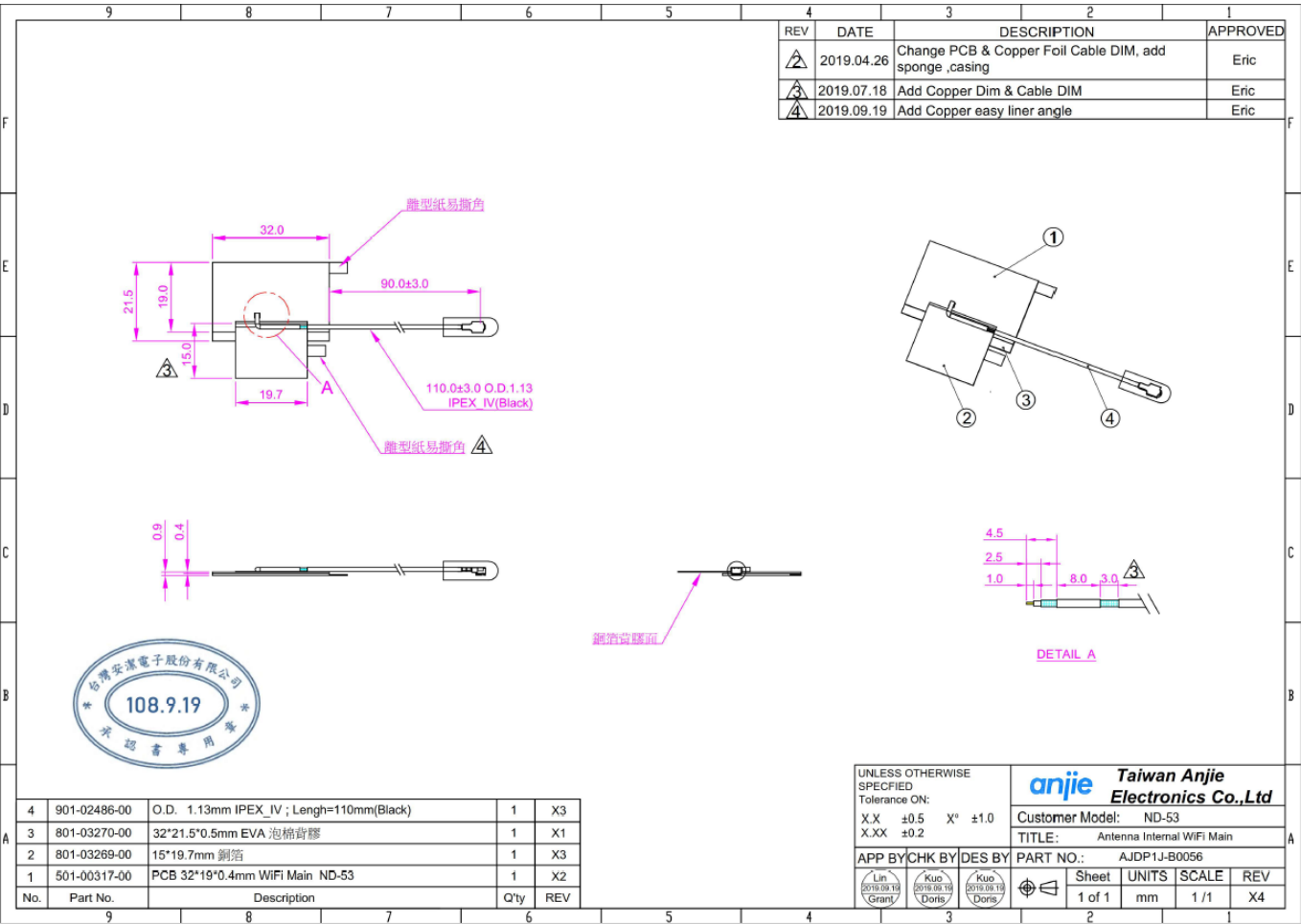


WLAN Antenna Information

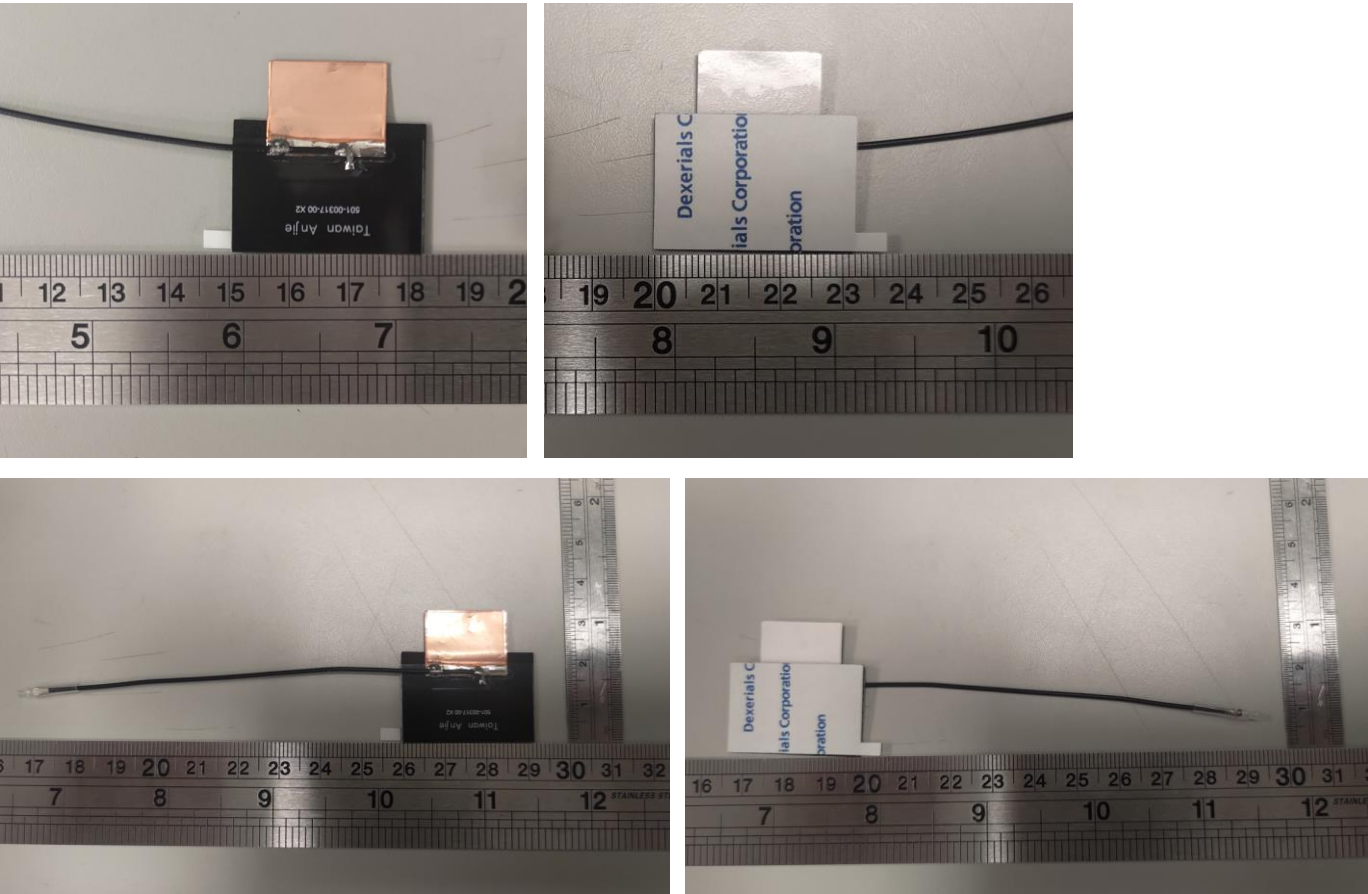
Platform information							
Brand		Product Name		Model Number			
MSI		Rugged Tablet Computer		TB1185			
Antenna information				Peak gain w/ cable loss (dBi)			
Vendor	Type	Antenna Part number	Antenna Part number	2.4GHz	5.2&5.3GHz	5.5GHz	5.8GHz
		(Main)	(Aux)	2400-2500MHz	5150-5350MHz	5470-5725MHz	5725-5850MHz
Anji	PIFA	OS7-ND53004-000	OS7-ND53003-000	2.8	2.85	3.21	3.13

Section 1. Dimensioned Photos or Drawings of Antennas

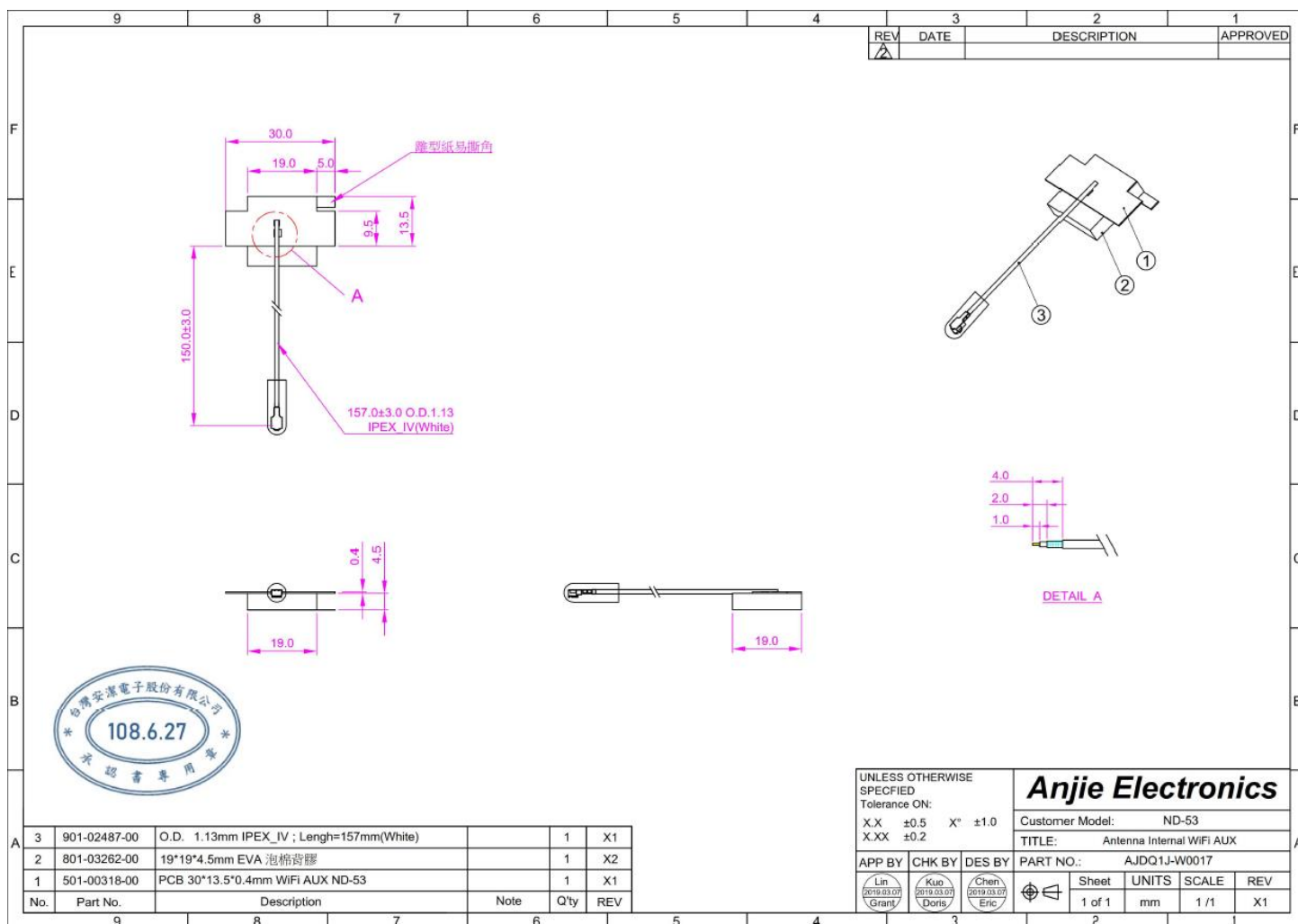
Main Antenna Dimensioned Drawing:



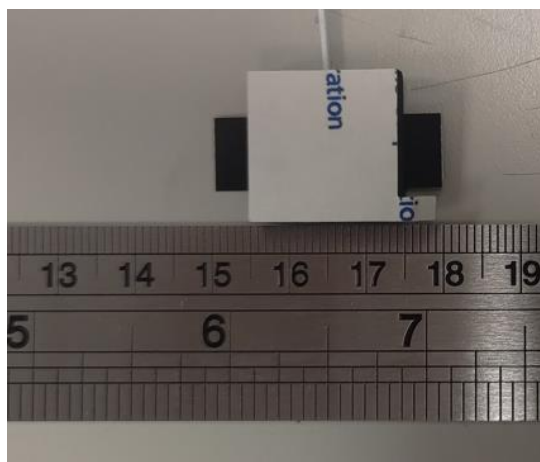
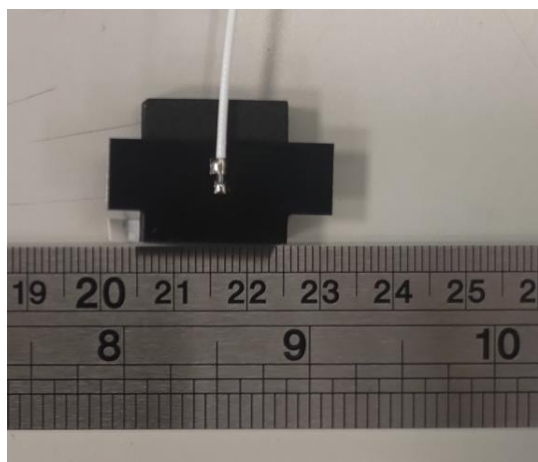
Main Antenna Photo:



Aux Antenna Dimensioned Drawing:



Aux Antenna Photo:



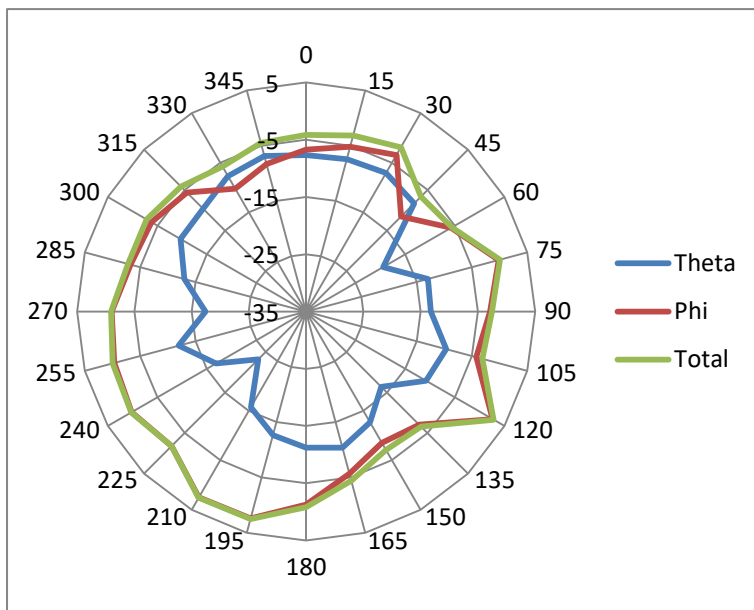
Section 2. Radiation characteristics of antennae Loaded in Host Platform

Antenna Radiation Gain Table:

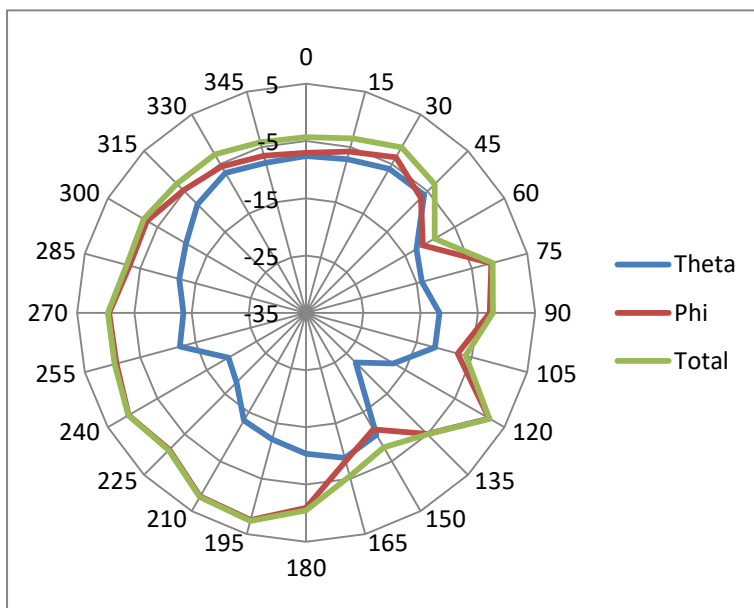
WLAN Antenna		Measured Data				
		Freq.	Efficiency (dB)		Peak Gain (dB)	
		(MHz)	Main	Aux	Main	Aux
WLAN	802.11 b/g	2400	-2.66	-2.41	2.80	1.90
		2450	-2.29	-2.59	2.62	2.13
		2500	-2.19	-2.36	0.69	2.40
	802.11 a/ac	5150	-3.36	-3.91	0.58	2.50
		5250	-3.03	-3.64	0.20	2.80
		5350	-2.69	-3.17	0.76	2.85
		5470	-2.30	-2.90	2.24	3.21
		5600	-3.15	-2.93	2.39	2.92
		5725	-2.89	-2.67	1.19	3.13
		5785	-2.32	-2.62	1.63	2.77
		5850	-2.76	-3.09	1.90	2.12

2400-2500MHz radiation characteristic

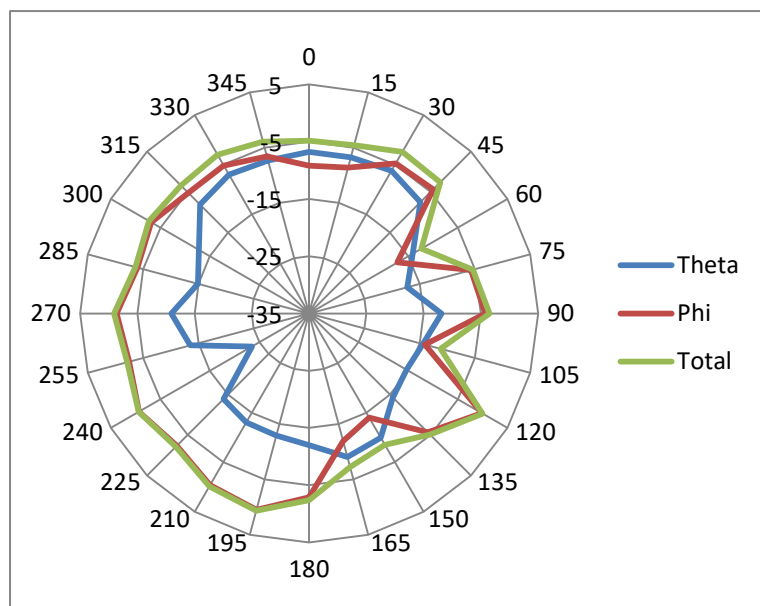
Main antenna: 2400 MHz



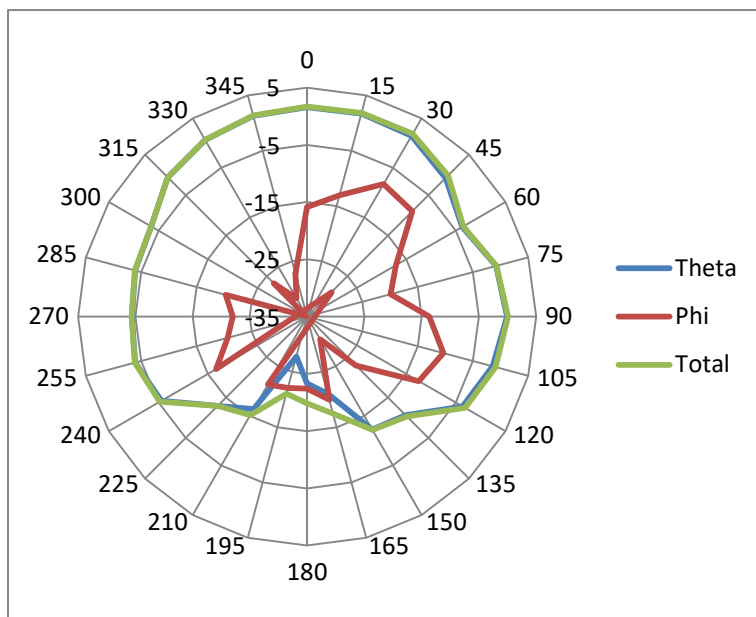
Main antenna: 2450 MHz



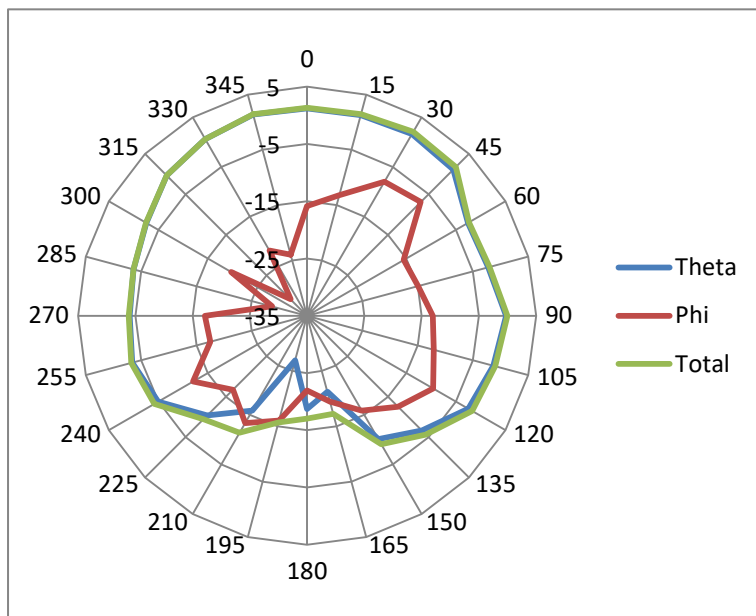
Main antenna: 2500 MHz



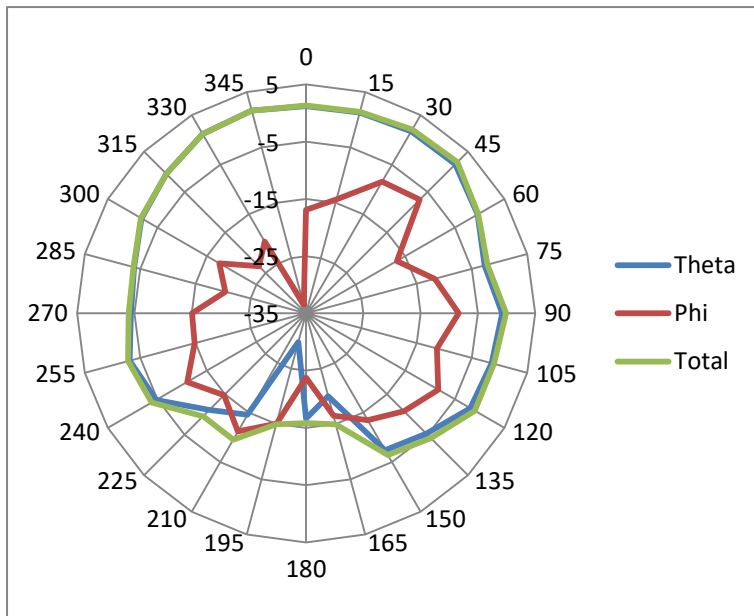
Aux antenna: 2400 MHz



Aux antenna: 2450 MHz

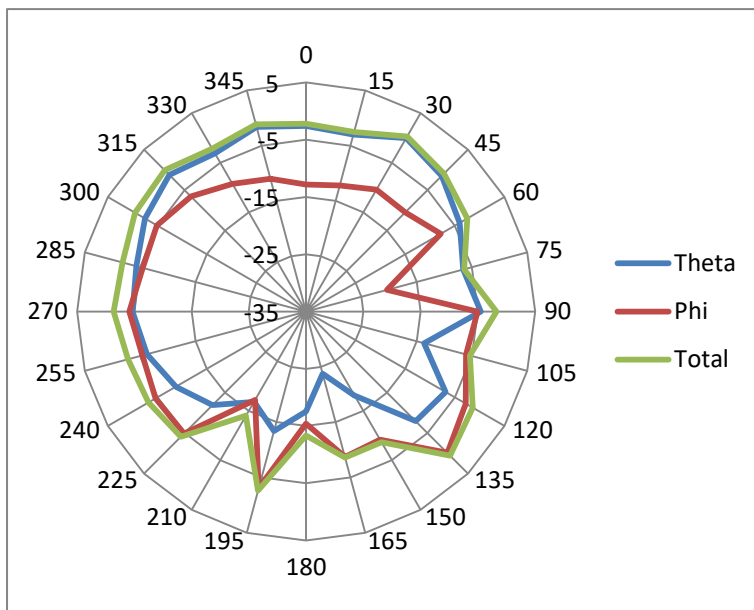


Aux antenna: 2500 MHz

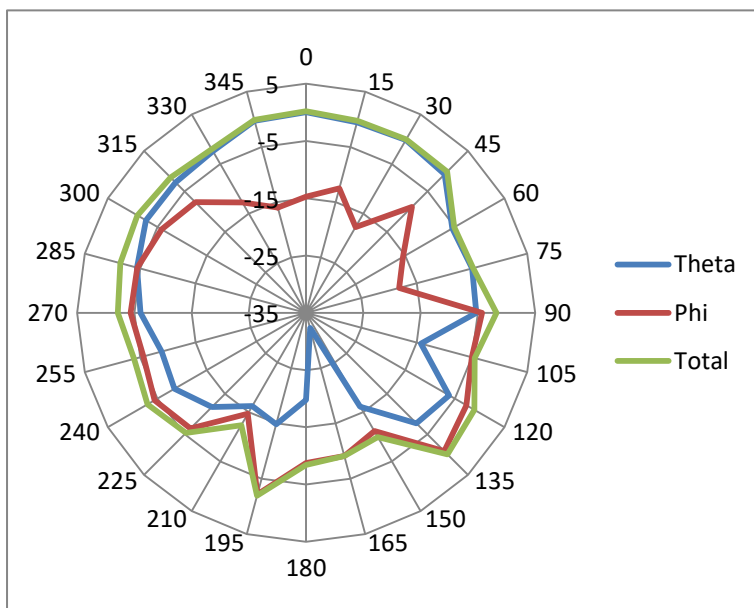


5150-5850 MHz radiation characteristic

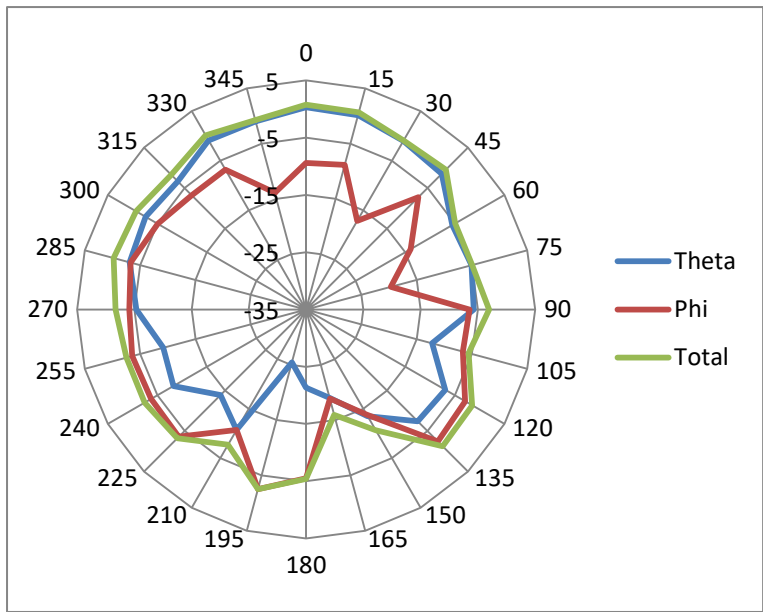
Main antenna: 5150 MHz



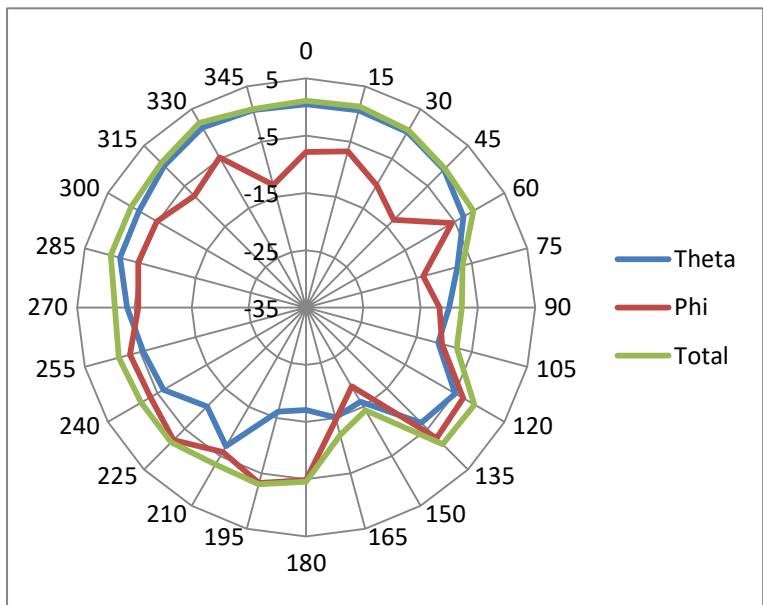
Main antenna: 5250 MHz



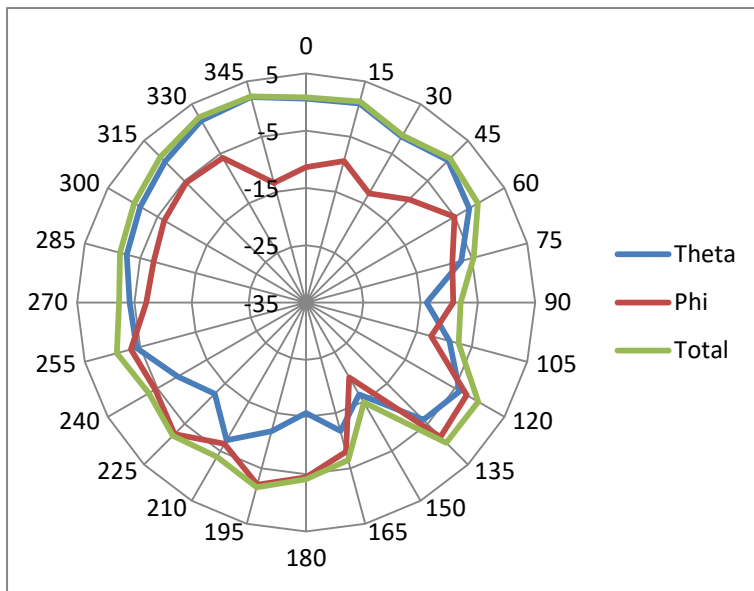
Main antenna: 5350 MHz



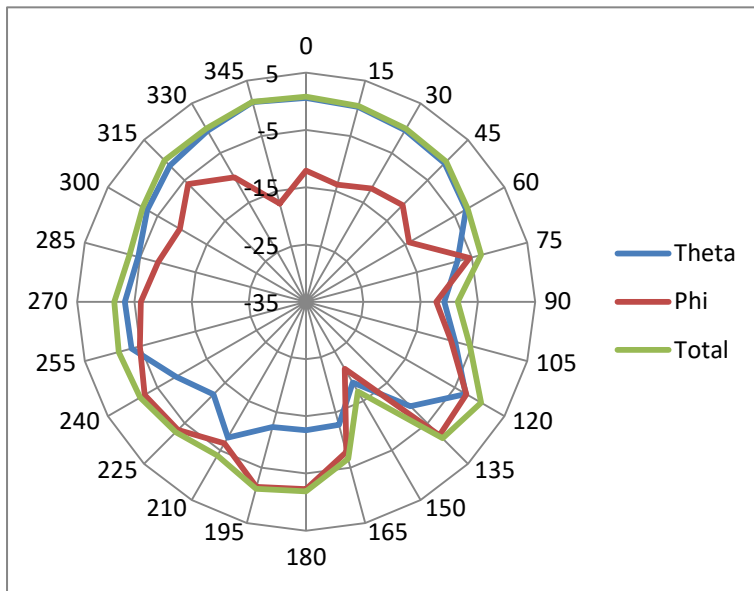
Main antenna: 5470 MHz



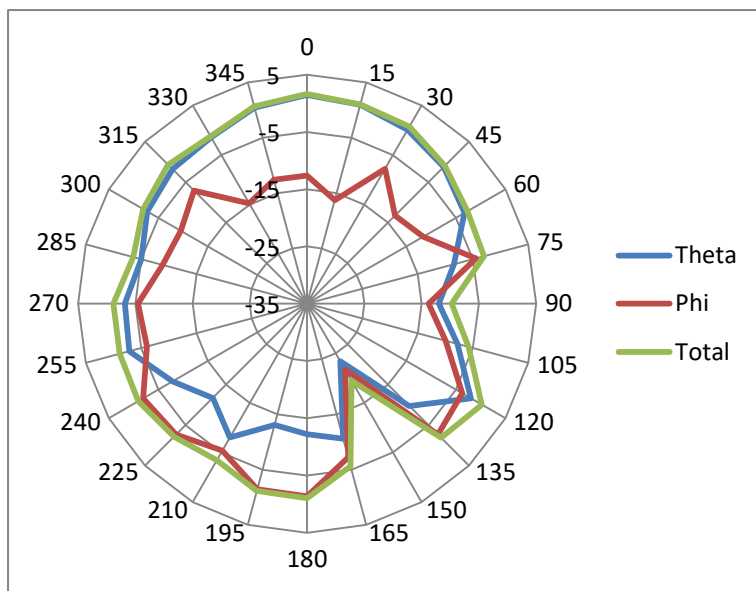
Main antenna: 5600 MHz



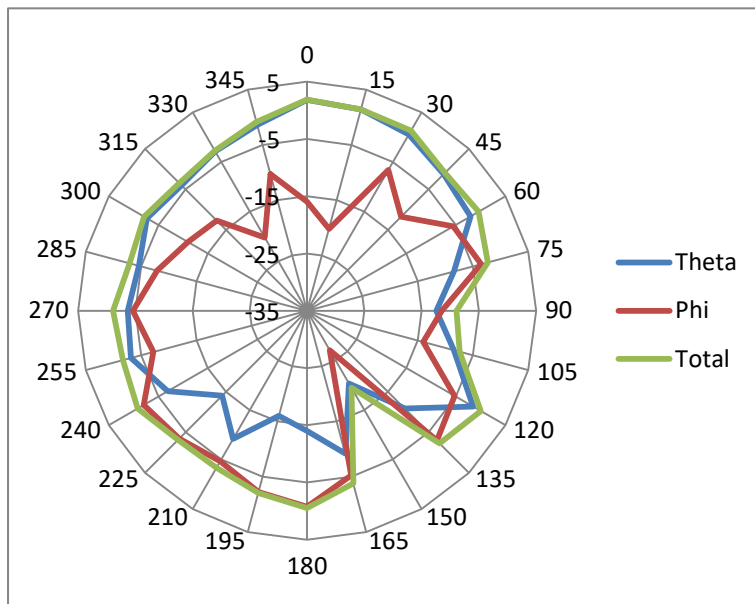
Main antenna: 5725 MHz



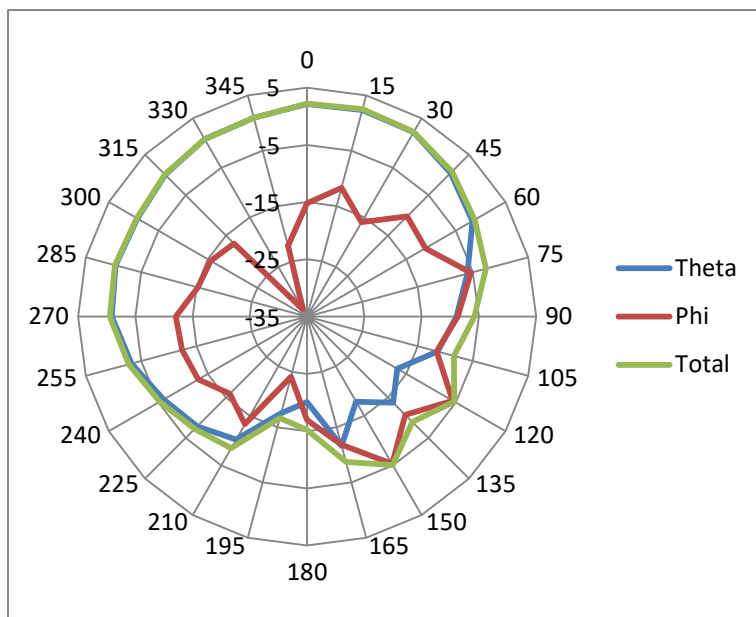
Main antenna: 5785 MHz



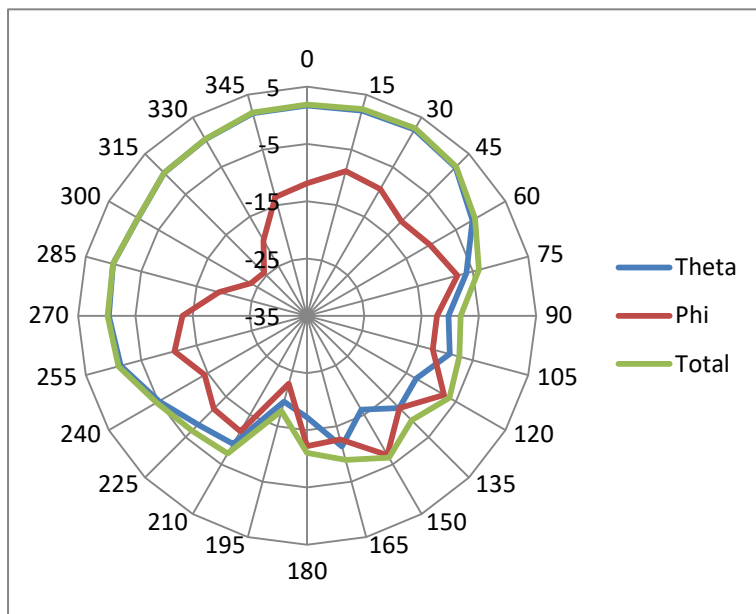
Main antenna: 5850 MHz



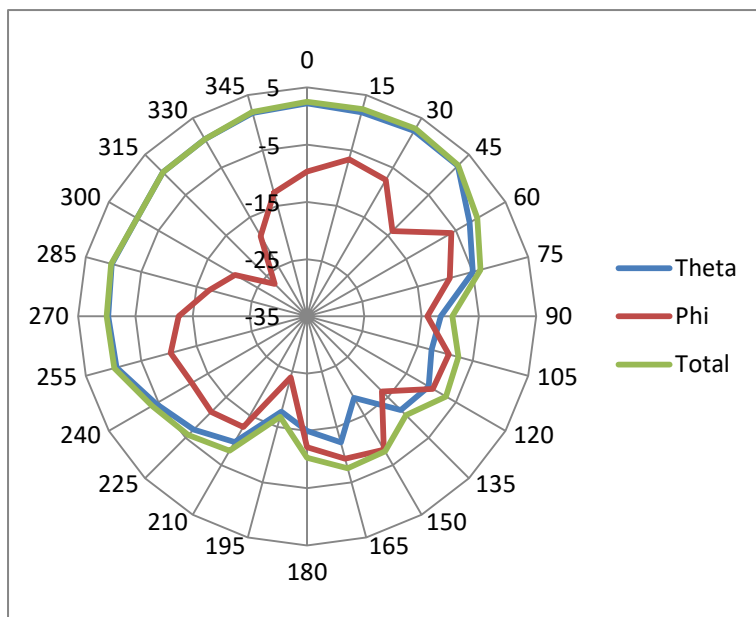
Aux antenna: 5150 MHz



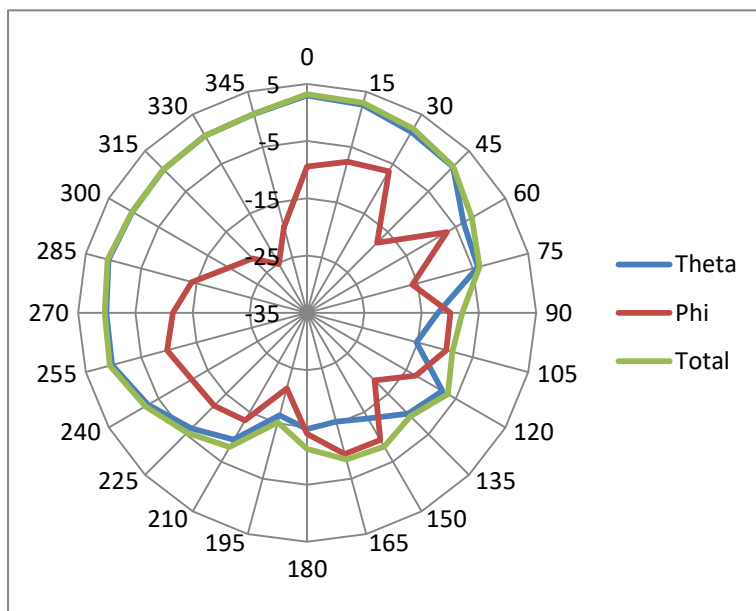
Aux antenna: 5250 MHz



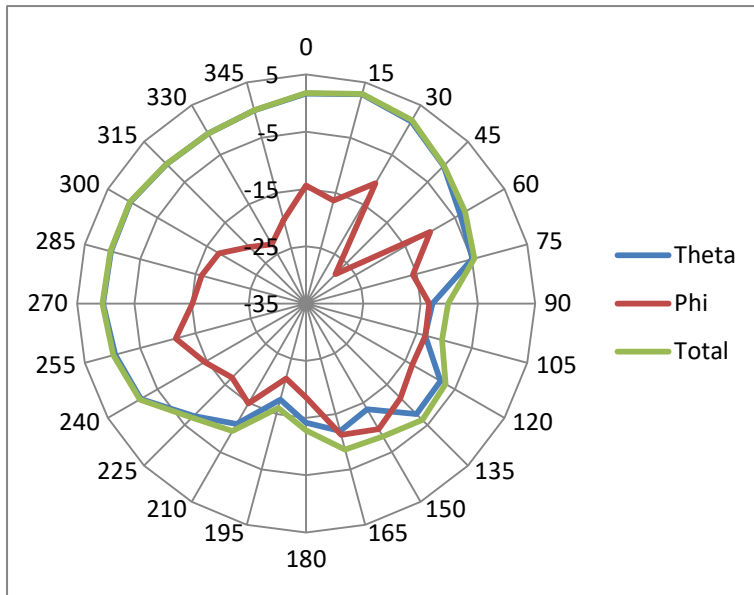
Aux antenna: 5350 MHz



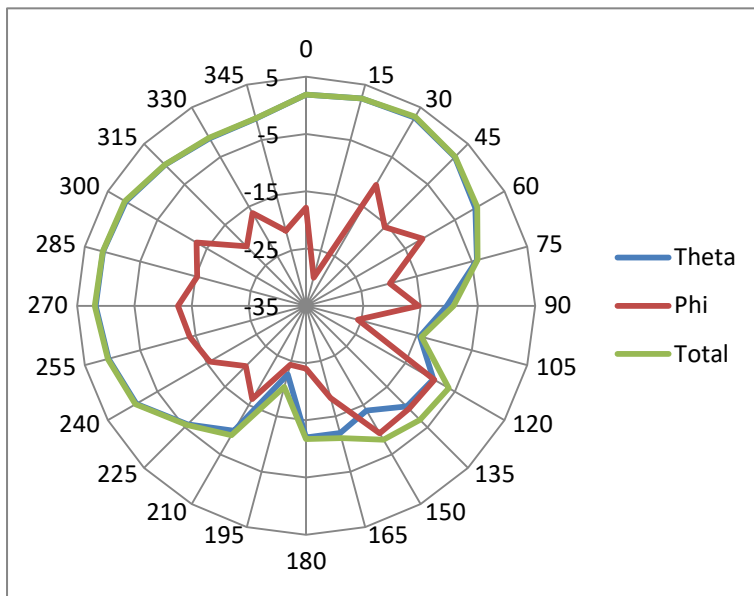
Aux antenna: 5470 MHz



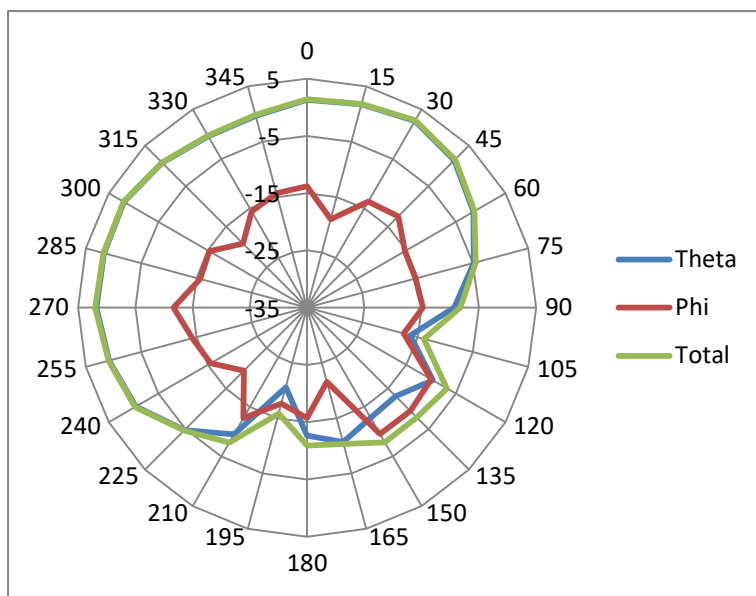
Aux antenna: 5600 MHz



Aux antenna: 5725 MHz



Aux antenna: 5785 MHz



Aux antenna: 5850 MHz

