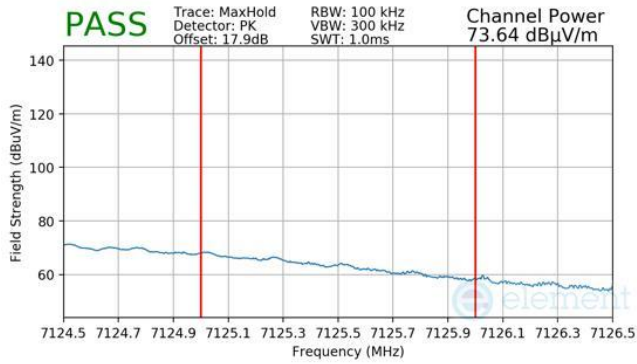
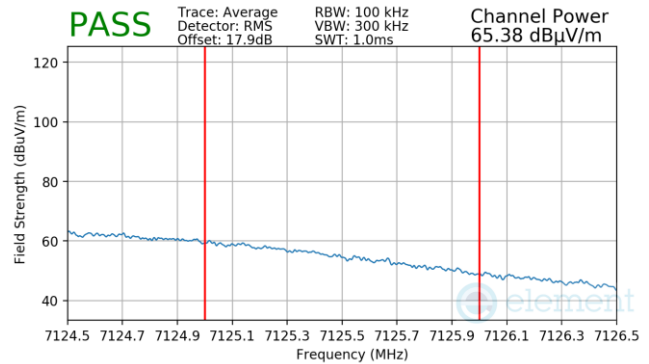


Mode	802.11a
Data Rate	MCS54
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

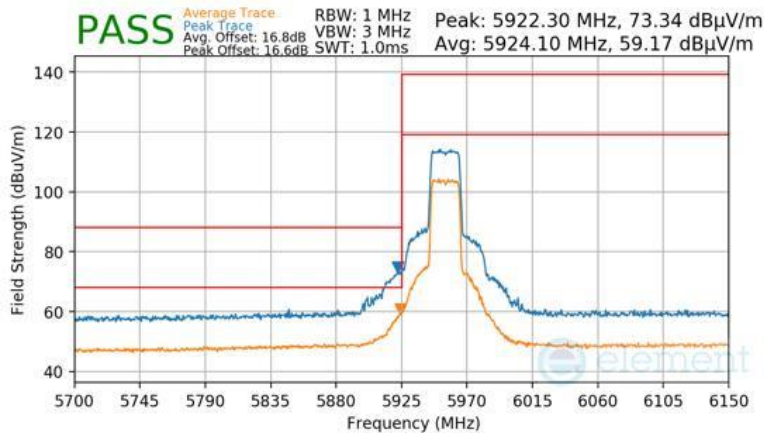


Plot 7-1406. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)



Plot 7-1407. ANTENNA WF7 RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

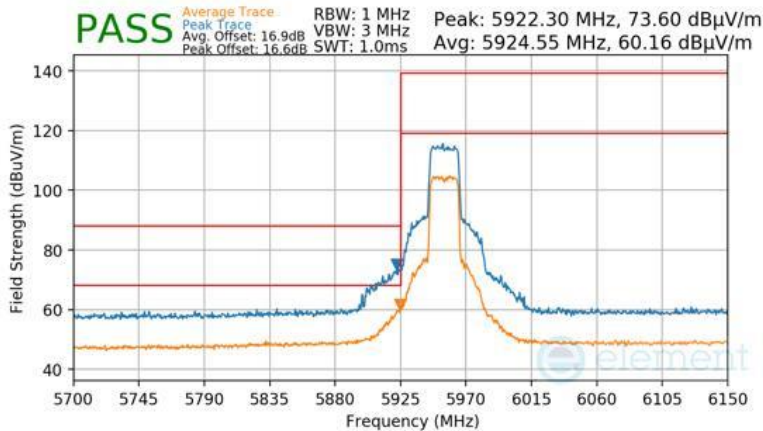
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5955MHz
Channel	1



Plot 7-1408. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

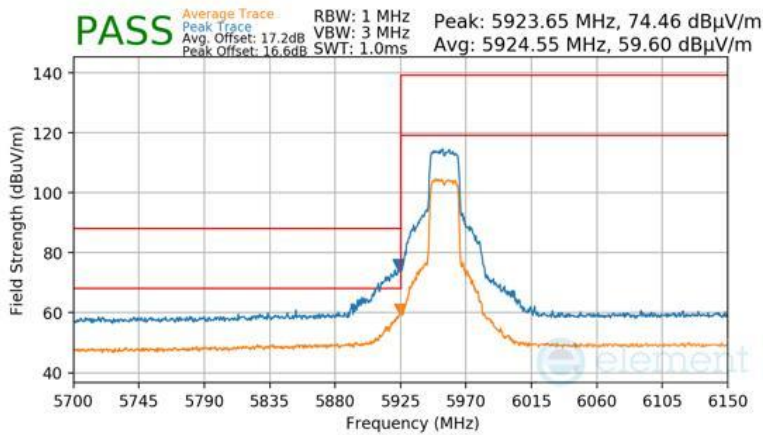
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 487 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5955MHz
Channel	1



Plot 7-1409. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

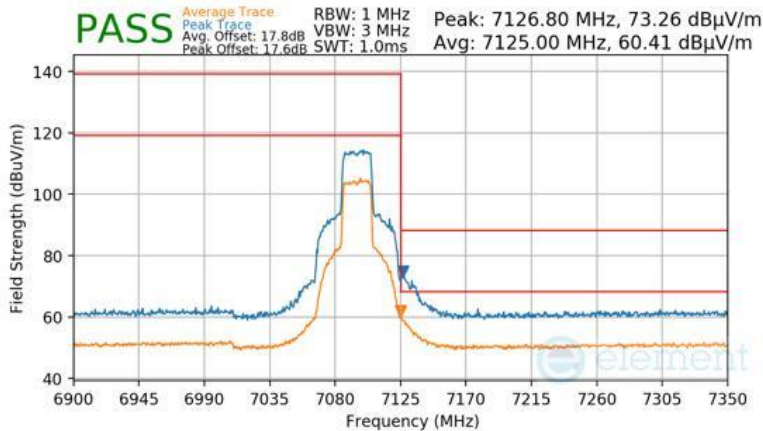
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5955MHz
Channel	1



Plot 7-1410. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

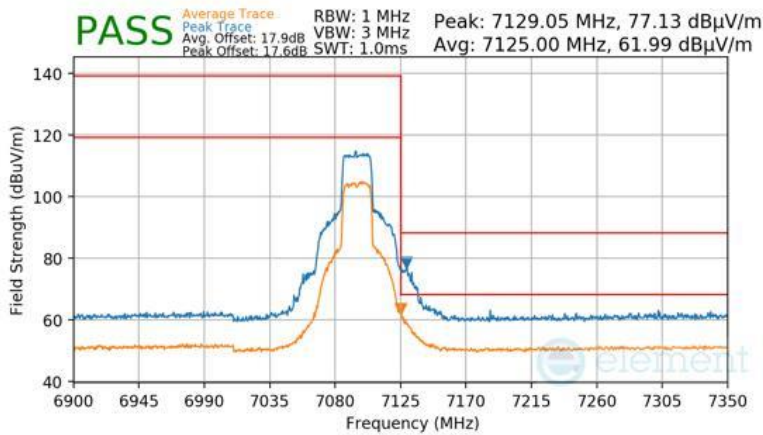
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 488 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229



Plot 7-1411. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

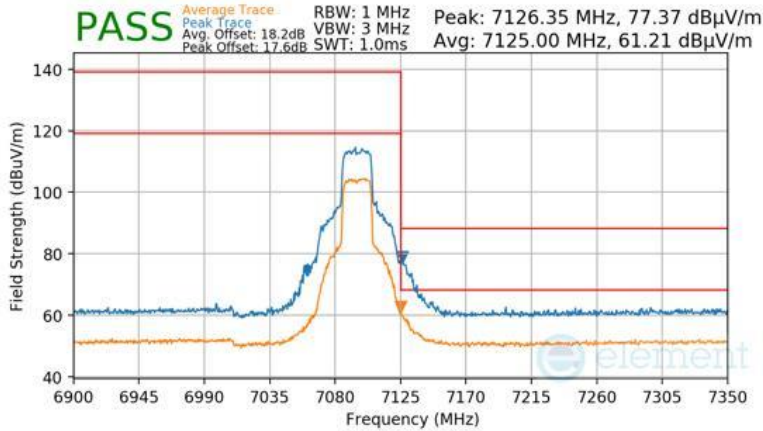
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229



Plot 7-1412. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

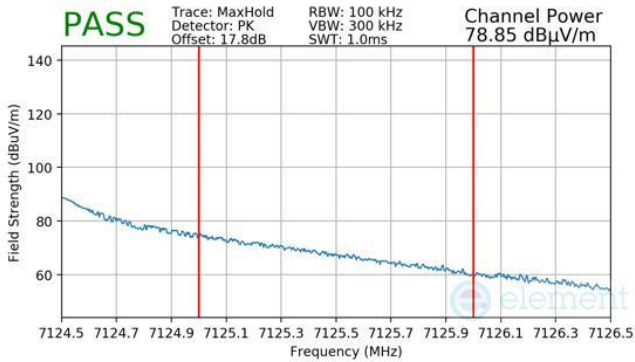
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 489 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229

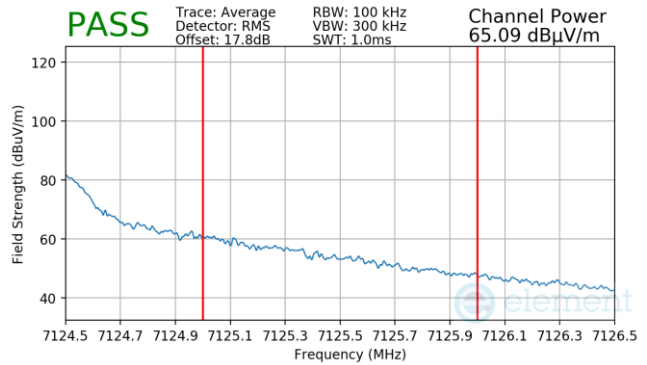


Plot 7-1413. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



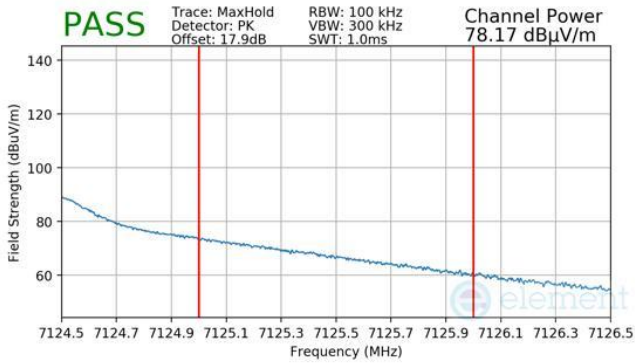
Plot 7-1414. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)



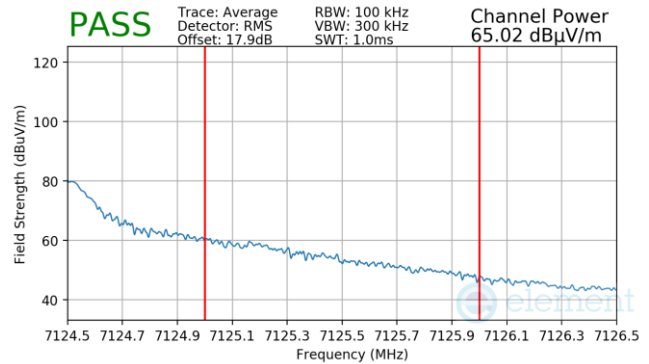
Plot 7-1415. ANTENNA WF7 RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 490 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

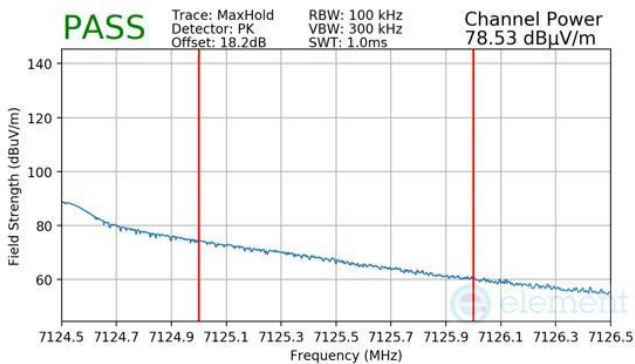


Plot 7-1416. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)

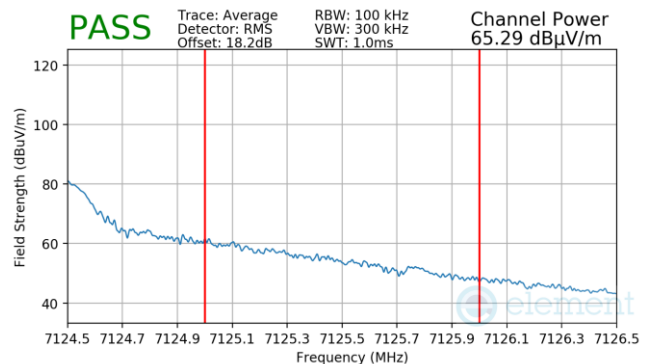


Plot 7-1417. ANTENNA WF7 RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



Plot 7-1418. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)

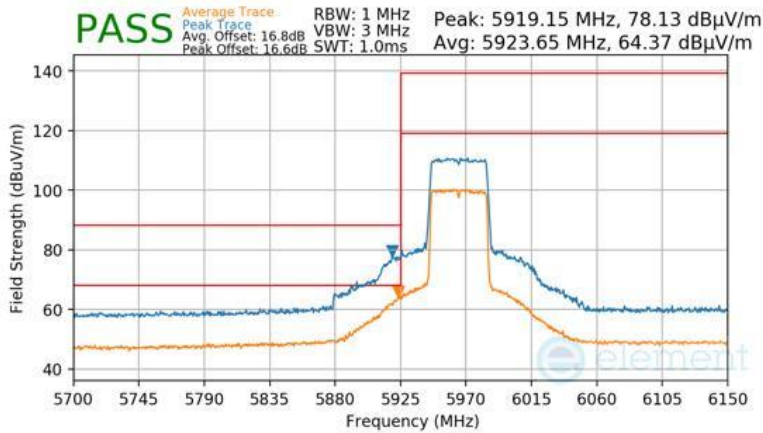


Plot 7-1419. ANTENNA WF7 RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 491 of 567

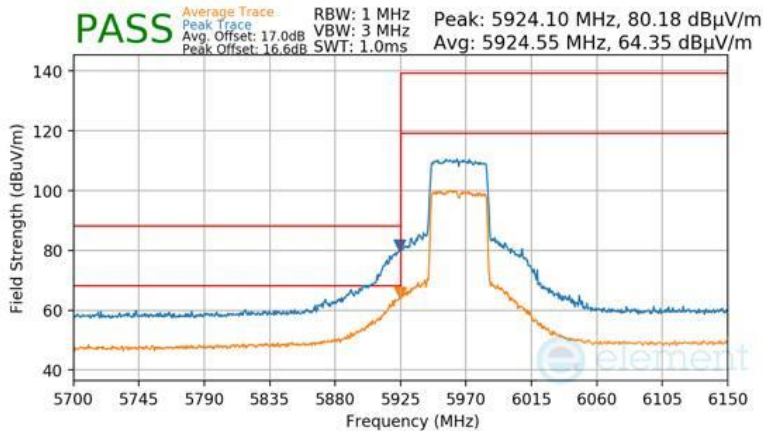
7.7.15 Antenna WF7 Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1420. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

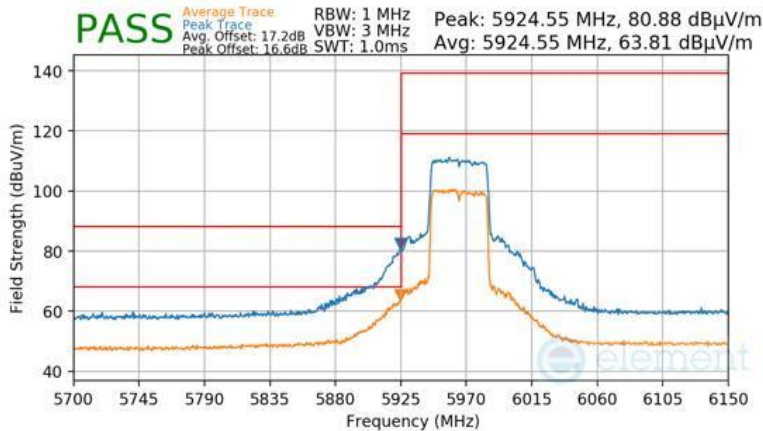
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1421. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

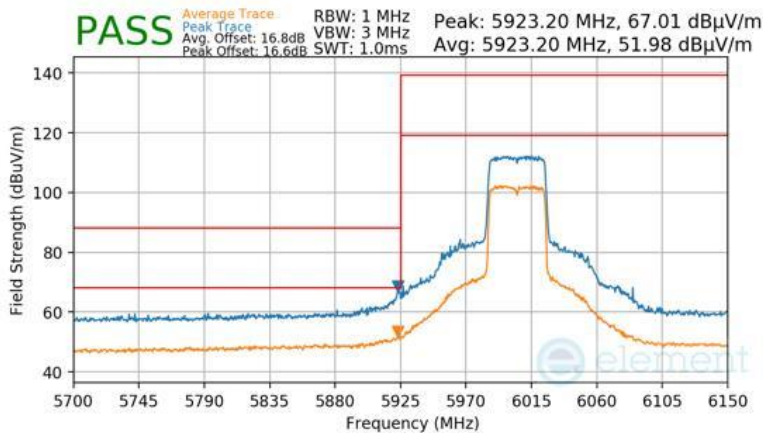
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 492 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1422. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

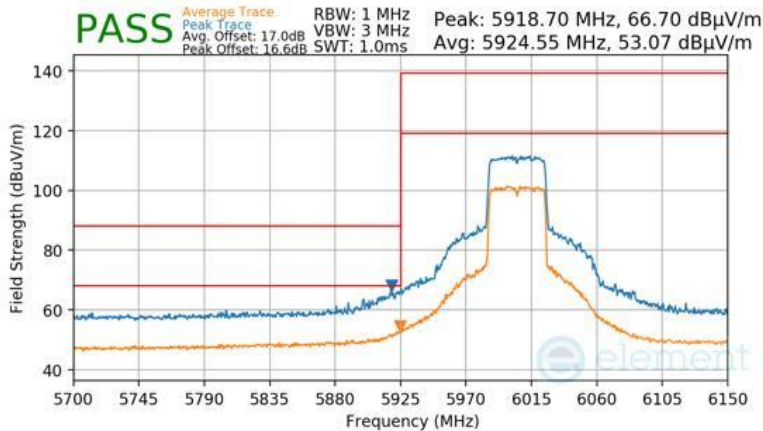
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1423. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

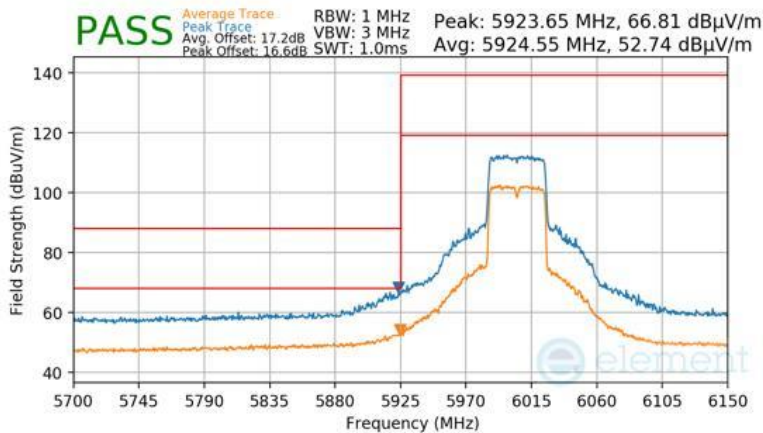
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 493 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1424. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

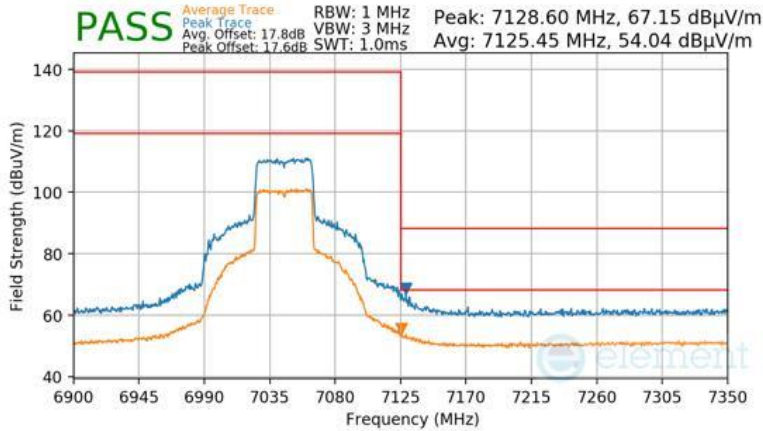
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1425. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

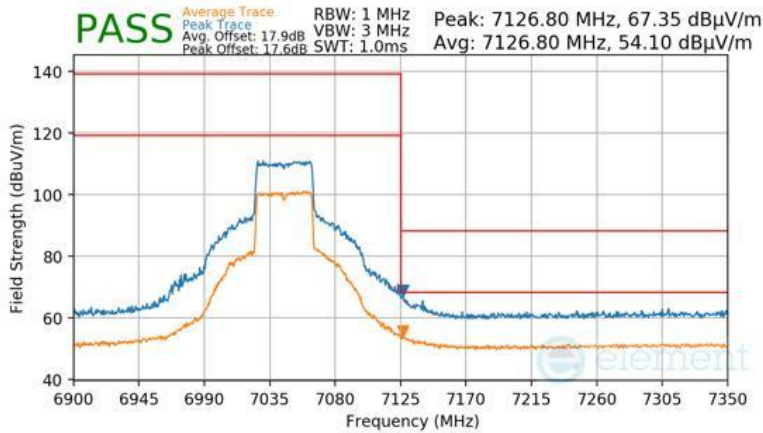
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 494 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1426. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

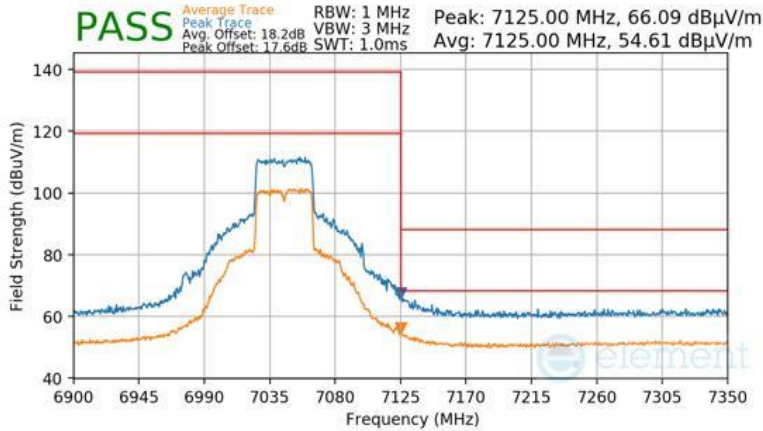
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1427. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

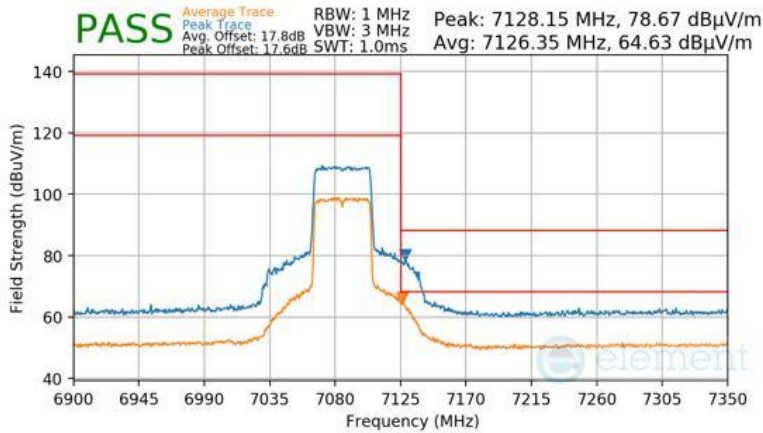
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 495 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1428. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

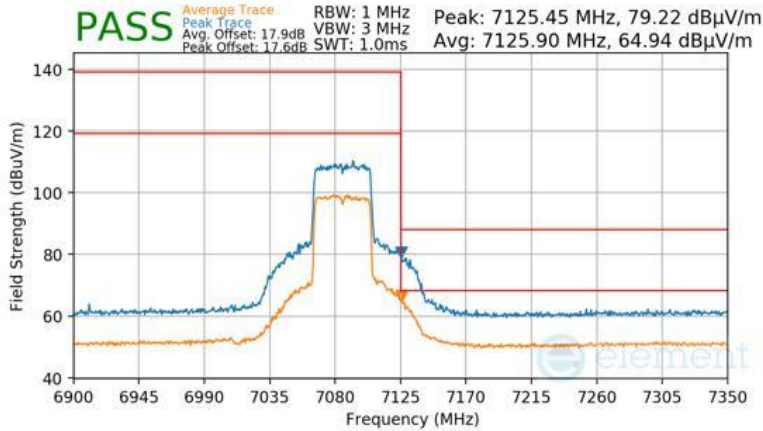
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227



Plot 7-1429. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

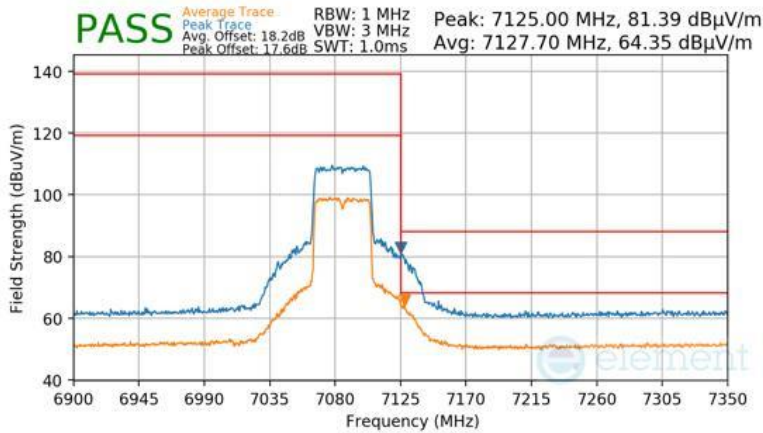
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 496 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227



Plot 7-1430. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227

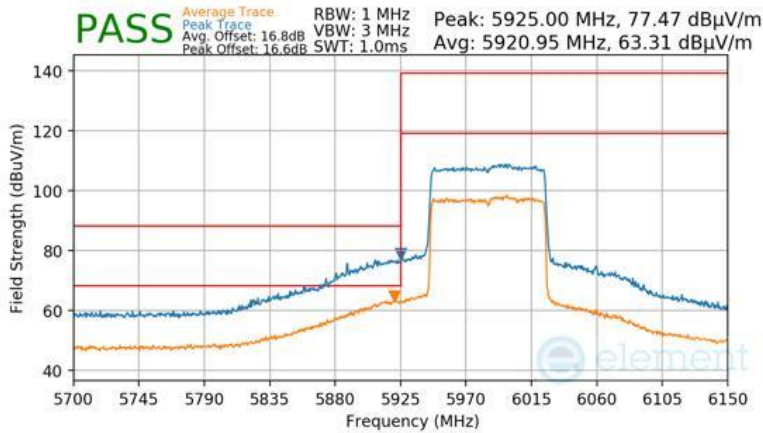


Plot 7-1431. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 497 of 567

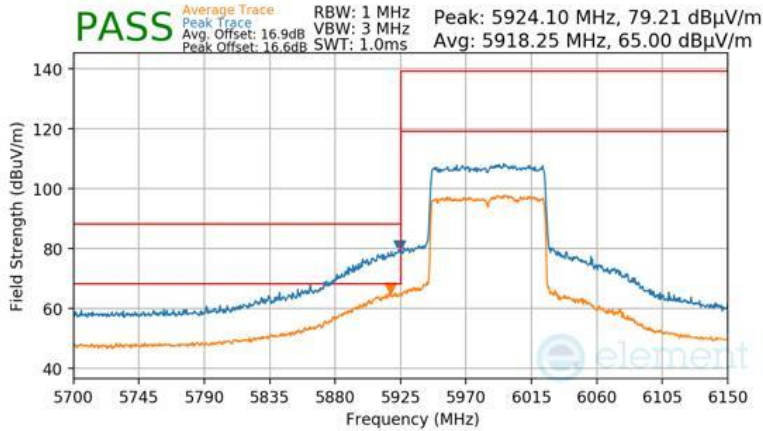
7.7.16 Antenna WF7 Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1432. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

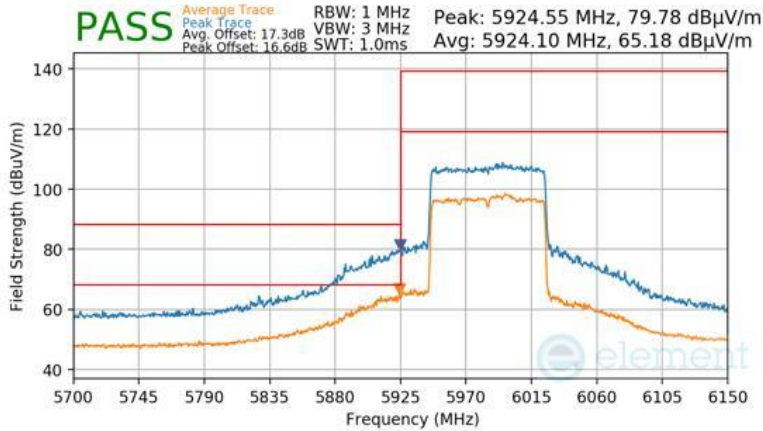
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1433. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

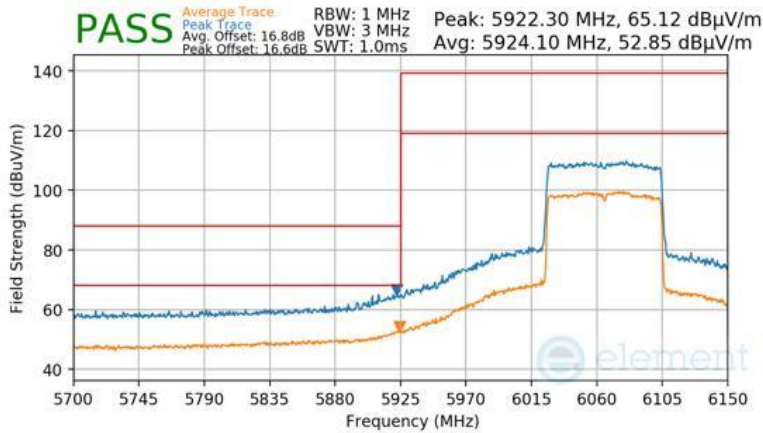
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 498 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1434. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

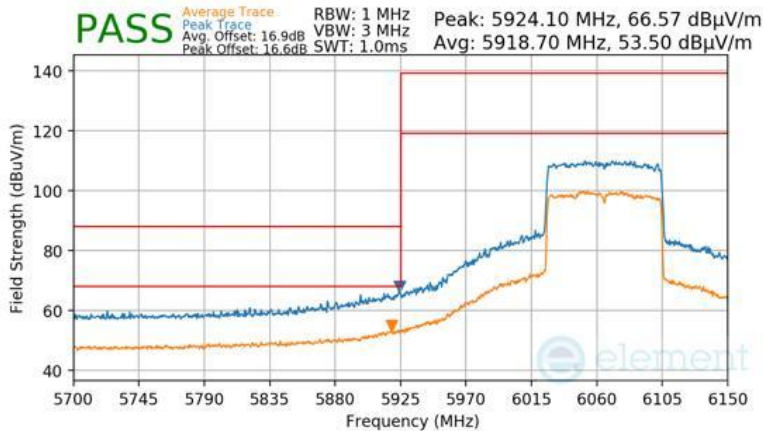
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1435. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

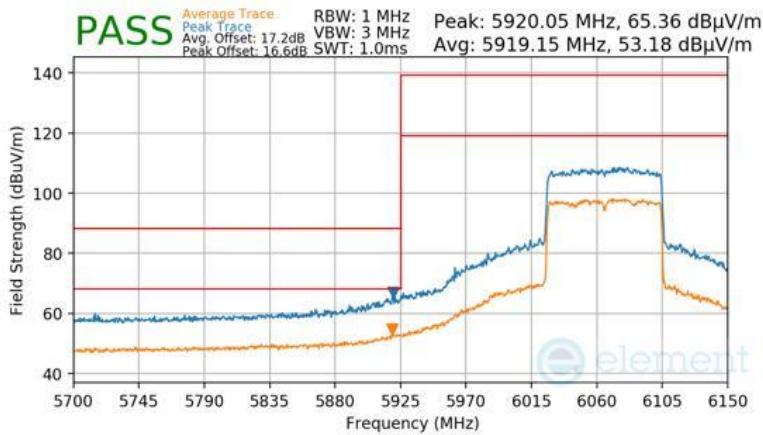
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 499 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1436. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

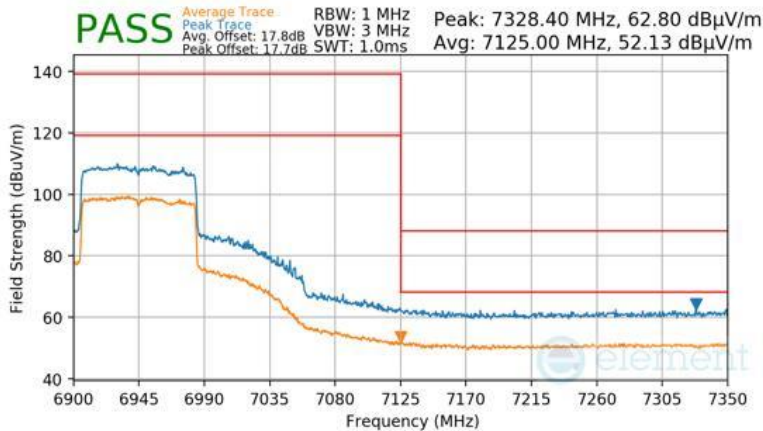
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1437. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

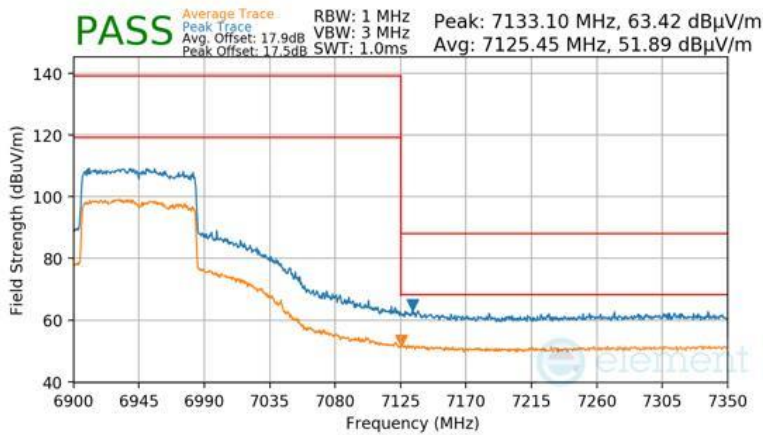
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 500 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1438. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

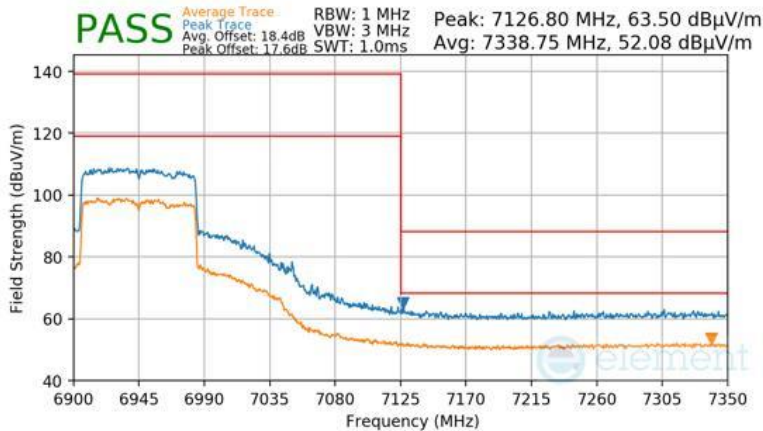
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1439. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

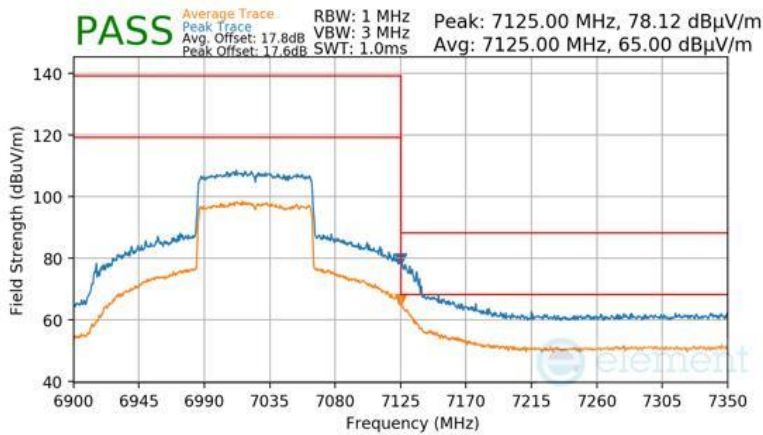
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 501 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1440. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

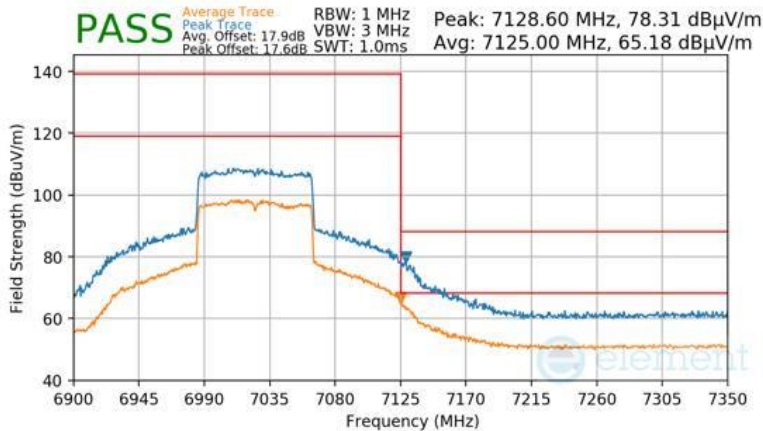
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



Plot 7-1441. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

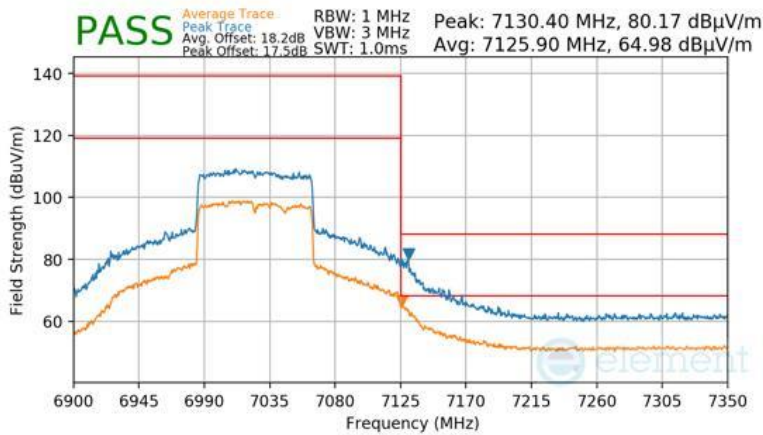
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 502 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



Plot 7-1442. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215

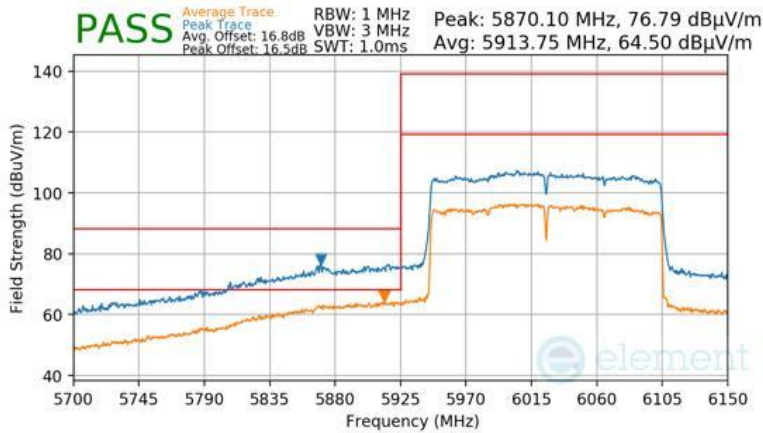


Plot 7-1443. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 503 of 567

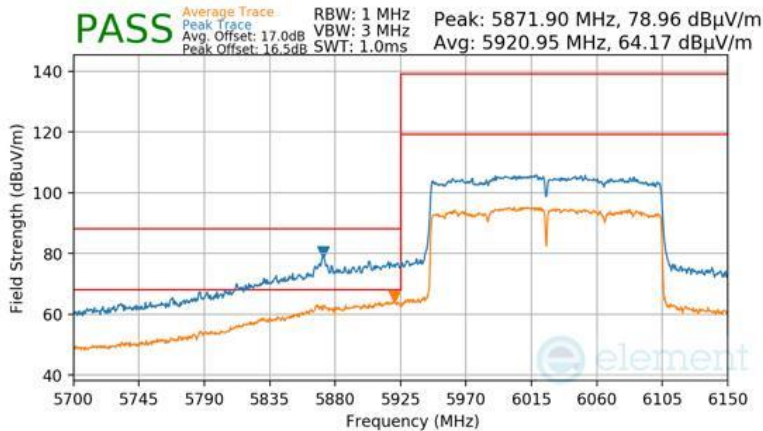
7.7.17 Antenna WF7 Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1444. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

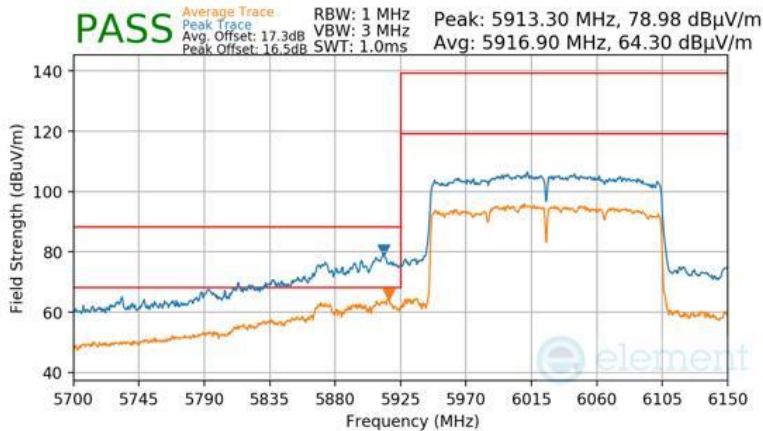
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1445. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

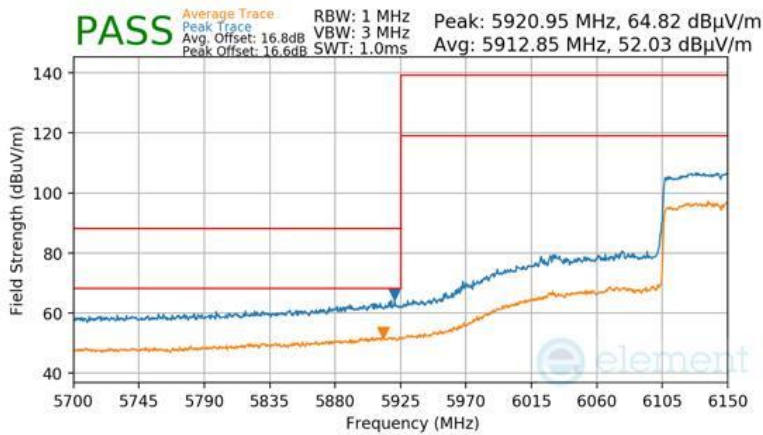
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 504 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1446. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

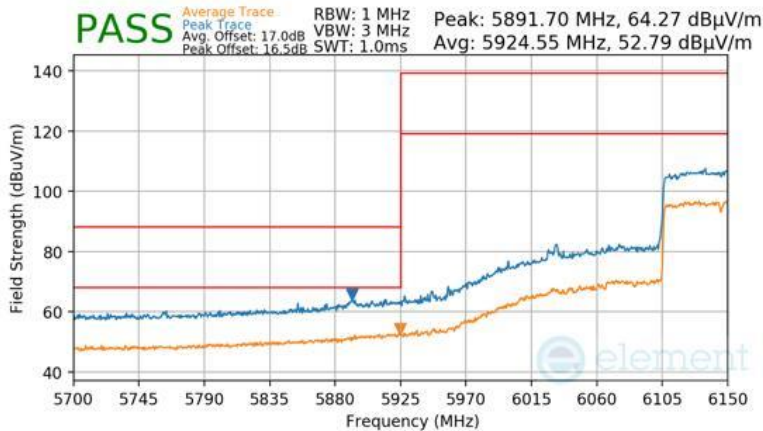
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1447. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

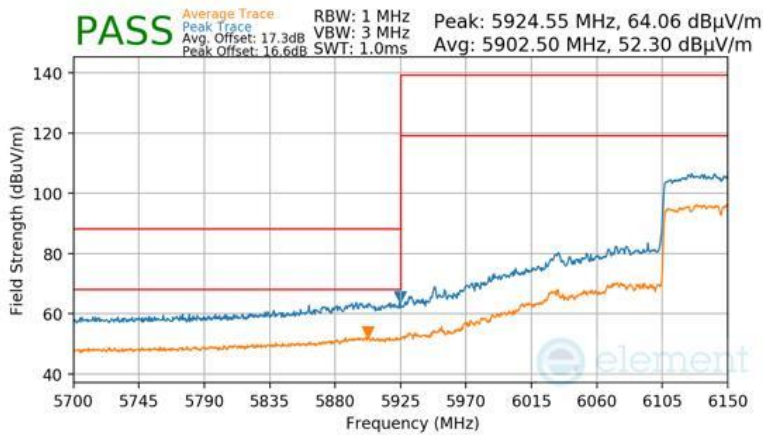
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 505 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1448. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

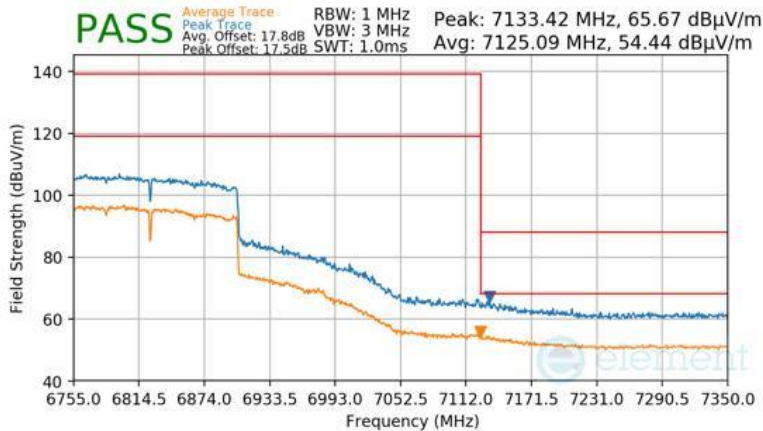
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1449. ANTENNA WF7 RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

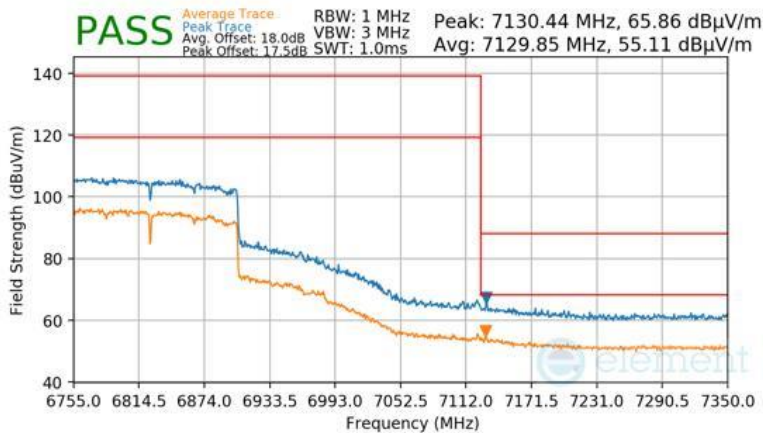
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 506 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1450. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

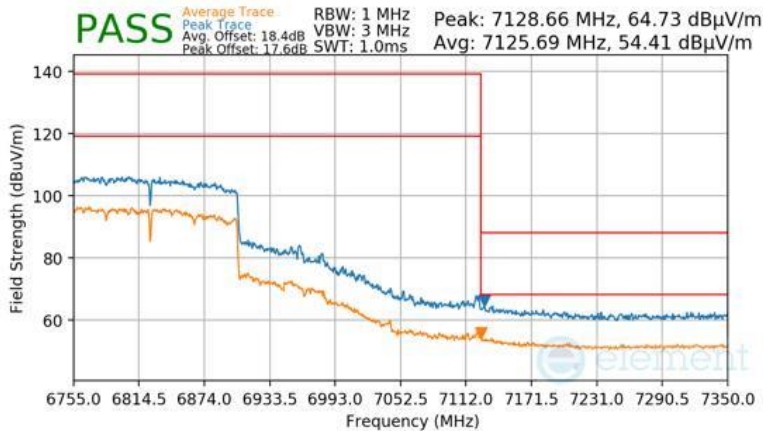
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1451. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

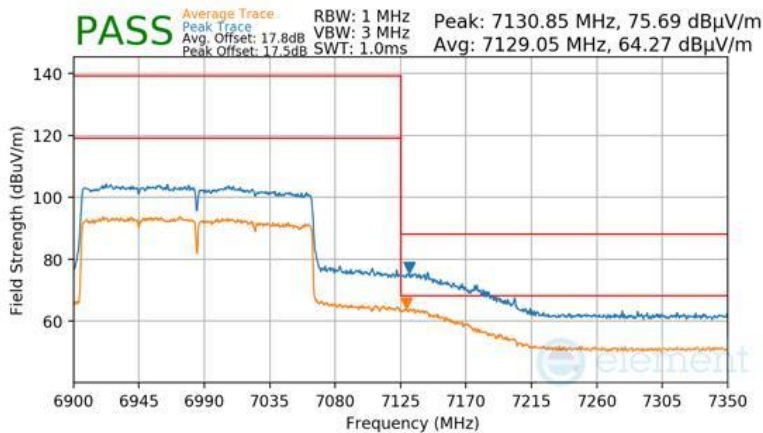
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 507 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1452. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

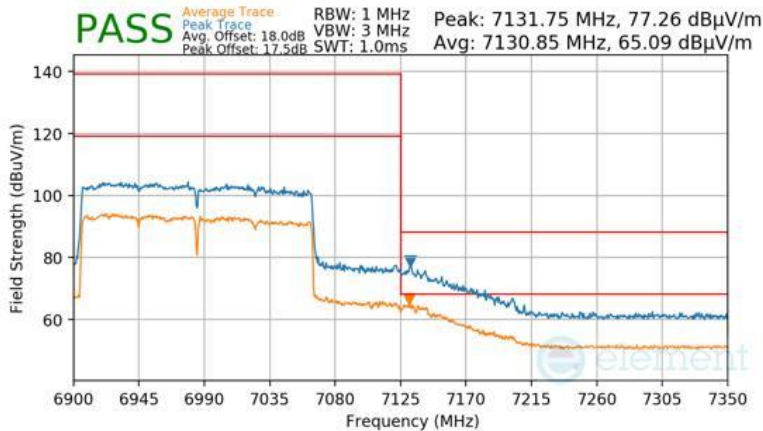
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-1453. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

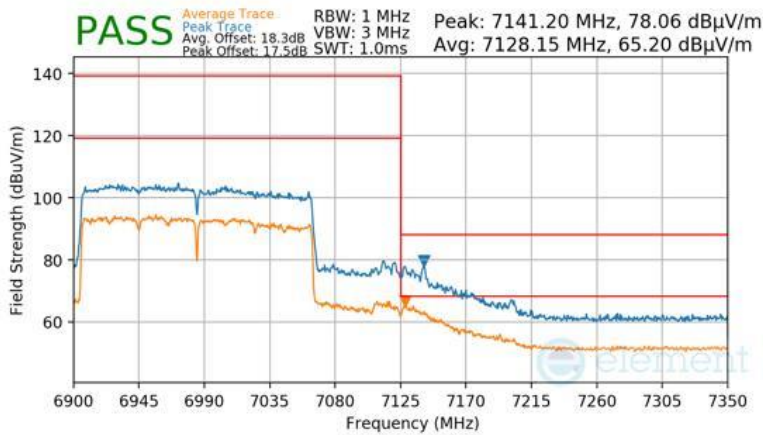
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 508 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-1454. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207

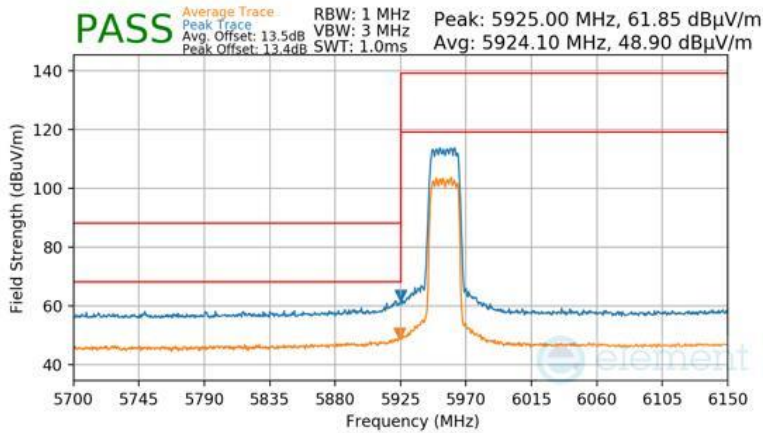


Plot 7-1455. ANTENNA WF7 RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 509 of 567

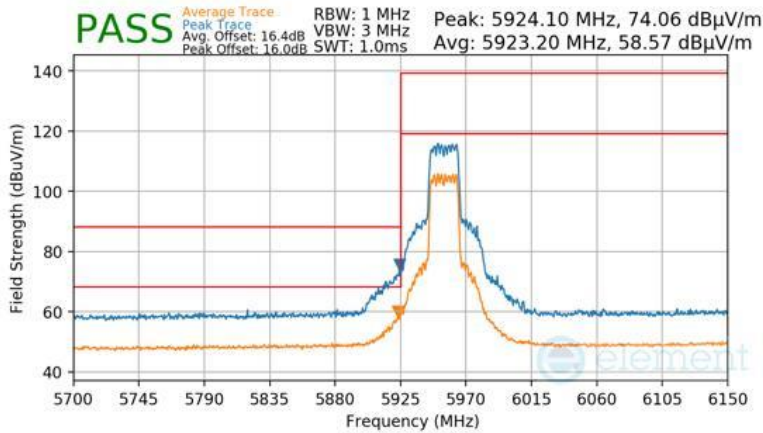
7.7.18 SDM Primary Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5955 MHz
Channel	1



Plot 7-1456. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

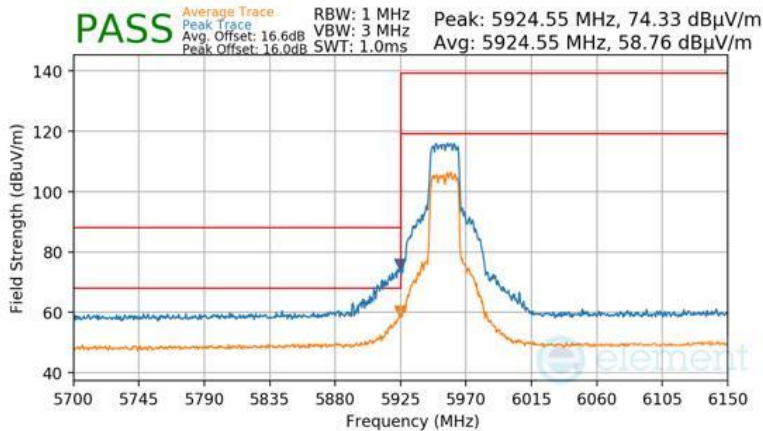
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5955MHz
Channel	1



Plot 7-1457. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

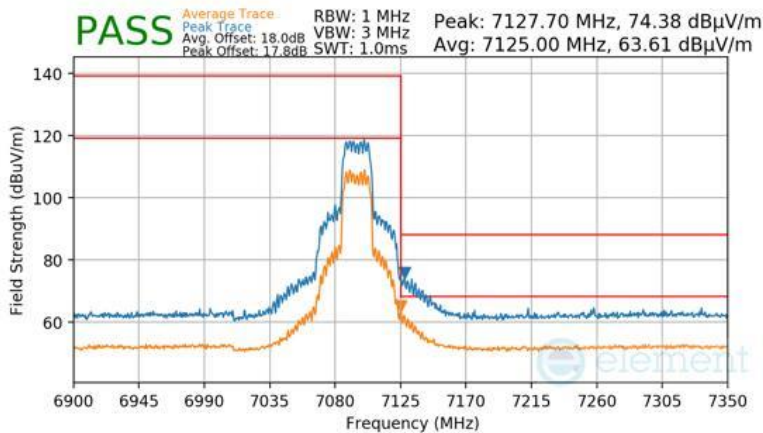
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 510 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5955MHz
Channel	1



Plot 7-1458. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

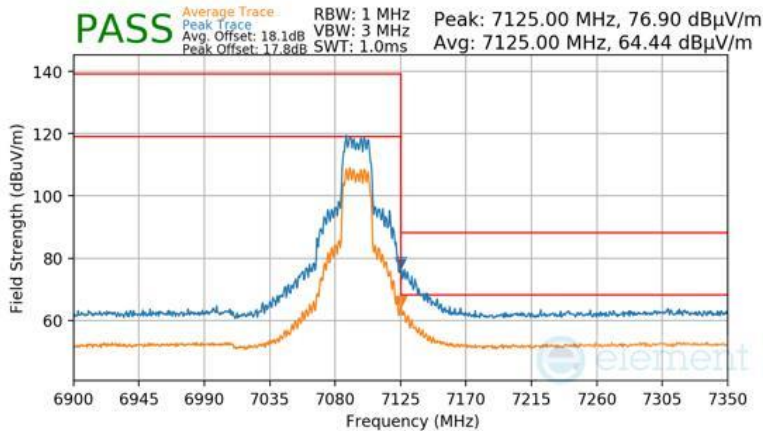
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229



Plot 7-1459. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

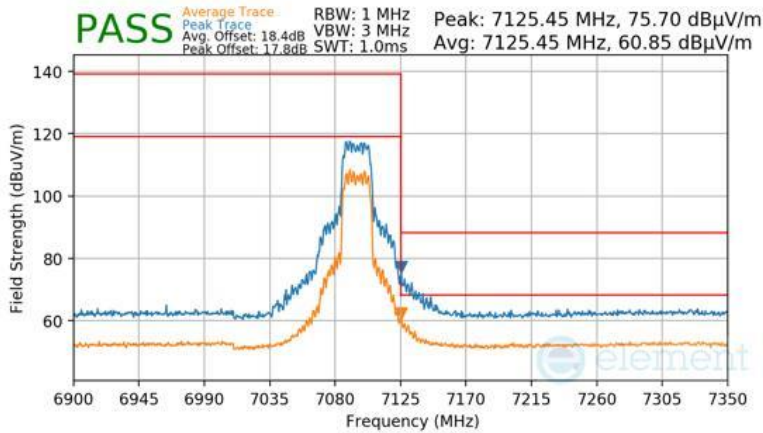
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 511 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229



Plot 7-1460. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

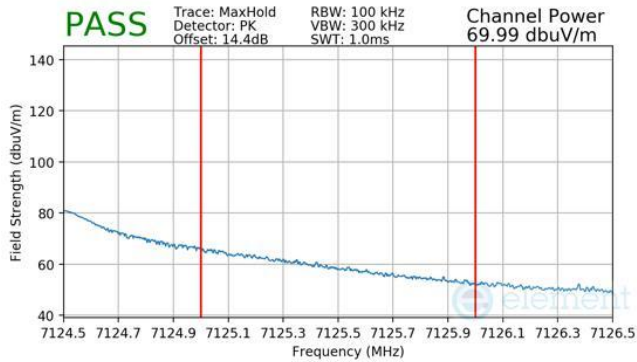
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229



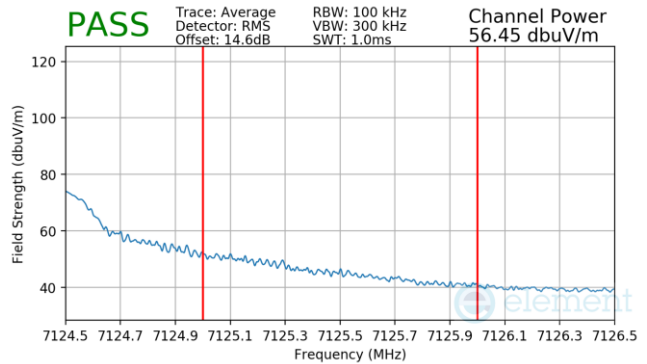
Plot 7-1461. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 512 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

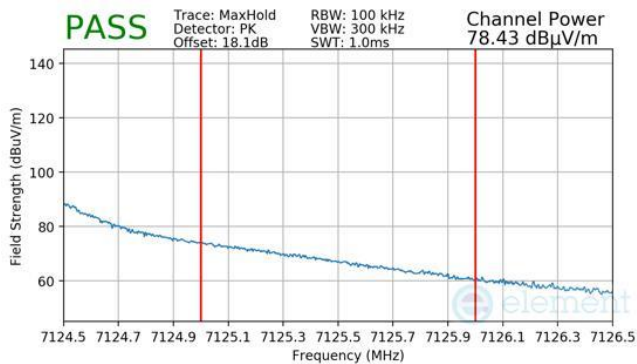


Plot 7-1462. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)

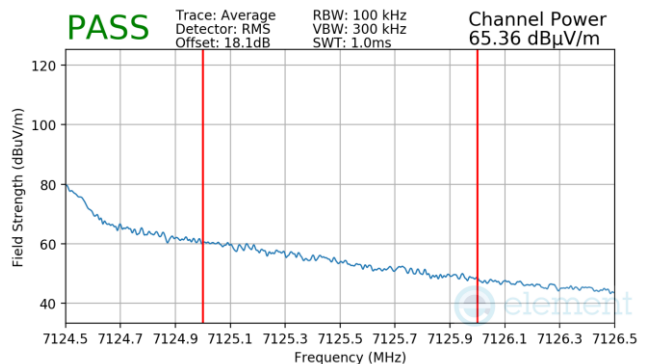


Plot 7-1463. SDM PRIMARY RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



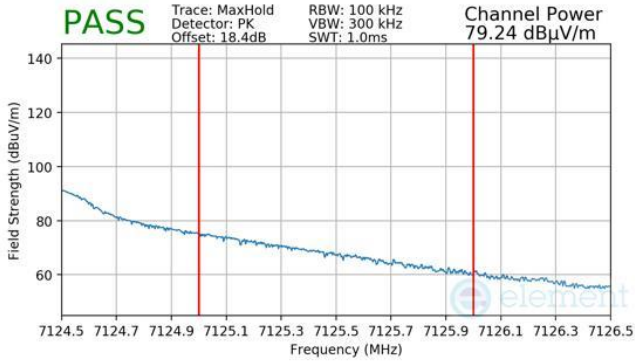
Plot 7-1464. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)



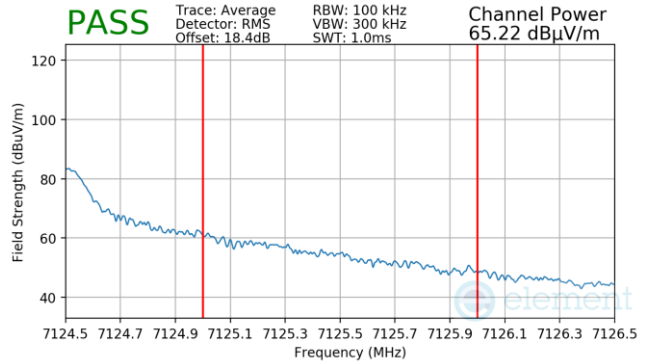
Plot 7-1465. SDM PRIMARY RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 513 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



Plot 7-1466. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)

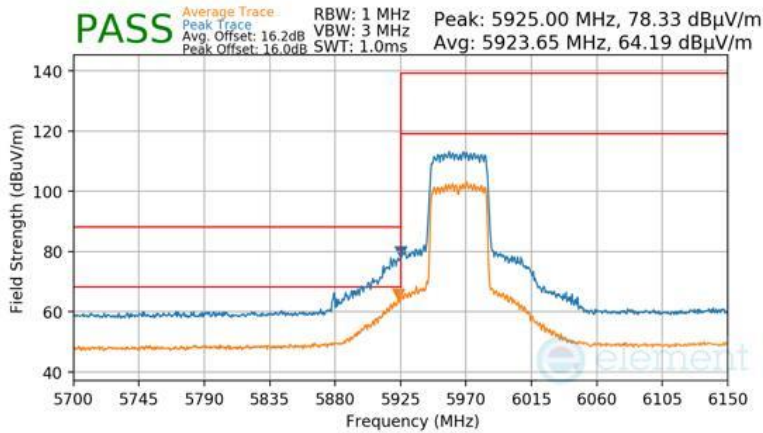


Plot 7-1467. SDM PRIMARY RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 514 of 567

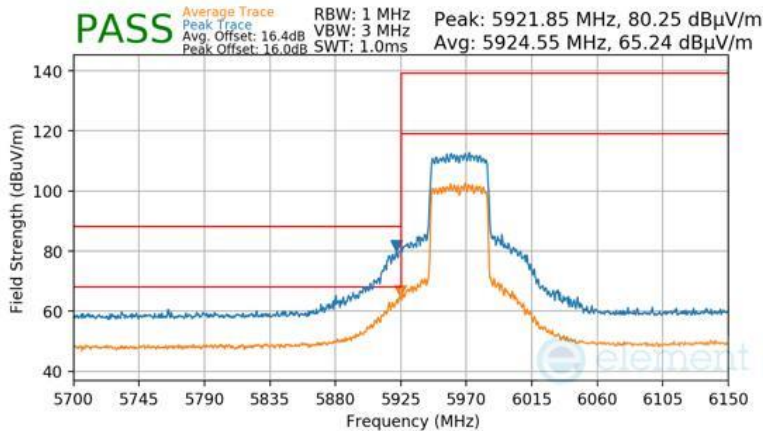
7.7.19 SDM Primary Radiated Band Edge Measurements (40MHz BW) \$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1468. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

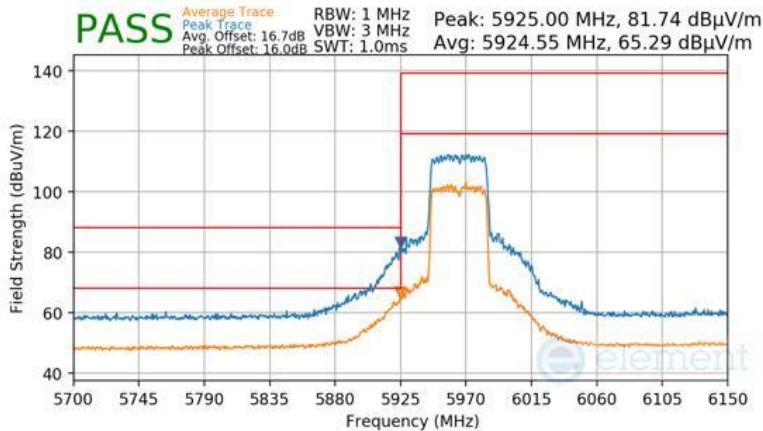
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1469. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

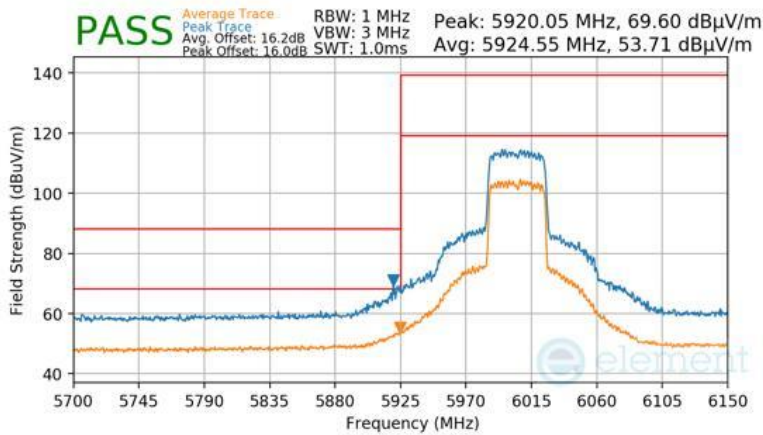
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 515 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1470. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

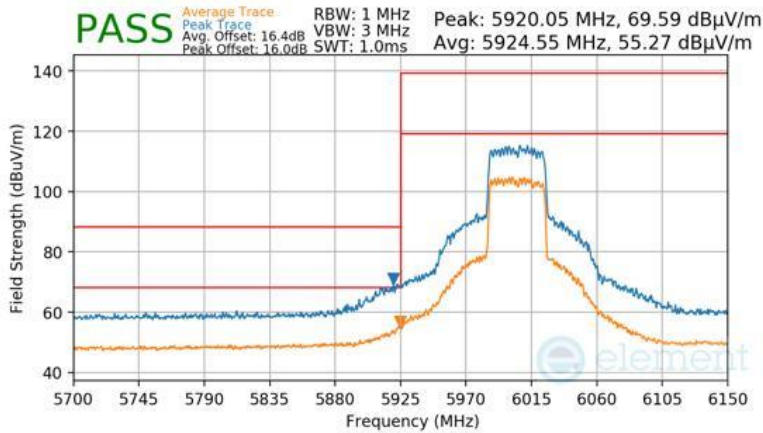
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1471. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

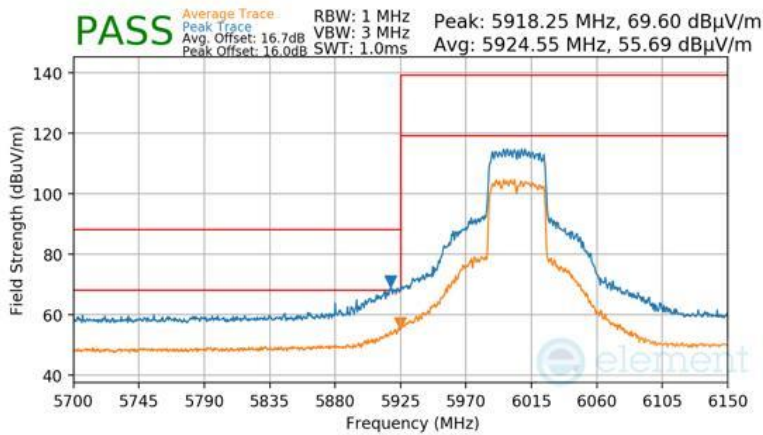
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 516 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1472. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

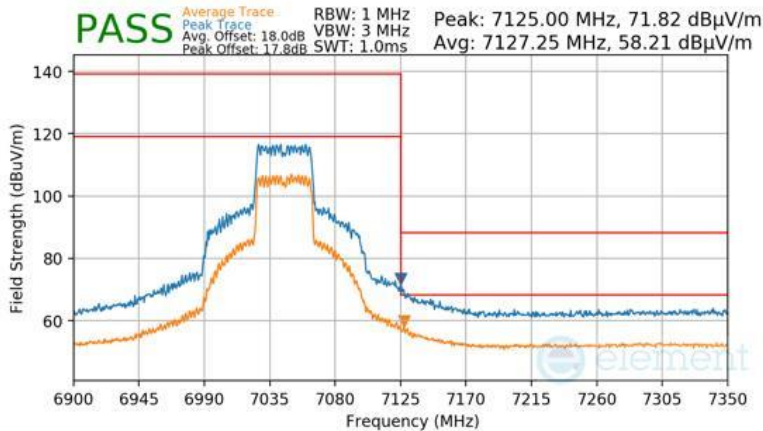
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1473. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

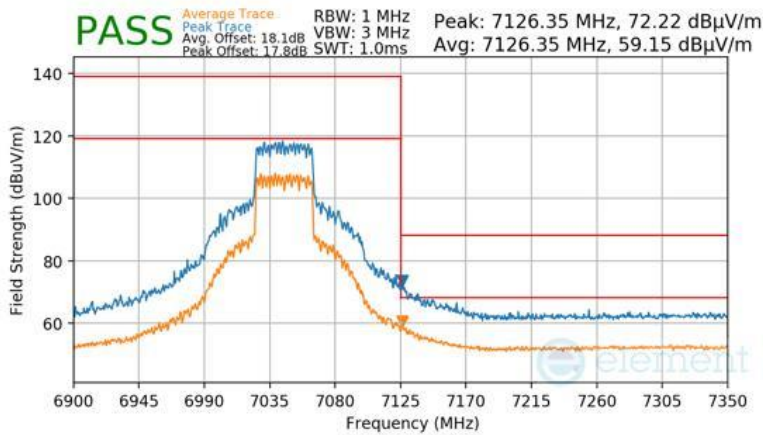
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 517 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1474. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

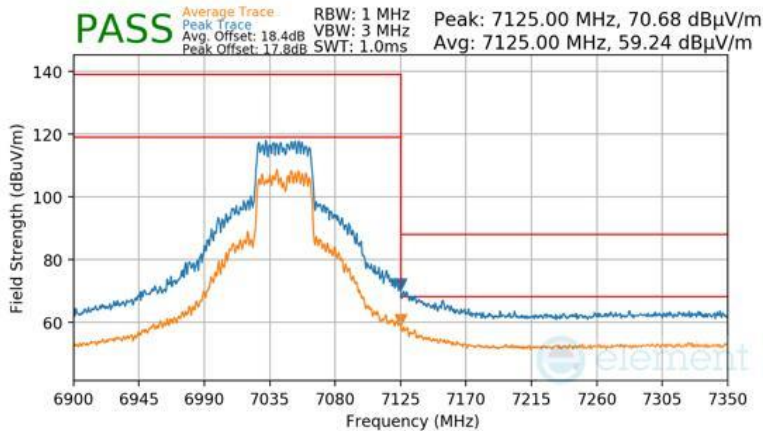
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1475. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

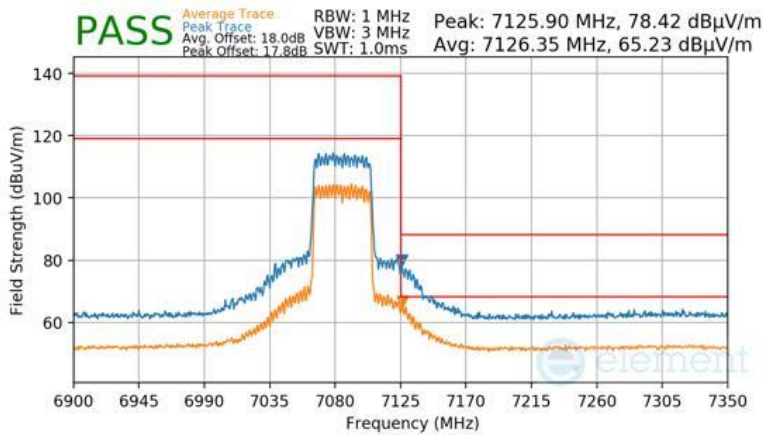
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 518 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1476. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

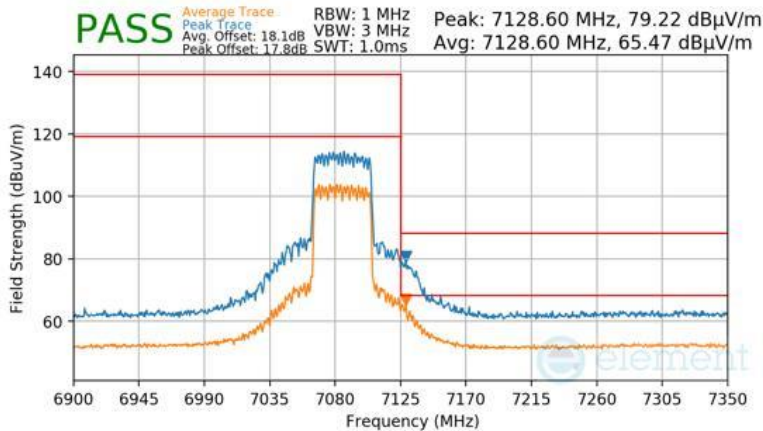
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227



Plot 7-1477. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

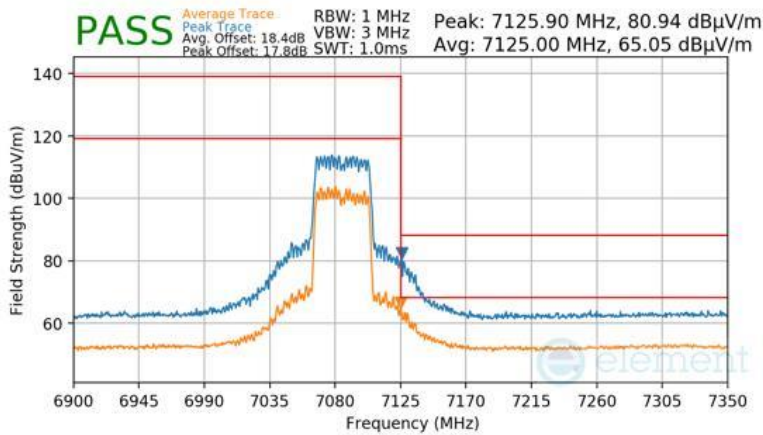
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 519 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227



Plot 7-1478. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227

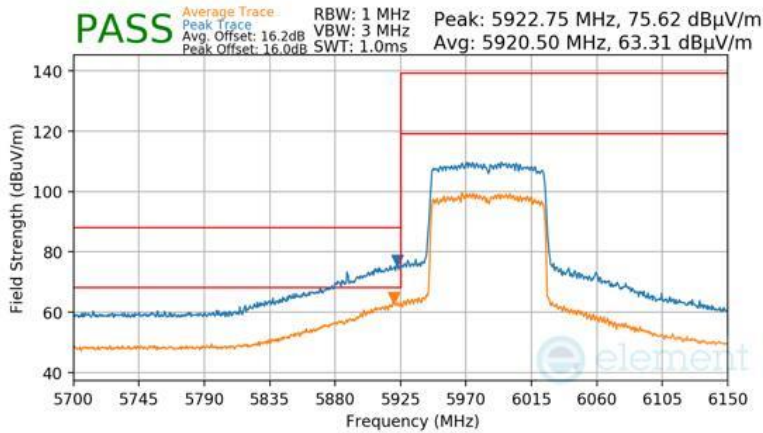


Plot 7-1479. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 520 of 567

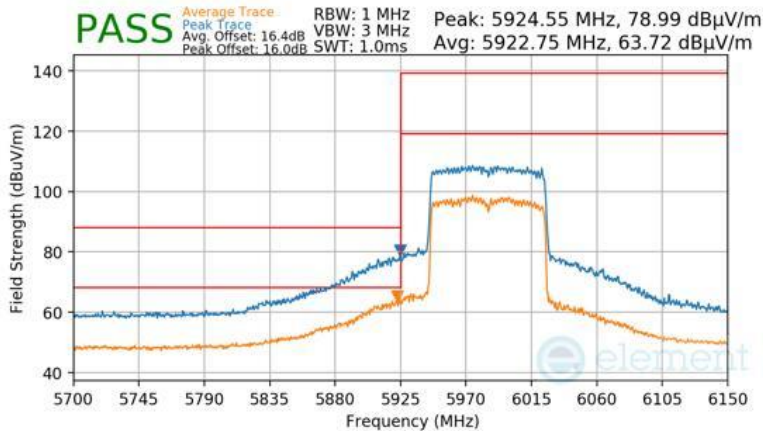
7.7.20 SDM Primary Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1480. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

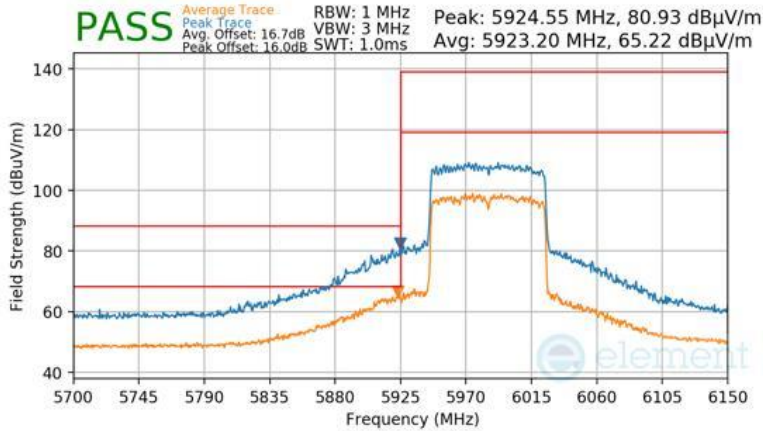
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1481. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

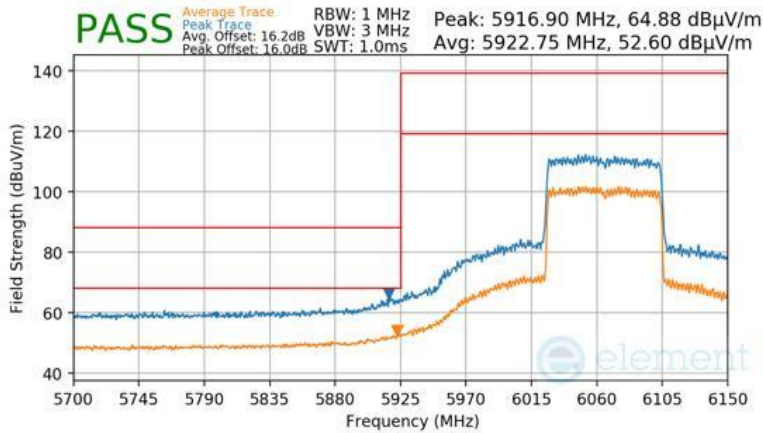
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 521 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1482. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

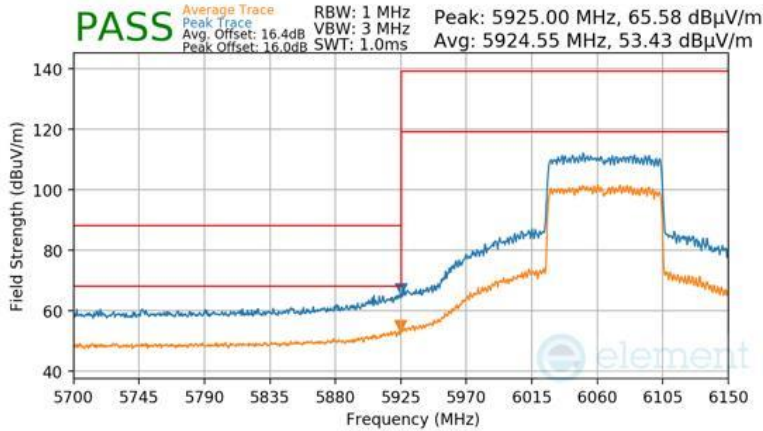
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1483. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

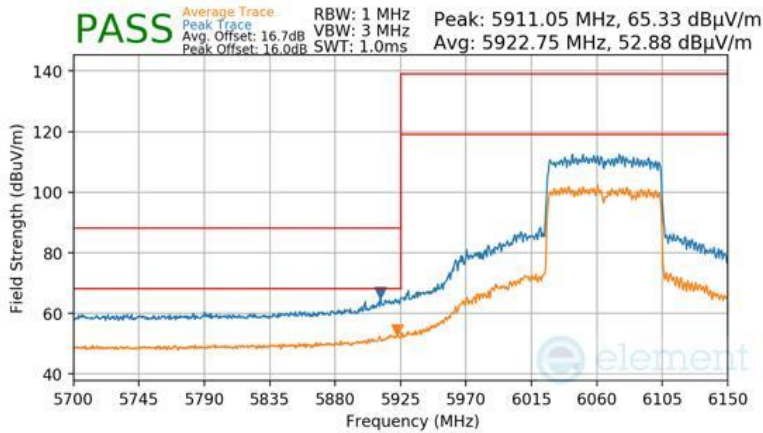
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 522 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1484. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

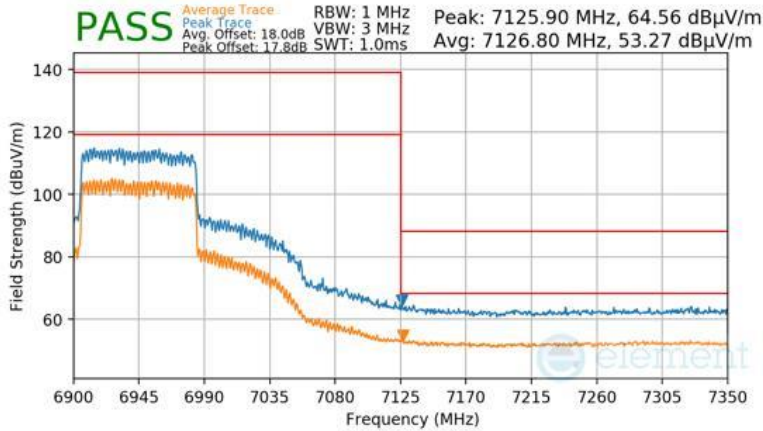
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1485. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

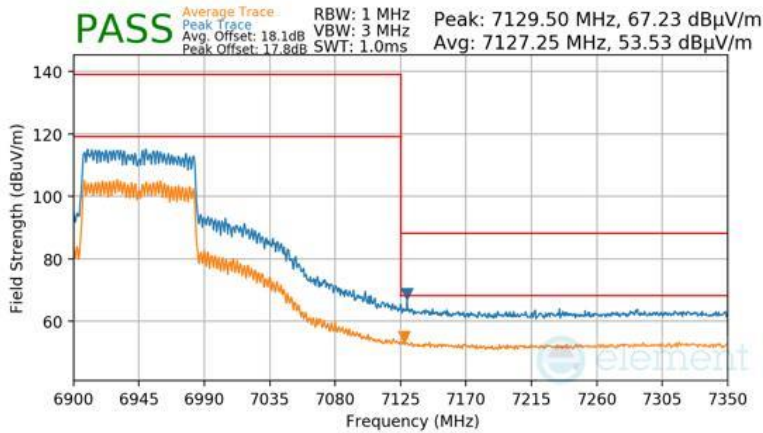
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 523 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1486. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

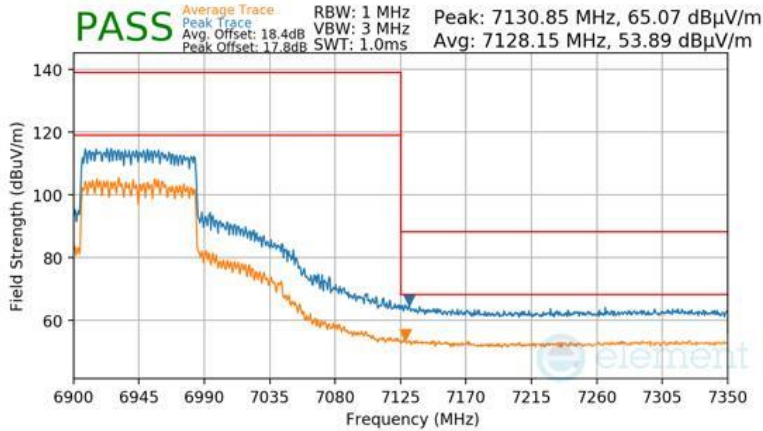
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1487. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

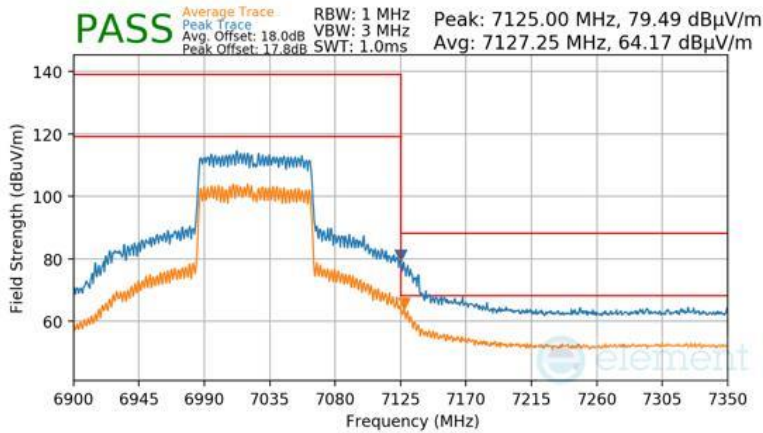
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 524 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1488. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

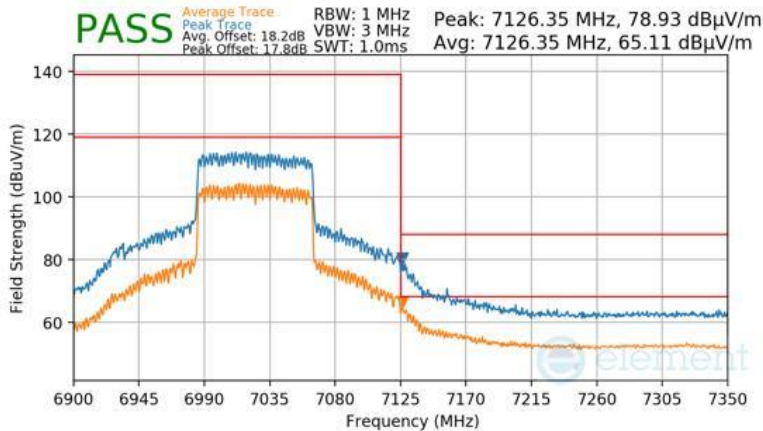
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



Plot 7-1489. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

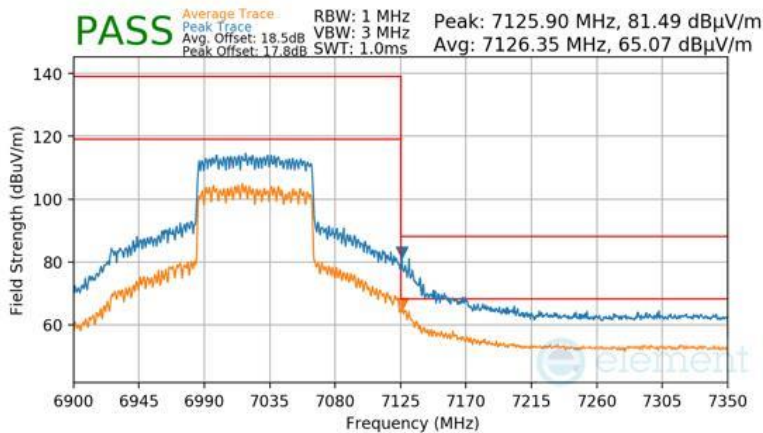
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 525 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



Plot 7-1490. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215

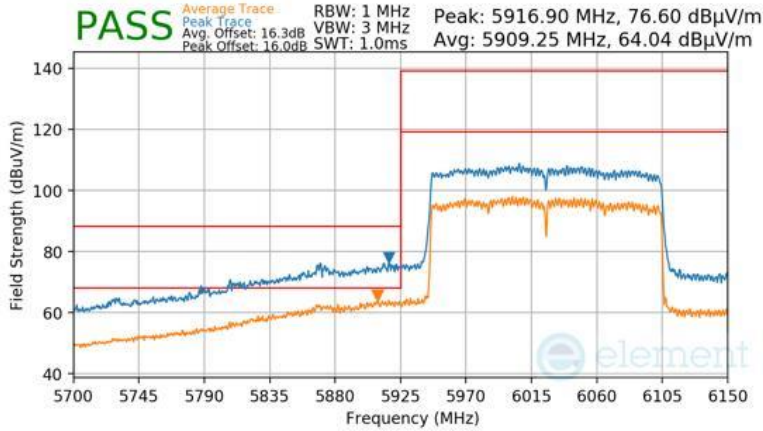


Plot 7-1491. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 526 of 567

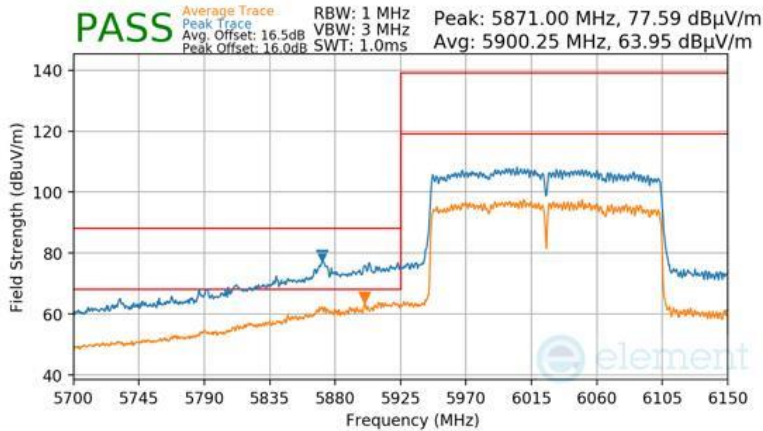
7.7.21 SDM Primary Radiated Band Edge Measurements (160MHz BW)
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1492. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

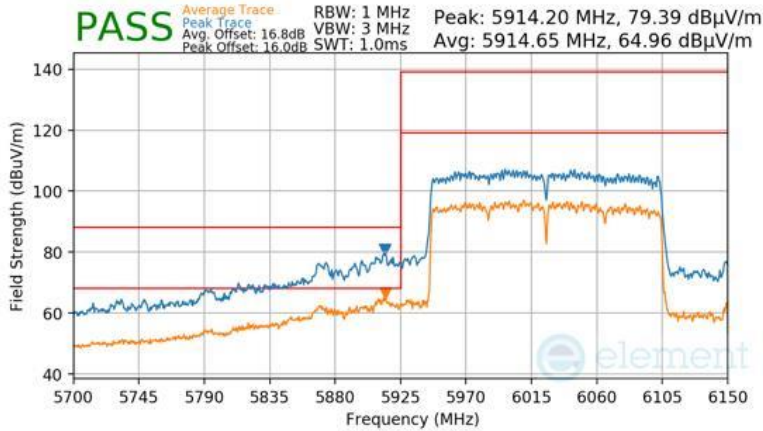
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1493. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

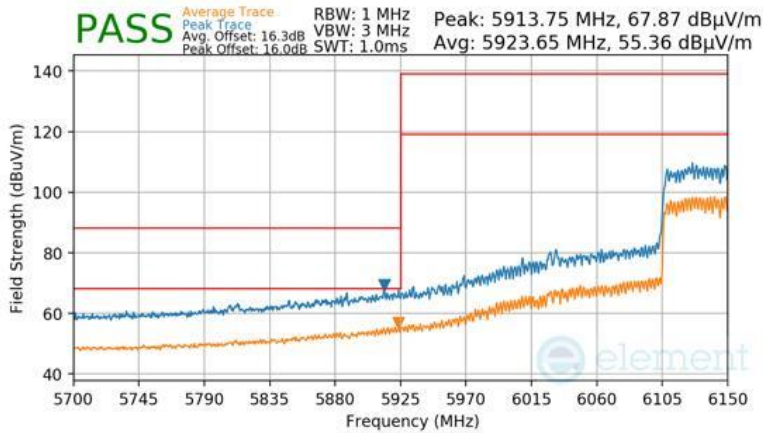
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 527 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1494. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

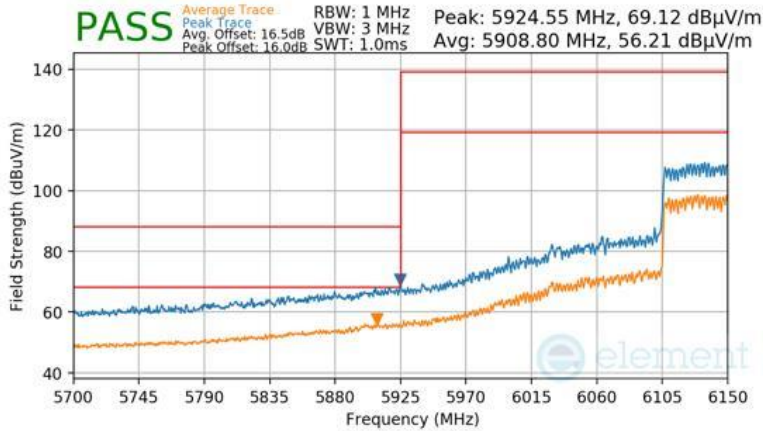
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1495. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

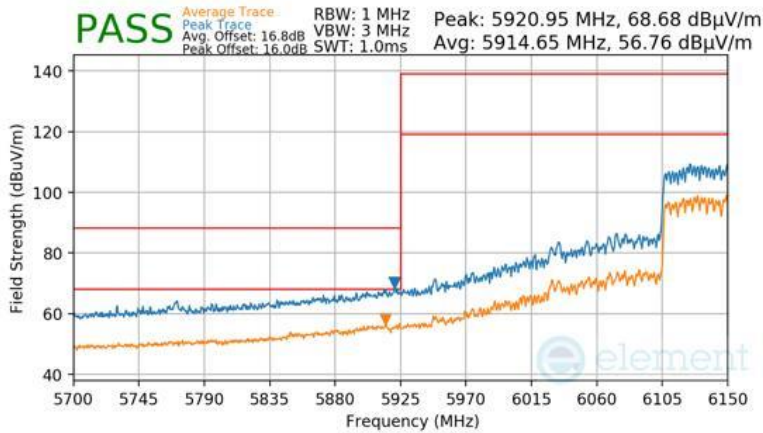
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 528 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1496. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

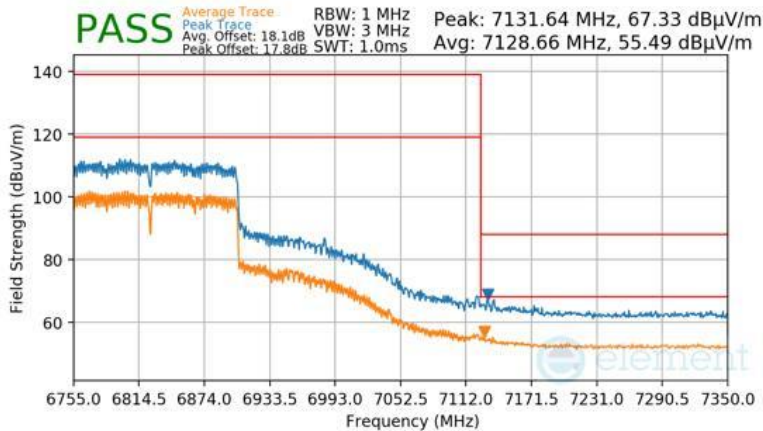
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1497. SDM PRIMARY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

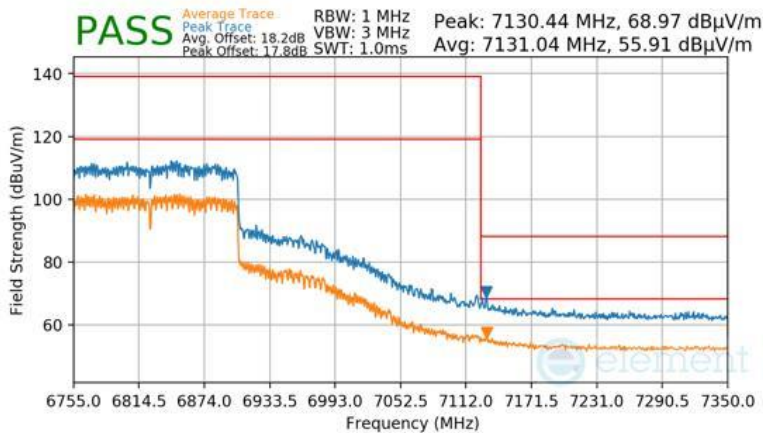
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 529 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1498. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

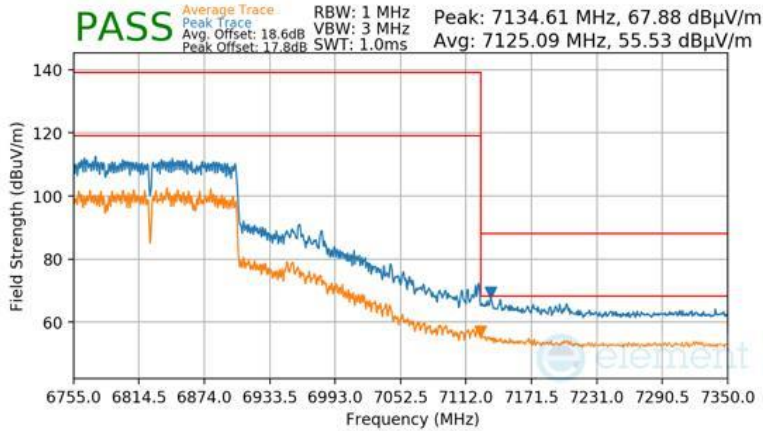
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1499. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

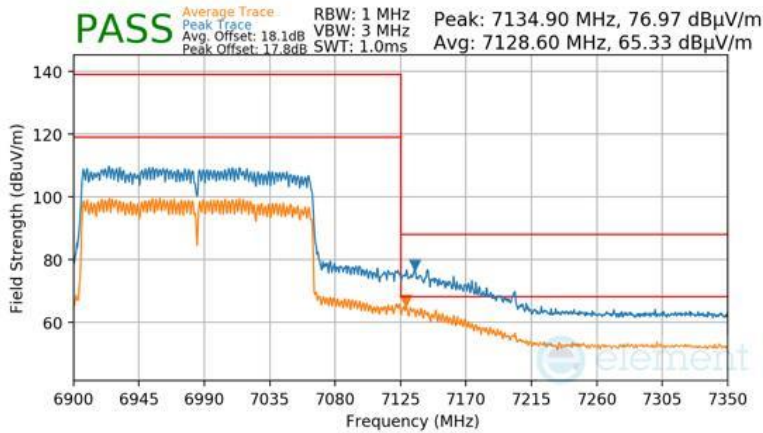
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 530 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1500. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

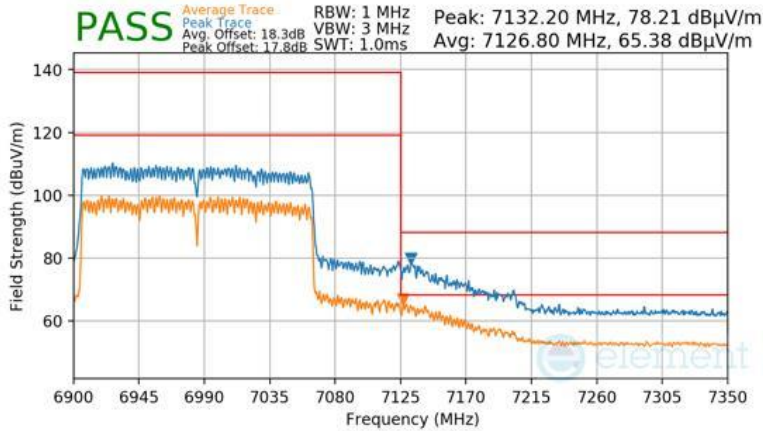
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-1501. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

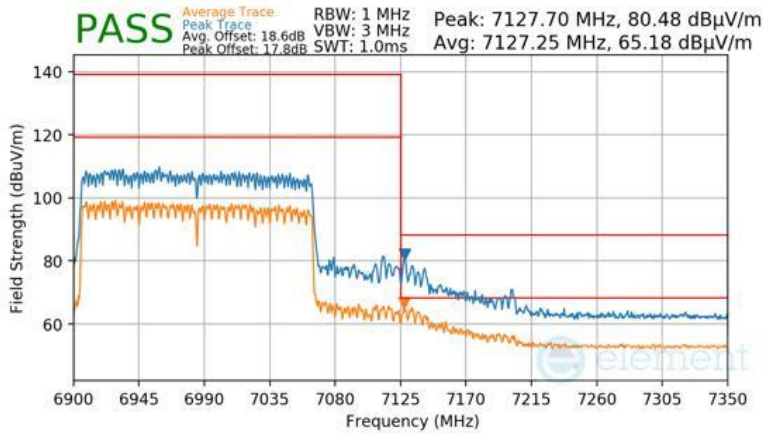
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 531 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-1502. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207

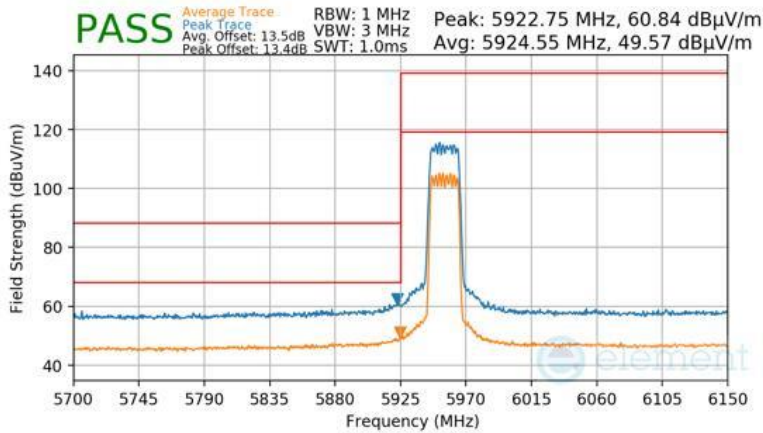


Plot 7-1503. SDM PRIMARY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 532 of 567

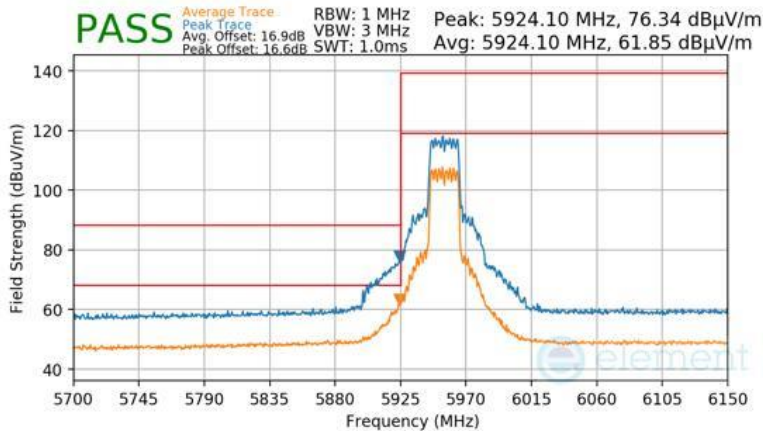
7.7.22 SDM Diversity Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5955MHz
Channel	1



Plot 7-1504. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

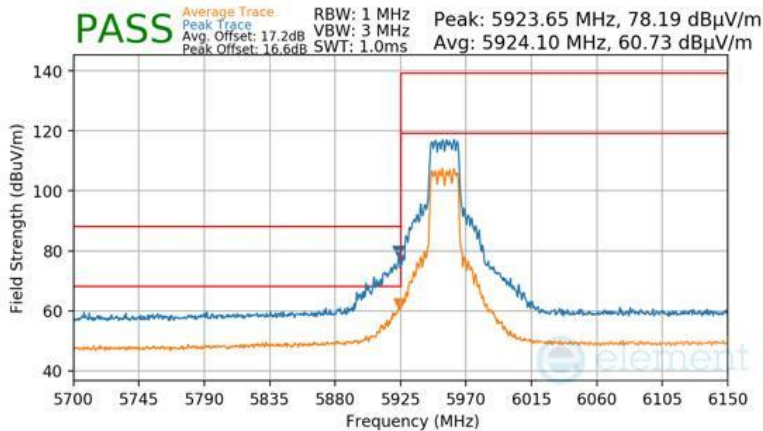
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5955MHz
Channel	1



Plot 7-1505. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

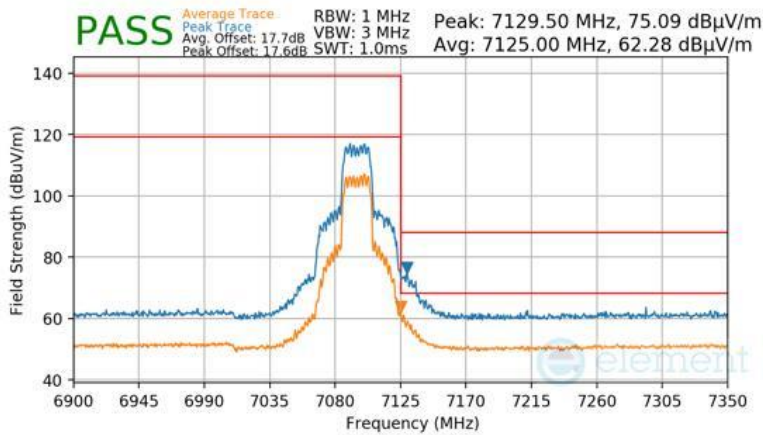
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 533 of 567

Mode 802.11ax-SU
Data Rate MCS11
Distance of Measurement 3 Meters
Operating Frequency 5955MHz
Channel 1



Plot 7-1506. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

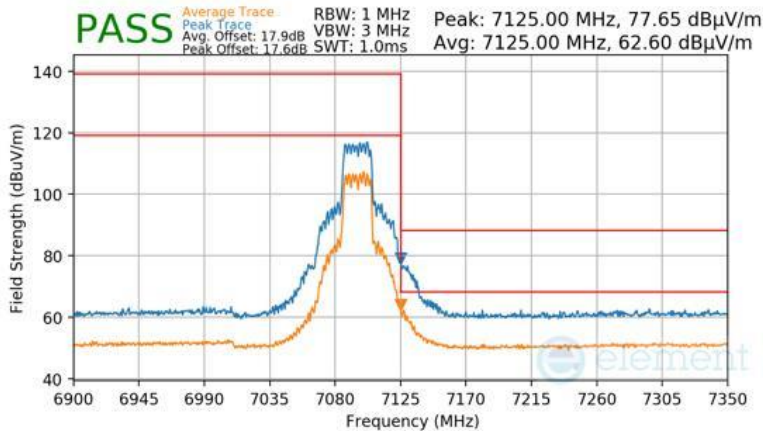
Mode 802.11ax-SU
Data Rate MCS2
Distance of Measurement 3 Meters
Operating Frequency 7095MHz
Channel 229



Plot 7-1507. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

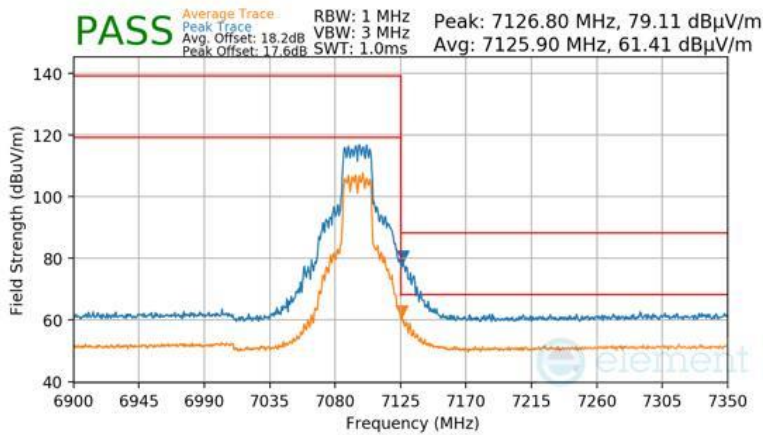
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 534 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229



Plot 7-1508. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

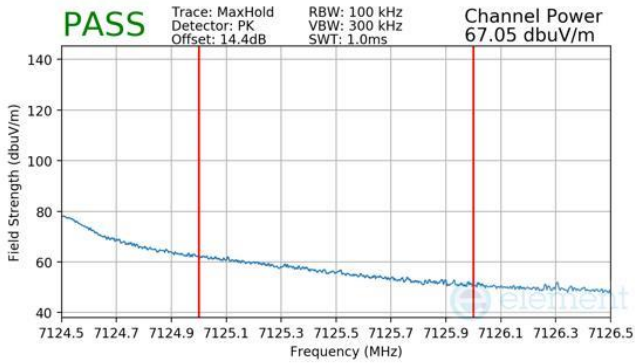
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7095MHz
Channel	229



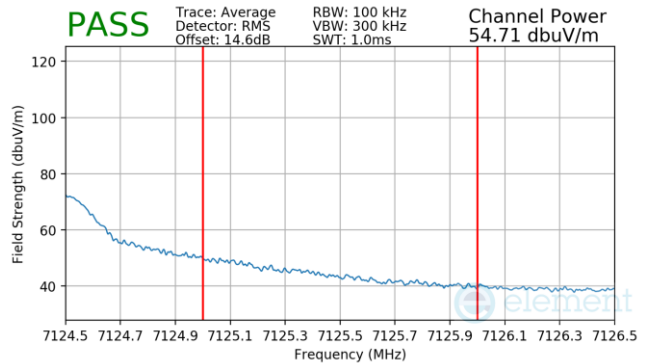
Plot 7-1509. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 535 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233

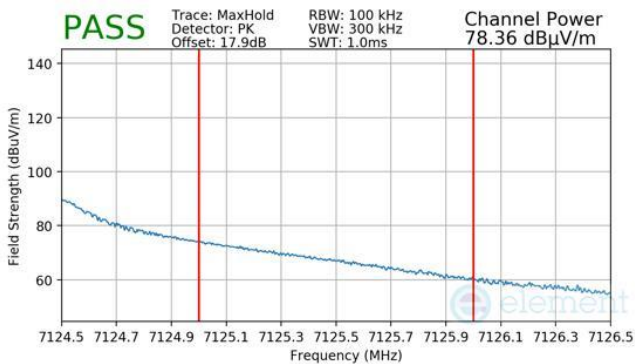


Plot 7-1510. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)

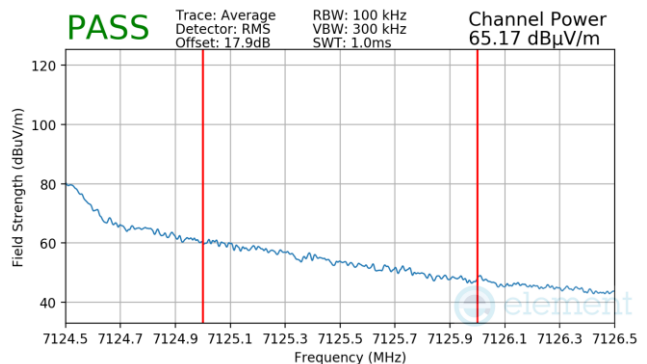


Plot 7-1511. SDM DIVERSITY RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



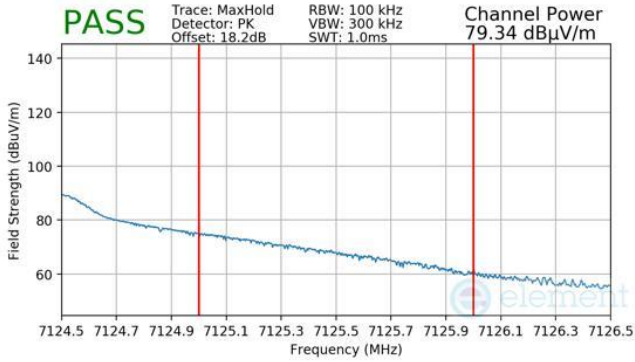
Plot 7-1512. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)



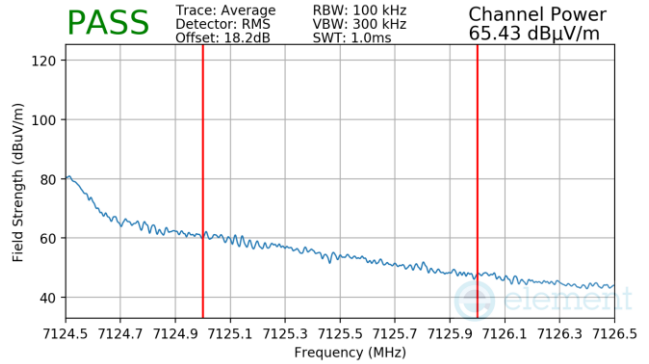
Plot 7-1513. SDM DIVERSITY RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 536 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7115MHz
Channel	233



Plot 7-1514. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK – UNII BAND 8)

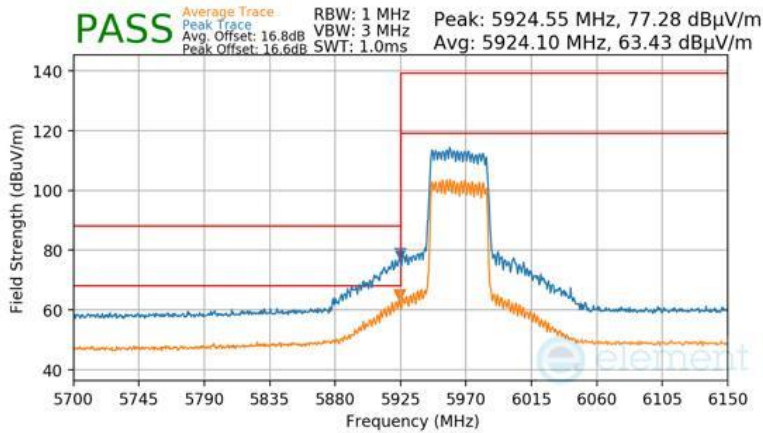


Plot 7-1515. SDM DIVERSITY RADIATED UPPER BAND EDGE (AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 537 of 567

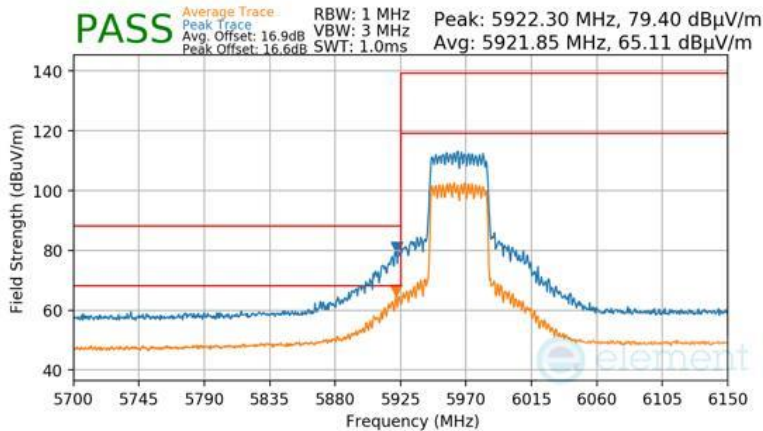
7.7.23 SDM Diversity Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1516. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

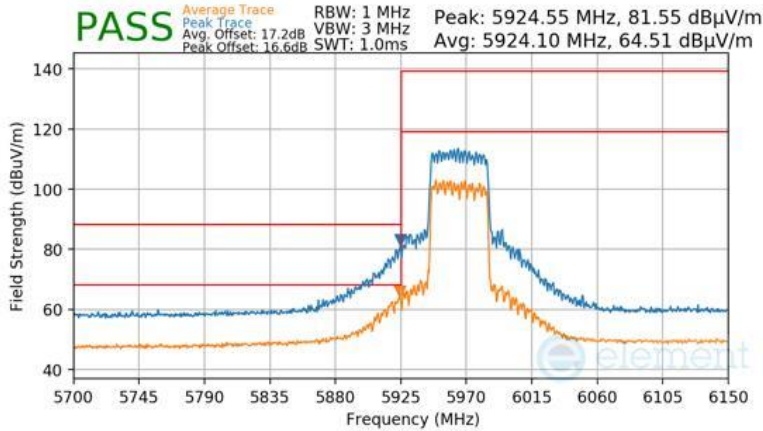
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1517. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

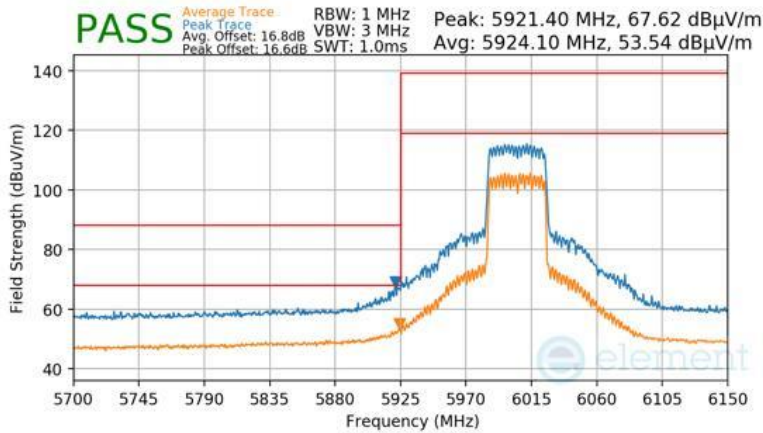
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 538 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5965MHz
Channel	3



Plot 7-1518. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

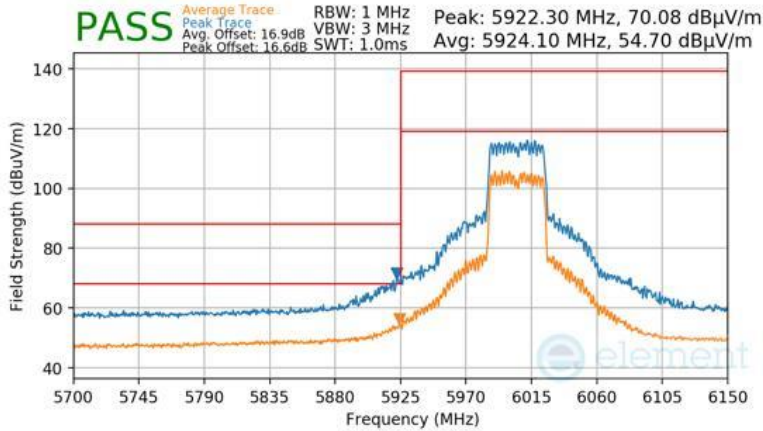
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1519. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

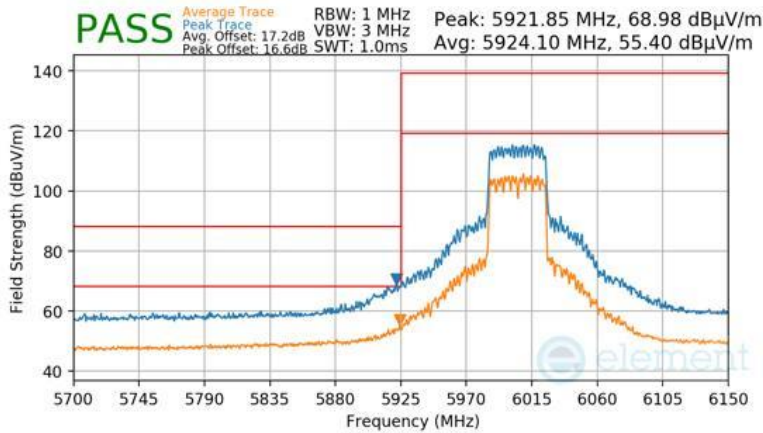
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 539 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1520. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

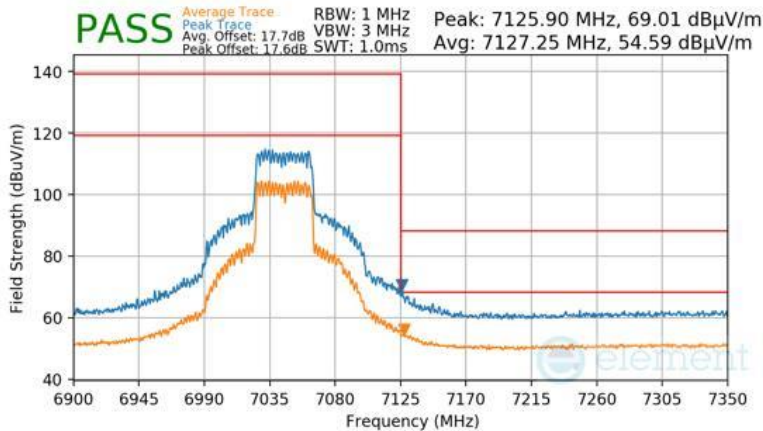
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6005MHz
Channel	11



Plot 7-1521. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

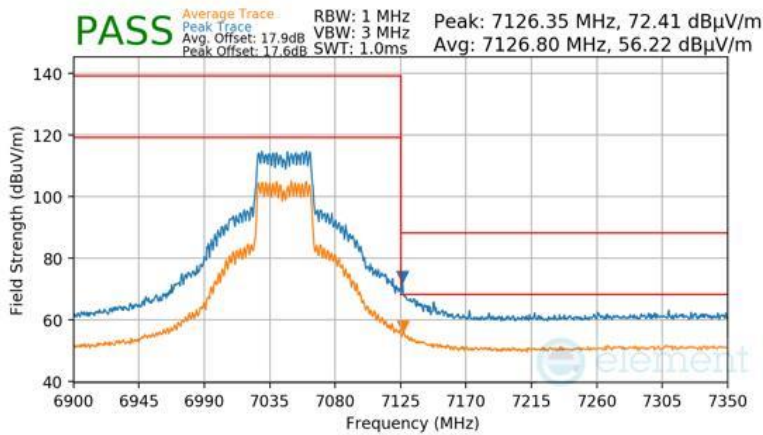
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 540 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1522. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

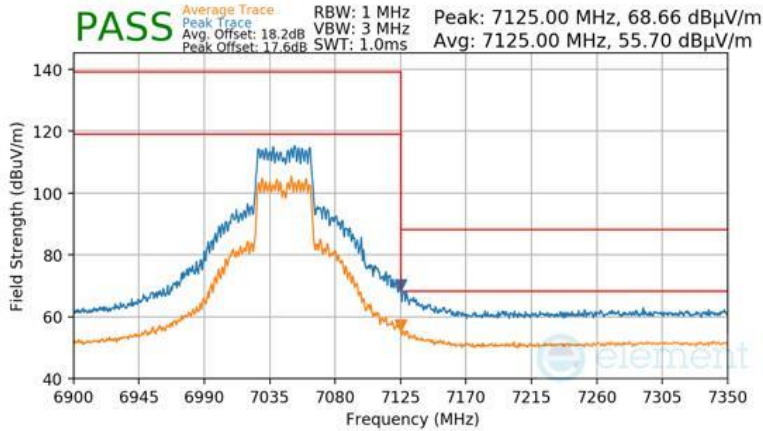
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1523. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

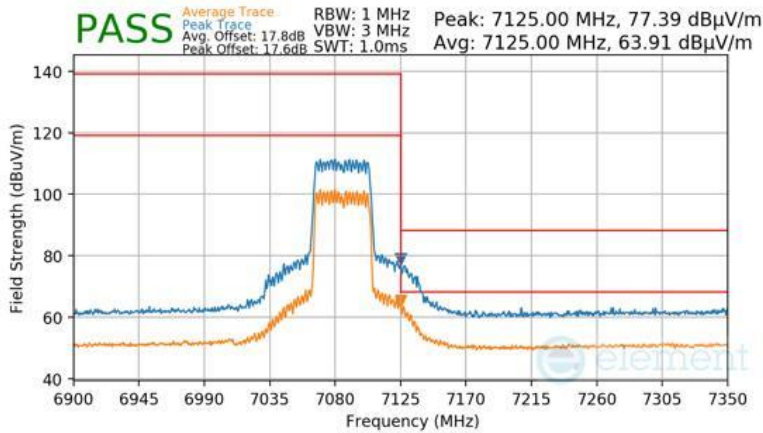
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 541 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7045MHz
Channel	219



Plot 7-1524. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

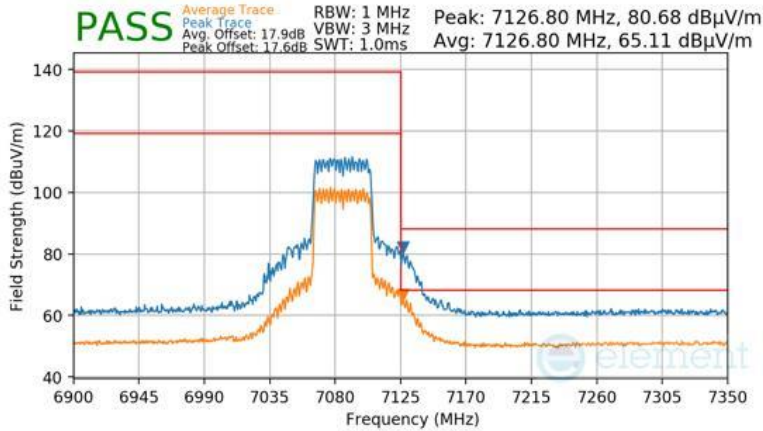
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227



Plot 7-1525. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

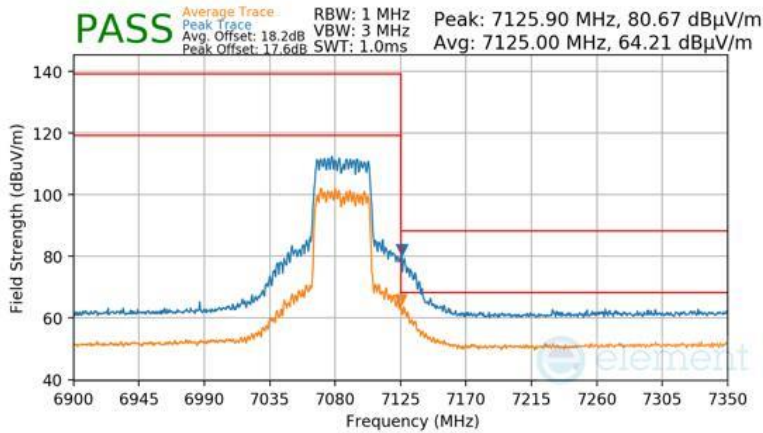
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 542 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227



Plot 7-1526. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7085MHz
Channel	227

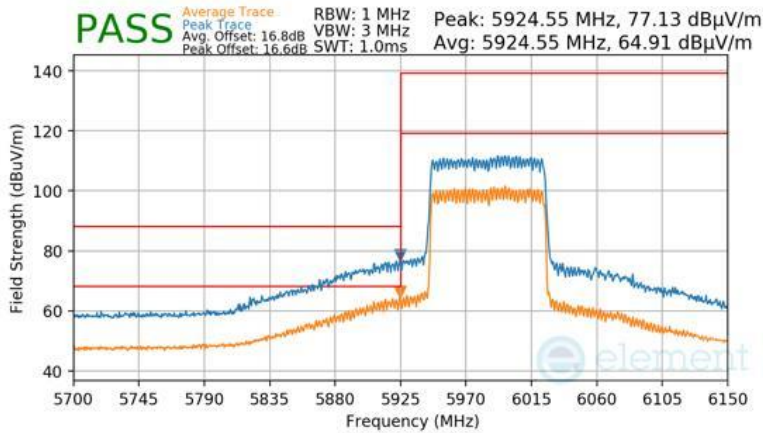


Plot 7-1527. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 543 of 567

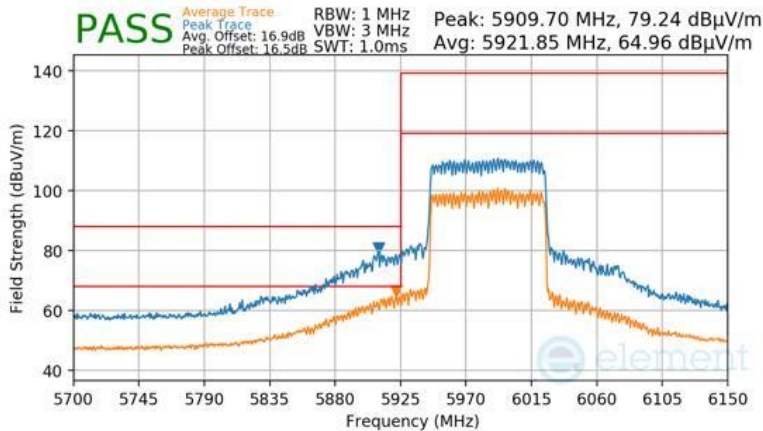
7.7.24 SDM Diversity Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1528. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

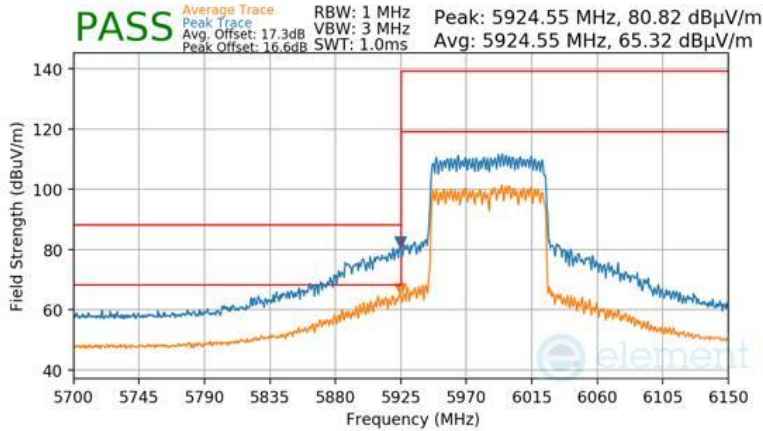
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1529. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

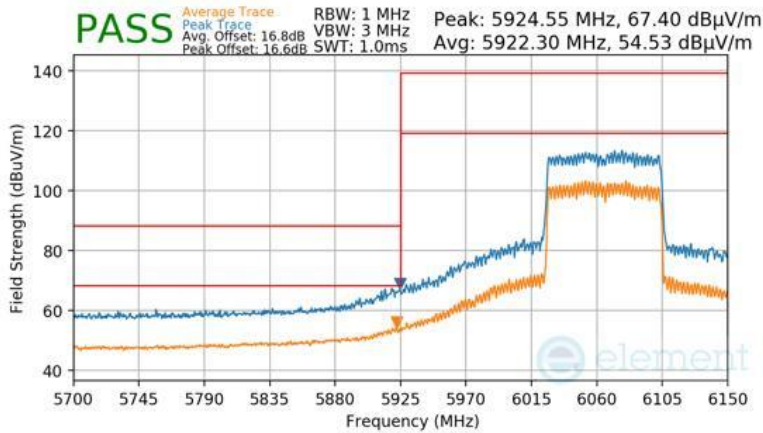
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 544 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	5985MHz
Channel	7



Plot 7-1530. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

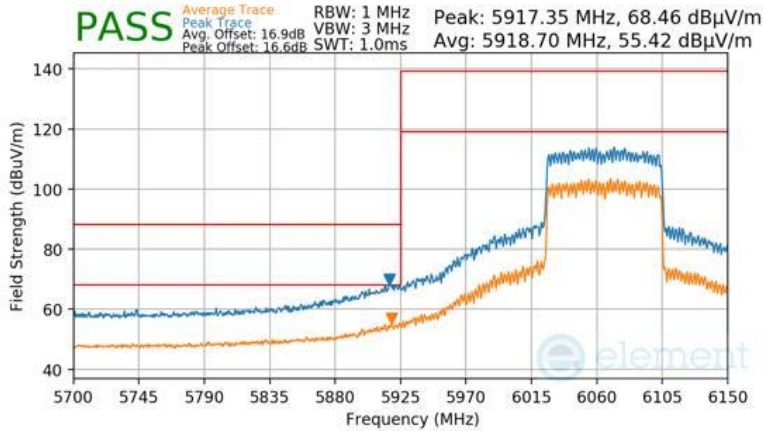
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1531. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

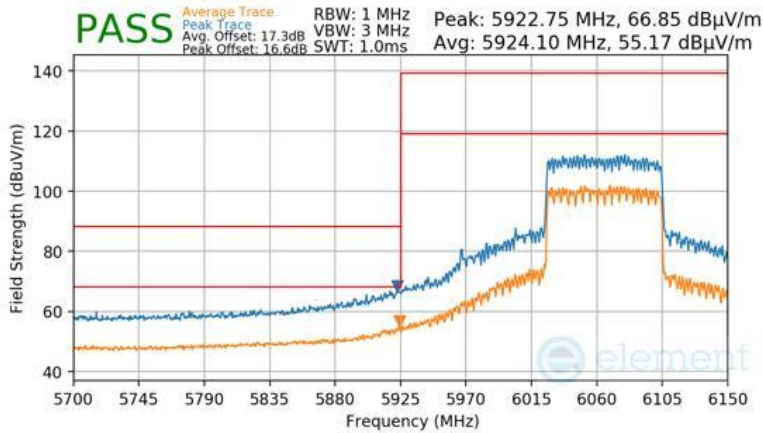
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 545 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1532. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

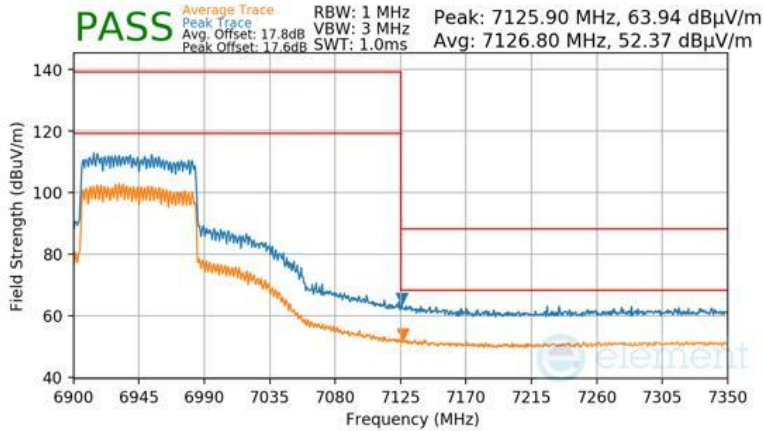
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6065MHz
Channel	23



Plot 7-1533. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

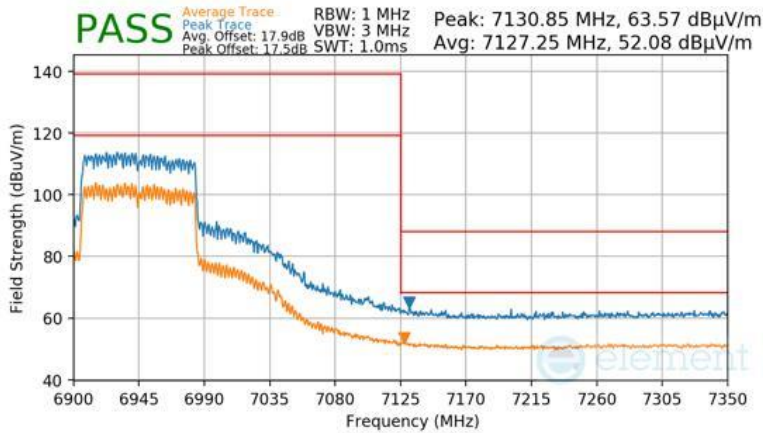
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 546 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1534. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

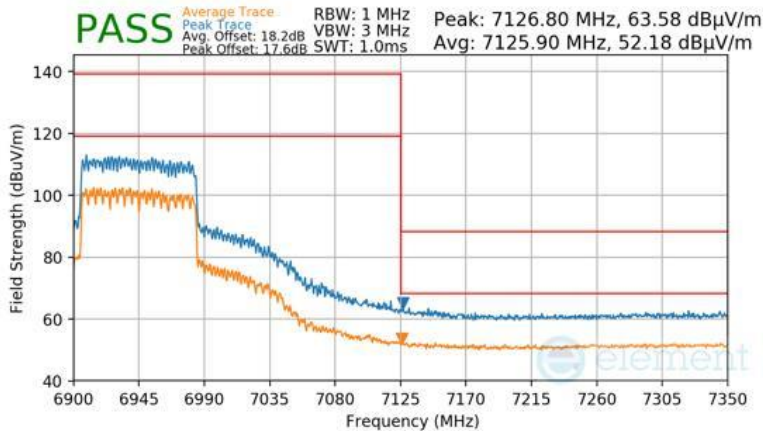
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1535. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

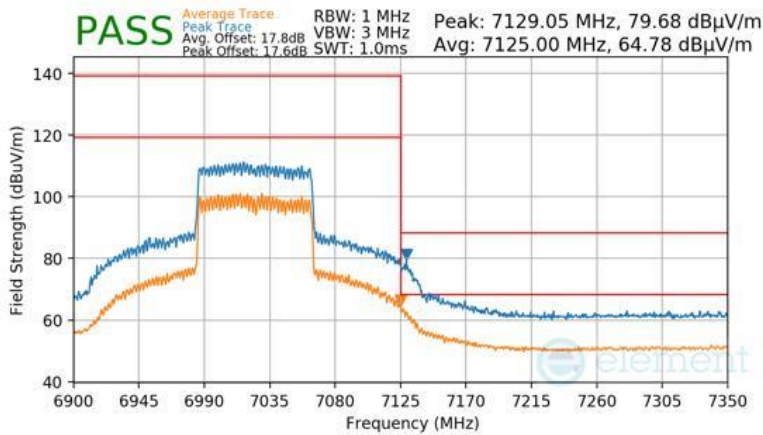
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 547 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6945MHz
Channel	199



Plot 7-1536. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

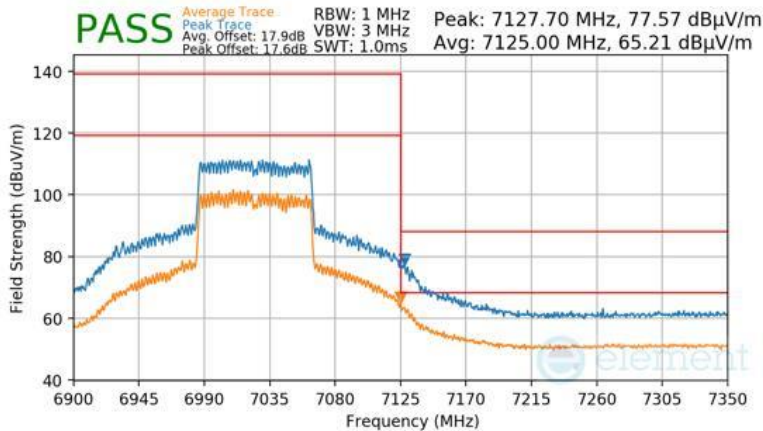
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



Plot 7-1537. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

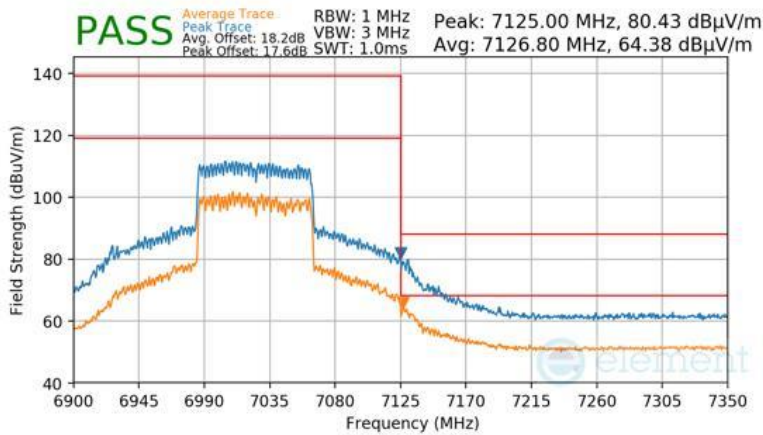
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 548 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215



Plot 7-1538. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	7025MHz
Channel	215

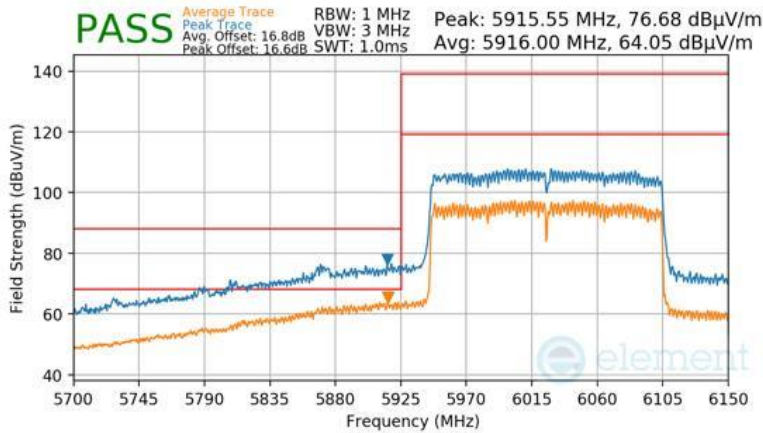


Plot 7-1539. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 549 of 567

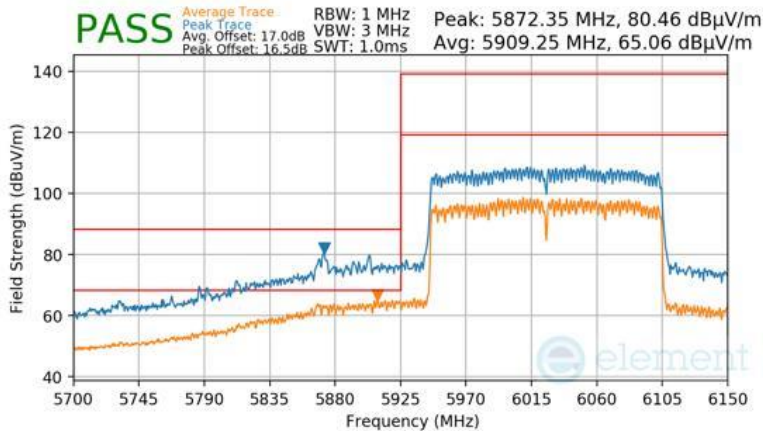
7.7.25 SDM Diversity Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1540. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

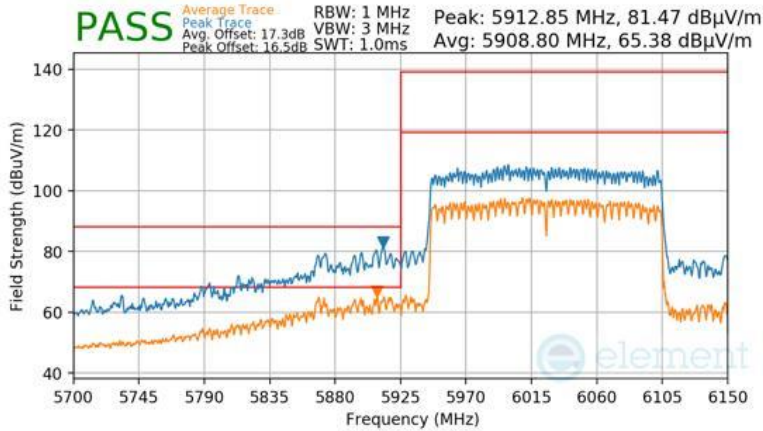
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6025MHz
Channel	15



Plot 7-1541. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

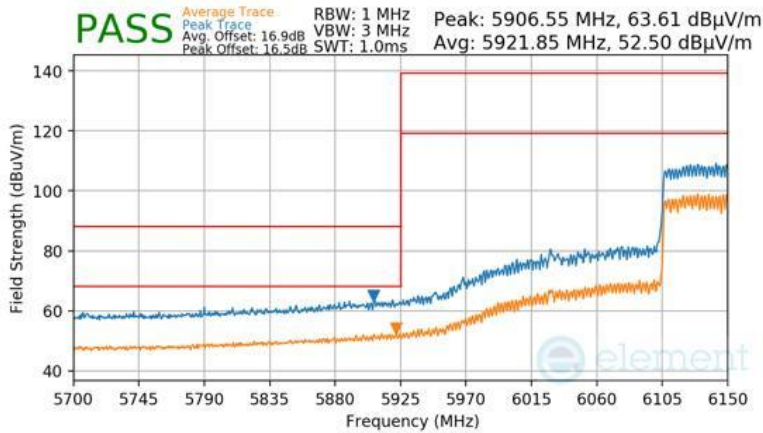
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 550 of 567

Mode 802.11ax-SU
Data Rate MCS11
Distance of Measurement 3 Meters
Operating Frequency 6025MHz
Channel 15



Plot 7-1542. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

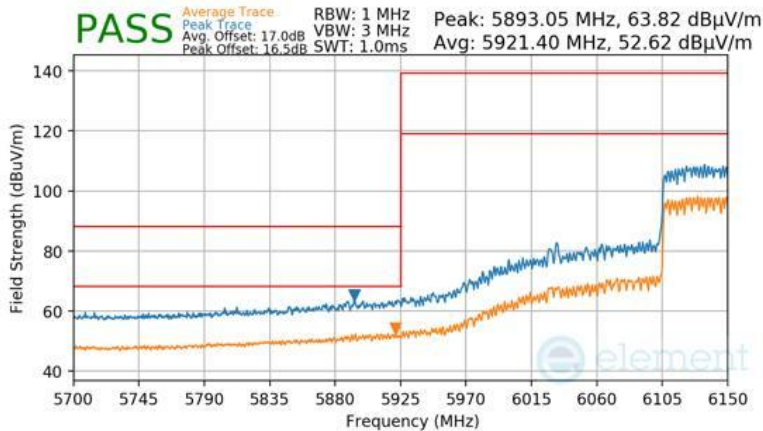
Mode 802.11ax-SU
Data Rate MCS2
Distance of Measurement 3 Meters
Operating Frequency 6185MHz
Channel 47



Plot 7-1543. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

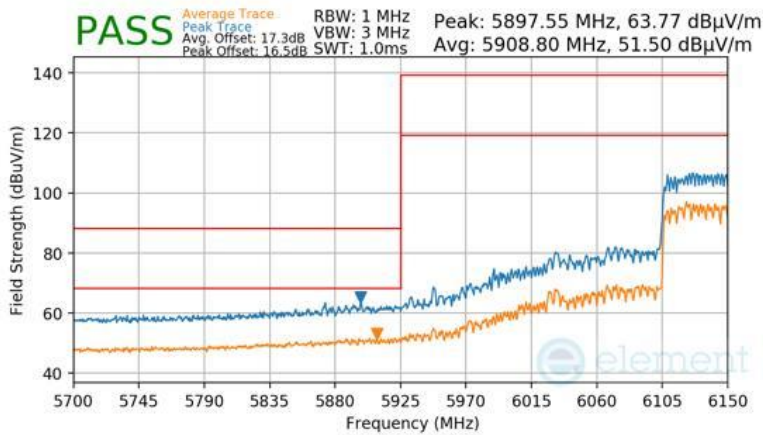
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 551 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1544. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

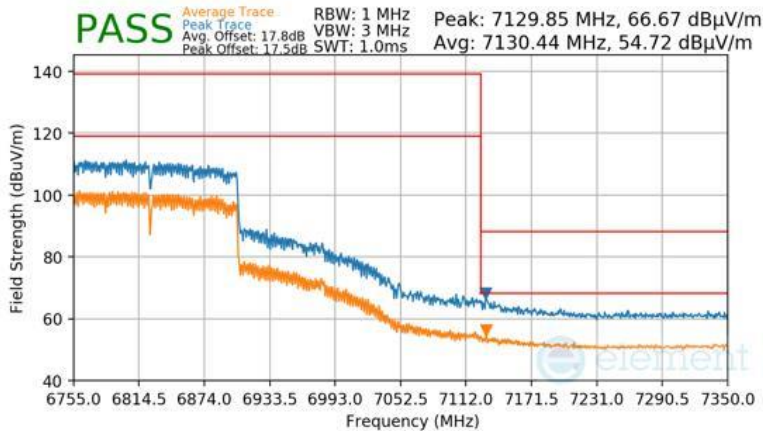
Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6185MHz
Channel	47



Plot 7-1545. SDM DIVERSITY RADIATED LOWER BAND EDGE (PEAK & AVERAGE – UNII BAND 5)

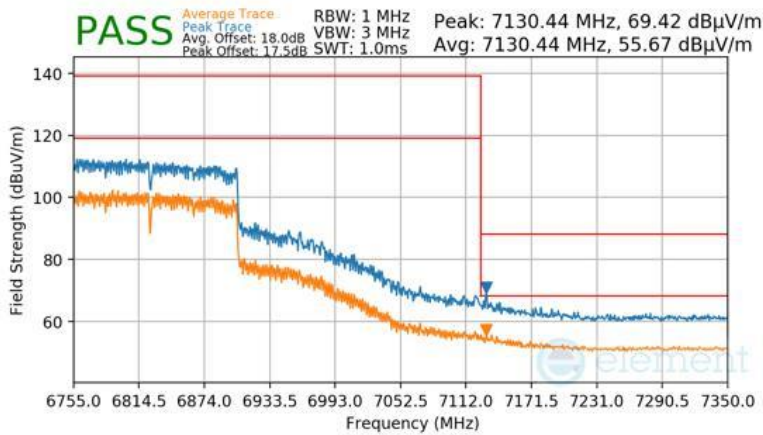
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 552 of 567

Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1546. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

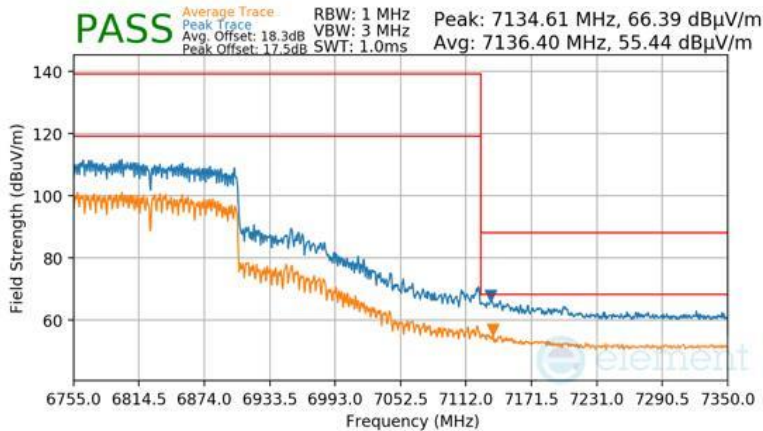
Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1547. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

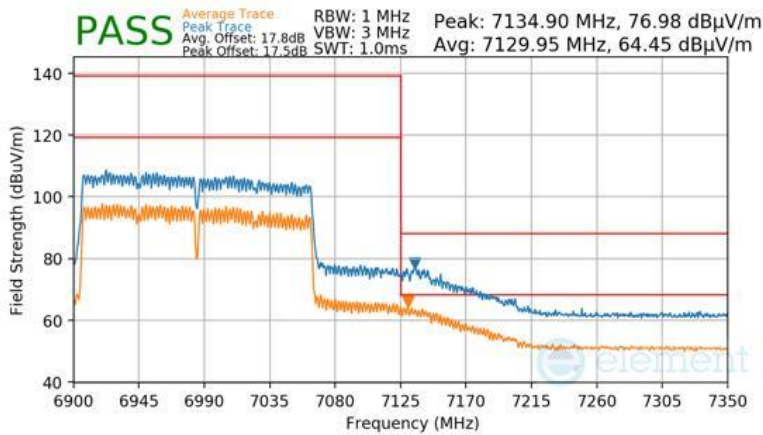
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 553 of 567

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6825MHz
Channel	175



Plot 7-1548. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 7)

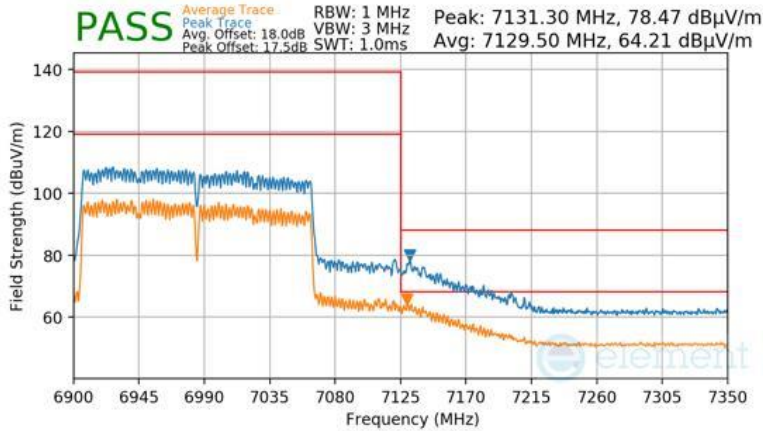
Mode	802.11ax-SU
Data Rate	MCS2
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-1549. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

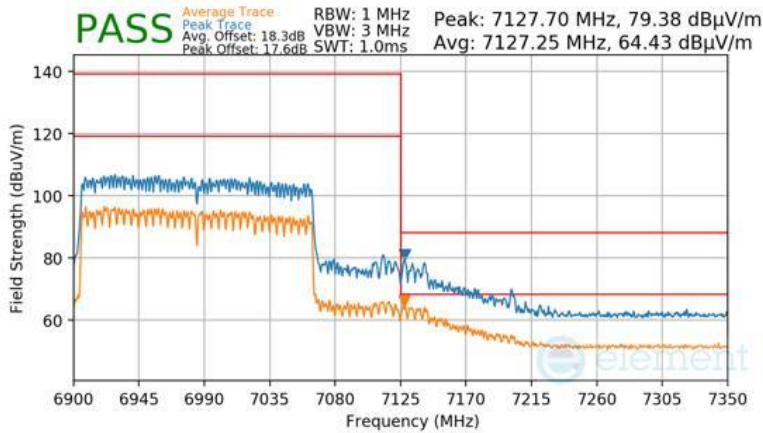
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 554 of 567

Mode	802.11ax-SU
Data Rate	MCS4
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-1550. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

Mode	802.11ax-SU
Data Rate	MCS11
Distance of Measurement	3 Meters
Operating Frequency	6985MHz
Channel	207



Plot 7-1551. SDM DIVERSITY RADIATED UPPER BAND EDGE (PEAK & AVERAGE – UNII BAND 8)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-13-R1.BCG	Test Dates: 1/8/2024 - 04/05/2024	EUT Type: Tablet Device	Page 555 of 567

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 [μ V/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

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Test Setup

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

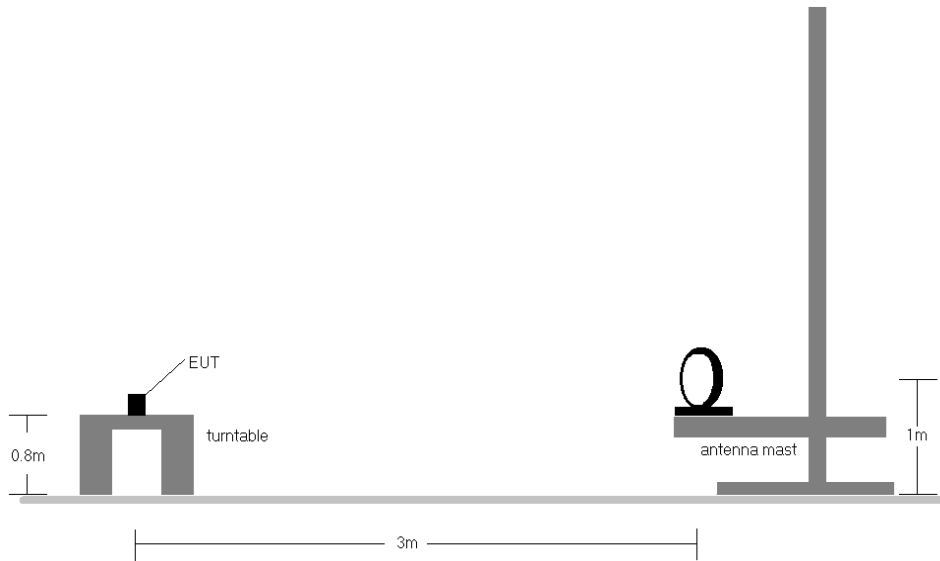


Figure 7-7. Radiated Test Setup < 30MHz

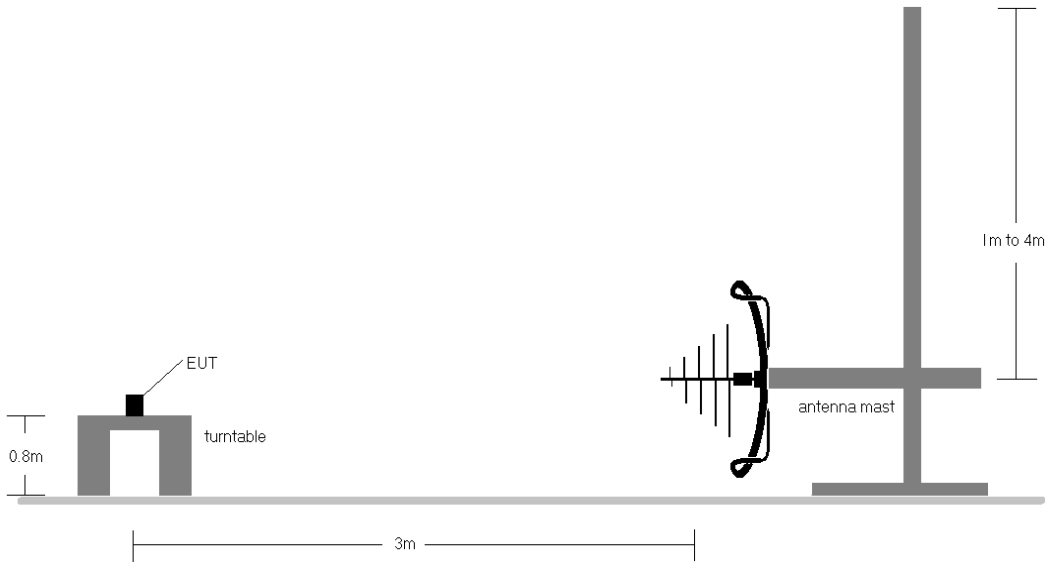


Figure 7-8. Radiated Test Setup < 1GHz

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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.
2. 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.

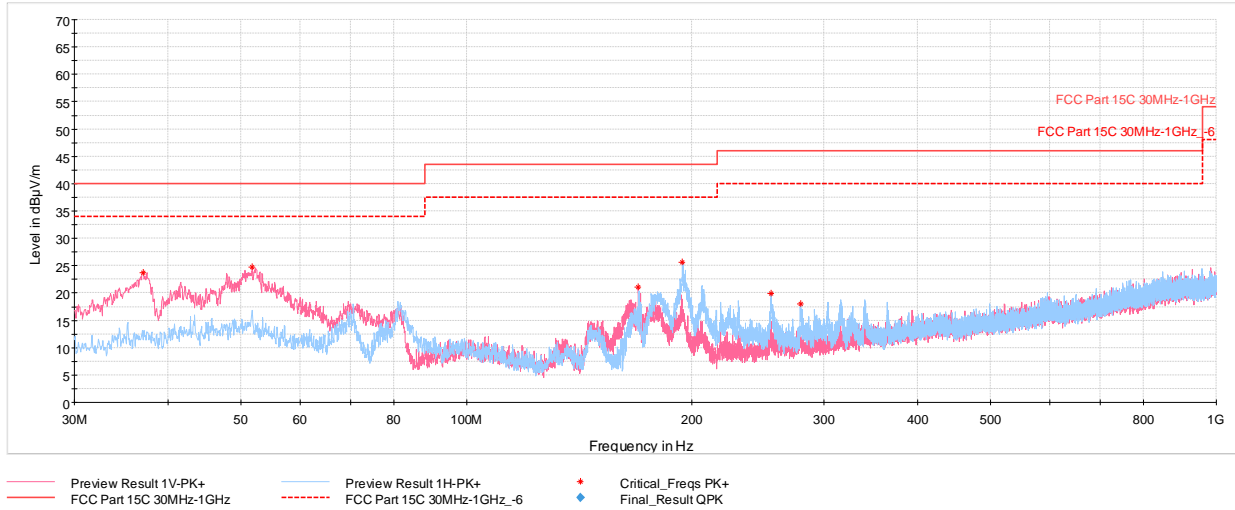
Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{[dB\mu V/m]} = \text{Analyzer Level }_{[dBm]} + 107 + \text{AFCL }_{[dB/m]}$
- $\text{AFCL }_{[dB/m]} = \text{Antenna Factor }_{[dB/m]} + \text{Cable Loss }_{[dB]} - \text{Preamp Gain }_{[dB]}$
- $\text{Margin }_{[dB]} = \text{Field Strength Level }_{[dB\mu V/m]} - \text{Limit }_{[dB\mu V/m]}$

FCC ID: BCGA2836 IC: 579C-A2836	 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 7-1552. Radiated Spurious Emissions below 1GHz SDM Primary, 802.11ax, Ch.1 with AC/DC Charger

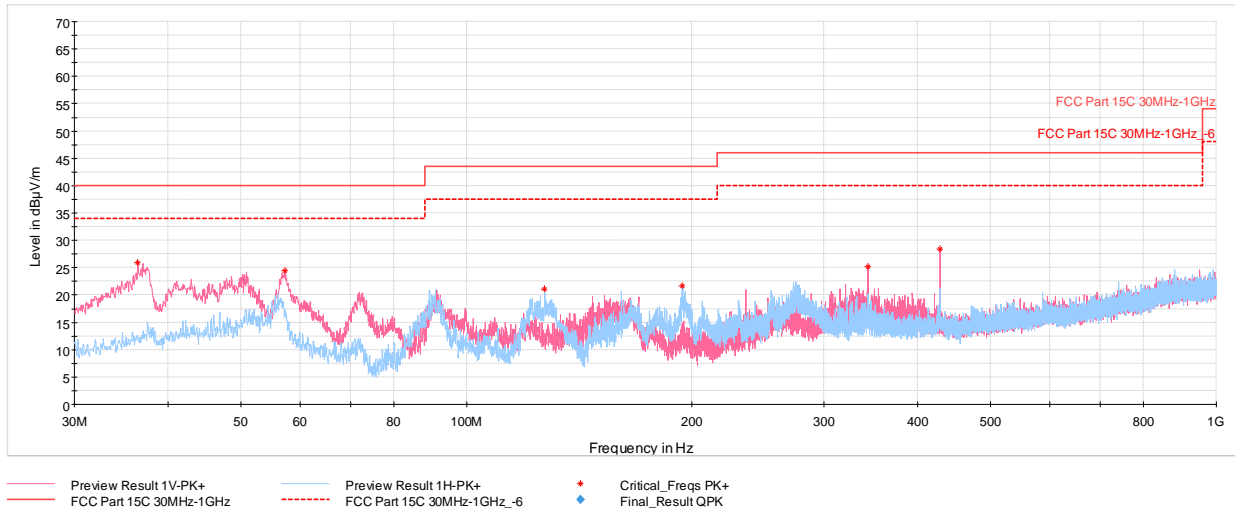
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
36.84	Max-Peak	V	100	14	-66.42	-15.28	25.30	40.00	-14.70
51.05	Max-Peak	V	100	275	-67.28	-13.13	26.59	40.00	-13.41
146.84	Max-Peak	H	100	221	-67.03	-20.41	19.56	43.52	-23.96
195.63	Max-Peak	H	100	202	-63.16	-16.60	27.24	43.52	-16.28
232.29	Max-Peak	H	100	43	-69.70	-16.09	21.21	46.02	-24.81
317.99	Max-Peak	H	100	12	-69.63	-13.89	23.48	46.02	-22.54

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

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7.8.2 SDM Diversity Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-1553. Radiated Spurious Emissions below 1GHz SDM Diversity, 802.11ax, Ch.1 with AC/DC Charger

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]
36.45	Max-Peak	V	100	36	-65.75	-15.37	25.88	40.00	-14.12
57.21	Max-Peak	V	100	176	-67.93	-14.65	24.42	40.00	-15.58
127.19	Max-Peak	H	300	0	-66.48	-19.44	21.08	43.52	-22.44
193.83	Max-Peak	H	100	179	-68.41	-16.98	21.61	43.52	-21.91
343.12	Max-Peak	V	200	1	-69.09	-12.73	25.18	46.02	-20.84
427.85	Max-Peak	V	100	169	-67.45	-11.08	28.47	46.02	-17.55

Table 7-227. Radiated Spurious Emissions Measurement below 1GHz SDM Diversity, 802.11ax, Ch.1 with AC/DC Charger

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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 (dB μ V)	
	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

*Decreases with the logarithm of the frequency.

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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Test Setup

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

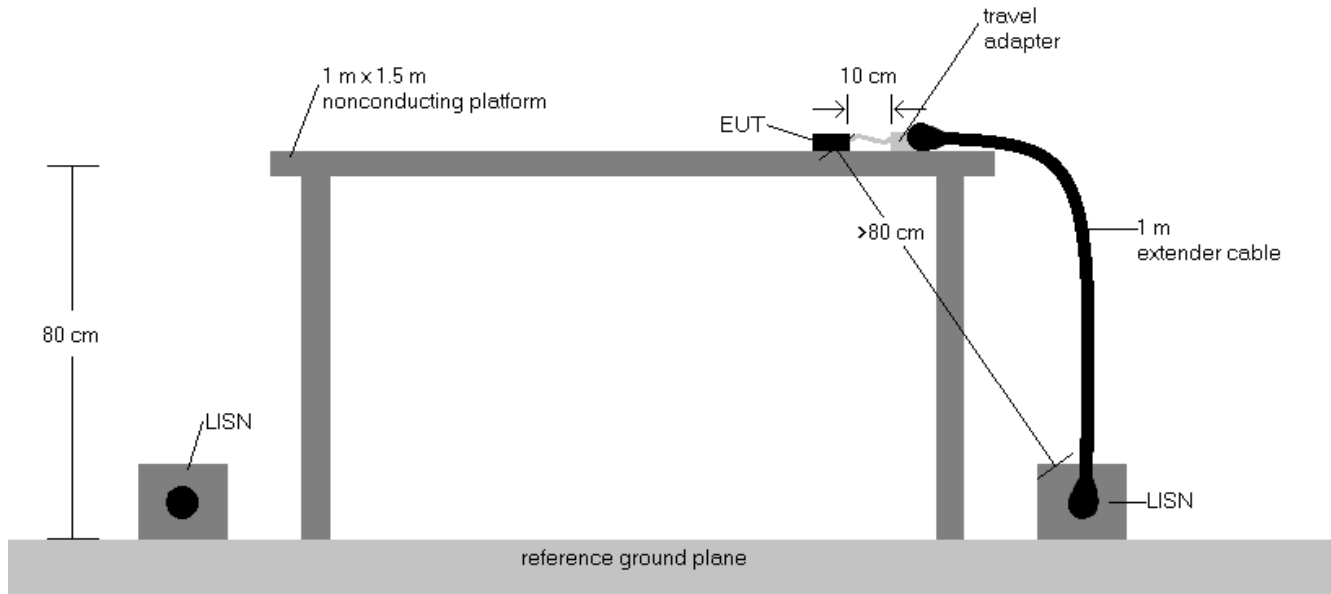


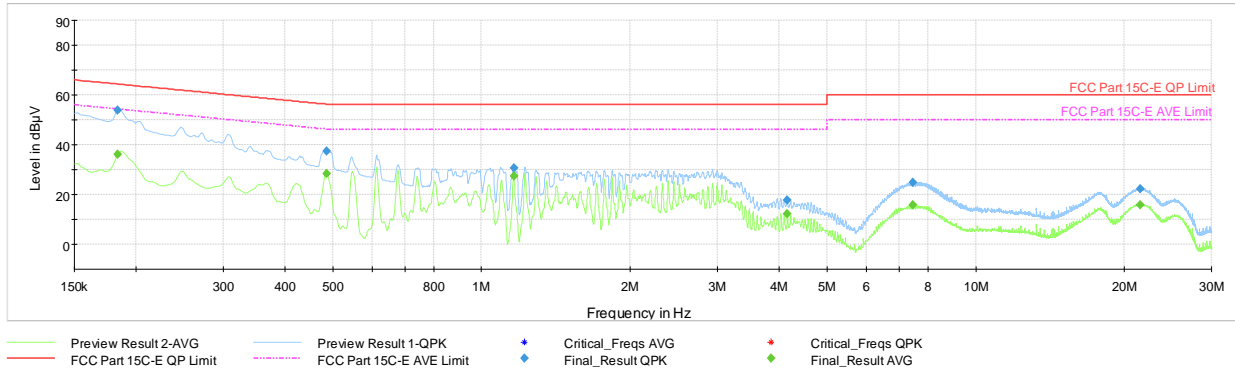
Figure 7-9. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. 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
3. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207 and RSS-Gen (8.8).
4. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
6. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plots are made using quasi-peak and average detectors.
8. Deviations to the Specifications: None.
9. The unit was tested with all possible modes and only the highest emission is reported.

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Plot 7-1554. AC Line Conducted Plot with 802.11ax SDM Primary – Ch.1 (L1), with AC/DC Charger

Frequency [MHz]	Process State	QuasiPea k [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.184000	FINAL	—	36.26	54.31	-18.06	L1	GND
0.184000	FINAL	53.73	—	64.31	-10.59	L1	GND
0.485000	FINAL	—	28.50	46.25	-17.75	L1	GND
0.485000	FINAL	37.41	—	56.25	-18.84	L1	GND
1.163000	FINAL	—	27.45	46.00	-18.55	L1	GND
1.163000	FINAL	30.69	—	56.00	-25.31	L1	GND
4.157000	FINAL	17.83	—	56.00	-38.17	L1	GND
4.157000	FINAL	—	12.17	46.00	-33.83	L1	GND
7.447000	FINAL	24.84	—	60.00	-35.16	L1	GND
7.447000	FINAL	—	15.66	50.00	-34.34	L1	GND
21.503000	FINAL	—	15.90	50.00	-34.10	L1	GND
21.503000	FINAL	22.21	—	60.00	-37.79	L1	GND

Table 7-229. AC Line Conducted Data with 802.11ax SDM Primary – Ch. 1 (L1) with AC/DC Charger

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