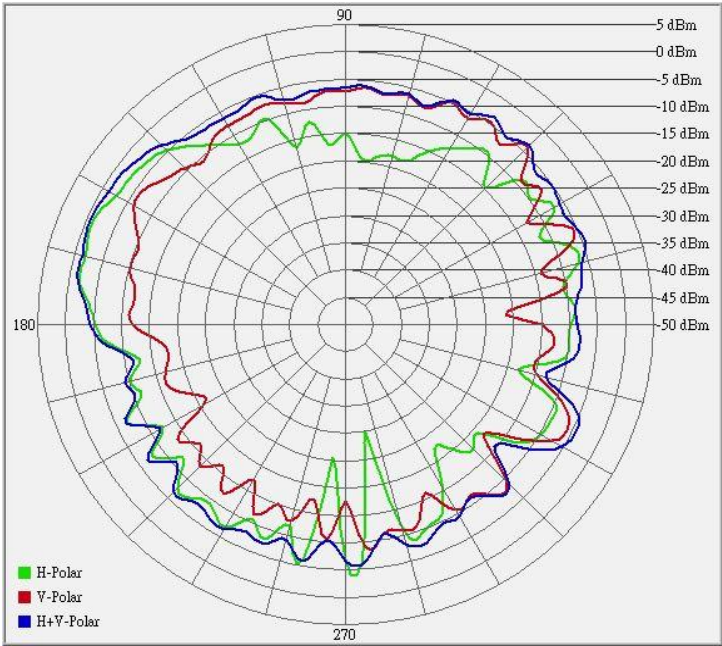
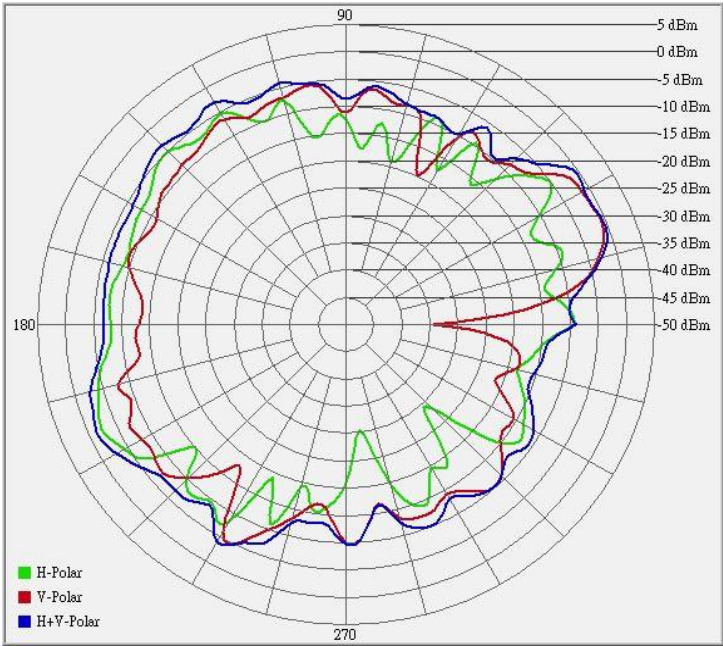


TX1 antenna: 5350 MHz



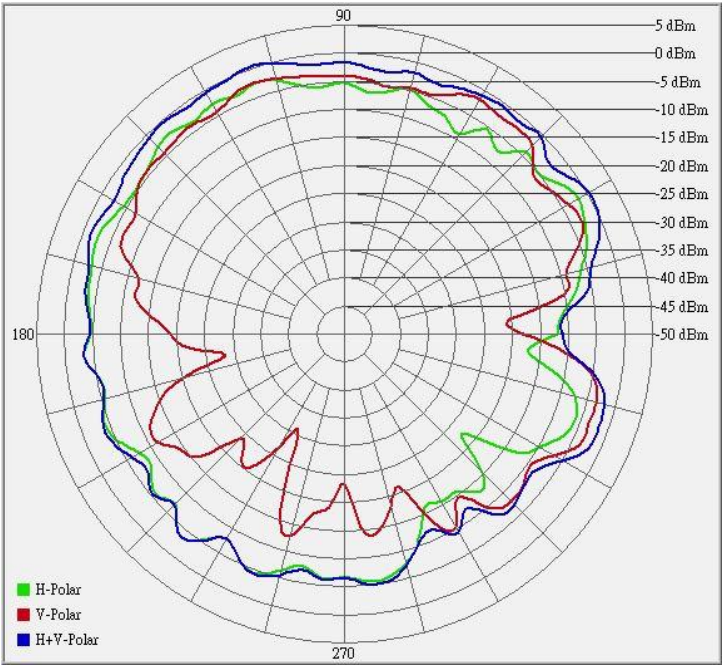
Center Frequency	5350 MHz
Horizontal (dBi) peak	-1.26
Vertical (dBi) peak	-3.86

Tx2 (or Rx2) antenna: **5150 MHz** (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



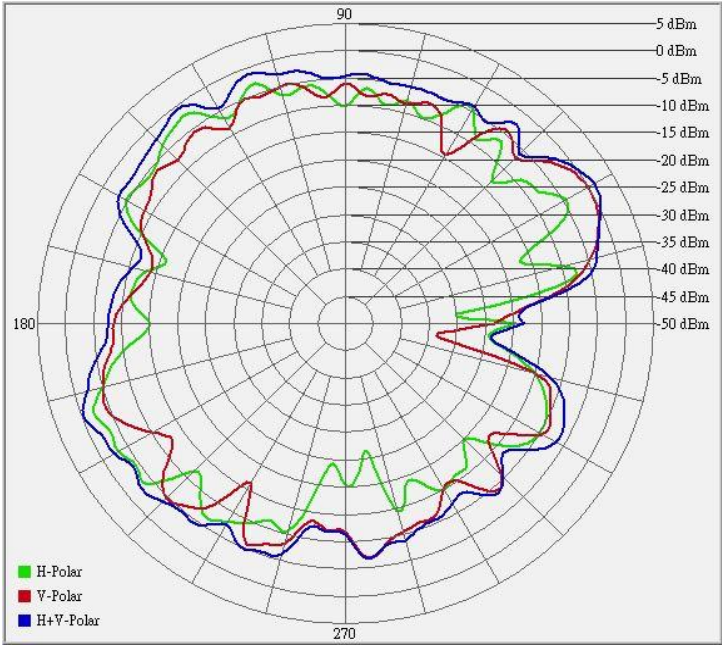
Center Frequency	5150 MHz
Horizontal (dBi) peak	-2.59
Vertical (dBi) peak	-0.89

Tx2 (or Rx2) antenna: 5250 MHz



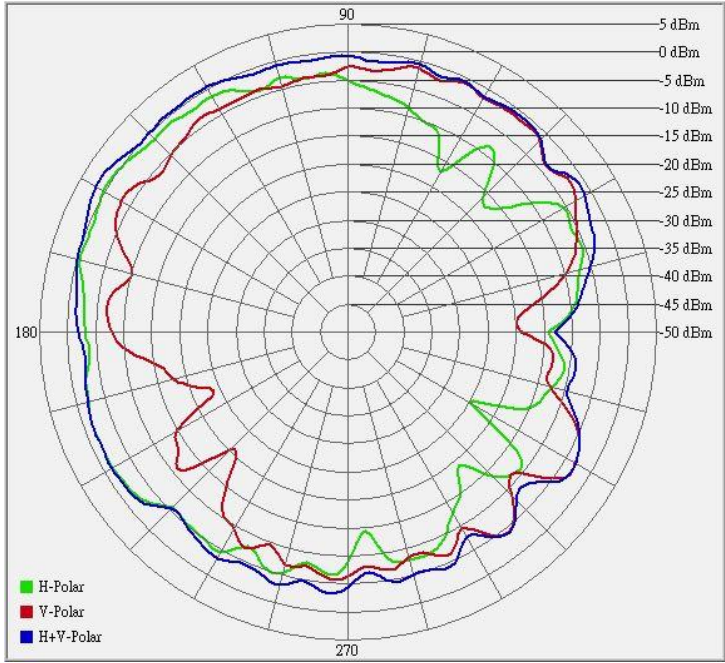
Center Frequency	5250 MHz
Horizontal (dBi) peak	-1.75
Vertical (dBi) peak	-1.78

Tx2 (or Rx2) antenna: 5350 MHz (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



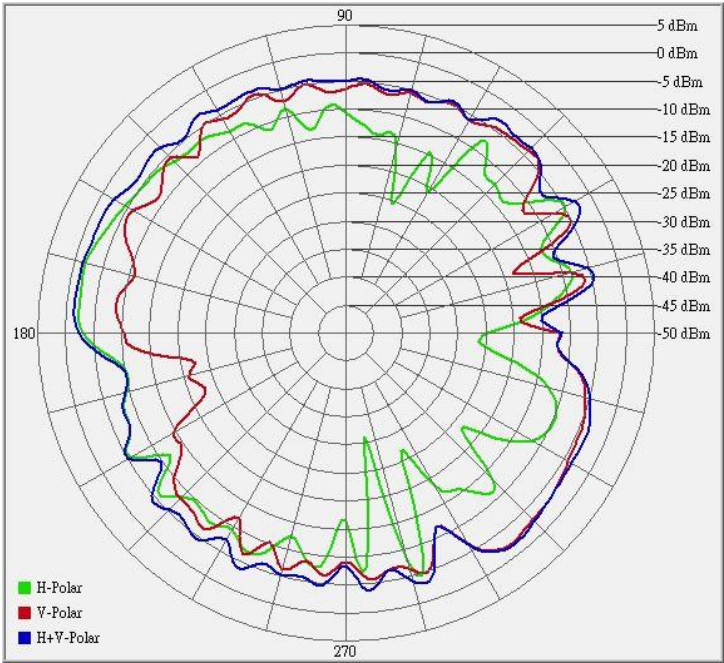
Center Frequency	5350 MHz
Horizontal (dBi) peak	-2.17
Vertical (dBi) peak	-0.04

Tx3 (or Rx3) antenna: 5150 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx3 for 4965AGN)



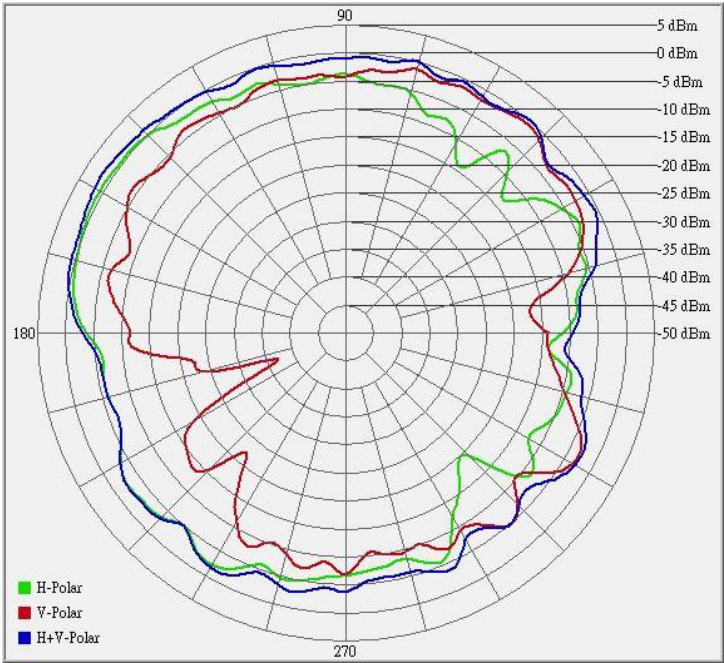
Center Frequency	5150 MHz
Horizontal (dBi) peak	0.32
Vertical (dBi) peak	-0.99

Tx3 (or Rx3) antenna: 5250 MHz



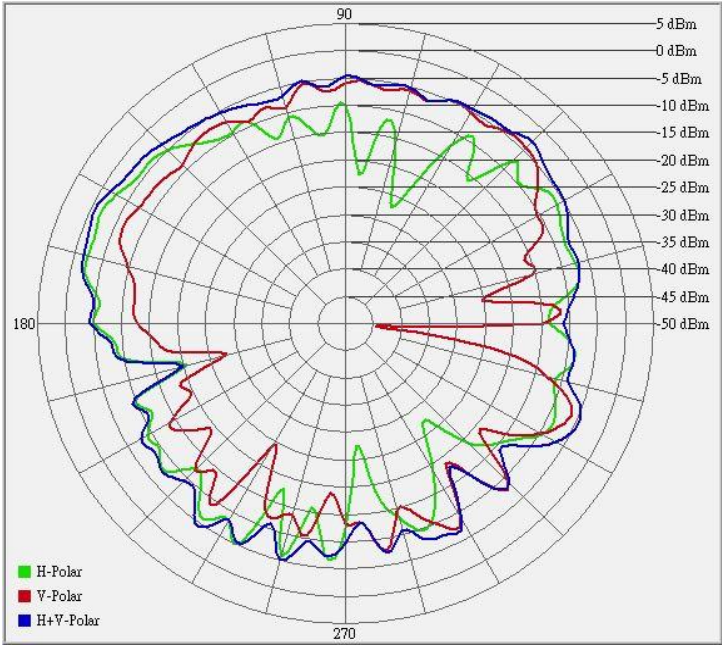
Center Frequency	5250 MHz
Horizontal (dBi) peak	1.15
Vertical (dBi) peak	-1.2

Tx3 (or Rx3) antenna: 5350 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx3 for 4965AGN)



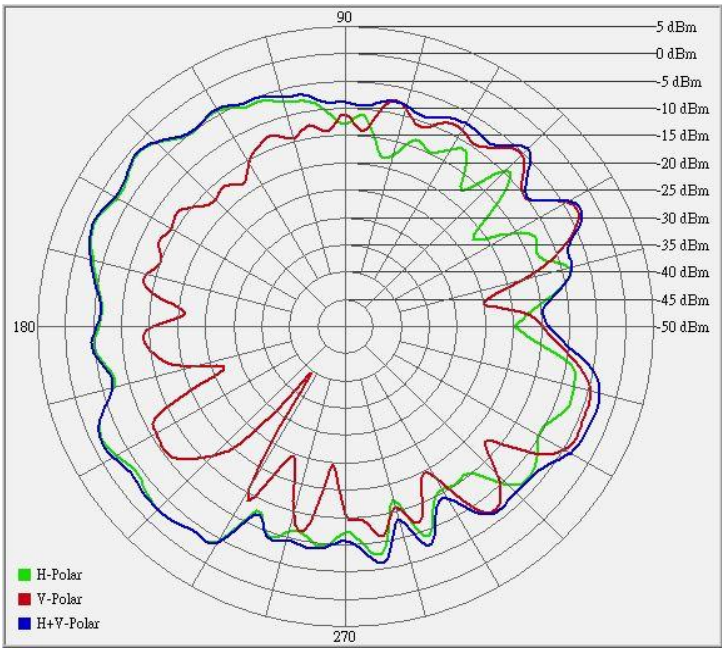
Center Frequency	5350 MHz
Horizontal (dBi) peak	0.7
Vertical (dBi) peak	-0.66

5470-5725MHz radiation characteristic
TX1 antenna: 5470 MHz



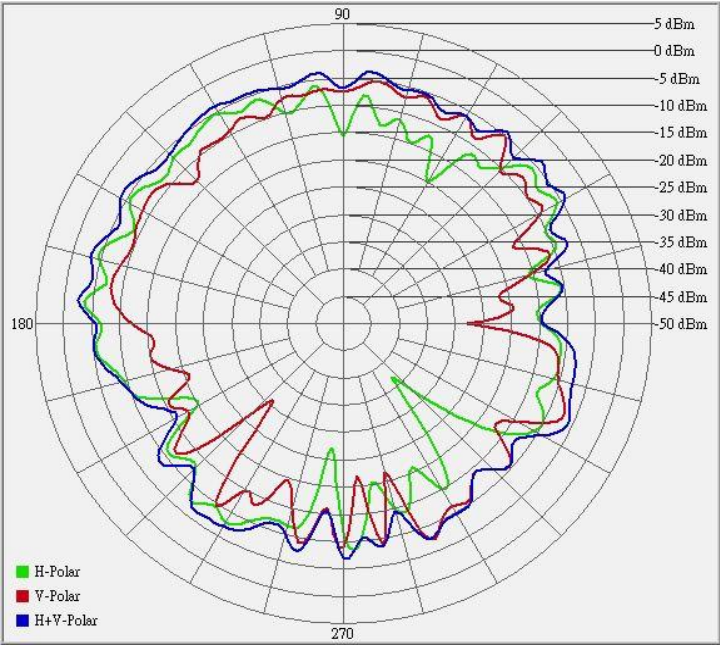
Center Frequency	5470 MHz
Horizontal (dBi) peak	-1.82
Vertical (dBi) peak	-4.33

TX1 antenna: 5597.5 MHz



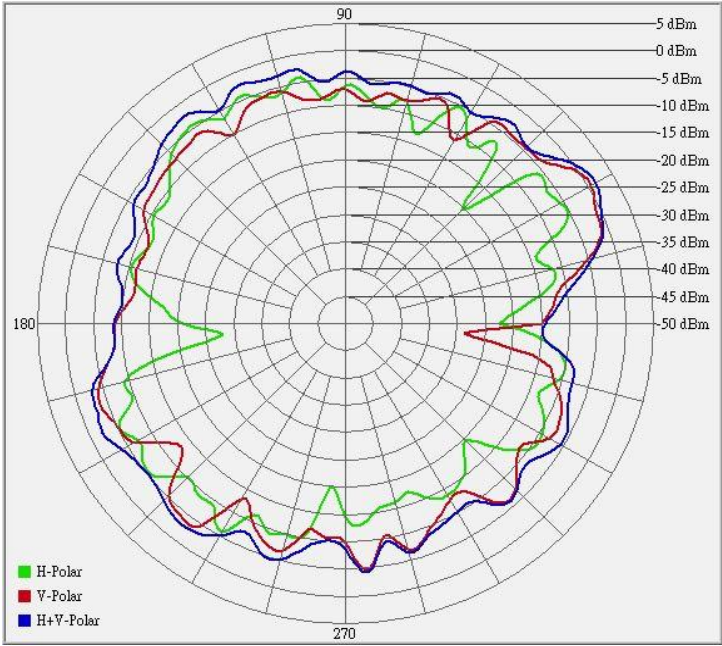
Center Frequency	5597.5 MHz
Horizontal (dBi) peak	-1.18
Vertical (dBi) peak	-4.02

TX1 antenna: 5725 MHz



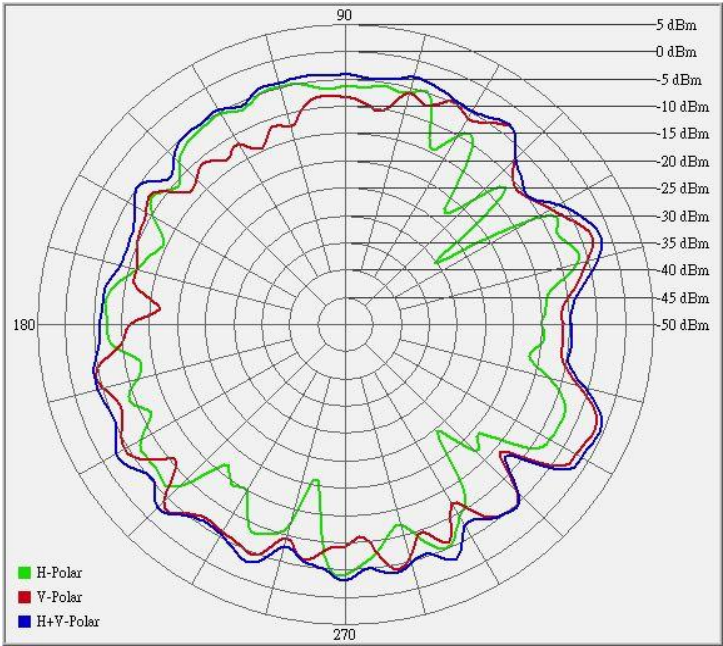
Center Frequency	5725 MHz
Horizontal (dBi) peak	-3.59
Vertical (dBi) peak	-5.08

Tx2 (or Rx2) antenna: 5470 MHz (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



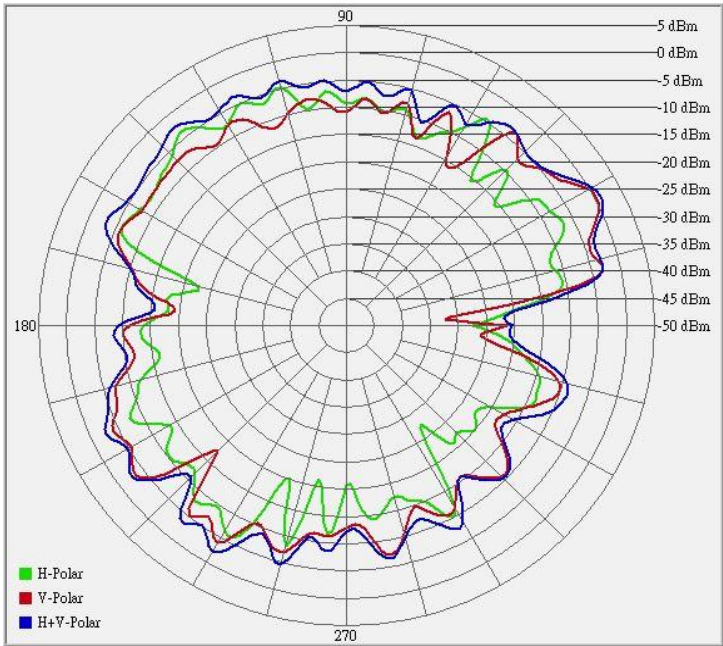
Center Frequency	5470 MHz
Horizontal (dBi) peak	-4.25
Vertical (dBi) peak	0.71

Tx2 (or Rx2) antenna: **5597.5 MHz** (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



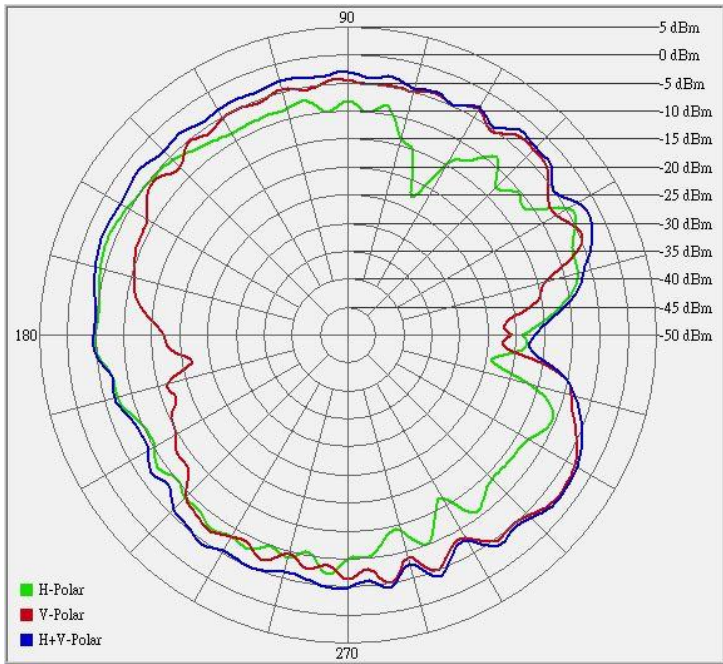
Center Frequency	5597.5 MHz
Horizontal (dBi) peak	-4.23
Vertical (dBi) peak	-1.54

Tx2 (or Rx2) antenna: 5725 MHz (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



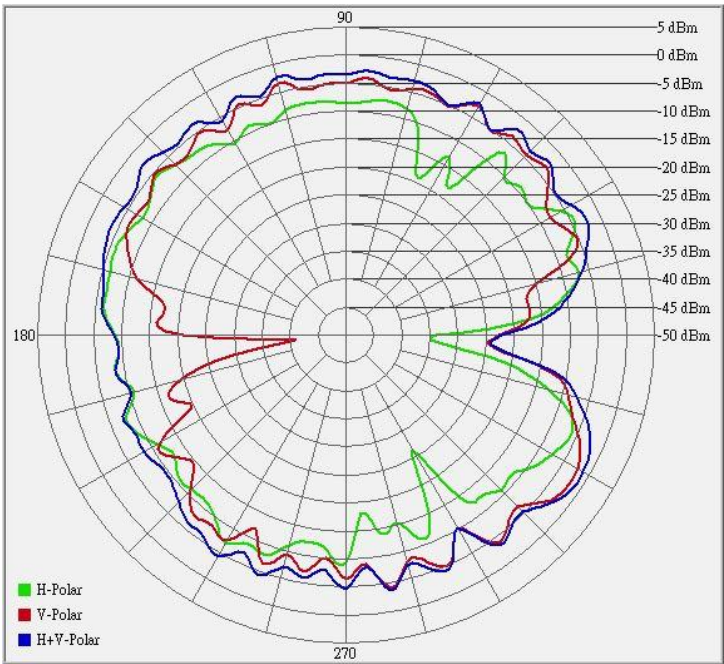
Center Frequency	5725 MHz
Horizontal (dBi) peak	-3.83
Vertical (dBi) peak	0

Tx3 (or Rx3) antenna5470 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx3 for 4965AGN)



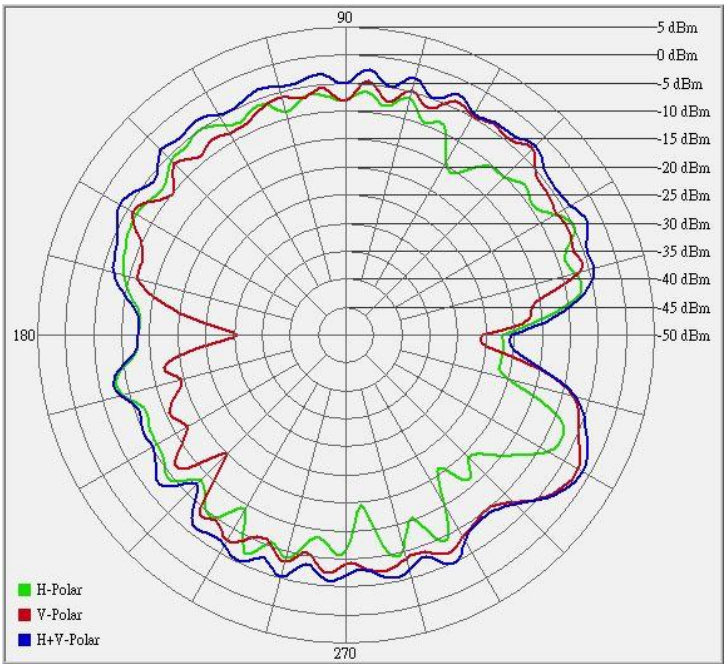
Center Frequency	5470 MHz
Horizontal (dBi) peak	-3.9
Vertical (dBi) peak	-2.73

Tx3 (or Rx3) antenna: 5597.5 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx3 for 4965AGN)



Center Frequency	5597.5 MHz
Horizontal (dBi) peak	-4.96
Vertical (dBi) peak	-2.15

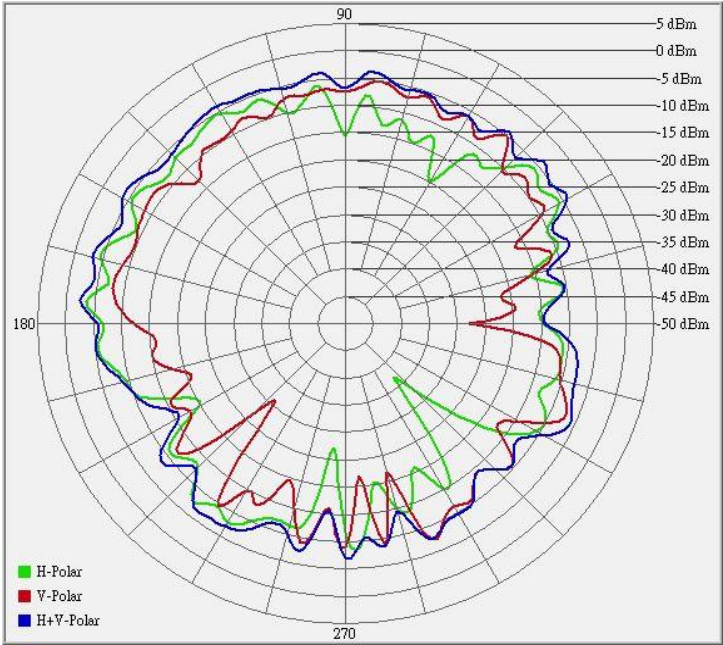
Tx3 (or Rx3) antenna: 5725 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx3 for 4965AGN)



Center Frequency	5725 MHz
Horizontal (dBi) peak	-4.93
Vertical (dBi) peak	-2.13

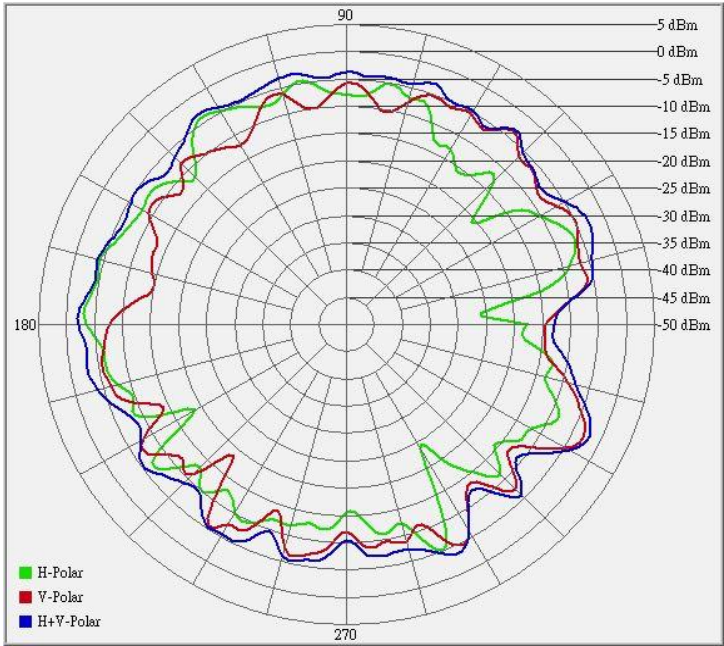
5725-5850 MHz radiation characteristic

TX1 antenna: 5725 MHz



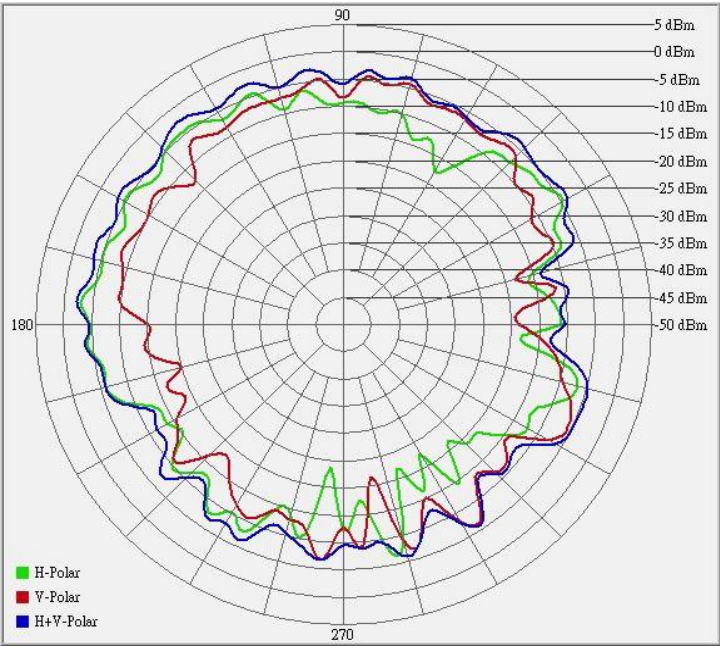
Center Frequency	5725 MHz
Horizontal (dBi) peak	-3.59
Vertical (dBi) peak	-5.08

TX1 antenna: 5785 MHz



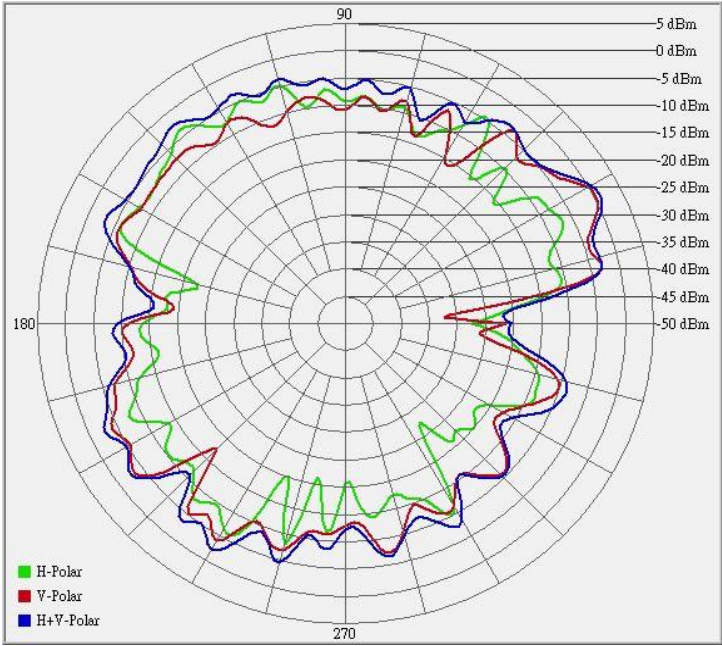
Center Frequency	5785 MHz
Horizontal (dBi) peak	-3.48
Vertical (dBi) peak	-3.03

TX1 antenna: 5850 MHz



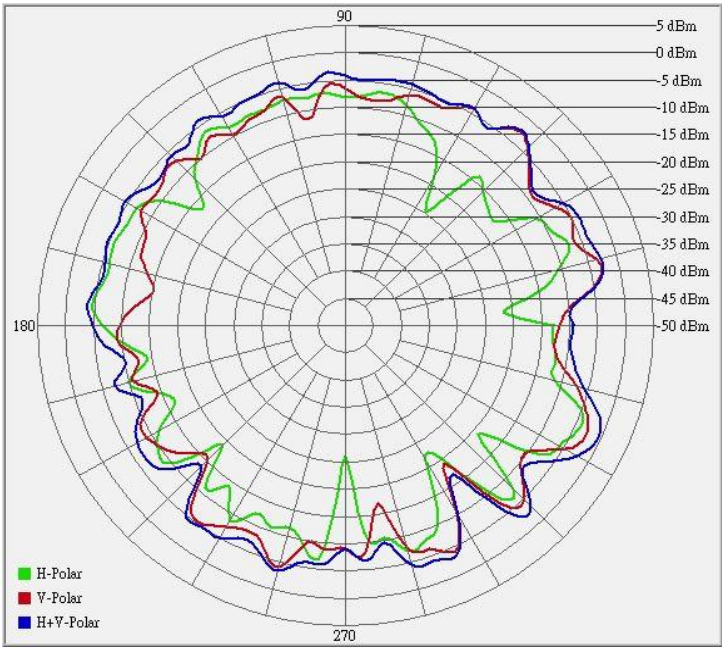
Center Frequency	5850 MHz
Horizontal (dBi) peak	-2.88
Vertical (dBi) peak	-4.31

Tx2 (or Rx2) antenna: **5725 MHz** (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



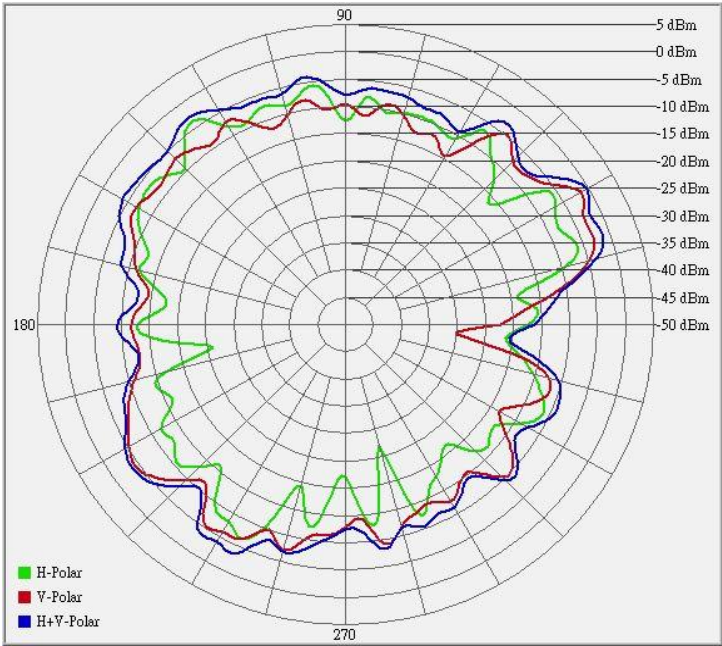
Center Frequency	5725 MHz
Horizontal (dBi) peak	-3.83
Vertical (dBi) peak	0

Tx2 (or Rx2) antenna: **5785 MHz** (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



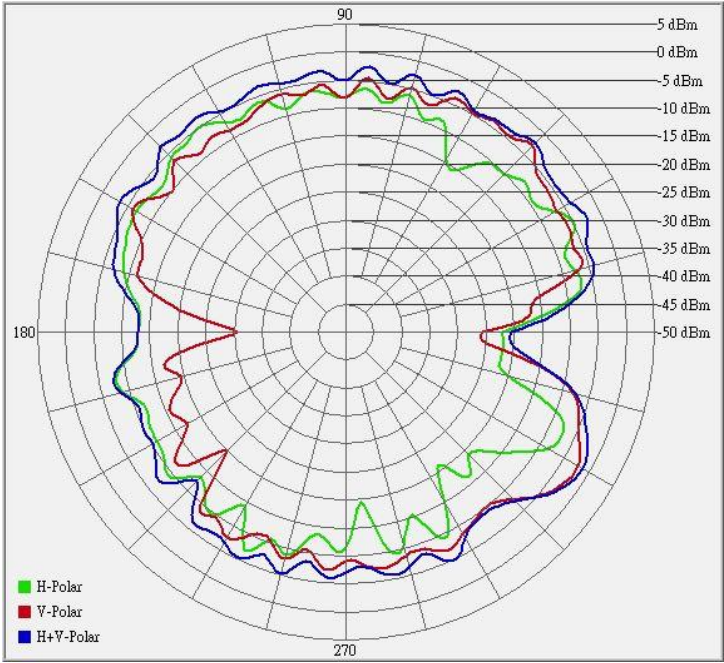
Center Frequency	5785 MHz
Horizontal (dBi) peak	-4.26
Vertical (dBi) peak	-2.56

Tx2 (or Rx2) antenna: **5850 MHz** (Plot is not required if 2nd Antenna is receive only e.g. Rx2 for 512 family)



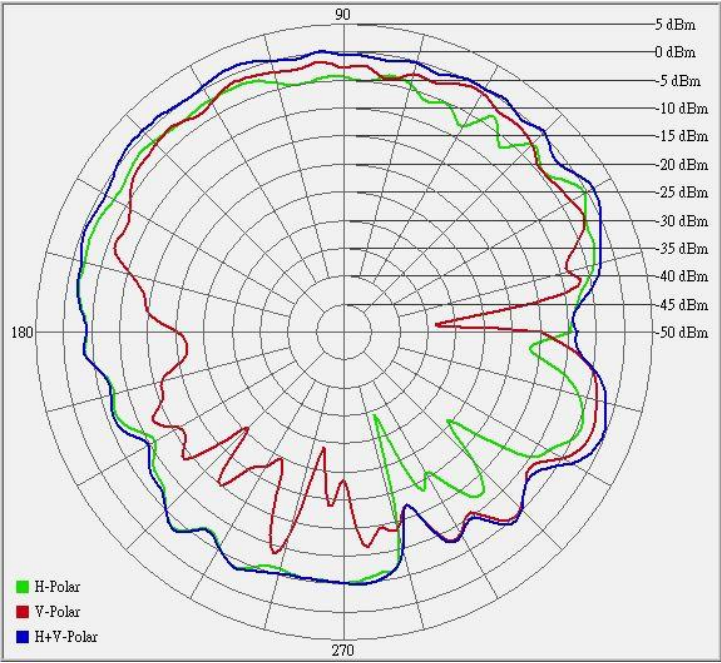
Center Frequency	5850 MHz
Horizontal (dBi) peak	-4.15
Vertical (dBi) peak	-1.45

Tx3 (or Rx3) antenna: 5725 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx3 for 4965AGN)



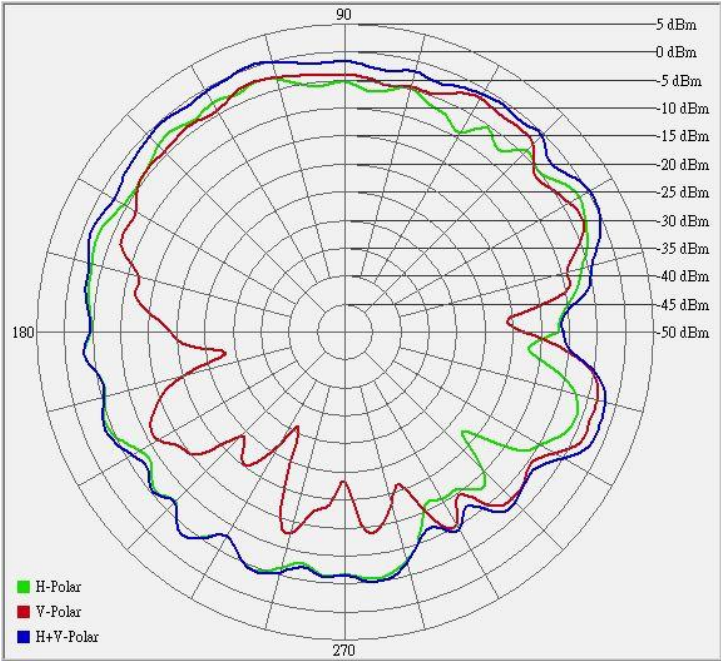
Center Frequency	5725 MHz
Horizontal (dBi) peak	-4.93
Vertical (dBi) peak	-2.13

Tx3 (or Rx3) antenna: 5785 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx3 for 4965AGN)



Center Frequency	5785 MHz
Horizontal (dBi) peak	-0.49
Vertical (dBi) peak	-0.65

Tx3 (or Rx3) antenna: 5850 MHz (Plot is not required if 3rd Antenna is receive only e.g. Rx 3 for 4965AGN)



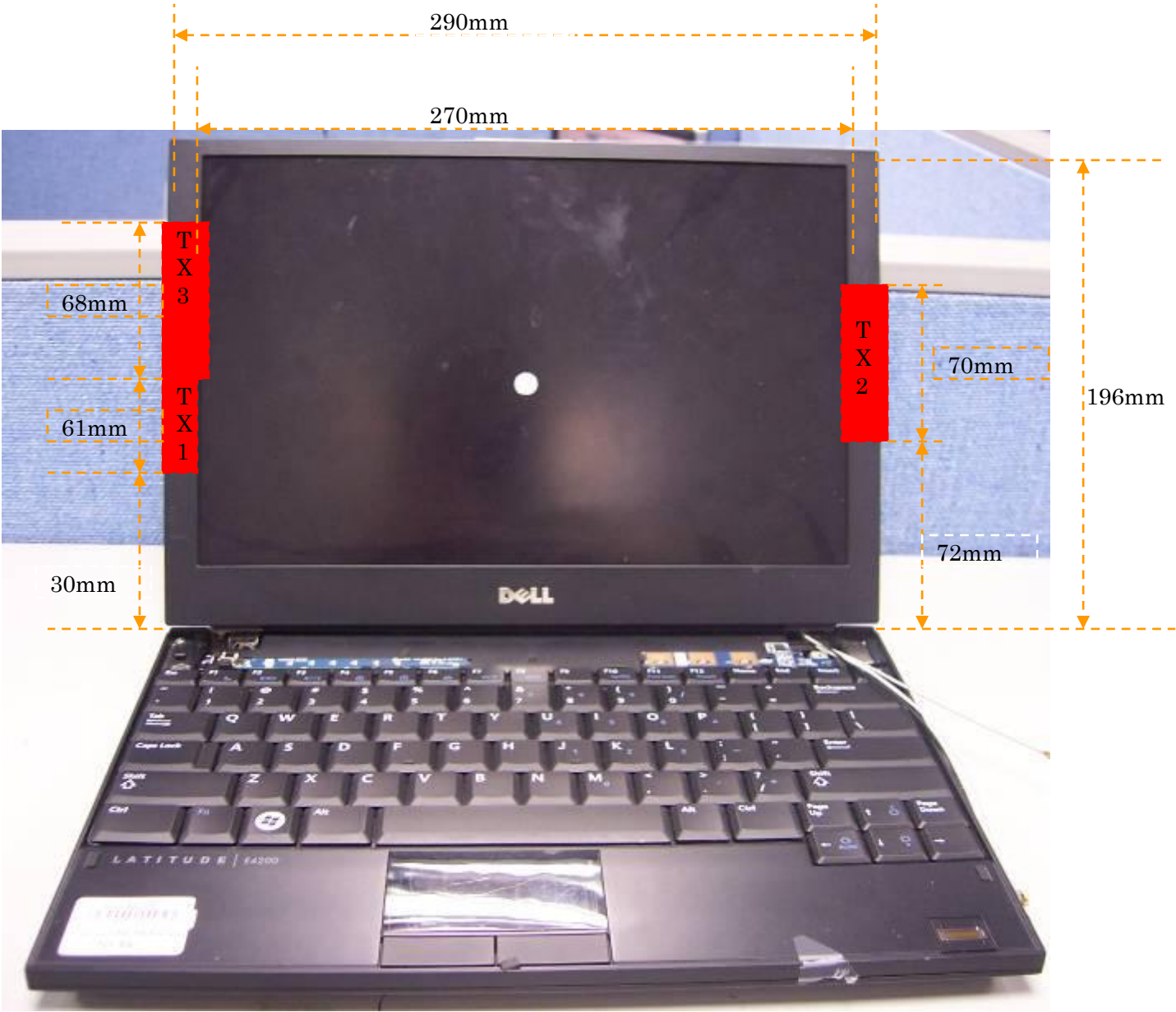
Center Frequency	5850 MHz
Horizontal (dBi) peak	-1.75
Vertical (dBi) peak	-1.78

Section 4. Host Platform Information

OEM / ODM Host platform: Mini Cooper platform correlated to antenna data
Rating Label Photo:

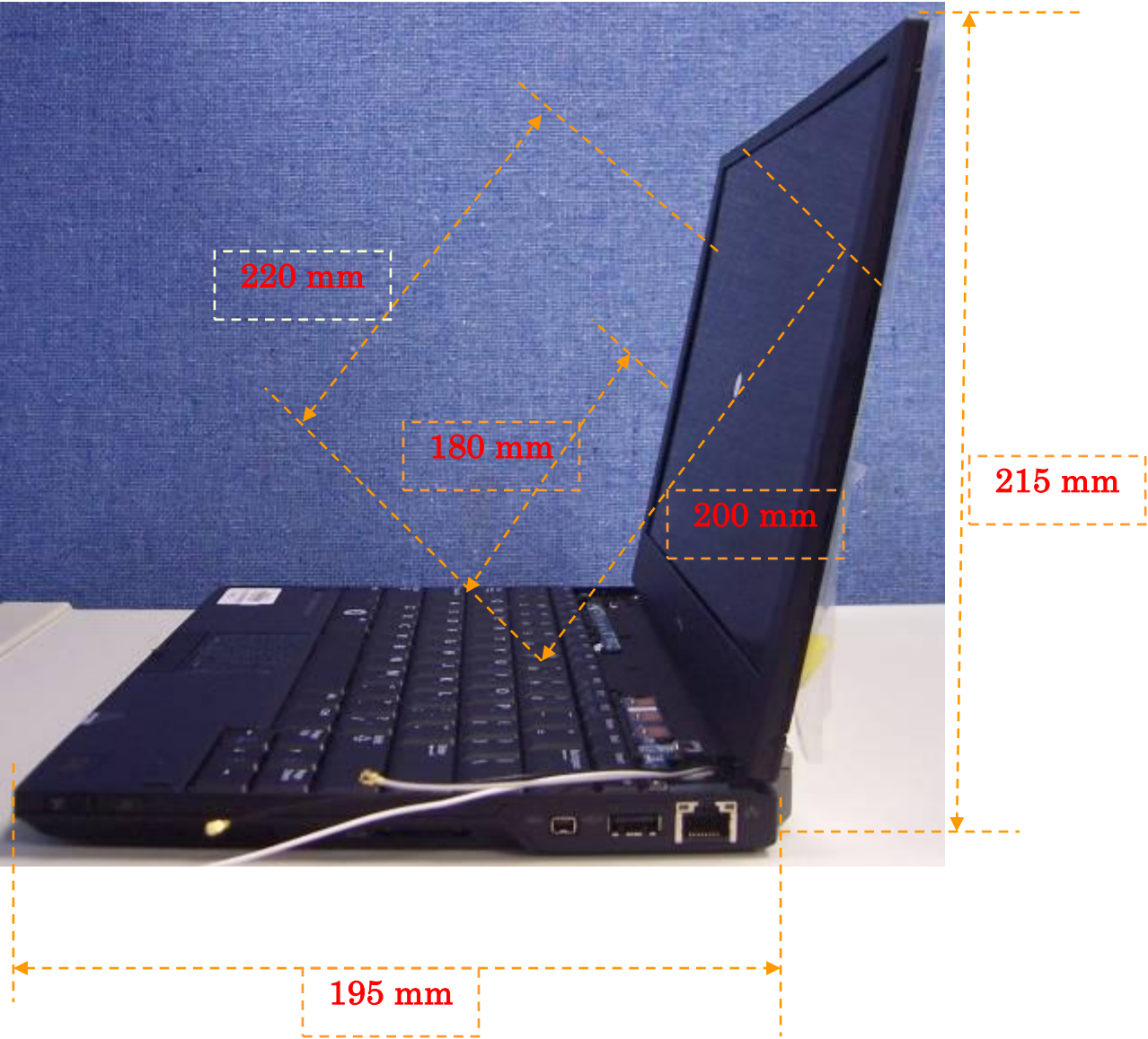
Section 5. Antenna Host Platform Location Information

Include a **dimensioned photo or dimensioned drawing** of Tx1, Tx2 and Tx3 antenna placements (measurements are not required for receive-only antenna). Any antenna that transmits must show dimensions to bottom of laptop.



Section 6. Antenna dimensional information for SAR evaluation

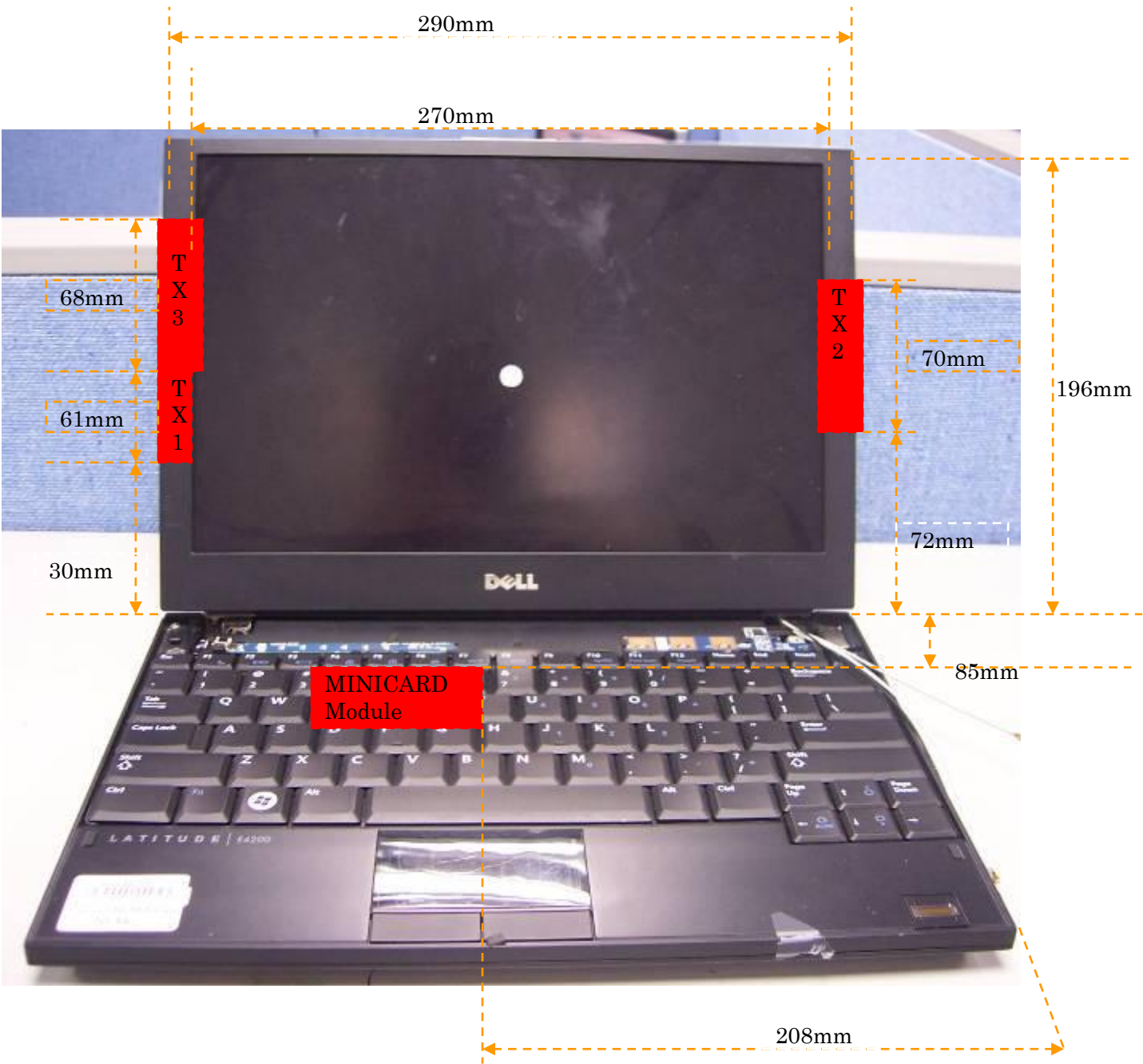
Include a **dimensioned photo or dimensioned drawing** showing the distance (mm) between the transmit antennas and the user (excluding hands, wrist, feet, lap/ thigh, and ankle)



Section 7. Diagram Example of Co-Location Antenna Separation

Include a **dimensioned photo or dimensioned drawing** showing the distance (mm) between all WLAN transmit antennas and other co-located radiator transmit antenna such as Bluetooth, WWAN,..

(Note: Due to the evolving rules regarding co-location, each platform will need to be reviewed on a case by case basis)



Section 8. Local representative contact information

Local representative contact information is required for regulatory support for target countries below.

	Local company name	Contact name	Phone number	FAX Number	e-Mail Address	Notes
Argentina						
Brazil						
Indonesia						
Israel						
Malaysia						
Mexico						
Singapore						Telecommunication Equipment Dealer License Required
South Africa						
USA, Canada						