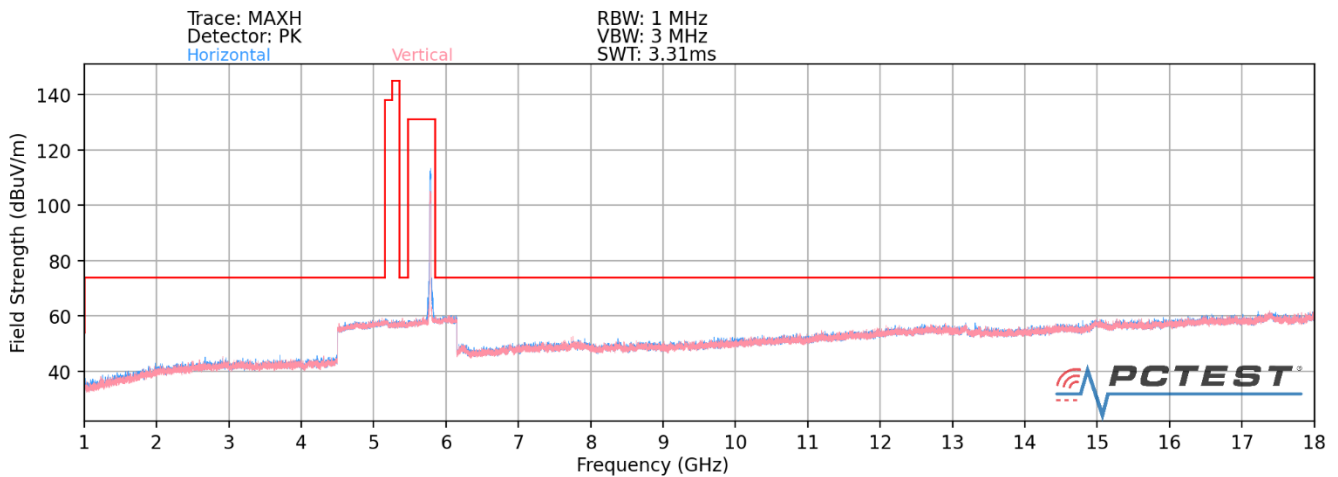
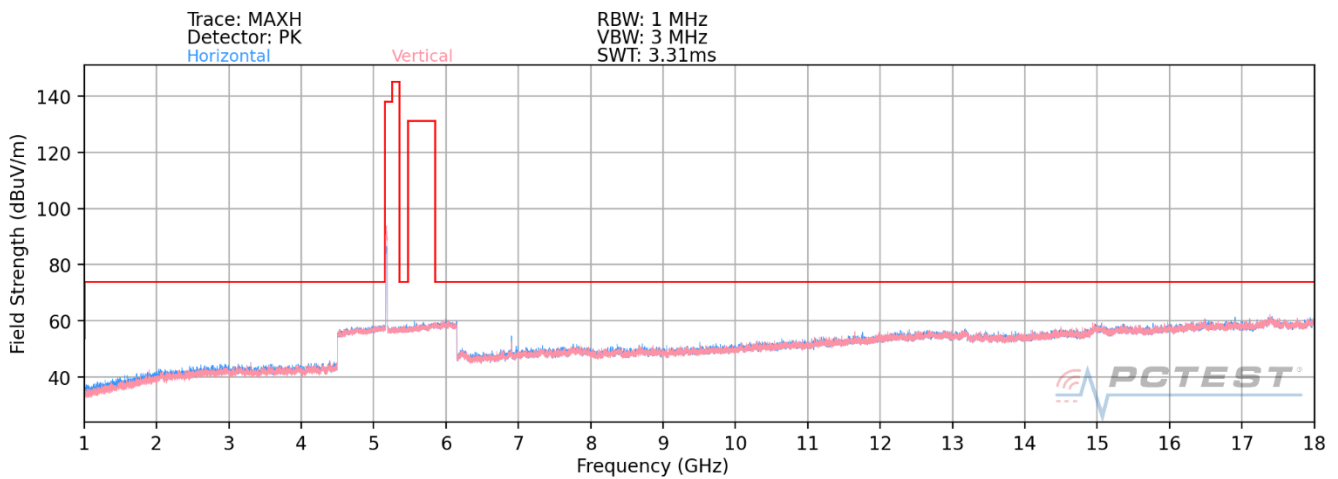


Plot 7-375. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U2C Ch. 120 – 26 Tones) Closed

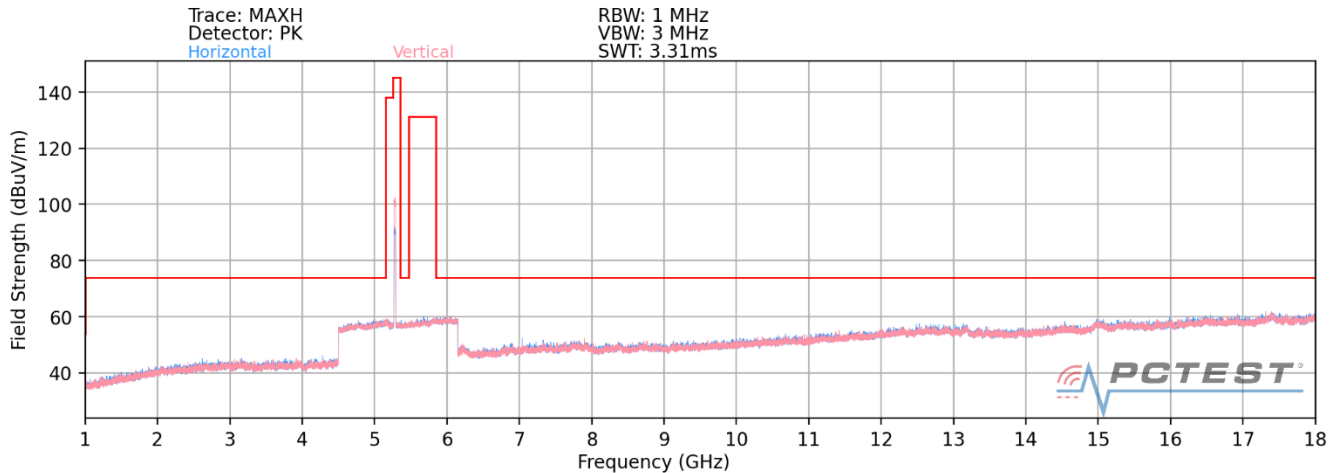


Plot 7-376. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U3 Ch. 157 – 26 Tones) Closed

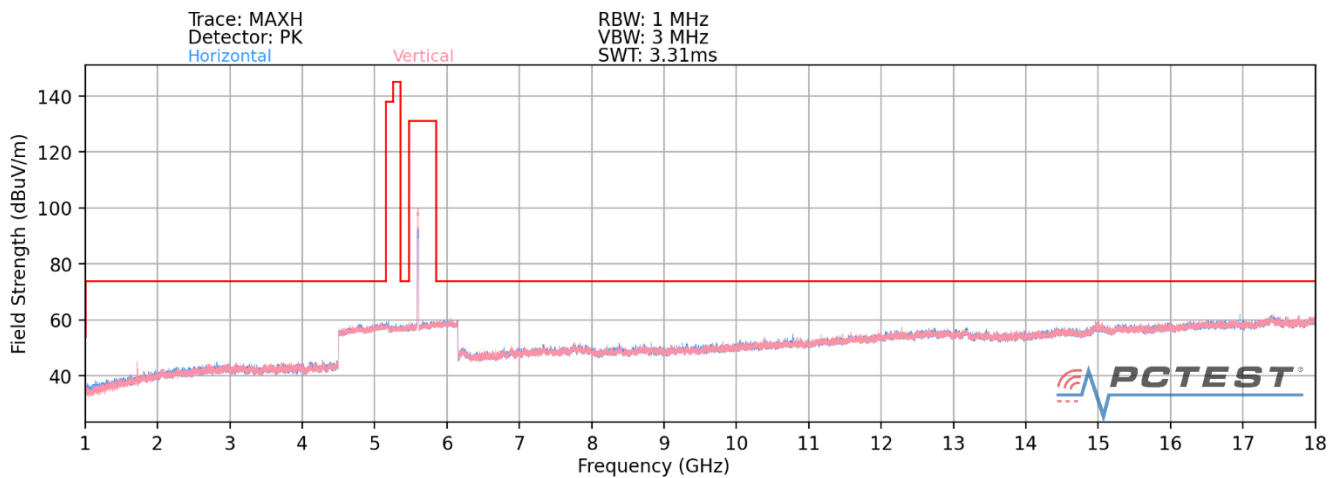


Plot 7-377. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U1 Ch. 40 – 26 Tones) Open

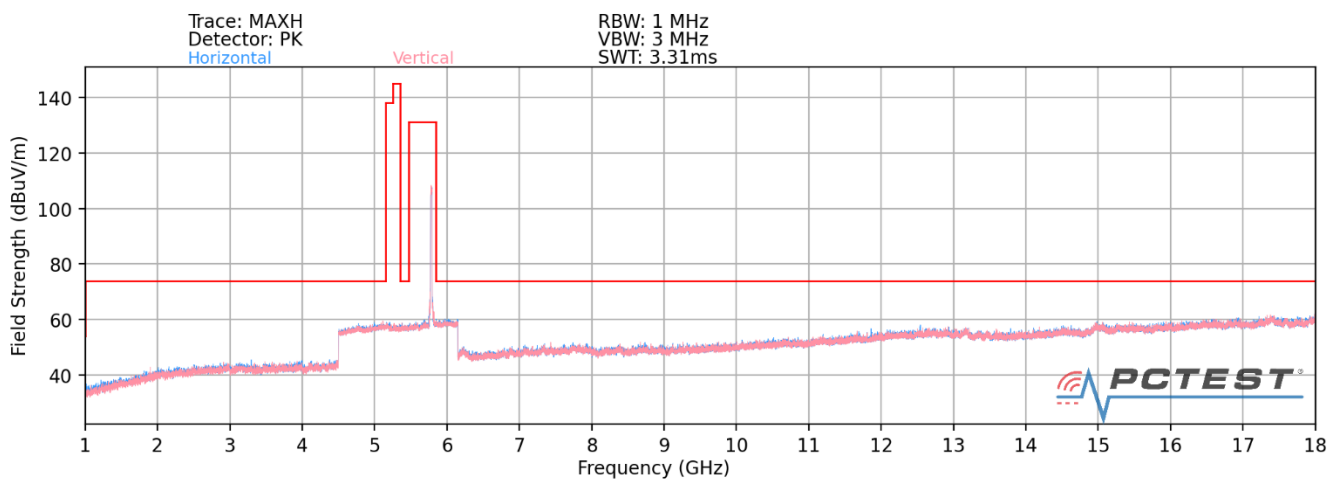
FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 252 of 341



Plot 7-378. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U2A Ch. 56 – 26 Tones) Open



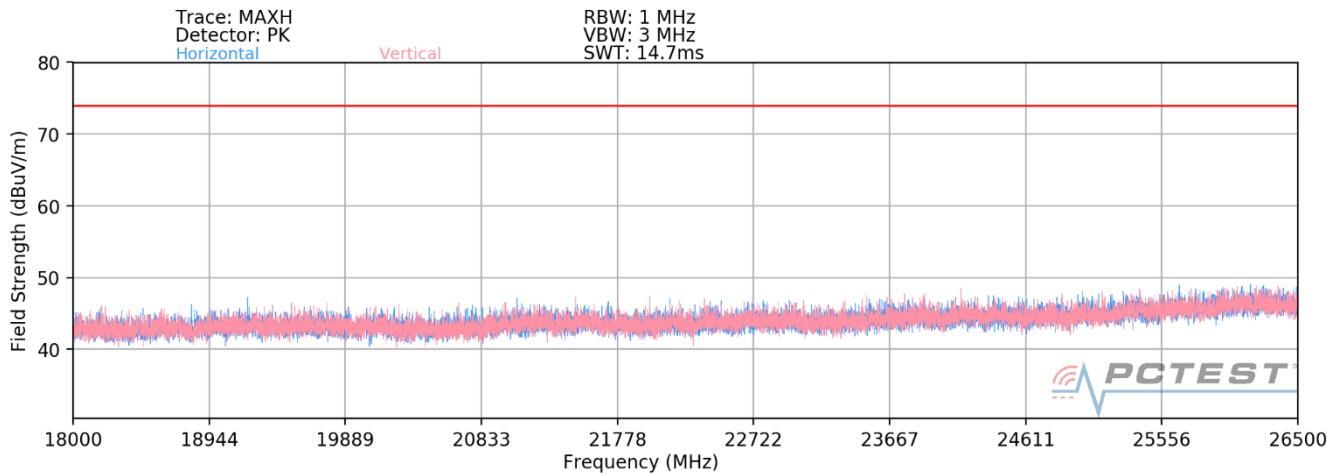
Plot 7-379. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U2C Ch. 120 – 26 Tones) Open



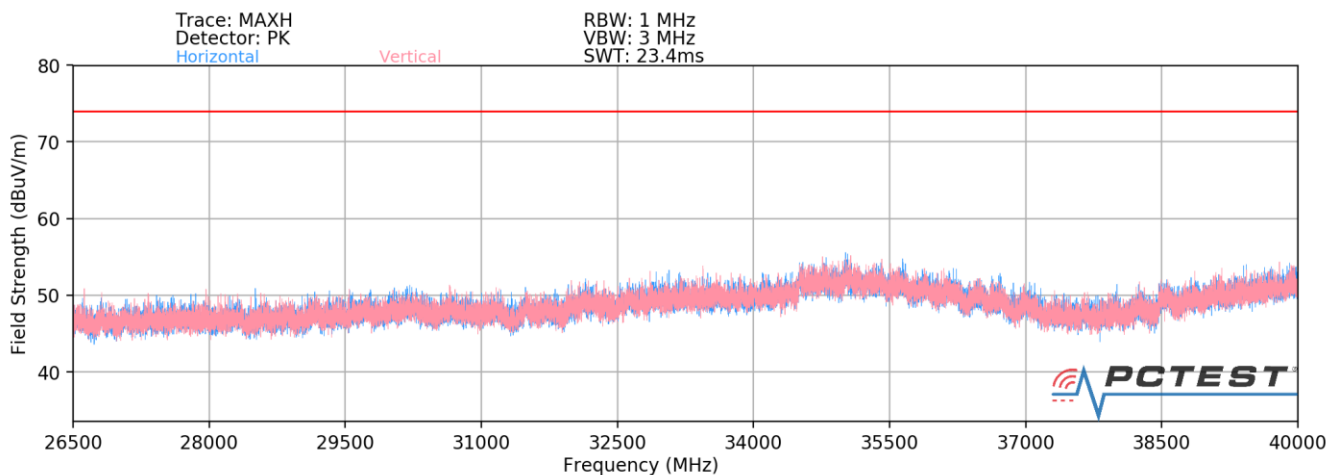
Plot 7-380. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U3 Ch. 157 – 26 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 253 of 341

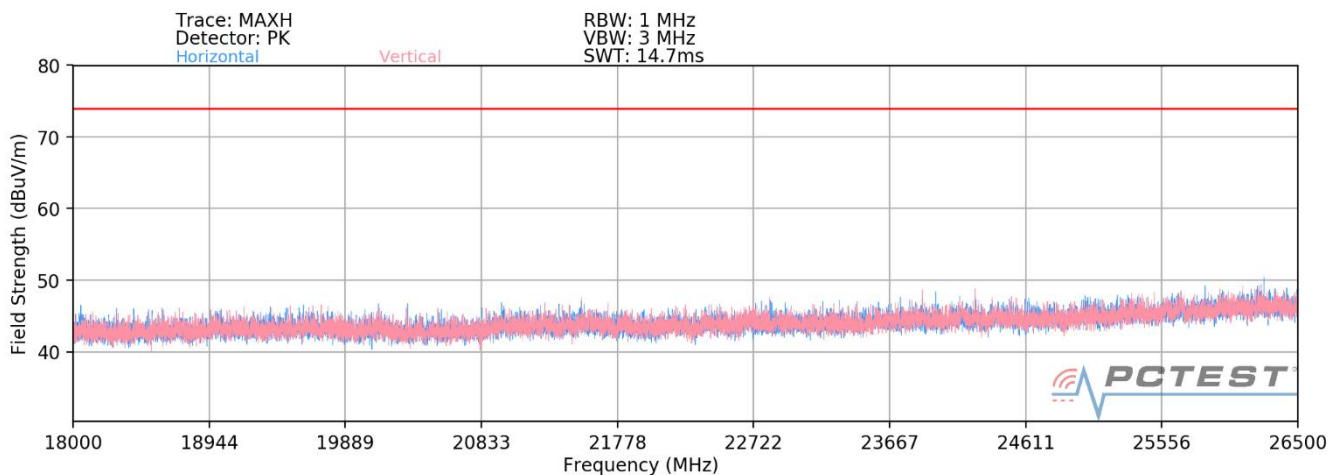
SISO SOUTH Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-381. Radiated Spurious Plot 18GHz - 26.5GHz SISO SOUTH (802.11ax - 26 Tones) Closed

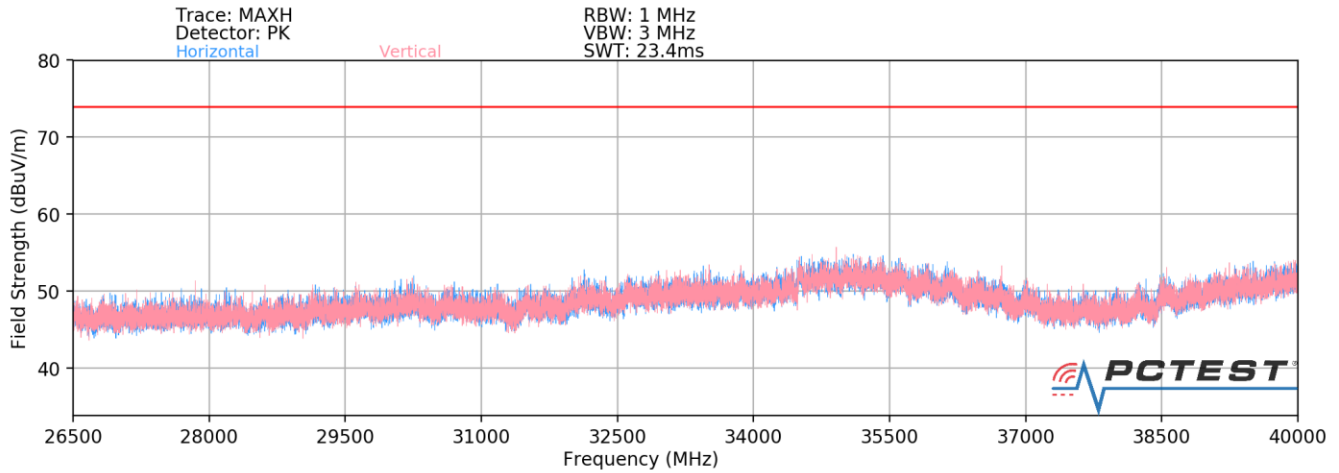


Plot 7-382. Radiated Spurious Plot 26.5GHz - 40GHz SISO SOUTH (802.11ax - 26 Tones) Closed



Plot 7-383. Radiated Spurious Plot 18GHz - 26.5GHz SISO SOUTH (802.11ax - 26 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 254 of 341



Plot 7-384. Radiated Spurious Plot 26.5GHz - 40GHz SISO SOUTH (802.11ax – 26 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 255 of 341	

SISO SOUTH Radiated Spurious Emission Measurements (26 Tones)

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5180MHz
Channel: 36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	H	-	-	-70.32	15.49	0.00	52.17	68.20	-16.03
* 15540.00	Average	H	-	-	-82.50	22.68	0.00	47.18	53.98	-6.80
* 15540.00	Peak	H	-	-	-71.76	22.68	0.00	57.92	73.98	-16.06
* 20720.00	Average	H	-	-	-66.21	4.48	-9.54	35.73	53.98	-18.25
* 20720.00	Peak	H	-	-	-55.45	4.48	-9.54	46.49	73.98	-27.49
25900.00	Peak	H	-	-	-55.85	6.92	-9.54	48.52	68.20	-19.68

Table 7-110. Radiated Measurements SISO SOUTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5200MHz
Channel: 40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	H	-	-	-71.08	15.52	0.00	51.44	68.20	-16.76
* 15600.00	Average	H	-	-	-82.35	22.77	0.00	47.42	53.98	-6.56
* 15600.00	Peak	H	-	-	-72.15	22.77	0.00	57.62	73.98	-16.36
* 20800.00	Average	H	-	-	-66.01	4.88	-9.54	36.33	53.98	-17.65
* 20800.00	Peak	H	-	-	-56.09	4.88	-9.54	46.25	73.98	-27.73
26000.00	Peak	H	-	-	-56.41	7.10	-9.54	48.15	68.20	-20.05

Table 7-111. Radiated Measurements SISO SOUTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 256 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	H	-	-	-70.61	15.45	0.00	51.84	68.20	-16.36
* 15720.00	Average	H	-	-	-82.70	22.76	0.00	47.06	53.98	-6.92
* 15720.00	Peak	H	-	-	-72.67	22.76	0.00	57.09	73.98	-16.89
* 20960.00	Average	H	-	-	-66.24	5.01	-9.54	36.23	53.98	-17.75
* 20960.00	Peak	H	-	-	-55.95	5.01	-9.54	46.51	73.98	-27.47
* 26200.00	Peak	H	-	-	-55.83	6.99	-9.54	48.61	68.20	-19.59

Table 7-112. Radiated Measurements SISO SOUTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5260MHz
Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.77	15.75	0.00	50.98	68.20	-17.22
* 15780.00	Average	H	-	-	-82.41	22.89	0.00	47.48	53.98	-6.50
* 15780.00	Peak	H	-	-	-71.93	22.89	0.00	57.96	73.98	-16.02
* 21040.00	Average	H	-	-	-66.40	4.89	-9.54	35.94	53.98	-18.04
* 21040.00	Peak	H	-	-	-55.87	4.89	-9.54	46.48	73.98	-27.50
* 26300.00	Peak	H	-	-	-56.13	7.06	-9.54	48.39	68.20	-19.81

Table 7-113. Radiated Measurements SISO SOUTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset	Page 257 of 341	

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	H	-	-	-71.61	16.14	0.00	51.53	68.20	-16.67
* 15840.00	Average	H	-	-	-82.31	23.17	0.00	47.86	53.98	-6.12
* 15840.00	Peak	H	-	-	-71.66	23.17	0.00	58.51	73.98	-15.47
* 21120.00	Average	H	-	-	-66.50	5.08	-9.54	36.04	53.98	-17.93
* 21120.00	Peak	H	-	-	-55.62	5.08	-9.54	46.92	73.98	-27.06
26400.00	Peak	H	-	-	-55.67	7.43	-9.54	49.22	68.20	-18.98

Table 7-114. Radiated Measurements SISO SOUTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5320MHz
Channel: 64

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	H	-	-	-82.04	16.06	0.00	41.02	53.98	-12.96
* 10640.00	Peak	H	-	-	-71.66	16.06	0.00	51.40	73.98	-22.58
* 15960.00	Average	H	-	-	-82.19	23.29	0.00	48.10	53.98	-5.88
* 15960.00	Peak	H	-	-	-71.72	23.29	0.00	58.57	73.98	-15.41
* 21280.00	Average	H	-	-	-66.20	5.14	-9.54	36.39	53.98	-17.59
* 21280.00	Peak	H	-	-	-56.07	5.14	-9.54	46.53	73.98	-27.45
26600.00	Peak	H	-	-	-55.76	7.21	-9.54	48.91	68.20	-19.29

Table 7-115. Radiated Measurements SISO SOUTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 258 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5500MHz
Channel: 100

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	H	-	-	-82.07	16.78	0.00	41.71	53.98	-12.27
* 11000.00	Peak	H	-	-	-71.35	16.78	0.00	52.43	73.98	-21.55
16500.00	Peak	H	-	-	-71.36	24.50	0.00	60.14	68.20	-8.06
22000.00	Peak	H	-	-	-55.86	5.16	-9.54	46.76	68.20	-21.44
27500.00	Peak	H	-	-	-55.47	7.69	-9.54	49.68	68.20	-18.52

Table 7-116. Radiated Measurements SISO SOUTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 0
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5600MHz
Channel: 120

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11200.00	Average	H	-	-	-81.25	17.10	0.00	42.85	53.98	-11.13
* 11200.00	Peak	H	-	-	-70.52	17.10	0.00	53.58	73.98	-20.40
16800.00	Peak	H	-	-	-72.22	24.48	0.00	59.26	68.20	-8.94
* 22400.00	Average	H	-	-	-66.19	5.45	-9.54	36.71	53.98	-17.27
* 22400.00	Peak	H	-	-	-55.79	5.45	-9.54	47.11	73.98	-26.87
28000.00	Peak	H	-	-	-55.52	7.97	-9.54	49.91	68.20	-18.29

Table 7-117. Radiated Measurements SISO SOUTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 259 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 0
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5720MHz
Channel: 144

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	H	-	-	-82.13	17.95	0.00	42.82	53.98	-11.16
* 11440.00	Peak	H	-	-	-71.86	17.95	0.00	53.09	73.98	-20.89
17160.00	Peak	H	-	-	-72.61	24.77	0.00	59.16	68.20	-9.04
* 22880.00	Average	H	-	-	-66.32	5.43	-9.54	36.57	53.98	-17.41
* 22880.00	Peak	H	-	-	-55.88	5.43	-9.54	47.01	73.98	-26.97
28600.00	Peak	H	-	-	-56.28	8.29	-9.54	49.47	68.20	-18.73

Table 7-118. Radiated Measurements SISO SOUTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 4
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5745MHz
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	H	-	-	-82.44	17.82	0.00	42.38	53.98	-11.60
* 11490.00	Peak	H	-	-	-72.41	17.82	0.00	52.41	73.98	-21.57
17235.00	Peak	H	-	-	-72.66	25.21	0.00	59.55	68.20	-8.65
* 22980.00	Average	H	-	-	-66.25	5.29	-9.54	36.50	53.98	-17.48
* 22980.00	Peak	H	-	-	-55.54	5.29	-9.54	47.22	73.98	-26.76
28725.00	Peak	H	-	-	-56.15	8.24	-9.54	49.54	68.20	-18.66

Table 7-119. Radiated Measurements SISO SOUTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset	Page 260 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 4
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5785MHz
Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	H	-	-	-81.87	17.80	0.00	42.93	53.98	-11.05
* 11570.00	Peak	H	-	-	-71.84	17.80	0.00	52.96	73.98	-21.02
17355.00	Peak	H	-	-	-72.84	26.23	0.00	60.39	68.20	-7.81
23140.00	Peak	H	-	-	-56.09	5.34	-9.54	46.71	68.20	-21.49
28925.00	Peak	H	-	-	-55.84	8.48	-9.54	50.09	68.20	-18.11

Table 7-120. Radiated Measurements SISO SOUTH (26 Tones)

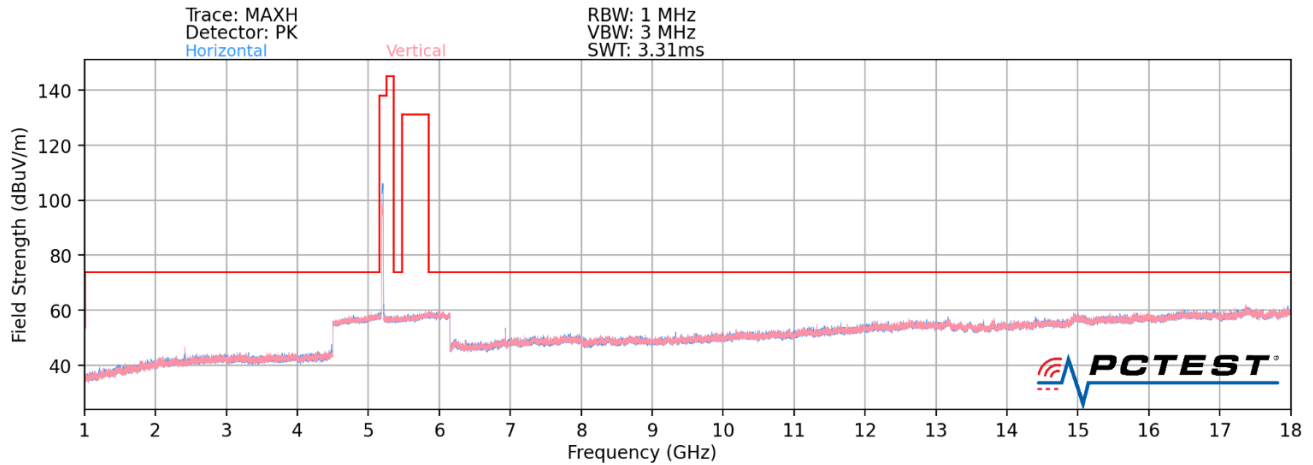
Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 4
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5825MHz
Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-81.63	18.05	0.00	43.42	53.98	-10.56
* 11650.00	Peak	H	-	-	-71.65	18.05	0.00	53.40	73.98	-20.58
17475.00	Peak	H	-	-	-73.33	25.87	0.00	59.54	68.20	-8.66
23300.00	Peak	H	-	-	-56.34	5.29	-9.54	46.41	68.20	-21.79
29125.00	Peak	H	-	-	-56.19	8.49	-9.54	49.76	68.20	-18.44

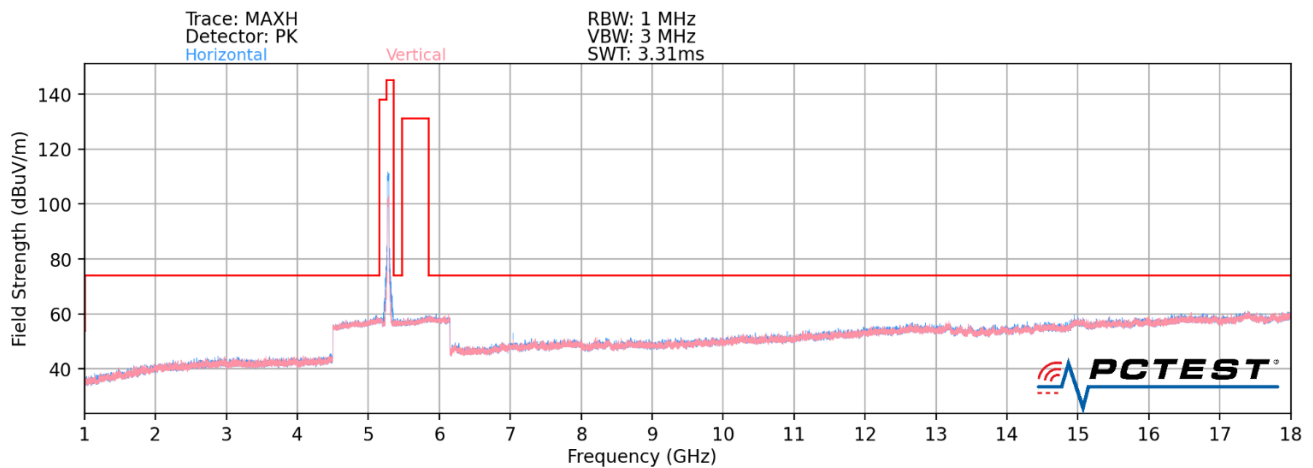
Table 7-121. Radiated Measurements SISO SOUTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 261 of 341

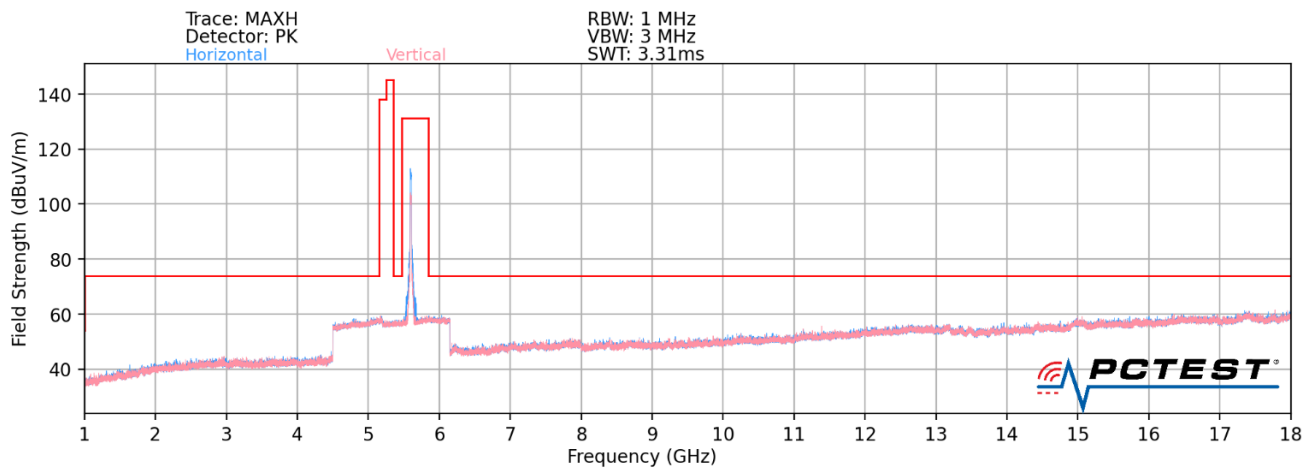
242 Tones



Plot 7-385. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U1 Ch. 40 – 242 Tones) Closed

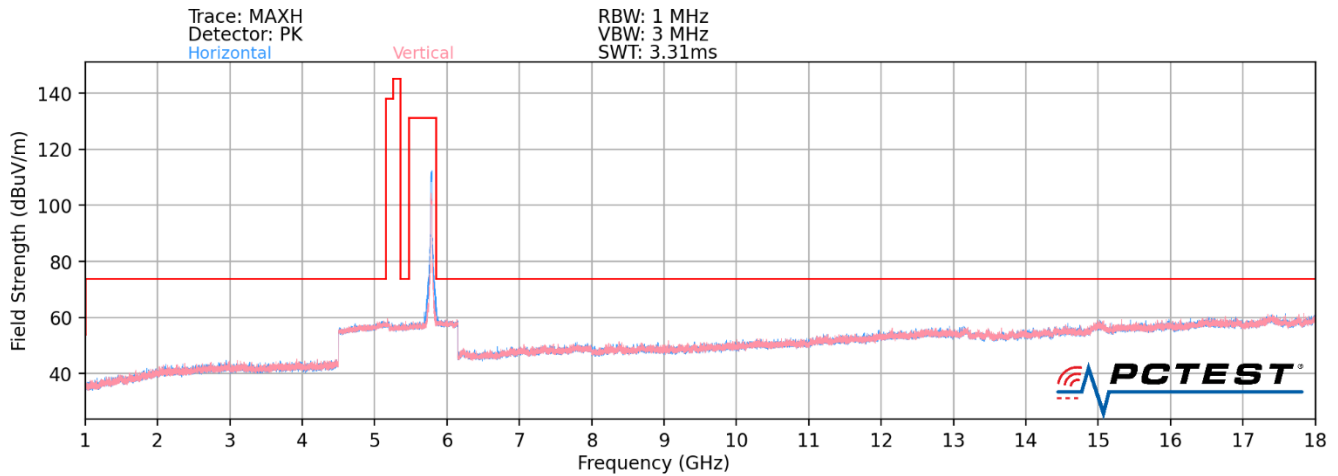


Plot 7-386. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U2A Ch. 56 – 242 Tones) Closed

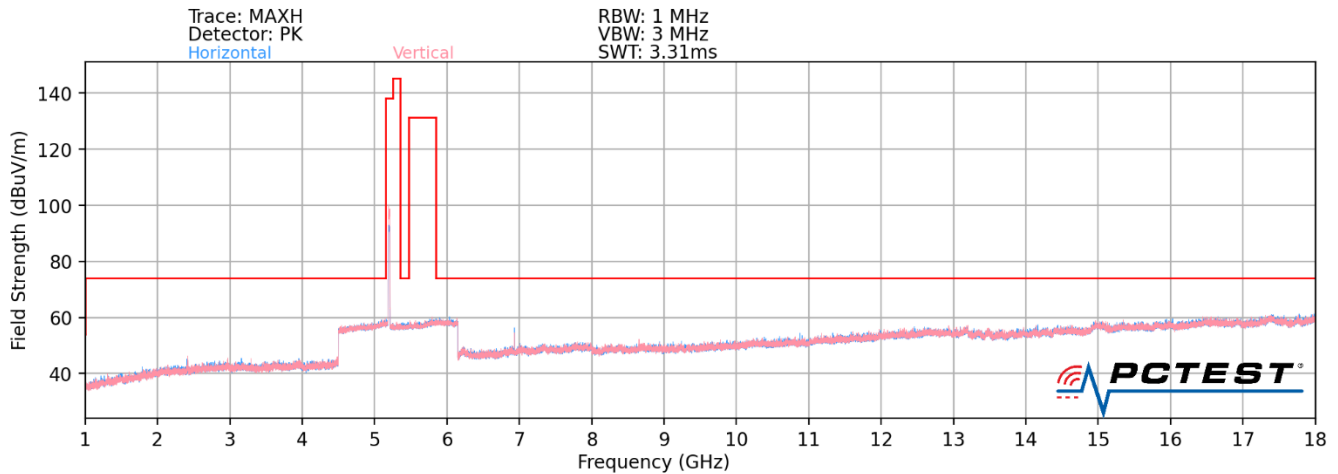


Plot 7-387. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U2C Ch. 120 – 242 Tones) Closed

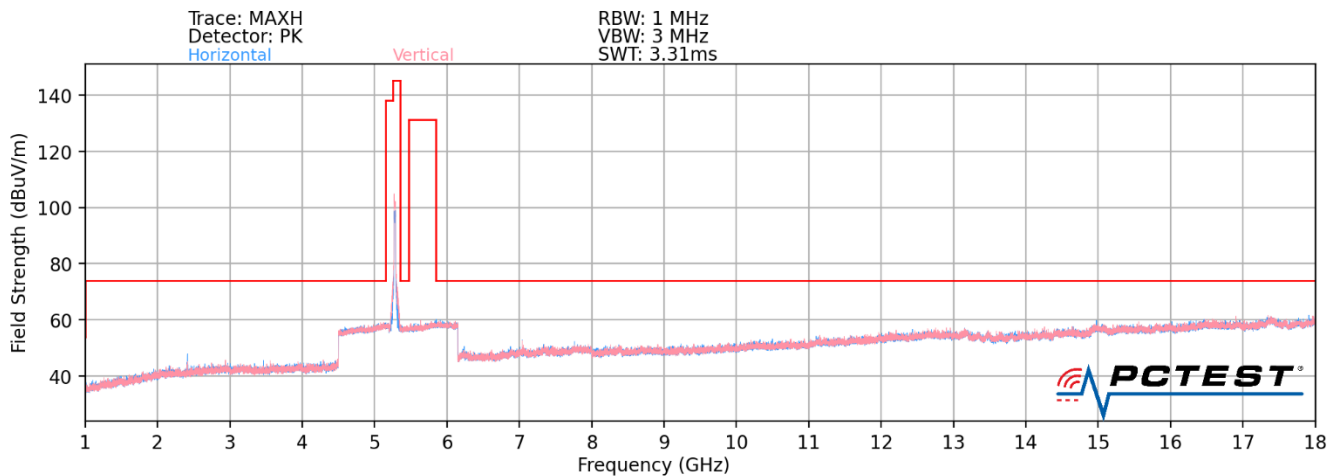
FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 262 of 341



Plot 7-388. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U3 Ch. 157 – 242 Tones) Closed

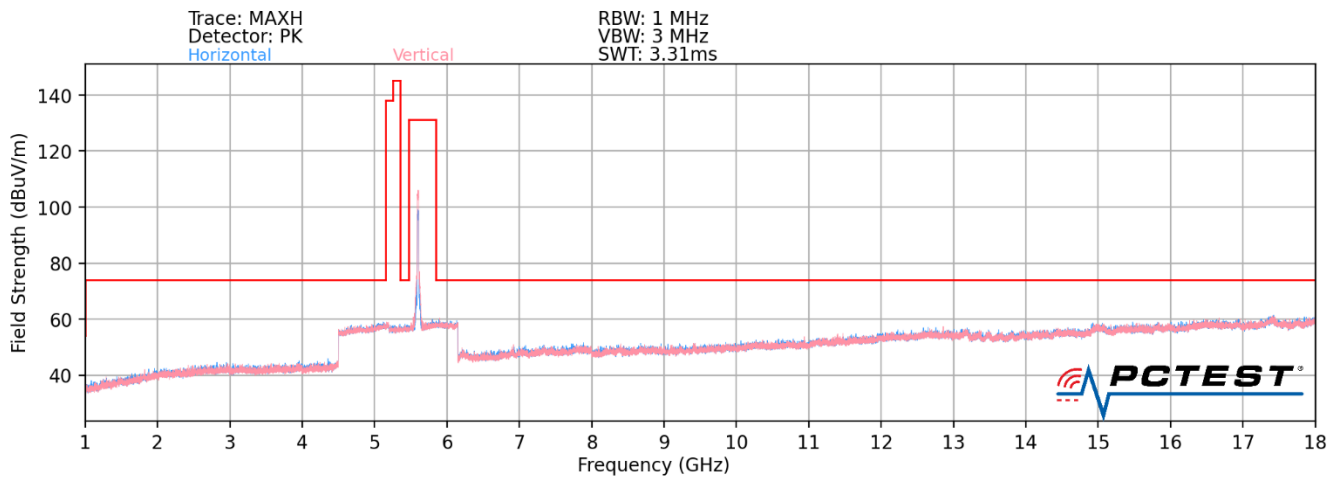


Plot 7-389. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U1 Ch. 40 – 242 Tones) Open

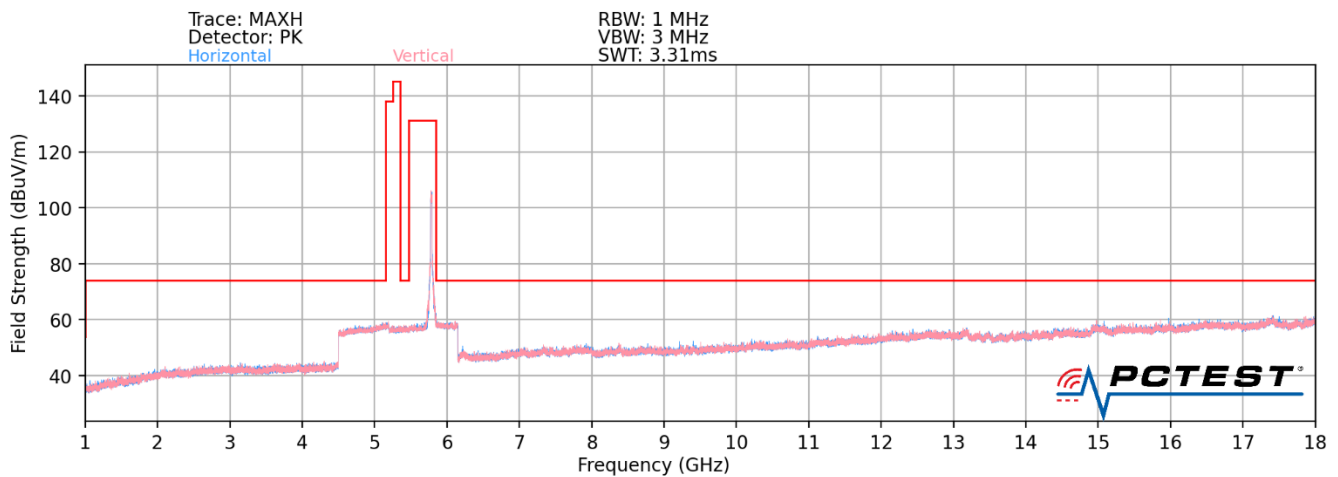


Plot 7-390. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U2A Ch. 56 – 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 263 of 341



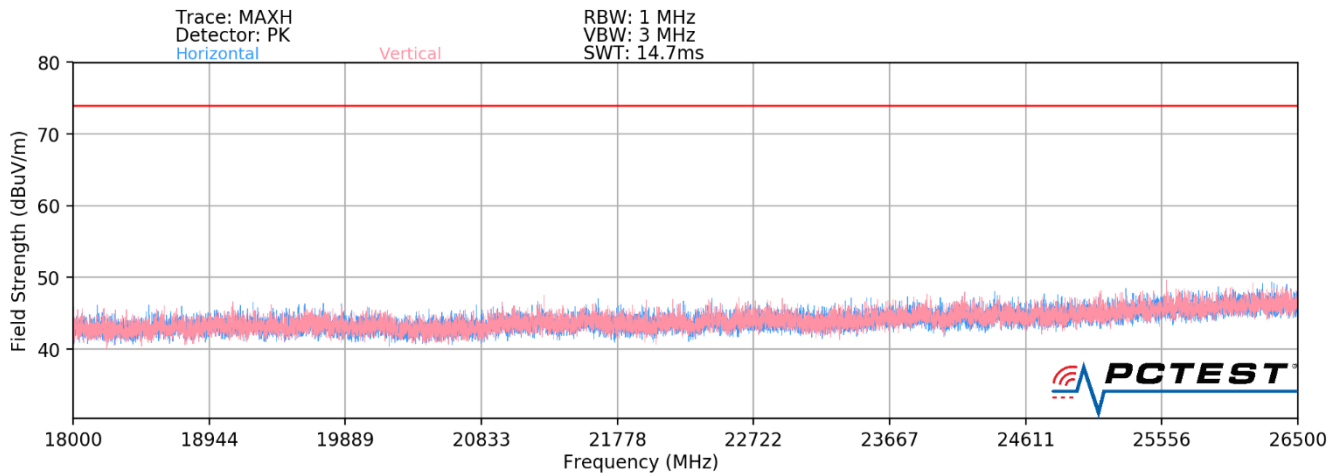
Plot 7-391. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U2C Ch. 120 – 242 Tones) Open



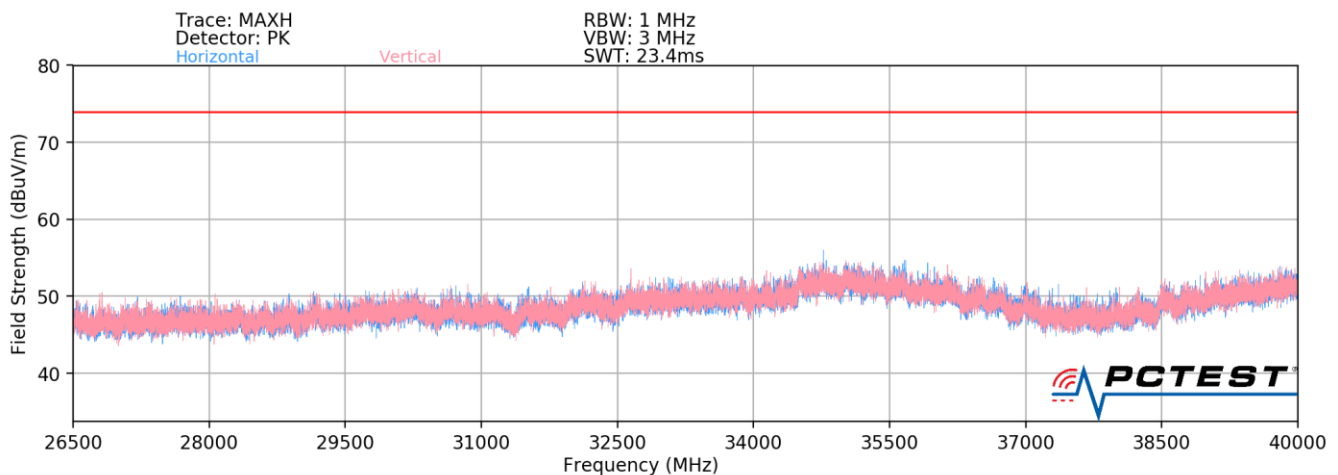
Plot 7-392. Radiated Spurious Plot above 1GHz SISO SOUTH (802.11ax – U3 Ch. 157 – 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 264 of 341

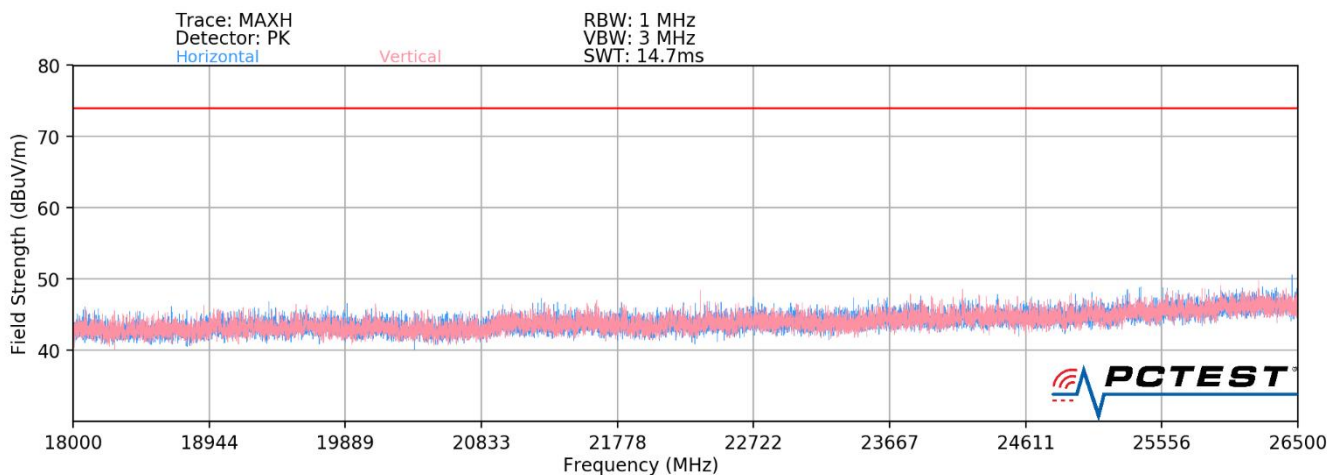
SISO SOUTH Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-393. Radiated Spurious Plot 18GHz - 26.5GHz SISO SOUTH (802.11ax - 242 Tones) Closed

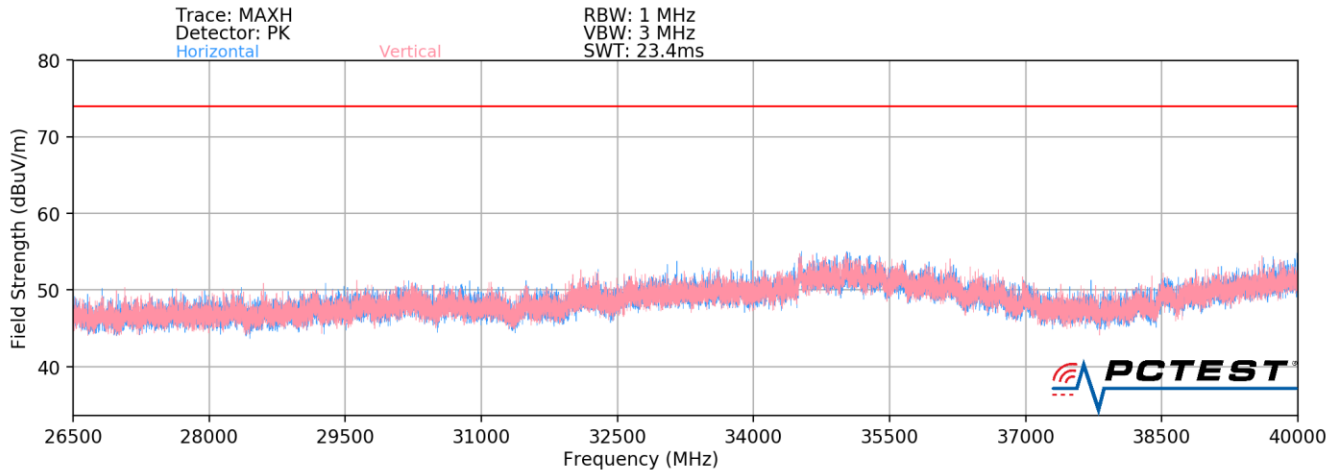


Plot 7-394. Radiated Spurious Plot 26.5GHz - 40GHz SISO SOUTH (802.11ax - 242 Tones) Closed



Plot 7-395. Radiated Spurious Plot 18GHz - 26.5GHz SISO SOUTH (802.11ax - 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 265 of 341



Plot 7-396. Radiated Spurious Plot 26.5GHz - 40GHz SISO SOUTH (802.11ax – 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 266 of 341	

SISO SOUTH Radiated Spurious Emission Measurements (242 Tones)

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5180MHz
Channel: 36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	H	-	-	-70.29	15.49	0.00	52.20	68.20	-16.00
* 15540.00	Average	H	-	-	-82.14	22.68	0.00	47.54	53.98	-6.44
* 15540.00	Peak	H	-	-	-71.79	22.68	0.00	57.89	73.98	-16.09
* 20720.00	Average	H	-	-	-67.13	4.48	-9.54	34.81	53.98	-19.17
* 20720.00	Peak	H	-	-	-56.82	4.48	-9.54	45.12	73.98	-28.86
25900.00	Peak	H	-	-	-56.70	6.92	-9.54	47.67	68.20	-20.53

Table 7-122. Radiated Measurements SISO SOUTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5200MHz
Channel: 40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	H	-	-	-70.59	15.52	0.00	51.93	68.20	-16.27
* 15600.00	Average	H	-	-	-82.25	22.77	0.00	47.52	53.98	-6.46
* 15600.00	Peak	H	-	-	-71.95	22.77	0.00	57.82	73.98	-16.16
* 20800.00	Average	H	-	-	-67.05	4.88	-9.54	35.29	53.98	-18.69
* 20800.00	Peak	H	-	-	-56.90	4.88	-9.54	45.44	73.98	-28.54
26000.00	Peak	H	-	-	-56.59	7.10	-9.54	47.97	68.20	-20.23

Table 7-123. Radiated Measurements SISO SOUTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 267 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	H	-	-	-71.20	15.45	0.00	51.25	68.20	-16.95
* 15720.00	Average	H	-	-	-82.41	22.76	0.00	47.35	53.98	-6.63
* 15720.00	Peak	H	-	-	-71.51	22.76	0.00	58.25	73.98	-15.73
* 20960.00	Average	H	-	-	-67.29	5.01	-9.54	35.17	53.98	-18.81
* 20960.00	Peak	H	-	-	-56.92	5.01	-9.54	45.54	73.98	-28.44
* 26200.00	Peak	H	-	-	-57.02	6.99	-9.54	47.42	68.20	-20.78

Table 7-124. Radiated Measurements SISO SOUTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5260MHz
Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.65	15.75	0.00	51.10	68.20	-17.10
* 15780.00	Average	H	-	-	-82.49	22.89	0.00	47.40	53.98	-6.58
* 15780.00	Peak	H	-	-	-72.34	22.89	0.00	57.55	73.98	-16.43
* 21040.00	Average	H	-	-	-66.93	4.89	-9.54	35.41	53.98	-18.57
* 21040.00	Peak	H	-	-	-56.15	4.89	-9.54	46.19	73.98	-27.79
* 26300.00	Peak	H	-	-	-57.17	7.06	-9.54	47.35	68.20	-20.85

Table 7-125. Radiated Measurements SISO SOUTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 268 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	H	-	-	-71.99	16.14	0.00	51.15	68.20	-17.05
* 15840.00	Average	H	-	-	-82.32	23.17	0.00	47.85	53.98	-6.13
* 15840.00	Peak	H	-	-	-72.11	23.17	0.00	58.06	73.98	-15.92
* 21120.00	Average	H	-	-	-66.81	5.08	-9.54	35.73	53.98	-18.25
* 21120.00	Peak	H	-	-	-56.63	5.08	-9.54	45.91	73.98	-28.07
* 26400.00	Peak	H	-	-	-56.69	7.43	-9.54	48.20	68.20	-20.00

Table 7-126. Radiated Measurements SISO SOUTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5320MHz
Channel: 64

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	H	-	-	-82.14	16.06	0.00	40.92	53.98	-13.06
* 10640.00	Peak	H	-	-	-72.37	16.06	0.00	50.69	73.98	-23.29
* 15960.00	Average	H	-	-	-82.25	23.29	0.00	48.04	53.98	-5.94
* 15960.00	Peak	H	-	-	-72.07	23.29	0.00	58.22	73.98	-15.76
* 21280.00	Average	H	-	-	-66.64	5.14	-9.54	35.95	53.98	-18.03
* 21280.00	Peak	H	-	-	-55.87	5.14	-9.54	46.72	73.98	-27.26
* 26600.00	Peak	H	-	-	-56.01	7.21	-9.54	48.66	68.20	-19.54

Table 7-127. Radiated Measurements SISO SOUTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 269 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5500MHz
Channel: 100

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	H	-	-	-82.07	16.78	0.00	41.71	53.98	-12.27
* 11000.00	Peak	H	-	-	-72.21	16.78	0.00	51.57	73.98	-22.41
16500.00	Peak	H	-	-	-71.78	24.50	0.00	59.72	68.20	-8.48
22000.00	Peak	H	-	-	-56.96	5.16	-9.54	45.65	68.20	-22.55
27500.00	Peak	H	-	-	-56.21	7.69	-9.54	48.94	68.20	-19.26

Table 7-128. Radiated Measurements SISO SOUTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5600MHz
Channel: 120

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11200.00	Average	H	-	-	-81.36	17.10	0.00	42.74	53.98	-11.24
* 11200.00	Peak	H	-	-	-71.82	17.10	0.00	52.28	73.98	-21.70
16800.00	Peak	H	-	-	-72.57	24.48	0.00	58.91	68.20	-9.29
* 22400.00	Average	H	-	-	-67.13	5.45	-9.54	35.77	53.98	-18.21
* 22400.00	Peak	H	-	-	-57.39	5.45	-9.54	45.51	53.98	-8.47
28000.00	Peak	H	-	-	-56.20	7.97	-9.54	49.23	53.98	-4.75

Table 7-129. Radiated Measurements SISO SOUTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 270 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5720MHz
Channel: 144

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	H	-	-	-82.01	17.95	0.00	42.94	53.98	-11.04
* 11440.00	Peak	H	-	-	-71.55	17.95	0.00	53.40	73.98	-20.58
17160.00	Peak	H	-	-	-73.32	24.77	0.00	58.45	68.20	-9.75
* 22880.00	Average	H	-	-	-67.16	5.43	-9.54	35.72	53.98	-18.26
* 22880.00	Peak	H	-	-	-55.36	5.43	-9.54	47.52	73.98	-26.46
28600.00	Peak	H	-	-	-57.08	8.29	-9.54	48.67	68.20	-19.53

Table 7-130. Radiated Measurements SISO SOUTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5745MHz
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	H	-	-	-82.31	17.82	0.00	42.51	53.98	-11.47
* 11490.00	Peak	H	-	-	-72.38	17.82	0.00	52.44	73.98	-21.54
17235.00	Peak	H	-	-	-73.27	25.21	0.00	58.94	68.20	-9.26
* 22980.00	Average	H	-	-	-66.86	5.29	-9.54	35.89	53.98	-18.09
* 22980.00	Peak	H	-	-	-56.52	5.29	-9.54	46.23	73.98	-27.75
28725.00	Peak	H	-	-	-57.28	8.24	-9.54	48.42	68.20	-19.78

Table 7-131. Radiated Measurements SISO SOUTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	 Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 271 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5785MHz
Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	H	-	-	-81.77	17.80	0.00	43.03	53.98	-10.95
* 11570.00	Peak	H	-	-	-71.44	17.80	0.00	53.36	73.98	-20.62
17355.00	Peak	H	-	-	-72.45	26.23	0.00	60.78	68.20	-7.42
23140.00	Peak	H	-	-	-56.18	5.34	-9.54	46.61	68.20	-21.59
28925.00	Peak	H	-	-	-56.35	8.48	-9.54	49.58	68.20	-18.62

Table 7-132. Radiated Measurements SISO SOUTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5825MHz
Channel: 165

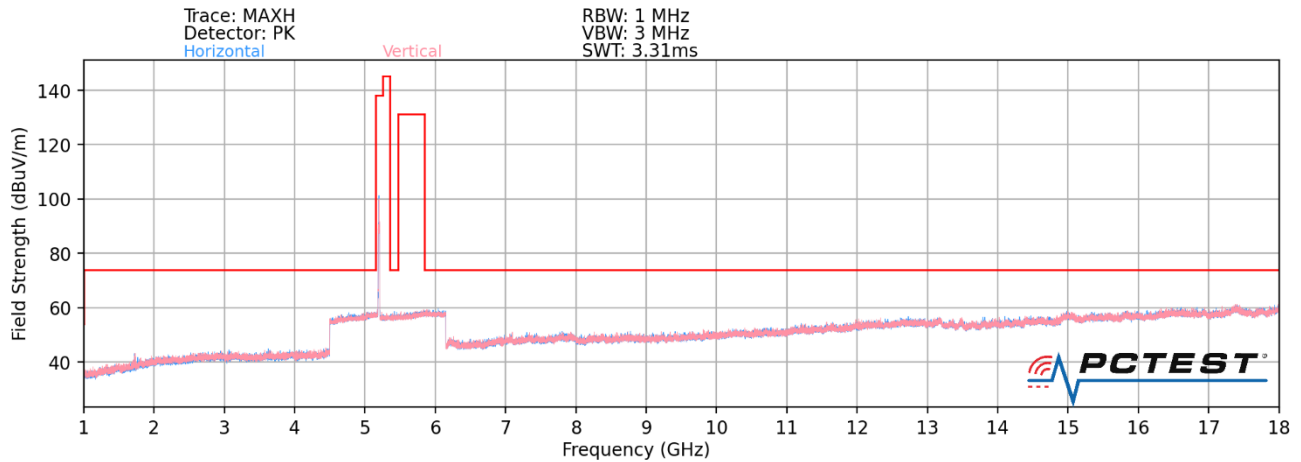
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-82.02	18.05	0.00	43.03	53.98	-10.95
* 11650.00	Peak	H	-	-	-71.57	18.05	0.00	53.48	73.98	-20.50
17475.00	Peak	H	-	-	-73.35	25.87	0.00	59.52	68.20	-8.68
23300.00	Peak	H	-	-	-57.03	5.29	-9.54	45.71	68.20	-22.49
29125.00	Peak	H	-	-	-56.84	8.49	-9.54	49.11	68.20	-19.09

Table 7-133. Radiated Measurements SISO SOUTH (242 Tones)

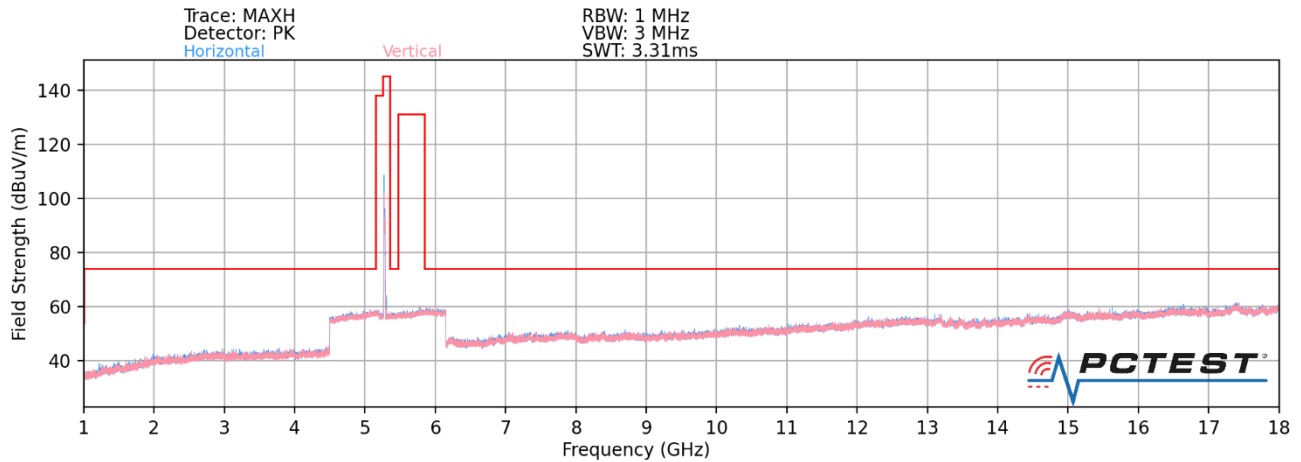
FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 272 of 341

7.6.2 SISO NORTH Radiated Spurious Emission Measurements

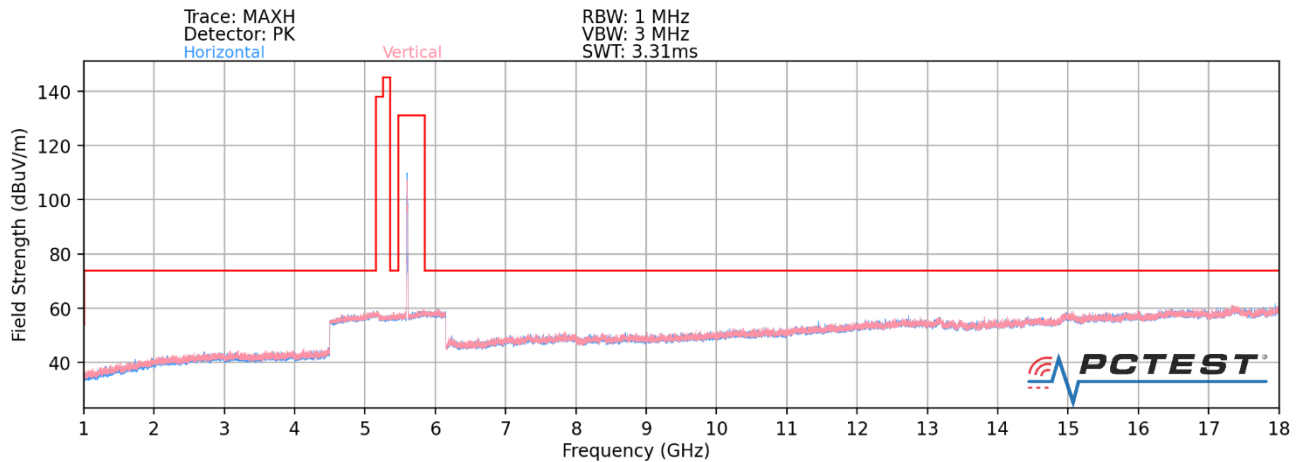
26 Tones



Plot 7-397. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U1 Ch. 40 – 26 Tones) Closed

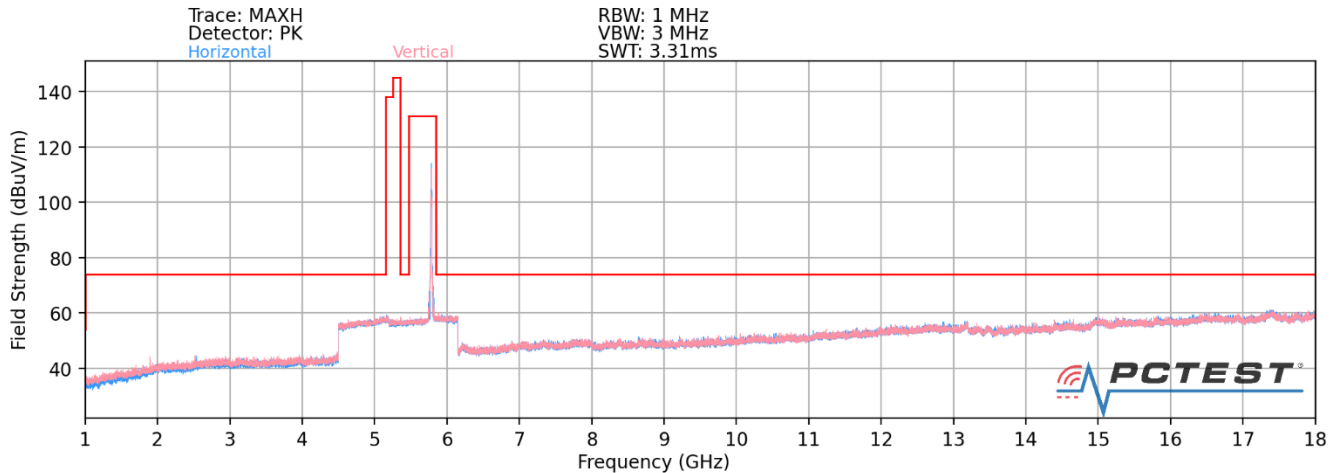


Plot 7-398. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2A Ch. 56 – 26 Tones) Closed

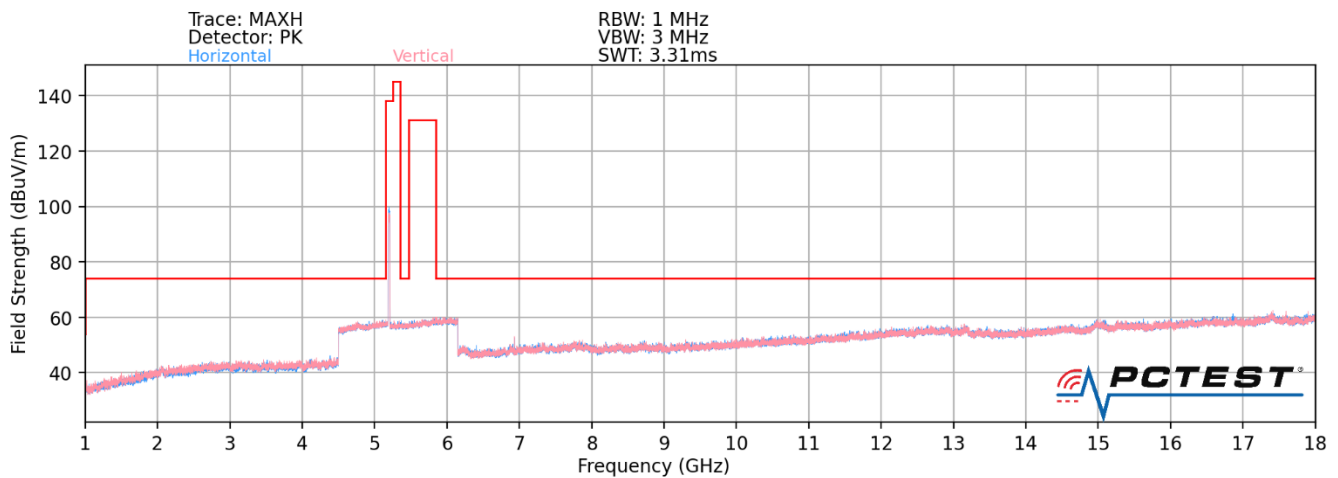


Plot 7-399. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2C Ch. 120 – 26 Tones) Closed

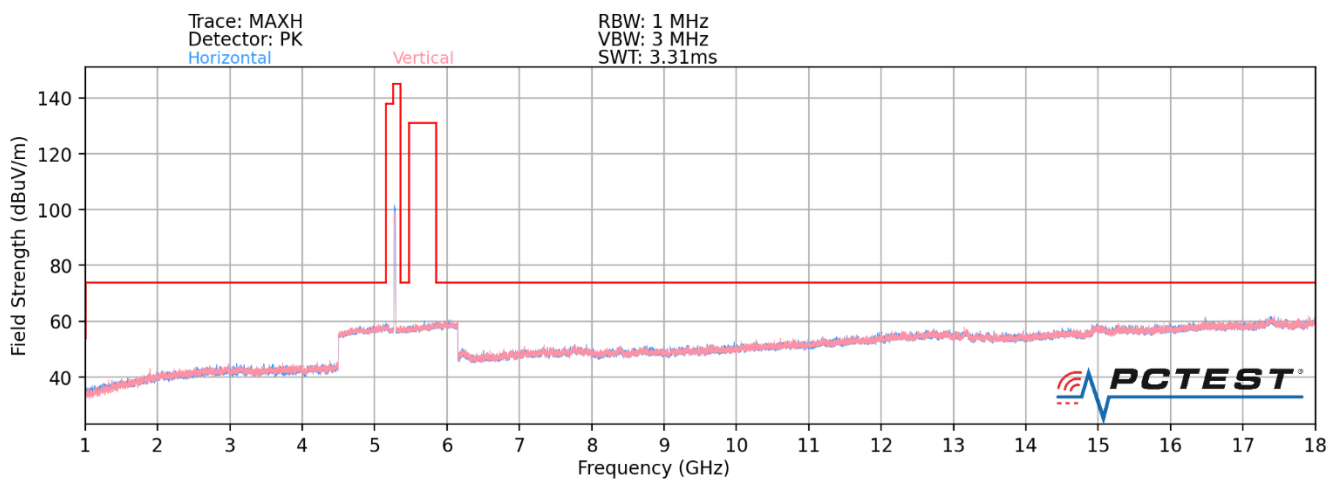
FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 273 of 341



Plot 7-400. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U3 Ch. 157 – 26 Tones) Closed

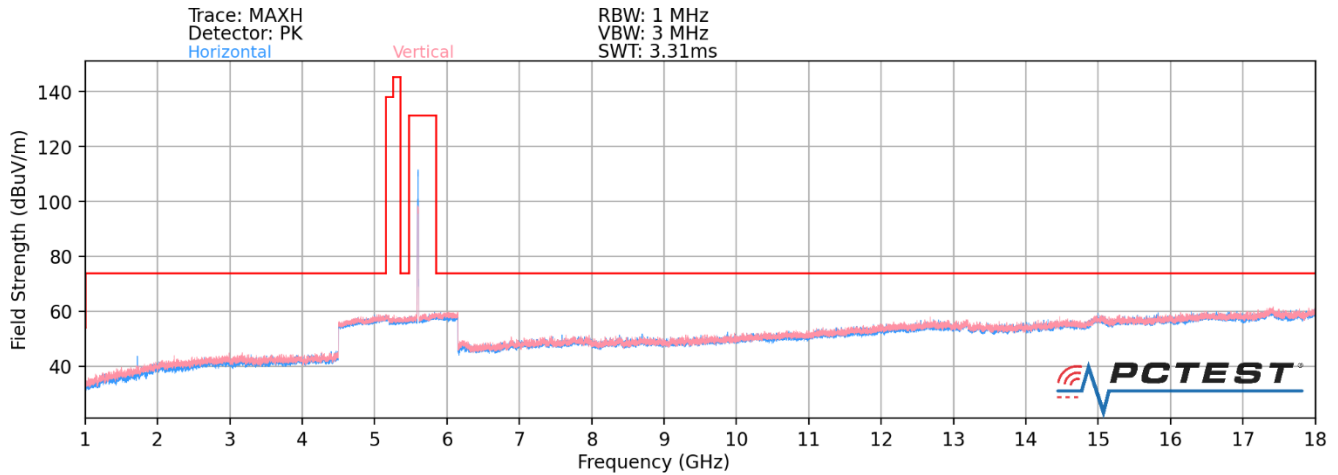


Plot 7-401. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U1 Ch. 40 – 26 Tones) Open

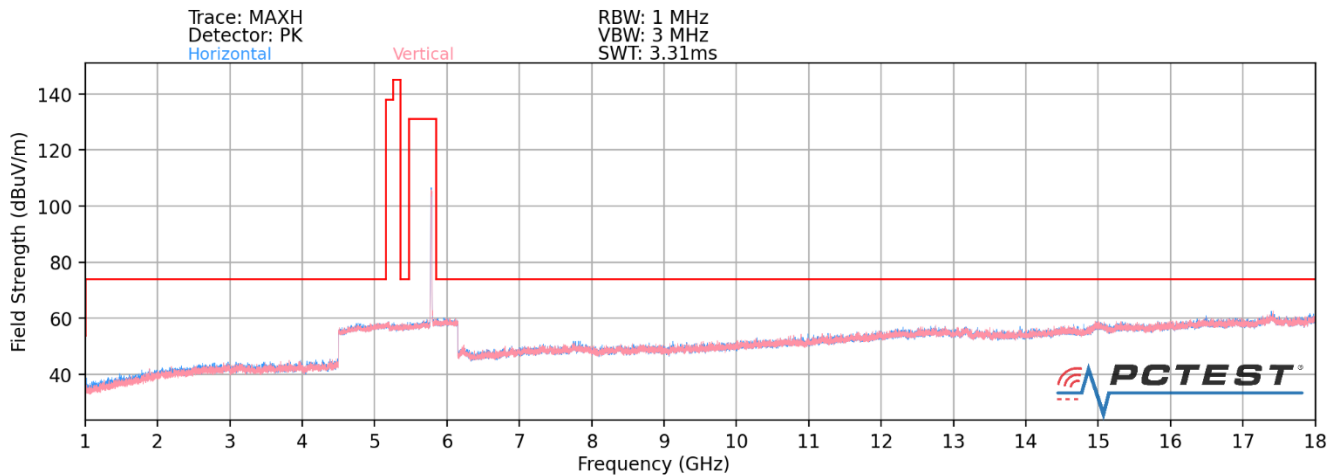


Plot 7-402. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2A Ch. 56 – 26 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 274 of 341



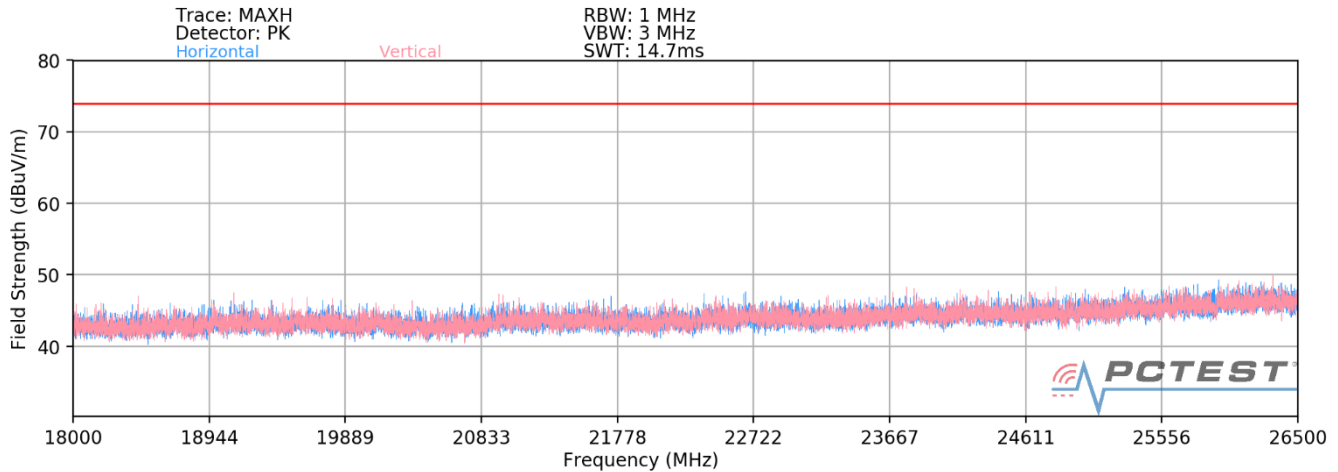
Plot 7-403. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2C Ch. 120 – 26 Tones) Open



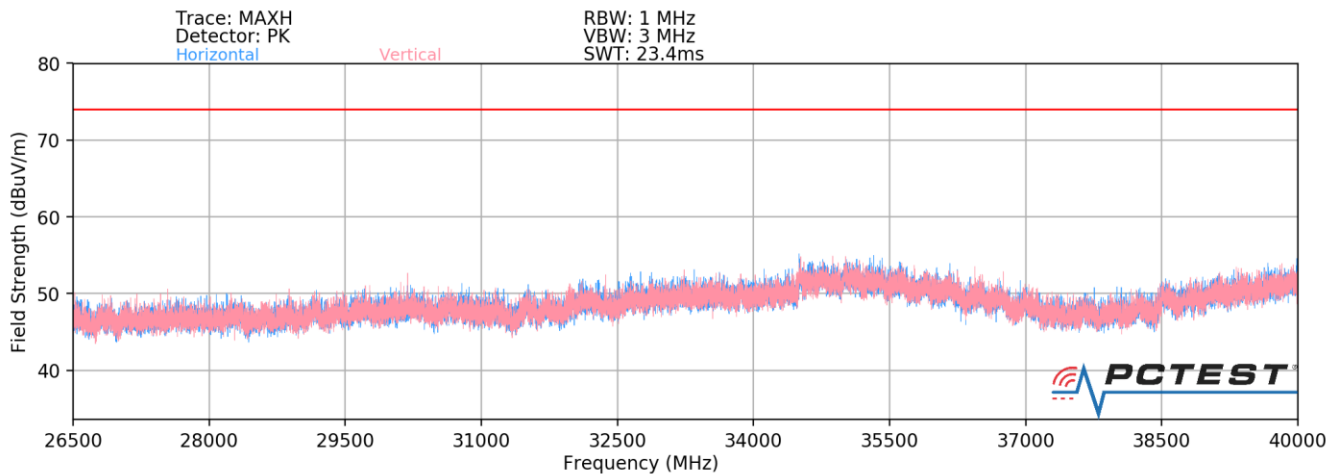
Plot 7-404. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U3 Ch. 157 – 26 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 275 of 341

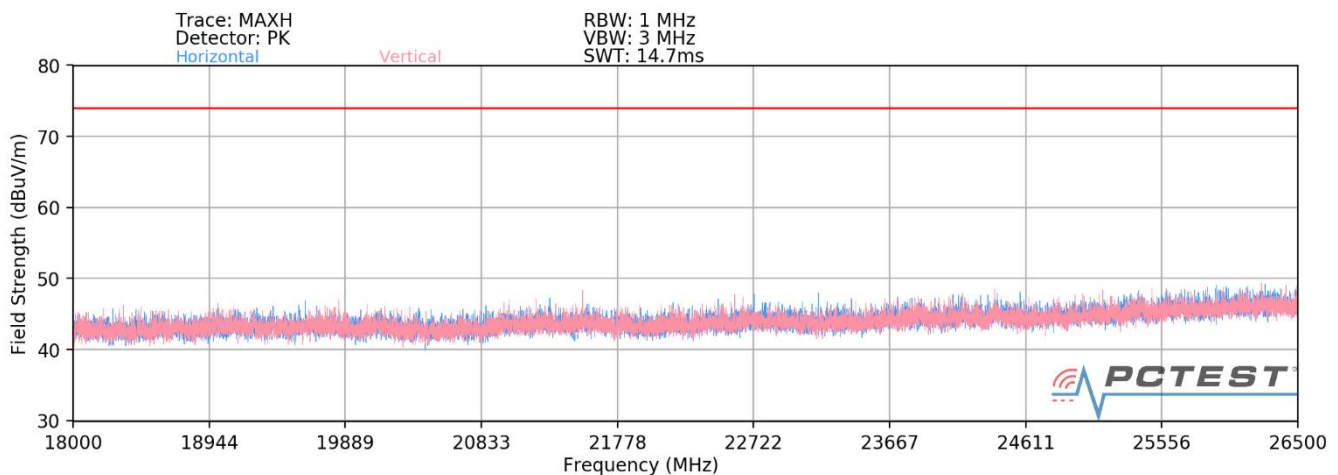
SISO NORTH Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-405. Radiated Spurious Plot 18GHz - 26.5GHz SISO NORTH (802.11ax - 26 Tones) Closed

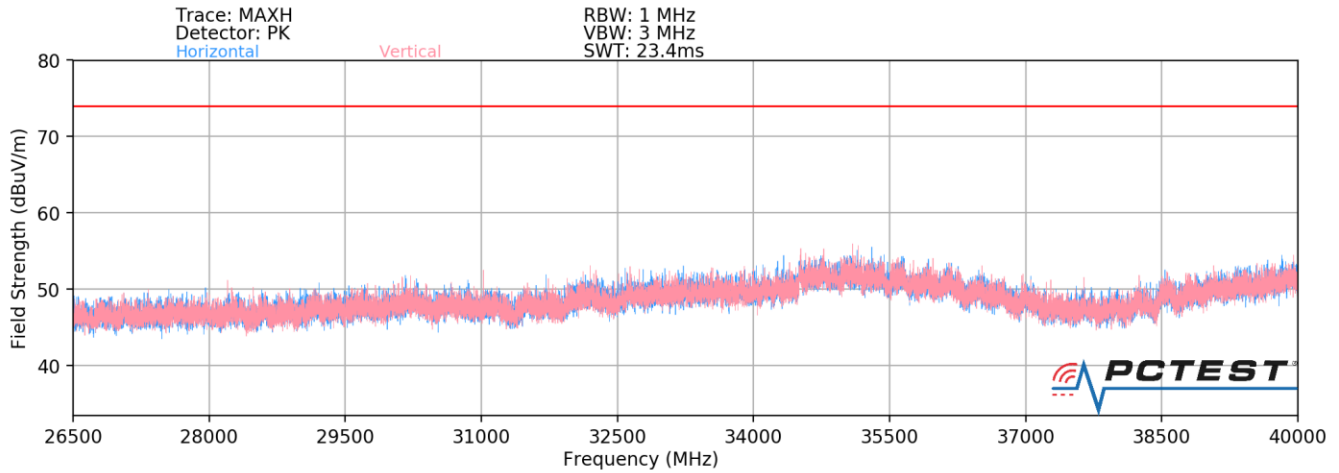


Plot 7-406. Radiated Spurious Plot 26.5GHz - 40GHz SISO NORTH (802.11ax - 26 Tones) Closed



Plot 7-407. Radiated Spurious Plot 18GHz - 26.5GHz SISO NORTH (802.11ax - 26 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 276 of 341



Plot 7-408. Radiated Spurious Plot 26.5GHz - 40GHz SISO NORTH (802.11ax – 26 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset	Page 277 of 341	

SISO NORTH Radiated Spurious Emission Measurements

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	1 & 3 Meters
Operating Frequency:	5180MHz
Channel:	36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	H	-	-	-69.59	15.49	0.00	52.90	68.20	-15.30
* 15540.00	Average	H	-	-	-82.36	22.68	0.00	47.32	53.98	-6.66
* 15540.00	Peak	H	-	-	-71.46	22.68	0.00	58.23	73.98	-15.75
* 20720.00	Average	H	-	-	-67.43	4.48	-9.54	34.51	53.98	-19.47
* 20720.00	Peak	H	-	-	-56.95	4.48	-9.54	44.99	73.98	-28.99
25900.00	Peak	H	-	-	-56.87	6.92	-9.54	47.50	68.20	-20.70

Table 7-134. Radiated Measurements SISO NORTH (26 Tones)

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	1 & 3 Meters
Operating Frequency:	5200MHz
Channel:	40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	H	-	-	-70.00	15.52	0.00	52.52	68.20	-15.68
* 15600.00	Average	H	-	-	-81.97	22.77	0.00	47.80	53.98	-6.18
* 15600.00	Peak	H	-	-	-70.87	22.77	0.00	58.90	73.98	-15.08
* 20800.00	Average	H	-	-	-67.23	4.88	-9.54	35.11	53.98	-18.87
* 20800.00	Peak	H	-	-	-57.26	4.88	-9.54	45.08	73.98	-28.90
26000.00	Peak	H	-	-	-57.16	7.10	-9.54	47.40	68.20	-20.80

Table 7-135. Radiated Measurements SISO NORTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 278 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 4
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	H	-	-	-70.15	15.45	0.00	52.30	68.20	-15.90
* 15720.00	Average	H	-	-	-82.53	22.76	0.00	47.23	53.98	-6.75
* 15720.00	Peak	H	-	-	-72.03	22.76	0.00	57.73	73.98	-16.25
* 20960.00	Average	H	-	-	-67.14	5.01	-9.54	35.32	53.98	-18.66
* 20960.00	Peak	H	-	-	-56.59	5.01	-9.54	45.87	73.98	-28.11
* 26200.00	Peak	H	-	-	-56.07	6.99	-9.54	48.37	68.20	-19.83

Table 7-136. Radiated Measurements SISO NORTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5260MHz
Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-70.39	15.75	0.00	52.36	68.20	-15.84
* 15780.00	Average	H	-	-	-82.30	22.89	0.00	47.59	53.98	-6.39
* 15780.00	Peak	H	-	-	-70.39	22.89	0.00	59.50	73.98	-14.48
* 21040.00	Average	H	-	-	-67.04	4.89	-9.54	35.30	53.98	-18.68
* 21040.00	Peak	H	-	-	-57.02	4.89	-9.54	45.32	73.98	-28.66
* 26300.00	Peak	H	-	-	-56.94	7.06	-9.54	47.58	68.20	-20.62

Table 7-137. Radiated Measurements SISO NORTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 279 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 0
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	H	-	-	-70.82	16.14	0.00	52.32	68.20	-15.88
* 15840.00	Average	H	-	-	-82.10	23.17	0.00	48.07	53.98	-5.91
* 15840.00	Peak	H	-	-	-71.04	23.17	0.00	59.13	73.98	-14.85
* 21120.00	Average	H	-	-	-66.99	5.08	-9.54	35.55	53.98	-18.43
* 21120.00	Peak	H	-	-	-56.12	5.08	-9.54	46.42	73.98	-27.56
* 26400.00	Peak	H	-	-	-56.28	7.43	-9.54	48.61	68.20	-19.59

Table 7-138. Radiated Measurements SISO NORTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 8
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5320MHz
Channel: 64

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	H	-	-	-81.93	16.06	0.00	41.13	53.98	-12.85
* 10640.00	Peak	H	-	-	-70.31	16.06	0.00	52.75	73.98	-21.23
* 15960.00	Average	H	-	-	-82.43	23.29	0.00	47.86	53.98	-6.12
* 15960.00	Peak	H	-	-	-71.05	23.29	0.00	59.24	73.98	-14.74
* 21280.00	Average	H	-	-	-66.89	5.14	-9.54	35.70	53.98	-18.28
* 21280.00	Peak	H	-	-	-56.61	5.14	-9.54	45.98	73.98	-28.00
* 26600.00	Peak	H	-	-	-56.75	7.21	-9.54	47.92	68.20	-20.28

Table 7-139. Radiated Measurements SISO NORTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 280 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 0
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5500MHz
Channel: 100

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	H	-	-	-81.95	16.78	0.00	41.83	53.98	-12.15
* 11000.00	Peak	H	-	-	-70.57	16.78	0.00	53.21	73.98	-20.77
16500.00	Peak	H	-	-	-71.55	24.50	0.00	59.95	68.20	-8.25
22000.00	Peak	H	-	-	-56.77	5.16	-9.54	45.84	68.20	-22.36
27500.00	Peak	H	-	-	-56.92	7.69	-9.54	48.23	68.20	-19.97

Table 7-140. Radiated Measurements SISO NORTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 0
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5600MHz
Channel: 120

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11200.00	Average	H	-	-	-81.45	17.10	0.00	42.65	53.98	-11.33
* 11200.00	Peak	H	-	-	-70.63	17.10	0.00	53.47	73.98	-20.51
16800.00	Peak	H	-	-	-71.59	24.48	0.00	59.89	68.20	-8.31
* 22400.00	Average	H	-	-	-66.95	5.45	-9.54	35.95	53.98	-18.03
* 22400.00	Peak	H	-	-	-56.52	5.45	-9.54	46.38	73.98	-27.60
28000.00	Peak	H	-	-	-57.03	7.97	-9.54	48.40	68.20	-19.80

Table 7-141. Radiated Measurements SISO NORTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 281 of 341

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 8
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	H	-	-	-82.10	17.95	0.00	42.85	53.98	-11.13
* 11440.00	Peak	H	-	-	-71.21	17.95	0.00	53.74	73.98	-20.24
17160.00	Peak	H	-	-	-71.63	24.77	0.00	60.14	68.20	-8.06
* 22880.00	Average	H	-	-	-67.28	5.43	-9.54	35.60	53.98	-18.38
* 22880.00	Peak	H	-	-	-57.24	5.43	-9.54	45.64	73.98	-28.34
28600.00	Peak	H	-	-	-58.21	8.29	-9.54	47.54	68.20	-20.66

Table 7-142. Radiated Measurements SISO NORTH (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 8
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	H	-	-	-82.18	17.82	0.00	42.64	53.98	-11.34
* 11490.00	Peak	H	-	-	-70.76	17.82	0.00	54.06	73.98	-19.92
17235.00	Peak	H	-	-	-71.64	25.21	0.00	60.57	68.20	-7.63
* 22980.00	Average	H	-	-	-67.22	5.29	-9.54	35.53	53.98	-18.45
* 22980.00	Peak	H	-	-	-56.90	5.29	-9.54	45.85	73.98	-28.13
28725.00	Peak	H	-	-	-57.12	8.24	-9.54	48.58	68.20	-19.62

Table 7-143. Radiated Measurements SISO NORTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset	Page 282 of 341

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 4
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5785MHz
Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	H	-	-	-82.06	17.80	0.00	42.74	53.98	-11.24
* 11570.00	Peak	H	-	-	-71.15	17.80	0.00	53.65	73.98	-20.33
17355.00	Peak	H	-	-	-72.49	26.23	0.00	60.74	68.20	-7.46
23140.00	Peak	H	-	-	-56.56	5.34	-9.54	46.23	68.20	-21.97
28925.00	Peak	H	-	-	-57.01	8.48	-9.54	48.92	68.20	-19.28

Table 7-144. Radiated Measurements SISO NORTH (26 Tones)

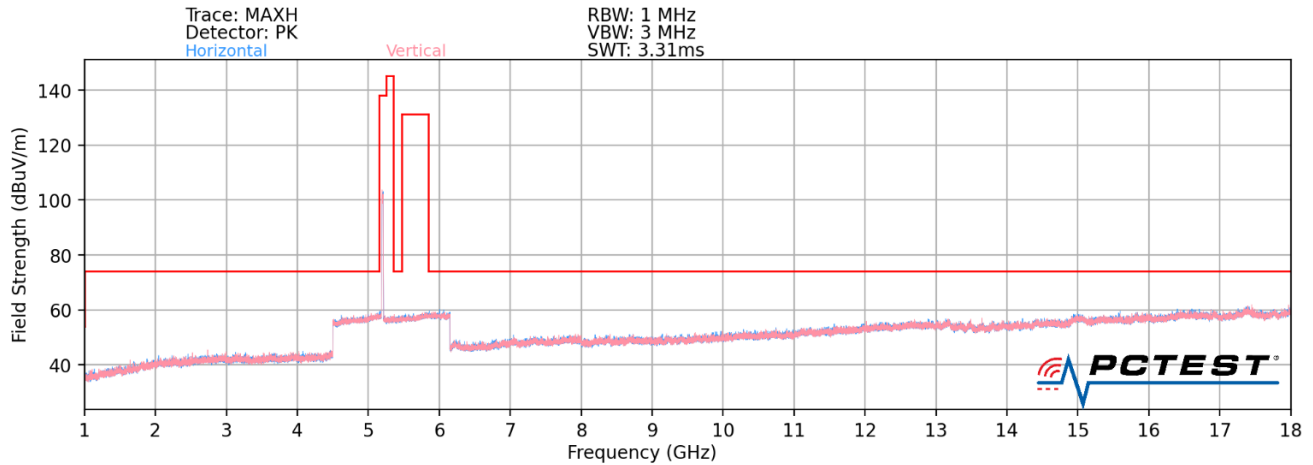
Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 4
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5825MHz
Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-81.53	18.05	0.00	43.52	53.98	-10.46
* 11650.00	Peak	H	-	-	-70.48	18.05	0.00	54.57	73.98	-19.41
17475.00	Peak	H	-	-	-71.47	25.87	0.00	61.40	68.20	-6.80
23300.00	Peak	H	-	-	-56.54	5.29	-9.54	46.20	68.20	-22.00
29125.00	Peak	H	-	-	-57.22	8.49	-9.54	48.73	68.20	-19.47

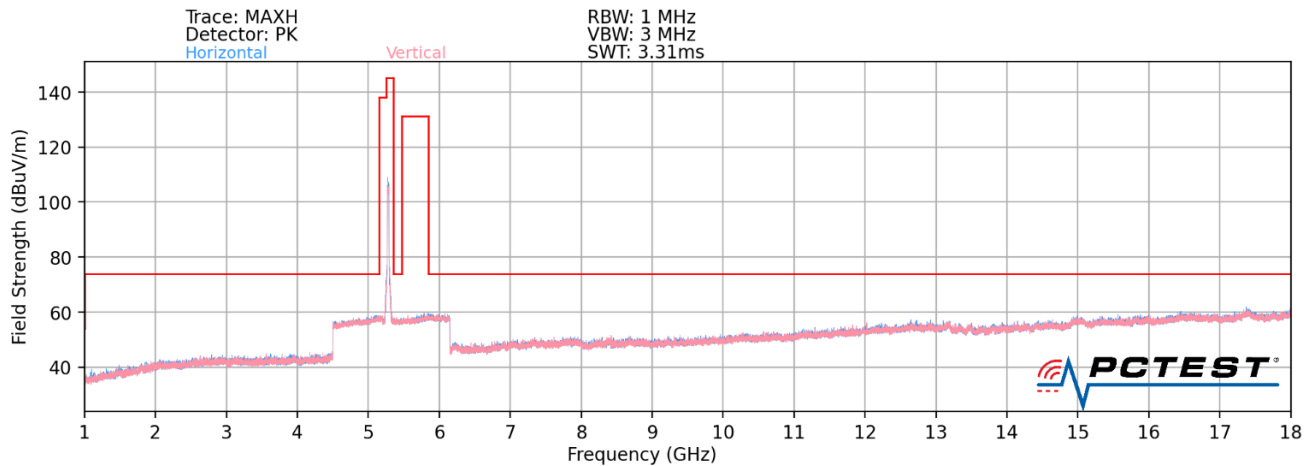
Table 7-145. Radiated Measurements SISO NORTH (26 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 283 of 341

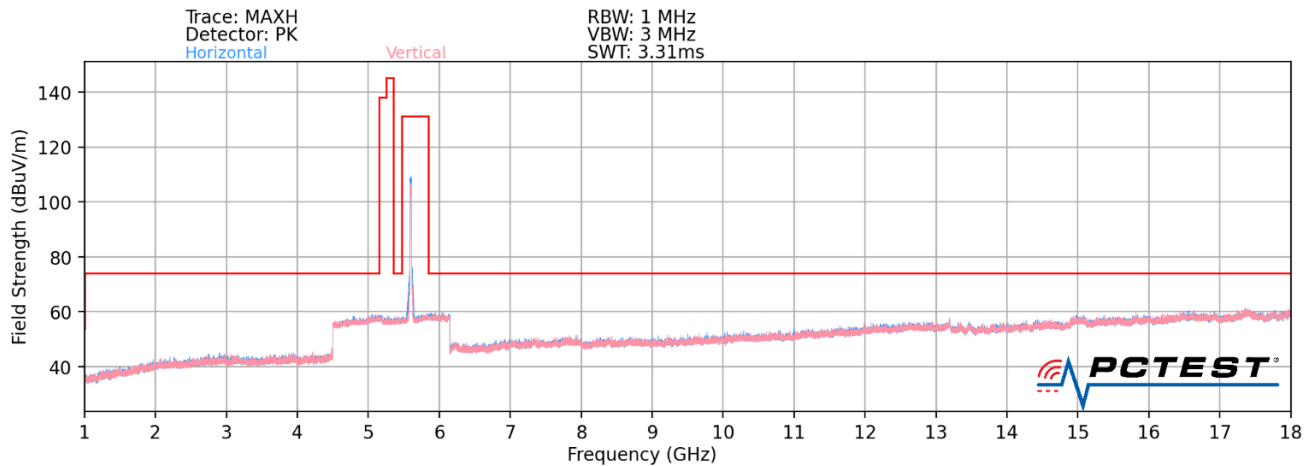
242 Tones



Plot 7-409. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U1 Ch. 40 – 242 Tones) Closed

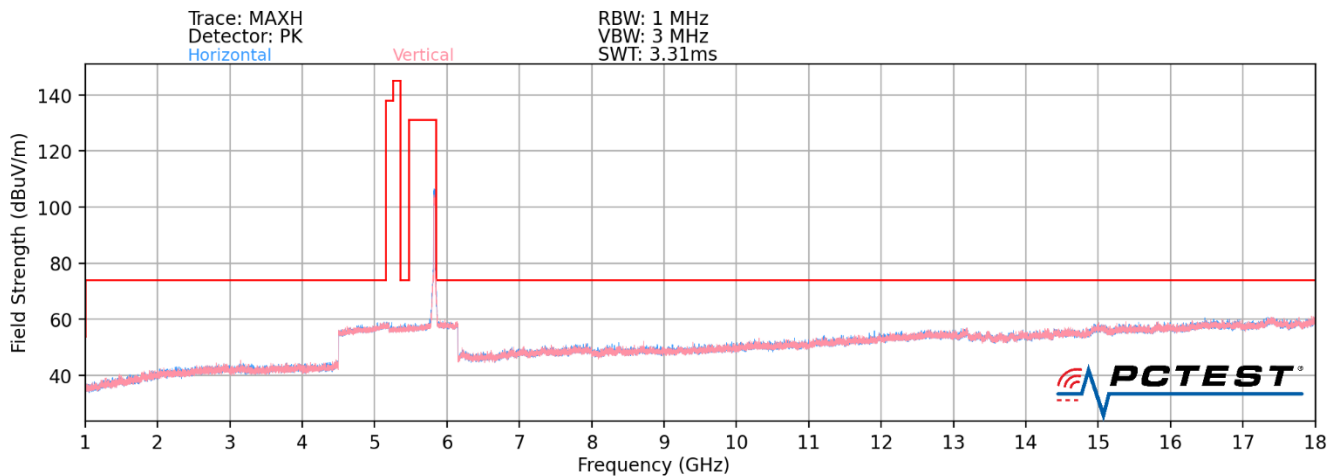


Plot 7-410. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2A Ch. 56 – 242 Tones) Closed

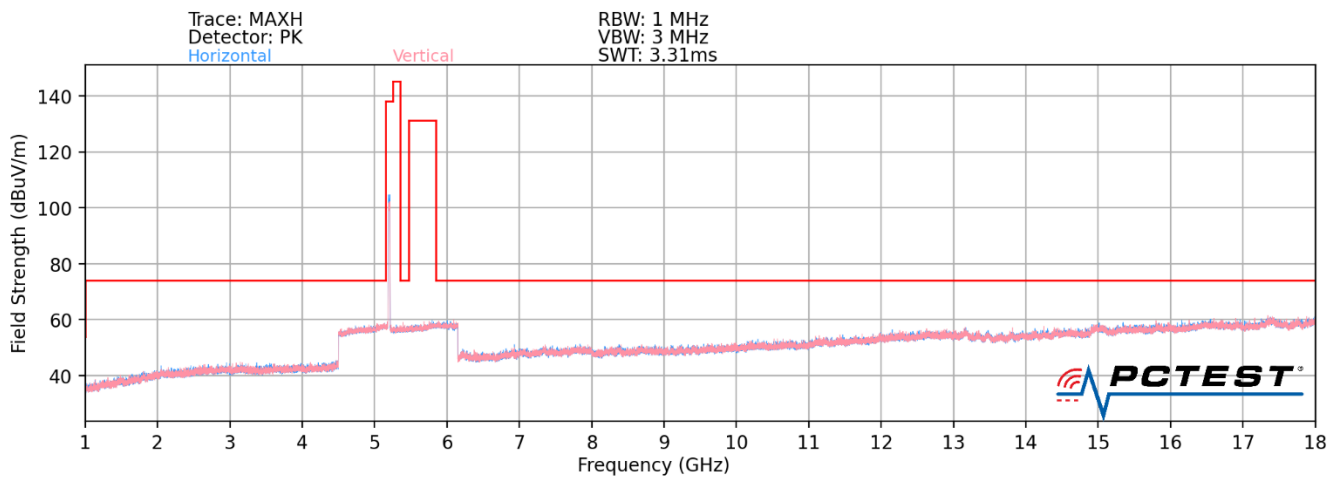


Plot 7-411. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2C Ch. 120 – 242 Tones) Closed

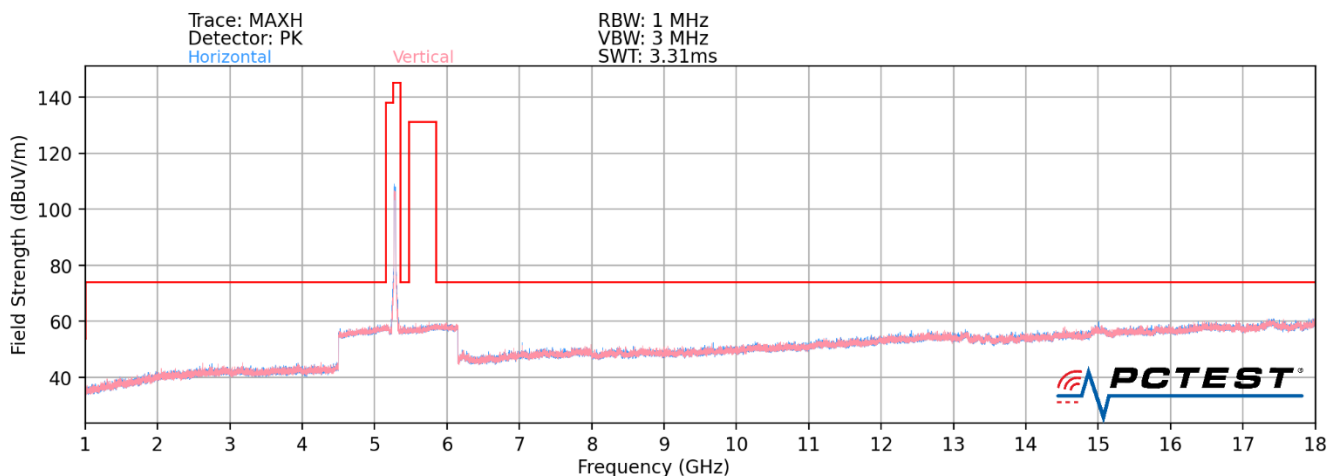
FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 284 of 341



Plot 7-412. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U3 Ch. 157 – 242 Tones) Closed

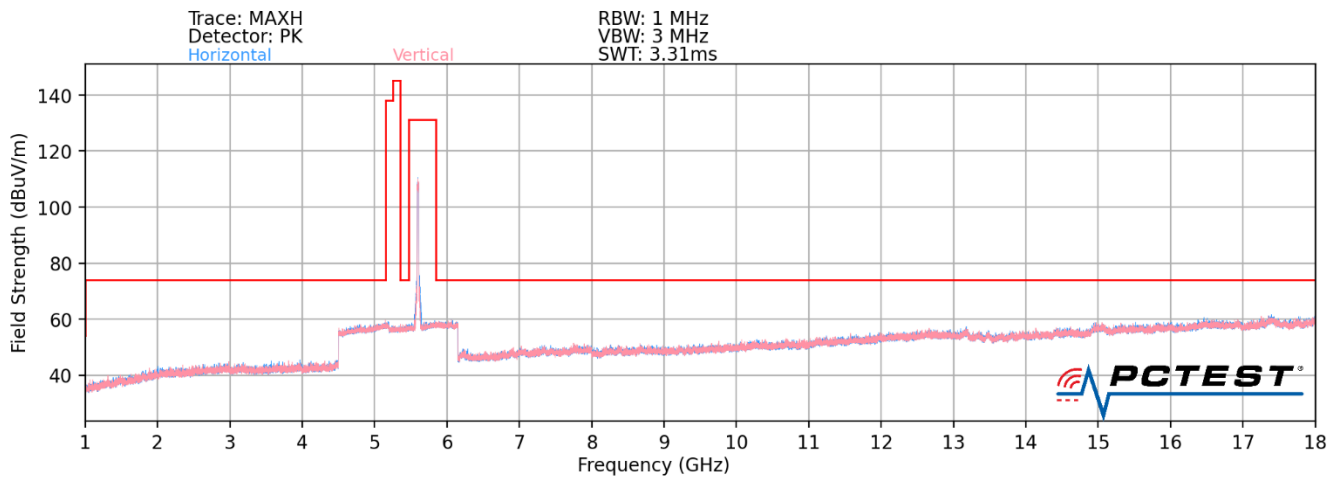


Plot 7-413. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U1 Ch. 40 – 242 Tones) Open

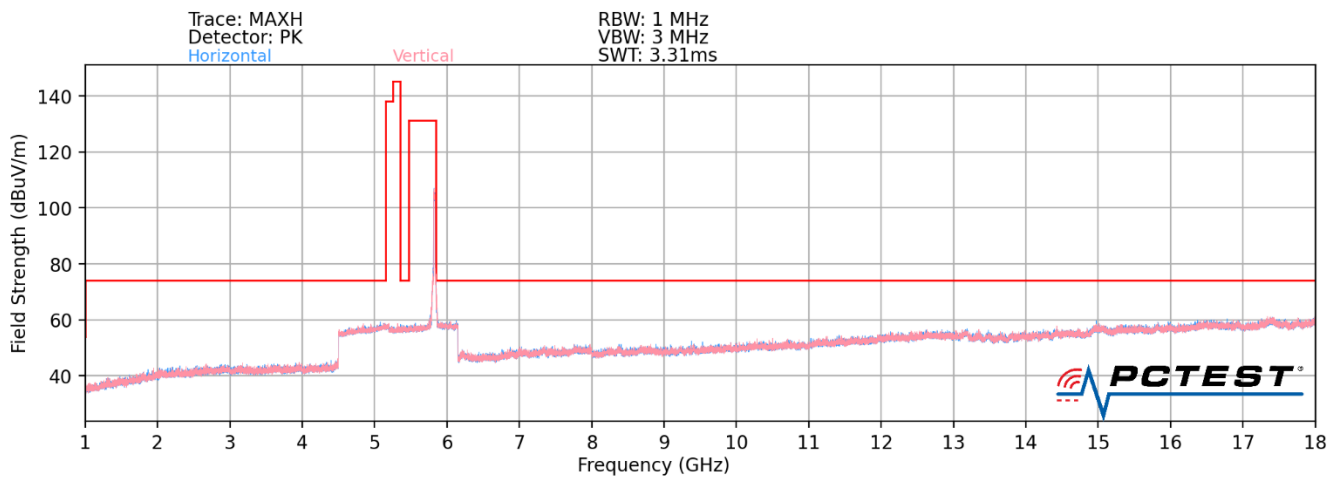


Plot 7-414. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2A Ch. 56 – 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 285 of 341



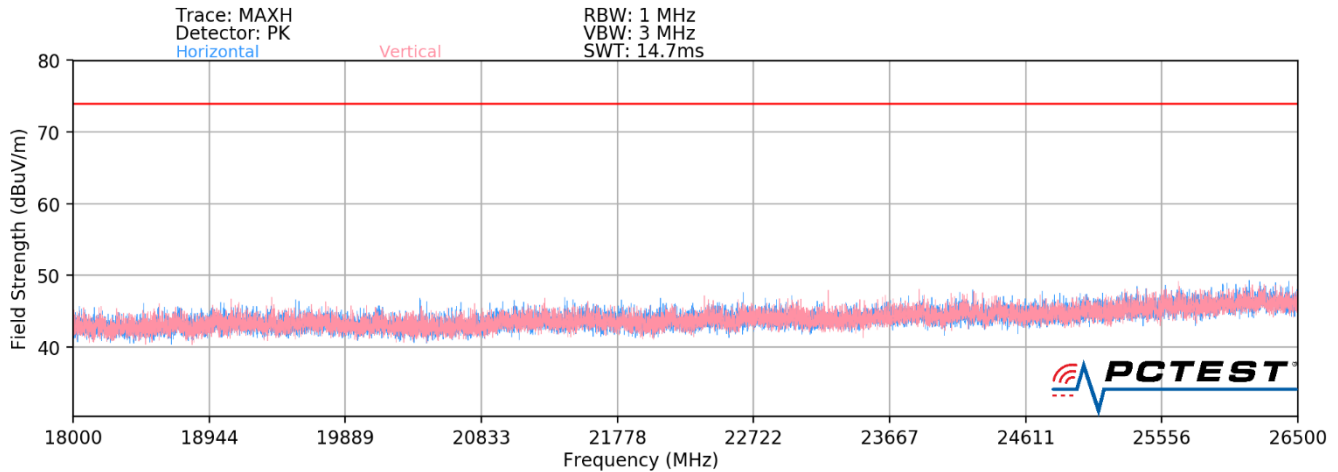
Plot 7-415. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U2C Ch. 120 – 242 Tones) Open



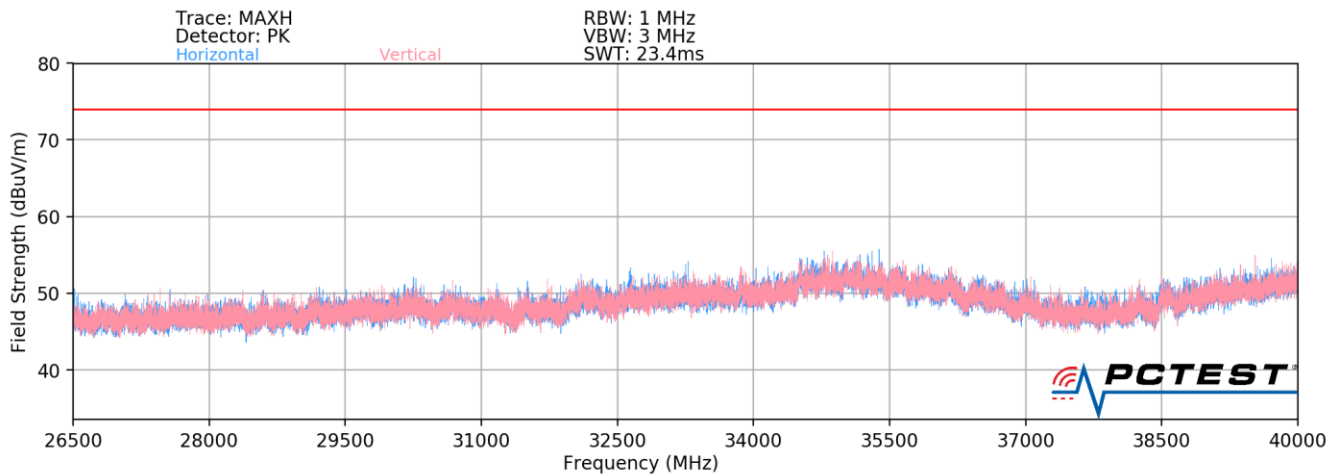
Plot 7-416. Radiated Spurious Plot above 1GHz SISO NORTH (802.11ax – U3 Ch. 157 – 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 286 of 341

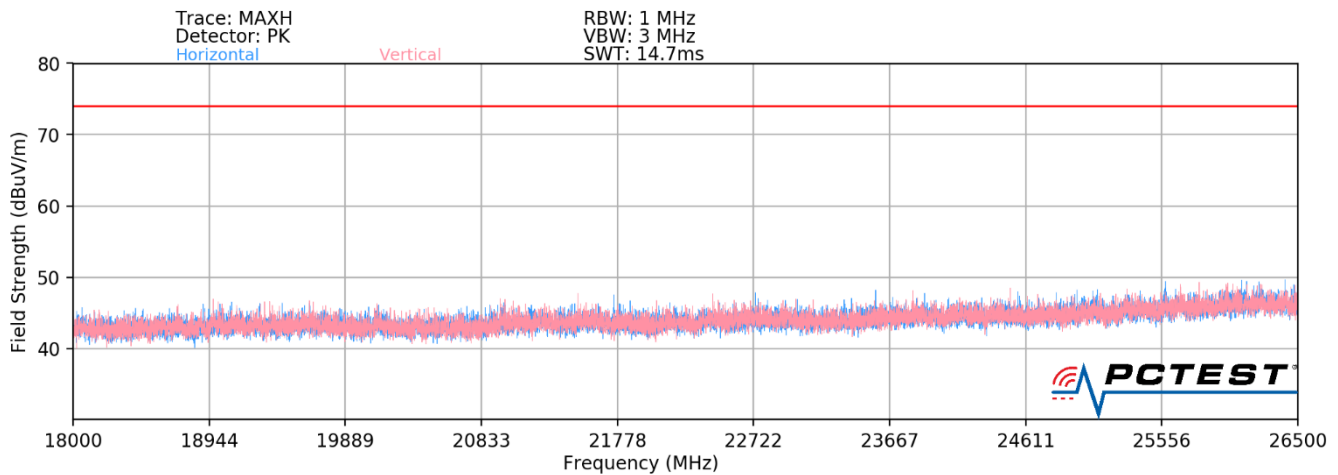
SISO NORTH Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-417. Radiated Spurious Plot 18GHz - 26.5GHz SISO NORTH (802.11ax - 242 Tones) Closed

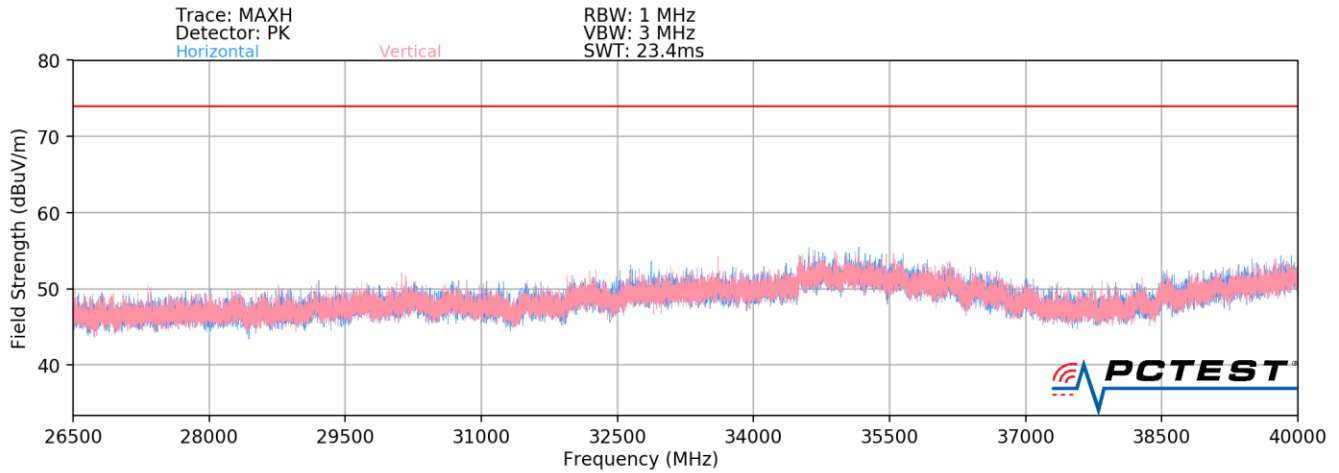


Plot 7-418. Radiated Spurious Plot 26.5GHz - 40GHz SISO NORTH (802.11ax - 242 Tones) Closed



Plot 7-419. Radiated Spurious Plot 18GHz - 26.5GHz SISO NORTH (802.11ax - 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 287 of 341



Plot 7-420. Radiated Spurious Plot 26.5GHz - 40GHz SISO NORTH (802.11ax – 242 Tones) Open

FCC ID: C3K1995 IC: 3048A-1995		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset	Page 288 of 341	

SISO NORTH Radiated Spurious Emission Measurements

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	1 & 3 Meters
Operating Frequency:	5180MHz
Channel:	36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	H	-	-	-71.14	15.49	0.00	51.35	68.20	-16.85
* 15540.00	Average	H	-	-	-82.49	22.68	0.00	47.19	53.98	-6.79
* 15540.00	Peak	H	-	-	-72.27	22.68	0.00	57.41	73.98	-16.57
* 20720.00	Average	H	-	-	-67.28	4.48	-9.54	34.65	53.98	-19.32
* 20720.00	Peak	H	-	-	-57.70	4.48	-9.54	44.24	73.98	-29.74
25900.00	Peak	H	-	-	-56.28	6.92	-9.54	48.09	68.20	-20.11

Table 7-146. Radiated Measurements SISO NORTH (242 Tones)

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	1 & 3 Meters
Operating Frequency:	5200MHz
Channel:	40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	H	-	-	-70.76	15.52	0.00	51.76	68.20	-16.44
* 15600.00	Average	H	-	-	-82.38	22.77	0.00	47.39	53.98	-6.59
* 15600.00	Peak	H	-	-	-71.96	22.77	0.00	57.81	73.98	-16.17
* 20800.00	Average	H	-	-	-67.30	4.88	-9.54	35.04	53.98	-18.94
* 20800.00	Peak	H	-	-	-57.43	4.88	-9.54	44.91	73.98	-29.07
26000.00	Peak	H	-	-	-57.37	7.10	-9.54	47.19	68.20	-21.01

Table 7-147. Radiated Measurements SISO NORTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	H	-	-	-70.65	15.45	0.00	51.80	68.20	-16.40
* 15720.00	Average	H	-	-	-82.72	22.76	0.00	47.04	53.98	-6.94
* 15720.00	Peak	H	-	-	-72.34	22.76	0.00	57.42	73.98	-16.56
* 20960.00	Average	H	-	-	-67.43	5.01	-9.54	35.03	53.98	-18.95
* 20960.00	Peak	H	-	-	-57.25	5.01	-9.54	45.21	73.98	-28.77
* 26200.00	Peak	H	-	-	-56.51	6.99	-9.54	47.93	68.20	-20.27

Table 7-148. Radiated Measurements SISO NORTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5260MHz
Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.31	15.75	0.00	51.44	68.20	-16.76
* 15780.00	Average	H	-	-	-82.45	22.89	0.00	47.44	53.98	-6.54
* 15780.00	Peak	H	-	-	-71.32	22.89	0.00	58.57	73.98	-15.41
* 21040.00	Average	H	-	-	-67.01	4.89	-9.54	35.33	53.98	-18.65
* 21040.00	Peak	H	-	-	-56.12	4.89	-9.54	46.22	73.98	-27.76
* 26300.00	Peak	H	-	-	-57.55	7.06	-9.54	46.97	68.20	-21.23

Table 7-149. Radiated Measurements SISO NORTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	H	-	-	-71.59	16.14	0.00	51.55	68.20	-16.65
* 15840.00	Average	H	-	-	-82.43	23.17	0.00	47.74	53.98	-6.24
* 15840.00	Peak	H	-	-	-71.76	23.17	0.00	58.41	73.98	-15.57
* 21120.00	Average	H	-	-	-67.08	5.08	-9.54	35.46	53.98	-18.52
* 21120.00	Peak	H	-	-	-56.96	5.08	-9.54	45.58	73.98	-28.40
26400.00	Peak	H	-	-	-56.82	7.43	-9.54	48.07	68.20	-20.13

Table 7-150. Radiated Measurements SISO NORTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5320MHz
Channel: 64

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	H	-	-	-81.84	16.06	0.00	41.22	53.98	-12.76
* 10640.00	Peak	H	-	-	-71.93	16.06	0.00	51.13	73.98	-22.85
* 15960.00	Average	H	-	-	-82.21	23.29	0.00	48.08	53.98	-5.90
* 15960.00	Peak	H	-	-	-71.59	23.29	0.00	58.70	73.98	-15.28
* 21280.00	Average	H	-	-	-66.65	5.14	-9.54	35.94	53.98	-18.04
* 21280.00	Peak	H	-	-	-56.01	5.14	-9.54	46.58	73.98	-27.40
26600.00	Peak	H	-	-	-57.09	7.21	-9.54	47.58	68.20	-20.62

Table 7-151. Radiated Measurements SISO NORTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5500MHz
Channel: 100

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	H	-	-	-81.95	16.78	0.00	41.83	53.98	-12.15
* 11000.00	Peak	H	-	-	-71.85	16.78	0.00	51.93	73.98	-22.05
16500.00	Peak	H	-	-	-71.11	24.50	0.00	60.39	68.20	-7.81
22000.00	Peak	H	-	-	-56.67	5.16	-9.54	45.94	68.20	-22.26
27500.00	Peak	H	-	-	-57.26	7.69	-9.54	47.89	68.20	-20.31

Table 7-152. Radiated Measurements SISO NORTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5600MHz
Channel: 120

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11200.00	Average	H	-	-	-81.14	17.10	0.00	42.96	53.98	-11.02
* 11200.00	Peak	H	-	-	-70.71	17.10	0.00	53.39	73.98	-20.59
16800.00	Peak	H	-	-	-72.72	24.48	0.00	58.76	68.20	-9.44
* 22400.00	Average	H	-	-	-67.26	5.45	-9.54	35.64	53.98	-18.34
* 22400.00	Peak	H	-	-	-57.37	5.45	-9.54	45.53	73.98	-28.45
28000.00	Peak	H	-	-	-57.68	7.99	-9.54	47.77	68.20	-20.43

Table 7-153. Radiated Measurements SISO NORTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5720MHz
Channel: 144

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	H	-	-	-82.29	17.95	0.00	42.66	53.98	-11.32
* 11440.00	Peak	H	-	-	-71.81	17.95	0.00	53.14	73.98	-20.84
17160.00	Peak	H	-	-	-72.65	24.77	0.00	59.12	68.20	-9.08
* 22880.00	Average	H	-	-	-67.29	5.43	-9.54	35.59	53.98	-18.39
* 22880.00	Peak	H	-	-	-56.96	5.43	-9.54	45.92	73.98	-28.06
28600.00	Peak	H	-	-	-56.93	8.29	-9.54	48.82	68.20	-19.38

Table 7-154. Radiated Measurements SISO NORTH (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5745MHz
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	H	-	-	-82.49	17.82	0.00	42.33	53.98	-11.65
* 11490.00	Peak	H	-	-	-71.95	17.82	0.00	52.87	73.98	-21.11
17235.00	Peak	H	-	-	-72.13	25.21	0.00	60.08	68.20	-8.12
* 22980.00	Average	H	-	-	-66.97	5.29	-9.54	35.78	53.98	-18.20
* 22980.00	Peak	H	-	-	-57.02	5.29	-9.54	45.73	73.98	-28.25
28725.00	Peak	H	-	-	-57.04	8.24	-9.54	48.66	68.20	-19.54

Table 7-155. Radiated Measurements SISO NORTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5785MHz
Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	H	-	-	-81.74	17.80	0.00	43.06	53.98	-10.92
* 11570.00	Peak	H	-	-	-71.65	17.80	0.00	53.15	73.98	-20.83
17355.00	Peak	H	-	-	-73.06	26.23	0.00	60.17	68.20	-8.03
23140.00	Peak	H	-	-	-56.73	5.34	-9.54	46.06	68.20	-22.14
28925.00	Peak	H	-	-	-56.47	8.48	-9.54	49.46	68.20	-18.74

Table 7-156. Radiated Measurements SISO NORTH (242 Tones)

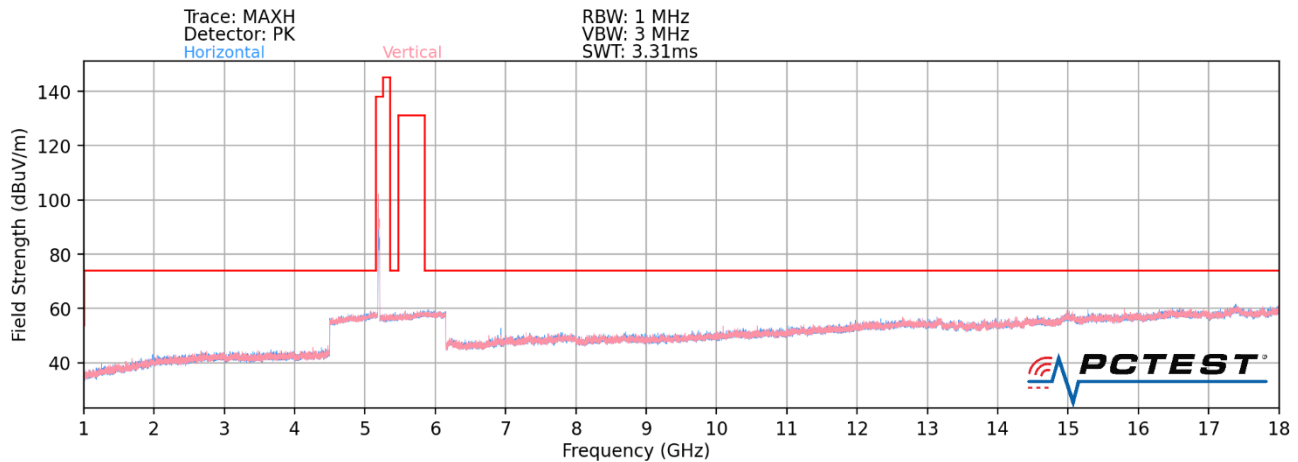
Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5825MHz
Channel: 165

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-81.96	18.05	0.00	43.09	53.98	-10.89
* 11650.00	Peak	H	-	-	-71.22	18.05	0.00	53.83	73.98	-20.15
17475.00	Peak	H	-	-	-72.28	25.87	0.00	60.59	68.20	-7.61
23300.00	Peak	H	-	-	-55.75	5.29	-9.54	46.99	68.20	-21.21
29125.00	Peak	H	-	-	-57.23	8.49	-9.54	48.72	68.20	-19.48

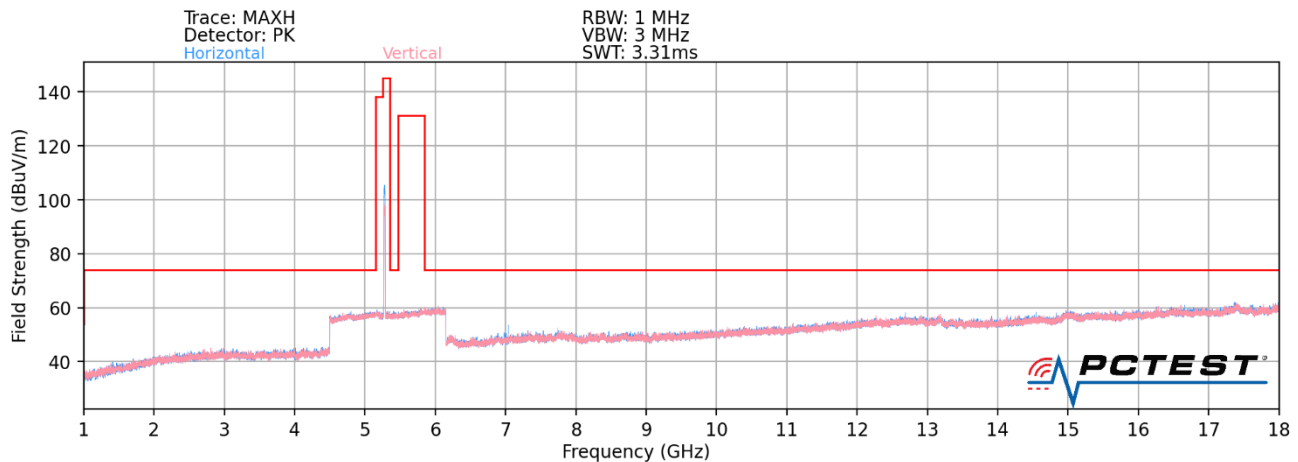
Table 7-157. Radiated Measurements SISO NORTH (242 Tones)

FCC ID: C3K1995 IC: 3048A-1995	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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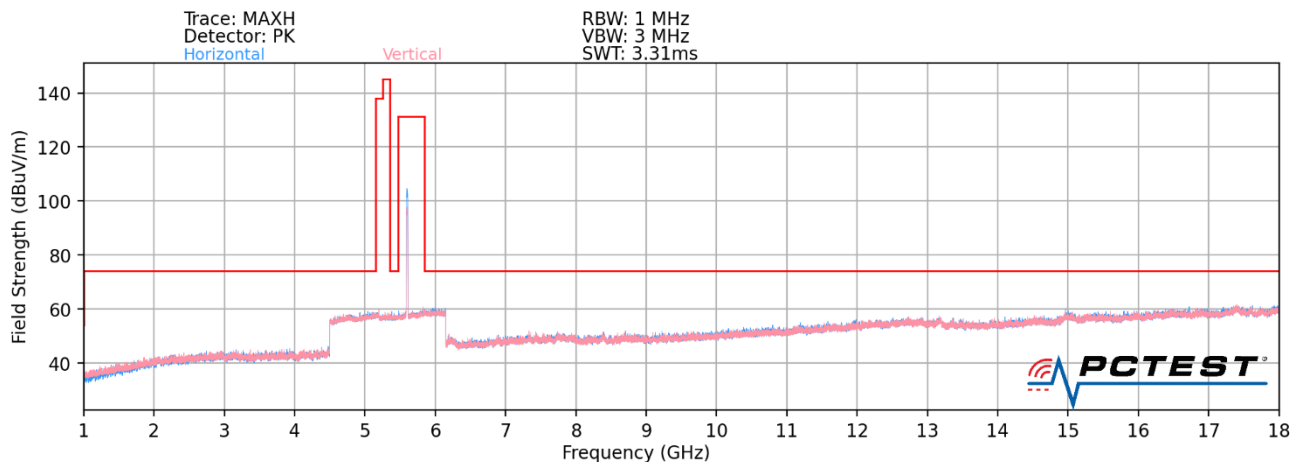
7.6.3 MIMO Radiated Spurious Emission Measurements 26 Tones



Plot 7-421. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U1 Ch. 40 – 26 Tones) Closed



Plot 7-422. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U2A Ch. 56 – 26 Tones) Closed



Plot 7-423. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U2C Ch. 120 – 26 Tones) Closed

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105060048-15-R1.C3K	Test Dates: 05/20/2021 - 09/08/2021	EUT Type: Portable Handset		Page 295 of 341