

Worst Case Mode: 802.11a

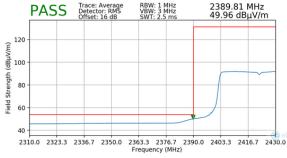
Worst Case Transfer Rate:

RU Index:

Distance of Measurements: Operating Frequency:

Channel:

802.11ax OFDMA
MCS0
65
3 Meters
2422MHz



3

Plot 7-318. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 484 Tones)

4

802.11ax OFDMA

Worst Case Transfer Rate:

RU Index:

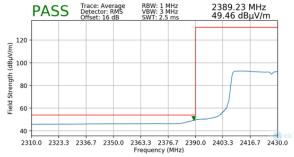
Worst Case Mode:

Distance of Measurements:

Operating Frequency:

Channel:

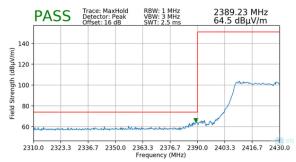
802.11ax OFDMA MCS0 65 3 Meters 2427MHz



Plot 7-320. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 484 Tones)



Plot 7-319. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 484 Tones)



Plot 7-321. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 484 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 191 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 191 01 213



Worst Case Mode:

Worst Case Transfer Rate:

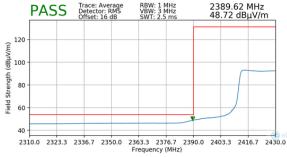
RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA	
MCS0	
65	
3 Meters	
2432MHz	
5	

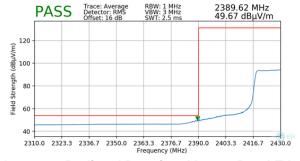


Plot 7-322. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 484 Tones)

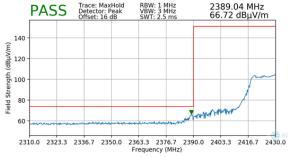


Plot 7-323. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak - 484 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS₀ RU Index: 65 Distance of Measurements: 3 Meters Operating Frequency: 2437MHz Channel: 6



Plot 7-324. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 484 Tones)



Plot 7-325. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak - 484 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 192 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 192 01 213



Worst Case Mode: 802.11ax OF

Worst Case Transfer Rate:

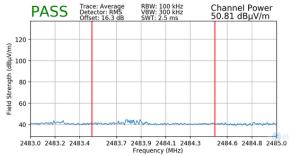
RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA	
MCS0	
65	
3 Meters	
2447MHz	
8	



Plot 7-326. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 484 Tones)

802.11ax OFDMA

2452MHz

9

Worst Case Transfer Rate:

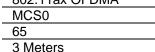
RU Index:

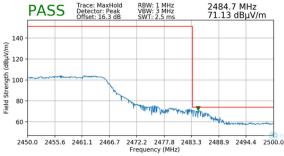
Worst Case Mode:

Distance of Measurements:

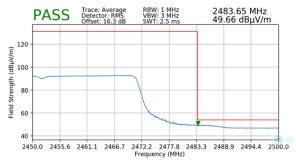
Operating Frequency:

Channel:

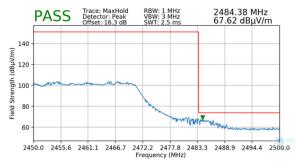




Plot 7-327. Radiated Restricted Upper Band Edge Measurement SISO ANT1 (Peak – 484 Tones)



Plot 7-328. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 484 Tones)



Plot 7-329. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 484 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 193 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 193 01 213



Worst Case Mode: 802.11ax OFDMA

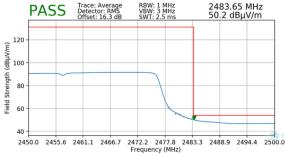
Worst Case Transfer Rate:

RU Index:

Distance of Measurements: Operating Frequency:

Channel:

002::::::::::::::::::::::::::::::::::::
MCS0
65
3 Meters
2457MHz
10



Plot 7-330. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 484 Tones)

802.11ax OFDMA

Worst Case Transfer Rate:

RU Index:

Worst Case Mode:

Distance of Measurements:

Operating Frequency:

Channel:

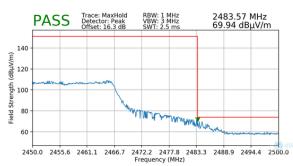


MCS₀ 65

3 Meters

2462MHz

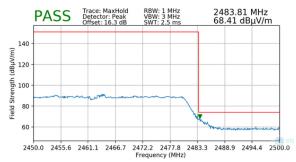
11



Plot 7-331. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 484 Tones)



Plot 7-332. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 484 Tones)



Plot 7-333. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 484 Tones)

FCC ID: C3K1997 IC: 3048A-1997		MEASUREMENT REPORT (CERTIFICATION)	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 104 of 212
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 194 of 213



7.7.8 MIMO Radiated Restricted Band Edge Measurements – 20MHz §15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

Worst Case Mode:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA

MCS0

53

3 Meters

2412MHz

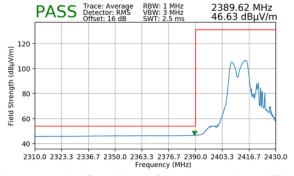


Plot 7-334. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 106 Tones)

PASS Trace: MaxHold Detector: Peak Offset: 16 dB SW: 1 MHz VBW: 3 MHz 65.49 dBµV/m

Plot 7-335. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 106 Tones)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	53
Distance of Measurements:	3 Meters
Operating Frequency:	2417MHz
Channel:	2



Plot 7-336. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 106 Tones)



Plot 7-337. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 106 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 195 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 195 01 213



902 44av OEDMA Worst Case Mode: Worst Case Transfer Rate:

RU Index:

Distance of Measurements: Operating Frequency:

Channel:

602. I Tax OFDIVIA
MCS0
53
3 Meters
2422MHz
3



Plot 7-338. Radiated Restricted Lower Band Edge Measurement MIMO (Average - 106 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 RU Index: 53 Distance of Measurements:

Operating Frequency:

PASS Trace: Av. Detector: Offset: 16

Channel:

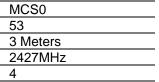
120 (dBµV/m)

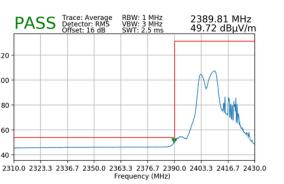
100

80

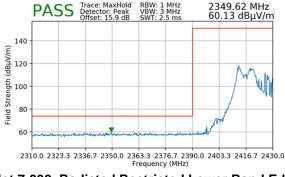
60 40

Field Strength

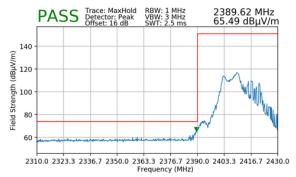




Plot 7-340. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 106 Tones)



Plot 7-339. Radiated Restricted Lower Band Edge Measurement MIMO (Peak - 106 Tones)



Plot 7-341. Radiated Restricted Lower Band Edge Measurement MIMO (Peak - 106 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 196 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 196 01 213



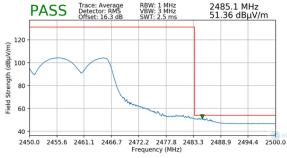
Worst Case Mode: 802. Worst Case Transfer Rate: MCS

RU Index:

Distance of Measurements: Operating Frequency:

Channel:

802.11ax OFDMA
MCS0
54
3 Meters
2447MHz
8

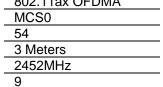


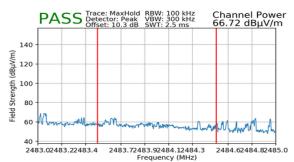
Plot 7-342. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 106 Tones)

Worst Case Mode: 802.11ax OFDMA
Worst Case Transfer Rate: MCS0
RU Index: 54

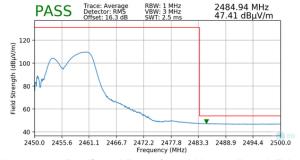
Distance of Measurements: Operating Frequency:

Channel:

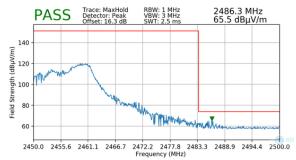




Plot 7-343. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 106 Tones)



Plot 7-344. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 106 Tones)



Plot 7-345. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 106 Tones)

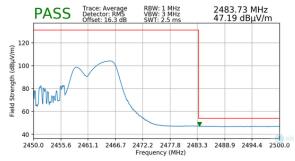
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 197 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 197 01 213



Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: RU Index:

Distance of Measurements: Operating Frequency: Channel:

MCS0	
54	
3 Meters	
2457MHz	
10	



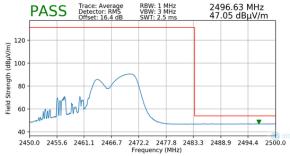
Plot 7-346. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 106 Tones)

2486.06 MHz 59.77 dBμV/m 120 100 Field Stre 80 2450.0 2455.6 2461.1 2466.7 2472.2 2477.8 2483.3 2488.9 2494.4 2500.0

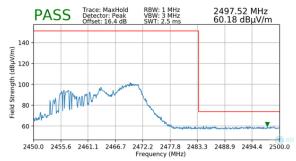
PASS

Plot 7-347. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 106 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 **RU Index:** 54 3 Meters Distance of Measurements: 2462MHz Operating Frequency: Channel: 11



Plot 7-348. Radiated Restricted Upper Band Edge Measurement MIMO (Average - 106 Tones)



Plot 7-349. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 106 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 100 of 212
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 198 of 213



Worst Case Mode: 802.
Worst Case Transfer Rate: MCS

RU Index:

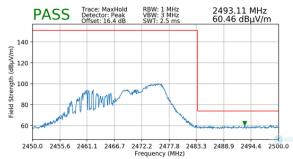
Distance of Measurements: Operating Frequency: Channel:

802.11ax OFDMA	
MCS0	

54 3 Meters 2467MHz 12



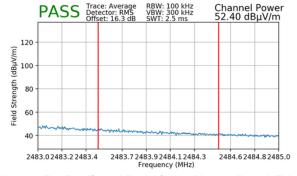
Plot 7-350. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 106 Tones)



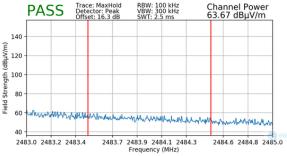
Plot 7-351. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 106 Tones)

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

802.11ax OFDMA
MCS0
54
3 Meters
2472MHz
13



Plot 7-352. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 106 Tones)



Plot 7-353. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 106 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 100 of 212
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 199 of 213



Worst Case Mode: 802.11

Worst Case Transfer Rate:

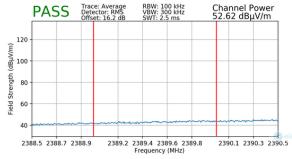
RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA	
MCS0	
61	
3 Meters	
2412MHz	



Plot 7-354. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)

Worst Case Mode: 802.11ax OFDMA

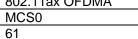
Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

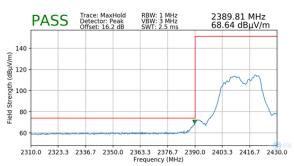
Channel:



3 Meters

2417MHz





Plot 7-355. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)



Plot 7-356. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-357. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)

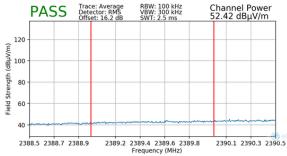
FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 200 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 200 01 213



Worst Case Mode: 802.11ax OFDMA
Worst Case Transfer Rate: MCS0

RU Index:

Distance of Measurements: Operating Frequency: Channel: MCS0 61 3 Meters 2422MHz



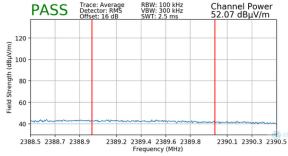
Plot 7-358. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)



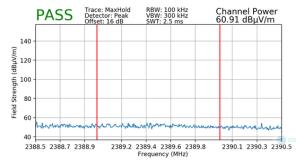
Plot 7-359. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)

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

802.11ax OFDMA
MCS0
61
3 Meters
2427MHz



Plot 7-360. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)



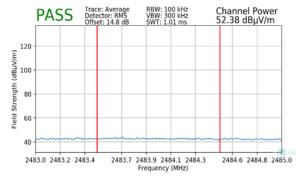
Plot 7-361. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 201 of 212
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 201 of 213



Worst Case Mode: 802.11ax OFDMA
Worst Case Transfer Rate: MCS0
RU Index: 61

Distance of Measurements: 3 Meters
Operating Frequency: 2447MHz
Channel: 8



Plot 7-362. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-363. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

Worst Case Mode:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA

MCS0

61

3 Meters

2452MHz

9



Plot 7-364. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-365. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 202 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 202 01 213

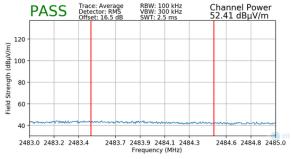


Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: RU Index:

Distance of Measurements: Operating Frequency: Channel:

Channel:

OOZ.TTAX OT DIVIN	
MCS0	
61	
3 Meters	
2457MHz	

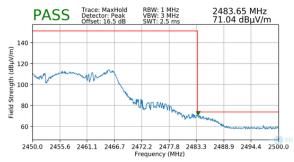


10

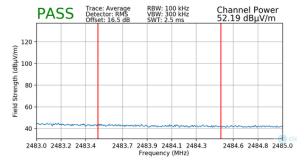
Plot 7-366. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 RU Index: 61 Distance of Measurements: 3 Meters Operating Frequency: 2462MHz

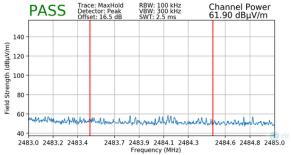
11



Plot 7-367. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 242 Tones)



Plot 7-368. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



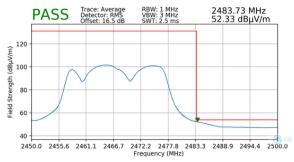
Plot 7-369. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 202 of 242
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 203 of 213

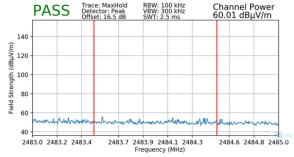


Worst Case Mode: 802.11ax OFDMA
Worst Case Transfer Rate: MCS0
RU Index: 61

Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-370. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-371. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

Worst Case Mode:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA

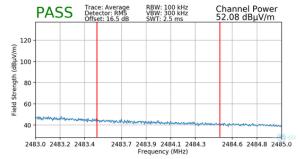
MCS0

61

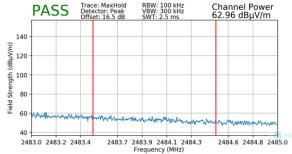
3 Meters

2472MHz

13



Plot 7-372. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-373. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 204 of 242
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 204 of 213

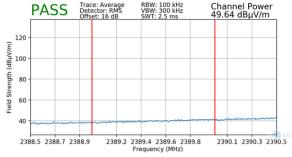


7.7.9 MIMO Radiated Restricted Band Edge Measurements – 40MHz §15.205 §15.209; RSS-Gen [8.9]

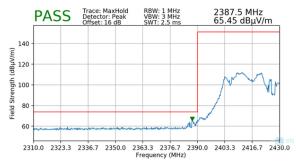
The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

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

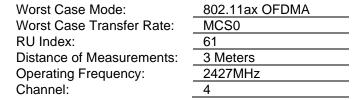
802.11ax OFDMA
MCS0
61
3 Meters
2422MHz
3



Plot 7-374. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-375. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)





Plot 7-376. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-377. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Page 205 of 213		
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 205 01 213		



Worst Case Mode:

Worst Case Transfer Rate:

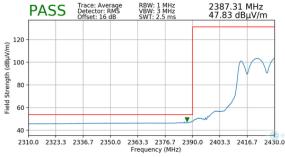
RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA	
MCS0	
61	
3 Meters	
2432MHz	



Plot 7-378. Radiated Restricted Lower Band Edge Measurement MIMO (Average - 242 Tones)

802.11ax OFDMA

Worst Case Transfer Rate:

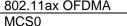
RU Index:

Worst Case Mode:

Distance of Measurements:

Operating Frequency:

Channel:



61

3 Meters 2437MHz

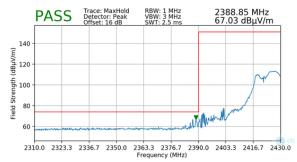
6



Plot 7-379. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)



Plot 7-380. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-381. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 206 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 206 01 213



Worst Case Mode:
Worst Case Transfer Rate:

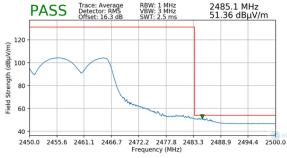
WUISI Case Halisiel N

RU Index:

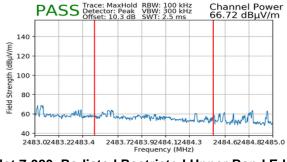
Distance of Measurements: Operating Frequency:

Channel:

802.11ax OFDMA	
MCS0	
62	
3 Meters	
2447MHz	
Q.	

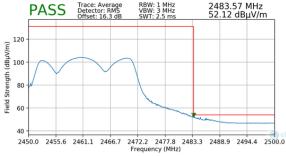


Plot 7-382. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)

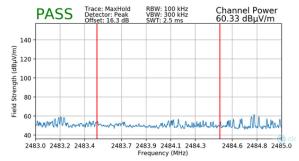


Plot 7-383. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	62
Distance of Measurements:	3 Meters
Operating Frequency:	2452MHz
Channel:	9



Plot 7-384. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-385. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Page 207 of 213		
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 207 01 213		

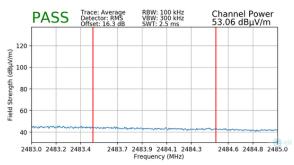


Worst Case Mode: 802.11ax OFDMA MCS0 Worst Case Transfer Rate:

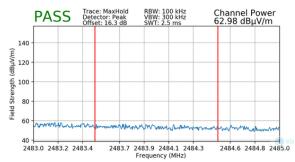
RU Index:

62 Distance of Measurements: 3 Meters Operating Frequency: 2457MHz 10

Channel:

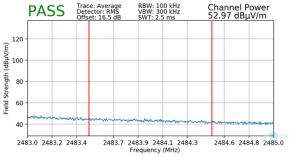


Plot 7-386. Radiated Restricted Upper Band Edge Measurement MIMO (Average - 242 Tones)

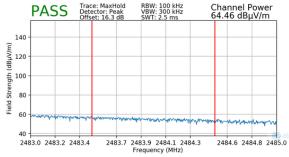


Plot 7-387. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 242 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 **RU Index:** 62 Distance of Measurements: 3 Meters 2462MHz Operating Frequency: Channel: 11



Plot 7-388. Radiated Restricted Upper Band Edge Measurement MIMO (Average - 242 Tones)



Plot 7-389. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 242 Tones)

FCC ID: C3K1997 IC: 3048A-1997		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Page 208 of 213		
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 208 01 213		



Worst Case Mode: 802.11ax OFDMA

Worst Case Transfer Rate:

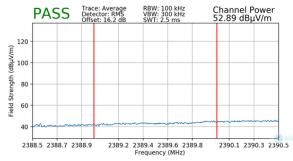
RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA MCS0 65 3 Meters 2422MHz



Plot 7-390. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 484 Tones)

Worst Case Mode: 802.11ax OFDMA
Worst Case Transfer Rate: MCS0

4

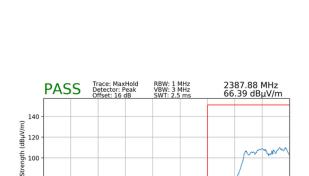
RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

MCS0
65
3 Meters
2427MHz



Plot 7-391. Radiated Restricted Lower Band Edge

Measurement MIMO (Peak - 484 Tones)

PASS

2310.0 2323.3 2336.7 2350.0

140

120

d Strengtl

2387.5 MHz

2363.3 2376.7 2390.0 2403.3 2416.7 2430.0 Frequency (MHz)

Plot 7-392. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 484 Tones)

Plot 7-393. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 484 Tones)

2310.0 2323.3 2336.7 2350.0 2363.3 2376.7 2390.0 2403.3 2416.7 2430.0 Frequency (MHz)

	PAS	SS	Trac Dete Offs	e: Avera ctor: RN et: 16 di	ige //S B	RBW: 1 VBW: 3 SWT: 2.	00 kHz			nel Pov dBµV	
120	_										
Field Strength (dBµV/m)											
rength (
Field St	-										
40				~~~					****	····	
23	88.5 238	88.7 23	88.9	238		89.4 23 requency	, 89.6 238 (MHz)	39.8	2390.	1 2390.	3 2390.5

 FCC ID: C3K1997
 MEASUREMENT REPORT (CERTIFICATION)
 Approved by: Technical Manager

 Test Report S/N:
 Test Dates:
 EUT Type:

 1M2204040049-14-R1.C3K
 3/14/2022-7/31/2022
 Portable Computing Device



Worst Case Mode:

Worst Case Transfer Rate:

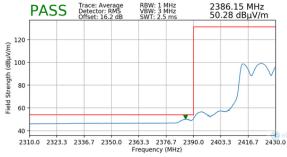
RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA	
MCS0	
65	
3 Meters	
2432MHz	
5	



Plot 7-394. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 484 Tones)

6

802.11ax OFDMA

Worst Case Transfer Rate:

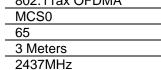
Worst Case Mode:

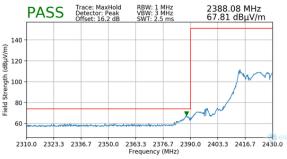
RU Index:

Distance of Measurements:

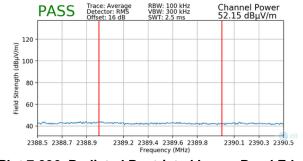
Operating Frequency:

Channel:

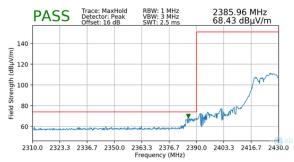




Plot 7-395. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 484 Tones)



Plot 7-396. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 484 Tones)



Plot 7-397. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 484 Tones)

FCC ID: C3K1997 IC: 3048A-1997		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dags 240 of 242		
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 210 of 213		



Worst Case Mode: 802.11ax OFDMA MCS₀

Worst Case Transfer Rate:

RU Index:

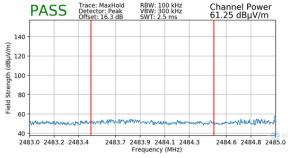
Distance of Measurements: Operating Frequency:

Channel:

65 3 Meters 2447MHz 8

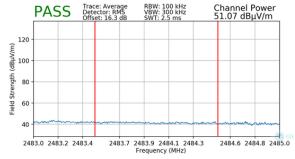
	Р			Trace: Average Detector: RMS Offset: 16.3 dB		ฟรี				Channel Power 52.59 dBµV/m			
th (dBµV/m)	20			Offs	et: 16.3	ав	SW1: 2.	5 ms			o d d d	1 7/111	
	60		~~~									,	
	_	248	3.2 24	83.4	248		183.9 24 requency		34.3	248	4.6 24	34.8 248	el 5.0

Plot 7-398. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 484 Tones)

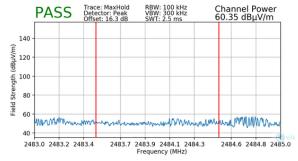


Plot 7-399. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 484 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 RU Index: 65 Distance of Measurements: 3 Meters Operating Frequency: 2452MHz Channel: 9



Plot 7-400. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 484 Tones)



Plot 7-401. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 484 Tones)

FCC ID: C3K1997 IC: 3048A-1997		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Page 211 of 213		
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 211 01 213		



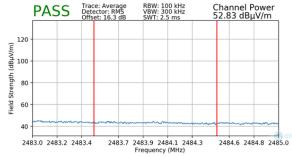
902 11ay OEDMA Worst Case Mode: Worst Case Transfer Rate:

RU Index:

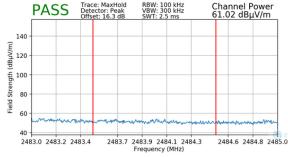
Distance of Measurements: Operating Frequency:

Channel:

802.11ax OFDMA	
MCS0	
65	
3 Meters	
2457MHz	
10	

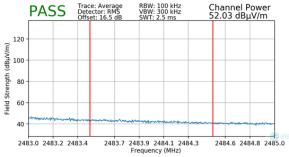


Plot 7-402. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 484 Tones)

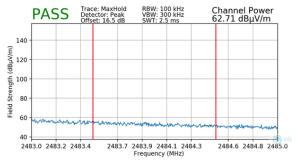


Plot 7-403. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 484 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 RU Index: 65 Distance of Measurements: 3 Meters Operating Frequency: 2462MHz Channel: 11



Plot 7-404. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 484 Tones)



Plot 7-405. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 484 Tones)

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 212 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 212 01 213



8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Microsoft Corporation Portable Computing Device FCC ID: C3K1997** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules and RSS-247 Issue 2 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: C3K1997 IC: 3048A-1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 213 of 213
1M2204040049-14-R1.C3K	3/14/2022-7/31/2022	Portable Computing Device	Page 213 01 213