

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

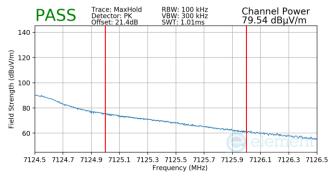
802.11ax

MCS2

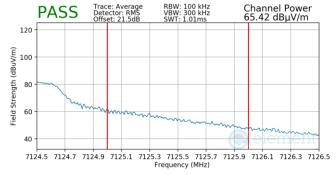
3 Meters

7115MHz

233



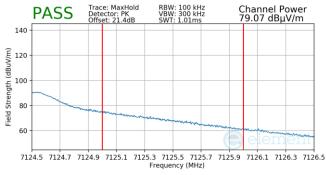
Plot 7-647. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)



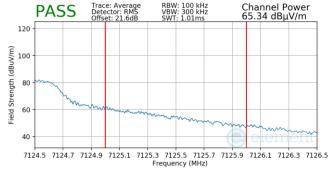
Plot 7-648. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

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

802.11ax
MCS4
3 Meters
7115MHz
233



Plot 7-649. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)



Plot 7-650. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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:

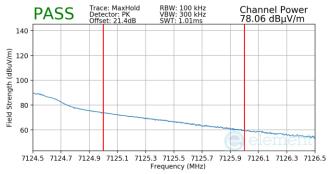
802.11ax

MCS11

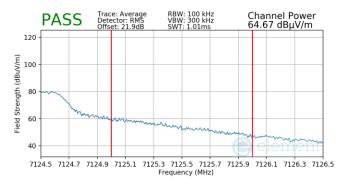
3 Meters

7115MHz

233



Plot 7-651. Antenna 5b Radiated Upper Band Edge (Peak – UNII Band 8)



Plot 7-652. Antenna 5b Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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# 7.7.5 Antenna 5b Radiated Band Edge Measurements (40MHz 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:

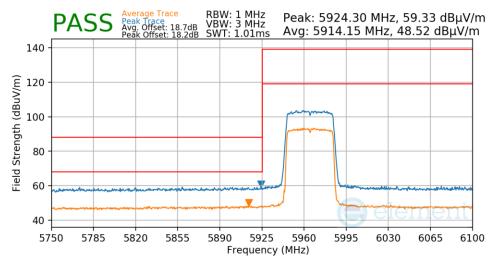
802.11ax

MCS2

3 Meters

5965MHz

3



Plot 7-653. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

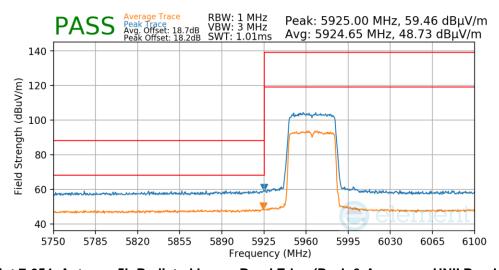
802.11ax

MCS4

3 Meters

5965MHz

3



Plot 7-654. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	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:

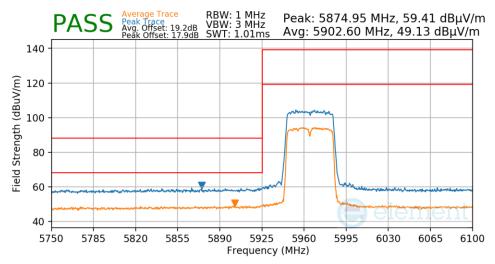
802.11ax

MCS11

3 Meters

5965MHz

3



Plot 7-655. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

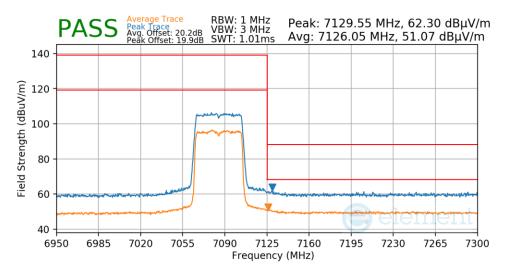
802.11ax

MCS2

3 Meters

7085MHz

227



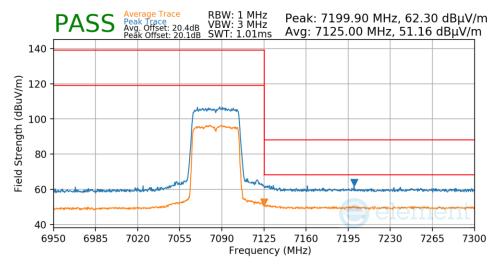
Plot 7-656. Antenna 5b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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 7-657. Antenna 5b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

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

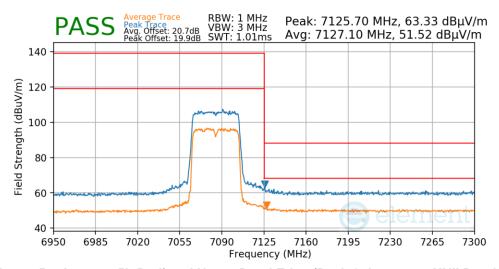
802.11ax

MCS11

3 Meters

7085MHz

227



Plot 7-658. Antenna 5b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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# 7.7.6 Antenna 5b 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:

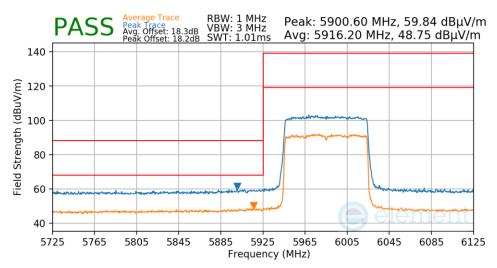
802.11ax

MCS2

3 Meters

5985MHz

7



Plot 7-659. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

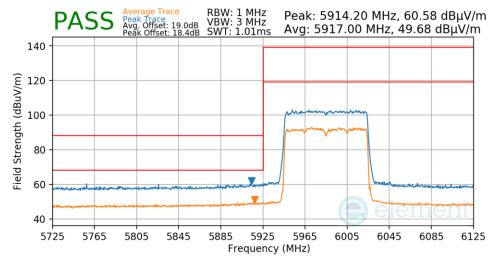
802.11ax

MCS4

3 Meters

5985MHz

7



Plot 7-660. Antenna 5b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	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:

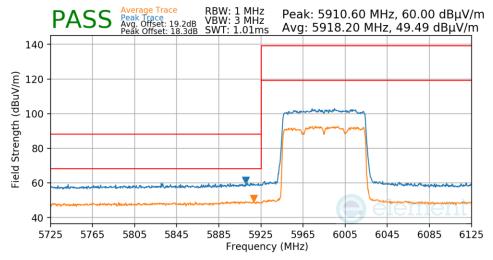
802.11ax

MCS11

3 Meters

5985MHz

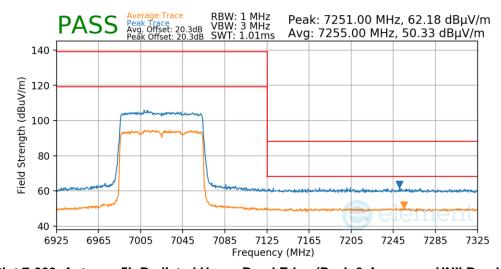
7



Plot 7-661. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

802.11ax
MCS2
3 Meters
7025MHz
215



Plot 7-662. Antenna 5b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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:

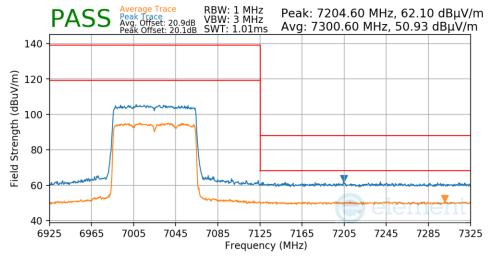
802.11ax

MCS4

3 Meters

7025MHz

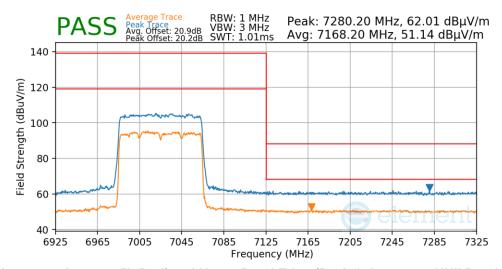
215



Plot 7-663. Antenna 5b 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 7-664. Antenna 5b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 227 of 202
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# 7.7.7 Antenna 5b 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:

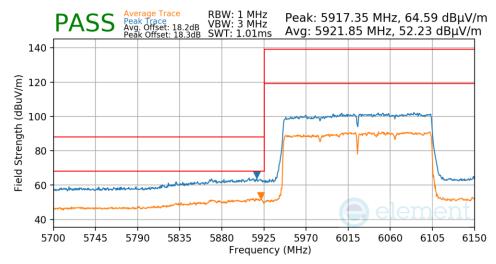
802.11ax

MCS2

3 Meters

6025MHz

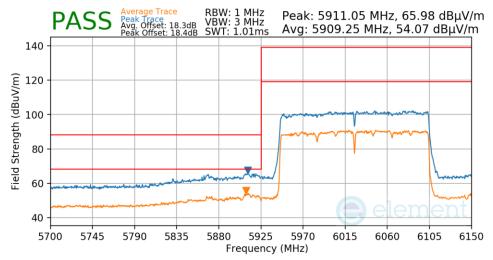
15



Plot 7-665. Antenna 5b 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 7-666. Antenna 5b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	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:

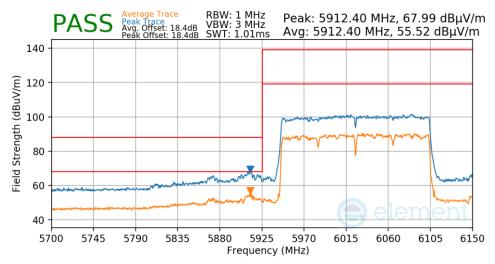
802.11ax

MCS11

3 Meters

6025MHz

15



Plot 7-667. Antenna 5b Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

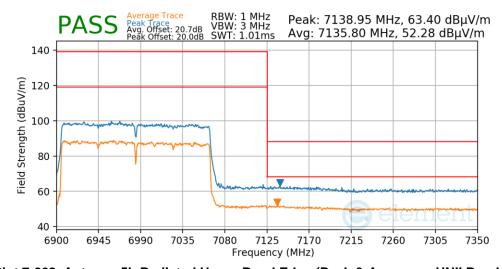
802.11ax

MCS2

3 Meters

6985MHz

207



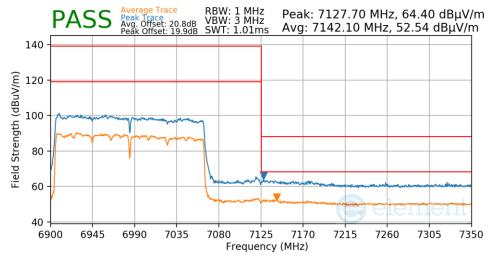
Plot 7-668. Antenna 5b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 239 of 282
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

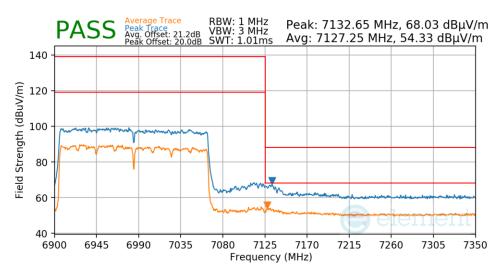
802.11ax
MCS4
3 Meters
6985MHz
207



Plot 7-669. Antenna 5b 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 7-670. Antenna 5b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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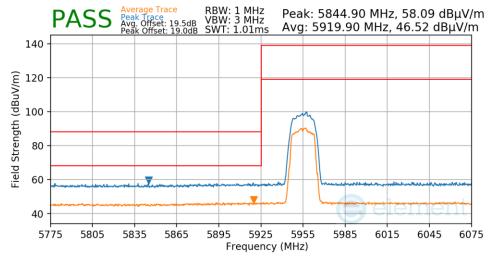


## 7.7.8 Antenna 4a Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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

802.11a

12Mbps
3 Meters
5955MHz
1

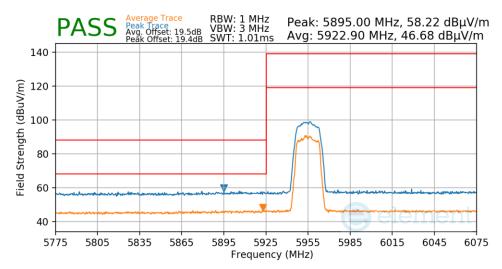


Plot 7-671. Antenna 4a Radiated Lower Band Edge (Peak/Average – UNII Band 5)

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

802.11a

24Mbps
3 Meters
5955MHz
1



Plot 7-672. Antenna 4a Radiated Lower Band Edge (Peak/Average – UNII Band 5)

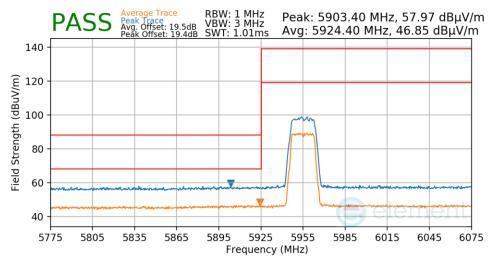
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 244 of 202
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

54Mbps
3 Meters
5955MHz
1

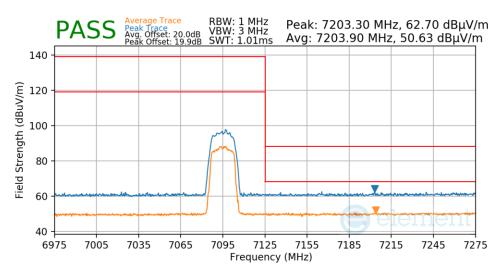


Plot 7-673. Antenna 4a Radiated Lower Band Edge (Peak/Average – UNII Band 5)

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

802.11a

12Mbps
3 Meters
7095MHz
229



Plot 7-674. Antenna 4a Radiated Upper Band Edge (Peak/Average – UNII Band 8)

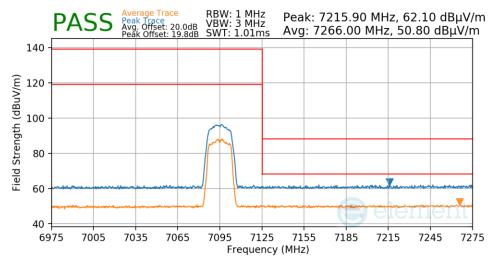
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

24Mbps
3 Meters
7095MHz
229

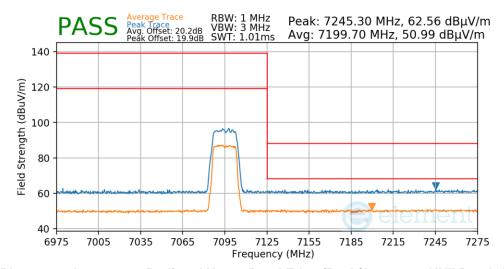


Plot 7-675. Antenna 4a Radiated Upper Band Edge (Peak/Average – UNII Band 8)

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

802.11a

54Mbps
3 Meters
7095MHz
229

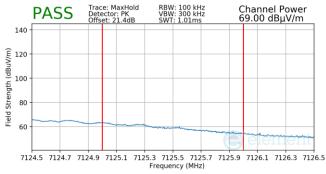


Plot 7-676. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

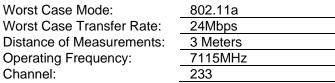
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 242 of 202
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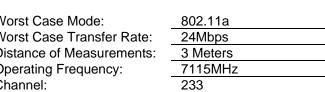


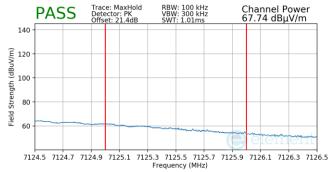
Worst Case Mode: 802.11a Worst Case Transfer Rate: 12Mbps Distance of Measurements: 3 Meters Operating Frequency: 7115MHz Channel: 233



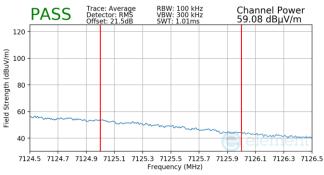
Plot 7-677. Antenna 4a Radiated Upper Band Edge (Peak - UNII Band 8)



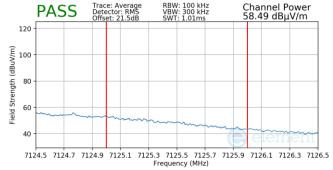




Plot 7-679. Antenna 4a Radiated Upper Band Edge (Peak - UNII Band 8)



Plot 7-678. Antenna 4a Radiated Upper Band Edge (Average - UNII Band 8)



Plot 7-680. Antenna 4a Radiated Upper Band Edge (Average - UNII Band 8)

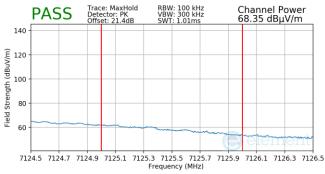
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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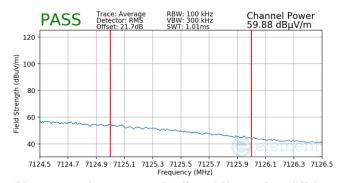
Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11a

54Mbps
3 Meters
7115MHz
233



Plot 7-681. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



Plot 7-682. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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:

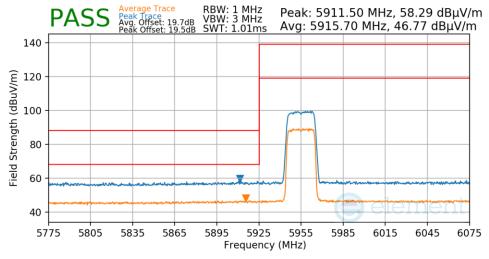
802.11ax

MCS2

3 Meters

5955MHz

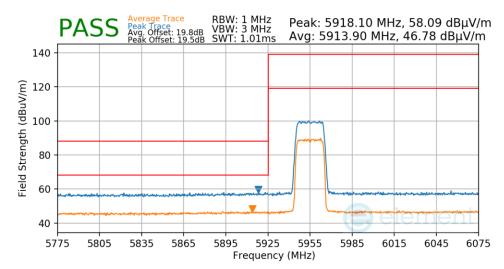
1



Plot 7-683. 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
5955MHz
1



Plot 7-684. Antenna 4a Radiated Lower Band Edge (Peak/Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	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:

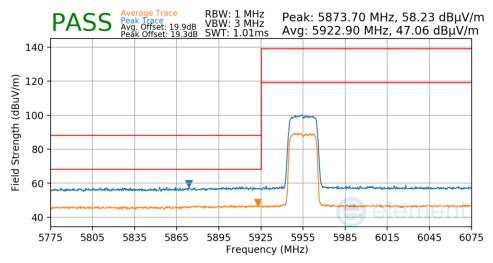
802.11ax

MCS11

3 Meters

5955MHz

1



Plot 7-685. Antenna 4a Radiated Lower Band Edge (Peak/Average – UNII Band 5)

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

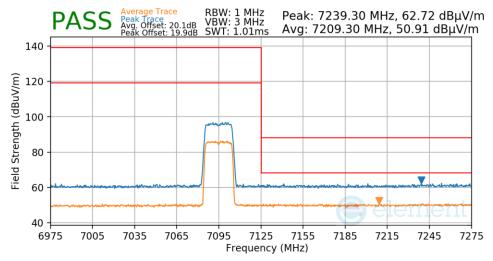
802.11ax

MCS2

3 Meters

7095MHz

229



Plot 7-686. Antenna 4a Radiated Upper Band Edge (Peak/Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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:

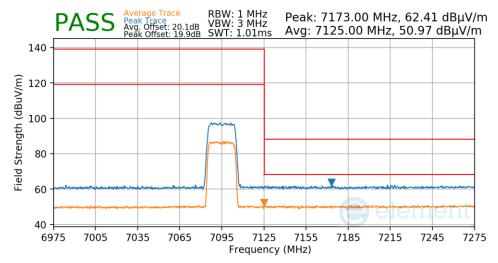
802.11ax

MCS4

3 Meters

7095MHz

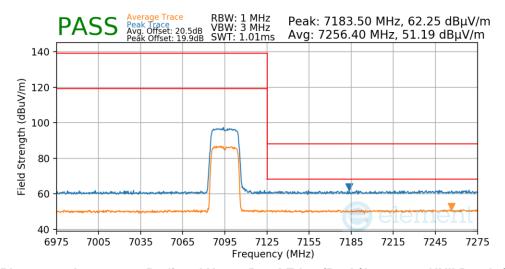
229



Plot 7-687. 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
7095MHz
229



Plot 7-688. Antenna 4a Radiated Upper Band Edge (Peak/Average - UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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:

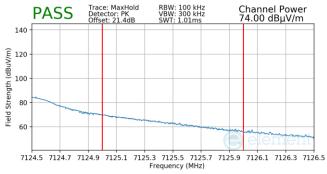
802.11ax

MCS2

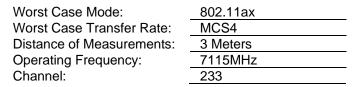
3 Meters

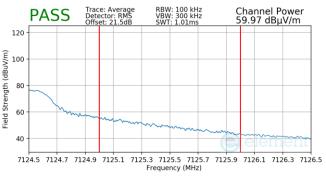
7115MHz

233

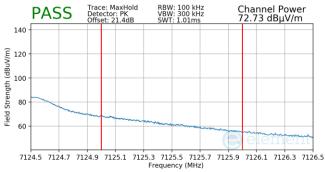


Plot 7-689. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)

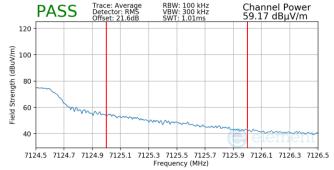




Plot 7-690. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)



Plot 7-691. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



Plot 7-692. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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:

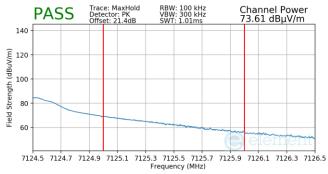
802.11ax

MCS11

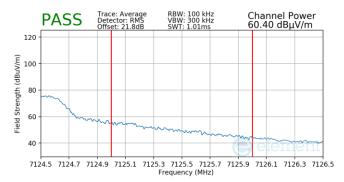
3 Meters

7115MHz

233



Plot 7-693. Antenna 4a Radiated Upper Band Edge (Peak – UNII Band 8)



Plot 7-694. Antenna 4a Radiated Upper Band Edge (Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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# 7.7.9 Antenna 4a Radiated Band Edge Measurements (40MHz 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:

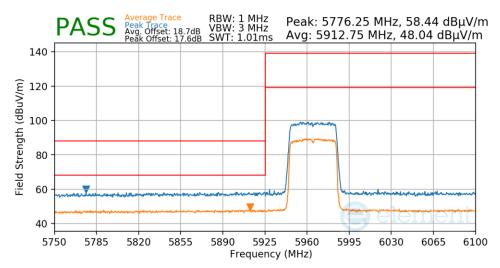
802.11ax

MCS2

3 Meters

5965MHz

3



Plot 7-695. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

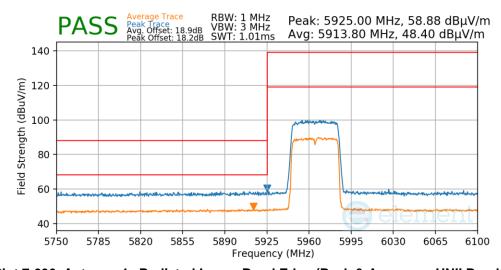
802.11ax

MCS4

3 Meters

5965MHz

3



Plot 7-696. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	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:

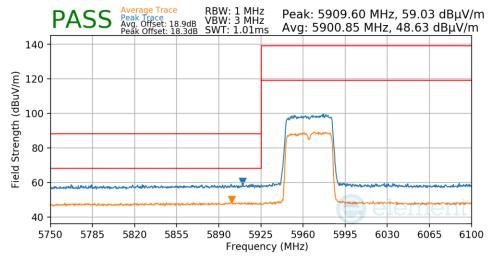
802.11ax

MCS11

3 Meters

5965MHz

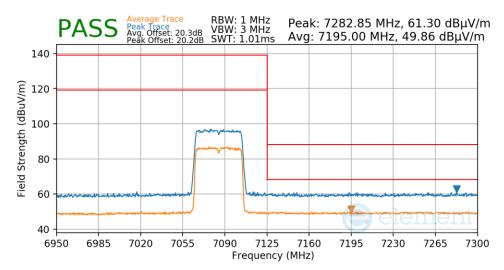
3



Plot 7-697. 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
MCS2
3 Meters
7085MHz
227



Plot 7-698. Antenna 4a Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	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:

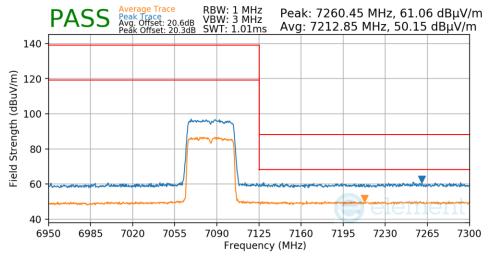
802.11ax

MCS4

3 Meters

7085MHz

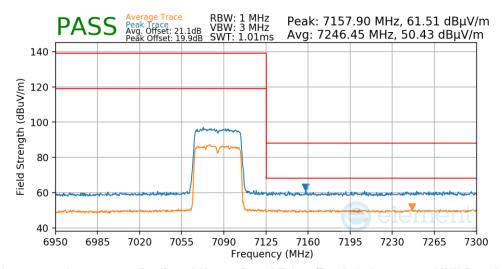
227



Plot 7-699. 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
7085MHz
227



Plot 7-700. Antenna 4a Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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# 7.7.10 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:

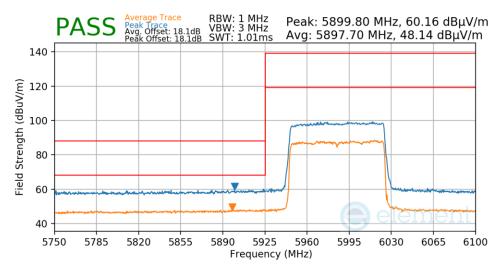
802.11ax

MCS2

3 Meters

5985MHz

7



Plot 7-701. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

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

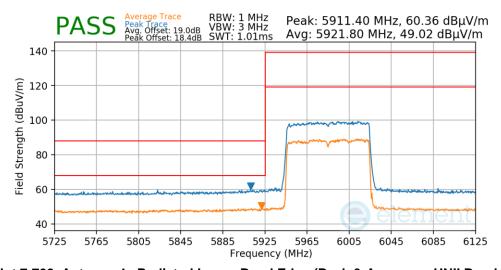
802.11ax

MCS4

3 Meters

5985MHz

7



Plot 7-702. Antenna 4a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2435 IC: 579C-A2435	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:

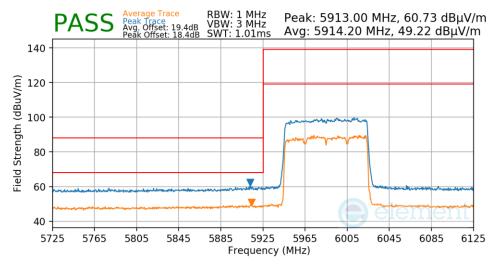
802.11ax

MCS11

3 Meters

5985MHz

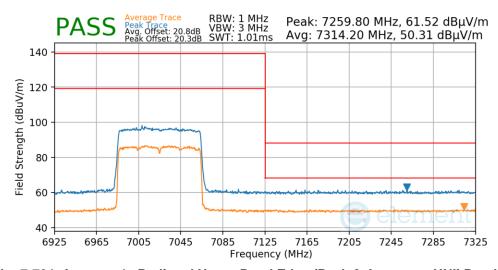
7



Plot 7-703. 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
MCS2
3 Meters
7025MHz
215



Plot 7-704. Antenna 4a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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