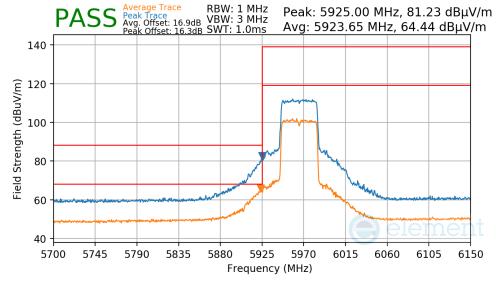


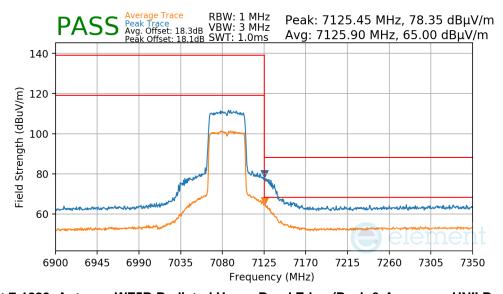
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
5965MHz
3



Plot 7-1279. Antenna WF5B Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 7085MHz
Channel: 227



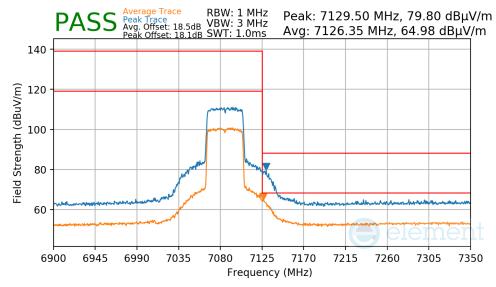
Plot 7-1280. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

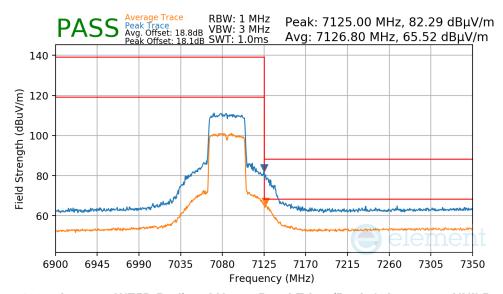
802.11ax
MCS4
3 Meters
7085MHz
227



Plot 7-1281. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
7085MHz
227



Plot 7-1282. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dog 400 of 540
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## 7.7.8 Antenna WF5B Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

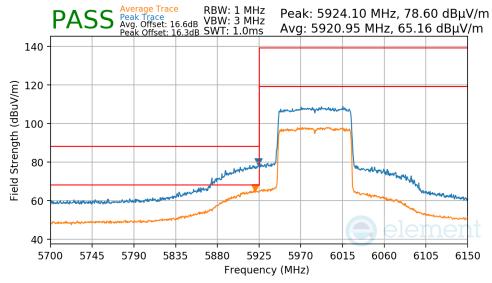
802.11ax

MCS0

3 Meters

5985MHz

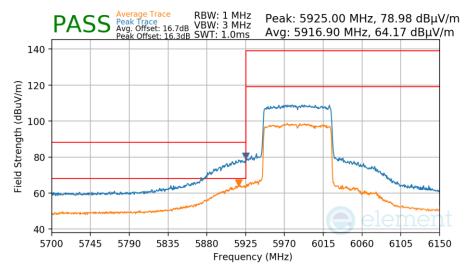
7



Plot 7-1283. Antenna WF5B Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
5985MHz
7



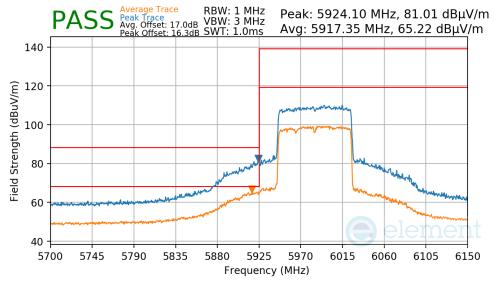
Plot 7-1284. Antenna WF5B Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 407 of 540
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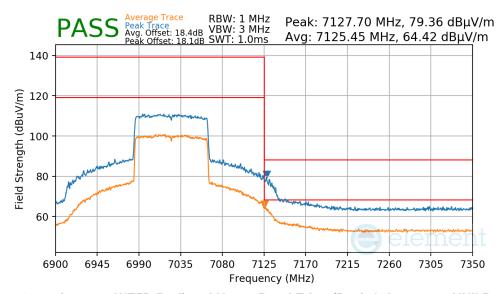
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
5985MHz
7



Plot 7-1285. Antenna WF5B Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



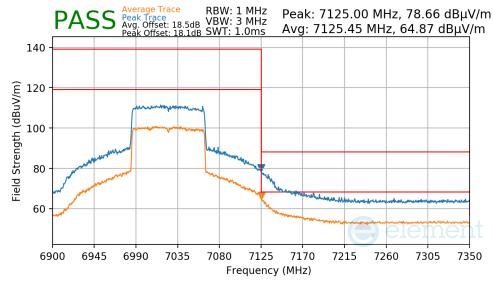
Plot 7-1286. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 420 of 540
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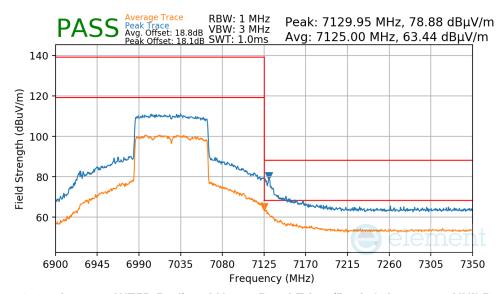
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
7025MHz
215



Plot 7-1287. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 7025MHz
Channel: 215



Plot 7-1288. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

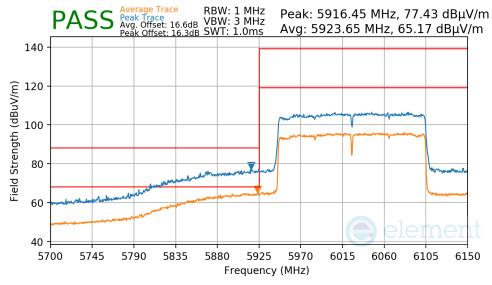
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 420 of 540
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## 7.7.9 Antenna WF5B Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

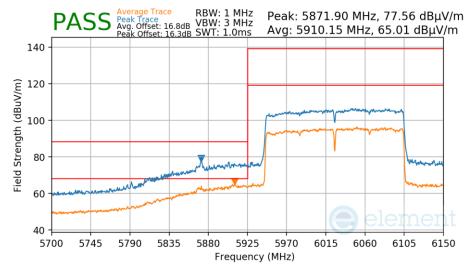
802.11ax
MCS0
3 Meters
6025MHz
15



Plot 7-1289. Antenna WF5B Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
6025MHz
15



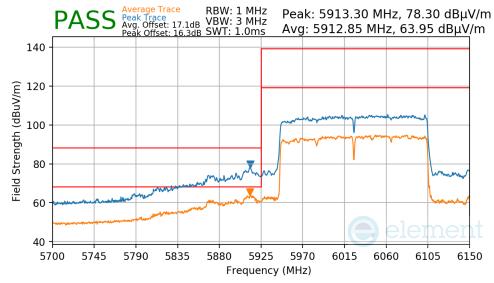
Plot 7-1290. Antenna WF5B Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 420 of 540
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

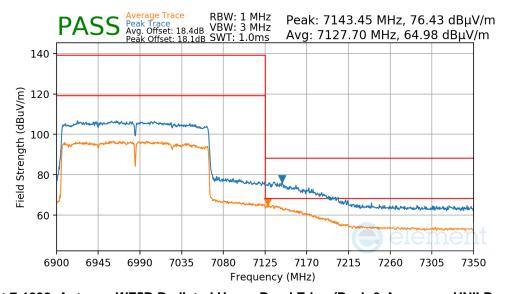
802.11ax
MCS11
3 Meters
6025MHz
15



Plot 7-1291. Antenna WF5B Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
6985MHz
207



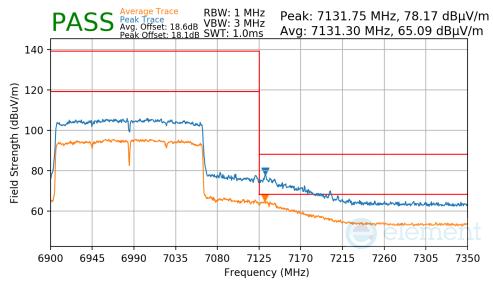
Plot 7-1292. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dog 424 of 540
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

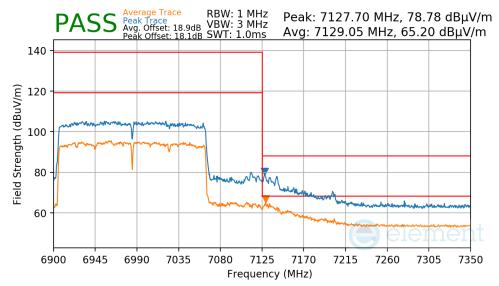
802.11ax
MCS4
3 Meters
6985MHz
207



Plot 7-1293. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
6985MHz
207



Plot 7-1294. Antenna WF5B Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 422 of 540
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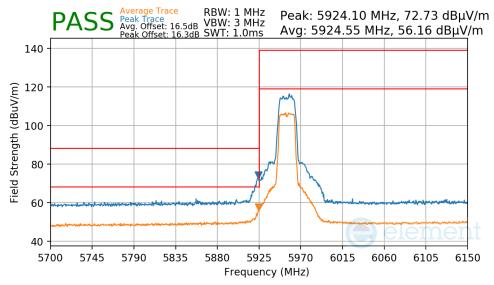


## 7.7.10 Antenna 4a Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

12Mbps
3 Meters
5955MHz
1



Plot 7-1295. Antenna 4a Radiated Lower Band Edge (Peak/Average - UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

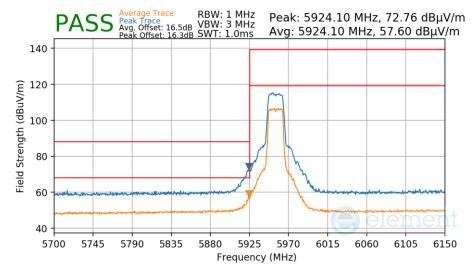
802.11a

24Mbps

3 Meters

5955MHz

1



Plot 7-1296. Antenna 4a Radiated Lower Band Edge (Peak/Average - UNII Band 5)

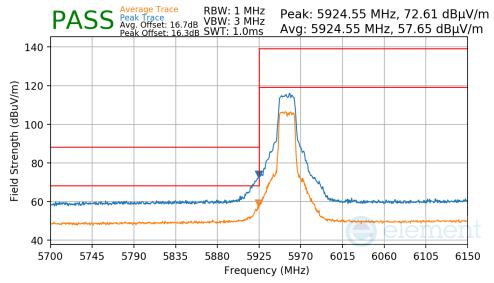
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

54Mbps
3 Meters
5955MHz
1

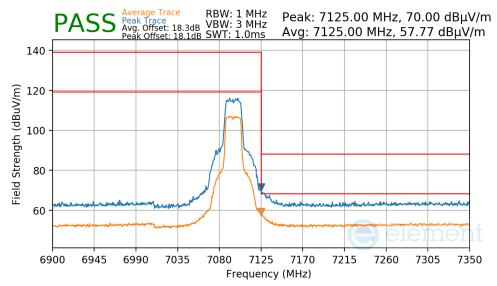


Plot 7-1297. Antenna 4a Radiated Lower Band Edge (Peak/Average - UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

12Mbps
3 Meters
7095MHz
229



Plot 7-1298. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

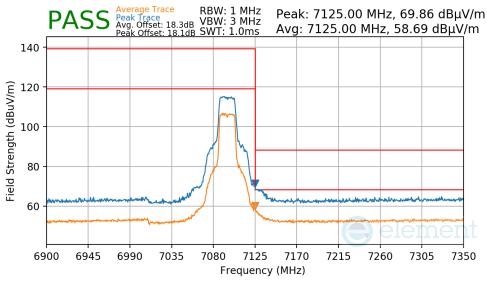
802.11a

24Mbps

3 Meters

7095MHz

229

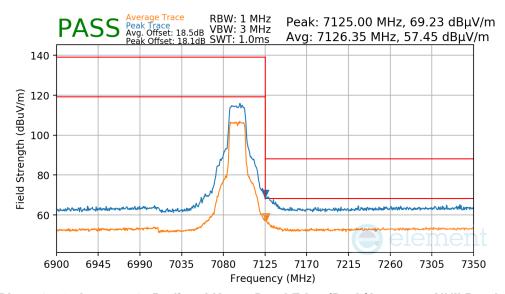


Plot 7-1299. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

54Mbps
3 Meters
7095MHz
229



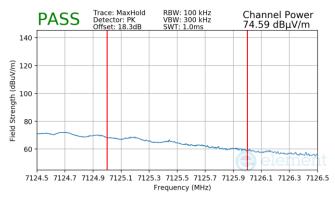
Plot 7-1300. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dog 425 of 540
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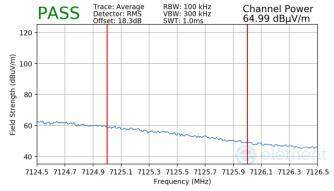


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a
12Mbps
3 Meters
7115MHz
233



Plot 7-1301. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)

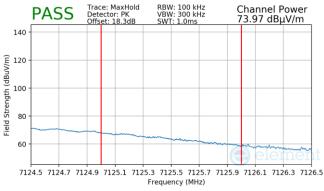


Plot 7-1302. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

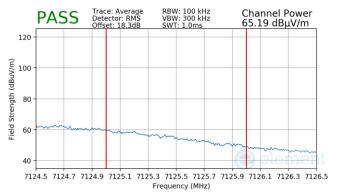
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

24Mbps
3 Meters
7115MHz
233



Plot 7-1303. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



Plot 7-1304. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

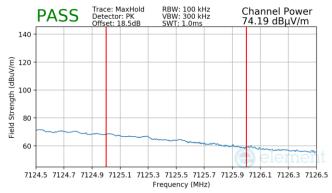
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 426 of 510
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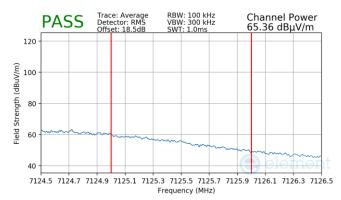
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

54Mbps
3 Meters
7115MHz
233



Plot 7-1305. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



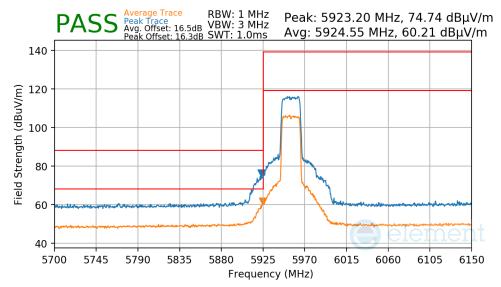
Plot 7-1306. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 427 of 510
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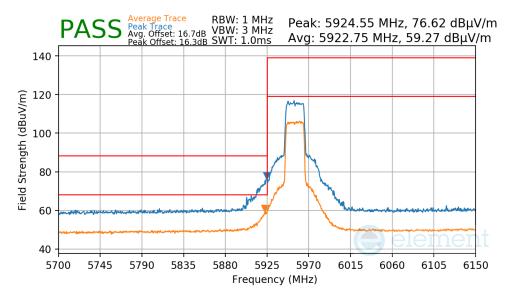
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
5955MHz
1



Plot 7-1307. Antenna 4a Radiated Lower Band Edge (Peak/Average – UNII Band 5)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS4
Distance of Measurements: 3 Meters
Operating Frequency: 5955MHz
Channel: 1



Plot 7-1308. Antenna 4a Radiated Lower Band Edge (Peak/Average - UNII Band 5)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 420 of 540
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Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:

Operating Frequency:

Channel:

802

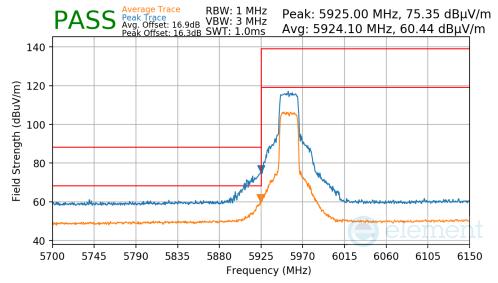
MC

3 M

595

1

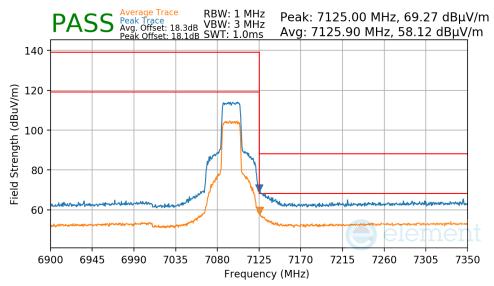
802.11ax
MCS11
3 Meters
5955MHz
1



Plot 7-1309. Antenna 4a Radiated Lower Band Edge (Peak/Average - UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax MCS0 3 Meters 7095MHz 229



Plot 7-1310. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 439 of 510
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

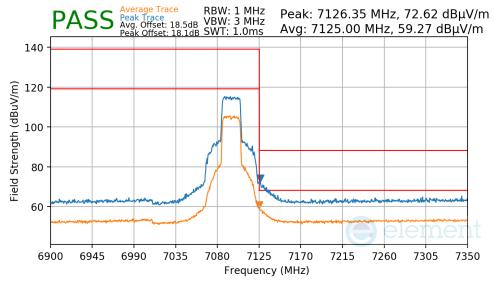
802.11ax

MCS4

3 Meters

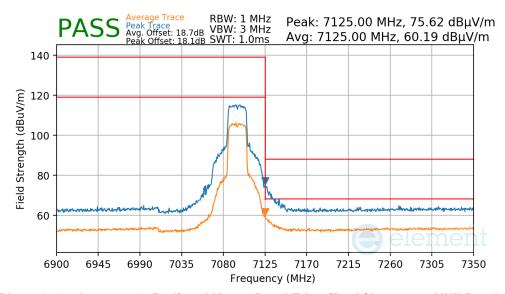
7095MHz

229



Plot 7-1311. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 7095MHz
Channel: 229



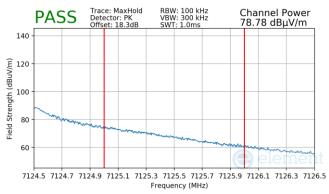
Plot 7-1312. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 440 of 540
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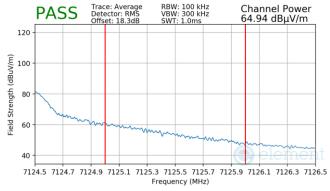


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
7115MHz
233



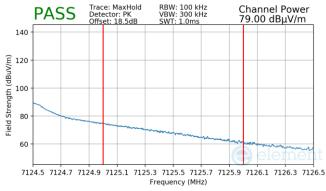
Plot 7-1313. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



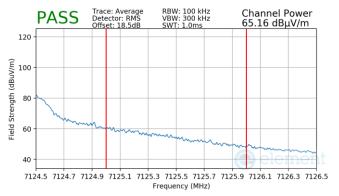
Plot 7-1314. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
7115MHz
233



Plot 7-1315. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



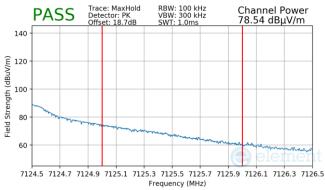
Plot 7-1316. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 444 of 540
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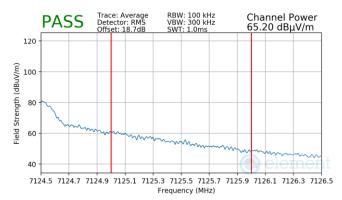


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS11
3 Meters
7115MHz
233



Plot 7-1317. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



Plot 7-1318. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

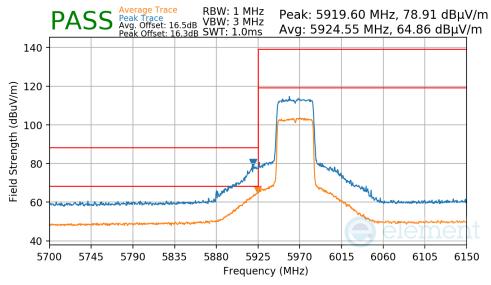
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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# 7.7.11 Antenna 4a Radiated Band Edge Measurements (40MHz BW) <a href="mailto:s15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]">s15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]</a>

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

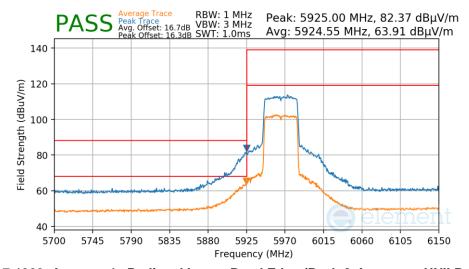
802.11ax
MCS0
3 Meters
5965MHz
3



Plot 7-1319. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
5965MHz
3



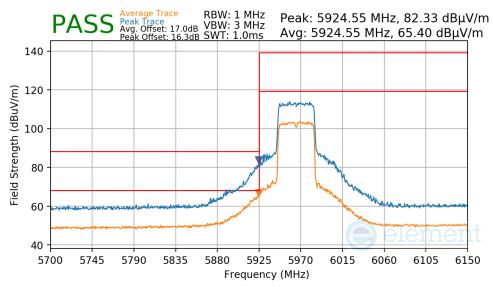
Plot 7-1320. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

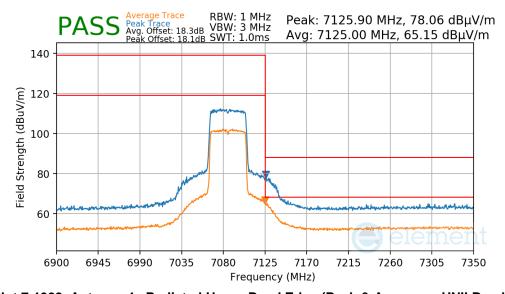
802.11ax
MCS11
3 Meters
5965MHz
3



Plot 7-1321. Antenna 4a Radiated Lower Band Edge (Peak & Average - UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
7085MHz
227



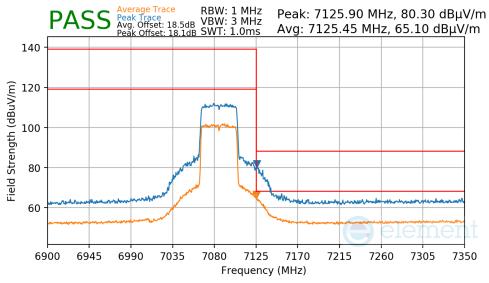
Plot 7-1322. Antenna 4a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 444 of 540
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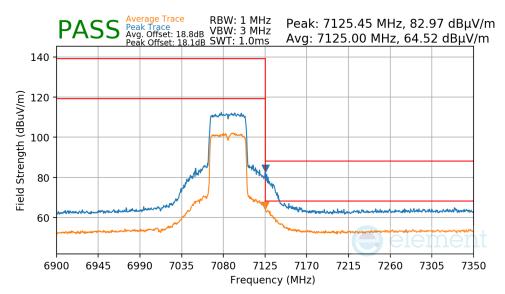
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
7085MHz
227



Plot 7-1323. Antenna 4a Radiated Upper Band Edge (Peak & Average - UNII Band 8)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS11
Distance of Measurements: 3 Meters
Operating Frequency: 7085MHz
Channel: 227



Plot 7-1324. Antenna 4a Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 445 of 540
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## 7.7.12 Antenna 4a Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

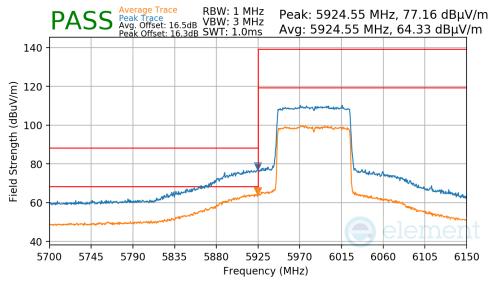
802.11ax

MCS0

3 Meters

5985MHz

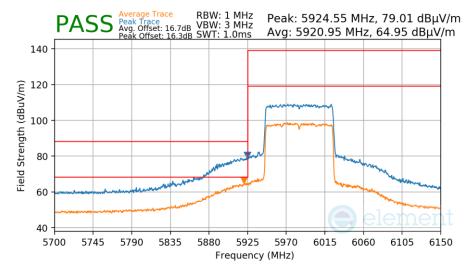
7



Plot 7-1325. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
5985MHz
7



Plot 7-1326. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dog 440 of 540
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Worst Case Mode:

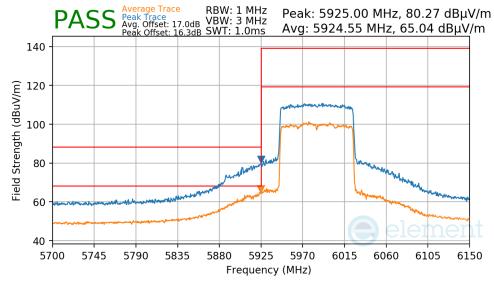
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

MCS11

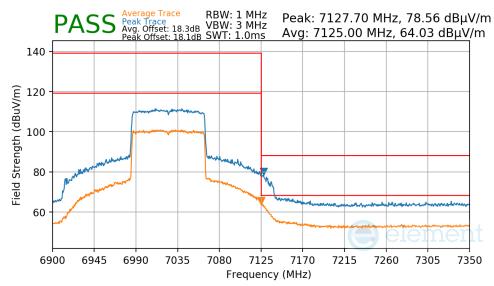
3 Meters
5985MF

802.11ax
MCS11
3 Meters
5985MHz
7



Plot 7-1327. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode: Worst Case Transfer Rate: Distance of Measurements: Operating Frequency: Channel: 802.11ax MCS0 3 Meters 7025MHz 215



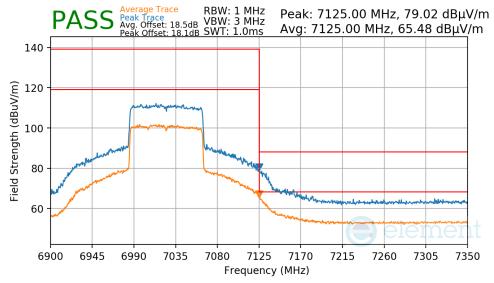
Plot 7-1328. Antenna 4a Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
7025MHz
215



Plot 7-1329. Antenna 4a Radiated Upper Band Edge (Peak & Average - UNII Band 8)

Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:

Operating Frequency:

Channel:

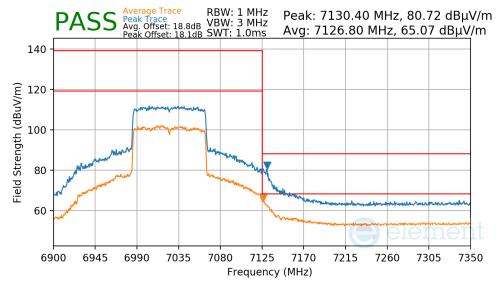
802.11ax

MCS11

3 Meters

7025MHz

215



Plot 7-1330. Antenna 4a Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 440 of 540
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## 7.7.13 Antenna 4a Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

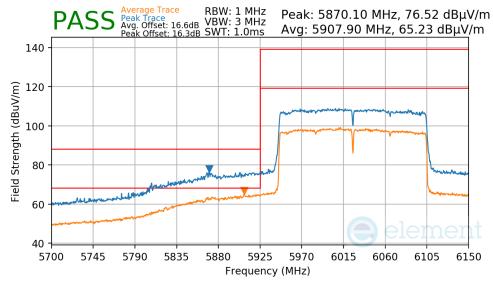
802.11ax

MCS0

3 Meters

6025MHz

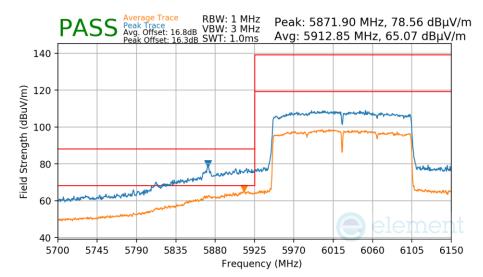
15



Plot 7-1331. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS4
3 Meters
6025MHz
15



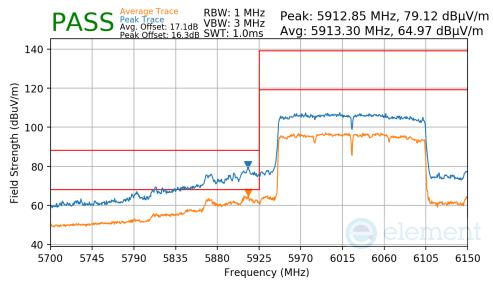
Plot 7-1332. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 440 of 540
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

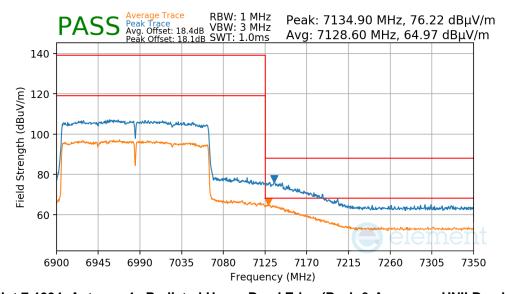
802.11ax
MCS11
3 Meters
6025MHz
15



Plot 7-1333. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
6985MHz
207



Plot 7-1334. Antenna 4a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dog 450 of 540
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