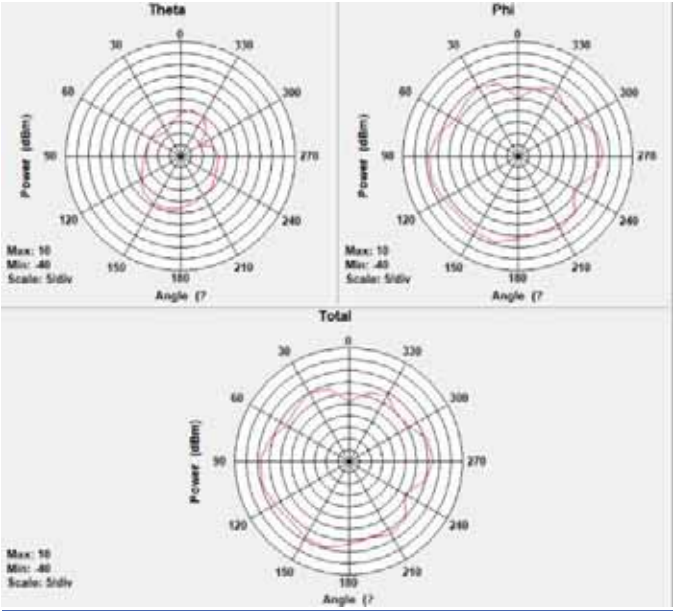
Center Frequency	788MHz
Horizontal (dBi) peak	-18.61
Vertical (dBi) peak	-0.06

798MHz



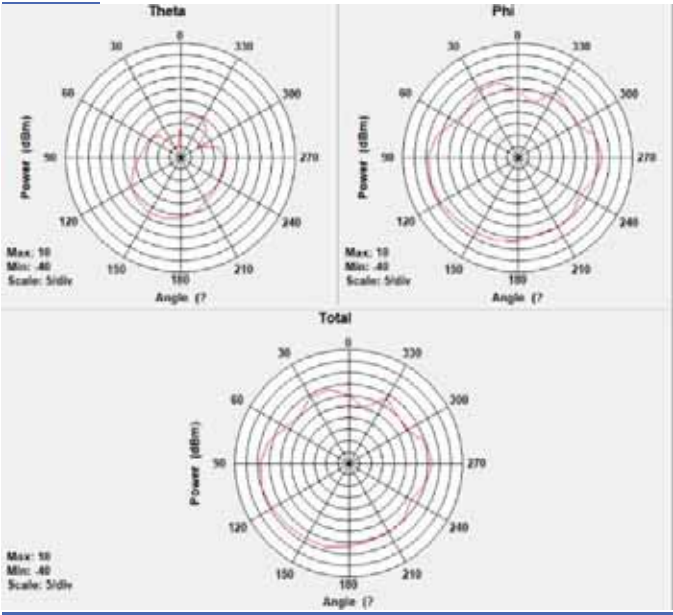
Center Frequency	798MHz
Horizontal (dBi) peak	-19.37
Vertical (dBi) peak	-0.82

832MHz



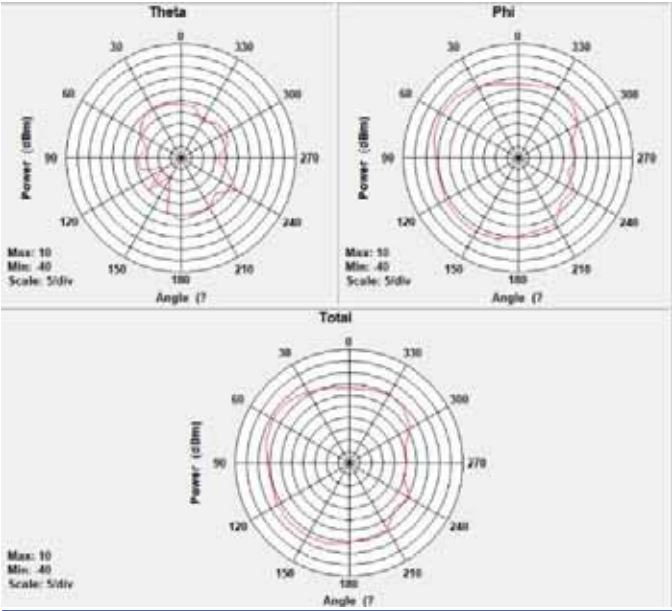
Center Frequency	832MHz
Horizontal (dBi) peak	-16.48
Vertical (dBi) peak	-1.18

862MHz



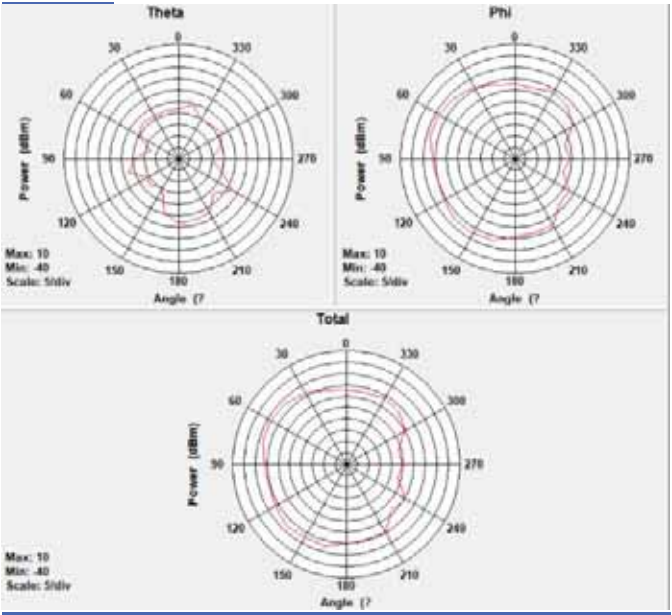
Center Frequency	862MHz
Horizontal (dBi) peak	-12.73
Vertical (dBi) peak	-0.83

1850MHz



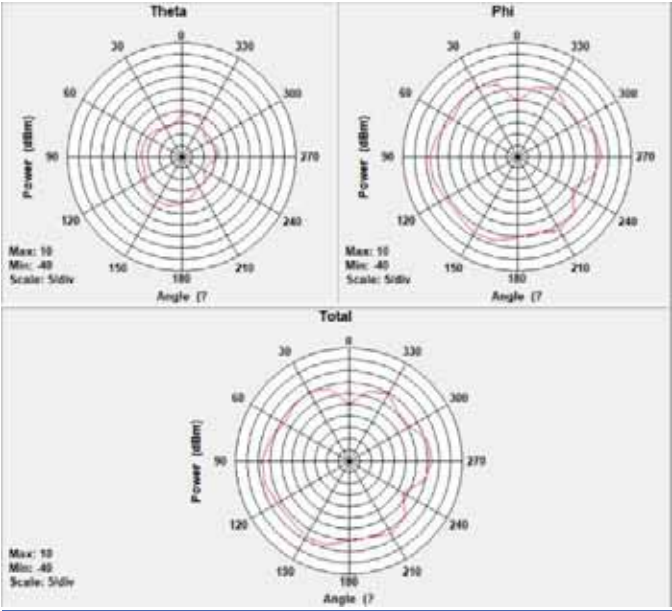
Center Frequency	1850MHz
Horizontal (dBi) peak	-11.79
Vertical (dBi) peak	-1.68

1915MHz



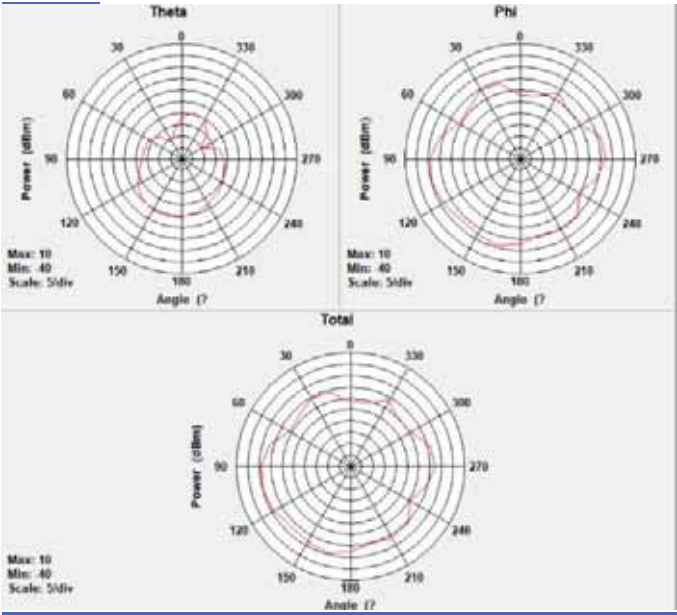
Center Frequency	1915MHz
Horizontal (dBi) peak	-12.32
Vertical (dBi) peak	-1.82

814MHz



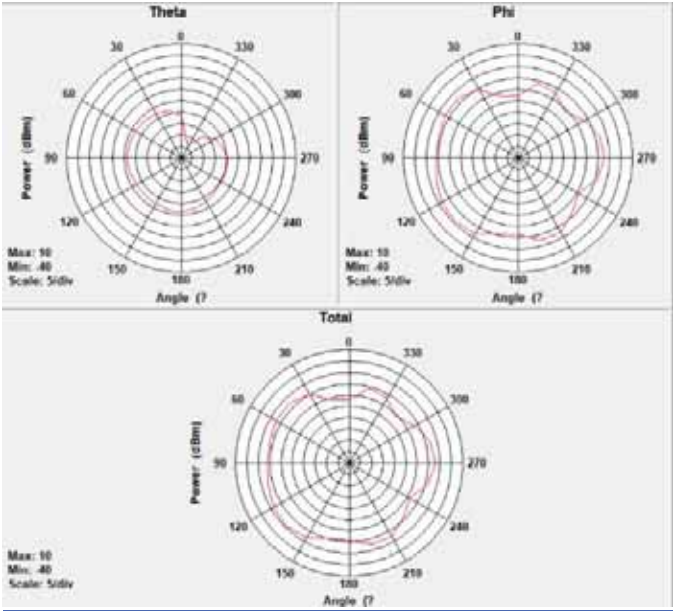
Center Frequency	814MHz
Horizontal (dBi) peak	-18.02
Vertical (dBi) peak	-1.92

849MHz



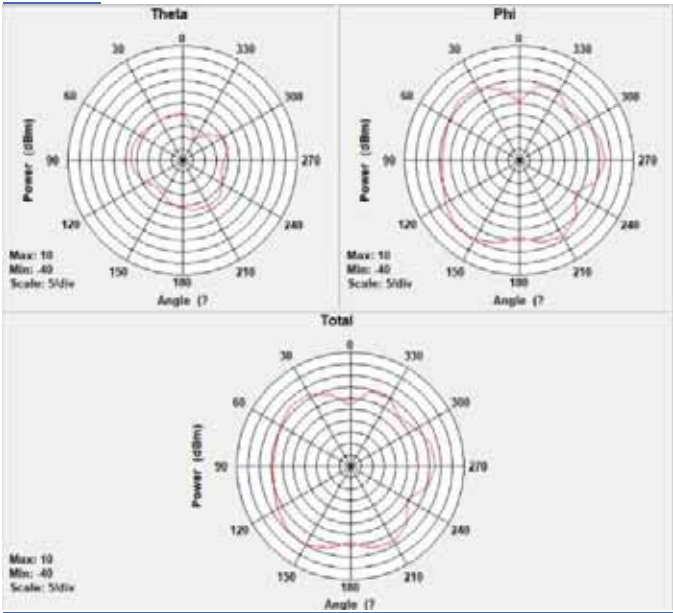
Center Frequency	849MHz
Horizontal (dBi) peak	-14.56
Vertical (dBi) peak	-0.56

703MHz



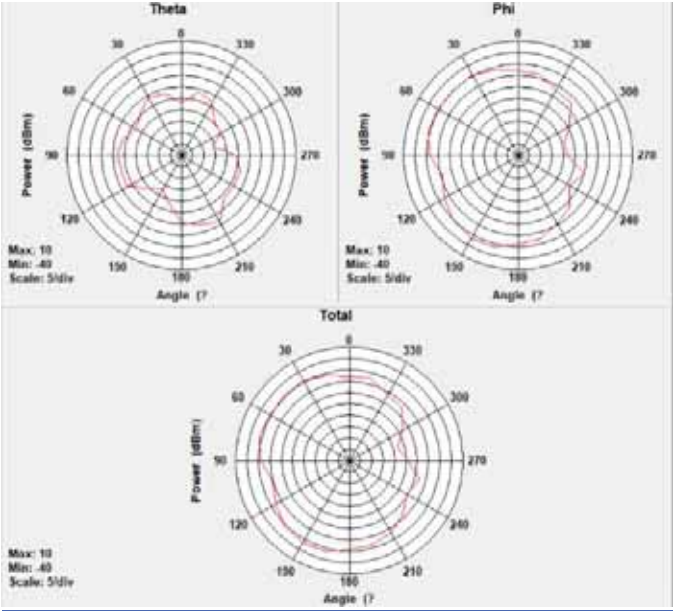
Center Frequency	703MHz
Horizontal (dBi) peak	-16.65
Vertical (dBi) peak	-1.26

748MHz



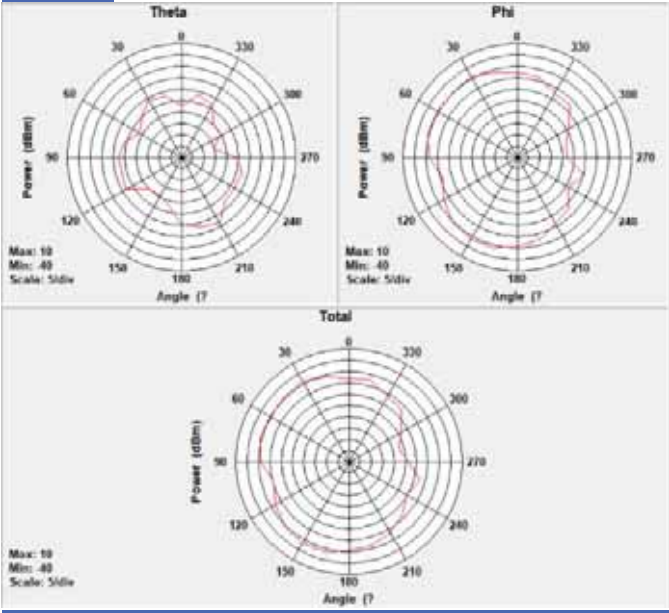
Center Frequency	748MHz
Horizontal (dBi) peak	-17.16
Vertical (dBi) peak	-0.38

2305MHz



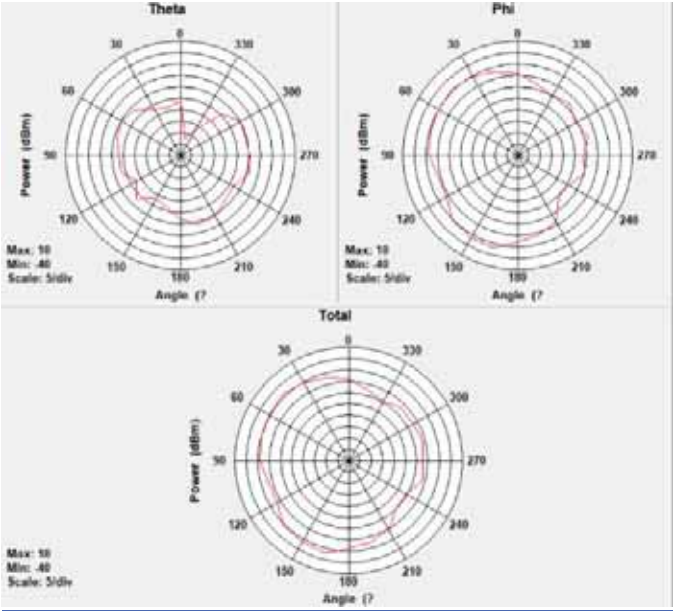
Center Frequency	2305MHz
Horizontal (dBi) peak	-7.06
Vertical (dBi) peak	1.15

2315MHz



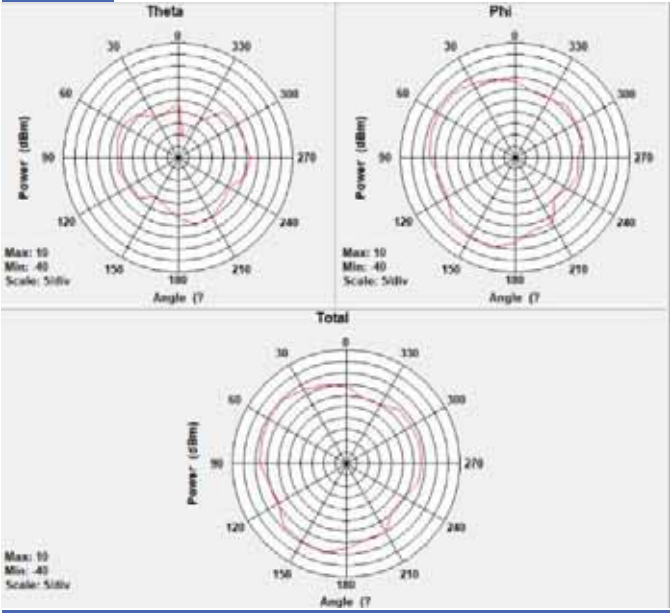
Center Frequency	2315MHz
Horizontal (dBi) peak	-7.00
Vertical (dBi) peak	1.01

2570MHz



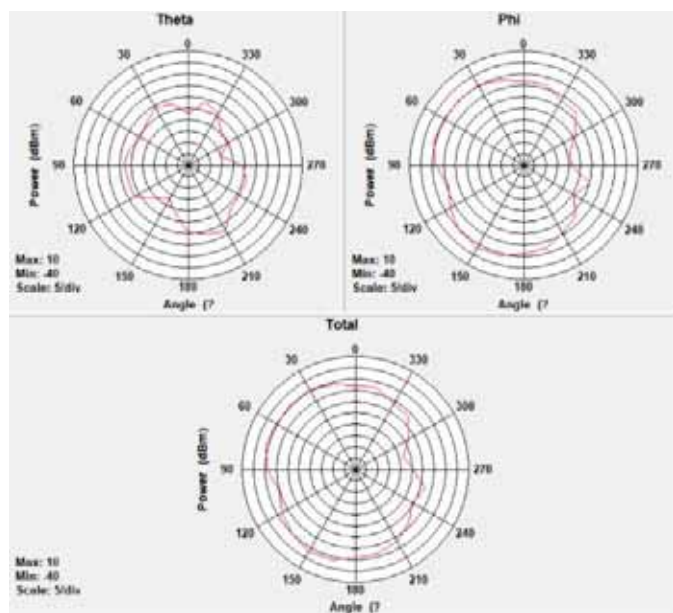
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.16
Vertical (dBi) peak	1.59

2620MHz



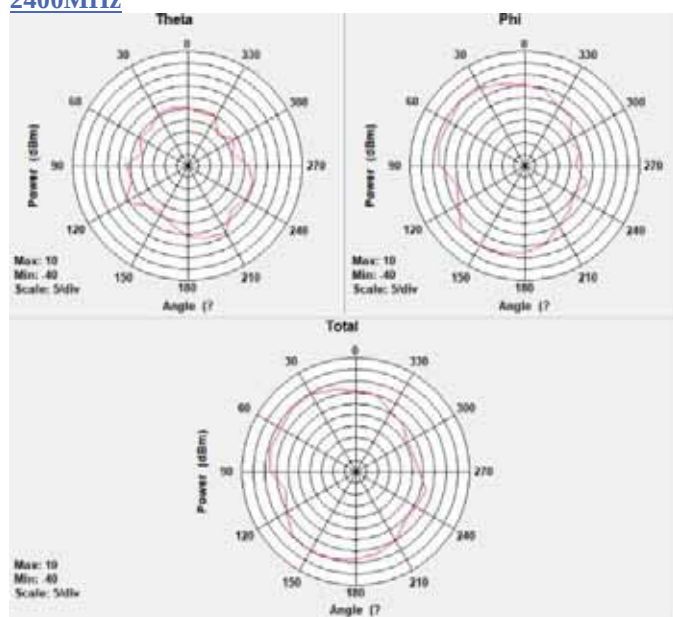
Center Frequency	2620MHz
Horizontal (dBi) peak	-8.68
Vertical (dBi) peak	0.09

2300MHz



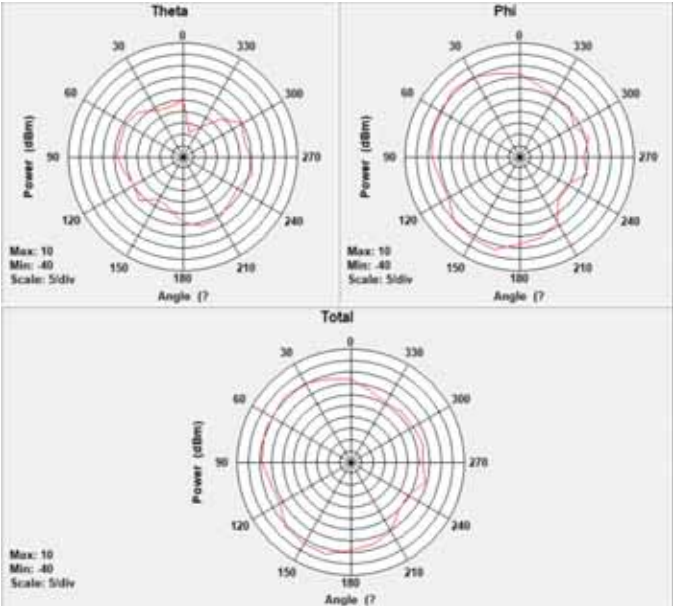
Center Frequency	2300MHz
Horizontal (dBi) peak	-7.14
Vertical (dBi) peak	1.18

2400MHz



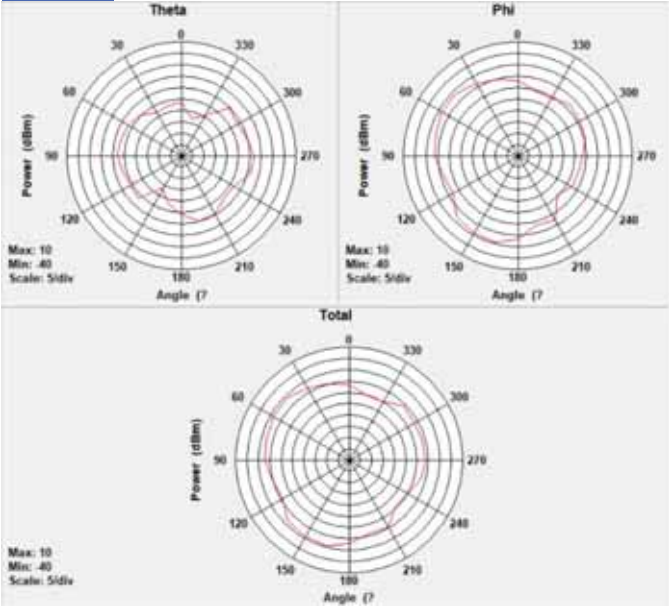
Center Frequency	2400MHz
Horizontal (dBi) peak	-6.85
Vertical (dBi) peak	-0.25

2496MHz



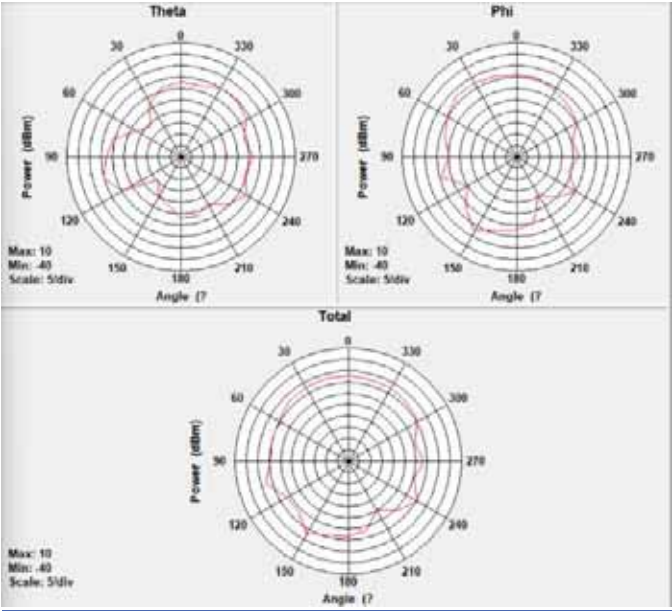
Center Frequency	2496MHz
Horizontal (dBi) peak	-7.50
Vertical (dBi) peak	1.08

2690MHz



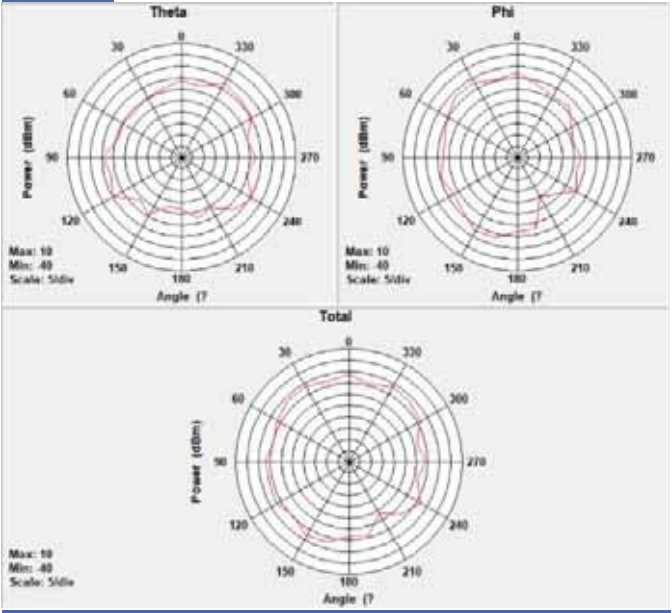
Center Frequency	2690MHz
Horizontal (dBi) peak	-7.88
Vertical (dBi) peak	-1.47

3550MHz



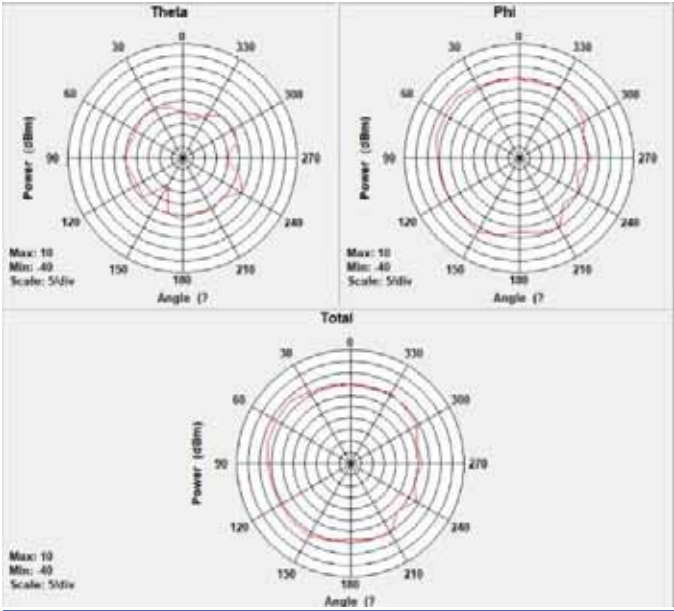
Center Frequency	3550MHz
Horizontal (dBi) peak	-5.30
Vertical (dBi) peak	-3.02

3700MHz



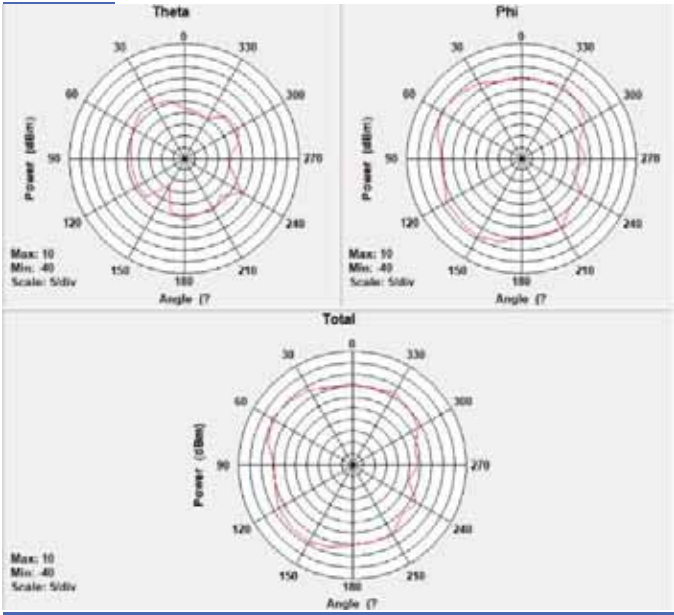
Center Frequency	3700MHz
Horizontal (dBi) peak	-2.85
Vertical (dBi) peak	-2.46

1710MHz



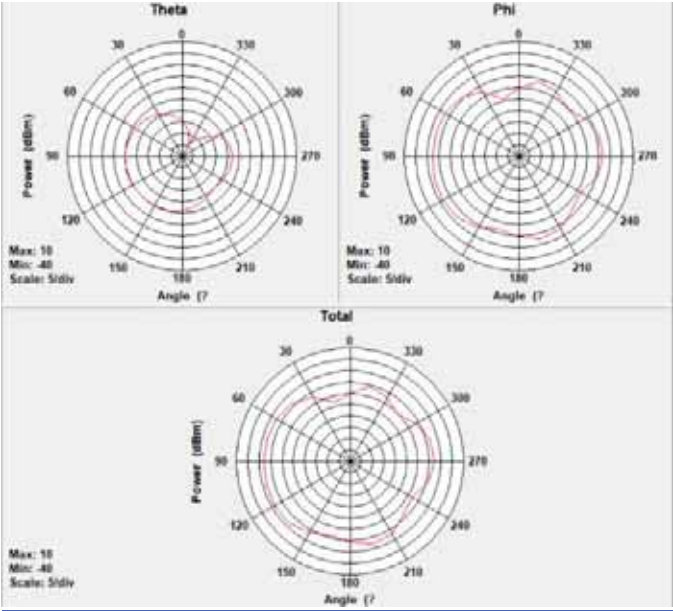
Center Frequency	1710MHz
Horizontal (dBi) peak	-10.43
Vertical (dBi) peak	-2.52

1780MHz



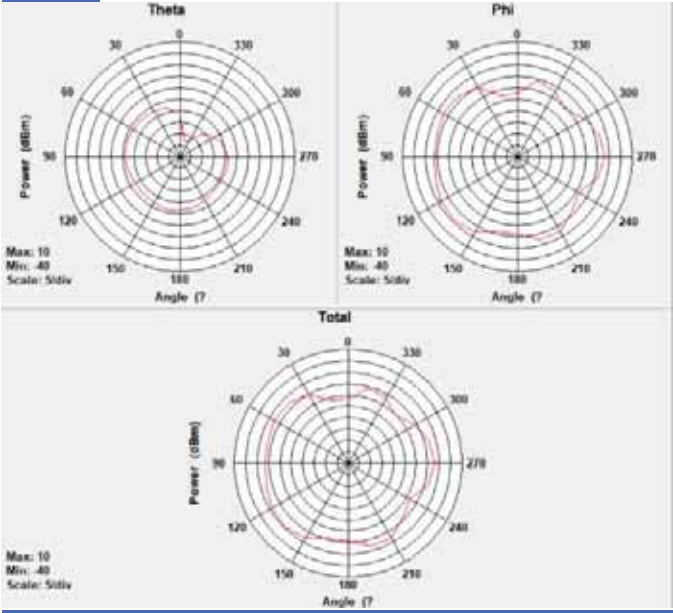
Center Frequency	1780MHz
Horizontal (dBi) peak	-10.89
Vertical (dBi) peak	0.25

663MHz



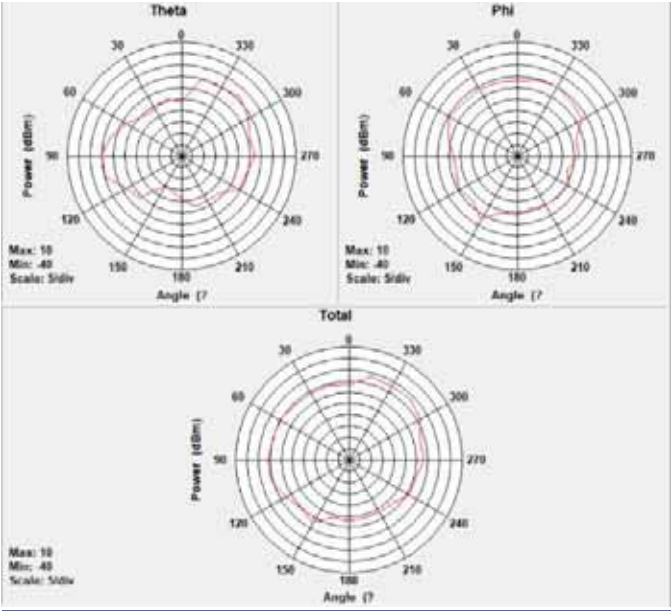
Center Frequency	663MHz
Horizontal (dBi) peak	-15.02
Vertical (dBi) peak	-1.96

698MHz



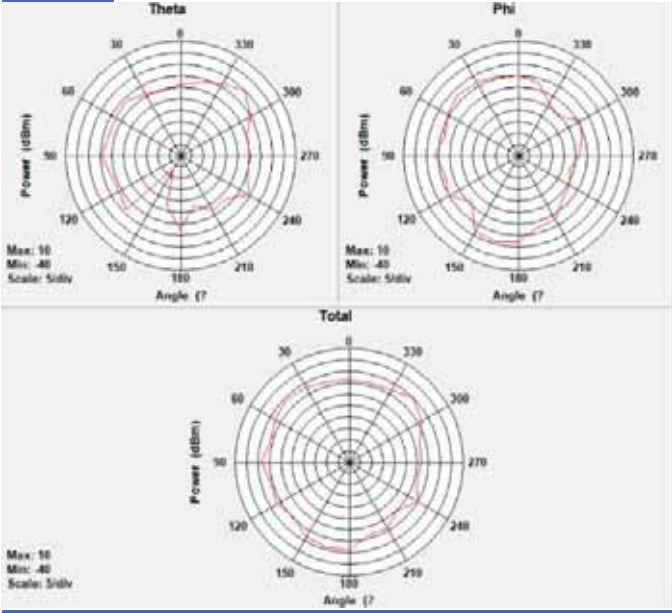
Center Frequency	698MHz
Horizontal (dBi) peak	-16.31
Vertical (dBi) peak	-1.25

3300MHz



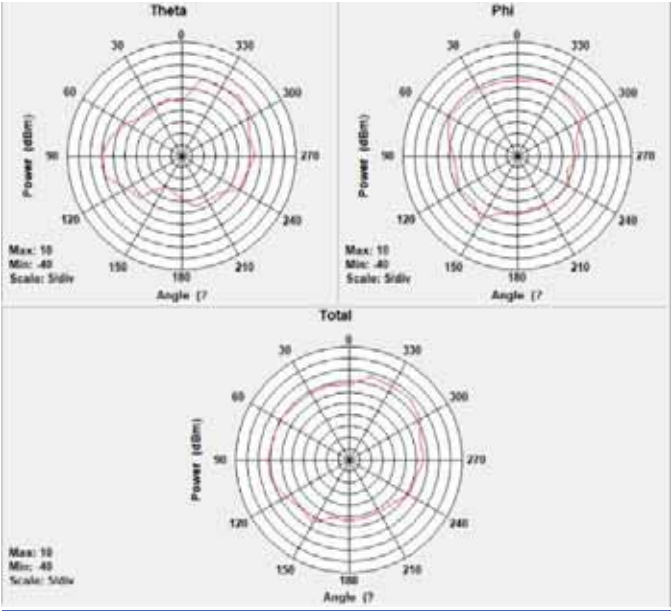
Center Frequency	3300MHz
Horizontal (dBi) peak	-4.04
Vertical (dBi) peak	-5.34

4200MHz



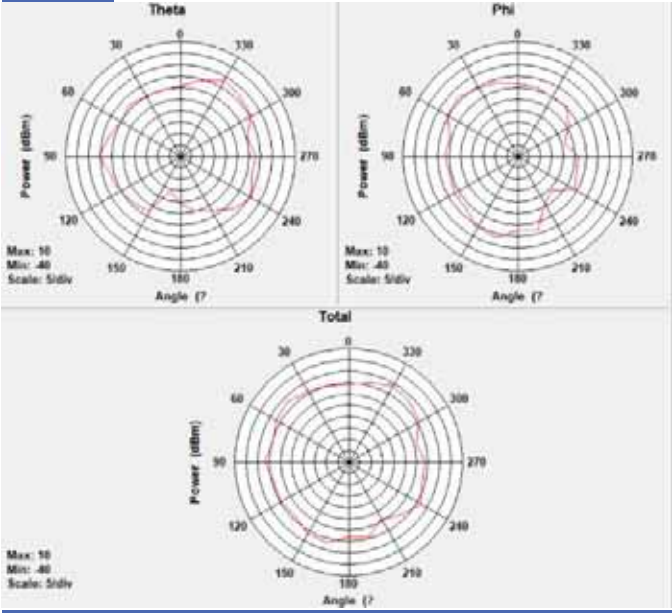
Center Frequency	4200MHz
Horizontal (dBi) peak	-0.56
Vertical (dBi) peak	-1.53

3300MHz



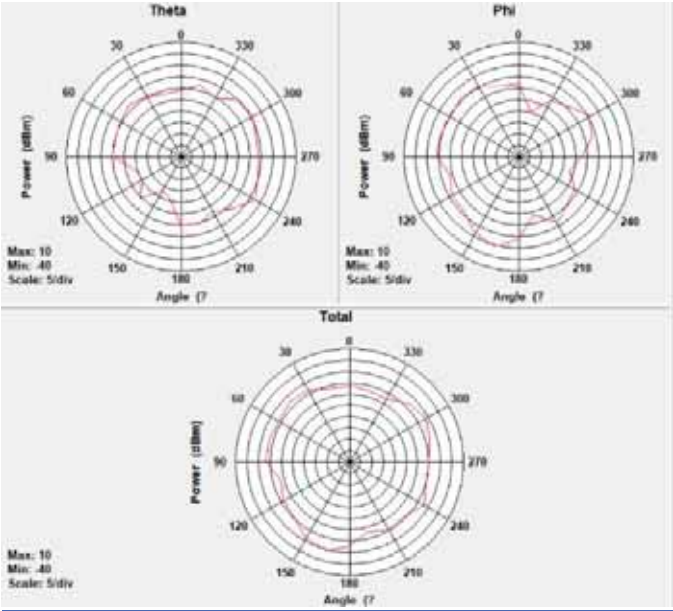
Center Frequency	3300MHz
Horizontal (dBi) peak	-4.04
Vertical (dBi) peak	-5.34

3800MHz



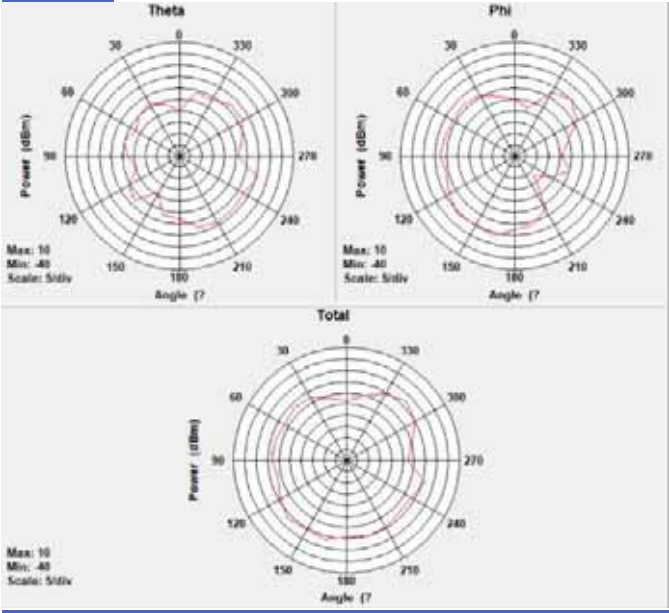
Center Frequency	3800MHz
Horizontal (dBi) peak	-2.02
Vertical (dBi) peak	-3.60

4400MHz



Center Frequency	4400MHz
Horizontal (dBi) peak	-3.06
Vertical (dBi) peak	0.15

5000MHz

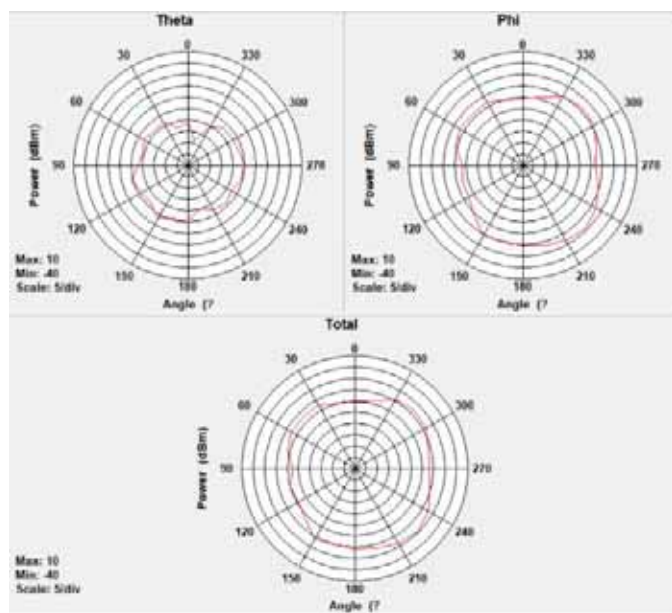


Center Frequency	5000MHz
Horizontal (dBi) peak	-4.48
Vertical (dBi) peak	-4.21

Ant8:

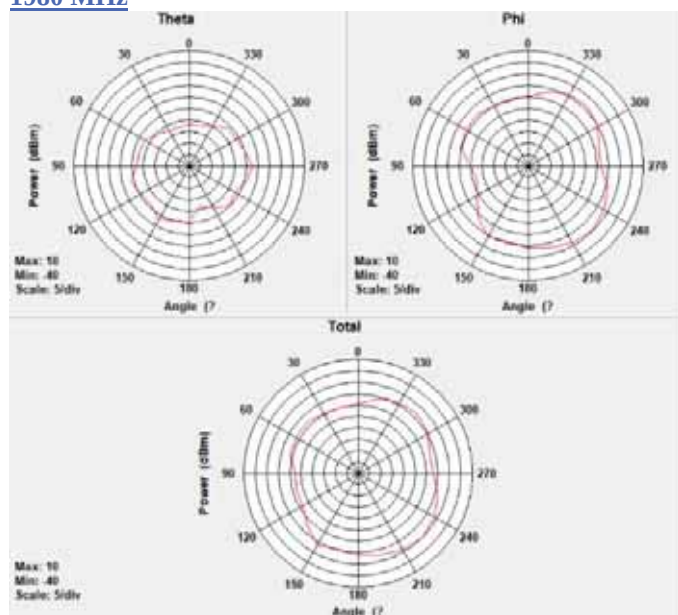
Example

1920 MHz



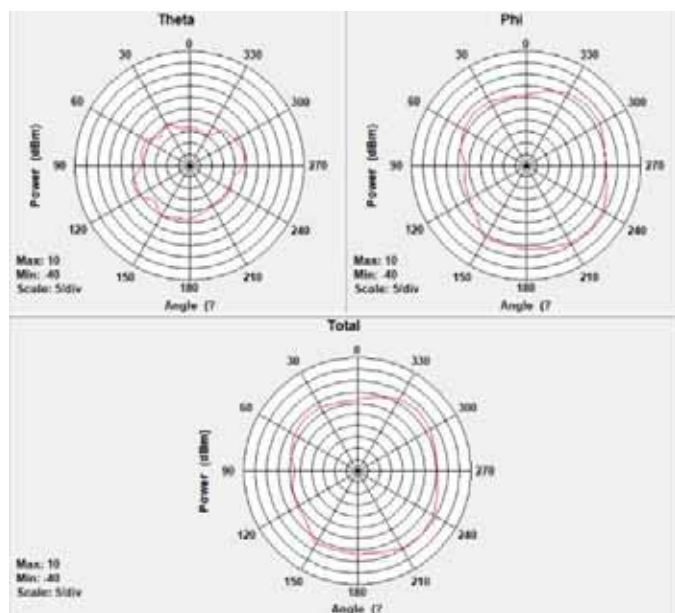
Center Frequency	1920MHz
Horizontal (dBi) peak	-13.61
Vertical (dBi) peak	-1.38

1980 MHz



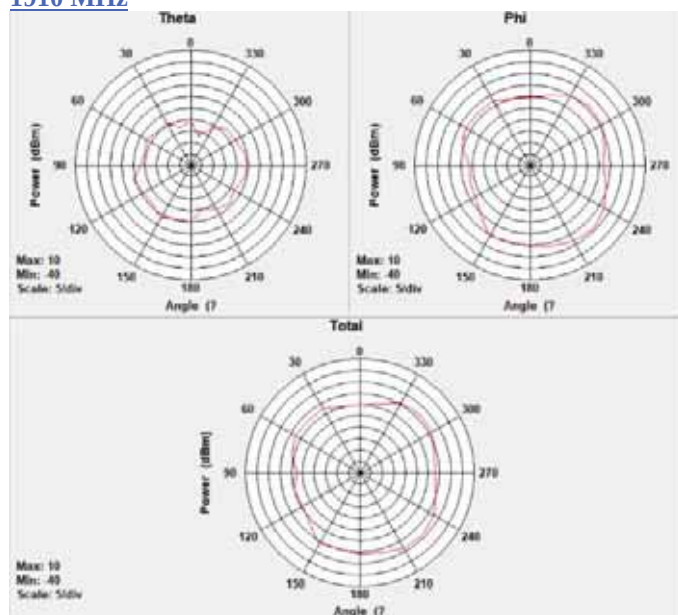
Center Frequency	1980MHz
Horizontal (dBi) peak	-12.85
Vertical (dBi) peak	-0.63

1850 MHz



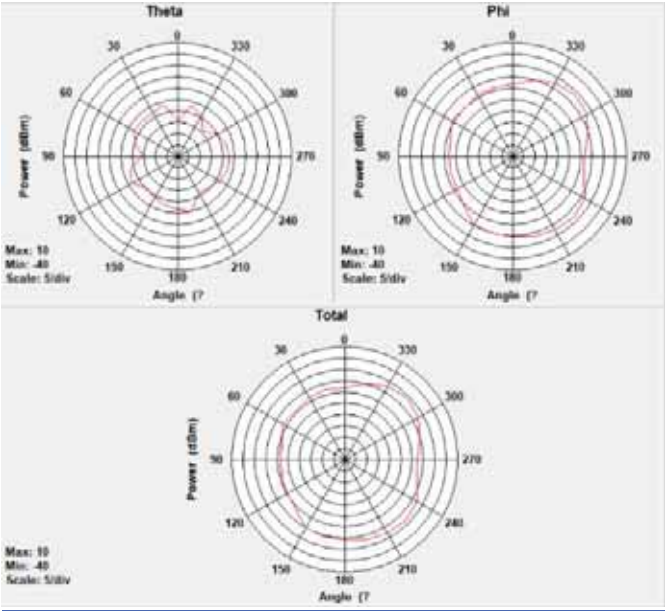
Center Frequency	1850MHz
Horizontal (dBi) peak	-14.28
Vertical (dBi) peak	-0.51

1910 MHz



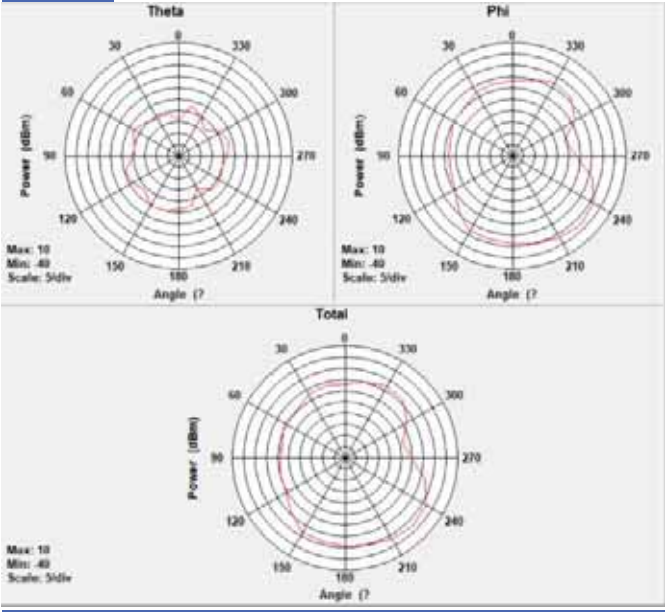
Center Frequency	1910MHz
Horizontal (dBi) peak	-13.63
Vertical (dBi) peak	-1.59

1710 MHz



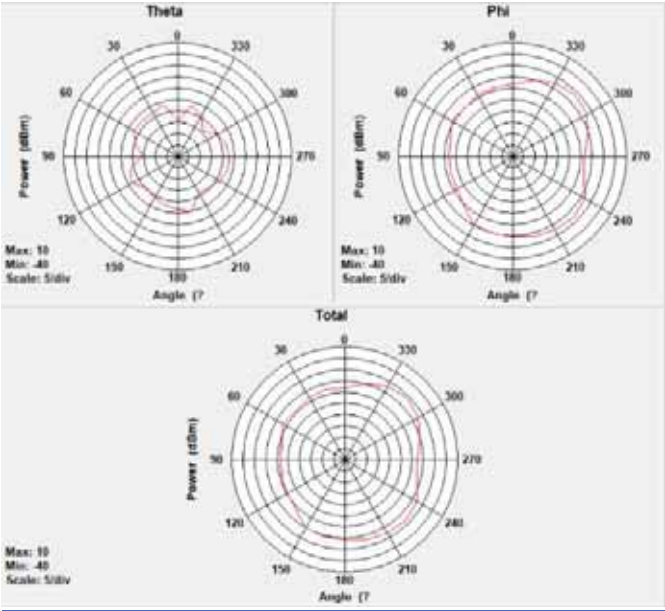
Center Frequency	1710MHz
Horizontal (dBi) peak	-15.67
Vertical (dBi) peak	-1.59

1785MHz



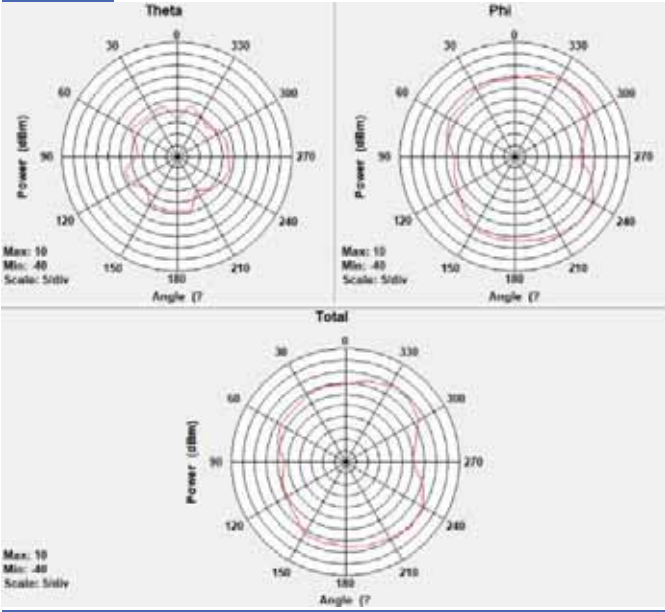
Center Frequency	1785MHz
Horizontal (dBi) peak	-15.29
Vertical (dBi) peak	2.33

1710MHz



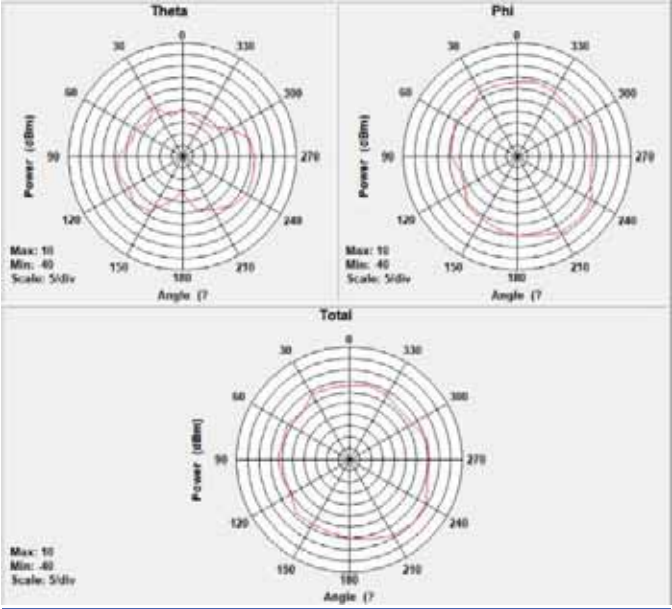
Center Frequency	1710MHz
Horizontal (dBi) peak	-15.67
Vertical (dBi) peak	-1.59

1755MHz



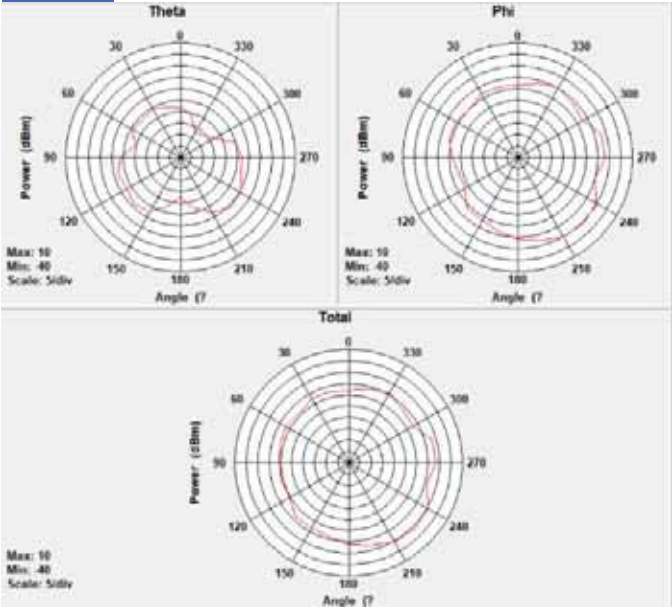
Center Frequency	1755MHz
Horizontal (dBi) peak	-15.93
Vertical (dBi) peak	-0.05

2500 MHz



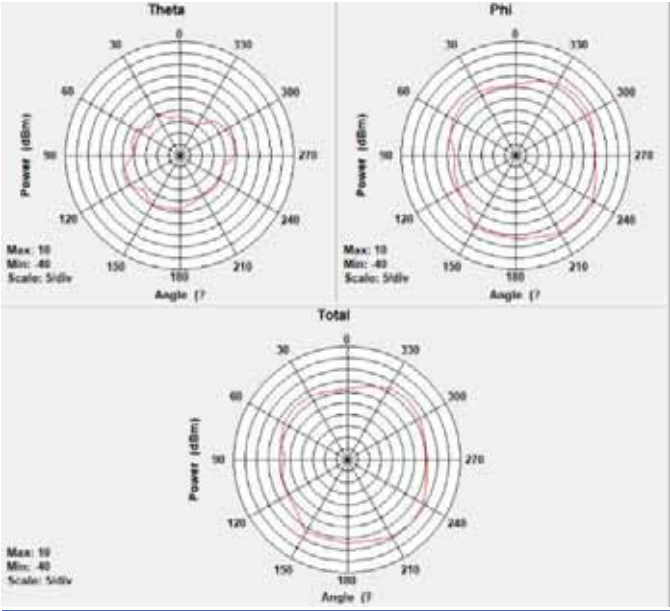
Center Frequency	2500MHz
Horizontal (dBi) peak	-7.42
Vertical (dBi) peak	-1.13

2570MHz



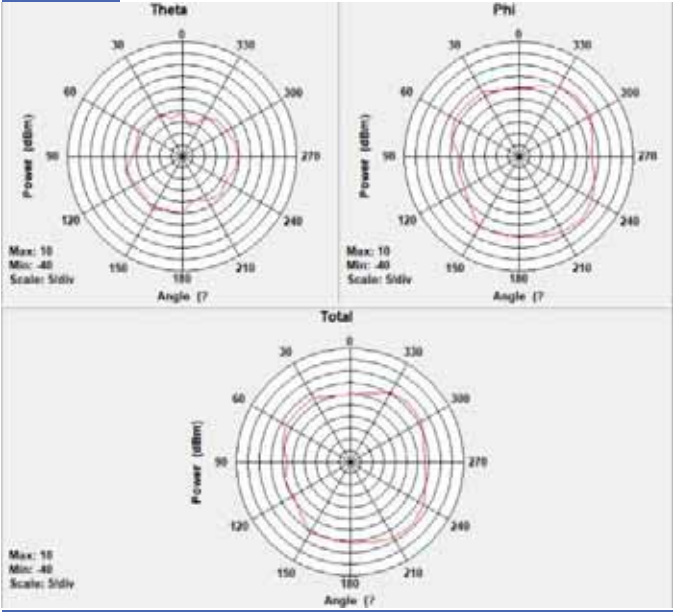
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.30
Vertical (dBi) peak	0.30

1850 MHz



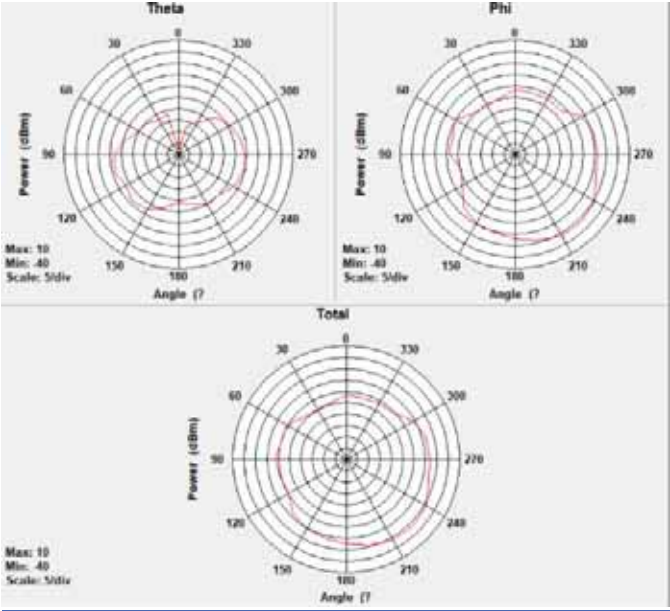
Center Frequency	1850MHz
Horizontal (dBi) peak	-14.28
Vertical (dBi) peak	-0.51

1915 MHz



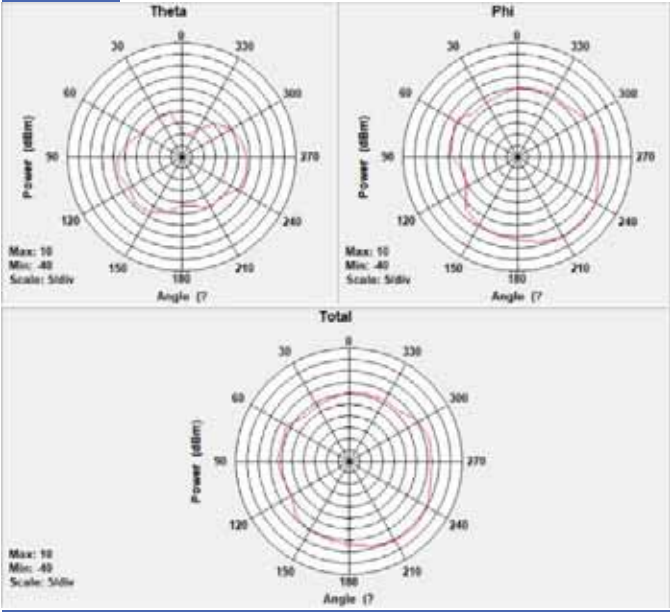
Center Frequency	1915MHz
Horizontal (dBi) peak	-13.74
Vertical (dBi) peak	-1.55

2305 MHz



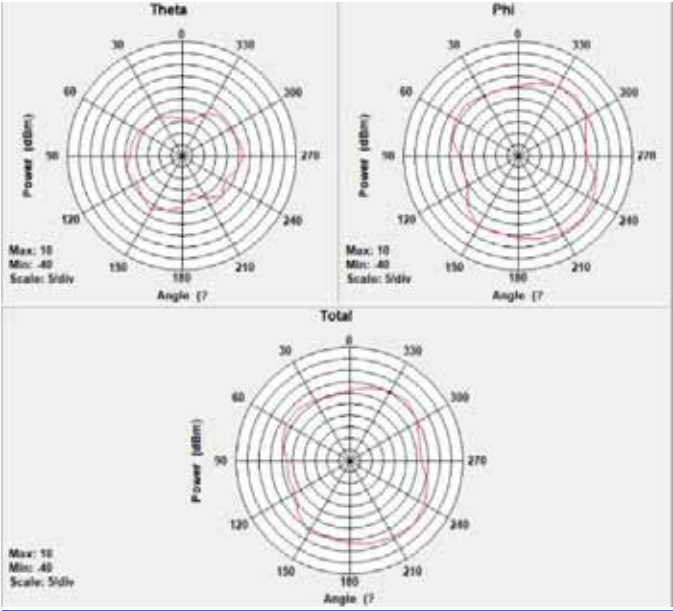
Center Frequency	2305MHz
Horizontal (dBi) peak	-10.96
Vertical (dBi) peak	0.92

2315 MHz



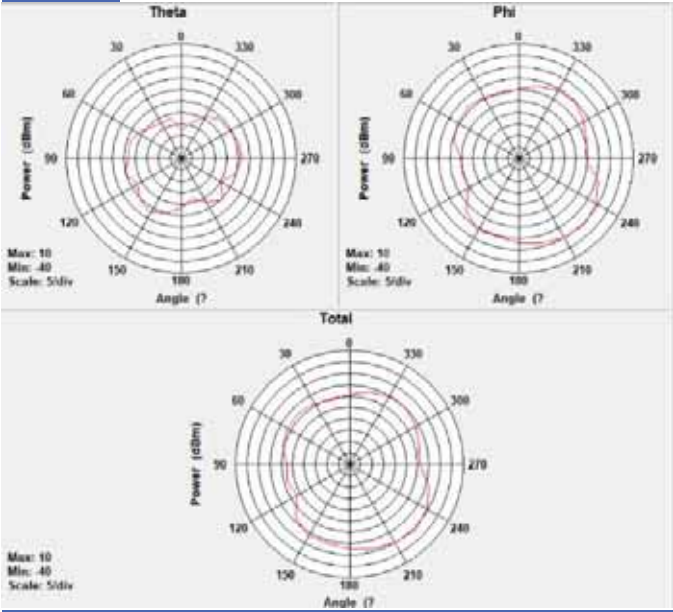
Center Frequency	2315MHz
Horizontal (dBi) peak	-10.73
Vertical (dBi) peak	0.46

2010MHz



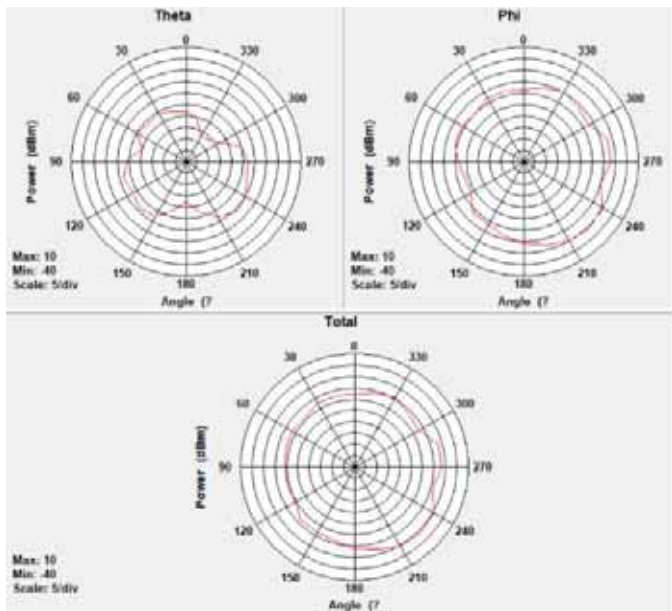
Center Frequency	2010MHz
Horizontal (dBi) peak	-13.12
Vertical (dBi) peak	-0.54

2025 MHz



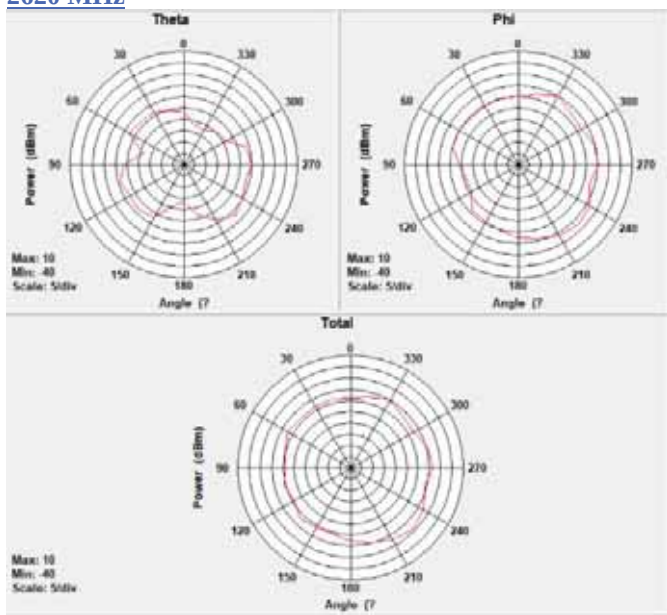
Center Frequency	2025MHz
Horizontal (dBi) peak	-13.16
Vertical (dBi) peak	0.32

2570MHz



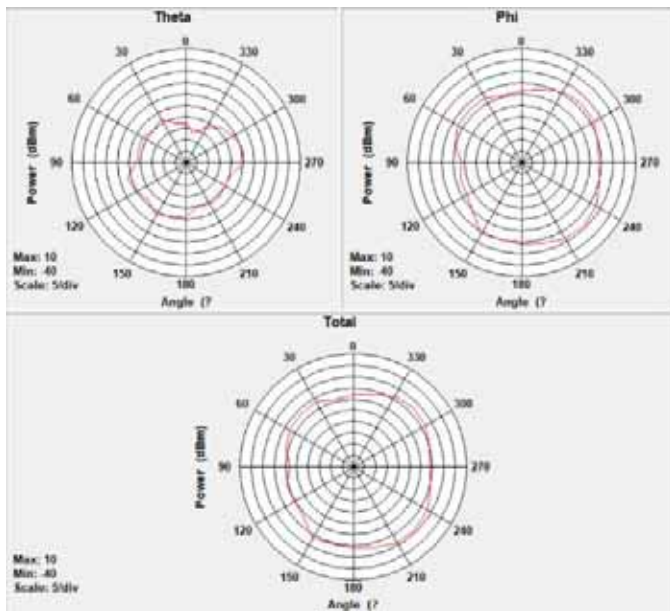
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.30
Vertical (dBi) peak	0.30

2620 MHz



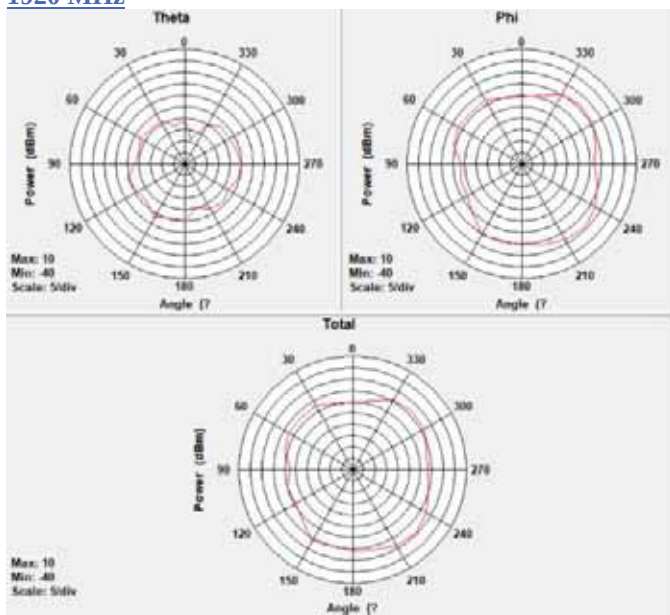
Center Frequency	2620MHz
Horizontal (dBi) peak	-8.22
Vertical (dBi) peak	-2.72

1880MHz



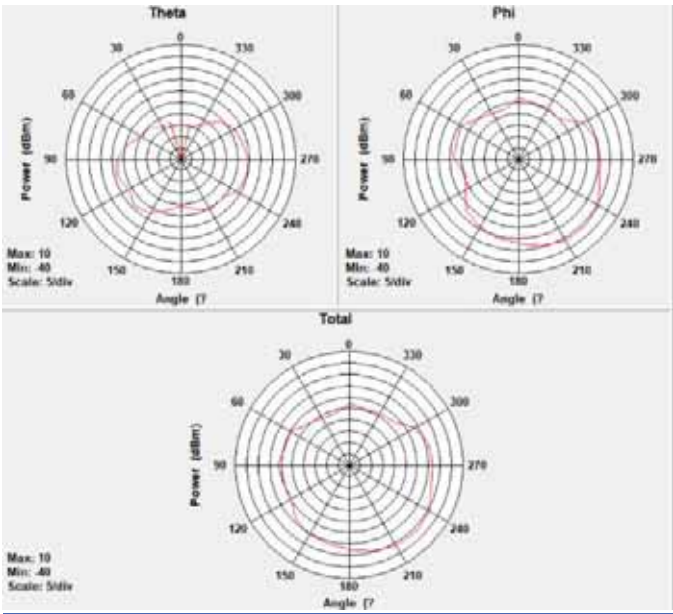
Center Frequency	1880MHz
Horizontal (dBi) peak	-13.73
Vertical (dBi) peak	-1.52

1920 MHz



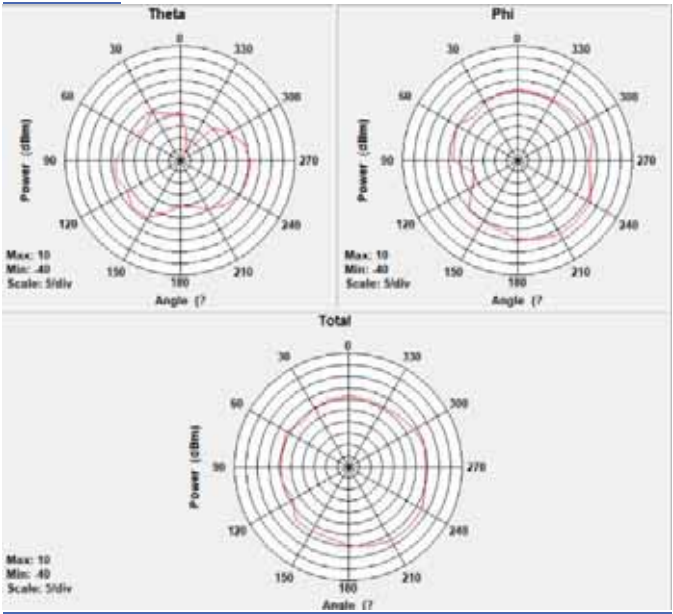
Center Frequency	1920MHz
Horizontal (dBi) peak	-13.61
Vertical (dBi) peak	-1.38

2300 MHz



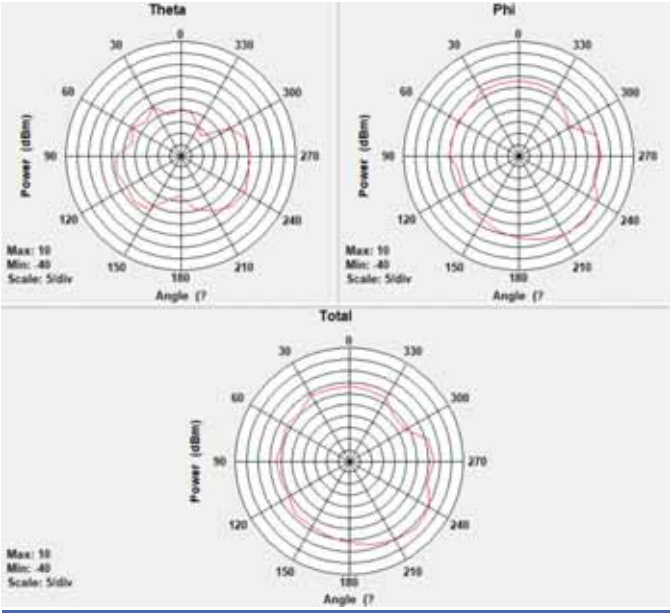
Center Frequency	2300MHz
Horizontal (dBi) peak	-10.70
Vertical (dBi) peak	0.92

2400 MHz



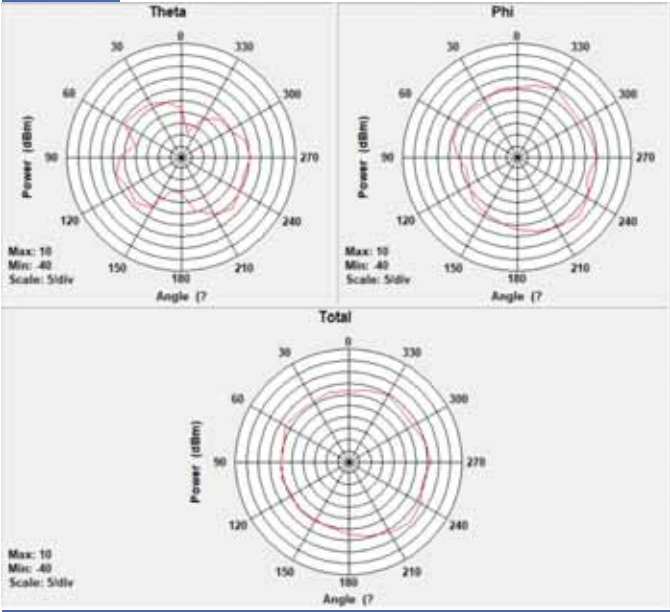
Center Frequency	2400MHz
Horizontal (dBi) peak	-9.60
Vertical (dBi) peak	-3.11

2496 MHz



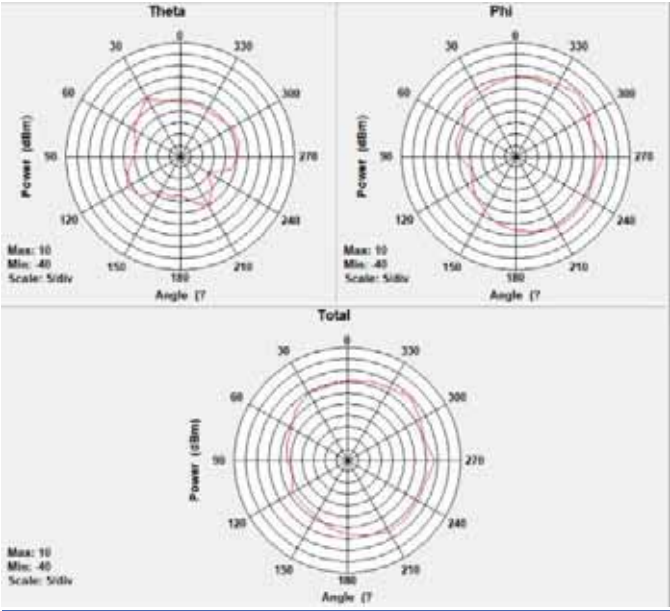
Center Frequency	2496MHz
Horizontal (dBi) peak	-7.45
Vertical (dBi) peak	-1.30

2690 MHz



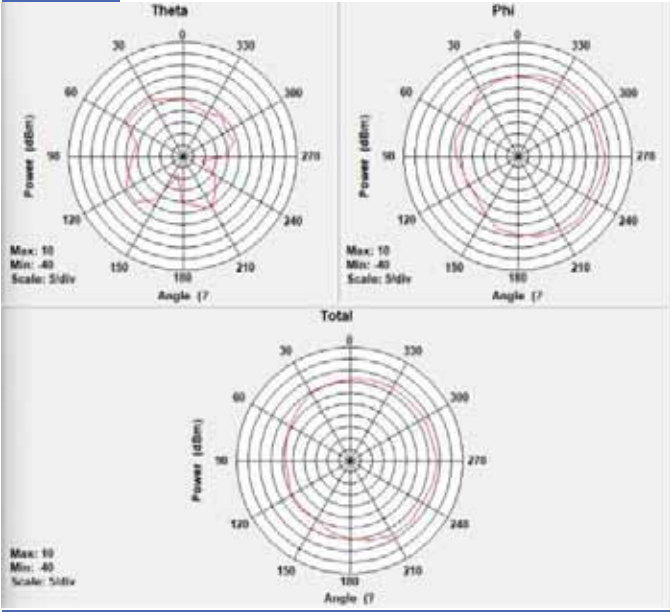
Center Frequency	2690MHz
Horizontal (dBi) peak	-8.62
Vertical (dBi) peak	-3.02

3400 MHz



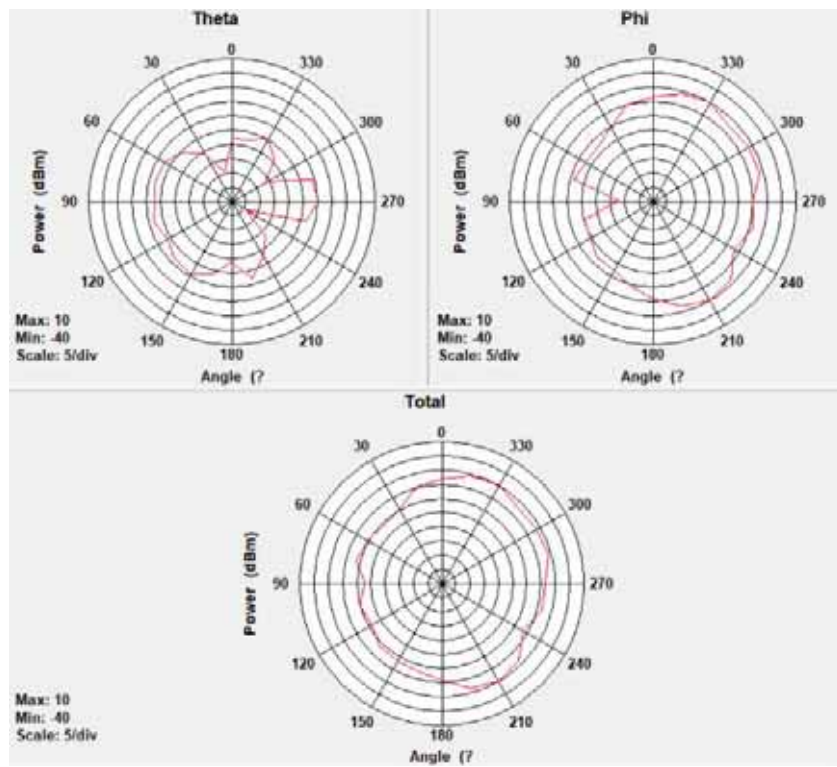
Center Frequency	3400MHz
Horizontal (dBi) peak	-10.89
Vertical (dBi) peak	-1.37

3600 MHz



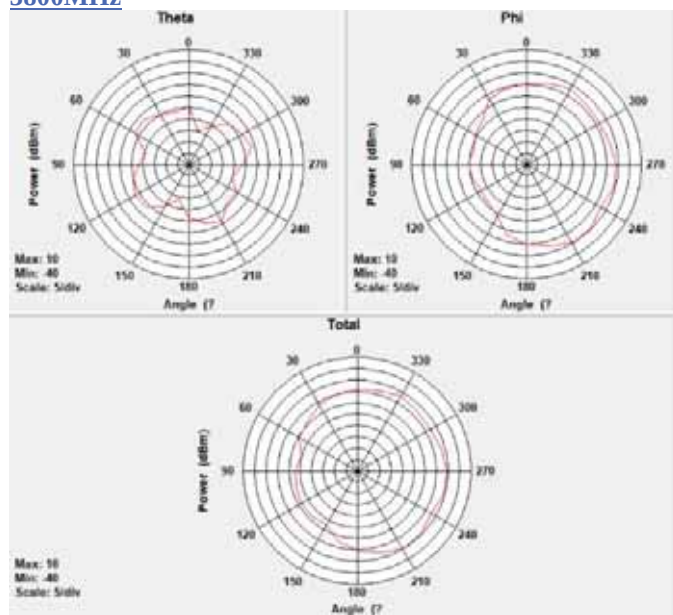
Center Frequency	3600MHz
Horizontal (dBi) peak	-11.36
Vertical (dBi) peak	-1.82

3600 MHz



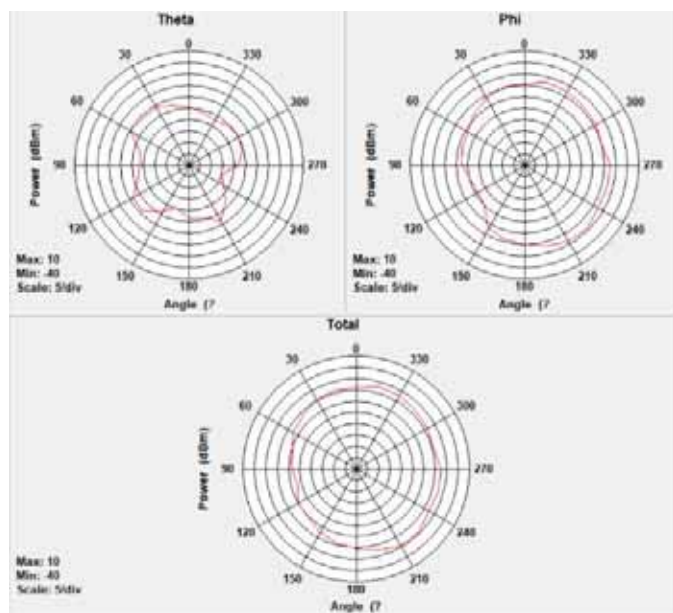
Center Frequency	3600MHz
Horizontal (dBi) peak	-11.36
Vertical (dBi) peak	-1.82

3800MHz



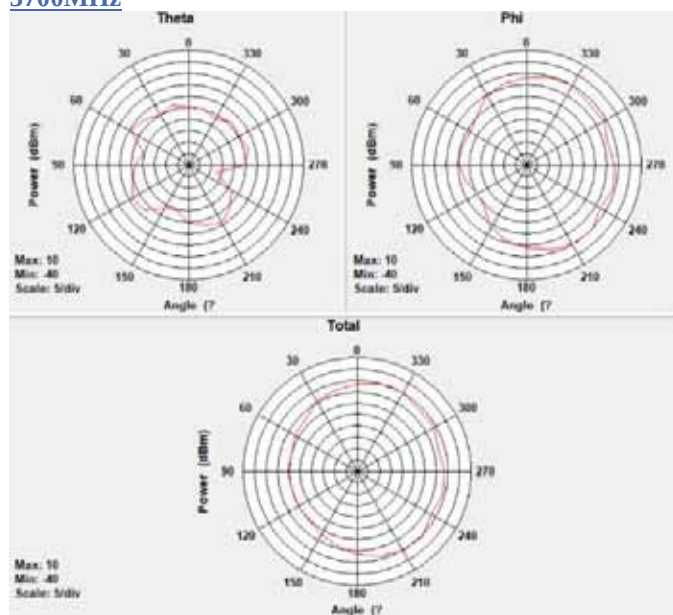
Center Frequency	3800MHz
Horizontal (dBi) peak	-11.43
Vertical (dBi) peak	-0.87

3550 MHz



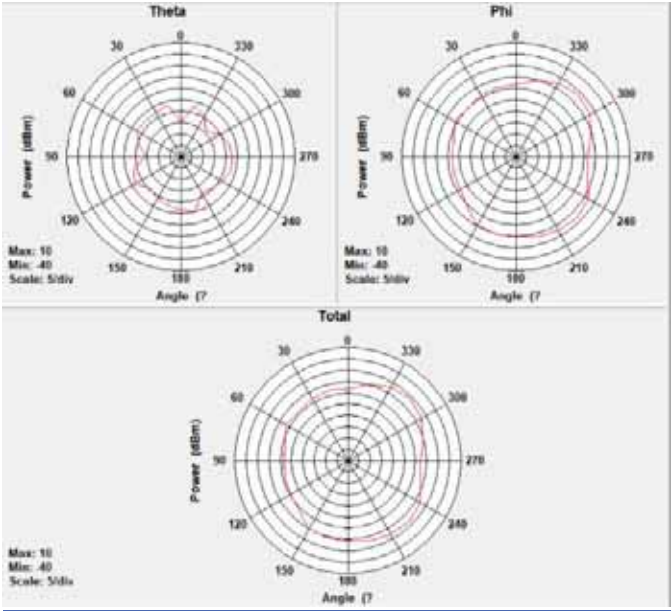
Center Frequency	3550MHz
Horizontal (dBi) peak	-10.56
Vertical (dBi) peak	-1.23

3700MHz



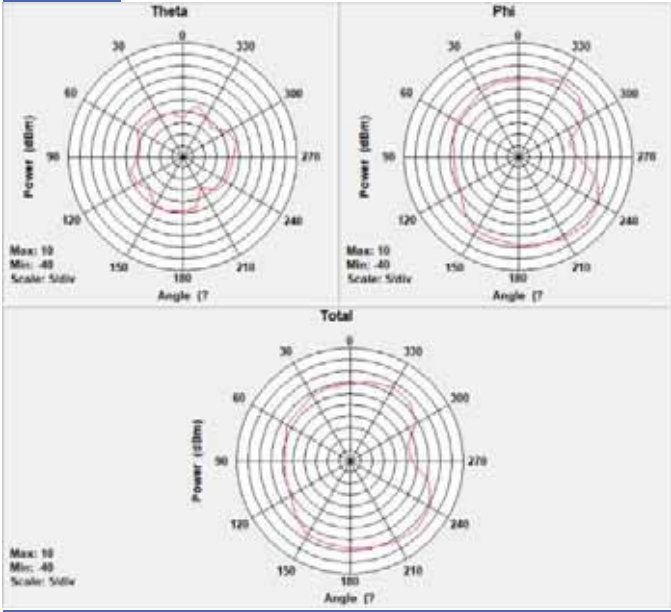
Center Frequency	3700MHz
Horizontal (dBi) peak	-10.88
Vertical (dBi) peak	0.30

1710MHz



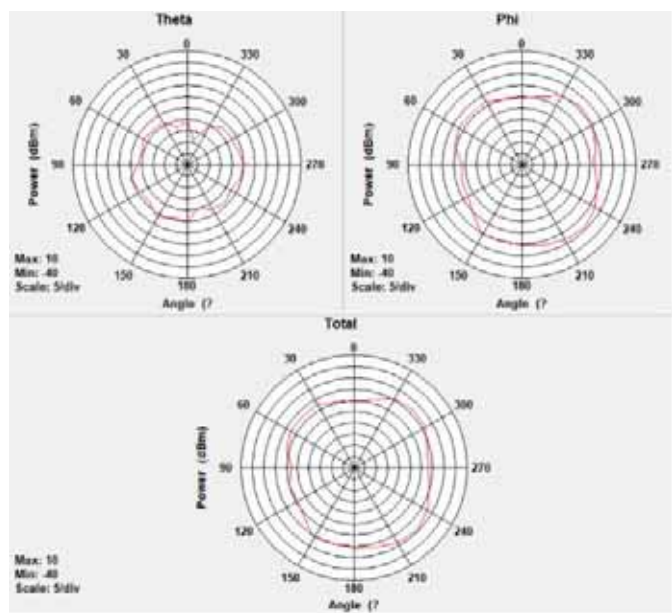
Center Frequency	1710MHz
Horizontal (dBi) peak	-15.67
Vertical (dBi) peak	-1.59

1780 MHz



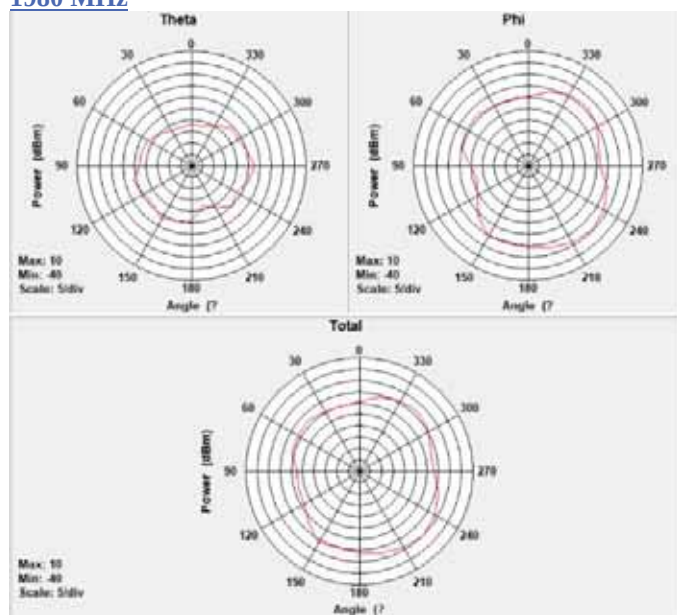
Center Frequency	1780MHz
Horizontal (dBi) peak	-15.33
Vertical (dBi) peak	1.96

1920 MHz



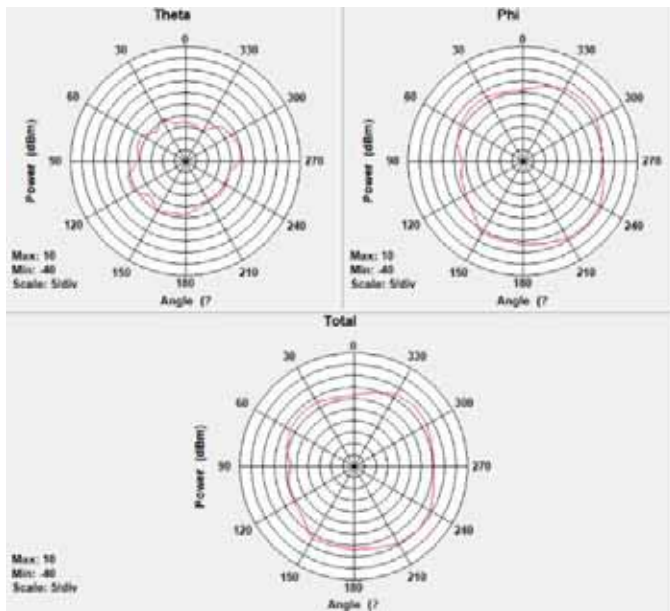
Center Frequency	1920MHz
Horizontal (dBi) peak	-13.61
Vertical (dBi) peak	-1.38

1980 MHz



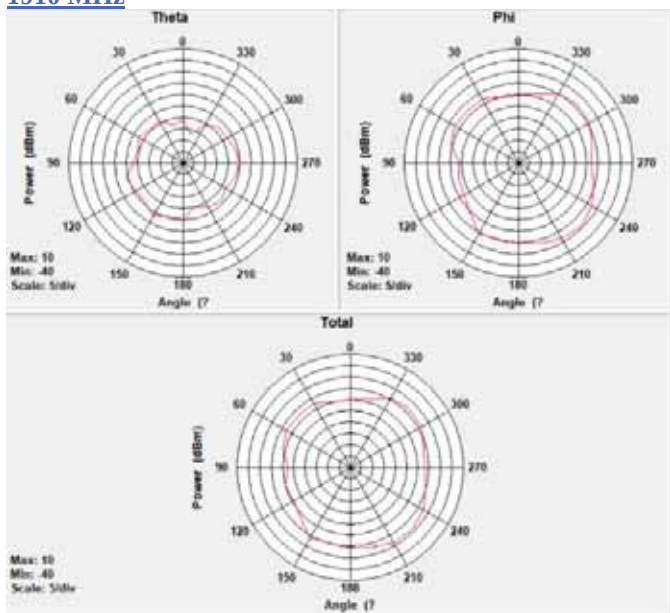
Center Frequency	1980MHz
Horizontal (dBi) peak	-12.85
Vertical (dBi) peak	-0.63

1850 MHz



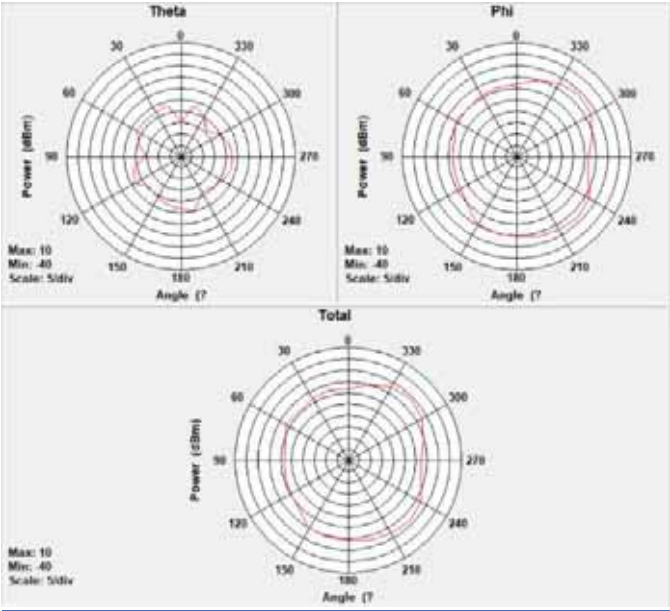
Center Frequency	1850MHz
Horizontal (dBi) peak	-14.28
Vertical (dBi) peak	-0.51

1910 MHz



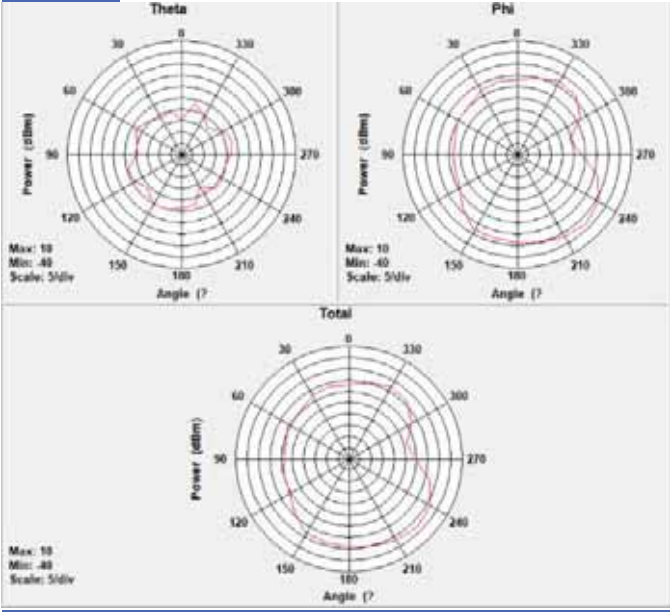
Center Frequency	1910MHz
Horizontal (dBi) peak	-13.70
Vertical (dBi) peak	-1.68

1710 MHz



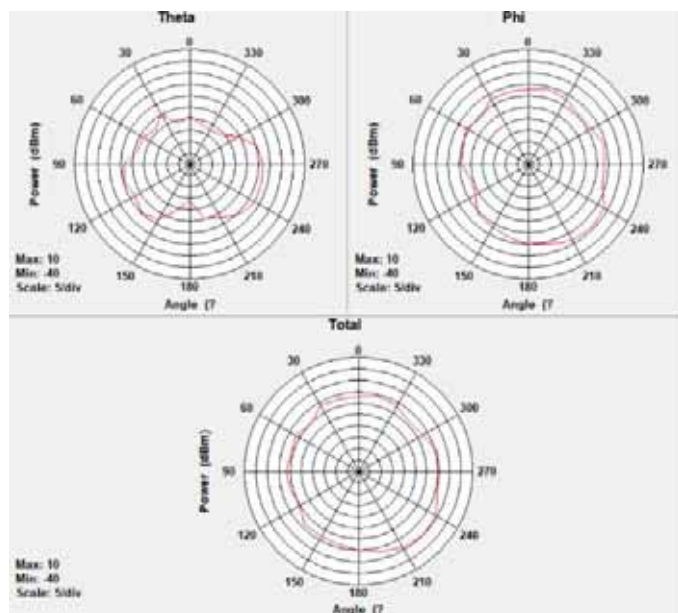
Center Frequency	1710MHz
Horizontal (dBi) peak	-15.67
Vertical (dBi) peak	-1.59

1785 MHz



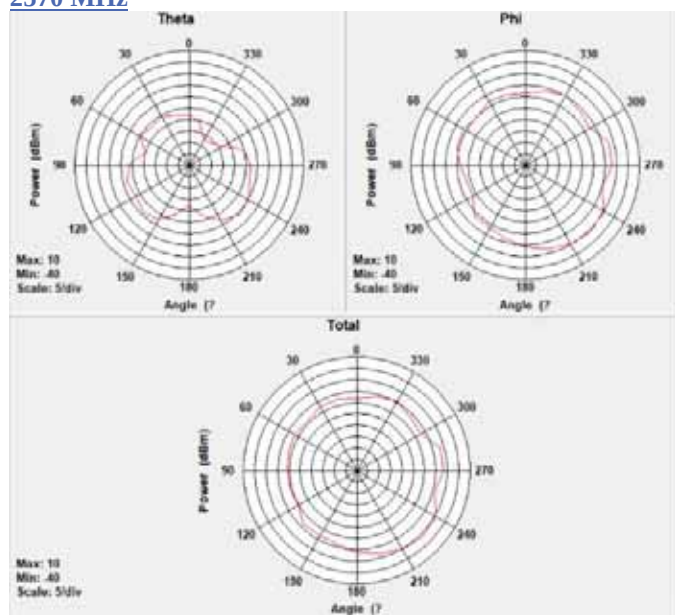
Center Frequency	1785MHz
Horizontal (dBi) peak	-15.29
Vertical (dBi) peak	2.33

2500 MHz



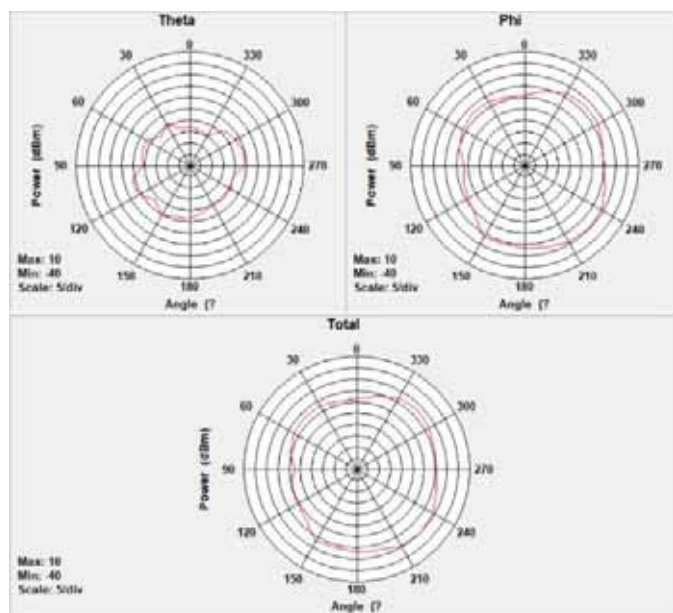
Center Frequency	2500MHz
Horizontal (dBi) peak	-7.42
Vertical (dBi) peak	-1.13

2570 MHz



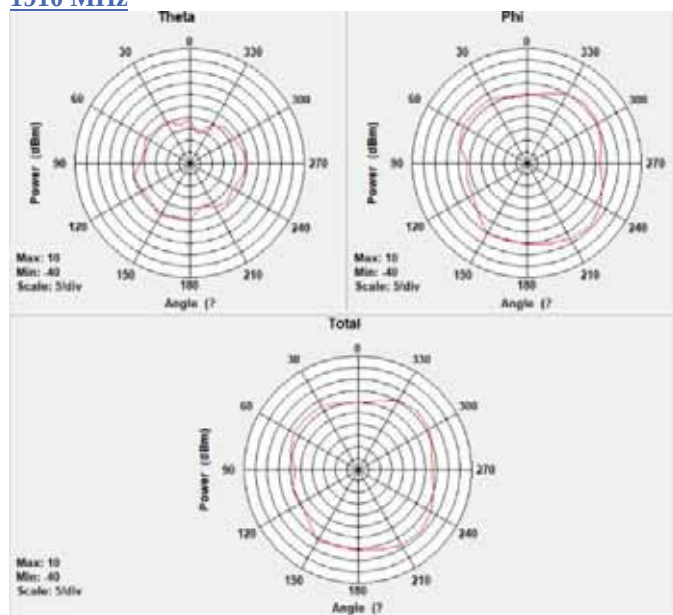
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.30
Vertical (dBi) peak	0.30

1850 MHz



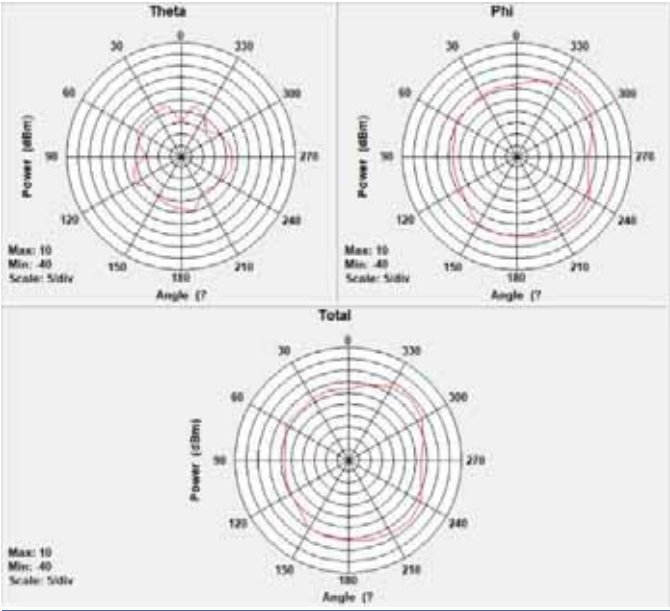
Center Frequency	1850MHz
Horizontal (dBi) peak	-14.28
Vertical (dBi) peak	-0.51

1910 MHz



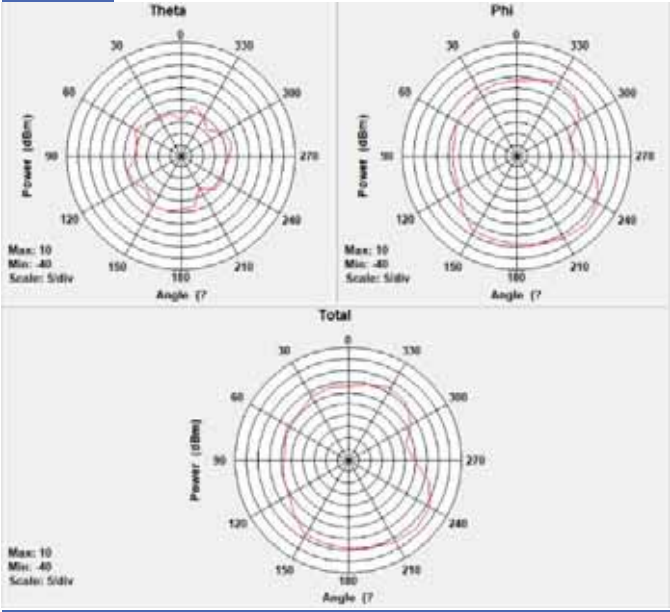
Center Frequency	1910MHz
Horizontal (dBi) peak	-13.70
Vertical (dBi) peak	-1.68

1710 MHz



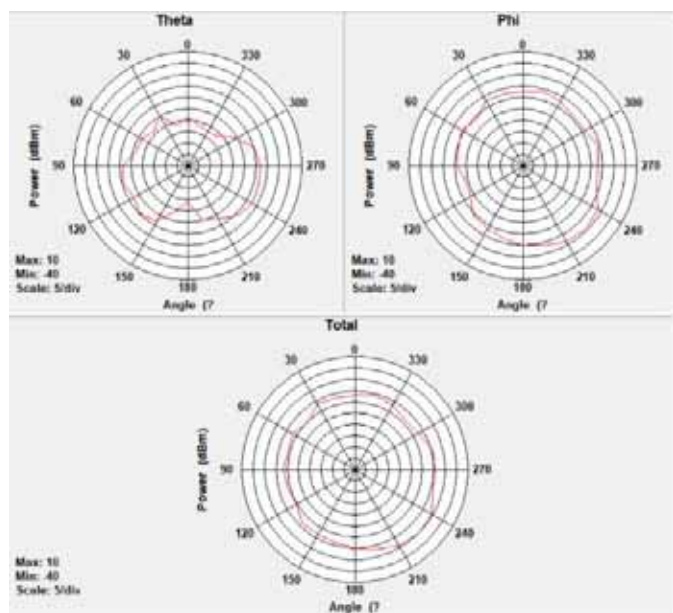
Center Frequency	1710MHz
Horizontal (dBi) peak	-15.67
Vertical (dBi) peak	-1.59

1785MHz



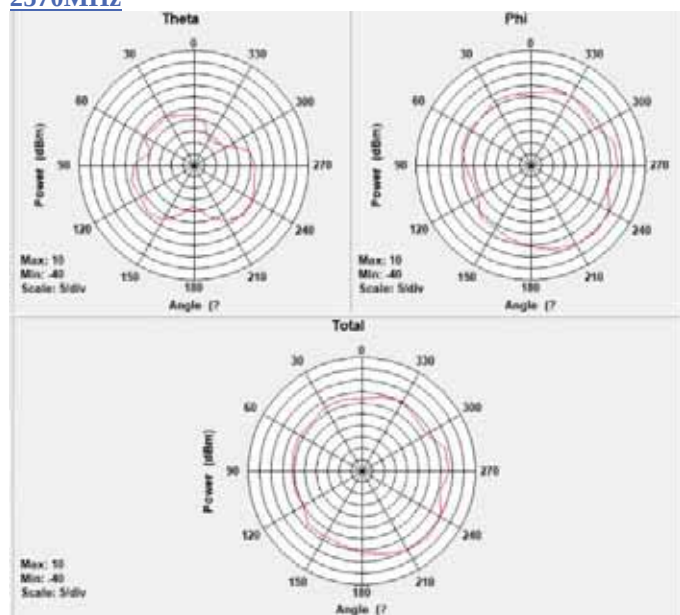
Center Frequency	1785MHz
Horizontal (dBi) peak	-15.29
Vertical (dBi) peak	2.33

2500 MHz



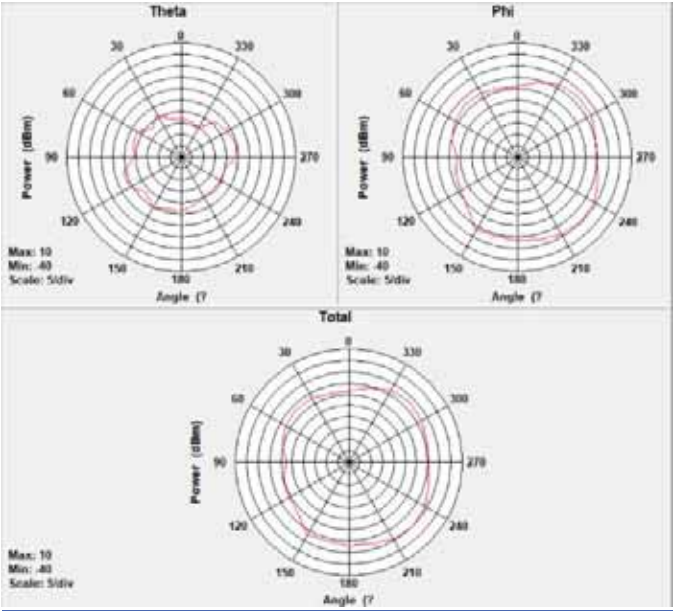
Center Frequency	2500MHz
Horizontal (dBi) peak	-7.42
Vertical (dBi) peak	-1.13

2570MHz



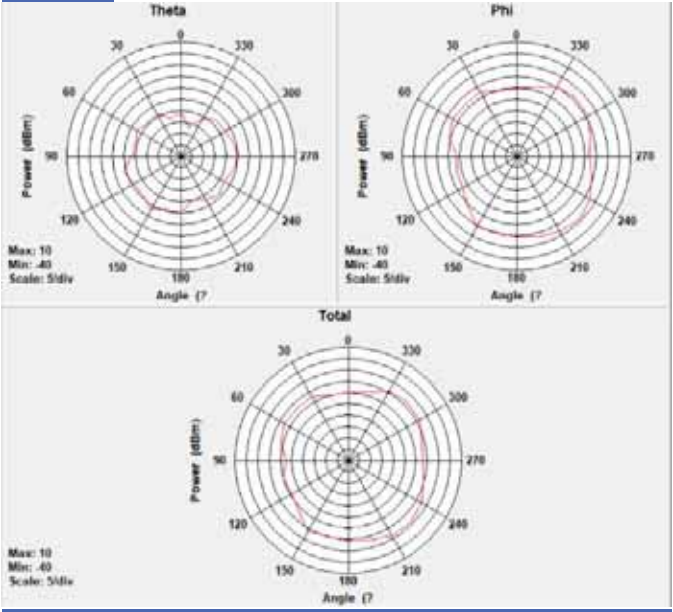
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.30
Vertical (dBi) peak	0.30

1850MHz



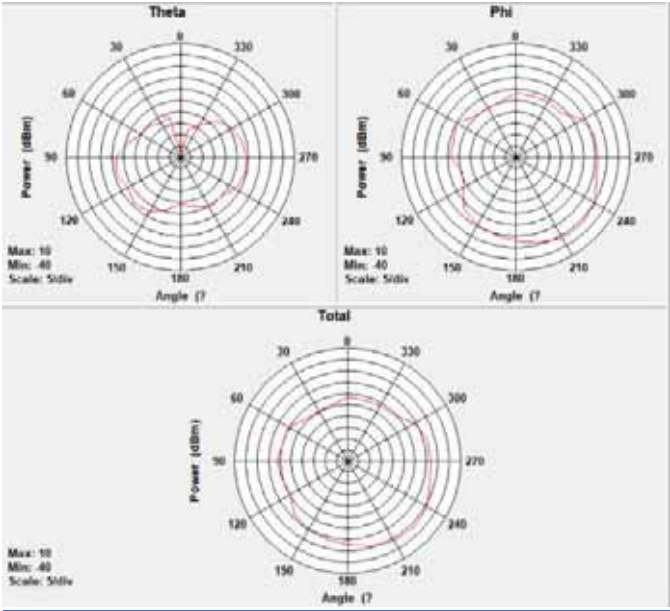
Center Frequency	1850MHz
Horizontal (dBi) peak	-14.28
Vertical (dBi) peak	-0.51

1915MHz



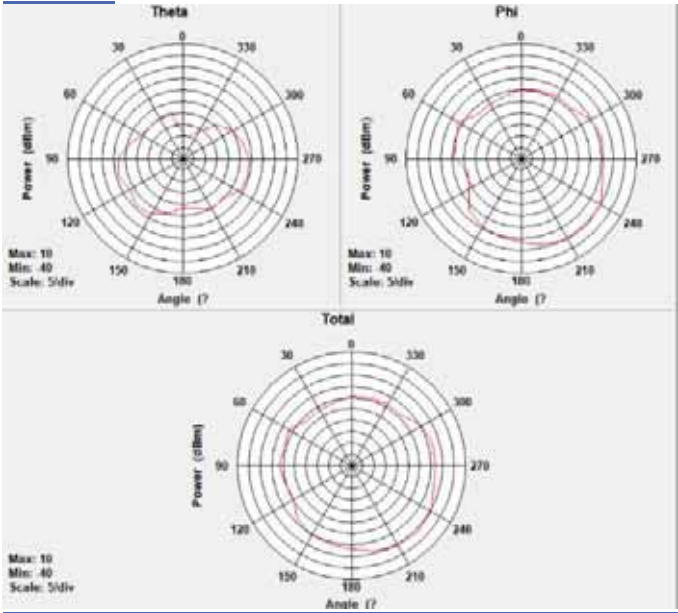
Center Frequency	1915MHz
Horizontal (dBi) peak	-13.74
Vertical (dBi) peak	-1.55

2305MHz



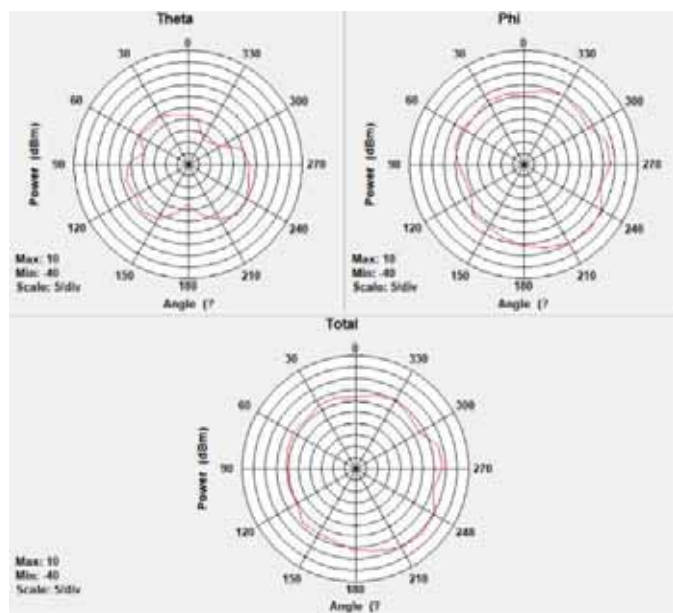
Center Frequency	2305MHz
Horizontal (dBi) peak	-10.96
Vertical (dBi) peak	0.92

2315MHz



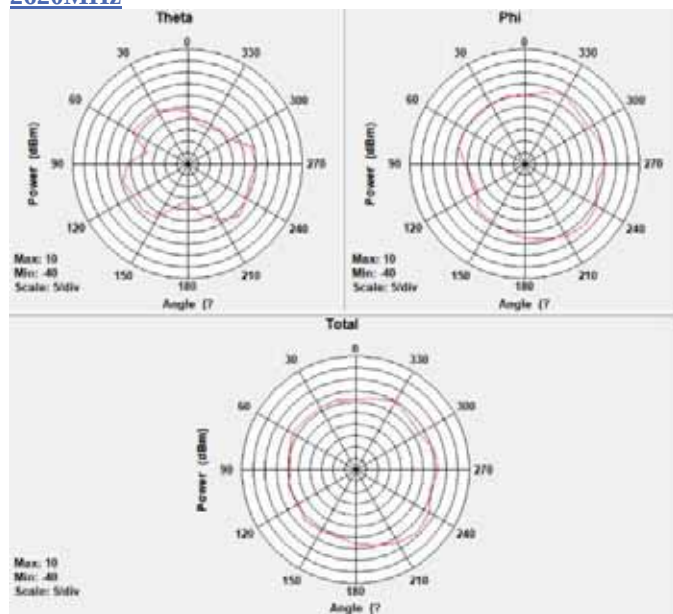
Center Frequency	2315MHz
Horizontal (dBi) peak	-10.73
Vertical (dBi) peak	0.46

2570MHz



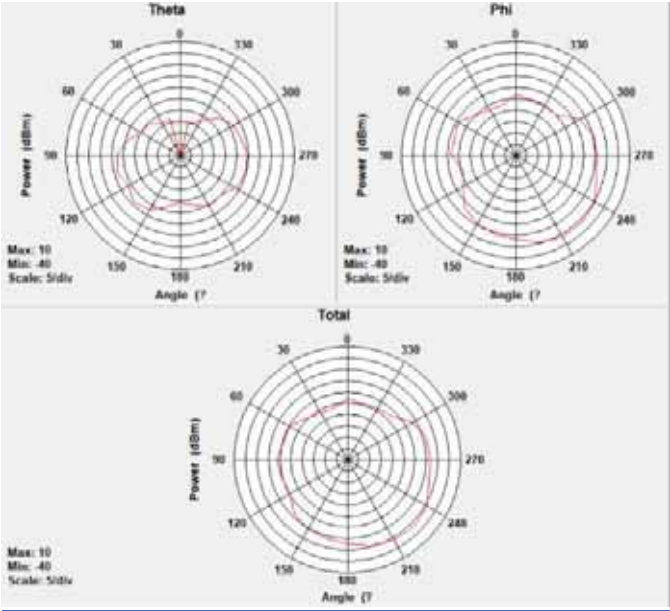
Center Frequency	2570MHz
Horizontal (dBi) peak	-9.30
Vertical (dBi) peak	0.30

2620MHz



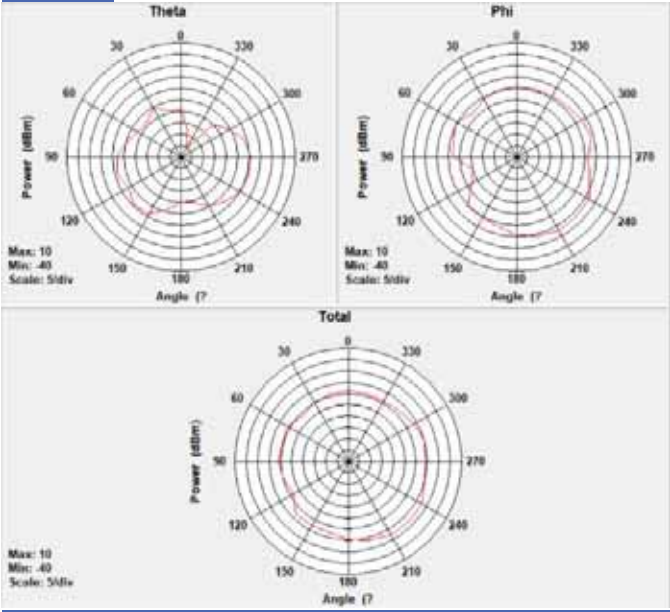
Center Frequency	2620MHz
Horizontal (dBi) peak	-8.22
Vertical (dBi) peak	-2.72

2300MHz



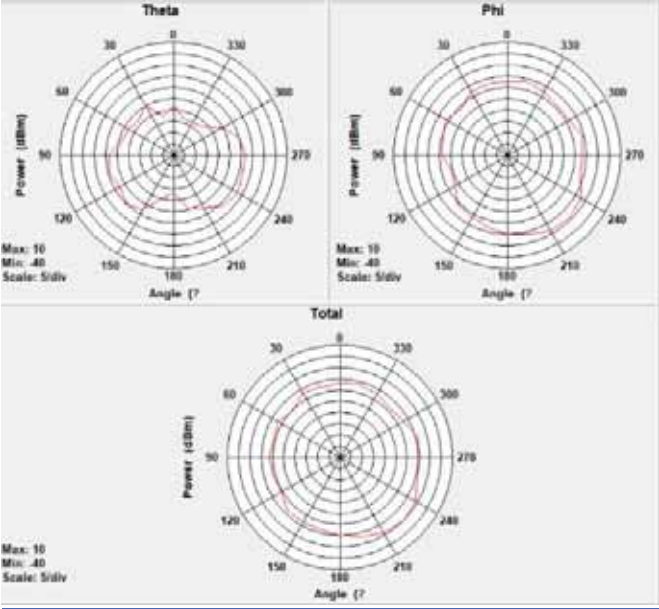
Center Frequency	2300MHz
Horizontal (dBi) peak	-10.70
Vertical (dBi) peak	0.92

2400MHz



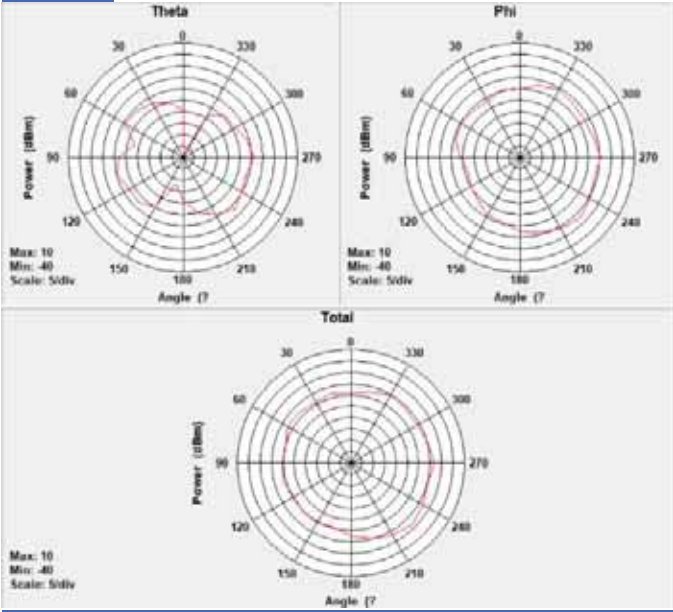
Center Frequency	2400MHz
Horizontal (dBi) peak	-9.60
Vertical (dBi) peak	-3.11

2496MHz



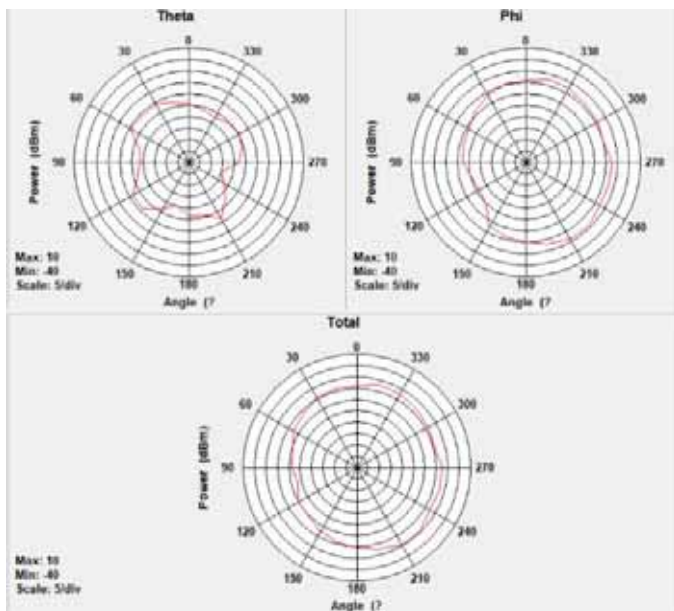
Center Frequency	2496MHz
Horizontal (dBi) peak	-7.45
Vertical (dBi) peak	-1.30

2690MHz



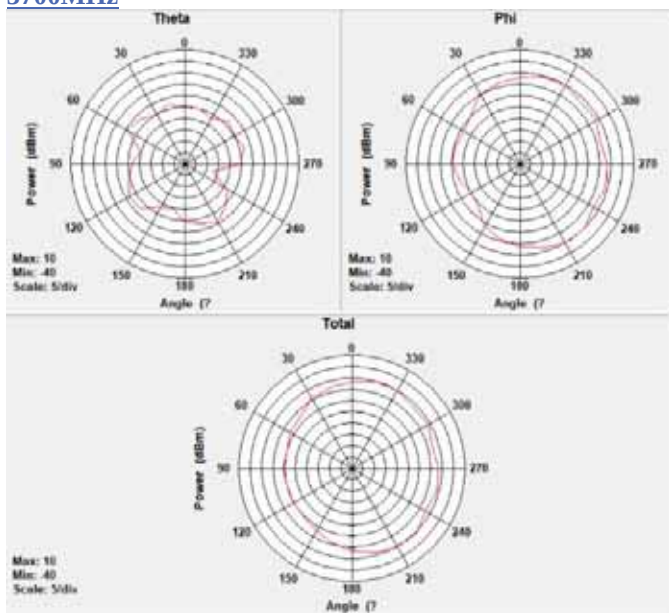
Center Frequency	2690MHz
Horizontal (dBi) peak	-8.62
Vertical (dBi) peak	-3.01

3550MHz



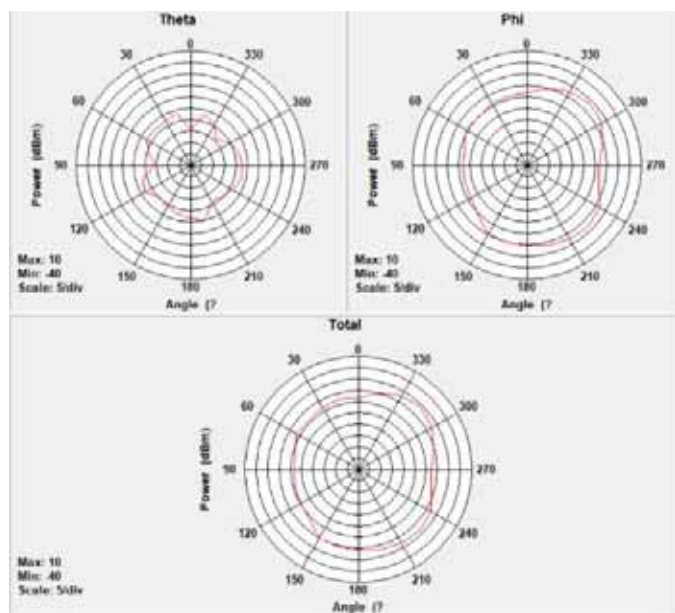
Center Frequency	3550MHz
Horizontal (dBi) peak	-10.56
Vertical (dBi) peak	-1.23

3700MHz



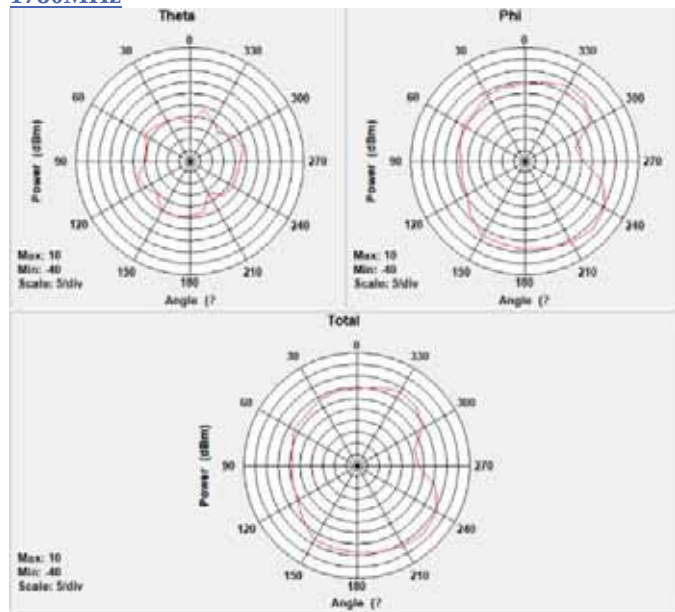
Center Frequency	3700MHz
Horizontal (dBi) peak	-10.88
Vertical (dBi) peak	-0.30

1710MHz



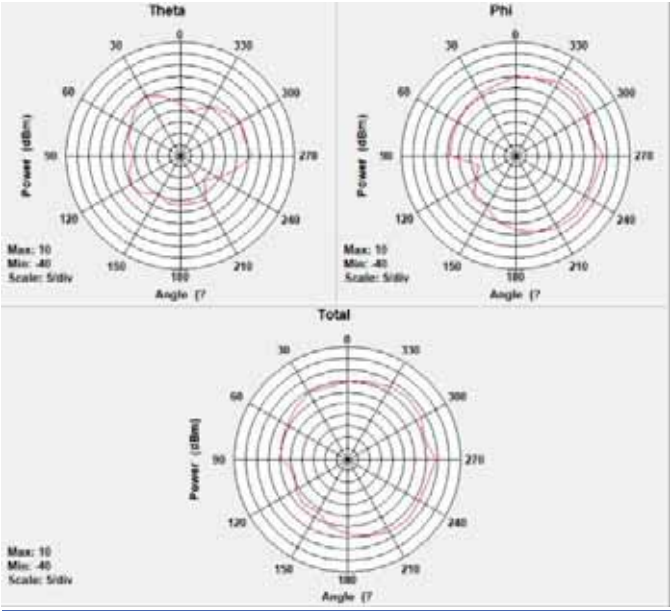
Center Frequency	1710MHz
Horizontal (dBi) peak	-15.67
Vertical (dBi) peak	-1.59

1780MHz



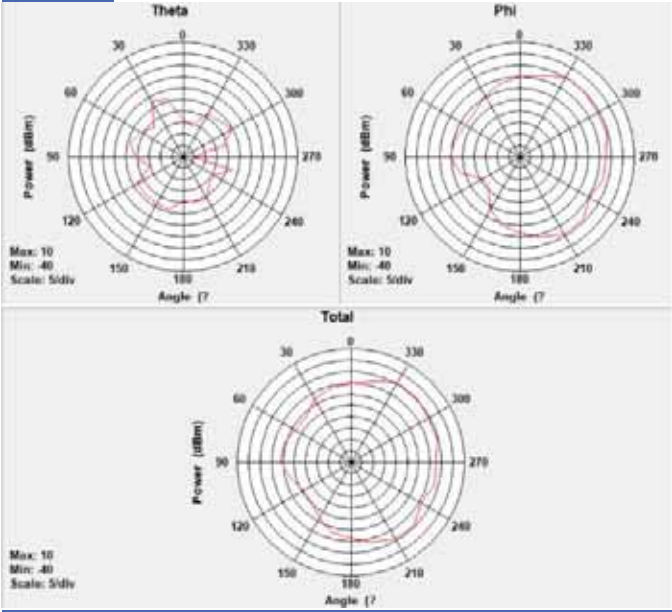
Center Frequency	1780MHz
Horizontal (dBi) peak	-15.33
Vertical (dBi) peak	1.95

3300MHz



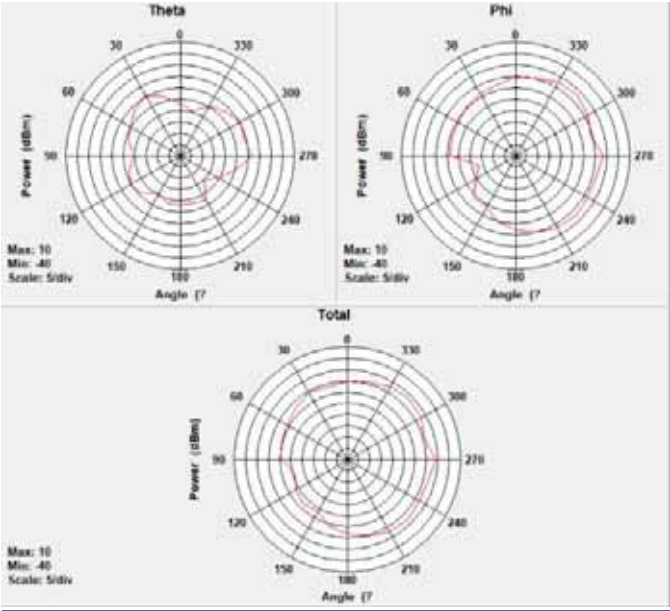
Center Frequency	3300MHz
Horizontal (dBi) peak	-8.97
Vertical (dBi) peak	-2.01

4200MHz



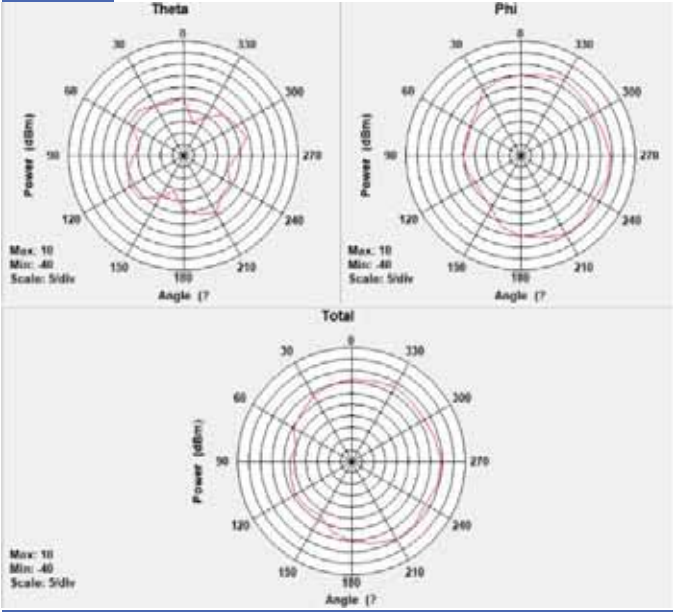
Center Frequency	4200MHz
Horizontal (dBi) peak	-12.53
Vertical (dBi) peak	0.22

3300MHz



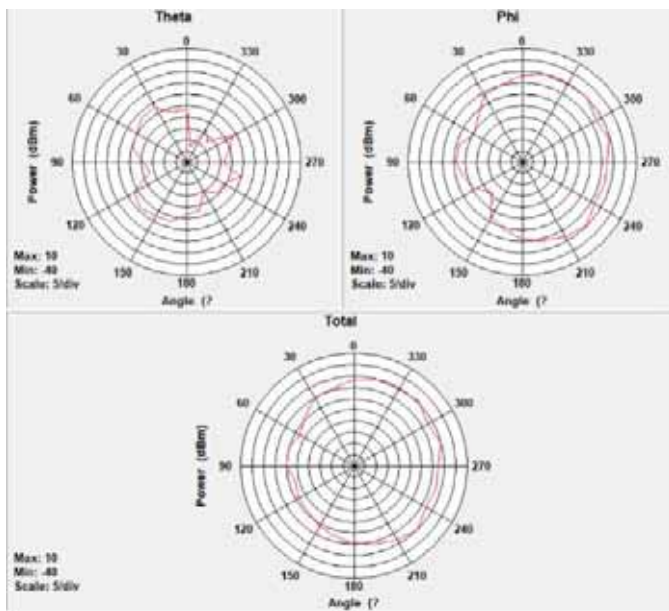
Center Frequency	3300MHz
Horizontal (dBi) peak	-8.97
Vertical (dBi) peak	-2.01

3800MHz



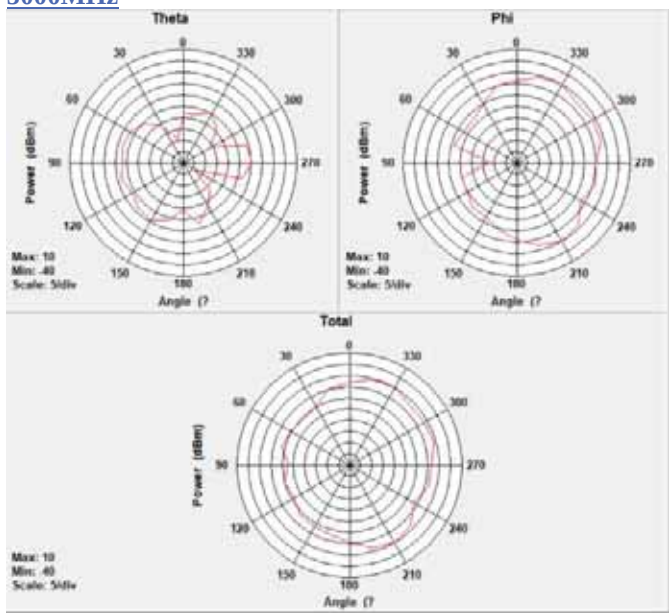
Center Frequency	3800MHz
Horizontal (dBi) peak	-11.43
Vertical (dBi) peak	-0.87

4400MHz



Center Frequency	4400MHz
Horizontal (dBi) peak	-11.75
Vertical (dBi) peak	-0.14

5000MHz



Center Frequency	5000MHz
Horizontal (dBi) peak	-10.13
Vertical (dBi) peak	-0.46