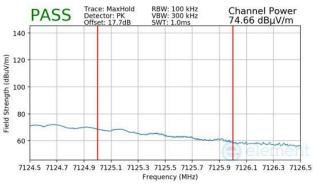
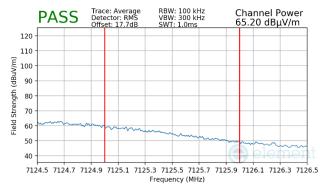


802.11a	
MCS12	
3 Meters	
7115MHz	
233	

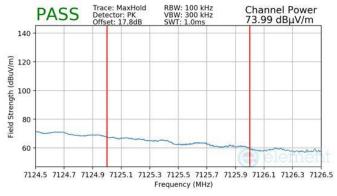


Plot 7-1446 Antenna 1b Radiated Upper Band Edge (Peak - UNII Band 8)

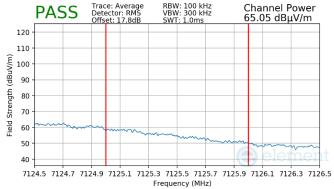


Plot 7-1447 Antenna 1b Radiated Upper Band Edge (Average - UNII Band 8)

802.11a	
MCS24	
3 Meters	
7115MHz	
233	



Plot 7-1448 Antenna 1b Radiated Upper Band Edge (Peak - UNII Band 8)

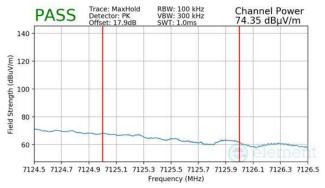


Plot 7-1449 Antenna 1b Radiated Upper Band Edge (Average - UNII Band 8)

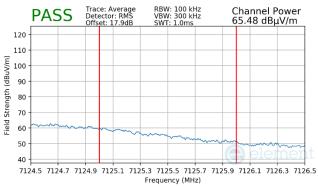
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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802.11a	
MCS54	
3 Meters	
7115MHz	
233	



Plot 7-1450 Antenna 1b Radiated Upper Band Edge (Peak - UNII Band 8)

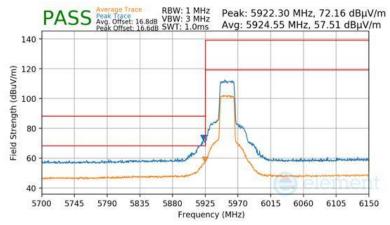


Plot 7-1451 Antenna 1b Radiated Upper Band Edge (Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 485 of 567
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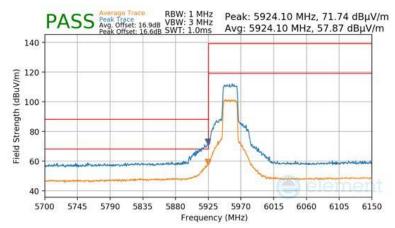


802.11ax-SU
MCS2
3 Meters
5955MHz
1



Plot 7-1452 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
5955MHz	
1	

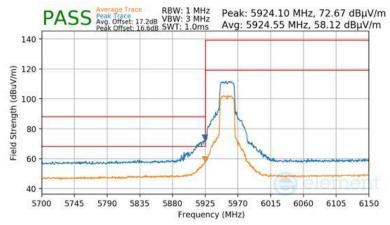


Plot 7-1453 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 400 of 507
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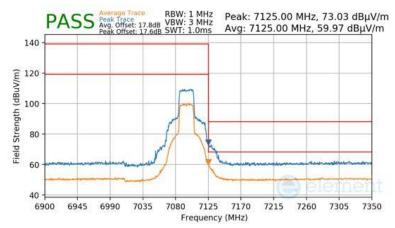


802.11ax-SU
MCS11
3 Meters
5955MHz
1



Plot 7-1454 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU
MCS2
3 Meters
7095MHz
229

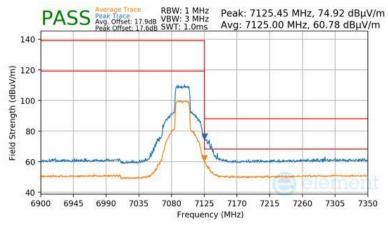


Plot 7-1455 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 487 of 567
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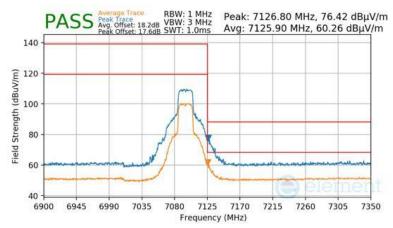


802.11ax-SU	
MCS4	
3 Meters	
7095MHz	
229	



Plot 7-1456 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS11	
3 Meters	
7095MHz	
229	

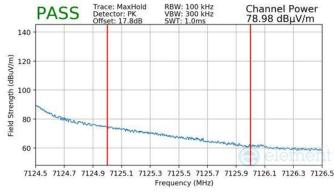


Plot 7-1457 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

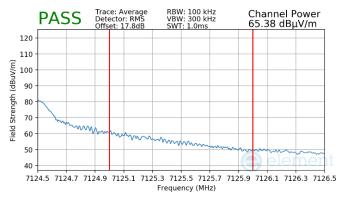
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 400 of 507
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802.11ax-SU	
MCS2	
3 Meters	
7115MHz	
233	

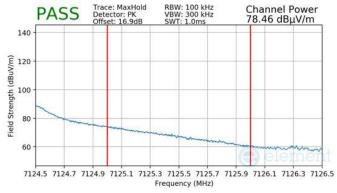


Plot 7-1458 Antenna 1b Radiated Upper Band Edge (Peak - UNII Band 8)

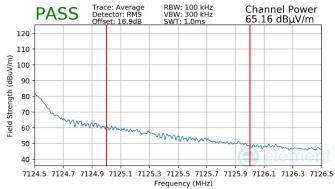


Plot 7-1459 Antenna 1b Radiated Upper Band Edge (Average - UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
7115MHz	
233	



Plot 7-1460 Antenna 1b Radiated Upper Band Edge (Peak – UNII Band 8)

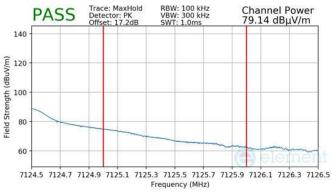


Plot 7-1461 Antenna 1b Radiated Upper Band Edge (Average - UNII Band 8)

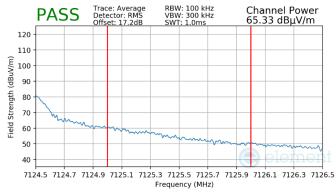
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 400 of 507
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802.11ax-SU
MCS11
3 Meters
7115MHz
233



Plot 7-1462 Antenna 1b Radiated Upper Band Edge (Peak - UNII Band 8)



Plot 7-1463 Antenna 1b Radiated Upper Band Edge (Average - UNII Band 8)

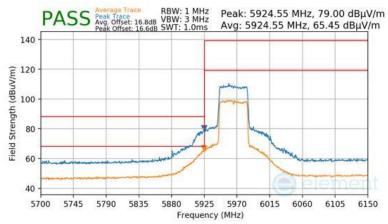
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 490 of 567
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# 7.7.15 Antenna 1b Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

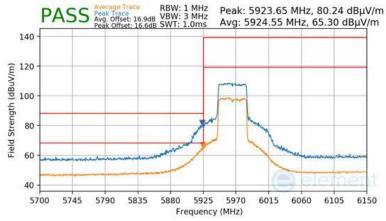
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU	
MCS2	
3 Meters	
5965MHz	
3	



Plot 7-1464 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
5965MHz	
3	

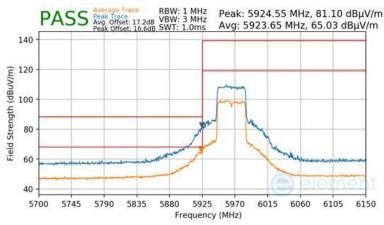


Plot 7-1465 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 491 of 567
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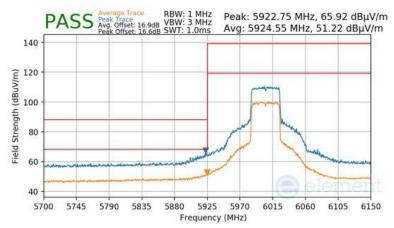


802.11ax-SU	
MCS11	
3 Meters	
5965MHz	
3	



Plot 7-1466 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
6005MHz	
11	

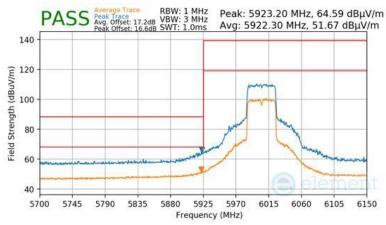


Plot 7-1467 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 400 of 507
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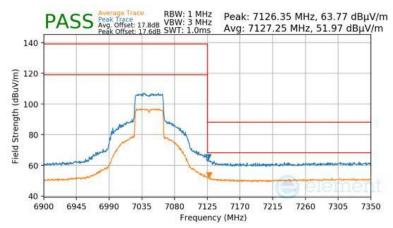


802.11ax-SU
MCS11
3 Meters
6005MHz
11



Plot 7-1468 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

	802.11ax-SU
Ī	MCS2
Ī	3 Meters
Ī	7045MHz
Ī	219

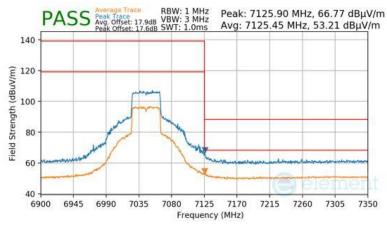


Plot 7-1469 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 402 of 567
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 493 of 567

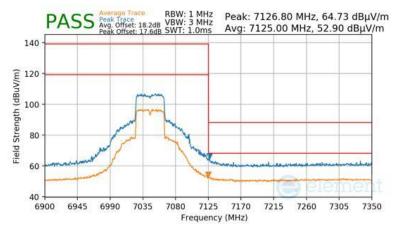


80	2.11ax-SU		
MC	CS4		
3 N	/leters		
70	45MHz		
219	9		



Plot 7-1470 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU
MCS11
3 Meters
7045MHz
219

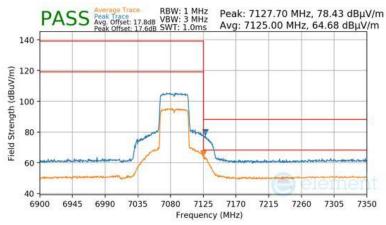


Plot 7-1471 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 404 of 507
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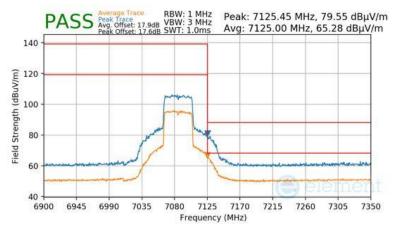


802.1	1ax-SU		
MCS	2		
3 Me	ters		
7085	MHz		
227			



Plot 7-1472 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU
MCS4
3 Meters
7085MHz
227

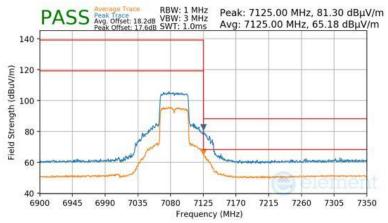


Plot 7-1473 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 405 of 507
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802.11ax-SU	
MCS11	
3 Meters	
7085MHz	
227	



Plot 7-1474 Antenna 1b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

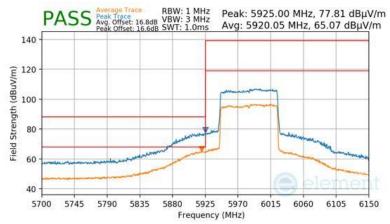
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 496 of 567
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# 7.7.16 Antenna 1b Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

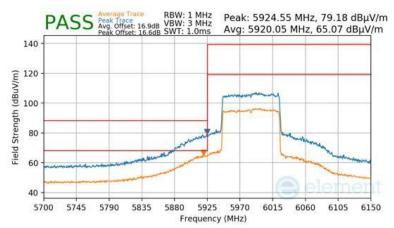
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU	
MCS2	
3 Meters	
5985MHz	
7	



Plot 7-1475 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU
MCS4
3 Meters
5985MHz
7

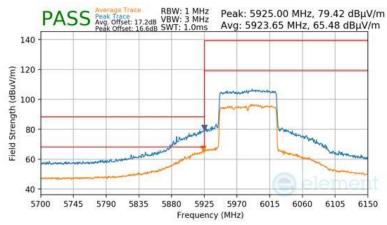


Plot 7-1476 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 407 of 507
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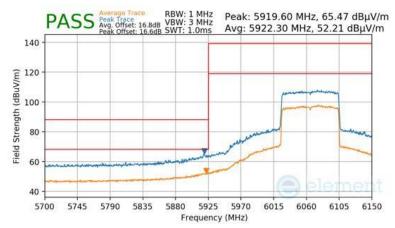


	802.11ax-SU
	MCS11
Ī	3 Meters
	5985MHz
_	7



Plot 7-1477 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
6065MHz	
23	

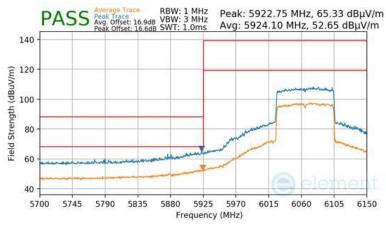


Plot 7-1478 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 400 of 507
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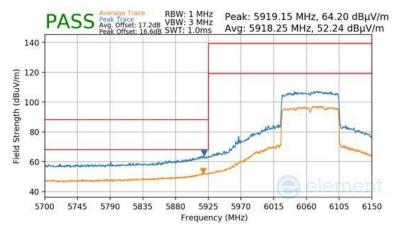


80	2.11ax-SU		
MC	CS4		
3 N	/leters		
60	65MHz		
23			Ī



Plot 7-1479 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS11	
3 Meters	
6065MHz	
23	

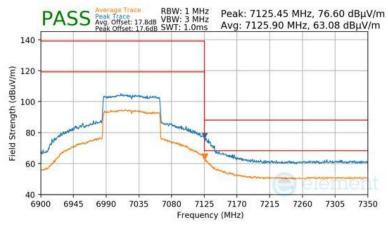


Plot 7-1480 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 499 of 567
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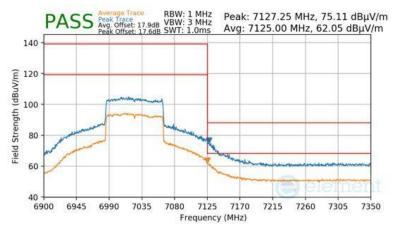


	802.11ax-SU
	MCS2
	3 Meters
_	7025MHz
_	215



Plot 7-1481 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
7025MHz	
215	

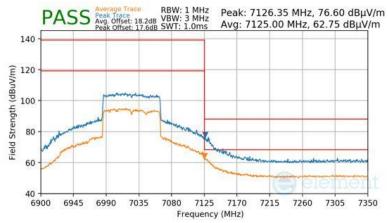


Plot 7-1482 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 500 of 507
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802.11ax-SU	
MCS11	
3 Meters	
7025MHz	
215	



Plot 7-1483 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

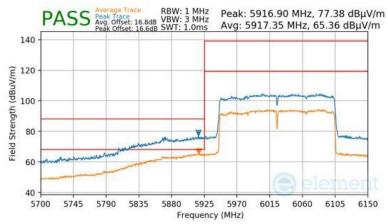
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F04 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 501 of 567



# 7.7.17 Antenna 1b Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

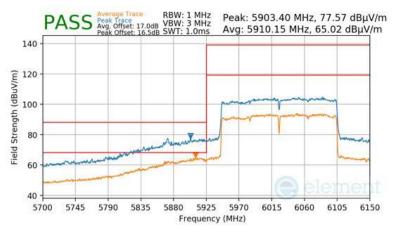
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

80	2.11ax-SU	
MC	CS2	
3 N	/leters	
60	25MHz	
15		



Plot 7-1484 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
6025MHz	
15	

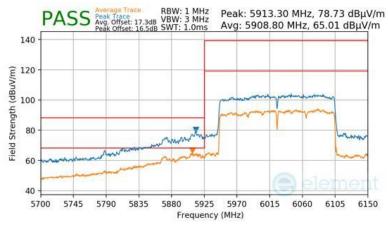


Plot 7-1485 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 500 of 507
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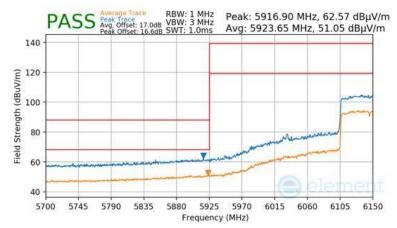


	802.11ax-SU
_	MCS11
Ī	3 Meters
_	6025MHz
_	15



Plot 7-1486 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
6185MHz	
47	

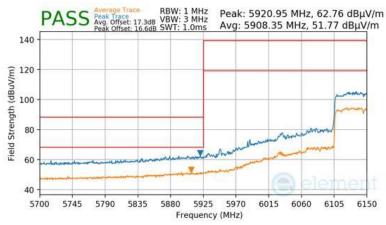


Plot 7-1487 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 502 of 507
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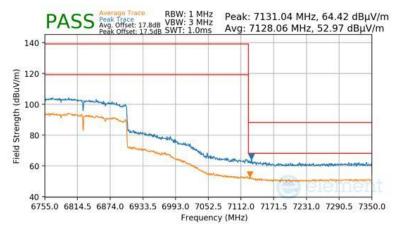


802.11ax-SU
MCS11
3 Meters
6185MHz
47



Plot 7-1488 Antenna 1b Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
6825MHz	
175	

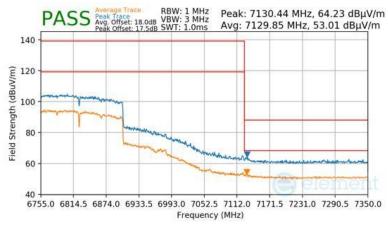


Plot 7-1489 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 7)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F04 of F67
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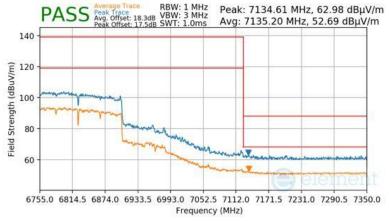


	802.11ax-SU
	MCS4
Ī	3 Meters
	6825MHz
_	175



Plot 7-1490 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 7)

802.11ax-SU	
MCS11	
3 Meters	
6825MHz	
175	

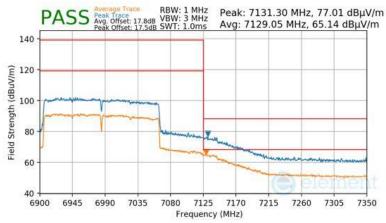


Plot 7-1491 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 7)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg F0F of F07
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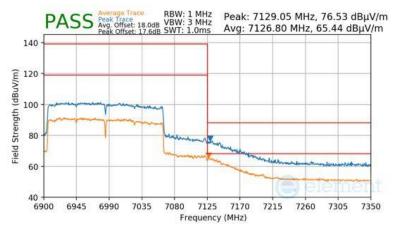


	802.11ax-SU
-	MCS2
	3 Meters
-	6985MHz
-	207



Plot 7-1492 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
6985MHz	
207	

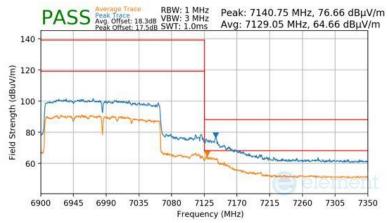


Plot 7-1493 Antenna 1b Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg F00 of F07
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802.11ax-SU	
MCS11	
3 Meters	
6985MHz	
207	



Plot 7-1494 Antenna 1b Radiated Upper Band Edge (Peak & Average – UNII Band 8)

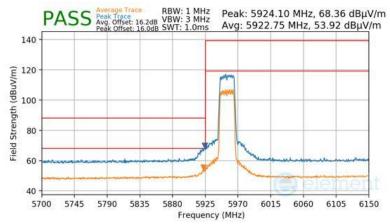
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 507 of 507
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 507 of 567



## 7.7.18 SDM Primary Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

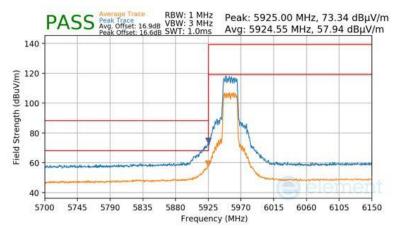
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11	ax-SU		
MCS2			
3 Meter	rs		
5955MI	Ηz		
1			



Plot 7-1495 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
5955MHz	
1	

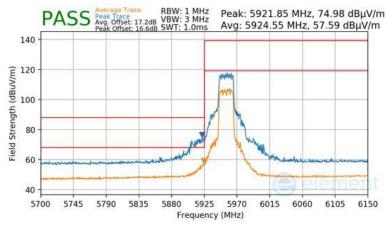


Plot 7-1496 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 508 of 567
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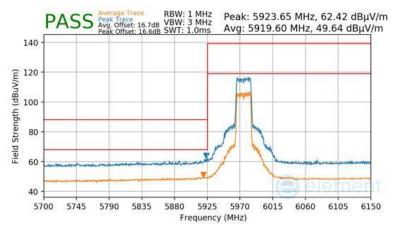


802.11ax-SU
MCS11
3 Meters
5955MHz
1



Plot 7-1497 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
5975MHz	
5	

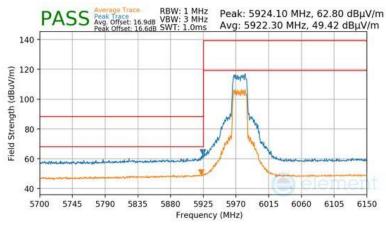


Plot 7-1498 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 500 of 507
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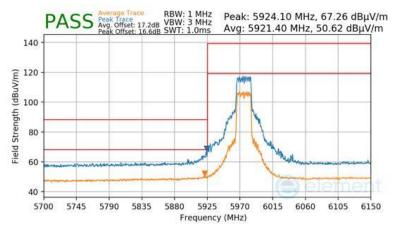


802.11ax-SU	
MCS4	
3 Meters	
5975MHz	
5	



Plot 7-1499 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS11	
3 Meters	
5975MHz	
5	

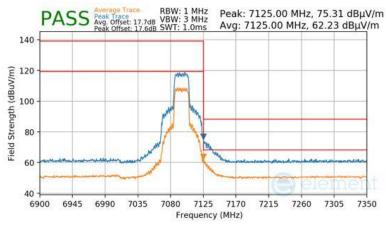


Plot 7-1500 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 540 of 567
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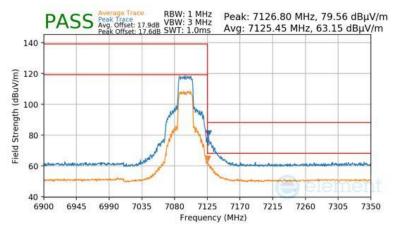


802.11ax-SU	
MCS2	
3 Meters	
7095MHz	
229	



Plot 7-1501 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
7095MHz	
229	

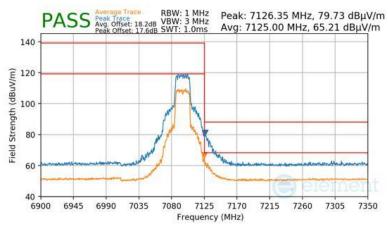


Plot 7-1502 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 511 of 567
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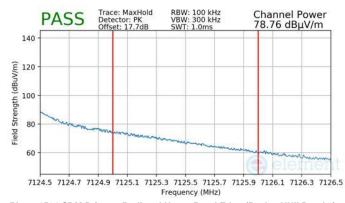


802.11ax-SU	
MCS11	
3 Meters	
7095MHz	
229	

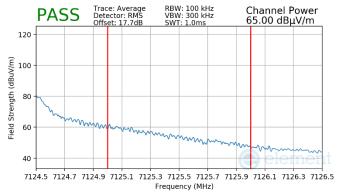


Plot 7-1503 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS2	
3 Meters	
7115MHz	
233	



Plot 7-1504 SDM Primary Radiated Upper Band Edge (Peak – UNII Band 8)

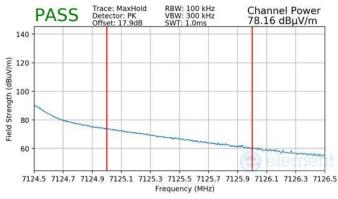


Plot 7-1505 SDM Primary Radiated Upper Band Edge (Average – UNII Band 8)

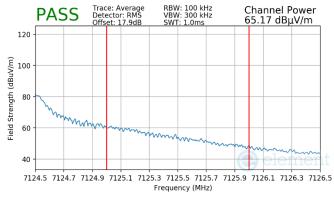
FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogg 540 of 567
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802.11ax	-SU	
MCS4		
3 Meters		
7115MHz		
233		

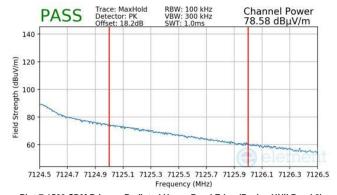


Plot 7-1506 SDM Primary Radiated Upper Band Edge (Peak - UNII Band 8)

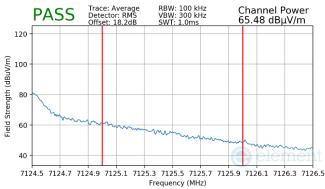


Plot 7-1507 SDM Primary Radiated Upper Band Edge (Average – UNII Band 8)

802.11ax-SU	
MCS11	
3 Meters	
7115MHz	
233	



Plot 7-1508 SDM Primary Radiated Upper Band Edge (Peak - UNII Band 8)



Plot 7-1509 SDM Primary Radiated Upper Band Edge (Average – UNII Band 8)

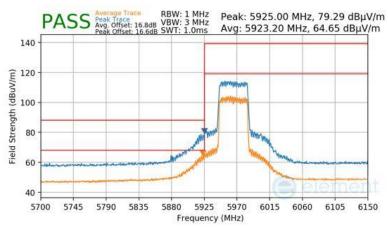
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 513 of 567
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## 7.7.19 SDM Primary Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

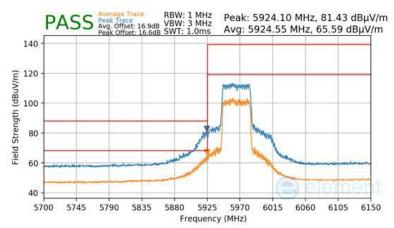
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU	
MCS2	
3 Meters	
5965MHz	
3	



Plot 7-1510 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
5965MHz	
3	

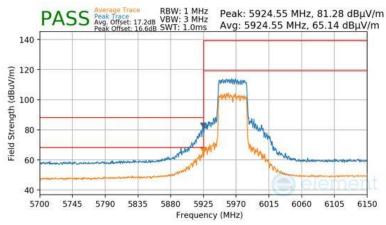


Plot 7-1511 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Page 514 of 567
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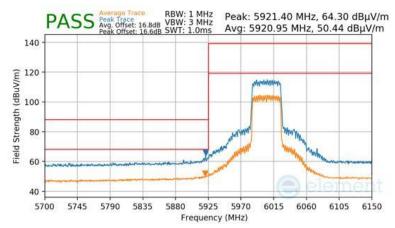


802.11ax-SU	
MCS11	
3 Meters	
5965MHz	
3	



Plot 7-1512 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
6005MHz	
11	

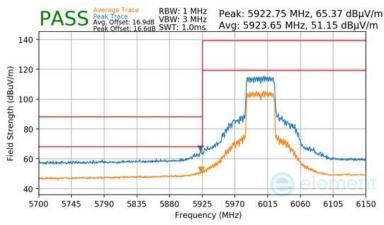


Plot 7-1513 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Page 515 of 567
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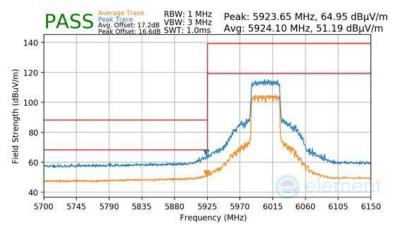


802.11ax-SU	
MCS4	
3 Meters	
6005MHz	
11	



Plot 7-1514 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS11	
3 Meters	
6005MHz	
11	

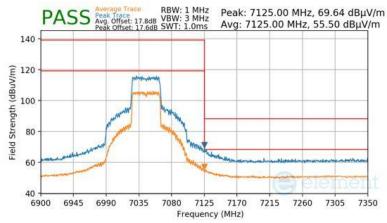


Plot 7-1515 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Page 516 of 567
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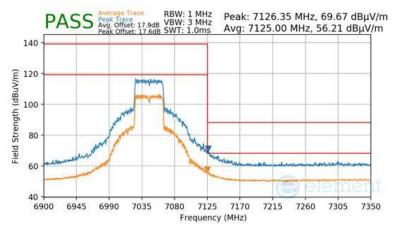


802.11ax-SU	
MCS2	
3 Meters	
7045MHz	
219	



Plot 7-1516 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
7045MHz	
219	

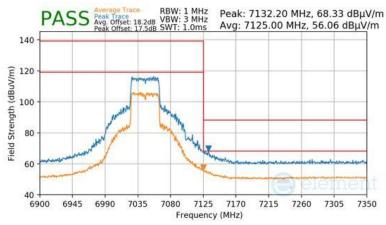


Plot 7-1517 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 547 of 567
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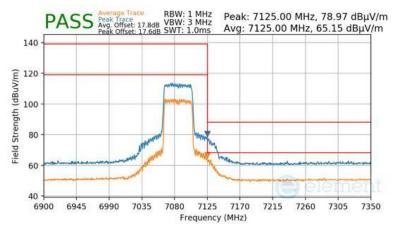


802.11ax-SU	
MCS11	
3 Meters	
7045MHz	
219	



Plot 7-1518 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS2	
3 Meters	
7085MHz	
227	

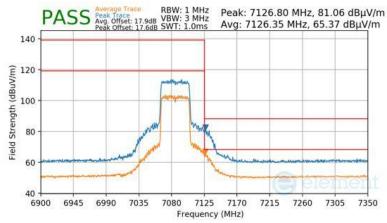


Plot 7-1519 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 540 of 567
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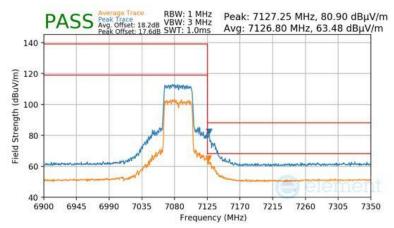


802.11ax-SU
MCS4
3 Meters
7085MHz
227



Plot 7-1520 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS11	
3 Meters	
7085MHz	
227	



Plot 7-1521 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

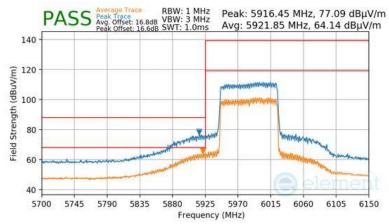
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 540 of 567
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## 7.7.20 SDM Primary Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

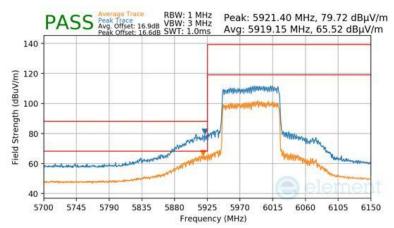
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU	
MCS2	
3 Meters	
5985MHz	
7	



Plot 7-1522 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU
MCS4
3 Meters
5985MHz
7

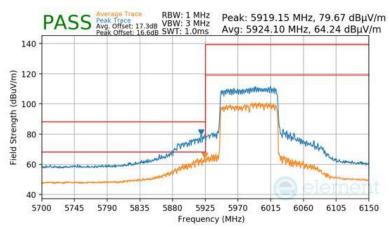


Plot 7-1523 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 500 of 567
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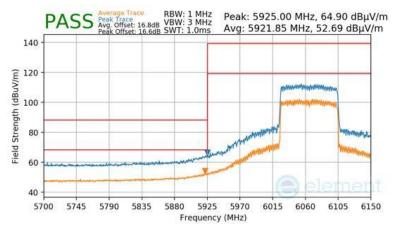


802.11ax-SU	
MCS11	
3 Meters	
5985MHz	
7	



Plot 7-1524 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
6065MHz	
23	

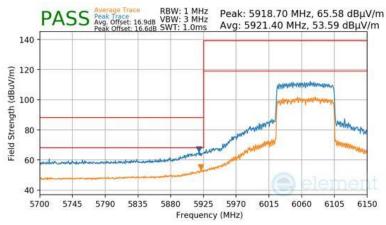


Plot 7-1525 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F04 of F67
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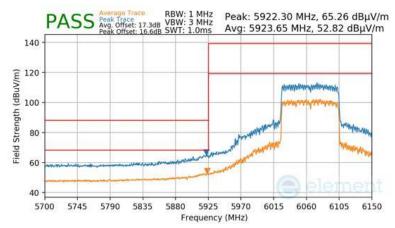


	802.11ax-SU
	MCS4
Ī	3 Meters
	6065MHz
_	23



Plot 7-1526 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS11	
3 Meters	
6065MHz	
23	

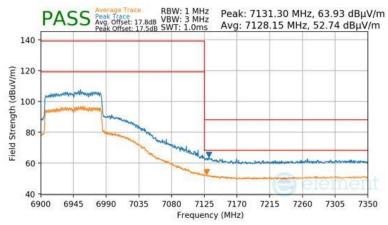


Plot 7-1527 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg F22 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 522 of 567

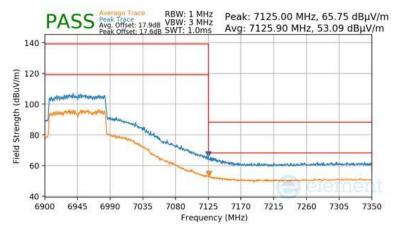


802.11ax-S	U
MCS2	
3 Meters	
6945MHz	
199	



Plot 7-1528 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU
MCS4
3 Meters
6945MHz
199

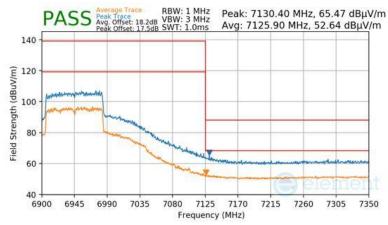


Plot 7-1529 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 523 of 567
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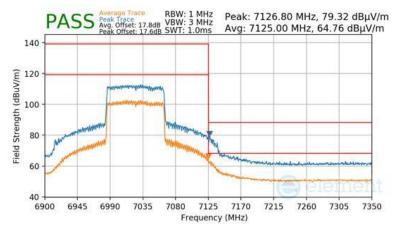


8	02.11ax-SU	
N	ICS11	
3	Meters	
6	945MHz	
1	99	



Plot 7-1530 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS2	
3 Meters	
7025MHz	
215	

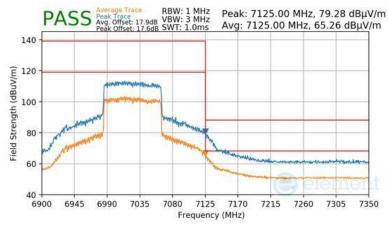


Plot 7-1531 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F04 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 524 of 567

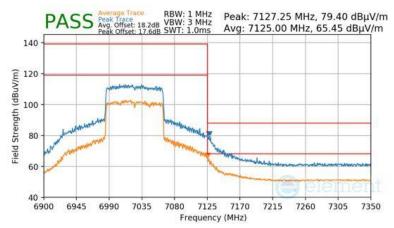


802.11ax-SU
MCS4
3 Meters
7025MHz
215



Plot 7-1532 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU
MCS11
3 Meters
7025MHz
215



Plot 7-1533 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

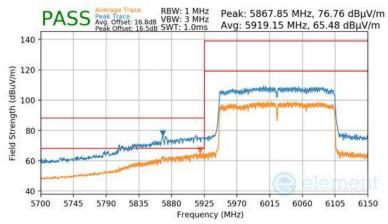
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 505 of 507
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 525 of 567



## 7.7.21 SDM Primary Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

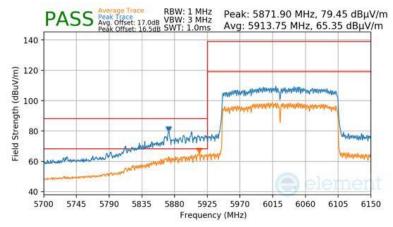
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU
MCS2
3 Meters
6025MHz
15



Plot 7-1534 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
6025MHz	
15	

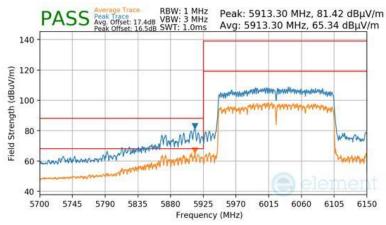


Plot 7-1535 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 500 of 507
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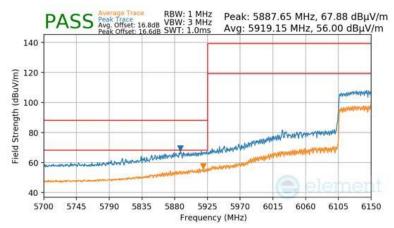


802.11ax-SU
MCS11
3 Meters
6025MHz
15



Plot 7-1536 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

MCS2
0.14-4
3 Meters
6185MHz
47

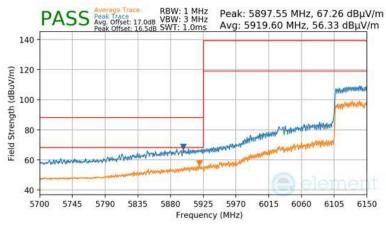


Plot 7-1537 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 507 of 507
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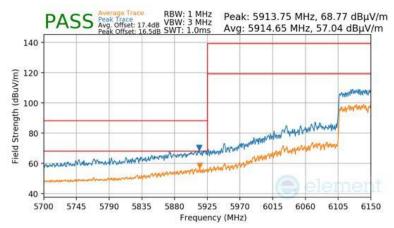


802.11ax-SU
MCS4
3 Meters
6185MHz
47



Plot 7-1538 SDM Primary Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU
MCS11
3 Meters
6185MHz
47

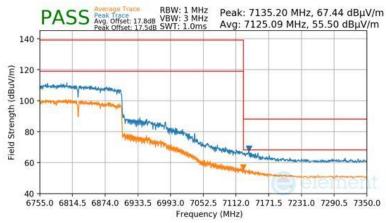


Plot 7-1539 SDM Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 500 of 507
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 528 of 567

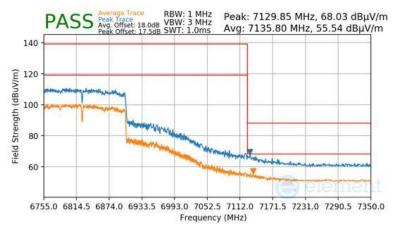


802.11ax-SU
MCS2
3 Meters
6825MHz
175



Plot 7-1540 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 7)

802.11ax-SU	
MCS4	
3 Meters	
6825MHz	
175	

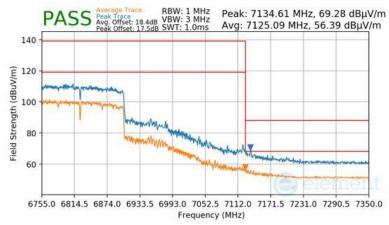


Plot 7-1541 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 7)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 529 of 567
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 529 01 567

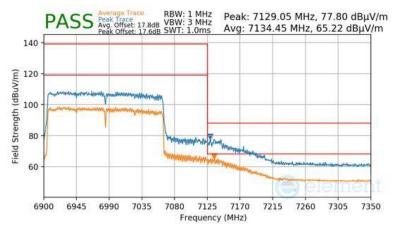


802.11ax-SU
MCS11
3 Meters
6825MHz
175



Plot 7-1542 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 7)

802.11ax-SU
MCS2
3 Meters
6985MHz
207

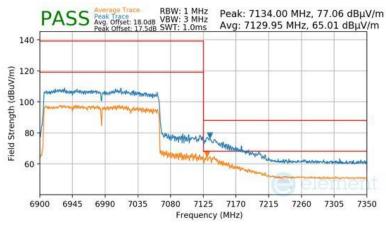


Plot 7-1543 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 530 of 567
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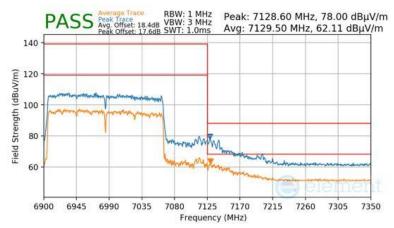


802.11ax-SU
MCS4
3 Meters
6985MHz
207



Plot 7-1544 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU
MCS11
3 Meters
6985MHz
207



Plot 7-1545 SDM Primary Radiated Upper Band Edge (Peak & Average - UNII Band 8)

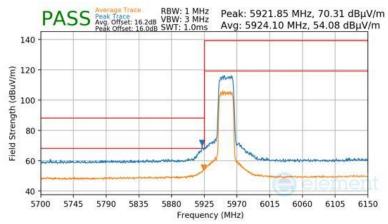
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 531 of 567
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## 7.7.22 SDM Diversity Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

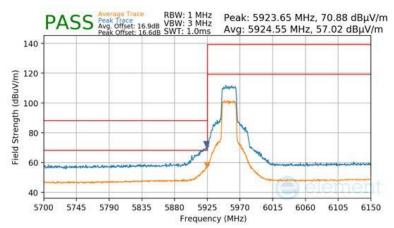
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU	
MCS2	
3 Meters	
5955MHz	
1	



Plot 7-1546 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
5955MHz	
1	

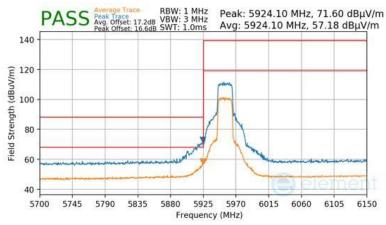


Plot 7-1547 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates: EUT Type:		Page 532 of 567
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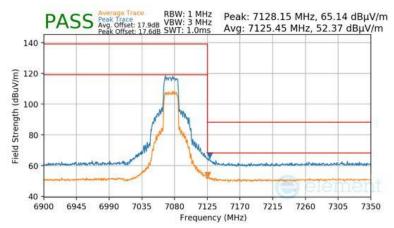


802.11ax-SU	
MCS11	
3 Meters	
5955MHz	
1	



Plot 7-1548 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU
MCS4
3 Meters
7075MHz
225

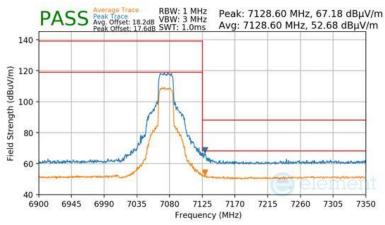


Plot 7-1549 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg F22 of F67
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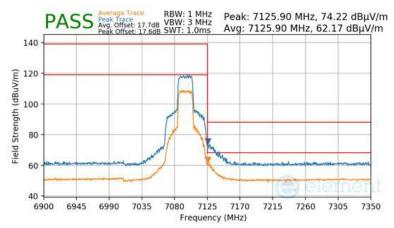


802.11ax-SU	
MCS11	
3 Meters	
7075MHz	
225	



Plot 7-1550 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS2	
3 Meters	
7095MHz	
229	

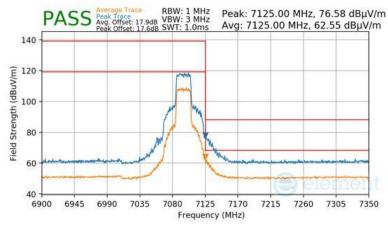


Plot 7-1551 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F24 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 534 of 567

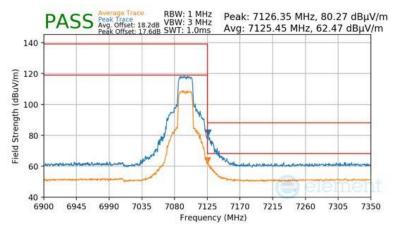


802.11ax-SU
MCS4
3 Meters
7095MHz
229



Plot 7-1552 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU
MCS11
3 Meters
7095MHz
229

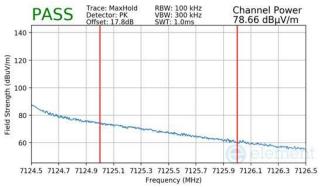


Plot 7-1553 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

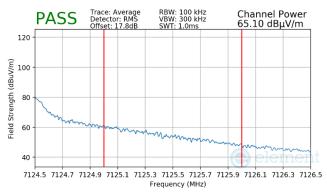
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg F2F of F67
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802.	11ax-SU		
MCS	2		
3 Me	ters		
7115	MHz		
233			

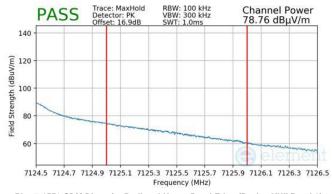


Plot 7-1554 SDM Diversity Radiated Upper Band Edge (Peak - UNII Band 8)

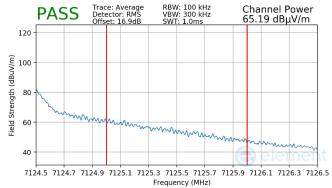


Plot 7-1555 SDM Diversity Radiated Upper Band Edge (Average - UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
7115MHz	
233	



Plot 7-1556 SDM Diversity Radiated Upper Band Edge (Peak - UNII Band 8)

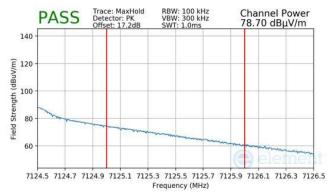


Plot 7-1557 SDM Diversity Radiated Upper Band Edge (Average - UNII Band 8)

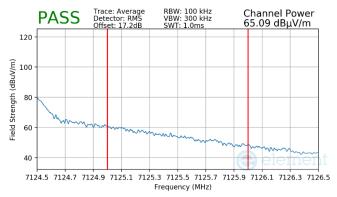
FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F20 of F07
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802.11a	ax-SU	
MCS11		
3 Meter	'S	
7115MI	Ηz	
233		



Plot 7-1558 SDM Diversity Radiated Upper Band Edge (Peak - UNII Band 8)



Plot 7-1559 SDM Diversity Radiated Upper Band Edge (Average – UNII Band 8)

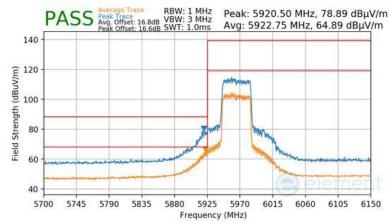
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 527 of 567
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## 7.7.23 SDM Diversity Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

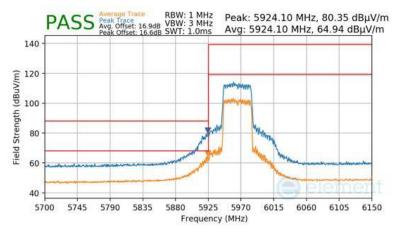
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU	
MCS2	
3 Meters	
5965MHz	
3	



Plot 7-1560 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU
MCS4
3 Meters
5965MHz
3

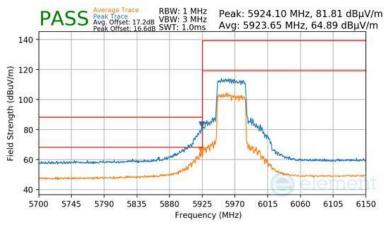


Plot 7-1561 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F20 of F67
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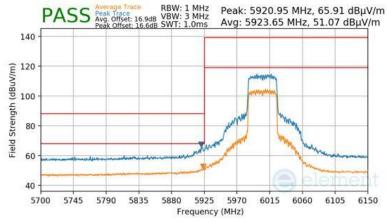


802.11ax-SU
MCS11
3 Meters
5965MHz
3



Plot 7-1562 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
6005MHz	
11	

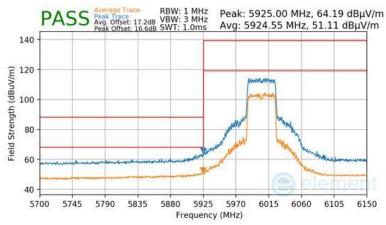


Plot 7-1563 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg F20 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 539 of 567

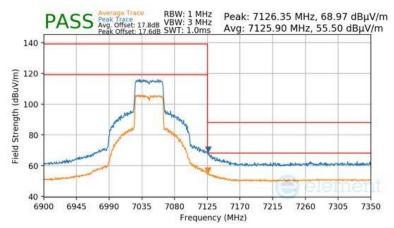


802	.11ax-SU		
MC	S11		
3 M	leters		
600	5MHz		
11			



Plot 7-1564 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
7045MHz	
219	

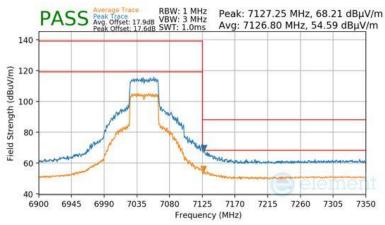


Plot 7-1565 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 540 of 567
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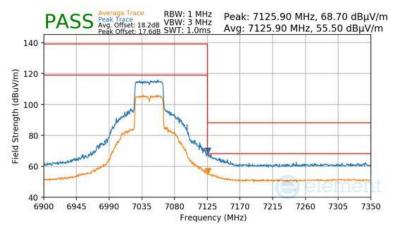


802.11ax-SU	
MCS4	
3 Meters	
7045MHz	
219	



Plot 7-1566 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS11	
3 Meters	
7045MHz	
219	

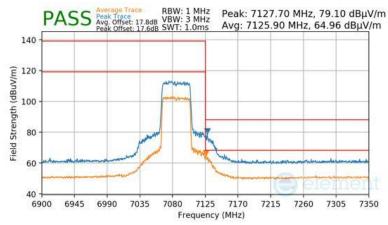


Plot 7-1567 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 541 of 567
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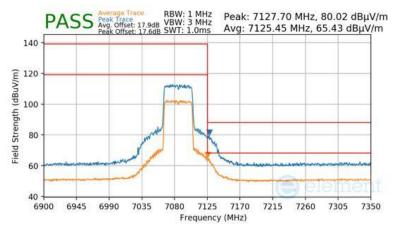


802.11ax-SU	
MCS2	
3 Meters	
7085MHz	
227	



Plot 7-1568 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
7085MHz	
227	

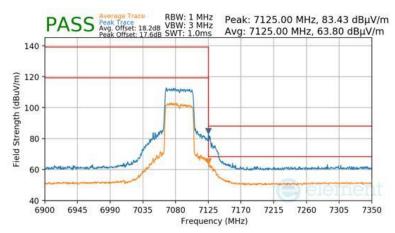


Plot 7-1569 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F40 of F67
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802.11ax-SU	
MCS11	
3 Meters	
7085MHz	
227	



Plot 7-1570 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

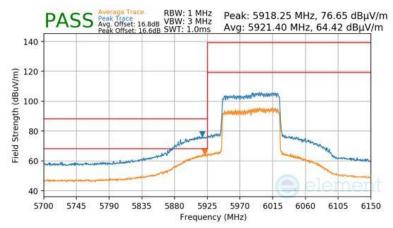
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F42 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 543 of 567



## 7.7.24 SDM Diversity Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

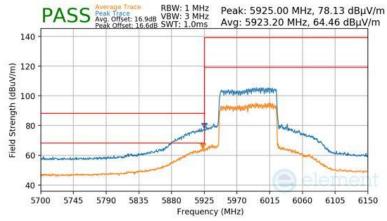
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-SU	
MCS2	
3 Meters	
5985MHz	
7	



Plot 7-1571 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
5985MHz	
7	

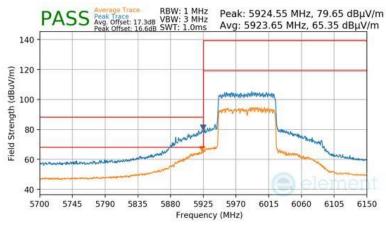


Plot 7-1572 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	element MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 544 of 567
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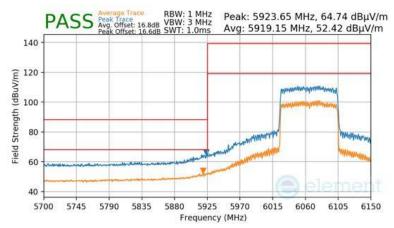


802.11ax-SU	
MCS11	
3 Meters	
5985MHz	
7	



Plot 7-1573 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
6065MHz	
23	

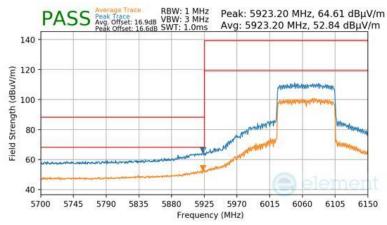


Plot 7-1574 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F45 of 507
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 545 of 567

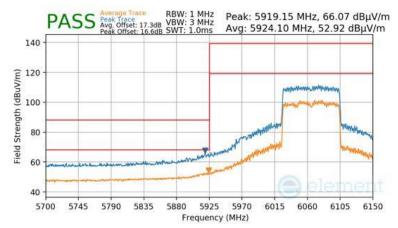


	802.11ax-SU
	MCS4
Ī	3 Meters
	6065MHz
_	23



Plot 7-1575 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU
MCS11
3 Meters
6065MHz
23

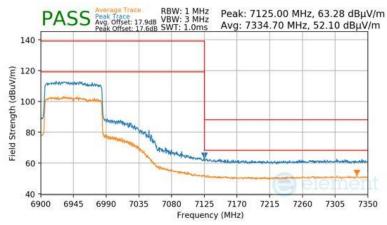


Plot 7-1576 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	ement MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo F46 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 546 of 567

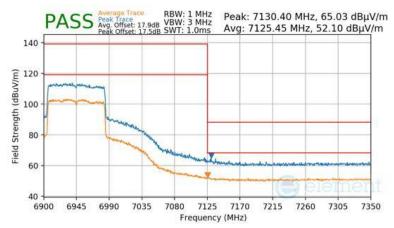


802.11ax-SU	
MCS2	
3 Meters	
6945MHz	
199	



Plot 7-1577 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS4	
3 Meters	
6945MHz	
199	

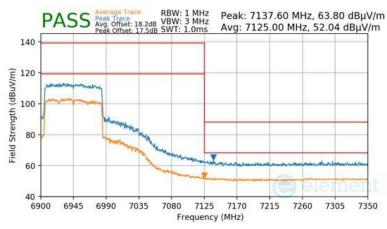


Plot 7-1578 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	ement MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo F 47 of F67
1C2311270066-26-R3.BCG	11/29/2023 - 04/05/24	Tablet Device	Page 547 of 567

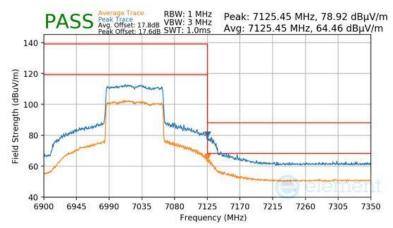


802.11ax-SU	
MCS11	
3 Meters	
6945MHz	
199	



Plot 7-1579 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS2	
3 Meters	
7025MHz	
215	

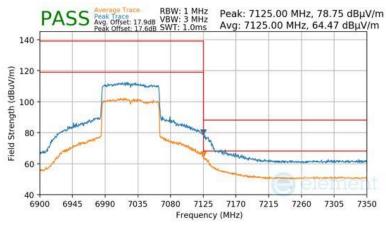


Plot 7-1580 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F 40 of FC7
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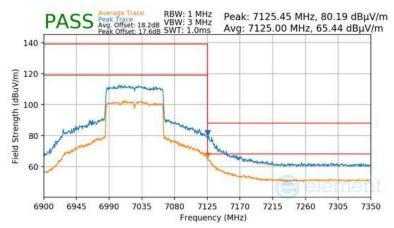


	802.11ax-SU
	MCS4
Ī	3 Meters
-	7025MHz
_	215



Plot 7-1581 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802	.11ax-SU		
MC	S11		
3 M	eters		
702	5MHz		
215			



Plot 7-1582 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

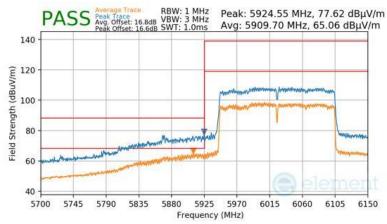
FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo F40 of F67
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## 7.7.25 SDM Diversity Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

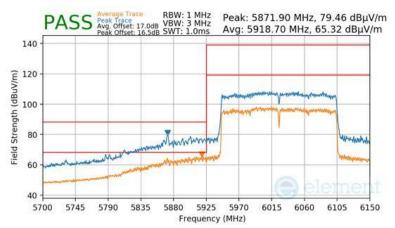
Mode
Data Rate
Distance of Measurement
Operating Frequency
Channel

802.11ax-	SU
MCS2	
3 Meters	
6025MHz	
15	



Plot 7-1583 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS4	
3 Meters	
6025MHz	
15	

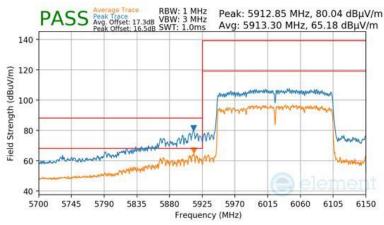


Plot 7-1584 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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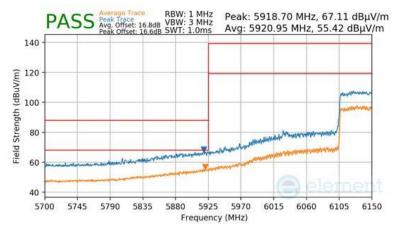


	802.11ax-SU
_	MCS11
Ī	3 Meters
_	6025MHz
_	15



Plot 7-1585 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS2	
3 Meters	
6185MHz	
47	

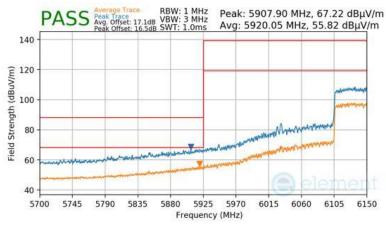


Plot 7-1586 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 554 of 567
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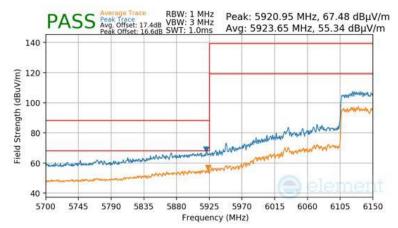


802.11ax-SU	
MCS4	
3 Meters	
6185MHz	
47	



Plot 7-1587 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

802.11ax-SU	
MCS11	
3 Meters	
6185MHz	
47	

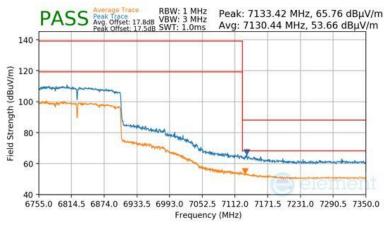


Plot 7-1588 SDM Diversity Radiated Lower Band Edge (Peak & Average - UNII Band 5)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 550 of 567
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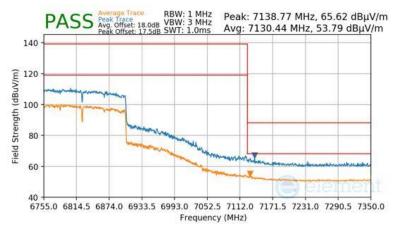


802.11ax-SU	
MCS2	
3 Meters	
6825MHz	
175	



Plot 7-1589 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 7)

802.11ax-SU	
MCS4	
3 Meters	
6825MHz	
175	

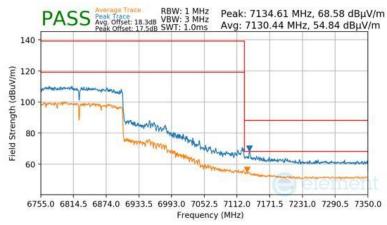


Plot 7-1590 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 7)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 550 of 567
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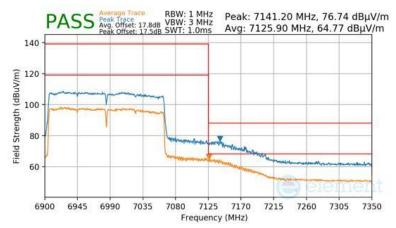


802.11ax-SU
MCS11
3 Meters
6825MHz
175



Plot 7-1591 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 7)

802.11ax-SU
MCS2
3 Meters
6985MHz
207

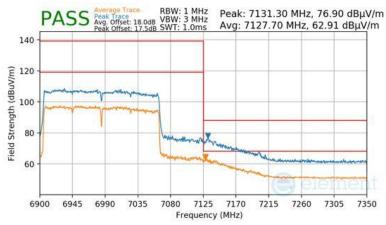


Plot 7-1592 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 554 of 567
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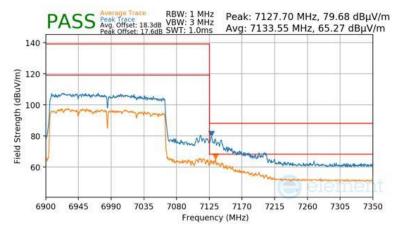


	802.11ax-SU
	MCS4
	3 Meters
	6985MHz
•	207



Plot 7-1593 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

802.11ax-SU	
MCS11	
3 Meters	
6985MHz	
207	



Plot 7-1594 SDM Diversity Radiated Upper Band Edge (Peak & Average - UNII Band 8)

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo FFF of FC7
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## 7.8 Radiated Spurious Emissions – Below 1GHz

§15.209; RSS-Gen [8.9]

#### **Test Overview and Limit**

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-225 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-225. Radiated Limits

### **Test Procedures Used**

ANSI C63.10-2013

#### **Test Settings**

#### **Quasi-Peak Field Strength Measurements**

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 120kHz (for emissions from 30MHz 1GHz)
- 3. Detector = quasi-peak
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

### **Peak Field Strength Measurements**

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 120kHz (for emissions from 30MHz 1GHz)
- 3. VBW = 300kHz
- 4. Detector = quasi-peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## **Test Setup**

The EUT and measurement equipment were set up as shown in the diagrams below.

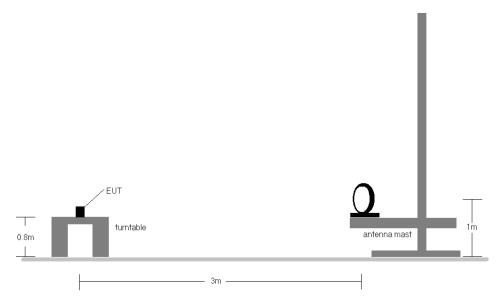


Figure 7-6. Radiated Test Setup < 30MHz

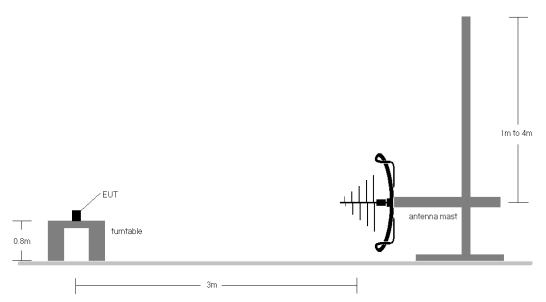


Figure 7-7. Radiated Test Setup < 1GHz

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## **Test Notes**

- 1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-225.
- The broadband receive antenna is manipulated through vertical and horizontal polarizations during the
  tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was
  positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst
  case emissions.
- 3. This unit was tested with its standard battery.
- 4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector on emissions that were within 6dB of the limit.
- 5. Emissions were measured at a 3 meter test distance.
- 6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
- 7. No spurious emissions were detected within 20dB of the limit below 30MHz.
- 8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
- 9. Both configurations below were investigated, and the worst case has been reported.
  - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
  - b. EUT powered by host PC via USB-C cable with wire charger
- 10. All antenna configurations were investigated and only the worst case is reported.
- 11. The unit was tested with all possible modes and only the highest emission is reported.

#### **Sample Calculations**

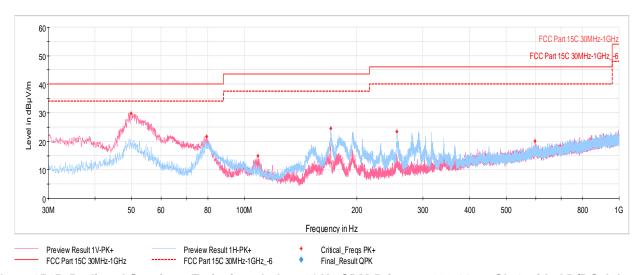
### **Determining Spurious Emissions Levels**

- Field Strength Level [dBμV/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB] Preamp Gain [dB]
- Margin [dB] = Field Strength Level [dBμV/m] Limit [dBμV/m]

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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# 7.8.1 SDM Primary Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-1595. Radiated Spurious Emissions below 1GHz SDM Primary, 802.11ax, Ch.1 with AD/DC Adapter

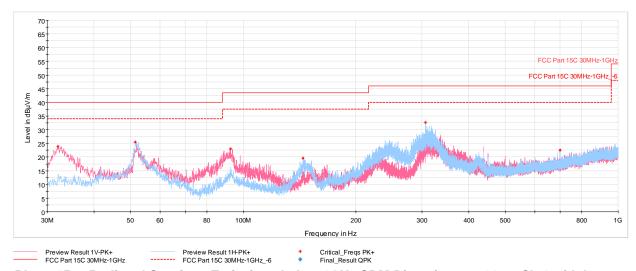
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
49.89	Max Peak	V	100	297	-64.54	-12.63	29.83	40.00	-10.17
79.37	Max Peak	V	300	18	-64.12	-21.29	21.59	40.00	-18.41
108.81	Max Peak	V	100	148	-75.53	-16.52	14.95	43.52	-28.57
170.07	Max Peak	Н	200	153	-63.51	-18.93	24.56	43.52	-18.96
255.72	Max Peak	Н	100	231	-68.83	-14.76	23.41	46.02	-22.61
597.01	Max Peak	V	200	11	-79.63	-7.31	20.06	46.02	-25.96

Table 7-226. Radiated Spurious Emissions below 1GHz SDM Primary, 802.11ax, Ch.1 with AD/DC Adapter

FCC ID: BCGA2899 IC: 579C-A2899	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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# 7.8.3 SDM Diversity Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-1596 Radiated Spurious Emissions below 1GHz SDM Diversity, 802.11ax, Ch.1 with Laptop

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
32.09	Max Peak	V	100	90	-67.09	-16.11	23.80	40.00	-16.20
51.53	Max Peak	Н	300	47	-68.36	-13.12	25.52	40.00	-14.48
92.47	Max Peak	V	100	90	-66.29	-17.71	23.00	43.52	-20.52
144.31	Max Peak	Н	200	319	-66.78	-20.59	19.63	43.52	-23.89
306.60	Max Peak	Н	100	92	-60.07	-14.29	32.64	46.02	-13.38
699.35	Max Peak	V	100	179	-78.04	-6.34	22.62	46.02	-23.40

Table 7-227. Radiated Spurious Emissions below 1GHz SDM Diversity, 802.11ax, Ch.1 with Laptop

FCC ID: BCGA2899 IC: 579C-A2899	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## 7.9 AC Line-Conducted Emissions Measurement

### §15.407; RSS-Gen [8.8]

### **Test Overview and Limit**

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dBμV)			
(1411-12)	Quasi-peak	Average		
0.15 – 0.5	66 to 56*	56 to 46*		
0.5 – 5	56	46		
5 – 30	60	50		

Table 7-228. Conducted Limits

## **Test Procedures Used**

ANSI C63.10-2013, Section 6.2

## **Test Settings**

### **Quasi-Peak Measurements**

- 1. Analyzer center frequency was set to the frequency of the spurious emission of interest
- 2. RBW = 9kHz (for emissions from 150kHz 30MHz)
- 3. Detector = quasi-peak
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

### **Average Measurements**

- 1. Analyzer center frequency was set to the frequency of the spurious emission of interest
- 2. RBW = 9kHz (for emissions from 150kHz 30MHz)
- 3. Detector = RMS
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

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<sup>\*</sup>Decreases with the logarithm of the frequency.