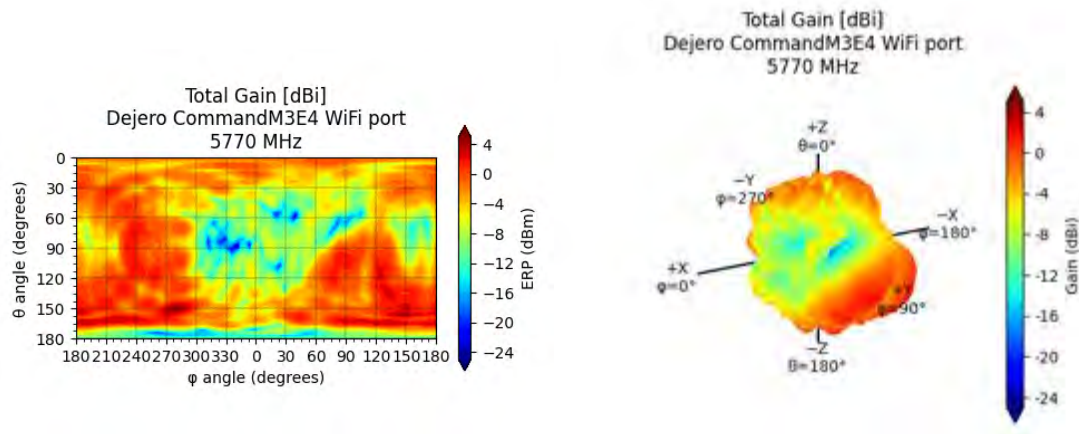
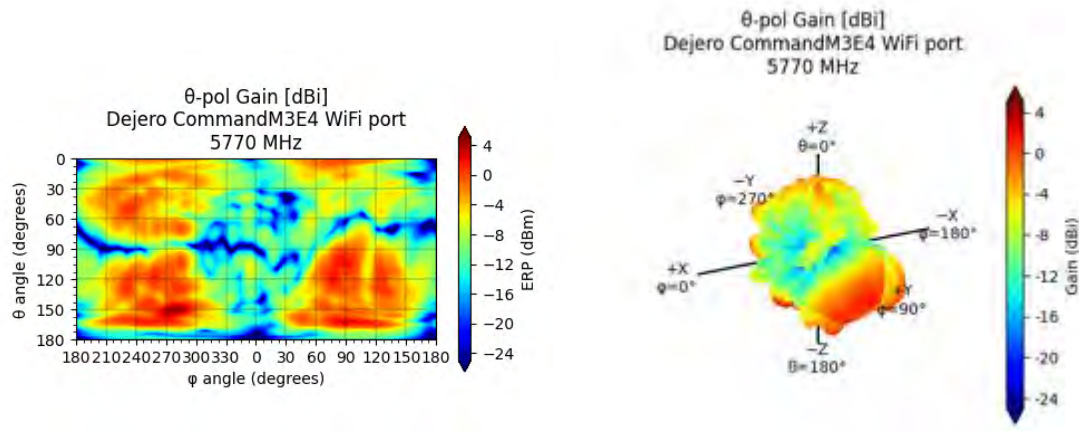
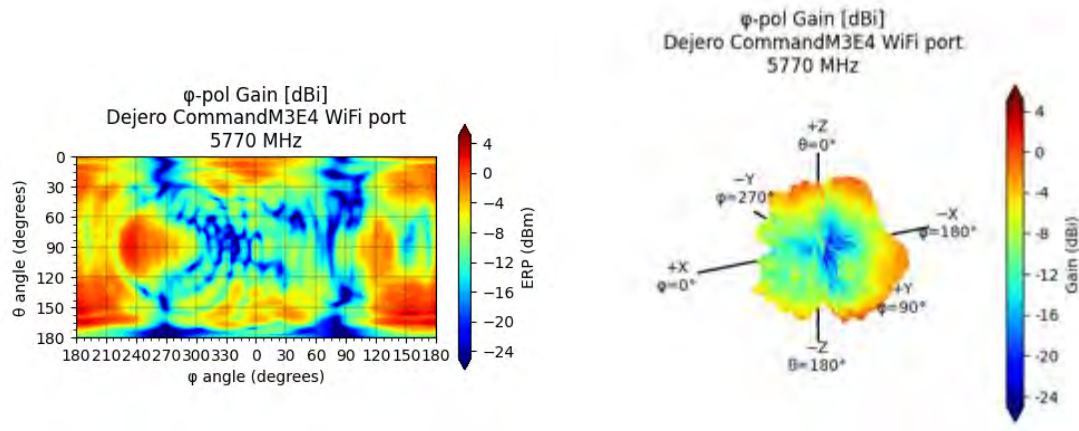




(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 187 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5770 MHz.

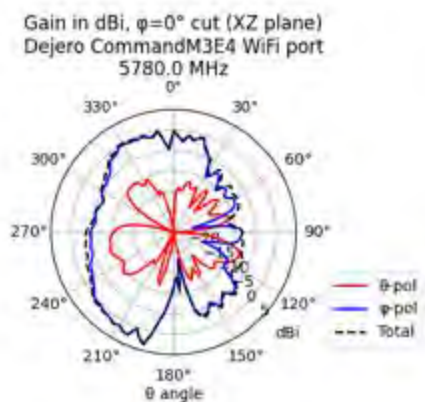
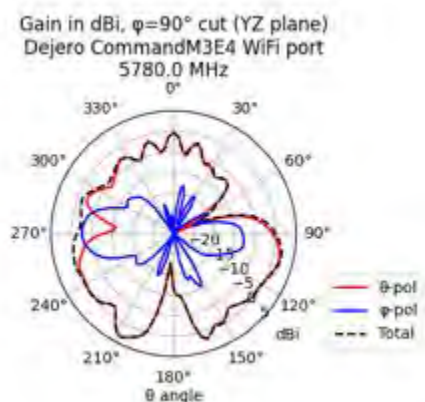
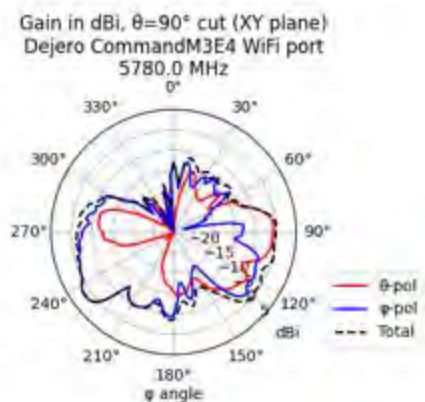
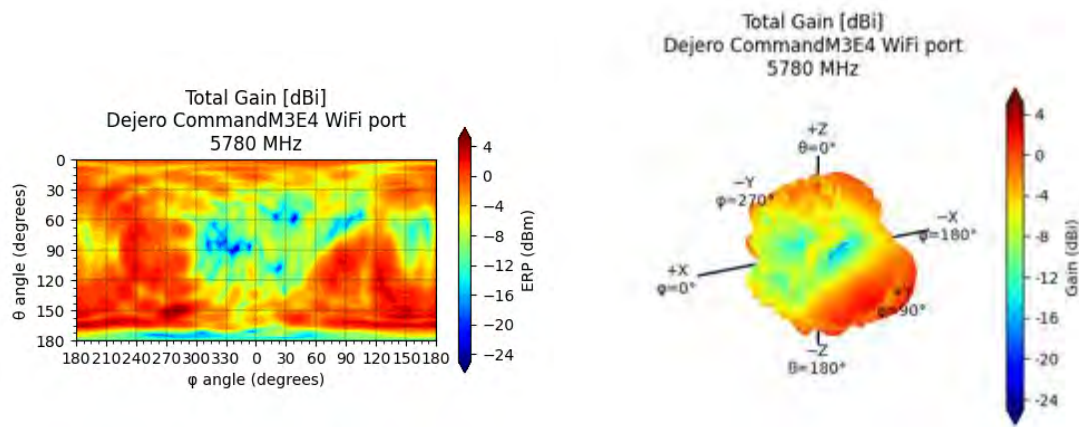
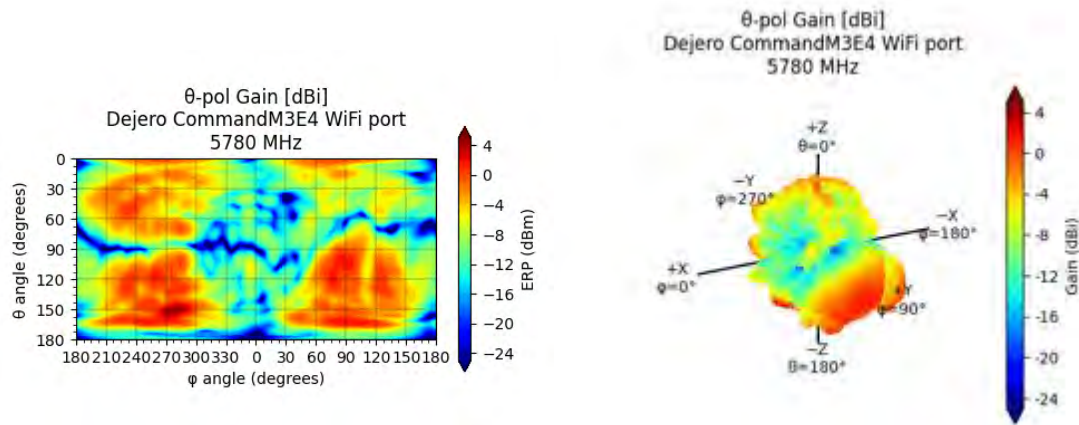
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

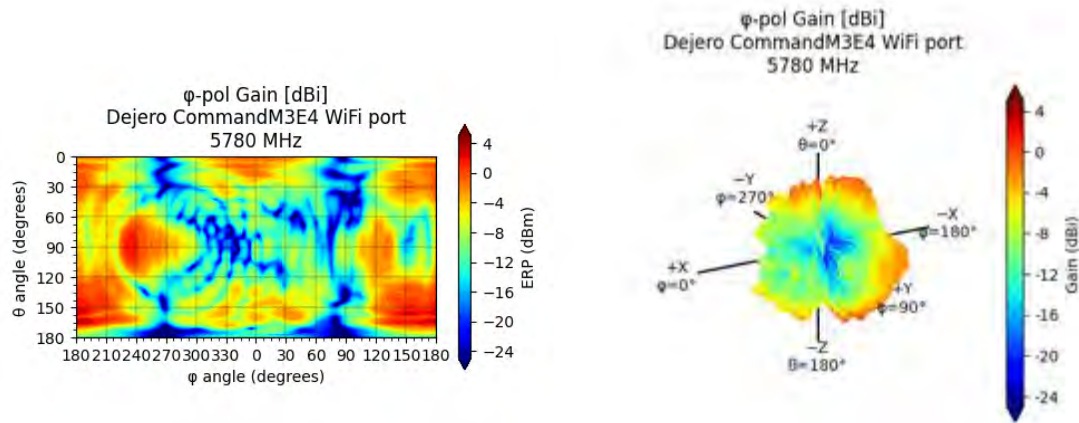
Figure 188 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5780 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 189 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5780 MHz.

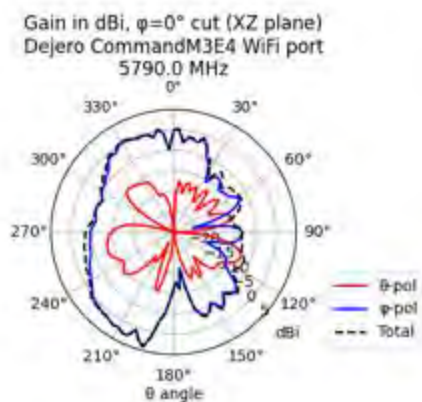
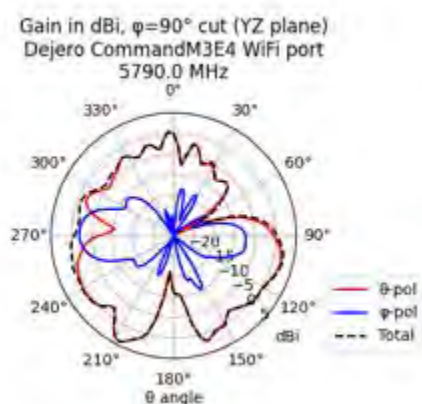
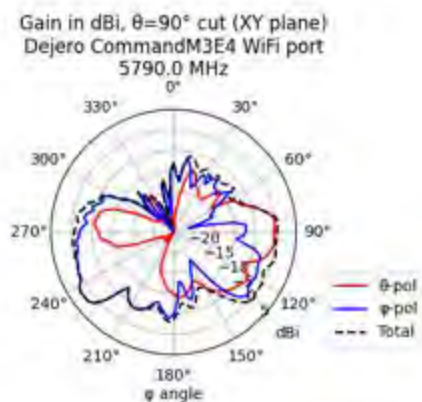
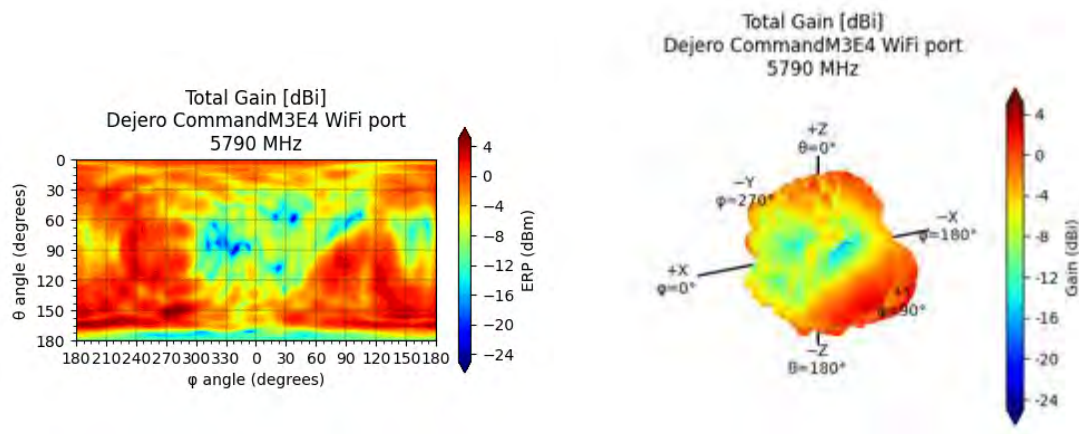
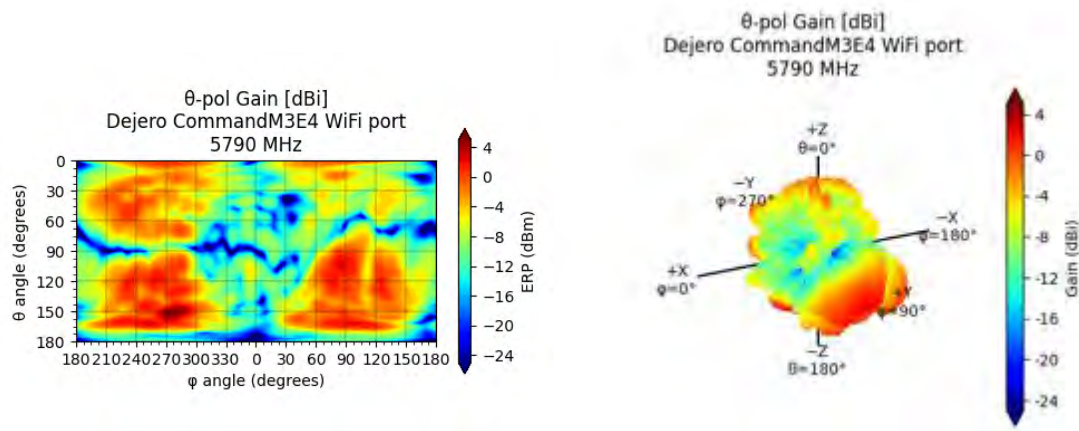
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

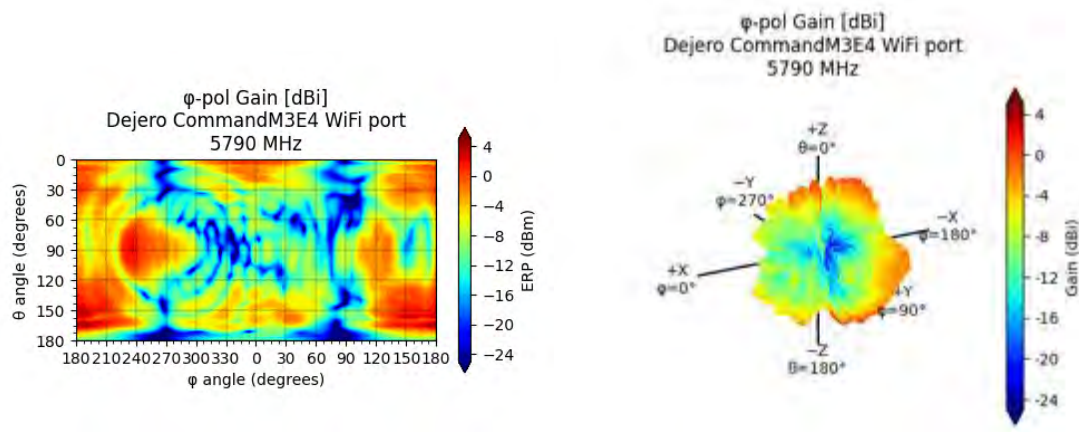
Figure 190 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5790 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 191 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5790 MHz.

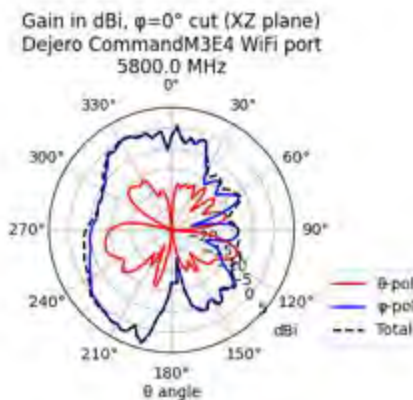
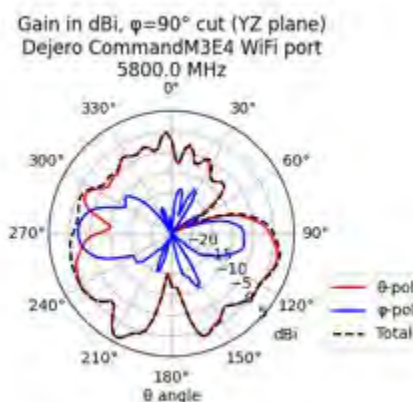
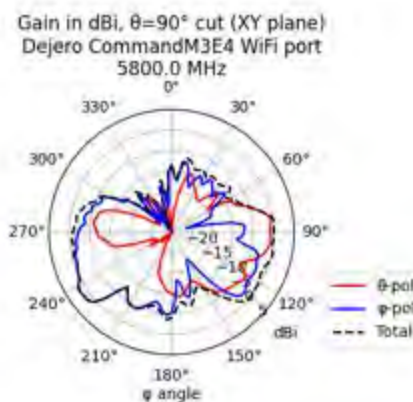
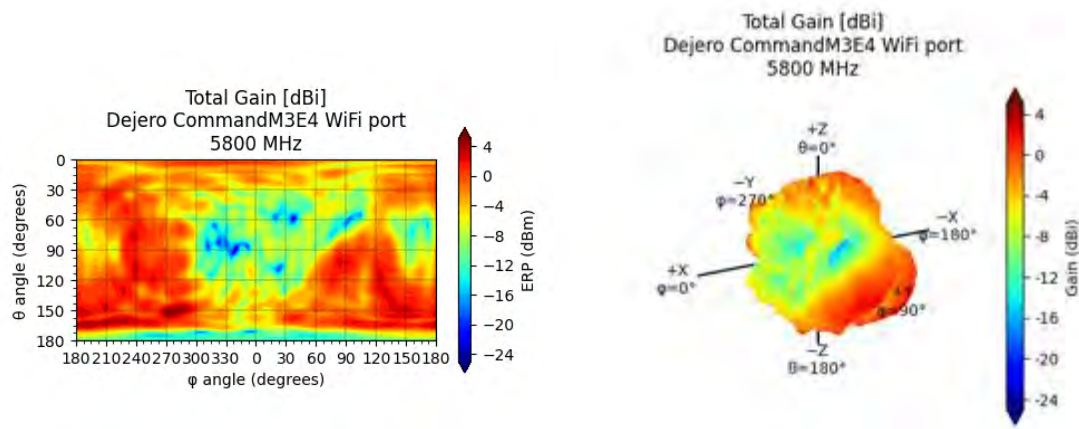
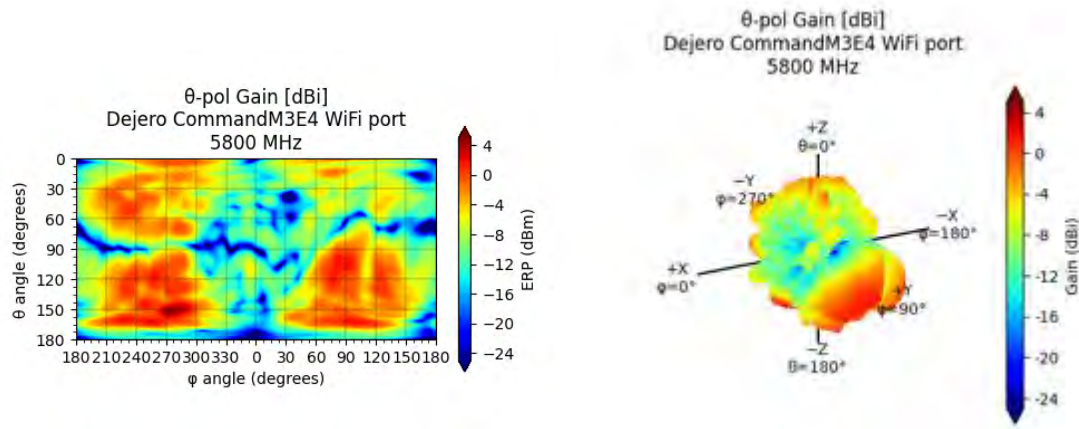
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

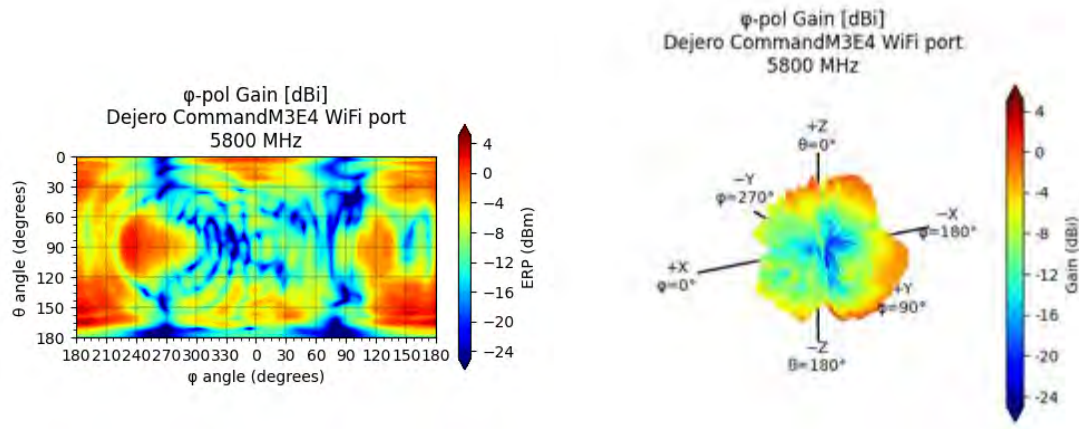
Figure 192 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5800 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 193 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5800 MHz.

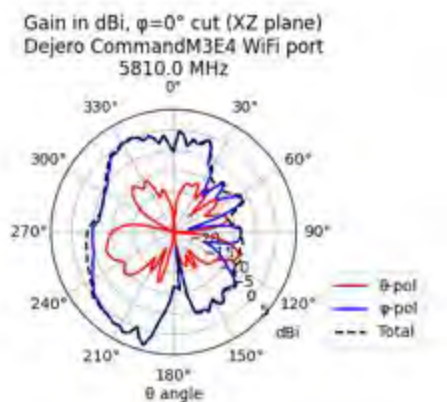
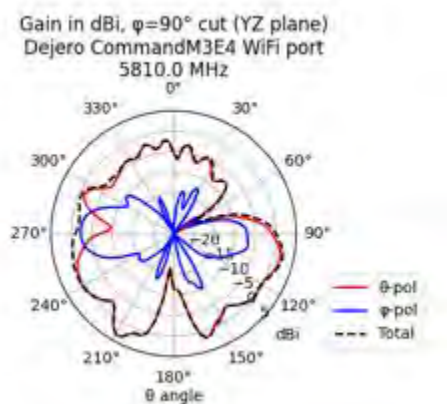
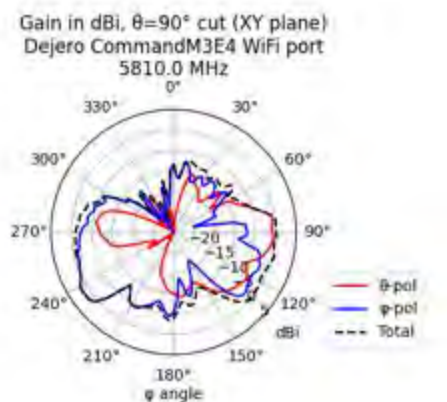
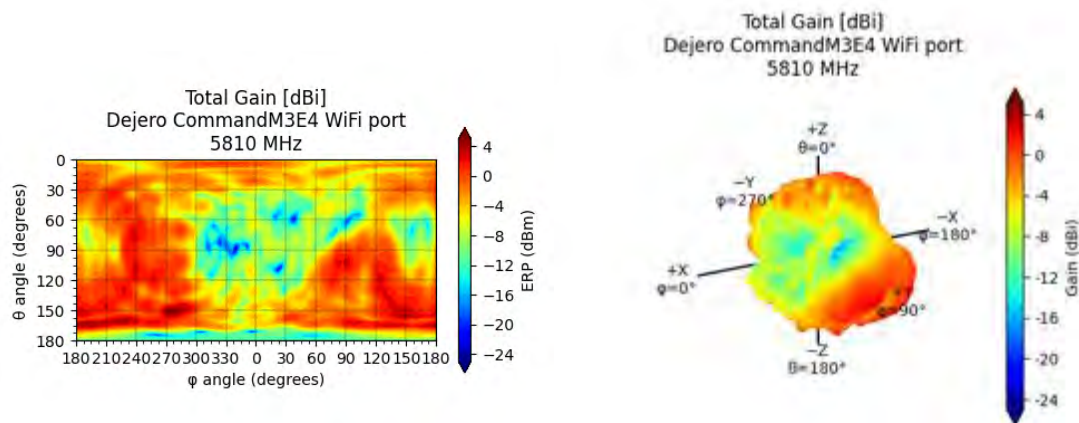
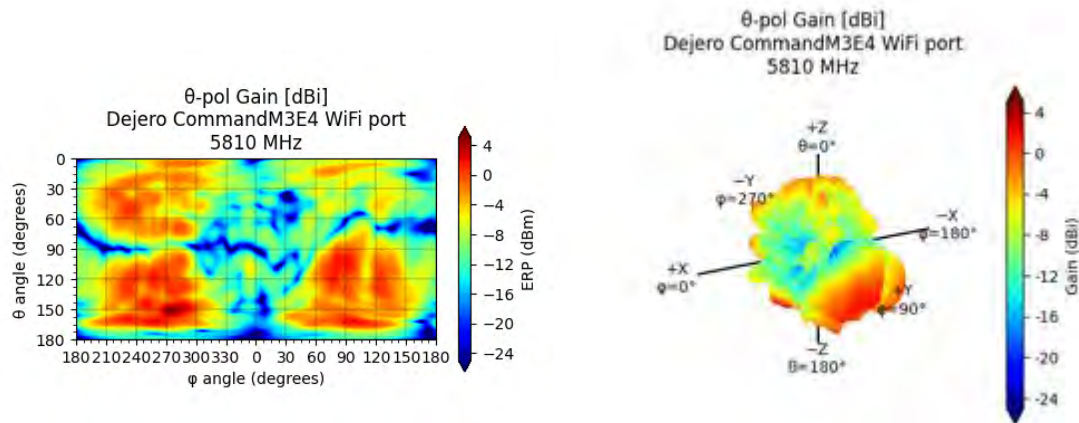
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

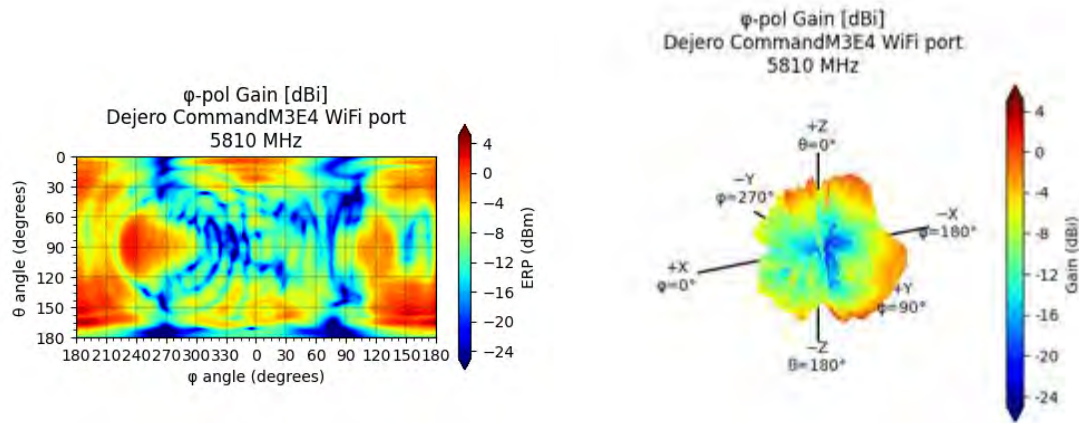
Figure 194 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5810 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 195 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5810 MHz.

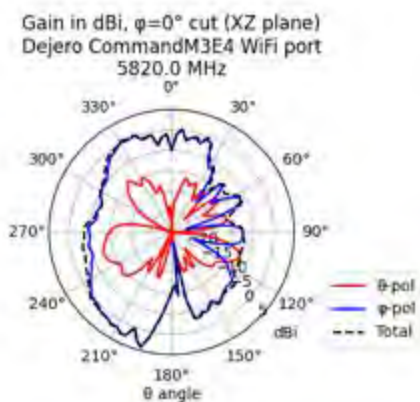
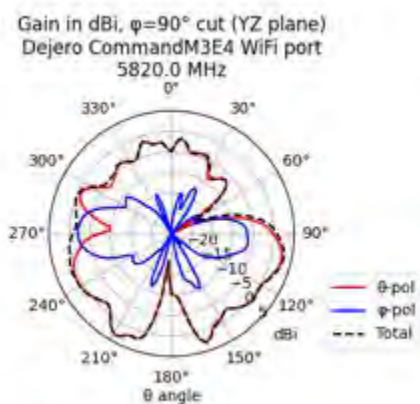
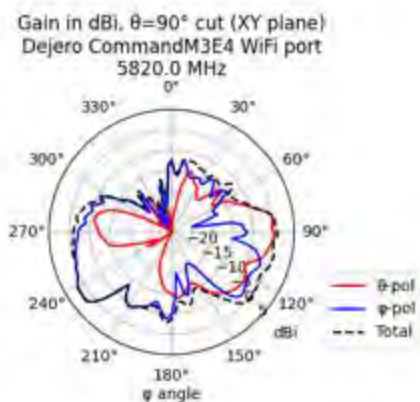
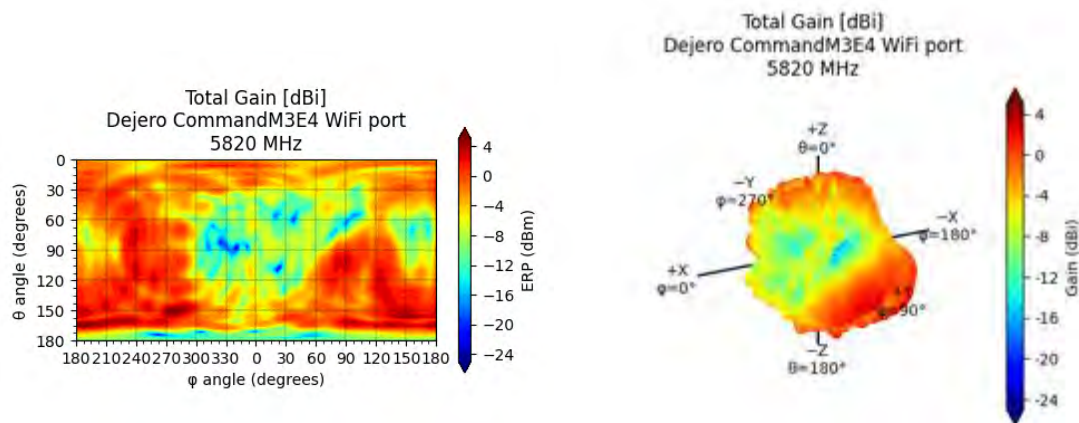
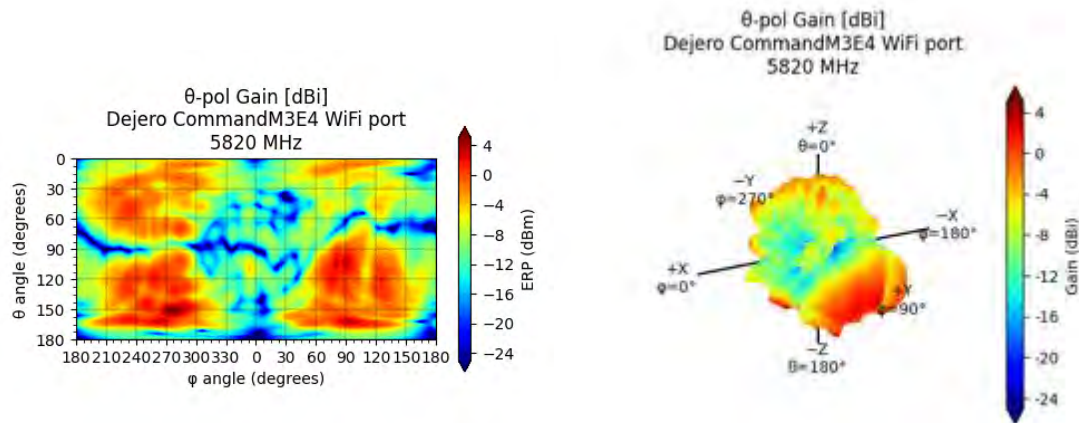
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

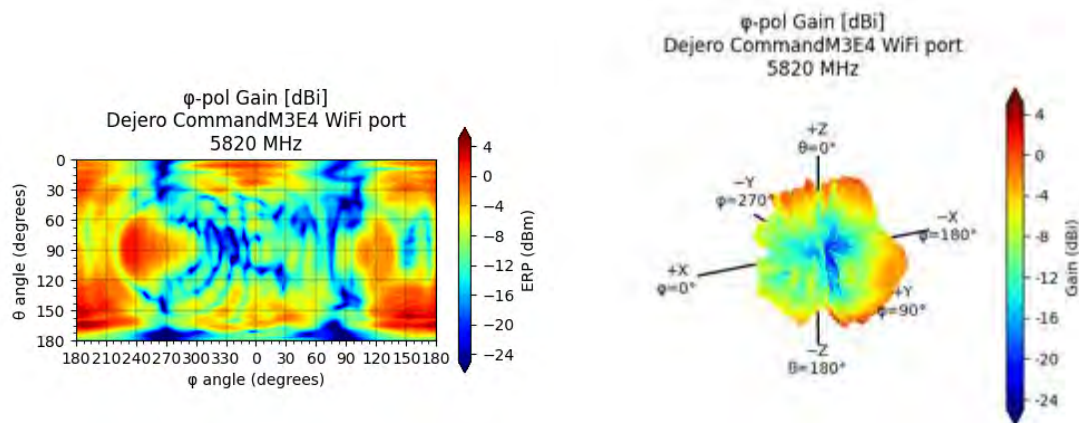
Figure 196 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5820 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 197 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5820 MHz.

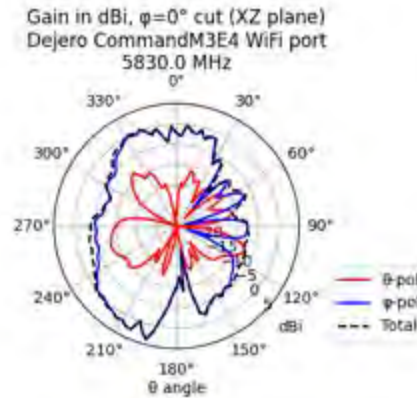
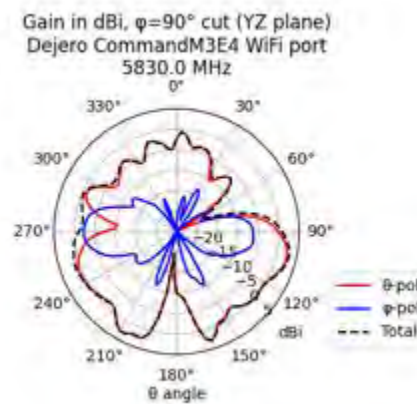
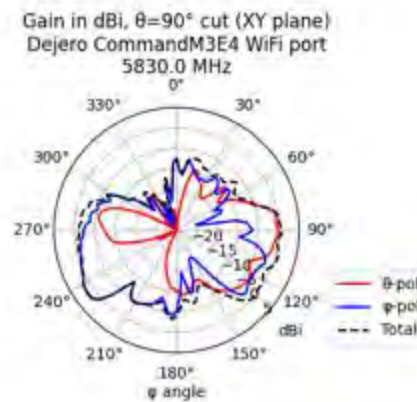
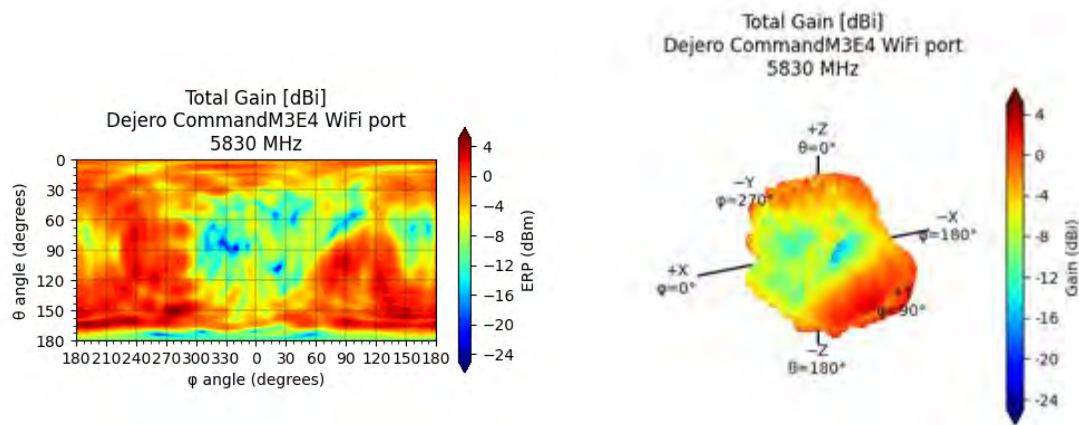
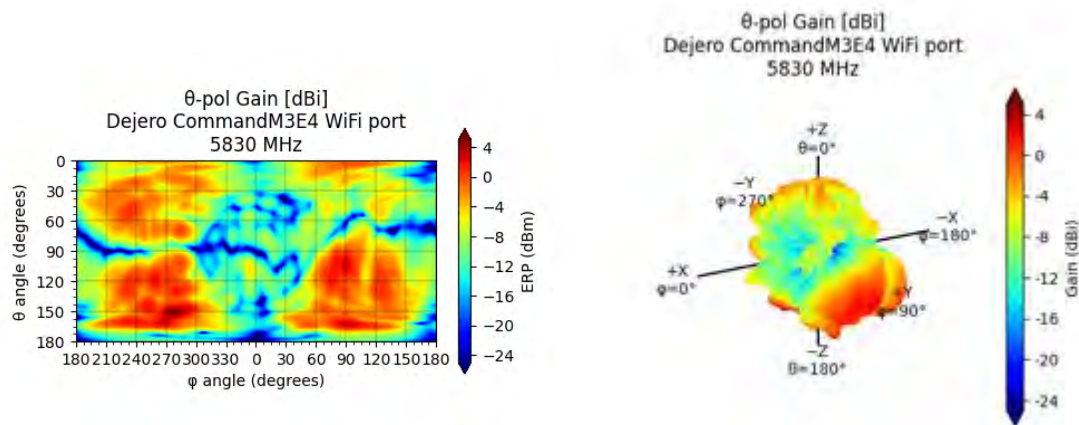
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

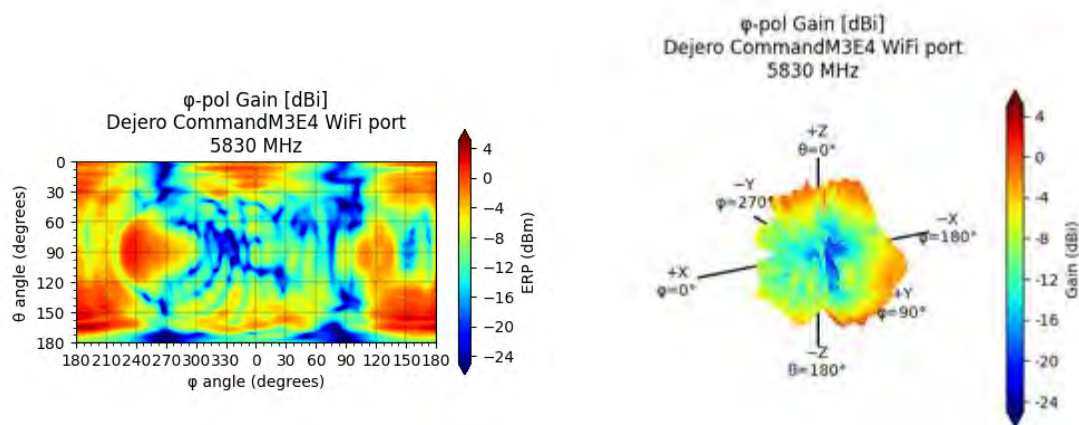
Figure 198 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5830 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 199 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5830 MHz.

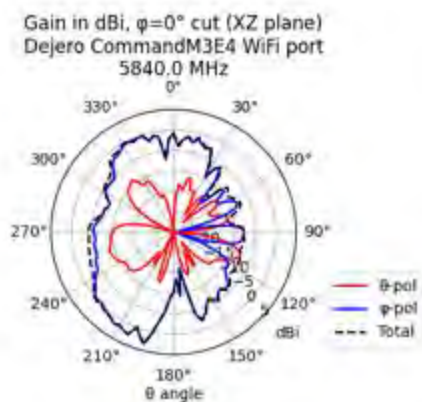
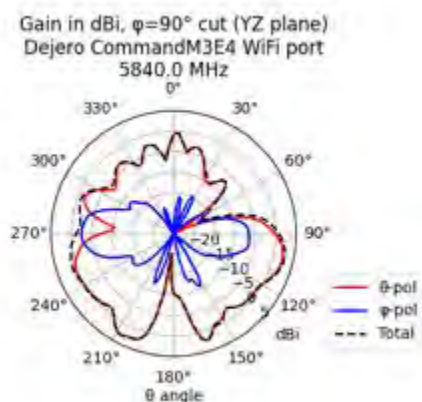
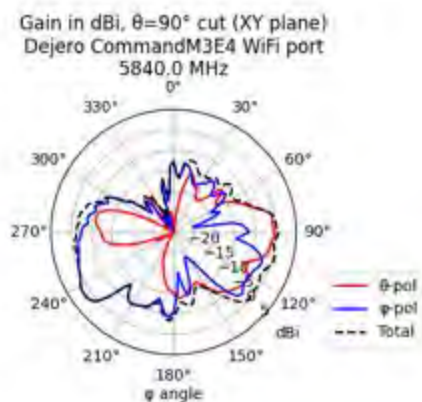
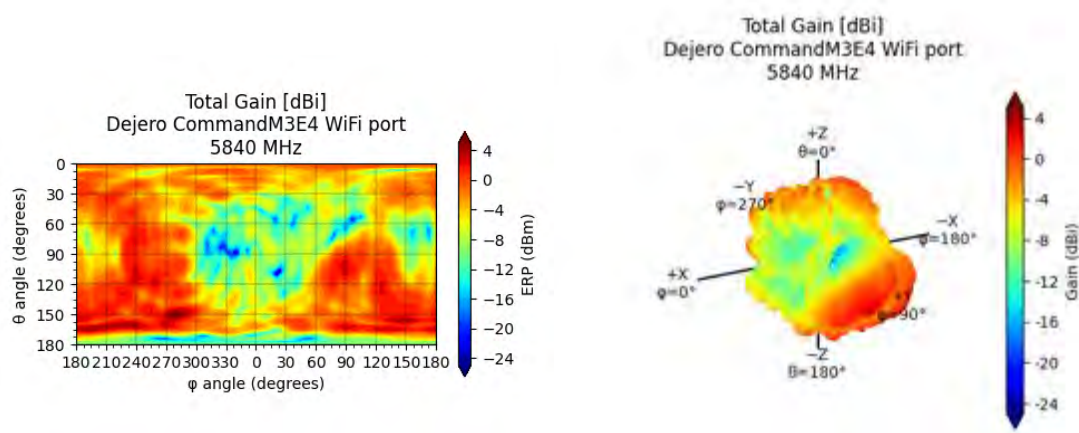
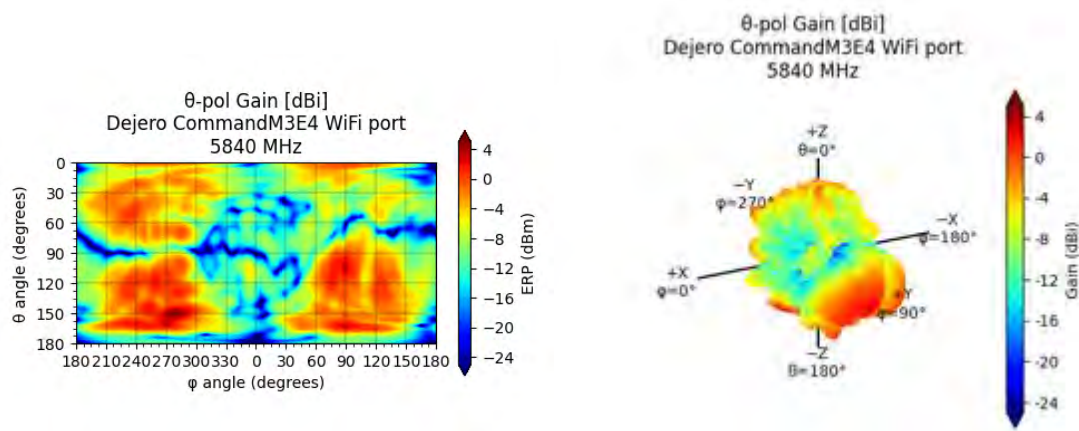
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

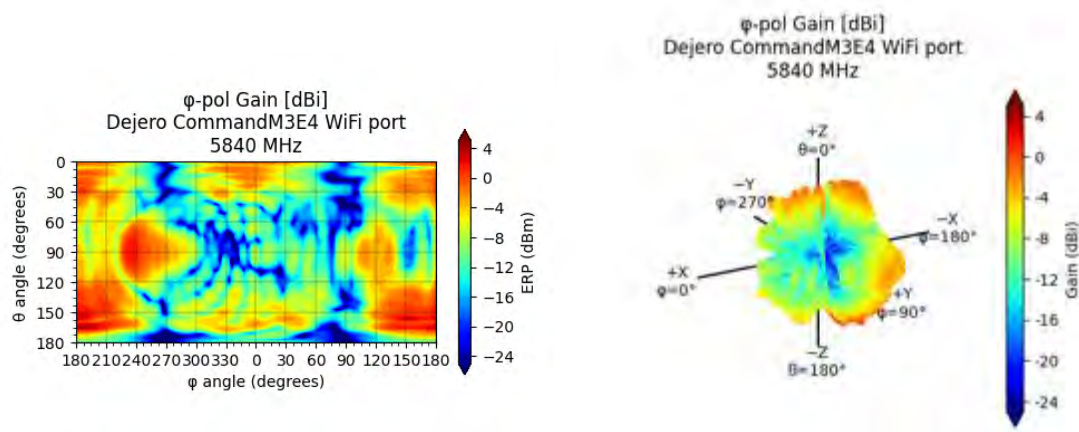
Figure 200 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5840 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 201 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5840 MHz.

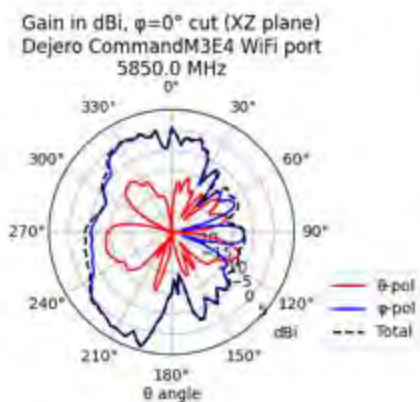
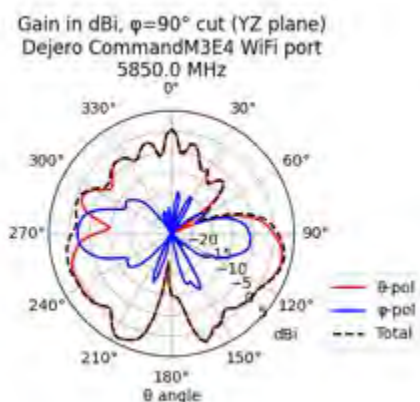
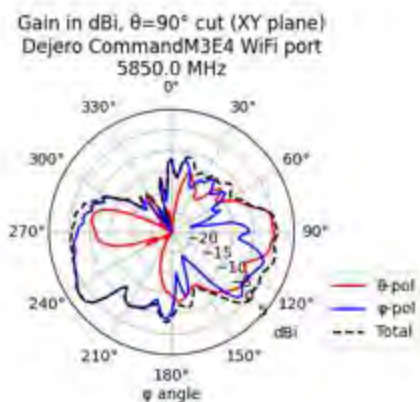
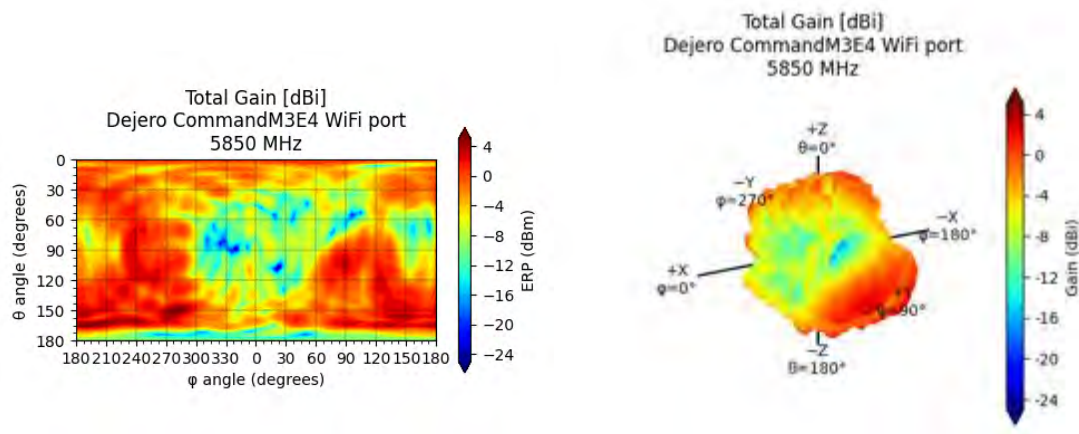
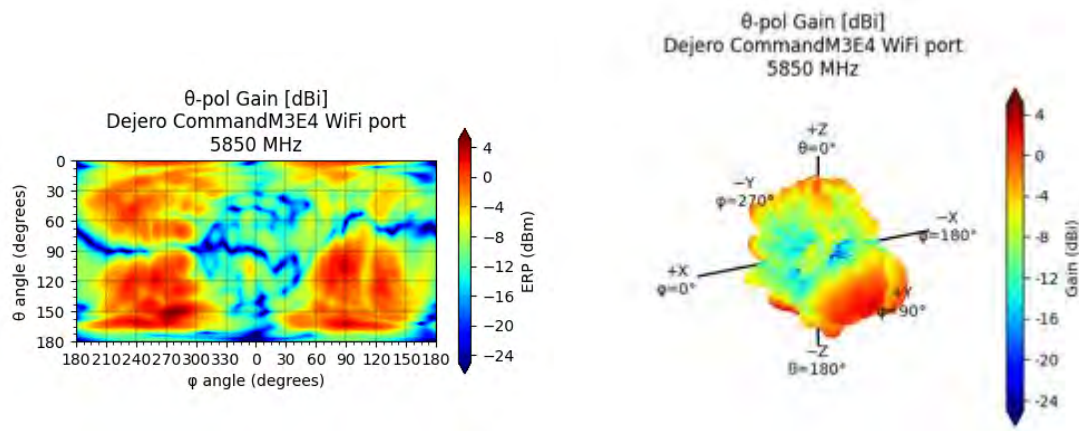
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

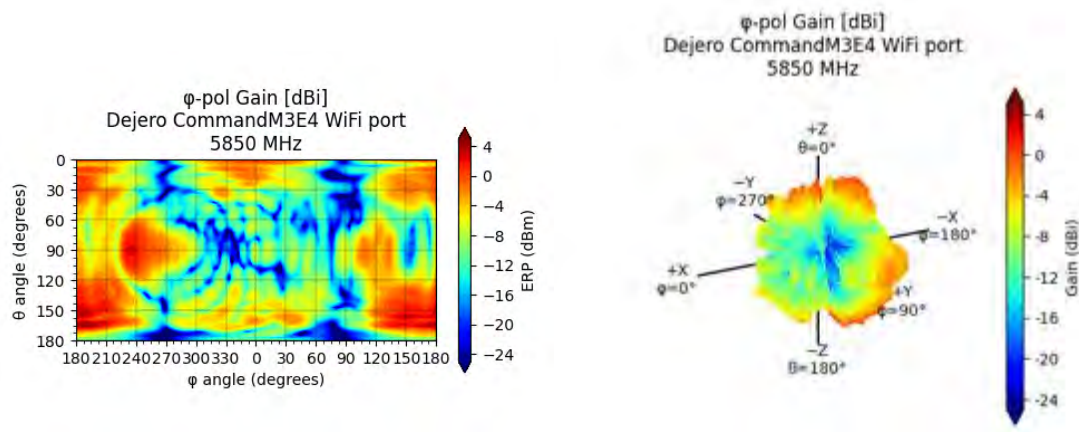
Figure 202 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5850 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 203 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5850 MHz.

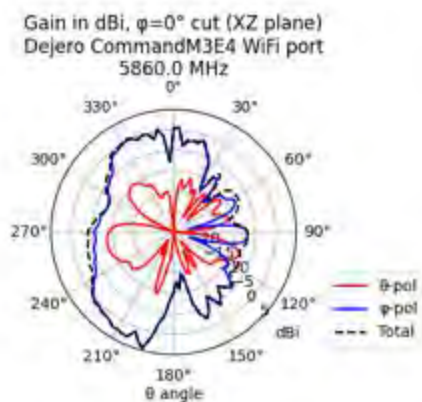
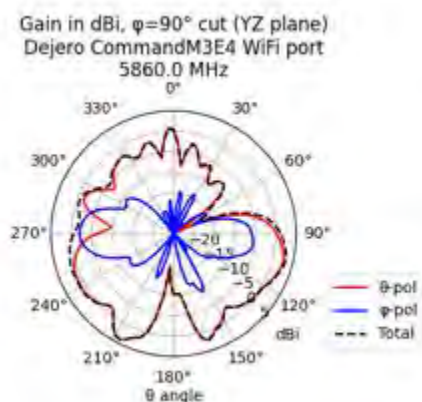
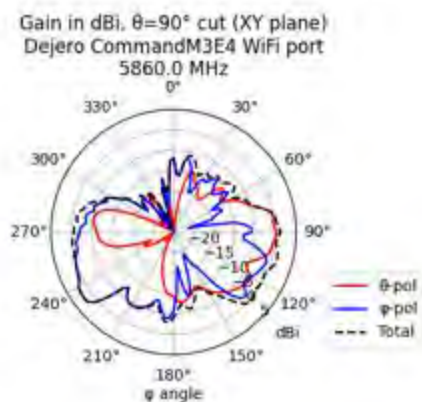
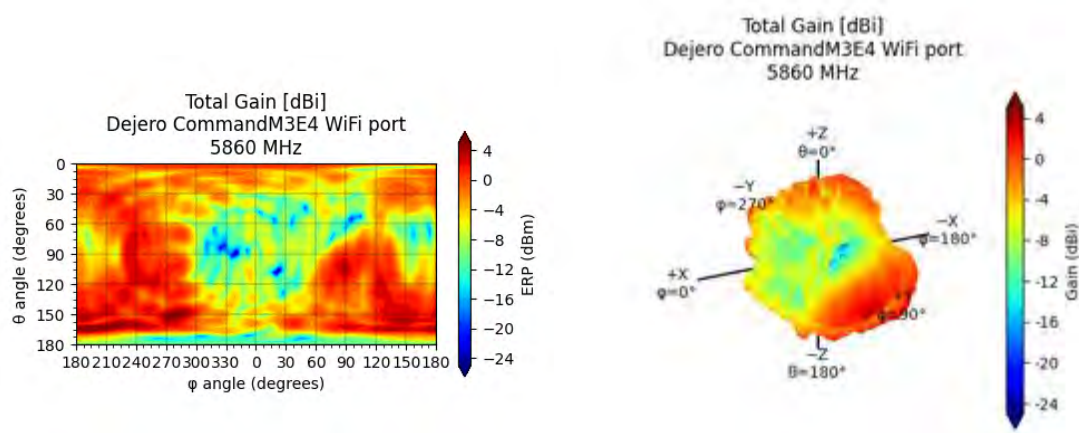
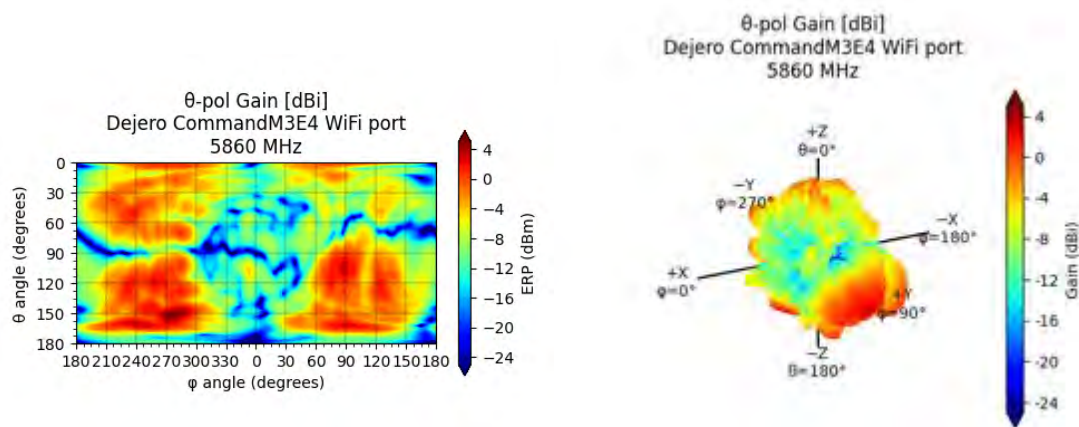
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

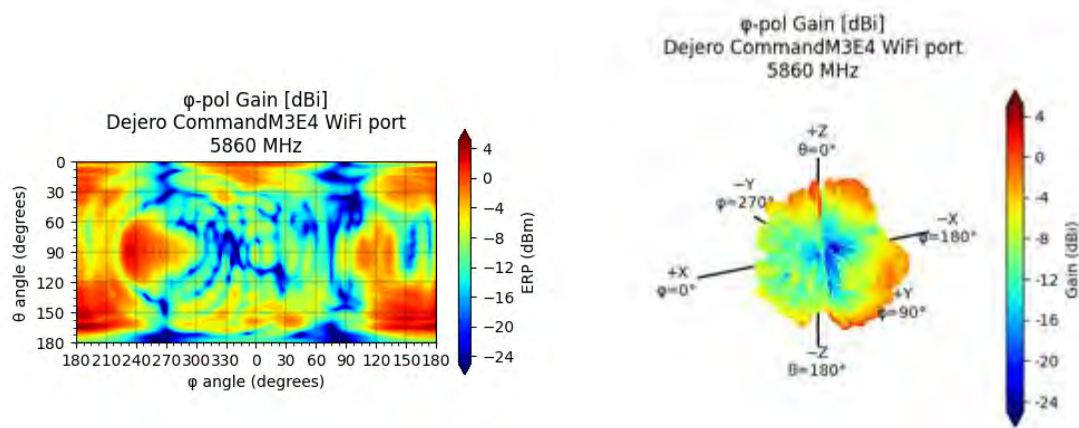
Figure 204 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5860 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 205 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5860 MHz.

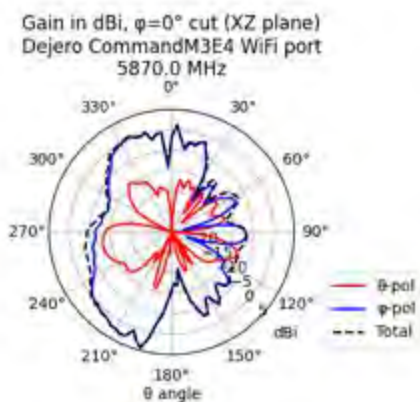
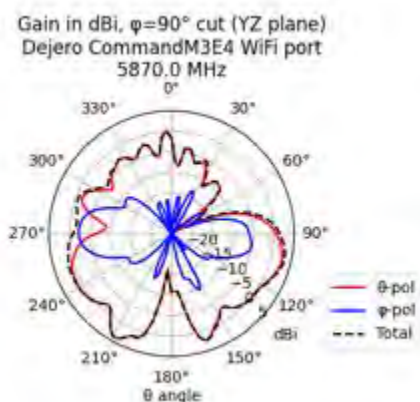
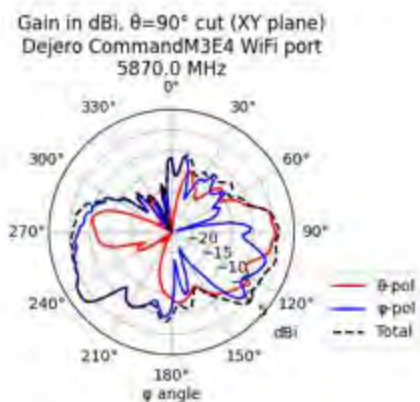
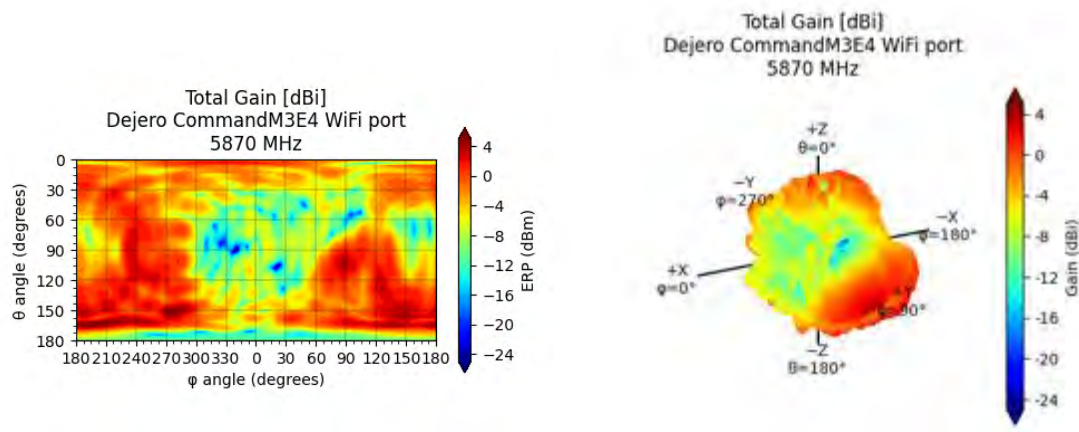
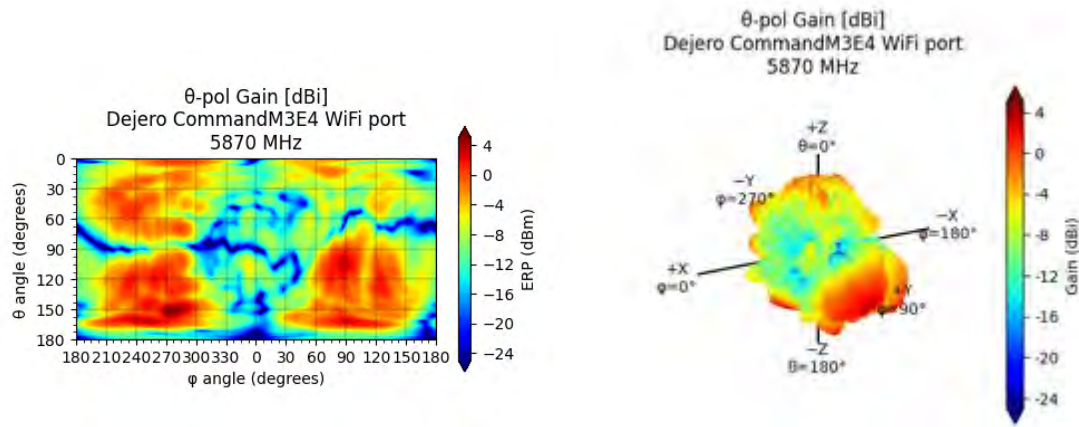
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

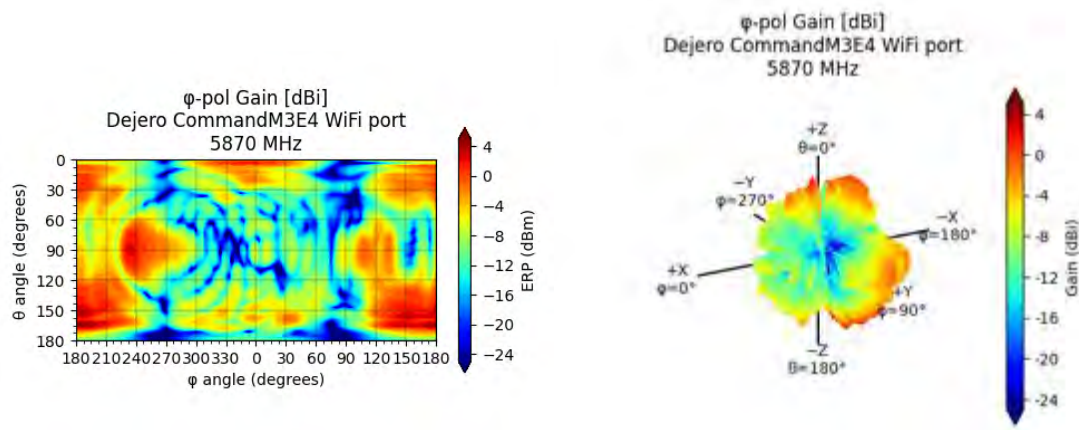
Figure 206 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5870 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 207 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5870 MHz.

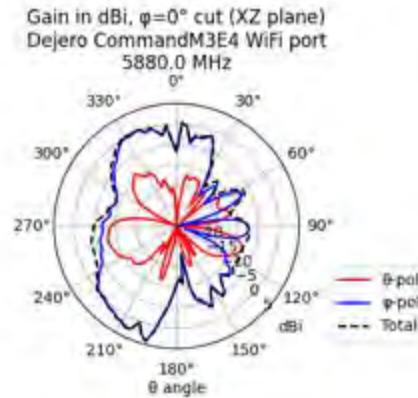
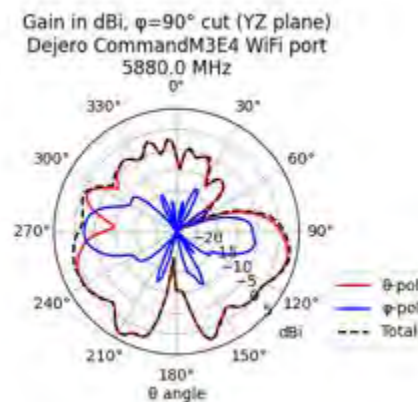
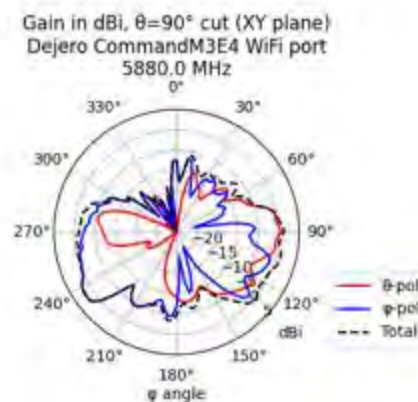
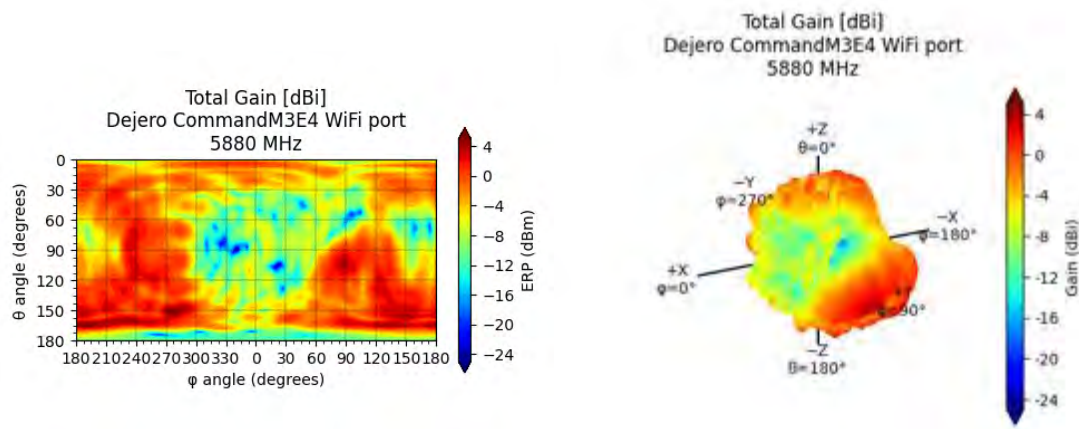
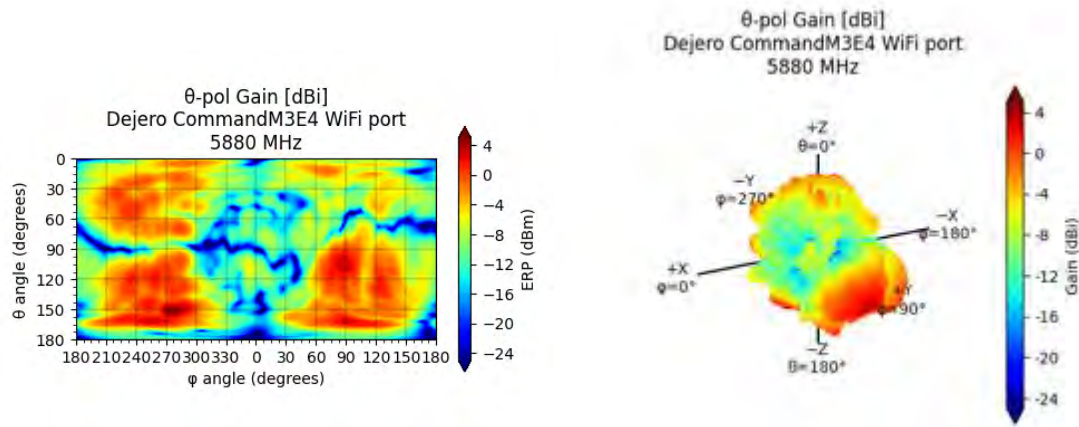
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

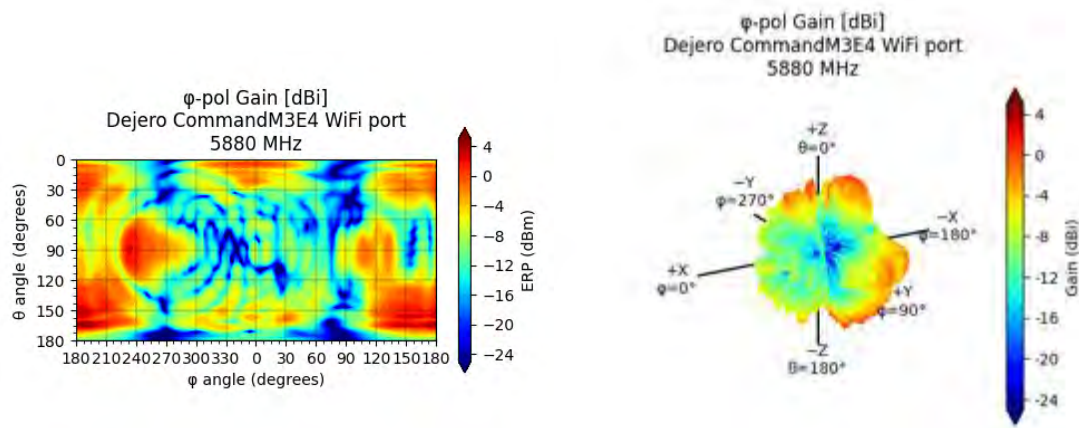
Figure 208 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5880 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 209 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5880 MHz.

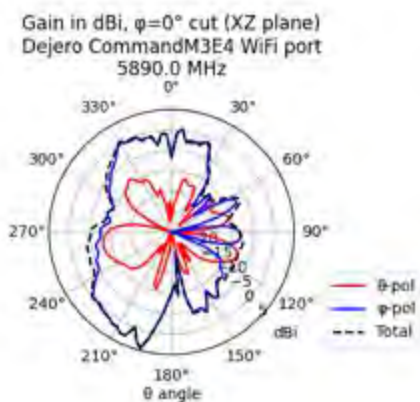
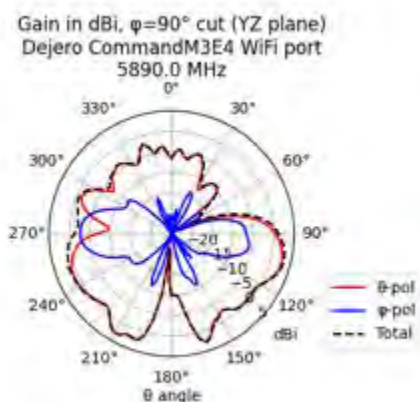
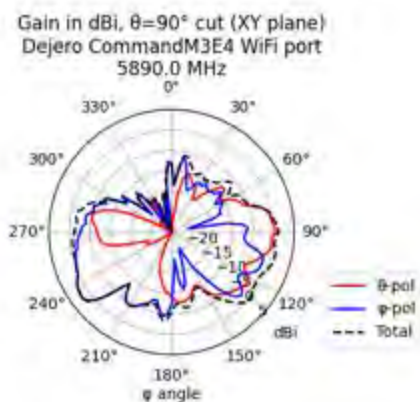
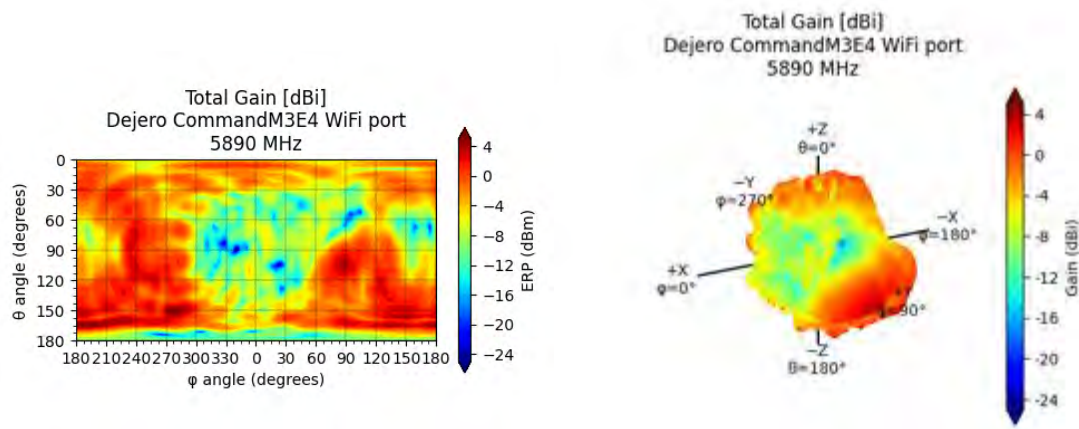
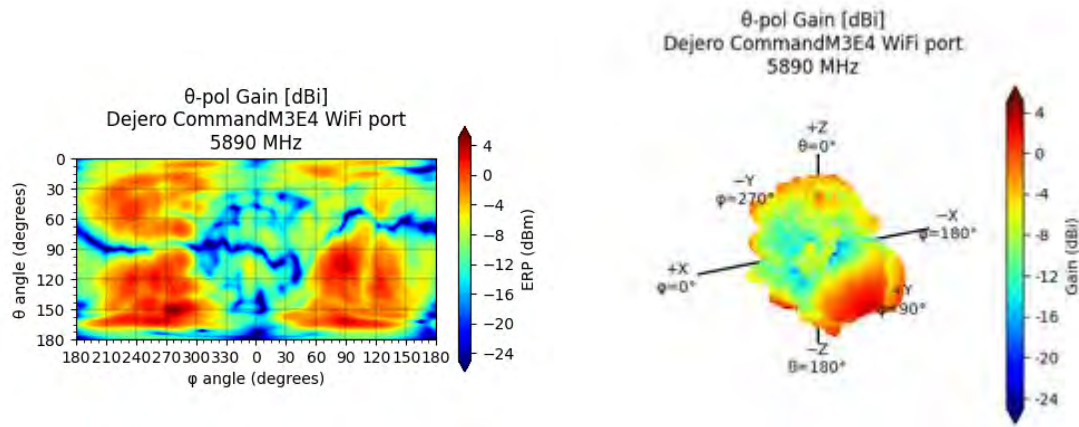
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

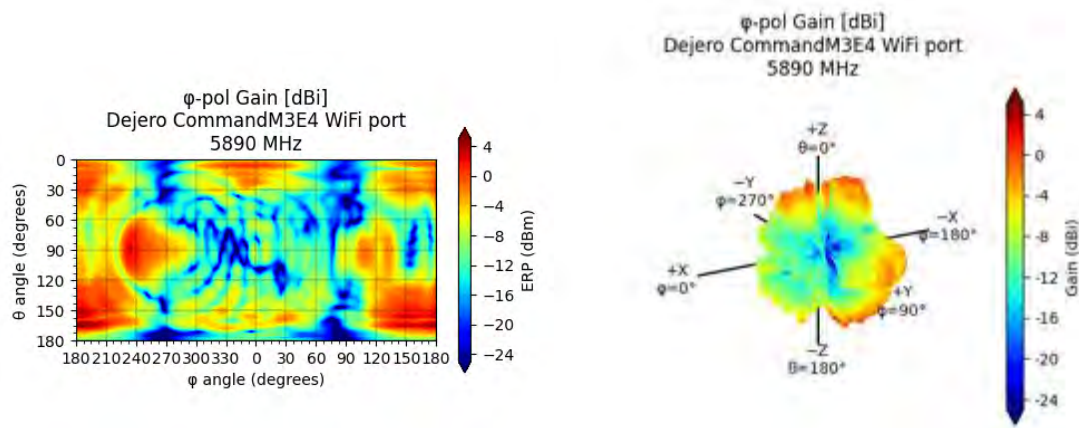
Figure 210 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5890 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 211 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5890 MHz.

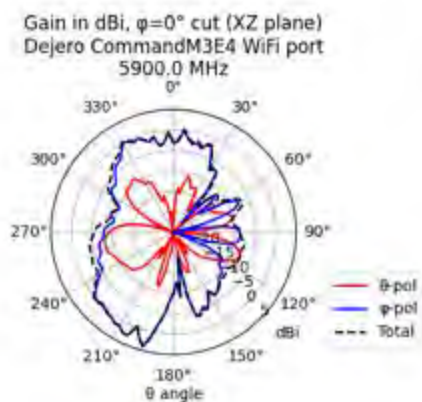
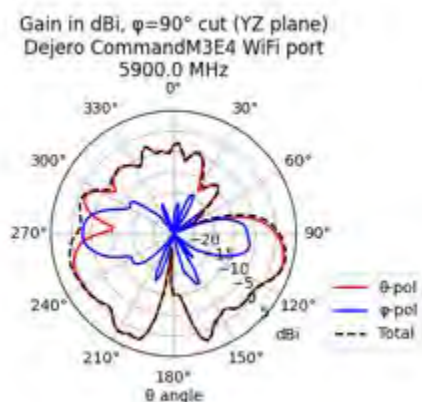
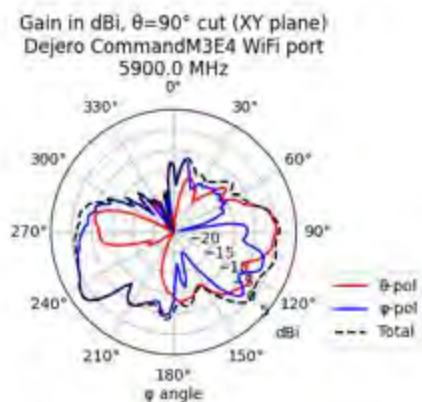
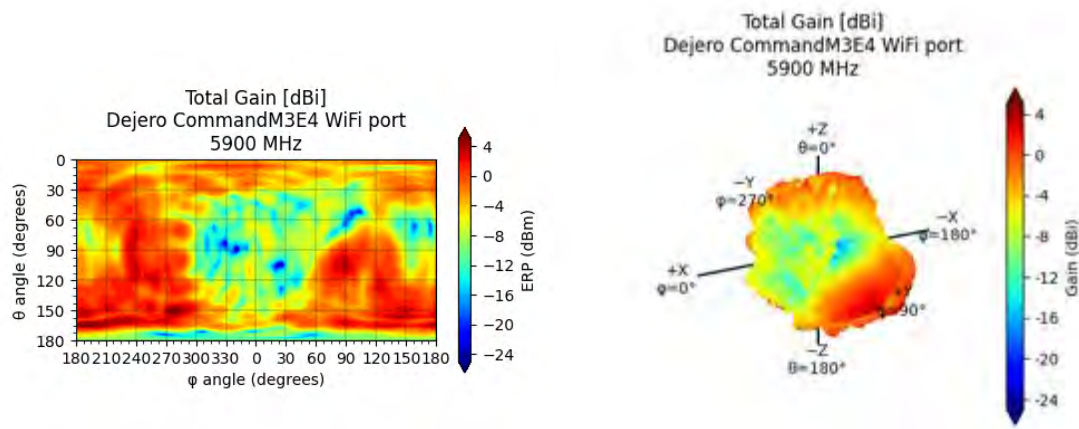
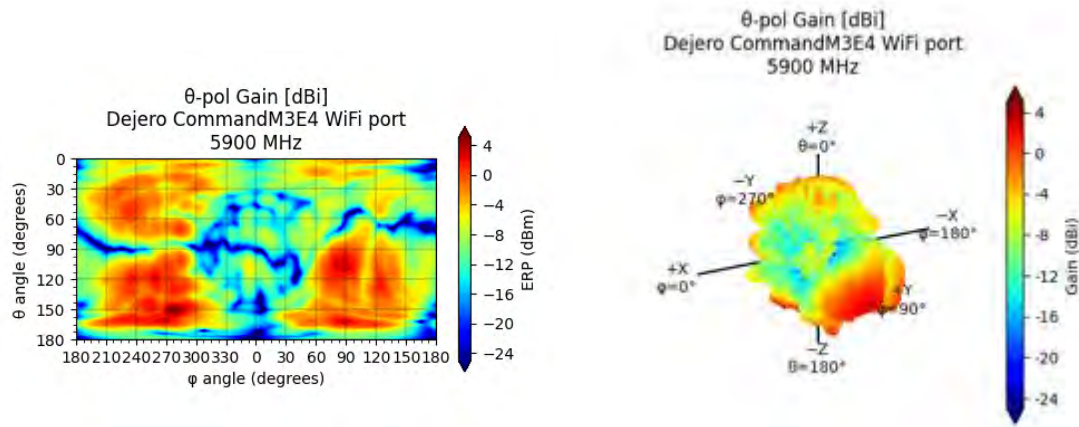
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

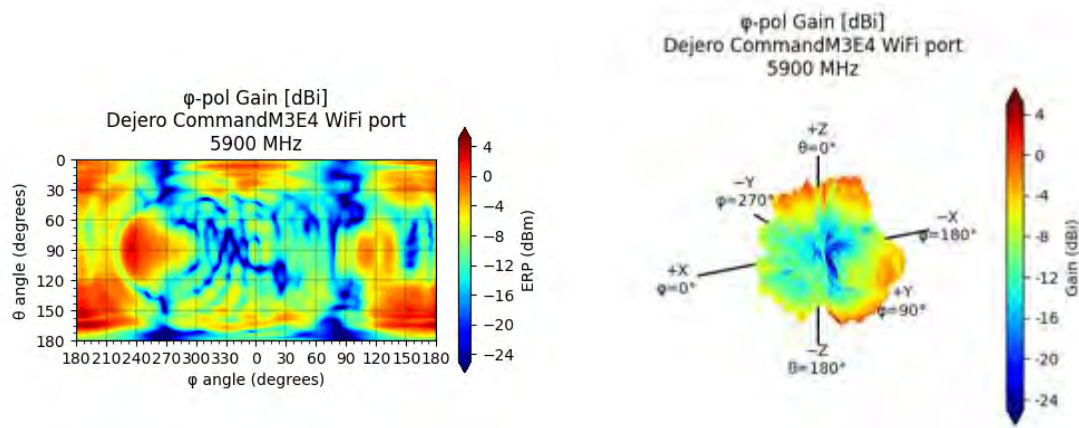
Figure 212 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5900 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 213 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5900 MHz.

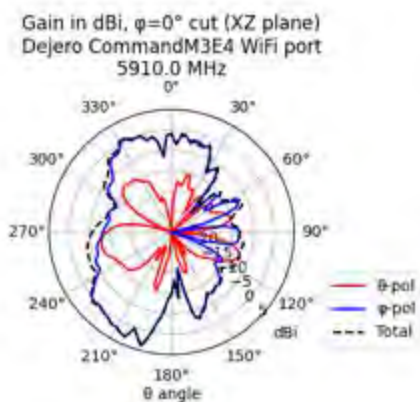
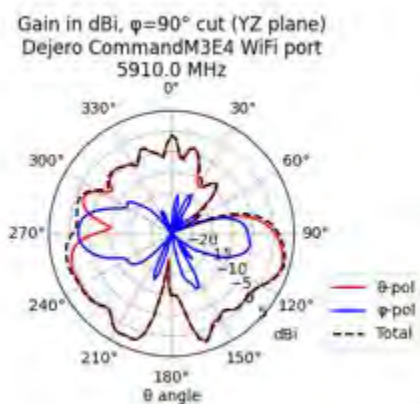
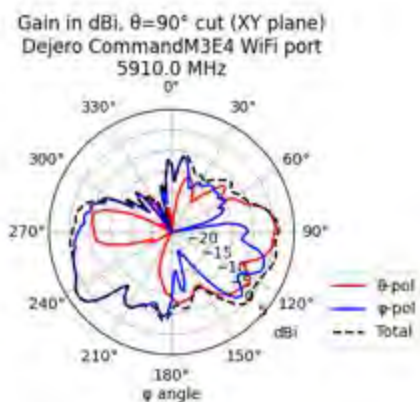
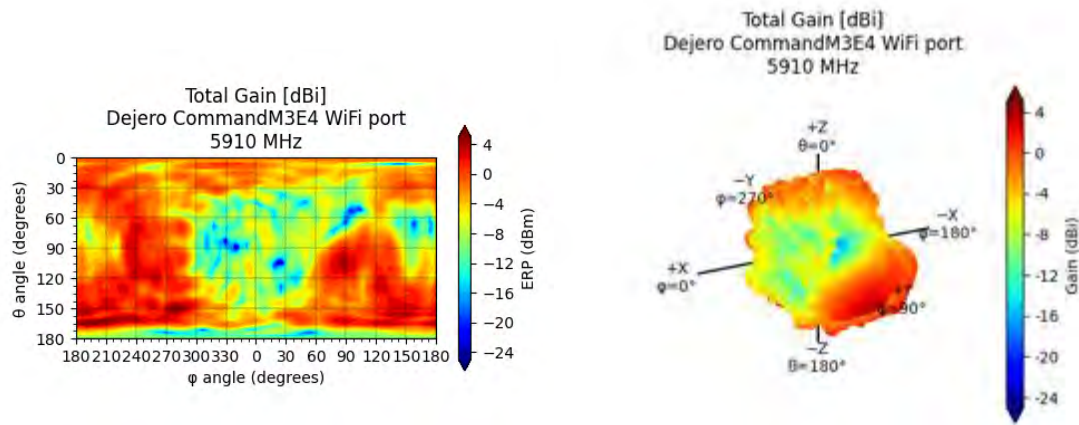
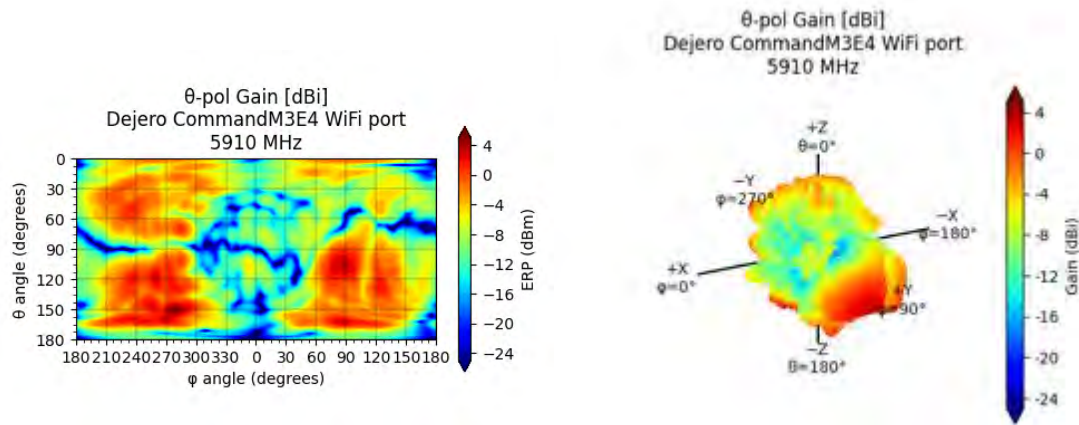
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

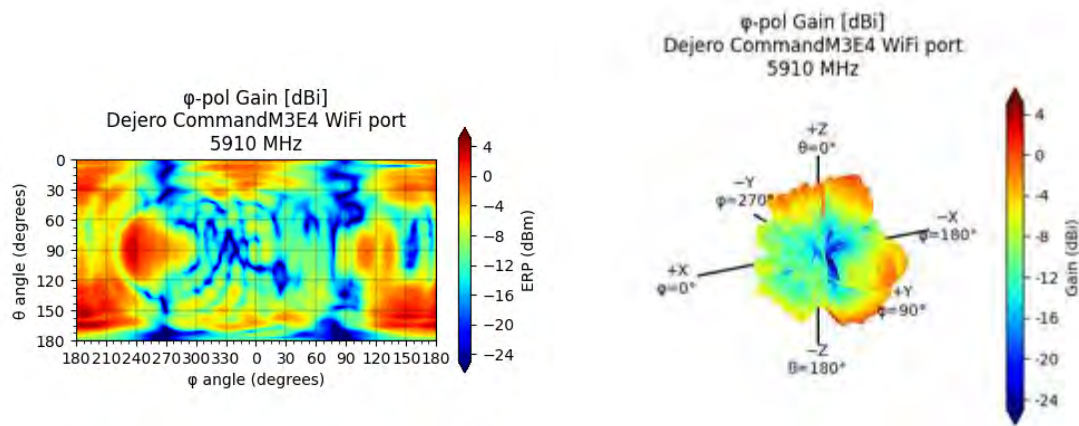
Figure 214 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5910 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 215 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5910 MHz.

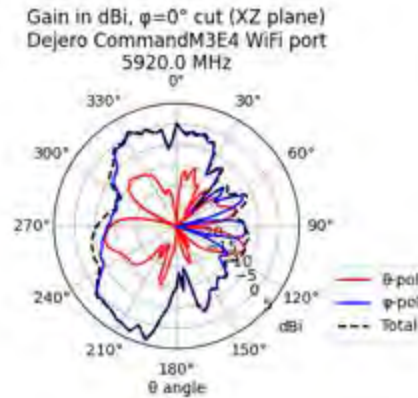
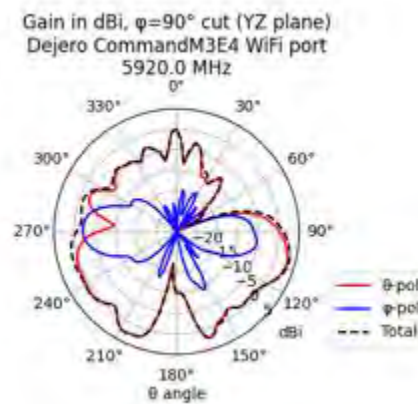
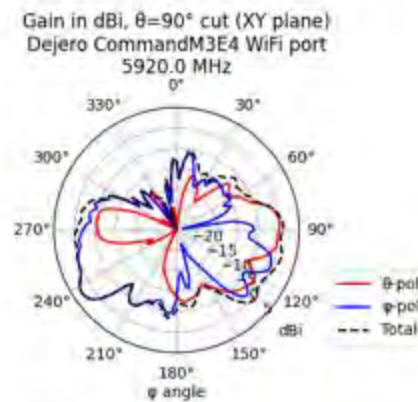
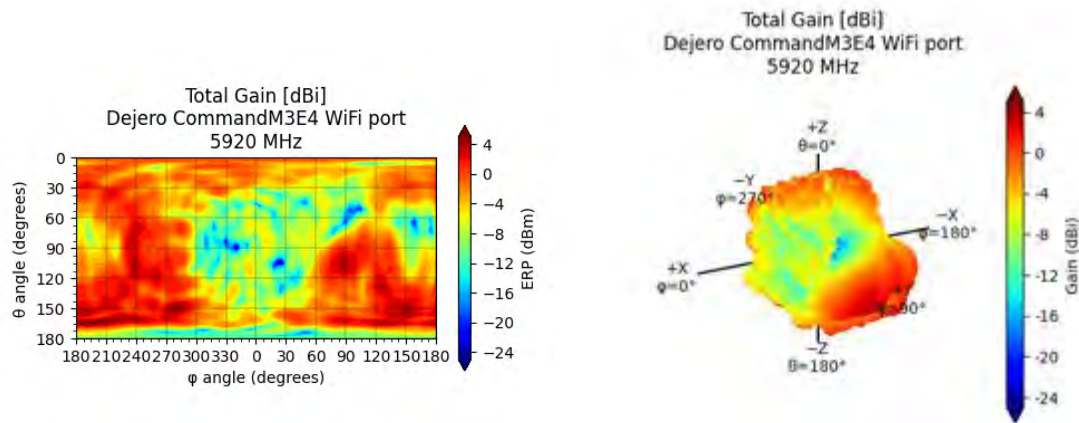
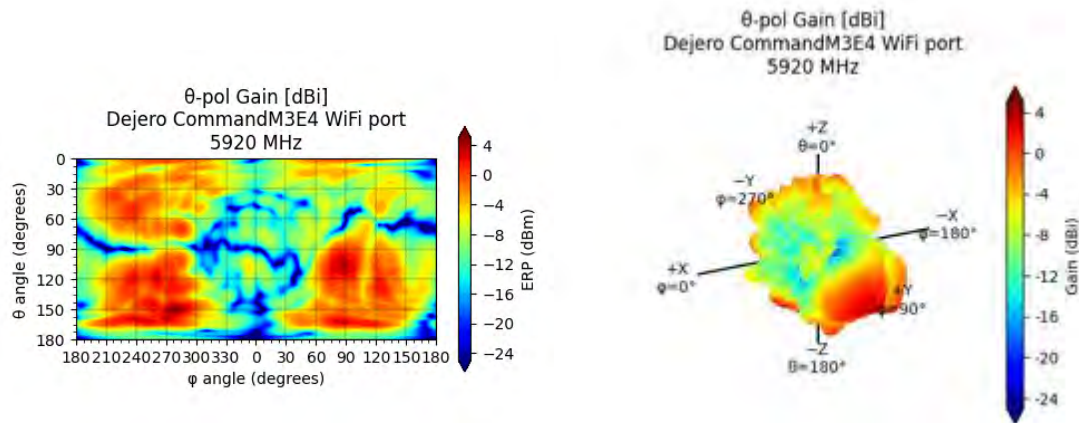
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

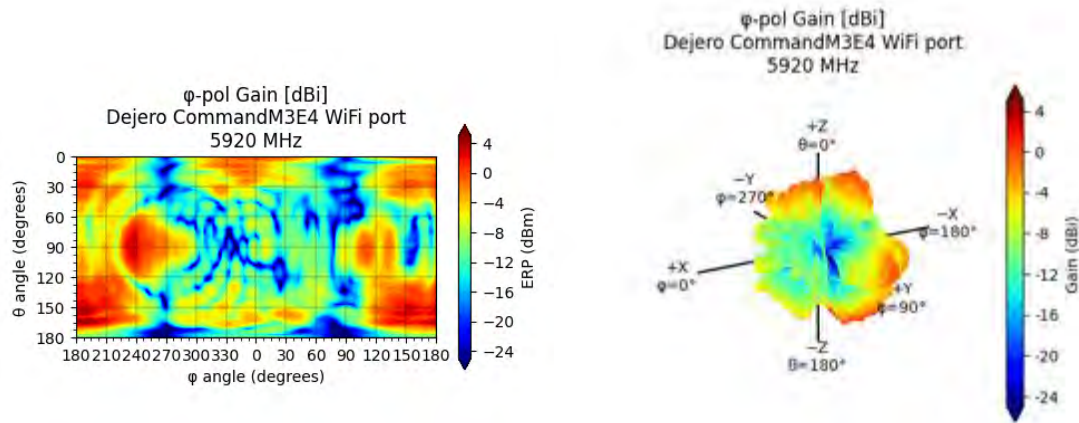
Figure 216 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5920 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 217 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5920 MHz.

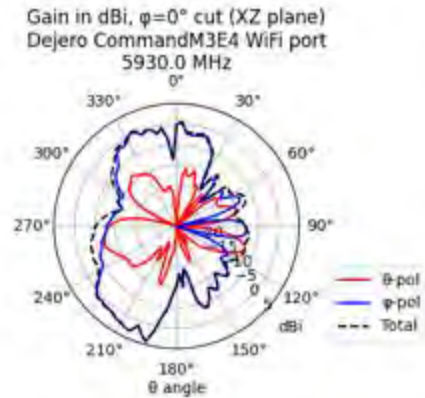
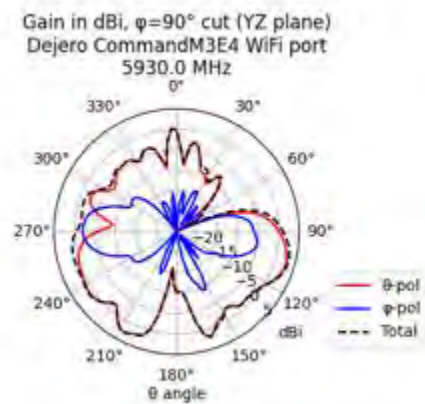
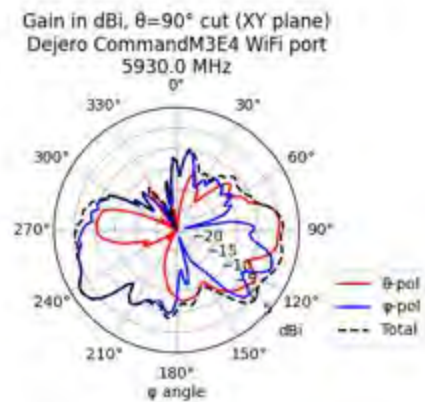
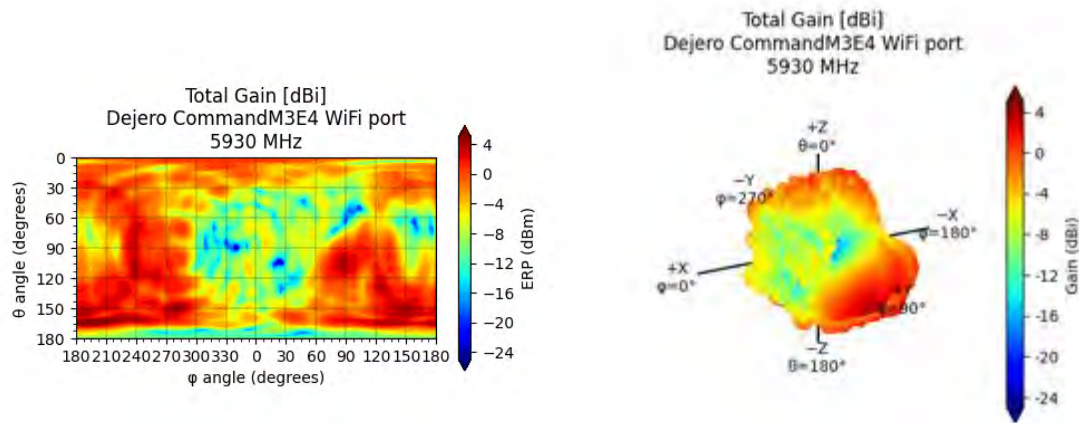
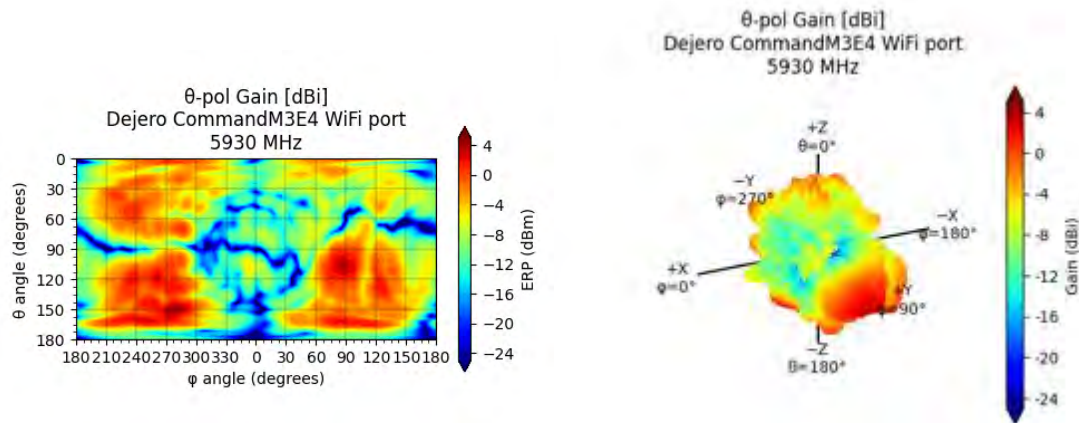
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

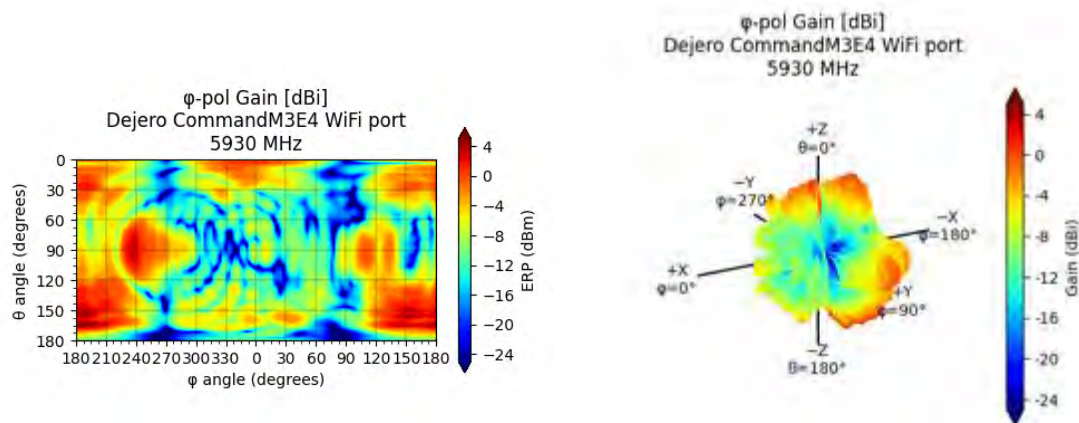
Figure 218 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5930 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 219 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5930 MHz.

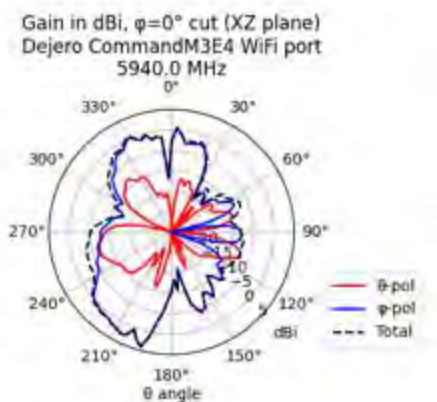
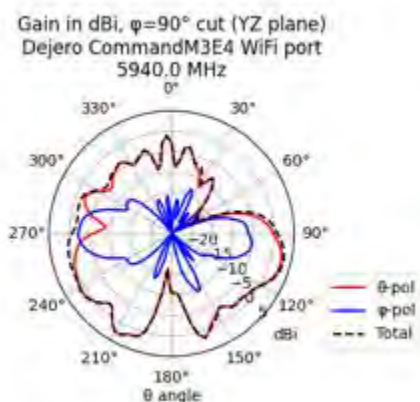
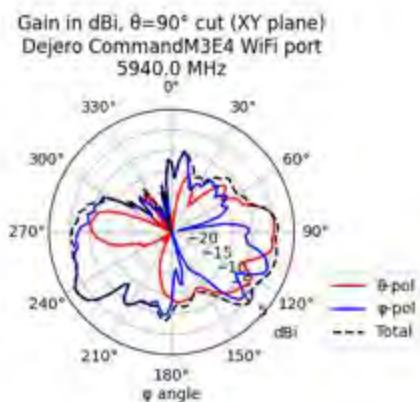
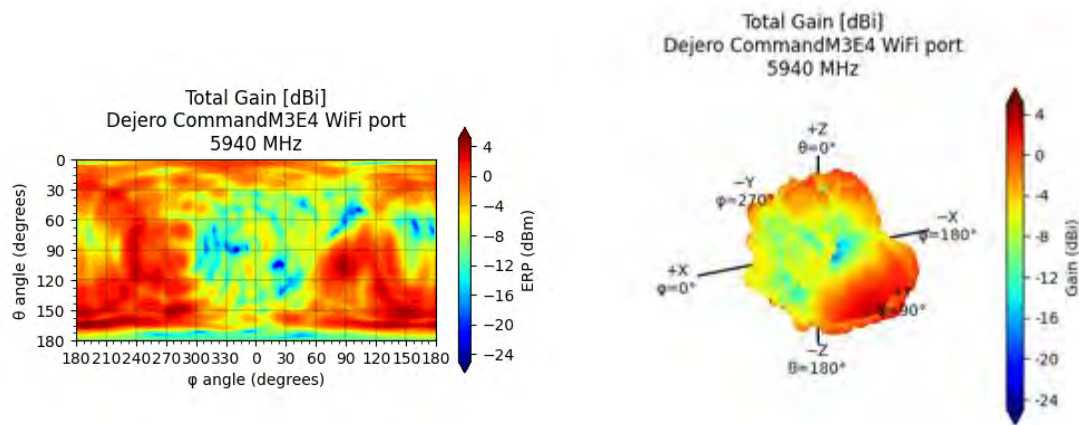
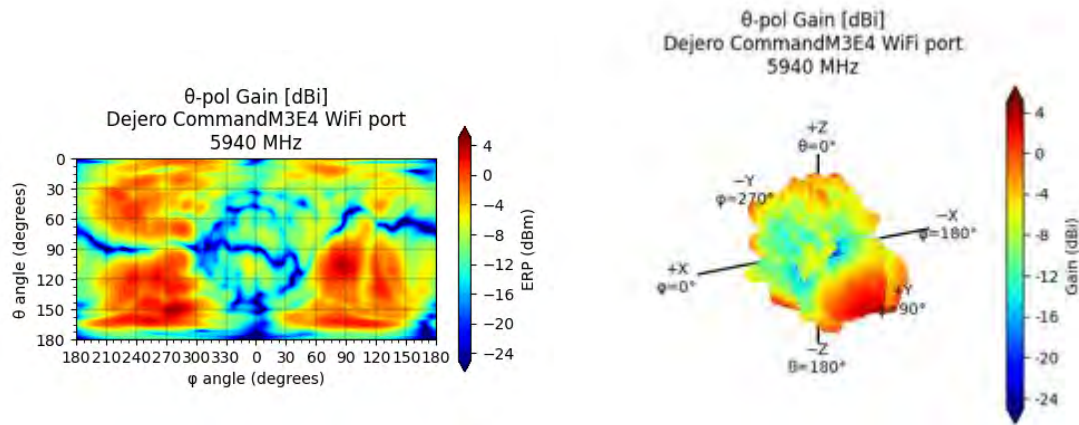
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

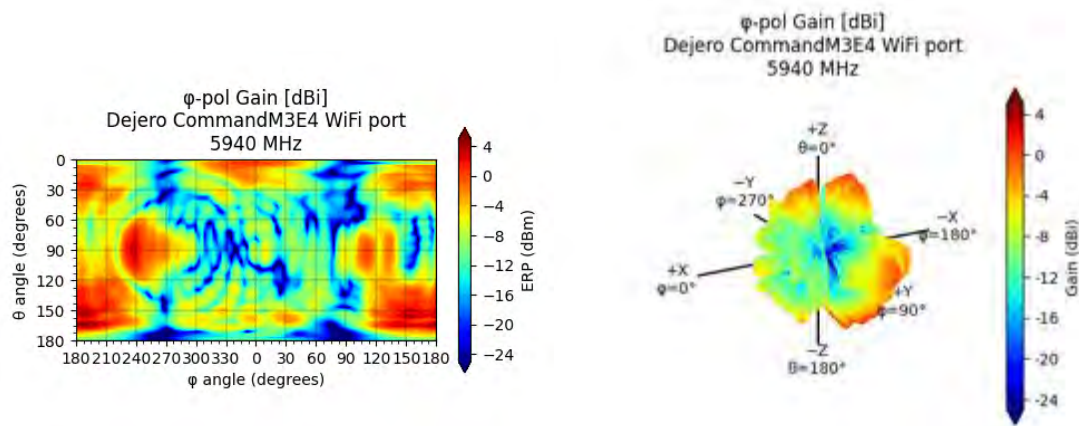
Figure 220 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5940 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 221 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5940 MHz.

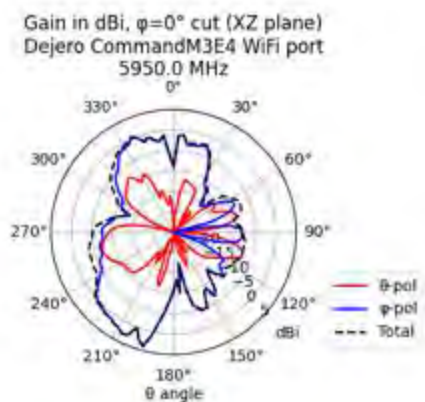
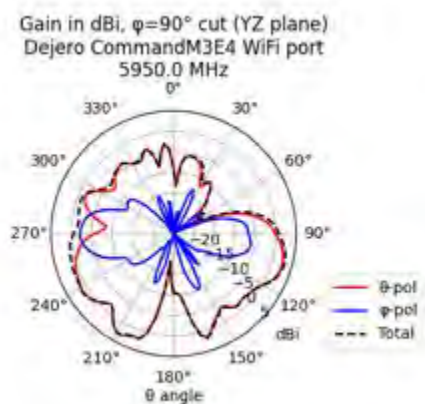
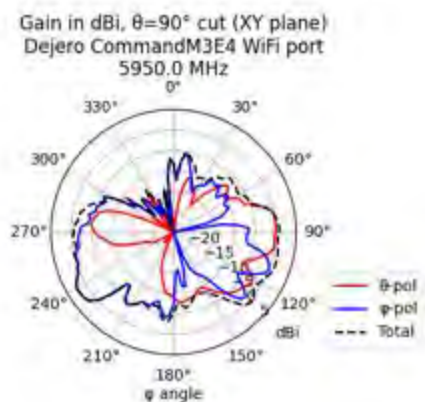
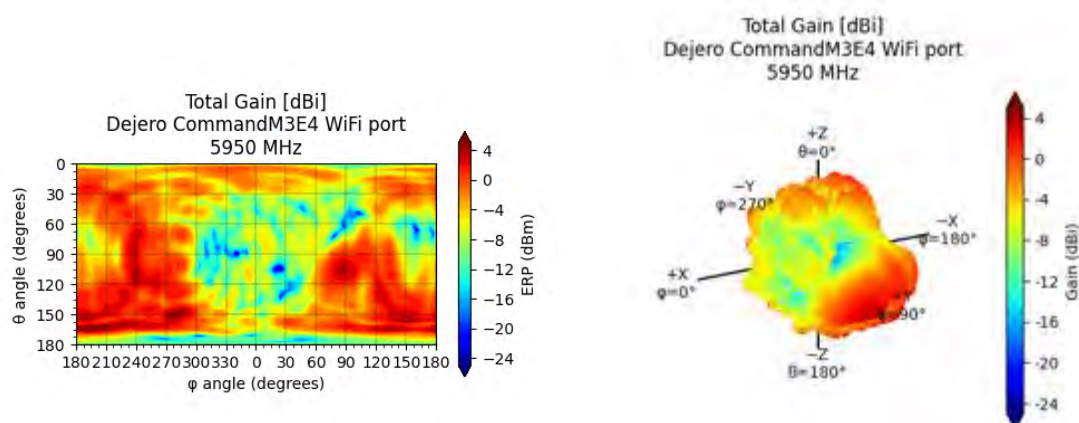
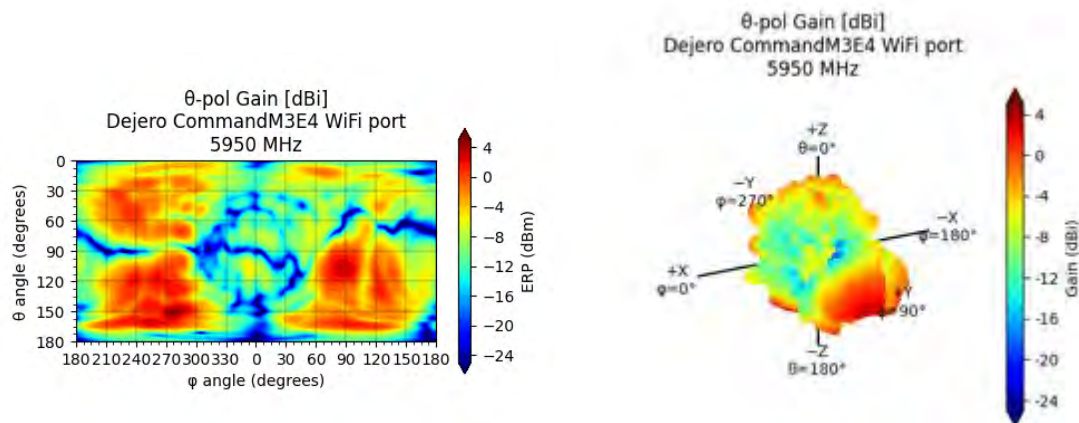
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

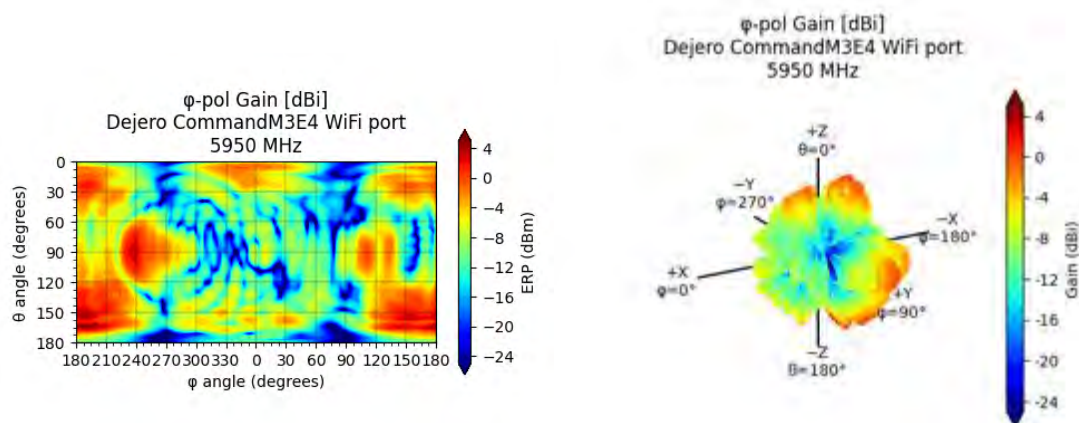
Figure 222 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5950 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 223 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5950 MHz.

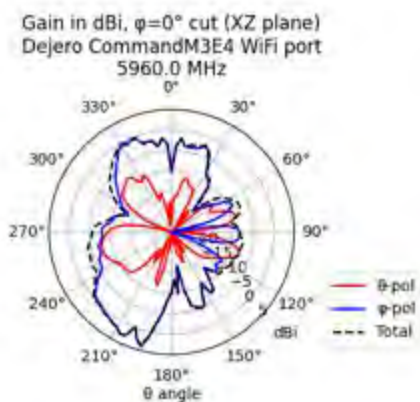
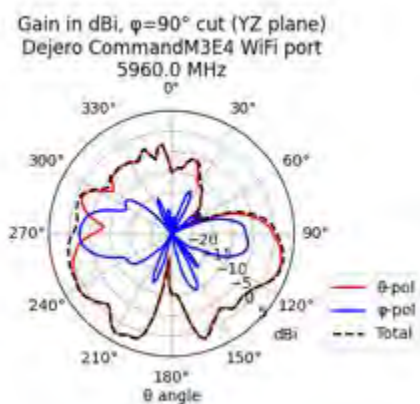
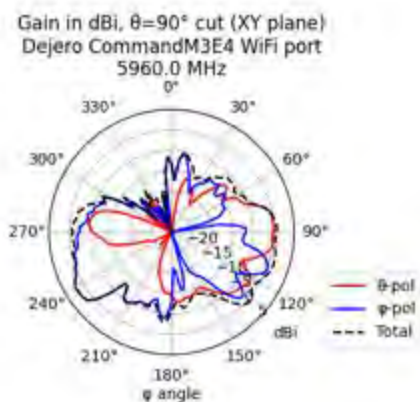
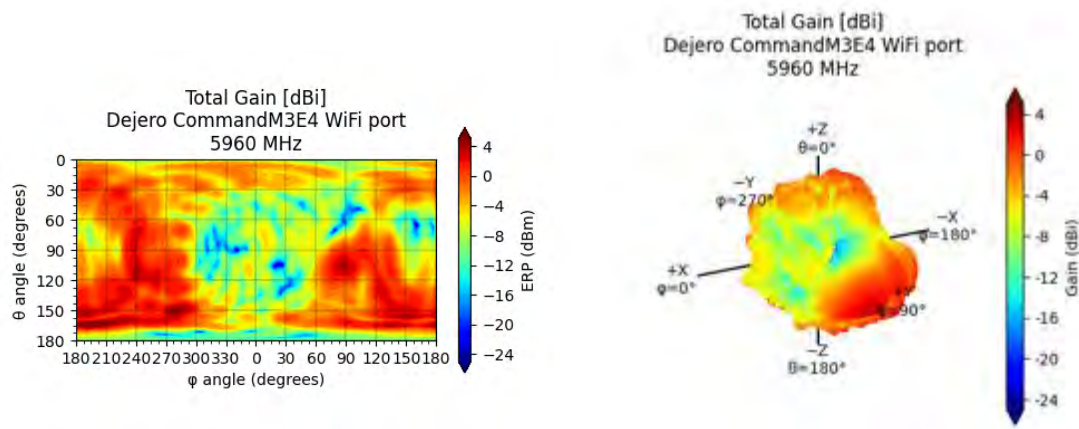
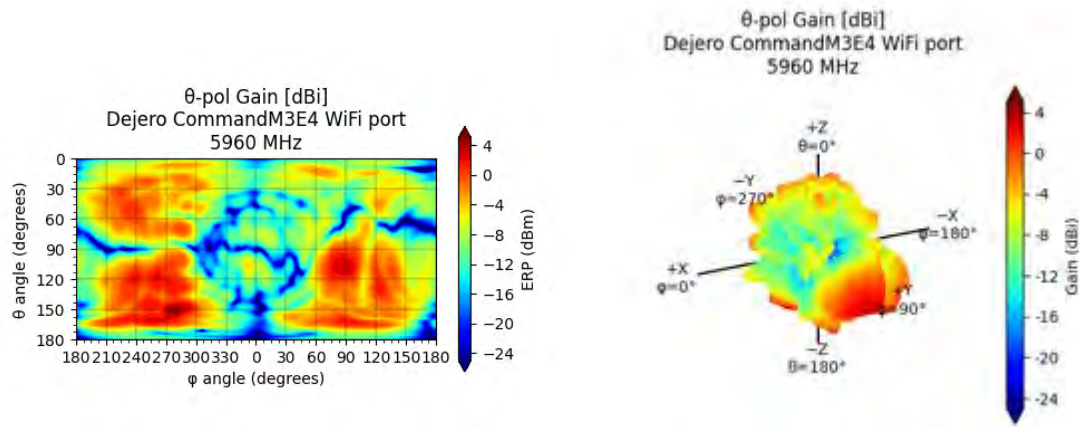
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

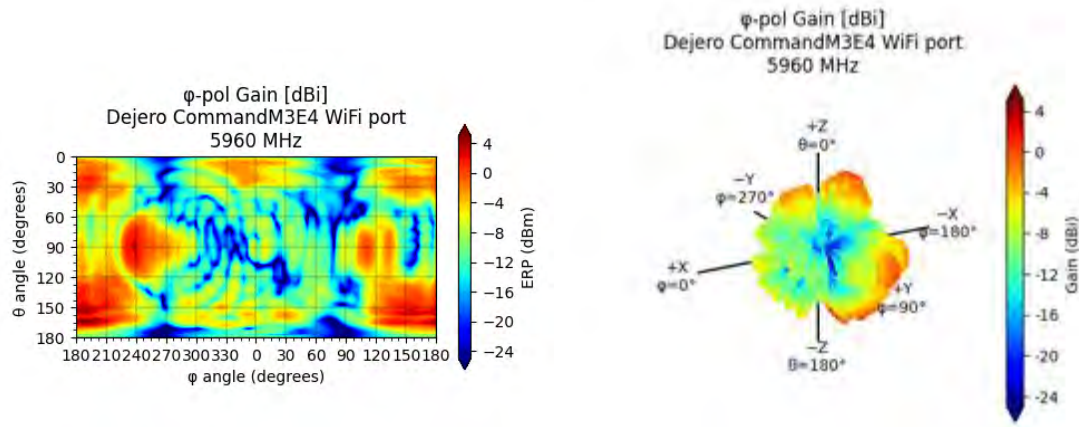
Figure 224 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5960 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 225 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5960 MHz.

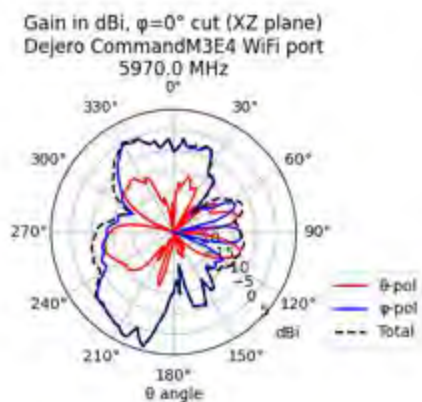
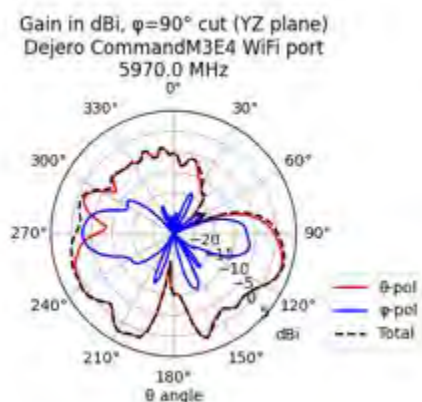
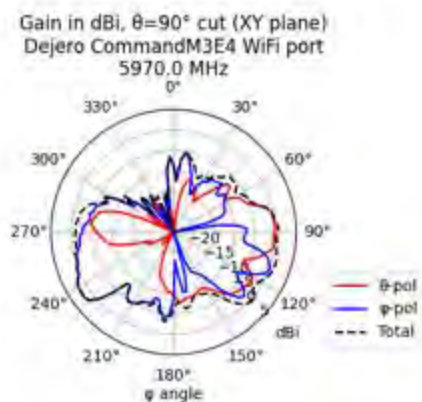
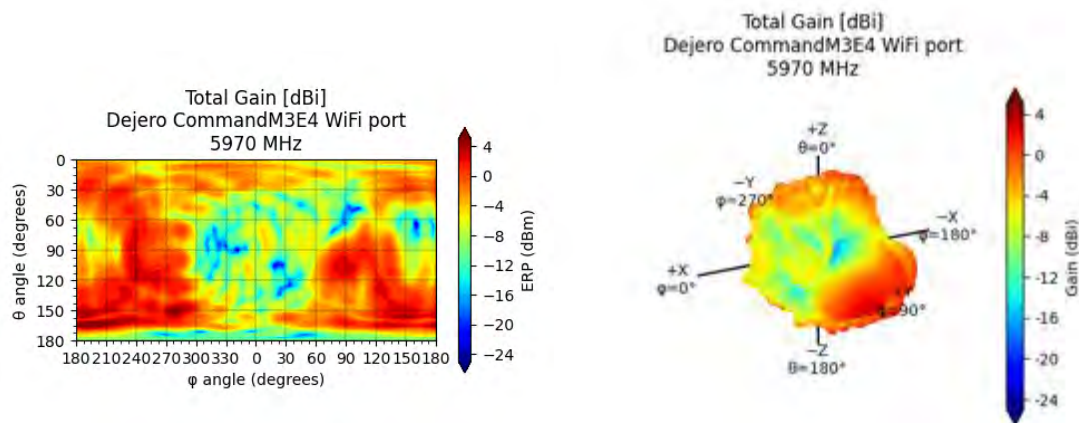
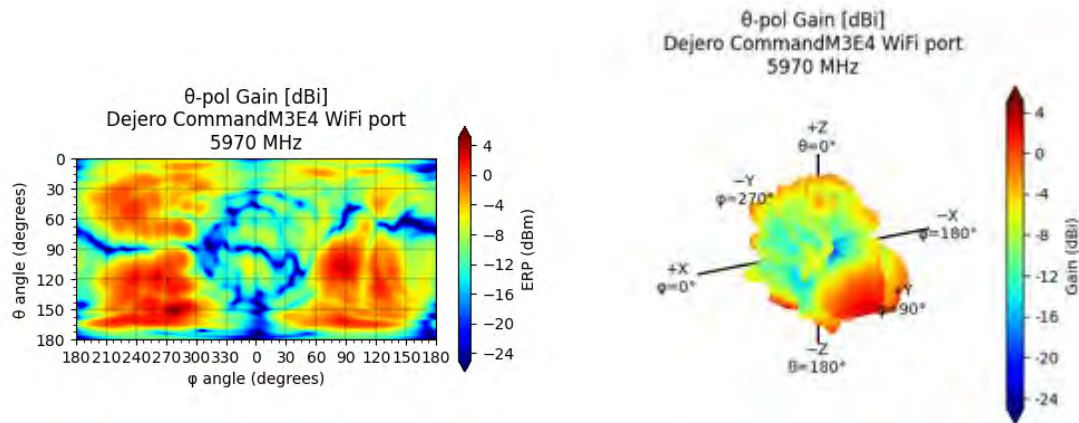
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

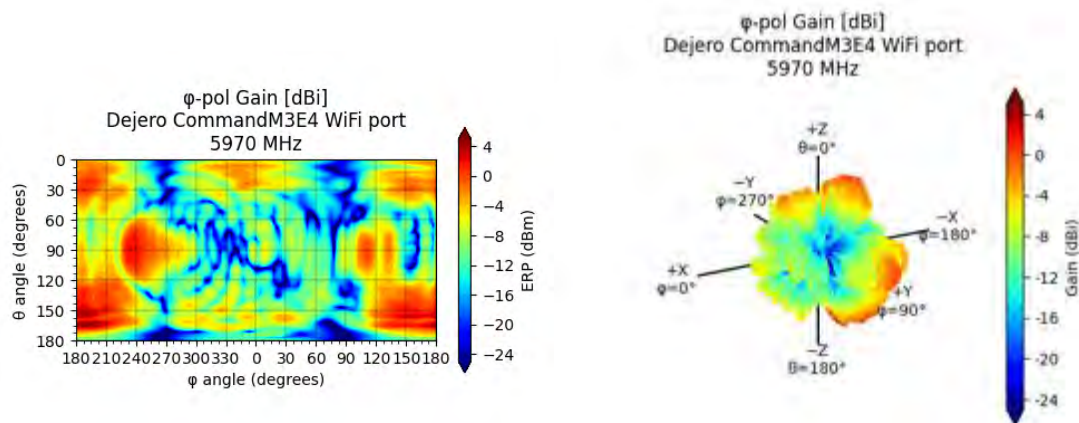
Figure 226 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5970 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 227 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5970 MHz.

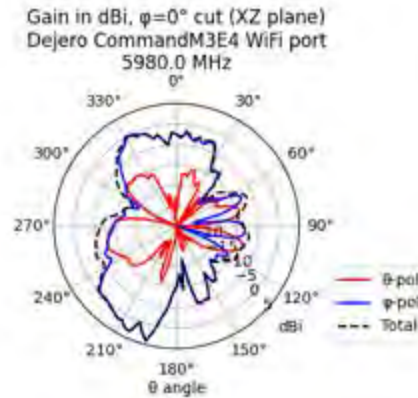
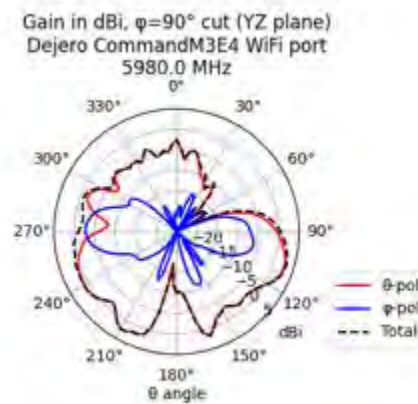
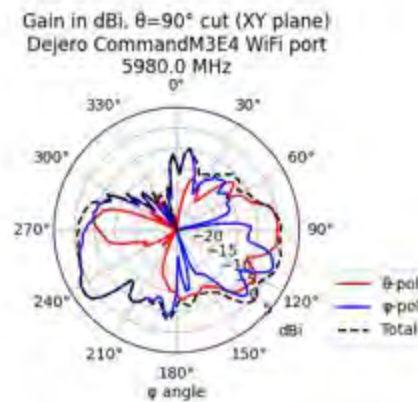
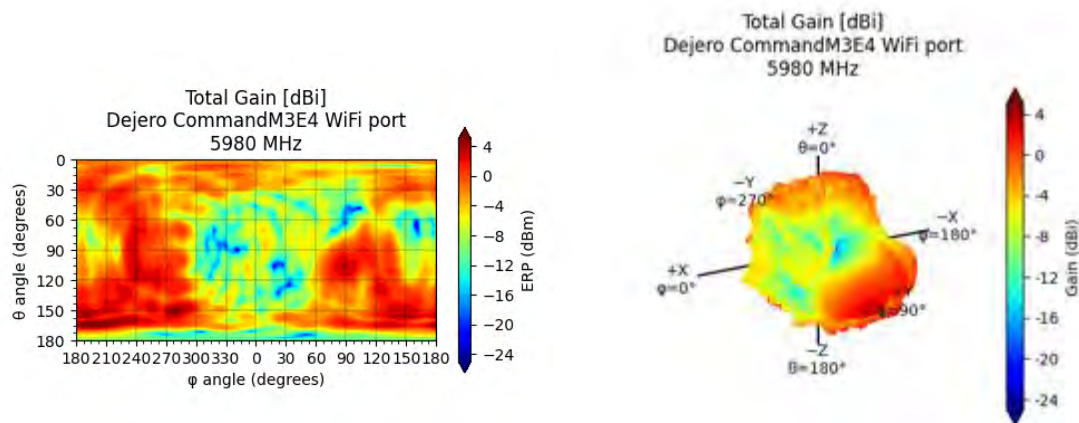
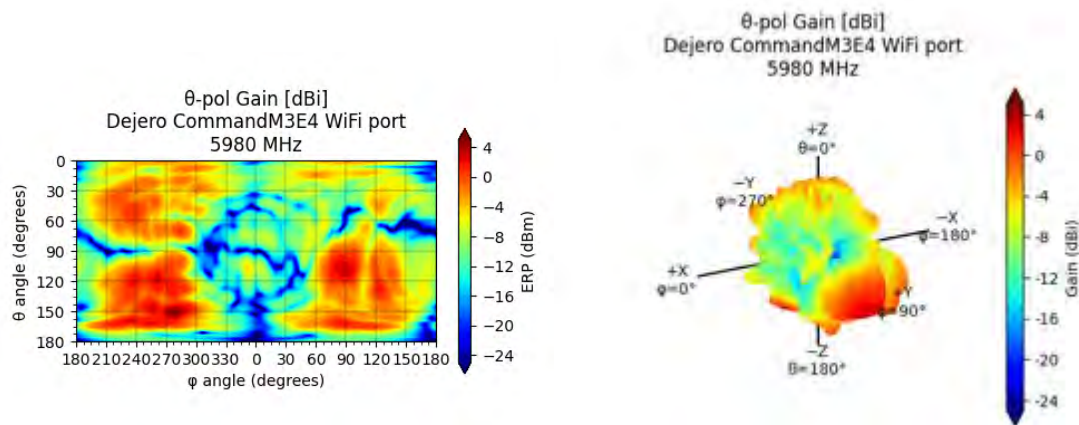
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

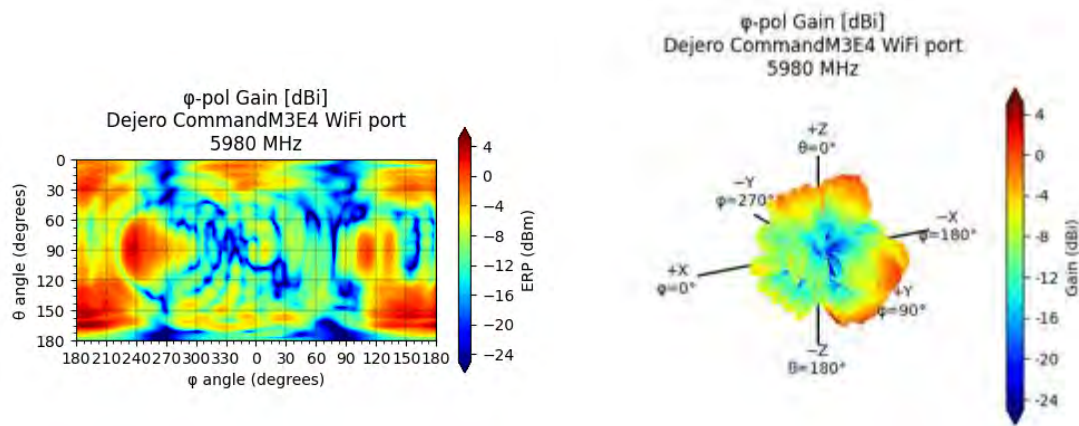
Figure 228 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5980 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 229 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5980 MHz.

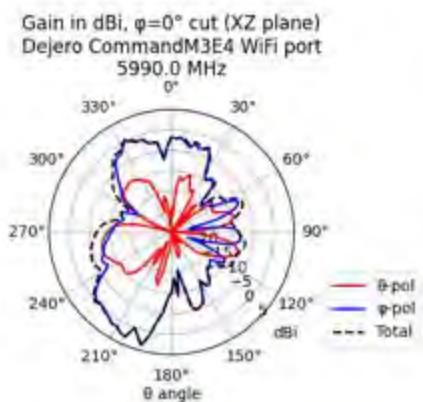
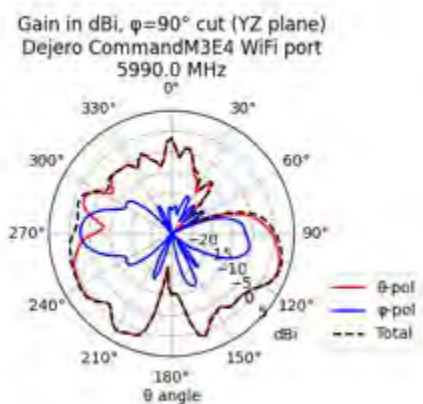
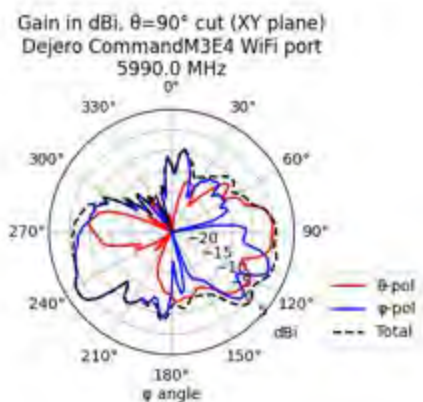
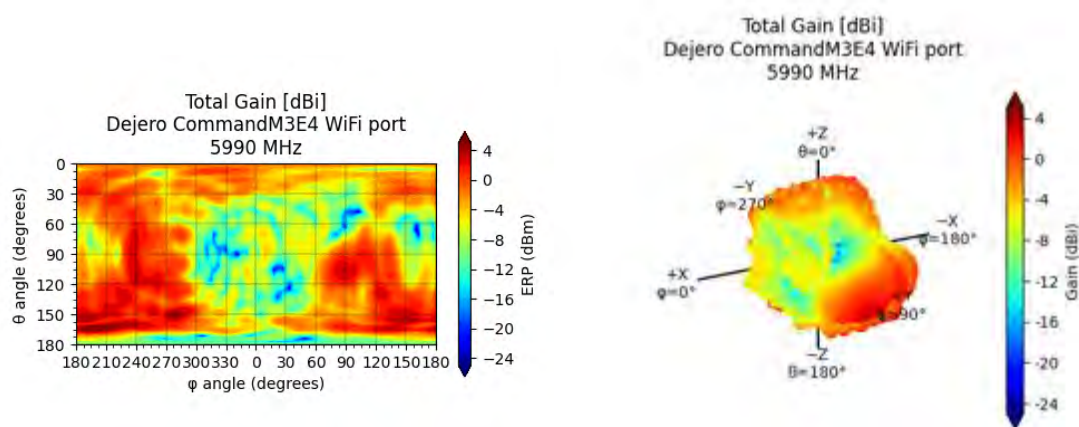
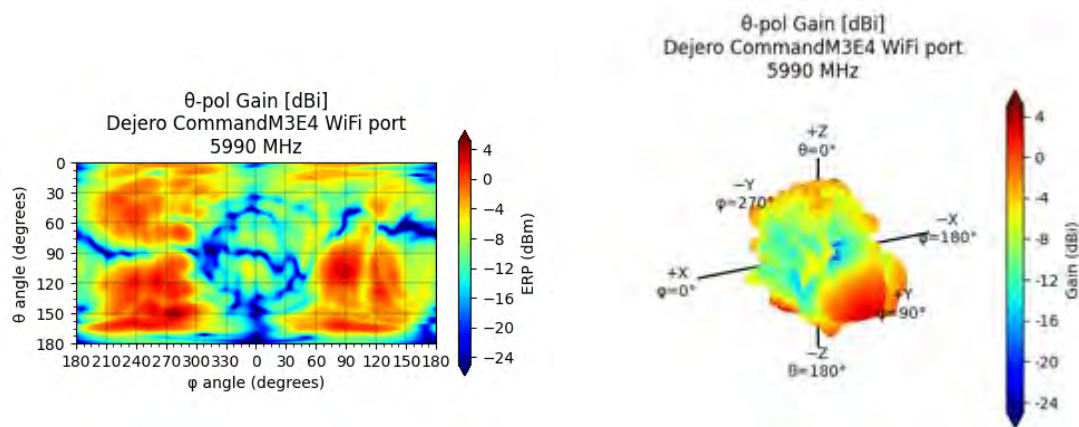
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

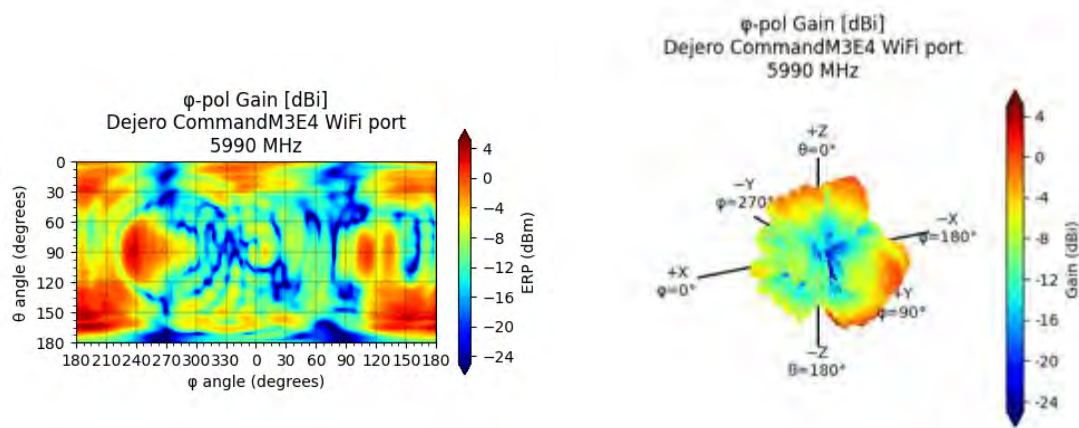
Figure 230 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 5990 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 231 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 5990 MHz.

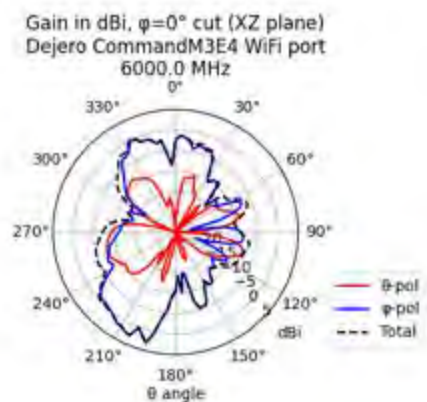
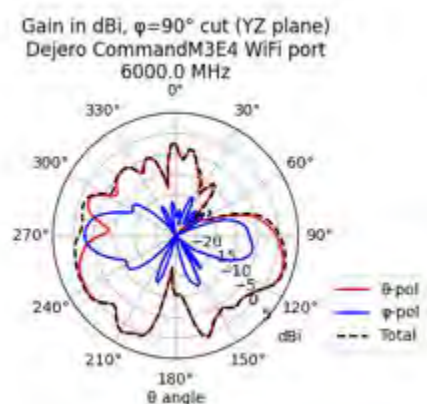
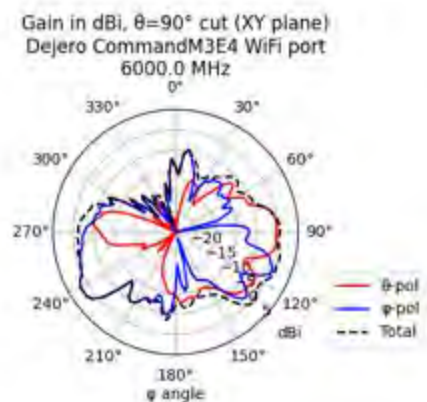
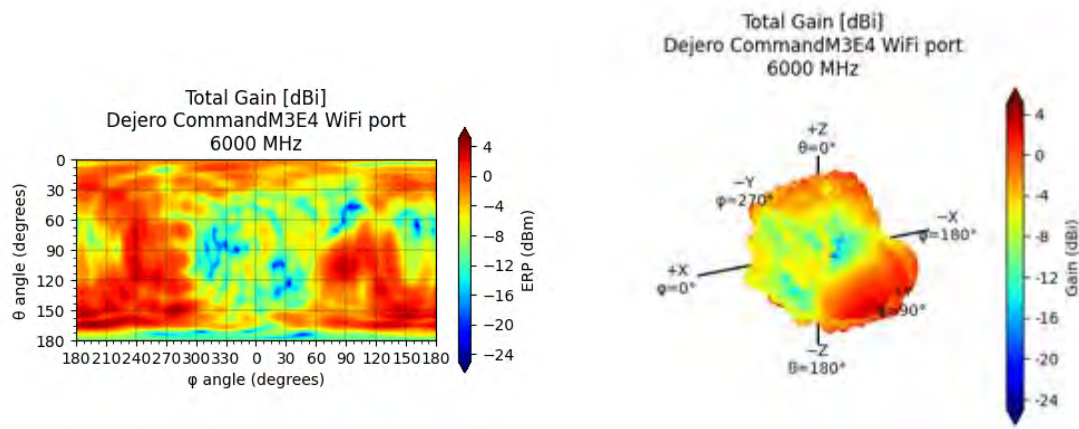
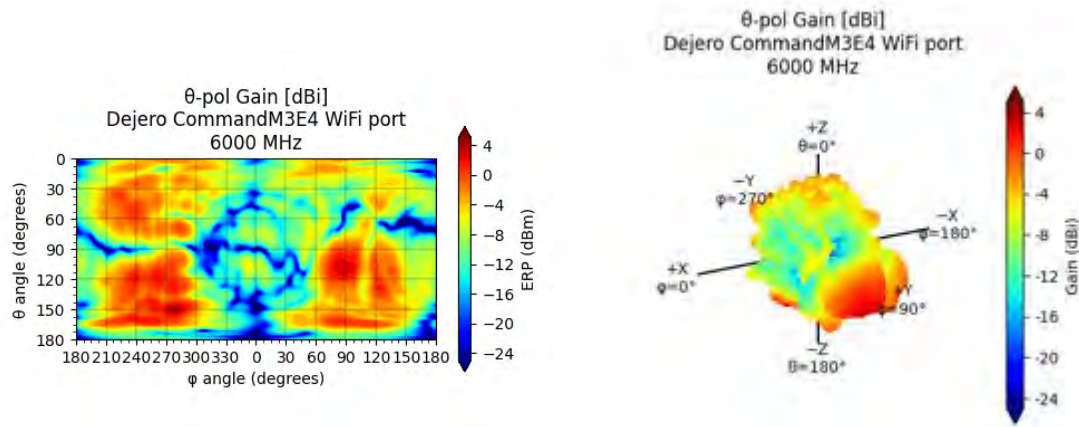
(a) $\Phi=0$ degree cut (XZ-plane).(b) $\Phi=90$ degree cut (YZ-plane).(c) $\Theta=90$ degree cut (XY-plane).

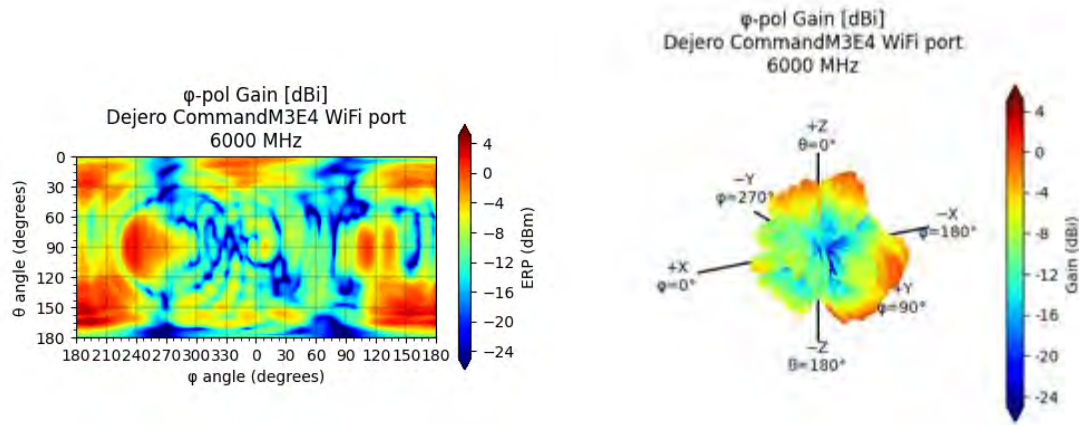
Figure 232 Gain pattern cuts of Dejero CommandM3E4 WiFi port at 6000 MHz.



(a) Total gain contour and 3d plots.



(b) Theta-pol gain contour and 3d plots.



(c) Phi-pol gain contour and 3d plots.

Figure 233 Gain contour and 3d patterns of Dejero CommandM3E4 WiFi port at 6000 MHz.

SIGNATURE CERTIFICATE



REFERENCE NUMBER

0765E854-D8E8-4C1E-897E-F491D764341A

TRANSACTION DETAILS

Reference Number

0765E854-D8E8-4C1E-897E-F491D764341A

Transaction Type

Signature Request

Sent At

11/17/2025 18:01:22 EST

Executed At

11/17/2025 18:07:36 EST

Identity Method

email

Distribution Method

email

Signed Checksum

19dcce02dfa554994ee8cbf5188bc790a36e6b7a89dfcd4414a773cda0d3120e

Signer Sequencing

Enabled

Document Passcode

Disabled

DOCUMENT DETAILS

Document Name

RPT 25318-001 WiFi Port 1

Filename

RPT_25318-001_WiFi_Port_1.pdf

Pages

1 page

Content Type

application/pdf

File Size

111 KB

Original Checksum

5a49b111bcdead097b333e2890b0626c9468aa721d9c8db4ea9628c622000594

SIGNERS

SIGNER	E-SIGNATURE	EVENTS
Name Ko Takamizawa Email ko.takamizawa@wrc-nc.org Signer Sequence 1 Components 2	Status signed Multi-factor Digital Fingerprint Checksum 4f53cda18c2baa0c0354bb5f9a3ecbe5ed12ab4d8e11ba873c2f11161202b945 IP Address 71.246.251.227 Device Chrome via Windows Typed Signature  Signature Reference ID C49F3A61	Viewed At 11/17/2025 18:05:50 EST Identity Authenticated At 11/17/2025 18:07:36 EST Signed At 11/17/2025 18:07:36 EST
Name Jordan Stearns Email jordan.stearns@wrc-nc.org Signer Sequence 0 Components 2	Status signed Multi-factor Digital Fingerprint Checksum 4f53cda18c2baa0c0354bb5f9a3ecbe5ed12ab4d8e11ba873c2f11161202b945 IP Address 64.98.84.202 Device Chrome via Mac Typed Signature  Signature Reference ID 4C2CC4EA	Viewed At 11/17/2025 18:05:12 EST Identity Authenticated At 11/17/2025 18:05:32 EST Signed At 11/17/2025 18:05:32 EST

AUDITS

TIMESTAMP	AUDIT
11/17/2025 18:01:22 EST	Jordan Stearns (jordan.stearns@wrc-nc.org) created document 'RPT_25318-001_WiFi_Port_1.pdf' on Chrome via Mac from 64.98.84.202.
11/17/2025 18:01:24 EST	Jordan Stearns (jordan.stearns@wrc-nc.org) was emailed a link to sign.
11/17/2025 18:05:12 EST	Jordan Stearns (jordan.stearns@wrc-nc.org) viewed the document on Chrome via Mac from 64.98.84.202.
11/17/2025 18:05:32 EST	Jordan Stearns (jordan.stearns@wrc-nc.org) authenticated via email on Chrome via Mac from 64.98.84.202.
11/17/2025 18:05:32 EST	Jordan Stearns (jordan.stearns@wrc-nc.org) signed the document on Chrome via Mac from 64.98.84.202.
11/17/2025 18:05:33 EST	Ko Takamizawa (ko.takamizawa@wrc-nc.org) was emailed a link to sign.

TIMESTAMP	AUDIT
11/17/2025 18:05:50 EST	Ko Takamizawa (ko.takamizawa@wrc-nc.org) viewed the document on Chrome via Windows from 71.246.251.227.
11/17/2025 18:07:36 EST	Ko Takamizawa (ko.takamizawa@wrc-nc.org) authenticated via email on Chrome via Windows from 71.246.251.227.
11/17/2025 18:07:36 EST	Ko Takamizawa (ko.takamizawa@wrc-nc.org) signed the document on Chrome via Windows from 71.246.251.227.